

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121212.D
 Acq On : 6 Aug 2020 20:13
 Operator : JU/CG
 Sample : L3537-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Manual Integrations
 APPROVED

Quant Time: Aug 07 05:47:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	269327	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1038513	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	540546	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1011460	20.00	ng	0.00
76) Chrysene-d12	13.97	240	658636	20.00	ng	0.00
86) Perylene-d12	15.42	264	720788	20.00	ng	0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	956446	58.22	ng	0.02
7) Phenol-d6	6.45	99	1161148	54.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	798844	44.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	355851	60.14	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1409231	38.92	ng	0.00
79) Terphenyl-d14	12.91	244	1349519	44.54	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	161781	21.397	ng	# 86
4) n-Nitrosodimethylamine	3.35	42	201575	23.437	ng	98
8) 2-Chlorophenol	6.59	128	445200	24.599	ng	99
9) Benzaldehyde	6.35	77	209225	16.978	ng	97
10) Phenol	6.46	94	497302	21.303	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	423716	23.683	ng	98
12) 1,3-Dichlorobenzene	6.74	146	420107	21.407	ng	100
13) 1,4-Dichlorobenzene	6.82	146	427463	21.905	ng	99
14) 1,2-Dichlorobenzene	6.96	146	413950	22.422	ng	100
15) Benzyl Alcohol	6.95	79	328851	21.912	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	568550	22.048	ng	94
17) 2-Methylphenol	7.06	107	351842	21.934	ng	98
18) Hexachloroethane	7.30	117	150830	21.355	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	266883	22.116	ng	96
20) 3+4-Methylphenols	7.22	107	404078	19.802	ng	# 89
22) Acetophenone	7.21	105	552563	23.708	ng	# 97
24) Nitrobenzene	7.38	77	452314	23.383	ng	97
25) Isophorone	7.62	82	810622	22.631	ng	98
26) 2-Nitrophenol	7.70	139	239350	26.053	ng	97
27) 2,4-Dimethylphenol	7.74	122	385196	25.824	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	508351	23.249	ng	99
29) 2,4-Dichlorophenol	7.95	162	376473	24.699	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	385100	22.772	ng	99
31) Naphthalene	8.10	128	1184581	22.237	ng	100
32) Benzoic acid	7.89	122	297719	26.589	ng	98
33) 4-Chloroaniline	8.16	127	94117	3.961	ng	97
34) Hexachlorobutadiene	8.22	225	214828	21.549	ng	99
35) Caprolactam	8.54	113	102822m	21.036	ng	
36) 4-Chloro-3-methylphenol	8.65	107	387500	24.788	ng	99
37) 2-Methylnaphthalene	8.79	142	825283	23.860	ng	99
38) 1-Methylnaphthalene	8.89	142	775691	23.679	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	388165	24.647	ng	99
41) Hexachlorocyclopentadiene	8.95	237	192619	22.129	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	271609	24.494	ng	98

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

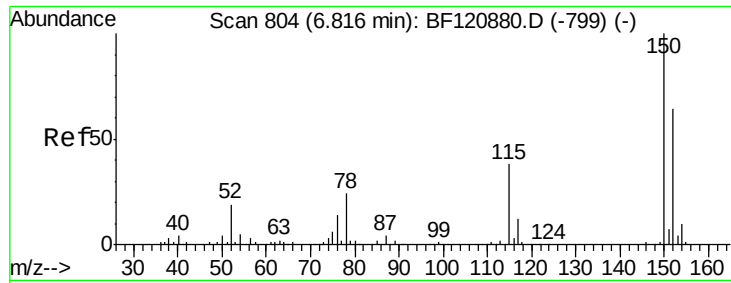
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Manual Integrations
 APPROVED

Quant Time: Aug 07 05:47:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.12	196	293443	23.329	ng	98
46) 1,1'-Biphenyl	9.26	154	997820	24.200	ng	99
47) 2-Chloronaphthalene	9.28	162	769811	22.899	ng	98
48) 2-Nitroaniline	9.39	65	252316	24.836	ng	97
49) Acenaphthylene	9.70	152	1218653	23.335	ng	100
50) Dimethylphthalate	9.56	163	967374	24.806	ng	100 mohammad
51) 2,6-Dinitrotoluene	9.63	165	209391	24.993	ng	96
52) Acenaphthene	9.87	154	805009m	24.245	ng	
53) 3-Nitroaniline	9.79	138	94068	8.952	ng	96
54) 2,4-Dinitrophenol	9.91	184	169083	38.900	ng	99
55) Dibenzofuran	10.05	168	1072349	22.334	ng	98 8/7/2020 1:51:04 PM
56) 4-Nitrophenol	9.97	139	330297	41.381	ng	94
57) 2,4-Dinitrotoluene	10.03	165	267586	24.321	ng	# 90
58) Fluorene	10.39	166	812133	22.678	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	245409	25.625	ng	100
60) Diethylphthalate	10.26	149	922602	23.390	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	399489	20.915	ng	100
62) 4-Nitroaniline	10.41	138	181537	17.736	ng	94
63) Azobenzene	10.54	77	835733	22.255	ng	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	111979	21.440	ng	92
66) n-Nitrosodiphenylamine	10.50	169	722792	22.716	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	267446	23.716	ng	96
68) Hexachlorobenzene	10.93	284	296955	24.343	ng	# 92
69) Atrazine	11.03	200	166363	21.112	ng	98
70) Pentachlorophenol	11.14	266	335510	48.009	ng	98
71) Phenanthrene	11.35	178	1188573	22.849	ng	99
72) Anthracene	11.40	178	1257203	24.068	ng	100
73) Carbazole	11.56	167	1173998	22.647	ng	100
74) Di-n-butylphthalate	11.89	149	1407949	23.536	ng	99
75) Fluoranthene	12.54	202	1250582	21.689	ng	99
78) Pyrene	12.77	202	1243961	26.714	ng	100
80) Butylbenzylphthalate	13.38	149	565819	27.257	ng	95
81) Benzo(a)anthracene	13.96	228	986234	24.728	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	149861	9.960	ng	99
83) Chrysene	13.99	228	969187	23.123	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	742164	28.994	ng	100
85) Di-n-octyl phthalate	14.55	149	1204903	23.660	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1130971	22.562	ng	99
88) Benzo(b)fluoranthene	15.00	252	1041034	23.894	ng	99
89) Benzo(k)fluoranthene	15.03	252	932580	23.470	ng	99
90) Benzo(a)pyrene	15.36	252	926392	23.305	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	947544	23.141	ng	98
92) Benzo(g,h,i)perylene	17.29	276	924248	22.892	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

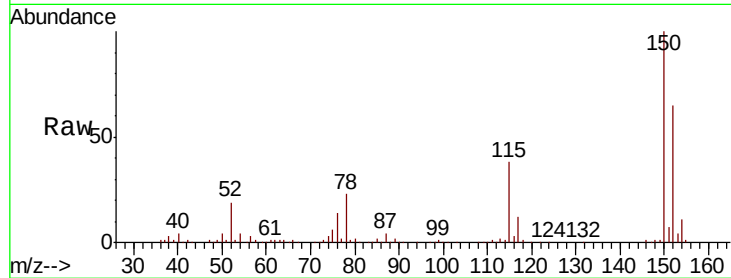


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Instrument :
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 JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.6	188.4
115	58.7	46.2	69.2

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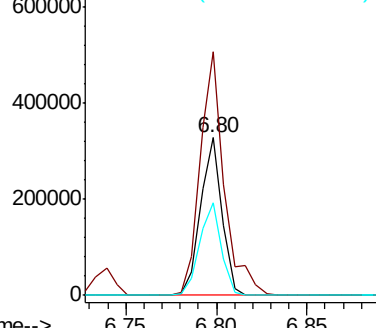


Abundance

Ion 152.00 (151.70 to 152.70): E

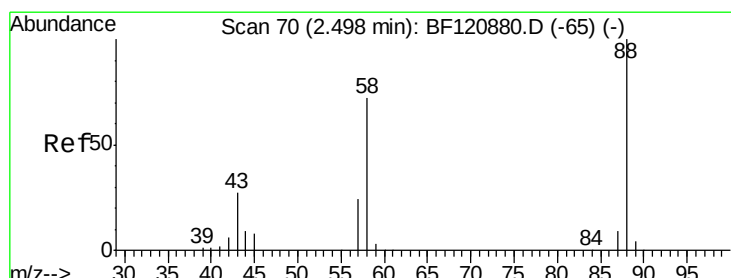
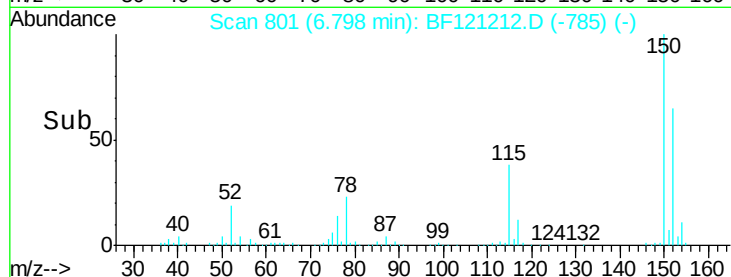
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



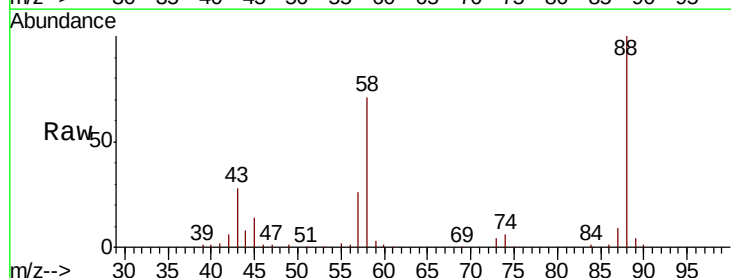
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#2
 1,4-Dioxane
 Concen: 21.397 ng
 RT: 2.75 min Scan# 113
 Delta R.T. 0.24 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.2	87.4
43	0.0	21.3	31.9#

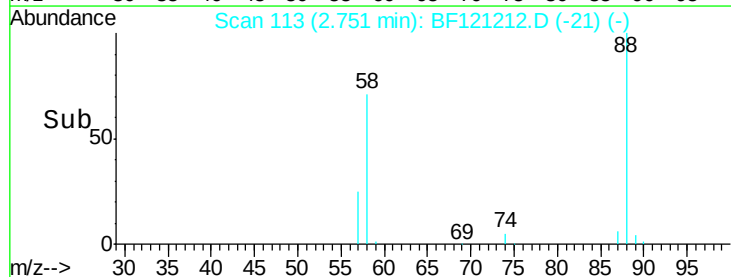
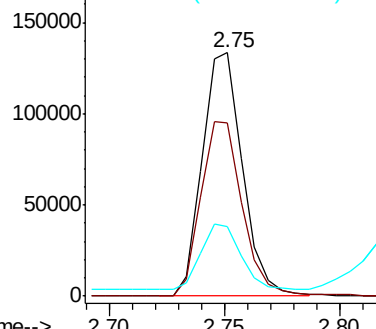


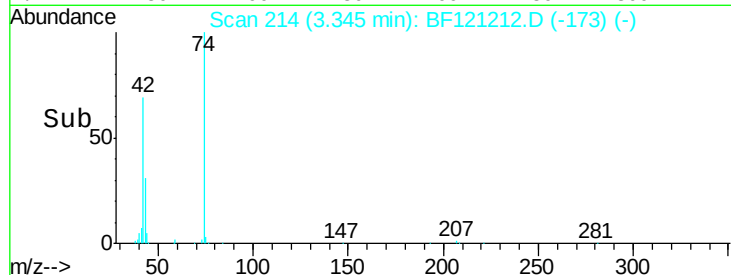
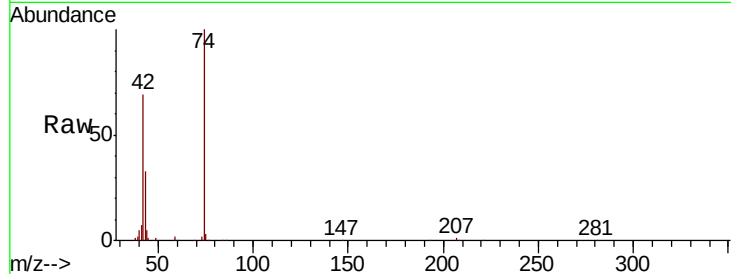
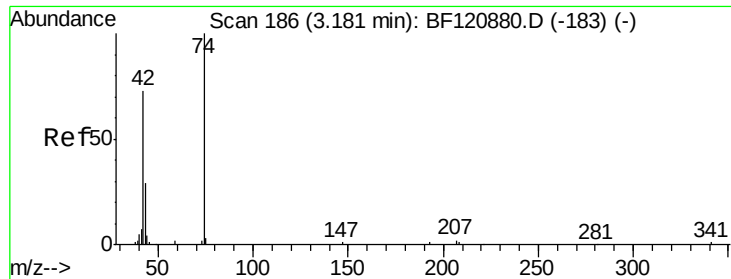
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#4

n-Nitrosodimethylamine

Concen: 23.437 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.14 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tot Ion	42	Resp	201575
Ion Ratio	Lower	Upper	
42	100		
74	144.1	117.3	175.9
44	6.8	5.9	8.9

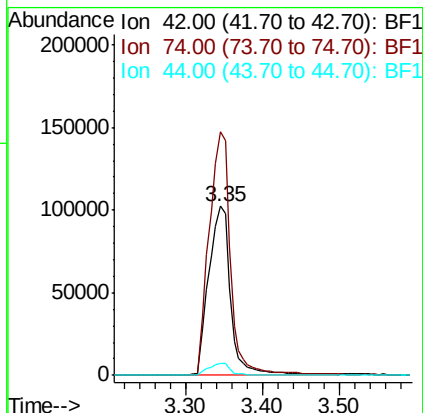
Instrument :

BNA_F

ClientSampleId :

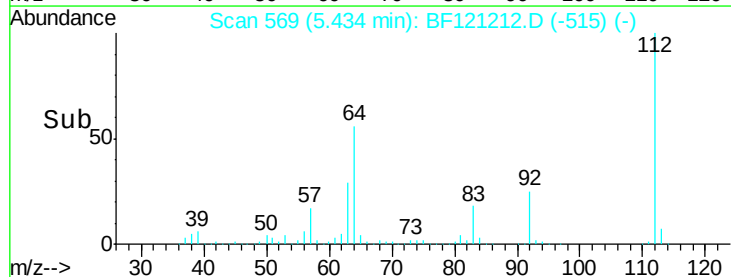
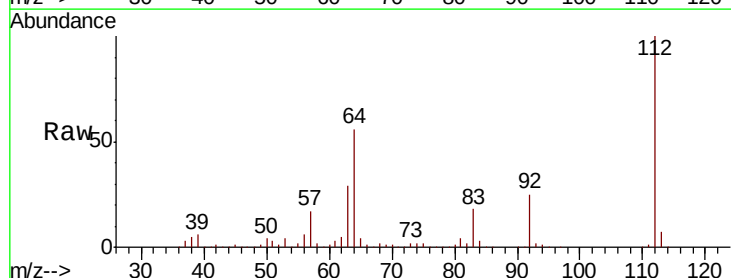
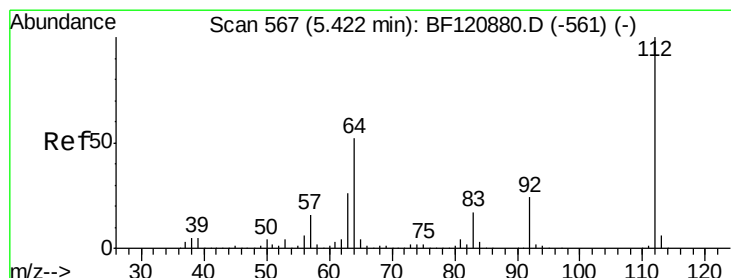
JTY1-WC-S-BL-IBMSD

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#5

2-Fluorophenol

Concen: 58.218 ng

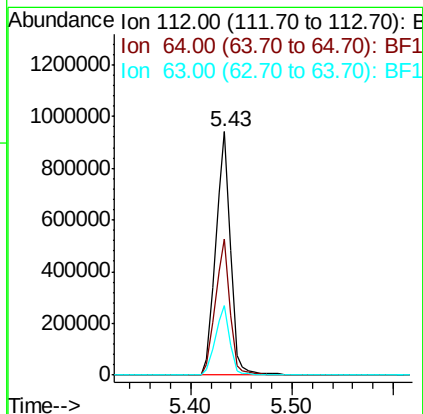
RT: 5.43 min Scan# 569

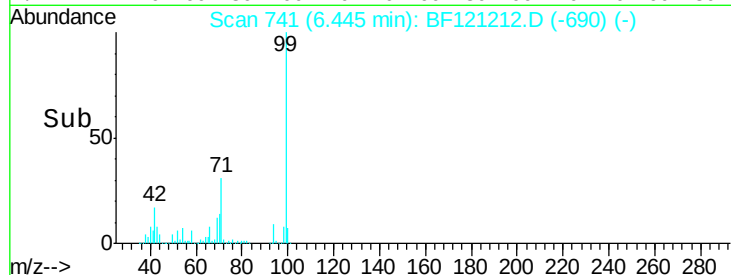
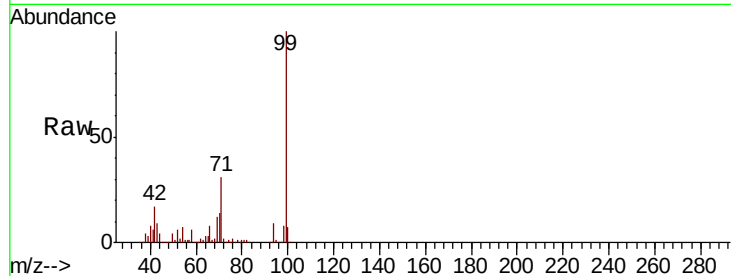
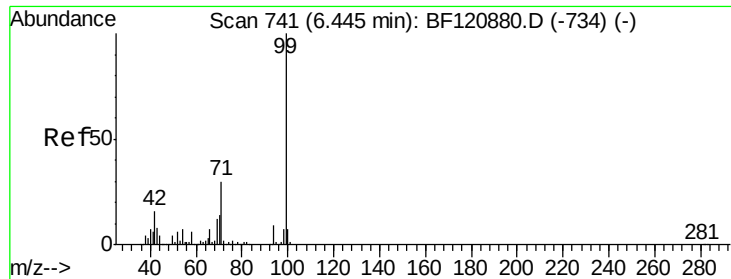
Delta R.T. 0.02 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion	112	Resp	956446
Ion Ratio	Lower	Upper	
112	100		
64	56.1	43.9	65.9
63	28.5	22.7	34.1





#7

Phenol-d6

Concen: 54.715 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tot Ion: 99 Resp: 1161148

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.3 25.0 37.4

Instrument :

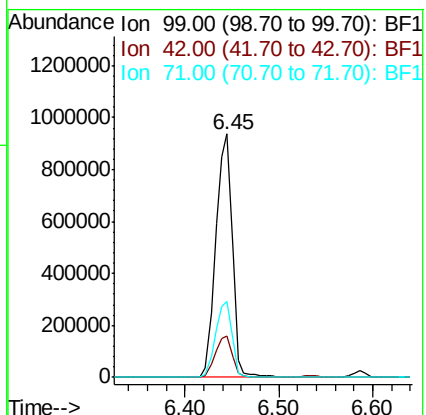
BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

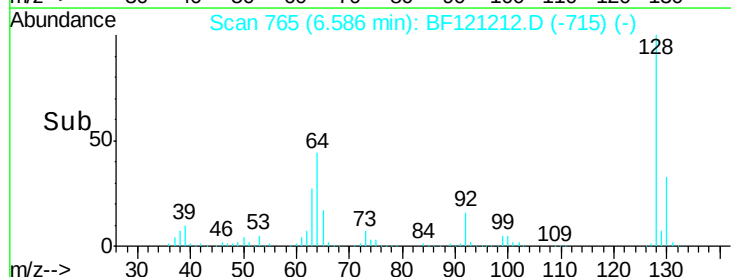
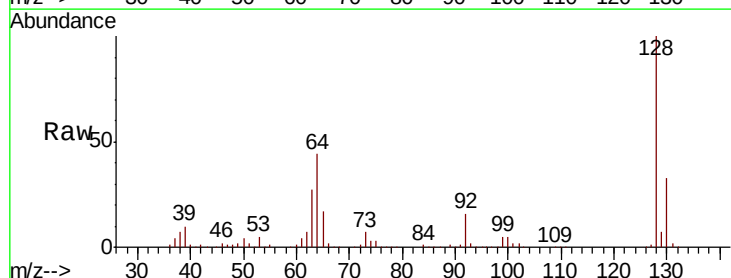
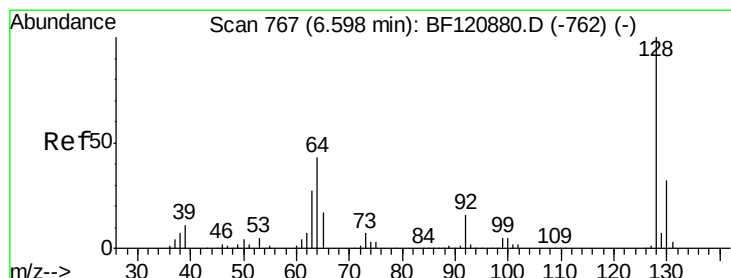
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#8

2-Chlorophenol

Concen: 24.599 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

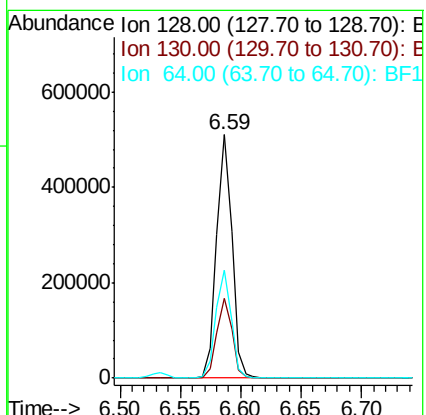
Tgt Ion: 128 Resp: 445200

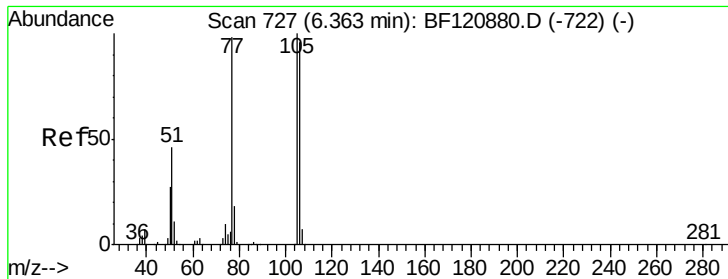
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 44.2 23.8 63.8





#9

Benzaldehyde

Concen: 16.978 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

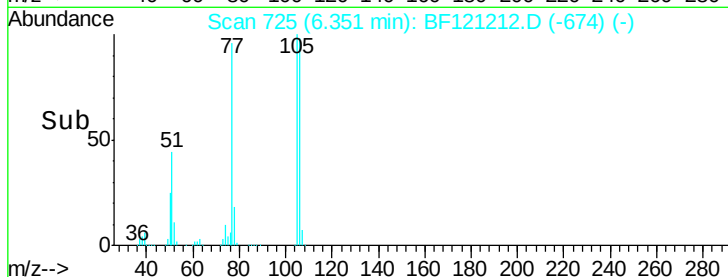
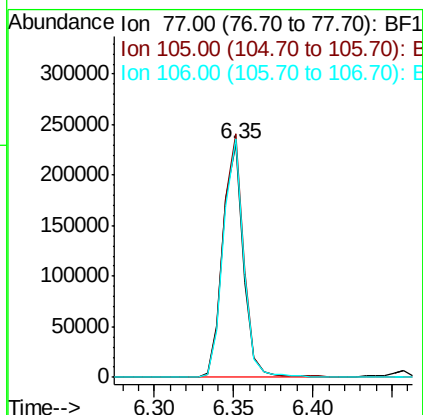
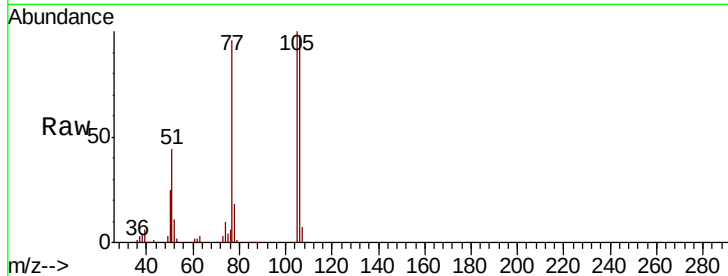
BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

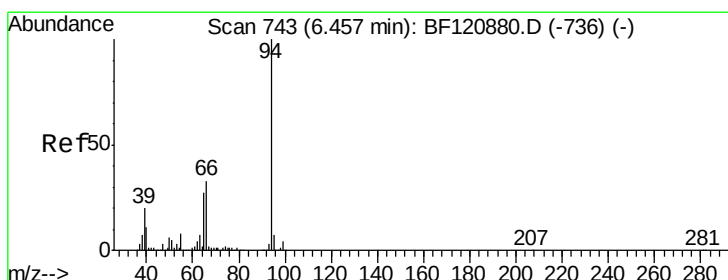
Tot Ion:	77	Resp:	209225
Ion	Ratio	Lower	Upper
77	100		
105	104.2	82.4	122.4
106	102.2	78.9	118.9

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#10

Phenol

Concen: 21.303 ng

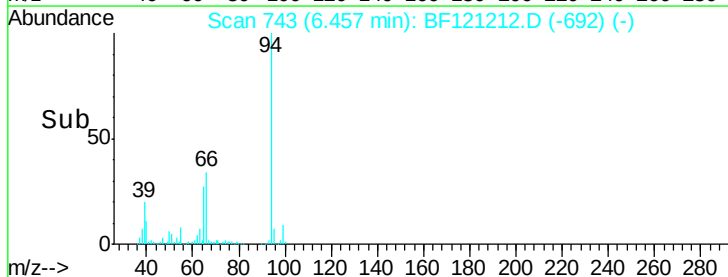
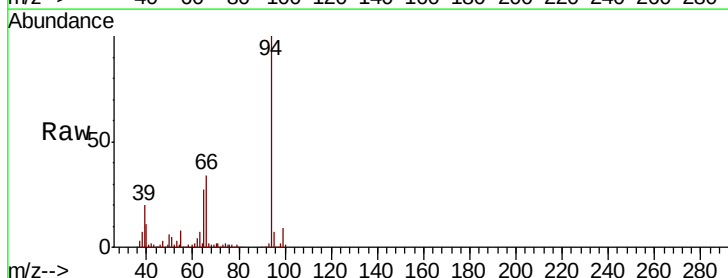
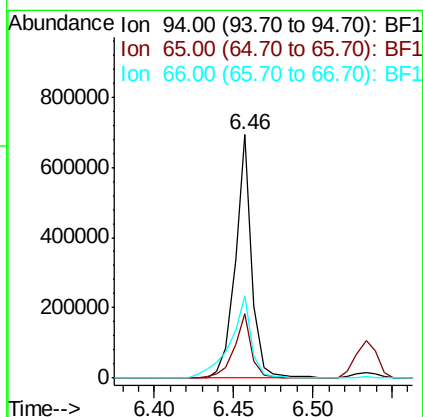
RT: 6.46 min Scan# 743

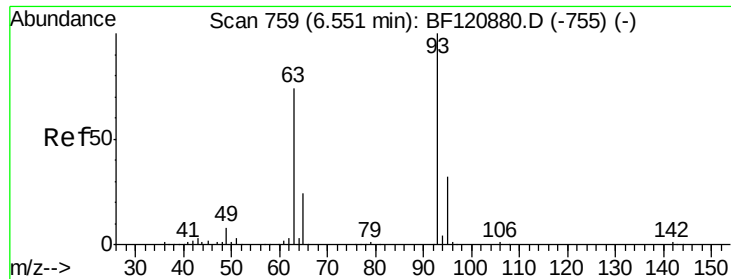
Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:	94	Resp:	497302
Ion	Ratio	Lower	Upper
94	100		
65	26.6	12.6	52.6
66	33.8	25.6	65.6



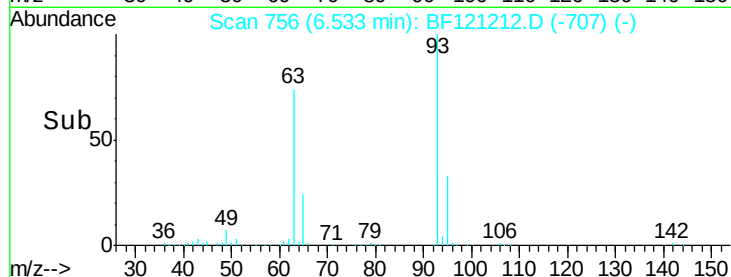
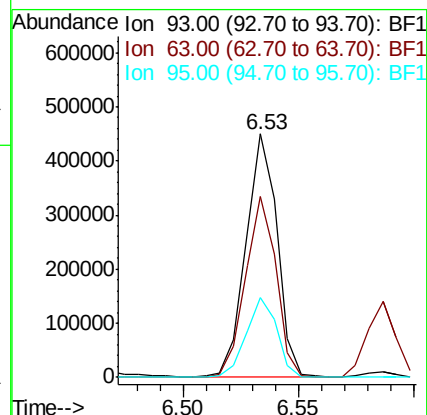
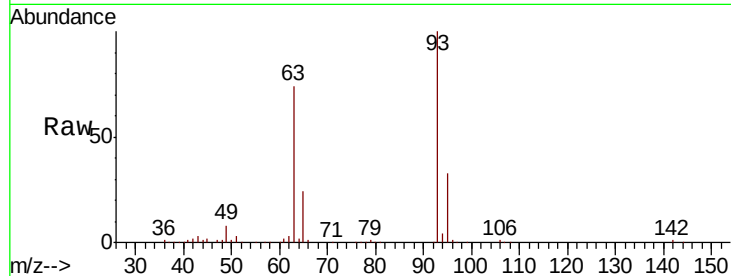


#11
bis(2-Chloroethyl)ether
Concen: 23.683 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

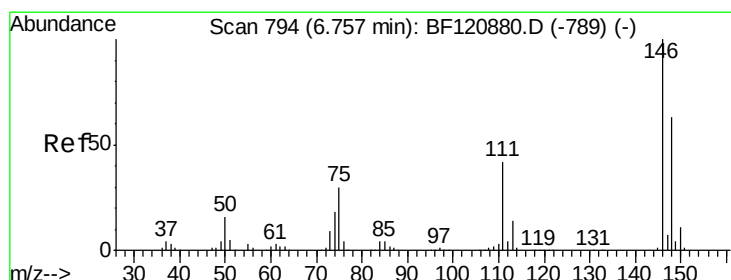
Tot Ion:	93	Resp:	423716
Ion	Ratio	Lower	Upper
93	100		
63	74.1	51.9	91.9
95	32.5	13.2	53.2

Manual Integrations
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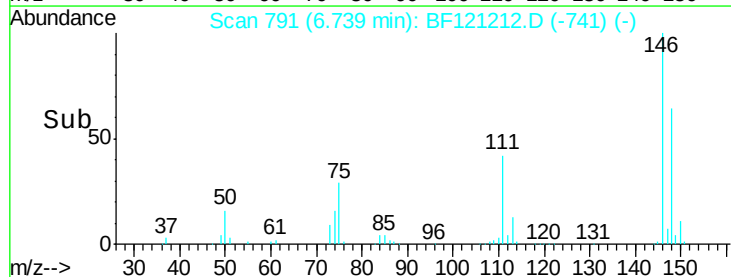
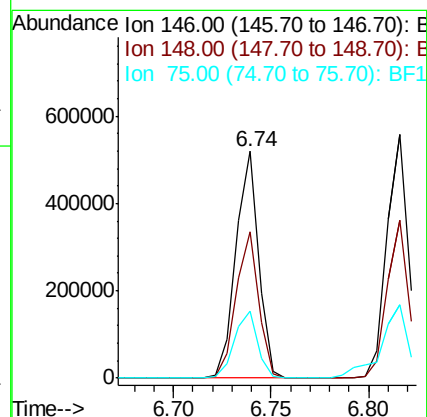
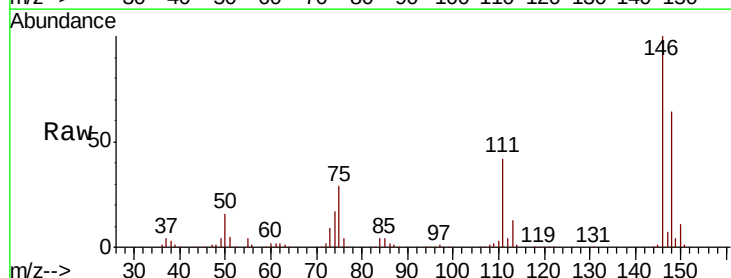
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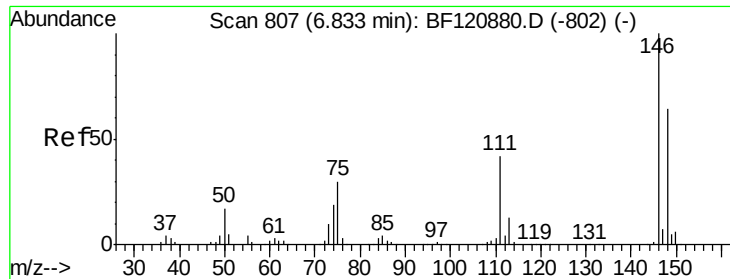
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#12
1,3-Dichlorobenzene
Concen: 21.407 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion:	146	Resp:	420107
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
75	29.4	23.8	35.6



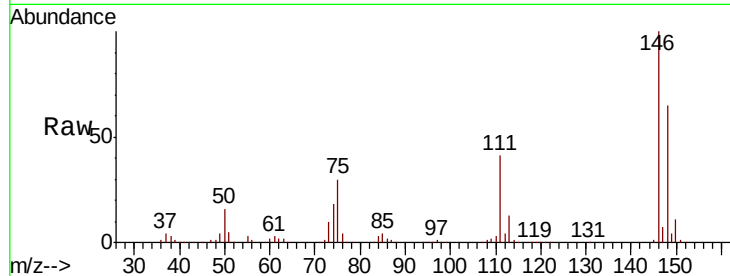


#13
 1,4-Dichlorobenzene
 Concen: 21.905 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
111	41.2	32.8	49.2

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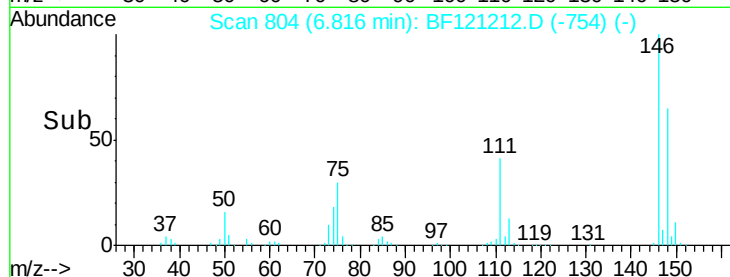
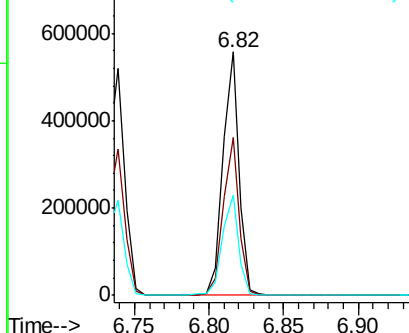


Abundance

Ion 146.00 (145.70 to 146.70): E

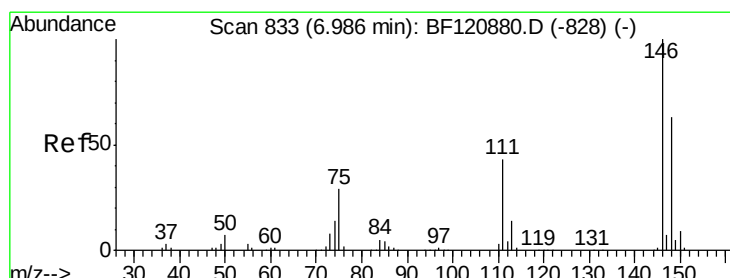
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



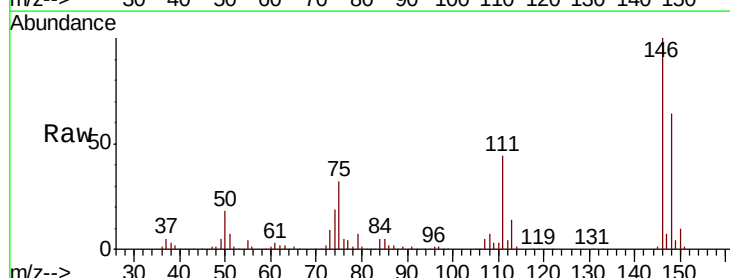
mohammad

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#14
 1,2-Dichlorobenzene
 Concen: 22.422 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	44.1	35.4	53.0

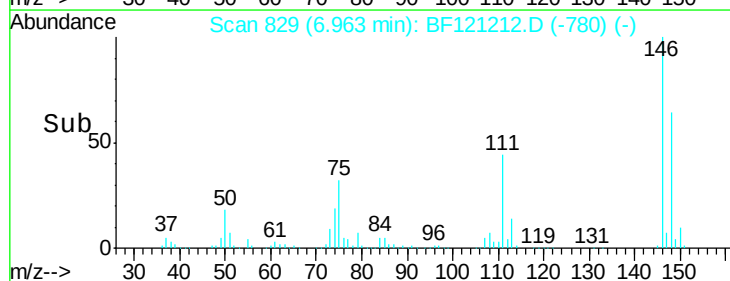
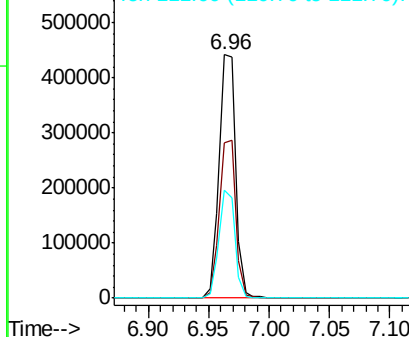


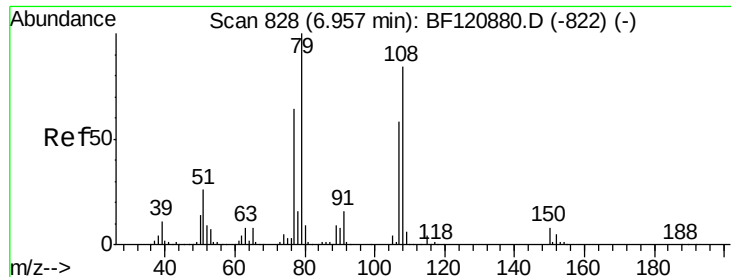
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.912 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

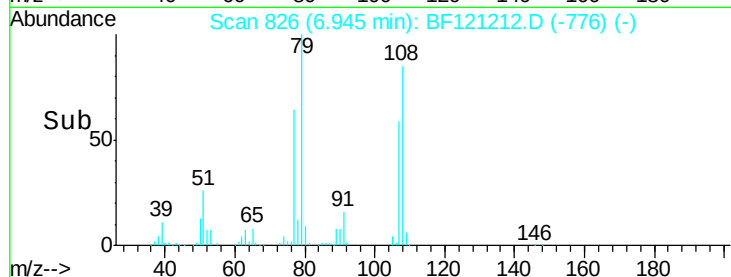
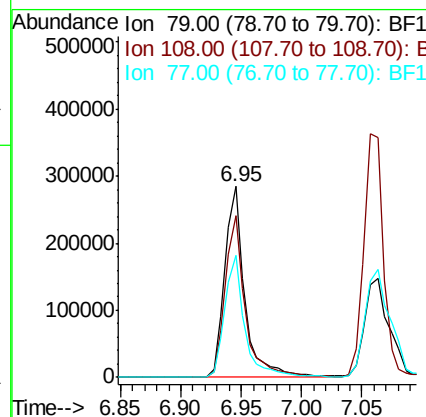
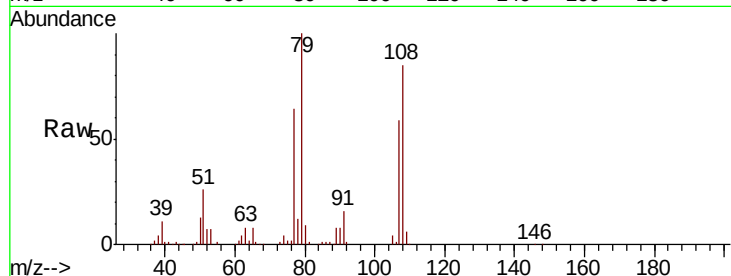
BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

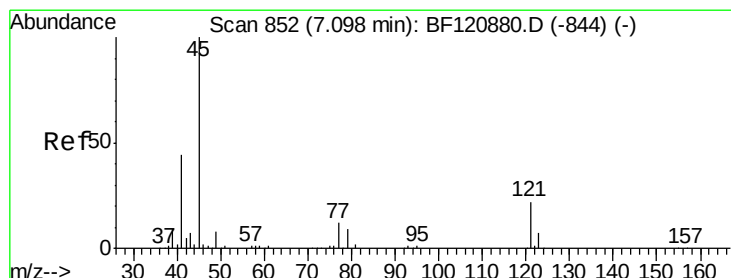
Tot Ion:	79	Resp:	328851
Ion	Ratio	Lower	Upper
79	100		
108	84.6	68.6	103.0
77	64.3	51.4	77.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 22.048 ng

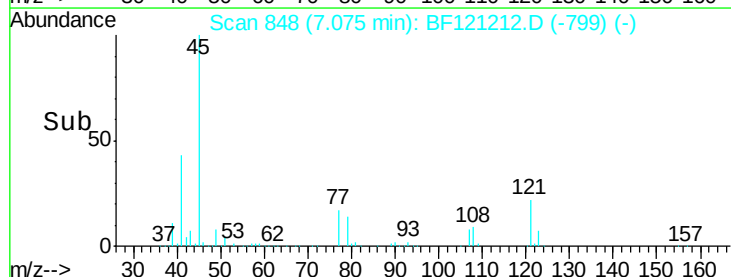
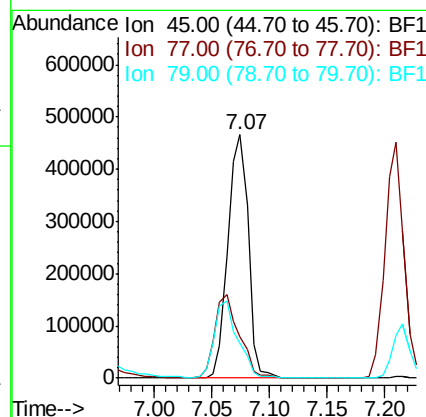
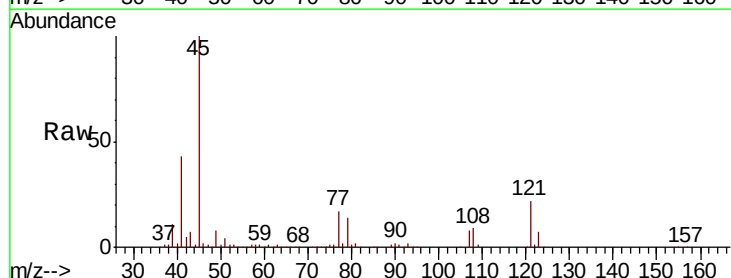
RT: 7.07 min Scan# 848

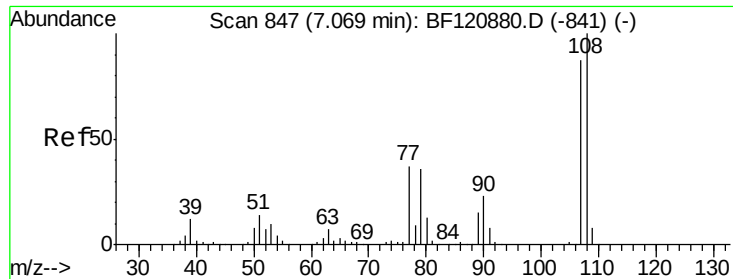
Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:	45	Resp:	568550
Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	34.7
79	14.2	0.0	32.0



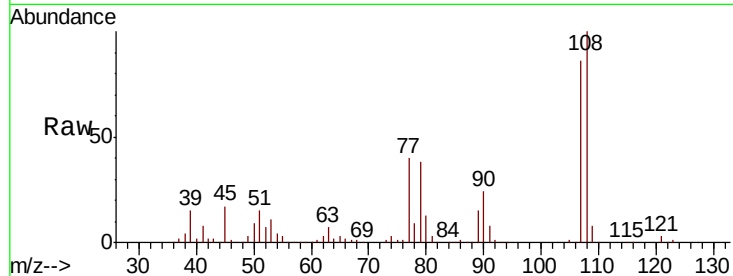


#17
2-Methylphenol
Concen: 21.934 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.3	91.2	136.8	
77	46.4	36.5	54.7	
79	44.2	35.0	52.6	

Manual Integrations
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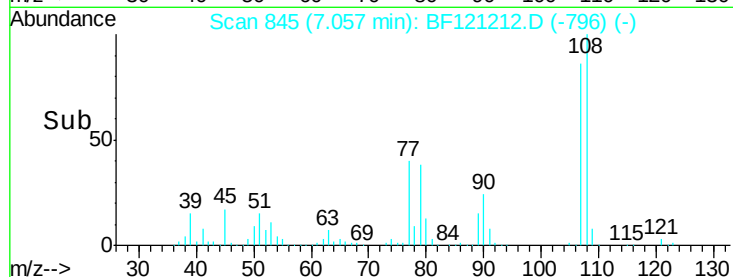
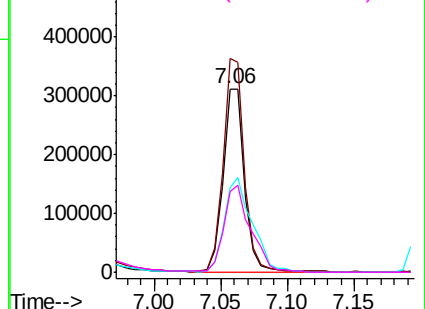
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

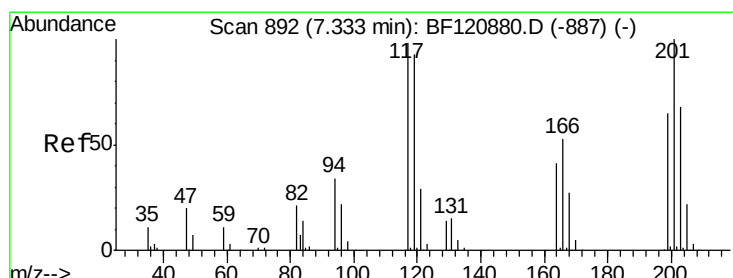
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



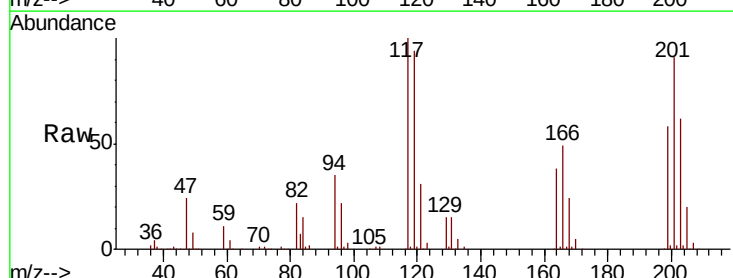
mohammad

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#18
Hexachloroethane
Concen: 21.355 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	76.6	114.8	
201	90.8	75.0	112.4	

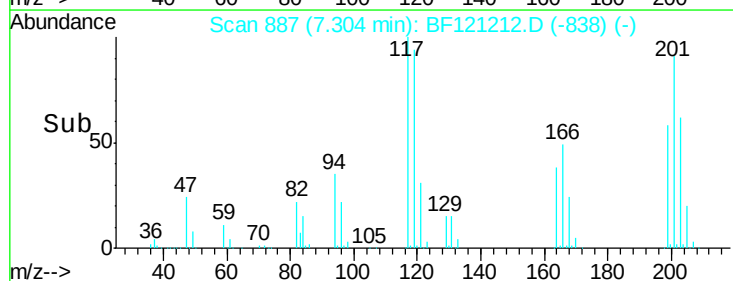
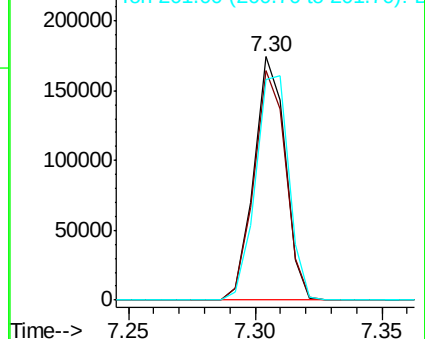


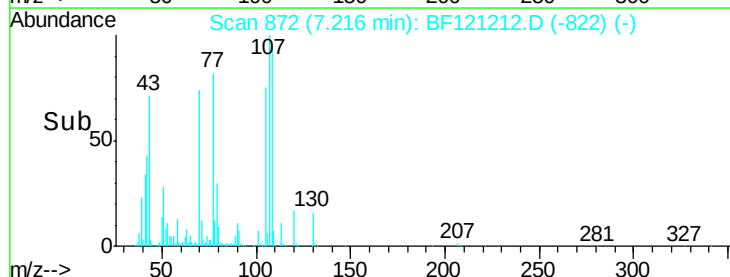
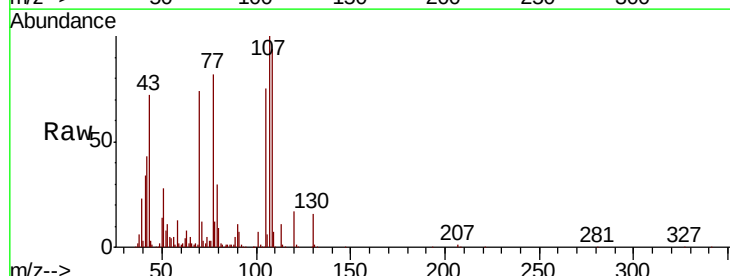
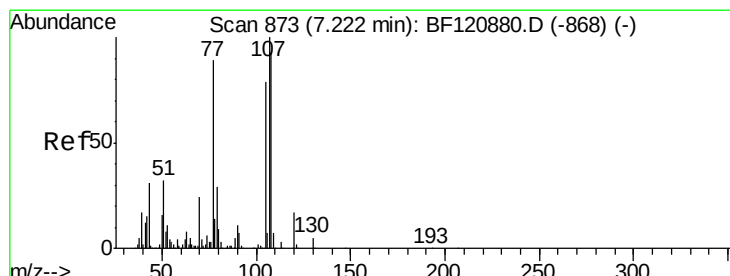
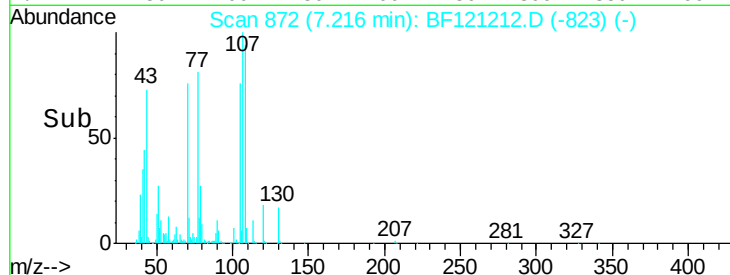
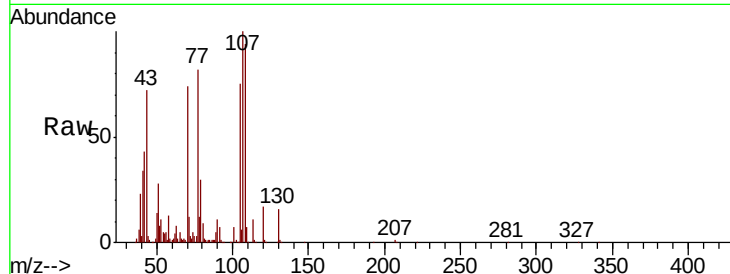
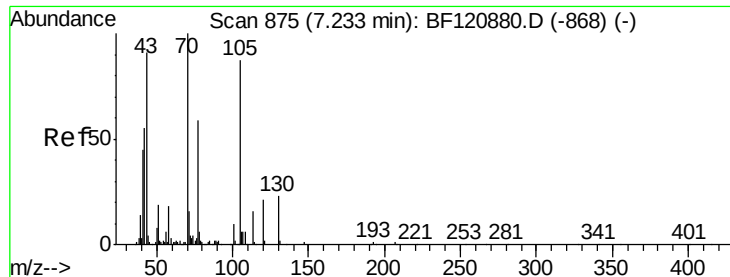
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

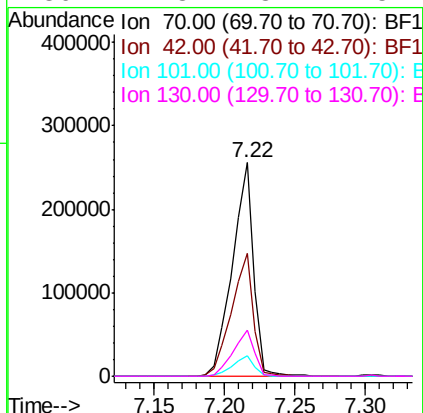
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 22.116 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.8	43.3	64.9		
101	9.5	8.4	12.6		
130	21.8	18.7	28.1		



Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

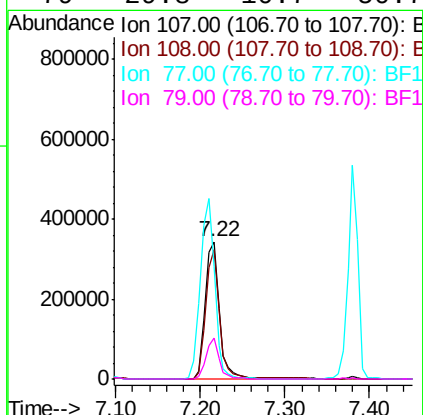
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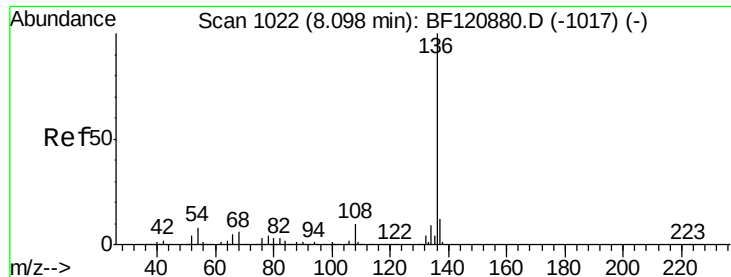
mohammad

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#20
3+4-Methylphenols
Concen: 19.802 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.4	73.7	113.7		
77	82.3	84.9	124.9		
79	29.8	10.7	50.7		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

Tot Ion:136 Resp: 1038513

Ion Ratio Lower Upper

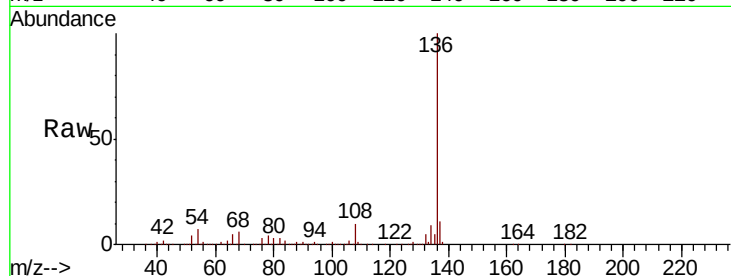
136 100

137 11.1 9.0 13.4

54 7.4 6.1 9.1

68 5.9 5.0 7.6

Manual Integrations
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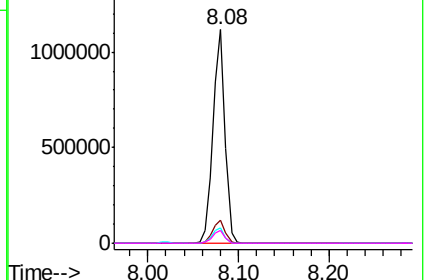
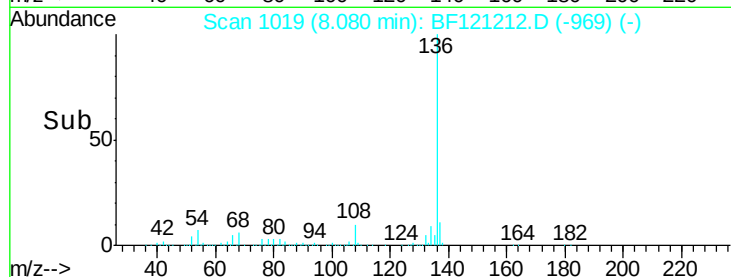


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

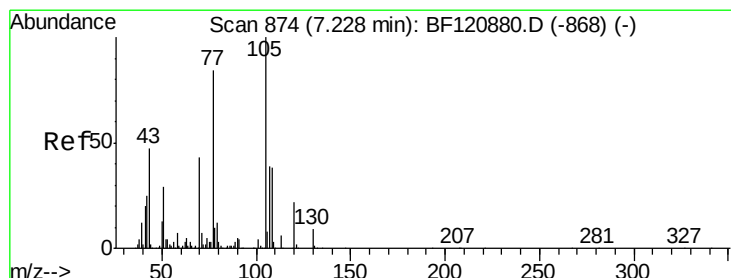
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



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#22

Acetophenone

Concen: 23.708 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:105 Resp: 552563

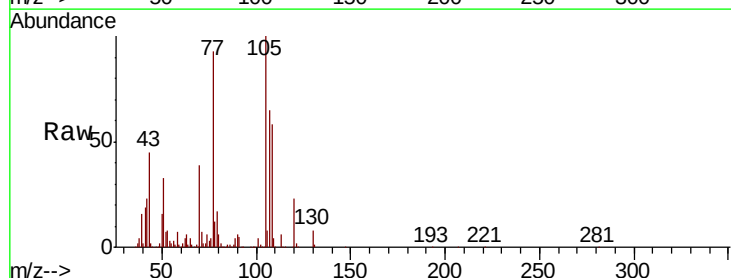
Ion Ratio Lower Upper

105 100

71 6.7 3.8 5.8#

51 33.1 28.0 42.0

120 22.5 17.8 26.6

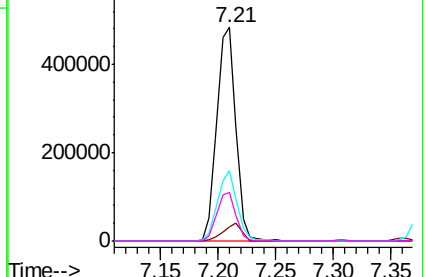
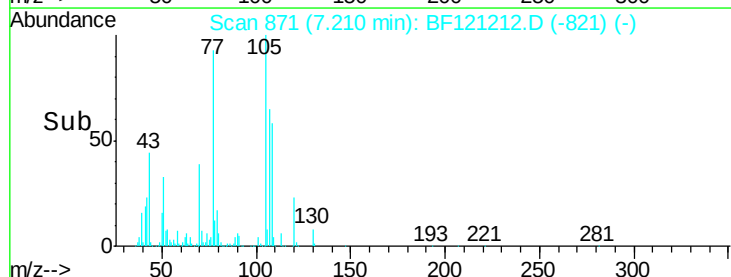


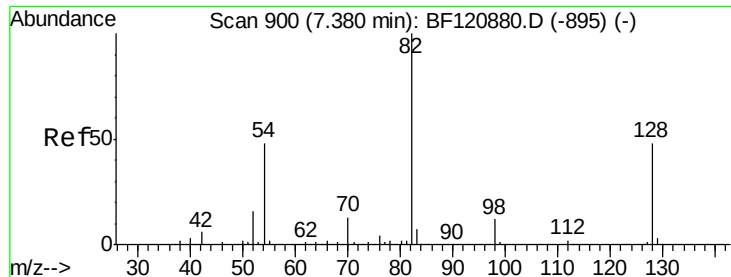
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



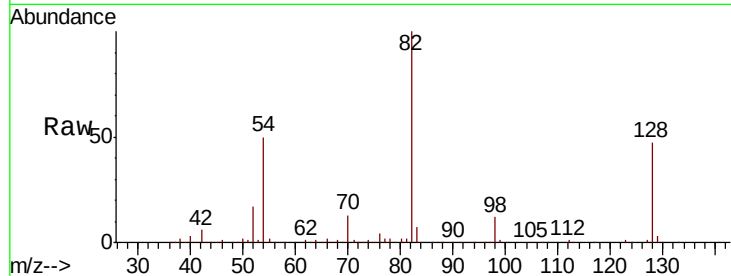


#23
Nitrobenzene-d5
Concen: 44.509 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

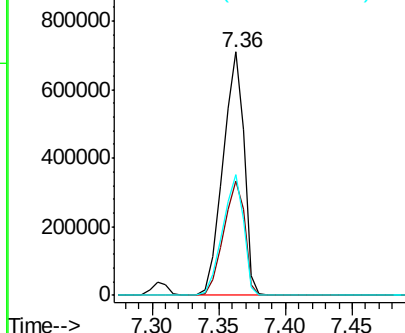
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion:	82	Resp:	798844
Ion Ratio	Lower	Upper	
82	100		
128	46.7	39.2	58.8
54	49.6	37.8	56.8

Manual Integrations
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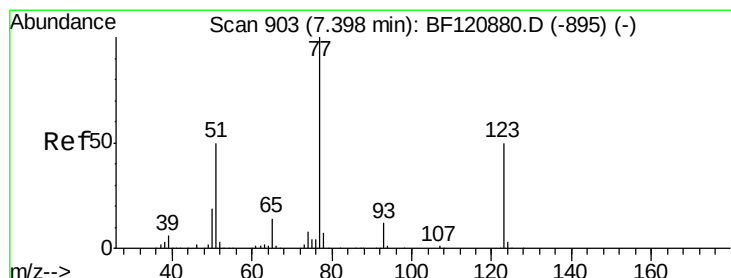
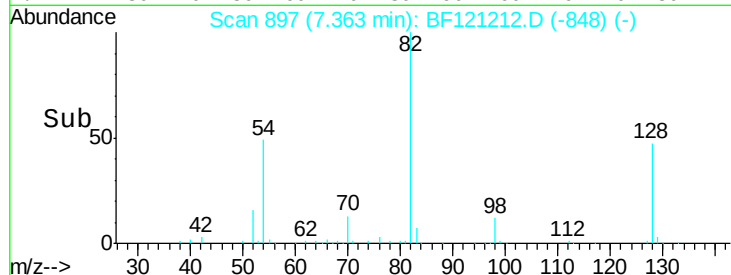


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



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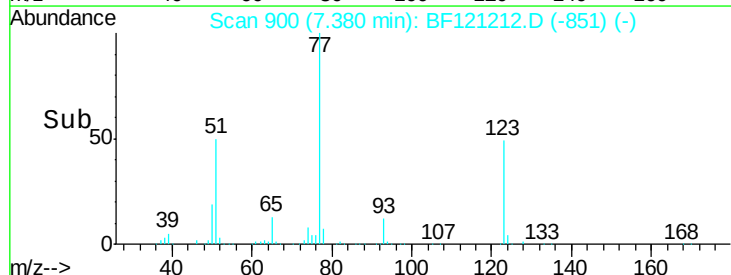
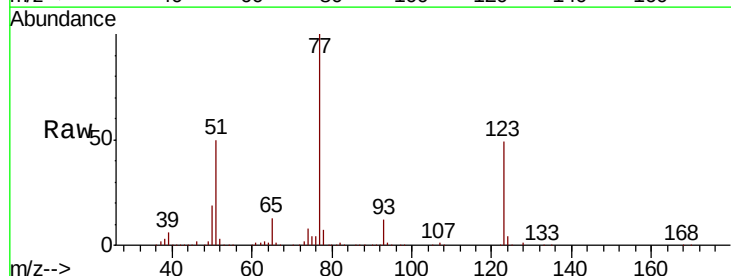
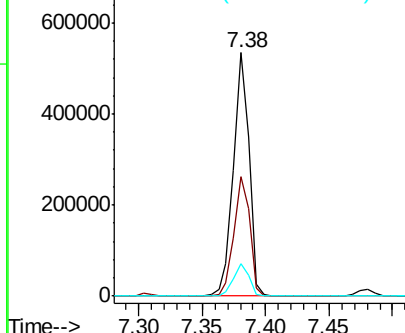
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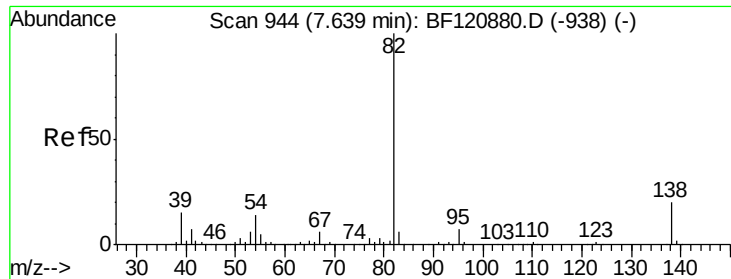


#24
Nitrobenzene
Concen: 23.383 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion:	77	Resp:	452314
Ion Ratio	Lower	Upper	
77	100		
123	48.9	41.0	61.6
65	13.4	10.3	15.5

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 22.631 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

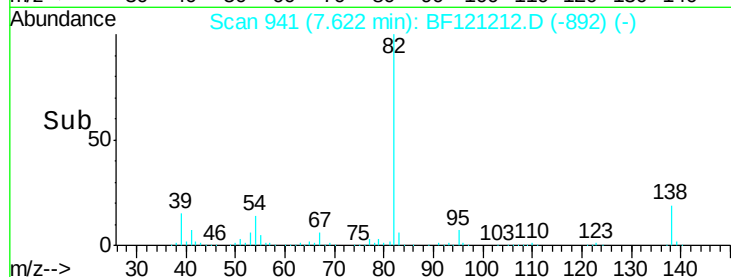
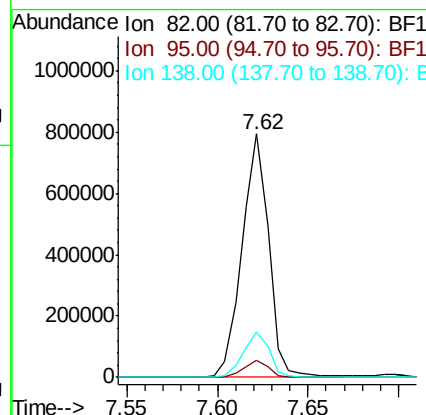
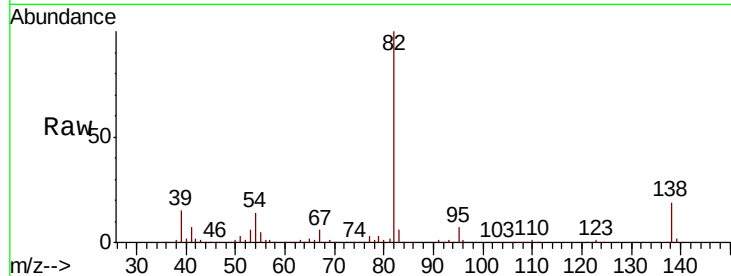
BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

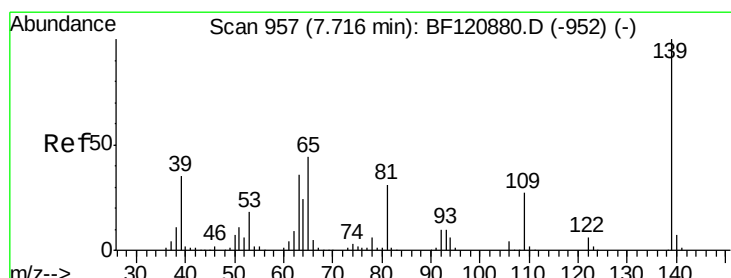
Tot Ion:	82	Resp:	810622
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	18.8	16.2	24.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.053 ng

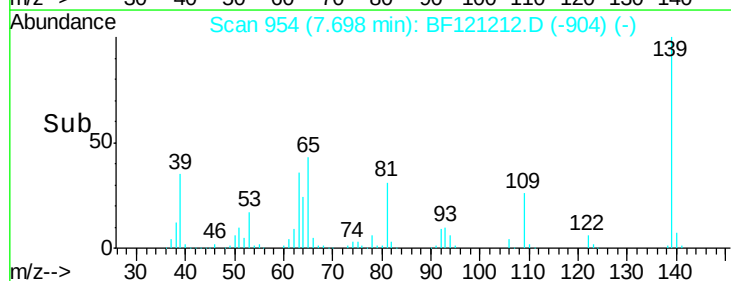
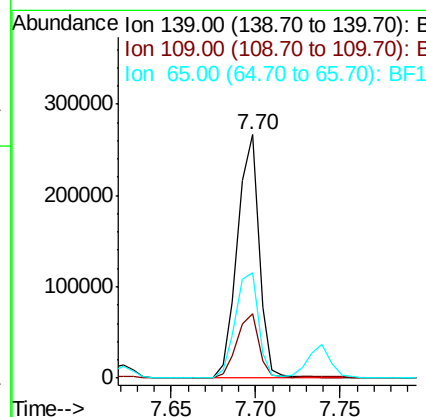
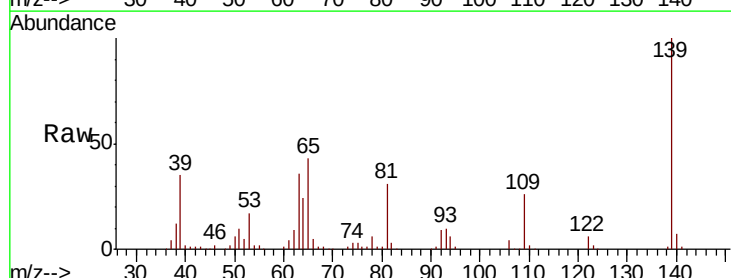
RT: 7.70 min Scan# 954

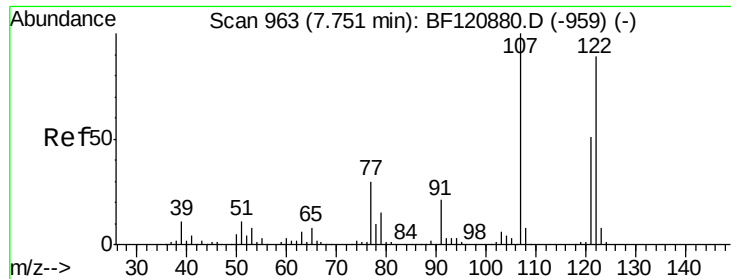
Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:	139	Resp:	239350
Ion Ratio	Lower	Upper	
139	100		
109	26.3	21.7	32.5
65	43.1	36.3	54.5



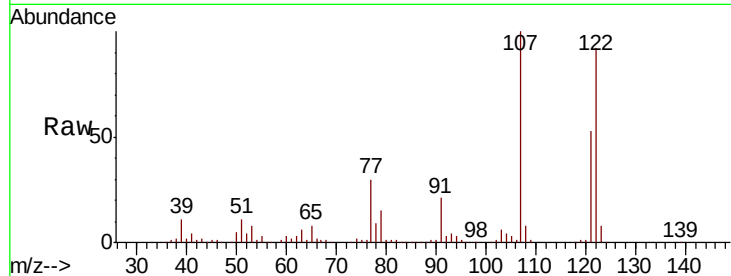


#27
2,4-Dimethylphenol
Concen: 25.824 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

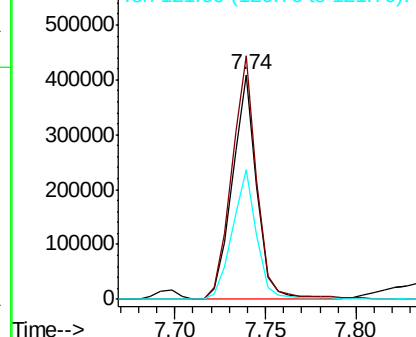
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	108.3	87.1	130.7		
121	57.7	45.5	68.3		

Manual Integrations
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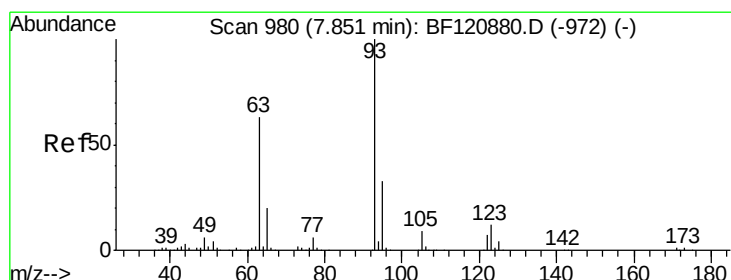
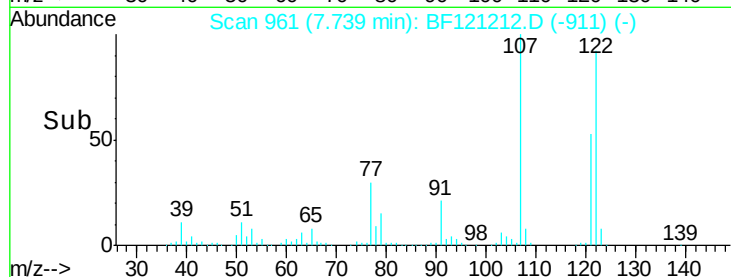


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



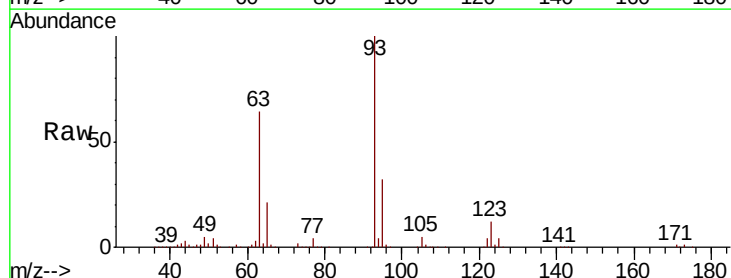
mohammad

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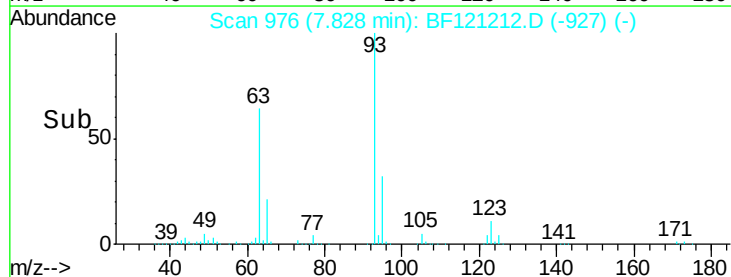
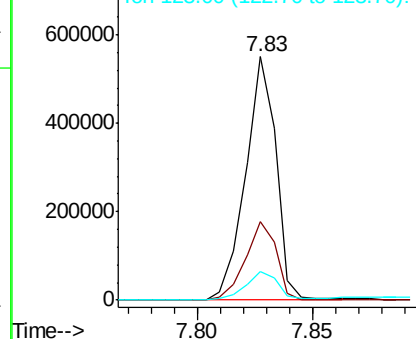


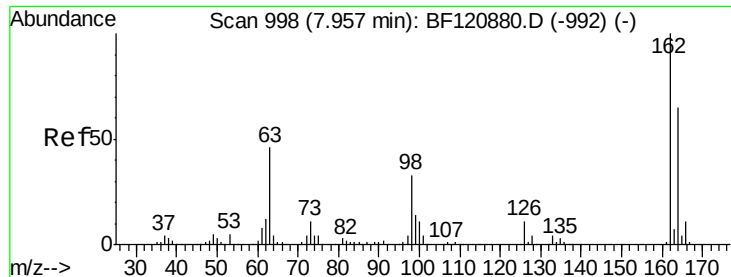
#28
bis(2-Chloroethoxy)methane
Concen: 23.249 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.4	26.2	39.4		
123	11.6	9.5	14.3		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



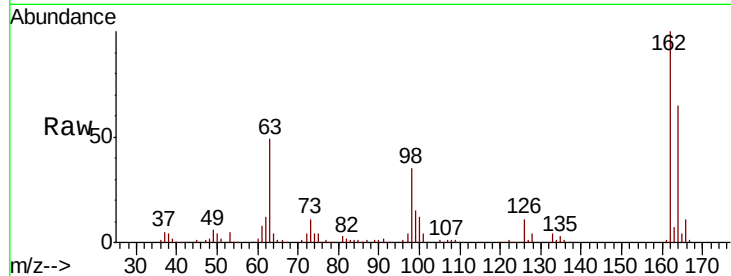


#29
2,4-Dichlorophenol
Concen: 24.699 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

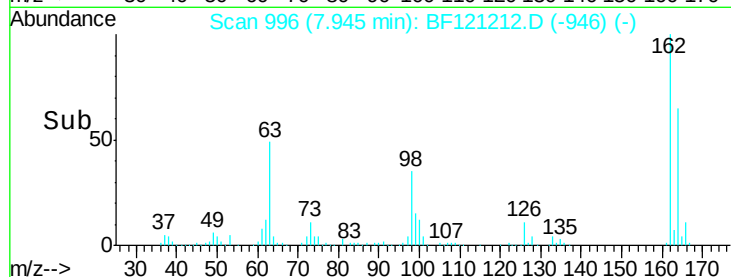
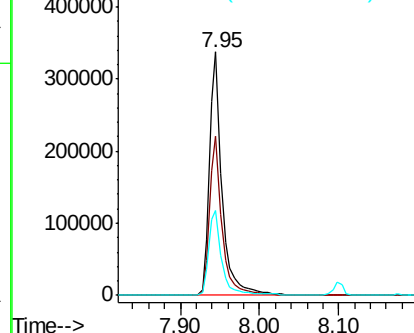
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	376473		
164	65.2	44.7	84.7	
98	34.9	14.2	54.2	

Manual Integrations
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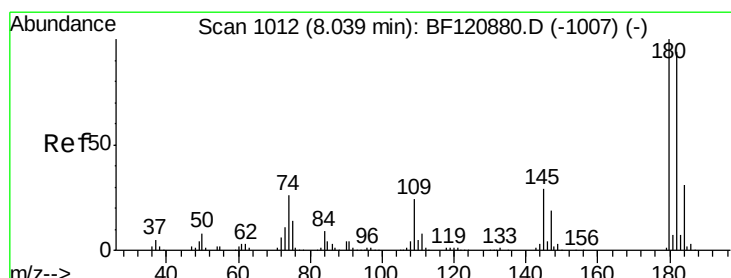


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



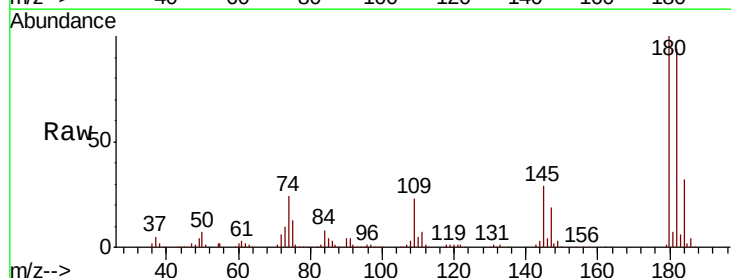
mohammad

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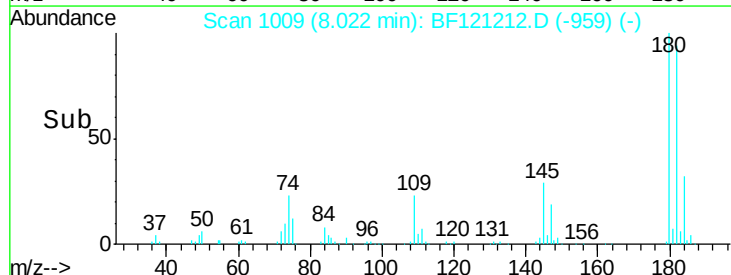
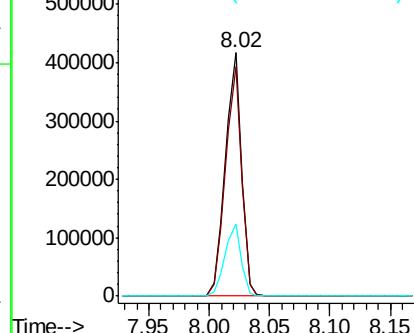


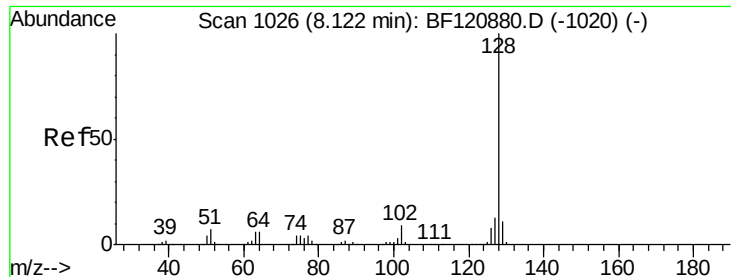
#30
1,2,4-Trichlorobenzene
Concen: 22.772 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385100		
182	94.4	76.4	114.6	
145	29.4	24.2	36.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



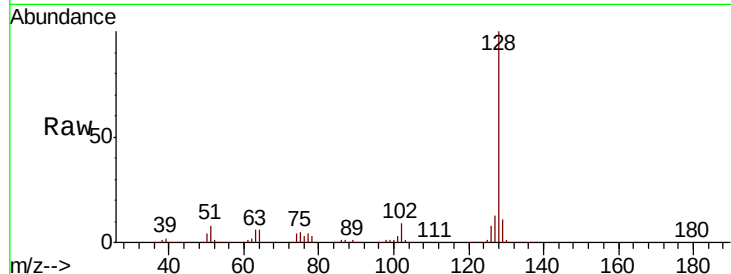


#31
Naphthalene
Concen: 22.237 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

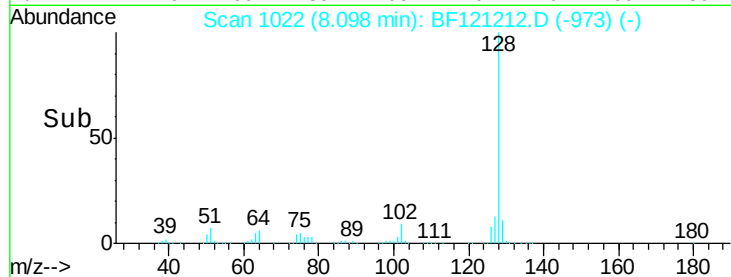
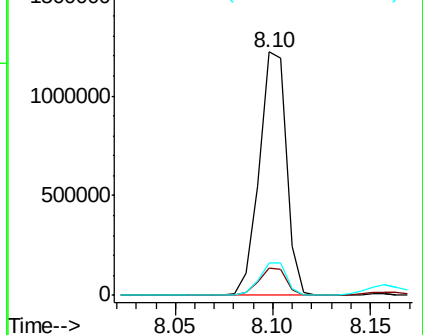
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	10.8	16.2

Manual Integrations
APPROVED

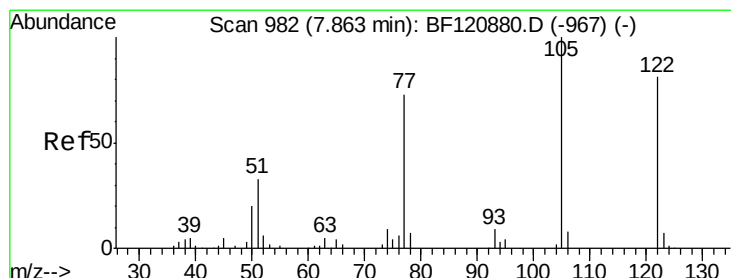


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



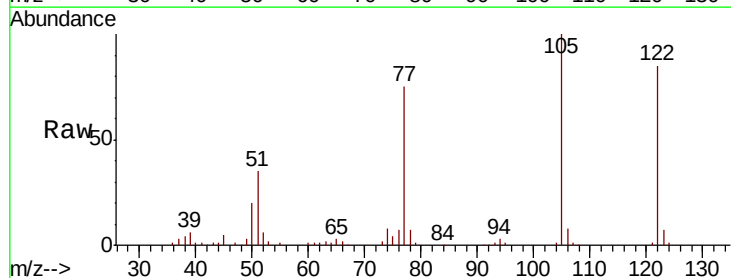
mohammad

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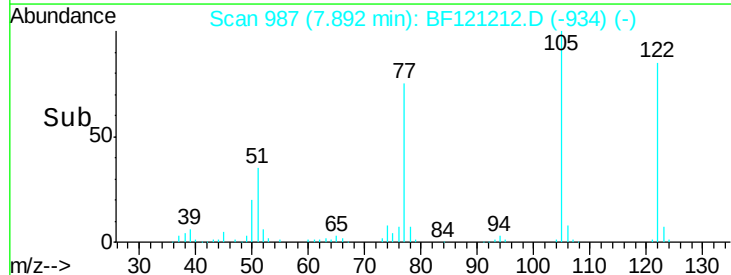
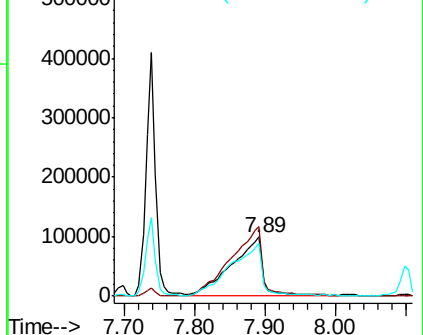


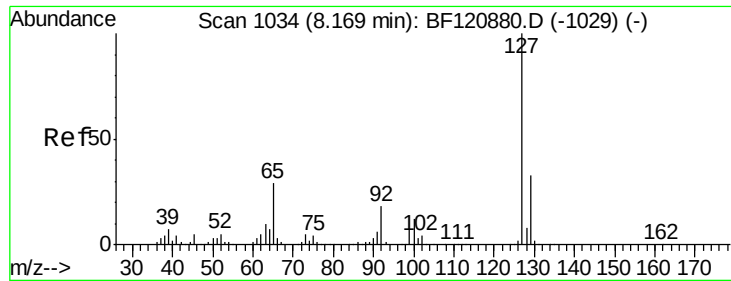
#32
Benzoic acid
Concen: 26.589 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	100.9	140.9
77	89.0	67.8	107.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



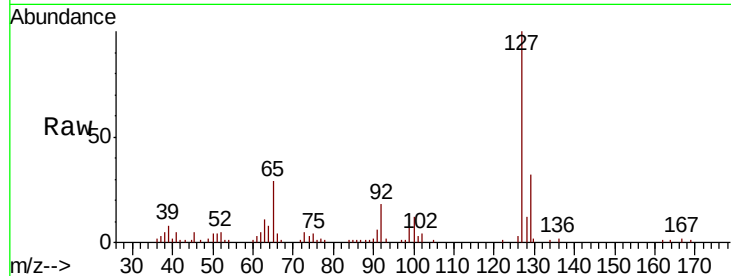


#33
4-Chloroaniline
Concen: 3.961 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

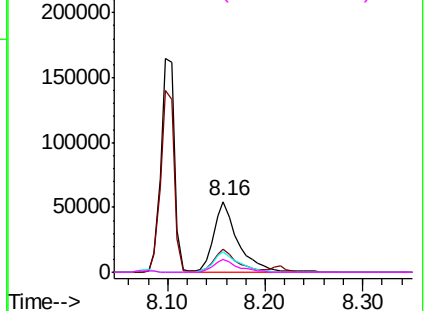
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.2	39.2		
65	29.3	21.4	32.0		
92	18.4	13.8	20.8		

Manual Integrations
APPROVED

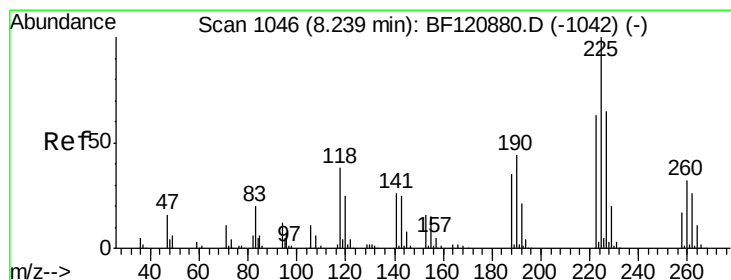
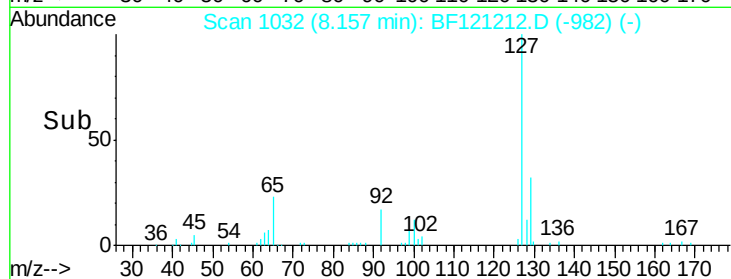


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



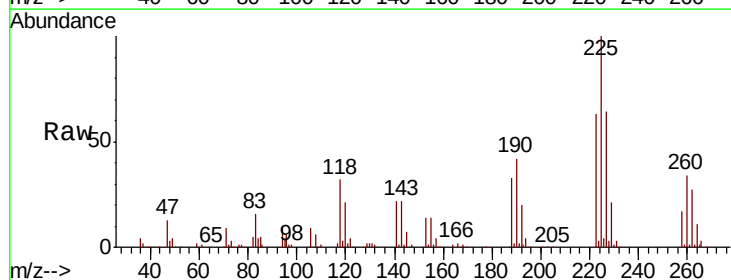
mohammad

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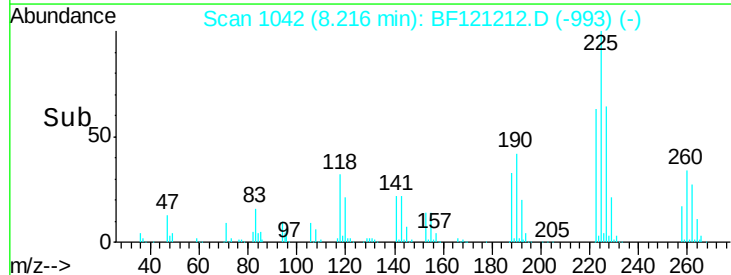
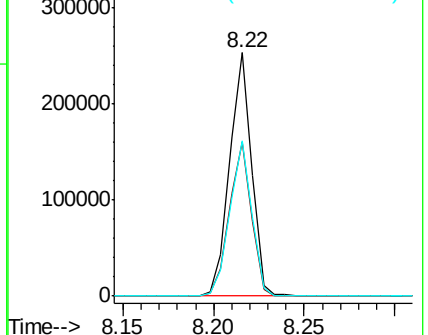


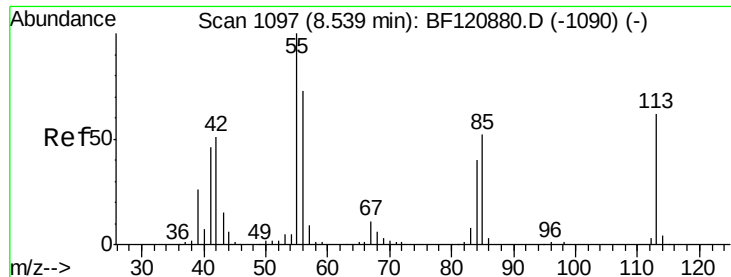
#34
Hexachlorobutadiene
Concen: 21.549 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.7	74.5		
227	63.9	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



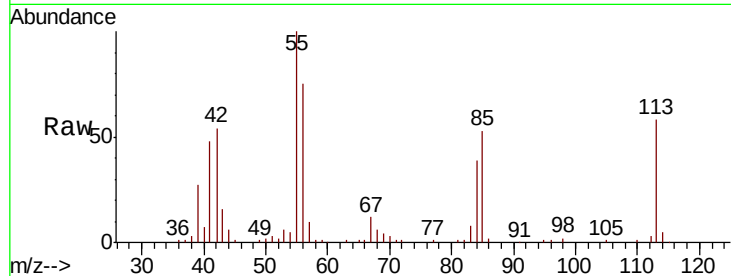


#35
Caprolactam
Concen: 21.036 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.2	131.0	171.0#
56	128.9	90.4	130.4

Manual Integrations
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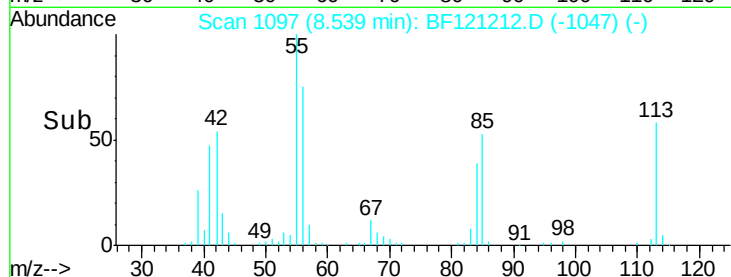
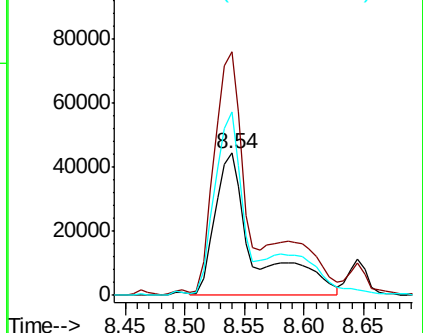


Abundance

Ion 113.00 (112.70 to 113.70): E

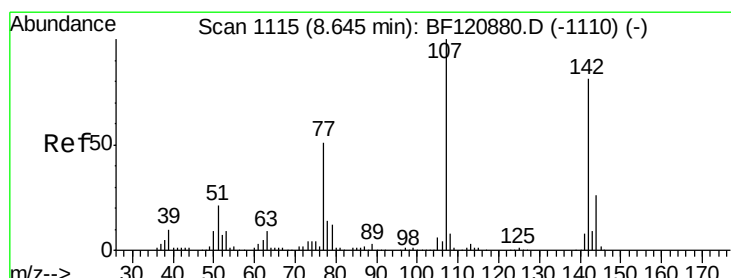
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



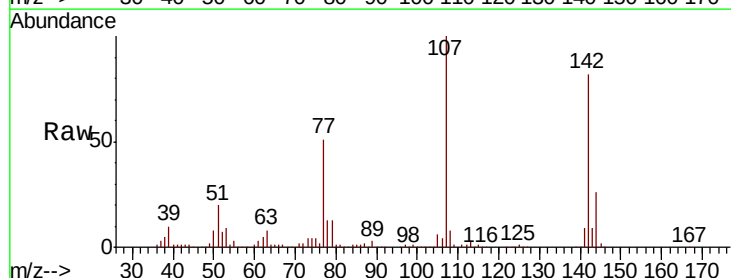
mohammad

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#36
4-Chloro-3-methylphenol
Concen: 24.788 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	81.8	64.5	96.7

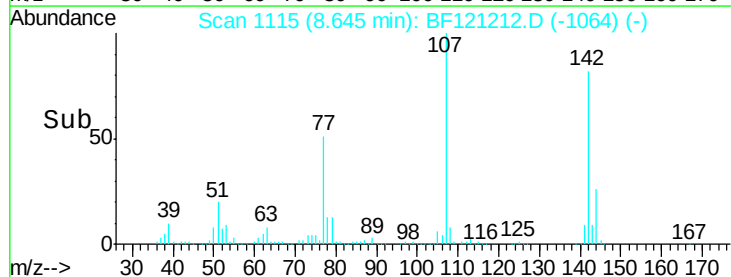
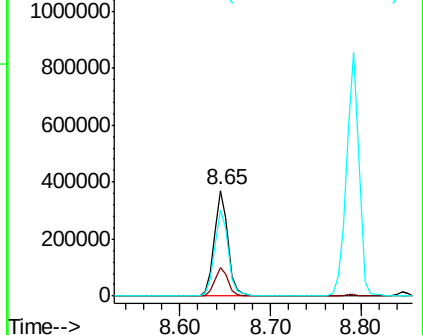


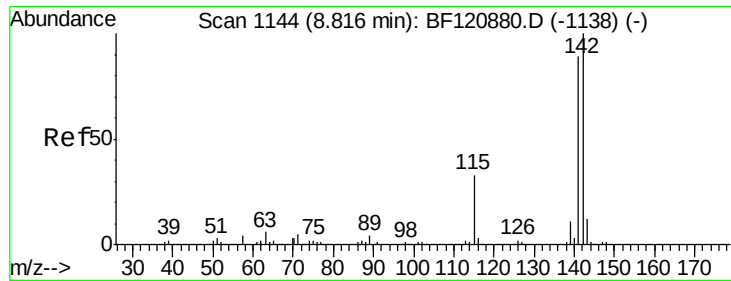
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



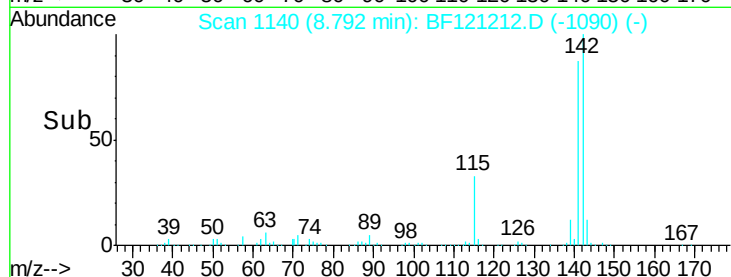
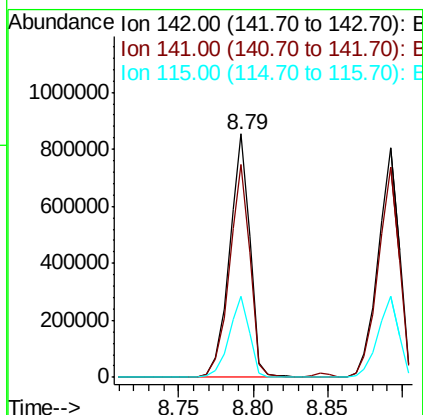
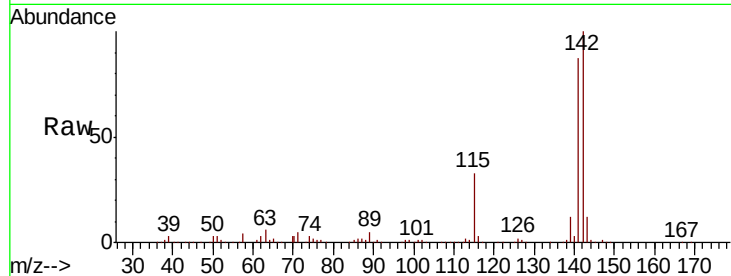


#37
2-Methylnaphthalene
Concen: 23.860 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

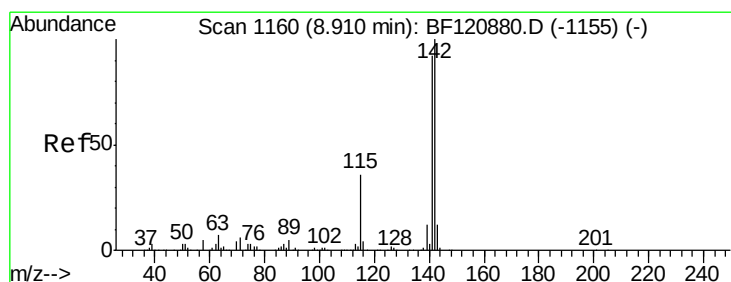
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.6	105.8
115	33.4	27.1	40.7

Manual Integrations
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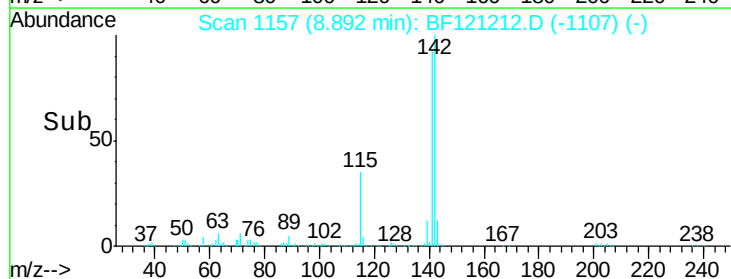
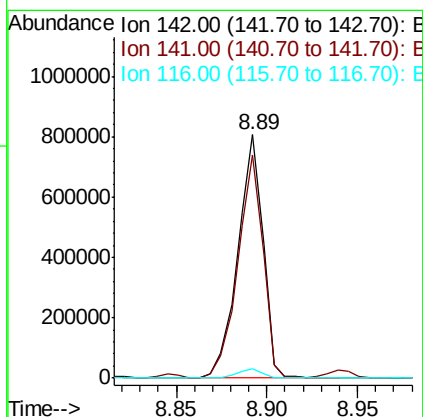
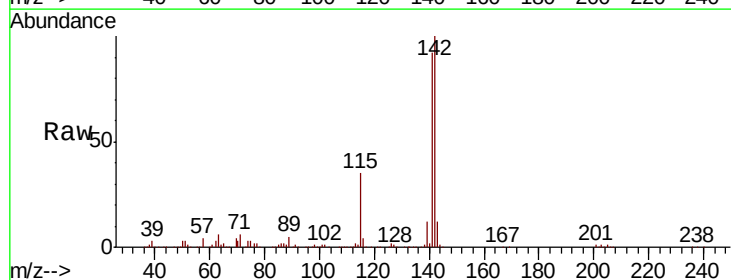
mohammad

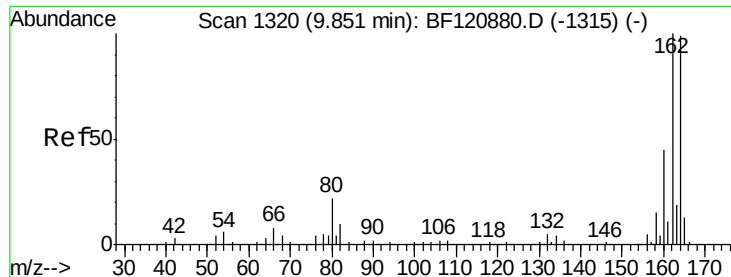
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#38
1-Methylnaphthalene
Concen: 23.679 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

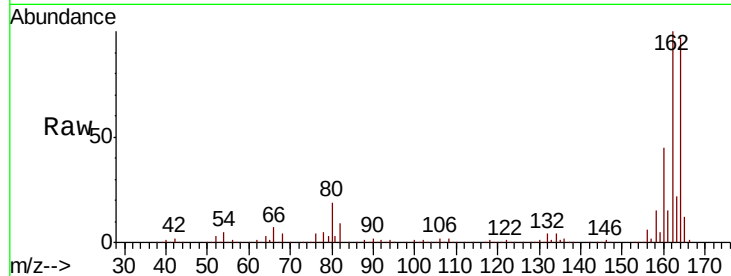
BNA_F

ClientSampleId :

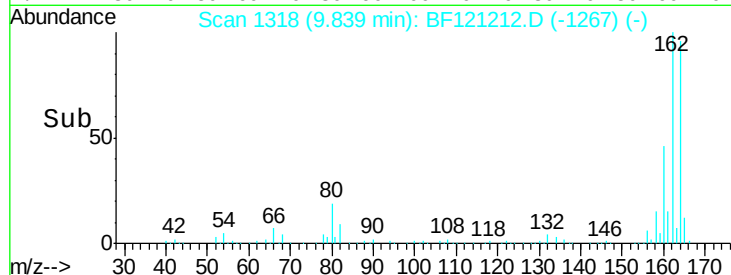
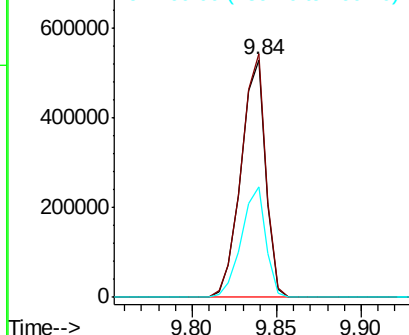
JTY1-WC-S-BL-IBMSD

Tot Ion:	164	Resp:	540546
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.2	123.2
160	46.6	37.2	55.8

Manual Integrations
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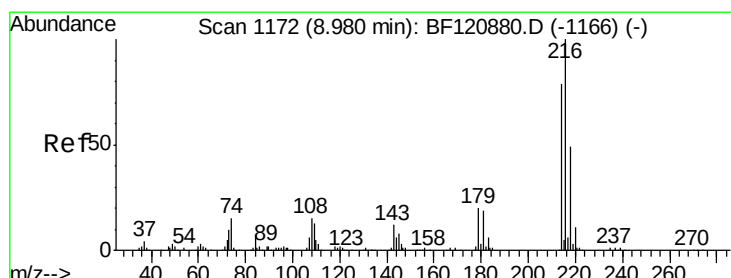


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.647 ng

RT: 8.96 min Scan# 1168

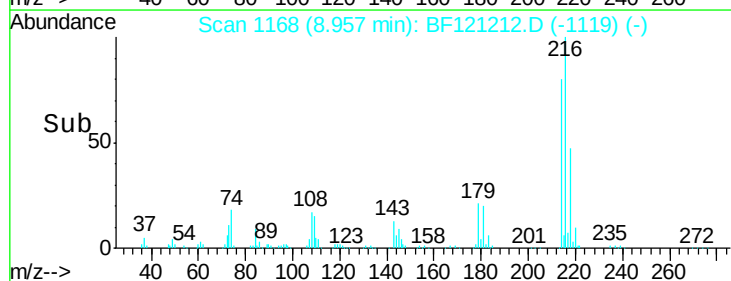
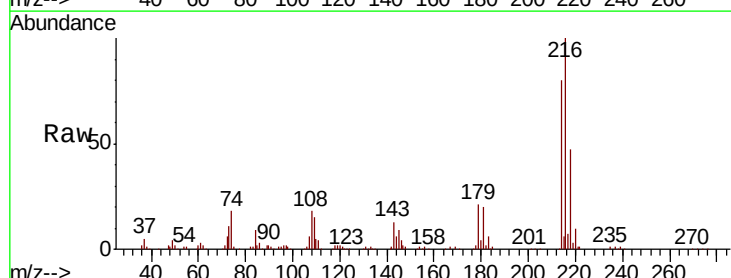
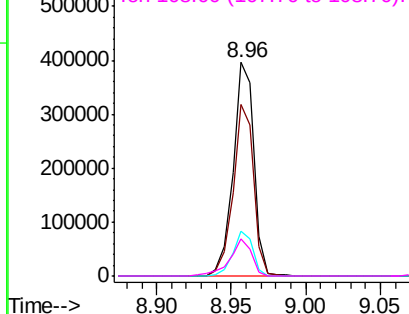
Delta R.T. -0.01 min

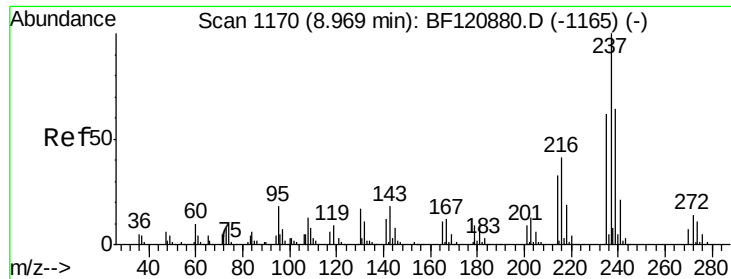
Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:	216	Resp:	388165
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.9	95.9
179	20.3	16.6	24.8
108	18.5	15.0	22.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



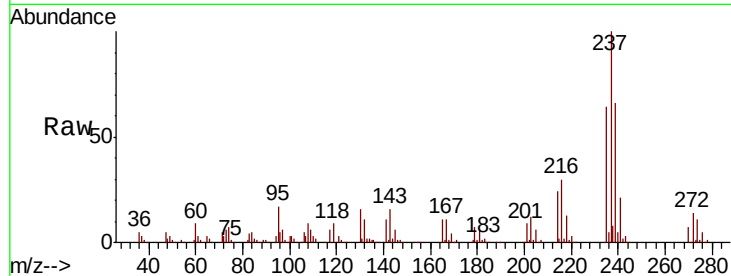


#41
Hexachlorocyclopentadiene
Concen: 22.129 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

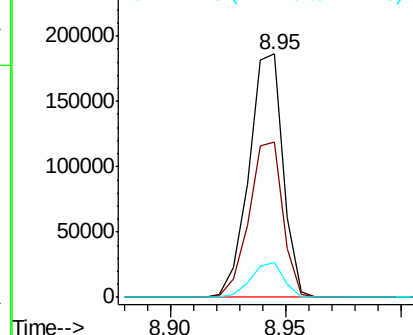
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.2	83.2
272	14.3	0.0	33.6

Manual Integrations
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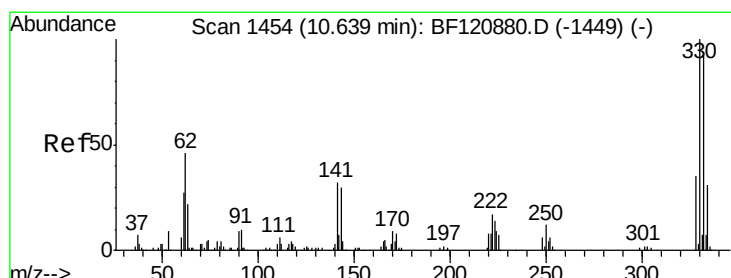
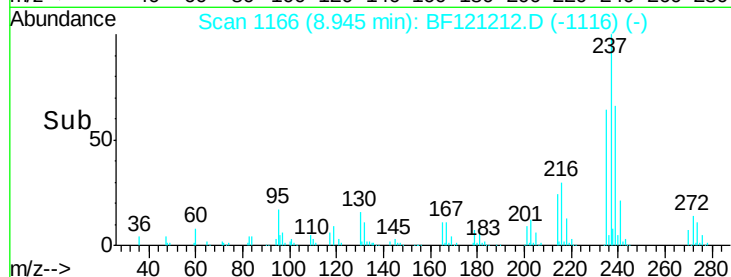


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



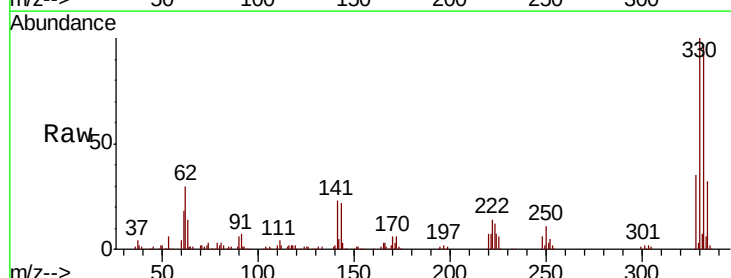
mohammad

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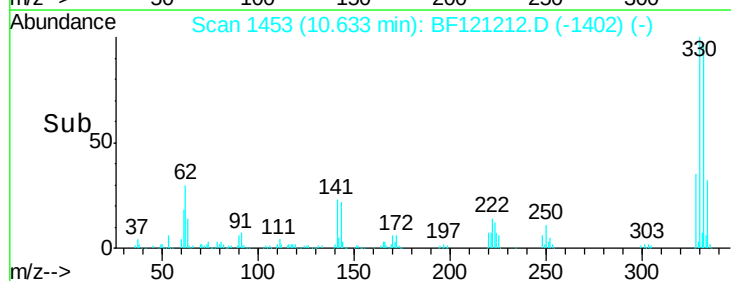
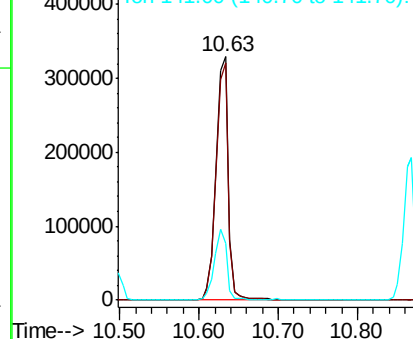


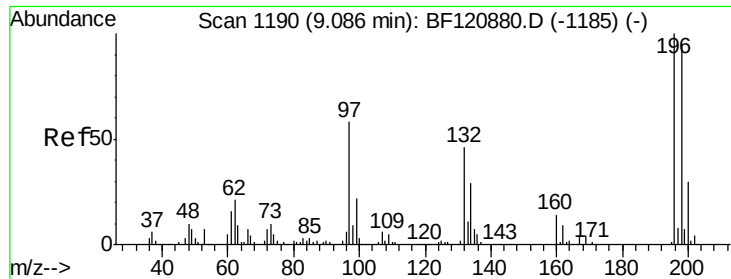
#42
2,4,6-Tribromophenol
Concen: 60.142 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	29.5	24.1	36.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



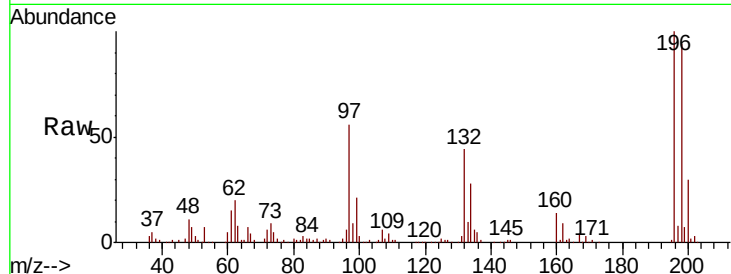


#43
 2,4,6-Trichlorophenol
 Concen: 24.494 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

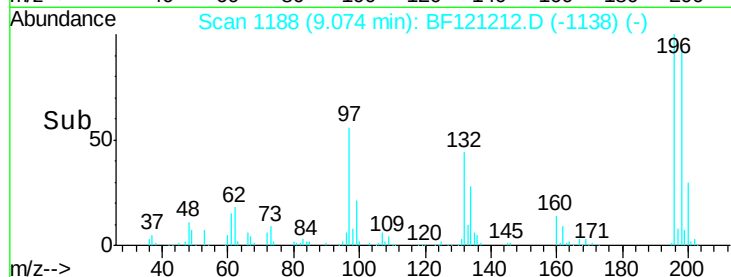
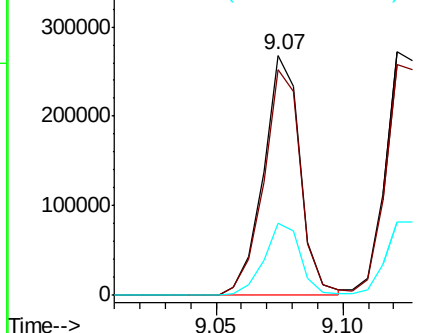
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Tot Ion:	196	Resp:	271609
Ion Ratio	Lower	Upper	
196	100		
198	94.1	77.5	116.3
200	30.2	24.6	37.0

Manual Integrations
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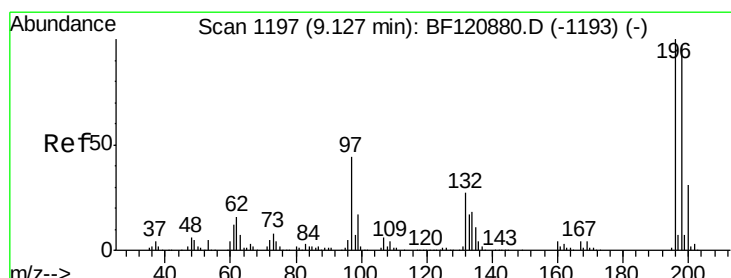


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



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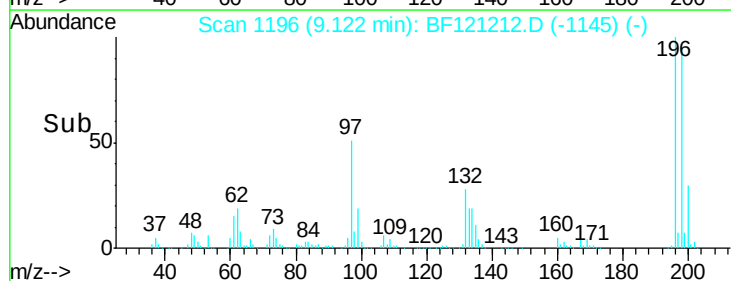
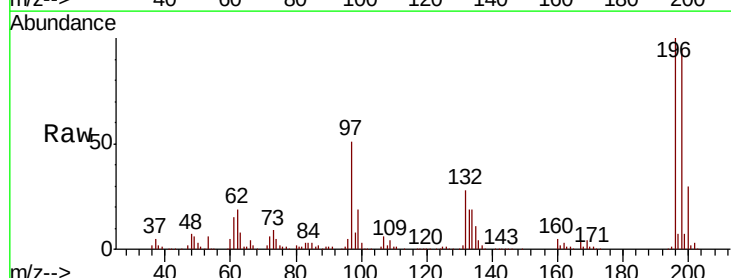
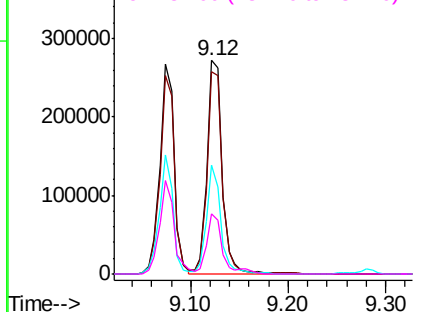
8/7/2020 1:51:04 PM

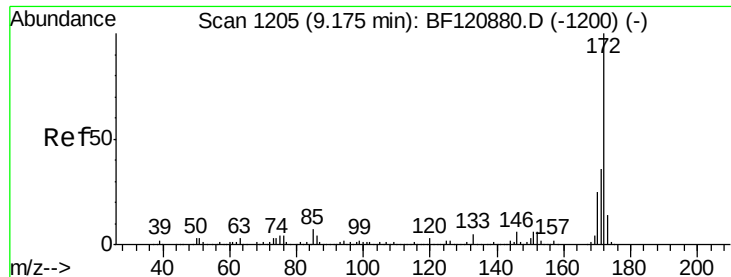


#44
 2,4,5-Trichlorophenol
 Concen: 23.329 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tgt Ion:	196	Resp:	293443
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.4
97	50.8	37.3	55.9
132	28.3	22.0	33.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



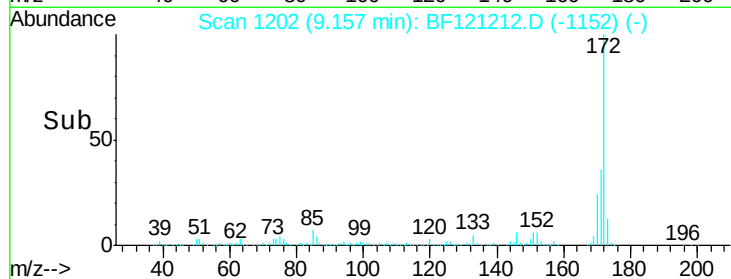
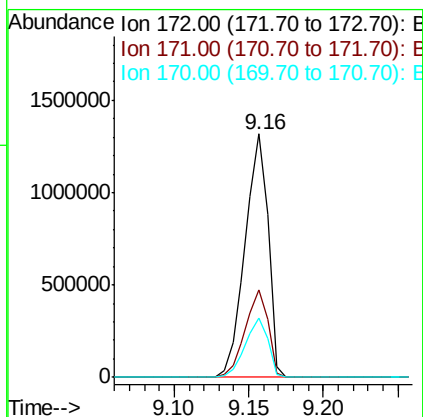
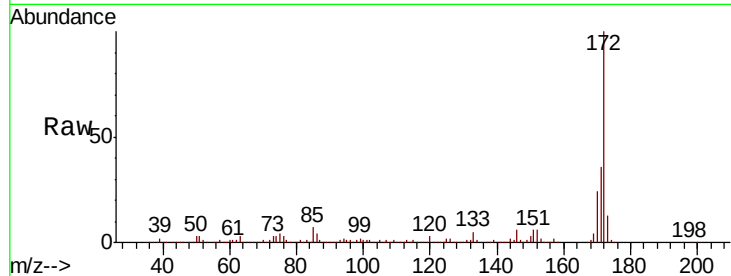


#45
2-Fluorobiphenyl
Concen: 38.924 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

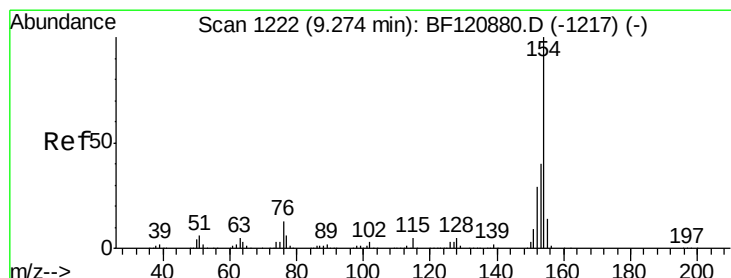
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.3	19.6	29.4

Manual Integrations
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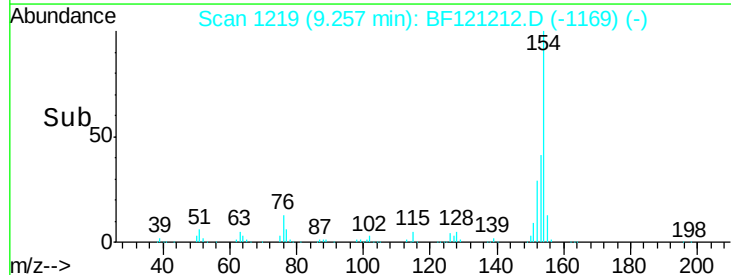
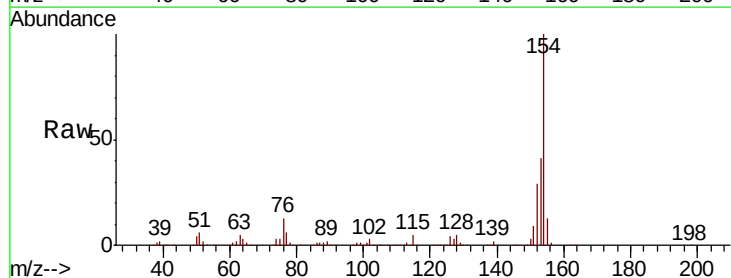
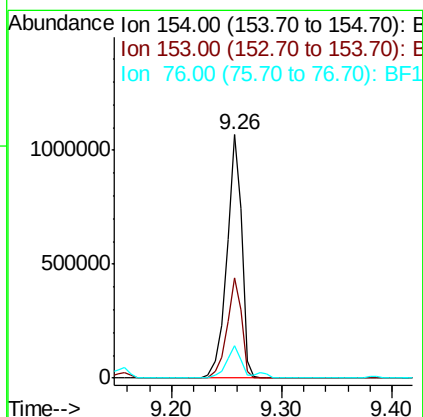
mohammad

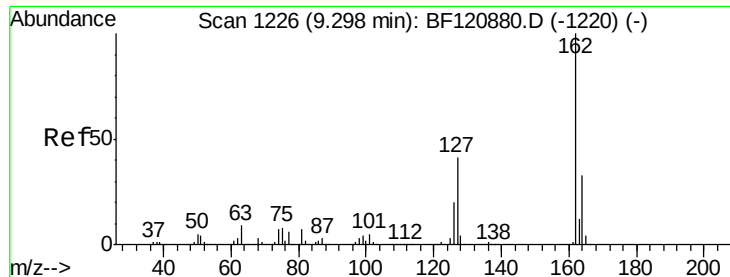
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#46
1,1'-Biphenyl
Concen: 24.200 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	13.1	0.0	33.4



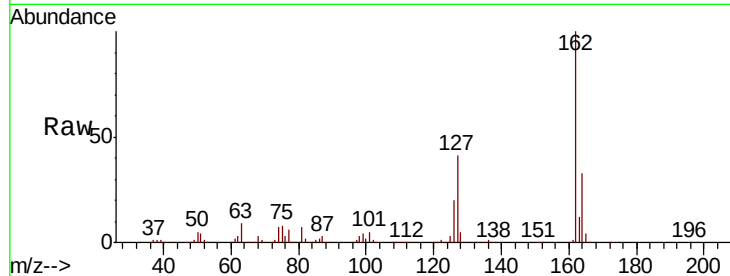


#47
2-Chloronaphthalene
Concen: 22.899 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

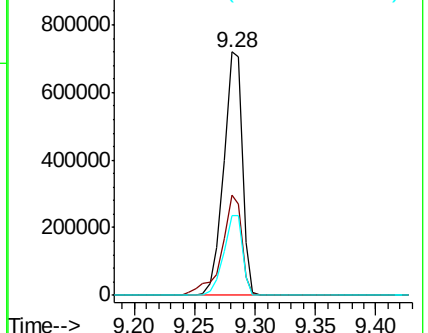
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	31.1	46.7	
164	33.0	26.6	40.0	

Manual Integrations
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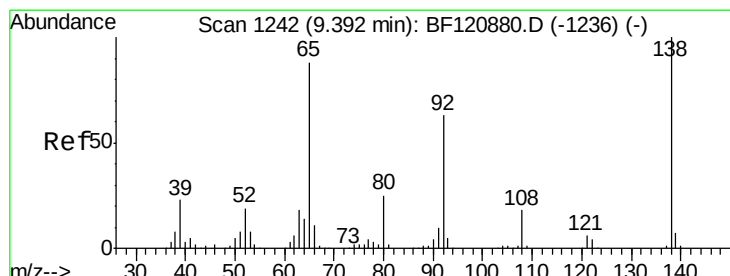
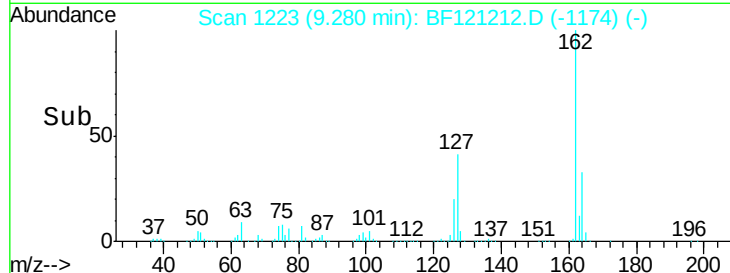


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



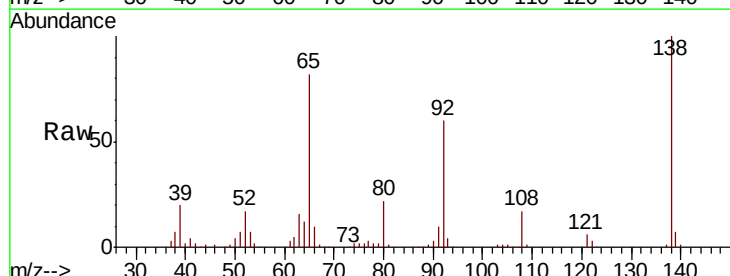
mohammad

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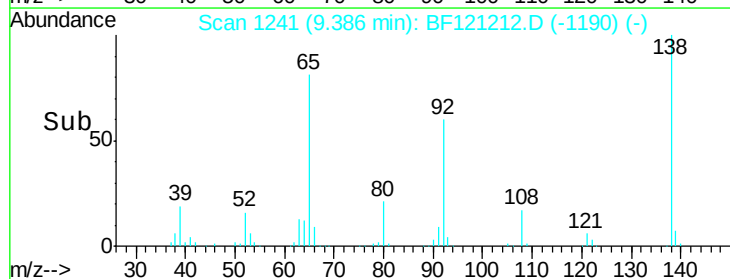
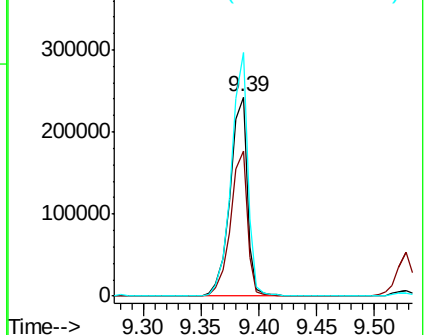


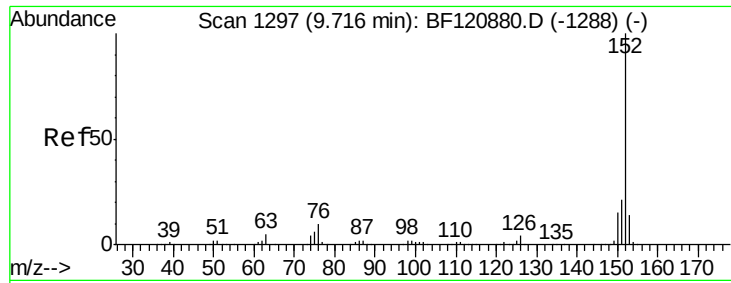
#48
2-Nitroaniline
Concen: 24.836 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.9	58.0	87.0	
138	122.5	93.3	139.9	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 23.335 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

Tot Ion:152 Resp: 1218653

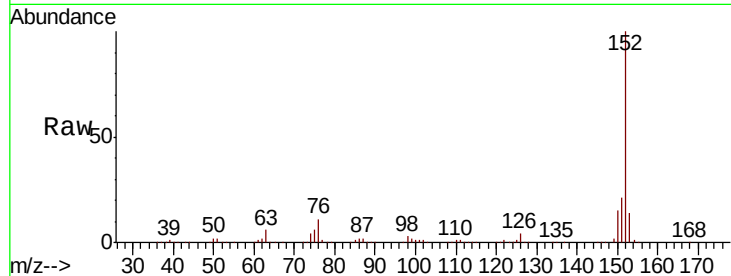
Ion Ratio Lower Upper

152 100

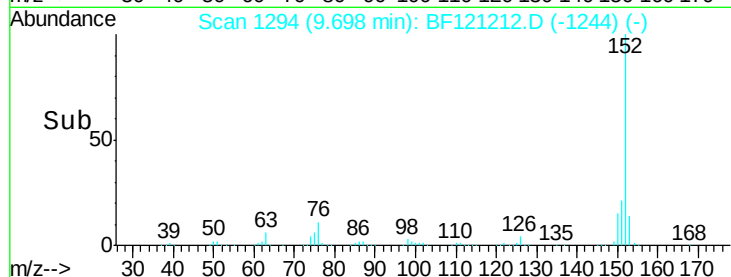
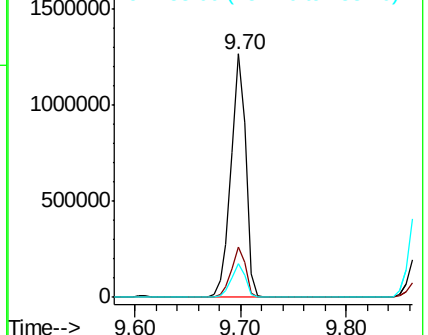
151 20.6 16.6 25.0

153 13.7 11.0 16.4

Manual Integrations
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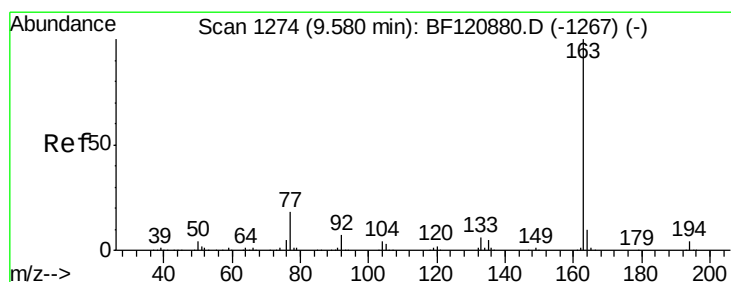


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 24.806 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

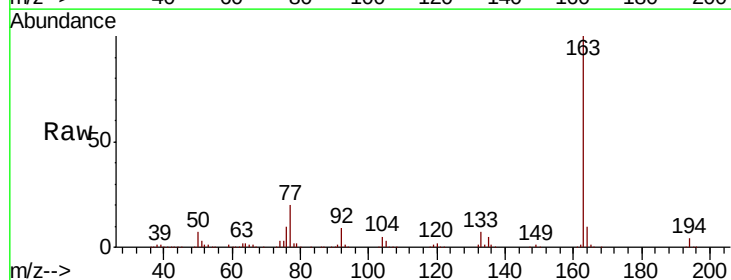
Tgt Ion:163 Resp: 967374

Ion Ratio Lower Upper

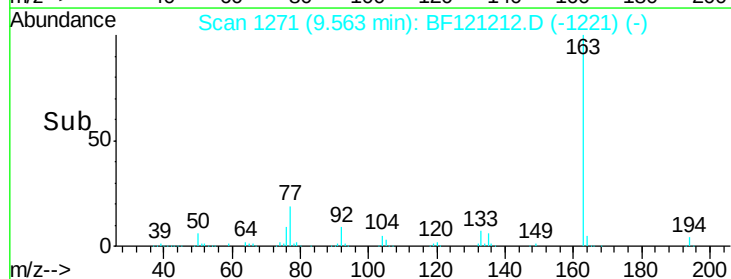
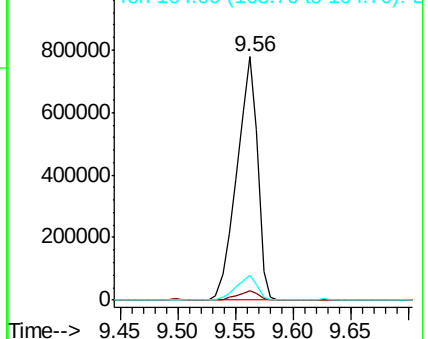
163 100

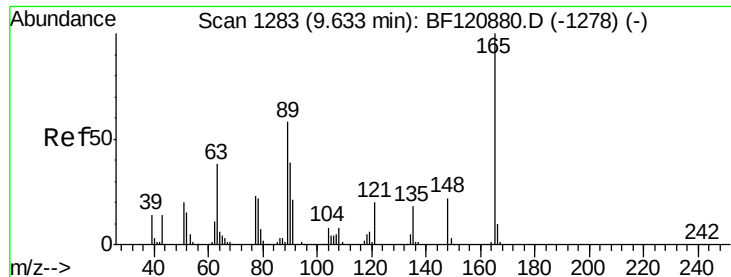
194 3.8 3.0 4.4

164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 24.993 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

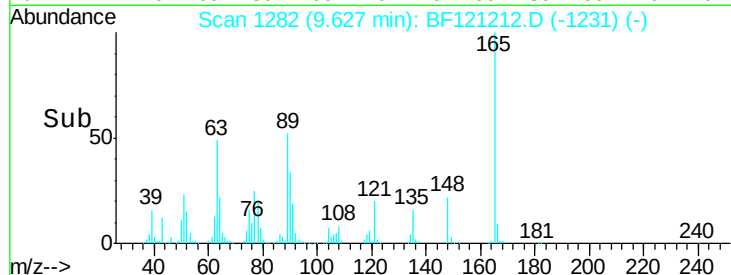
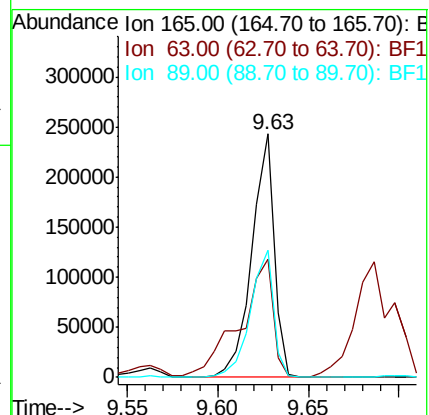
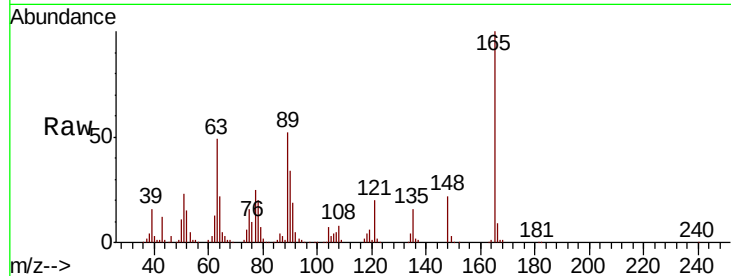
BNA_F

ClientSampleId :

JTY1-WC-S-BL-IBMSD

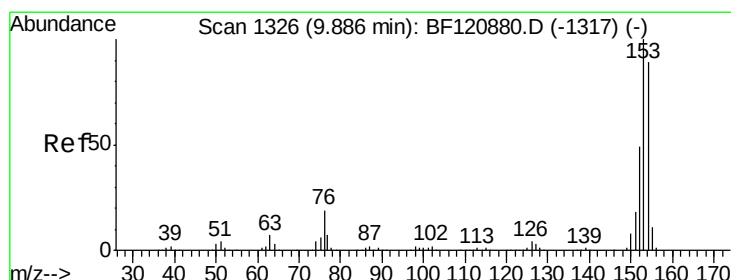
Tot Ion:	165	Resp:	209391
Ion Ratio	Lower	Upper	
165	100		
63	48.7	41.1	61.7
89	52.0	43.5	65.3

Manual Integrations
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#52

Acenaphthene

Concen: 24.245 ng m

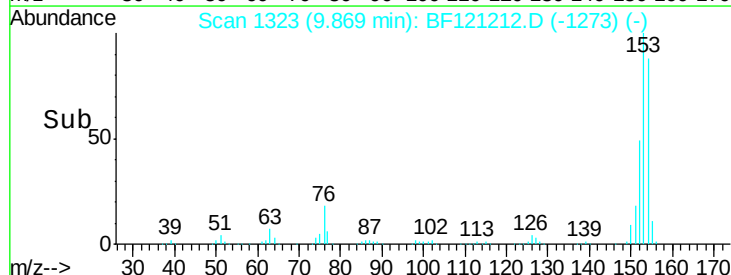
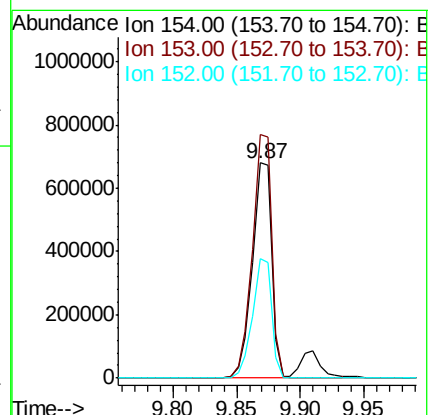
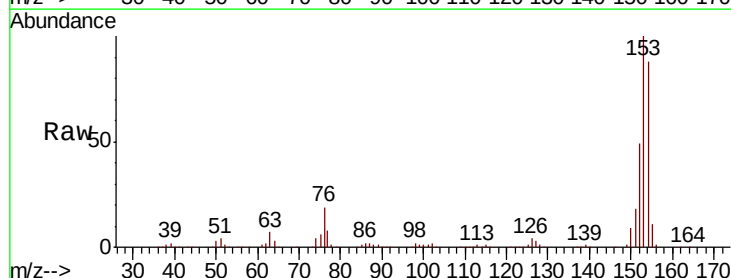
RT: 9.87 min Scan# 1323

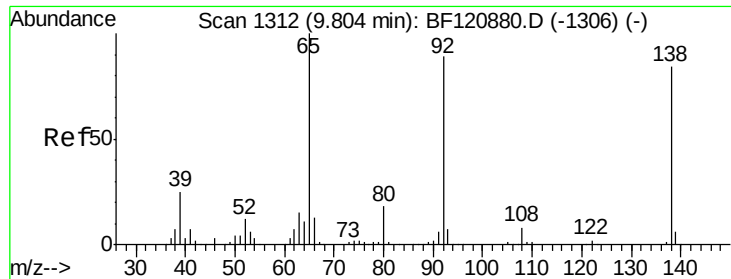
Delta R.T. -0.01 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:	154	Resp:	805009
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.6	134.4
152	55.5	43.8	65.6



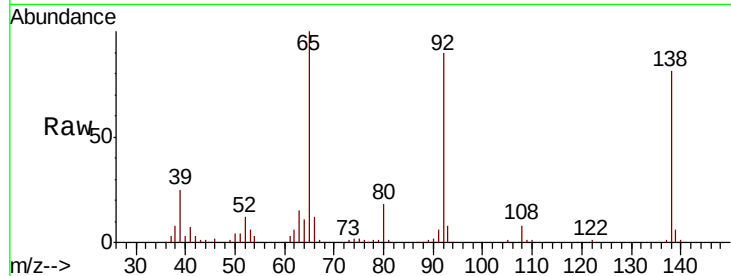


#53
3-Nitroaniline
Concen: 8.952 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

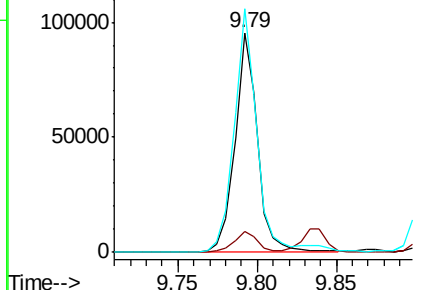
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	110.9	85.0	127.4

Manual Integrations
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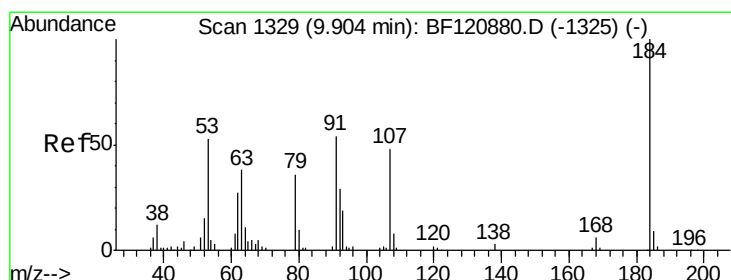
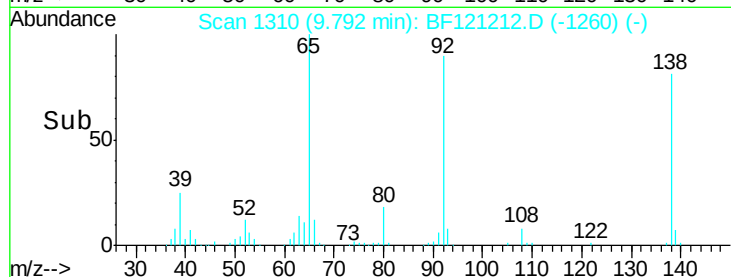


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



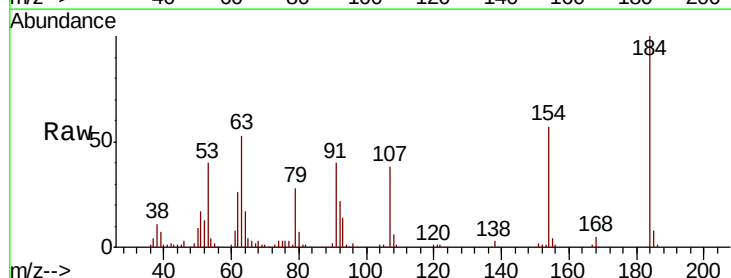
mohammad

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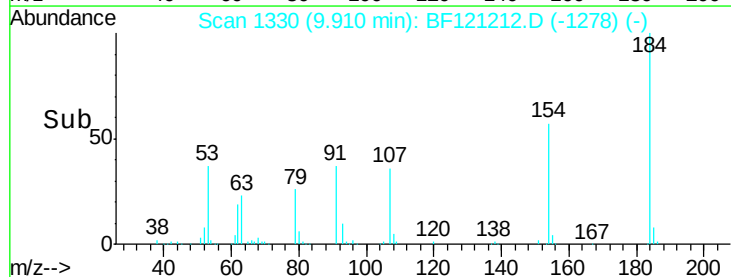
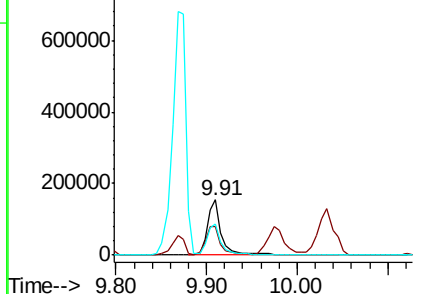


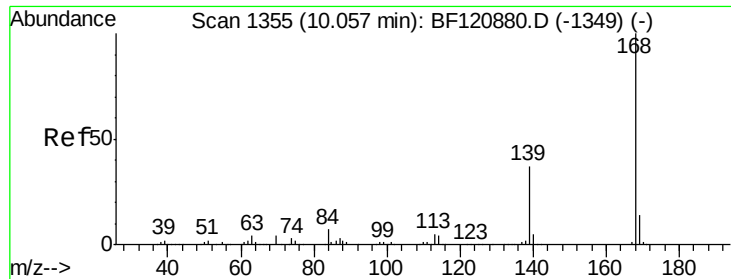
#54
2,4-Dinitrophenol
Concen: 38.900 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	42.5	63.7
154	57.2	46.8	70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



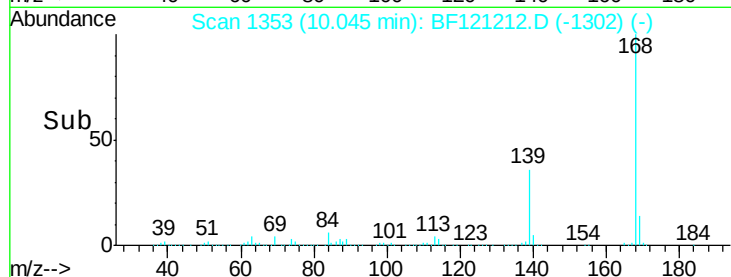
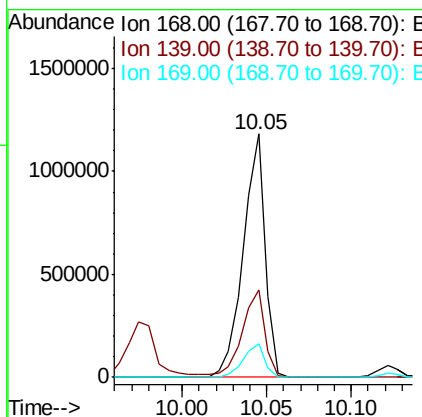
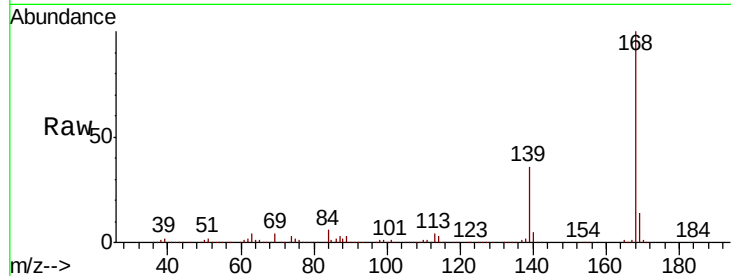


#55
Dibenzenofuran
Concen: 22.334 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

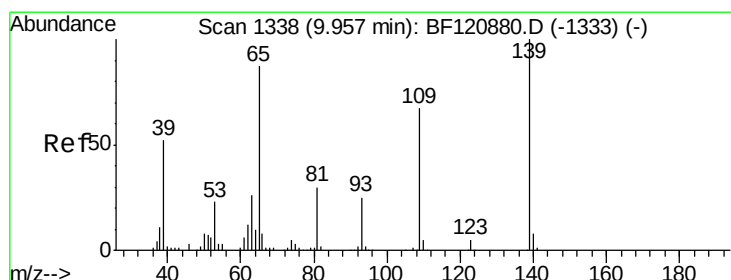
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1
169	13.7	11.3	16.9

Manual Integrations
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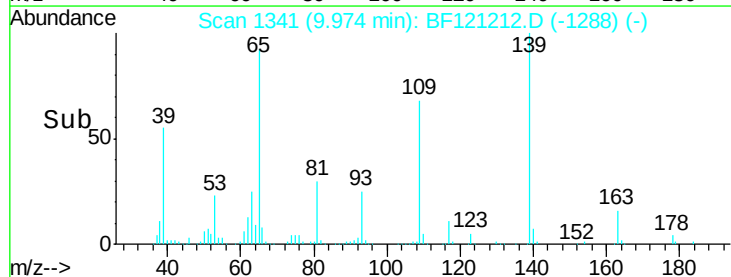
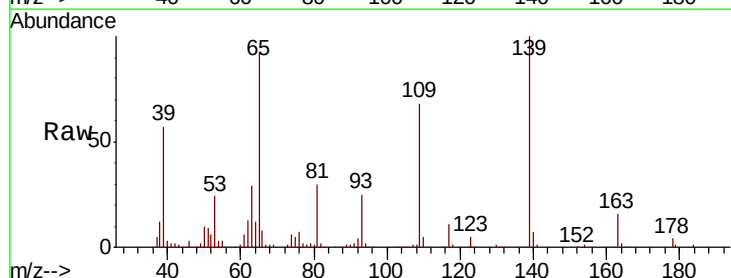
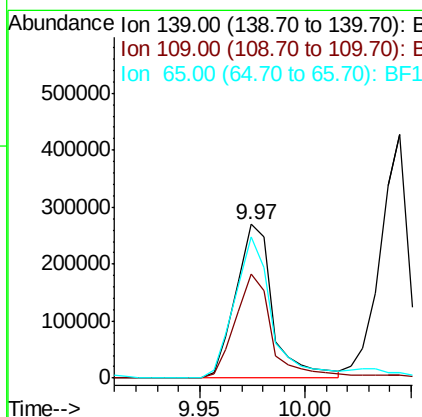
mohammad

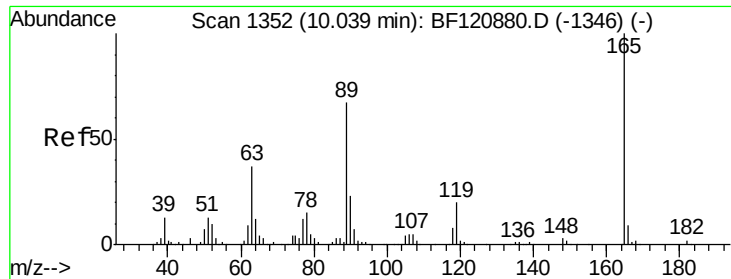
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#56
4-Nitrophenol
Concen: 41.381 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	44.8	84.8
65	92.0	65.6	105.6



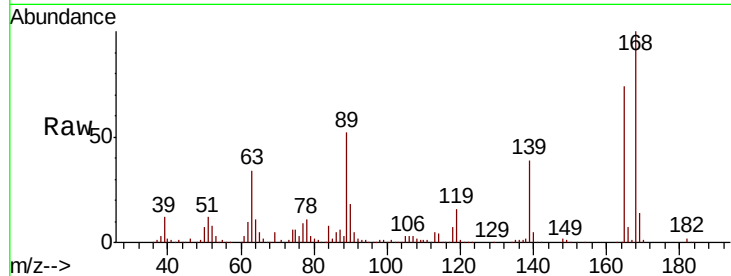


#57
2,4-Dinitrotoluene
Concen: 24.321 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.1	29.8	44.8	
89	69.2	50.3	75.5	
182	2.5	2.1	3.1	

Manual Integrations
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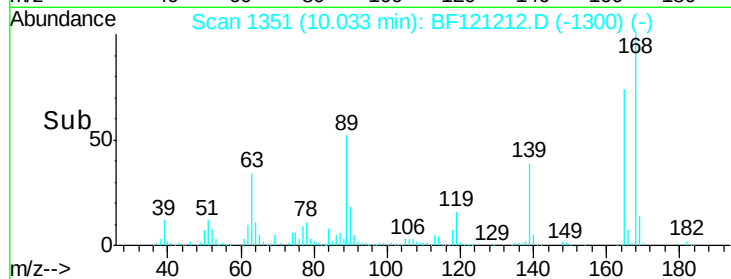
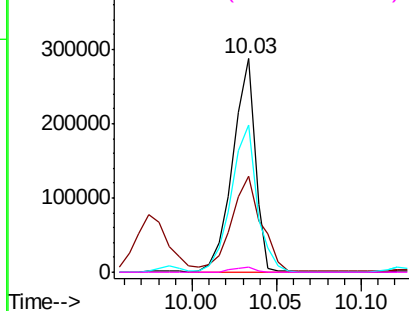
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

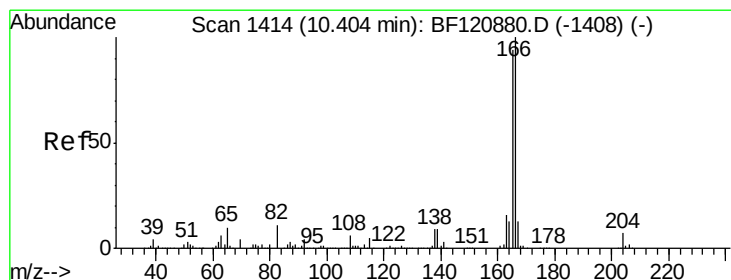
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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#58
Fluorene
Concen: 22.678 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

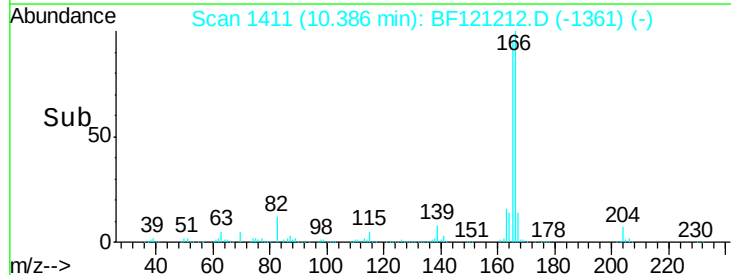
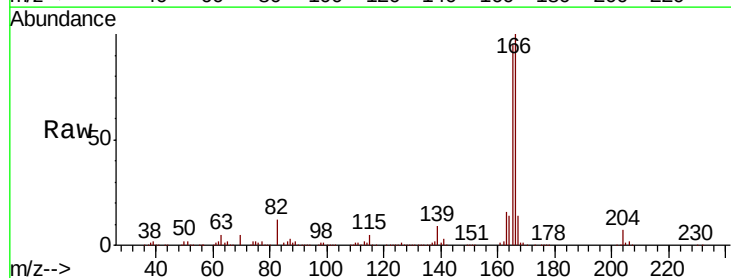
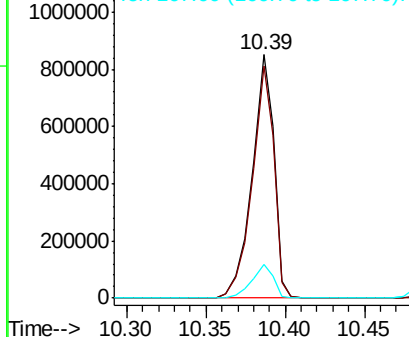
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.5	76.4	114.6	
167	13.9	10.7	16.1	

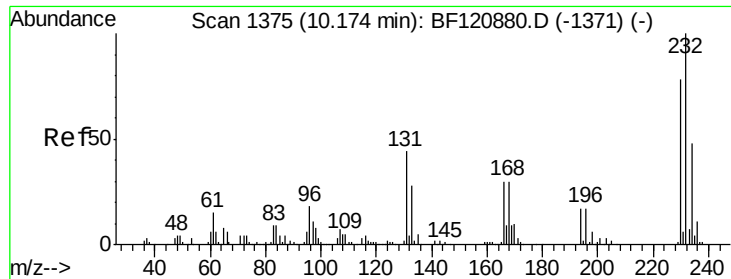
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



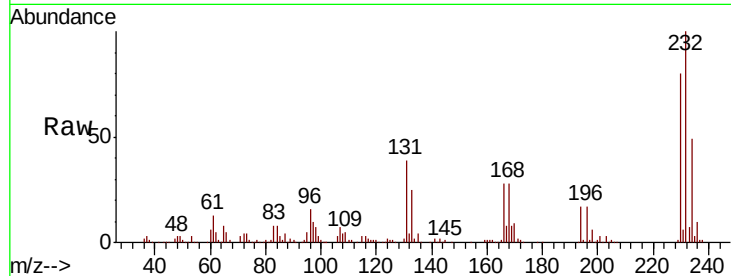


#59
2,3,4,6-Tetrachlorophenol
Concen: 25.625 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

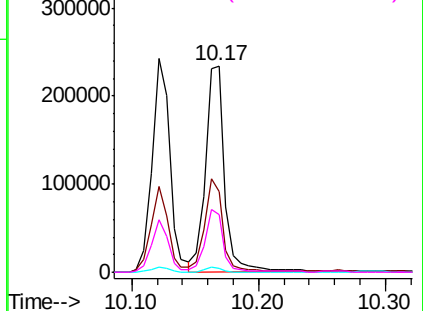
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	245409		
131	42.7		34.2	51.2
130	2.1		1.7	2.5
166	28.9		23.1	34.7

Manual Integrations
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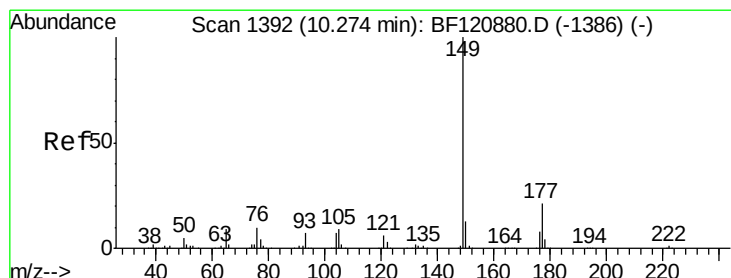
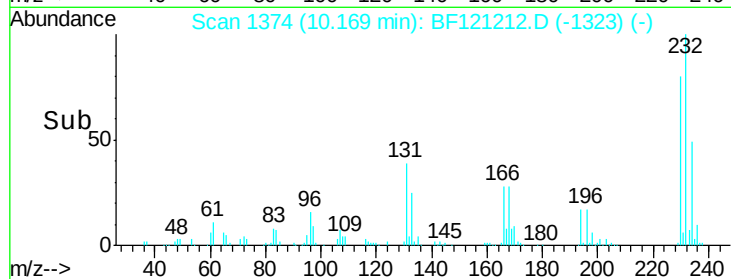


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



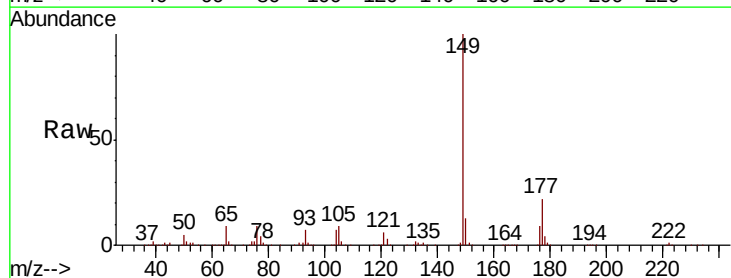
mohammad

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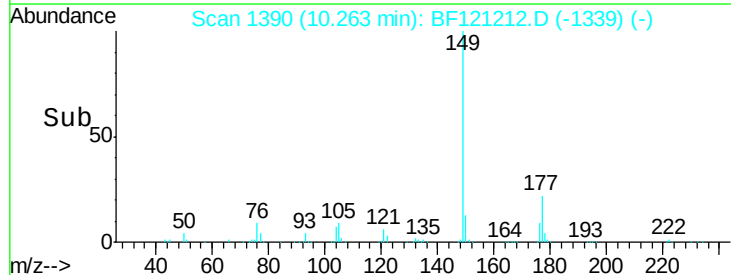
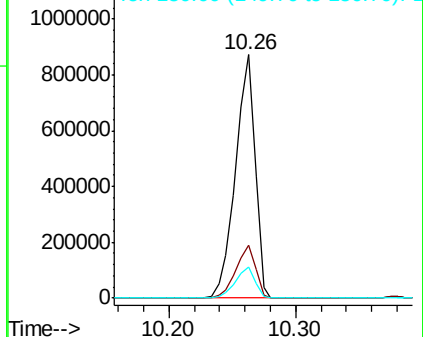


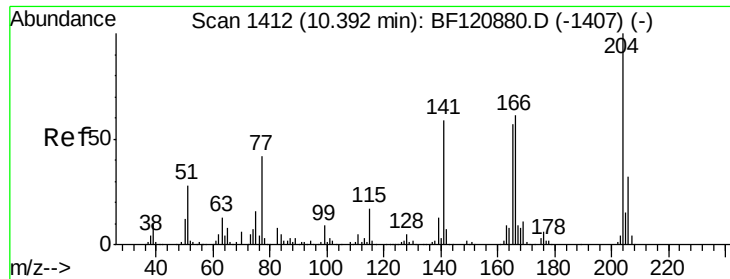
#60
Diethylphthalate
Concen: 23.390 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	922602		
177	21.9		17.6	26.4
150	12.8		10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



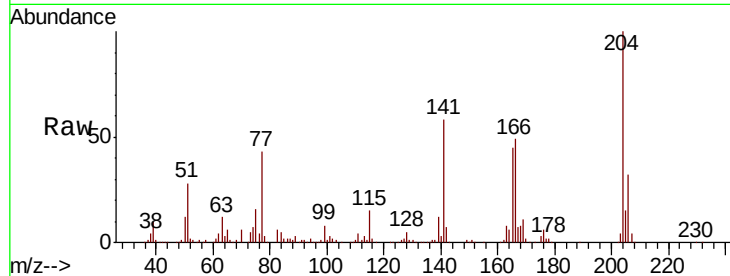


#61
 4-Chlorophenyl-phenylether
 Concen: 20.915 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

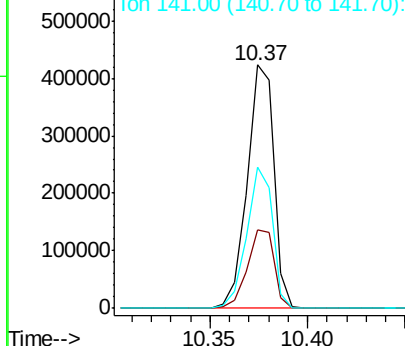
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Tot Ion:	204	Resp:	399489
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.0	39.0
141	58.3	46.9	70.3

Manual Integrations
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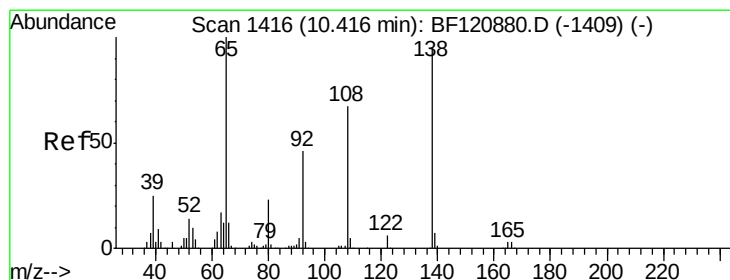
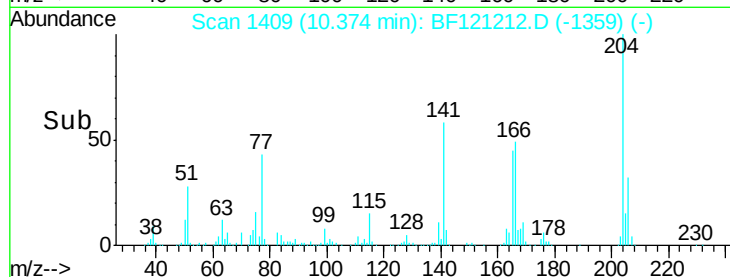


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



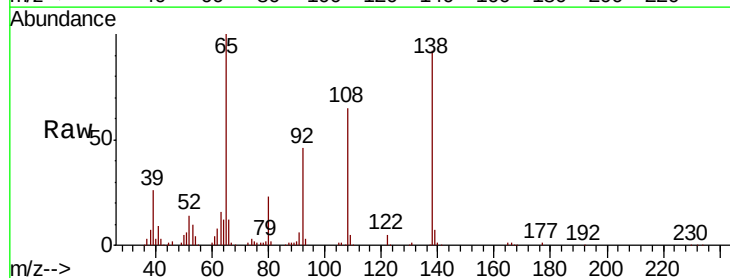
mohammad

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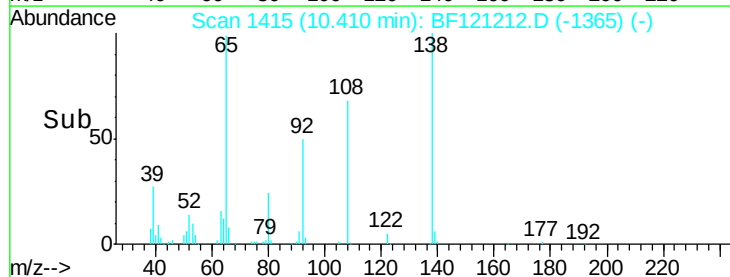
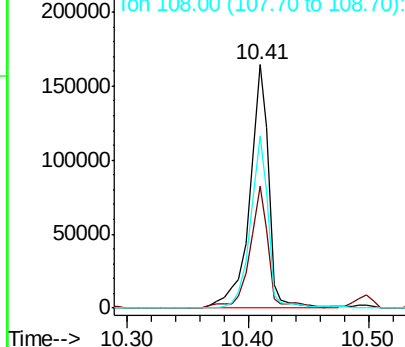


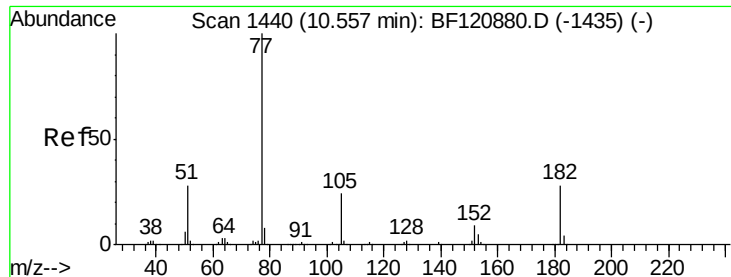
#62
 4-Nitroaniline
 Concen: 17.736 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tgt Ion:	138	Resp:	181537
Ion Ratio	Lower	Upper	
138	100		
92	50.1	25.2	65.2
108	70.9	46.7	86.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E



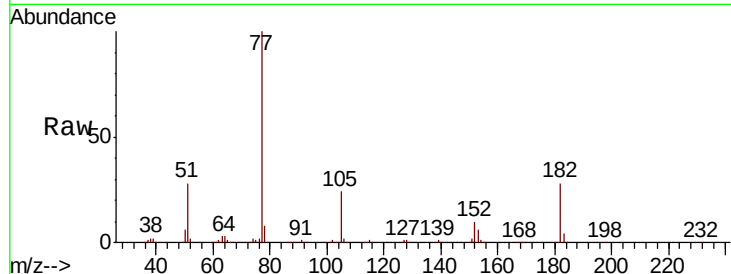


#63
Azobenzene
Concen: 22.255 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

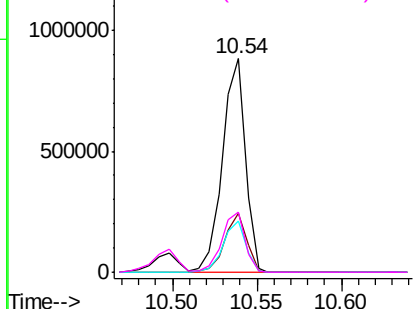
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	4.5	44.5	
105	24.0	3.4	43.4	
51	28.3	8.7	48.7	

Manual Integrations
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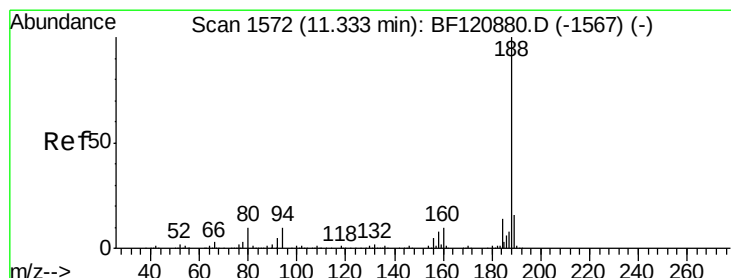
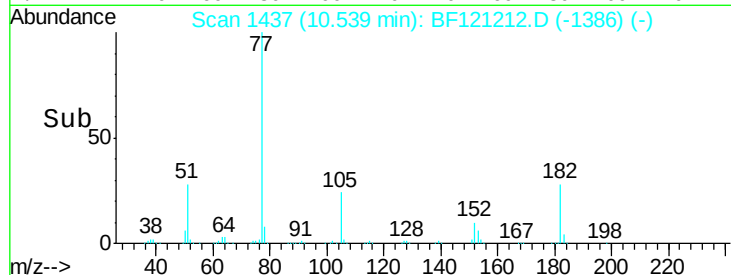


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



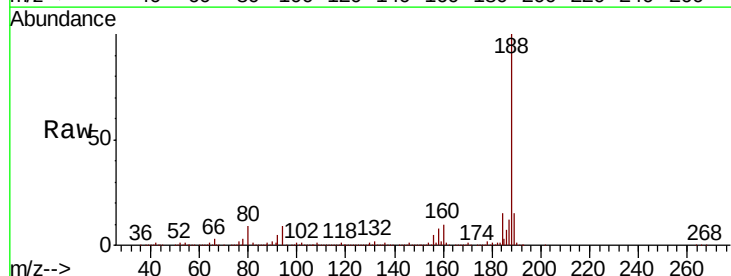
mohammad

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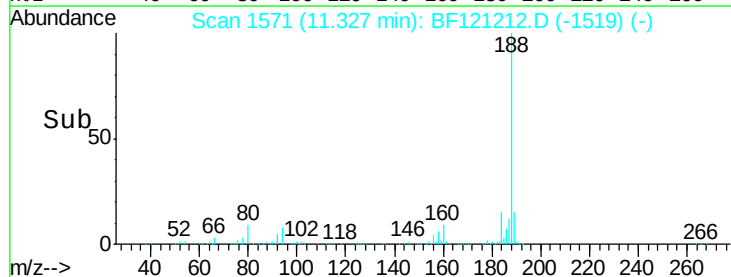
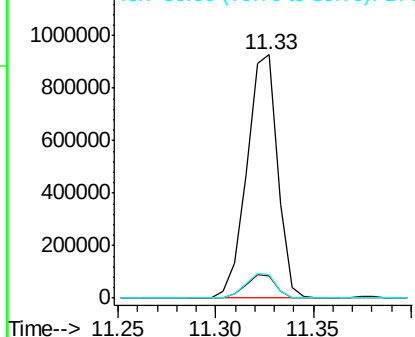


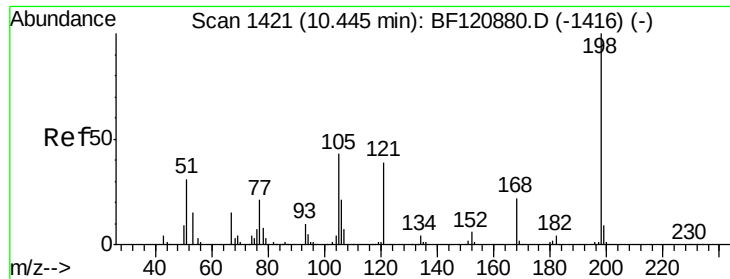
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	8.0	12.0	
80	9.5	8.3	12.5	



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



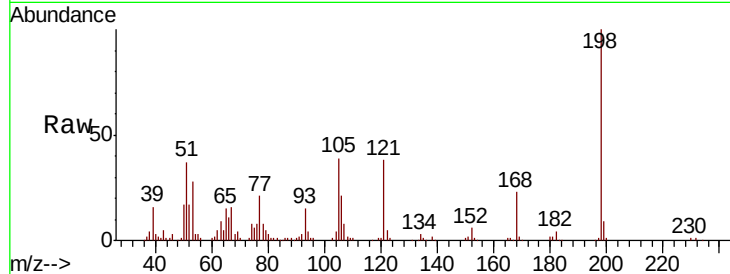


#65
4,6-Dinitro-2-methylphenol
Concen: 21.440 ng
RT: 10.44 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

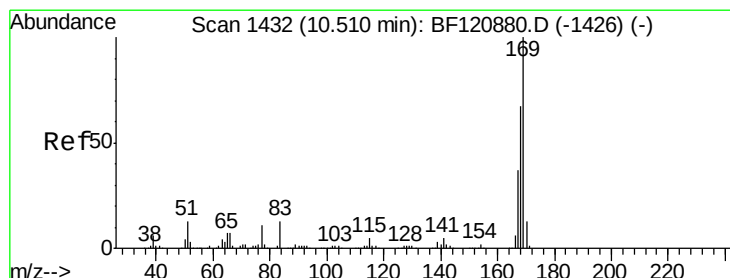
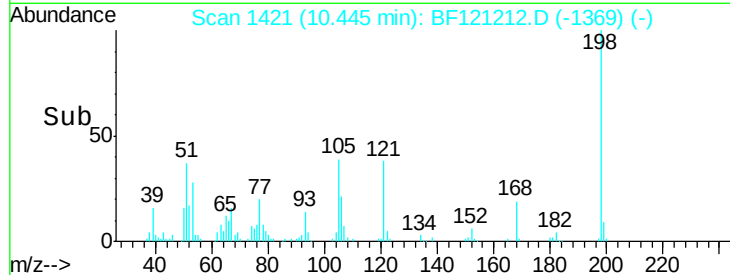
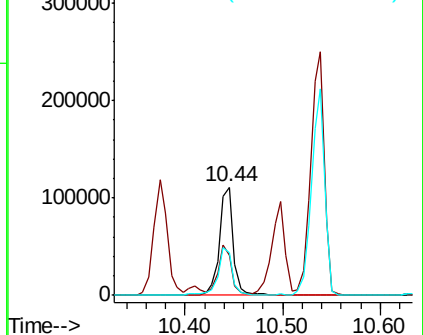
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.0	23.4	63.4
105	39.2	23.7	63.7

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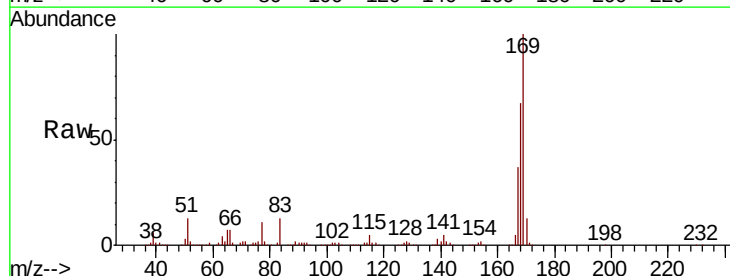


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

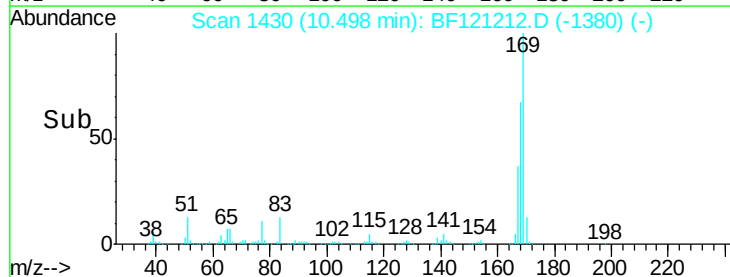
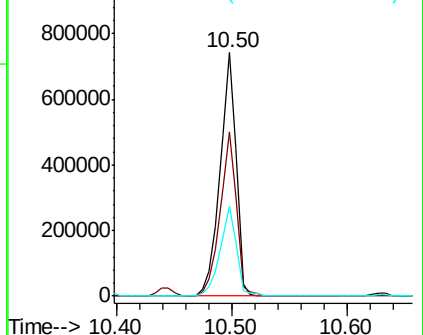


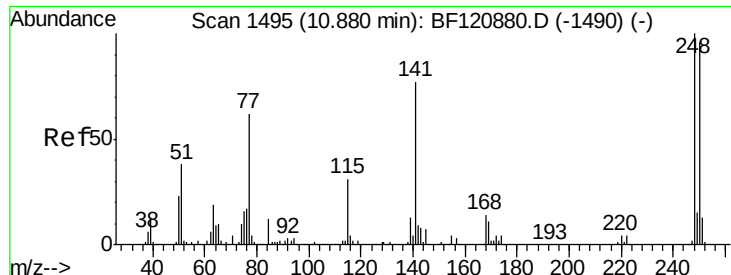
#66
n-Nitrosodiphenylamine
Concen: 22.716 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	36.9	30.0	45.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



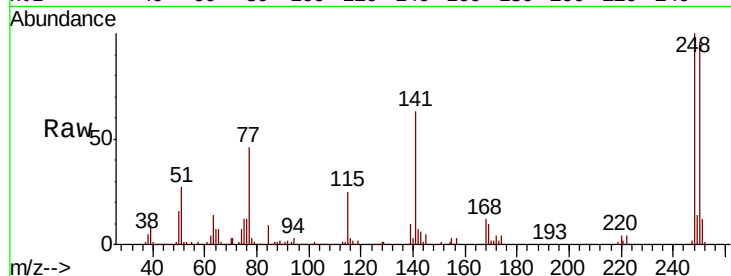


#67
 4-Bromophenyl-phenylether
 Concen: 23.716 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

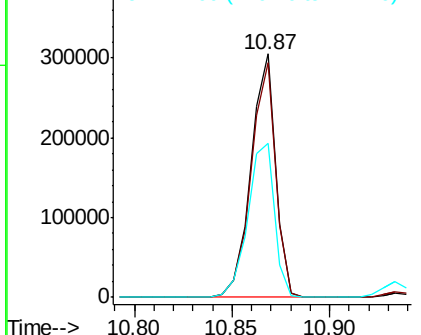
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Tot Ion:	248	Resp:	267446
Ion Ratio	Lower	Upper	
248	100		
250	96.2	77.0	115.6
141	63.1	56.6	85.0

Manual Integrations
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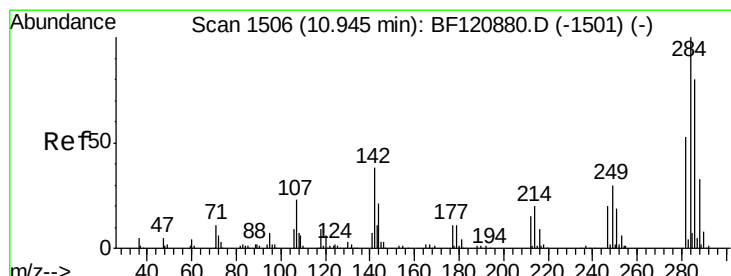
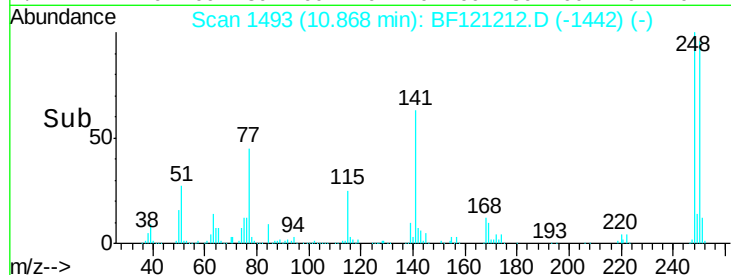


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



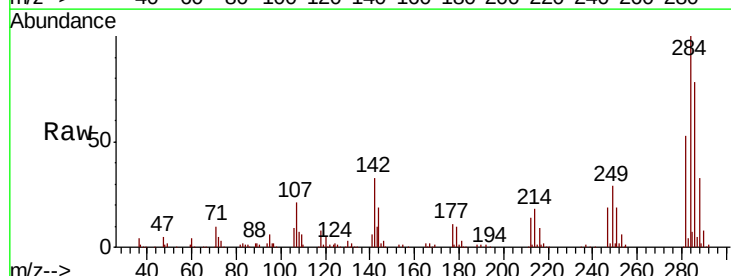
mohammad

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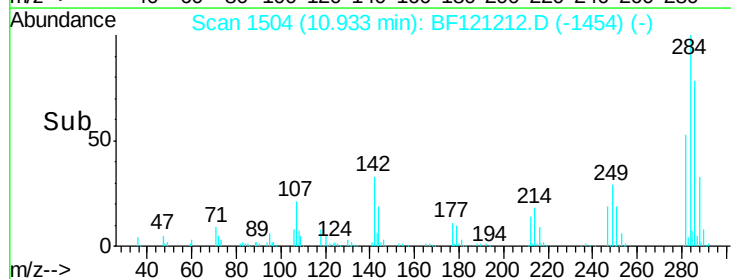
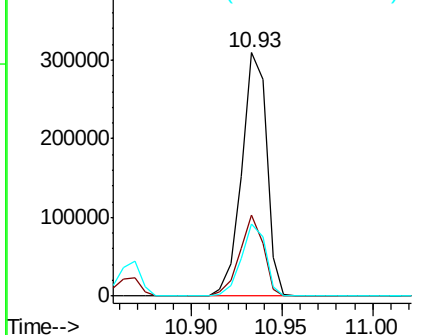


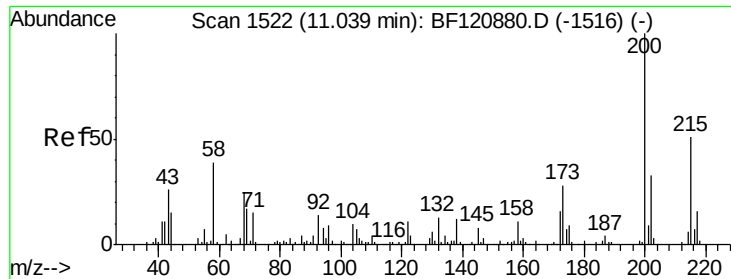
#68
 Hexachlorobenzene
 Concen: 24.343 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tgt Ion:	284	Resp:	296955
Ion Ratio	Lower	Upper	
284	100		
142	33.3	21.1	31.7#
249	29.5	22.5	33.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



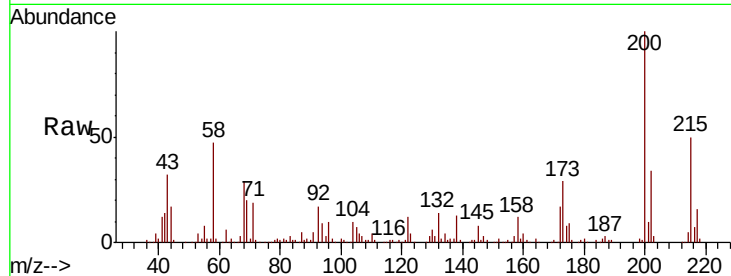


#69
Atrazine
Concen: 21.112 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	7.6	47.6
215	50.1	28.8	68.8

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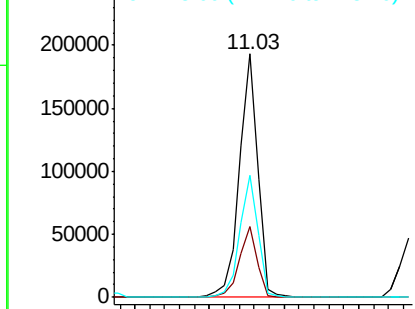


Abundance

Ion 200.00 (199.70 to 200.70): E

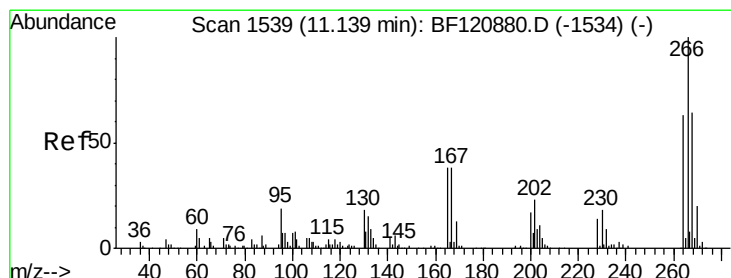
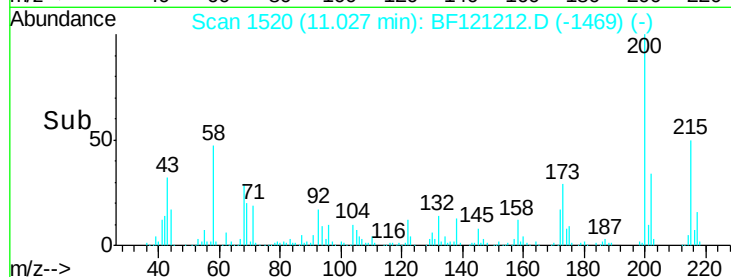
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



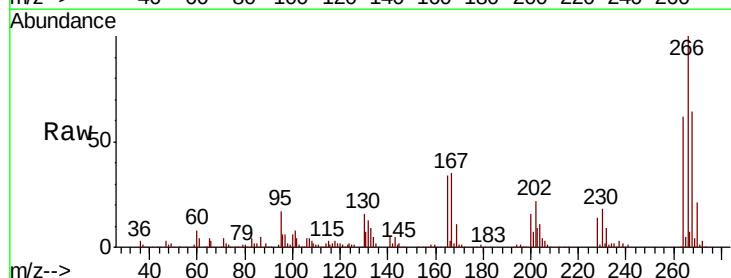
mohammad

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#70
Pentachlorophenol
Concen: 48.009 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.7	74.5
264	62.2	50.4	75.6

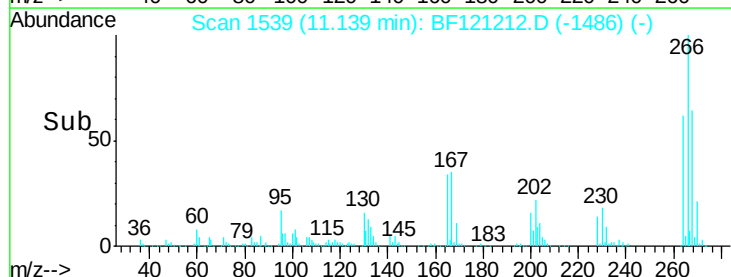
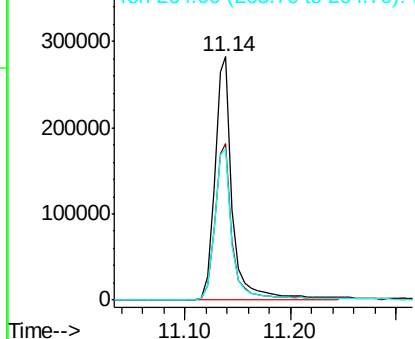


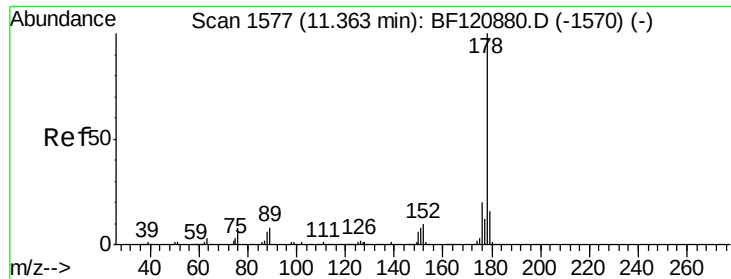
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



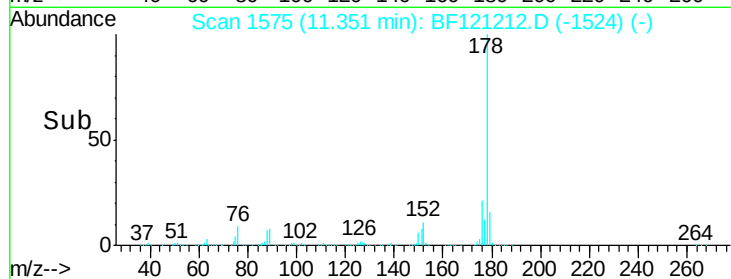
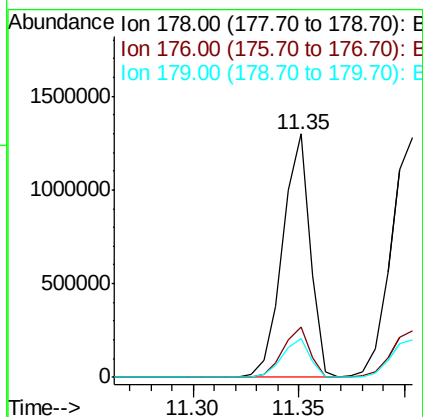
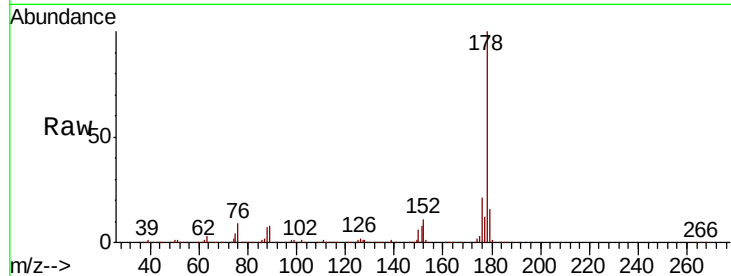


#71
Phenanthrene
Concen: 22.849 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

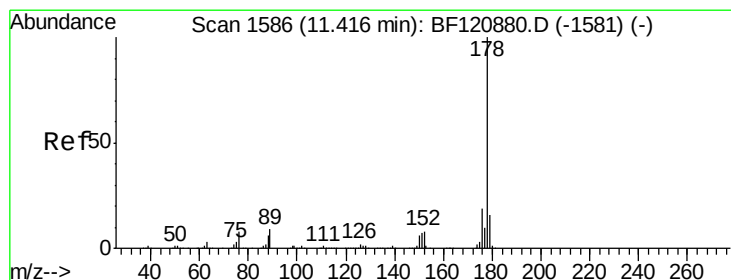
Tot Ion:178 Resp: 1188573
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.2
179 15.7 12.6 19.0

Manual Integrations
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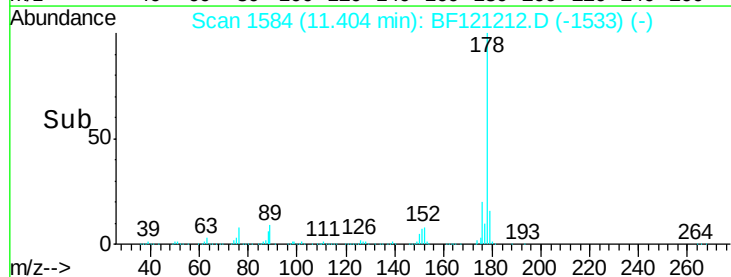
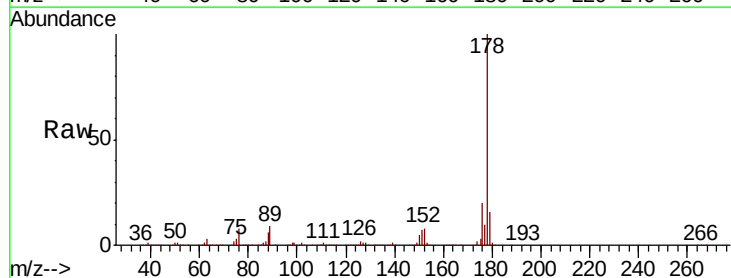
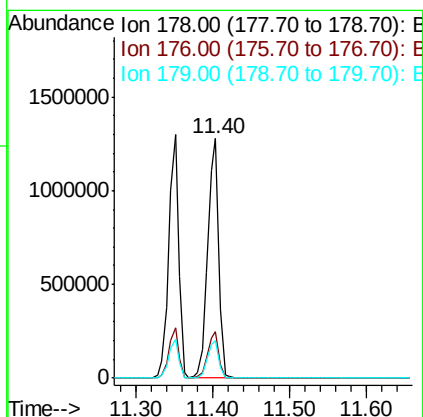
mohammad

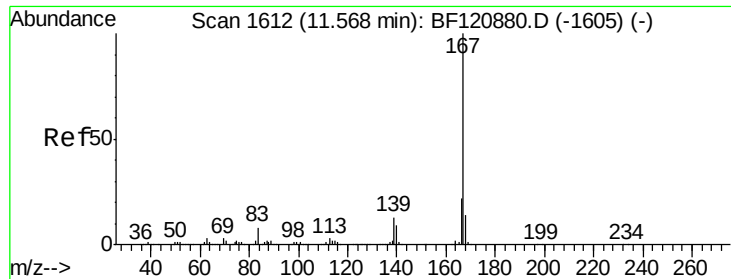
8/7/2020 1:51:04 PM



#72
Anthracene
Concen: 24.068 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion:178 Resp: 1257203
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.8 12.6 19.0



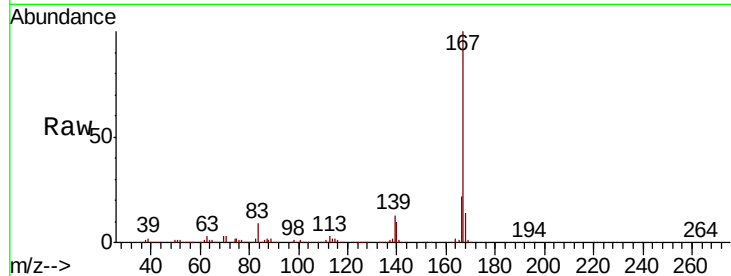


#73
 Carbazole
 Concen: 22.647 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

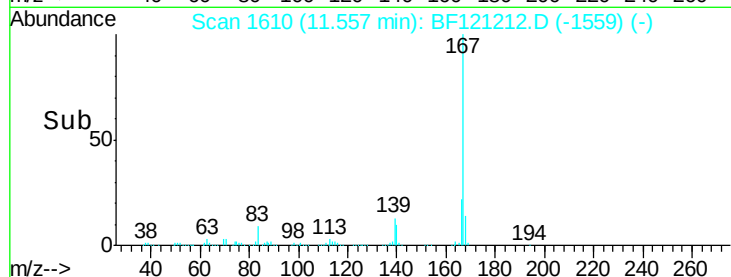
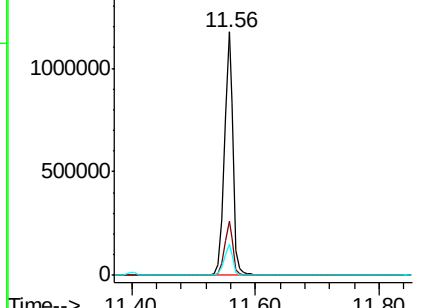
Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.8	10.5	15.7

Manual Integrations
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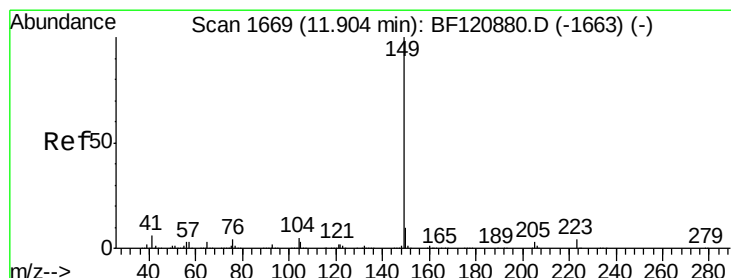


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



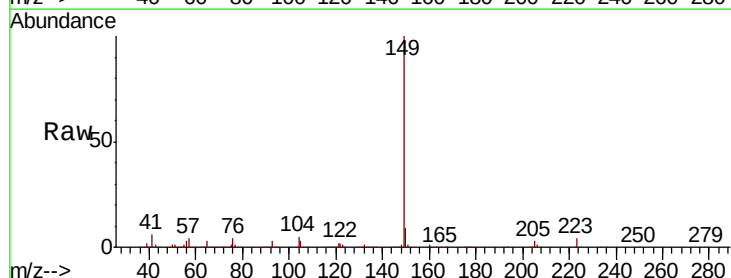
mohammad

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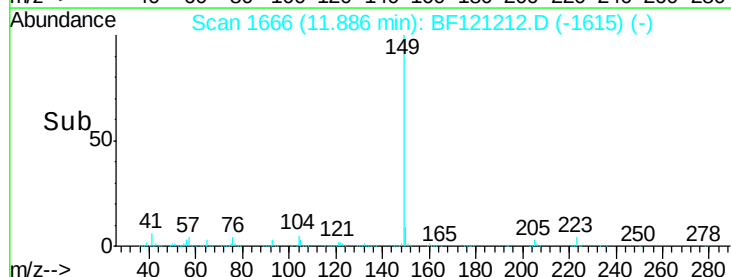
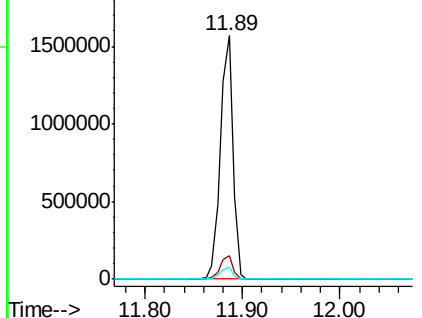


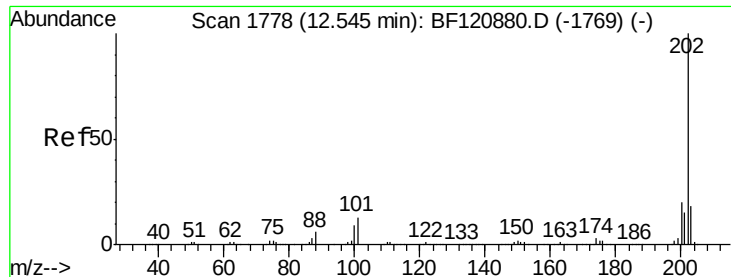
#74
 Di-n-butylphthalate
 Concen: 23.536 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.7	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 21.689 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

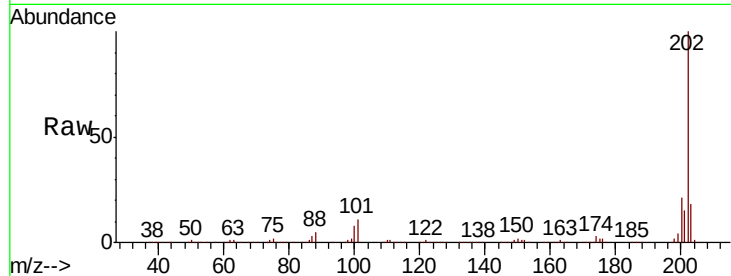
BNA_F

ClientSampleId :

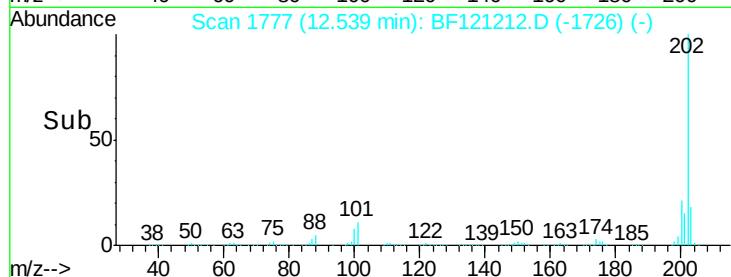
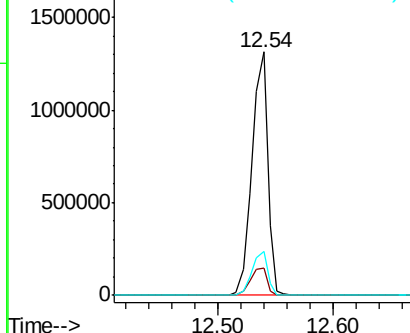
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.5
203	17.8	0.0	37.7

Manual Integrations
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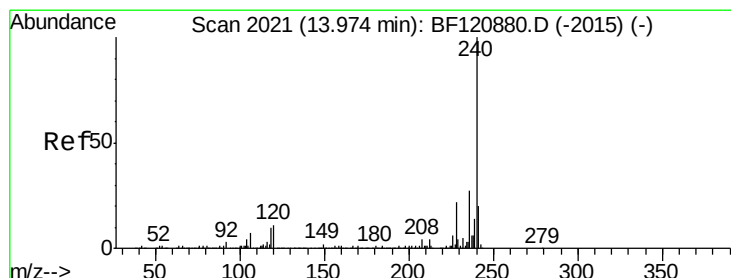


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#76

Chrysene-d12

Concen: 20.000 ng

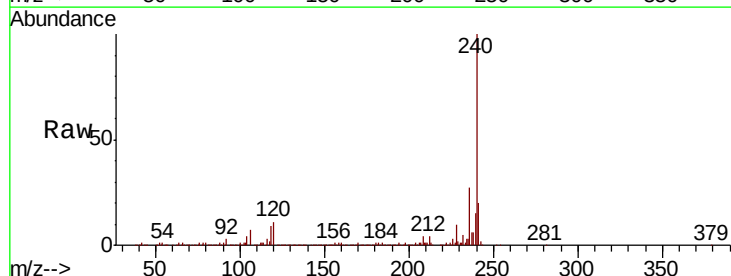
RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

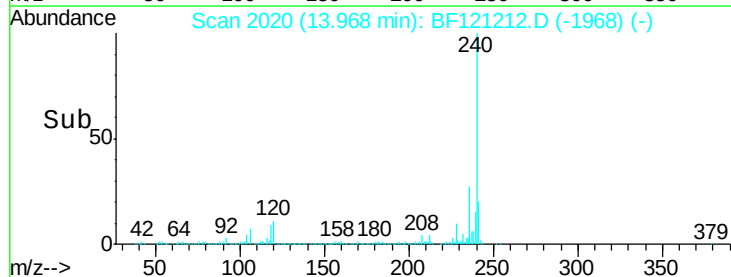
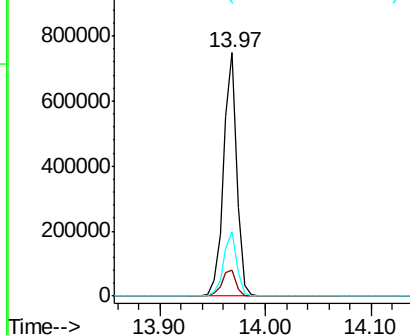
Lab File: BF121212.D

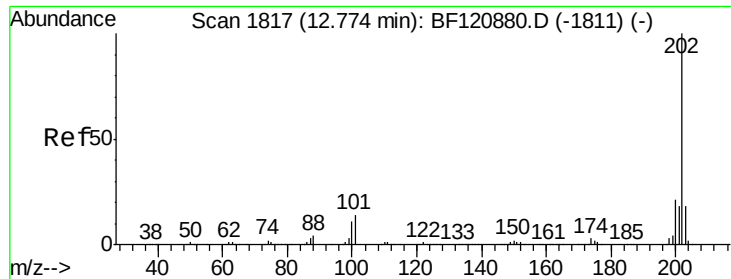
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.7	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



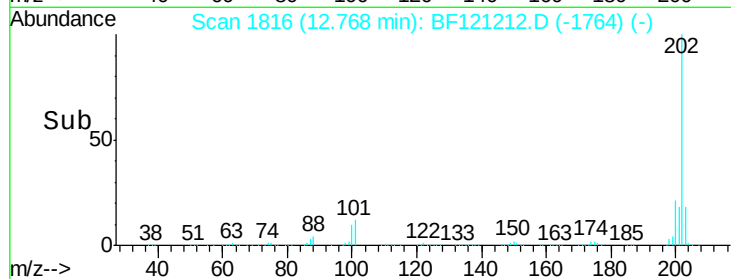
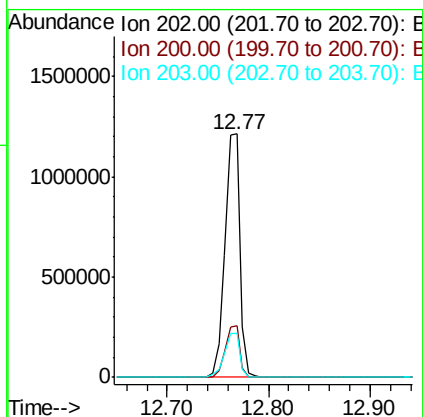
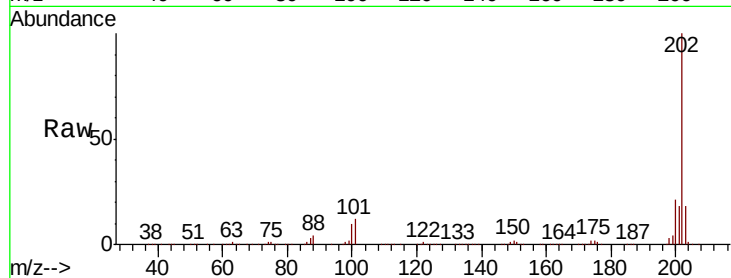


#78
Pvrene
Concen: 26.714 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

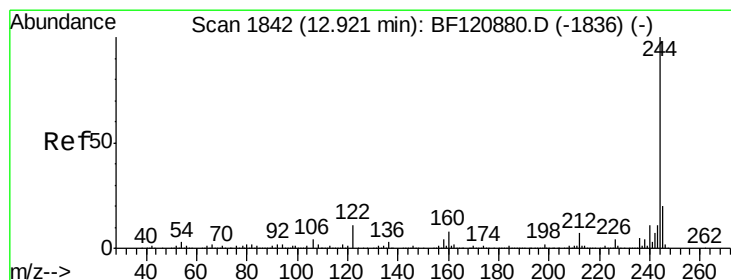
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.9	14.6	21.8

Manual Integrations
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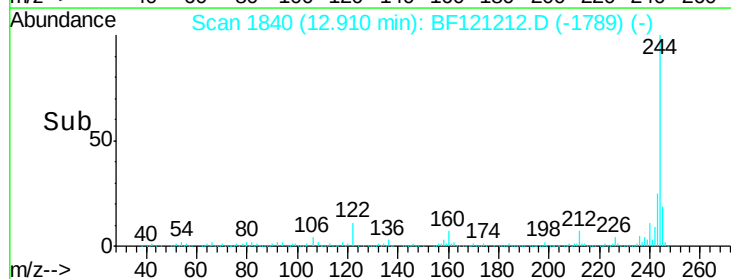
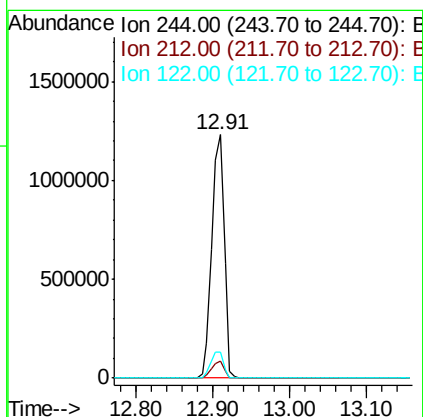
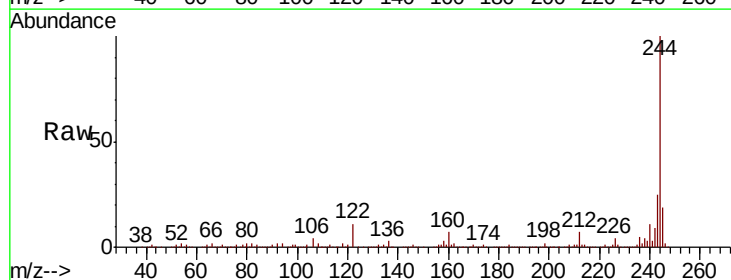
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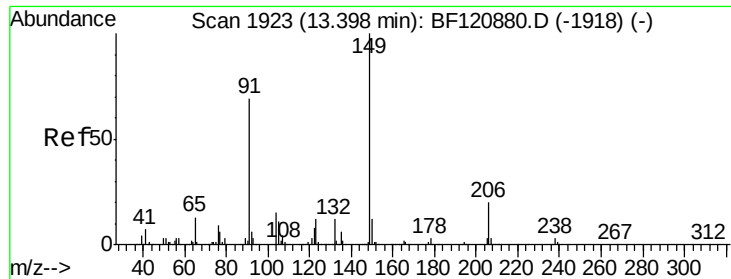
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#79
Terphenyl-d14
Concen: 44.540 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.8	8.3	12.5



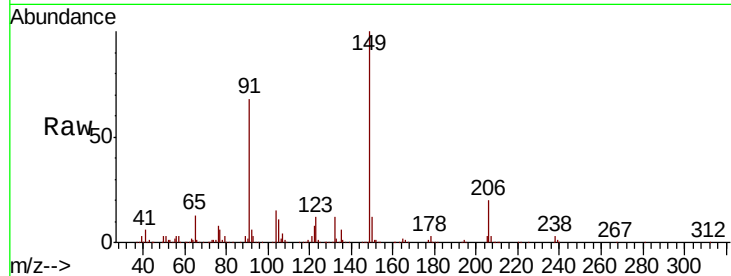


#80
Butylbenzylphthalate
Concen: 27.257 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.4	77.0
206	20.4	17.9	26.9

Manual Integrations
APPROVED

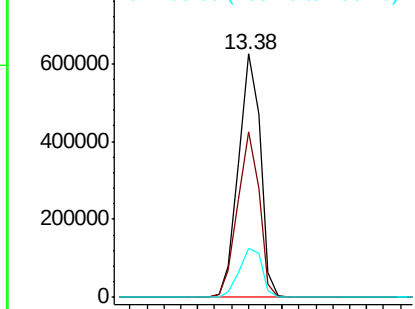


Abundance

Ion 149.00 (148.70 to 149.70): E

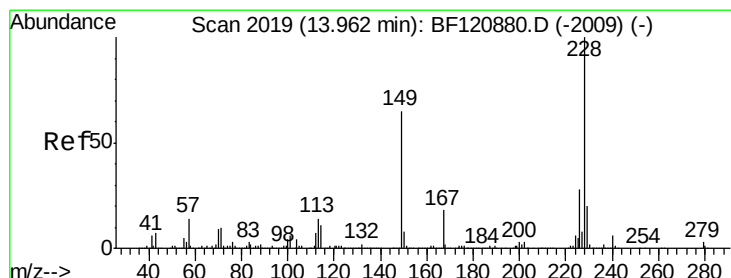
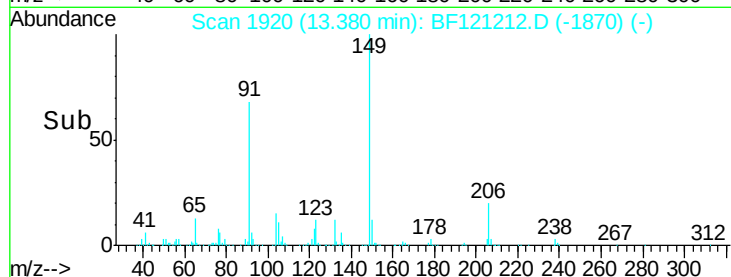
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



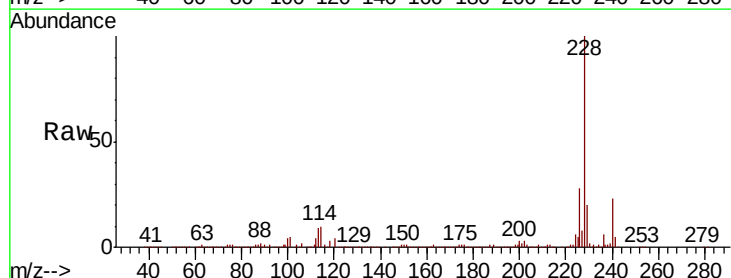
mohammad

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#81
Benzo(a)anthracene
Concen: 24.728 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	19.9	16.1	24.1

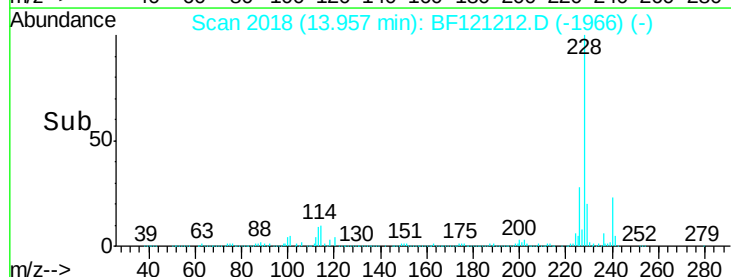
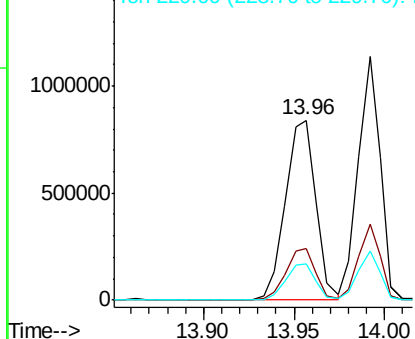


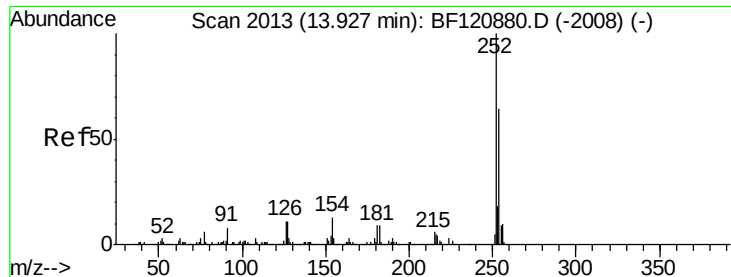
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 9.960 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

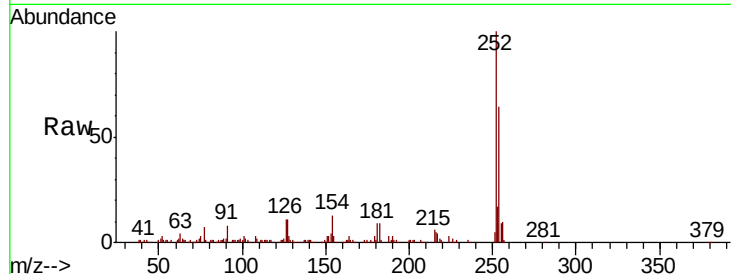
BNA_F

ClientSampleId :

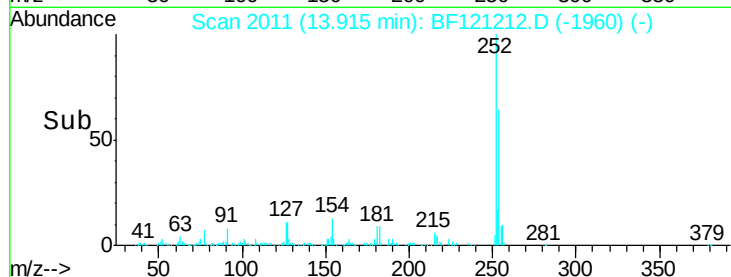
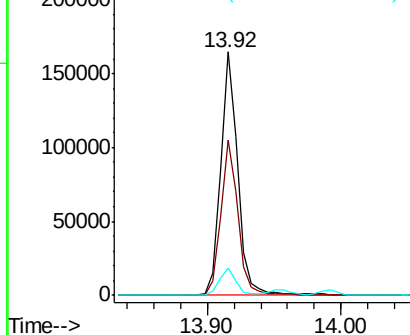
JTY1-WC-S-BL-IBMSD

Tot Ion:	252	Resp:	149861
Ion Ratio	Lower	Upper	
252	100		
254	63.6	51.3	76.9
126	11.0	9.2	13.8

Manual Integrations
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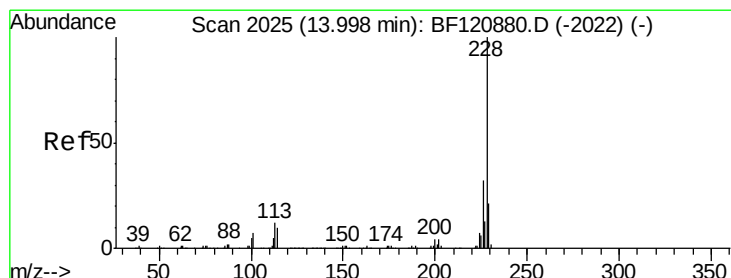


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



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#83

Chrysene

Concen: 23.123 ng

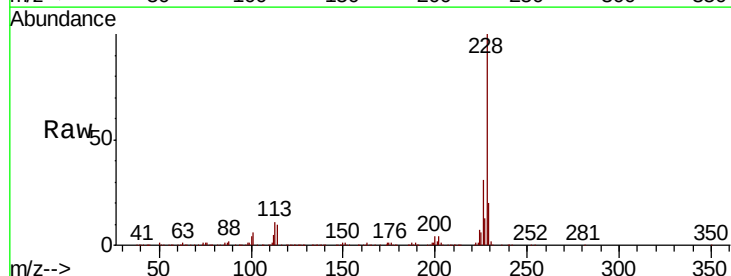
RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

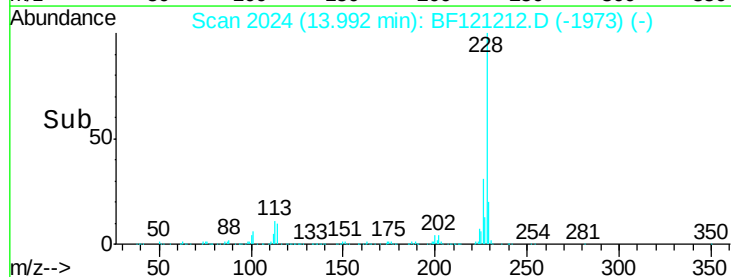
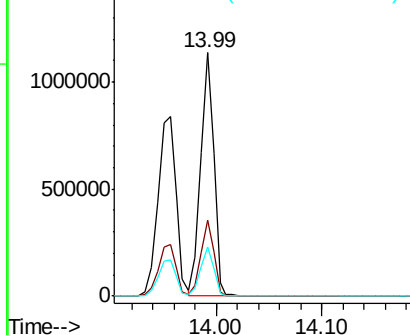
Lab File: BF121212.D

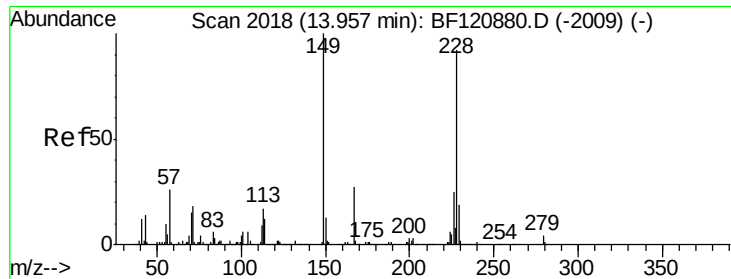
Acq: 6 Aug 2020 20:13

Tgt Ion:	228	Resp:	969187
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.4	38.0
229	20.3	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 28.994 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Instrument :

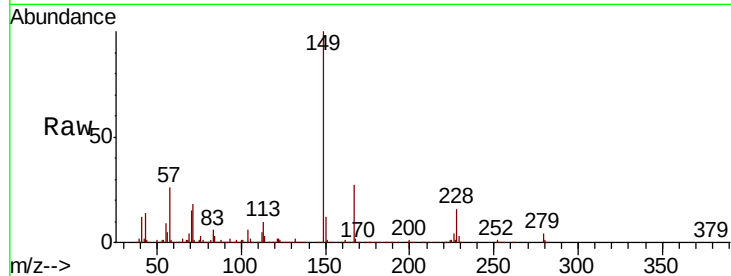
BNA_F

ClientSampleId :

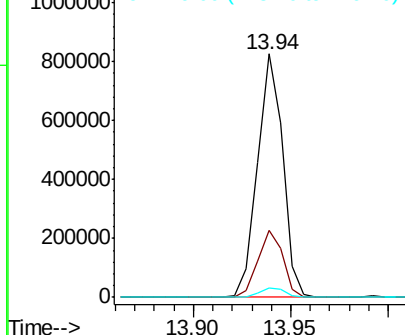
JTY1-WC-S-BL-IBMSD

Tot Ion:	149	Resp:	742164
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.6
279	3.9	2.9	4.3

Manual Integrations
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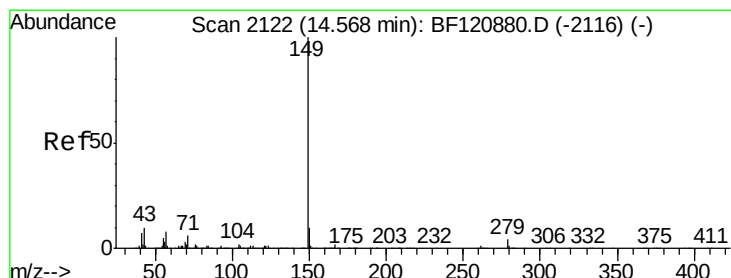
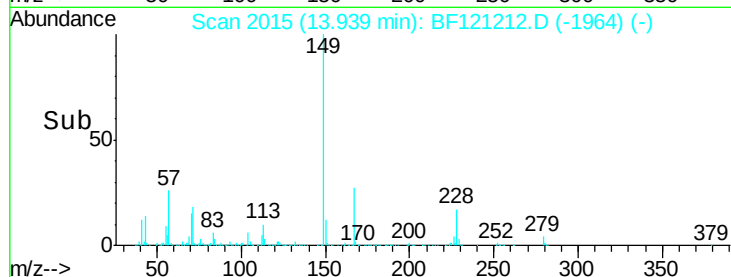


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



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#85

Di-n-octyl phthalate

Concen: 23.660 ng

RT: 14.55 min Scan# 2119

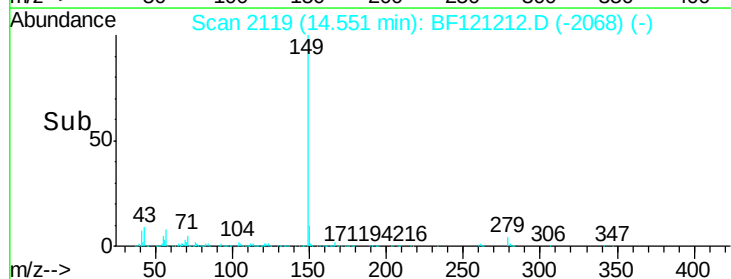
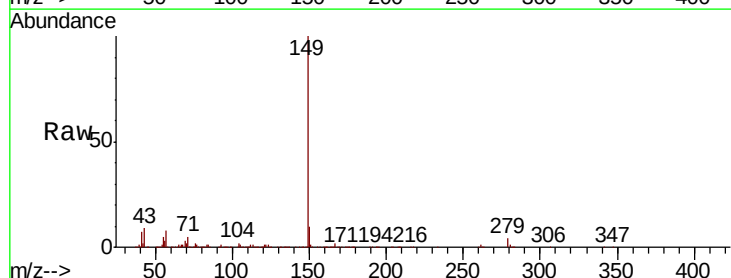
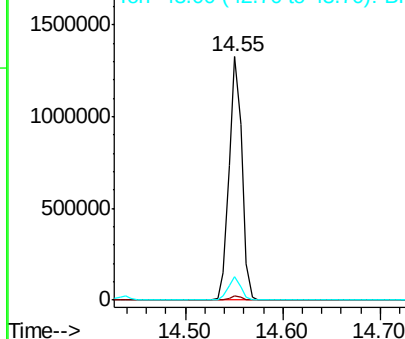
Delta R.T. -0.00 min

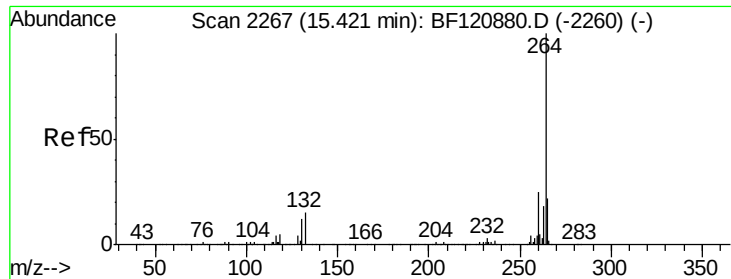
Lab File: BF121212.D

Acq: 6 Aug 2020 20:13

Tgt Ion:	149	Resp:	1204903
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.2	7.5	11.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



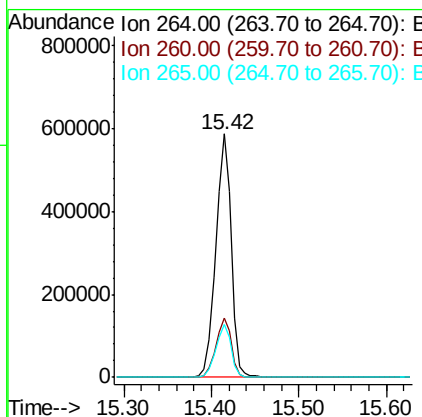
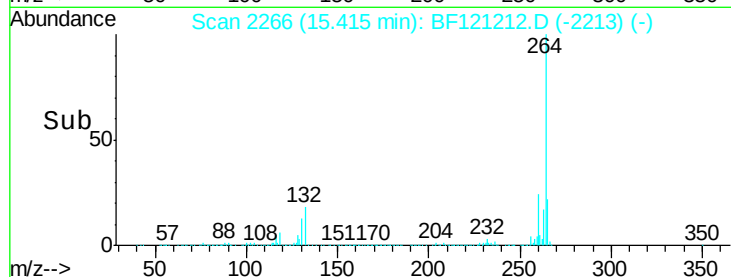
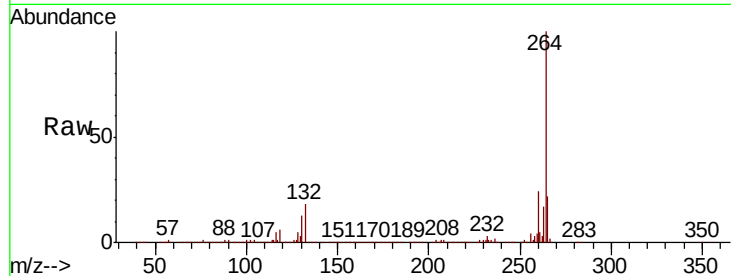


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

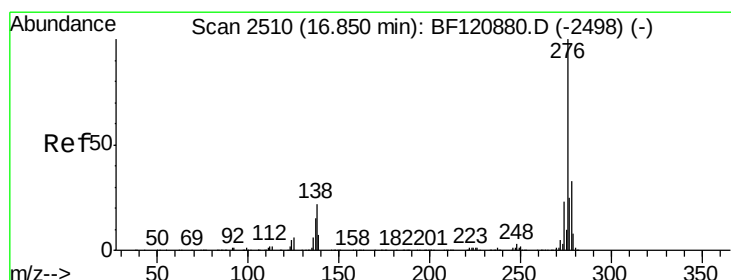
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.8	17.8	26.8

Manual Integrations
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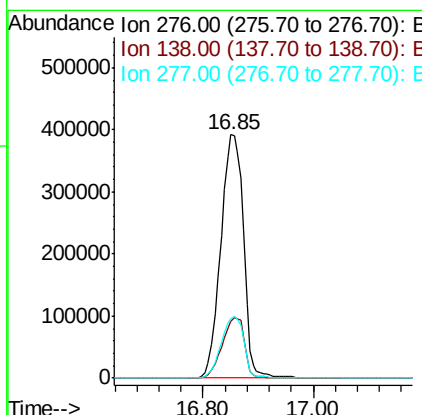
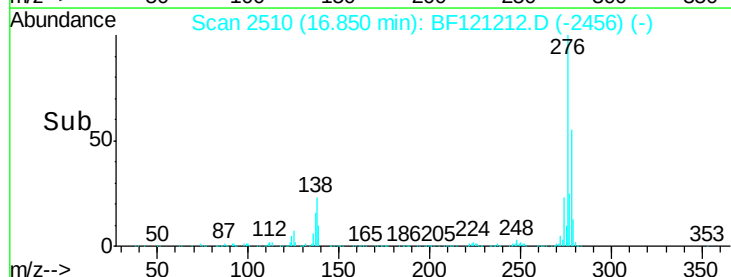
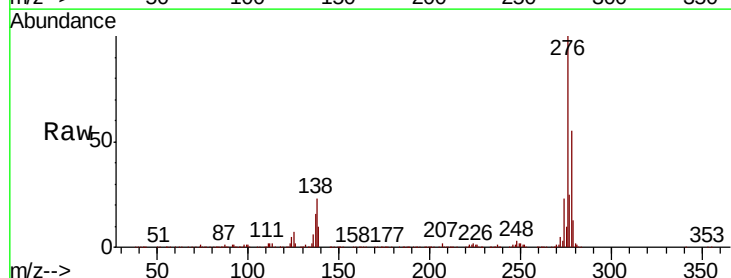
mohammad

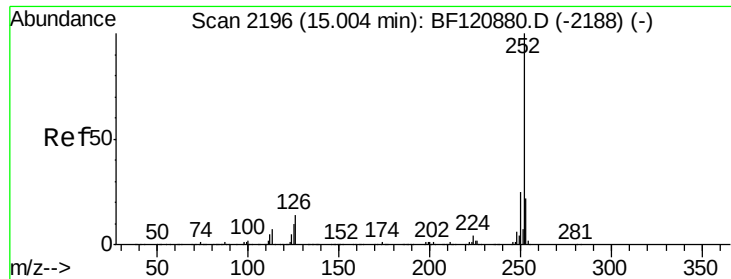
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#87
Indeno(1,2,3-cd)pyrene
Concen: 22.562 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.02 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.3	20.1	30.1



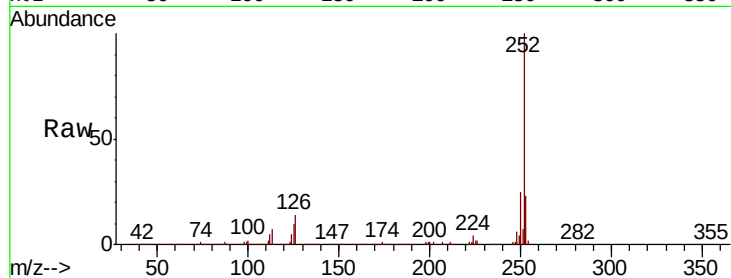


#88
Benzo(b)fluoranthene
Concen: 23.894 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.4	8.1	12.1

Manual Integrations
APPROVED

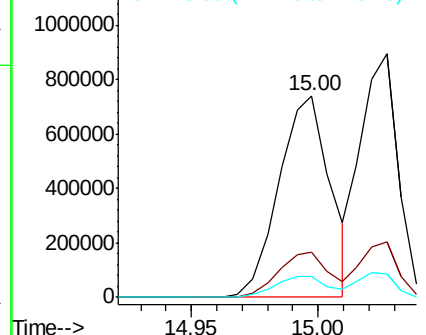


Abundance

Ion 252.00 (251.70 to 252.70): E

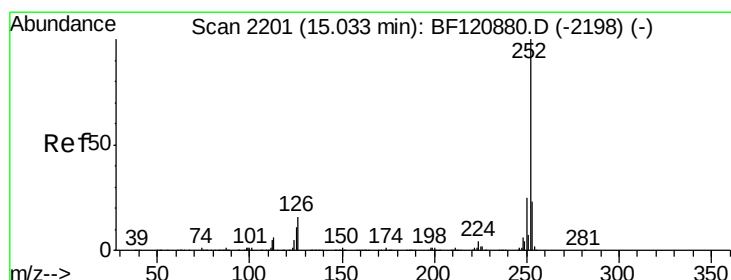
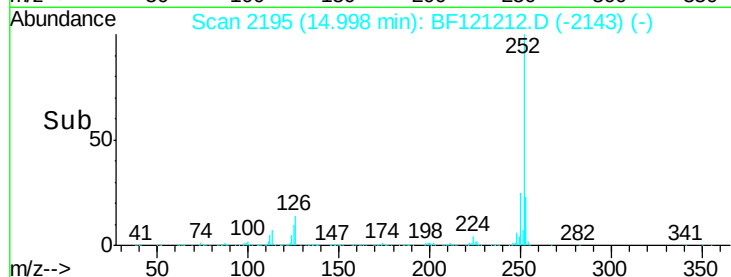
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#89
Benzo(k)fluoranthene
Concen: 23.470 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

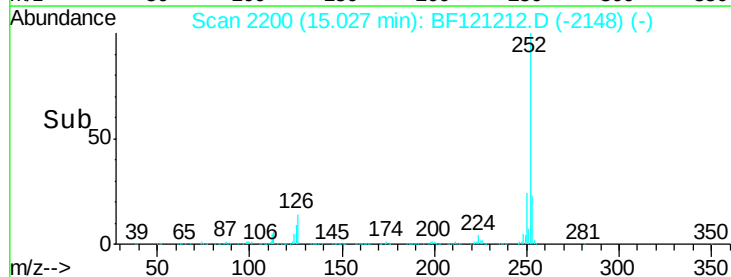
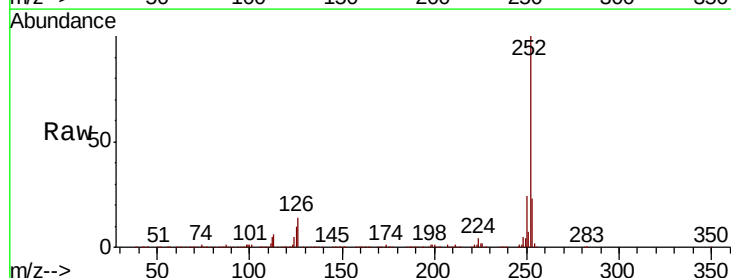
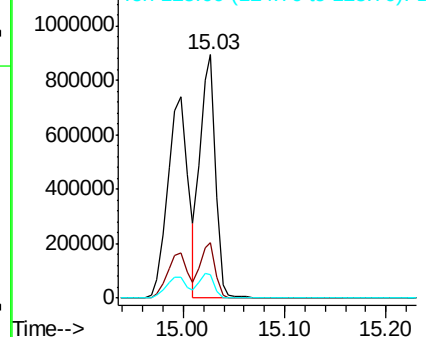
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.5	8.0	12.0

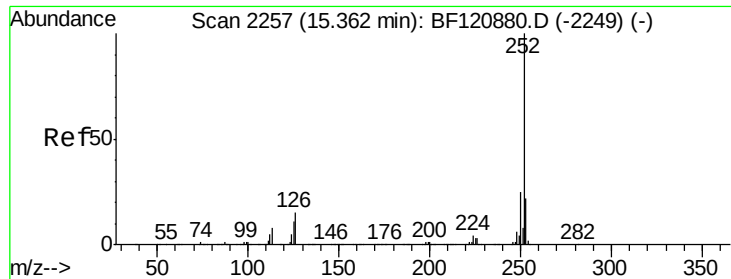
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



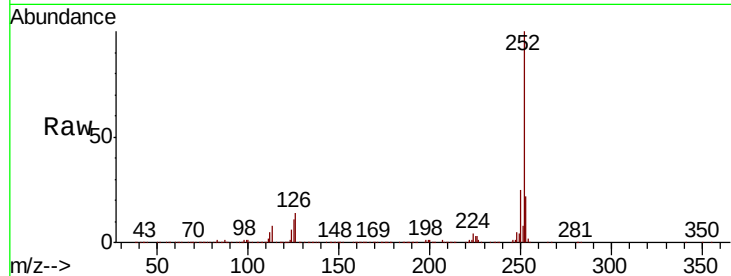


#90
Benzo(a)pyrene
Concen: 23.305 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

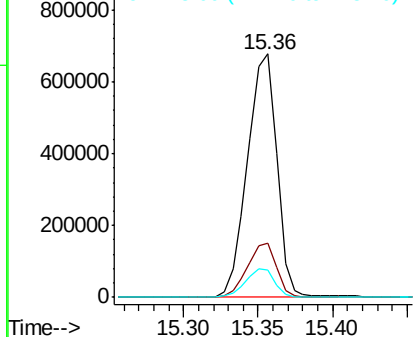
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IBMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	9.5	14.3

Manual Integrations
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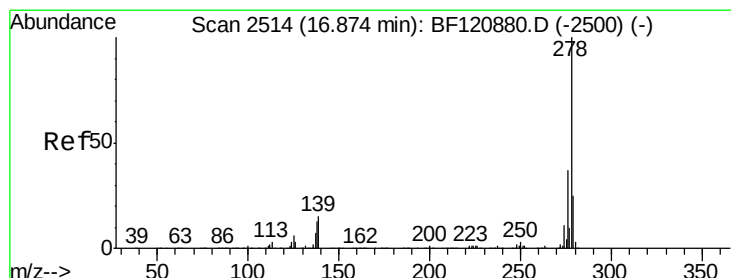
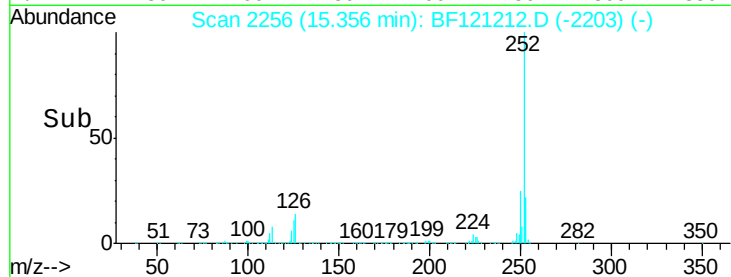


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



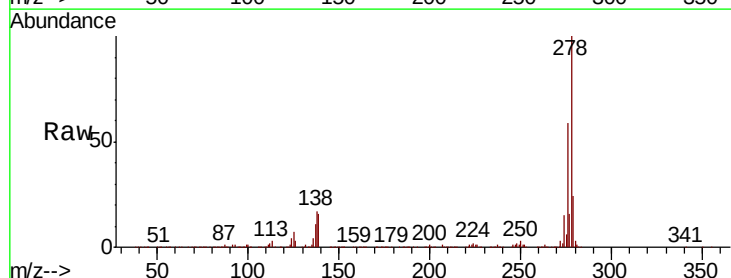
mohammad

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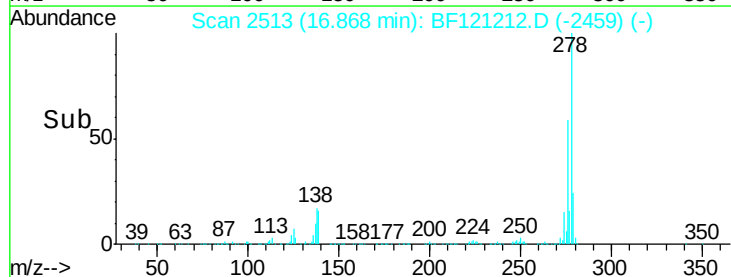
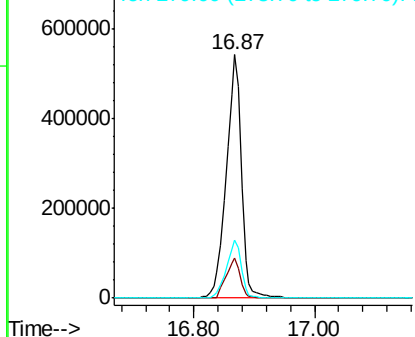


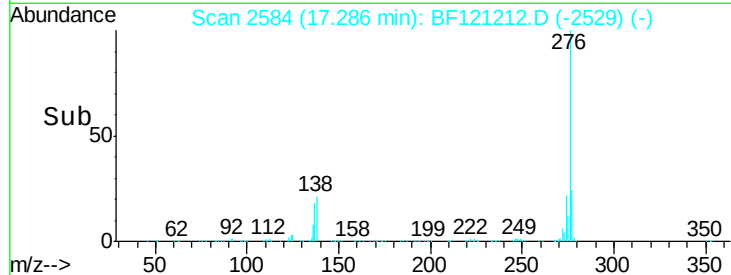
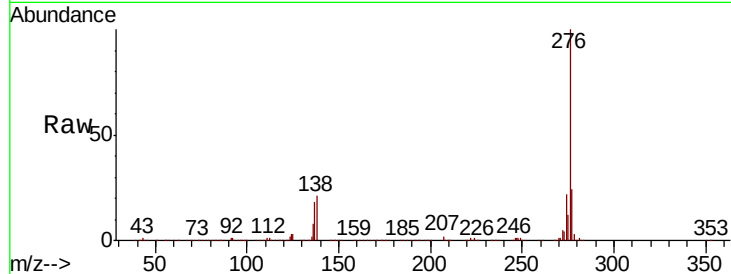
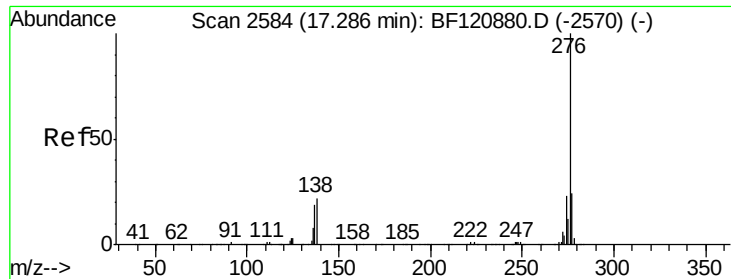
#91
Dibenzo(a,h)anthracene
Concen: 23.141 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF121212.D
Acq: 6 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	23.7	19.5	29.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



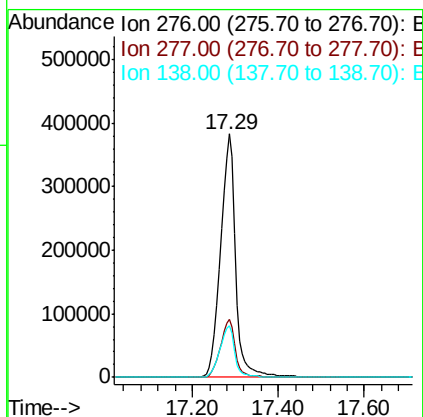


#92
 Benzo(a,h,i)perylene
 Concen: 22.892 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.02 min
 Lab File: BF121212.D
 Acq: 6 Aug 2020 20:13

Tot Ion:	276	Resp:	924248
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.4	29.0
138	21.4	17.2	25.8

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IBMSD

Manual Integrations
 APPROVED



mohammad

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