

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121208.D
 Acq On : 6 Aug 2020 18:12
 Operator : JU/CG
 Sample : L3553-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Manual Integrations
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Quant Time: Aug 06 19:11:49 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	142025	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	559833	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	293976	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	556096	20.00	ng	0.00
76) Chrysene-d12	13.97	240	326250	20.00	ng	0.00
86) Perylene-d12	15.42	264	377934	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	887213	102.41	ng	0.00
7) Phenol-d6	6.44	99	1099490	98.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	738199	76.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	315916	98.18	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1277463	64.88	ng	0.00
79) Terphenyl-d14	12.91	244	1180926	78.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	141521	35.494	ng	99
3) Pyridine	3.26	79	301431	28.419	ng	99
4) n-Nitrosodimethylamine	3.20	42	177175	39.064	ng	93
6) Aniline	6.46	93	306829	21.004	ng	# 81
8) 2-Chlorophenol	6.58	128	388766	40.734	ng	99
9) Benzaldehyde	6.34	77	255033	50.335	ng	97
10) Phenol	6.45	94	449931	36.549	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	382071	40.497	ng	97
12) 1,3-Dichlorobenzene	6.73	146	392333	37.910	ng	99
13) 1,4-Dichlorobenzene	6.81	146	398357	38.710	ng	100
14) 1,2-Dichlorobenzene	6.96	146	383117	39.353	ng	99
15) Benzyl Alcohol	6.94	79	312006	39.424	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	506727	37.263	ng	86
17) 2-Methylphenol	7.06	107	302891	35.807	ng	99
18) Hexachloroethane	7.30	117	141987	38.121	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	239936	37.705	ng	96
20) 3+4-Methylphenols	7.21	107	368101	34.208	ng	97
22) Acetophenone	7.20	105	497855	39.624	ng	94
24) Nitrobenzene	7.38	77	389593	37.361	ng	99
25) Isophorone	7.62	82	700944	36.301	ng	96
26) 2-Nitrophenol	7.69	139	208666	42.133	ng	96
27) 2,4-Dimethylphenol	7.74	122	319044	39.677	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	455974	38.685	ng	100
29) 2,4-Dichlorophenol	7.94	162	324888	39.540	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	337899	37.066	ng	99
31) Naphthalene	8.10	128	1099498	38.288	ng	100
32) Benzoic acid	7.82	122	16602m	2.750	ng	
33) 4-Chloroaniline	8.15	127	210366	16.422	ng	98
34) Hexachlorobutadiene	8.22	225	190103	35.374	ng	98
35) Caprolactam	8.53	113	98605m	37.422	ng	
36) 4-Chloro-3-methylphenol	8.65	107	329638	39.117	ng	98
37) 2-Methylnaphthalene	8.79	142	741599	39.773	ng	99
38) 1-Methylnaphthalene	8.89	142	695553	39.387	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	335647	39.187	ng	100

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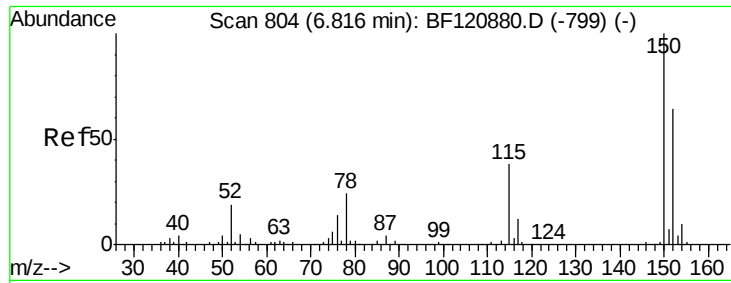
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	164424	34.734	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	231135	38.327	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	247019	36.110	nq	99
46) 1,1'-Biphenyl	9.26	154	871241	38.852	nq	99
47) 2-Chloronaphthalene	9.28	162	665887	36.422	nq	98
48) 2-Nitroaniline	9.38	65	215251	38.958	nq	96
49) Acenaphthylene	9.70	152	1096413	38.602	nq	99
50) Dimethylphthalate	9.56	163	1016803	47.943	nq	100
51) 2,6-Dinitrotoluene	9.62	165	179930	39.489	nq	95
52) Acenaphthene	9.87	154	779976m	43.194	nq	
53) 3-Nitroaniline	9.79	138	128454	22.478	nq	99
54) 2,4-Dinitrophenol	9.90	184	67247	30.284	nq	93
55) Dibenzofuran	10.04	168	994570	38.087	nq	100
56) 4-Nitrophenol	9.97	139	287861	66.313	nq	97
57) 2,4-Dinitrotoluene	10.03	165	225973	37.765	nq	# 86
58) Fluorene	10.39	166	815773	41.887	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	204960	39.351	nq	99
60) Diethylphthalate	10.26	149	781970	36.452	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	339714	32.703	nq	99
62) 4-Nitroaniline	10.41	138	186477	33.499	nq	97
63) Azobenzene	10.53	77	727559	35.625	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	81952	27.267	nq	96
66) n-Nitrosodiphenylamine	10.50	169	661046	37.788	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	229249	36.975	nq	99
68) Hexachlorobenzene	10.93	284	247080	36.840	nq	# 92
69) Atrazine	11.03	200	186940	43.149	nq	99
70) Pentachlorophenol	11.14	266	275860	71.797	nq	99
71) Phenanthrene	11.36	178	2273362	79.488	nq	99
72) Anthracene	11.40	178	1436422	50.017	nq	100
73) Carbazole	11.56	167	1062272	37.272	nq	100
74) Di-n-butylphthalate	11.89	149	1182872	35.965	nq	99
75) Fluoranthene	12.55	202	2292496	72.316	nq	98
77) Benzidine	12.66	184	286565	33.408	nq	98
78) Pyrene	12.77	202	2362840	102.438	nq	98
80) Butylbenzylphthalate	13.38	149	457632	44.506	nq	96
81) Benzo(a)anthracene	13.96	228	1481158	74.972	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	258935	34.740	nq	99
83) Chrysene	14.00	228	1330149	64.068	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	575744	45.407	nq	99
85) Di-n-octyl phthalate	14.55	149	962509	38.155	nq	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1292673	49.181	nq	99
88) Benzo(b)fluoranthene	15.00	252	1516742	66.393	nq	98
89) Benzo(k)fluoranthene	15.03	252	954490	45.813	nq	98
90) Benzo(a)pyrene	15.36	252	1296874	62.222	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	811724	37.807	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1106950	52.290	nq	100

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



#1

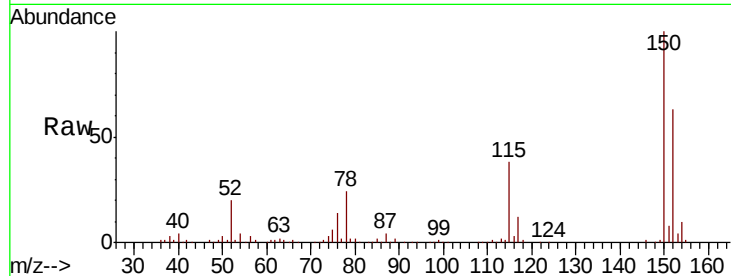
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

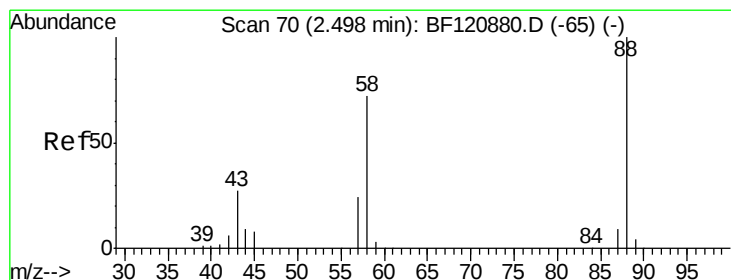
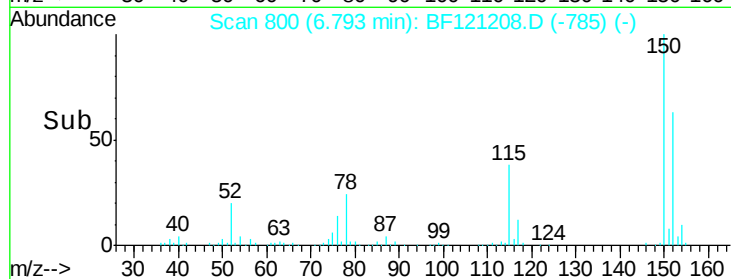
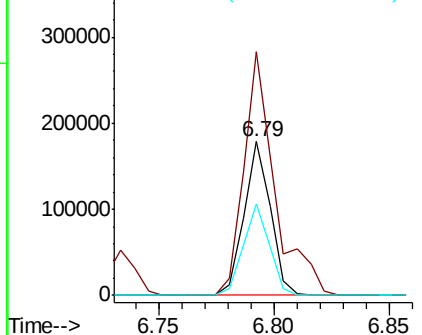
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.6	188.4
115	59.6	46.2	69.2

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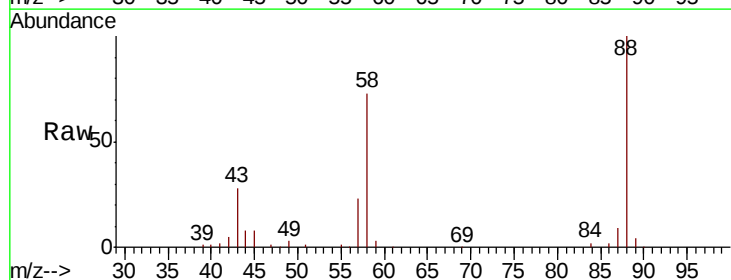
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



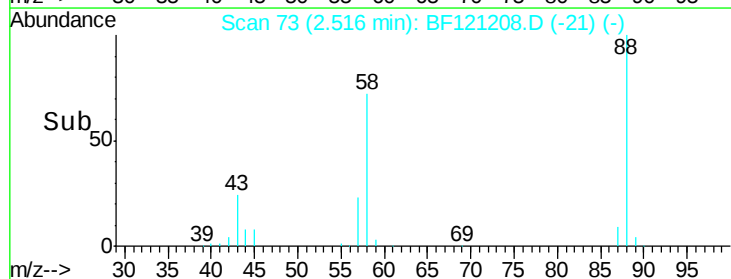
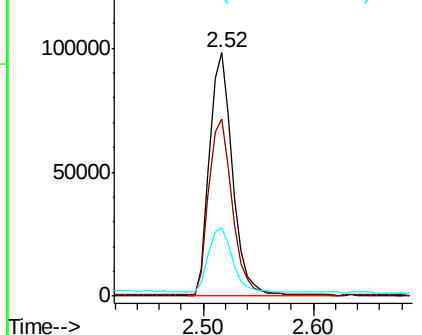
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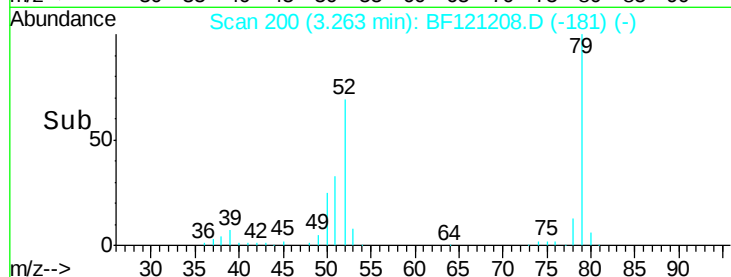
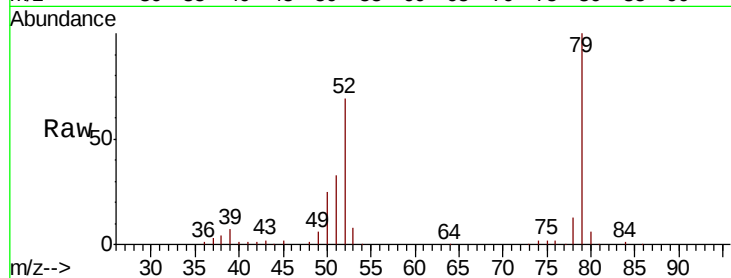
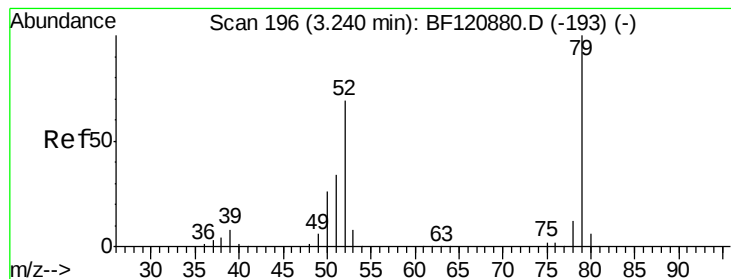
1,4-Dioxane
Concen: 35.494 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.2	87.4
43	27.6	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: 28.419 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tot Ion:	79	Resp:	301431
Ion Ratio	Lower	Upper	
79	100		
52	68.8	54.9	82.3
51	33.2	27.4	41.0

Instrument :

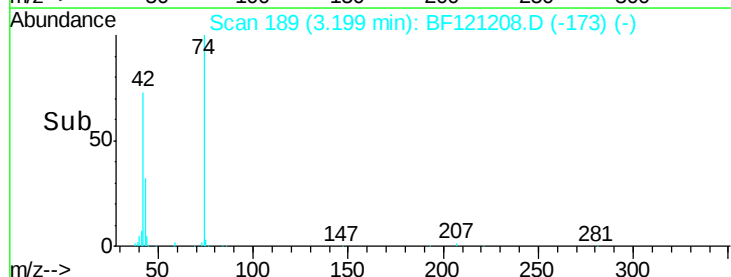
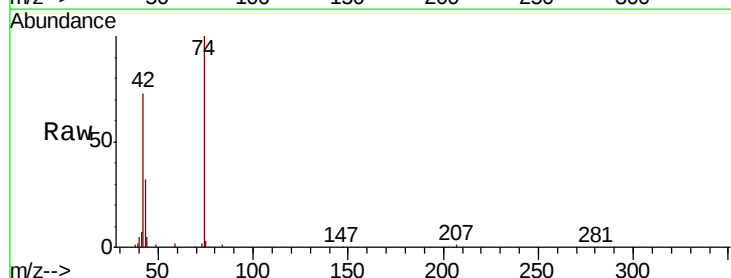
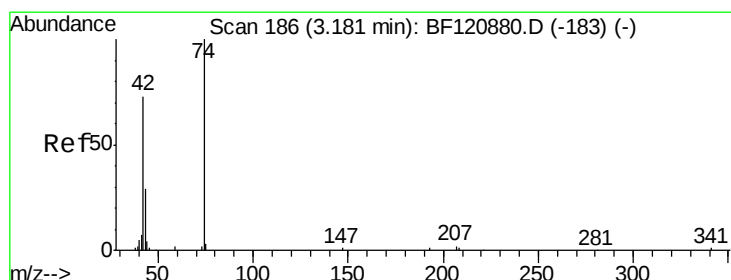
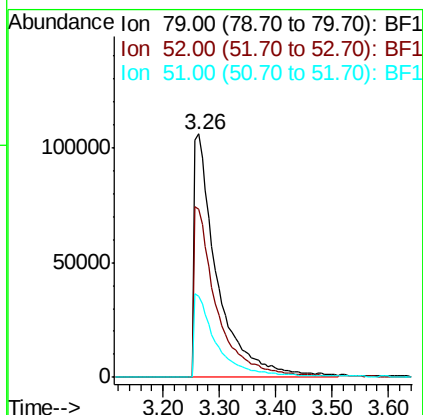
BNA_F

ClientSampled :

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#4

n-Nitrosodimethylamine

Concen: 39.064 ng

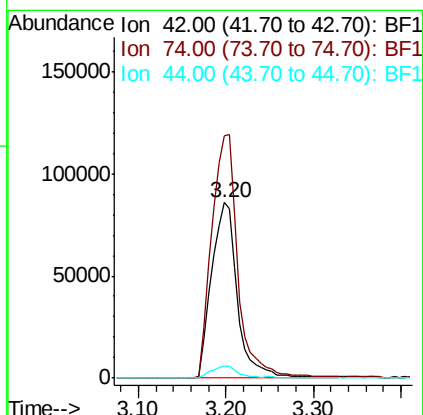
RT: 3.20 min Scan# 189

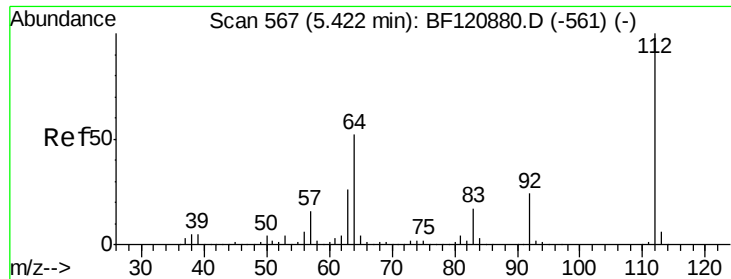
Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	42	Resp:	177175
Ion Ratio	Lower	Upper	
42	100		
74	137.8	117.3	175.9
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 102.409 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

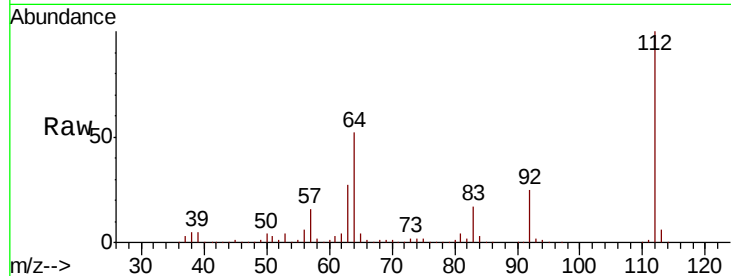
ClientSampled :

JB-1AMS

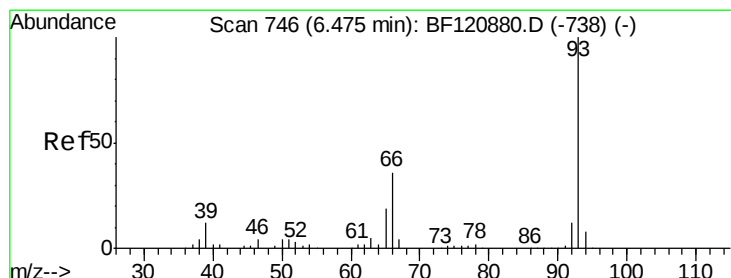
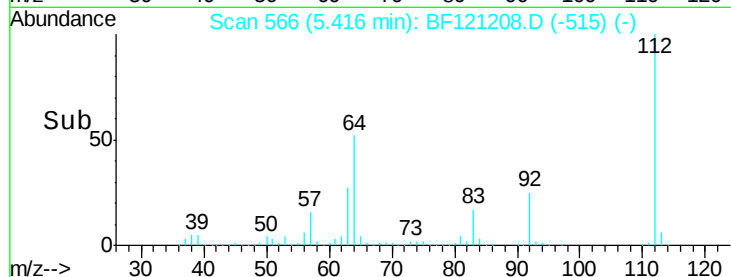
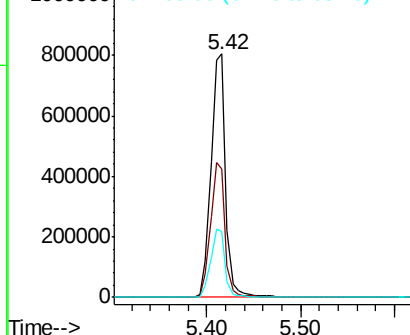
Tot Ion:	112	Resp:	887213
Ion Ratio	Lower	Upper	
112	100		
64	52.5	43.9	65.9
63	26.8	22.7	34.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.004 ng

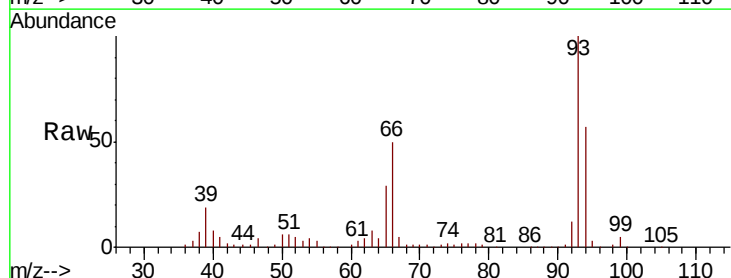
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

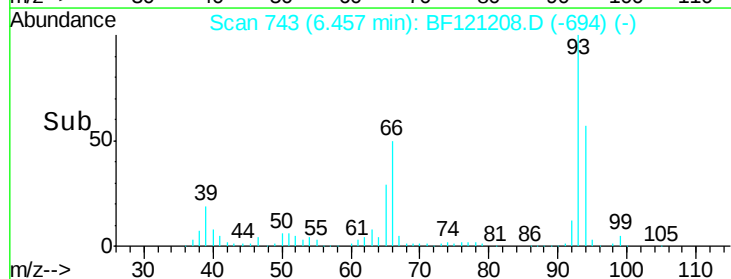
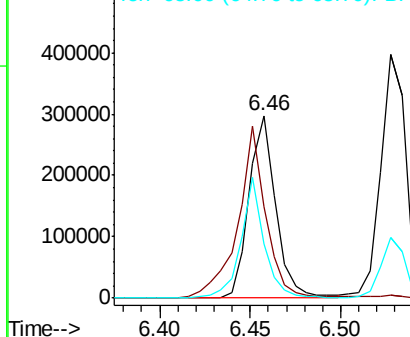
Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	93	Resp:	306829
Ion Ratio	Lower	Upper	
93	100		
66	50.0	31.0	46.4#
65	29.5	16.2	24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.248 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampleId :

JB-1AMS

Tot Ion: 99 Resp: 1099490

Ion Ratio Lower Upper

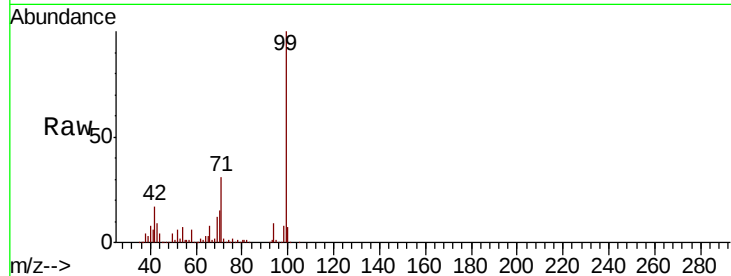
99 100

42 17.1 13.5 20.3

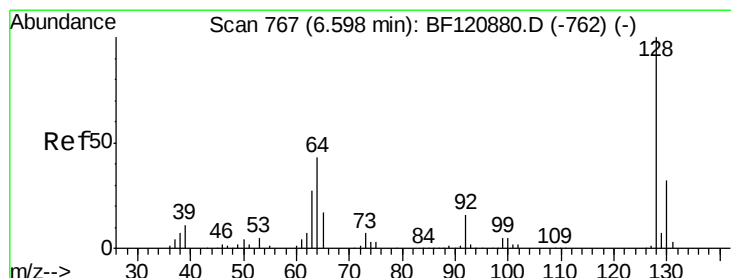
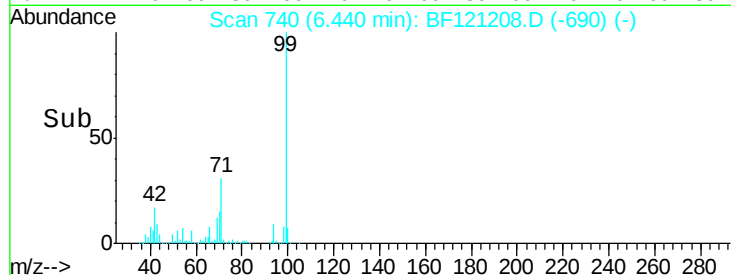
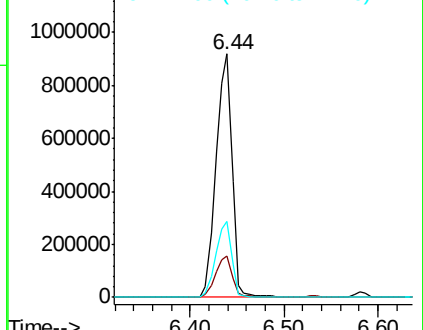
71 31.0 25.0 37.4

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.734 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

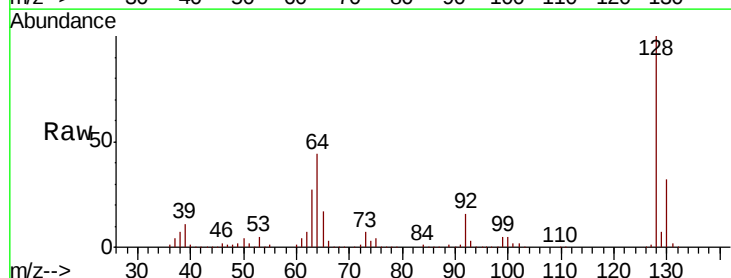
Tgt Ion: 128 Resp: 388766

Ion Ratio Lower Upper

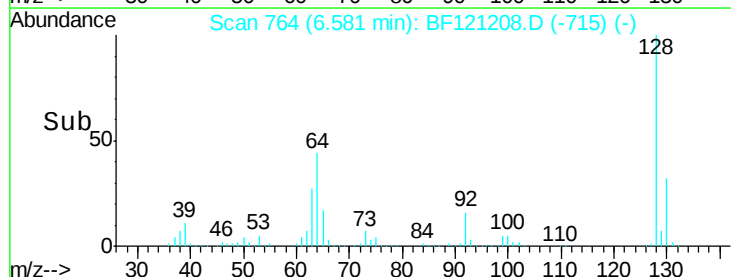
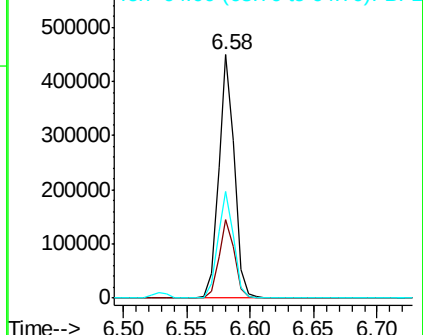
128 100

130 32.2 12.7 52.7

64 43.9 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 50.335 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

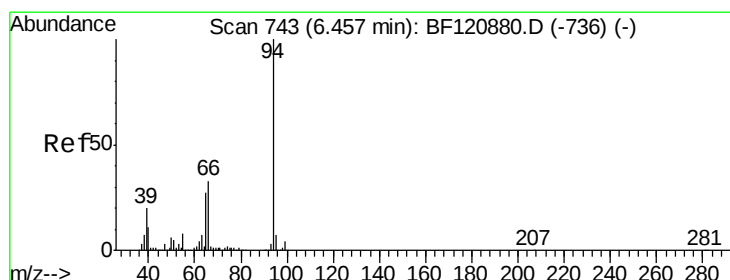
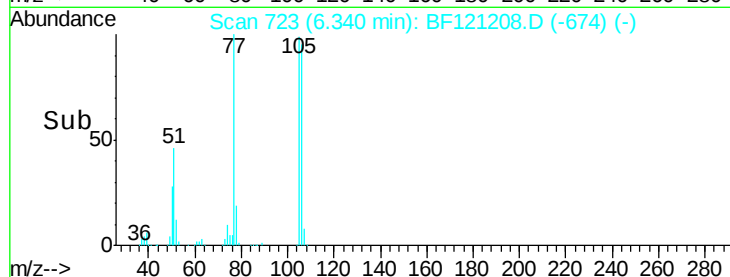
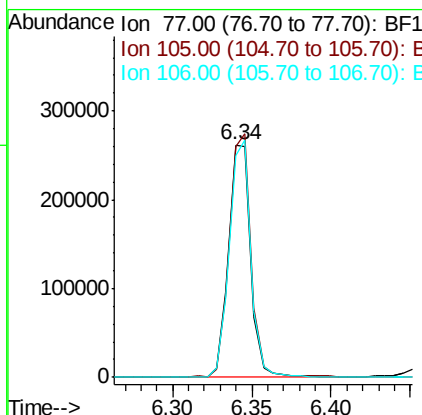
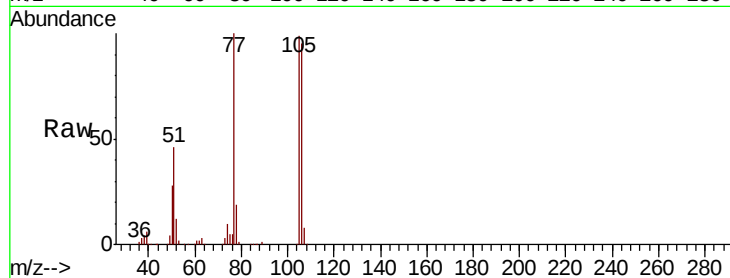
ClientSampleId :

JB-1AMS

Tot Ion:	77	Resp:	255033
Ion	Ratio	Lower	Upper
77	100		
105	99.1	82.4	122.4
106	95.3	78.9	118.9

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#10

Phenol

Concen: 36.549 ng

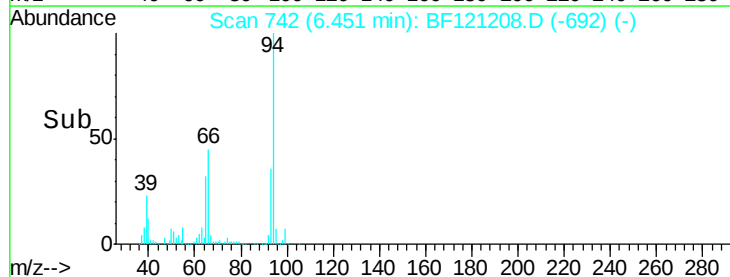
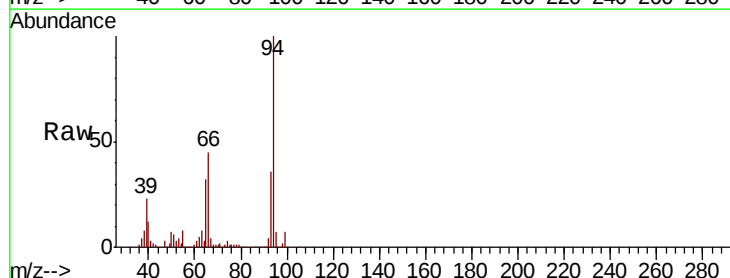
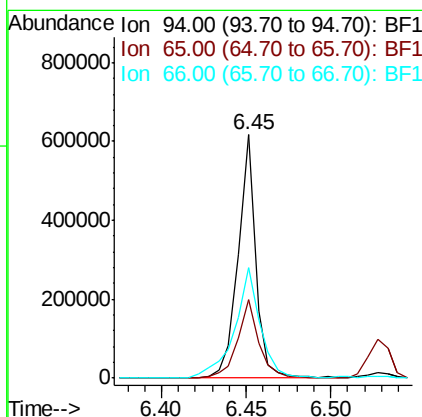
RT: 6.45 min Scan# 742

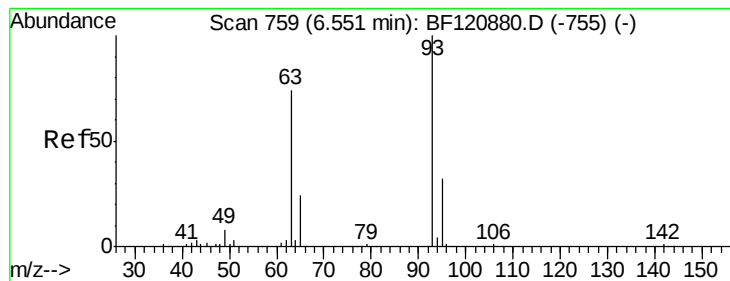
Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	94	Resp:	449931
Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.6	52.6
66	45.5	25.6	65.6





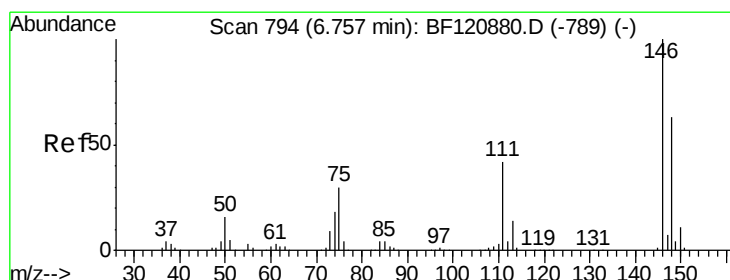
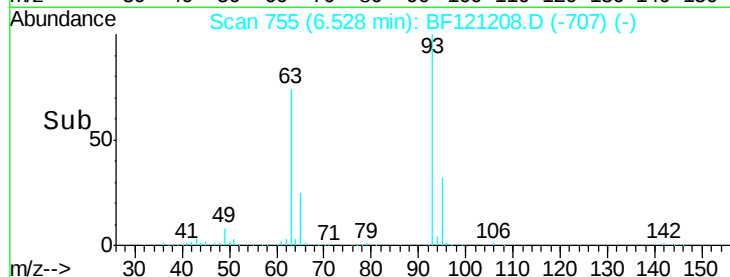
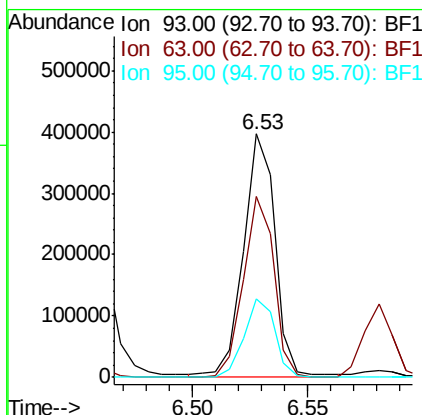
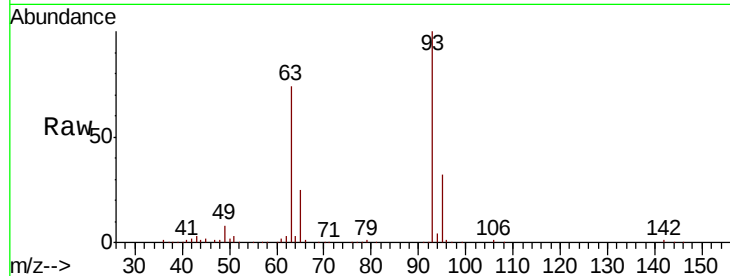
#11
bis(2-Chloroethyl)ether
Concen: 40.497 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	382071		
63	74.4		51.9	91.9
95	32.1		13.2	53.2

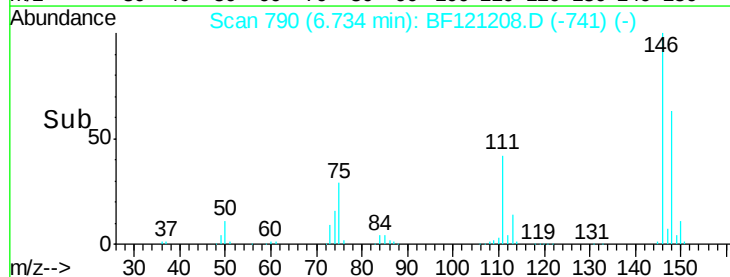
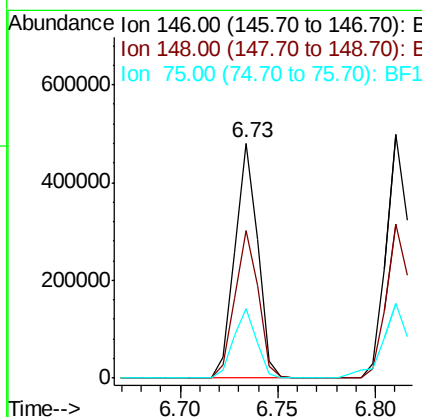
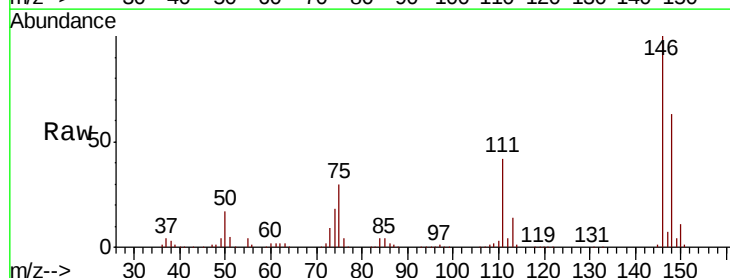
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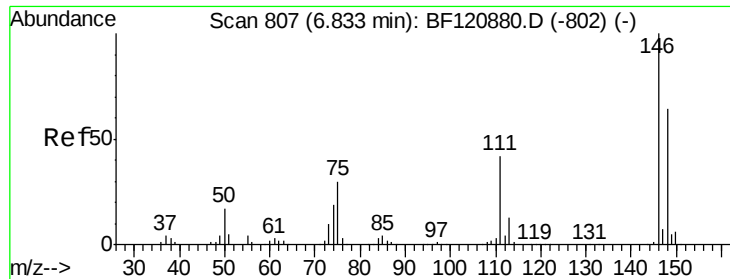
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.910 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	392333		
148	63.0		51.7	77.5
75	29.6		23.8	35.6





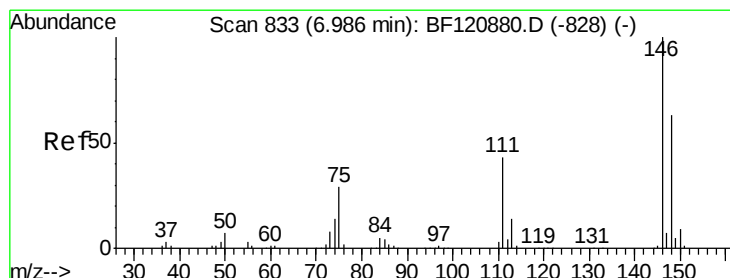
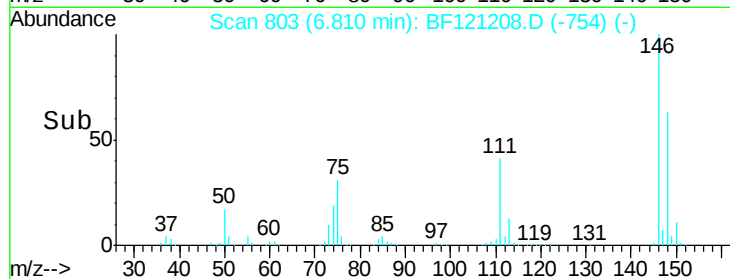
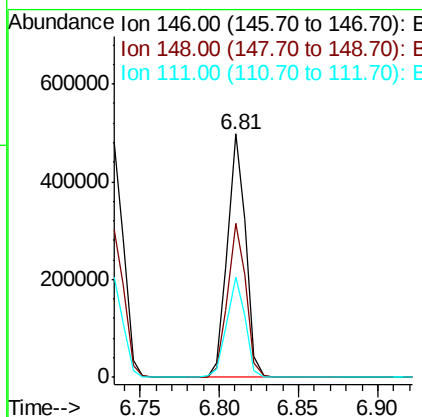
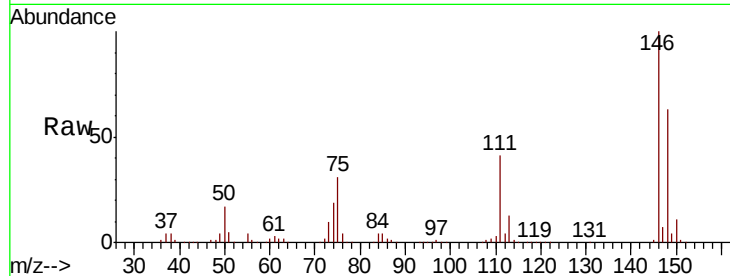
#13
 1,4-Dichlorobenzene
 Concen: 38.710 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	41.2	32.8	49.2

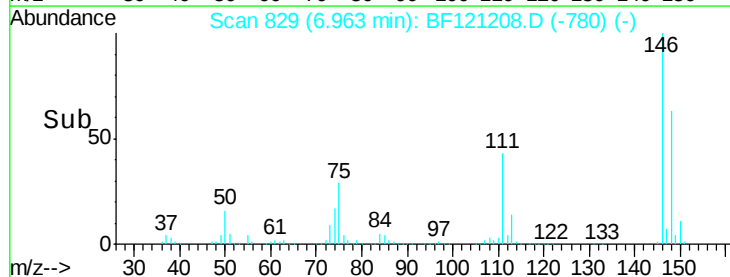
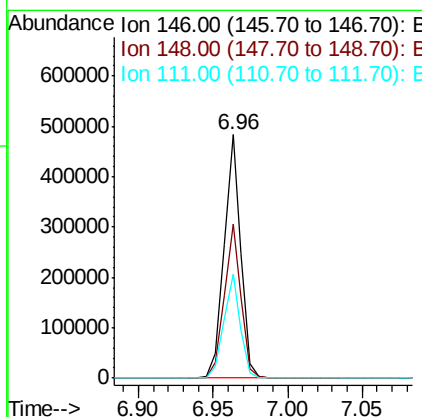
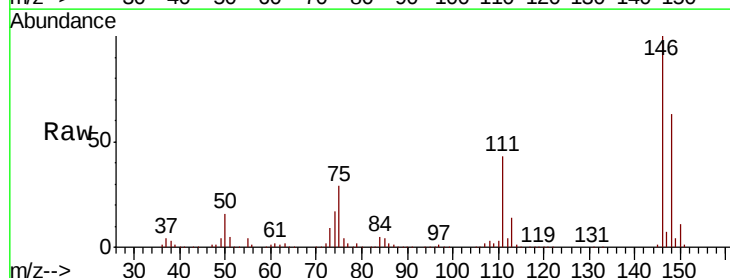
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#14
 1,2-Dichlorobenzene
 Concen: 39.353 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	42.8	35.4	53.0





#15

Benzyl Alcohol

Concen: 39.424 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

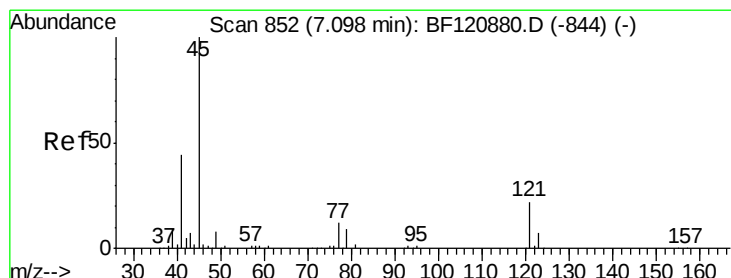
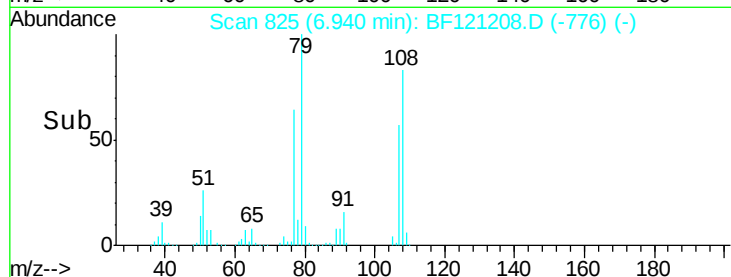
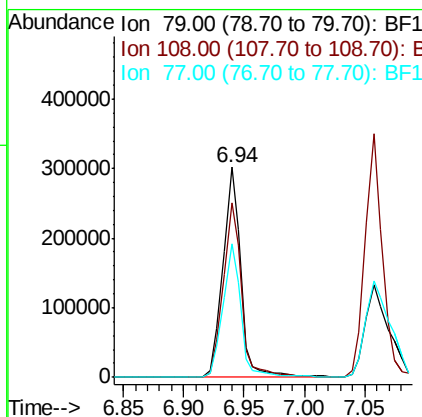
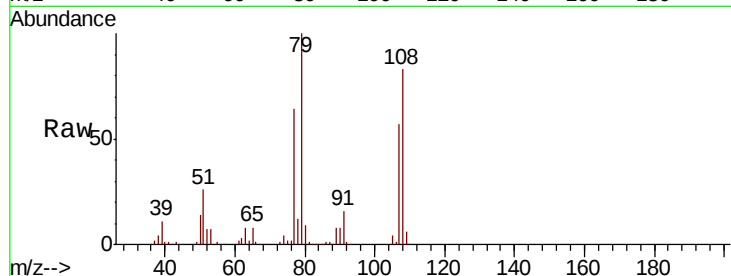
ClientSampleId :

JB-1AMS

Tot Ion:	79	Resp:	312006
Ion Ratio	Lower	Upper	
79	100		
108	83.2	68.6	103.0
77	63.7	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.263 ng

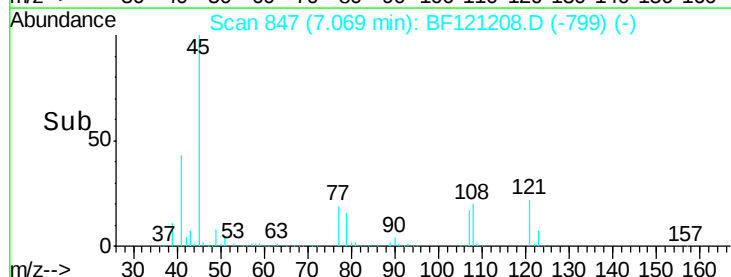
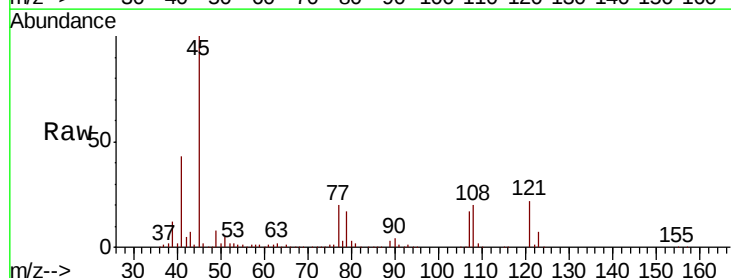
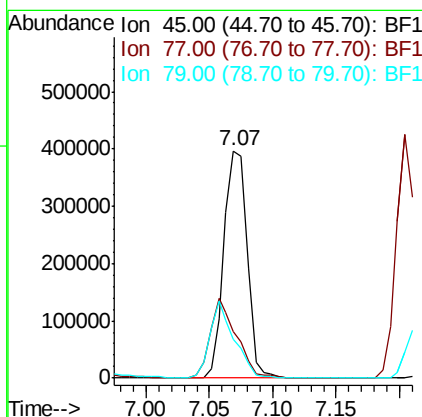
RT: 7.07 min Scan# 847

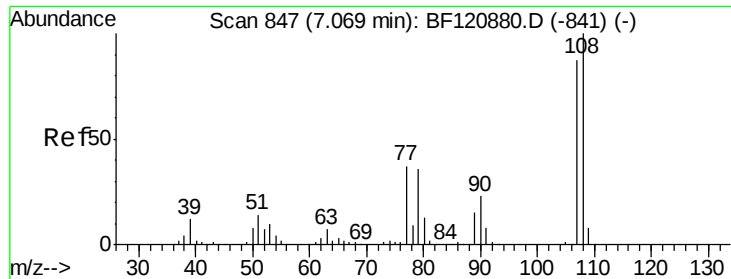
Delta R.T. -0.02 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	45	Resp:	506727
Ion Ratio	Lower	Upper	
45	100		
77	20.4	0.0	34.7
79	17.3	0.0	32.0





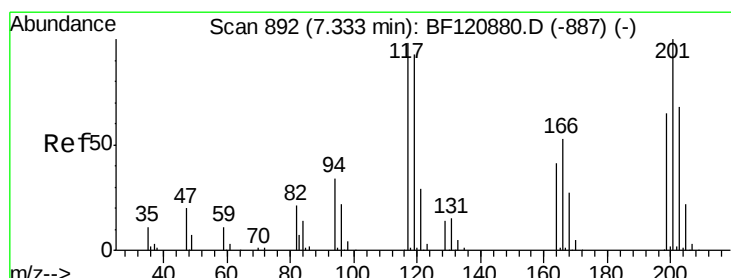
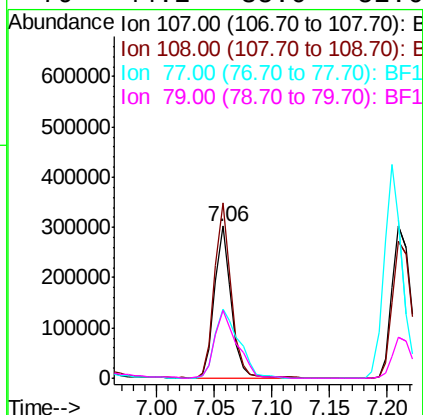
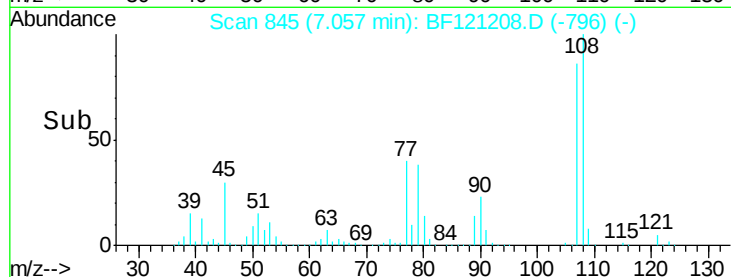
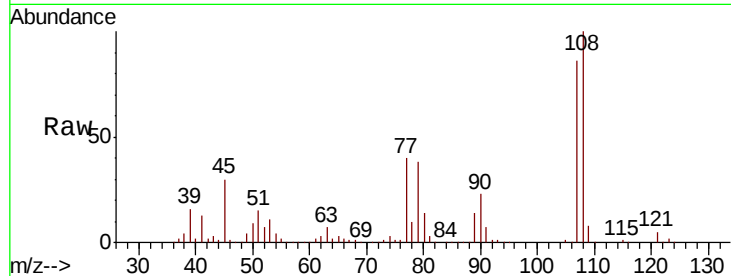
#17
2-Methylphenol
Concen: 35.807 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	91.2	136.8	
77	45.8	36.5	54.7	
79	44.2	35.0	52.6	

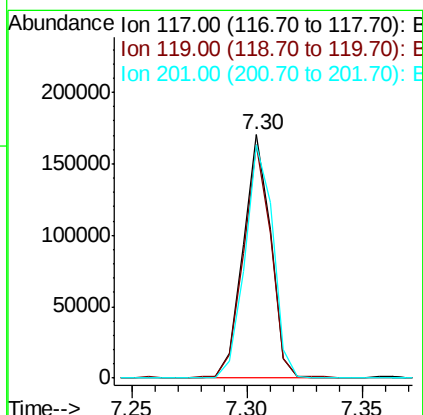
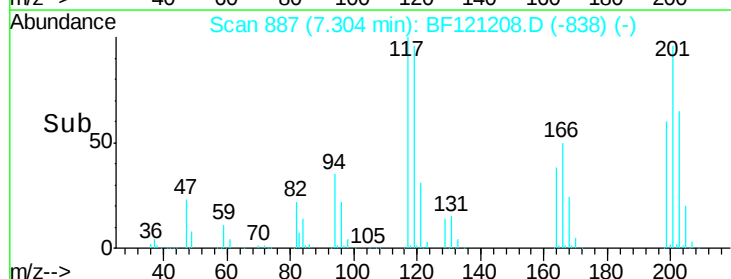
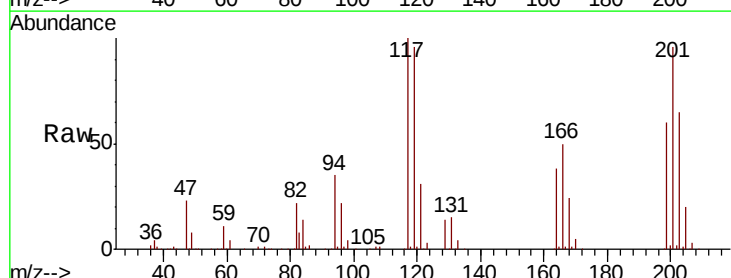
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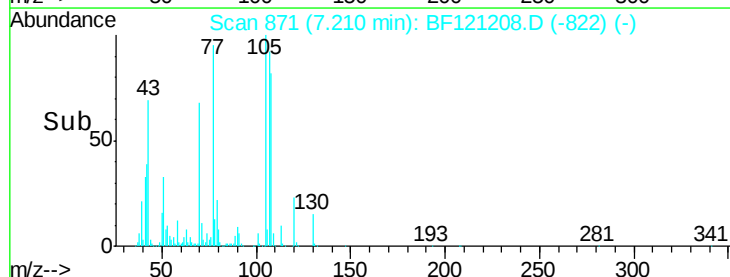
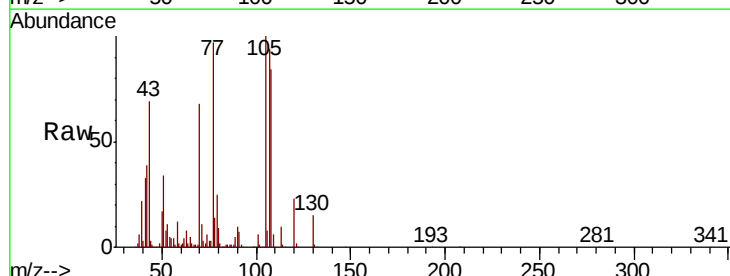
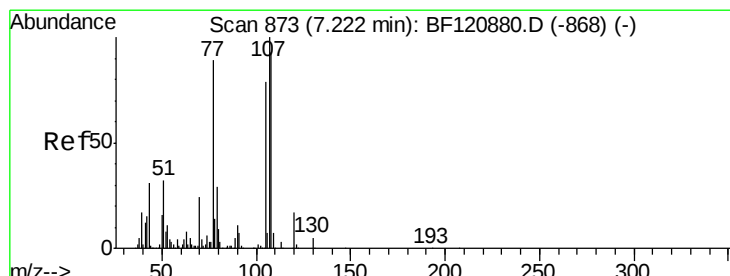
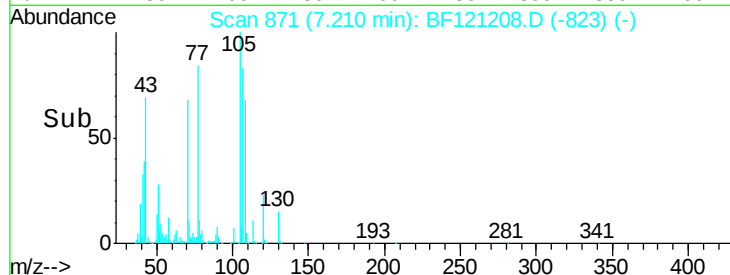
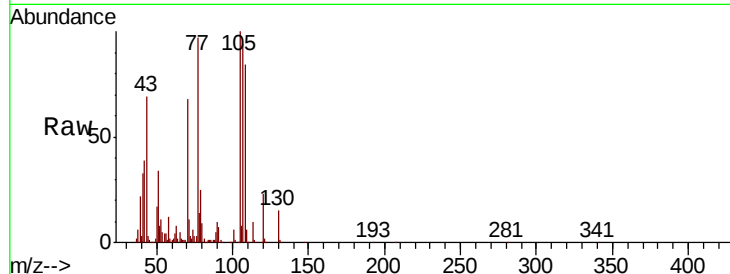
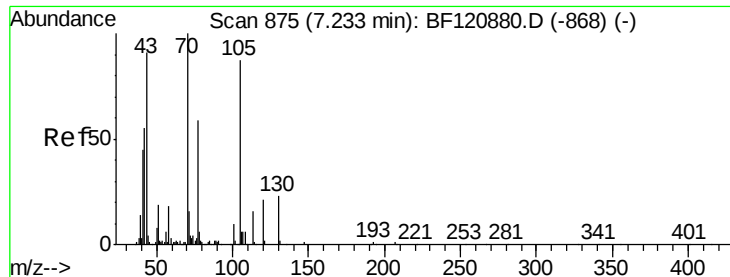
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#18
Hexachloroethane
Concen: 38.121 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

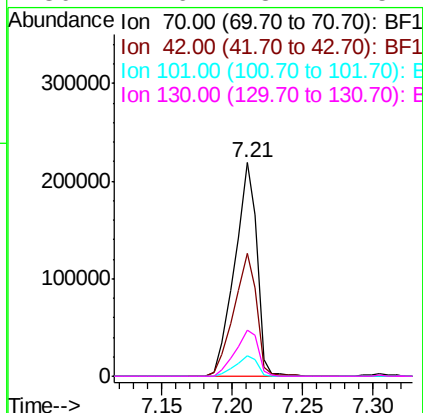
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	76.6	114.8	
201	95.7	75.0	112.4	





#19
n-Nitroso-di-n-propylamine
Concen: 37.705 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	43.3	64.9	
101	9.5	8.4	12.6	
130	21.6	18.7	28.1	



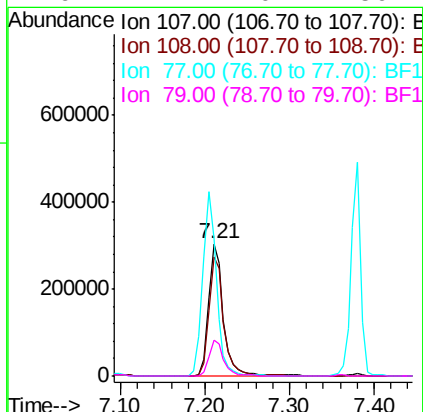
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

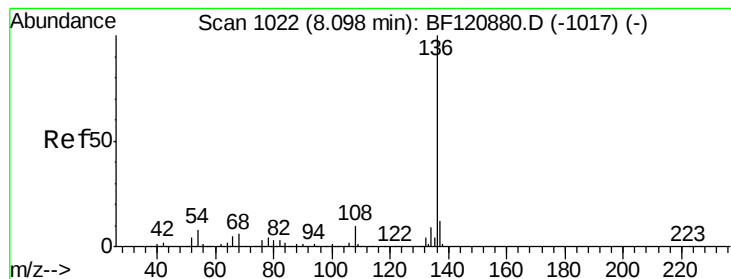
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#20
3+4-Methylphenols
Concen: 34.208 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	73.7	113.7	
77	103.6	84.9	124.9	
79	27.1	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

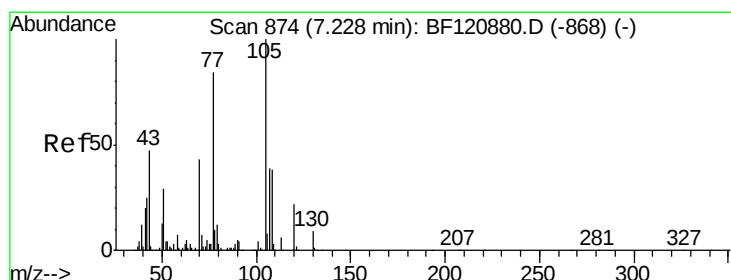
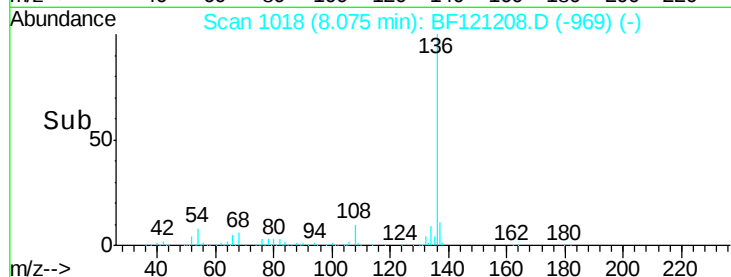
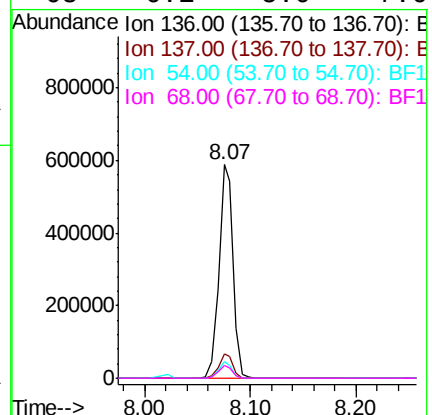
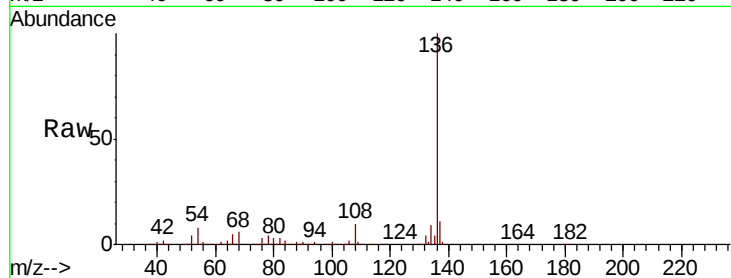
ClientSampleId :

JB-1AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		559833		
137	11.1		9.0	13.4	
54	7.8		6.1	9.1	
68	6.1		5.0	7.6	

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#22

Acetophenone

Concen: 39.624 ng

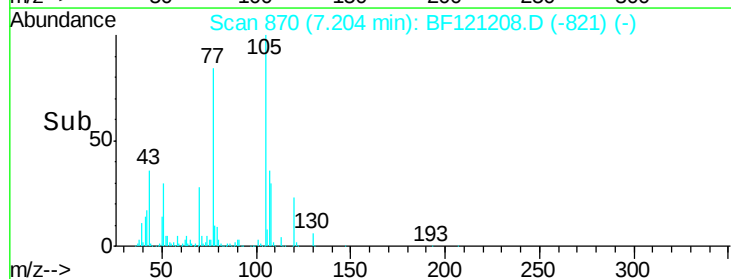
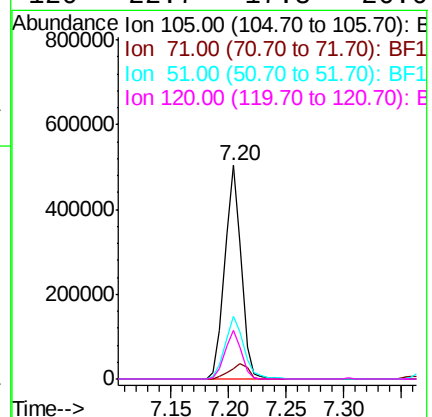
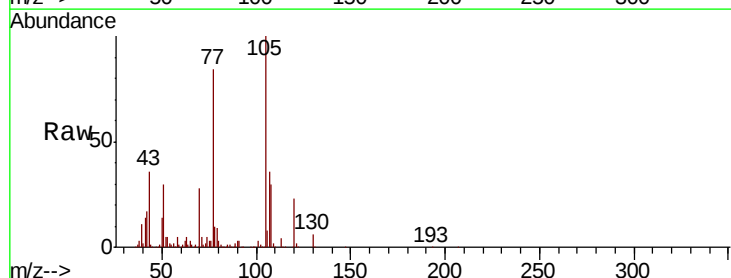
RT: 7.20 min Scan# 870

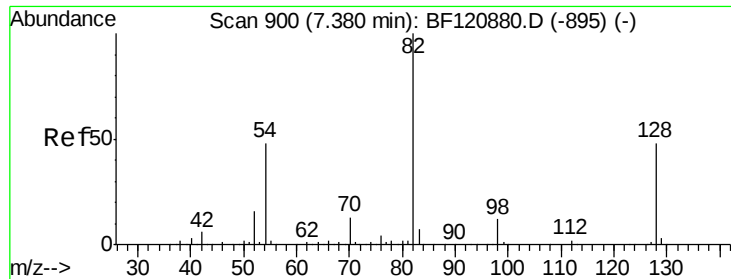
Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		497855		
71	4.9		3.8	5.8	
51	29.7		28.0	42.0	
120	22.7		17.8	26.6	





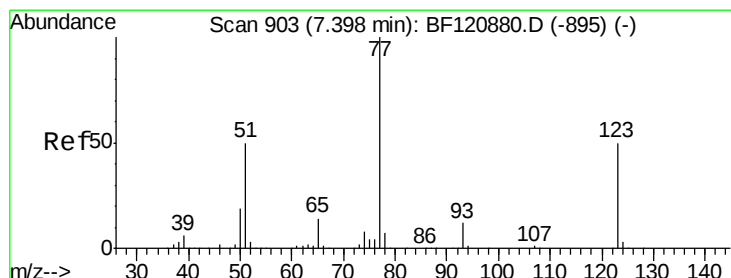
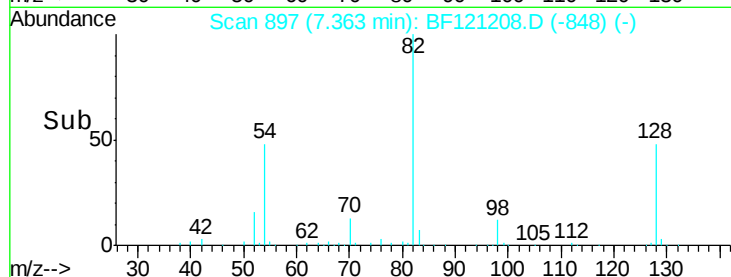
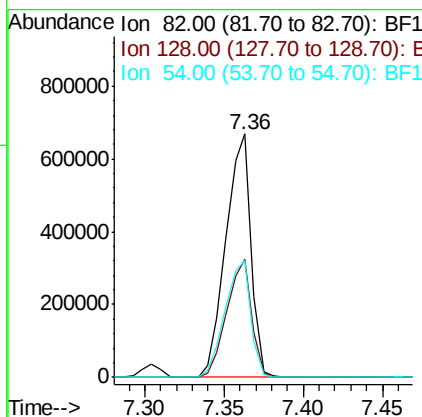
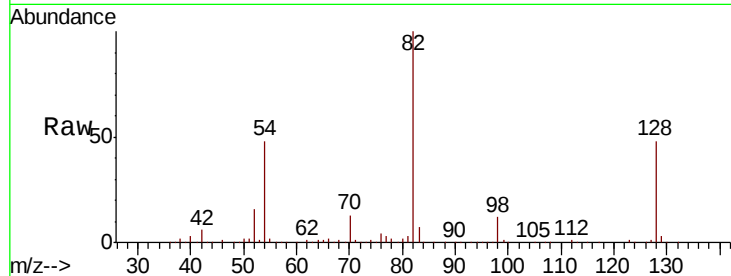
#23
 Nitrobenzene-d5
 Concen: 76.299 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	82	Resp	738199
Ion Ratio	Lower	Upper	
82	100		
128	48.3	39.2	58.8
54	48.2	37.8	56.8

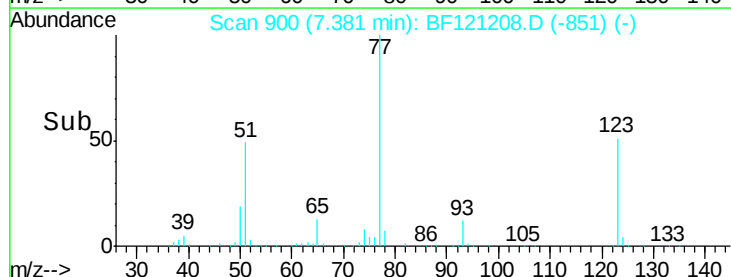
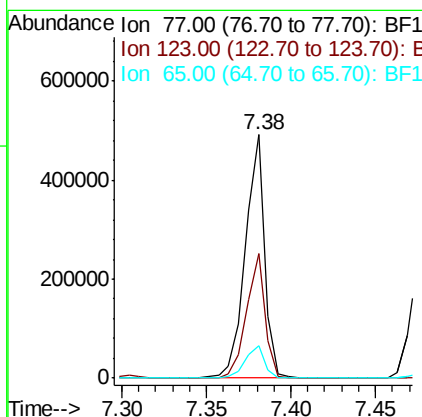
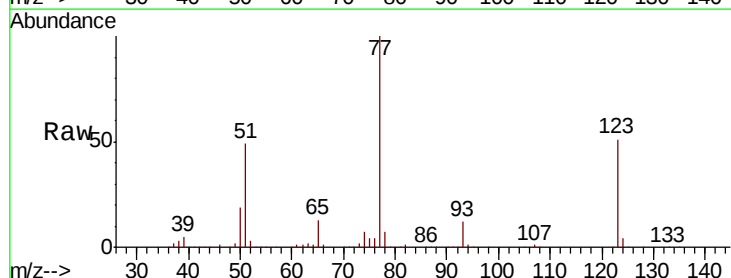
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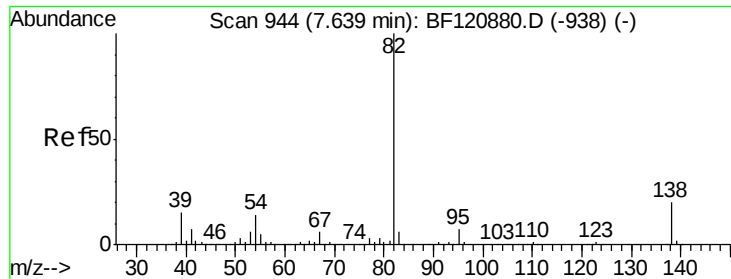
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#24
 Nitrobenzene
 Concen: 37.361 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	77	Resp	389593
Ion Ratio	Lower	Upper	
77	100		
123	50.9	41.0	61.6
65	13.3	10.3	15.5





#25

Isophorone

Concen: 36.301 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

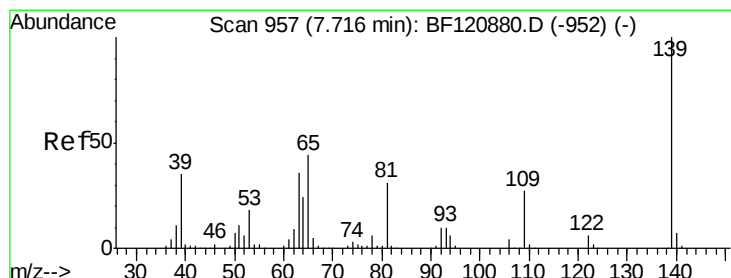
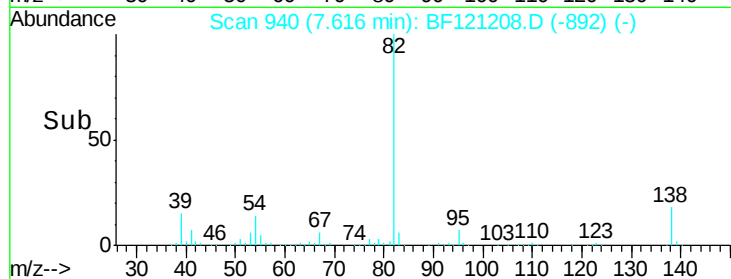
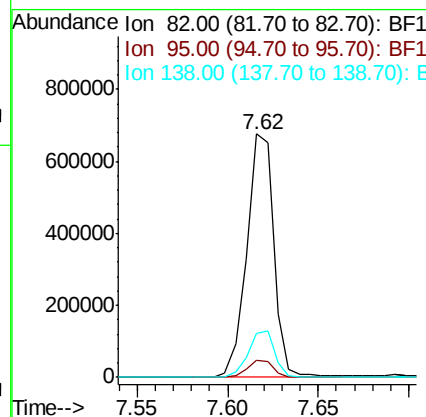
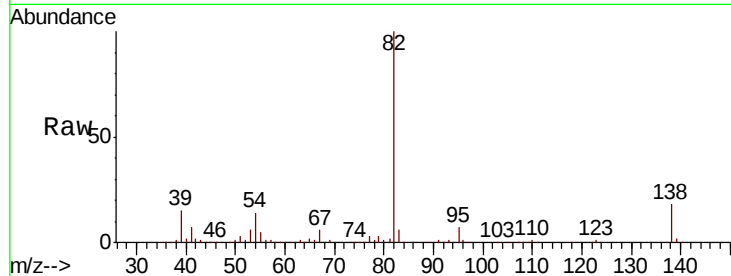
ClientSampleId :

JB-1AMS

Tot Ion:	82	Resp:	700944
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.0	16.2	24.2

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#26

2-Nitrophenol

Concen: 42.133 ng

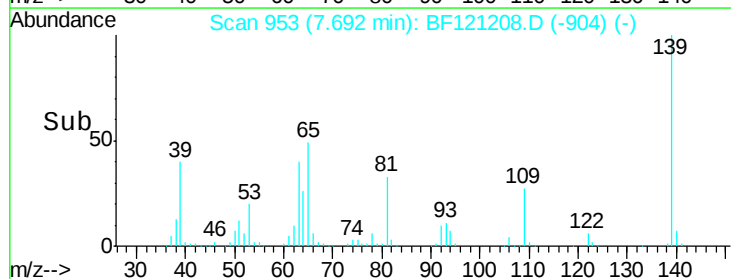
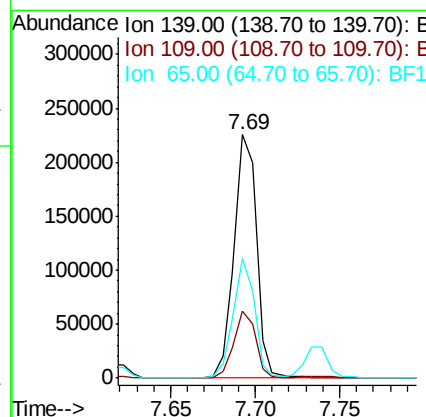
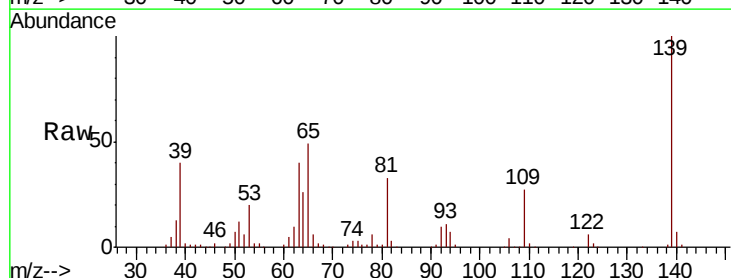
RT: 7.69 min Scan# 953

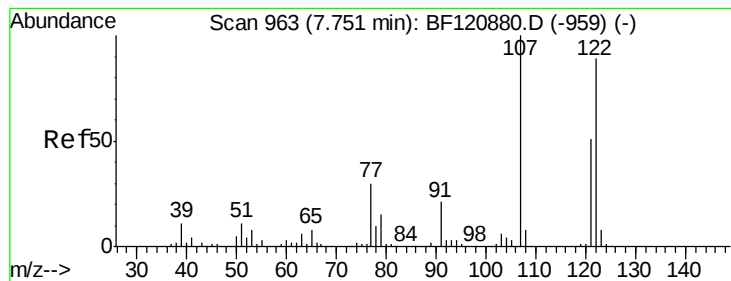
Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	139	Resp:	208666
Ion Ratio		Lower	Upper
139	100		
109	27.3	21.7	32.5
65	49.2	36.3	54.5





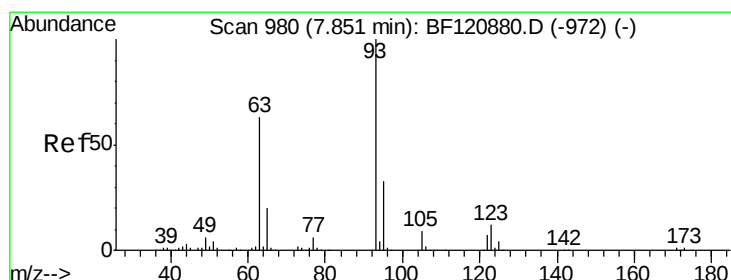
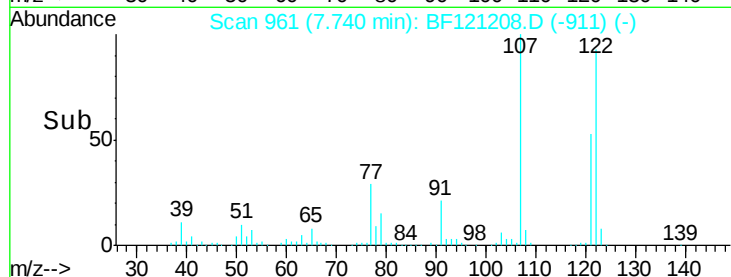
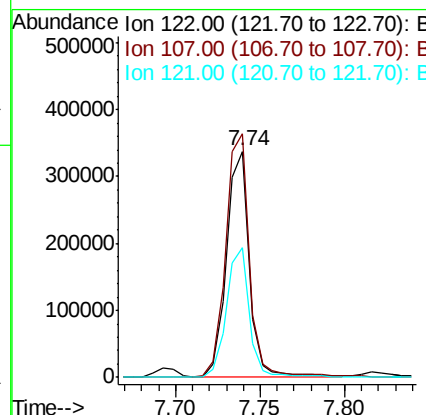
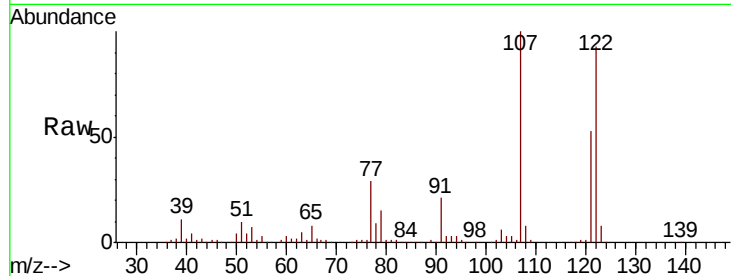
#27
 2,4-Dimethylphenol
 Concen: 39.677 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
319044	122	100			
	107	107.8		87.1	130.7
	121	57.5		45.5	68.3

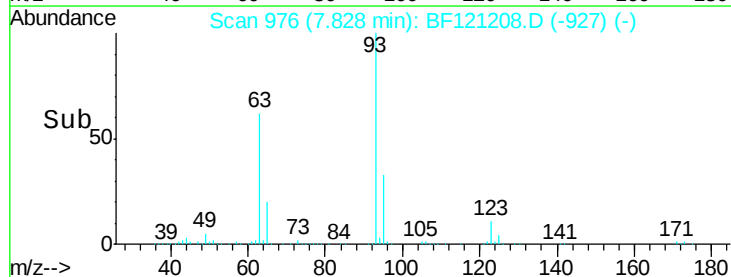
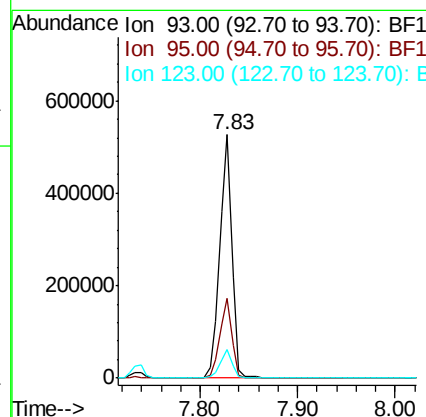
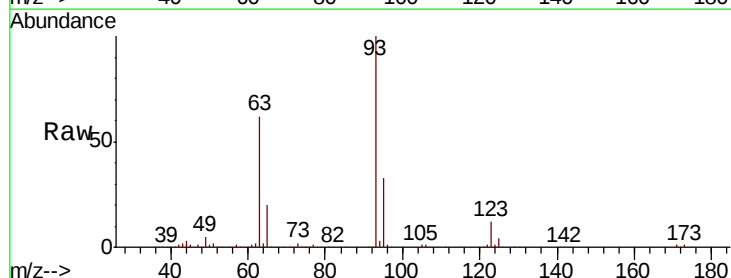
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.685 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
455974	93	100			
	95	32.8		26.2	39.4
	123	11.7		9.5	14.3





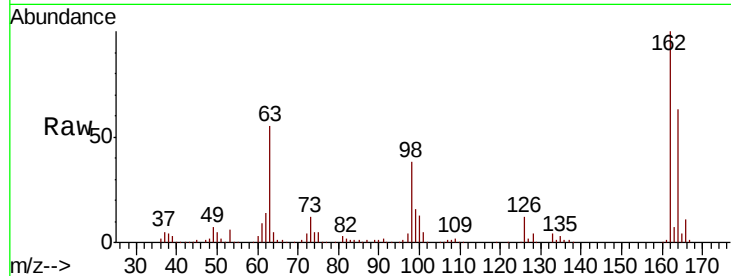
#29
2,4-Dichlorophenol
Concen: 39.540 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324888		
164	63.2	44.7	84.7	
98	38.2	14.2	54.2	

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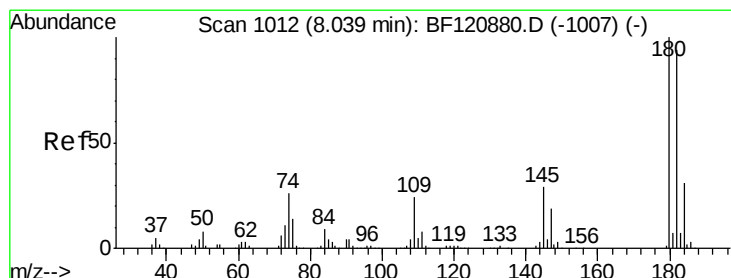
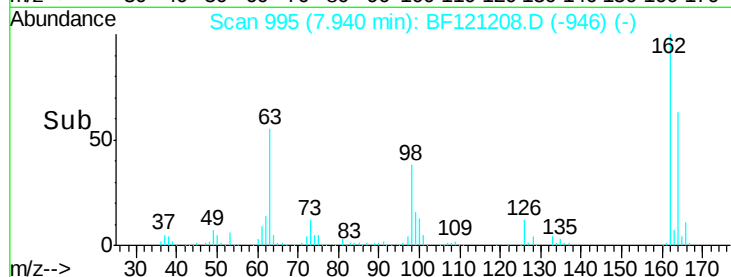
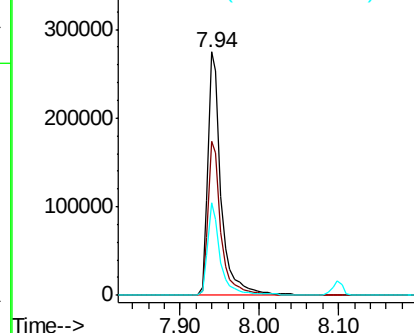


Abundance

Ion 162.00 (161.70 to 162.70): E

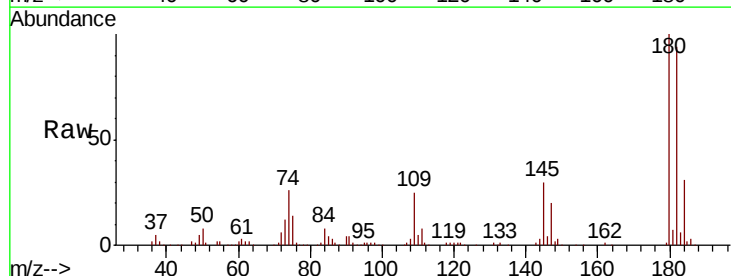
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.066 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337899		
182	94.5	76.4	114.6	
145	30.4	24.2	36.4	

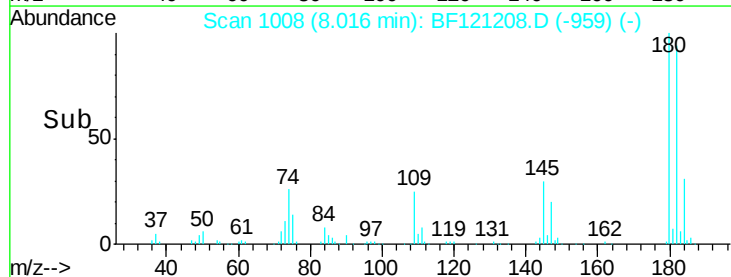
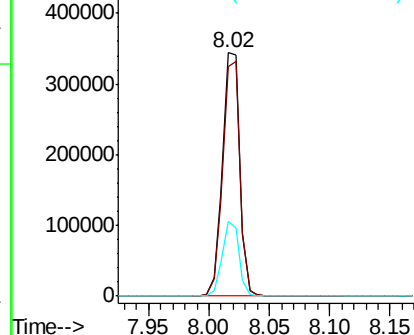


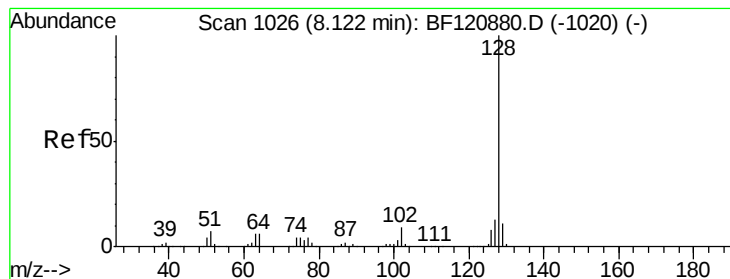
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.288 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampleId :

JB-1AMS

Tot Ion:128 Resp: 1099498

Ion Ratio Lower Upper

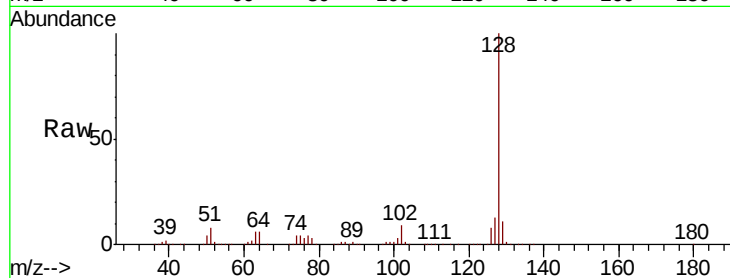
128 100

129 11.5 9.3 13.9

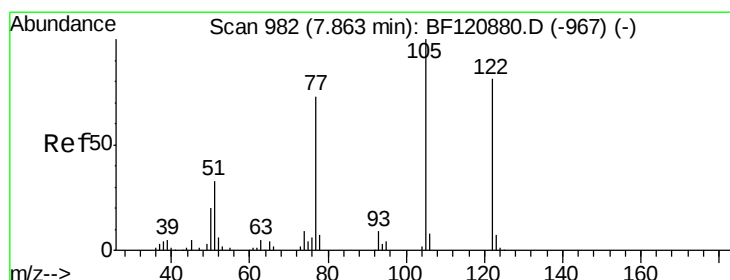
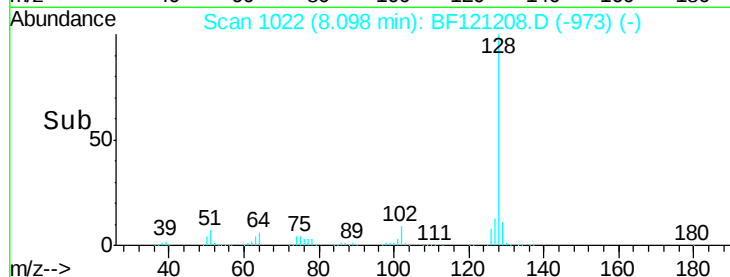
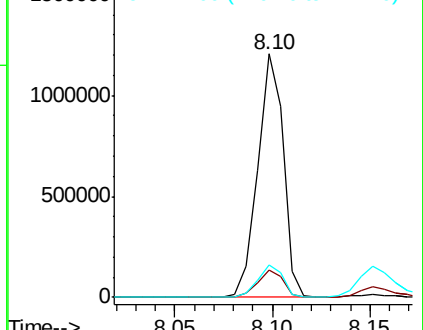
127 13.4 10.8 16.2

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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: 2.750 ng m

RT: 7.82 min Scan# 974

Delta R.T. -0.06 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

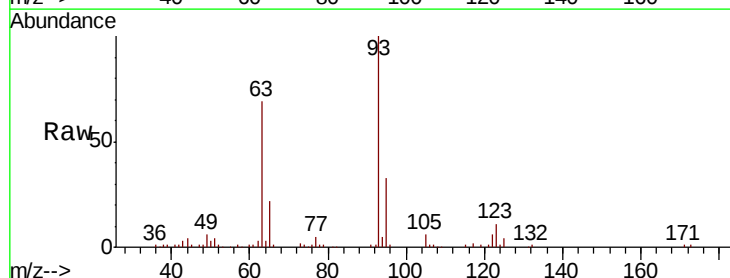
Tgt Ion:122 Resp: 16602

Ion Ratio Lower Upper

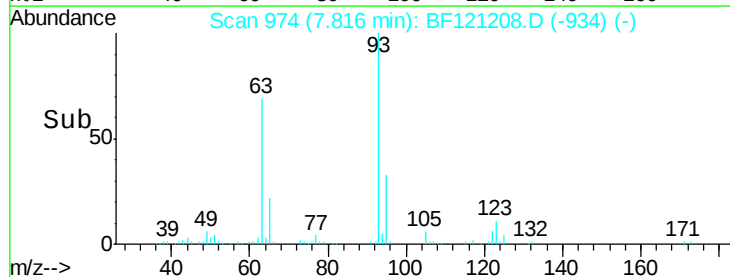
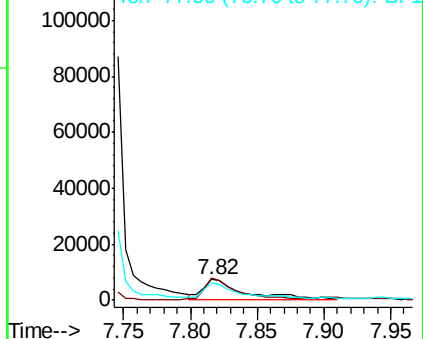
122 100

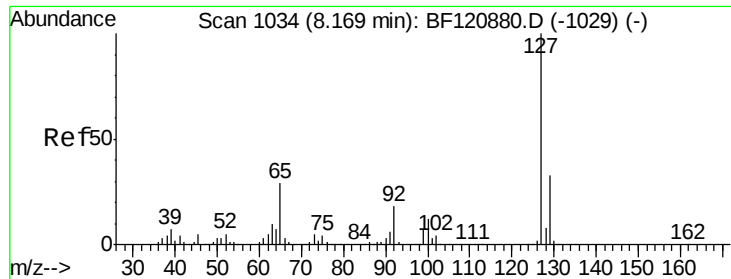
105 105.8 100.9 140.9

77 85.6 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





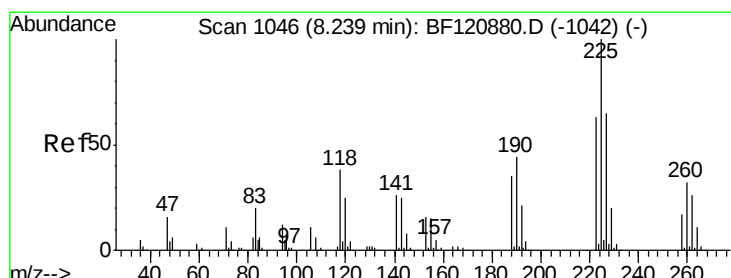
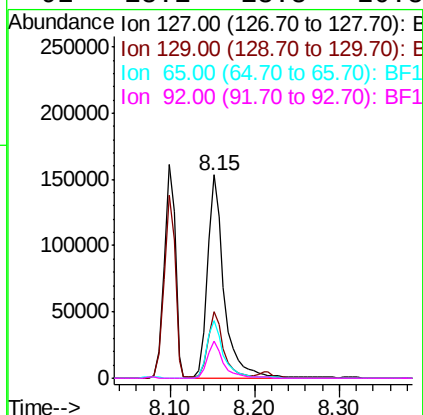
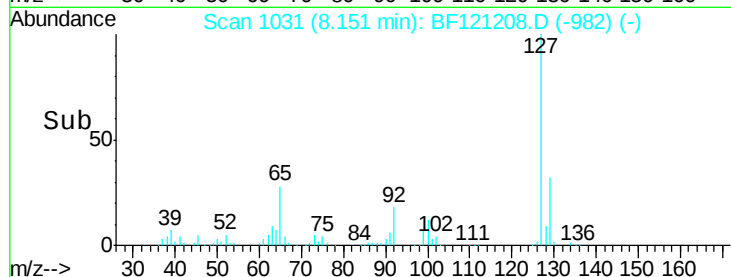
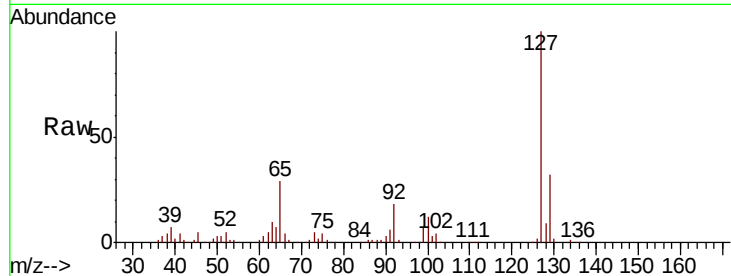
#33
4-Chloroaniline
Concen: 16.422 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleID :
JB-1AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	28.5	21.4	32.0		
92	18.1	13.8	20.8		

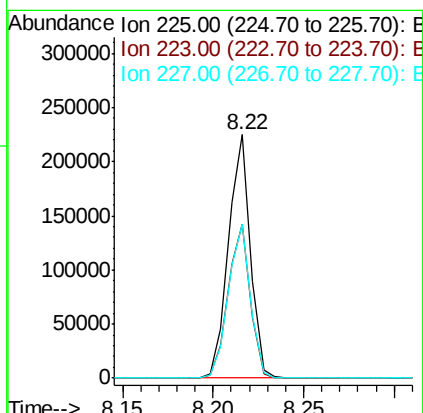
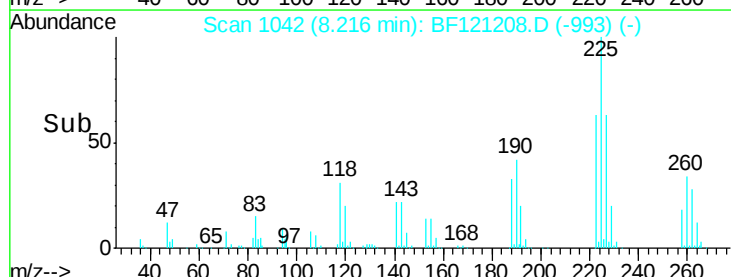
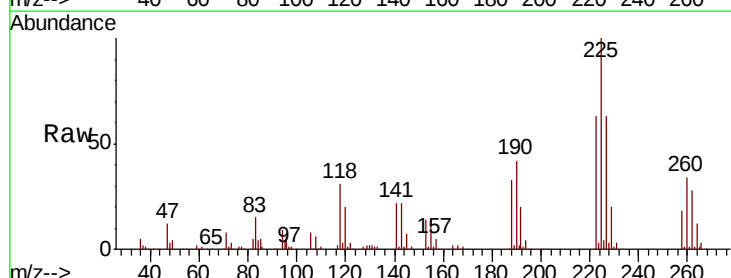
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 35.374 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.7	74.5		
227	63.1	51.4	77.0		





#35

Caprolactam

Concen: 37.422 ng/ml

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampleId :

JB-1AMS

Tot Ion:113 Resp: 98605

Ion Ratio Lower Upper

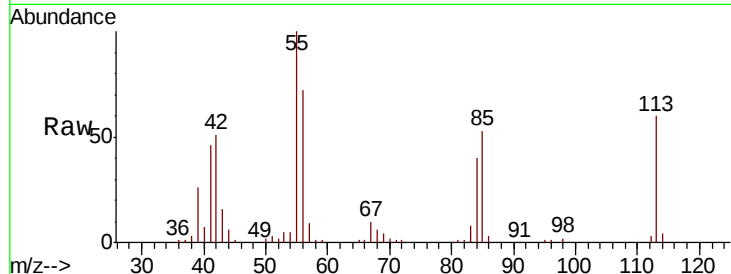
113 100

55 168.0 131.0 171.0

56 120.8 90.4 130.4

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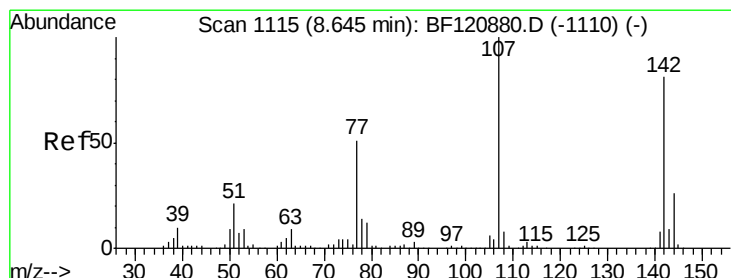
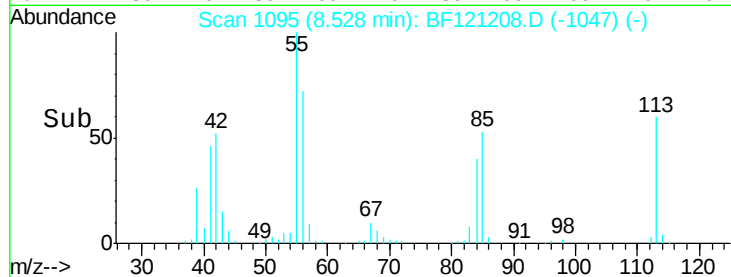
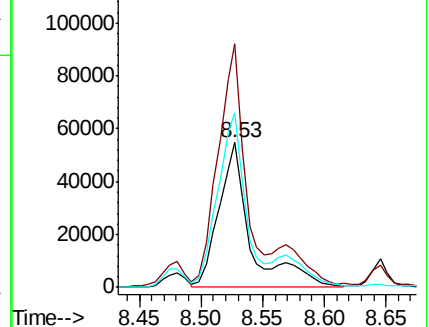
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.117 ng/ml

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

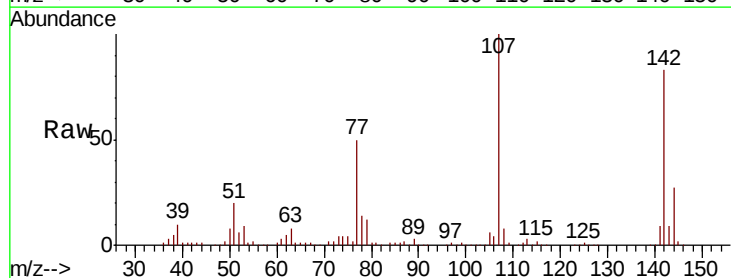
Tgt Ion:107 Resp: 329638

Ion Ratio Lower Upper

107 100

144 26.7 20.9 31.3

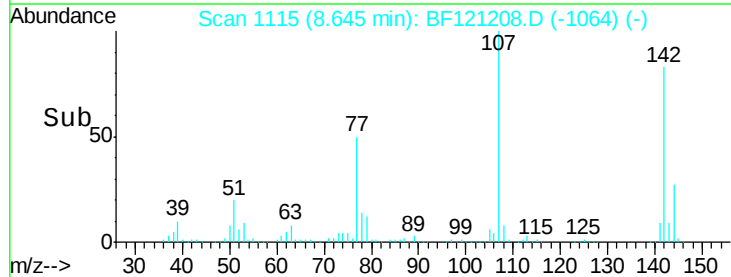
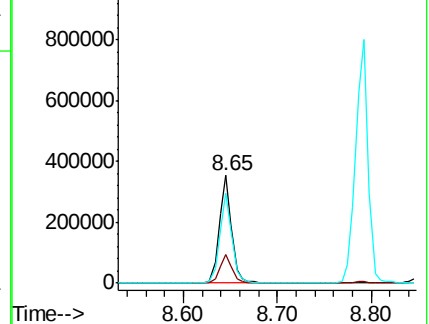
142 83.0 64.5 96.7

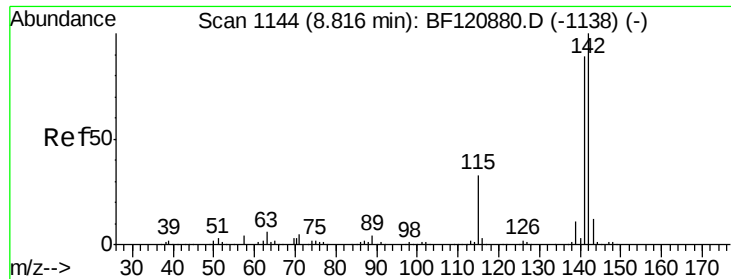


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





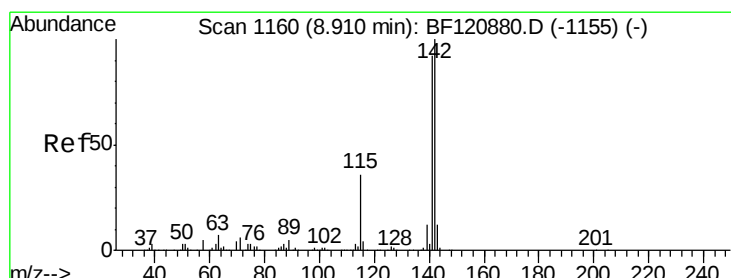
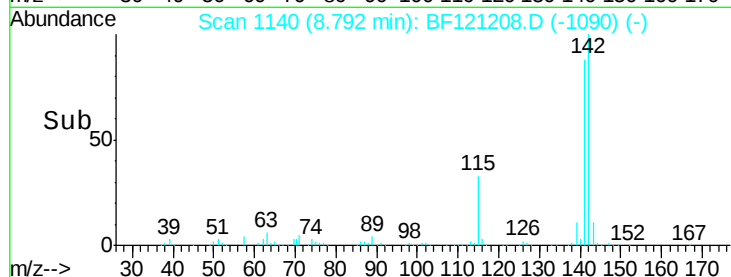
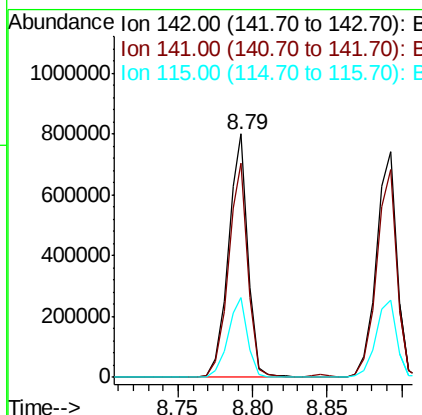
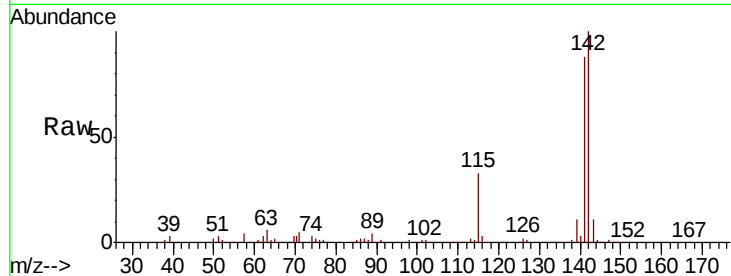
#37
2-Methylnaphthalene
Concen: 39.773 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	741599		
141	87.8		70.6	105.8
115	32.6		27.1	40.7

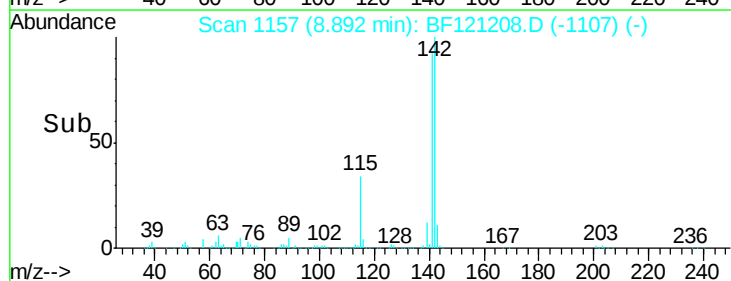
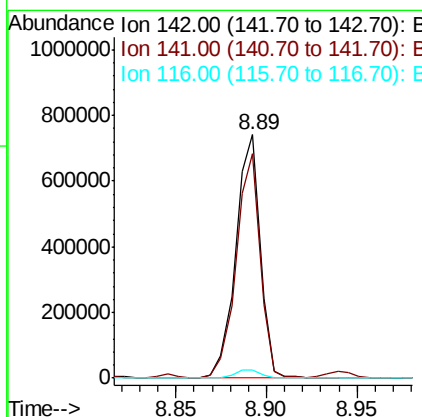
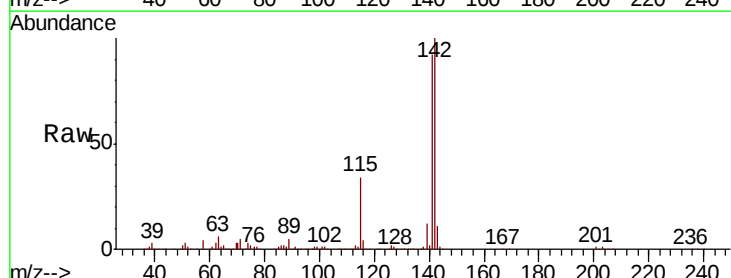
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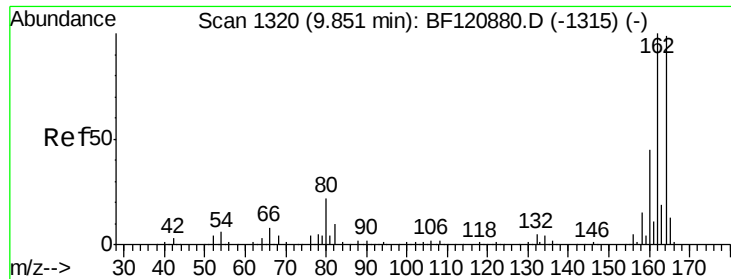
mohammad
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#38
1-Methylnaphthalene
Concen: 39.387 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	695553		
141	92.1		73.0	109.6
116	3.6		3.0	4.6





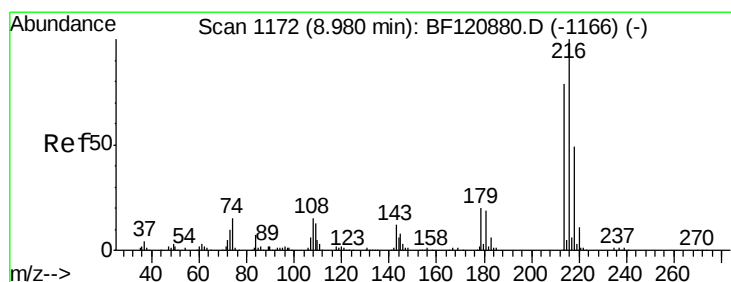
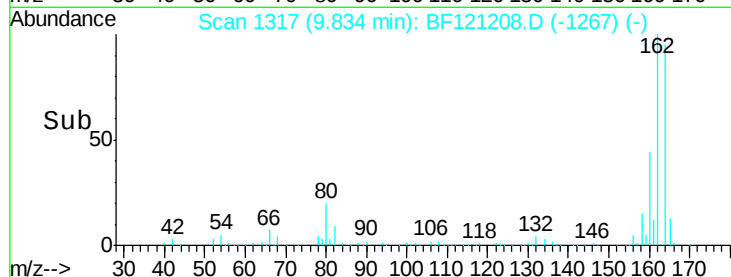
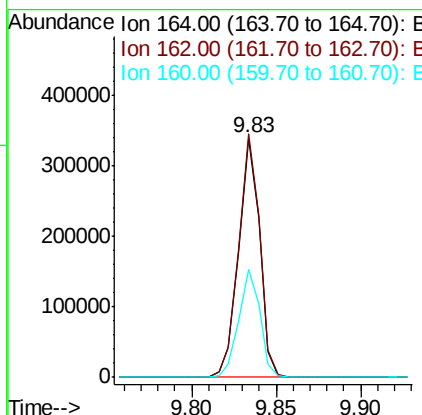
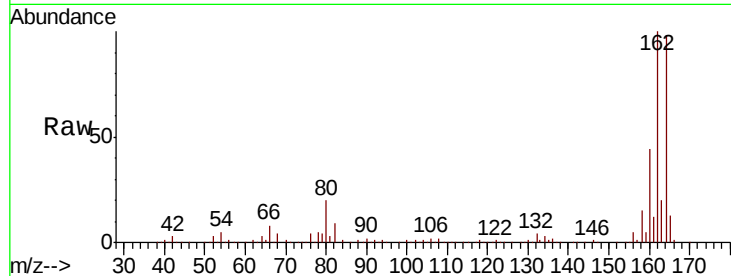
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	293976		
162	101.9	82.2	123.2	
160	45.1	37.2	55.8	

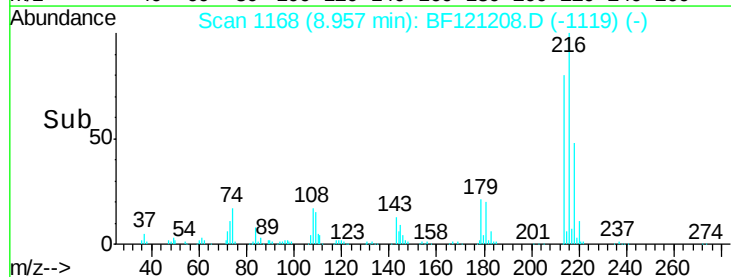
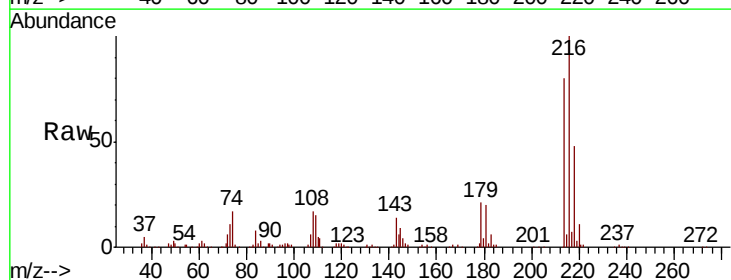
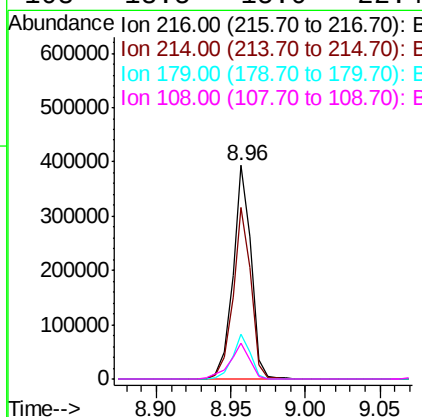
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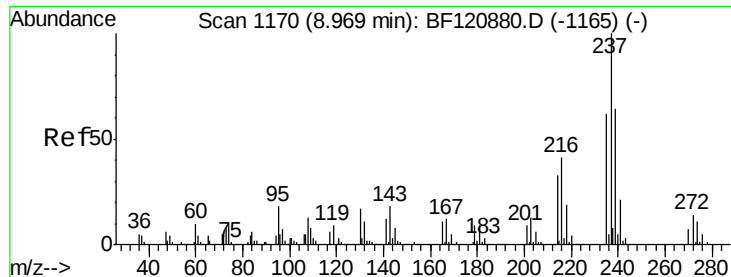
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.187 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	335647		
214	79.4	63.9	95.9	
179	20.7	16.6	24.8	
108	18.5	15.0	22.4	





#41

Hexachlorocyclopentadiene

Concen: 34.734 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

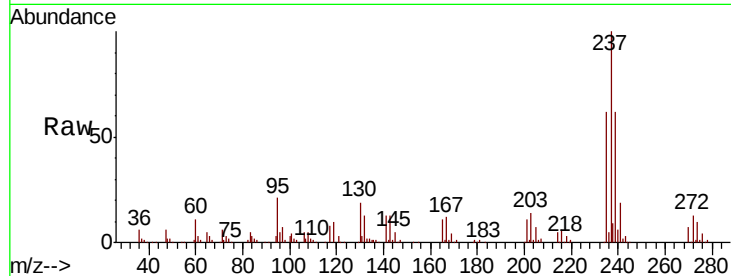
ClientSampleId :

JB-1AMS

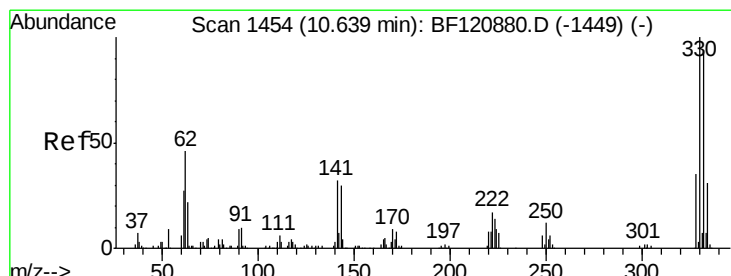
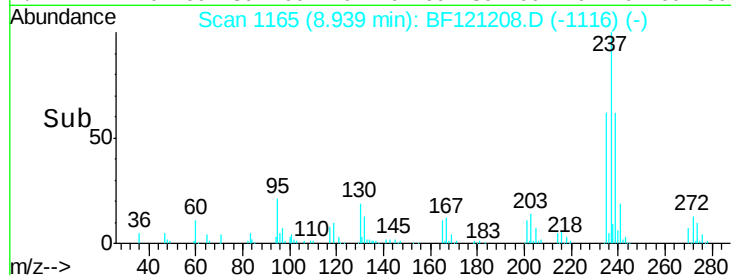
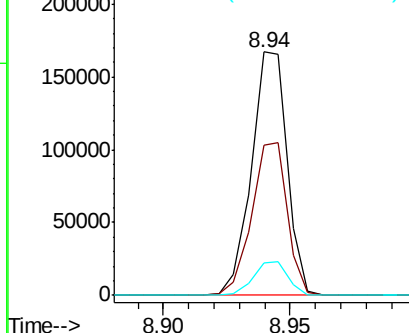
Tot Ion:	237	Resp:	164424
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.2	83.2
272	13.1	0.0	33.6

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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: 98.176 ng

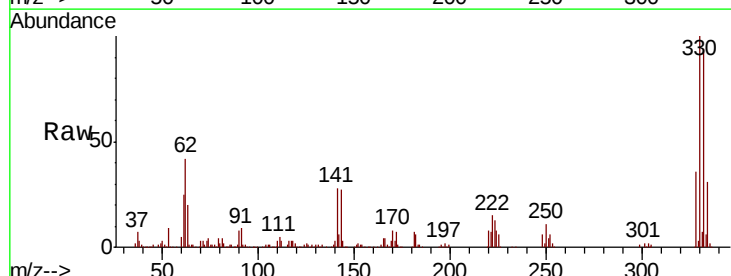
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

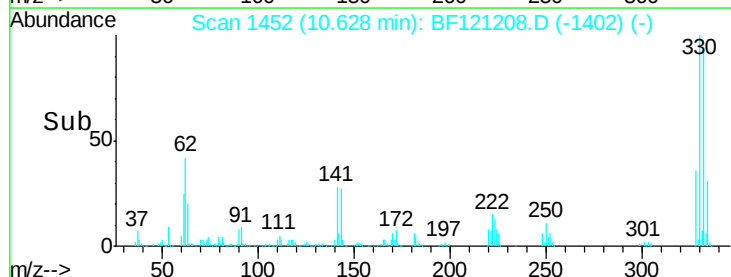
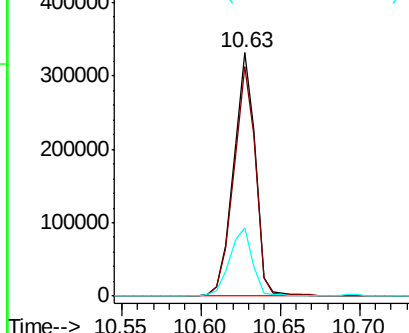
Lab File: BF121208.D

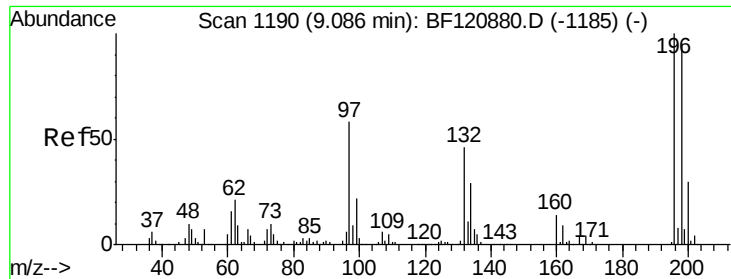
Acq: 6 Aug 2020 18:12

Tgt Ion:	330	Resp:	315916
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.1	114.1
141	29.4	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





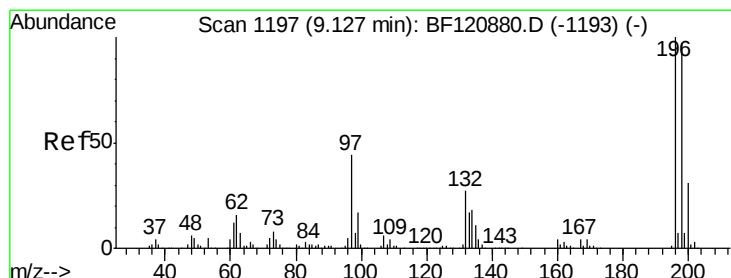
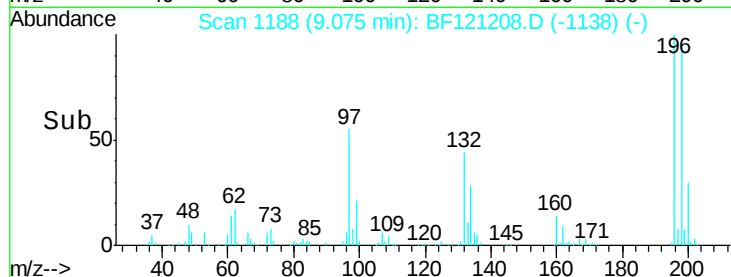
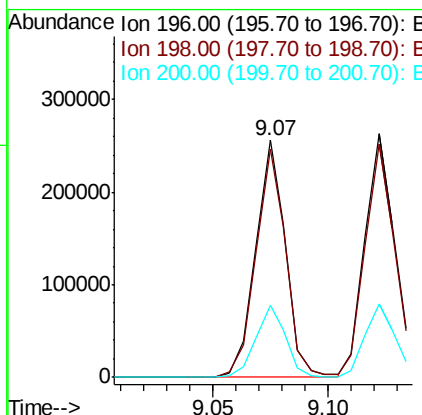
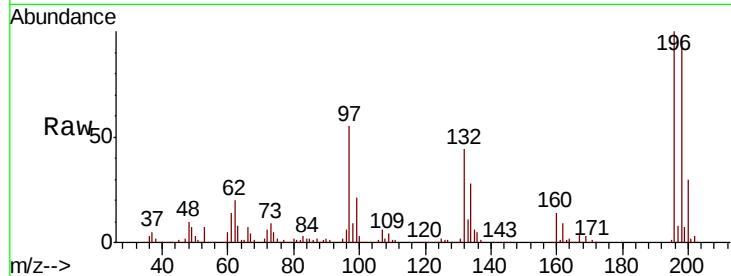
#43
 2,4,6-Trichlorophenol
 Concen: 38.327 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	231135		
198	96.6	77.5	116.3	
200	30.2	24.6	37.0	

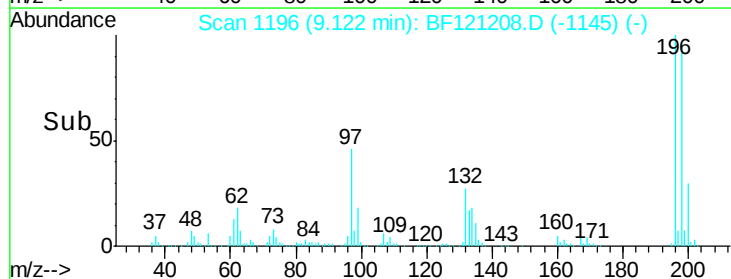
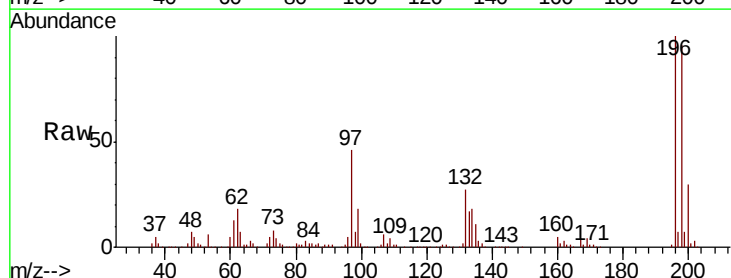
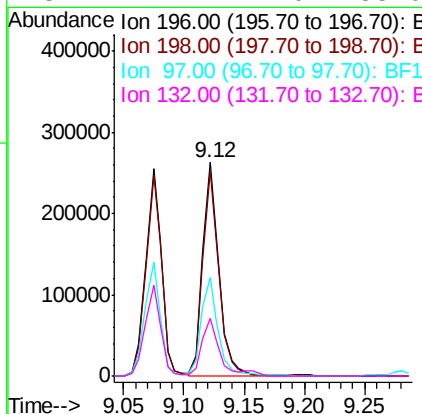
Manual Integrations
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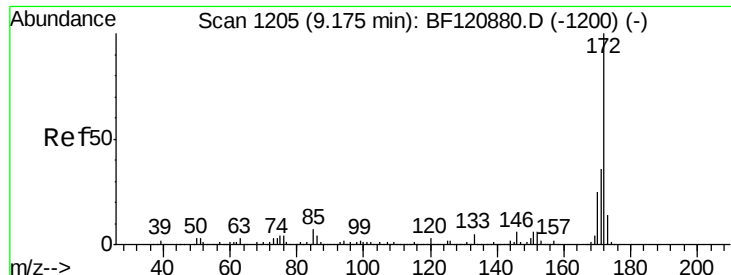
mohammad
 8/7/2020 1:50:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.110 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247019		
198	95.7	76.2	114.4	
97	46.1	37.3	55.9	
132	27.1	22.0	33.0	





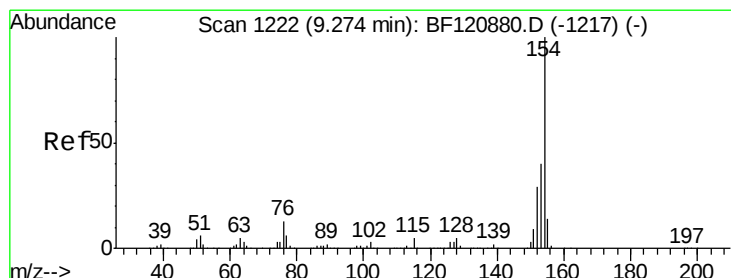
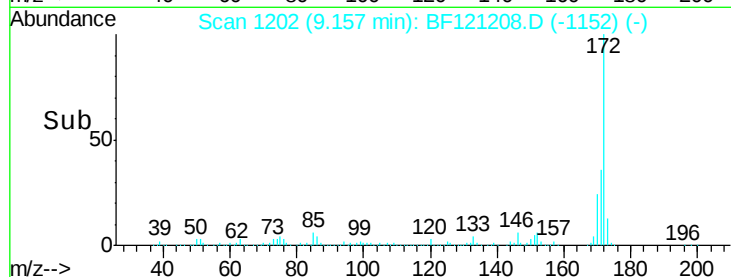
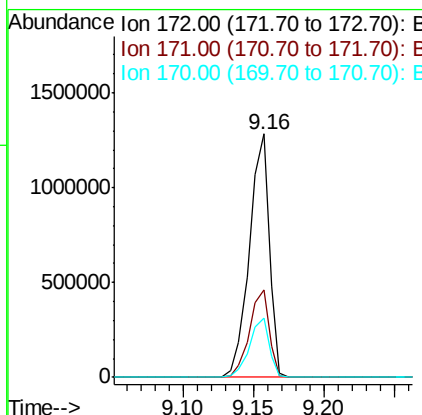
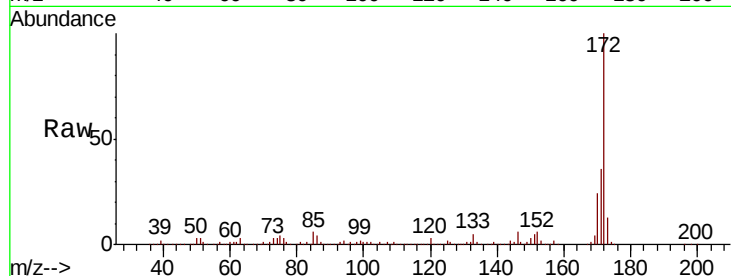
#45
 2-Fluorobiphenyl
 Concen: 64.880 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.1	19.6	29.4

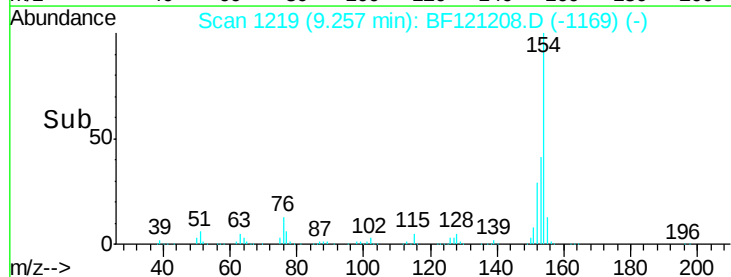
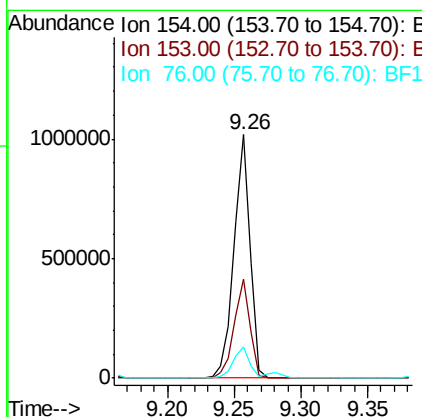
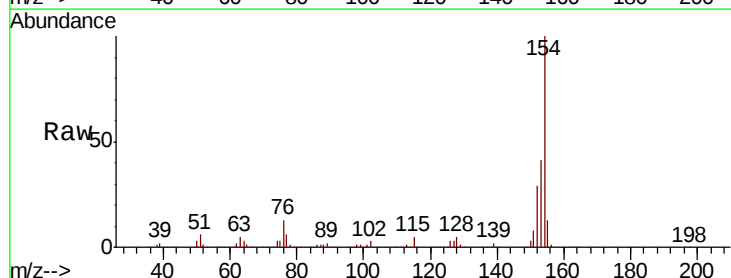
Manual Integrations
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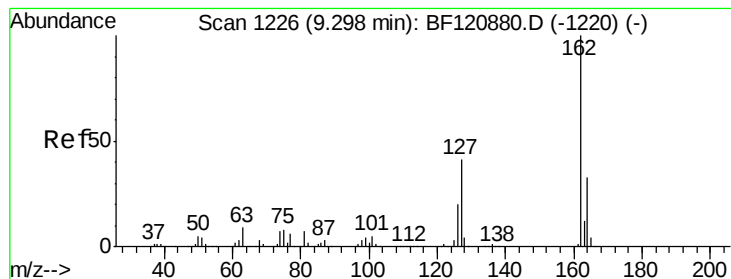
mohammad
 8/7/2020 1:50:56 PM



#46
 1,1'-Biphenyl
 Concen: 38.852 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.6	0.0	33.4





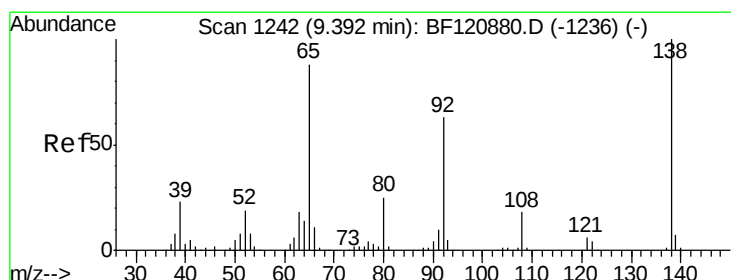
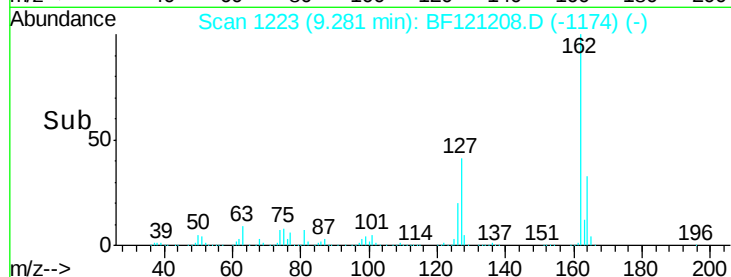
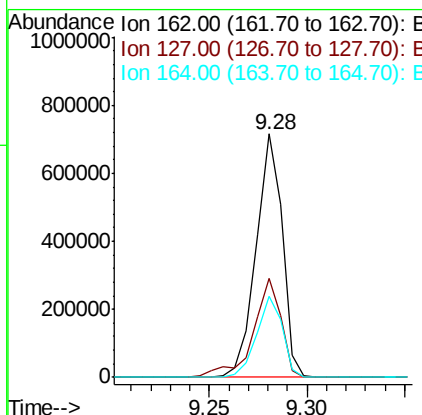
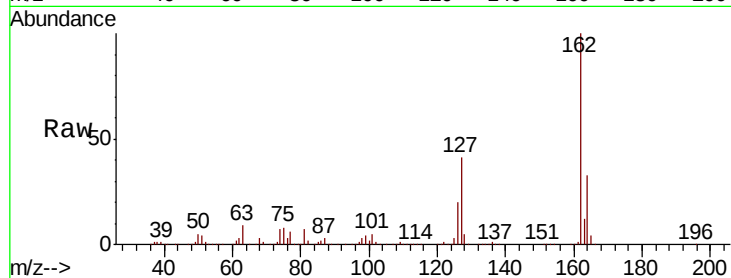
#47
 2-Chloronaphthalene
 Concen: 36.422 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion:	162	Resp:	665887
Ion Ratio	Lower	Upper	
162	100		
127	40.6	31.1	46.7
164	33.4	26.6	40.0

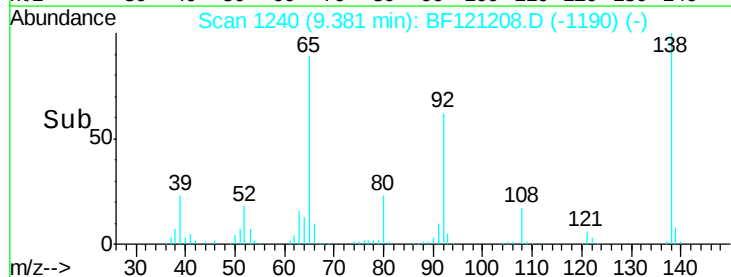
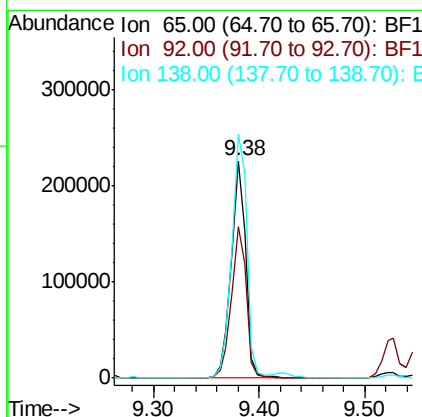
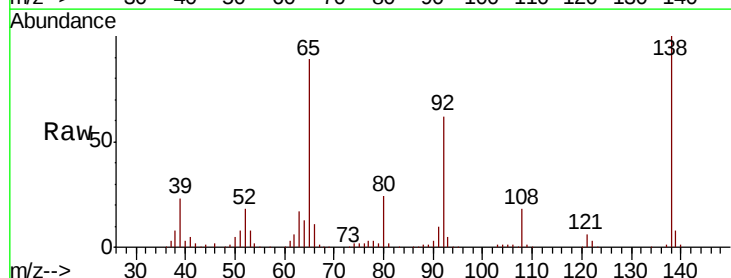
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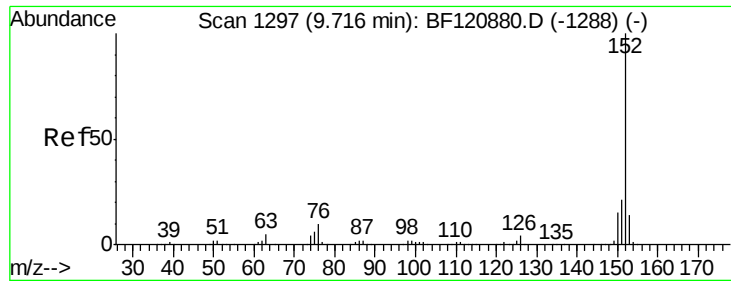
mohammad
 8/7/2020 1:50:56 PM



#48
 2-Nitroaniline
 Concen: 38.958 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion:	65	Resp:	215251
Ion Ratio	Lower	Upper	
65	100		
92	69.9	58.0	87.0
138	112.1	93.3	139.9





#49

Acenaphthylene

Concen: 38.602 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampleId :

JB-1AMS

Tot Ion:152 Resp: 1096413

Ion Ratio Lower Upper

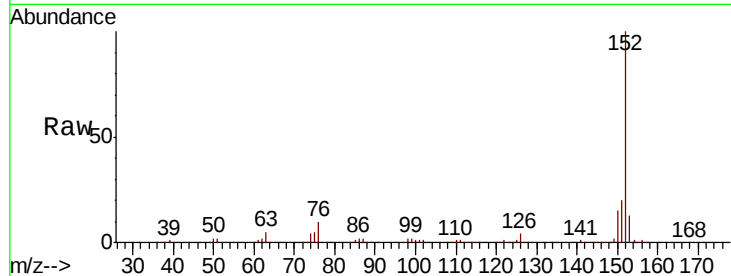
152 100

151 20.4 16.6 25.0

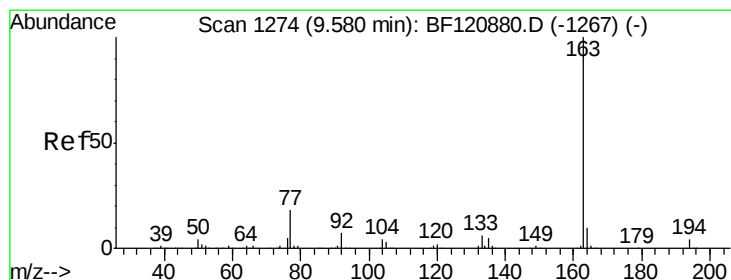
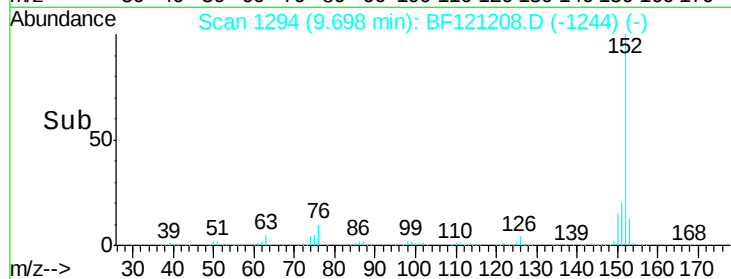
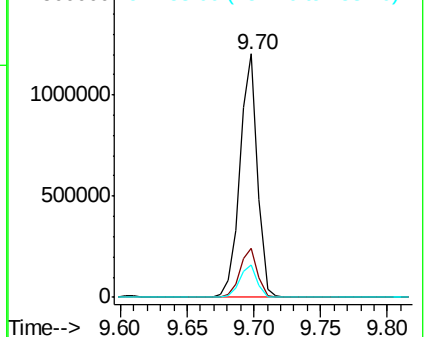
153 13.3 11.0 16.4

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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: 47.943 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

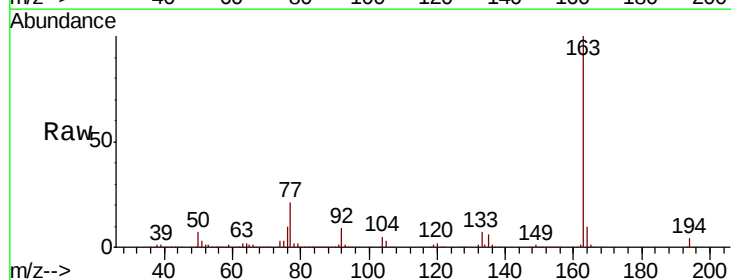
Tgt Ion:163 Resp: 1016803

Ion Ratio Lower Upper

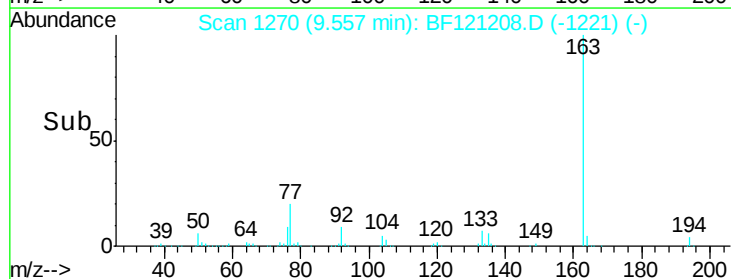
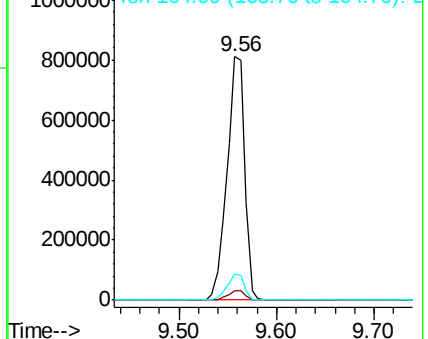
163 100

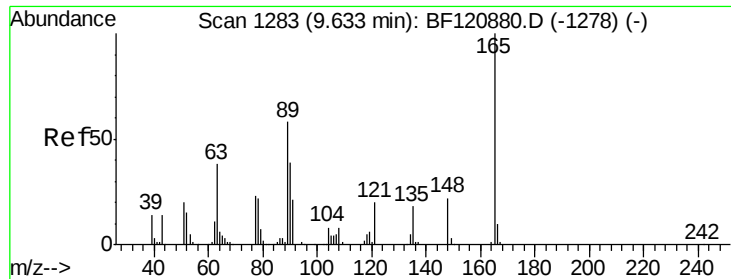
194 3.8 3.0 4.4

164 10.5 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





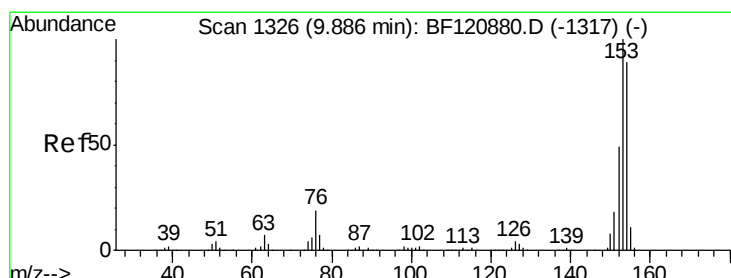
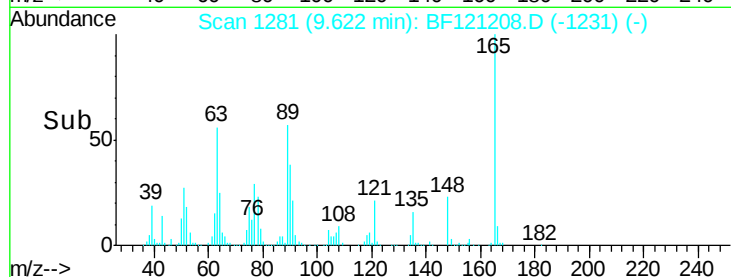
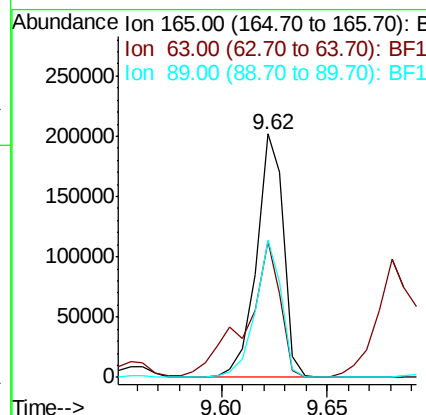
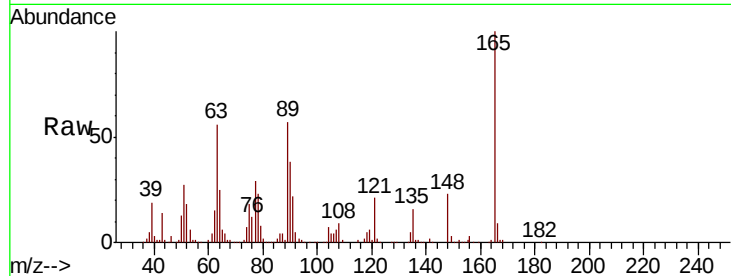
#51
2,6-Dinitrotoluene
Concen: 39.489 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampled :
JB-1AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		179930		
63	56.0	41.1	61.7		
89	56.6	43.5	65.3		

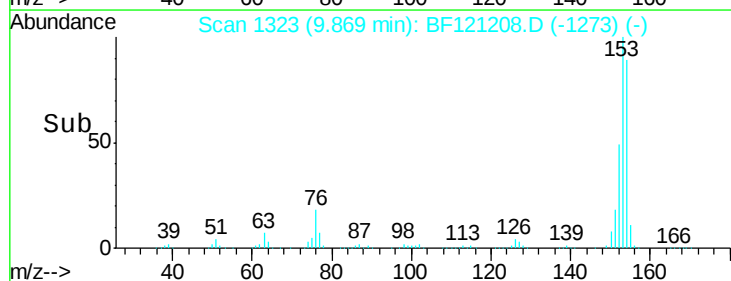
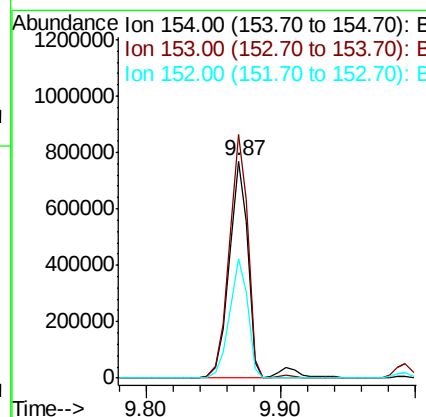
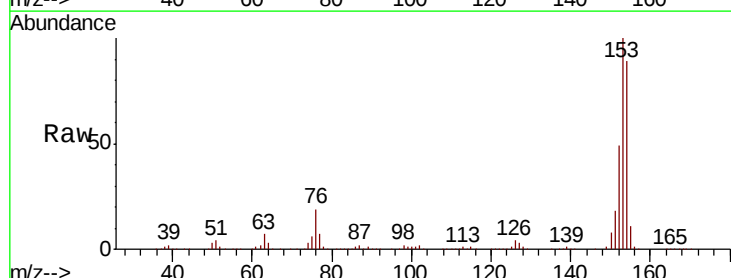
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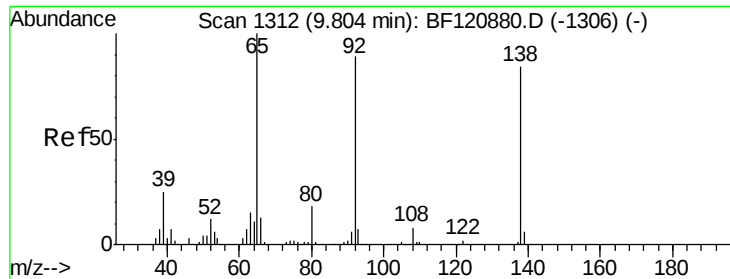
mohammad
8/7/2020 1:50:56 PM



#52
Acenaphthene
Concen: 43.194 ng m
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		779976		
153	112.1	89.6	134.4		
152	54.7	43.8	65.6		





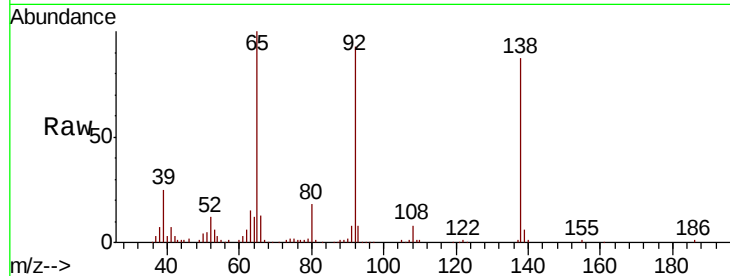
#53
3-Nitroaniline
Concen: 22.478 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

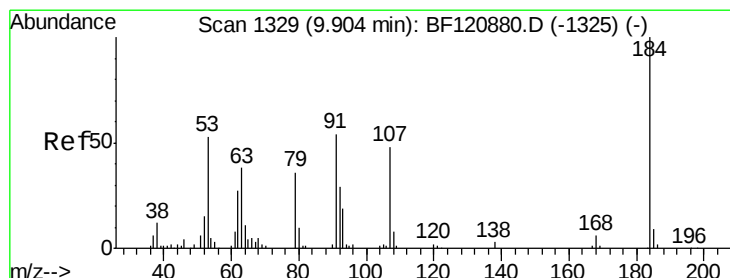
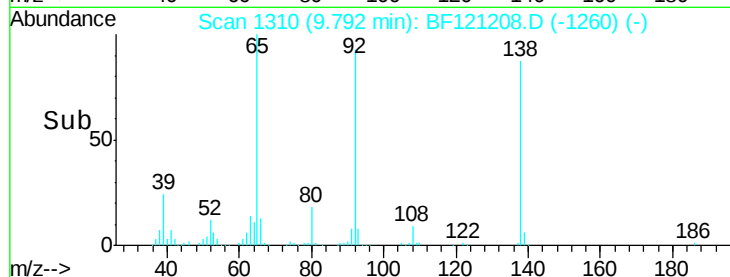
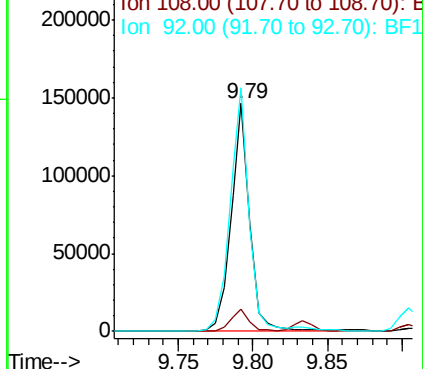
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	106.9	85.0	127.4

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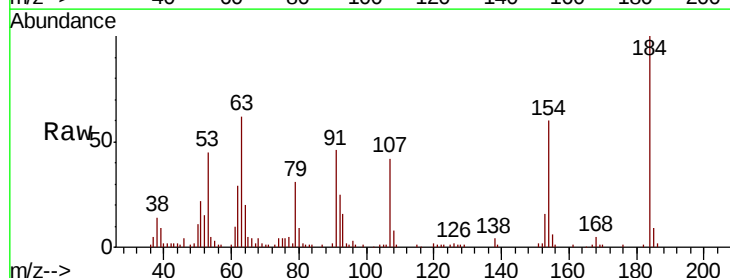


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

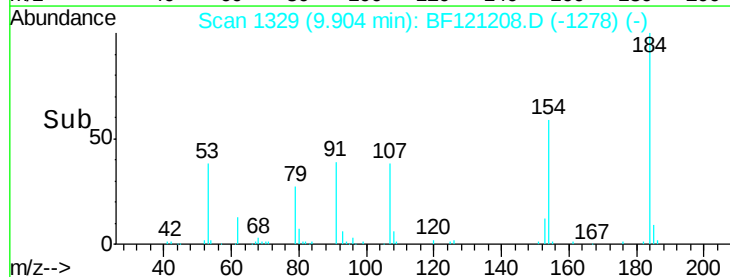
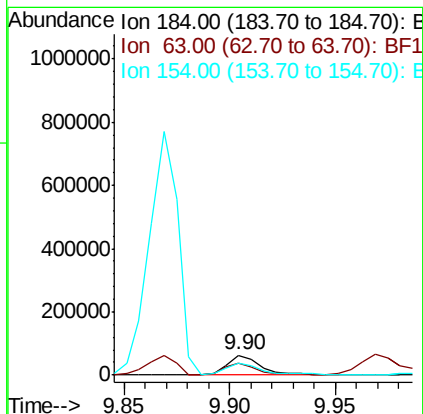


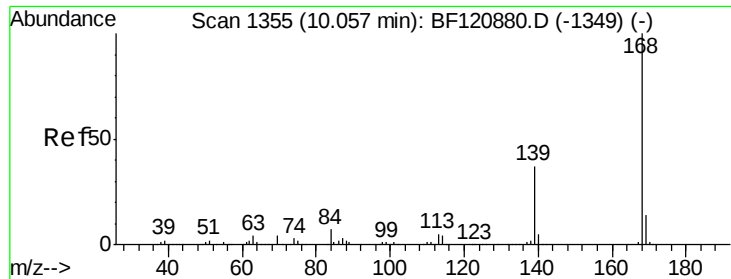
#54
2,4-Dinitrophenol
Concen: 30.284 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	42.5	63.7
154	60.5	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





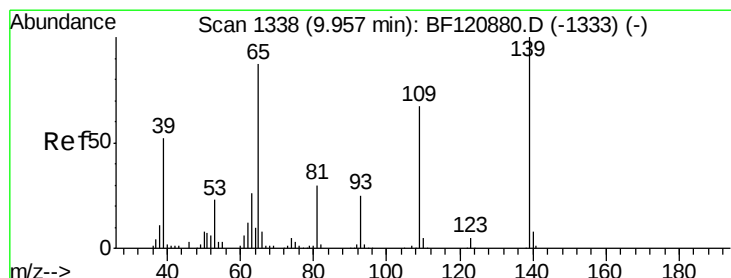
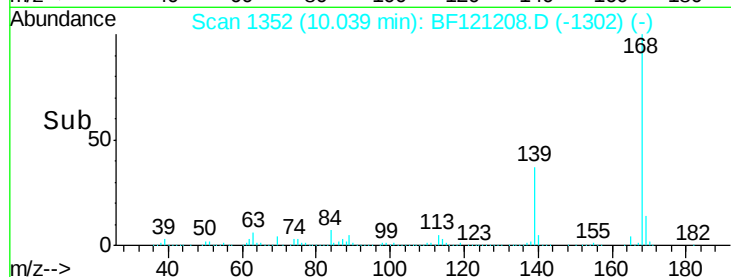
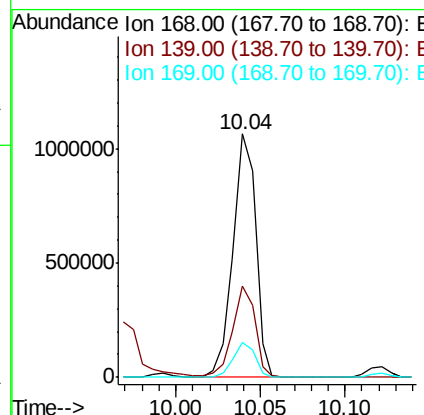
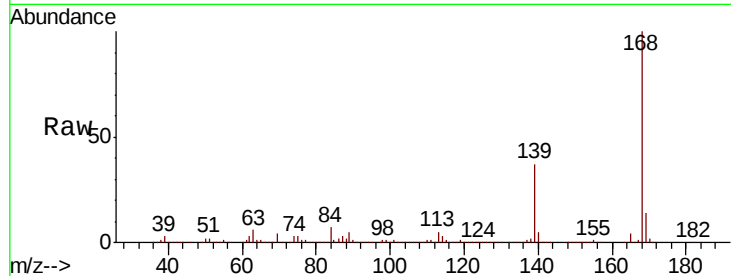
#55
Dibenzenofuran
Concen: 38.087 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	14.3	11.3	16.9

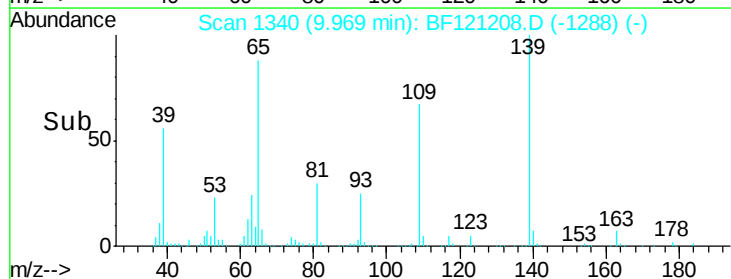
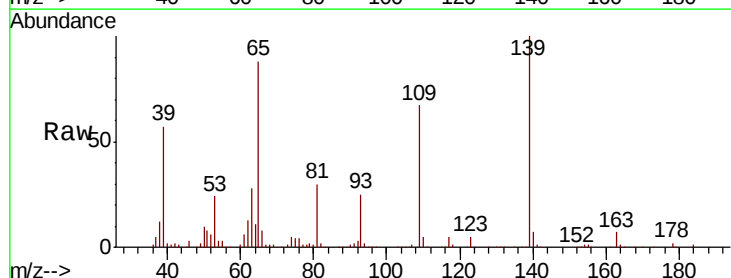
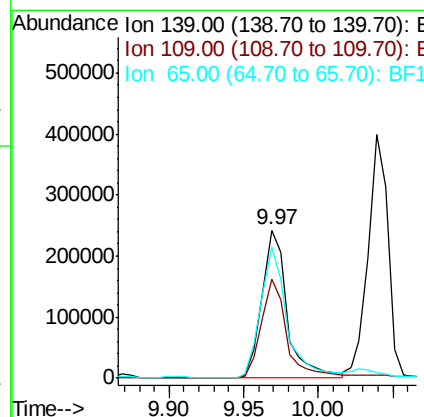
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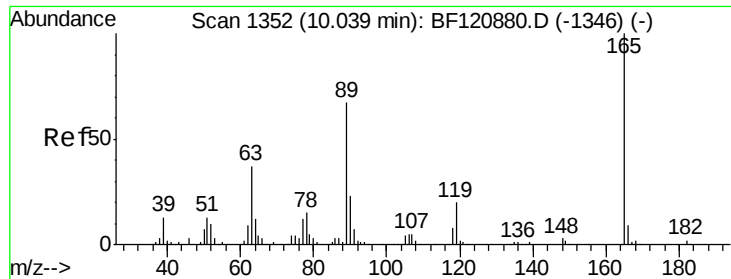
mohammad
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#56
4-Nitrophenol
Concen: 66.313 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	44.8	84.8
65	88.5	65.6	105.6





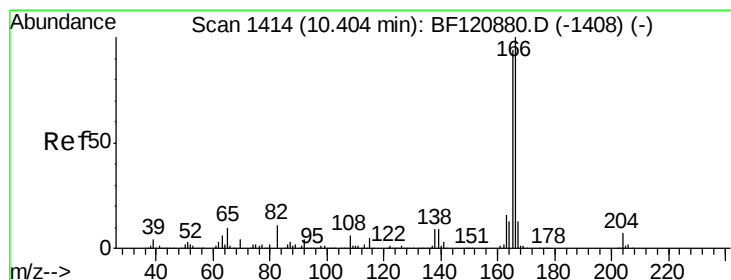
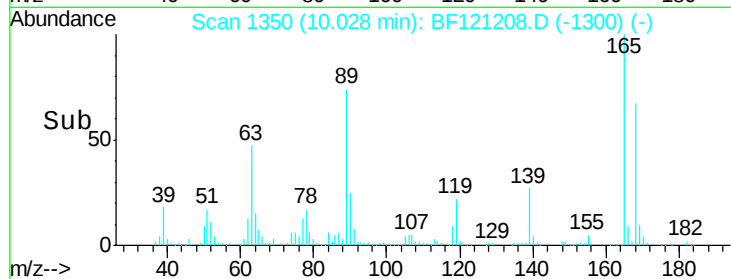
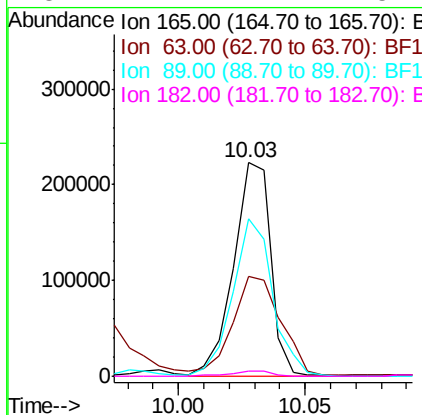
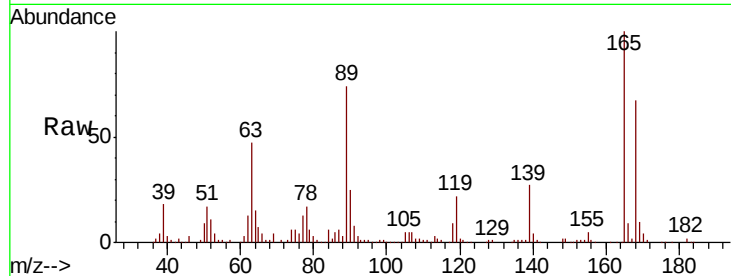
#57
2,4-Dinitrotoluene
Concen: 37.765 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.0	29.8	44.8	
89	73.6	50.3	75.5	
182	2.4	2.1	3.1	

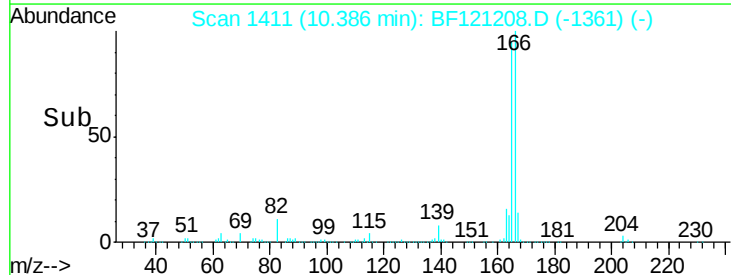
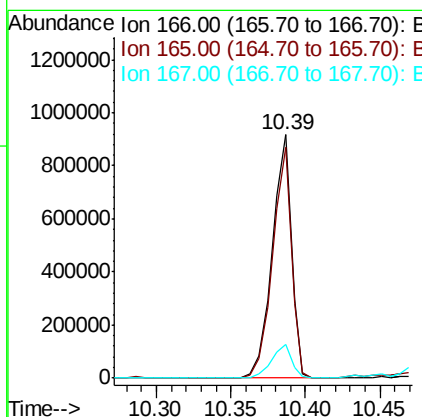
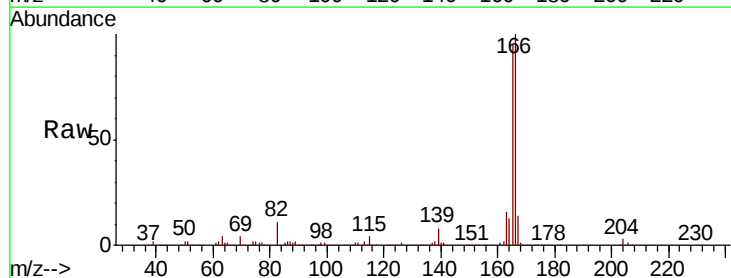
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8/7/2020 1:50:56 PM



#58
Fluorene
Concen: 41.887 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.8	76.4	114.6	
167	13.8	10.7	16.1	





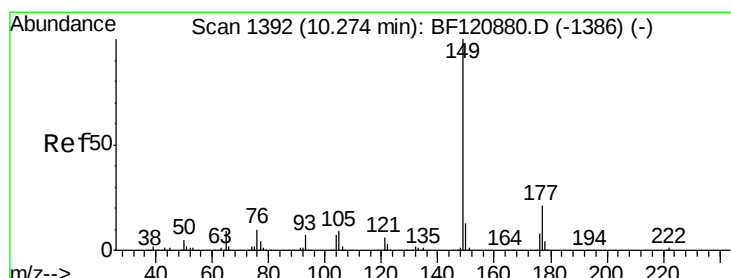
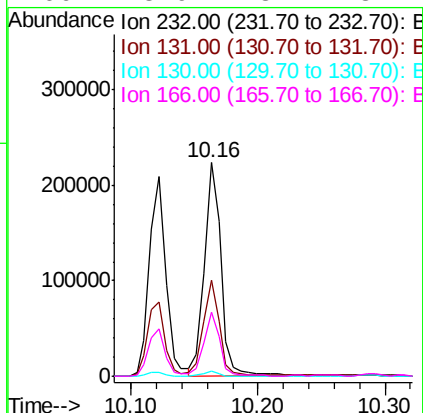
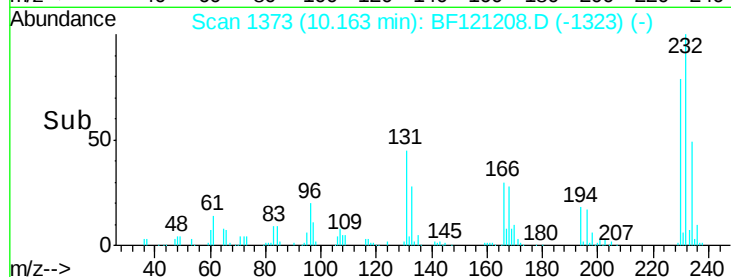
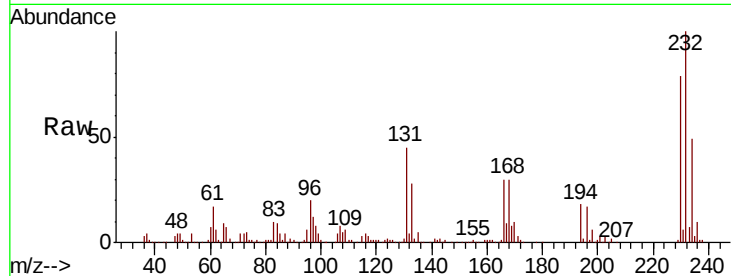
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.351 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	204960		
131	43.4		34.2	51.2
130	2.3		1.7	2.5
166	28.9		23.1	34.7

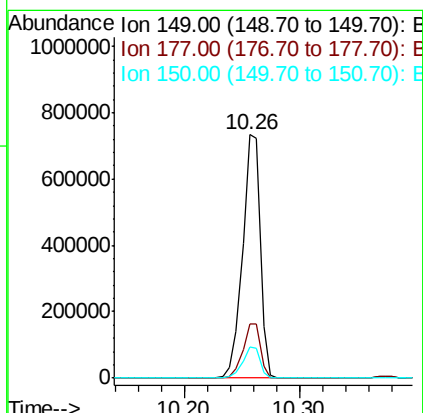
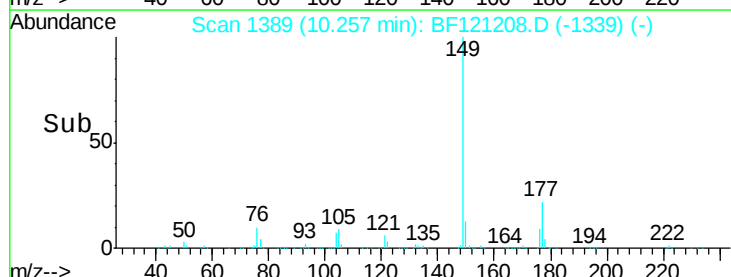
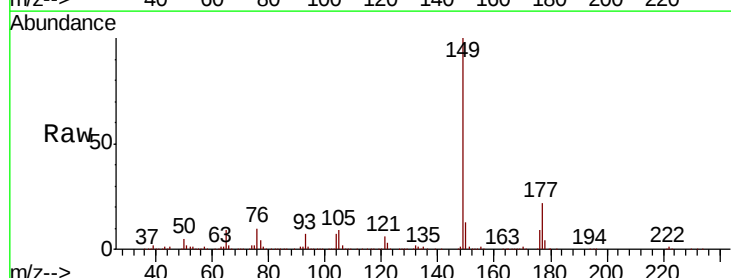
Manual Integrations
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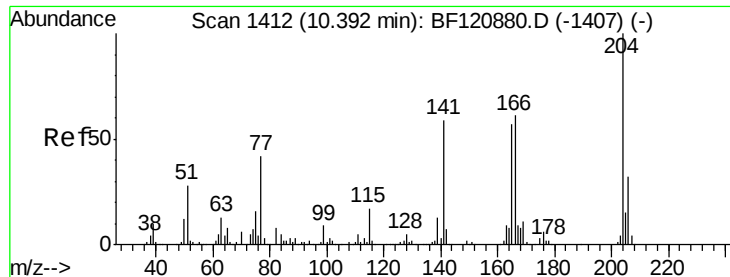
mohammad
8/7/2020 1:50:56 PM



#60
Diethylphthalate
Concen: 36.452 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	781970		
177	22.1		17.6	26.4
150	12.7		10.2	15.4





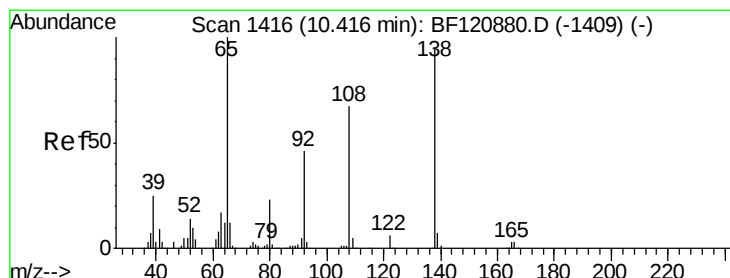
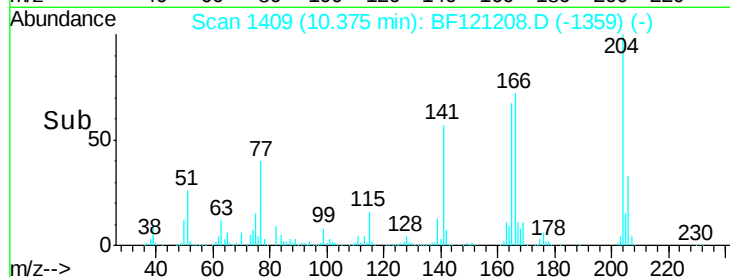
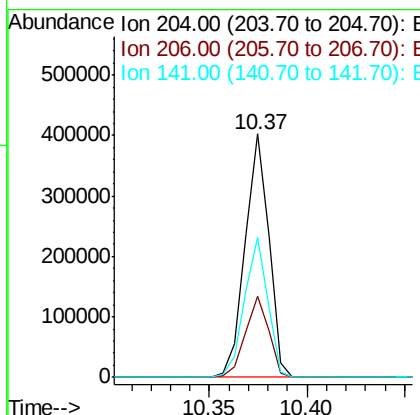
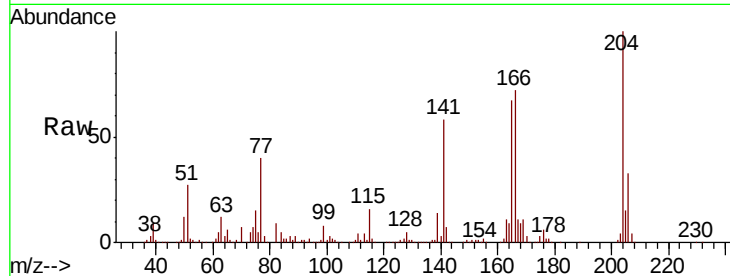
#61
4-Chlorophenyl-phenylether
Concen: 32.703 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampled :
JB-1AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	57.7	46.9	70.3

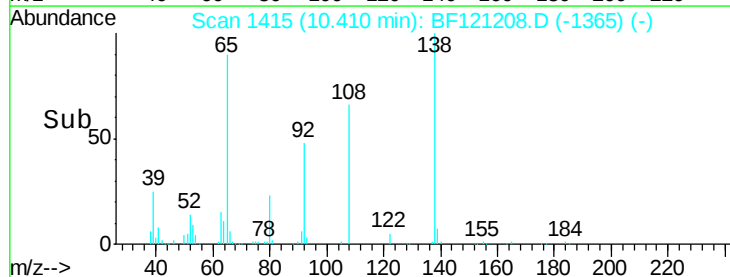
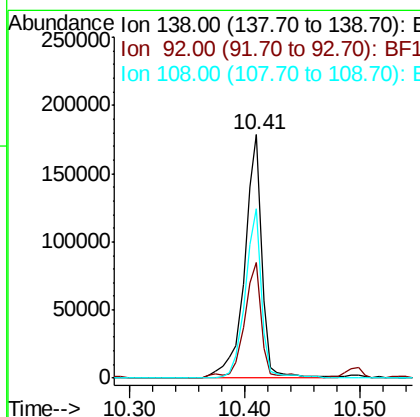
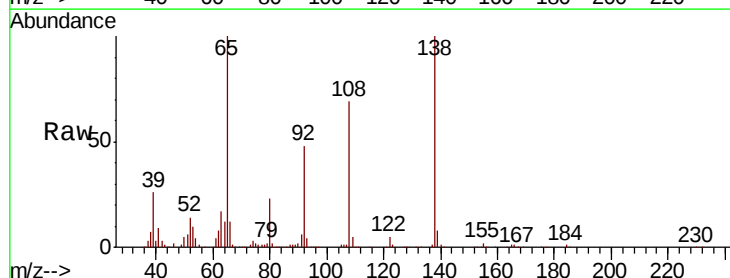
Manual Integrations
APPROVED

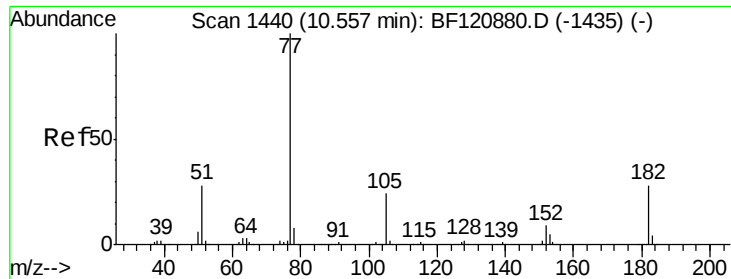
mohammad
8/7/2020 1:50:56 PM



#62
4-Nitroaniline
Concen: 33.499 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	25.2	65.2
108	69.4	46.7	86.7





#63

Azobenzene

Concen: 35.625 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

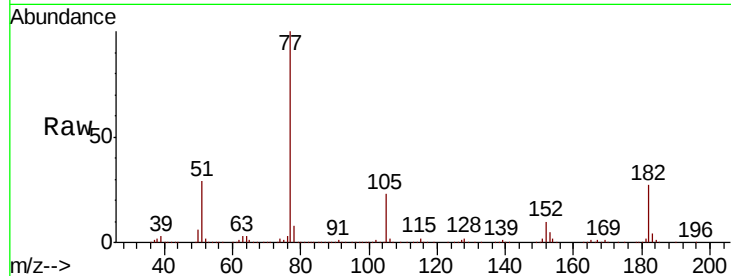
ClientSampleId :

JB-1AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.1	4.5	44.5	
105	23.1	3.4	43.4	
51	29.2	8.7	48.7	

Manual Integrations
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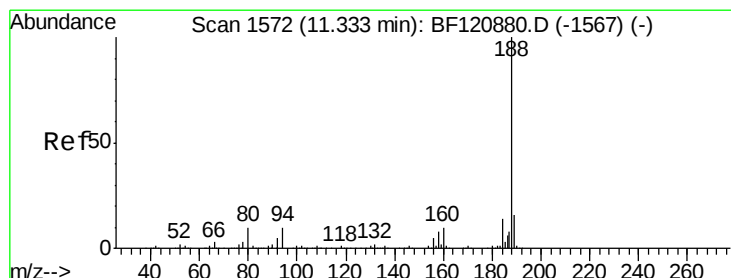
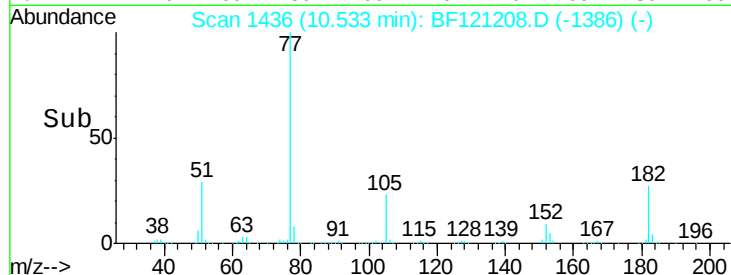
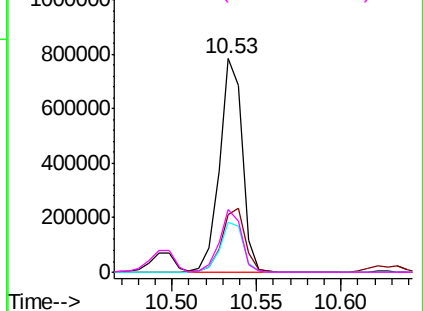


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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

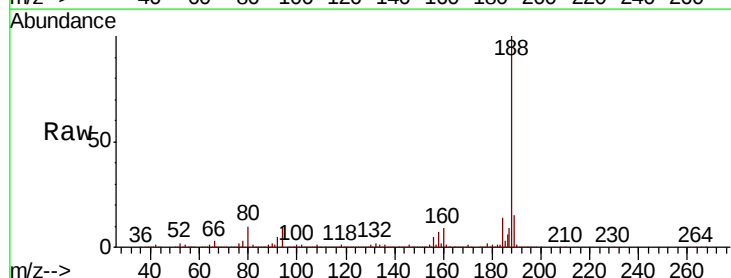
RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

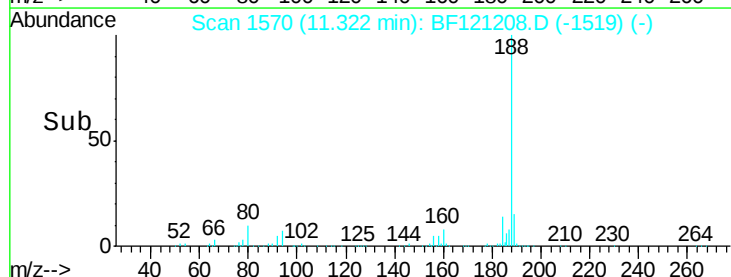
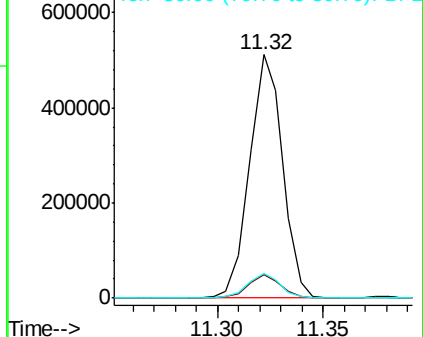
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.0	12.0	
80	10.0	8.3	12.5	

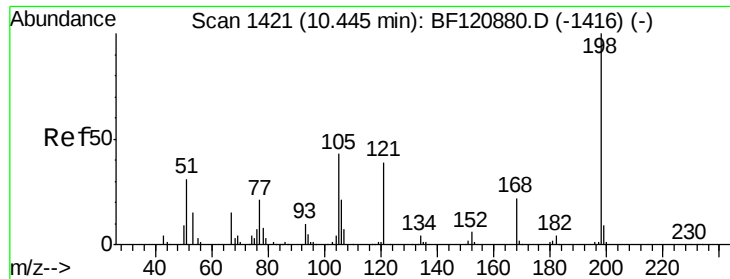


Abundance Ion 188.00 (187.70 to 188.70): E

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: 27.267 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampled :

JB-1AMS

Tot Ion:198 Resp: 81952

Ion Ratio Lower Upper

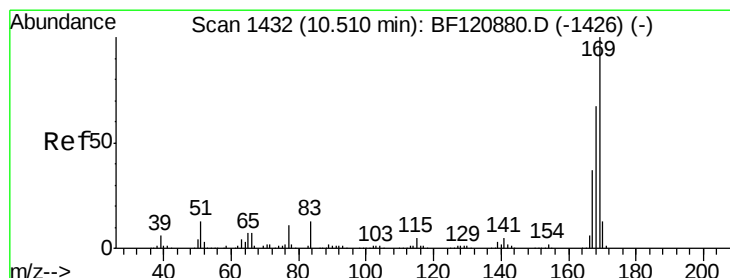
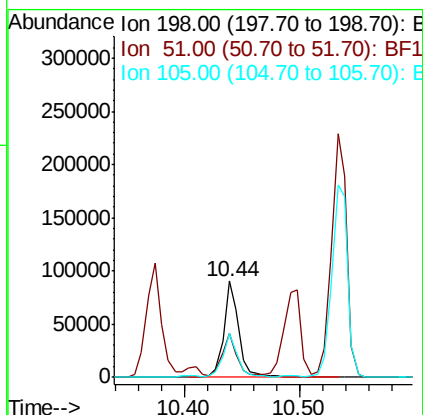
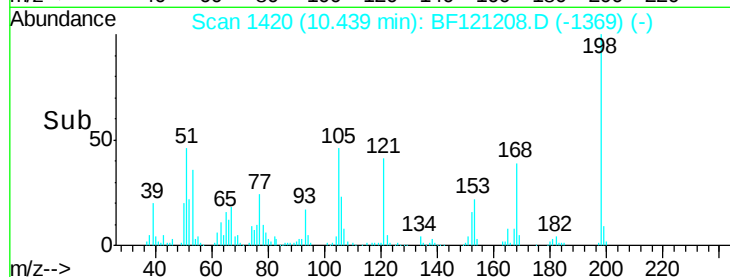
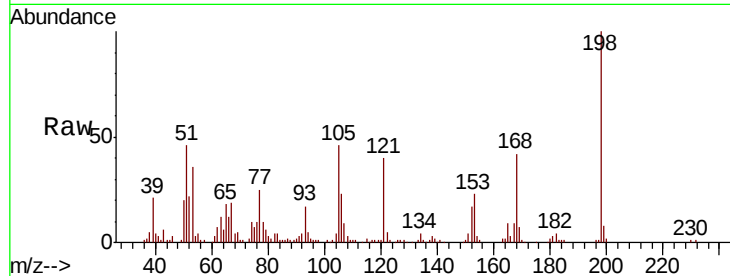
198 100

51 46.2 23.4 63.4

105 46.1 23.7 63.7

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#66

n-Nitrosodiphenylamine

Concen: 37.788 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

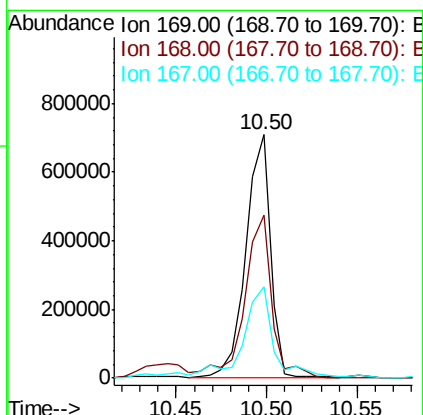
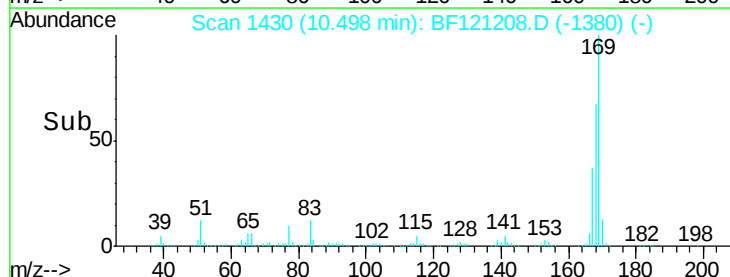
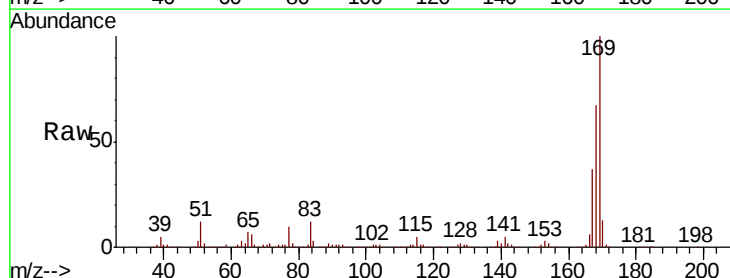
Tgt Ion:169 Resp: 661046

Ion Ratio Lower Upper

169 100

168 67.2 53.7 80.5

167 37.5 30.0 45.0





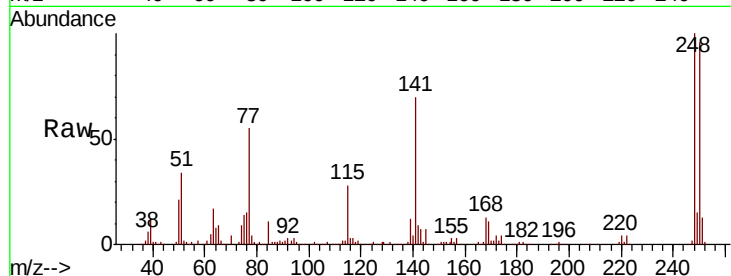
#67
4-Bromophenyl-phenylether
Concen: 36.975 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.0	115.6
141	69.7	56.6	85.0

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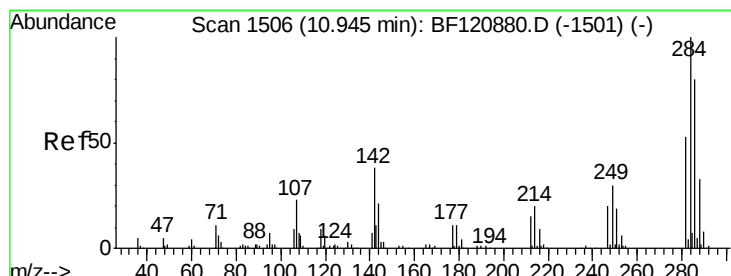
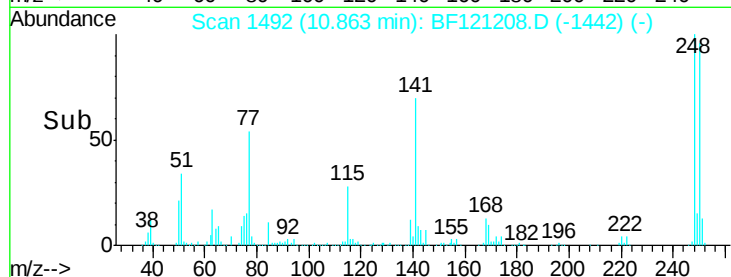
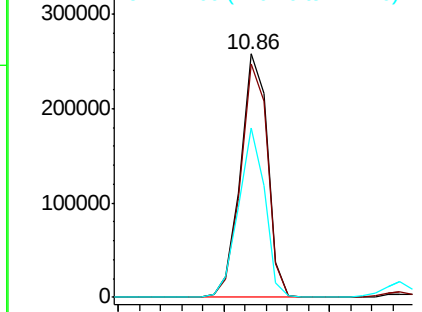


Abundance

Ion 248.00 (247.70 to 248.70): E

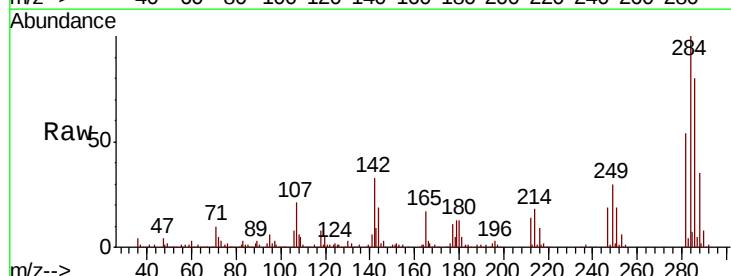
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.840 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	21.1	31.7#
249	29.7	22.5	33.7

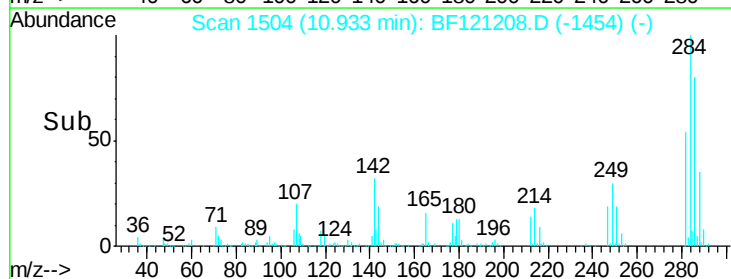
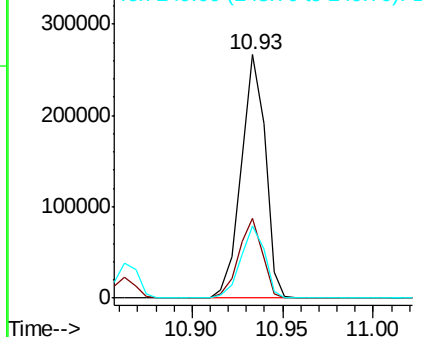


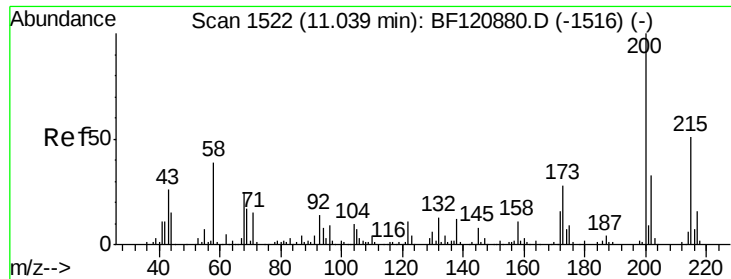
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





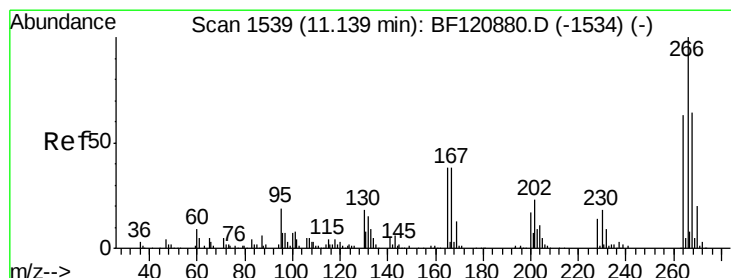
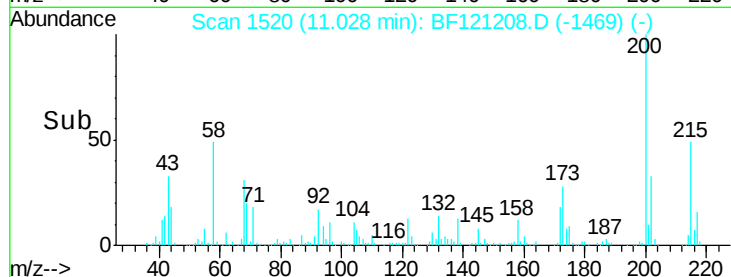
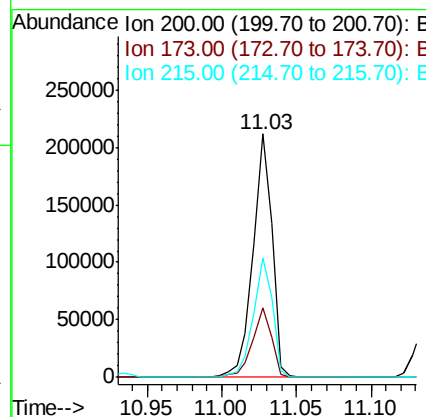
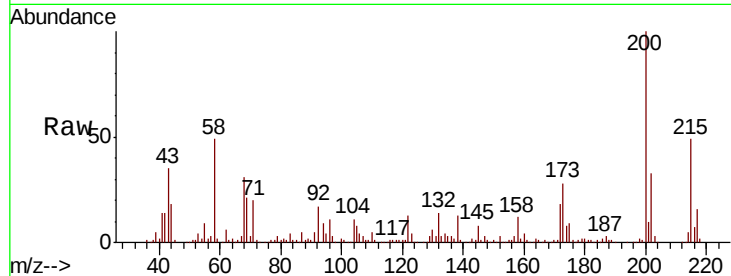
#69
Atrazine
Concen: 43.149 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	186940		
173	28.4	7.6	47.6	
215	48.9	28.8	68.8	

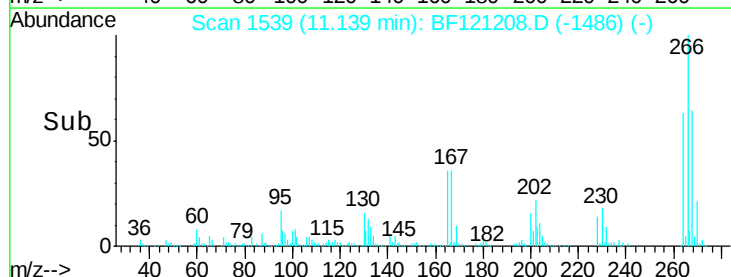
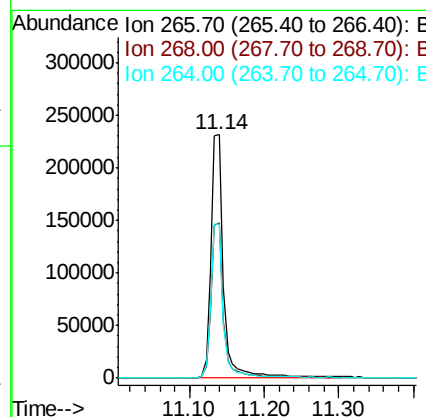
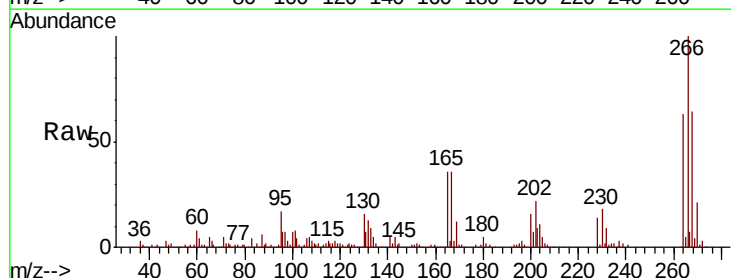
Manual Integrations
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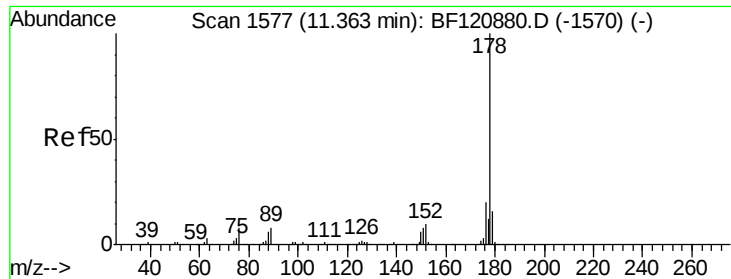
mohammad
8/7/2020 1:50:56 PM



#70
Pentachlorophenol
Concen: 71.797 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	275860		
268	63.6	49.7	74.5	
264	63.1	50.4	75.6	





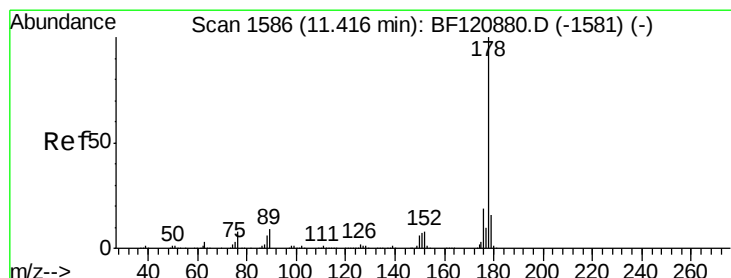
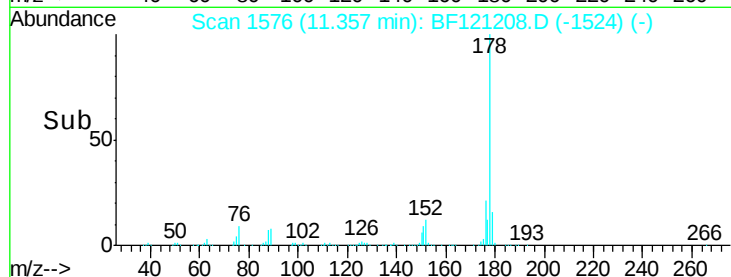
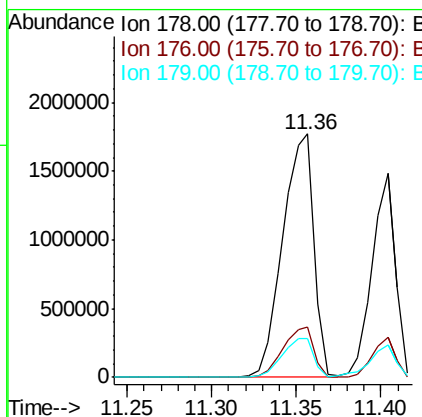
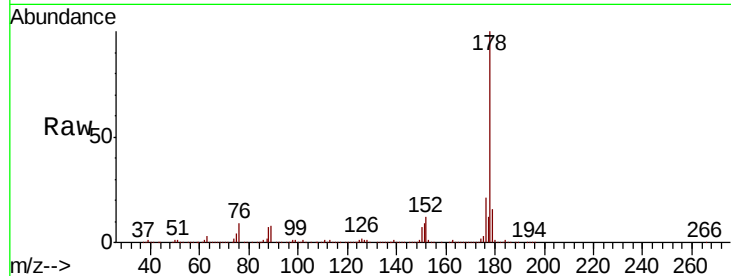
#71
Phenanthrene
Concen: 79.488 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion:178 Resp: 2273362
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 16.2 12.6 19.0

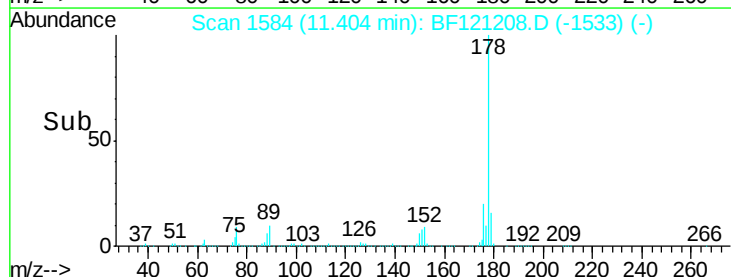
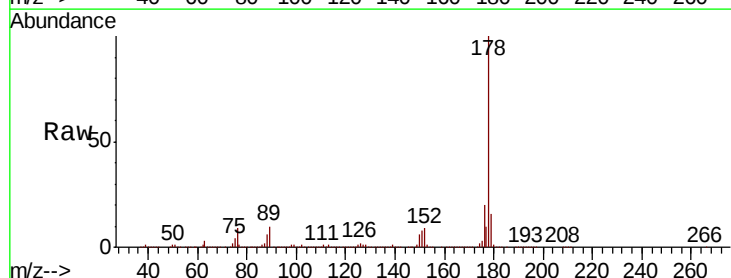
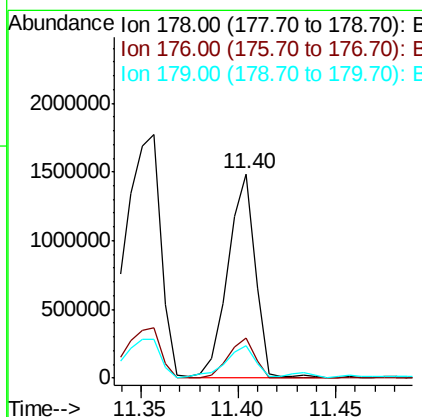
Manual Integrations
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#72
Anthracene
Concen: 50.017 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion:178 Resp: 1436422
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.9 12.6 19.0





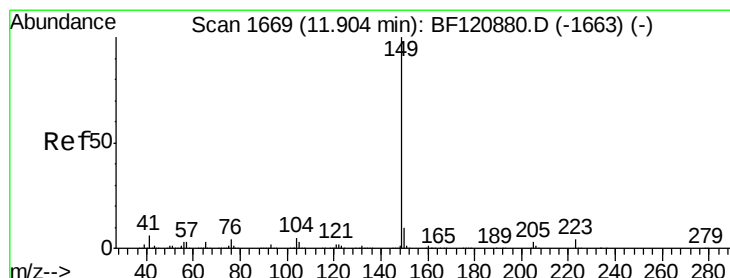
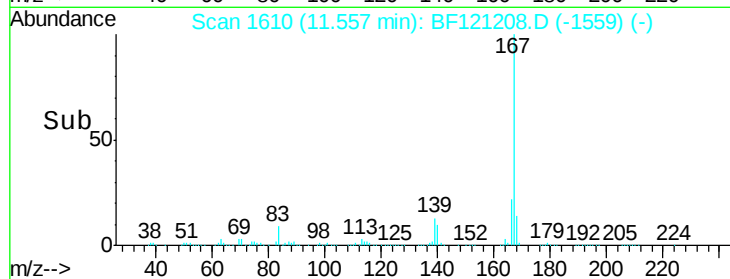
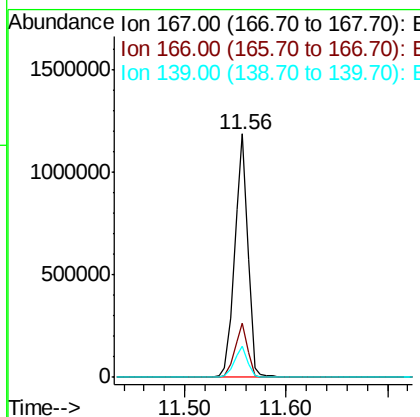
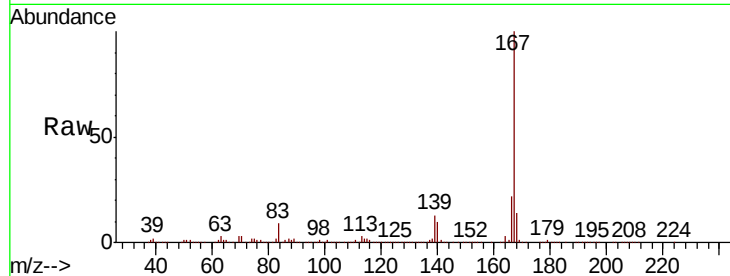
#73
 Carbazole
 Concen: 37.272 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	17.5	26.3	
139	12.8	10.5	15.7	

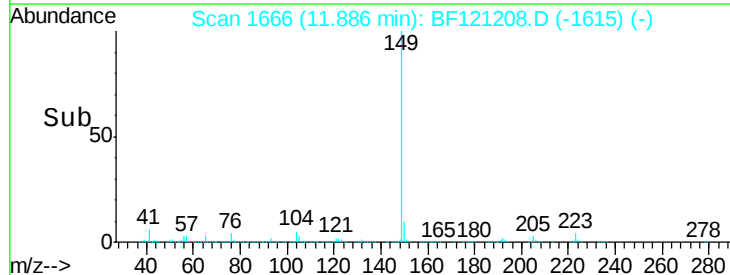
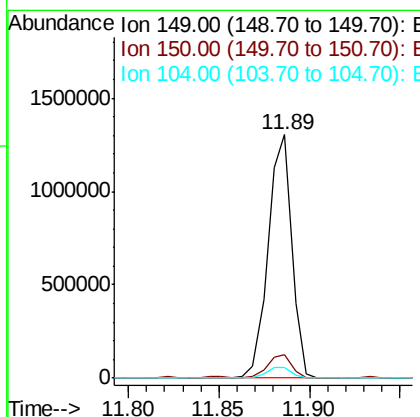
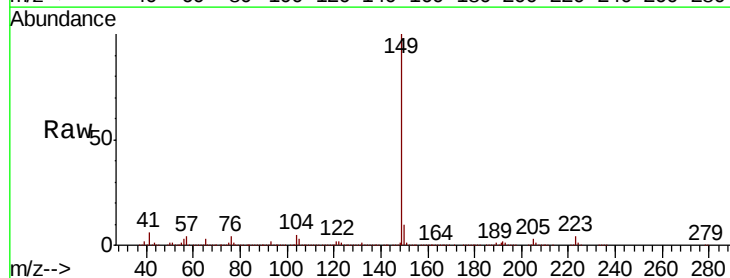
Manual Integrations
 APPROVED

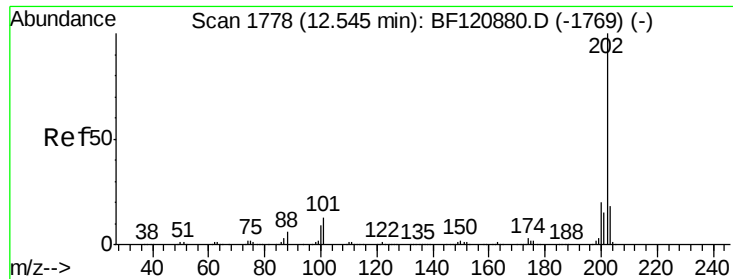
mohammad
 8/7/2020 1:50:56 PM



#74
 Di-n-butylphthalate
 Concen: 35.965 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.8	11.8	
104	4.6	3.9	5.9	





#75

Fluoranthene

Concen: 72.316 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

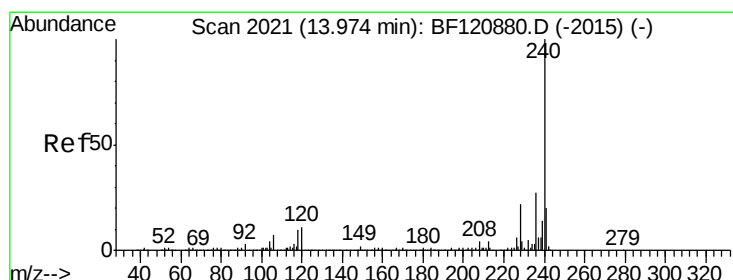
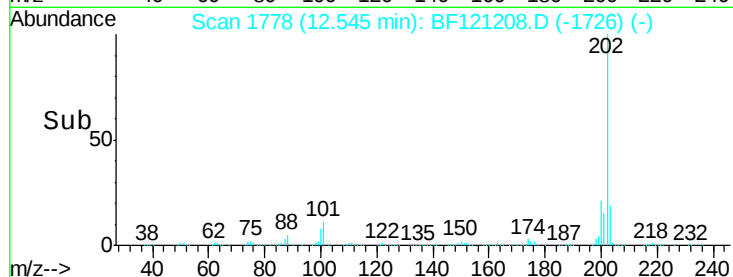
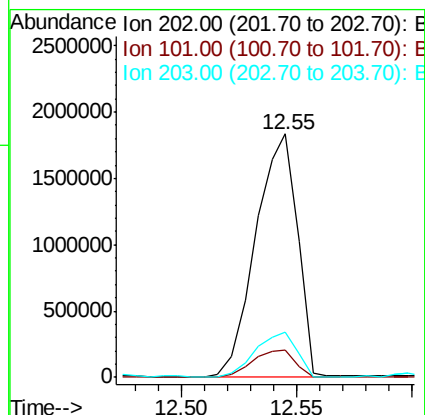
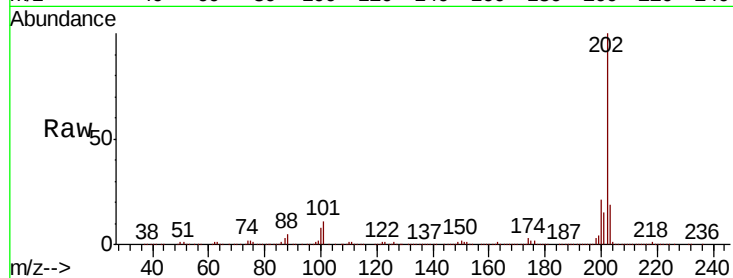
ClientSampleId :

JB-1AMS

Tot Ion:	202	Resp:	2292496
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.5
203	18.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

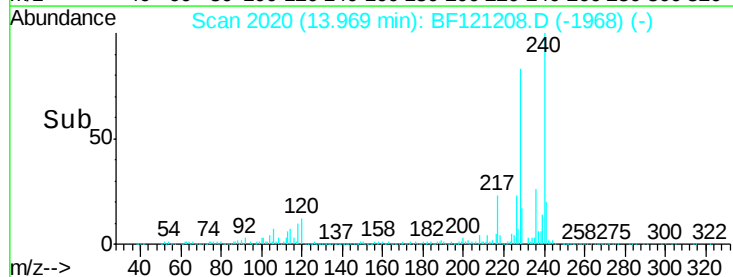
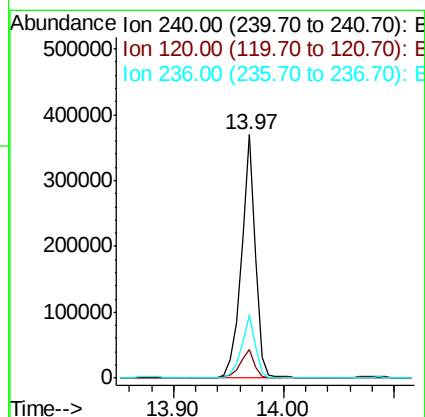
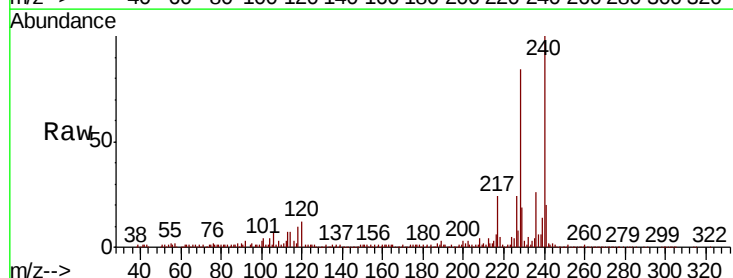
RT: 13.97 min Scan# 2020

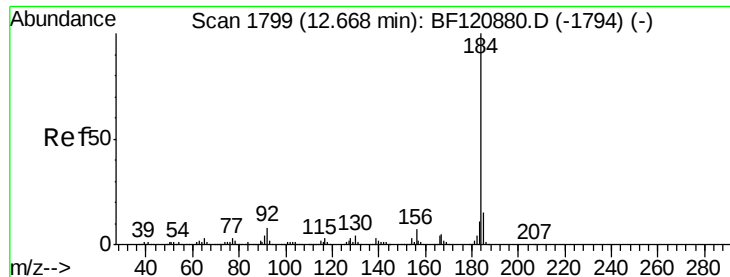
Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	240	Resp:	326250
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.3	13.9
236	26.1	21.1	31.7





#77

Benzidine

Concen: 33.408 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

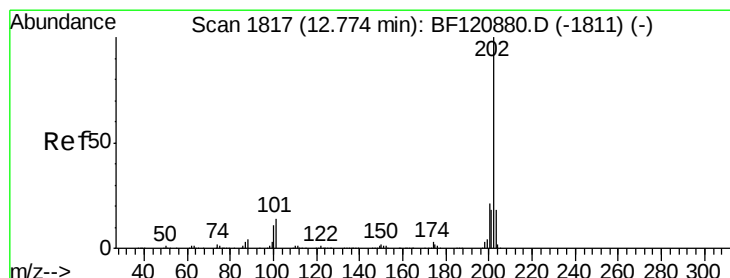
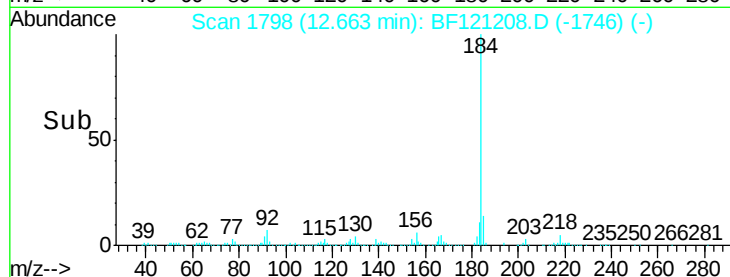
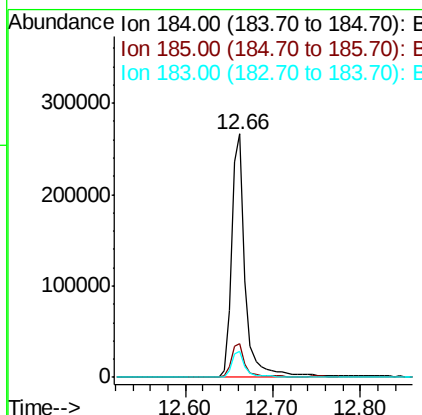
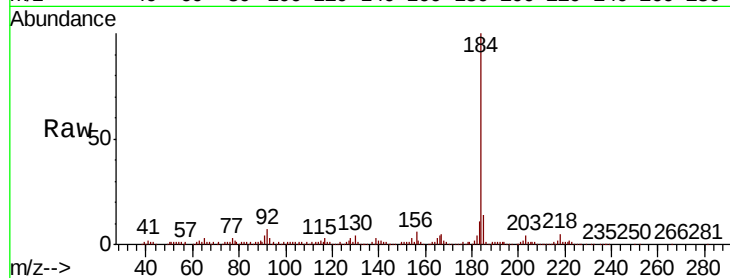
ClientSampleId :

JB-1AMS

Tot Ion:	184	Resp:	286565
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.1	18.1
183	10.7	9.0	13.4

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#78

Pyrene

Concen: 102.438 ng

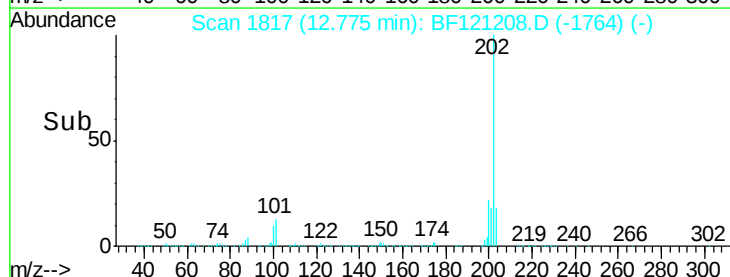
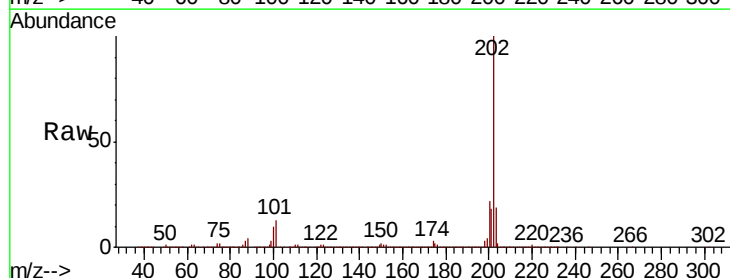
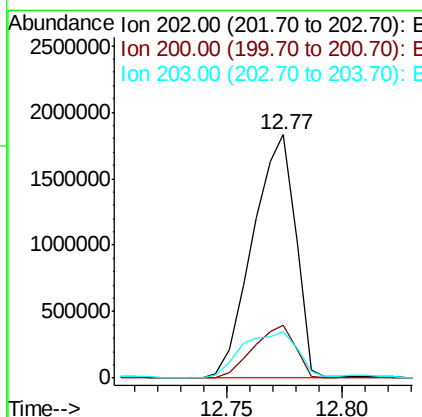
RT: 12.77 min Scan# 1817

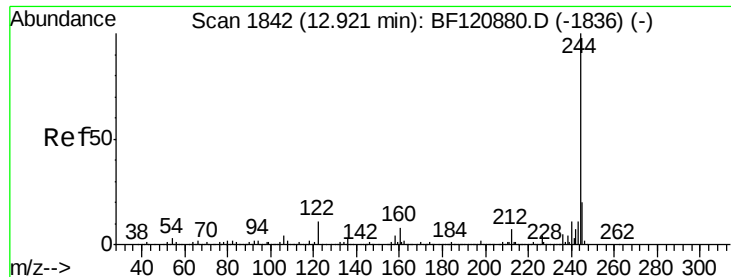
Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Tgt Ion:	202	Resp:	2362840
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.0	25.6
203	19.0	14.6	21.8





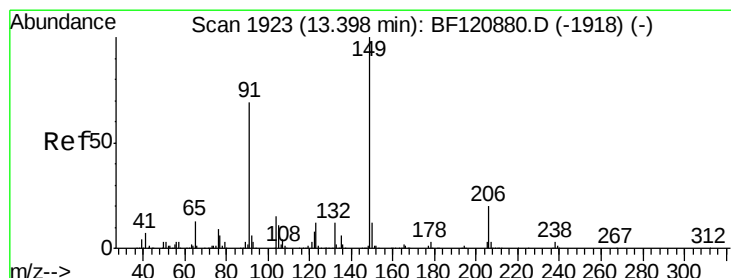
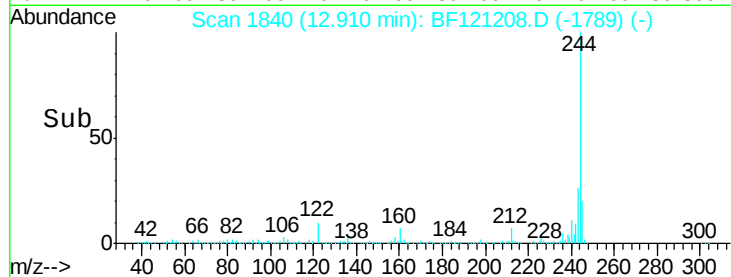
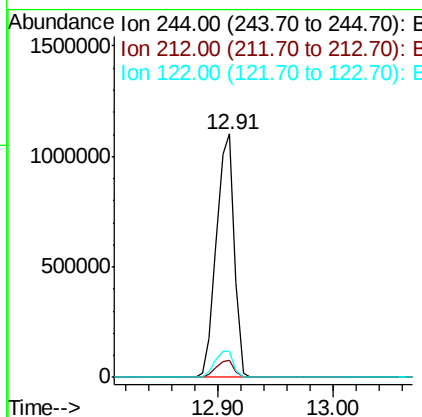
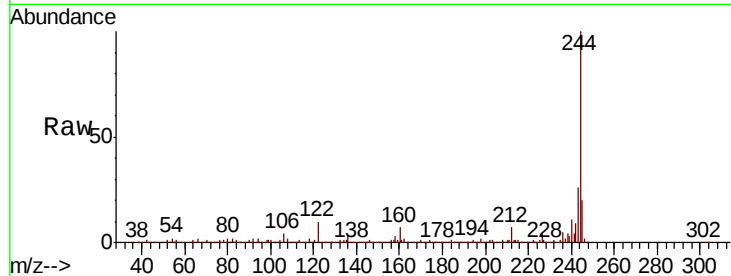
#79
 Terphenyl-d14
 Concen: 78.684 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampled :
 JB-1AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.5	8.3	12.5

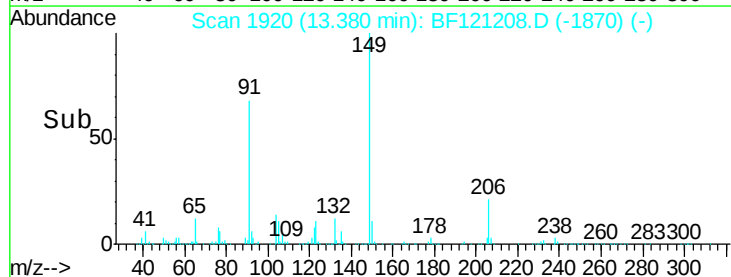
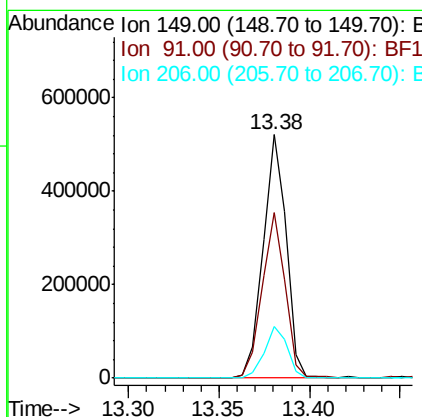
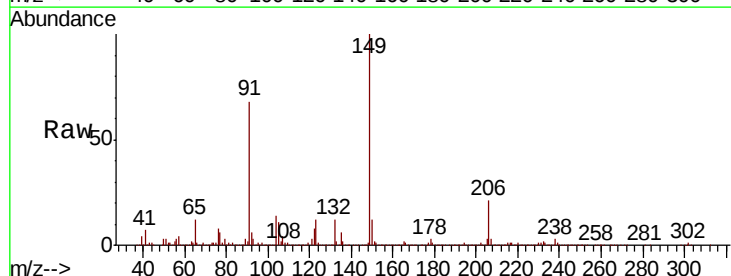
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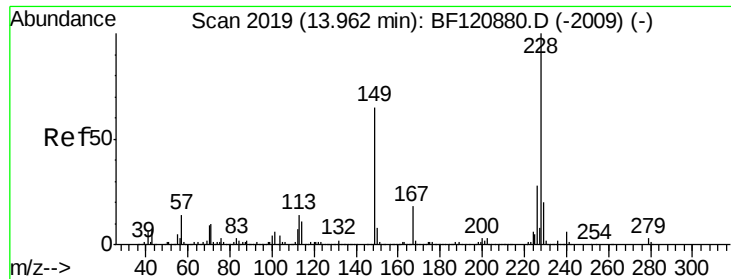
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.506 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	51.4	77.0
206	21.1	17.9	26.9





#81

Benzo(a)anthracene

Concen: 74.972 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampleId :

JB-1AMS

Tot Ion:228 Resp: 1481158

Ion Ratio Lower Upper

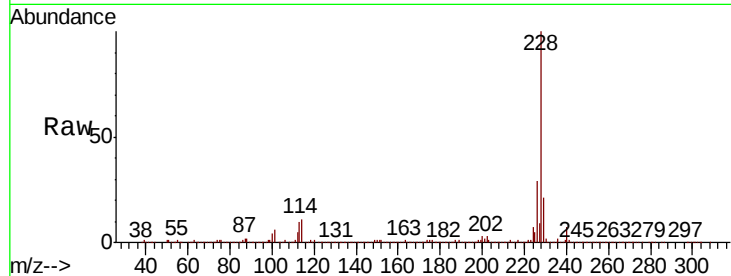
228 100

226 28.9 22.6 34.0

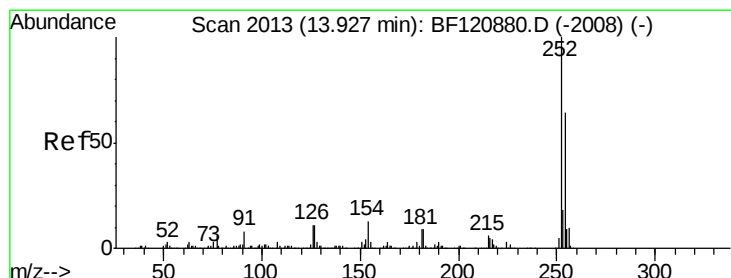
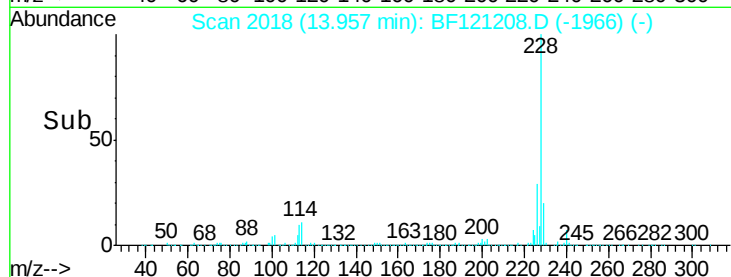
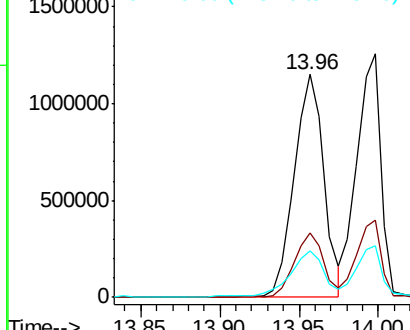
229 20.7 16.1 24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 34.740 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

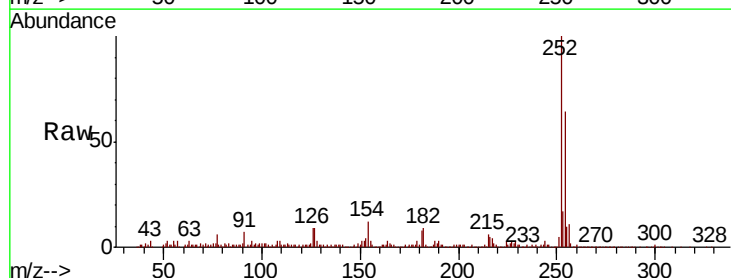
Tgt Ion:252 Resp: 258935

Ion Ratio Lower Upper

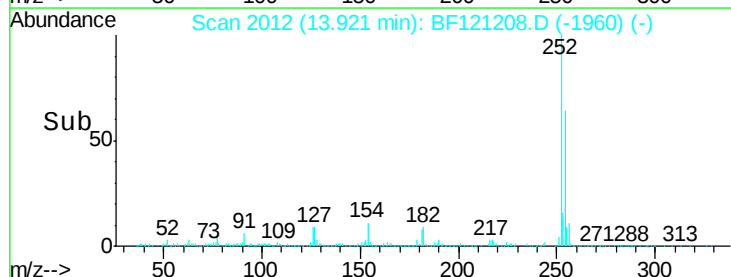
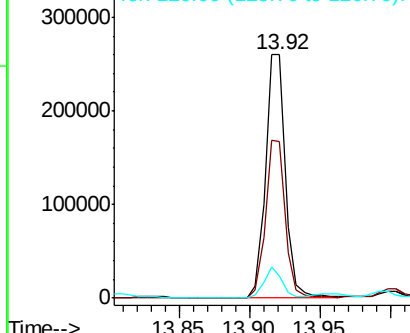
252 100

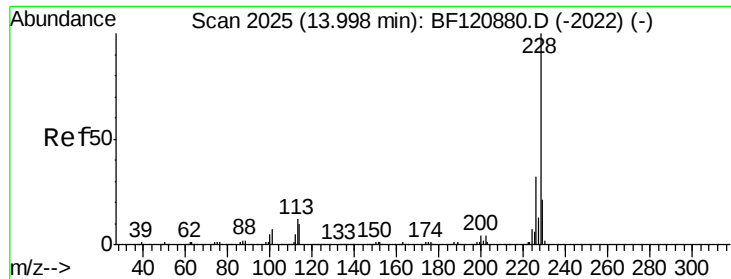
254 64.3 51.3 76.9

126 9.3 9.2 13.8



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





#83

Chrysene

Concen: 64.068 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

Instrument :

BNA_F

ClientSampleId :

JB-1AMS

Tot Ion:228 Resp: 1330149

Ion Ratio Lower Upper

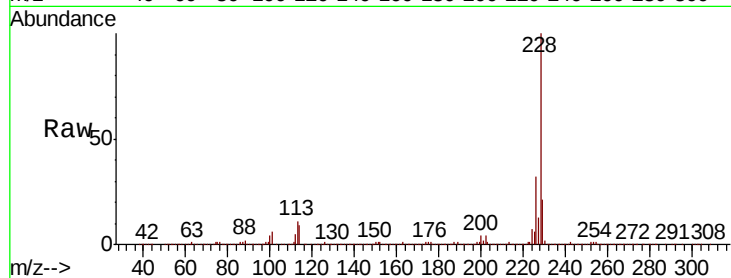
228 100

226 31.9 25.4 38.0

229 21.4 16.2 24.4

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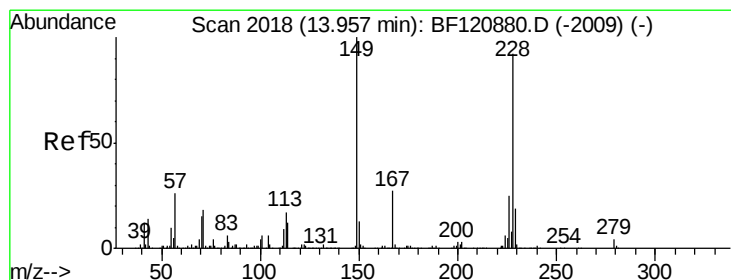
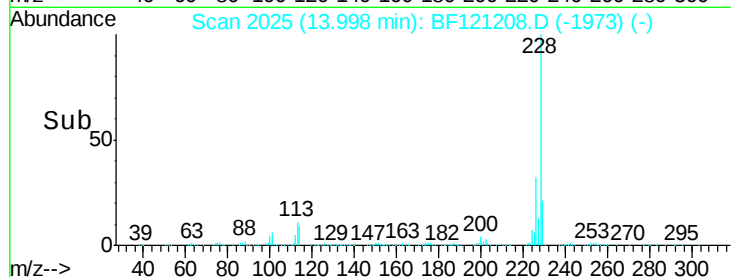
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.00

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.407 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

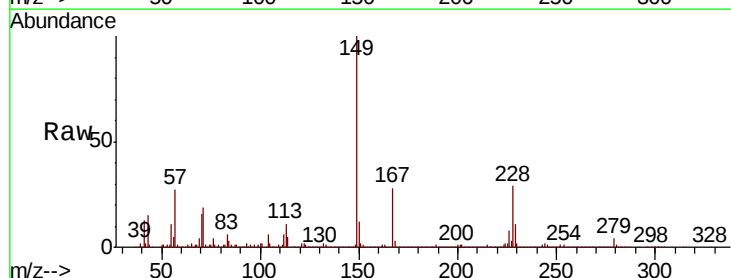
Tgt Ion:149 Resp: 575744

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 3.6 2.9 4.3



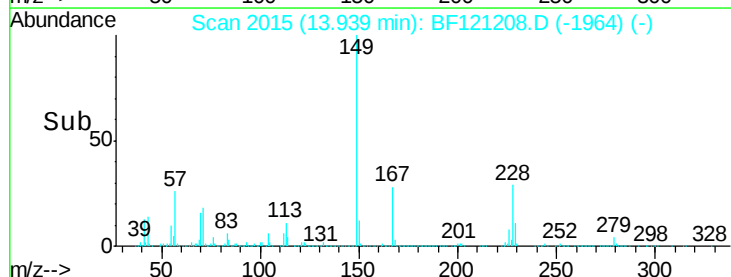
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.94

Time-->





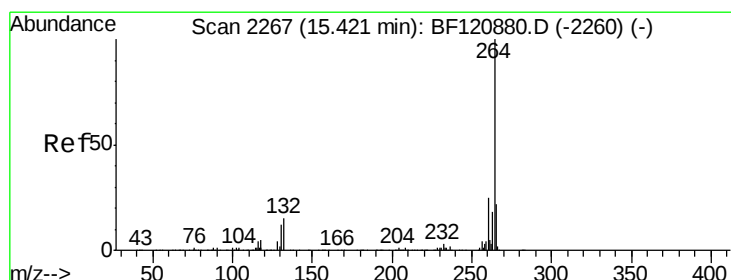
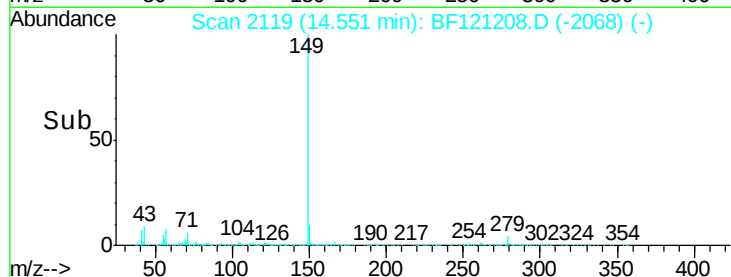
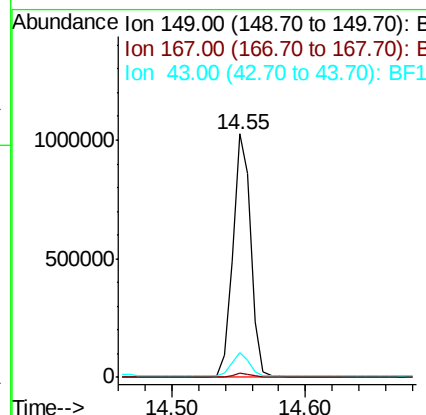
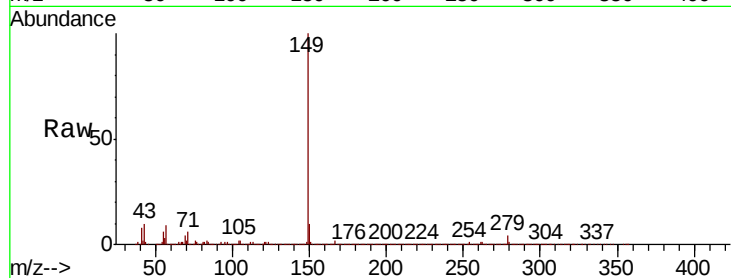
#85
Di-n-octyl phthalate
Concen: 38.155 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	962509		
167	1.6		1.3	1.9
43	9.0		7.5	11.3

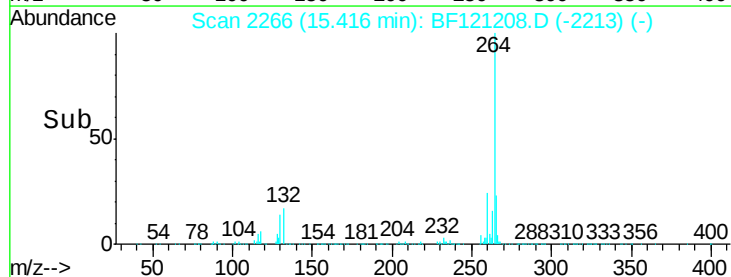
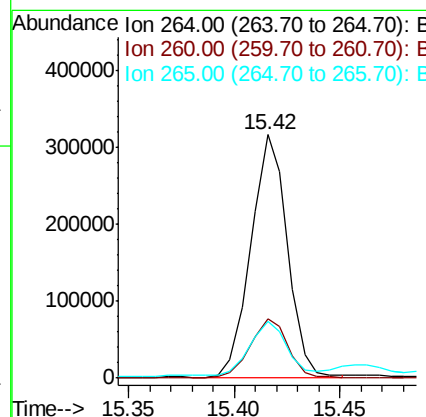
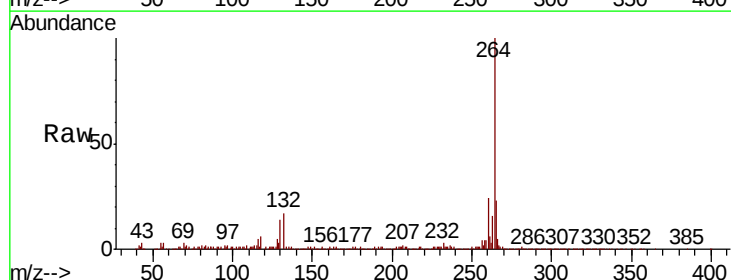
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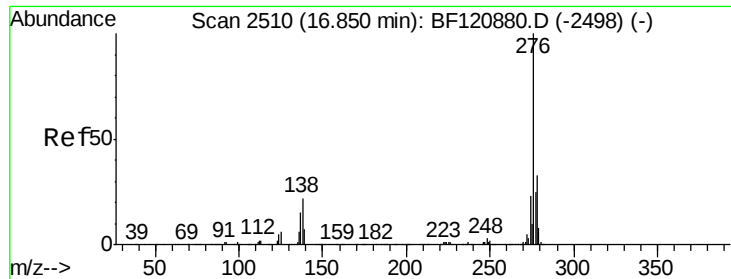
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	377934		
260	24.4		19.9	29.9
265	23.2		17.8	26.8





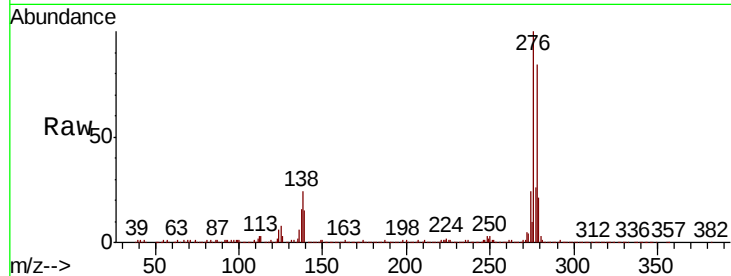
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.181 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.04 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.3	28.9
277	25.2	20.1	30.1

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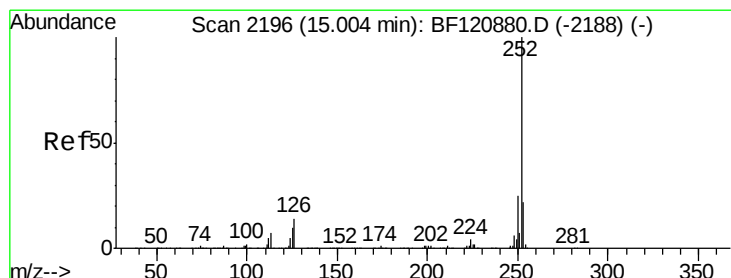
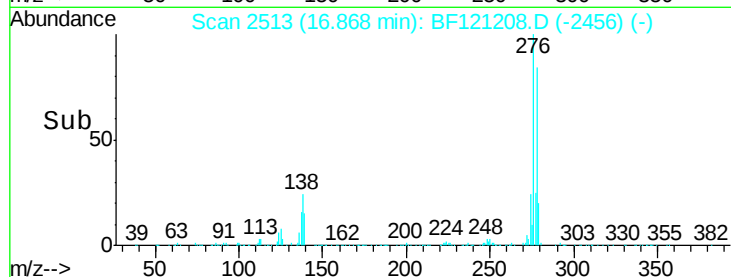
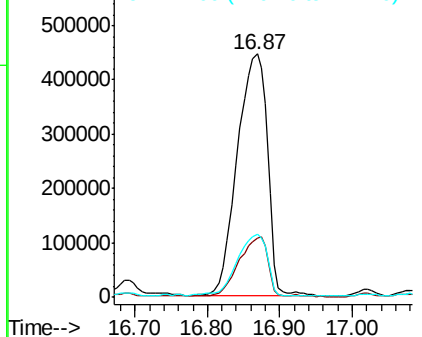


Abundance

Ion 276.00 (275.70 to 276.70): E

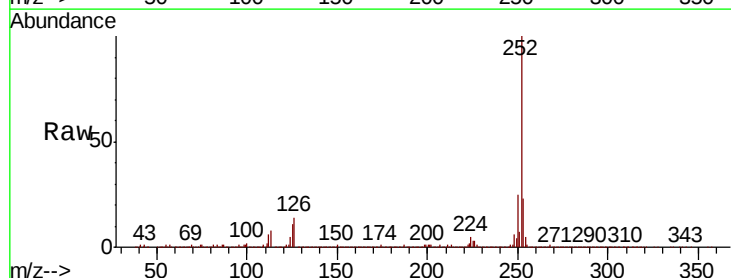
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 66.393 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.0	8.1	12.1

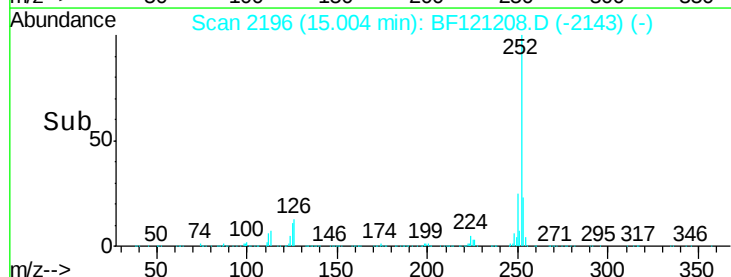
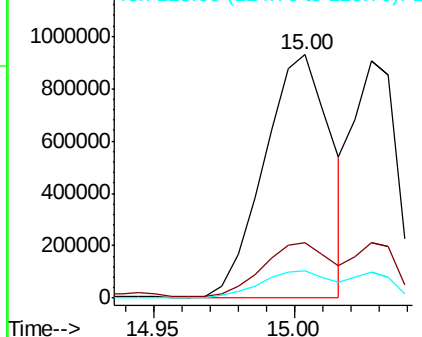


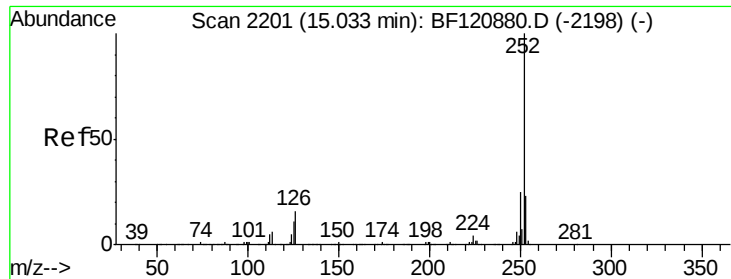
Abundance

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





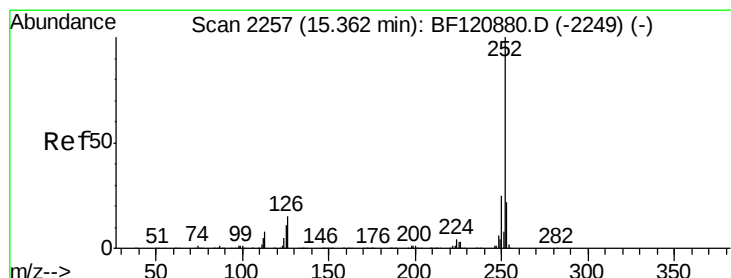
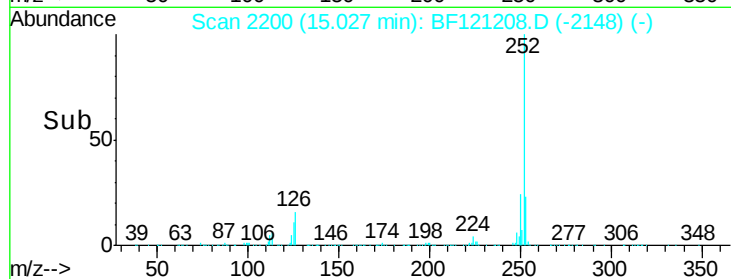
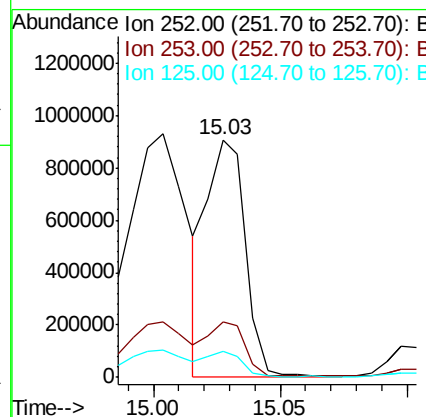
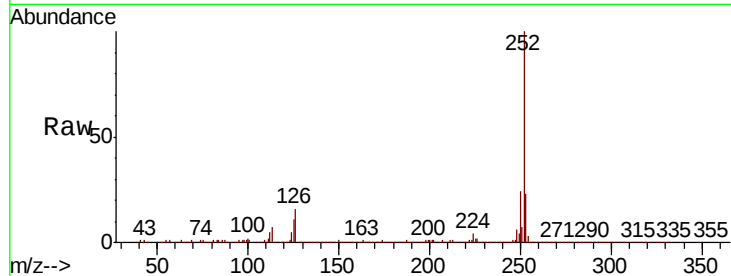
#89
Benzo(k)fluoranthene
Concen: 45.813 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.0	8.0	12.0

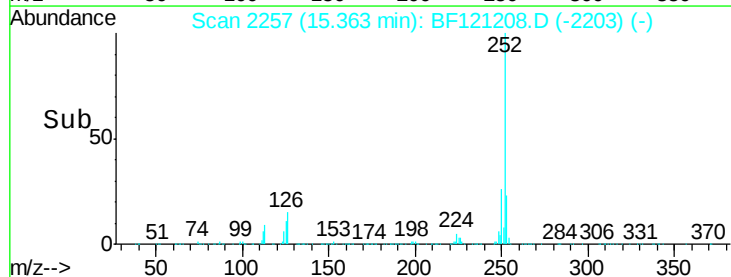
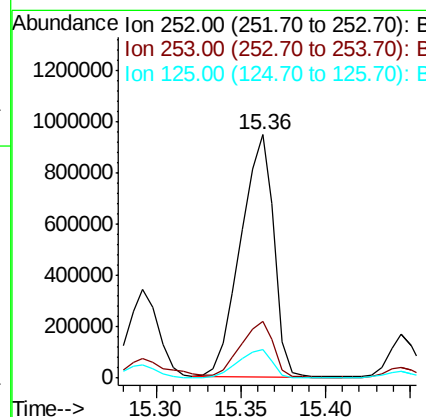
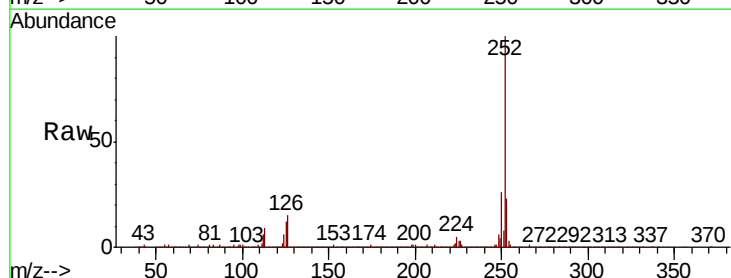
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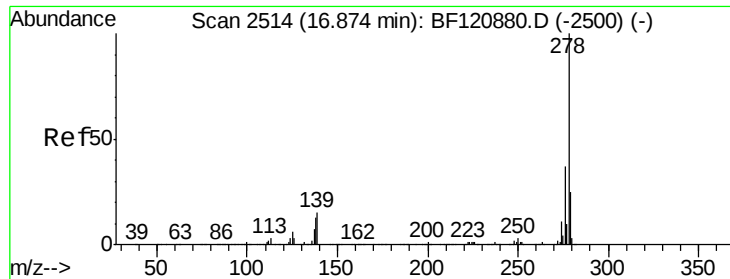
mohammad
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#90
Benzo(a)pyrene
Concen: 62.222 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.5	9.5	14.3





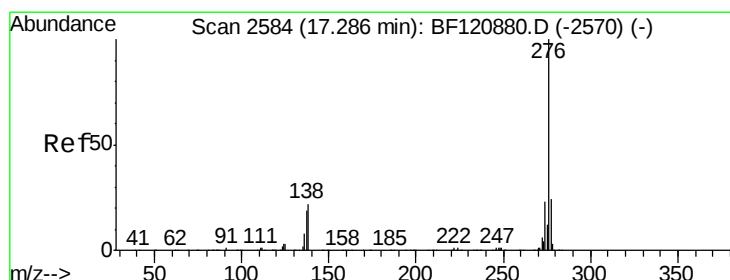
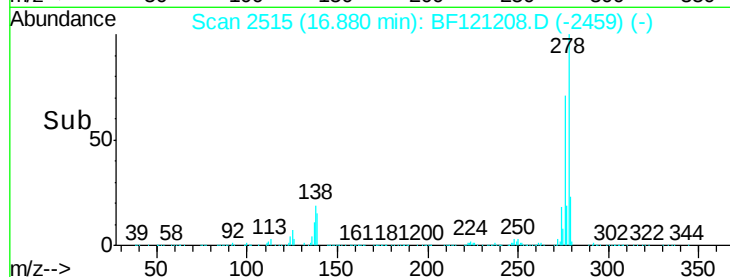
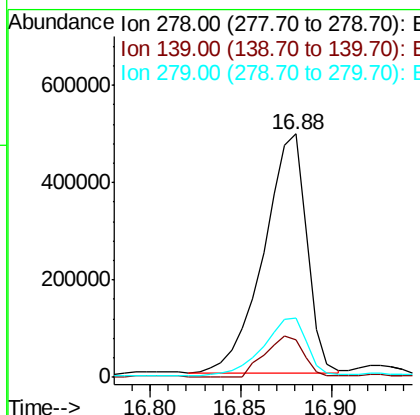
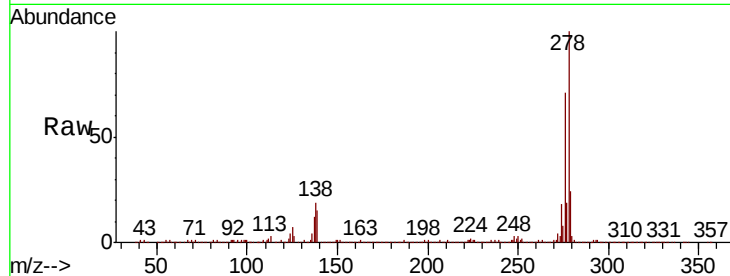
#91
Dibenzo(a,h)anthracene
Concen: 37.807 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.03 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	18.8
279	24.2	19.5	29.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 52.290 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.04 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.4	17.2	25.8

