

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121209.D
 Acq On : 6 Aug 2020 18:43
 Operator : JU/CG
 Sample : L3553-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Manual Integrations
 APPROVED

mohammad
 8/7/2020 1:50:58 PM

Quant Time: Aug 06 19:15:34 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	6.79	152	150439	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	599235	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	313419	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	579405	20.00	ng	0.00
76) Chrysene-d12	13.97	240	328150	20.00	ng	0.00
86) Perylene-d12	15.42	264	407730	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	936311	102.03	ng	0.00
7) Phenol-d6	6.44	99	1166695	98.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	793686	76.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330169	96.24	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1348515	64.24	ng	0.00
79) Terphenyl-d14	12.91	244	1201580	79.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	148387	35.134	ng	100
3) Pyridine	3.26	79	317974	28.302	ng	99
4) n-Nitrosodimethylamine	3.20	42	189287	39.400	ng	94
6) Aniline	6.46	93	386646	24.988	ng	# 46
8) 2-Chlorophenol	6.58	128	417462	41.295	ng	99
9) Benzaldehyde	6.35	77	275984	51.979	ng	98
10) Phenol	6.45	94	484146	37.129	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	413996	41.427	ng	99
12) 1,3-Dichlorobenzene	6.73	146	413399	37.712	ng	98
13) 1,4-Dichlorobenzene	6.81	146	423192	38.824	ng	99
14) 1,2-Dichlorobenzene	6.96	146	407420	39.509	ng	99
15) Benzyl Alcohol	6.95	79	335354	40.004	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	536331	37.234	ng	92
17) 2-Methylphenol	7.06	107	322740	36.019	ng	99
18) Hexachloroethane	7.30	117	146426	37.114	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	256965	38.122	ng	98
20) 3+4-Methylphenols	7.22	107	391521	34.349	ng	# 79
22) Acetophenone	7.20	105	534372	39.734	ng	94
24) Nitrobenzene	7.38	77	417881	37.438	ng	99
25) Isophorone	7.62	82	756939	36.623	ng	98
26) 2-Nitrophenol	7.70	139	227298	42.877	ng	96
27) 2,4-Dimethylphenol	7.74	122	344467	40.022	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	486124	38.531	ng	100
29) 2,4-Dichlorophenol	7.95	162	352293	40.056	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	364790	37.385	ng	99
31) Naphthalene	8.10	128	1158564	37.692	ng	99
32) Benzoic acid	7.82	122	18126m	2.805	ng	
33) 4-Chloroaniline	8.16	127	288639	21.050	ng	99
34) Hexachlorobutadiene	8.22	225	203452	35.369	ng	100
35) Caprolactam	8.53	113	108649m	38.522	ng	
36) 4-Chloro-3-methylphenol	8.65	107	355996	39.467	ng	99
37) 2-Methylnaphthalene	8.79	142	785574	39.361	ng	99
38) 1-Methylnaphthalene	8.89	142	737136	38.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	361129	39.547	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	130962	25.949	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	246055	38.269	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	263916	36.187	nq	97
46) 1,1'-Biphenyl	9.26	154	930951	38.940	nq	100
47) 2-Chloronaphthalene	9.28	162	708429	36.345	nq	98
48) 2-Nitroaniline	9.39	65	233443	39.630	nq	95
49) Acenaphthylene	9.70	152	1156072	38.178	nq	100
50) Dimethylphthalate	9.56	163	1075530	47.566	nq	99
51) 2,6-Dinitrotoluene	9.63	165	187398	38.577	nq	99
52) Acenaphthene	9.87	154	803672m	41.745	nq	
53) 3-Nitroaniline	9.79	138	153304	25.162	nq	92
54) 2,4-Dinitrophenol	9.91	184	52461	23.992	nq	96
55) Dibenzofuran	10.05	168	1044688	37.525	nq	97
56) 4-Nitrophenol	9.97	139	304111	65.710	nq	98
57) 2,4-Dinitrotoluene	10.03	165	236311	37.043	nq	# 89
58) Fluorene	10.39	166	867198	41.765	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	221336	39.859	nq	99
60) Diethylphthalate	10.26	149	838480	36.662	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	355527	32.102	nq	100
62) 4-Nitroaniline	10.41	138	205495	34.626	nq	96
63) Azobenzene	10.54	77	766567	35.207	nq	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	65405	21.785	nq	96
66) n-Nitrosodiphenylamine	10.50	169	696818	38.230	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	237153	36.711	nq	96
68) Hexachlorobenzene	10.93	284	262580	37.576	nq	# 91
69) Atrazine	11.03	200	195182	43.239	nq	96
70) Pentachlorophenol	11.14	266	291653	72.854	nq	98
71) Phenanthrene	11.36	178	2402445	80.622	nq	99
72) Anthracene	11.40	178	1478178	49.400	nq	99
73) Carbazole	11.56	167	1102708	37.134	nq	100
74) Di-n-butylphthalate	11.89	149	1231884	35.948	nq	99
75) Fluoranthene	12.54	202	2341325	70.885	nq	98
77) Benzidine	12.66	184	315426	36.560	nq	98
78) Pyrene	12.77	202	2398338	103.375	nq	99
80) Butylbenzylphthalate	13.39	149	464413	44.904	nq	100
81) Benzo(a)anthracene	13.96	228	1494199	75.195	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	292443	39.009	nq	99
83) Chrysene	14.00	228	1406257	67.342	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	587232	46.045	nq	# 99
85) Di-n-octyl phthalate	14.56	149	981564	38.685	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1234656	43.541	nq	99
88) Benzo(b)fluoranthene	15.00	252	1724746	69.981	nq	98
89) Benzo(k)fluoranthene	15.03	252	883593	39.311	nq	99
90) Benzo(a)pyrene	15.37	252	1365566	60.730	nq	98
91) Dibenzo(a,h)anthracene	16.88	278	795724	34.354	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1046663	45.829	nq	100

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



#1

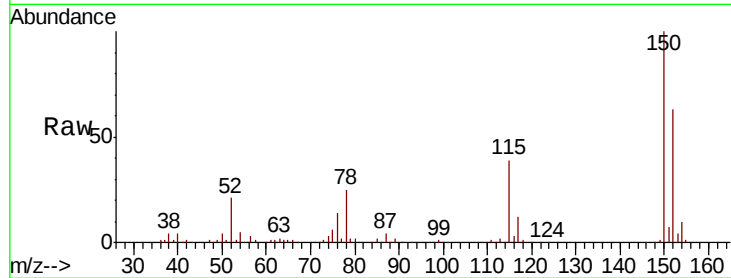
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.6	188.4
115	61.5	46.2	69.2

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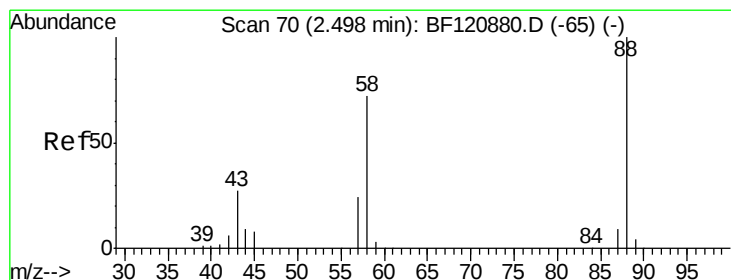
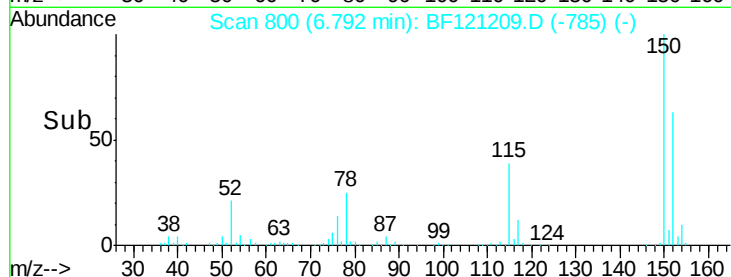
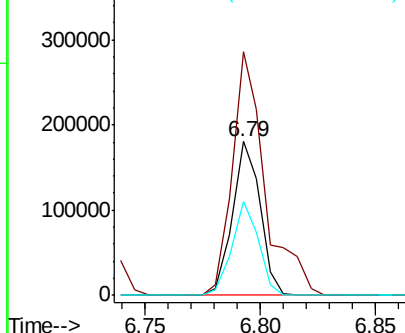


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

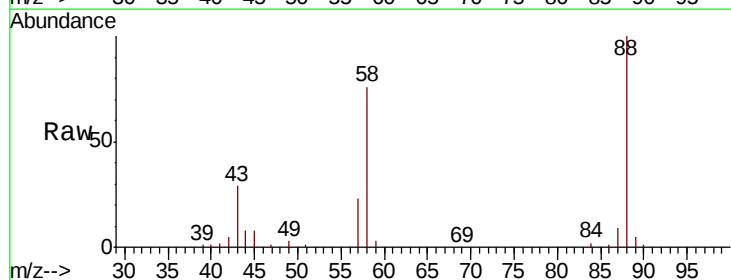
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.134 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.2	87.4
43	26.9	21.3	31.9

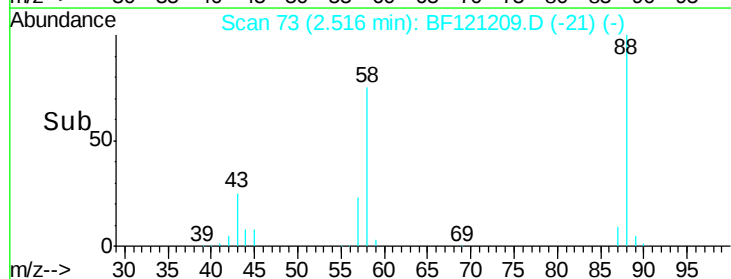
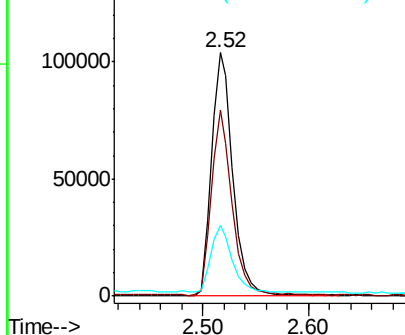


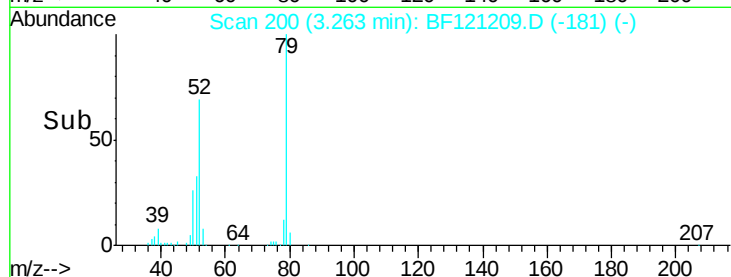
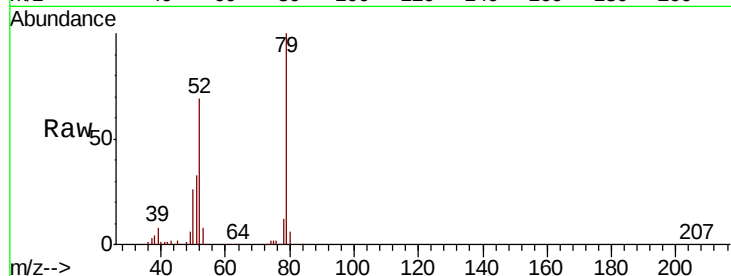
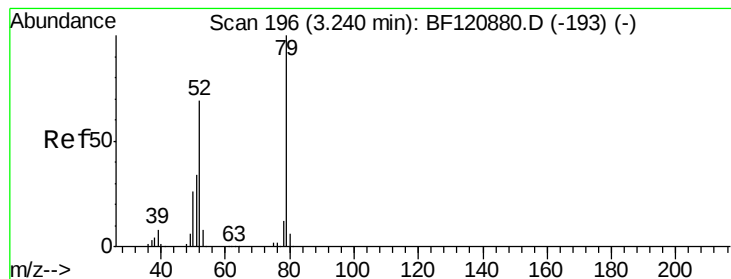
Abundance

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





#3

Pvridine

Concen: 28.302 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tot Ion:	79	Resp:	317974
Ion	Ratio	Lower	Upper
79	100		
52	68.5	54.9	82.3
51	33.0	27.4	41.0

Instrument :

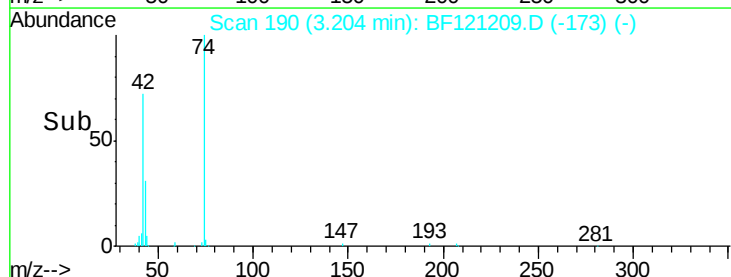
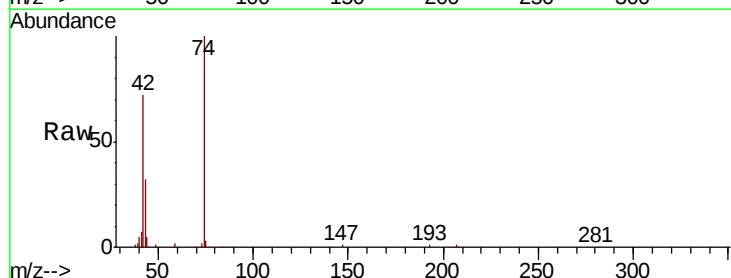
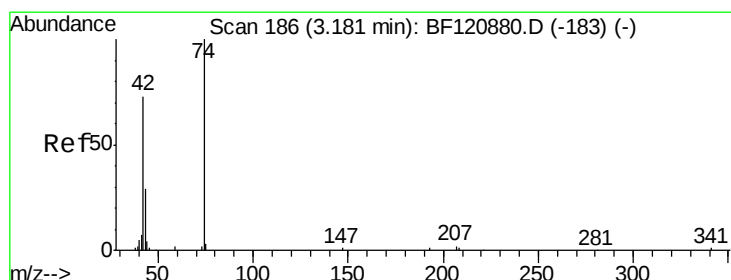
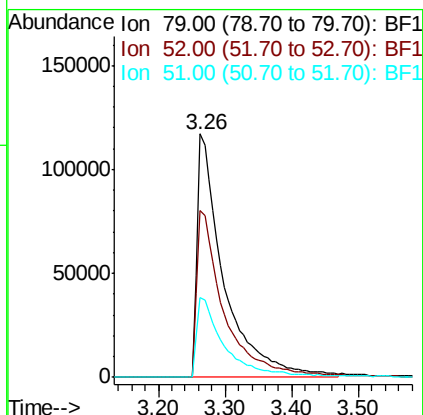
BNA_F

ClientSampleId :

JB-1AMSD

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#4

n-Nitrosodimethylamine

Concen: 39.400 ng

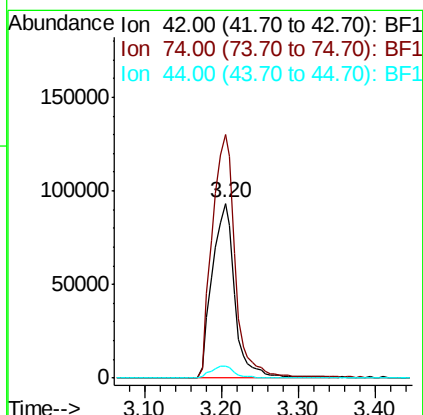
RT: 3.20 min Scan# 190

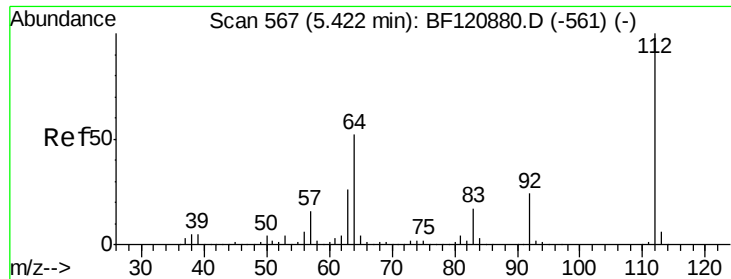
Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	42	Resp:	189287
Ion	Ratio	Lower	Upper
42	100		
74	139.3	117.3	175.9
44	6.7	5.9	8.9





#5

2-Fluorophenol

Concen: 102.031 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

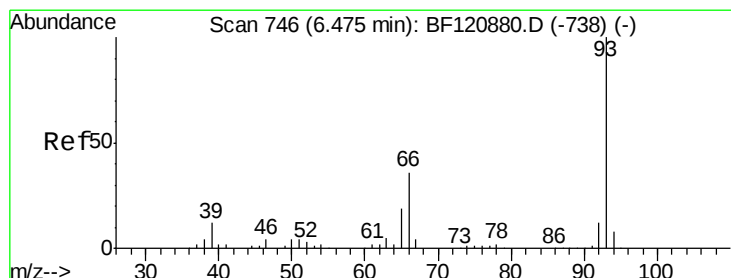
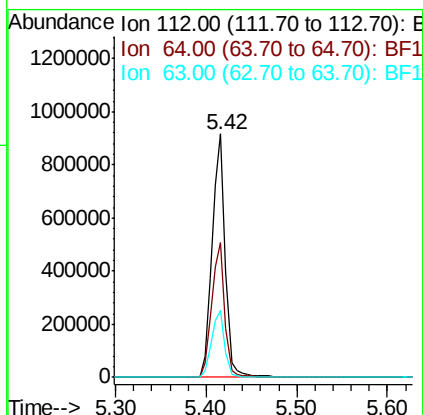
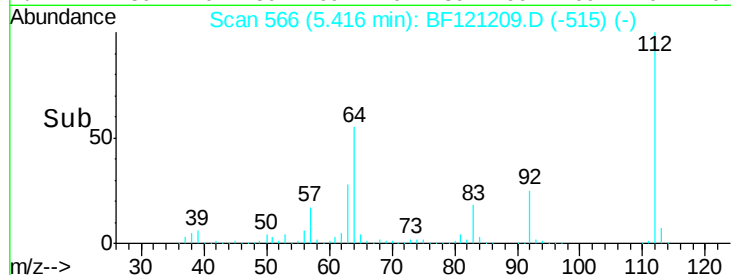
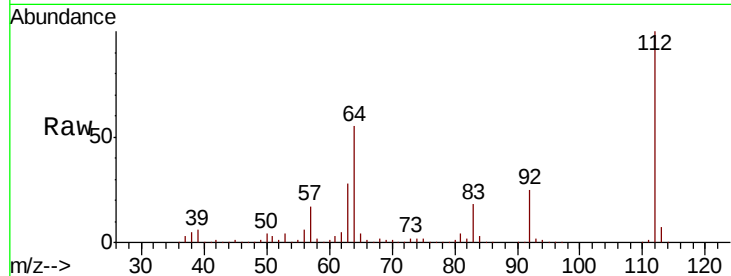
ClientSampleId :

JB-1AMSD

Tot Ion:	112	Resp:	936311
Ion Ratio	Lower	Upper	
112	100		
64	55.2	43.9	65.9
63	27.7	22.7	34.1

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#6

Aniline

Concen: 24.988 ng

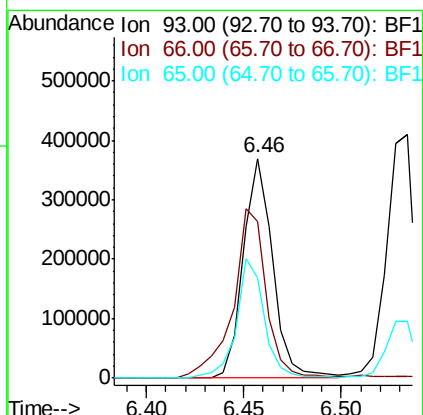
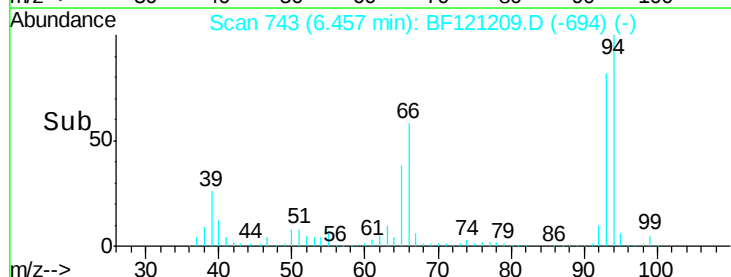
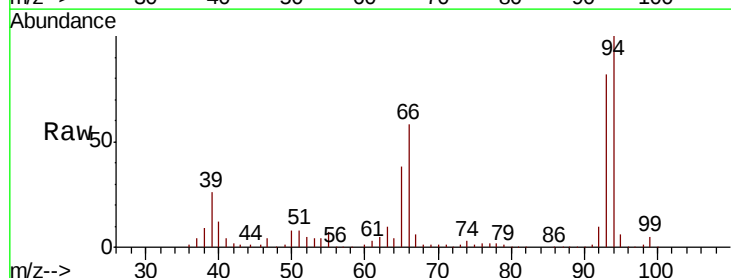
RT: 6.46 min Scan# 743

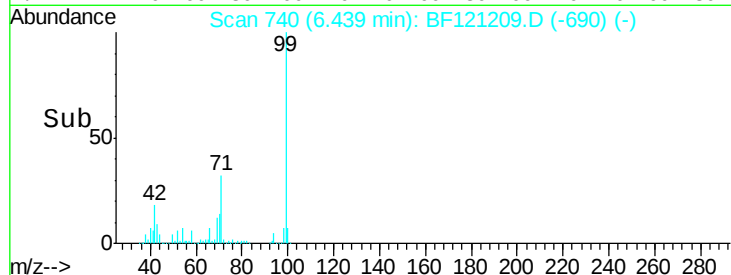
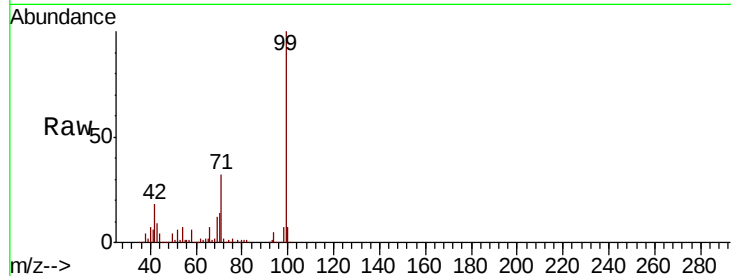
Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	93	Resp:	386646
Ion Ratio	Lower	Upper	
93	100		
66	71.2	31.0	46.4#
65	46.0	16.2	24.4#





#7

Phenol-d6

Concen: 98.422 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tot Ion: 99 Resp: 1166695

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 31.7 25.0 37.4

Instrument :

BNA_F

ClientSampleId :

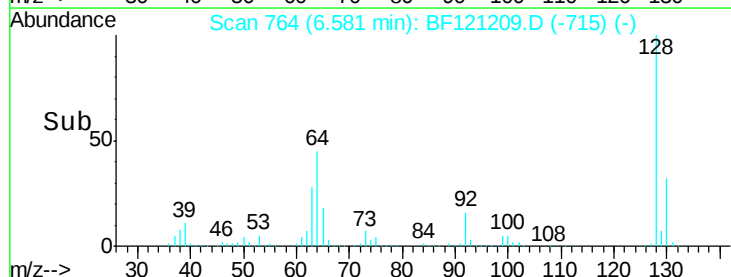
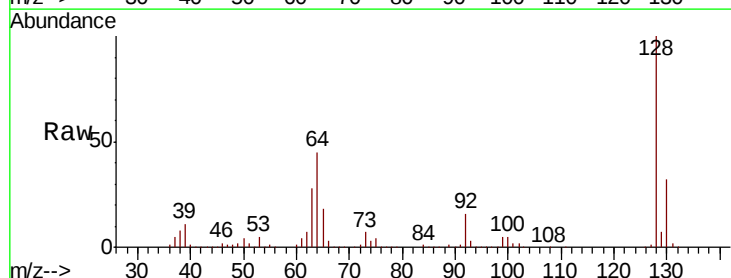
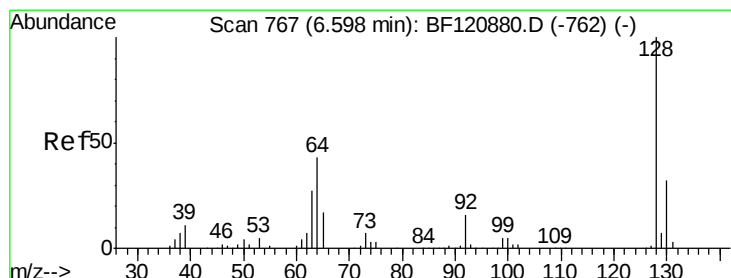
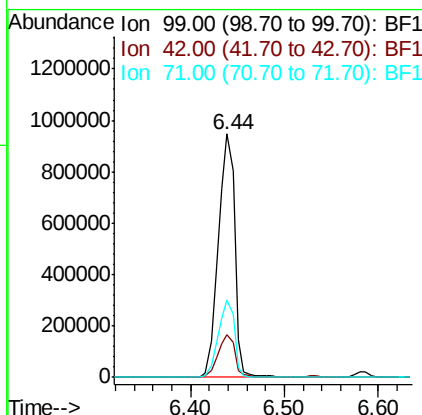
JB-1AMSD

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#8

2-Chlorophenol

Concen: 41.295 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

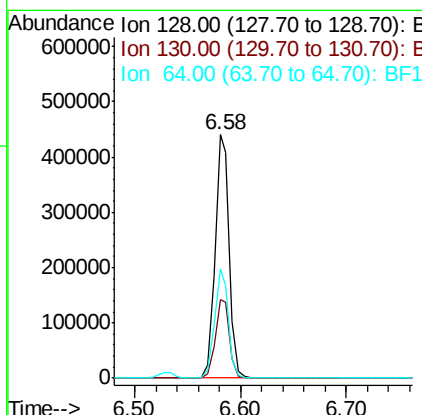
Tgt Ion: 128 Resp: 417462

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

64 45.0 23.8 63.8





#9

Benzaldehyde

Concen: 51.979 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

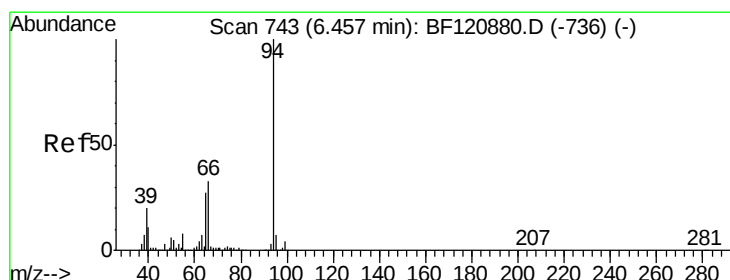
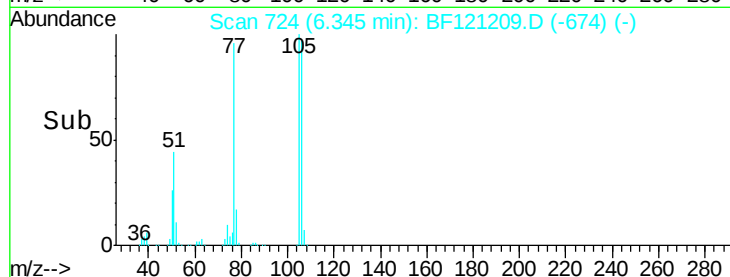
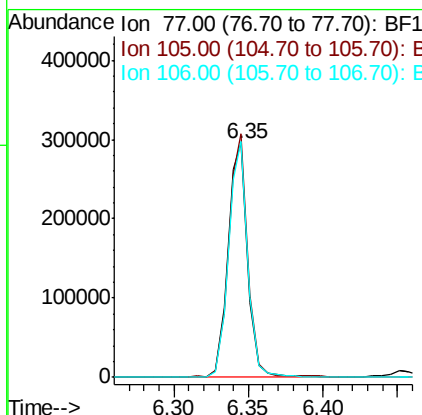
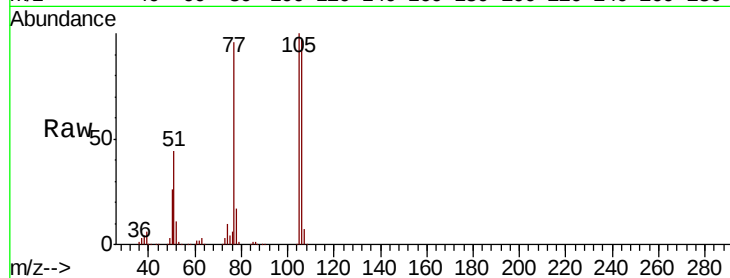
ClientSampleId :

JB-1AMSD

Tot Ion:	77	Resp:	275984
Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.4	122.4
106	100.6	78.9	118.9

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#10

Phenol

Concen: 37.129 ng

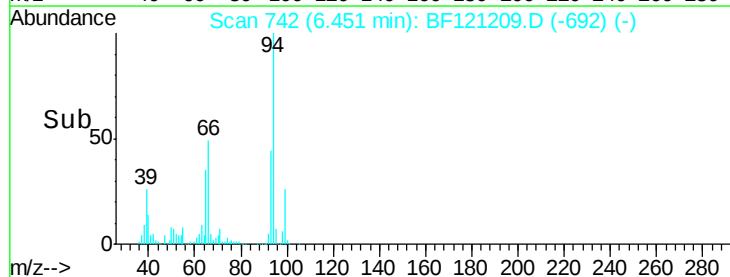
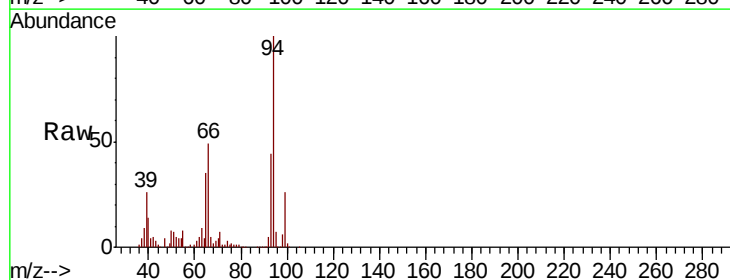
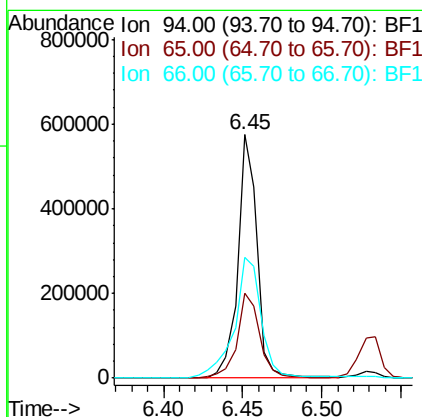
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	94	Resp:	484146
Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.6	52.6
66	49.4	25.6	65.6





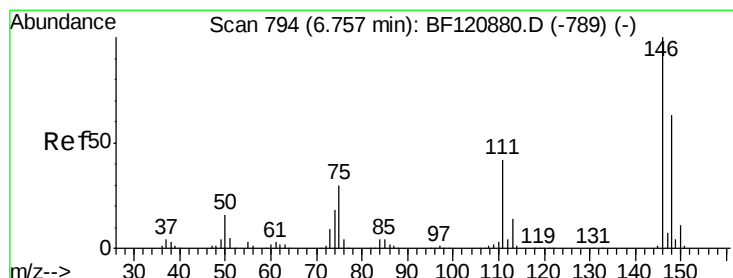
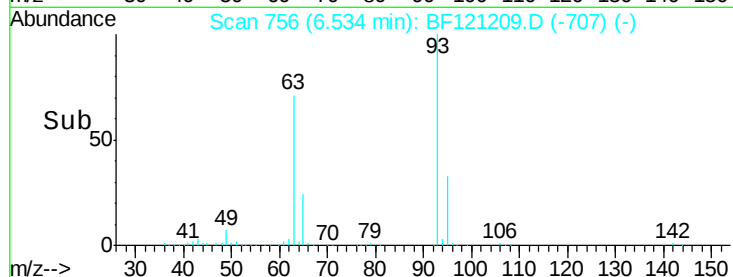
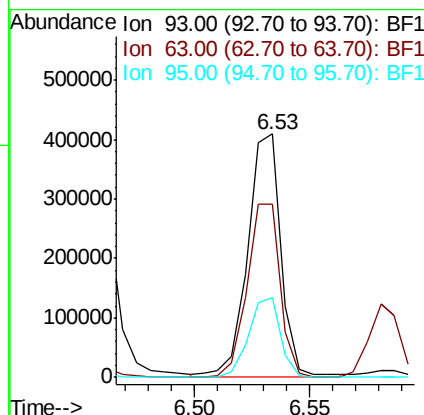
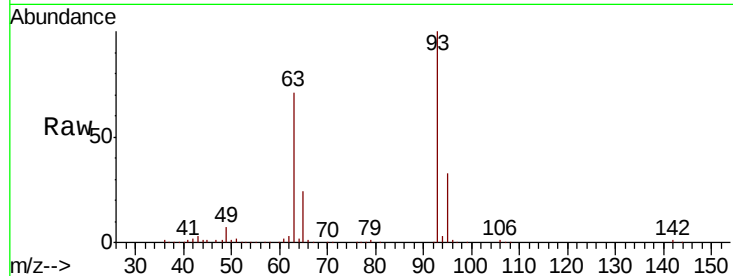
#11
bis(2-Chloroethyl)ether
Concen: 41.427 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:	93	Resp:	413996
Ion Ratio	Lower	Upper	
93	100		
63	71.4	51.9	91.9
95	32.6	13.2	53.2

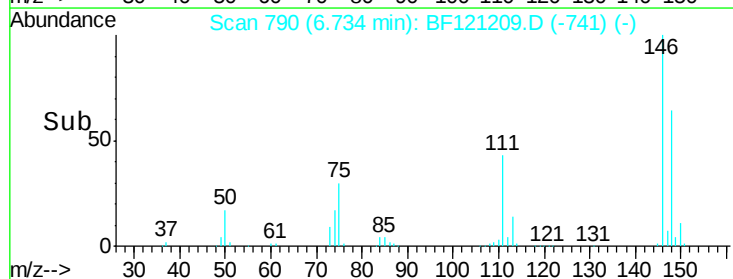
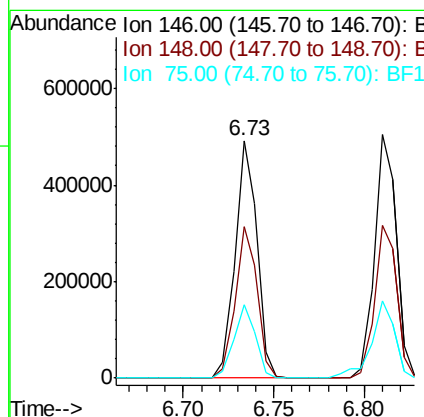
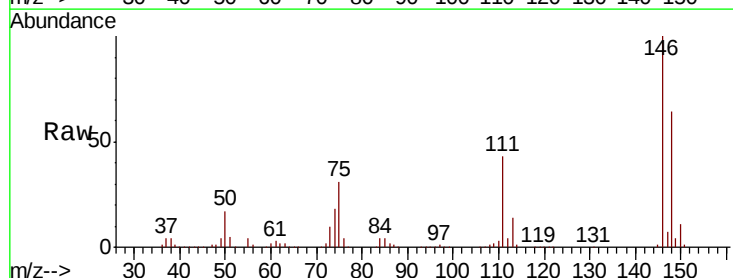
Manual Integrations
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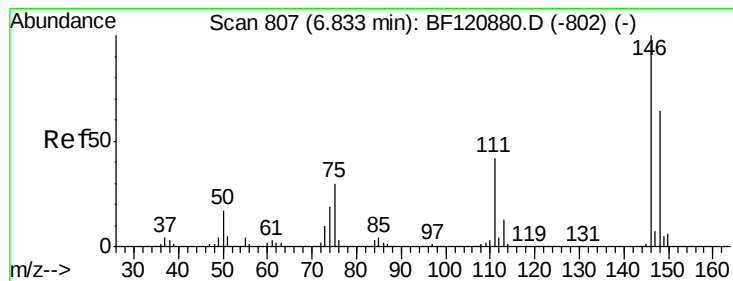
mohammad
8/7/2020 1:50:58 PM



#12
1,3-Dichlorobenzene
Concen: 37.712 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:	146	Resp:	413399
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.7	77.5
75	31.1	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 38.824 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

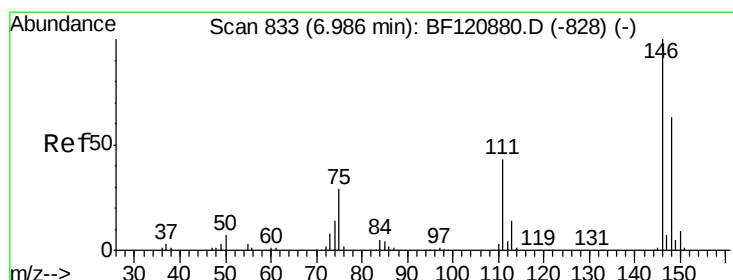
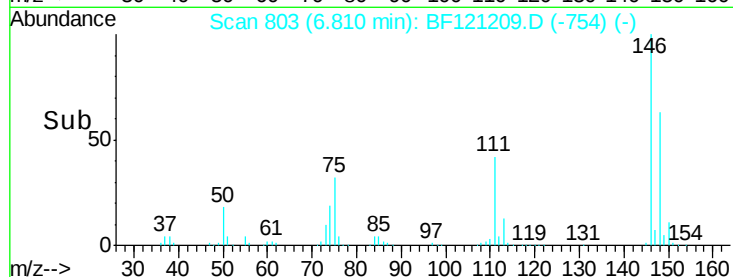
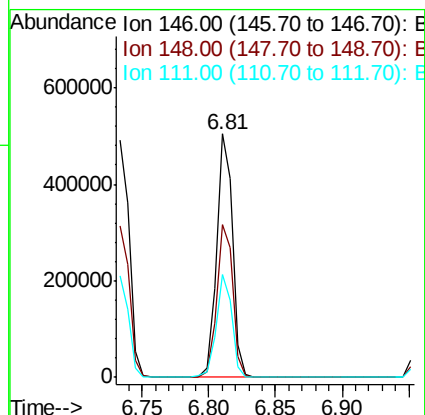
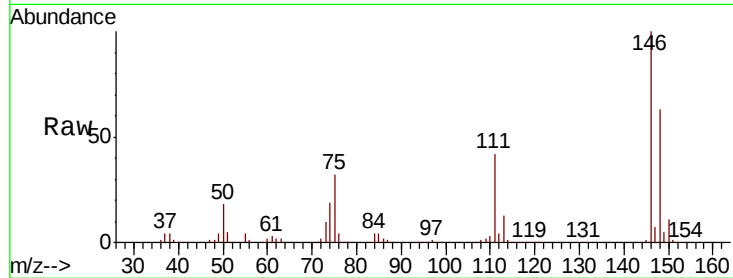
ClientSampleId :

JB-1AMSD

Tot Ion:	146	Resp:	423192
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.5	75.7
111	42.0	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 39.509 ng

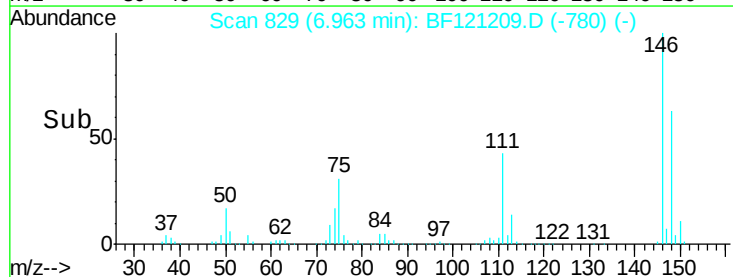
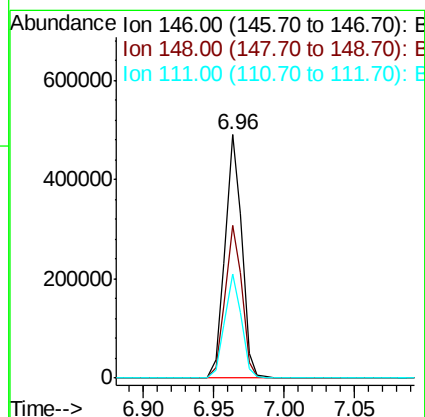
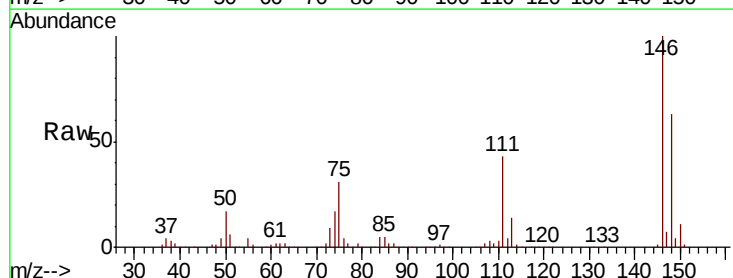
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	146	Resp:	407420
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	43.0	35.4	53.0





#15

Benzyl Alcohol

Concen: 40.004 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

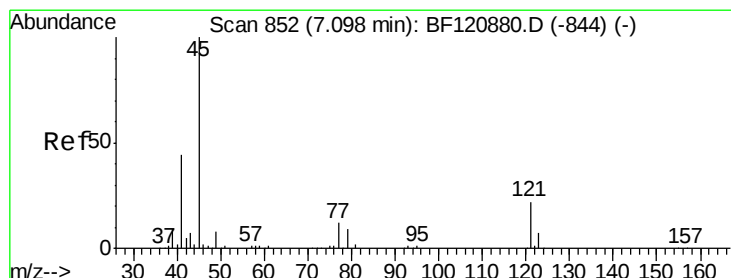
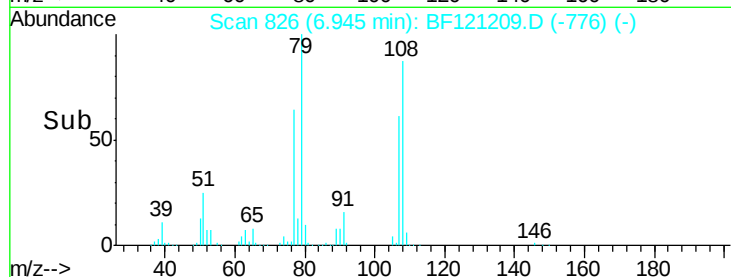
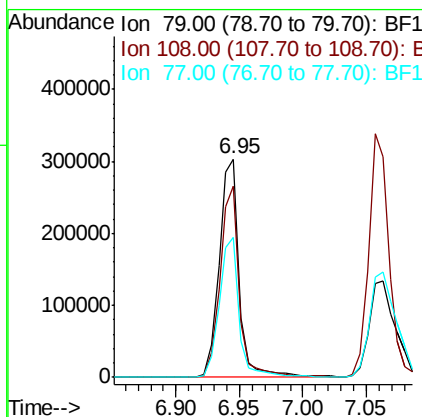
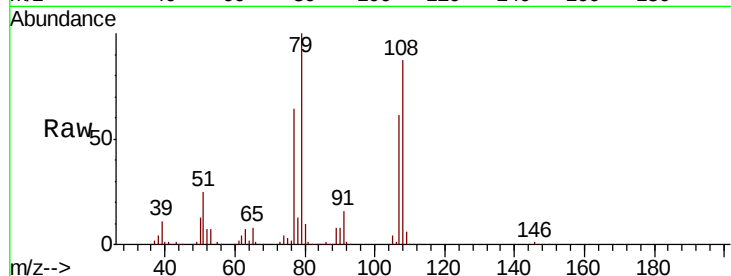
ClientSampleId :

JB-1AMSD

Tot Ion:	79	Resp:	335354
Ion Ratio	Lower	Upper	
79	100		
108	87.4	68.6	103.0
77	64.0	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.234 ng

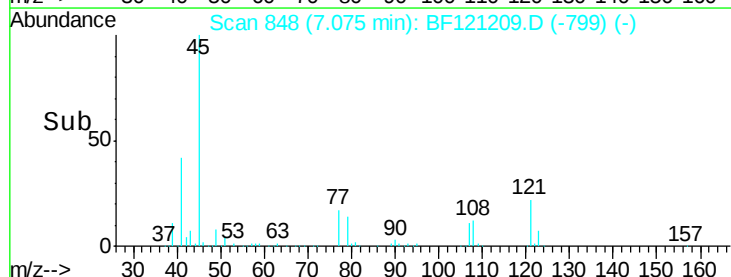
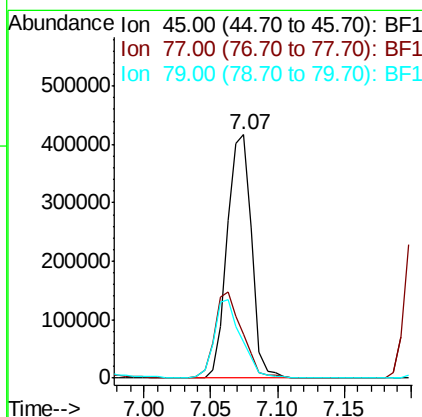
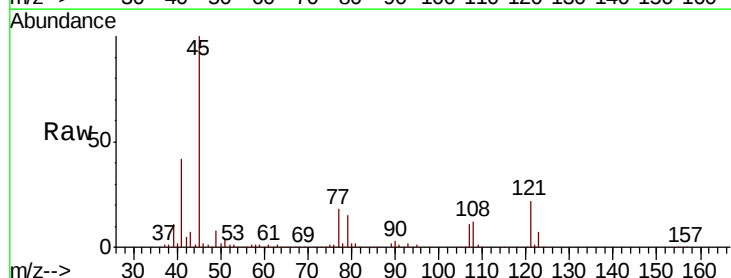
RT: 7.07 min Scan# 848

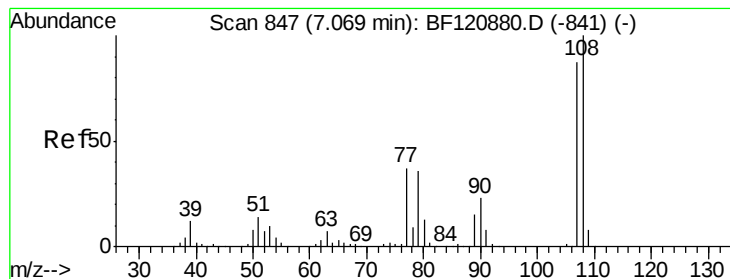
Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	45	Resp:	536331
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	34.7
79	15.1	0.0	32.0





#17

2-Methylphenol

Concen: 36.019 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

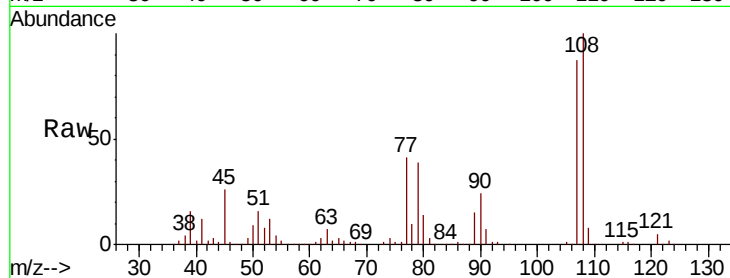
ClientSampleId :

JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.2	136.8	
77	46.9	36.5	54.7	
79	44.2	35.0	52.6	

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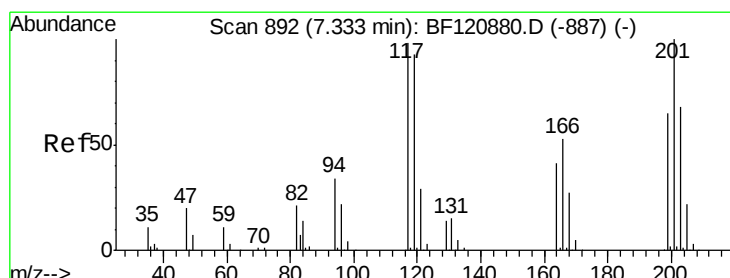
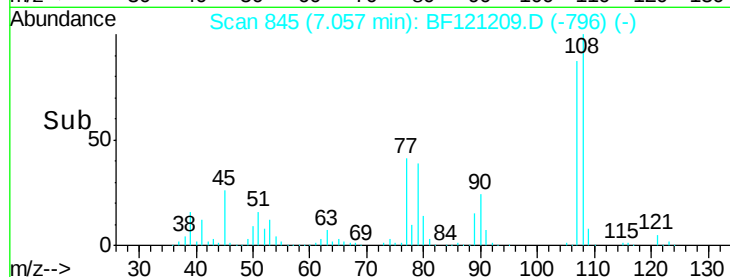
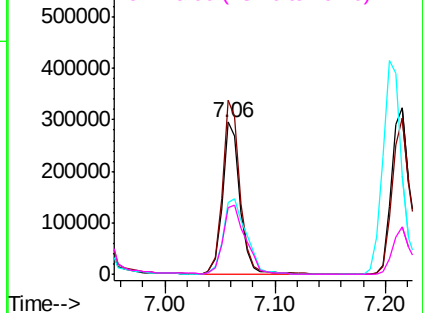
Abundance

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



#18

Hexachloroethane

Concen: 37.114 ng

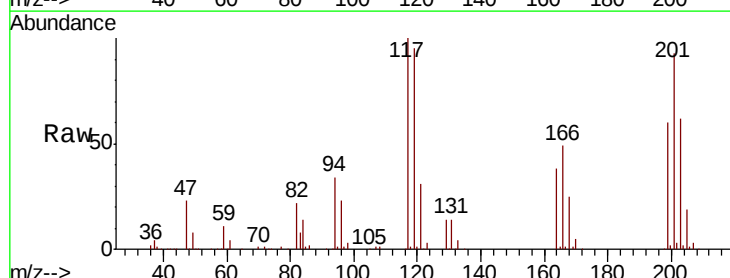
RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.6	114.8	
201	92.9	75.0	112.4	

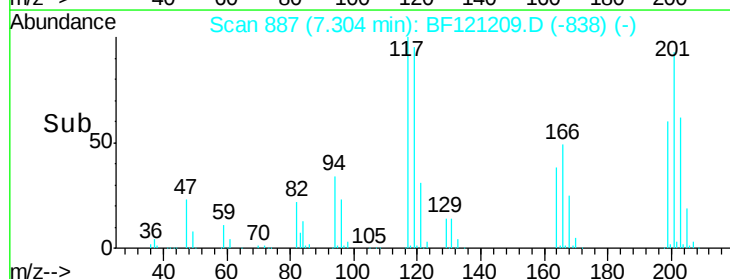
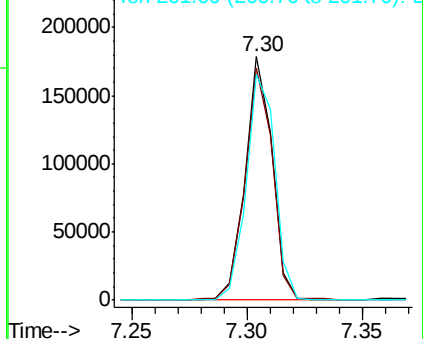


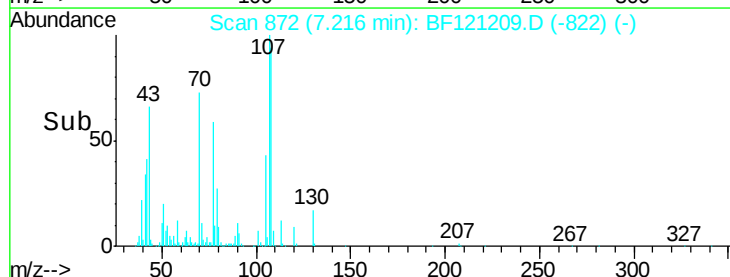
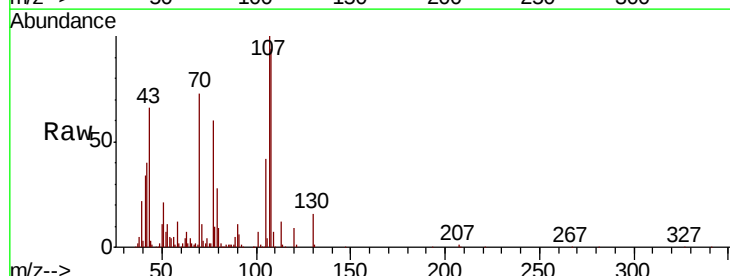
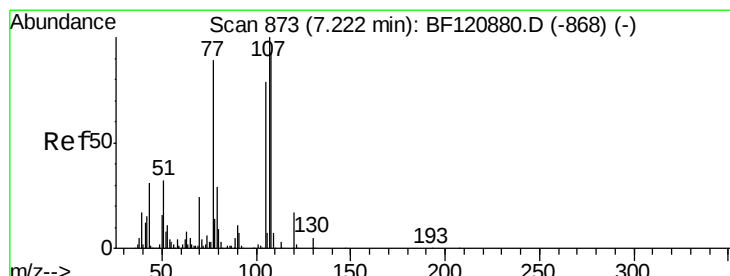
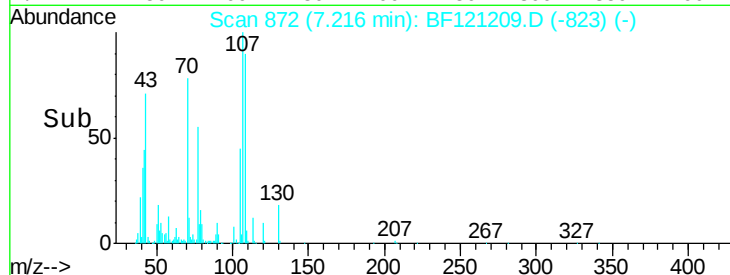
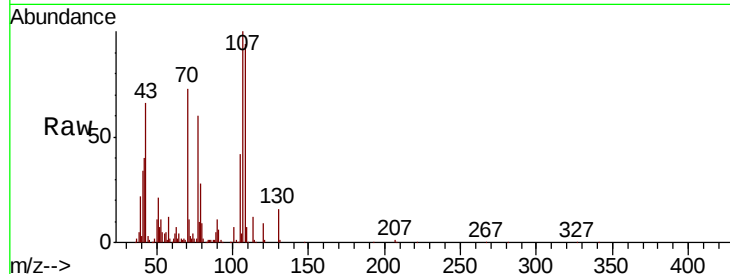
Abundance

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





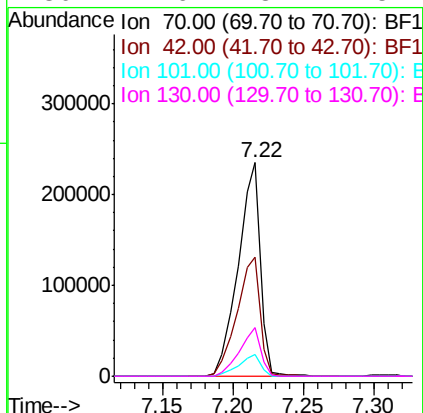
#19
n-Nitroso-di-n-propylamine
Concen: 38.122 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		256965		
42	55.5	43.3	64.9		
101	10.1	8.4	12.6		
130	22.6	18.7	28.1		

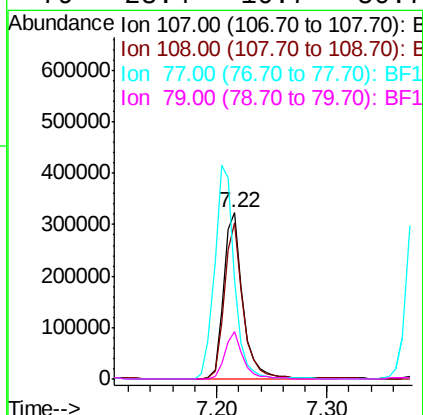
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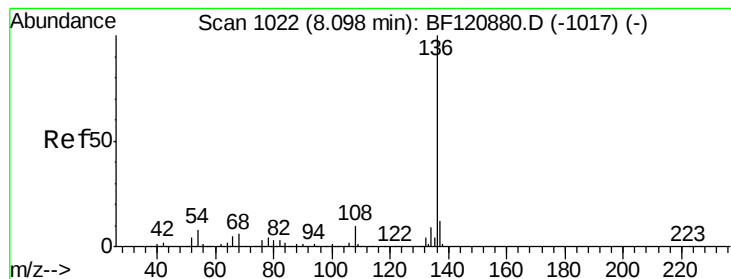
mohammad
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#20
3+4-Methylphenols
Concen: 34.349 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		391521		
108	94.3	73.7	113.7		
77	59.6	84.9	124.9		
79	28.4	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: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

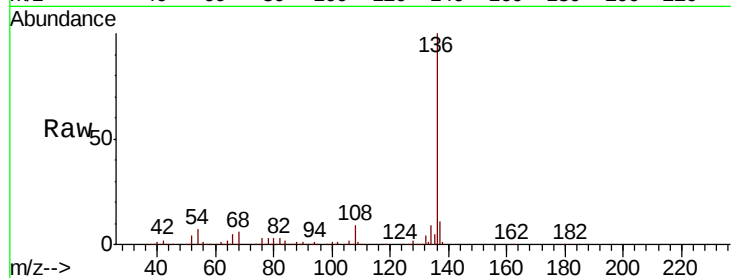
ClientSampleId :

JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	599235		
137	11.1	9.0	13.4	
54	7.0	6.1	9.1	
68	5.7	5.0	7.6	

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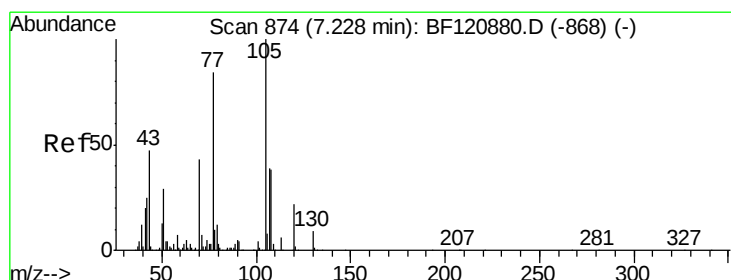
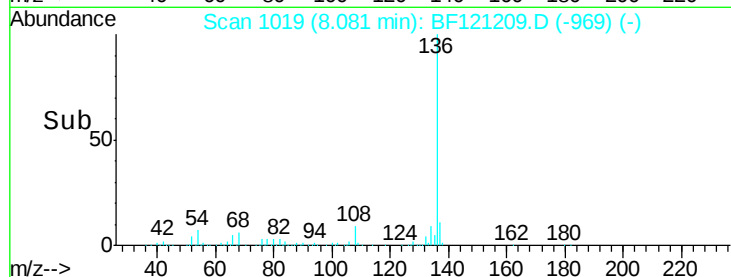
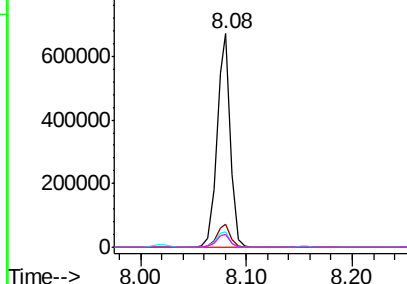
Abundance

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



#22

Acetophenone

Concen: 39.734 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534372		
71	3.9	3.8	5.8	
51	29.0	28.0	42.0	
120	22.2	17.8	26.6	

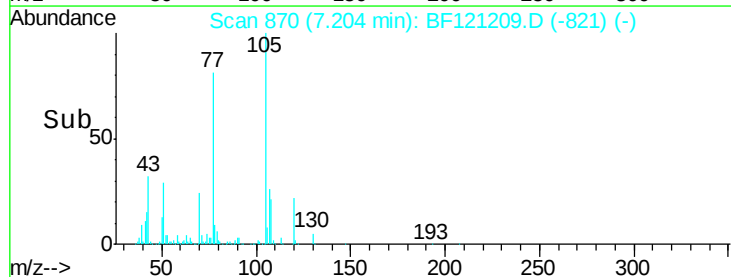
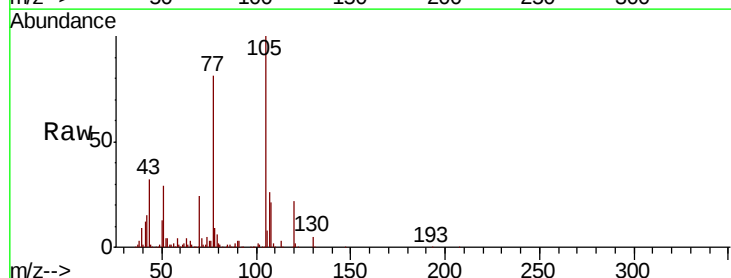
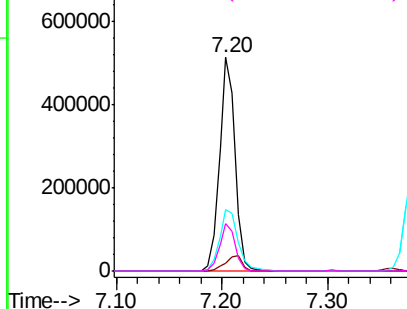
Abundance

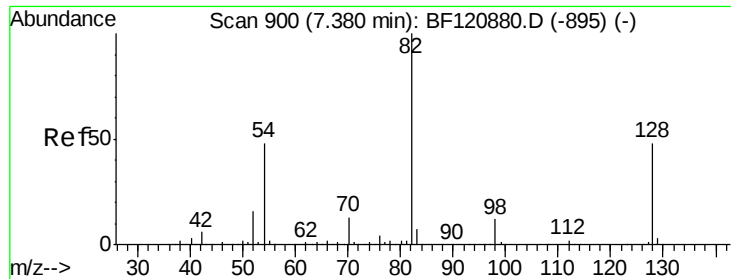
Ion 105.00 (104.70 to 105.70): E

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





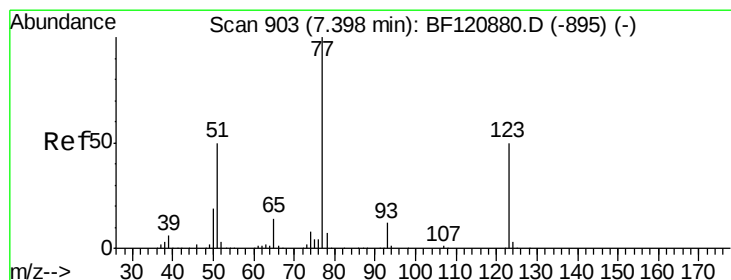
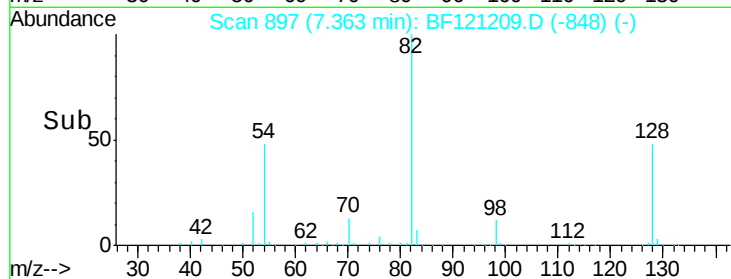
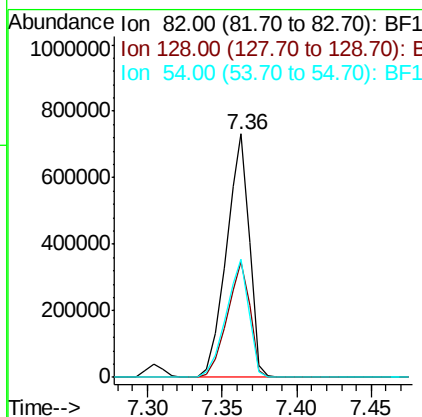
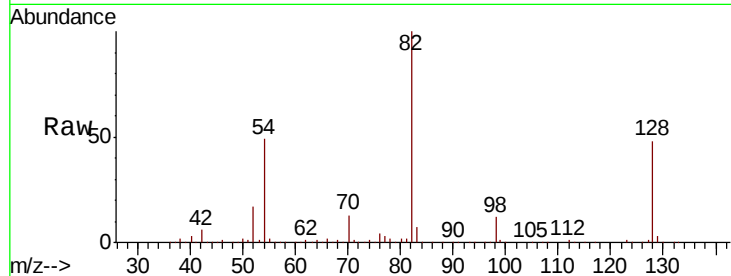
#23
 Nitrobenzene-d5
 Concen: 76.640 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	39.2	58.8	
54	48.7	37.8	56.8	

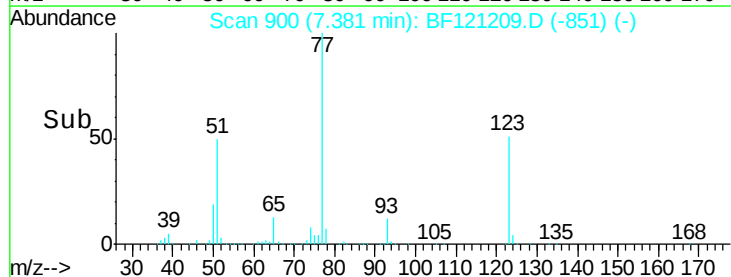
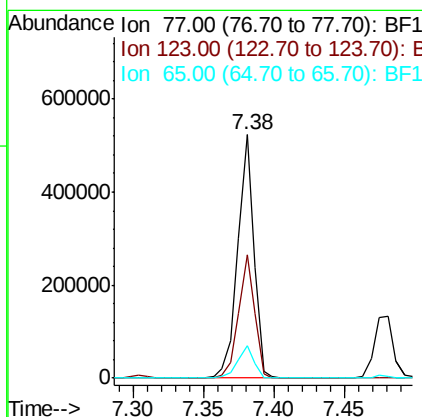
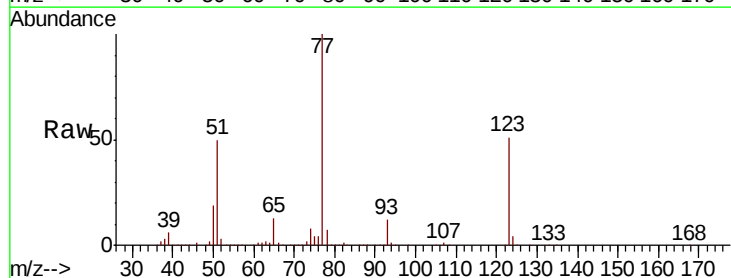
Manual Integrations
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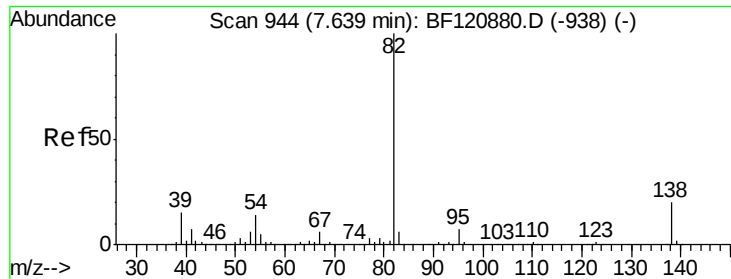
mohammad
 8/7/2020 1:50:58 PM



#24
 Nitrobenzene
 Concen: 37.438 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.8	41.0	61.6	
65	13.4	10.3	15.5	





#25

Isophorone

Concen: 36.623 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

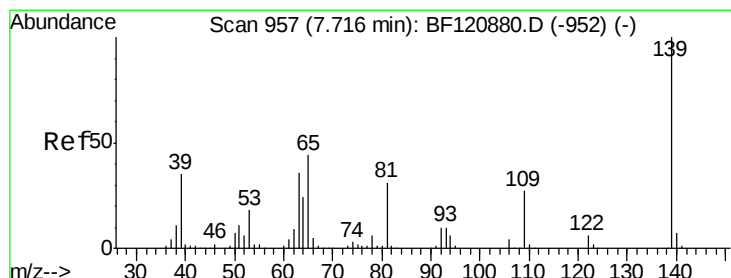
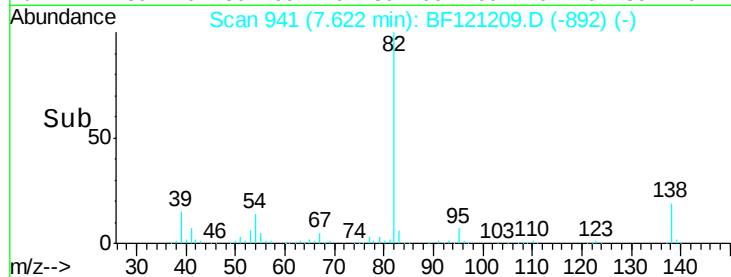
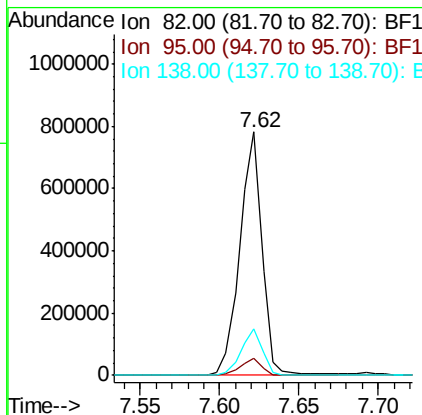
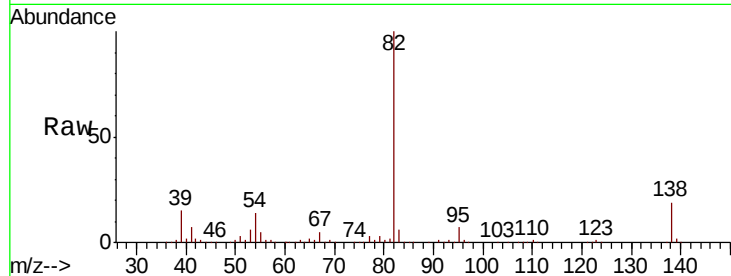
ClientSampled :

JB-1AMSD

Tot Ion:	82	Resp:	756939
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.5	8.3
138	19.2	16.2	24.2

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#26

2-Nitrophenol

Concen: 42.877 ng

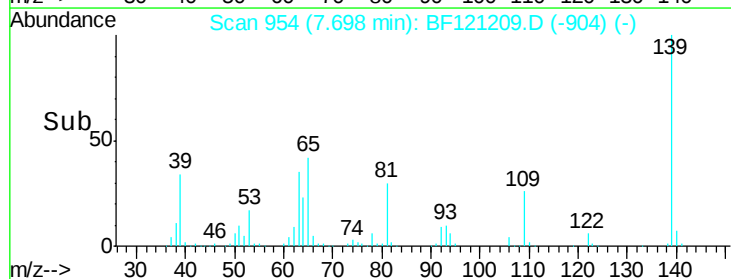
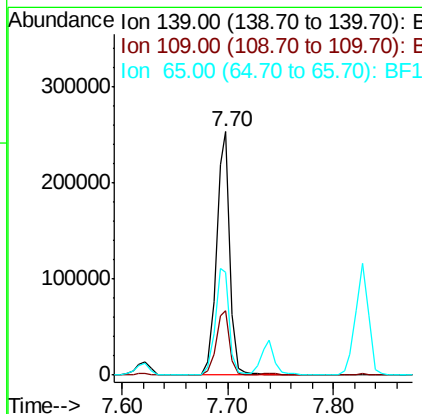
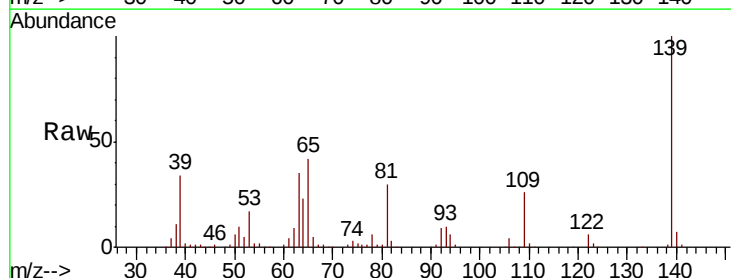
RT: 7.70 min Scan# 954

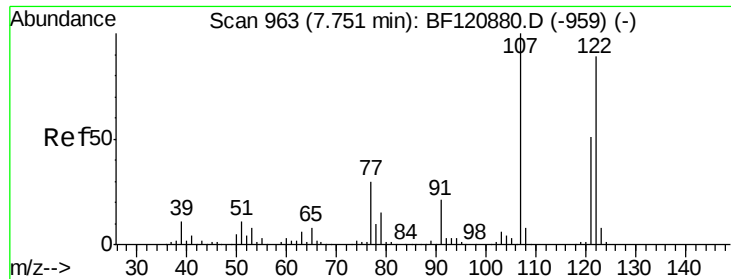
Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	139	Resp:	227298
Ion Ratio		Lower	Upper
139	100		
109	26.4	21.7	32.5
65	42.3	36.3	54.5





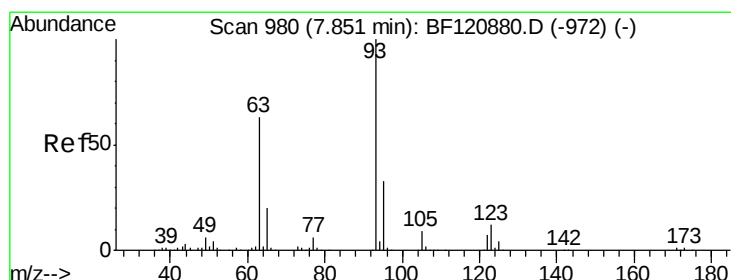
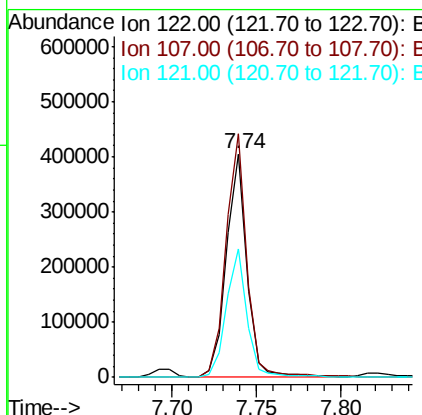
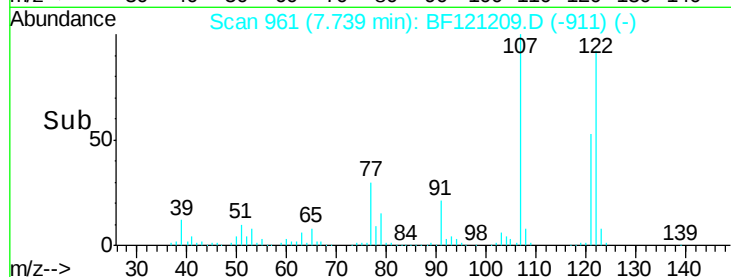
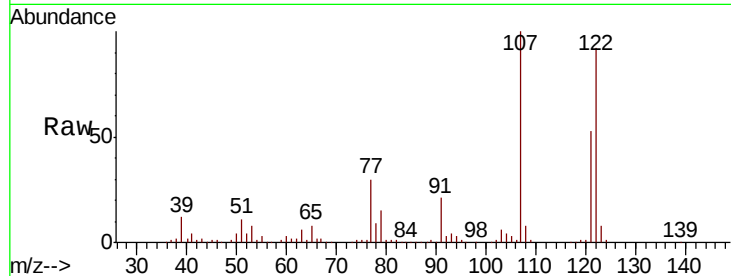
#27
2,4-Dimethylphenol
Concen: 40.022 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	87.1	130.7
121	57.2	45.5	68.3

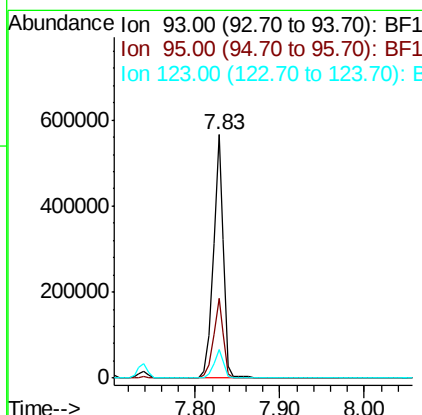
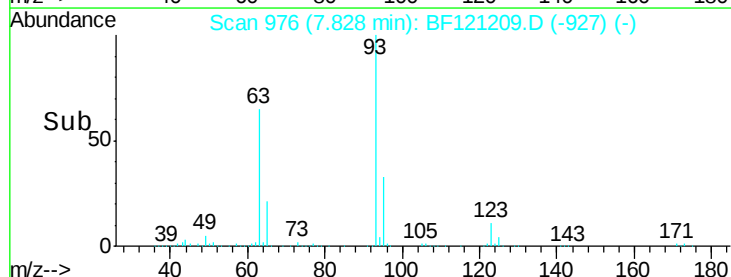
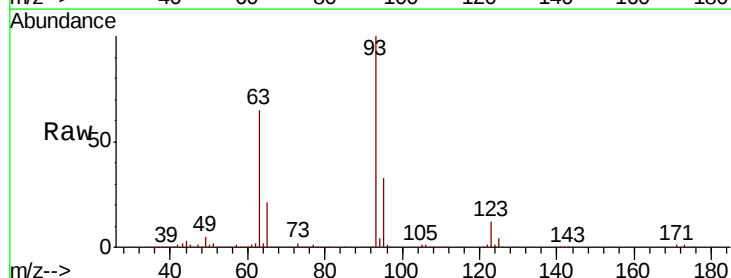
Manual Integrations
APPROVED

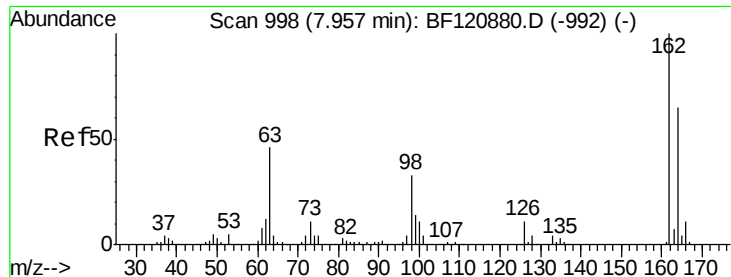
mohammad
8/7/2020 1:50:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.531 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.6	9.5	14.3





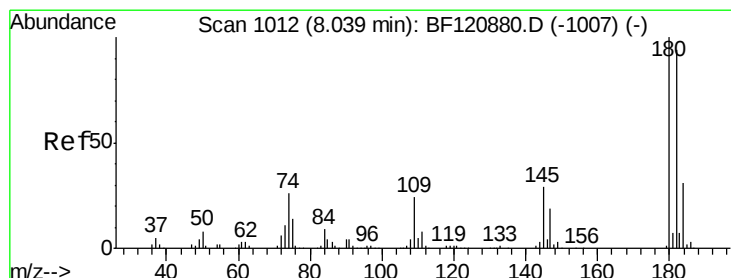
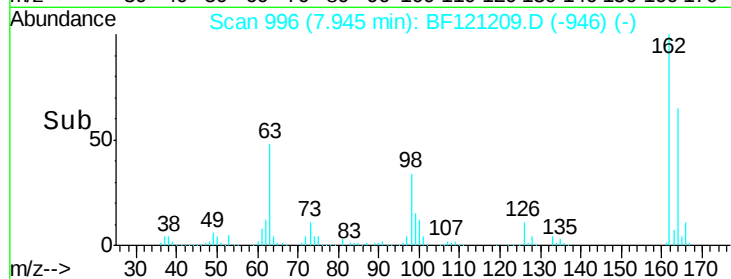
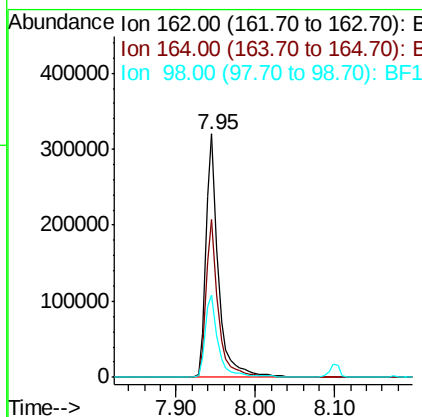
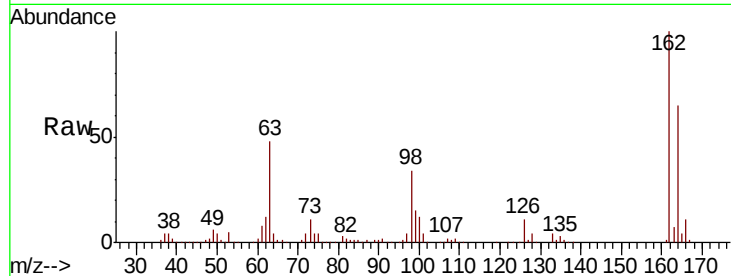
#29
 2,4-Dichlorophenol
 Concen: 40.056 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	352293		
164	65.1	44.7	84.7	
98	34.0	14.2	54.2	

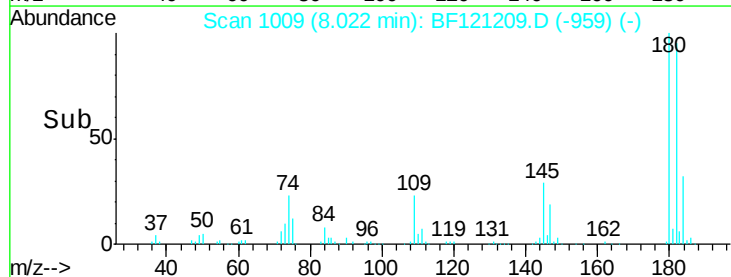
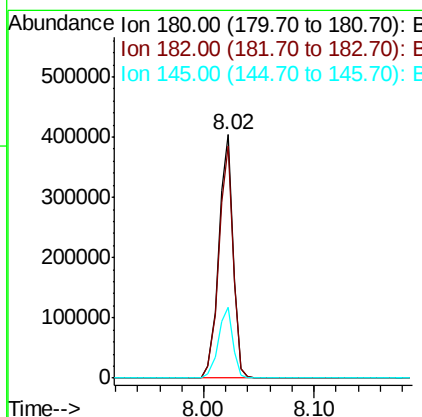
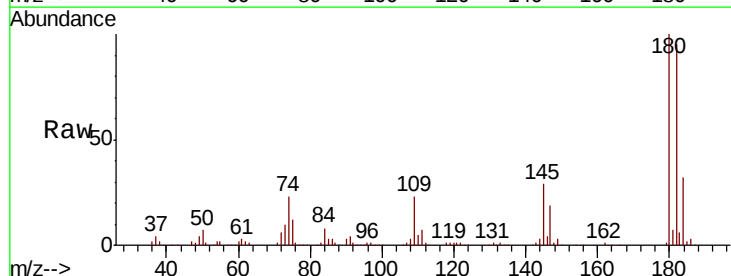
Manual Integrations
 APPROVED

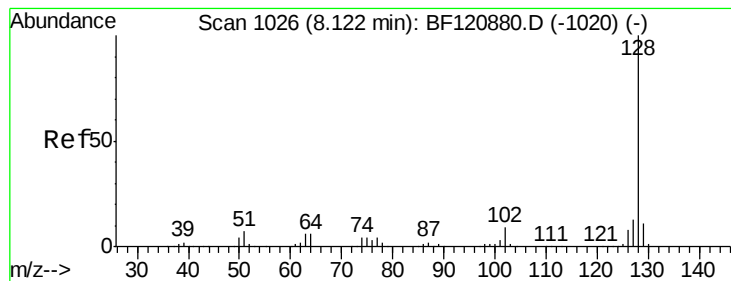
mohammad
 8/7/2020 1:50:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.385 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	364790		
182	95.3	76.4	114.6	
145	29.2	24.2	36.4	





#31

Naphthalene

Concen: 37.692 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:128 Resp: 1158564

Ion Ratio Lower Upper

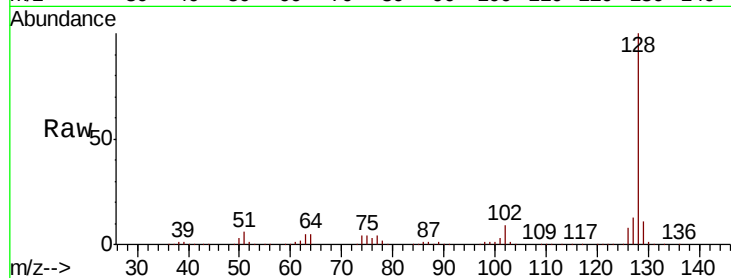
128 100

129 11.0 9.3 13.9

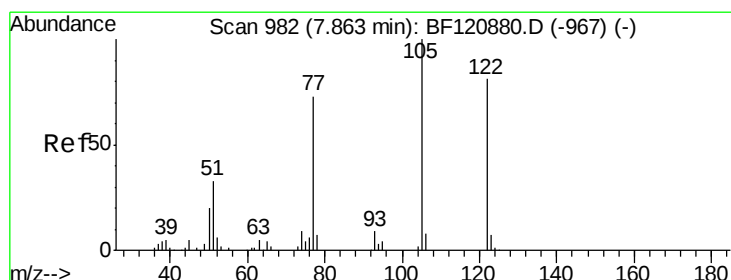
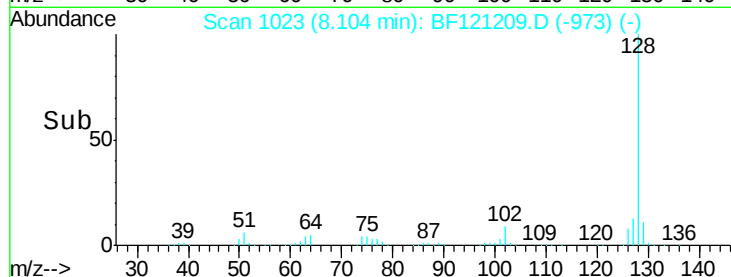
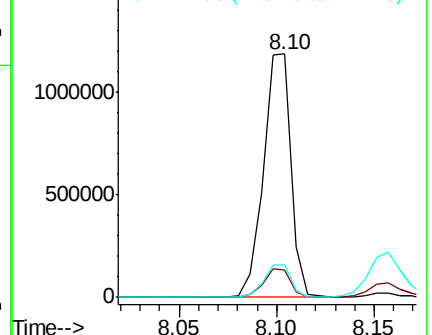
127 13.3 10.8 16.2

Manual Integrations
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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



#32

Benzoic acid

Concen: 2.805 ng m

RT: 7.82 min Scan# 975

Delta R.T. -0.06 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

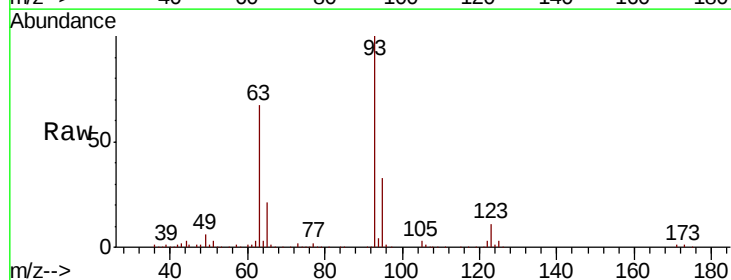
Tgt Ion:122 Resp: 18126

Ion Ratio Lower Upper

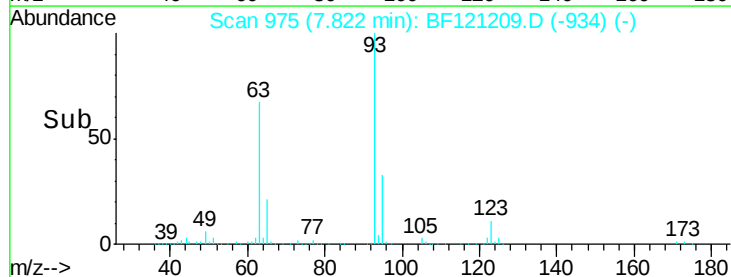
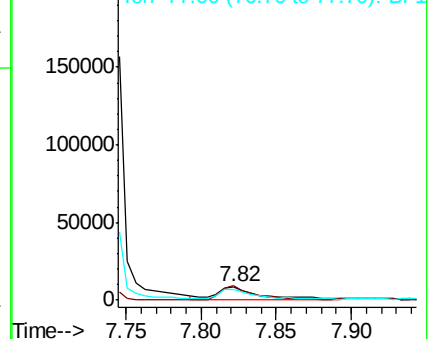
122 100

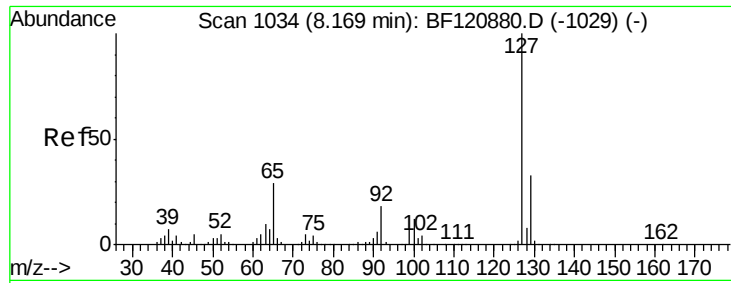
105 110.4 100.9 140.9

77 82.9 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





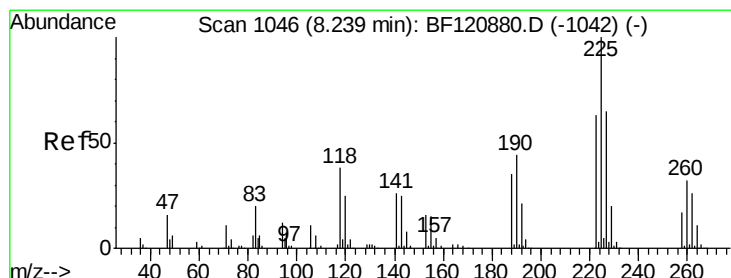
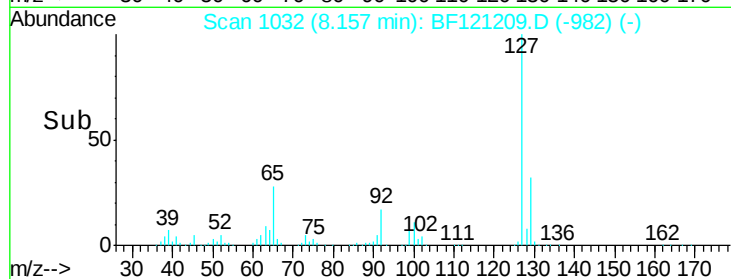
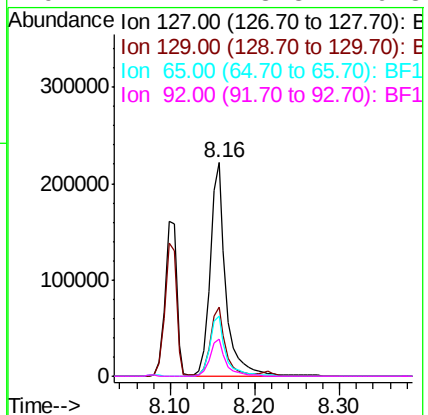
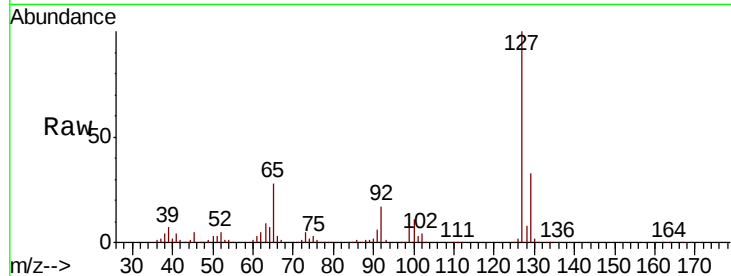
#33
 4-Chloroaniline
 Concen: 21.050 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	27.9	21.4	32.0		
92	17.4	13.8	20.8		

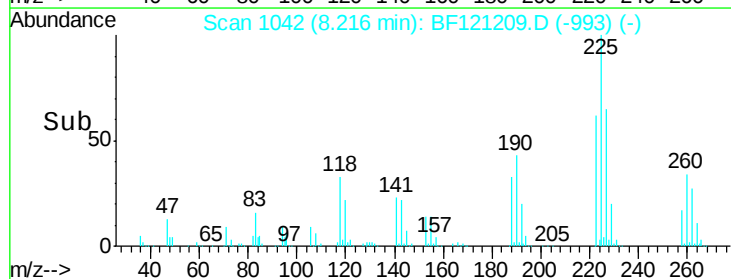
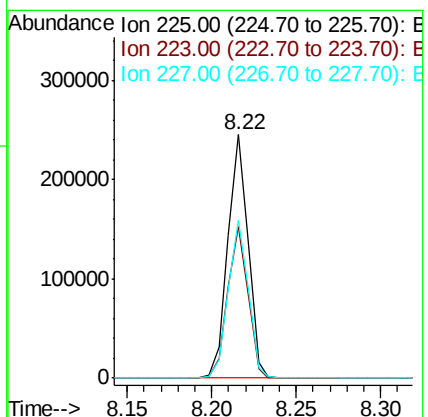
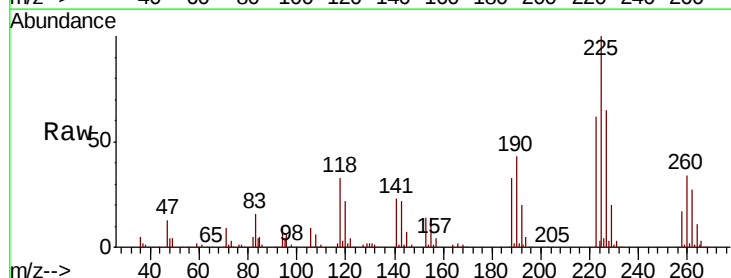
Manual Integrations
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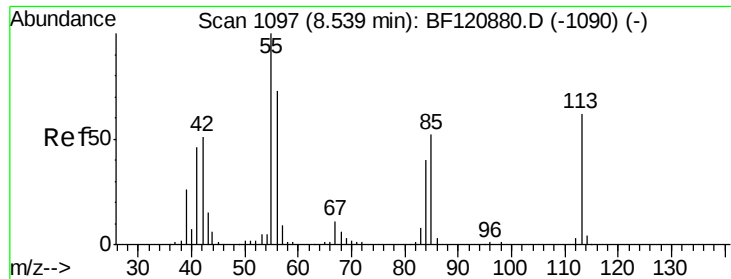
mohammad
 8/7/2020 1:50:58 PM



#34
 Hexachlorobutadiene
 Concen: 35.369 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	49.7	74.5		
227	64.7	51.4	77.0		





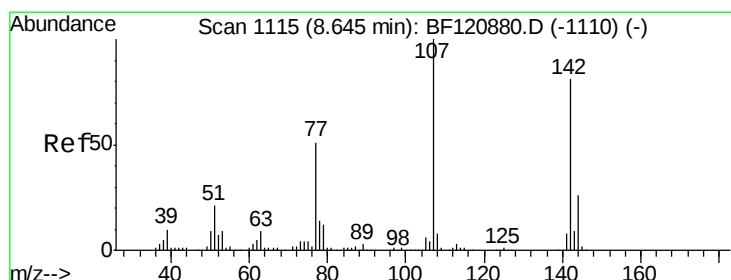
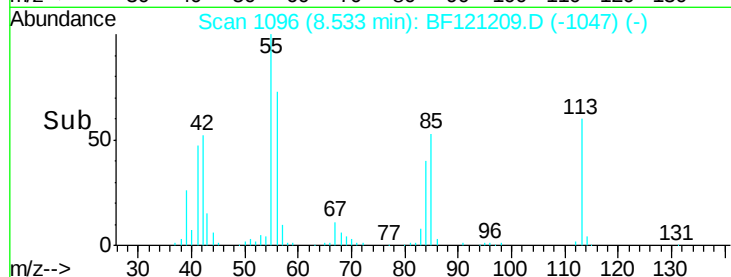
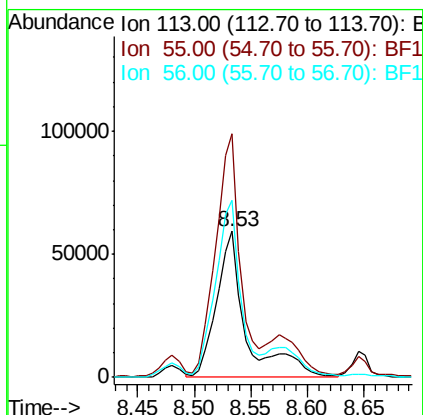
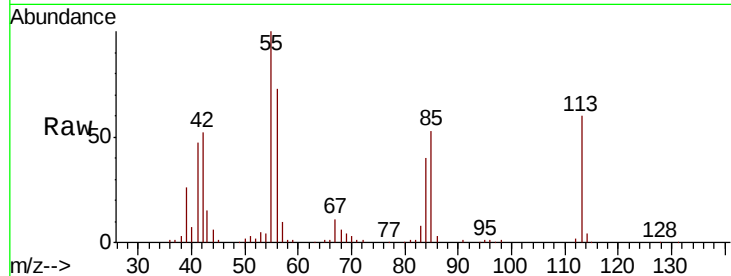
#35
 Caprolactam
 Concen: 38.522 ng m
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.9	131.0	171.0
56	121.4	90.4	130.4

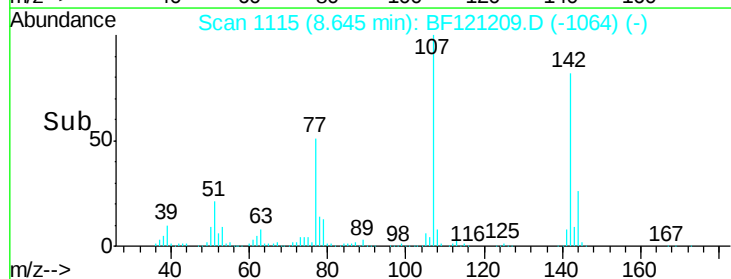
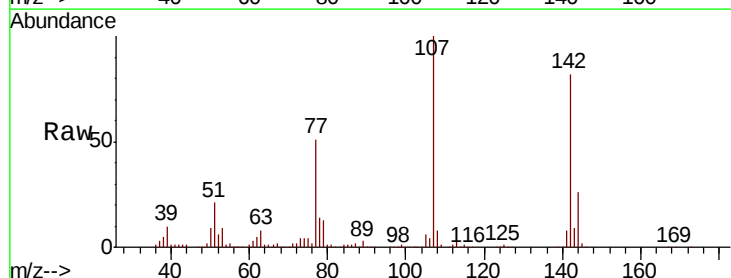
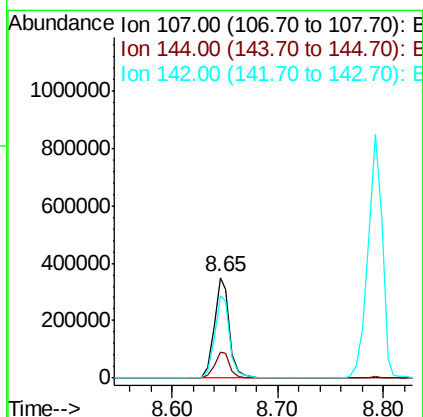
Manual Integrations
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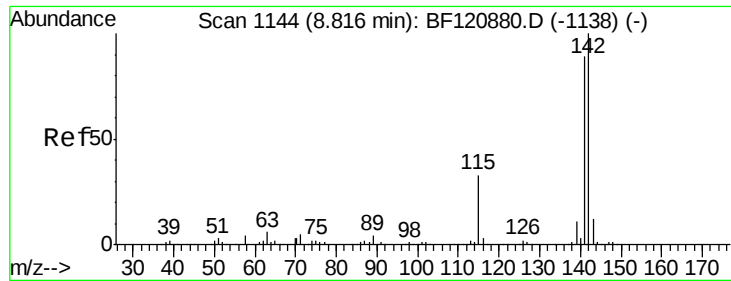
mohammad
 8/7/2020 1:50:58 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.467 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.9	31.3
142	81.7	64.5	96.7





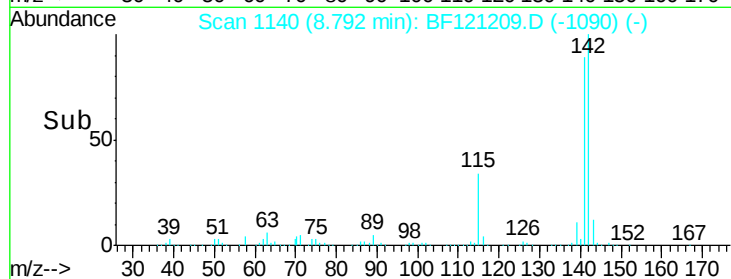
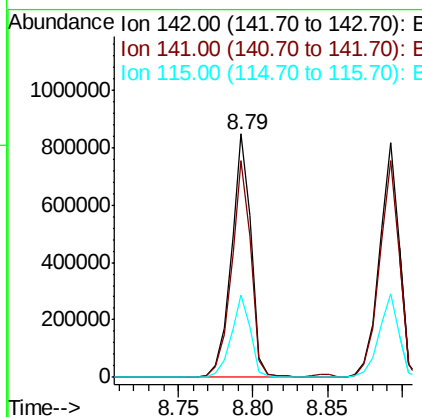
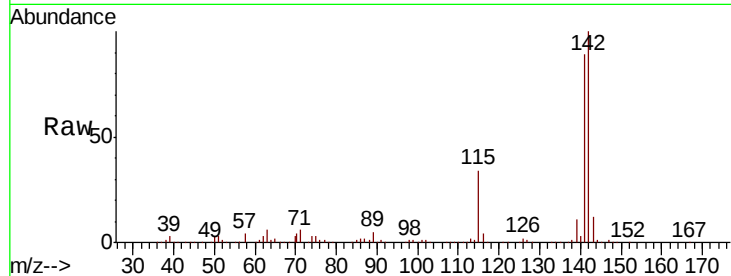
#37
2-Methylnaphthalene
Concen: 39.361 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	33.8	27.1	40.7

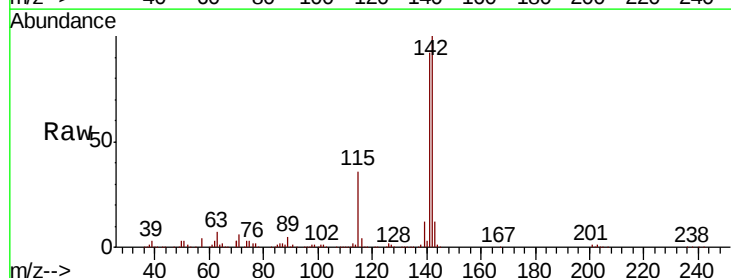
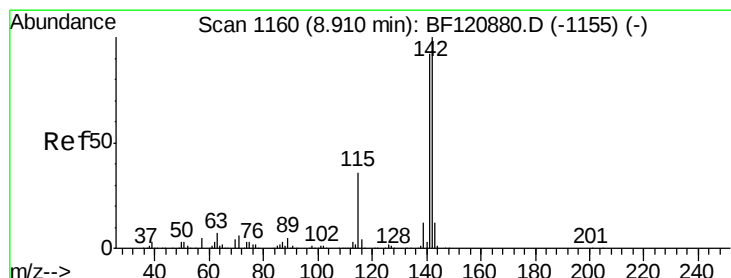
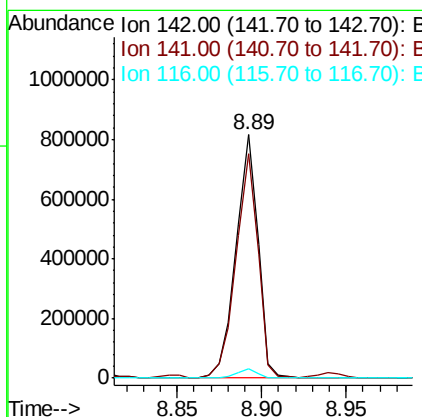
Manual Integrations
APPROVED

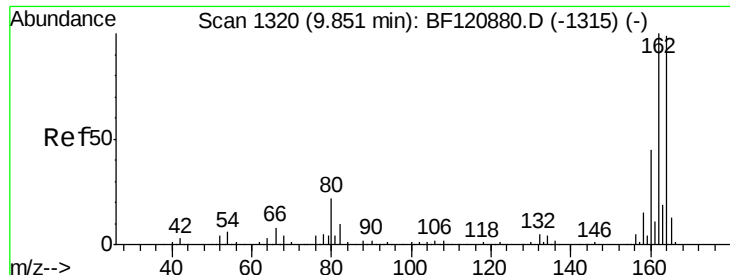
mohammad
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#38
1-Methylnaphthalene
Concen: 38.997 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.6
116	3.6	3.0	4.6





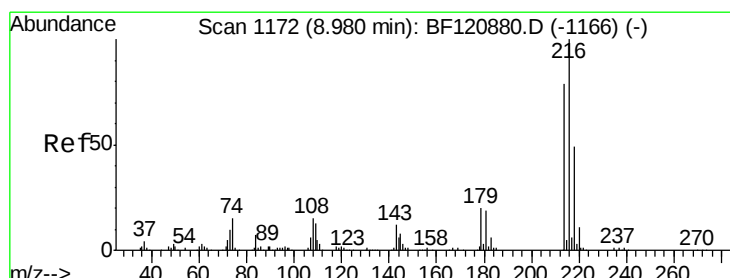
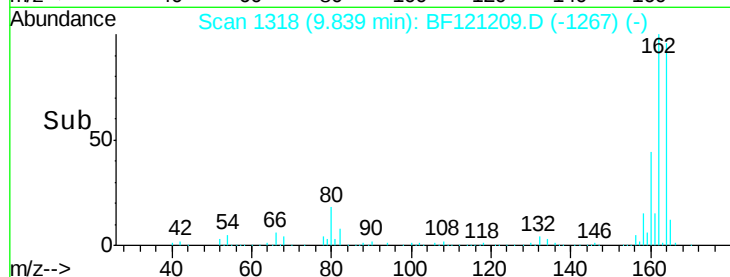
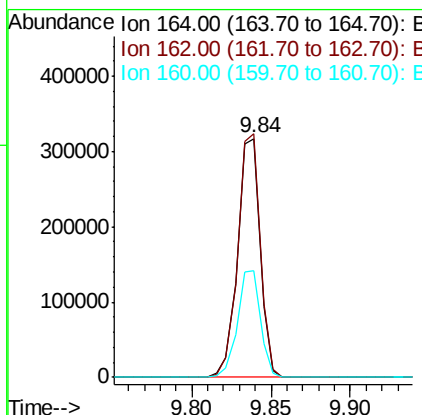
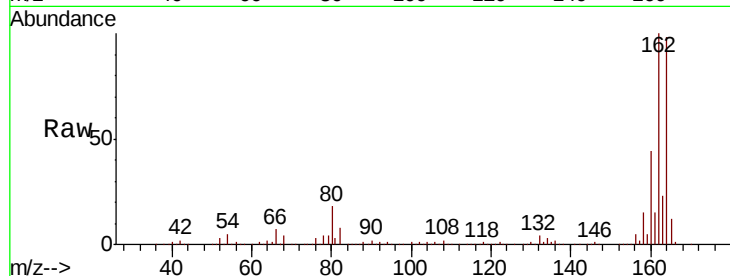
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.2	123.2	
160	44.7	37.2	55.8	

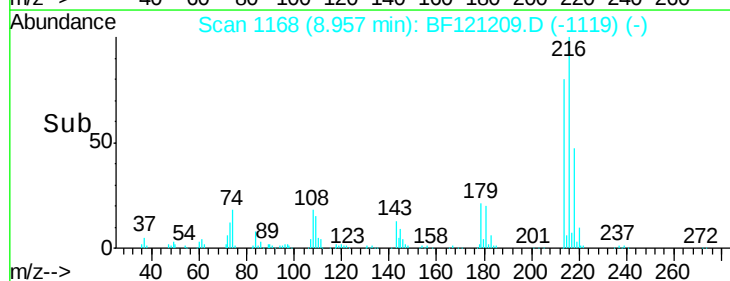
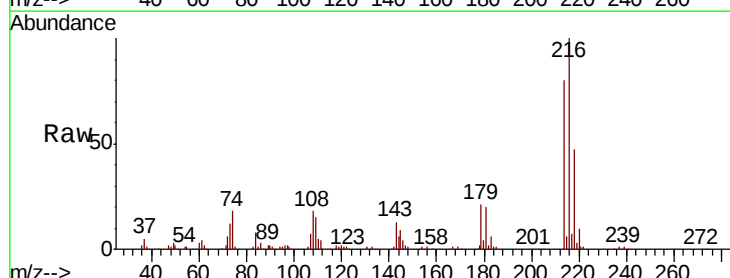
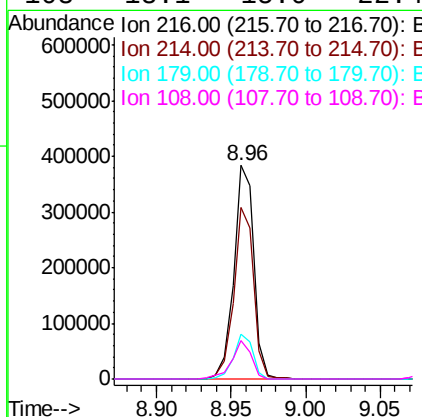
Manual Integrations
APPROVED

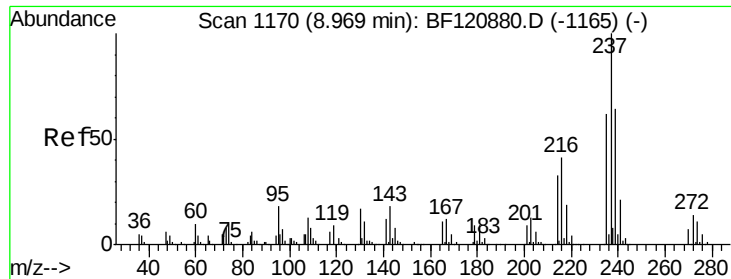
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.547 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.9	95.9	
179	20.4	16.6	24.8	
108	18.1	15.0	22.4	





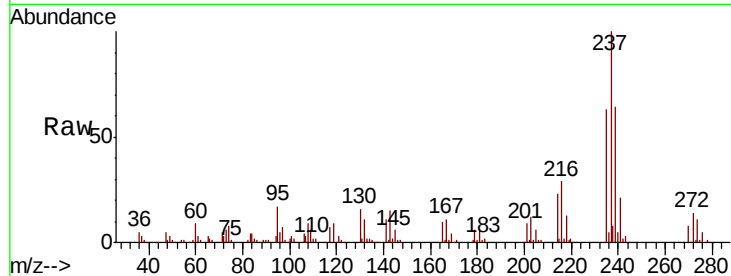
#41
Hexachlorocyclopentadiene
Concen: 25.949 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

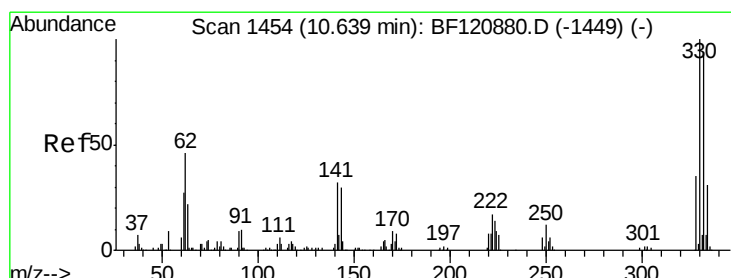
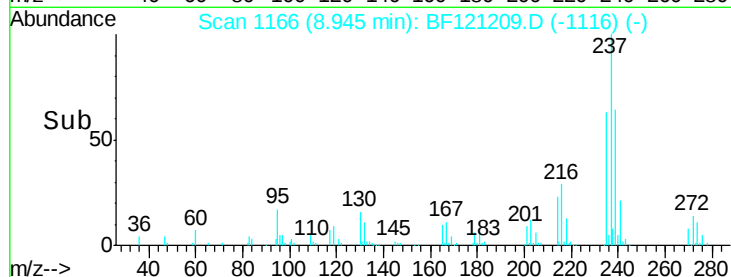
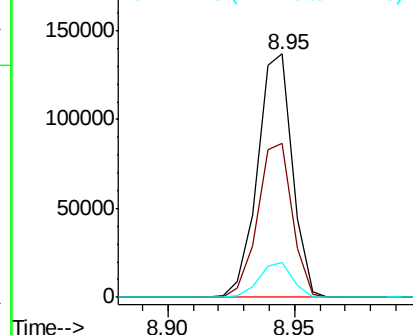
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1	43.2	83.2		
272	14.3	0.0	33.6		

Manual Integrations
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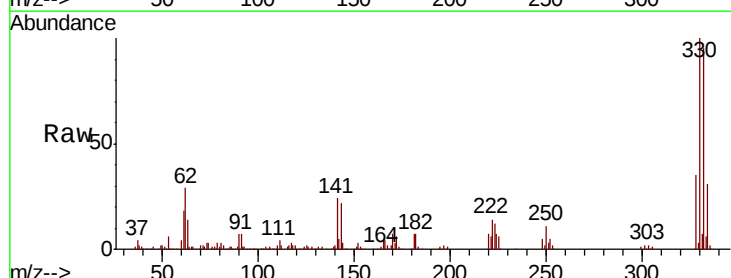


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

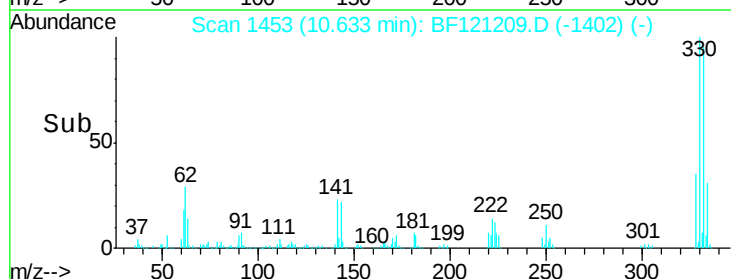
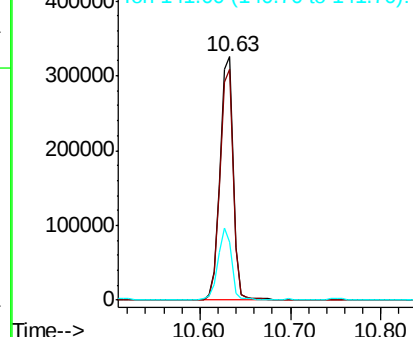


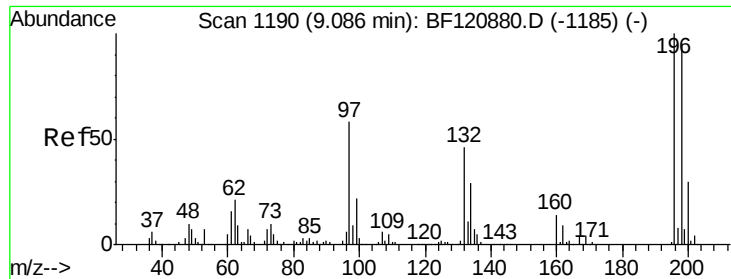
#42
2,4,6-Tribromophenol
Concen: 96.240 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.4	76.1	114.1		
141	29.7	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





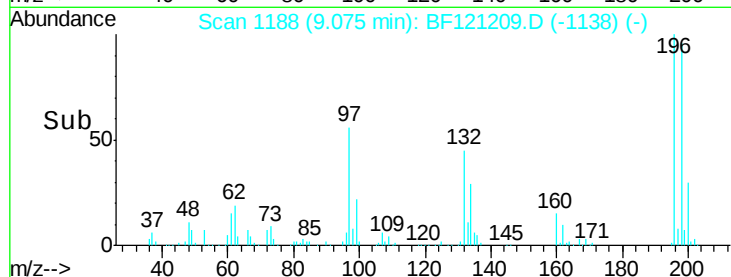
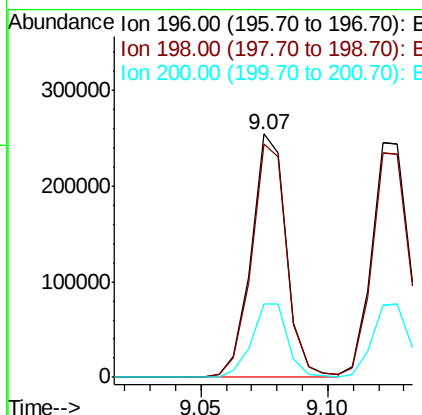
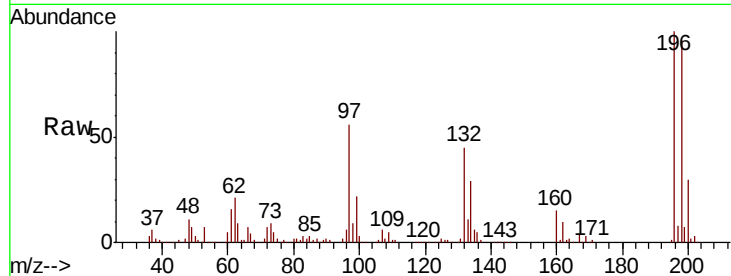
#43
 2,4,6-Trichlorophenol
 Concen: 38.269 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246055		
198	95.6	77.5	116.3	
200	30.0	24.6	37.0	

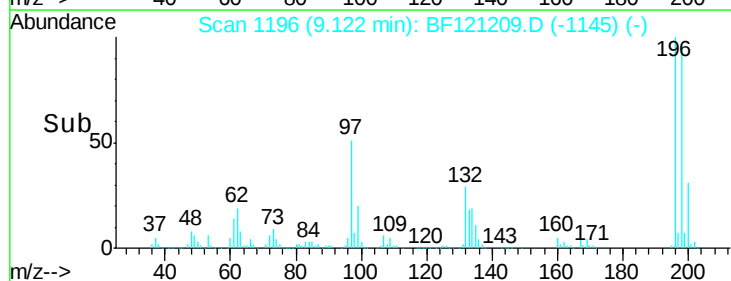
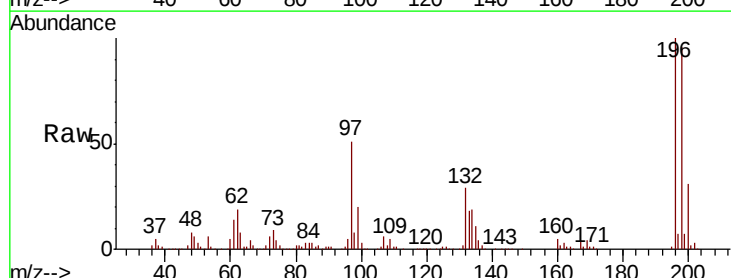
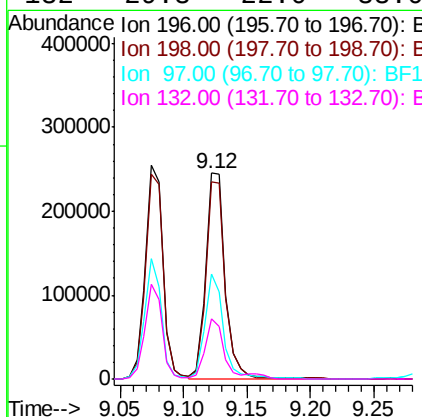
Manual Integrations
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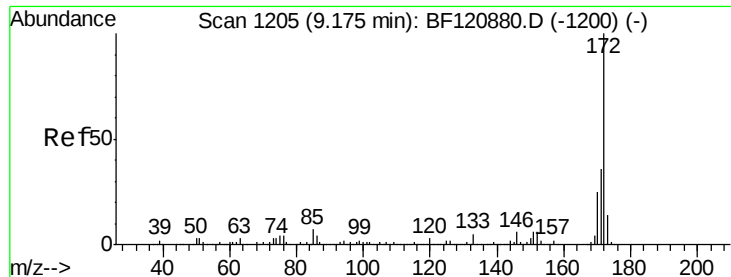
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.187 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263916		
198	96.0	76.2	114.4	
97	50.9	37.3	55.9	
132	29.3	22.0	33.0	





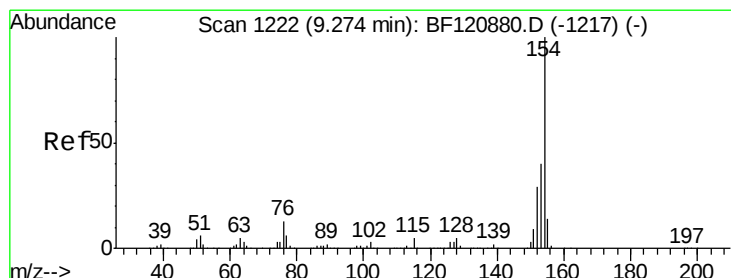
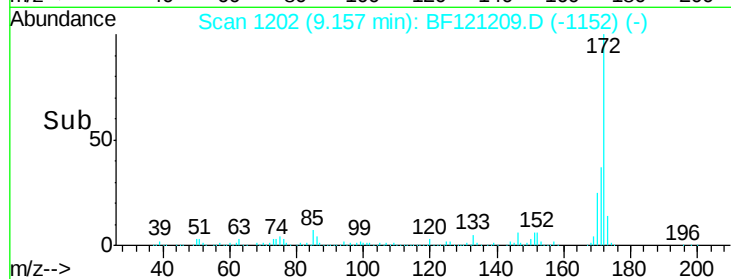
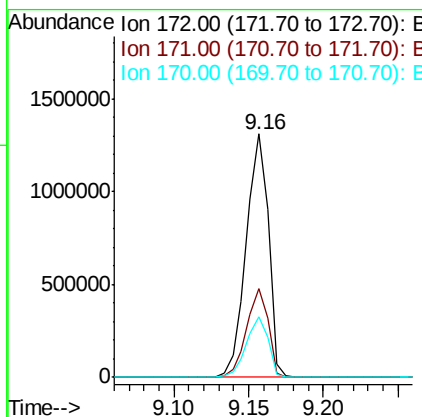
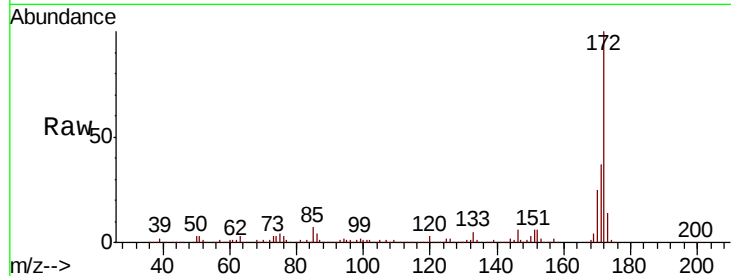
#45
2-Fluorobiphenyl
Concen: 64.240 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.9	19.6	29.4

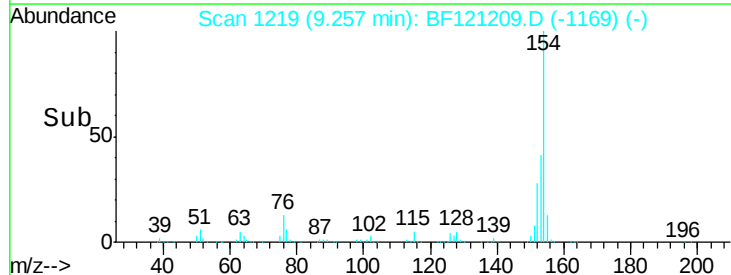
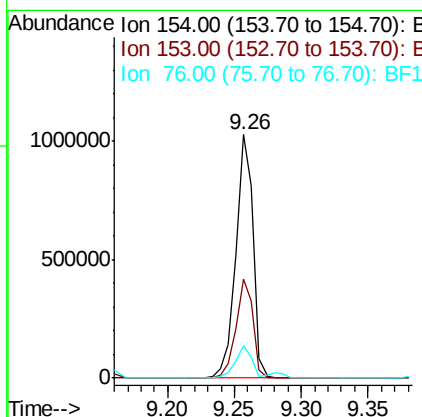
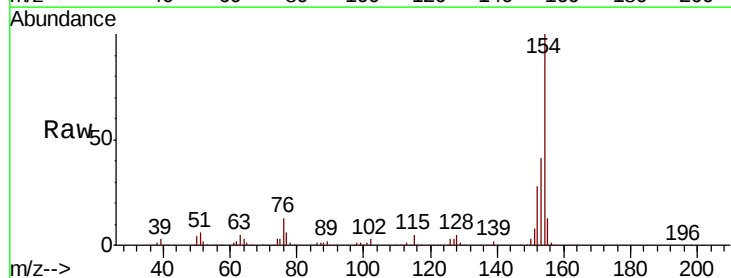
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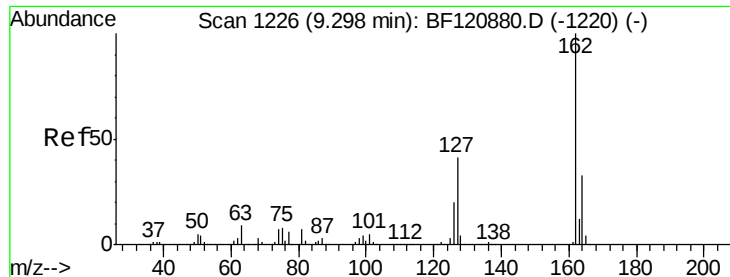
mohammad
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#46
1,1'-Biphenyl
Concen: 38.940 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	13.2	0.0	33.4





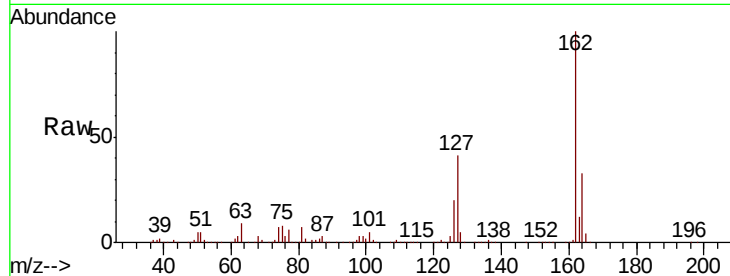
#47
2-Chloronaphthalene
Concen: 36.345 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

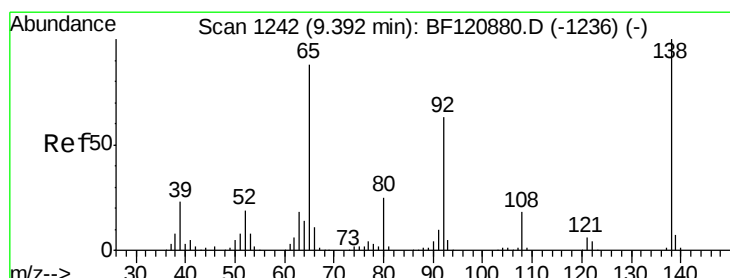
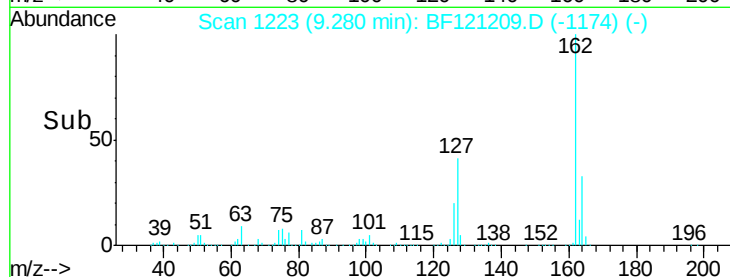
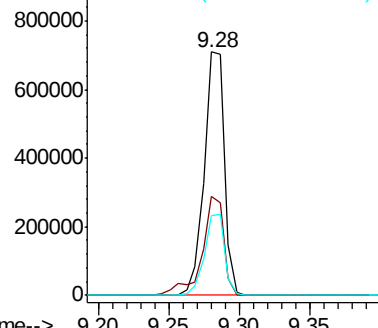
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.7	31.1	46.7
164	32.7	26.6	40.0

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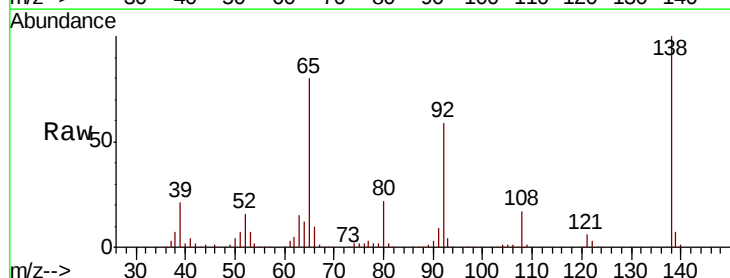


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

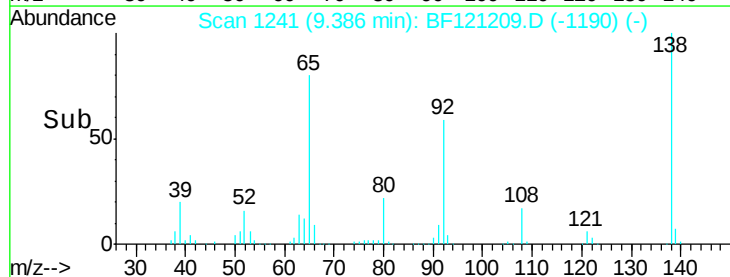
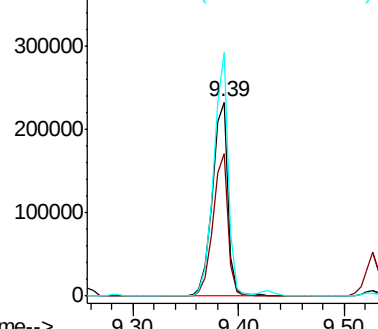


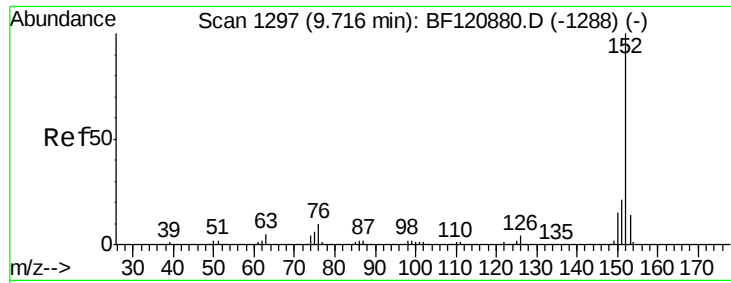
#48
2-Nitroaniline
Concen: 39.630 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.5	58.0	87.0
138	125.3	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: 38.178 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:152 Resp: 1156072

Ion Ratio Lower Upper

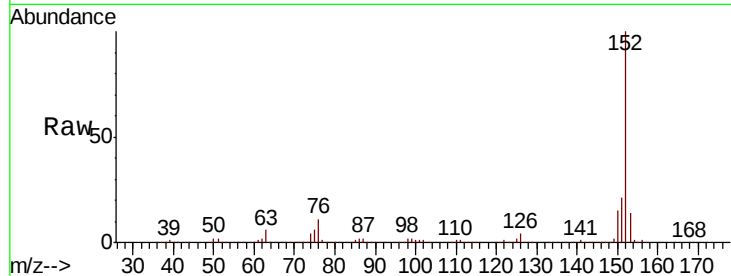
152 100

151 20.6 16.6 25.0

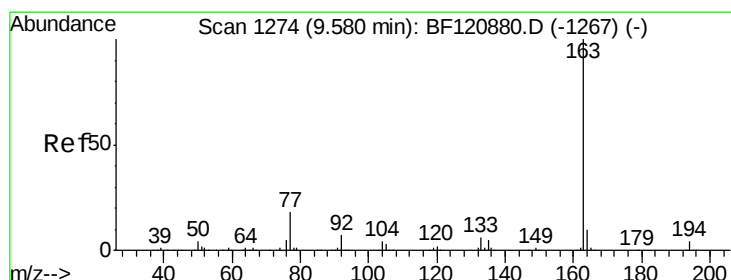
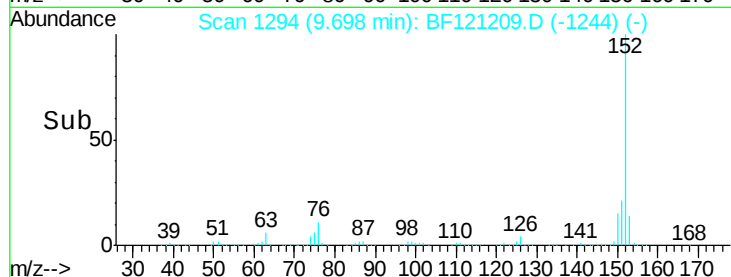
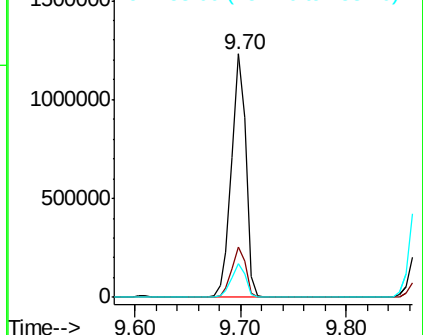
153 13.7 11.0 16.4

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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



#50

Dimethylphthalate

Concen: 47.566 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

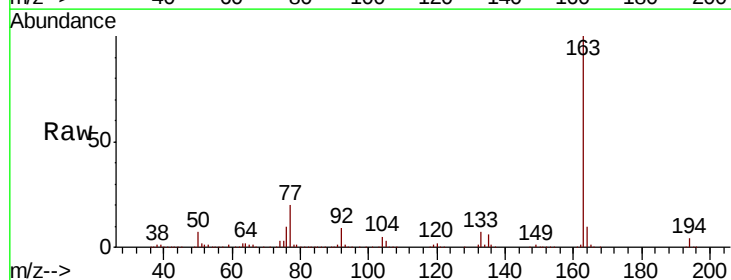
Tgt Ion:163 Resp: 1075530

Ion Ratio Lower Upper

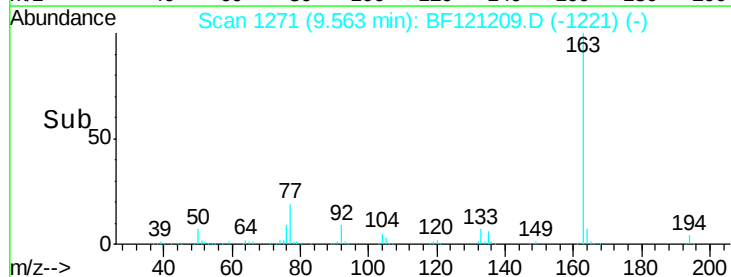
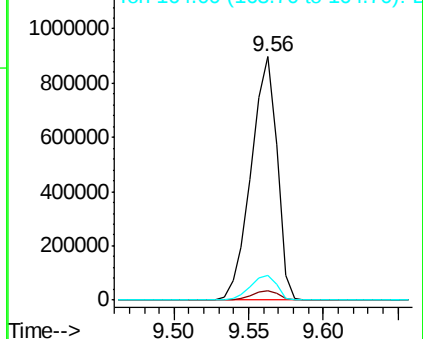
163 100

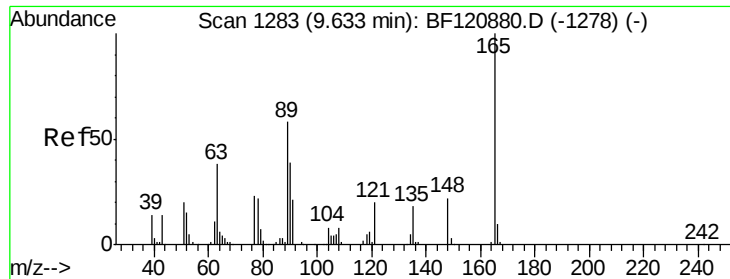
194 3.9 3.0 4.4

164 10.3 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





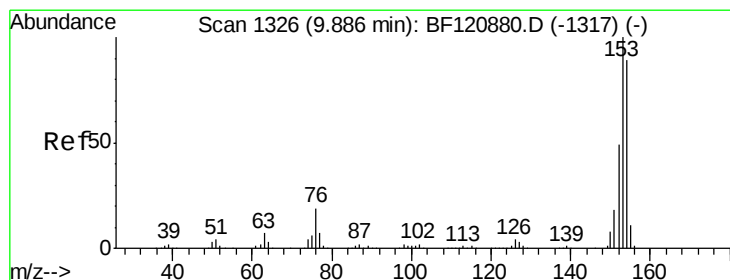
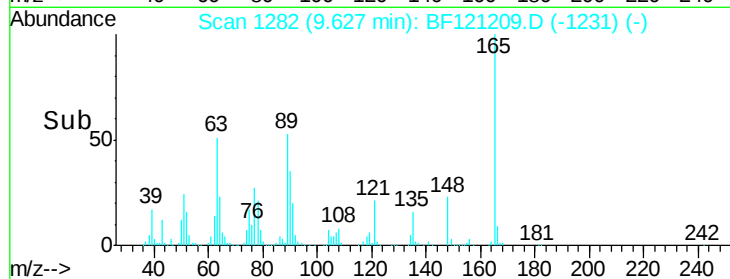
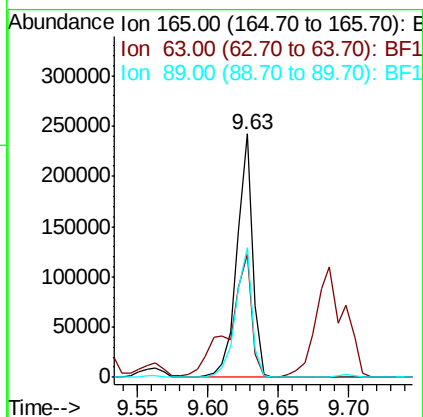
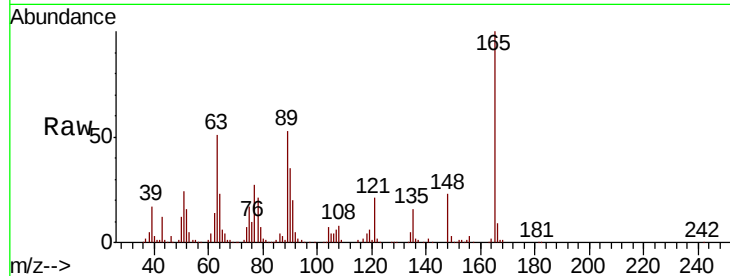
#51
 2,6-Dinitrotoluene
 Concen: 38.577 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	187398		
63	50.7		41.1	61.7
89	53.2		43.5	65.3

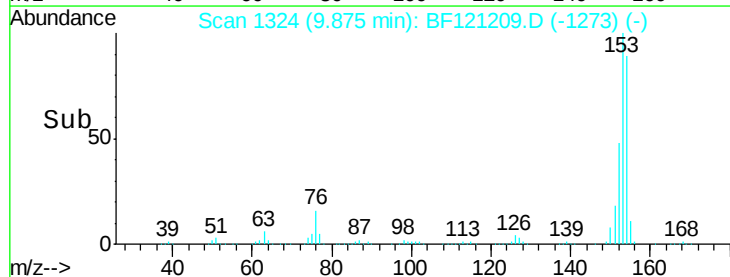
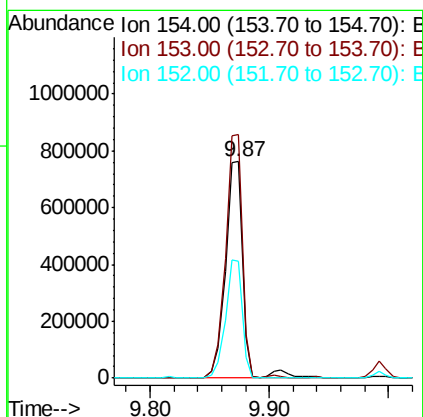
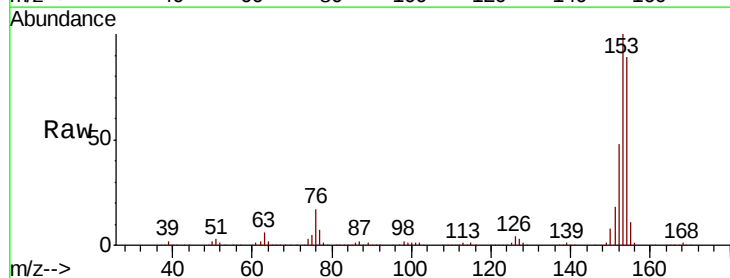
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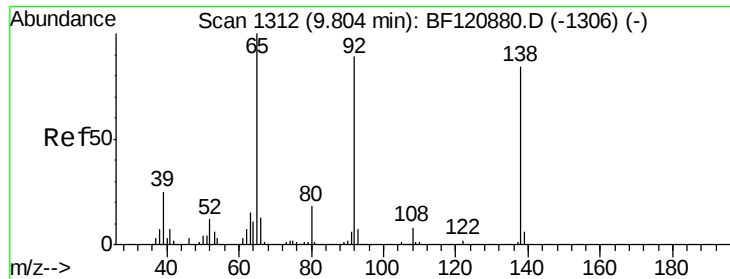
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#52
 Acenaphthene
 Concen: 41.745 ng m
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	803672		
153	112.6		89.6	134.4
152	53.9		43.8	65.6





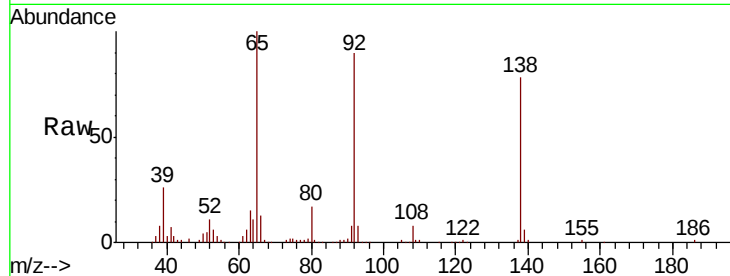
#53
3-Nitroaniline
Concen: 25.162 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

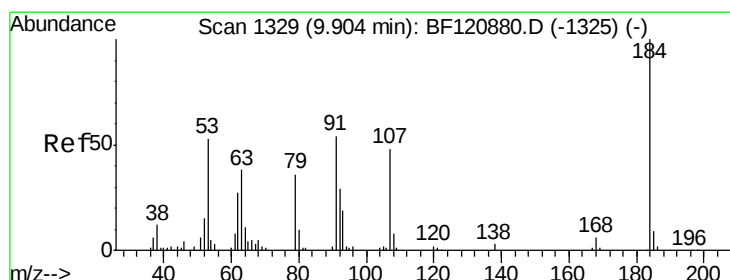
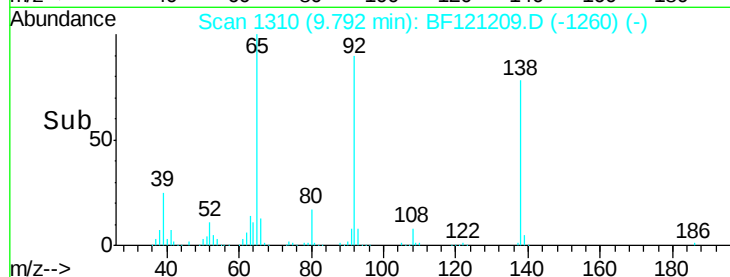
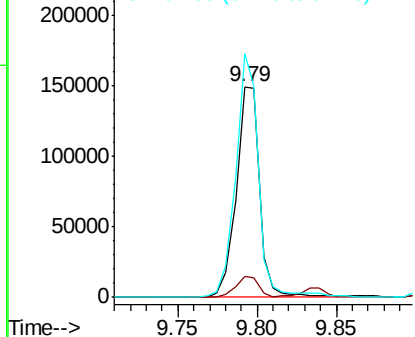
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.8
92	115.4	85.0	127.4

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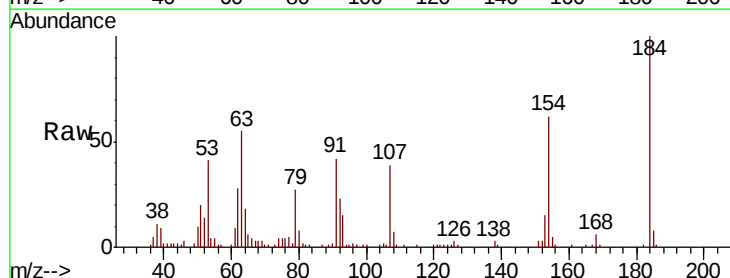


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

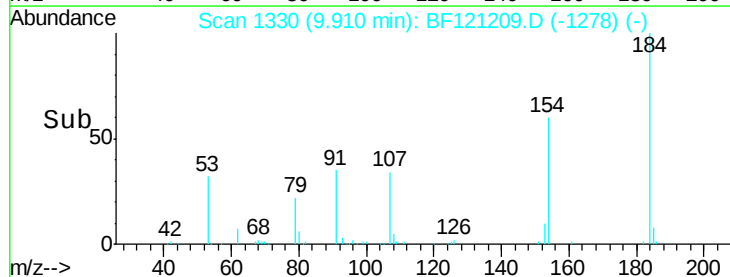
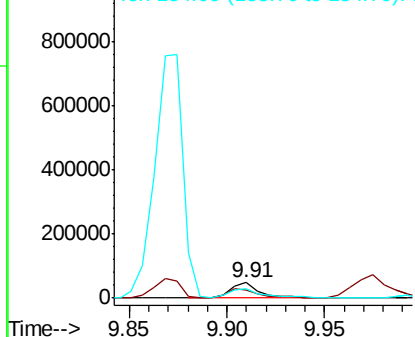


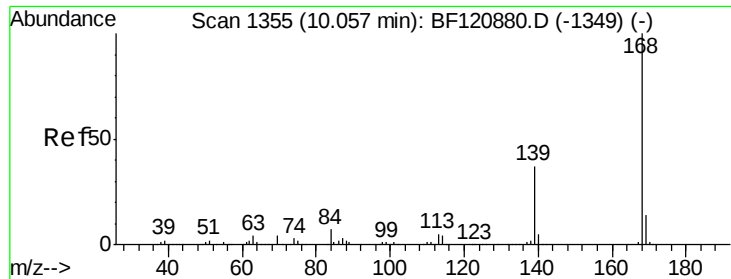
#54
2,4-Dinitrophenol
Concen: 23.992 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	42.5	63.7
154	62.4	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





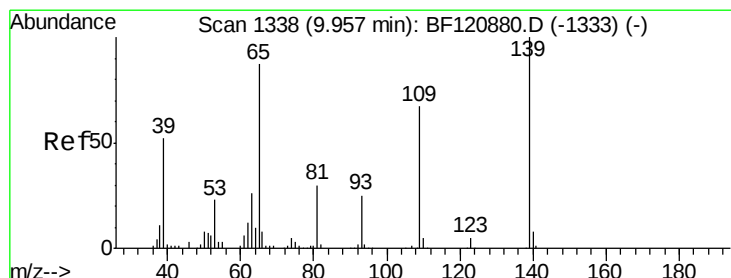
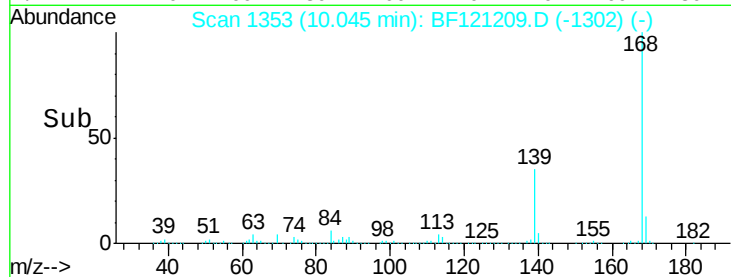
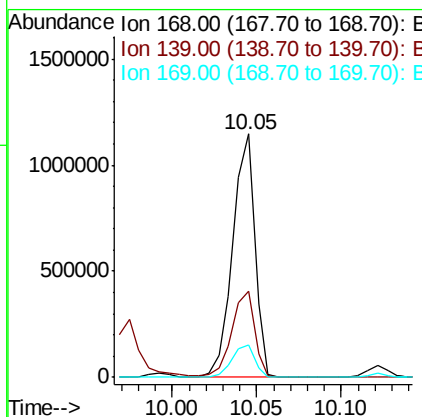
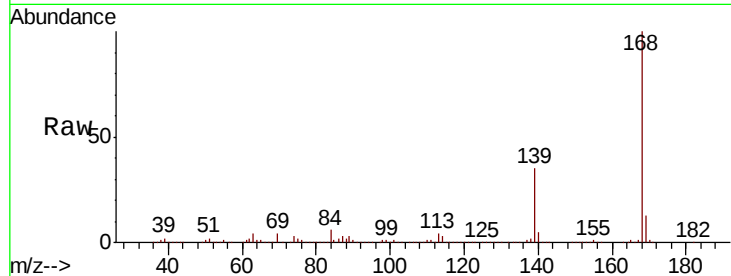
#55
Dibenzenofuran
Concen: 37.525 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:168	Resp: 1044688		
Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	13.4	11.3	16.9

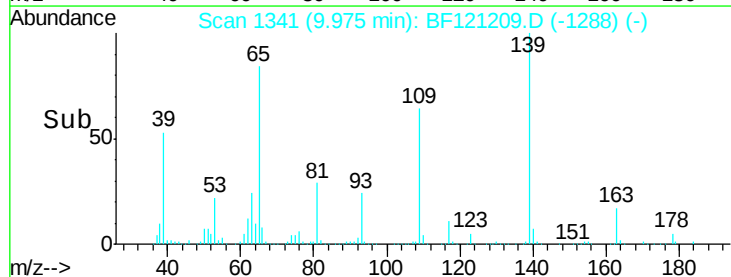
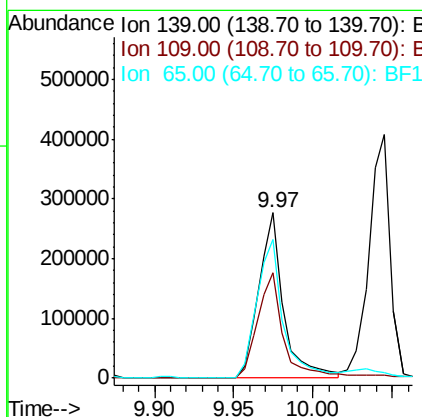
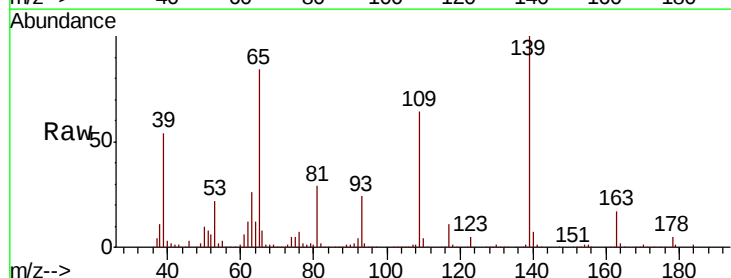
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#56
4-Nitrophenol
Concen: 65.710 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:139	Resp: 304111		
Ion	Ratio	Lower	Upper
139	100		
109	63.6	44.8	84.8
65	84.2	65.6	105.6





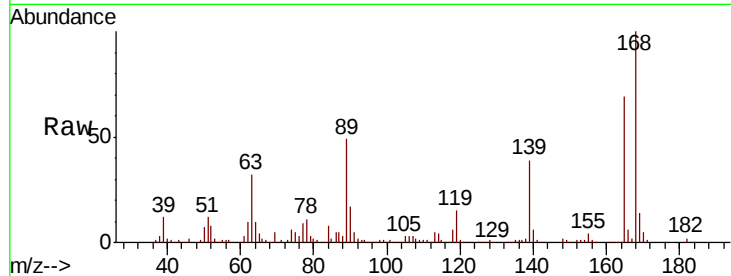
#57
2,4-Dinitrotoluene
Concen: 37.043 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236311		
63	46.0	29.8	44.8	#
89	70.2	50.3	75.5	
182	2.5	2.1	3.1	

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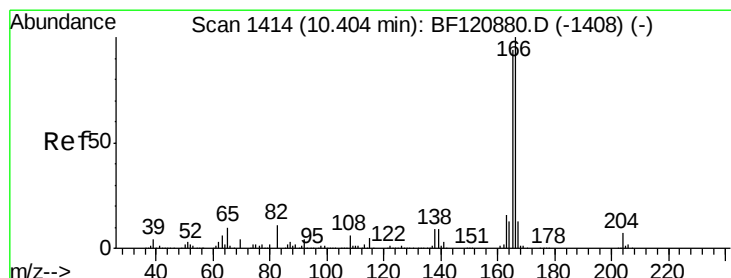
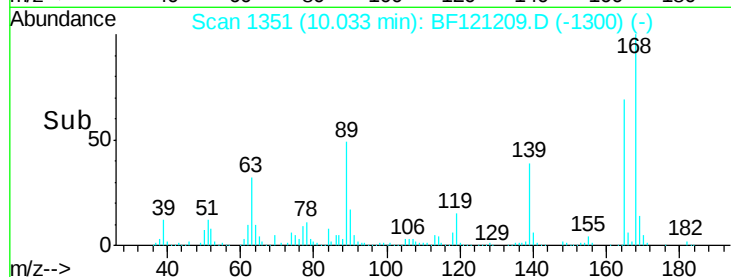
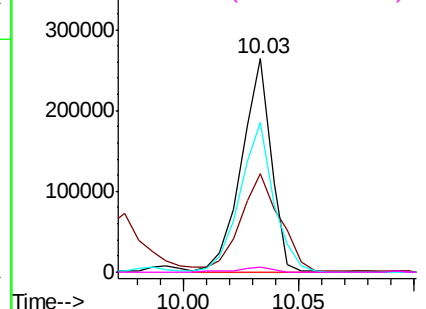
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

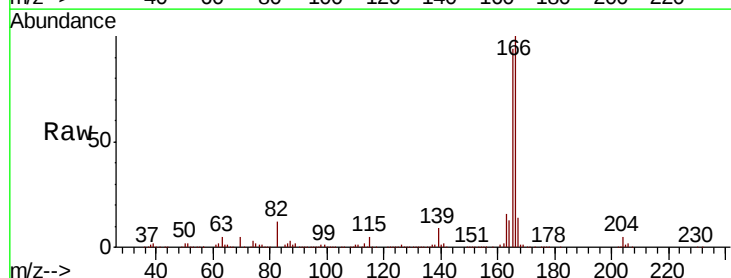
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.765 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	867198		
165	93.9	76.4	114.6	
167	13.8	10.7	16.1	

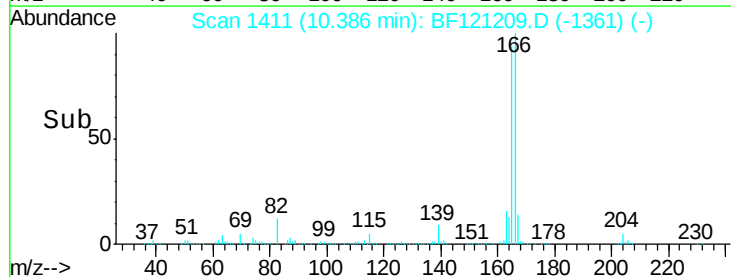
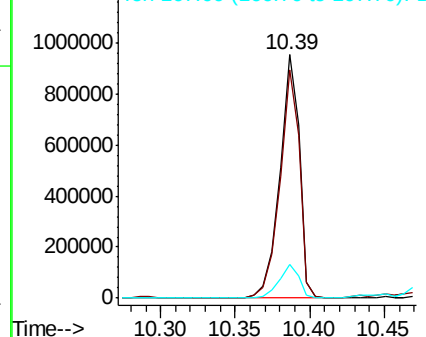


Abundance

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





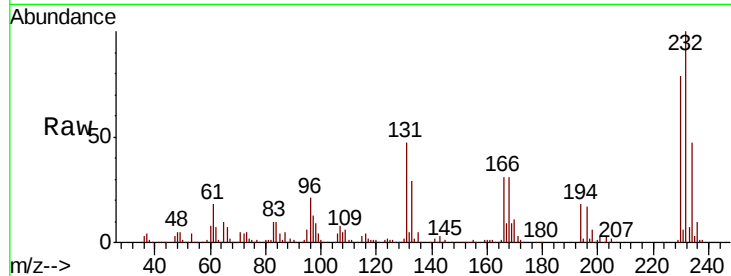
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.859 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

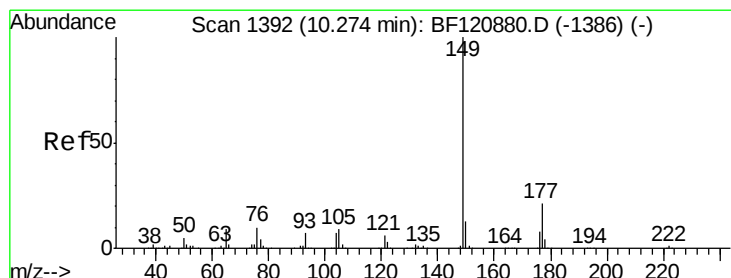
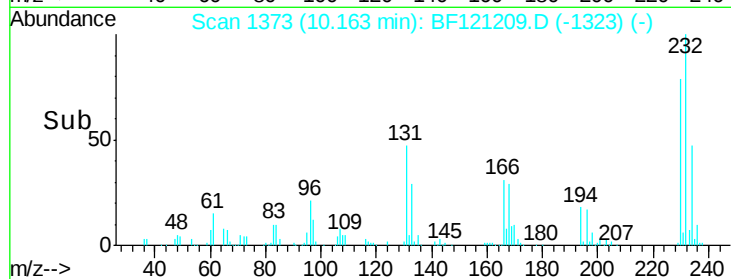
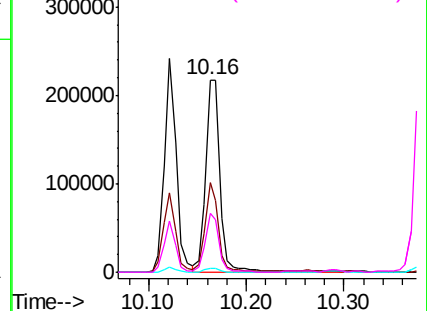
Tot Ion	Ratio	Resp	Lower	Upper
232	100	221336		
131	42.1	34.2	51.2	
130	2.2	1.7	2.5	
166	28.5	23.1	34.7	

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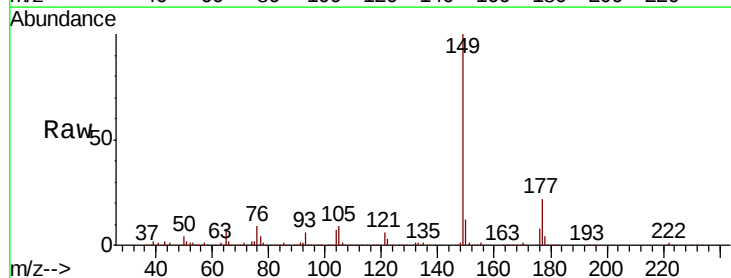


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

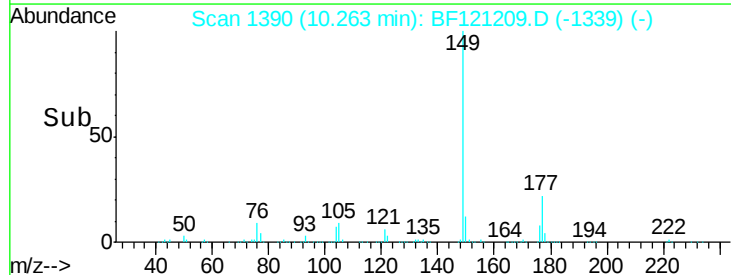
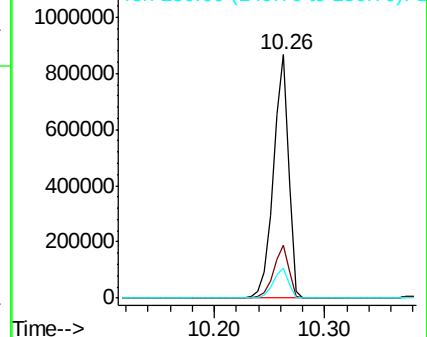


#60
 Diethylphthalate
 Concen: 36.662 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	838480		
177	21.6	17.6	26.4	
150	12.3	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





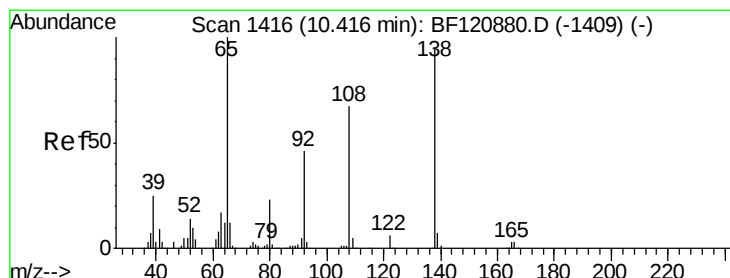
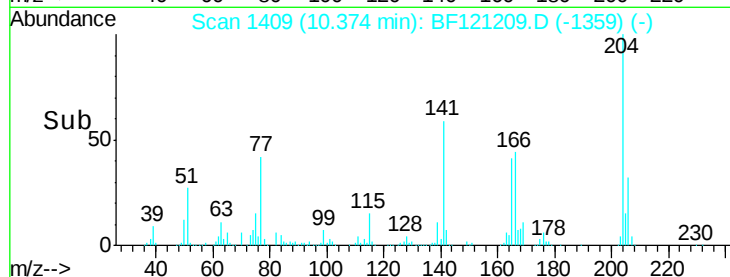
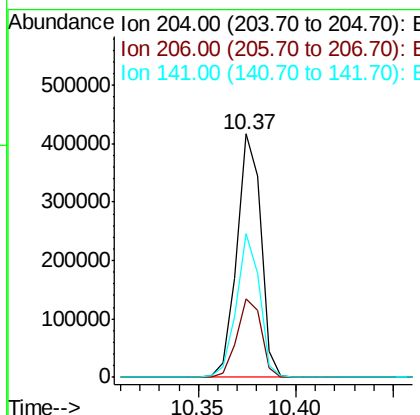
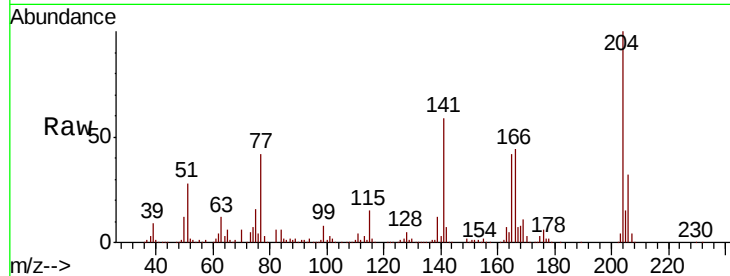
#61
4-Chlorophenyl-phenylether
Concen: 32.102 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampled :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	59.0	46.9	70.3

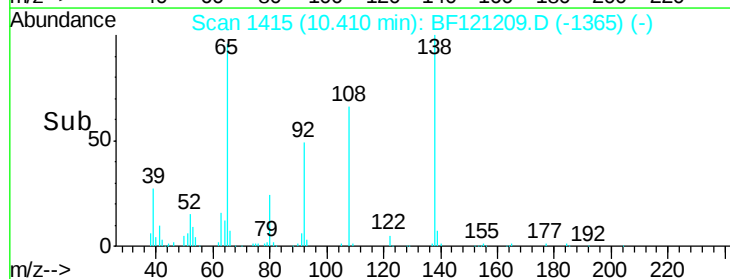
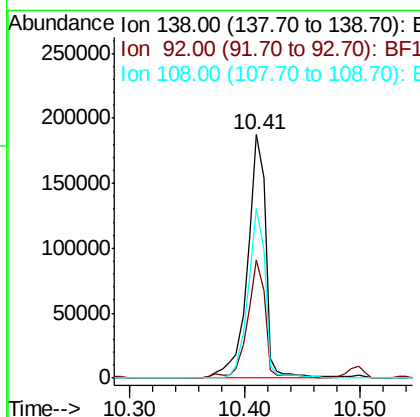
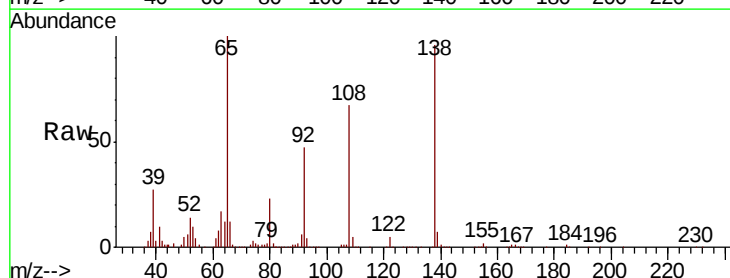
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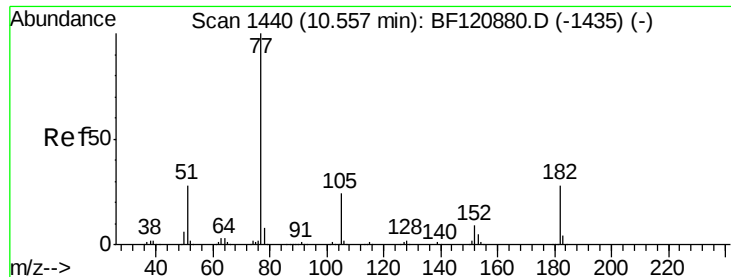
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#62
4-Nitroaniline
Concen: 34.626 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	25.2	65.2
108	69.4	46.7	86.7





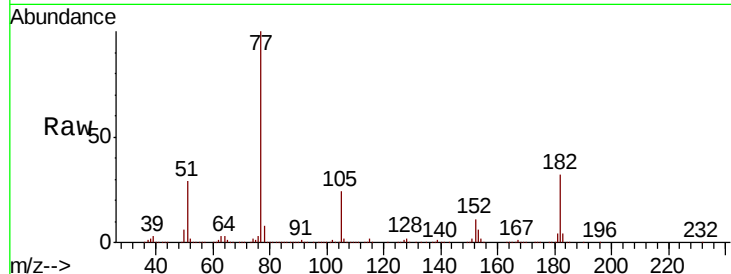
#63
Azobenzene
Concen: 35.207 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

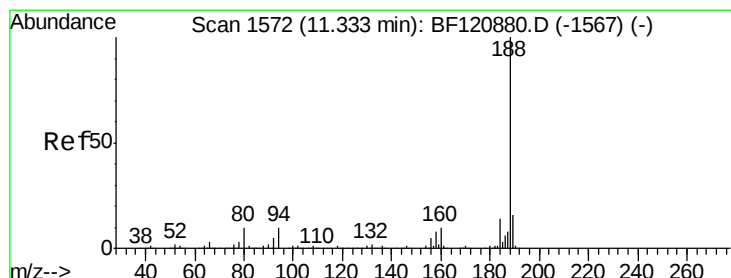
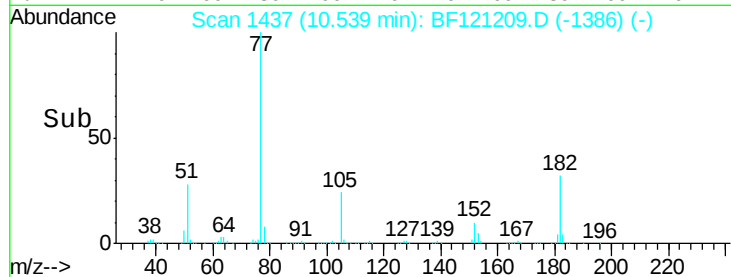
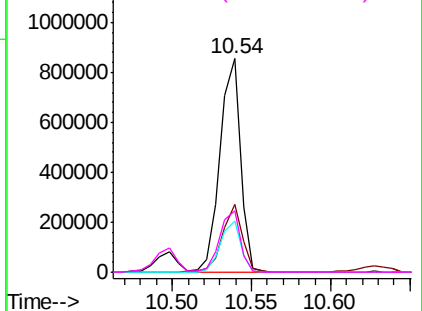
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.9	4.5	44.5
105	24.0	3.4	43.4
51	28.5	8.7	48.7

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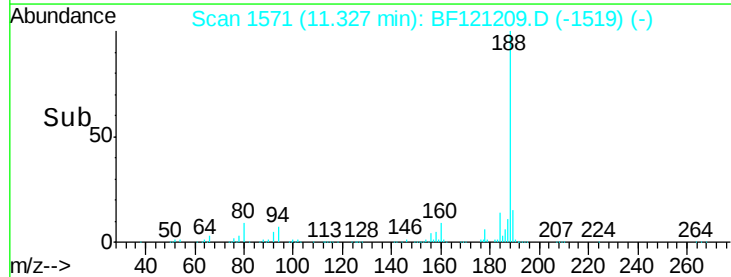
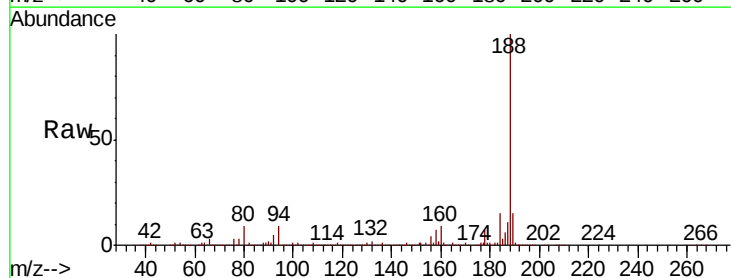
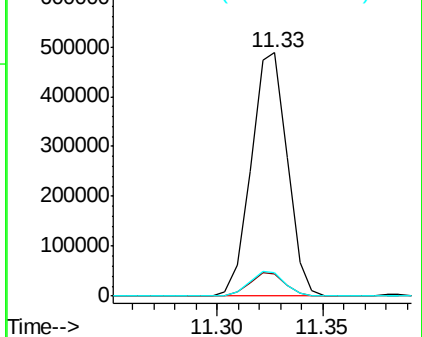
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

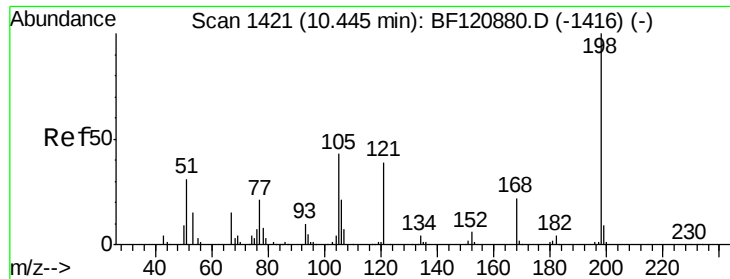


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.4	8.3	12.5

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





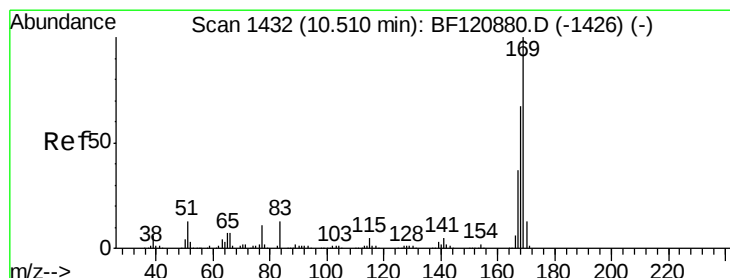
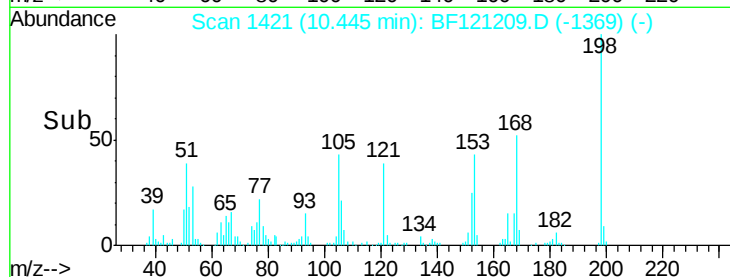
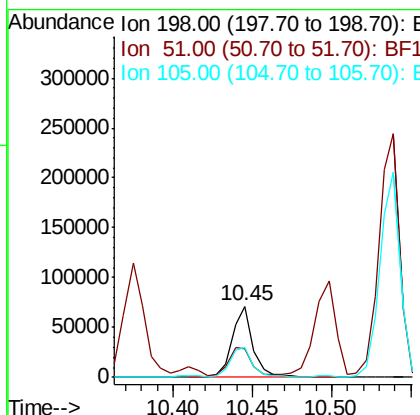
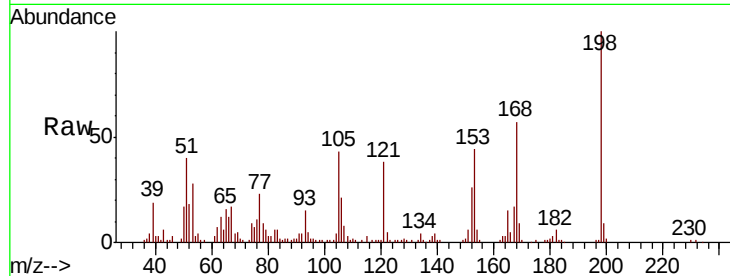
#65
 4,6-Dinitro-2-methylphenol
 Concen: 21.785 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.8	23.4	63.4
105	42.7	23.7	63.7

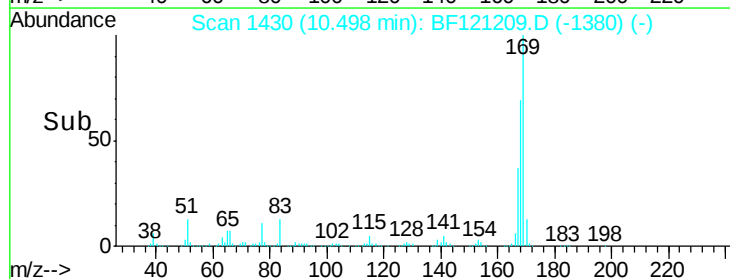
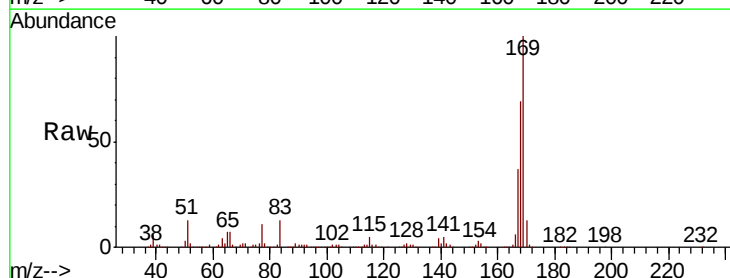
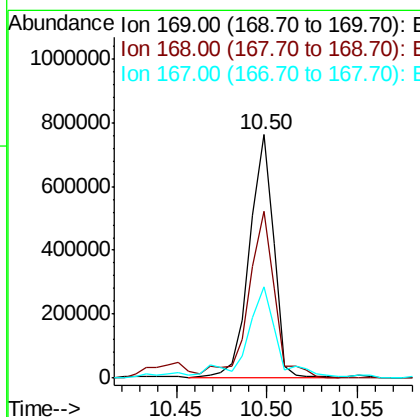
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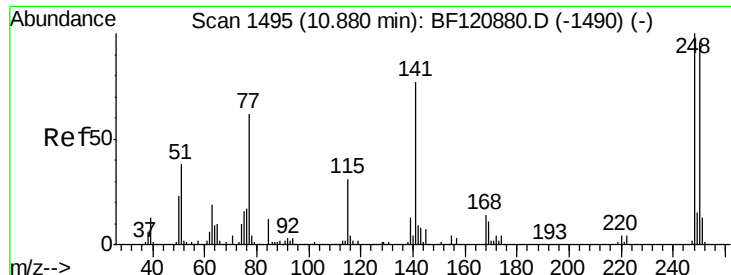
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 38.230 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.7	80.5
167	37.5	30.0	45.0





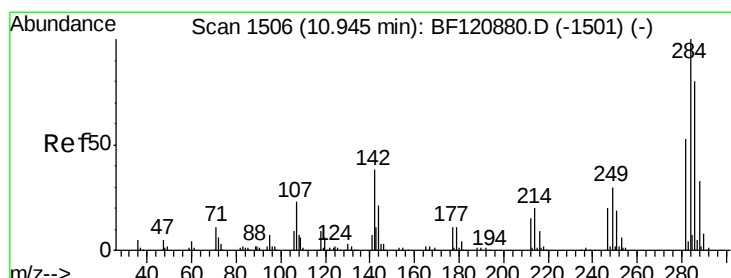
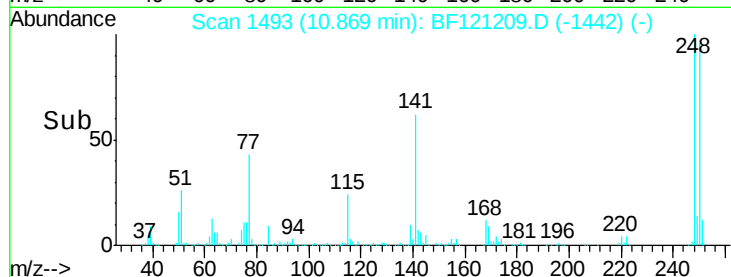
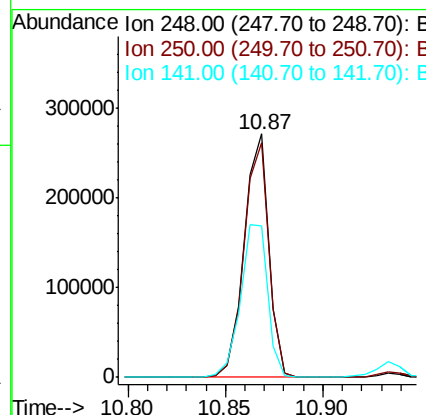
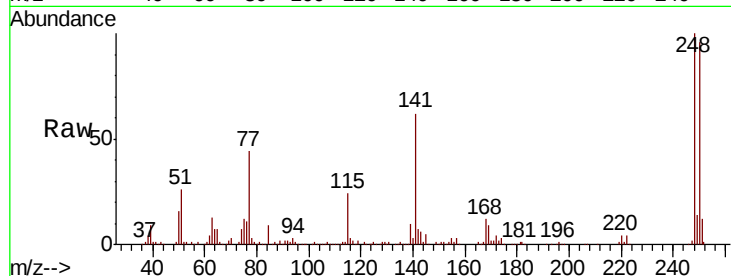
#67
 4-Bromophenyl-phenylether
 Concen: 36.711 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.0	115.6
141	62.2	56.6	85.0

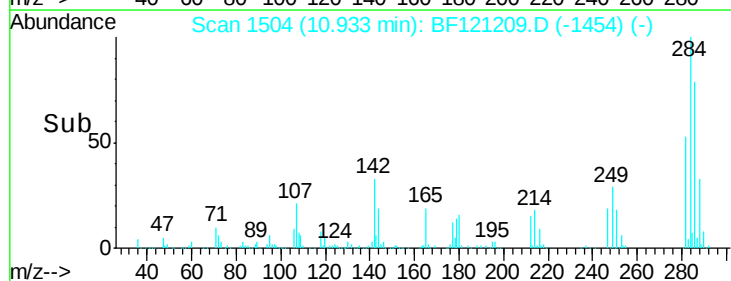
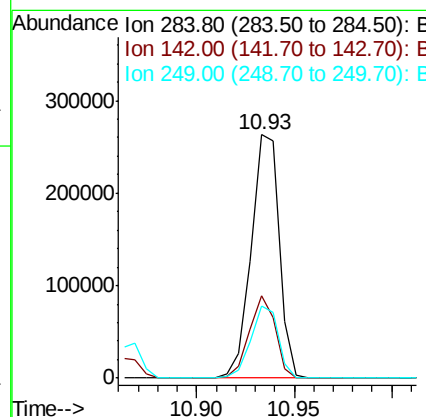
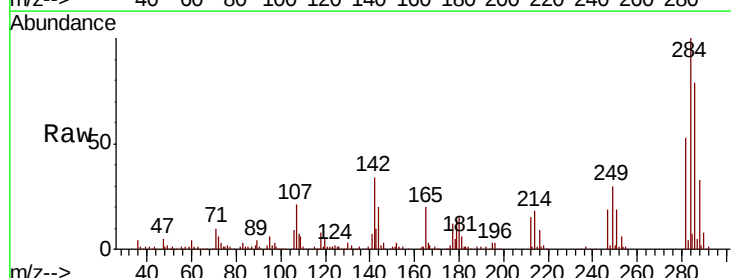
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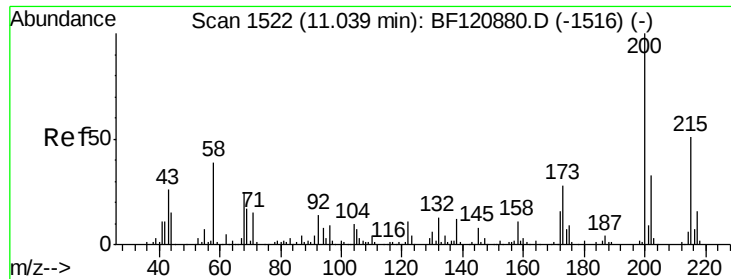
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#68
 Hexachlorobenzene
 Concen: 37.576 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	21.1	31.7#
249	29.6	22.5	33.7





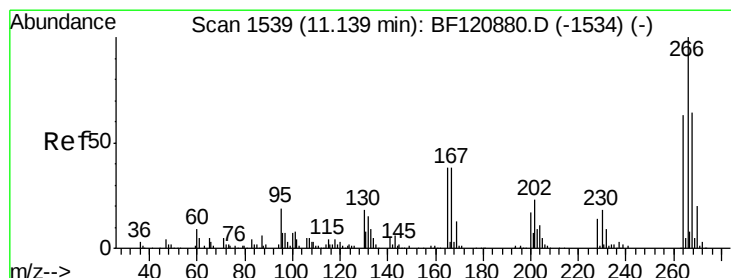
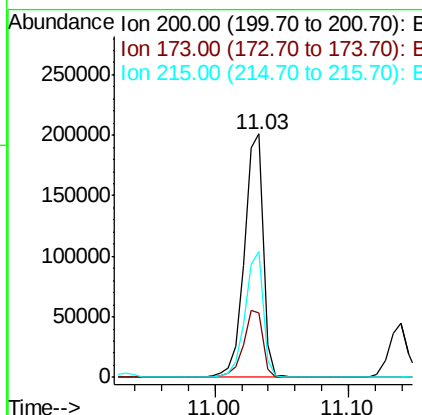
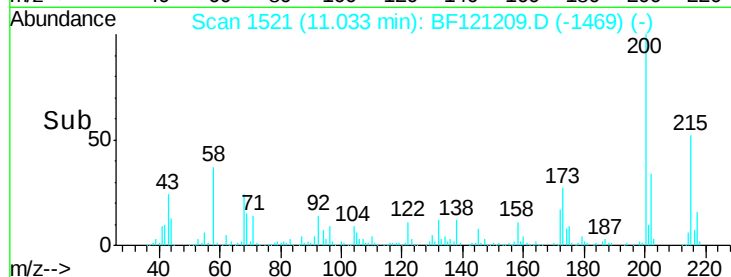
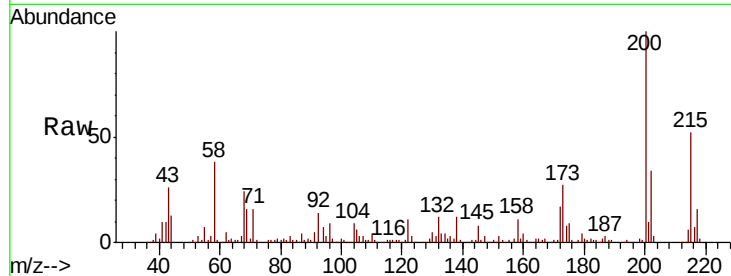
#69
Atrazine
Concen: 43.239 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	195182		
173	26.6	7.6	47.6	
215	51.8	28.8	68.8	

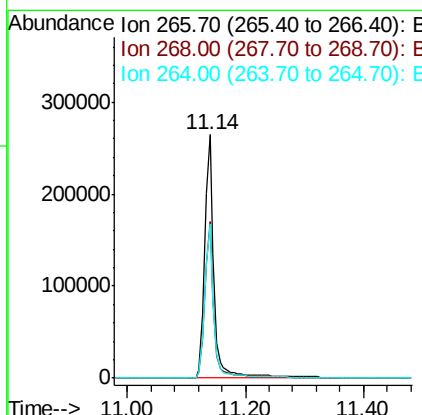
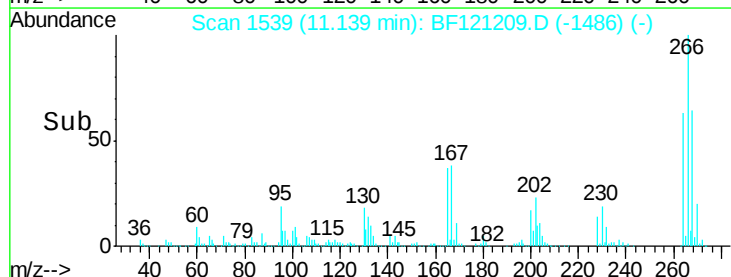
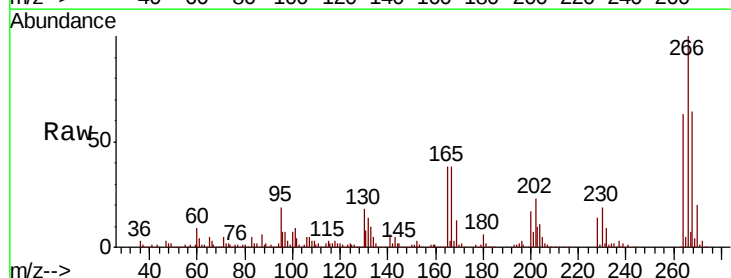
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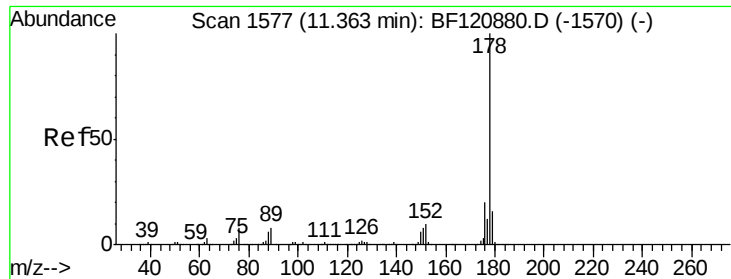
mohammad
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#70
Pentachlorophenol
Concen: 72.854 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	291653		
268	64.2	49.7	74.5	
264	63.4	50.4	75.6	





#71

Phenanthrene

Concen: 80.622 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:178 Resp: 2402445

Ion Ratio Lower Upper

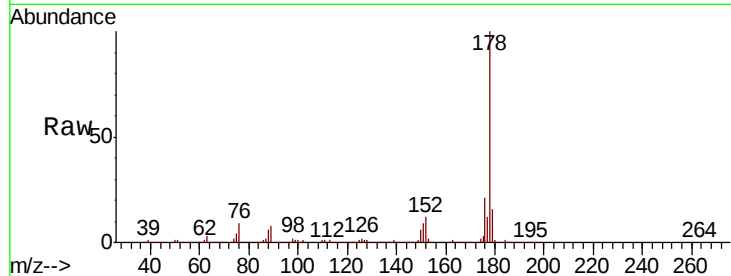
178 100

176 20.7 16.2 24.2

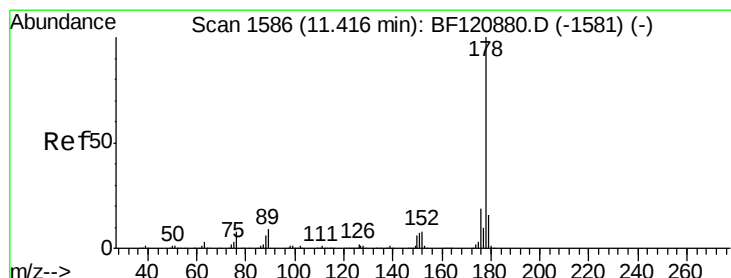
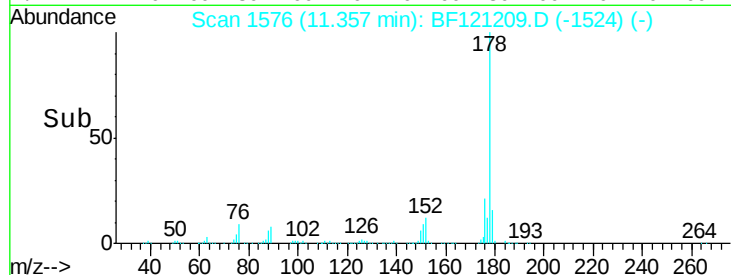
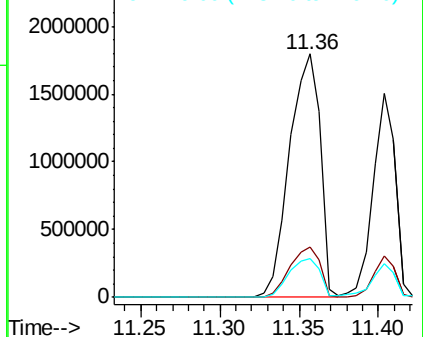
179 16.1 12.6 19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.400 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:178 Resp: 1478178

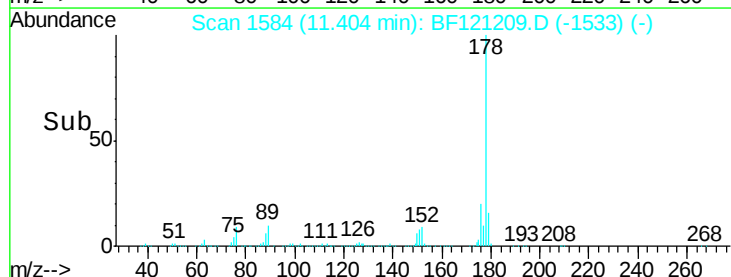
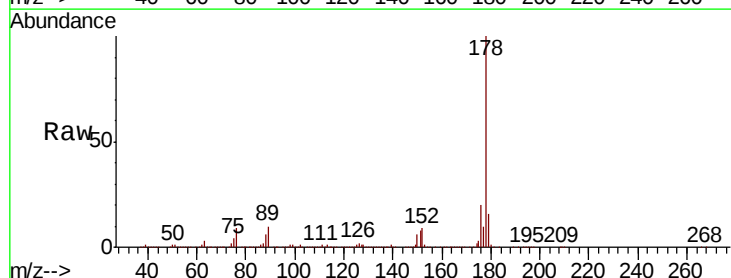
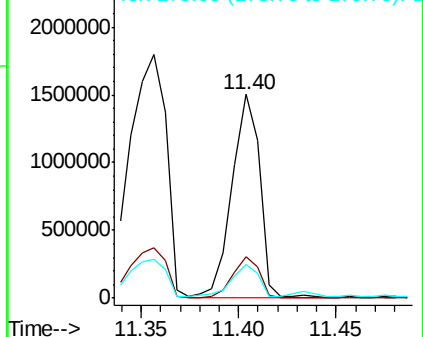
Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 16.4 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.134 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:167 Resp: 1102708

Ion Ratio Lower Upper

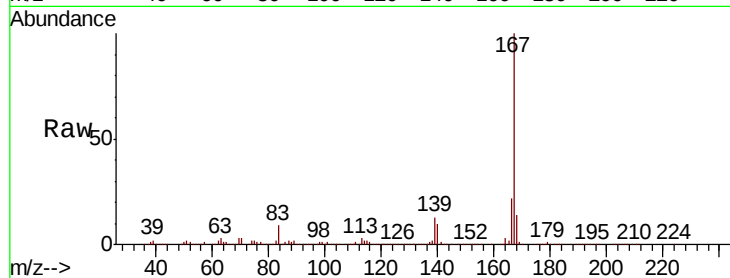
167 100

166 22.2 17.5 26.3

139 13.1 10.5 15.7

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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

11.56

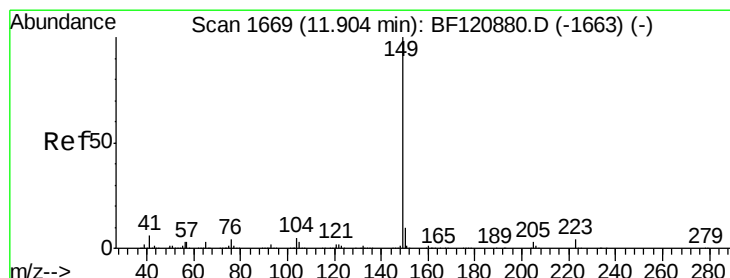
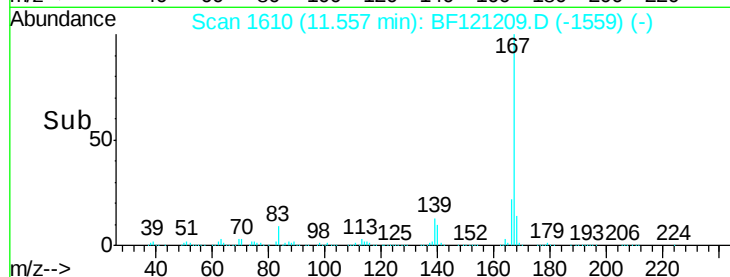
1500000

1000000

500000

0

Time-->



#74

Di-n-butylphthalate

Concen: 35.948 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

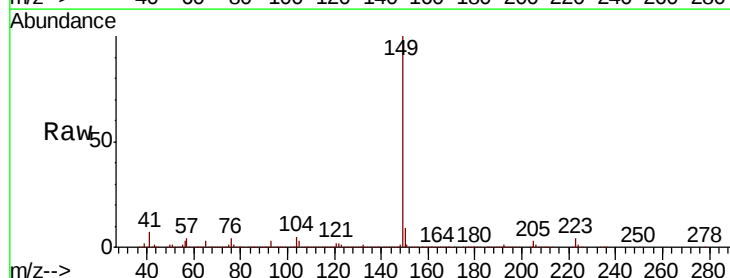
Tgt Ion:149 Resp: 1231884

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 4.6 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

11.89

2000000

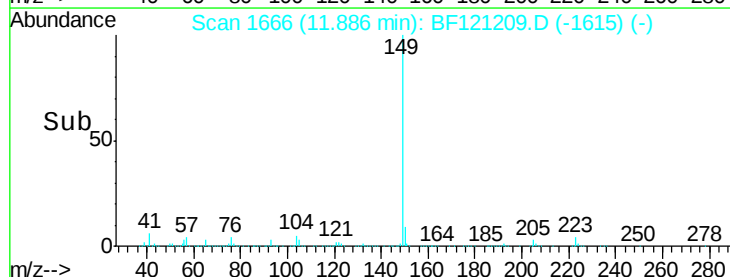
1500000

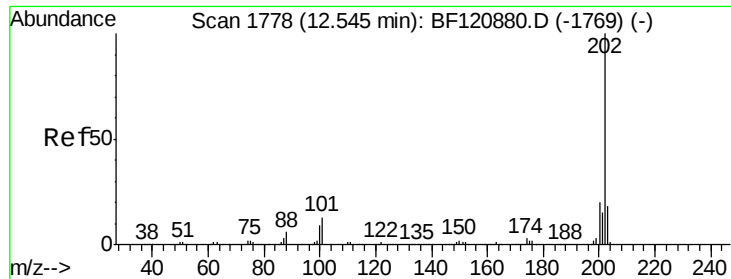
1000000

500000

0

Time-->





#75

Fluoranthene

Concen: 70.885 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

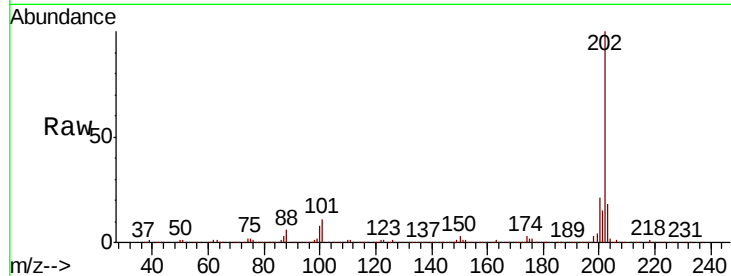
ClientSampleId :

JB-1AMSD

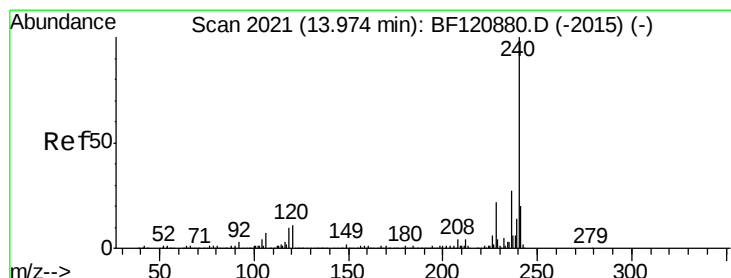
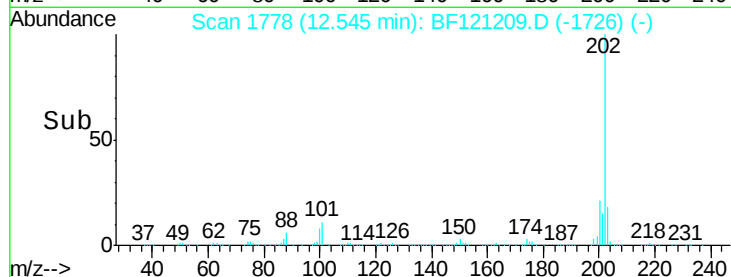
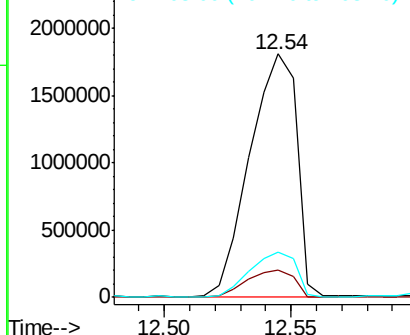
Tot Ion:	202	Resp:	2341325
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.5
203	18.4	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

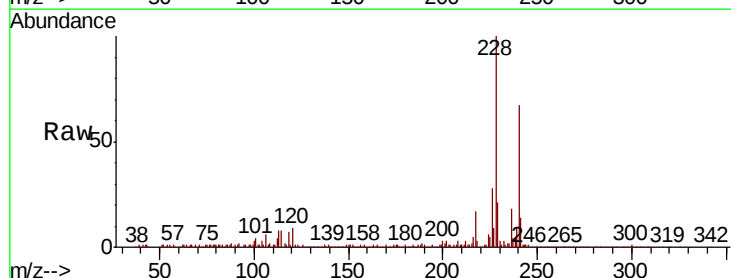
RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

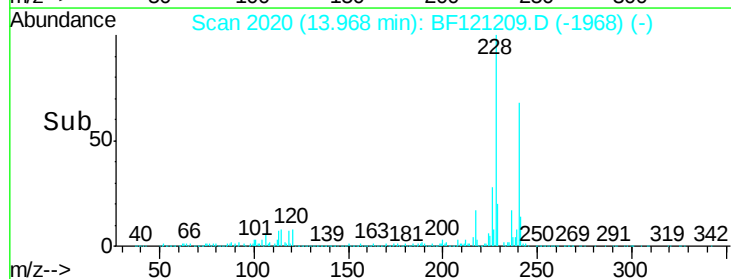
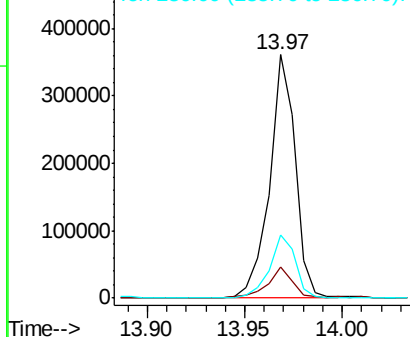
Lab File: BF121209.D

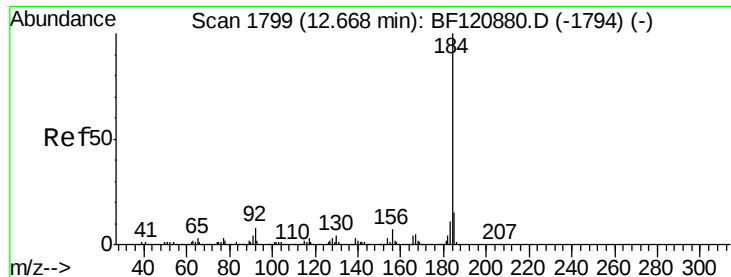
Acq: 6 Aug 2020 18:43

Tgt Ion:	240	Resp:	328150
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.3	13.9
236	26.0	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.560 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

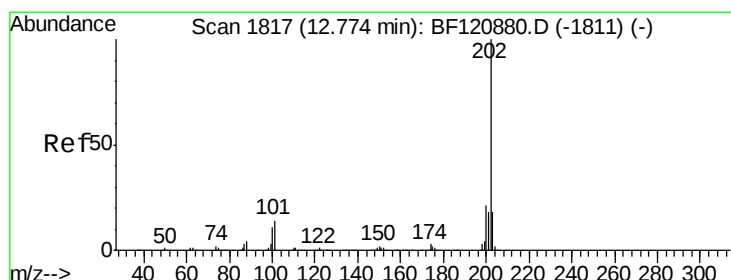
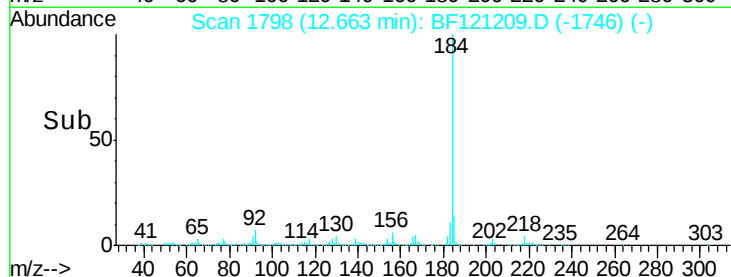
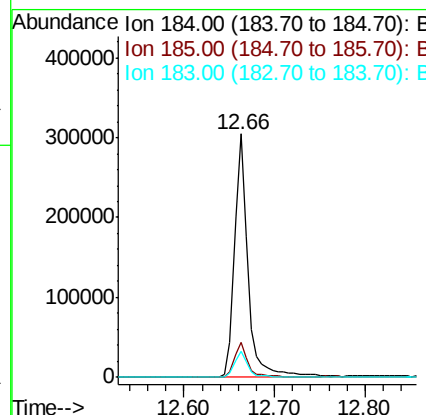
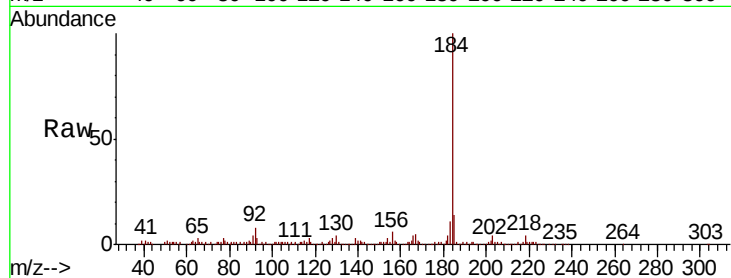
ClientSampleId :

JB-1AMSD

Tot Ion:	184	Resp:	315426
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.1	18.1
183	10.6	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 103.375 ng

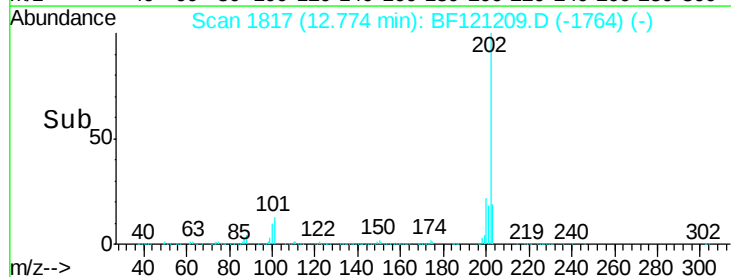
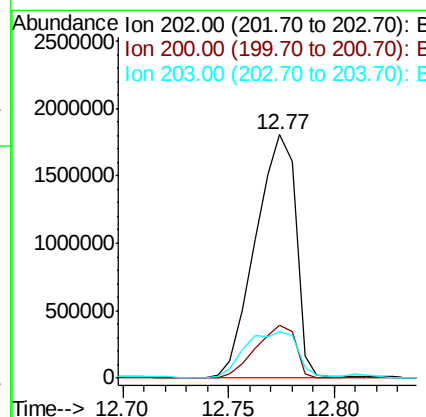
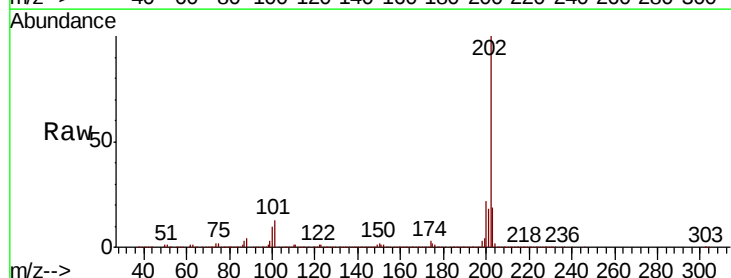
RT: 12.77 min Scan# 1817

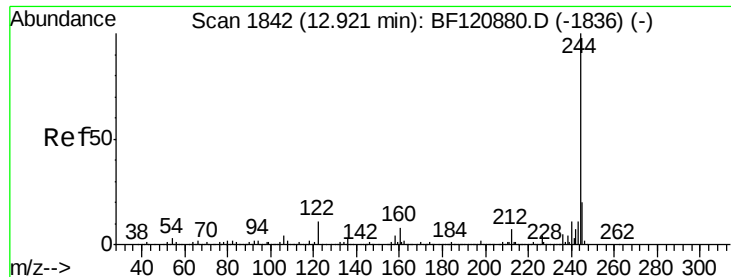
Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:	202	Resp:	2398338
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.6
203	19.0	14.6	21.8





#79

Terphenyl-d14

Concen: 79.597 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:244 Resp: 1201580

Ion Ratio Lower Upper

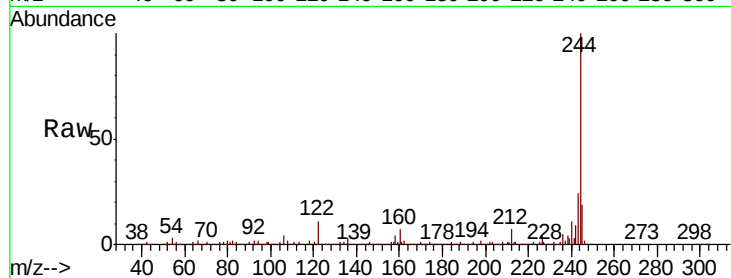
244 100

212 7.2 5.7 8.5

122 10.8 8.3 12.5

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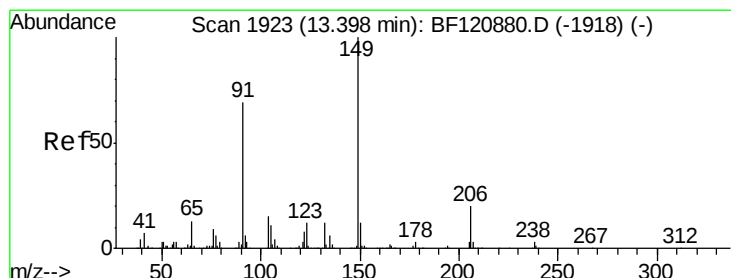
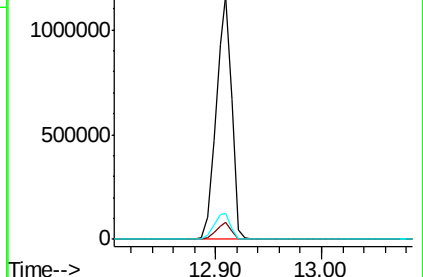
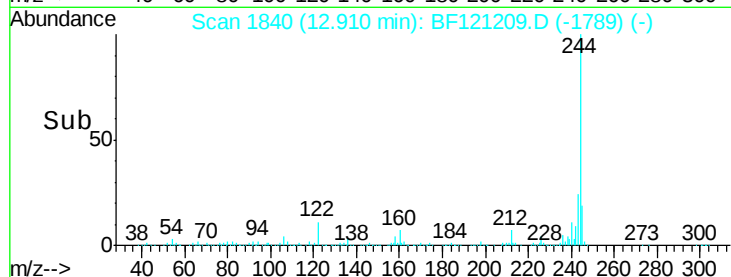
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.904 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

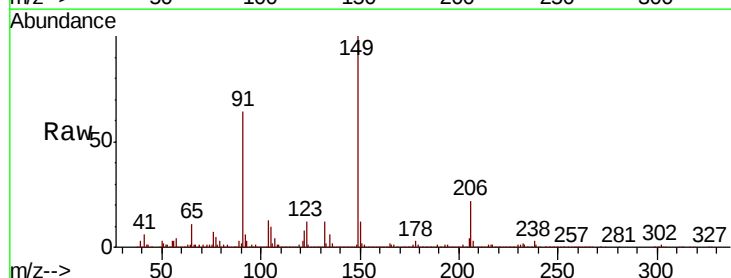
Tgt Ion:149 Resp: 464413

Ion Ratio Lower Upper

149 100

91 63.9 51.4 77.0

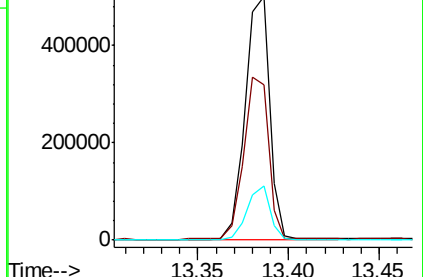
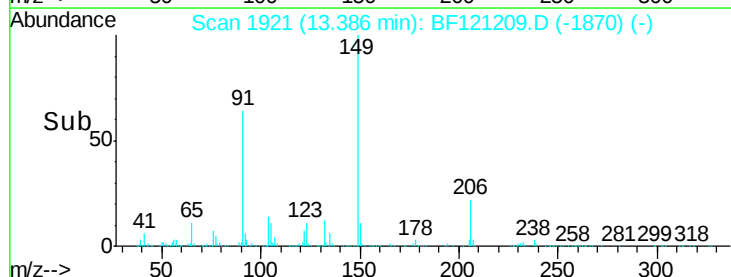
206 22.1 17.9 26.9

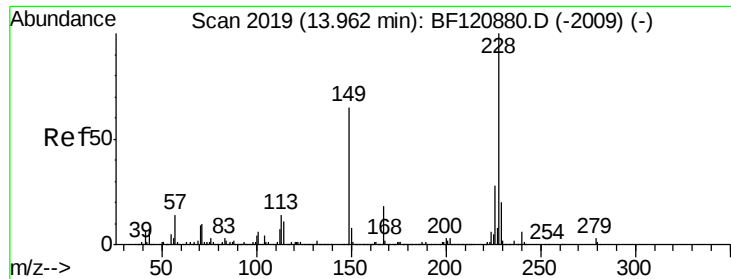


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





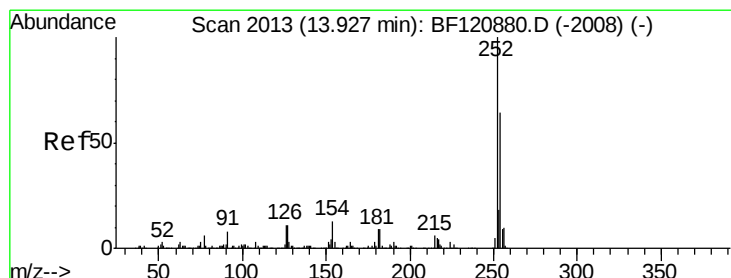
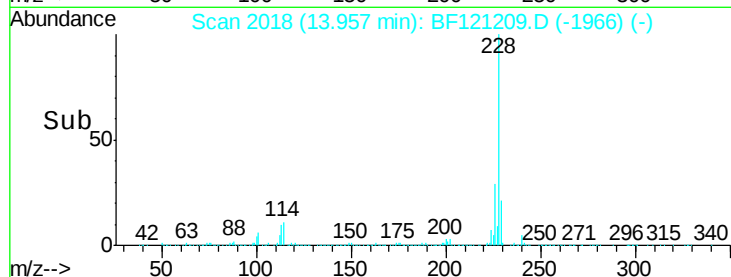
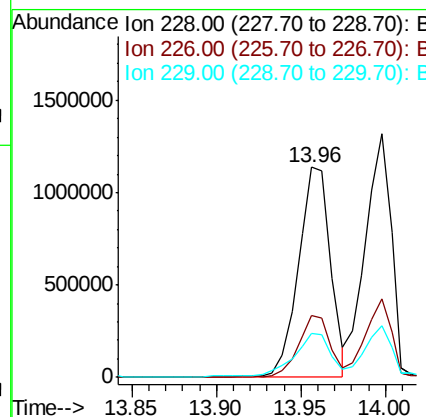
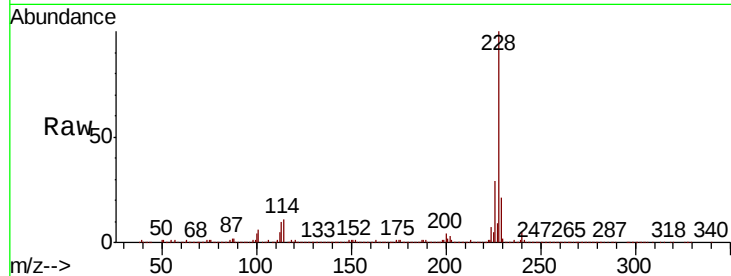
#81
Benzo(a)anthracene
Concen: 75.195 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:228 Resp: 1494199
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 20.8 16.1 24.1

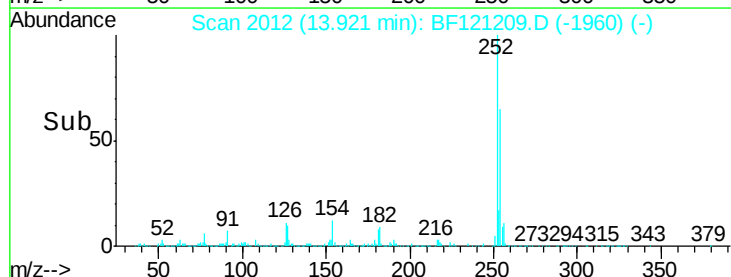
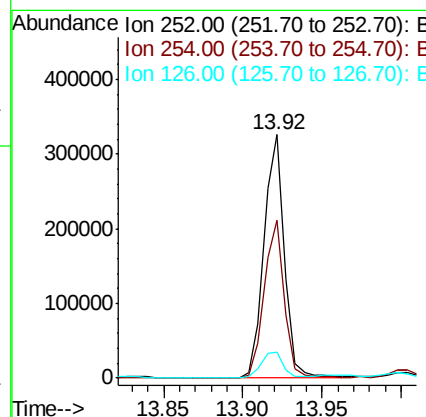
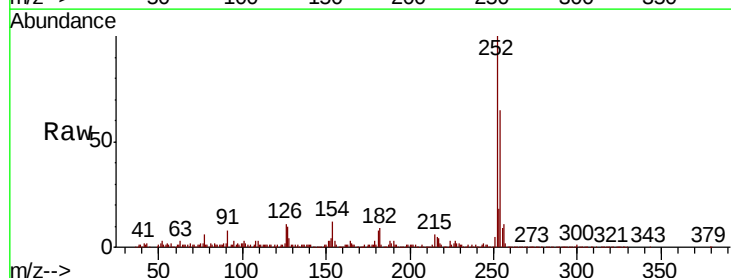
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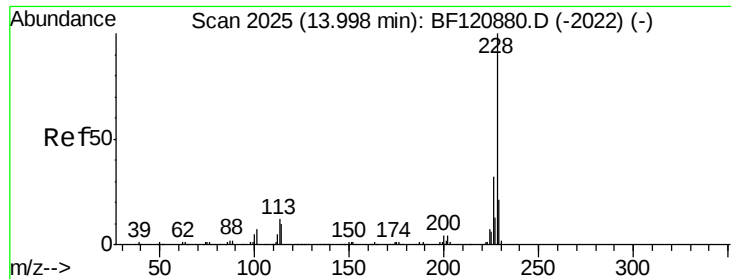
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#82
3,3'-Dichlorobenzidine
Concen: 39.009 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:252 Resp: 292443
Ion Ratio Lower Upper
252 100
254 65.0 51.3 76.9
126 10.8 9.2 13.8





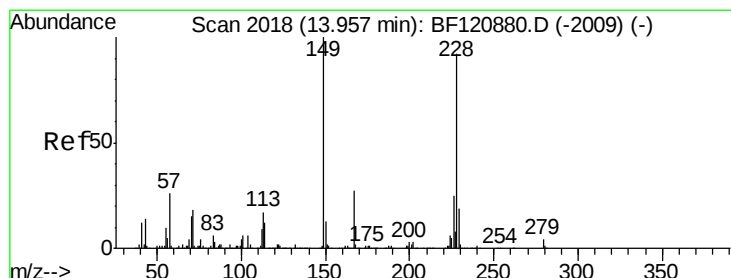
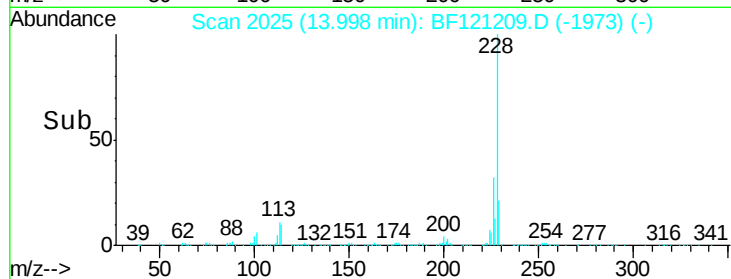
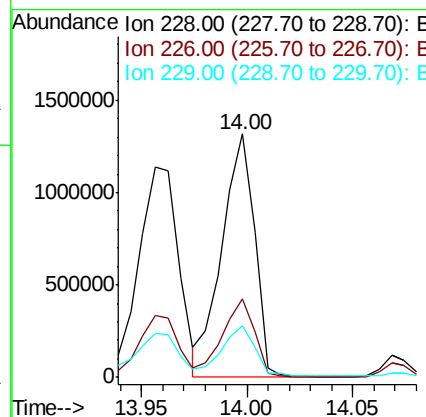
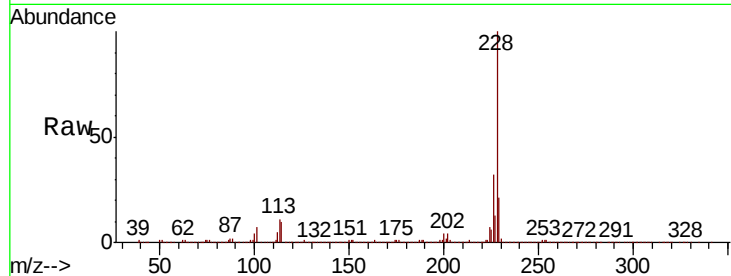
#83
Chrysene
Concen: 67.342 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.4	16.2	24.4

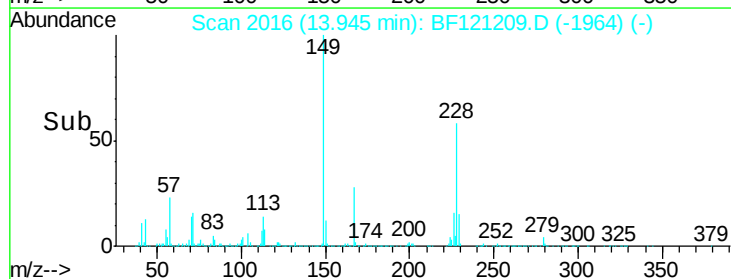
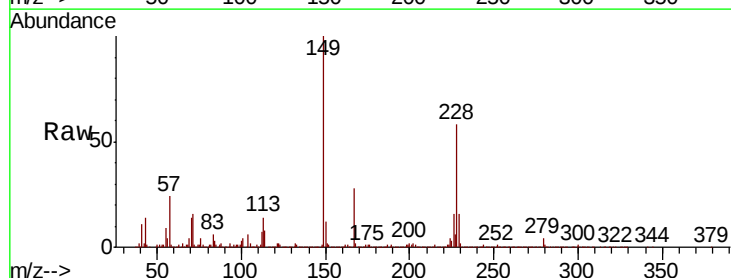
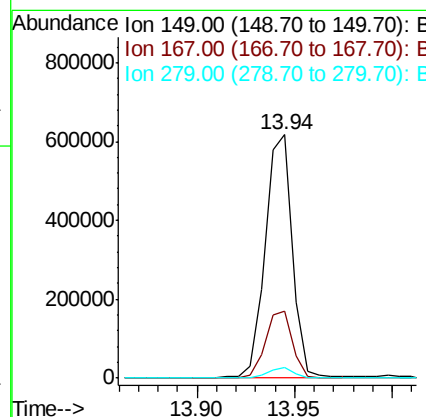
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.045 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.5	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 38.685 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

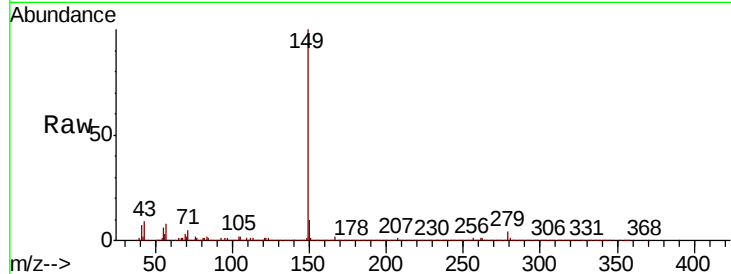
ClientSampleId :

JB-1AMSD

Tot Ion:	149	Resp:	981564
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.5	11.3

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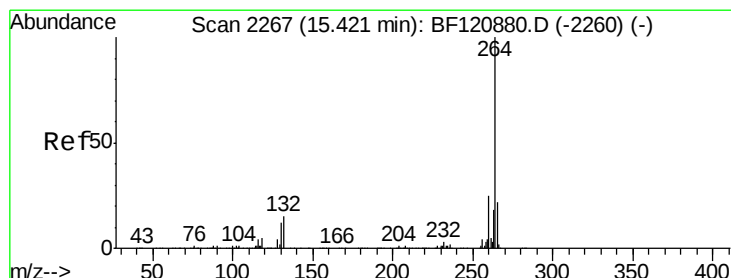
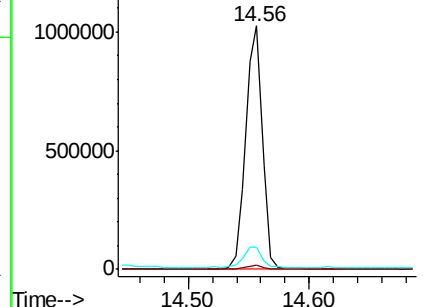
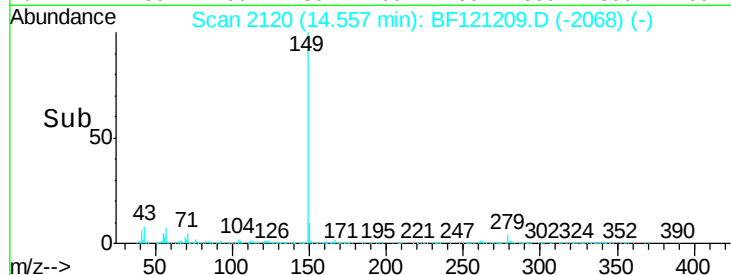
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

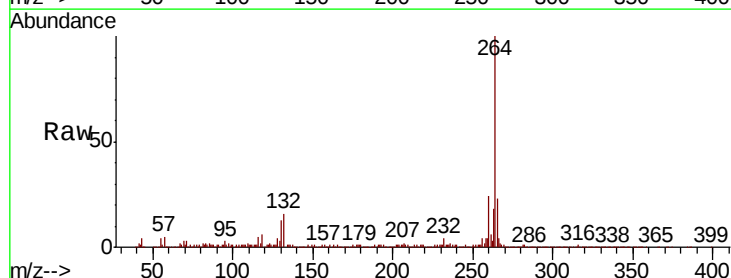
RT: 15.42 min Scan# 2267

Delta R.T. 0.02 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

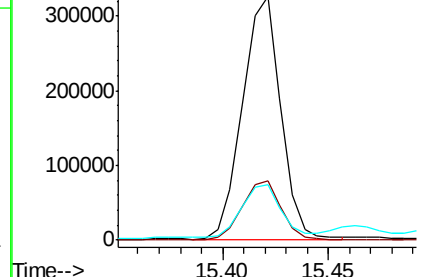
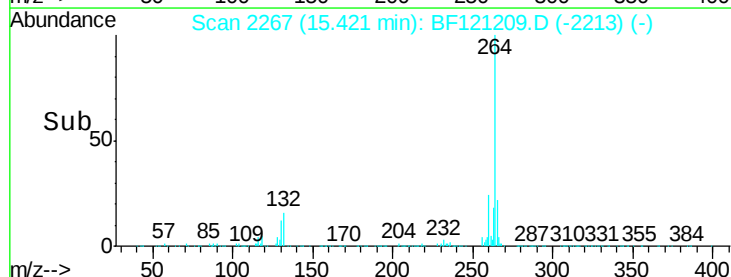
Tgt Ion:	264	Resp:	407730
Ion Ratio		Lower	Upper
264	100		
260	24.3	19.9	29.9
265	22.6	17.8	26.8

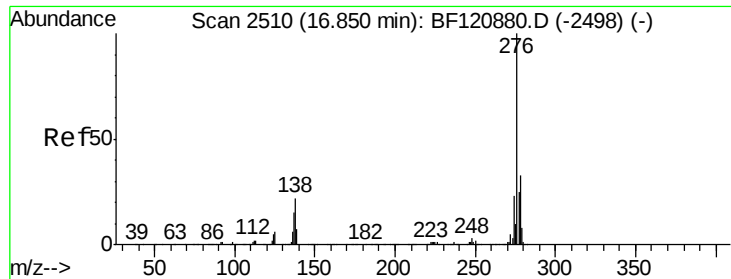


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





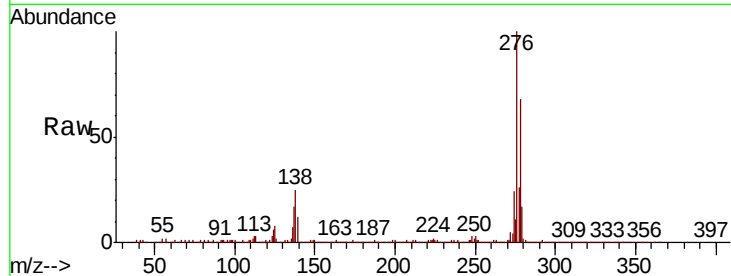
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.541 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.04 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.3	28.9
277	25.4	20.1	30.1

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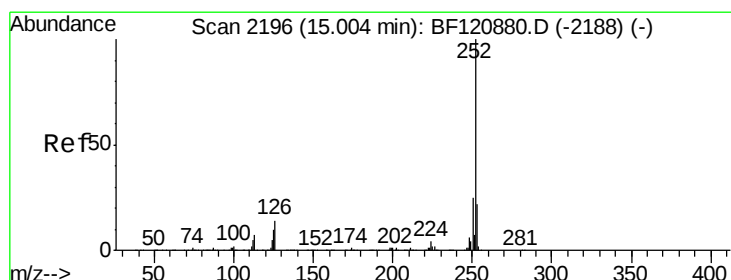
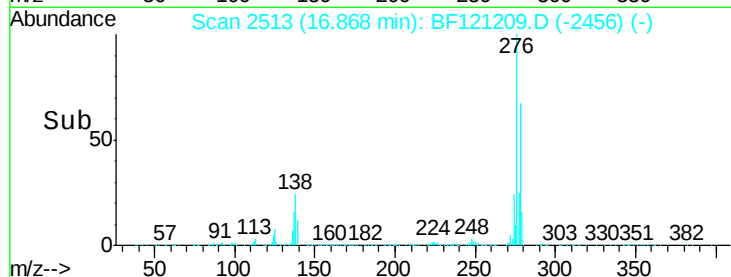
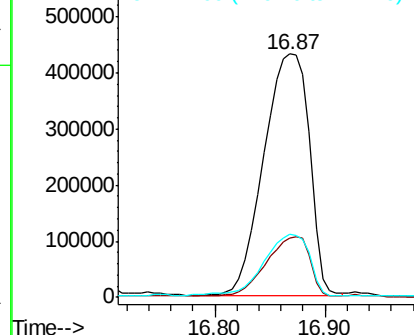


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 69.981 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

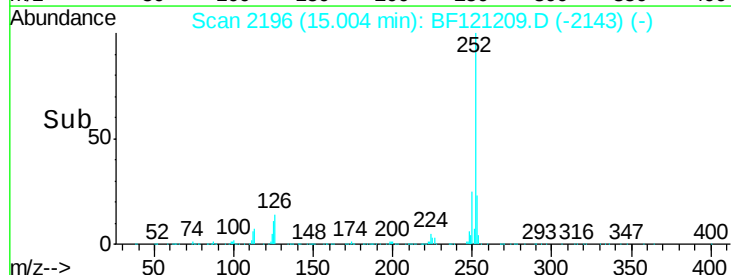
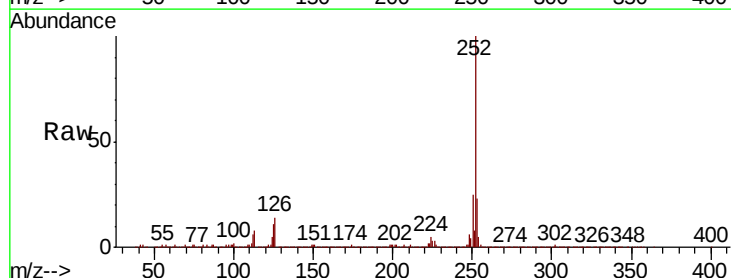
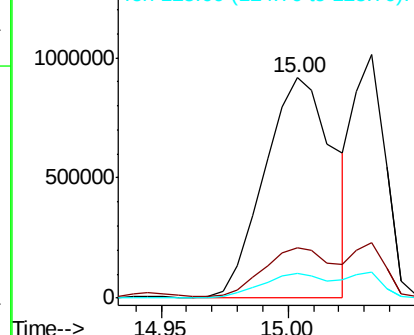
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.1	8.1	12.1

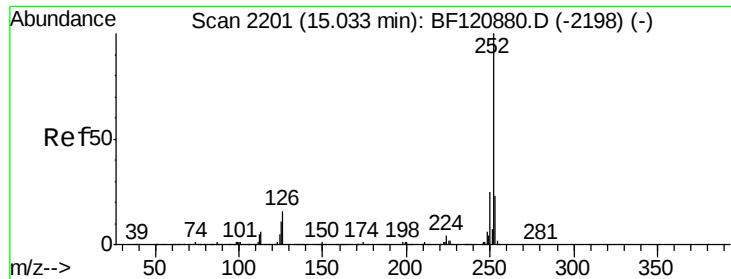
Abundance

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





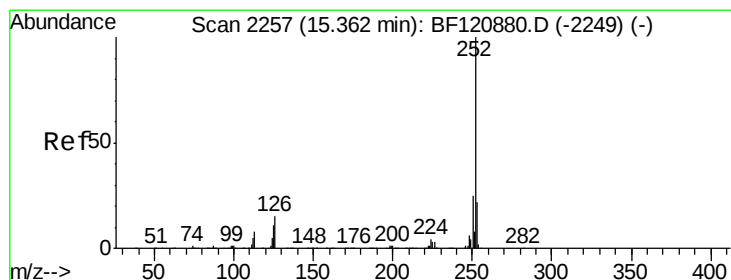
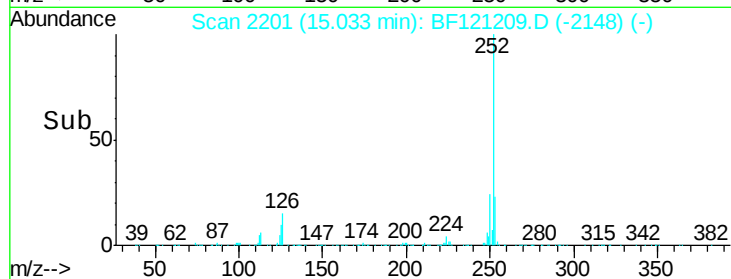
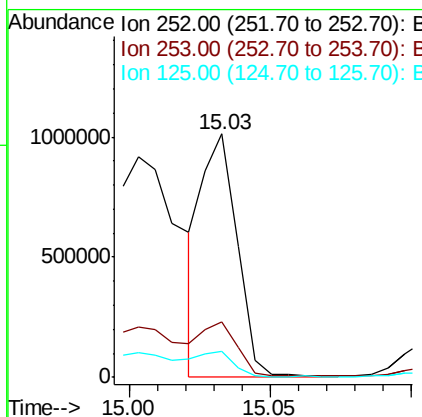
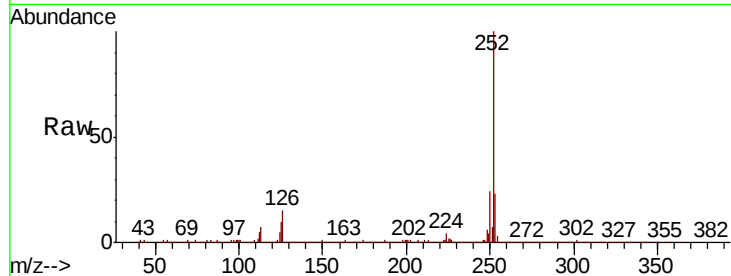
#89
Benzo(k)fluoranthene
Concen: 39.311 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.5	8.0	12.0

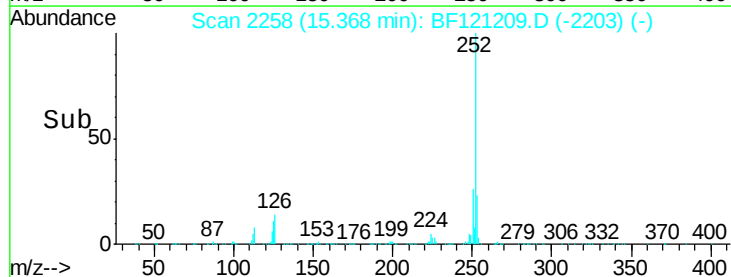
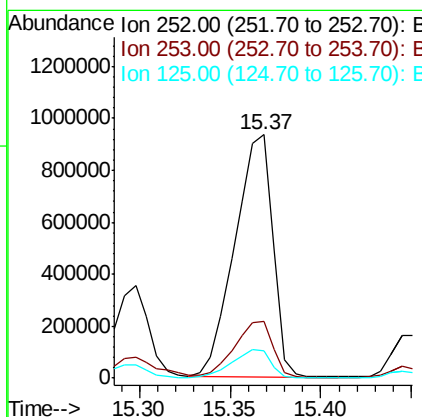
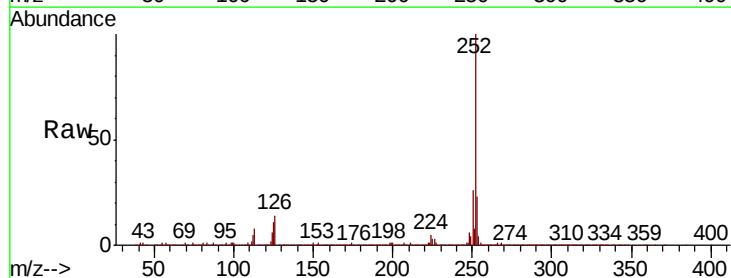
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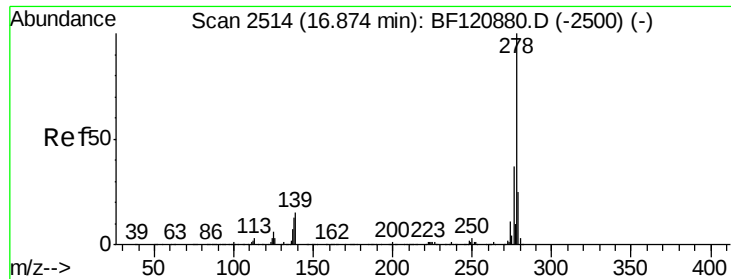
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#90
Benzo(a)pyrene
Concen: 60.730 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.0	9.5	14.3





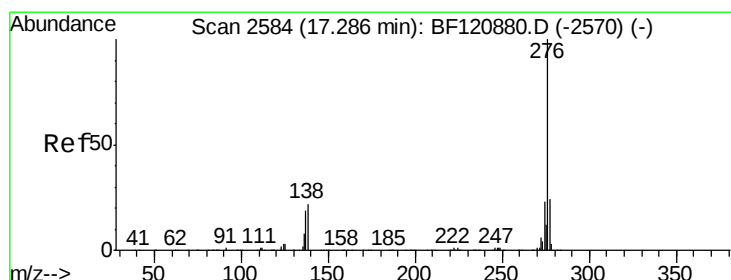
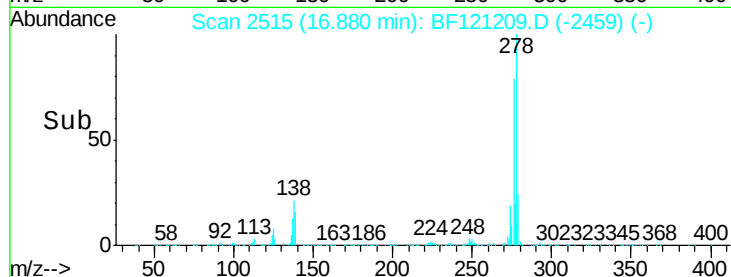
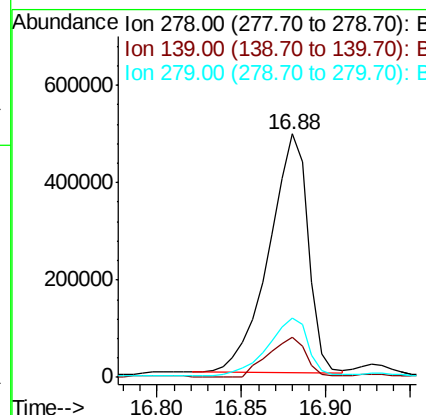
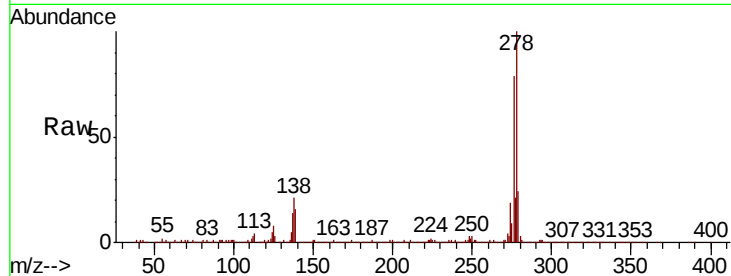
#91
Dibenzo(a,h)anthracene
Concen: 34.354 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.03 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	18.8
279	24.5	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/7/2020 1:50:58 PM



#92
Benzo(g,h,i)perylene
Concen: 45.829 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.04 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	21.5	17.2	25.8

