

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

Quant Time: Aug 06 19:03:04 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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	7.74	122	319044	52.856	ng	# 13
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	79911	30.327	ng	88
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

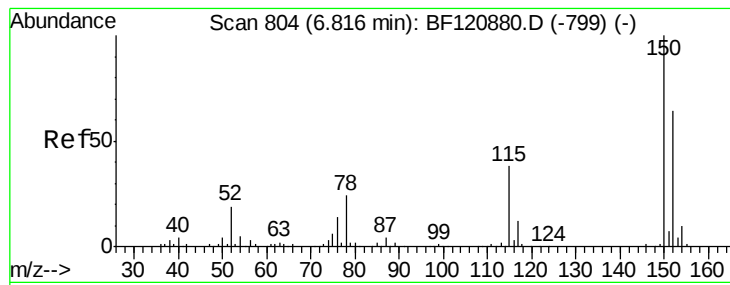
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	164424	34.734	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	231135	38.327	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	247019	36.110	ng	99
46) 1,1'-Biphenyl	9.26	154	871241	38.852	ng	99
47) 2-Chloronaphthalene	9.28	162	665887	36.422	ng	98
48) 2-Nitroaniline	9.38	65	215251	38.958	ng	96
49) Acenaphthylene	9.70	152	1096413	38.602	ng	99
50) Dimethylphthalate	9.56	163	1016803	47.943	ng	100
51) 2,6-Dinitrotoluene	9.62	165	179930	39.489	ng	95
52) Acenaphthene	9.87	154	737549	40.844	ng	100
53) 3-Nitroaniline	9.79	138	128454	22.478	ng	99
54) 2,4-Dinitrophenol	9.90	184	67247	30.284	ng	93
55) Dibenzofuran	10.04	168	994570	38.087	ng	100
56) 4-Nitrophenol	9.97	139	287861	66.313	ng	97
57) 2,4-Dinitrotoluene	10.03	165	225973	37.765	ng	# 86
58) Fluorene	10.39	166	815773	41.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	204960	39.351	ng	99
60) Diethylphthalate	10.26	149	781970	36.452	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	339714	32.703	ng	99
62) 4-Nitroaniline	10.41	138	186477	33.499	ng	97
63) Azobenzene	10.53	77	727559	35.625	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	81952	27.267	ng	96
66) n-Nitrosodiphenylamine	10.50	169	661046	37.788	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	229249	36.975	ng	99
68) Hexachlorobenzene	10.93	284	247080	36.840	ng	# 92
69) Atrazine	11.03	200	186940	43.149	ng	99
70) Pentachlorophenol	11.14	266	275860	71.797	ng	99
71) Phenanthrene	11.36	178	2273362	79.488	ng	99
72) Anthracene	11.40	178	1436422	50.017	ng	100
73) Carbazole	11.56	167	1062272	37.272	ng	100
74) Di-n-butylphthalate	11.89	149	1182872	35.965	ng	99
75) Fluoranthene	12.55	202	2292496	72.316	ng	98
77) Benzidine	12.66	184	286565	33.408	ng	98
78) Pyrene	12.77	202	2362840	102.438	ng	98
80) Butylbenzylphthalate	13.38	149	457632	44.506	ng	96
81) Benzo(a)anthracene	13.96	228	1481158	74.972	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	258935	34.740	ng	99
83) Chrysene	14.00	228	1330149	64.068	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	575744	45.407	ng	99
85) Di-n-octyl phthalate	14.55	149	962509	38.155	ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1292673	49.181	ng	99
88) Benzo(b)fluoranthene	15.00	252	1516742	66.393	ng	98
89) Benzo(k)fluoranthene	15.03	252	954490	45.813	ng	98
90) Benzo(a)pyrene	15.36	252	1296874	62.222	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	811724	37.807	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1106950	52.290	ng	100

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

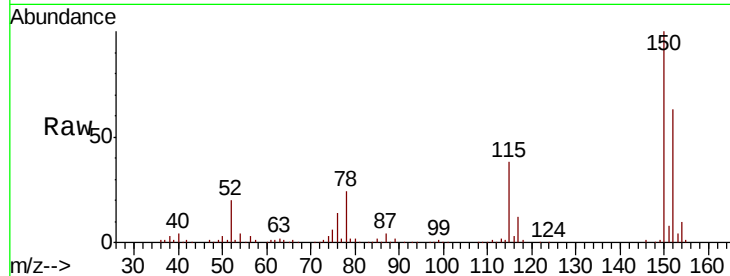


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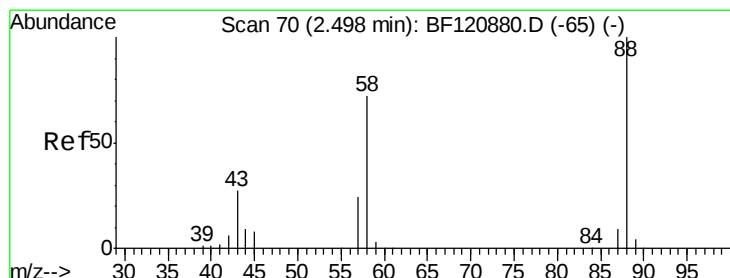
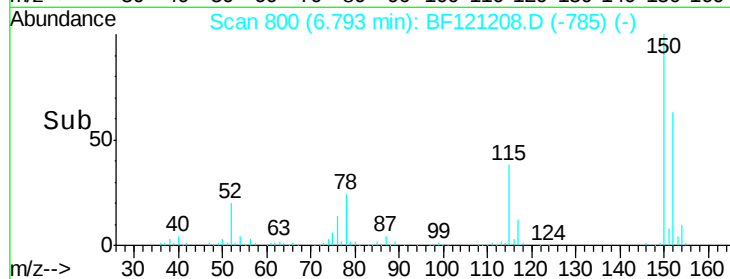
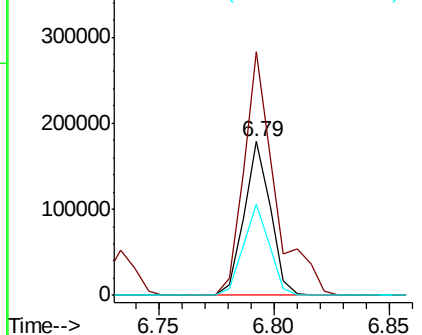
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion:152 Resp: 142025
Ion Ratio Lower Upper
152 100
150 158.2 125.6 188.4
115 59.6 46.2 69.2



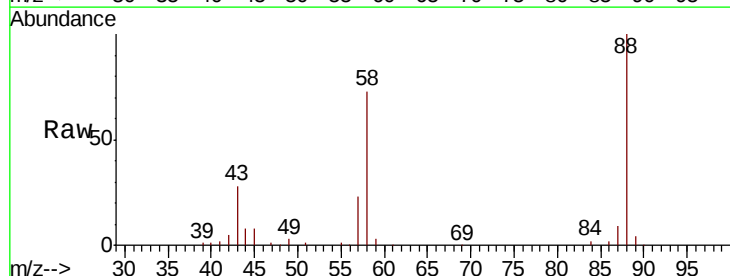
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



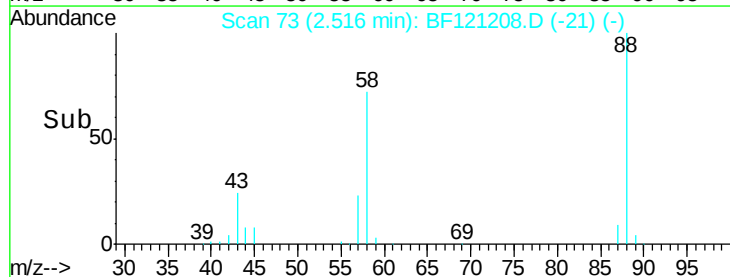
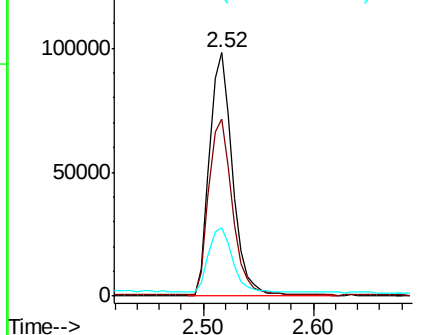
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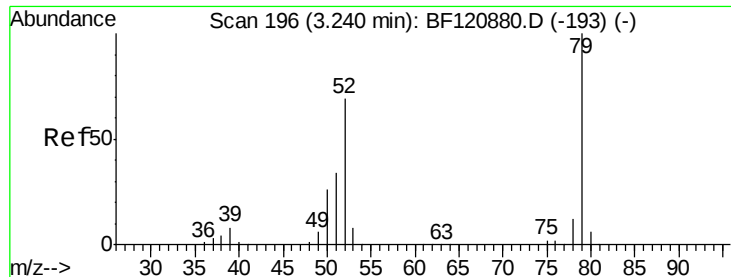
1,4-Dioxane
Concen: 35.494 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion: 88 Resp: 141521
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

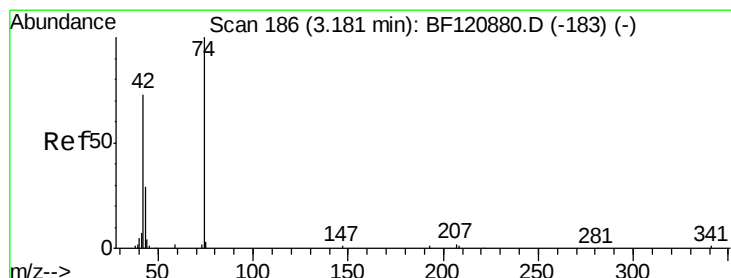
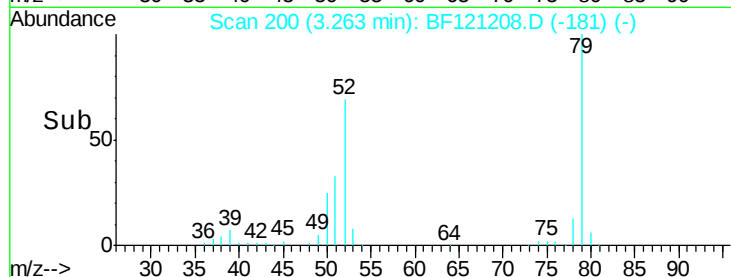
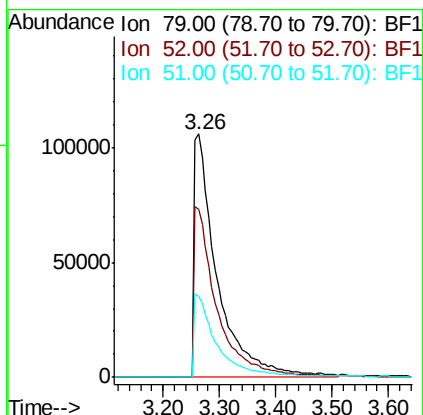
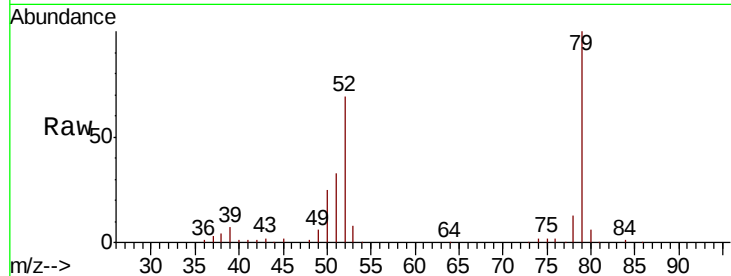




#3
 Pvridine
 Concen: 28.419 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

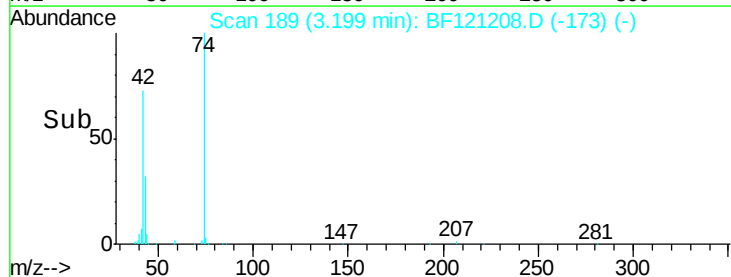
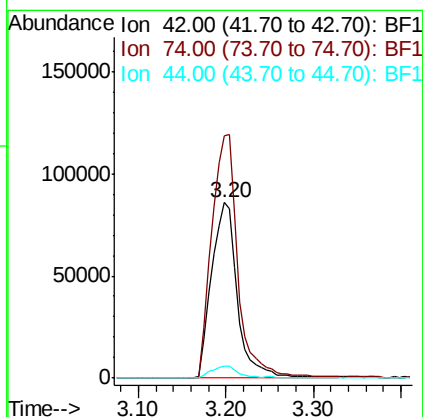
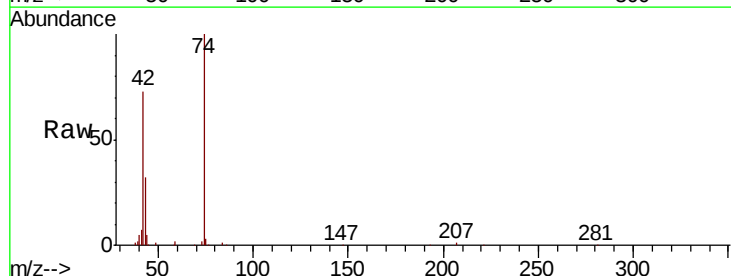
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

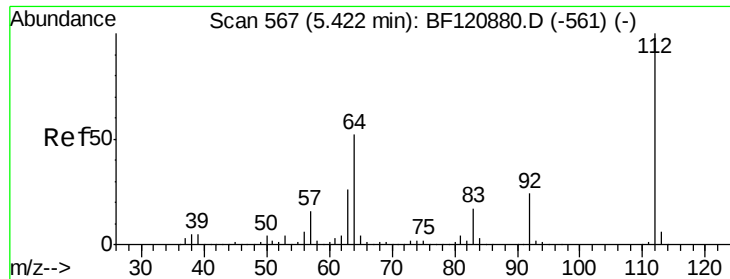
Tot Ion: 79 Resp: 301431
 Ion Ratio Lower Upper
 79 100
 52 68.8 54.9 82.3
 51 33.2 27.4 41.0



#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

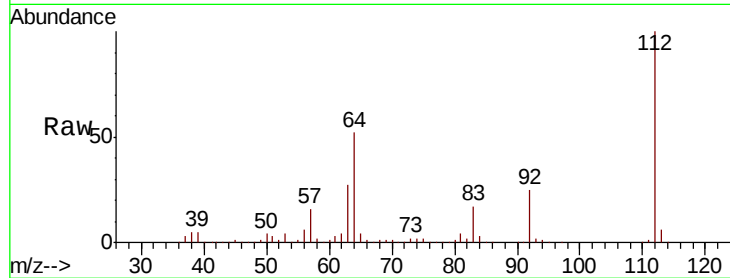
Tot Ion:112 Resp: 887213

Ion Ratio Lower Upper

112 100

64 52.5 43.9 65.9

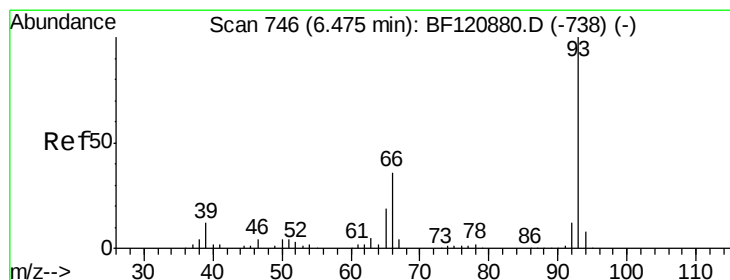
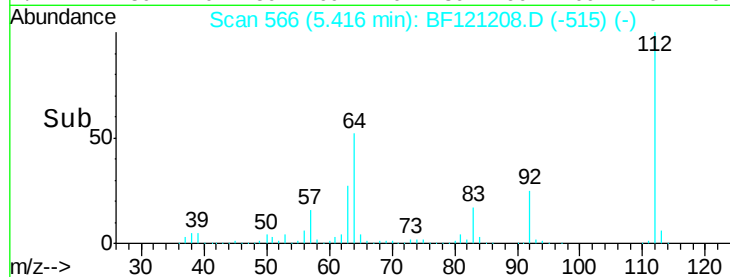
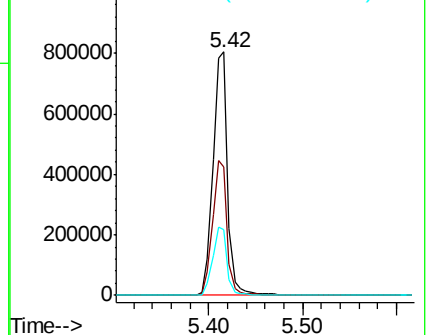
63 26.8 22.7 34.1



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

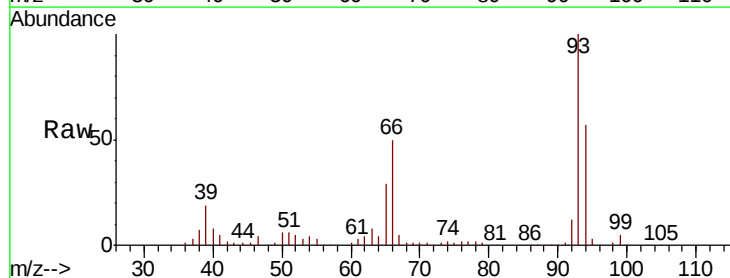
Tgt Ion: 93 Resp: 306829

Ion Ratio Lower Upper

93 100

66 50.0 31.0 46.4#

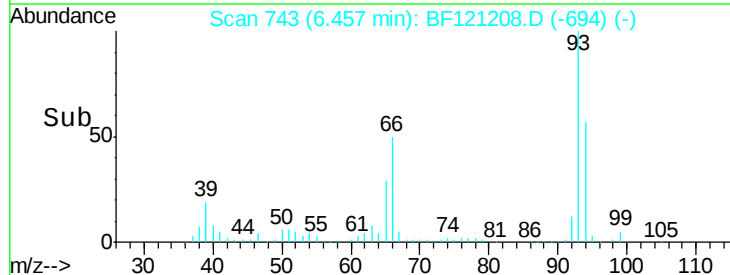
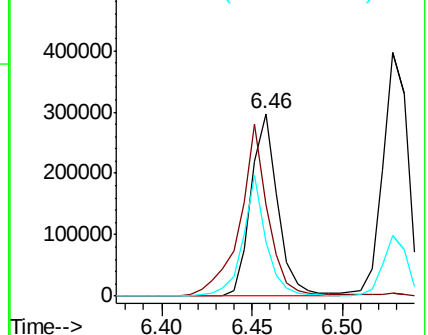
65 29.5 16.2 24.4#

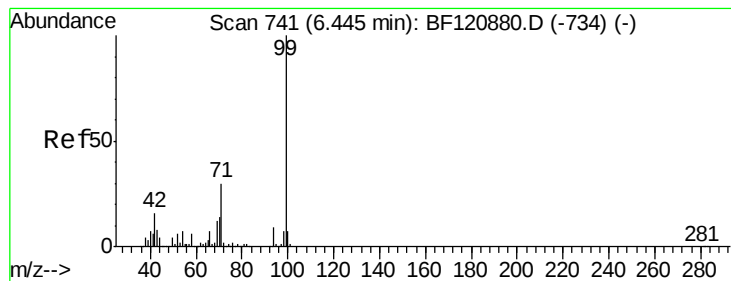


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

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ClientSampleId :

JB-1AMS

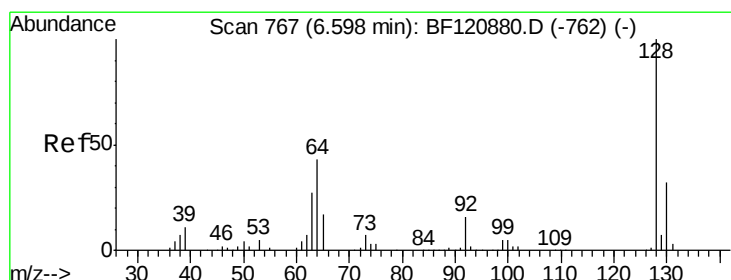
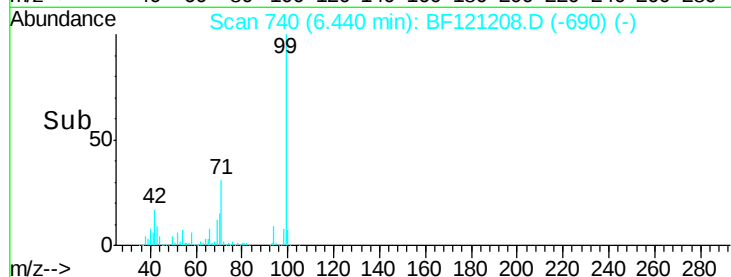
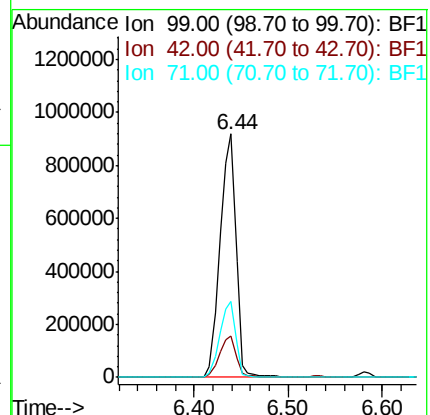
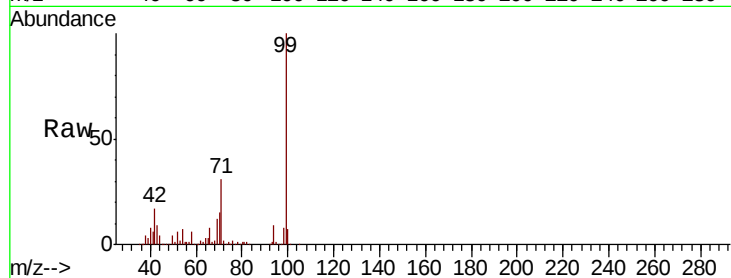
Tot Ion: 99 Resp: 1099490

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 31.0 25.0 37.4



#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

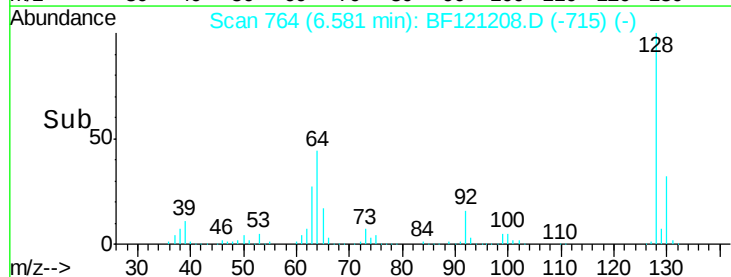
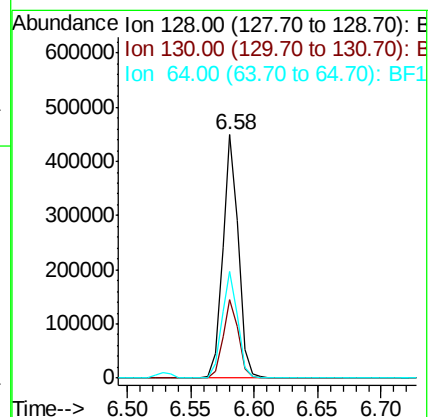
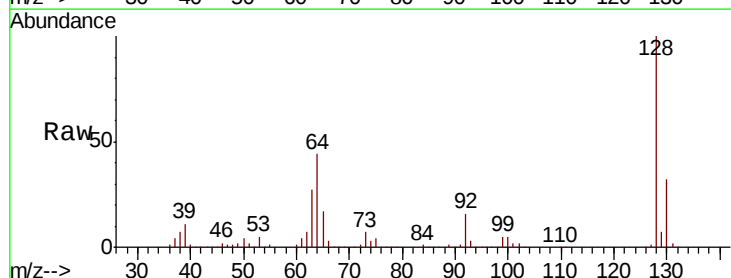
Tgt Ion: 128 Resp: 388766

Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 43.9 23.8 63.8





#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

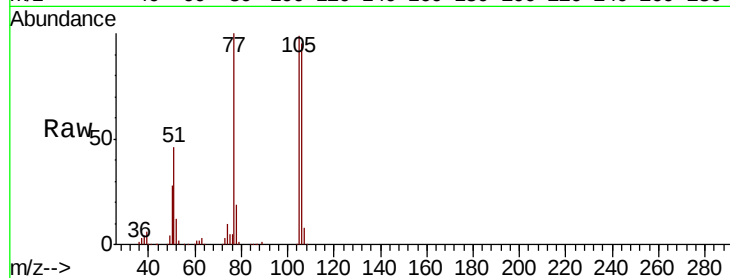
Tot Ion: 77 Resp: 255033

Ion Ratio Lower Upper

77 100

105 99.1 82.4 122.4

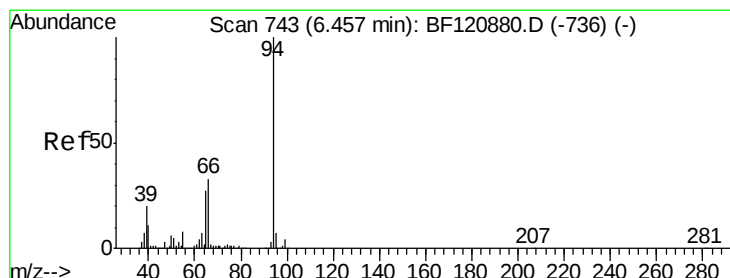
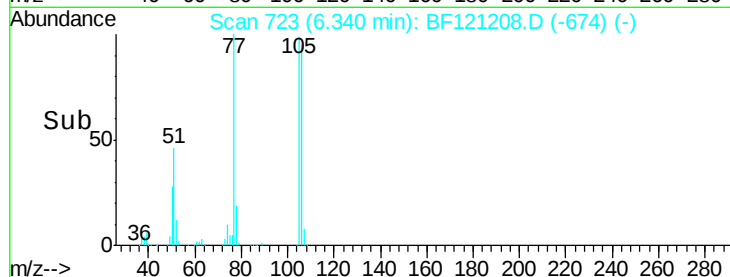
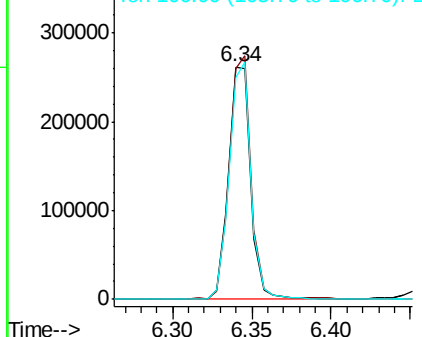
106 95.3 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#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

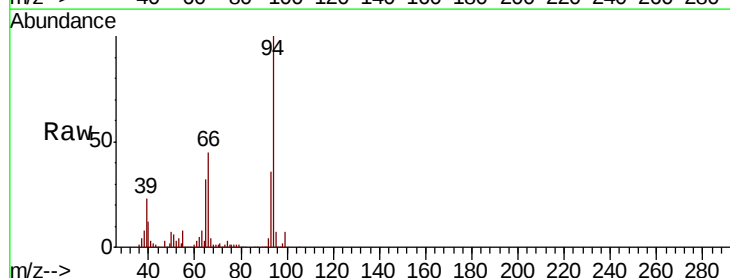
Tgt Ion: 94 Resp: 449931

Ion Ratio Lower Upper

94 100

65 32.0 12.6 52.6

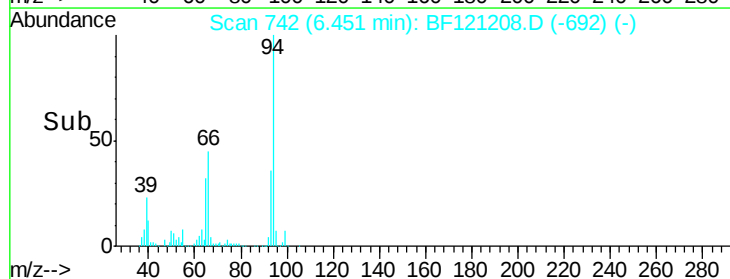
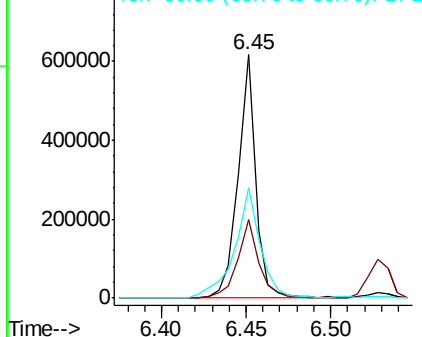
66 45.5 25.6 65.6

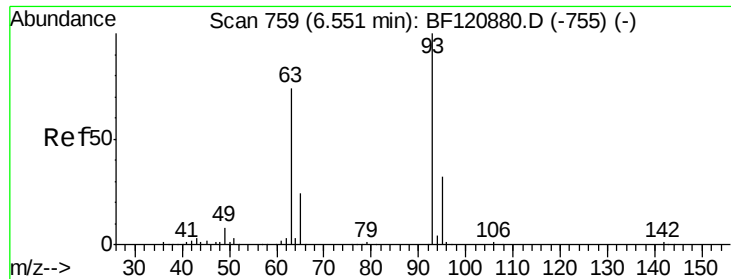


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#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

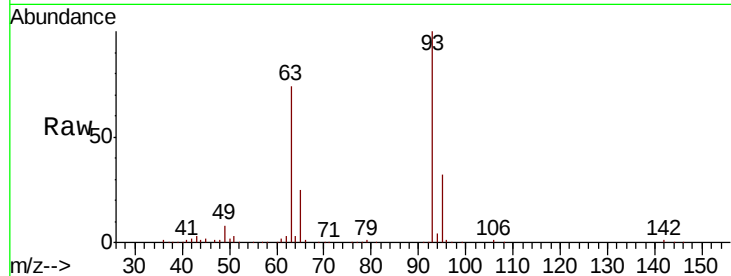
Tot Ion: 93 Resp: 382071

Ion Ratio Lower Upper

93 100

63 74.4 51.9 91.9

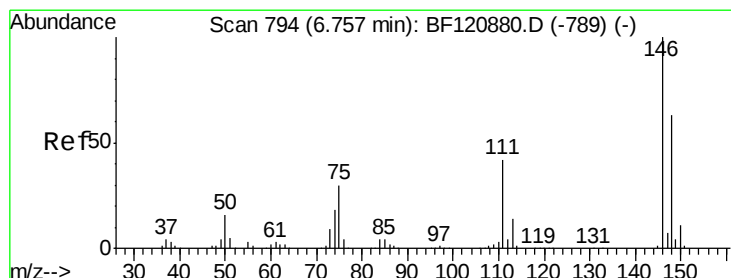
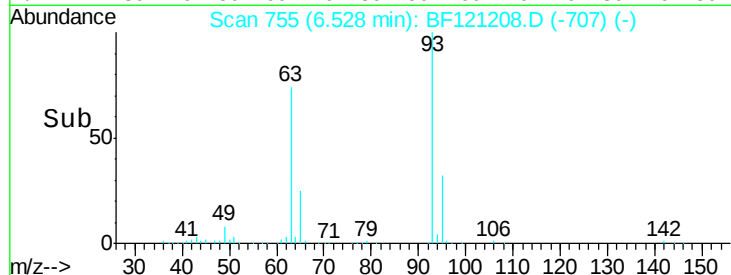
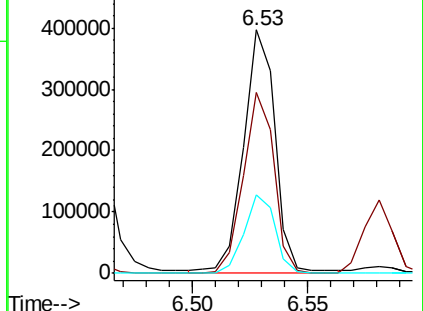
95 32.1 13.2 53.2



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#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

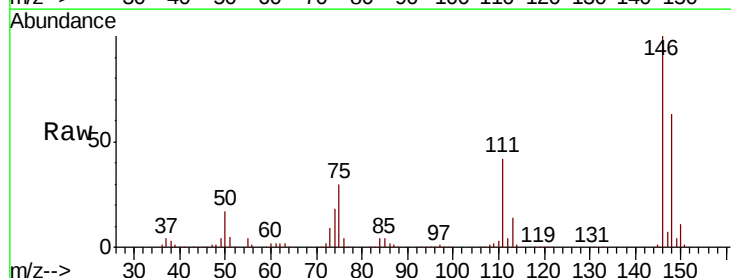
Tgt Ion: 146 Resp: 392333

Ion Ratio Lower Upper

146 100

148 63.0 51.7 77.5

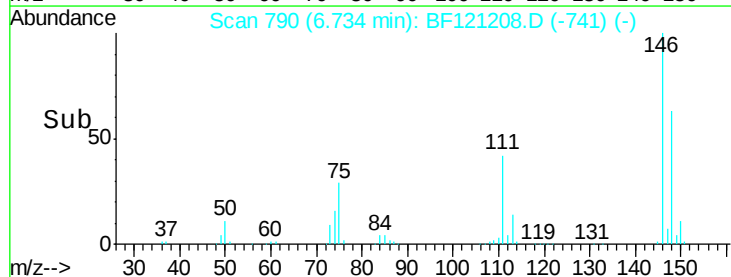
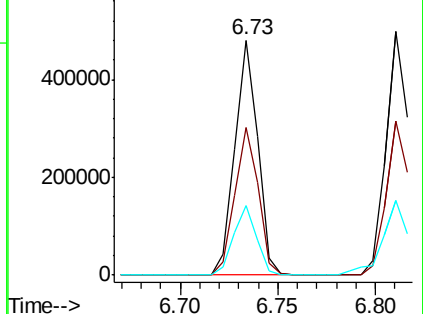
75 29.6 23.8 35.6

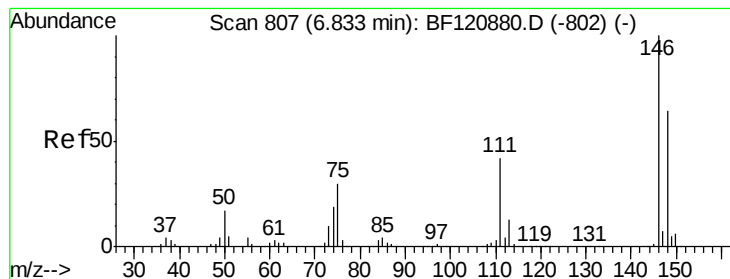


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#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

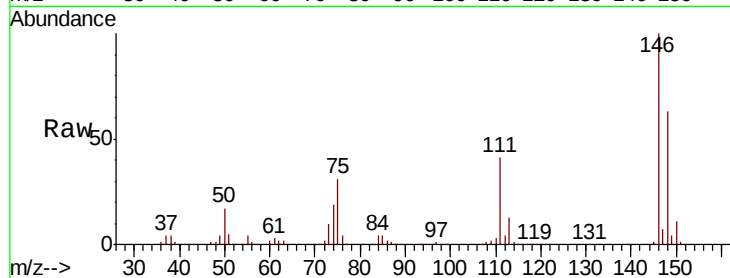
Tot Ion:146 Resp: 398357

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

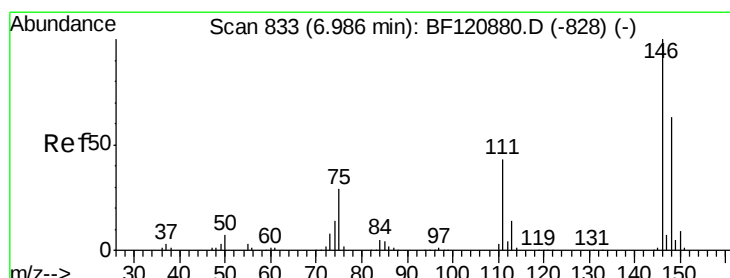
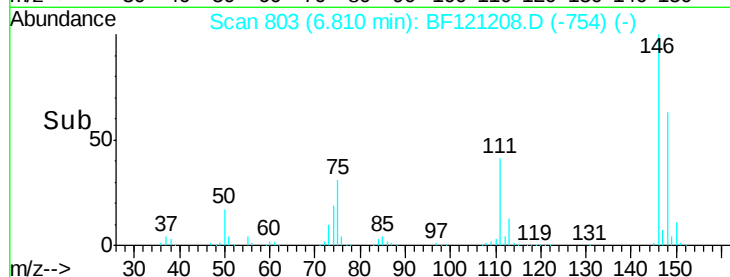
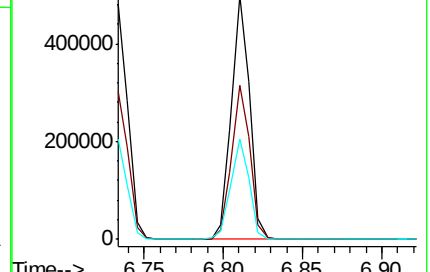
111 41.2 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#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

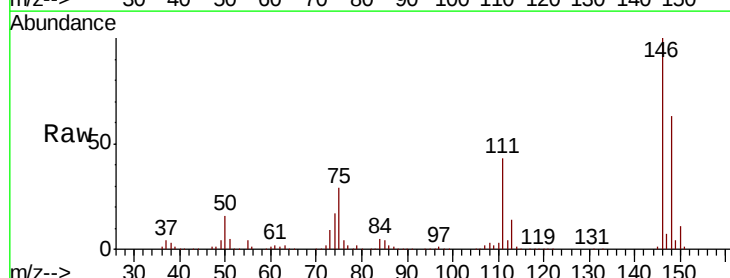
Tgt Ion:146 Resp: 383117

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

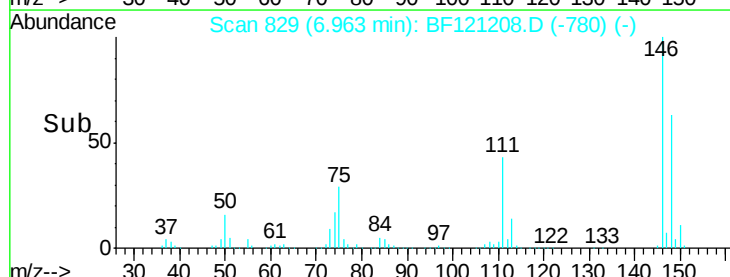
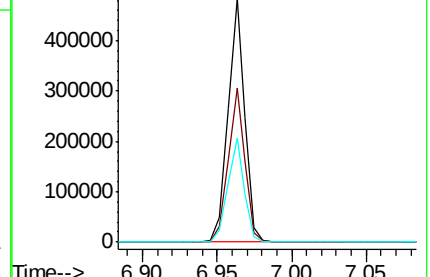
111 42.8 35.4 53.0

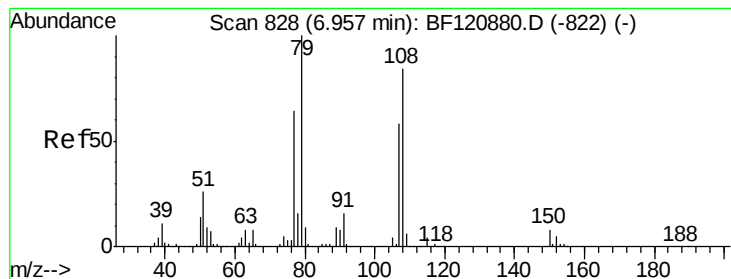


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

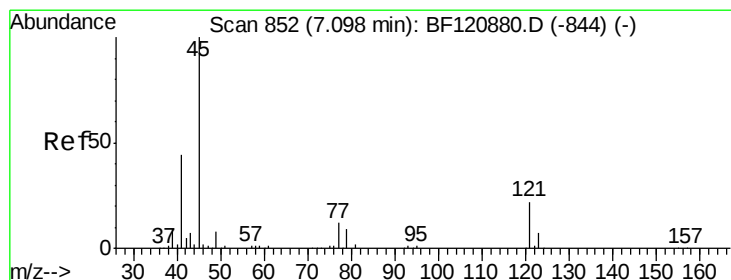
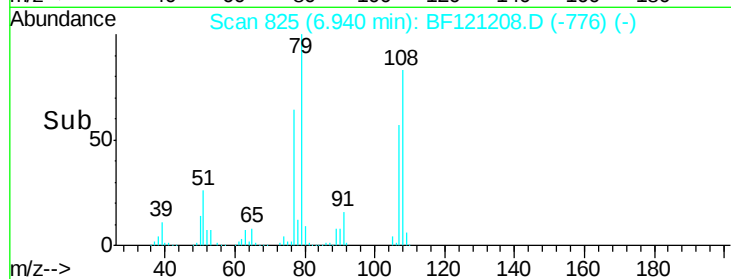
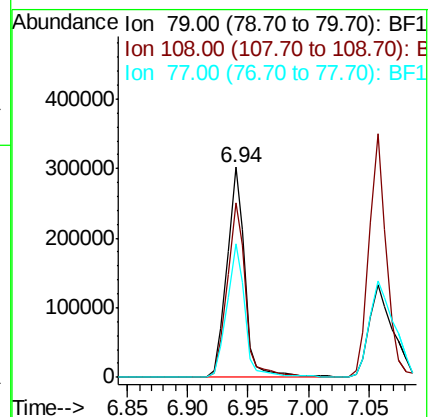
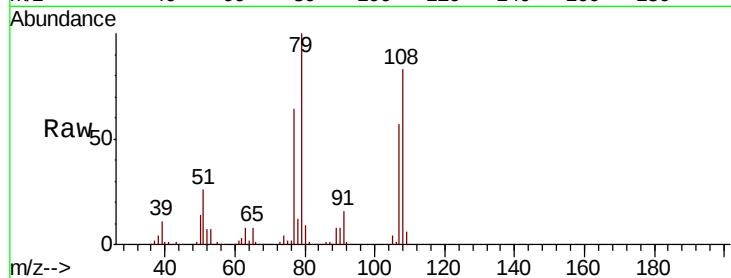
Tot Ion: 79 Resp: 312006

Ion Ratio Lower Upper

79 100

108 83.2 68.6 103.0

77 63.7 51.4 77.2



#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

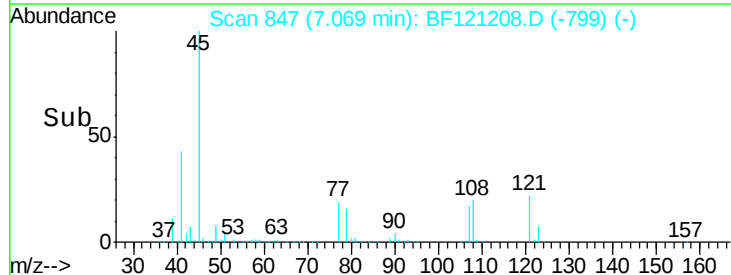
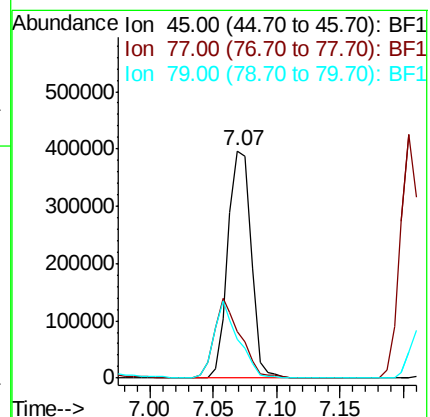
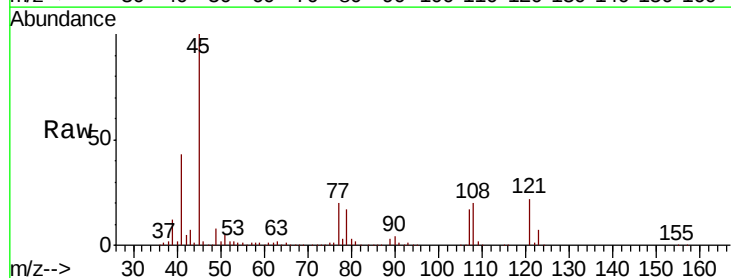
Tgt Ion: 45 Resp: 506727

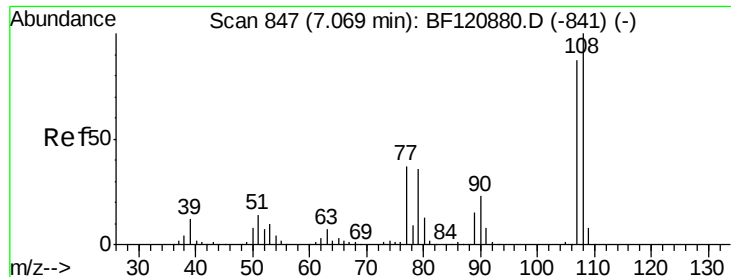
Ion Ratio Lower Upper

45 100

77 20.4 0.0 34.7

79 17.3 0.0 32.0

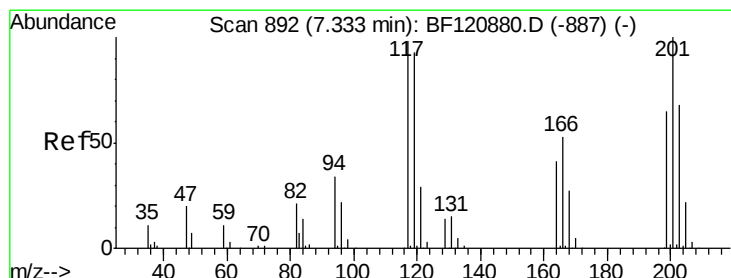
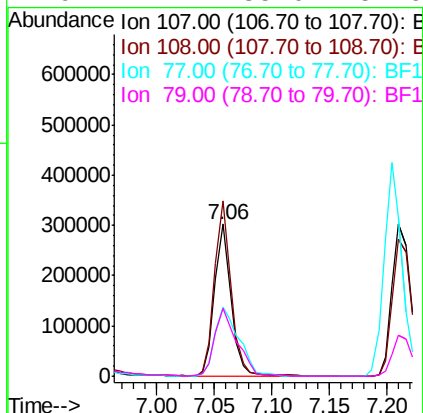
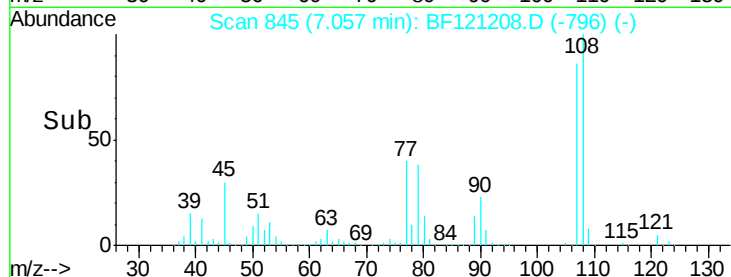
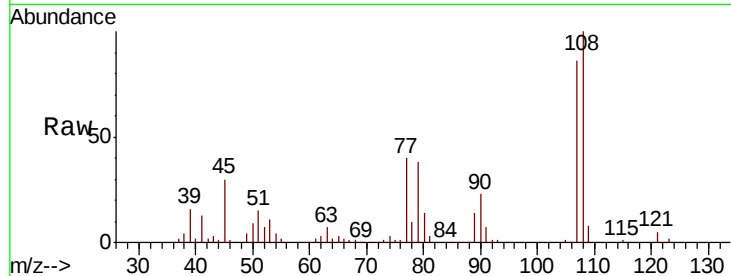




#17
2-Methylphenol
Concen: 35.807 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

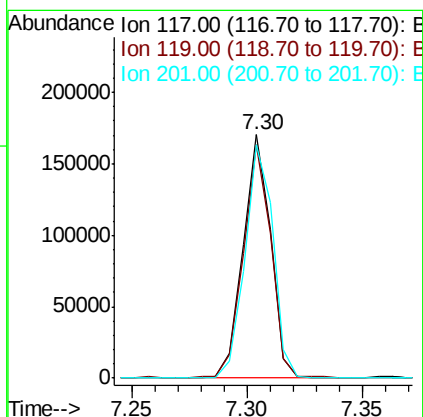
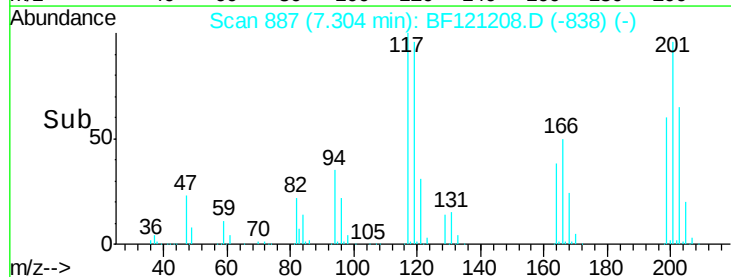
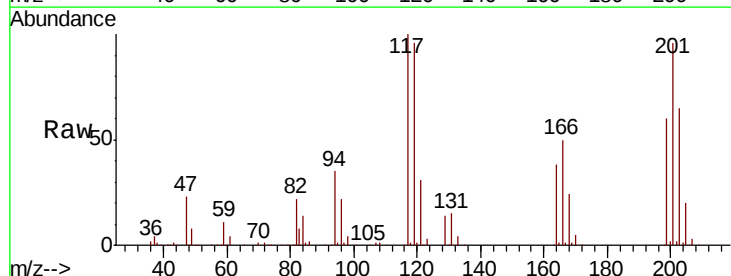
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

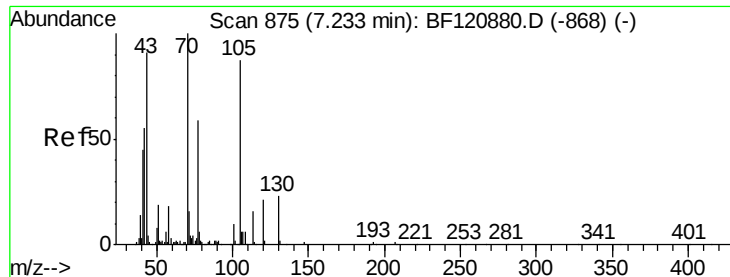
Tot Ion:	107	Resp:	302891
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.2	136.8
77	45.8	36.5	54.7
79	44.2	35.0	52.6



#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:	117	Resp:	141987
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	114.8
201	95.7	75.0	112.4

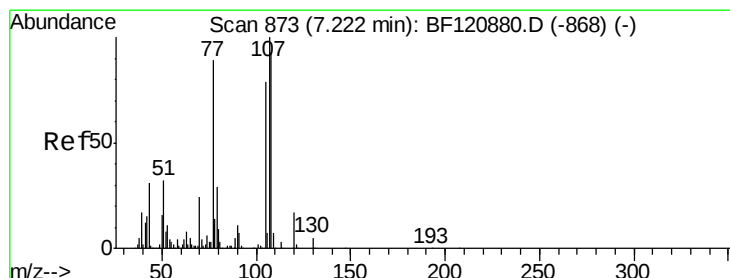
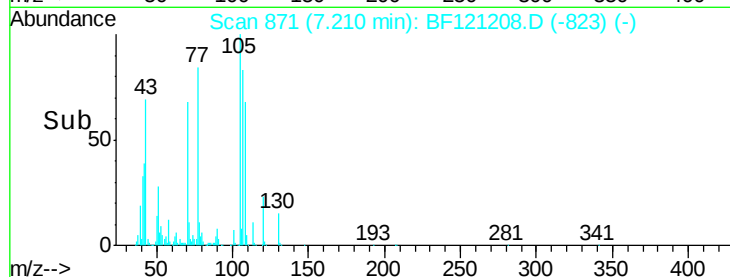
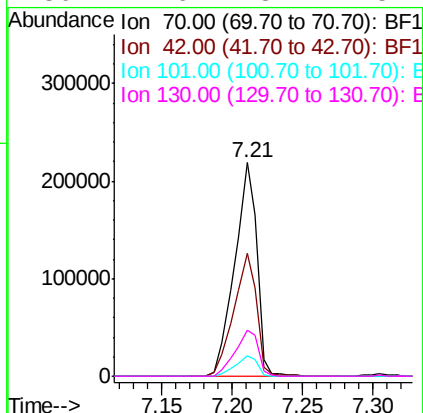
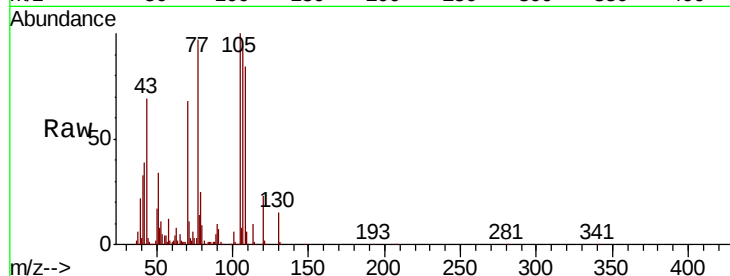




#19
n-Nitroso-di-n-propylamine
Concen: 37.705 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

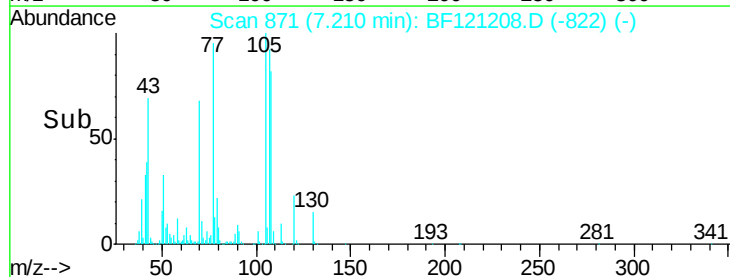
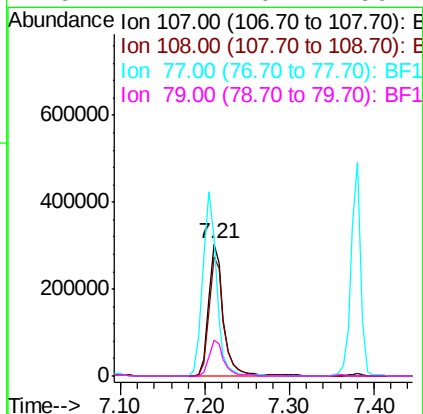
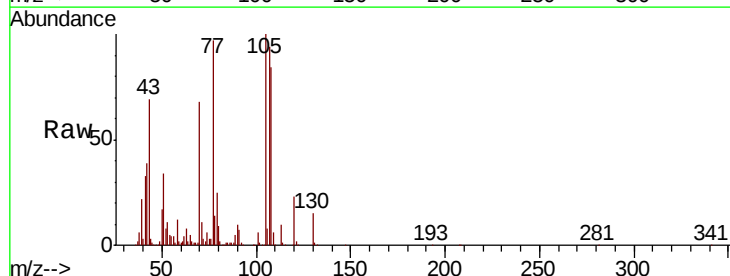
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

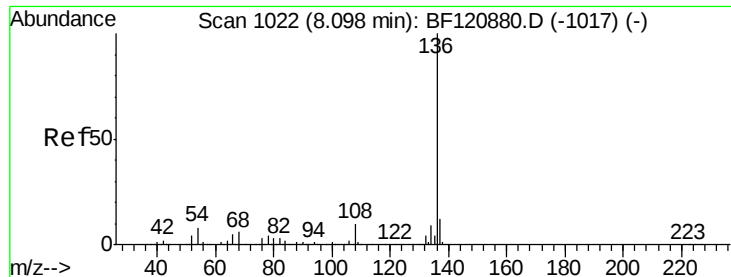
Tot Ion:	70	Resp:	239936
Ion	Ratio	Lower	Upper
70	100		
42	57.7	43.3	64.9
101	9.5	8.4	12.6
130	21.6	18.7	28.1



#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:	107	Resp:	368101
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:136 Resp: 559833

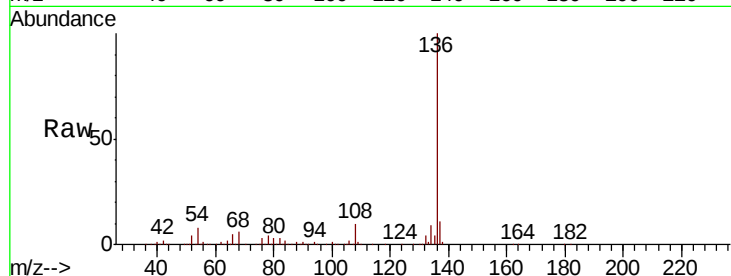
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.8 6.1 9.1

68 6.1 5.0 7.6

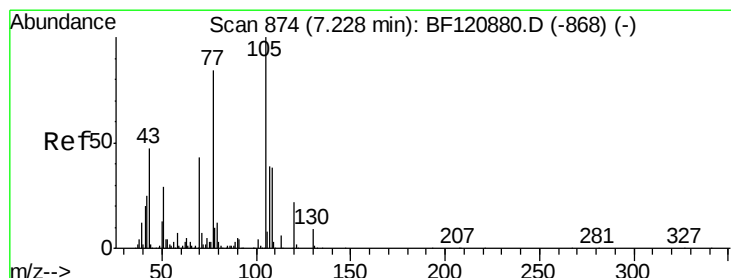
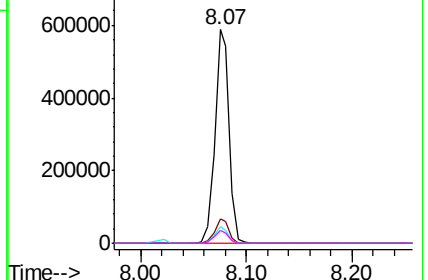
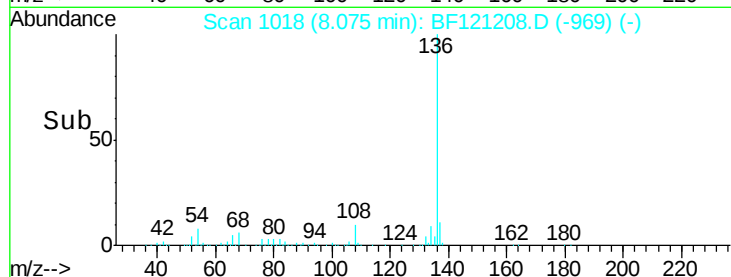


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.624 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:105 Resp: 497855

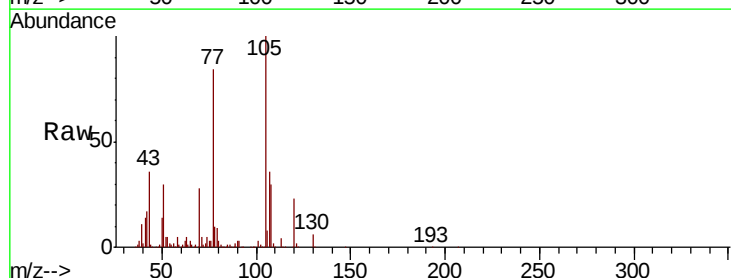
Ion Ratio Lower Upper

105 100

71 4.9 3.8 5.8

51 29.7 28.0 42.0

120 22.7 17.8 26.6

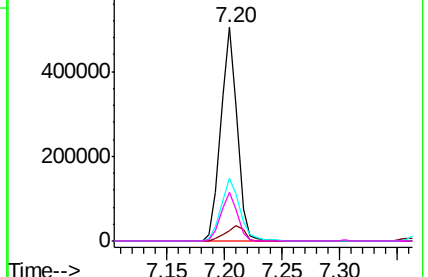
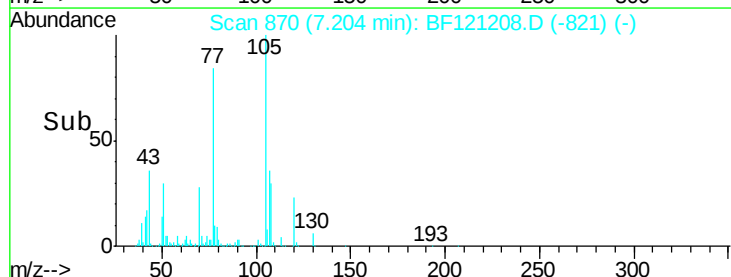


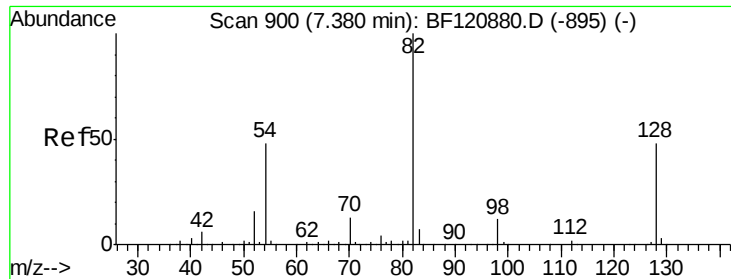
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

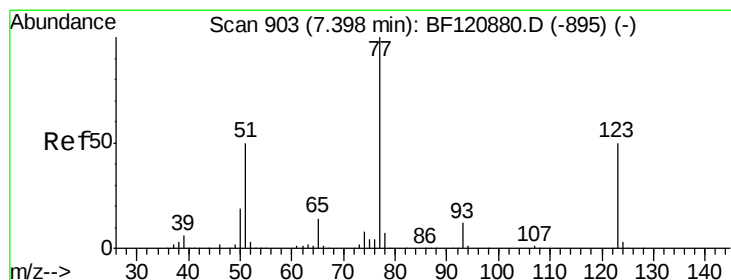
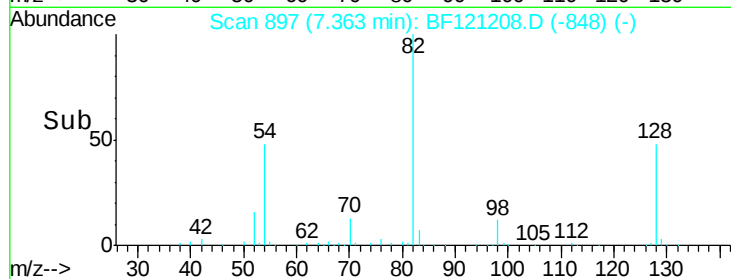
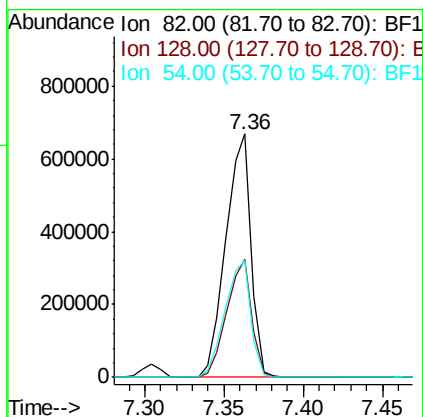
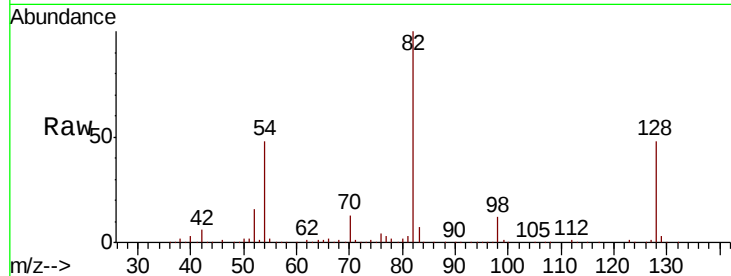




#23
Nitrobenzene-d5
Concen: 76.299 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

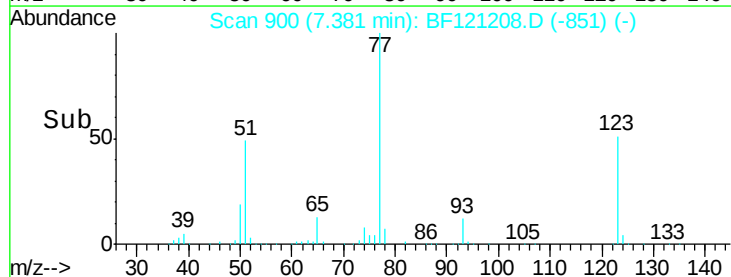
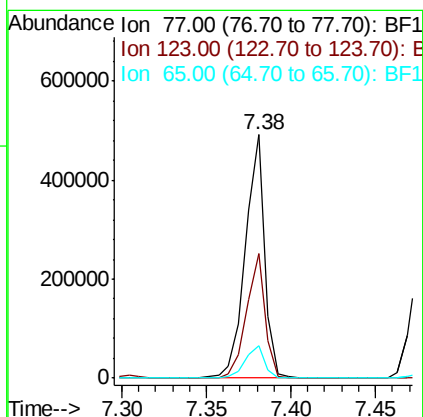
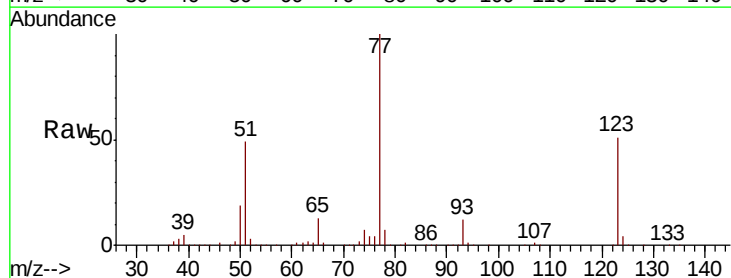
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

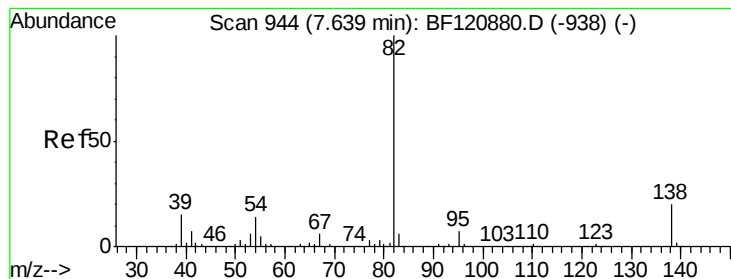
Tot Ion: 82 Resp: 738199
Ion Ratio Lower Upper
82 100
128 48.3 39.2 58.8
54 48.2 37.8 56.8



#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

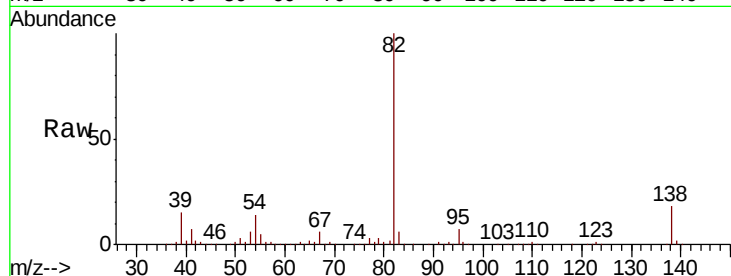
Tot Ion: 82 Resp: 700944

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

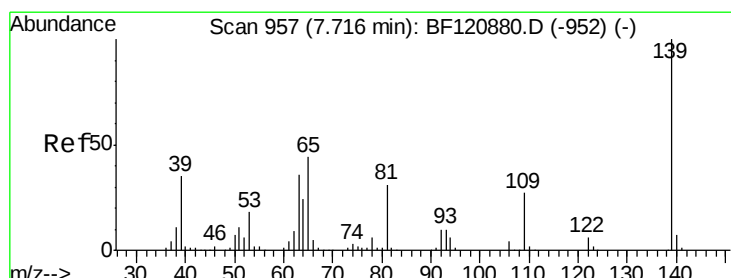
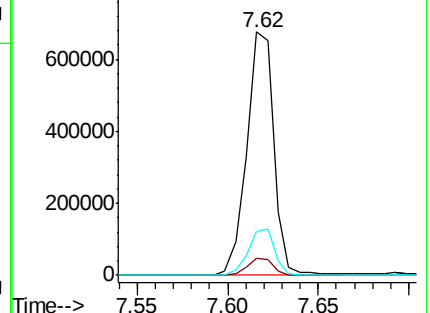
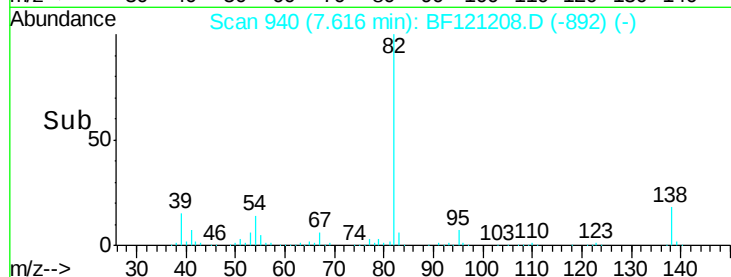
138 18.0 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#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

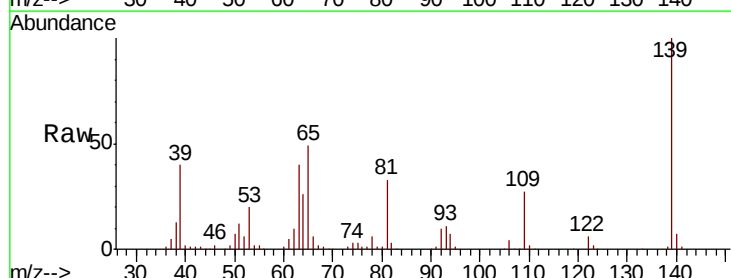
Tgt Ion: 139 Resp: 208666

Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

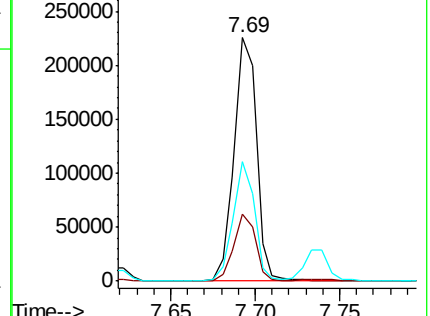
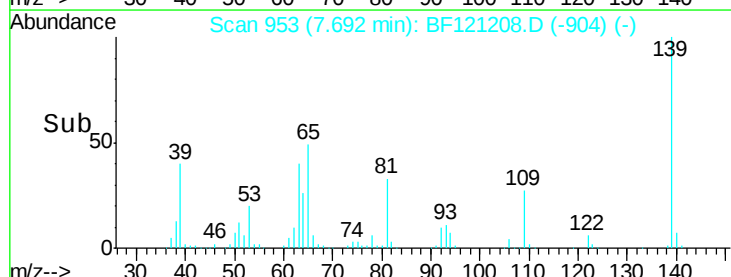
65 49.2 36.3 54.5

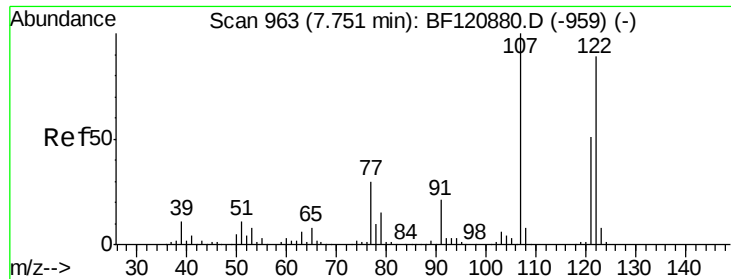


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

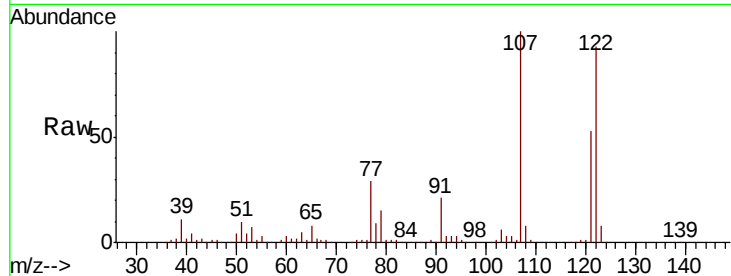




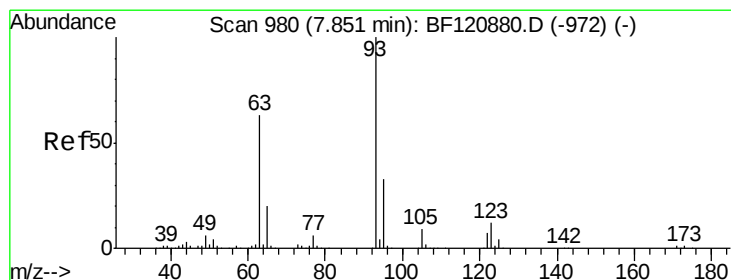
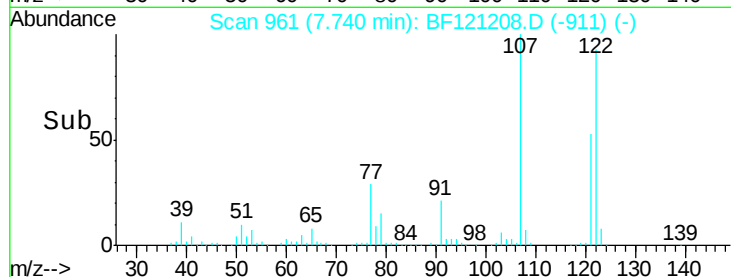
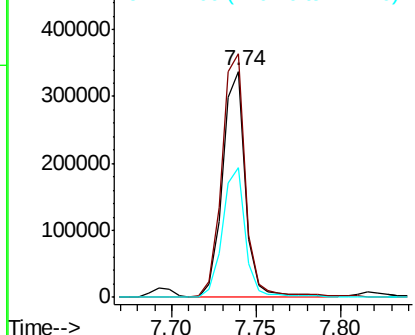
#27
 2,4-Dimethylphenol
 Concen: 39.677 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

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

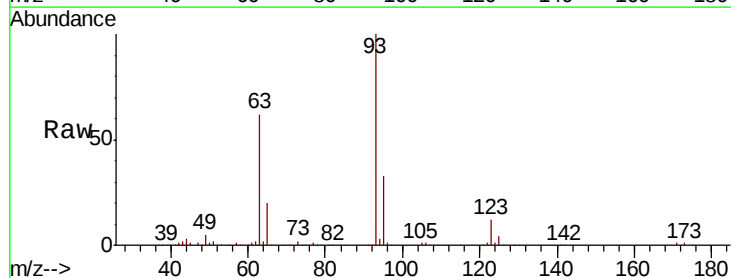


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

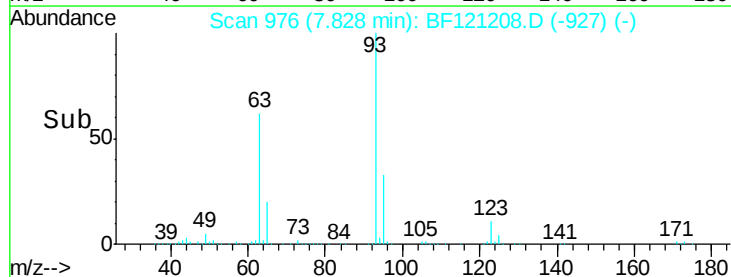
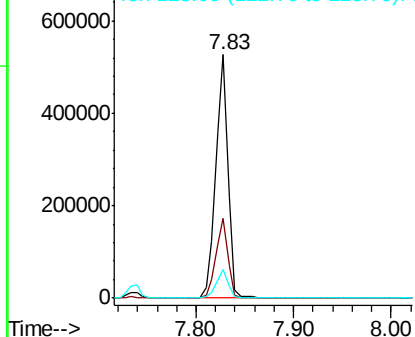


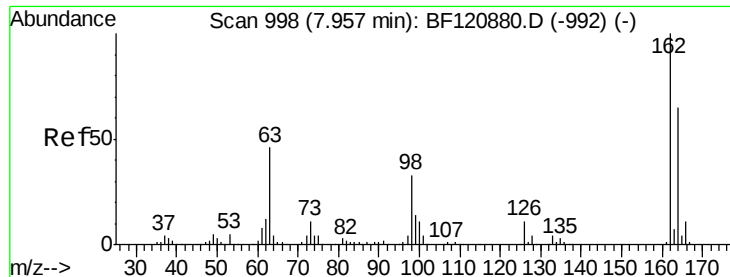
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.685 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

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



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

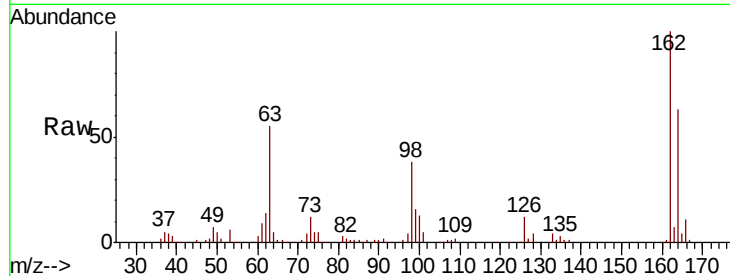




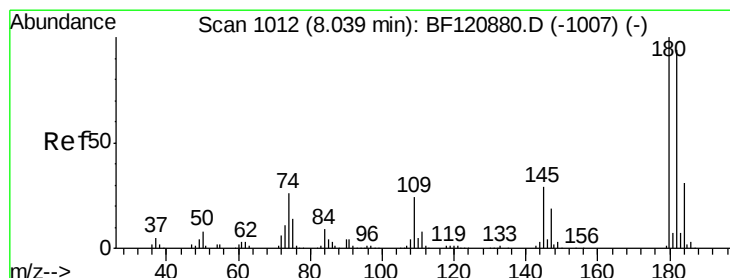
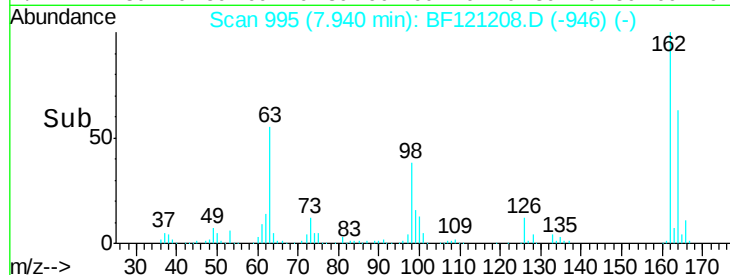
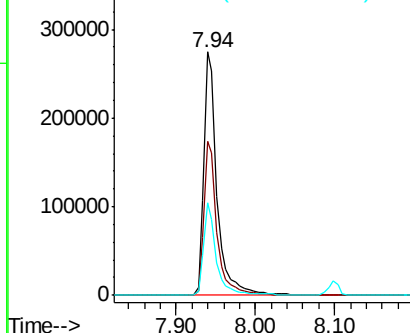
#29
2,4-Dichlorophenol
Concen: 39.540 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

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

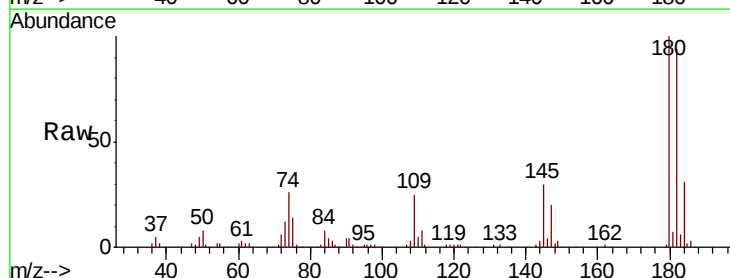


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

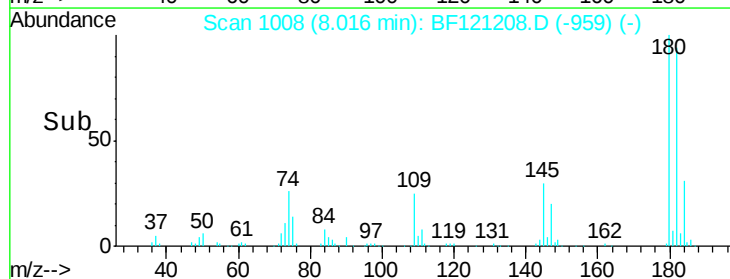
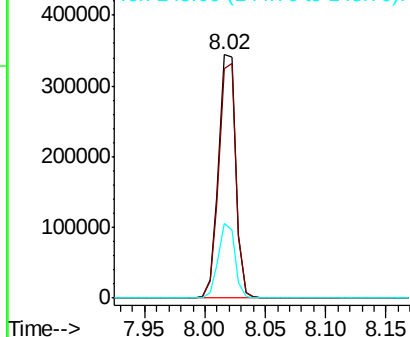


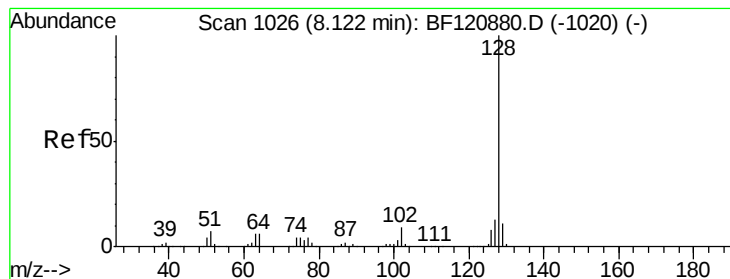
#30
1,2,4-Trichlorobenzene
Concen: 37.066 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
180	100		
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

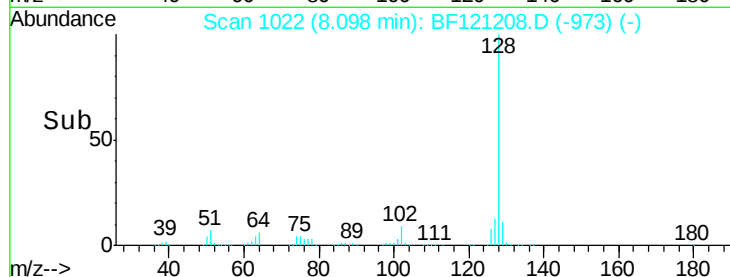
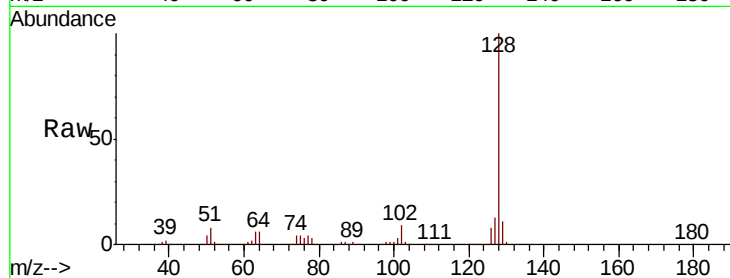
Tot Ion:128 Resp: 1099498

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

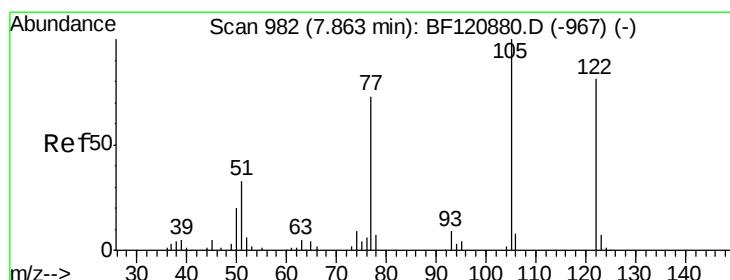
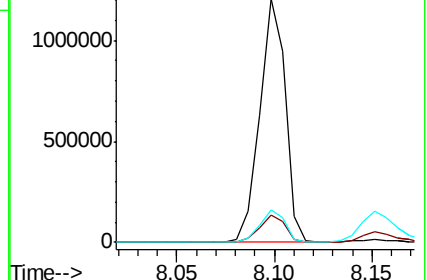
127 13.4 10.8 16.2



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: 52.856 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.14 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

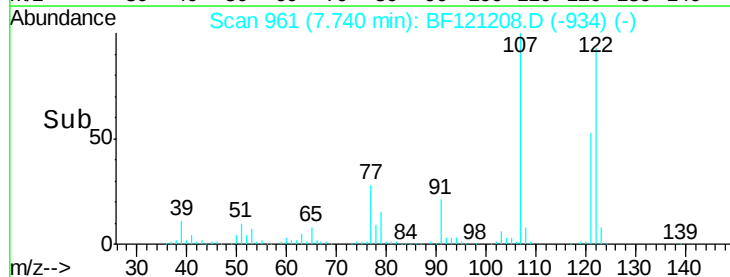
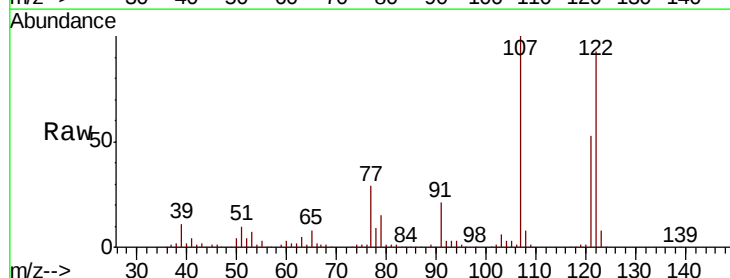
Tgt Ion:122 Resp: 319044

Ion Ratio Lower Upper

122 100

105 3.4 100.9 140.9#

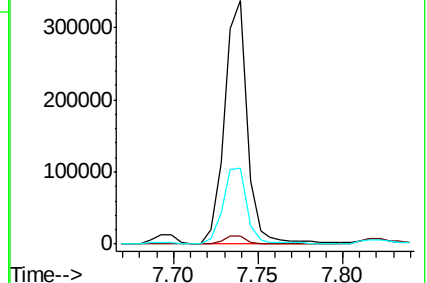
77 31.0 67.8 107.8#

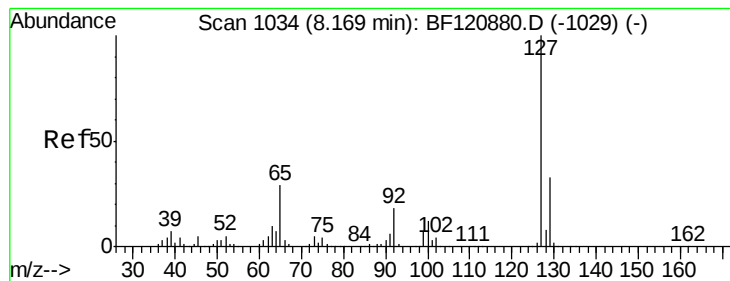


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 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:127 Resp: 210366

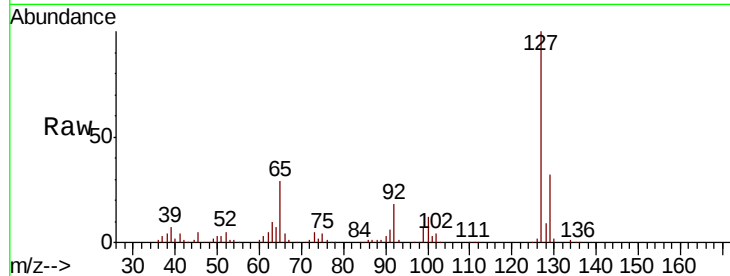
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.2

65 28.5 21.4 32.0

92 18.1 13.8 20.8

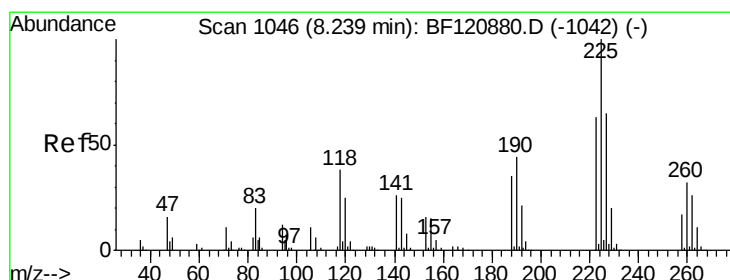
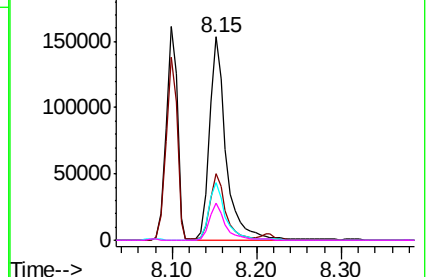
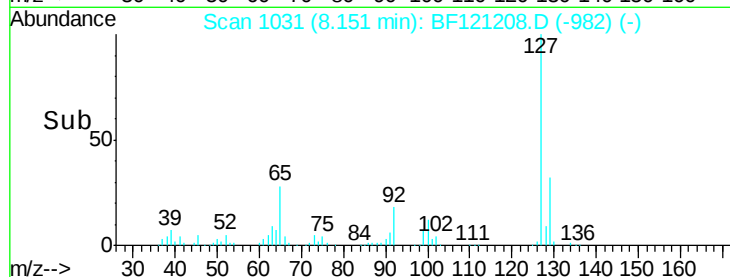


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#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

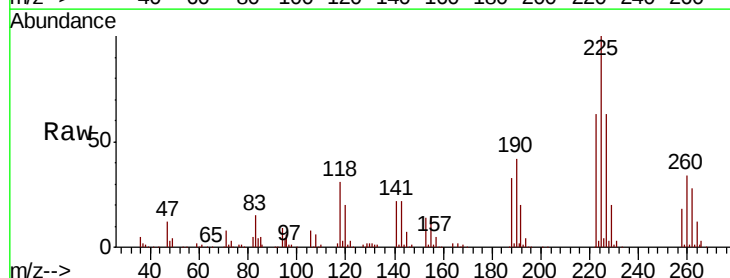
Tgt Ion:225 Resp: 190103

Ion Ratio Lower Upper

225 100

223 63.5 49.7 74.5

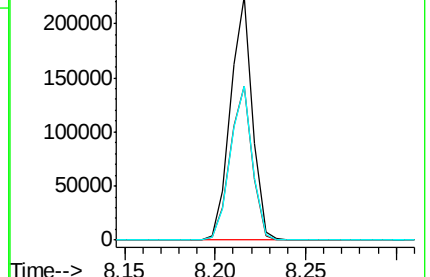
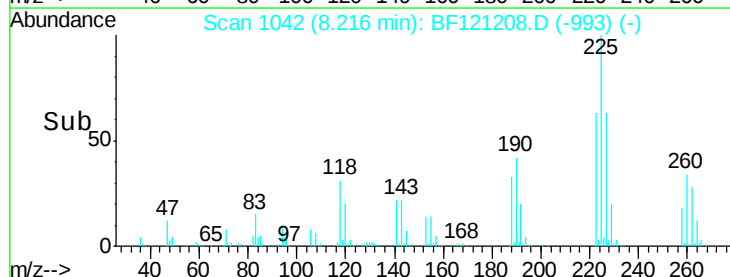
227 63.1 51.4 77.0

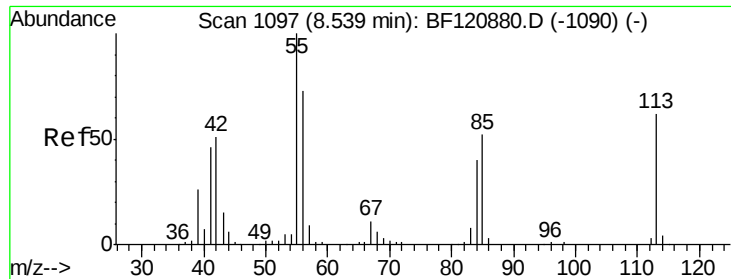


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.327 ng

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

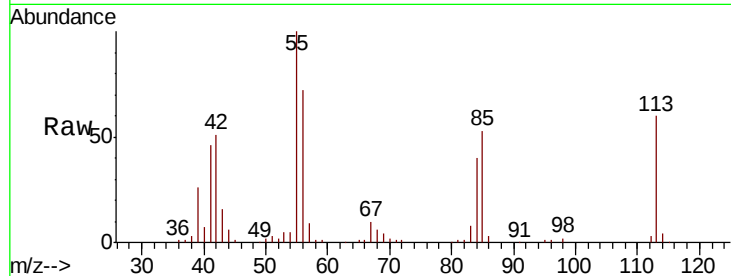
Tot Ion:113 Resp: 79911

Ion Ratio Lower Upper

113 100

55 168.0 131.0 171.0

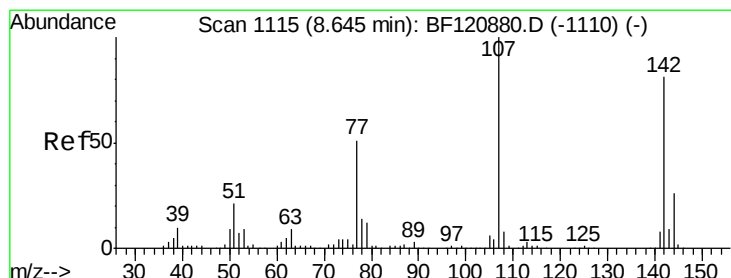
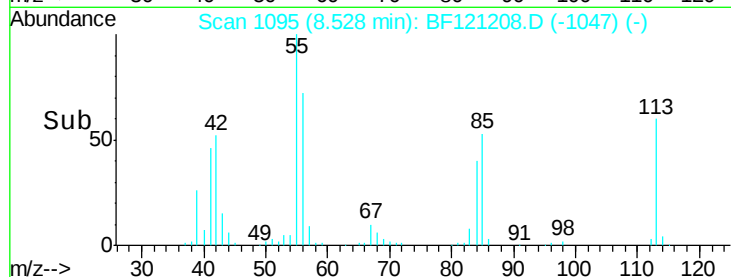
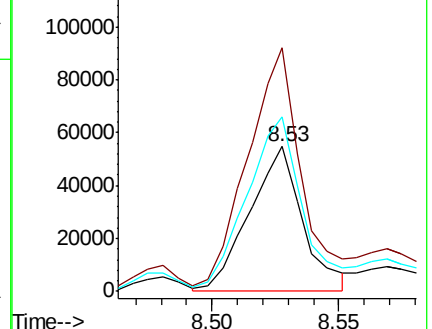
56 120.8 90.4 130.4



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

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

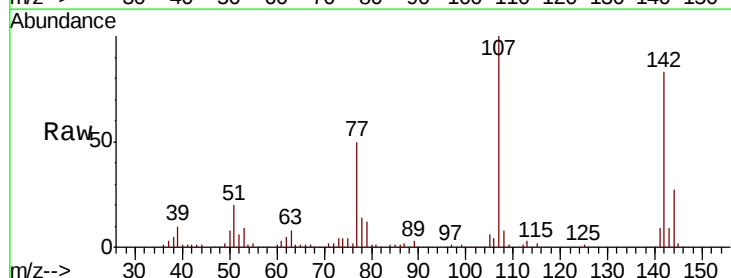
Tgt Ion:107 Resp: 329638

Ion Ratio Lower Upper

107 100

144 26.7 20.9 31.3

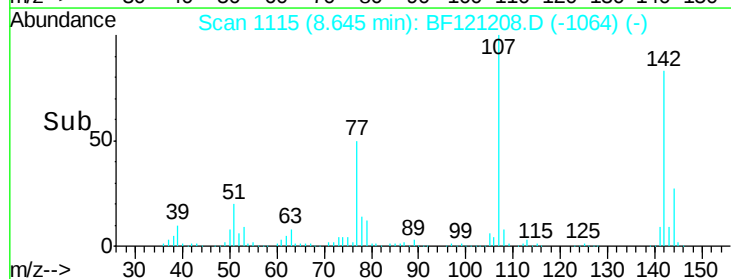
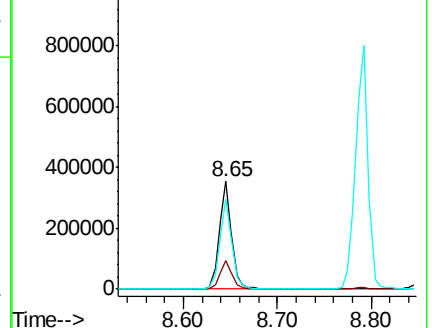
142 83.0 64.5 96.7

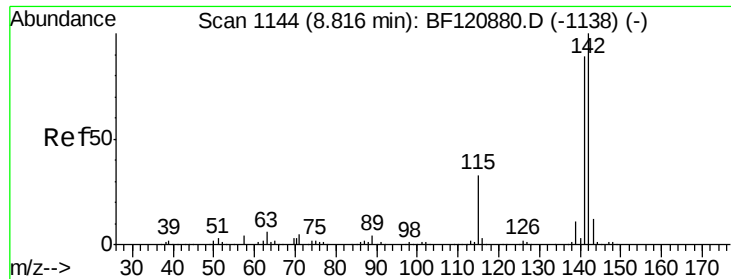


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

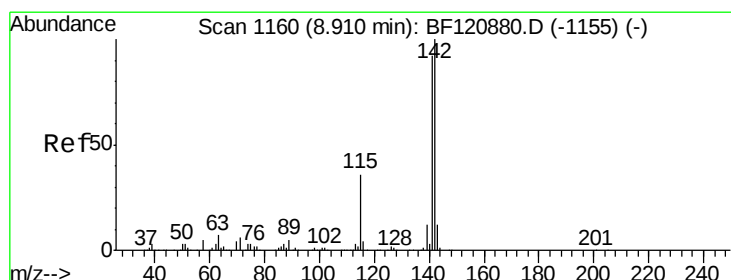
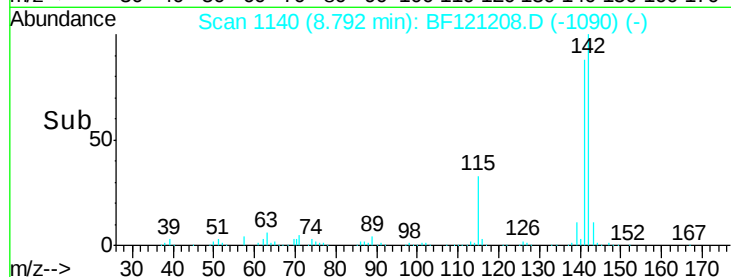
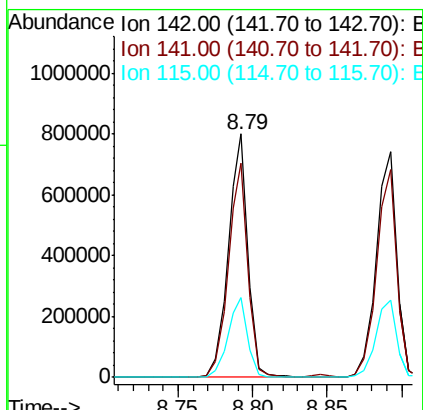
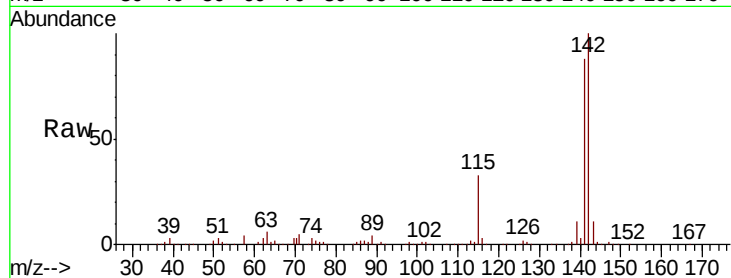




#37
2-Methylnaphthalene
Concen: 39.773 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

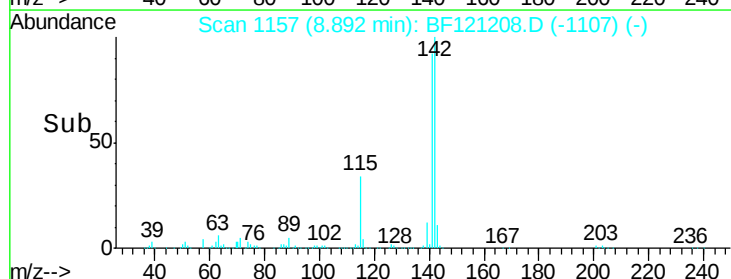
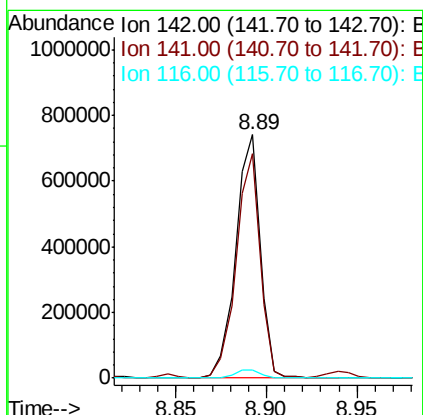
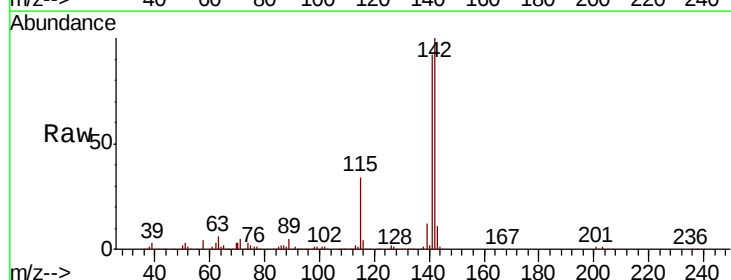
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

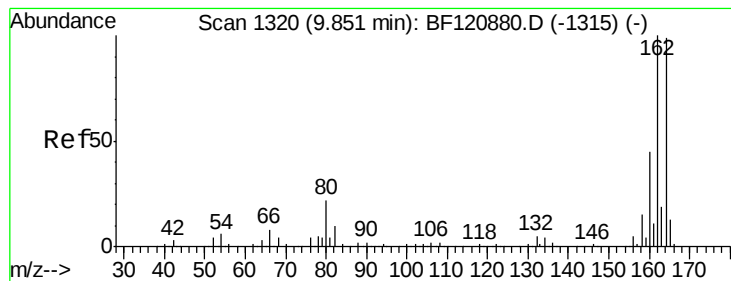
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	105.8
115	32.6	27.1	40.7



#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	Lower	Upper
142	100		
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

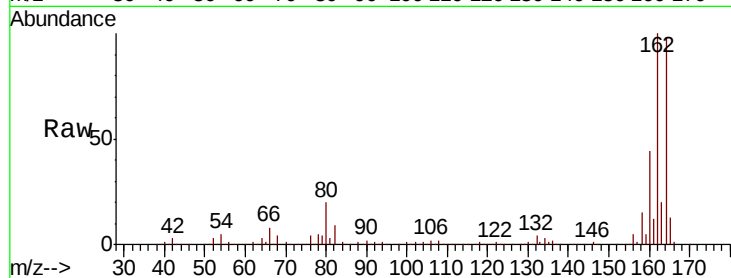
Tot Ion:164 Resp: 293976

Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

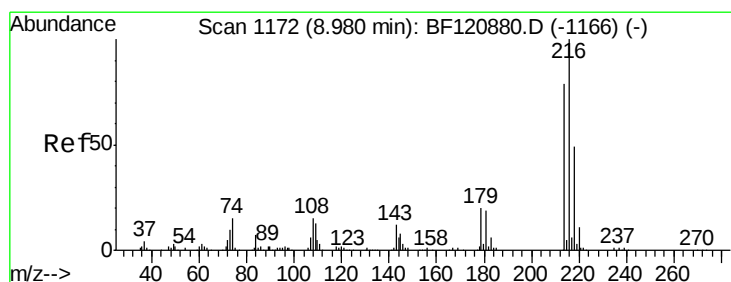
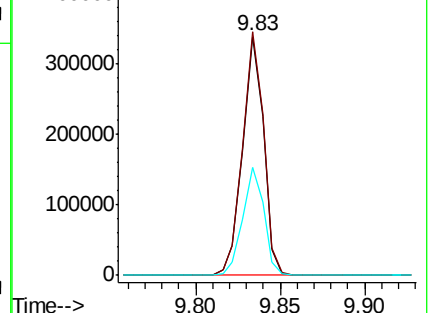
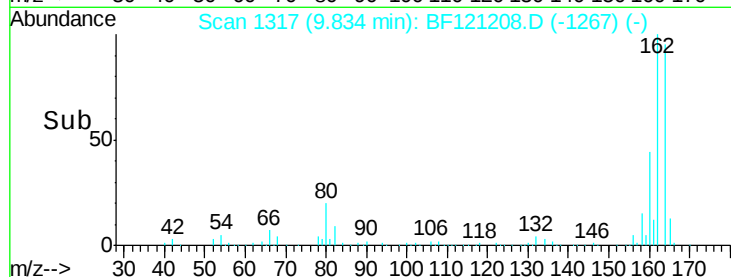
160 45.1 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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:216 Resp: 335647

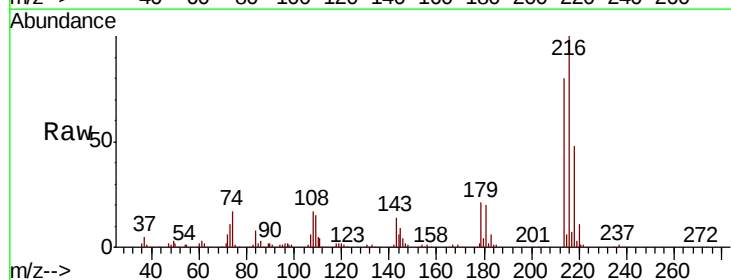
Ion Ratio Lower Upper

216 100

214 79.4 63.9 95.9

179 20.7 16.6 24.8

108 18.5 15.0 22.4

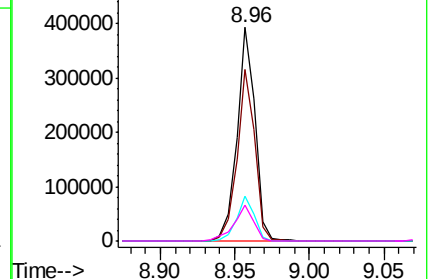
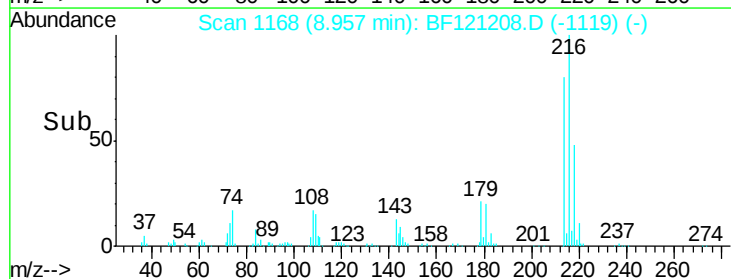


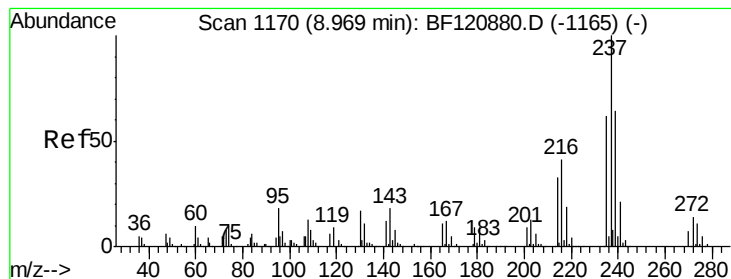
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 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

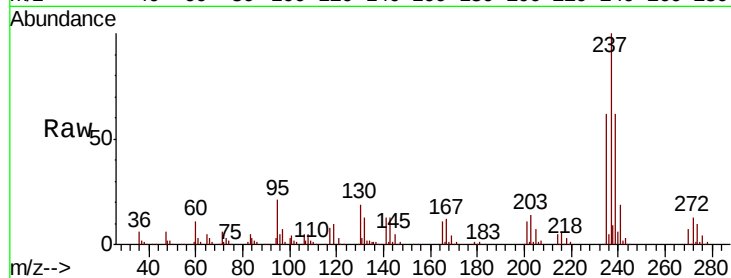
Tot Ion:237 Resp: 164424

Ion Ratio Lower Upper

237 100

235 61.9 43.2 83.2

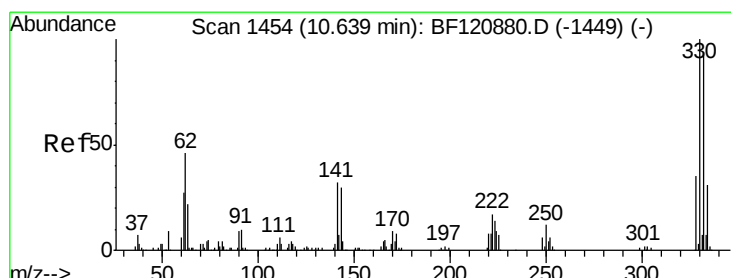
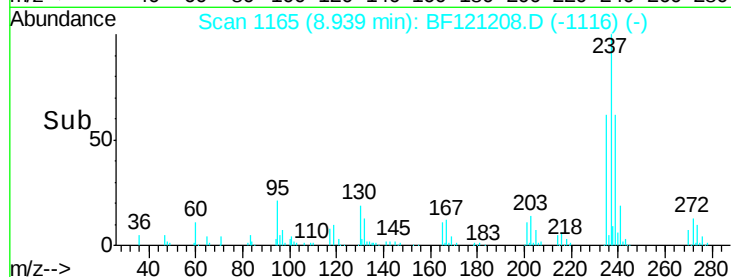
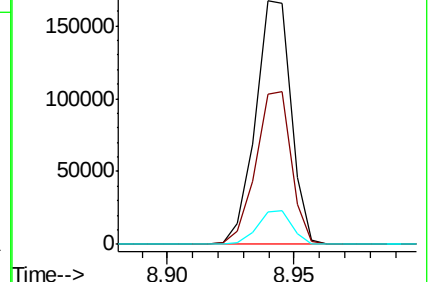
272 13.1 0.0 33.6



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

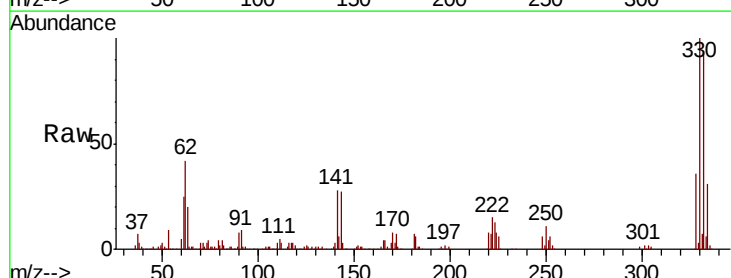
Tgt Ion:330 Resp: 315916

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

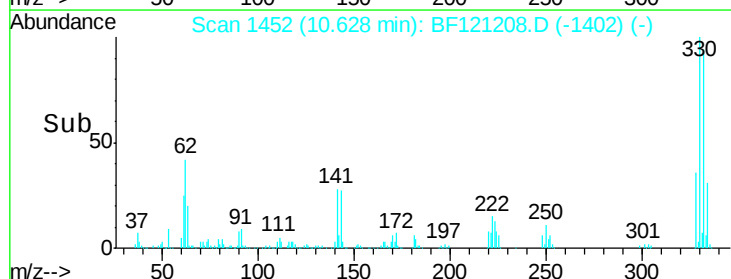
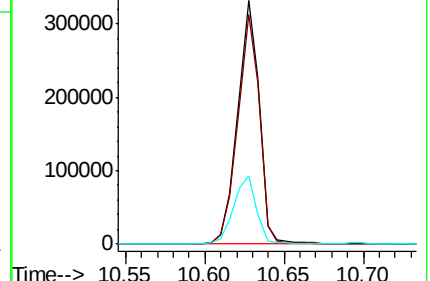
141 29.4 24.1 36.1

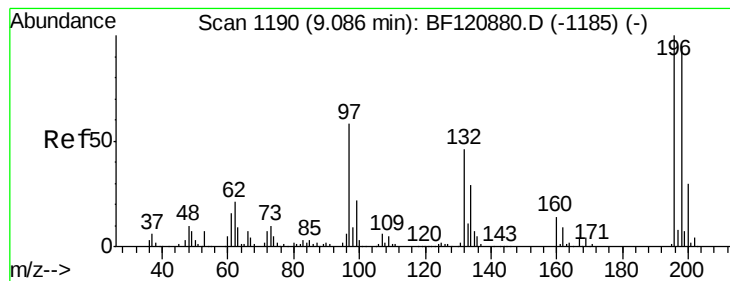


Abundance Ion 329.80 (329.50 to 330.50): E

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

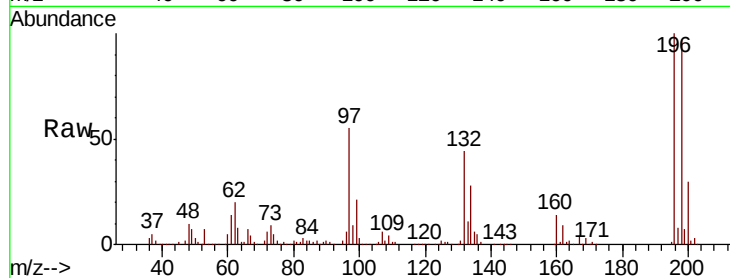
Tot Ion:196 Resp: 231135

Ion Ratio Lower Upper

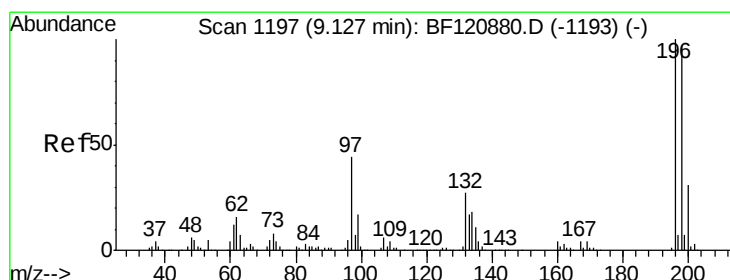
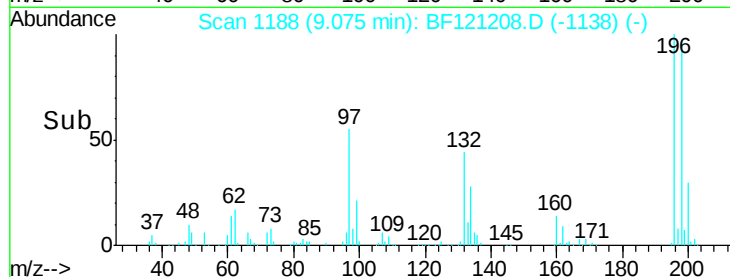
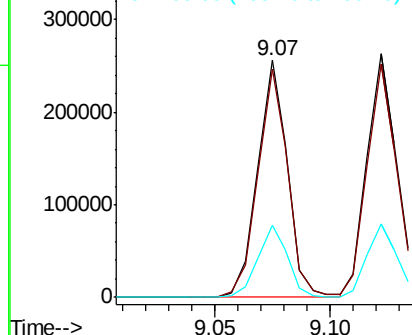
196 100

198 96.6 77.5 116.3

200 30.2 24.6 37.0



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



#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:196 Resp: 247019

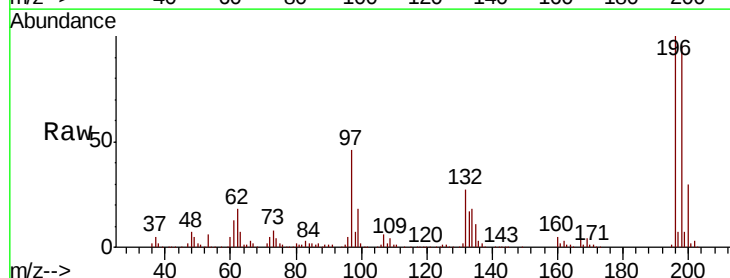
Ion Ratio Lower Upper

196 100

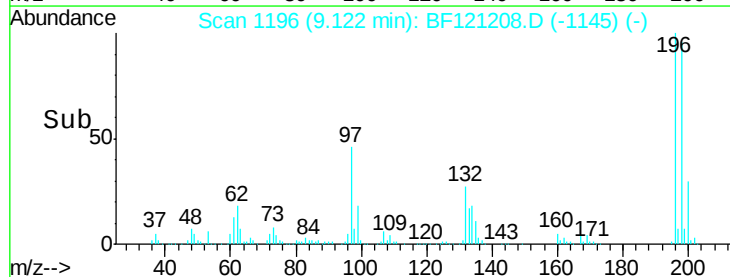
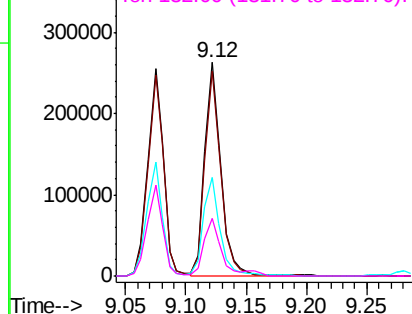
198 95.7 76.2 114.4

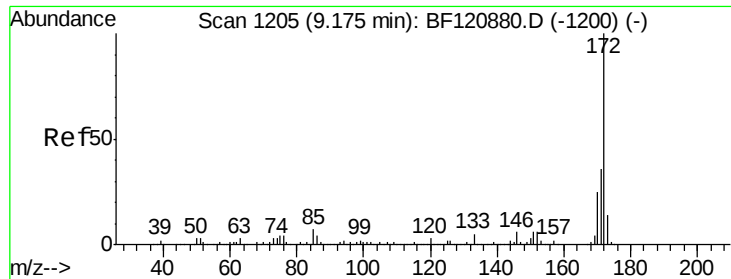
97 46.1 37.3 55.9

132 27.1 22.0 33.0



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



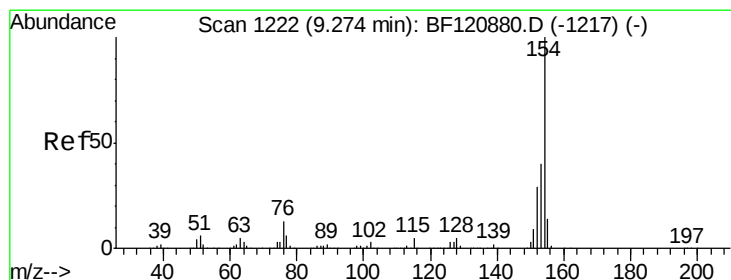
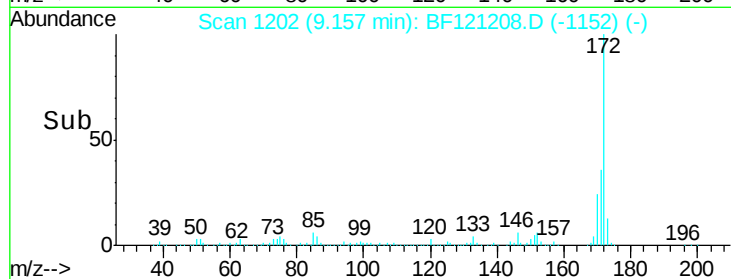
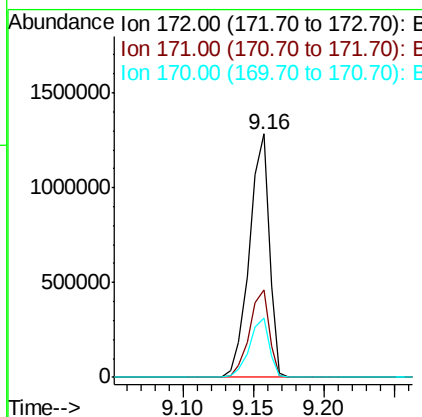
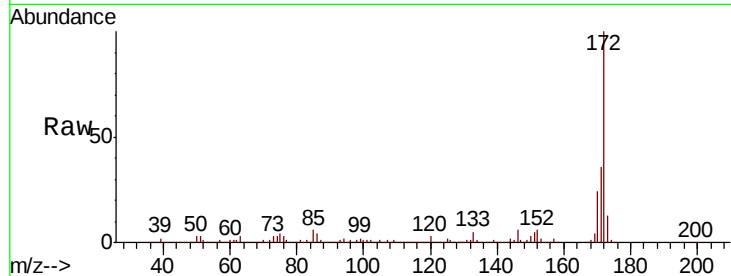


#45
 2-Fluorobiphenyl
 Concen: 64.880 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

Tot Ion:172 Resp: 1277463

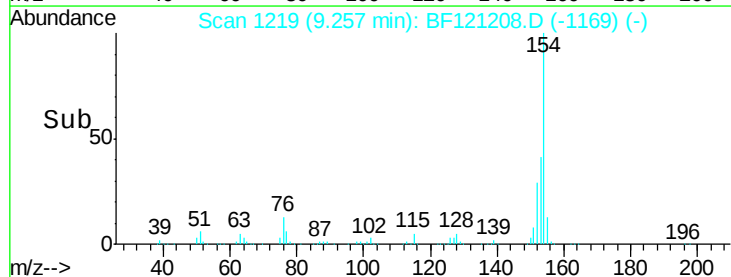
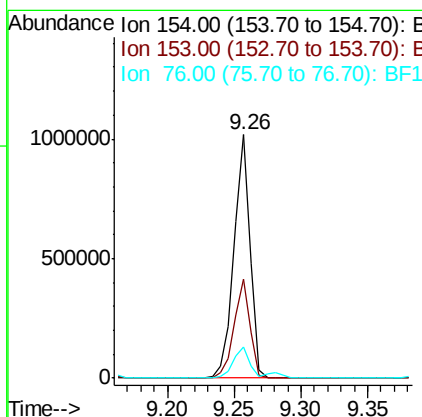
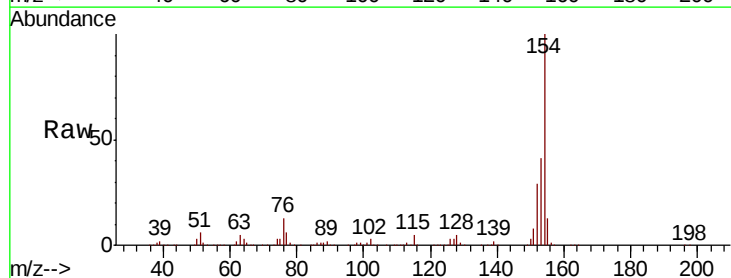
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.1	19.6	29.4

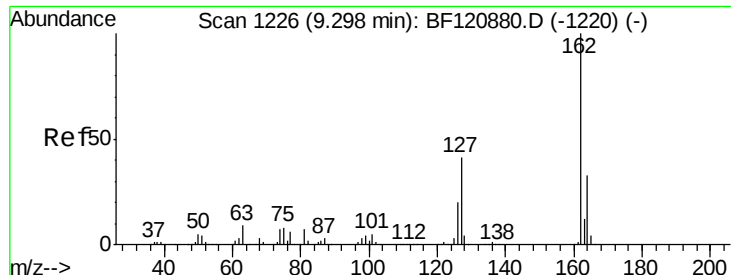


#46
 1,1'-Biphenyl
 Concen: 38.852 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

Tgt Ion:154 Resp: 871241

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

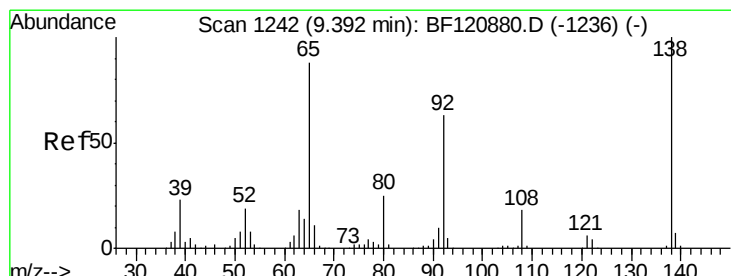
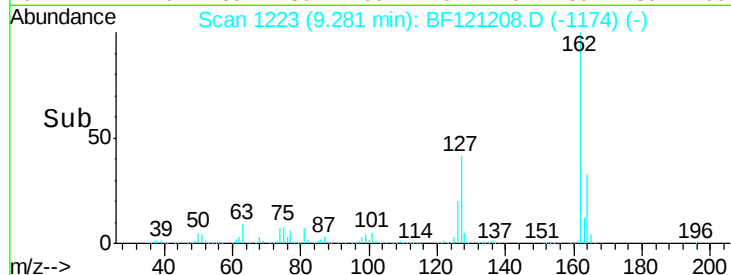
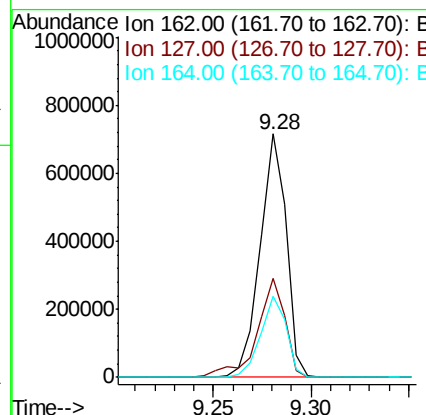
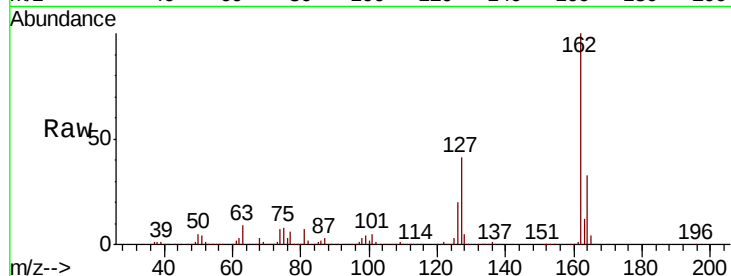




#47
 2-Chloronaphthalene
 Concen: 36.422 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

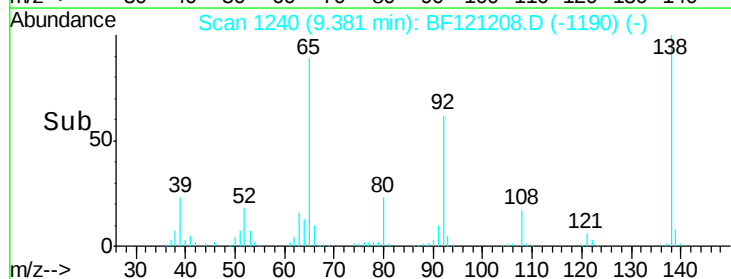
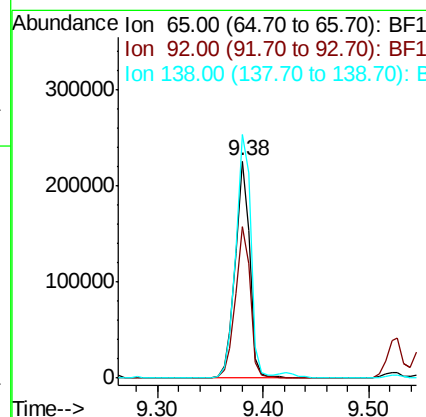
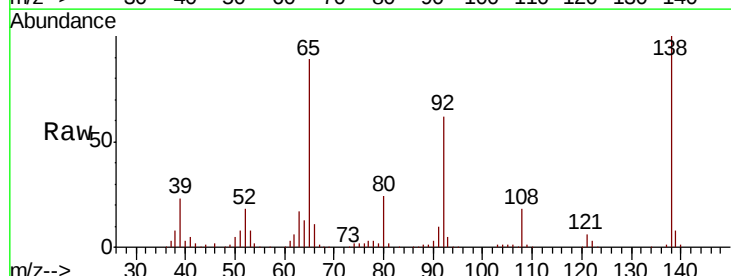
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

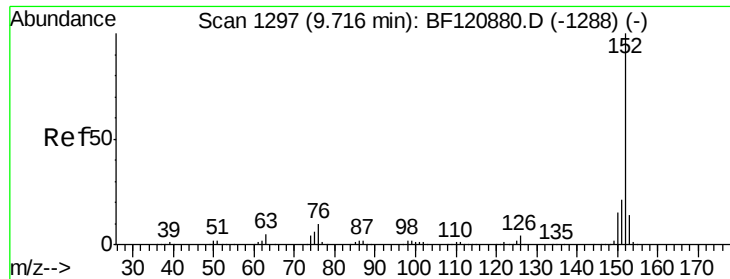
Tot Ion:	162	Resp:	665887
Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.1	46.7
164	33.4	26.6	40.0



#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

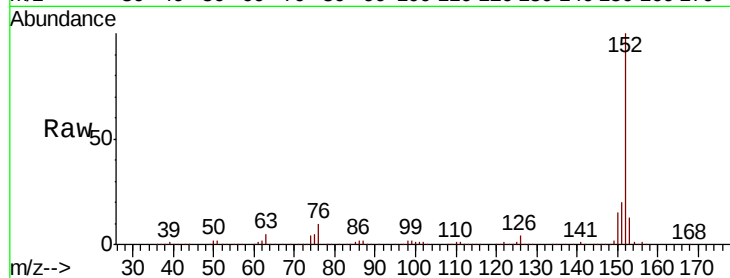
Tot Ion:152 Resp: 1096413

Ion Ratio Lower Upper

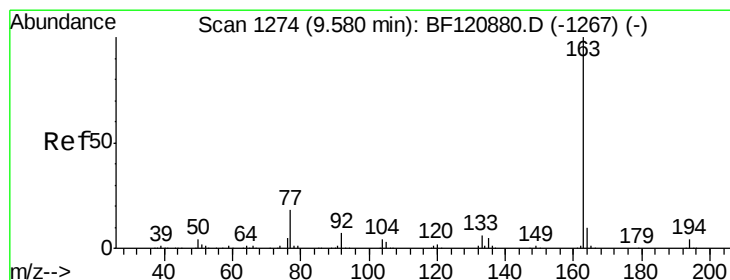
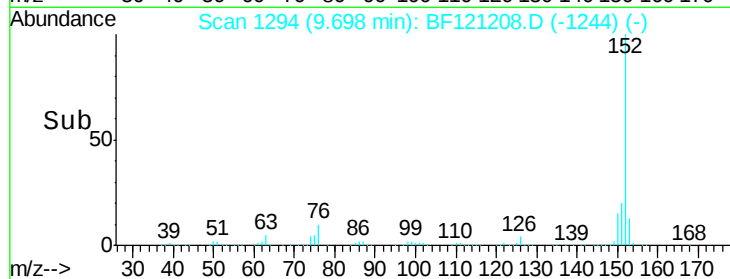
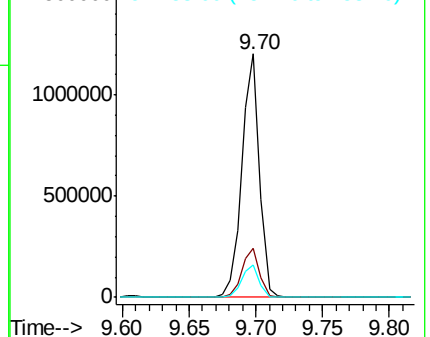
152 100

151 20.4 16.6 25.0

153 13.3 11.0 16.4



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

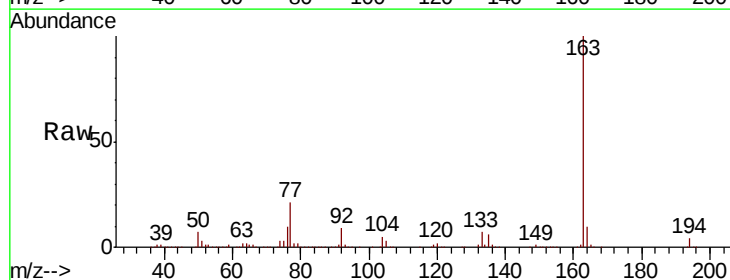
Tgt Ion:163 Resp: 1016803

Ion Ratio Lower Upper

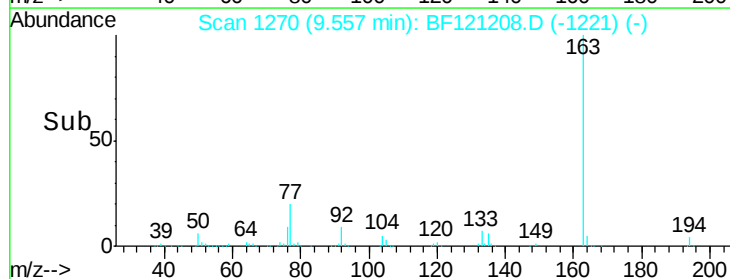
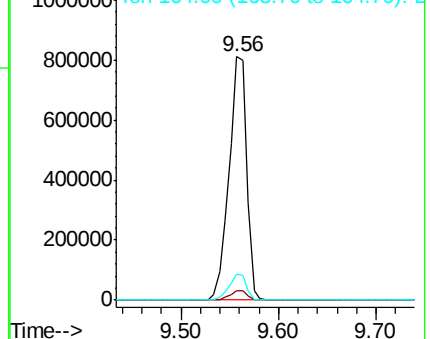
163 100

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

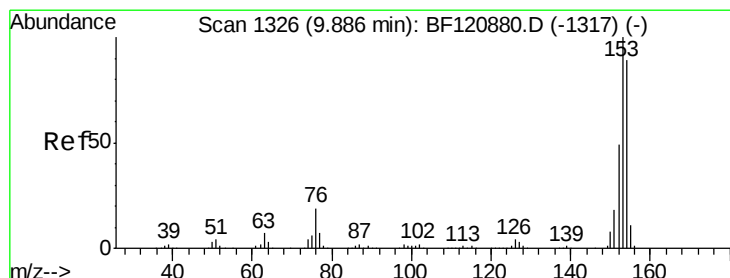
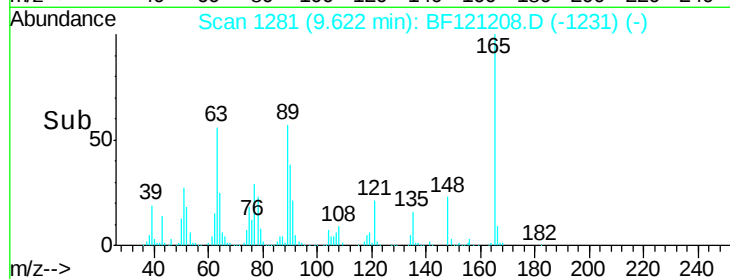
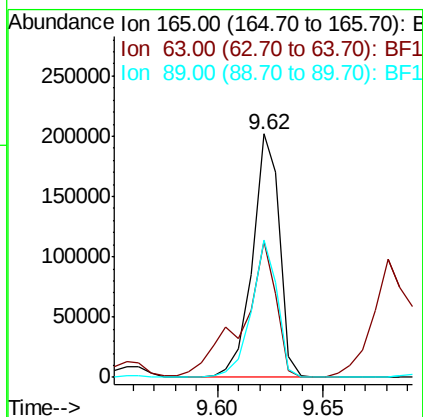
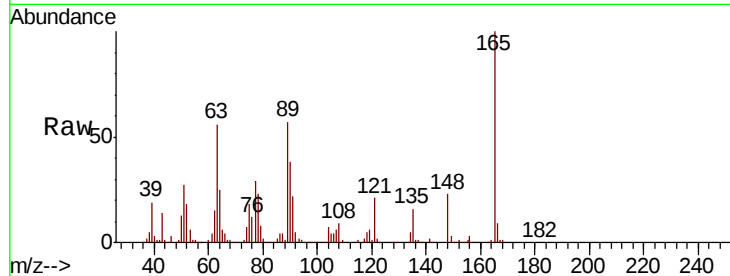




#51
2,6-Dinitrotoluene
Concen: 39.489 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

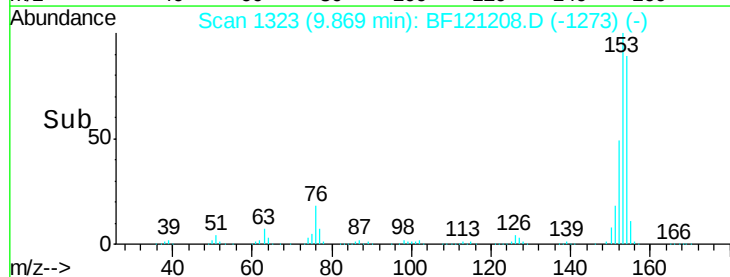
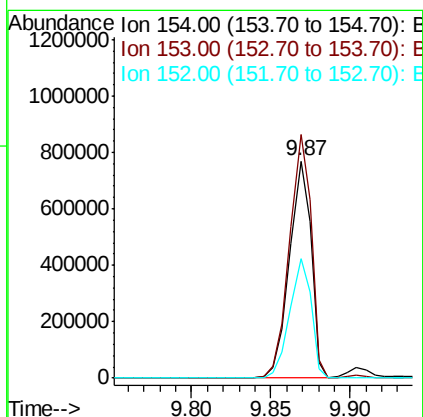
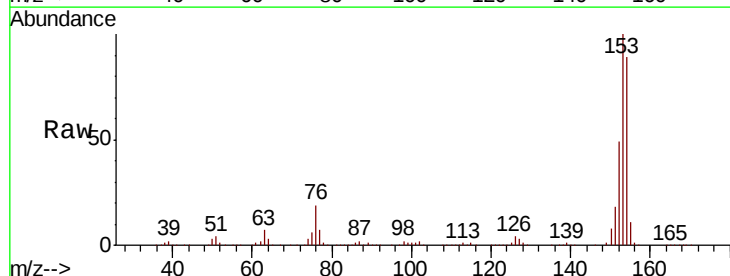
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

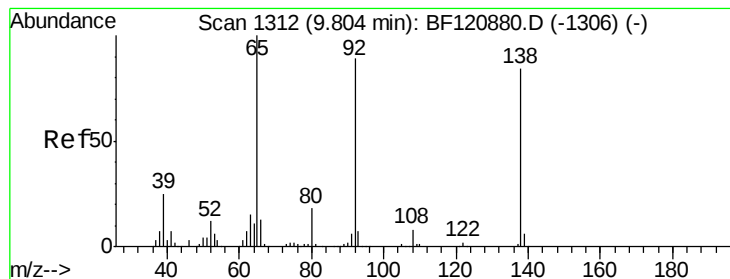
Tot Ion:165 Resp: 179930
Ion Ratio Lower Upper
165 100
63 56.0 41.1 61.7
89 56.6 43.5 65.3



#52
Acenaphthene
Concen: 40.844 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion:154 Resp: 737549
Ion Ratio Lower Upper
154 100
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

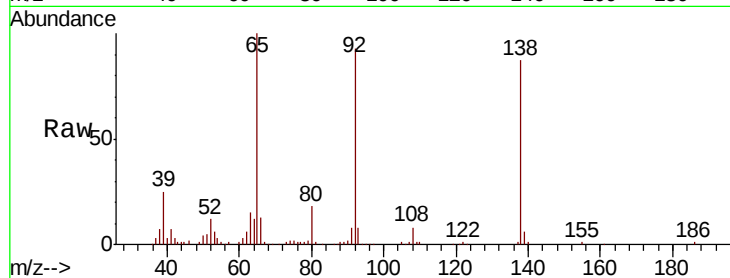
Tot Ion:138 Resp: 128454

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.8

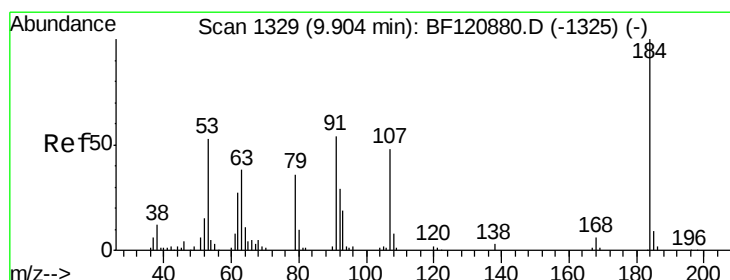
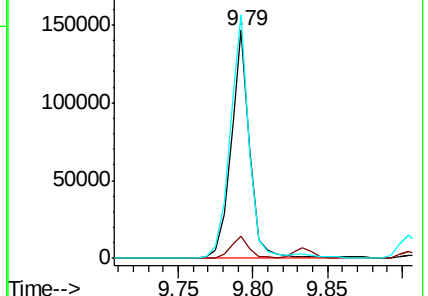
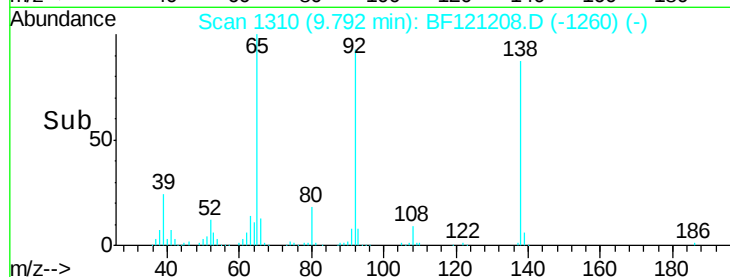
92 106.9 85.0 127.4



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

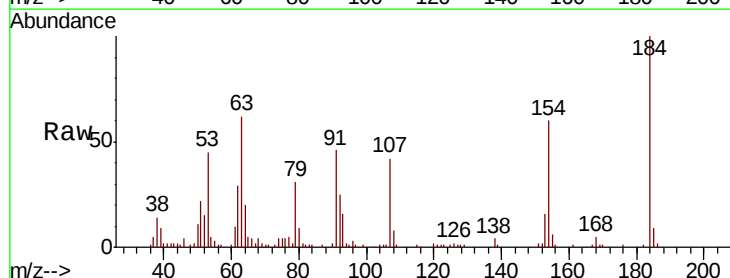
Tgt Ion:184 Resp: 67247

Ion Ratio Lower Upper

184 100

63 61.8 42.5 63.7

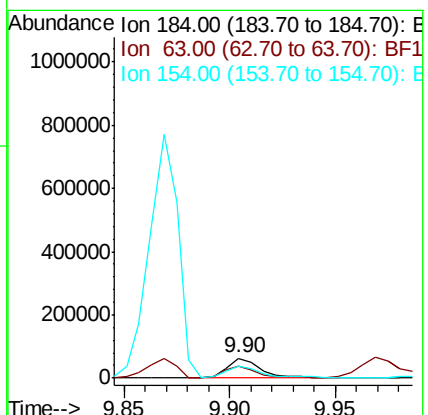
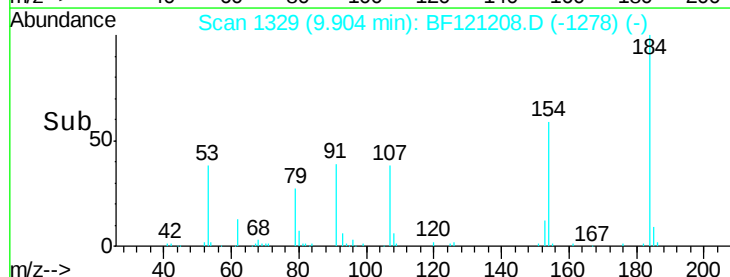
154 60.5 46.8 70.2

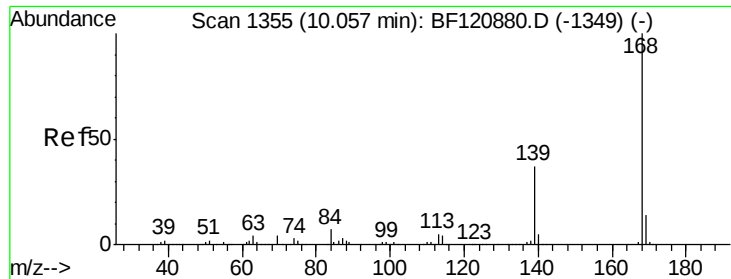


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

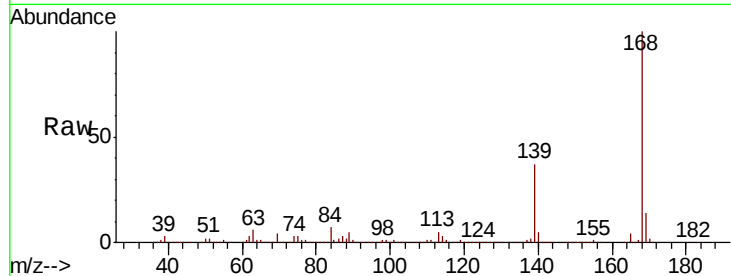




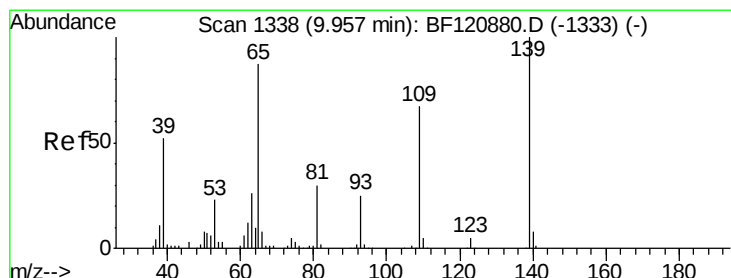
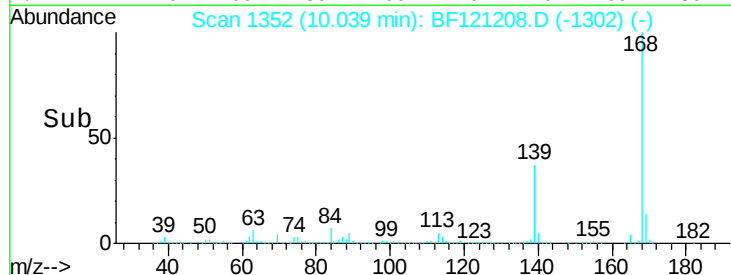
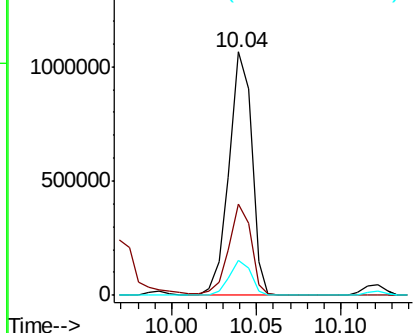
#55
Dibenzofuran
Concen: 38.087 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Tot Ion:168 Resp: 994570
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 14.3 11.3 16.9

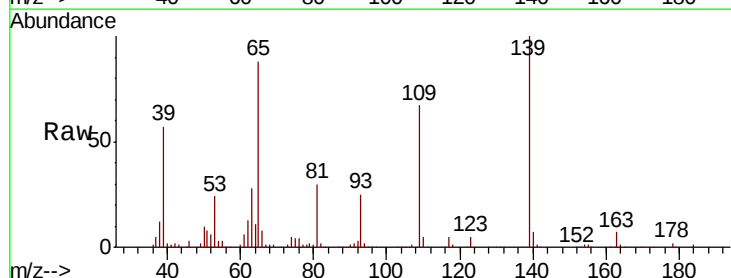


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

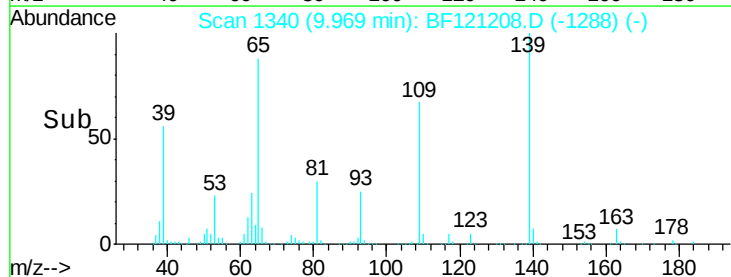
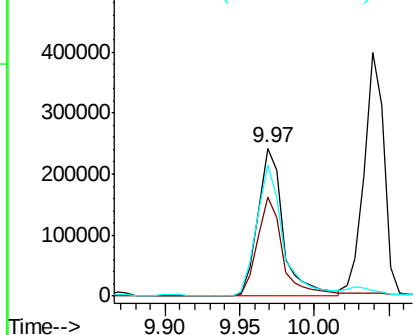


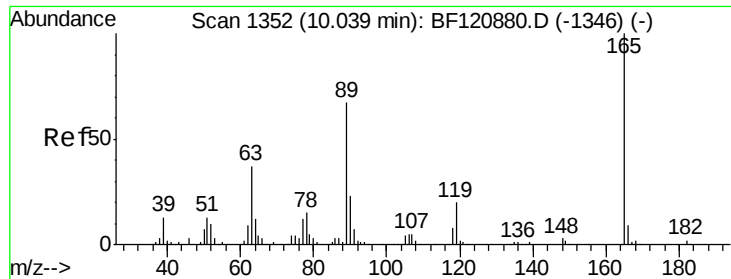
#56
4-Nitrophenol
Concen: 66.313 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Tgt Ion:139 Resp: 287861
Ion Ratio Lower Upper
139 100
109 66.6 44.8 84.8
65 88.5 65.6 105.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

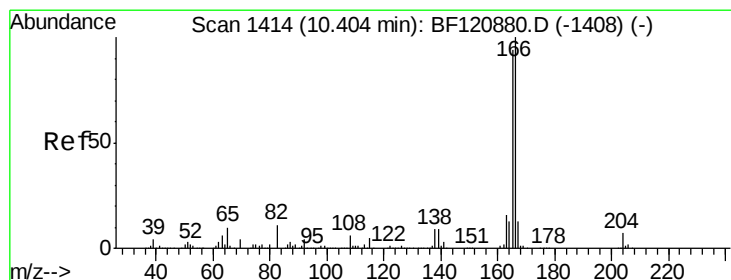
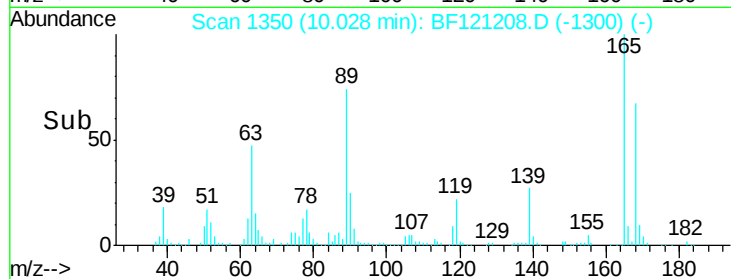
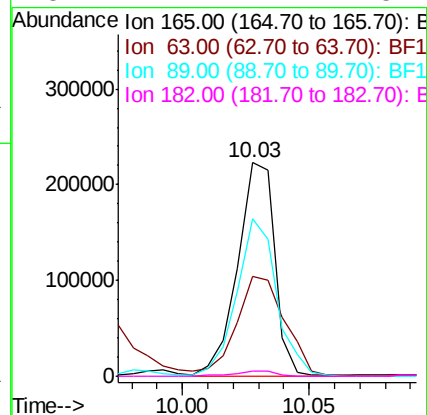
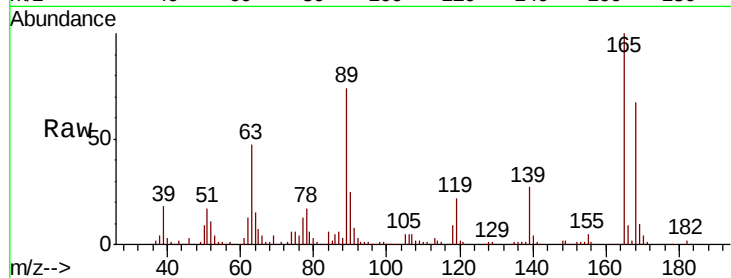




#57
2,4-Dinitrotoluene
Concen: 37.765 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

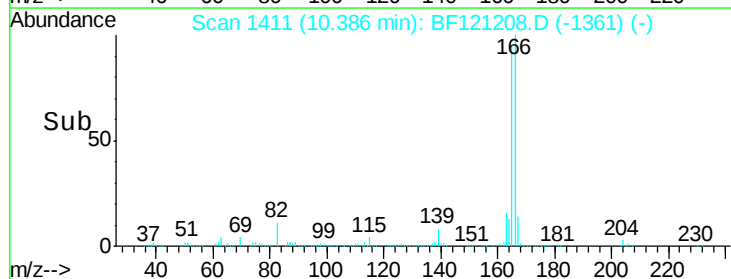
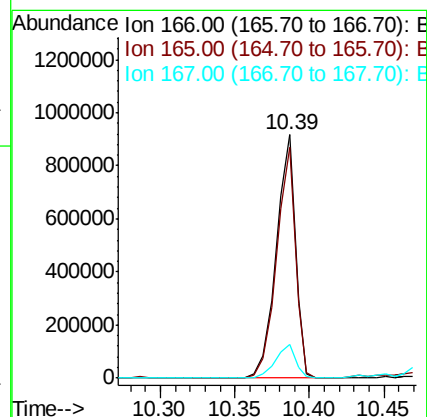
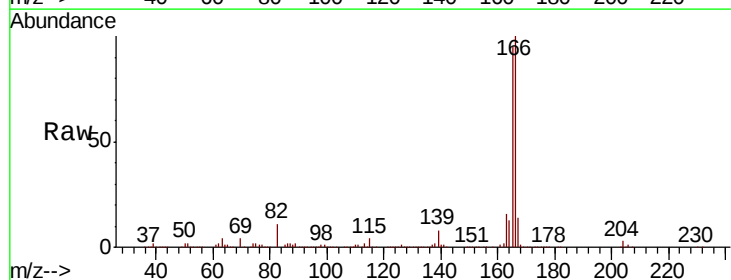
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

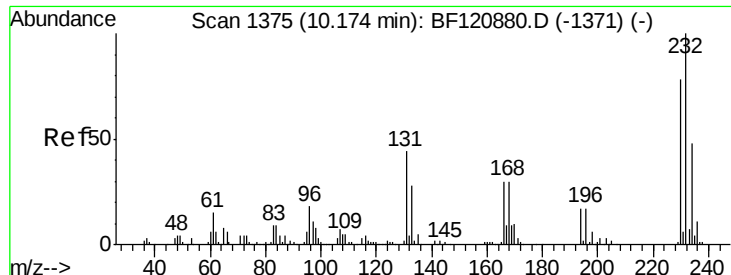
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	29.8	44.8#
89	73.6	50.3	75.5
182	2.4	2.1	3.1



#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	Lower	Upper
166	100		
165	94.8	76.4	114.6
167	13.8	10.7	16.1

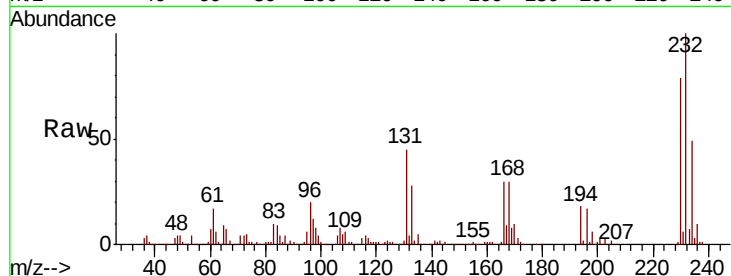




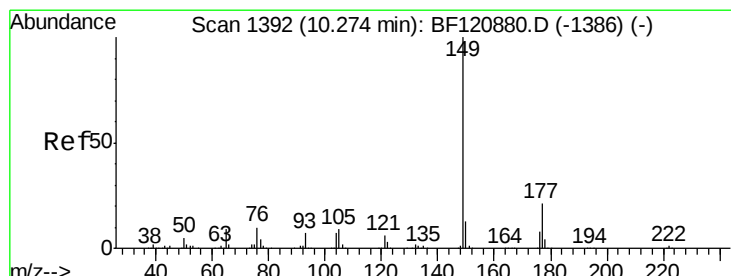
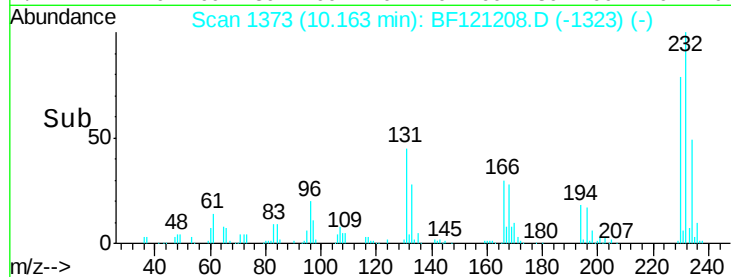
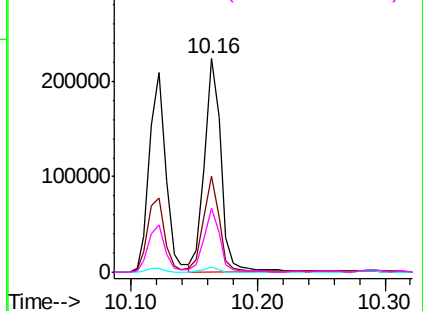
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.351 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

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

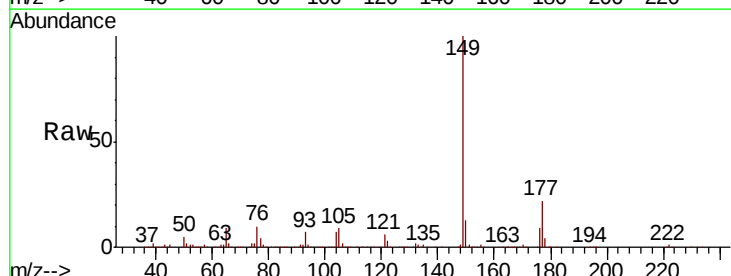


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

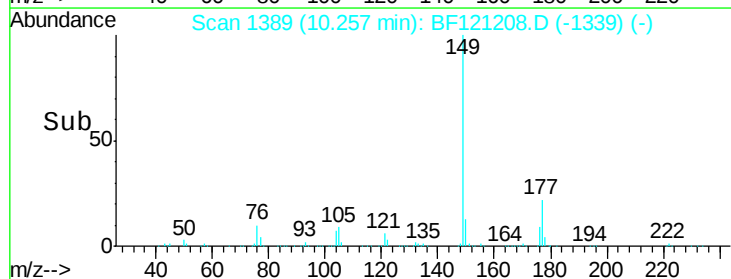
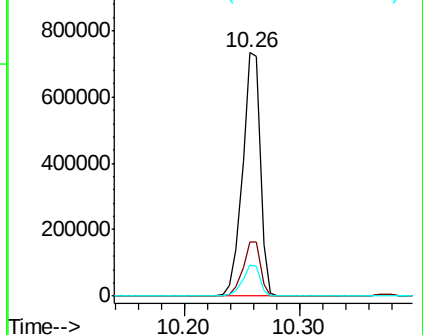


#60
Diethylphthalate
Concen: 36.452 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

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



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

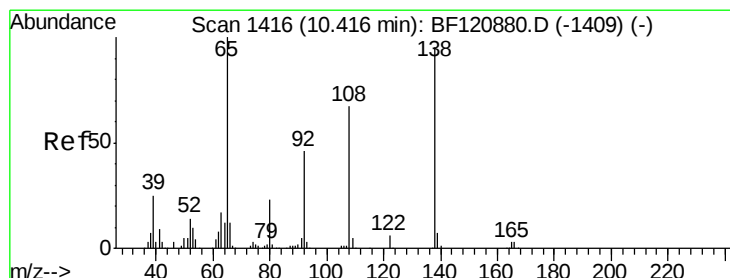
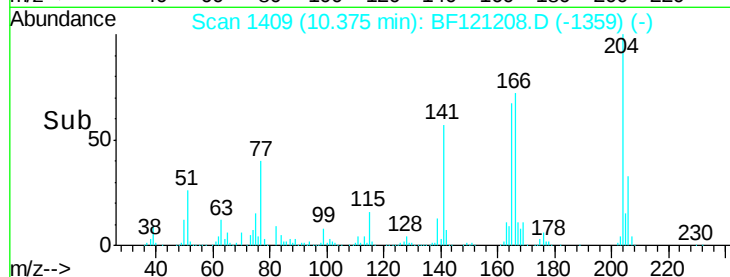
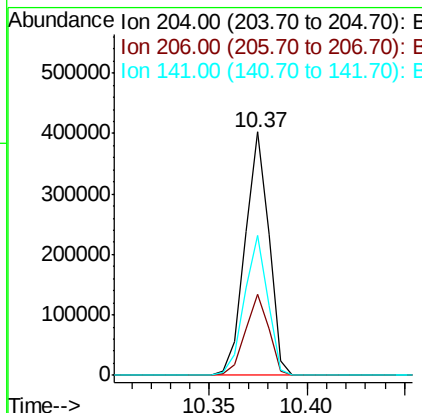
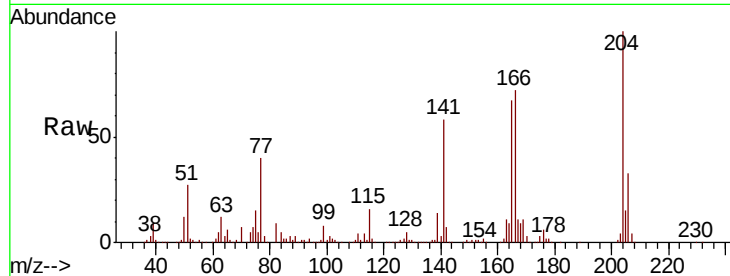




#61
 4-Chlorophenyl-phenylether
 Concen: 32.703 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

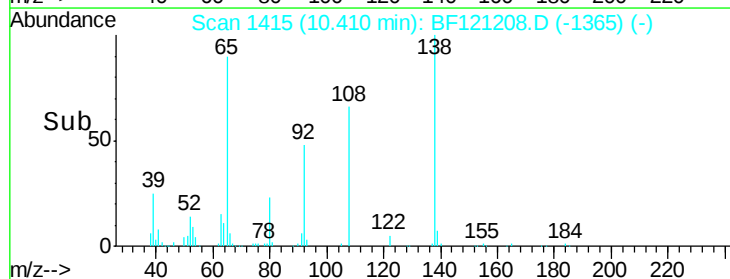
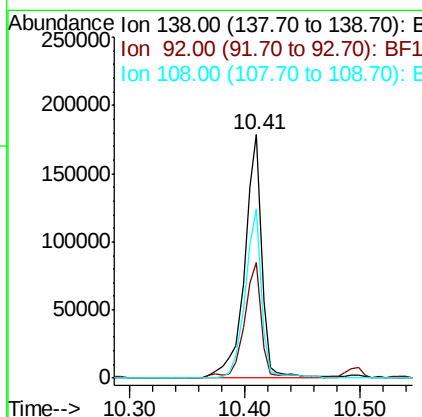
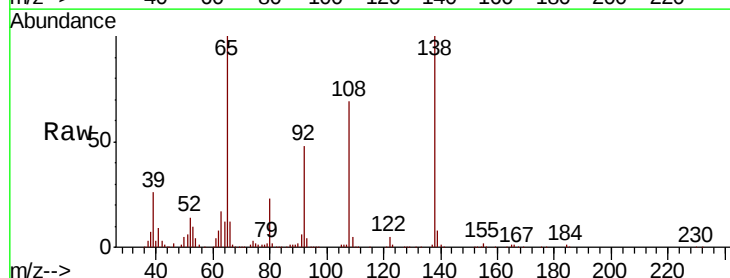
Instrument :
 BNA_F
 ClientSampled :
 JB-1AMS

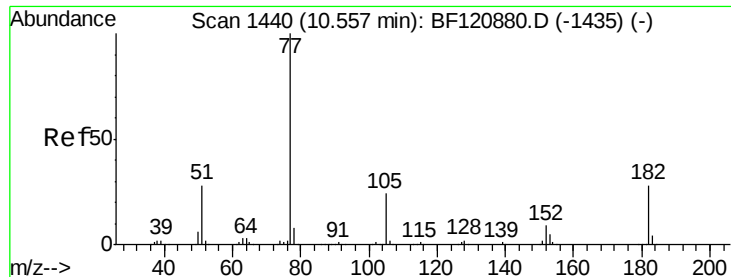
Tot Ion:	204	Resp:	339714
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	57.7	46.9	70.3



#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:	138	Resp:	186477
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: 77 Resp: 727559

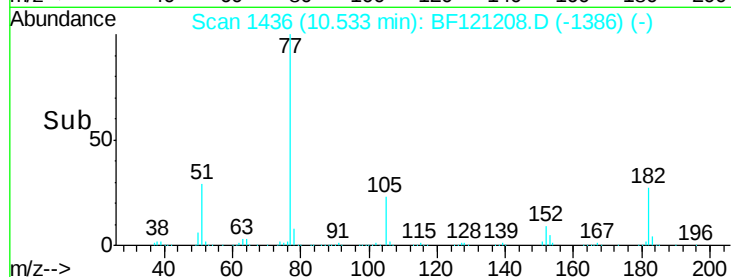
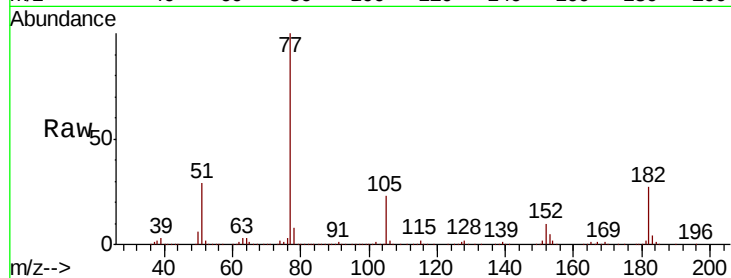
Ion Ratio Lower Upper

77 100

182 27.1 4.5 44.5

105 23.1 3.4 43.4

51 29.2 8.7 48.7

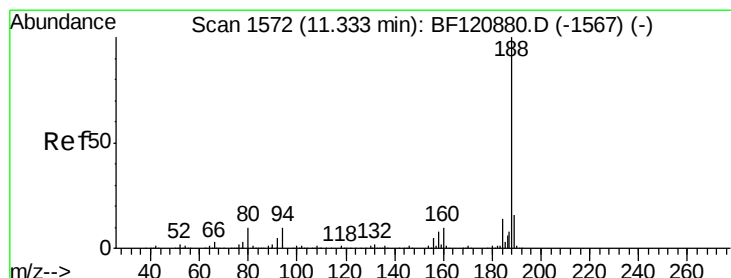
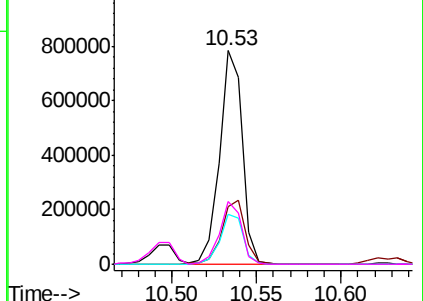


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#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

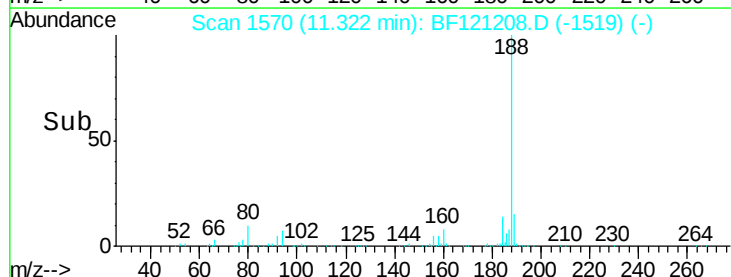
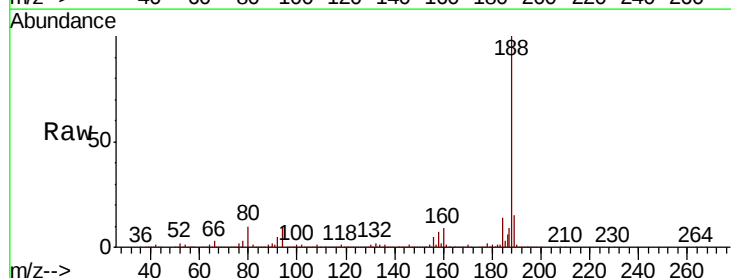
Tgt Ion: 188 Resp: 556096

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

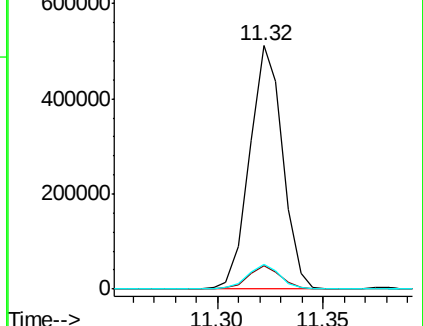
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 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

ClientSampleId :

JB-1AMS

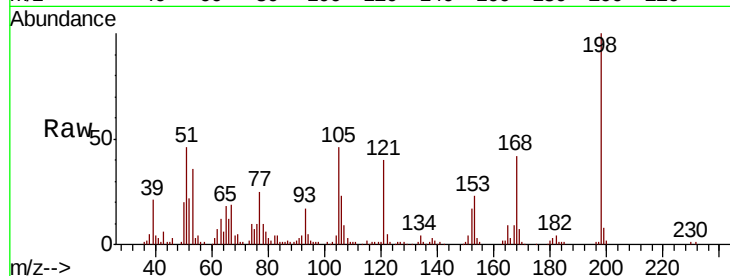
Tot Ion:198 Resp: 81952

Ion Ratio Lower Upper

198 100

51 46.2 23.4 63.4

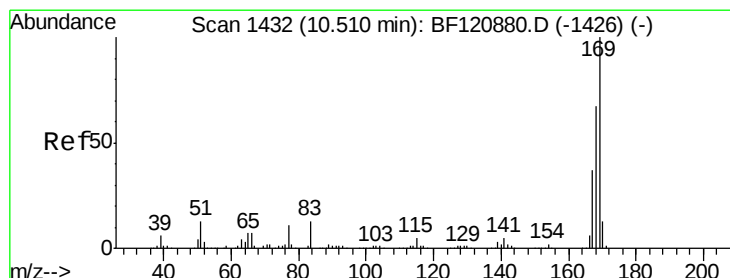
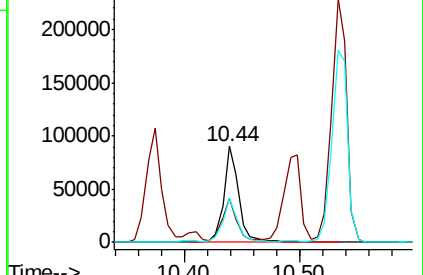
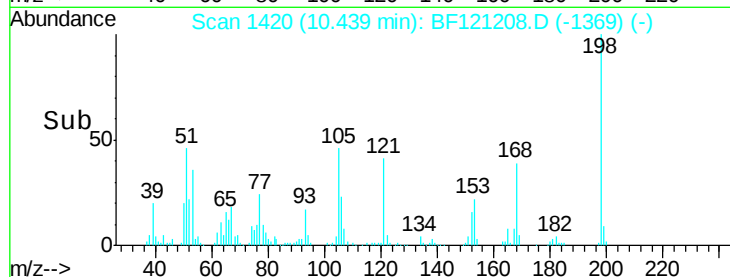
105 46.1 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 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

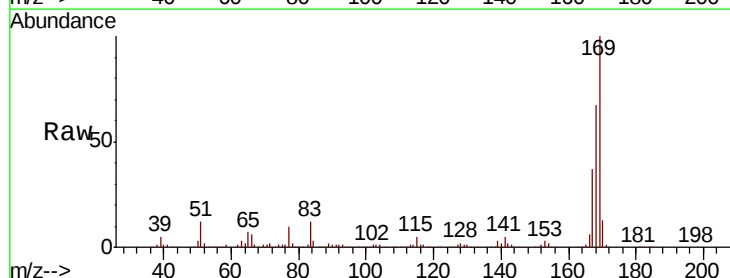
Tgt Ion:169 Resp: 661046

Ion Ratio Lower Upper

169 100

168 67.2 53.7 80.5

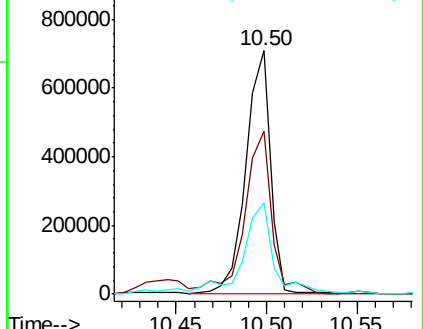
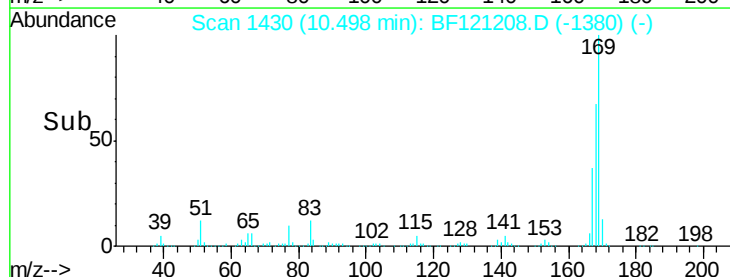
167 37.5 30.0 45.0

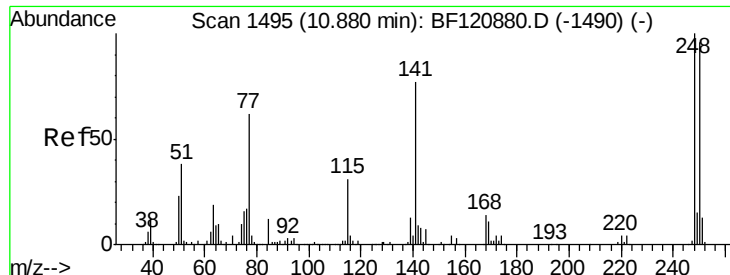


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

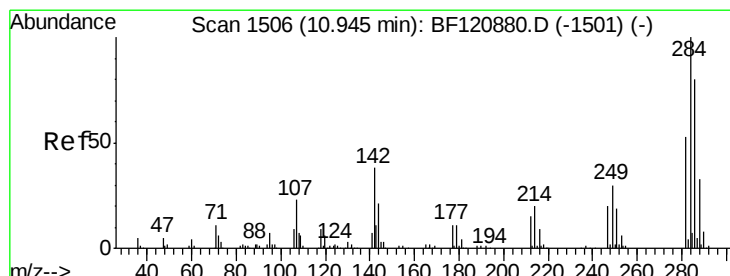
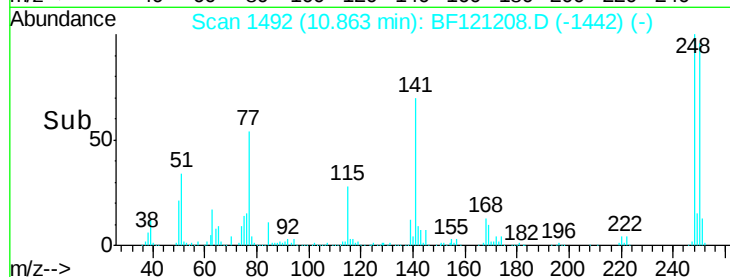
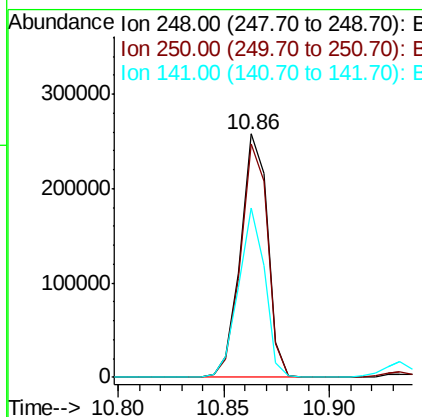
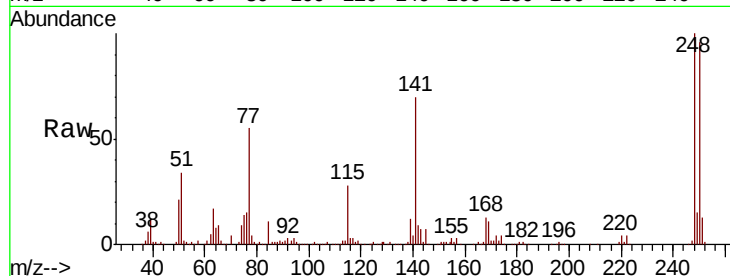




#67
 4-Bromophenyl-phenylether
 Concen: 36.975 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

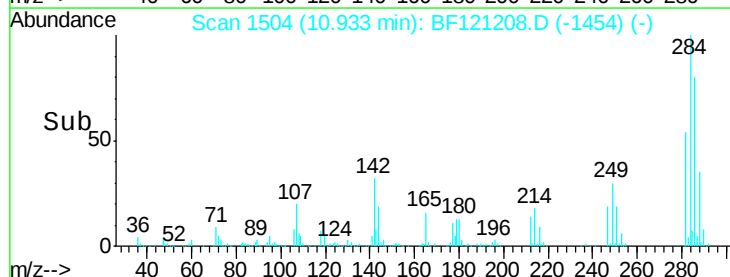
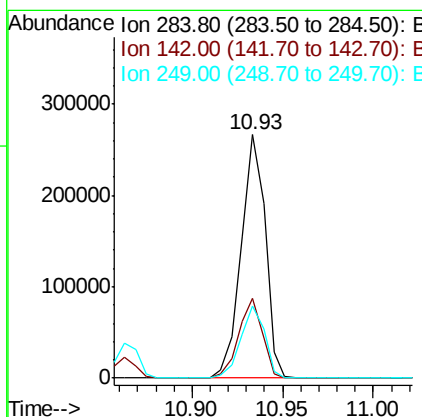
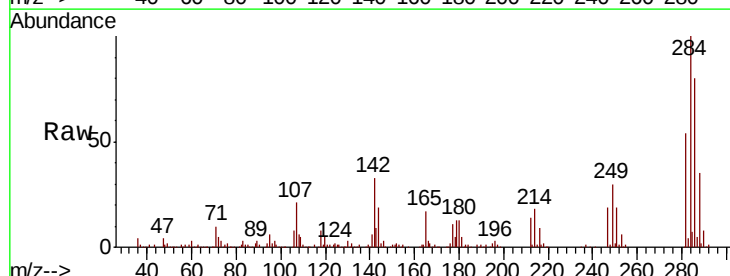
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

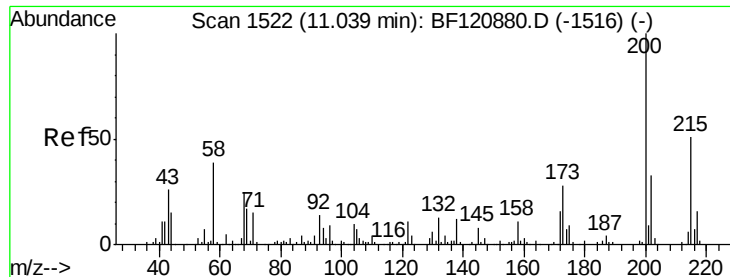
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.0	115.6
141	69.7	56.6	85.0



#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

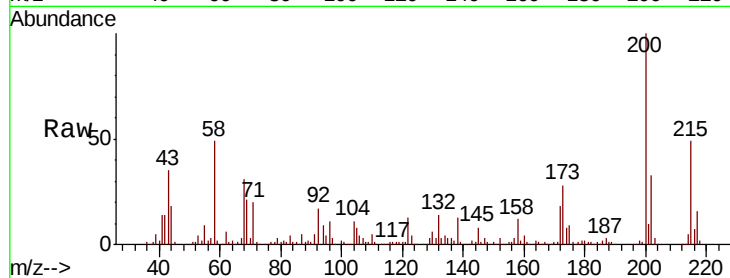




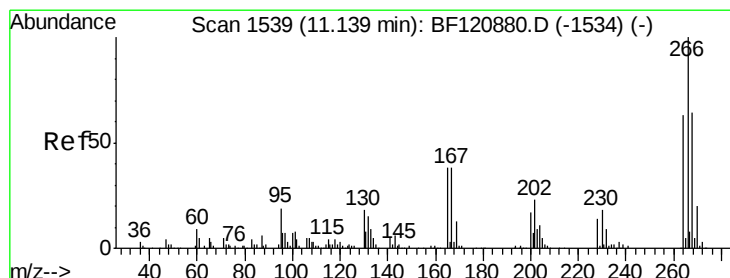
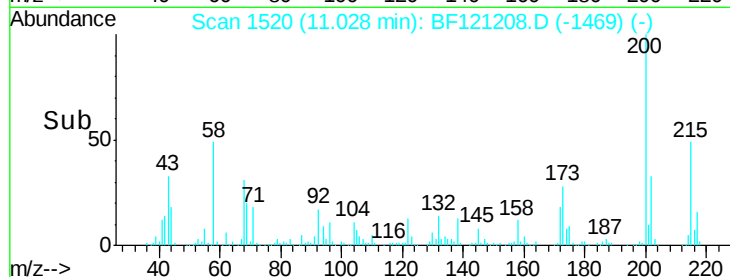
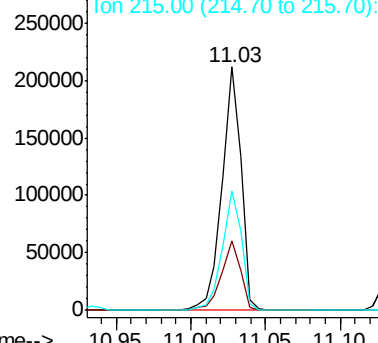
#69
Atrazine
Concen: 43.149 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

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

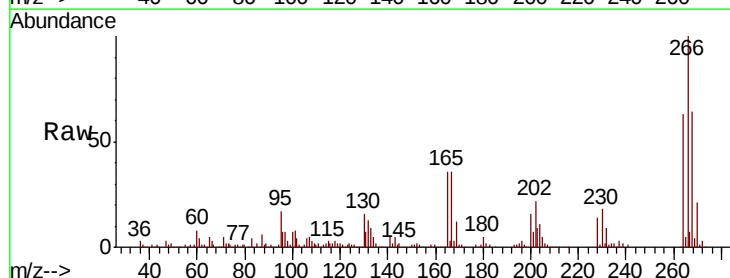


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

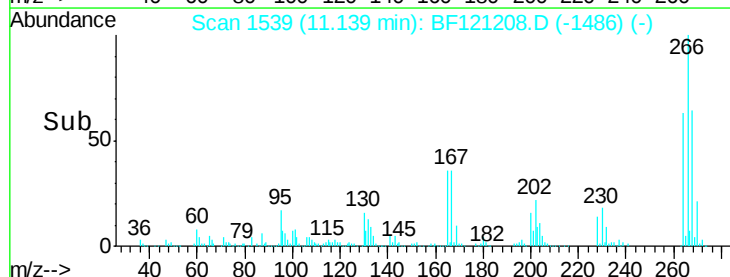
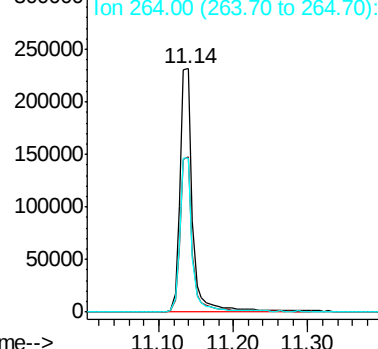


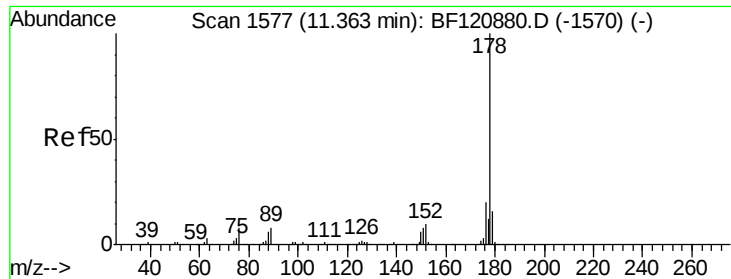
#70
Pentachlorophenol
Concen: 71.797 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

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



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

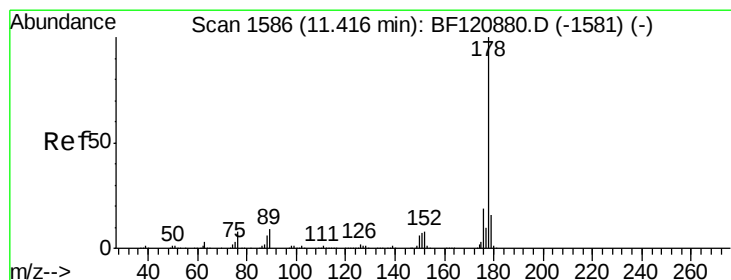
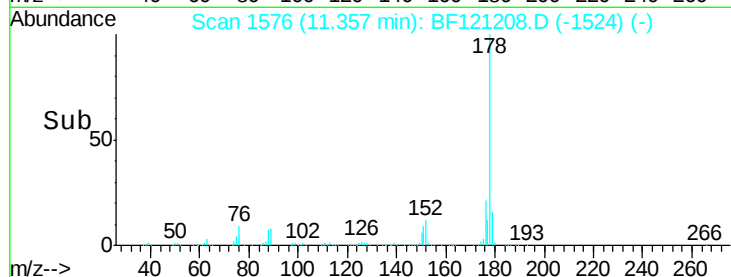
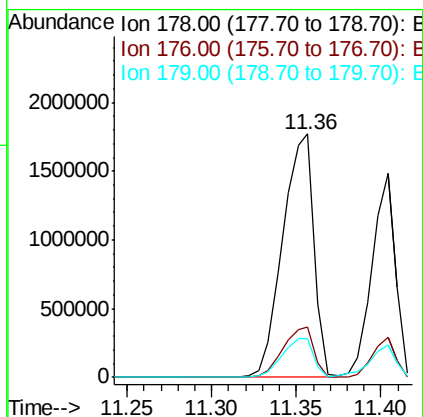
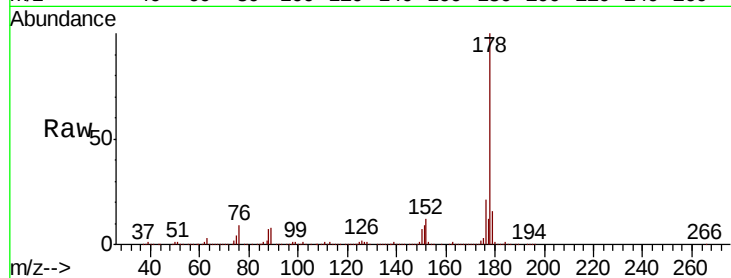




#71
Phenanthrene
Concen: 79.488 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

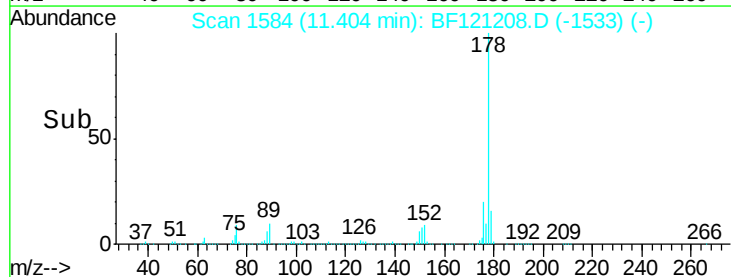
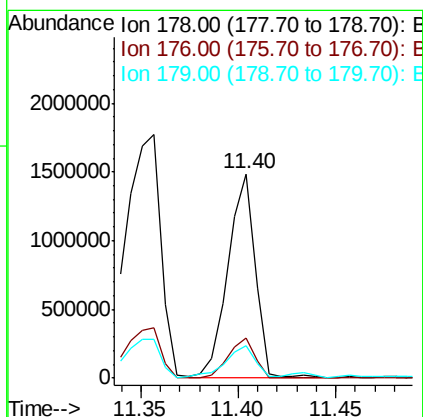
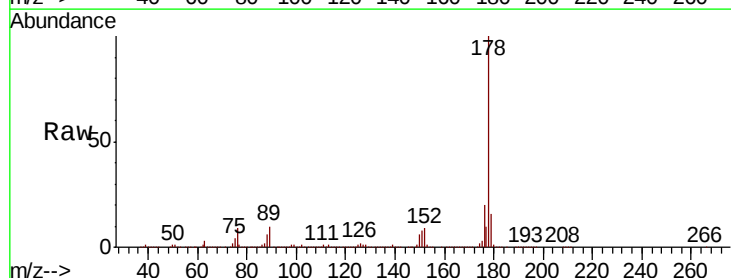
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

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



#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

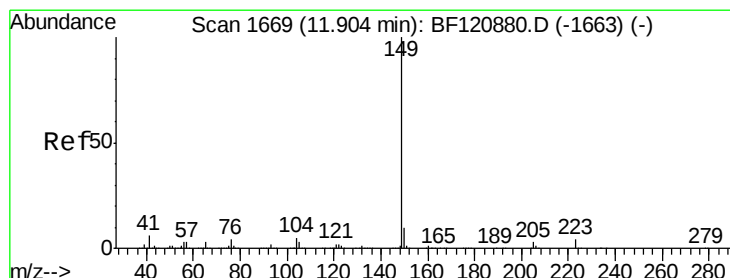
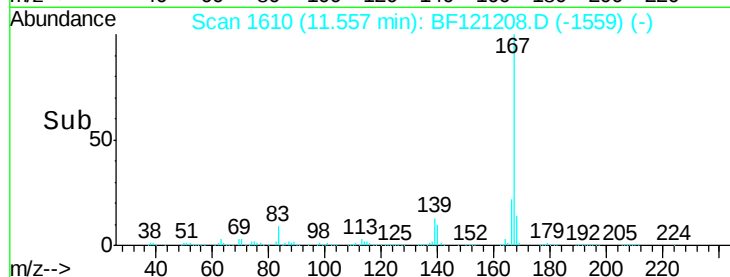
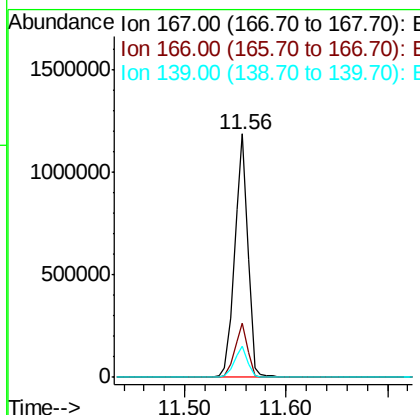
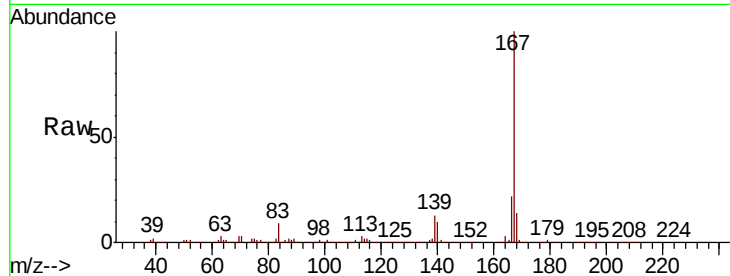




#73
 Carbazole
 Concen: 37.272 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

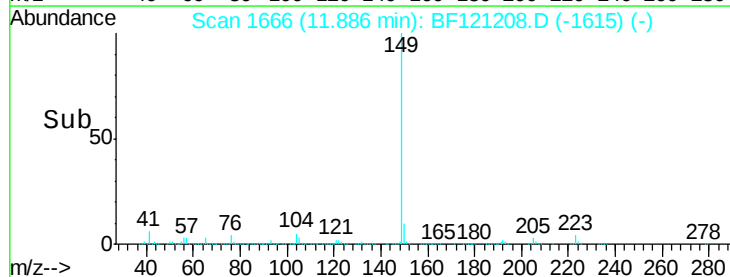
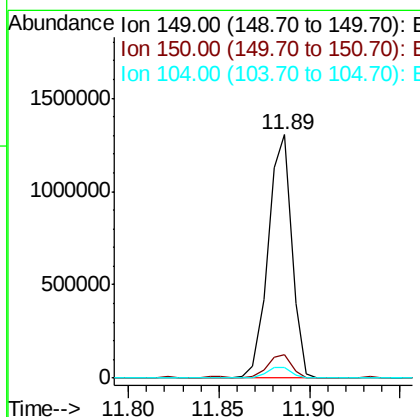
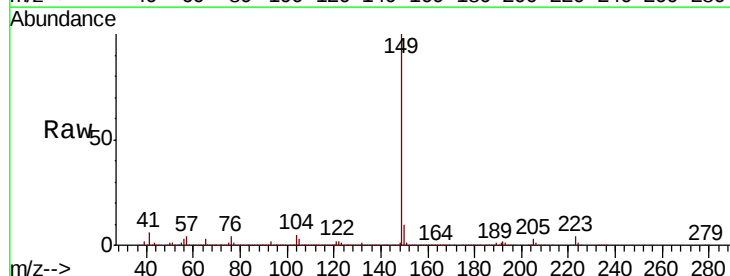
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

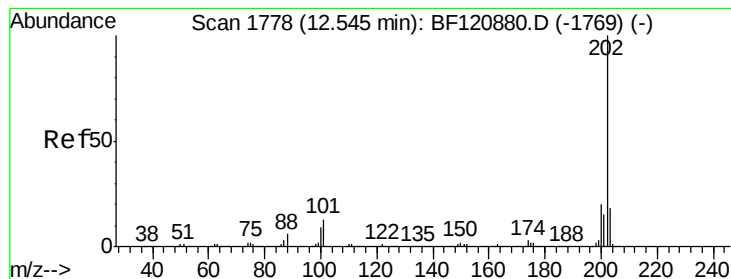
Tot Ion:167 Resp: 1062272
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 12.8 10.5 15.7



#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:149 Resp: 1182872
 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

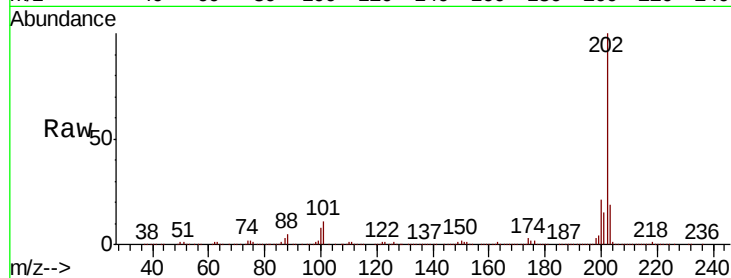
Tot Ion:202 Resp: 2292496

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.5

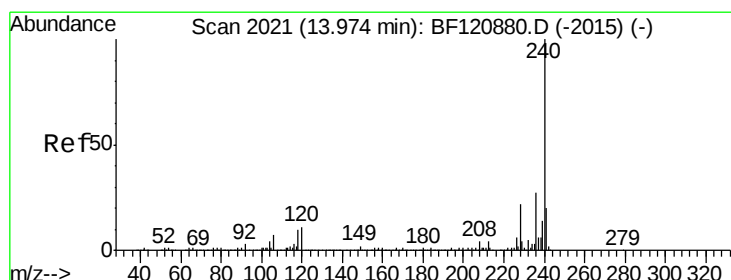
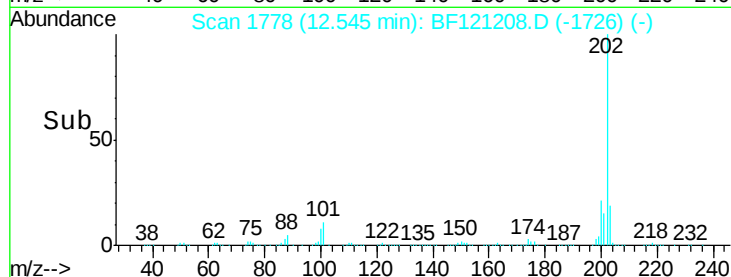
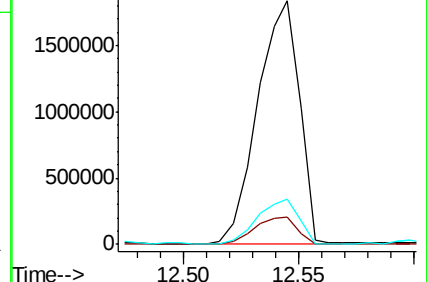
203 18.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

2500000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

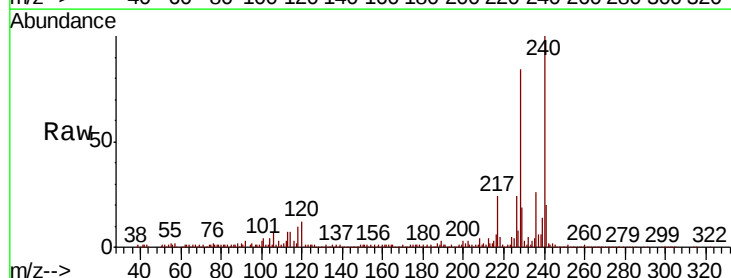
Tgt Ion:240 Resp: 326250

Ion Ratio Lower Upper

240 100

120 11.7 9.3 13.9

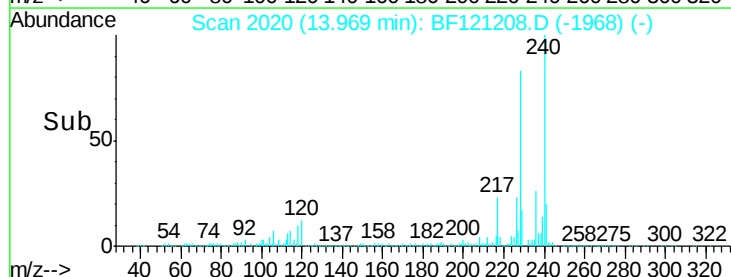
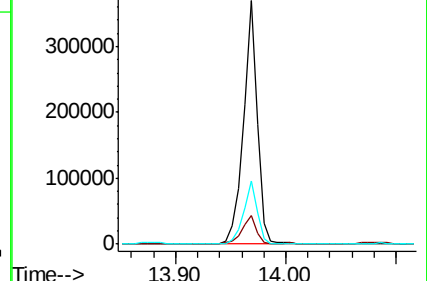
236 26.1 21.1 31.7

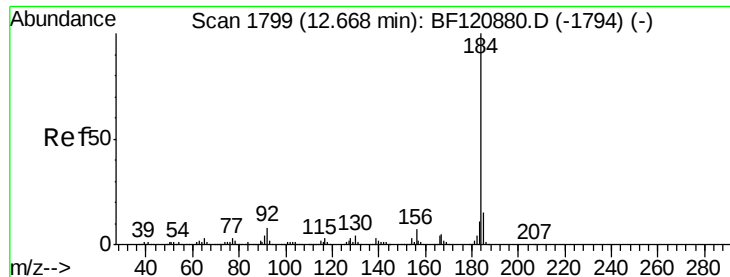


Abundance Ion 240.00 (239.70 to 240.70): E

500000 Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

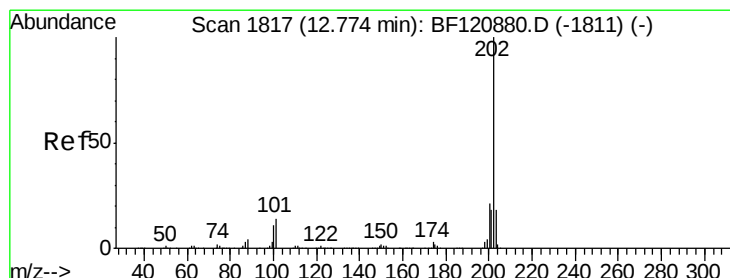
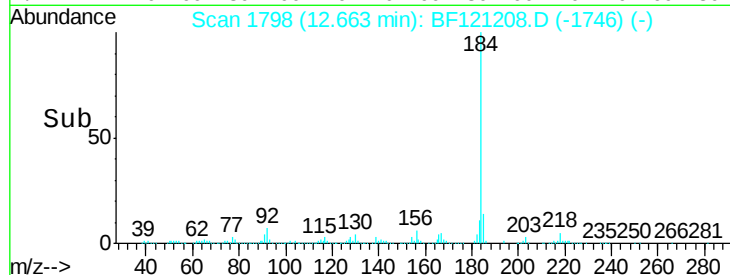
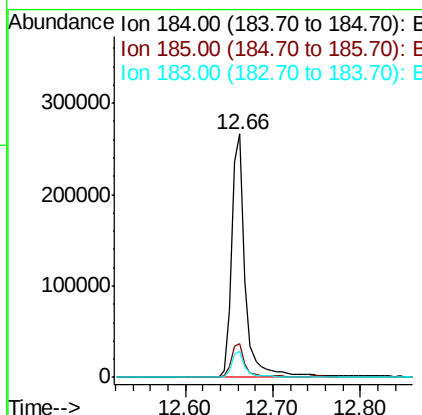
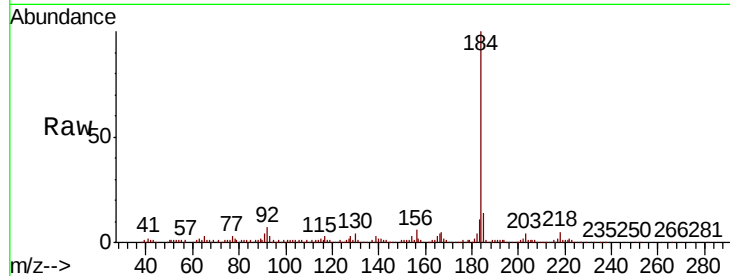




#77
Benzidine
Concen: 33.408 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

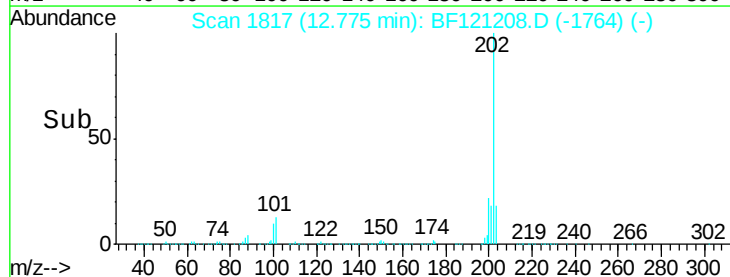
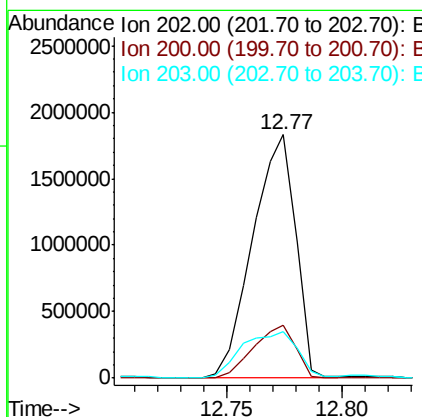
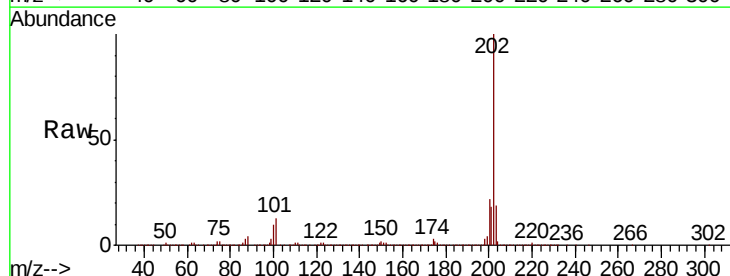
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

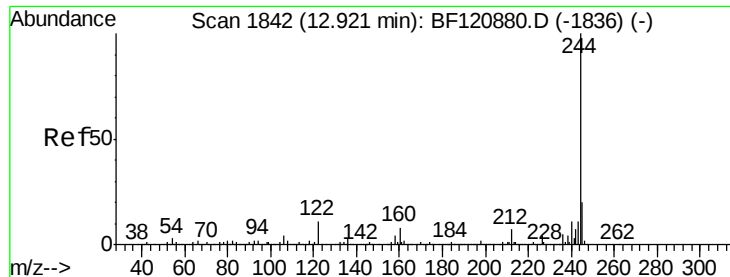
Tot Ion:184 Resp: 286565
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 10.7 9.0 13.4



#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

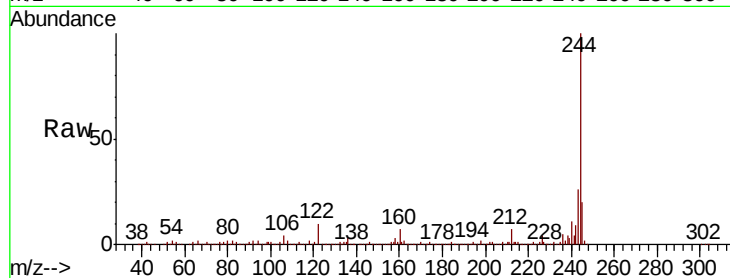
Tot Ion:244 Resp: 1180926

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

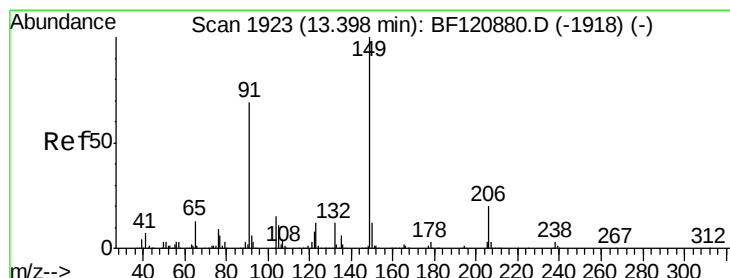
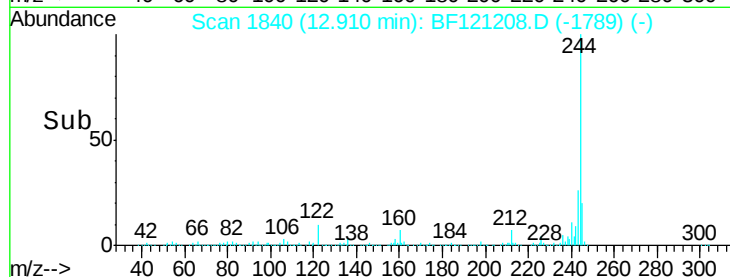
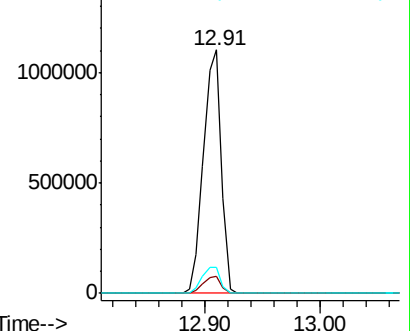
122 10.5 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.506 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121208.D

Acq: 6 Aug 2020 18:12

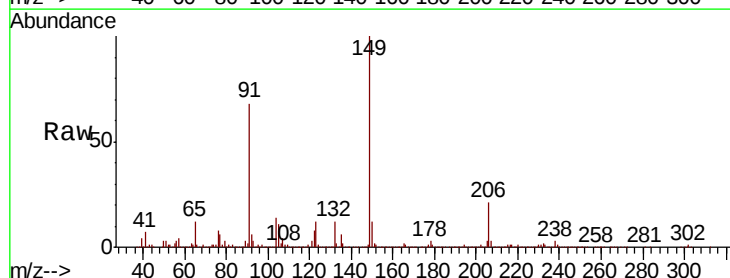
Tgt Ion:149 Resp: 457632

Ion Ratio Lower Upper

149 100

91 67.7 51.4 77.0

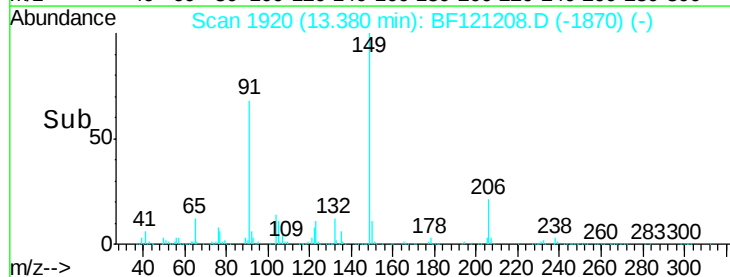
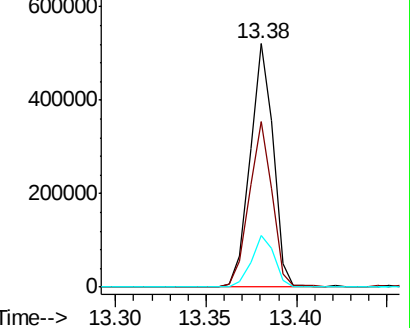
206 21.1 17.9 26.9

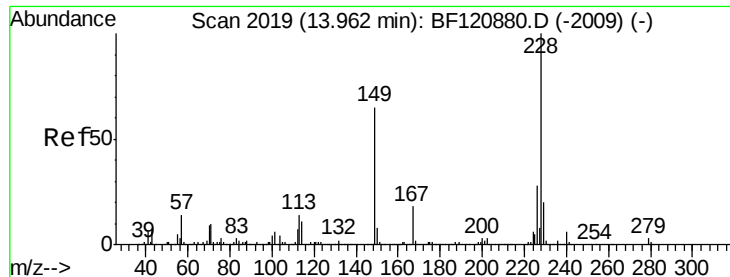


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

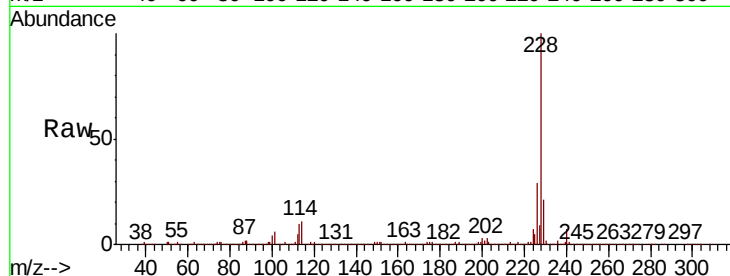
Tot Ion:228 Resp: 1481158

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

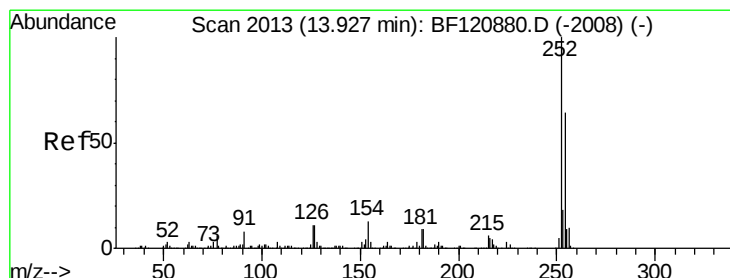
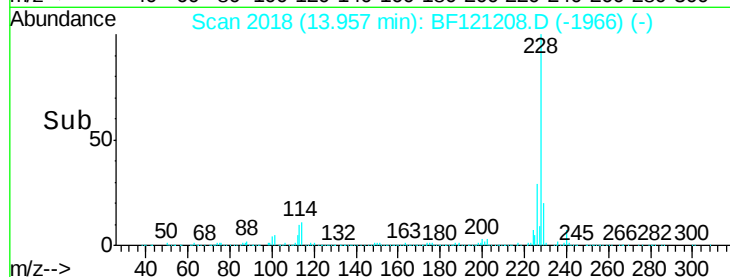
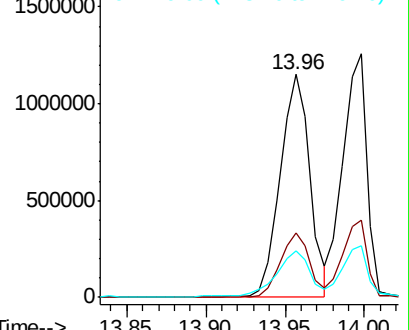
229 20.7 16.1 24.1



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

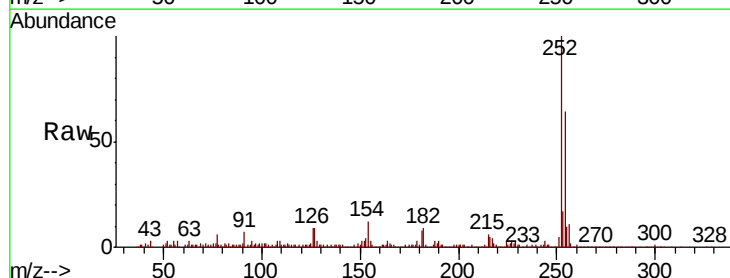
Tgt Ion:252 Resp: 258935

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

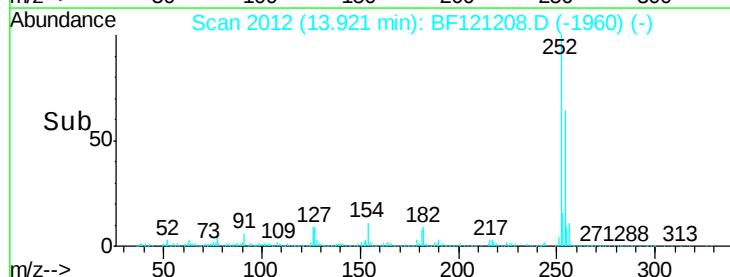
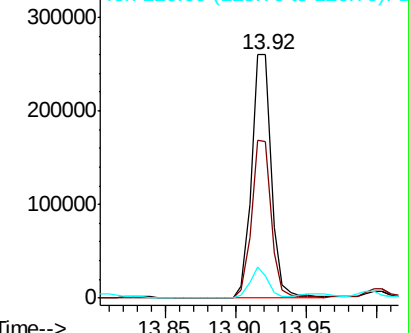
126 9.3 9.2 13.8

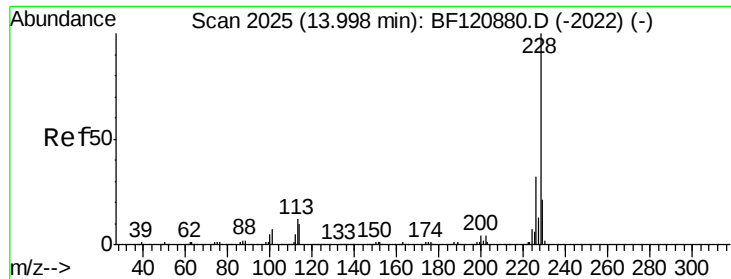


Abundance Ion 252.00 (251.70 to 252.70): E

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

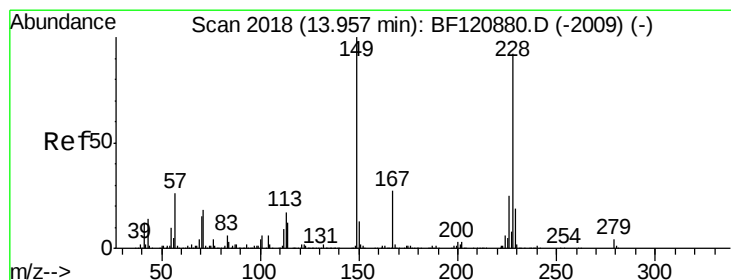
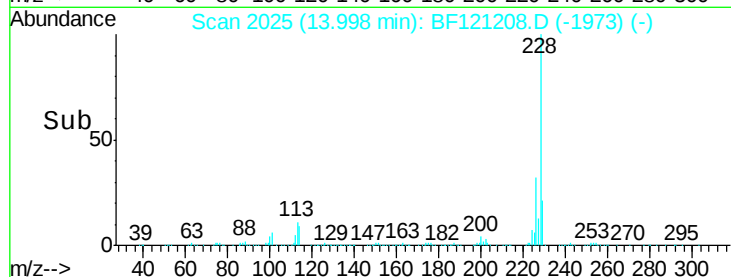
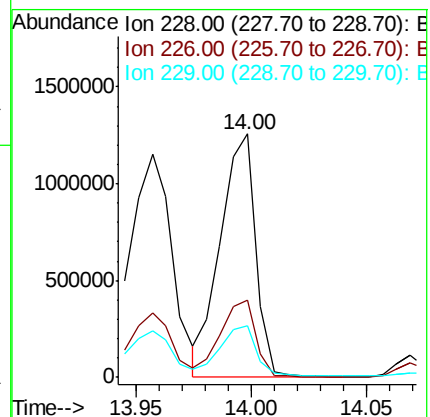
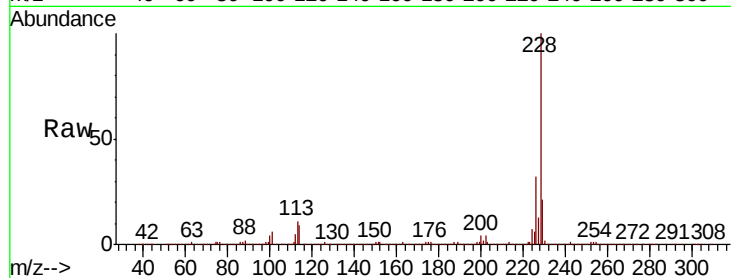
Tot Ion:228 Resp: 1330149

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

229 21.4 16.2 24.4



#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

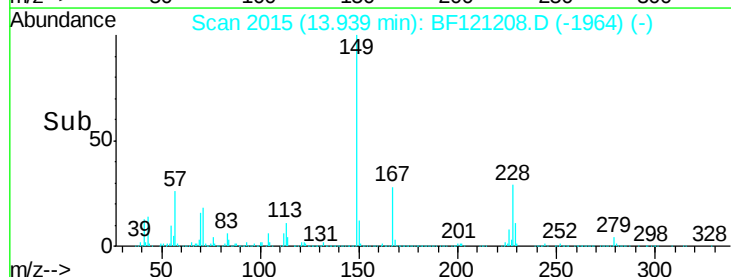
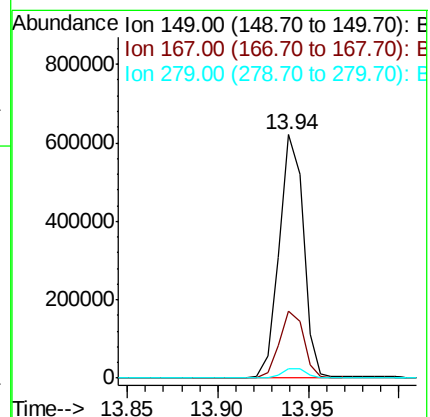
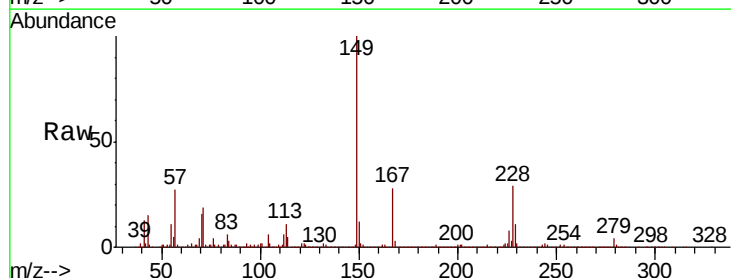
Tgt Ion:149 Resp: 575744

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 3.6 2.9 4.3





#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

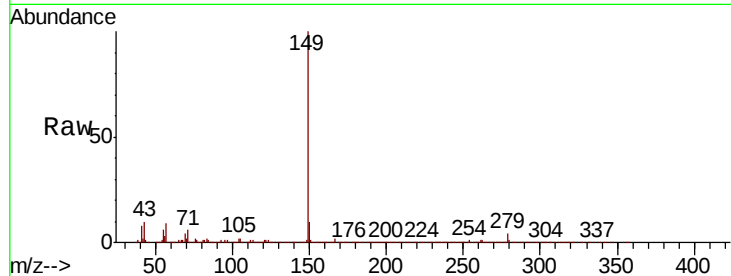
Tot Ion:149 Resp: 962509

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

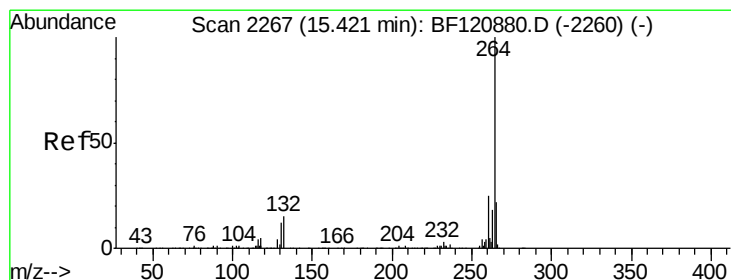
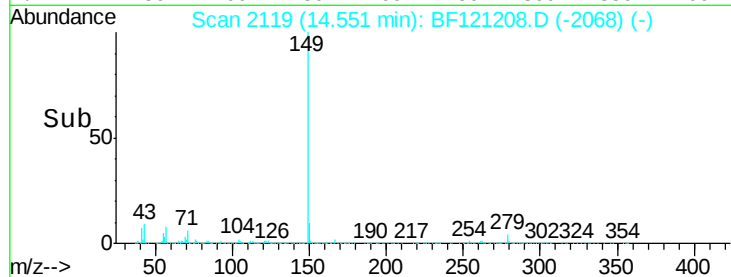
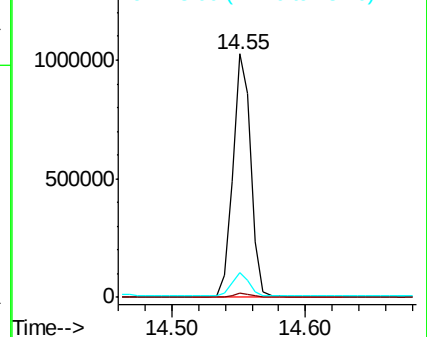
43 9.0 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

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

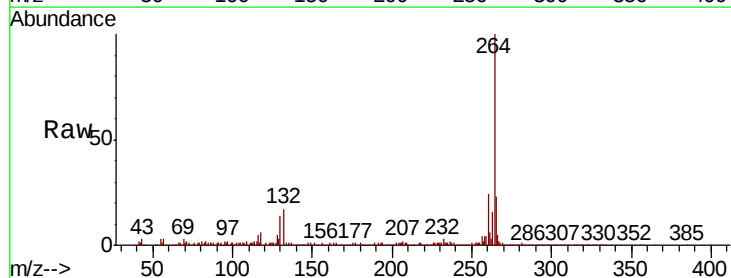
Tgt Ion:264 Resp: 377934

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

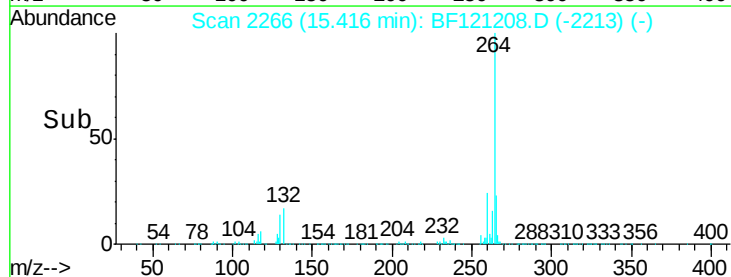
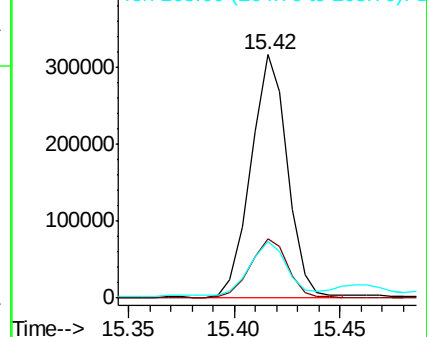
265 23.2 17.8 26.8

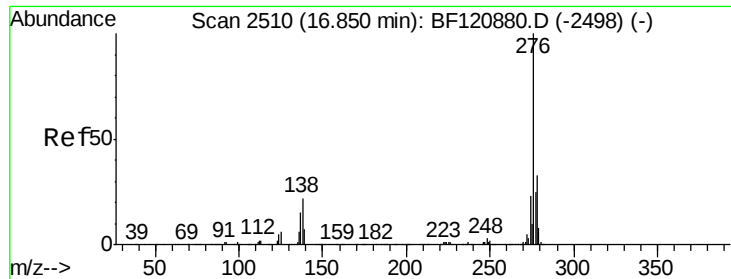


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

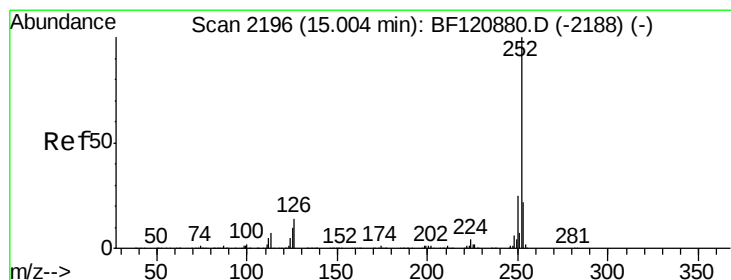
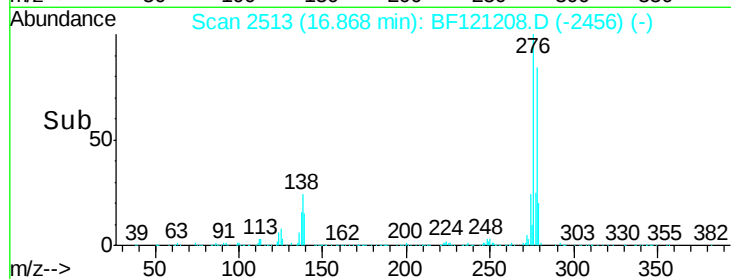
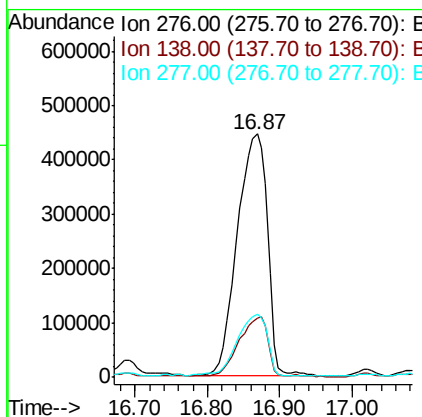
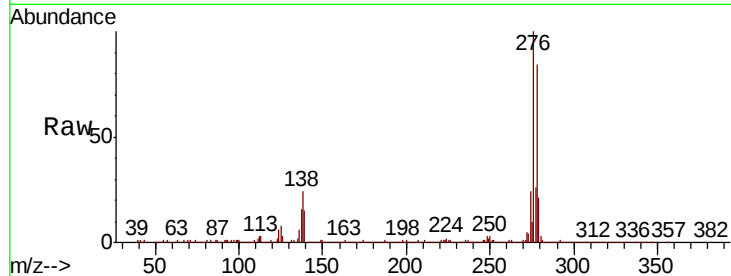




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.181 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.04 min
 Lab File: BF121208.D
 Acq: 6 Aug 2020 18:12

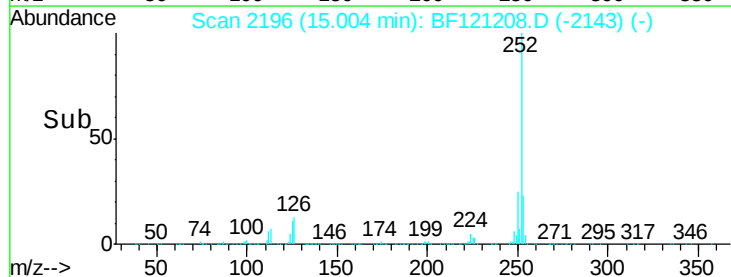
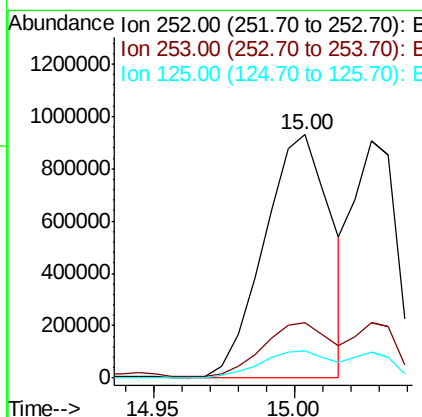
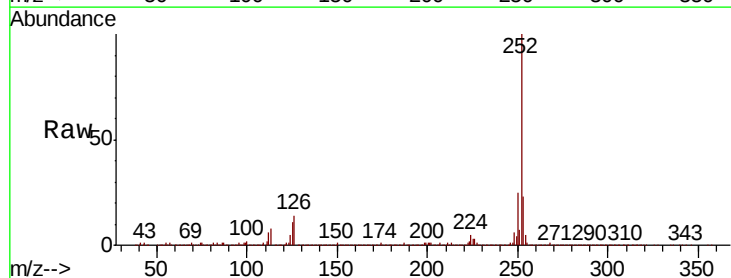
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMS

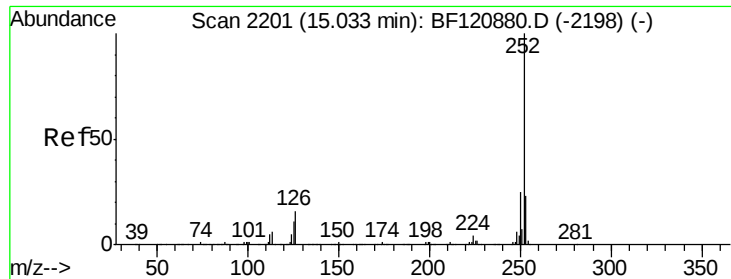
Tot Ion:276 Resp: 1292673
 Ion Ratio Lower Upper
 276 100
 138 22.9 19.3 28.9
 277 25.2 20.1 30.1



#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:252 Resp: 1516742
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.9 26.9
 125 11.0 8.1 12.1

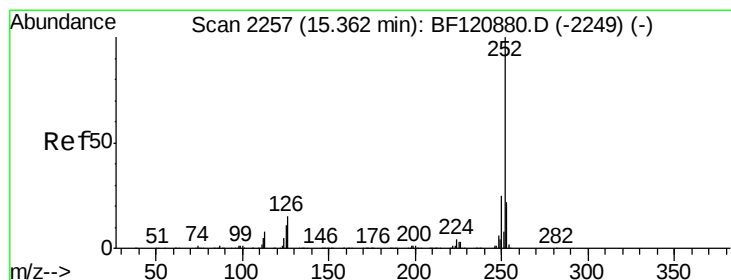
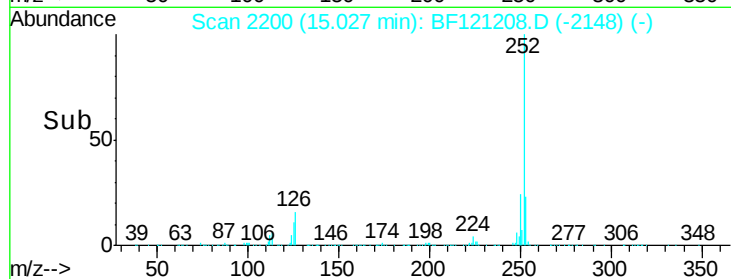
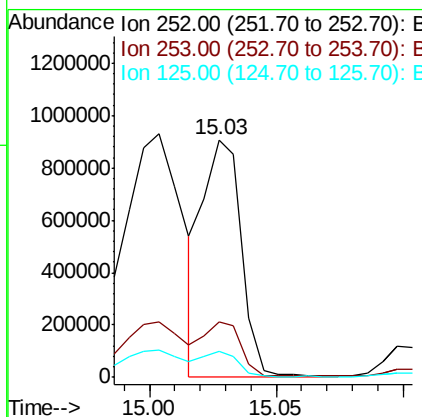
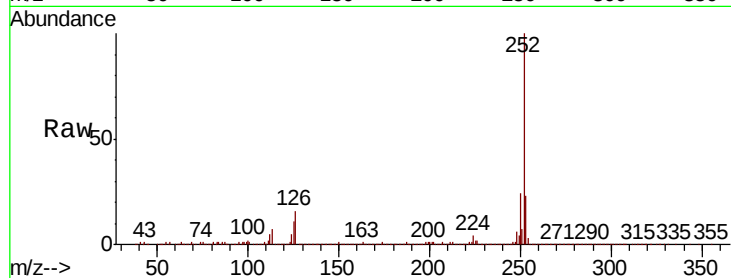




#89
Benzo(k)fluoranthene
Concen: 45.813 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121208.D
Acq: 6 Aug 2020 18:12

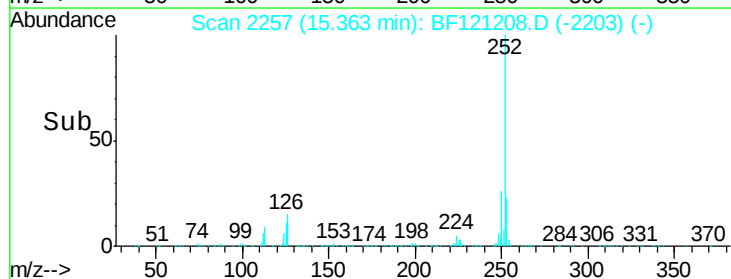
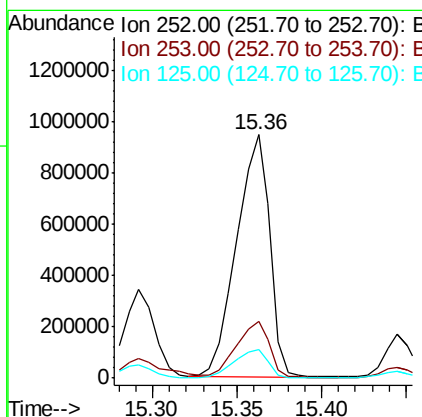
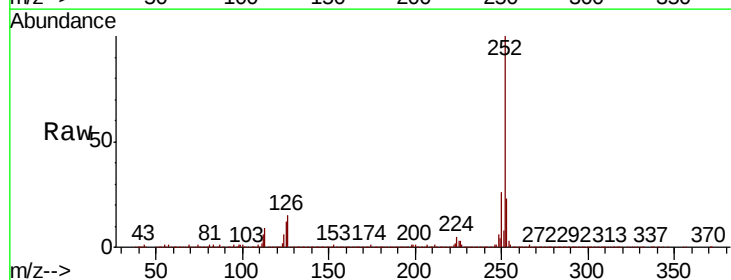
Instrument :
BNA_F
ClientSampleId :
JB-1AMS

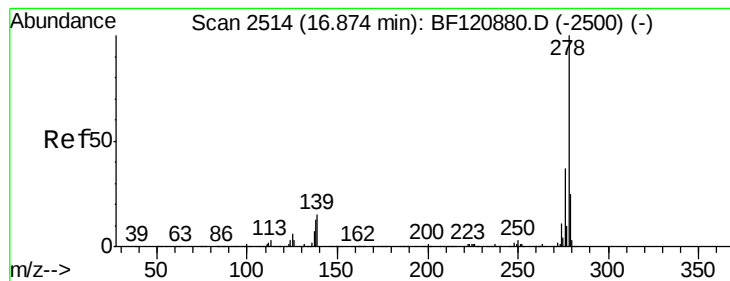
Tot Ion:252 Resp: 954490
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.0 8.0 12.0



#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:252 Resp: 1296874
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

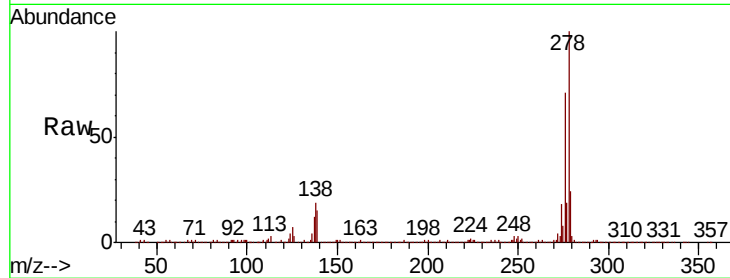
Tot Ion:278 Resp: 811724

Ion Ratio Lower Upper

278 100

139 15.3 12.6 18.8

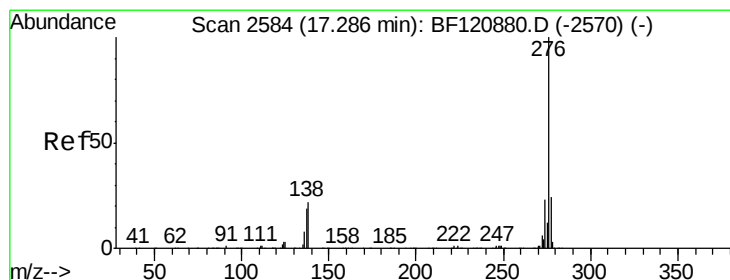
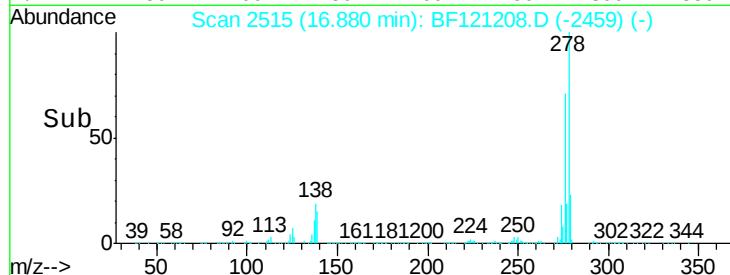
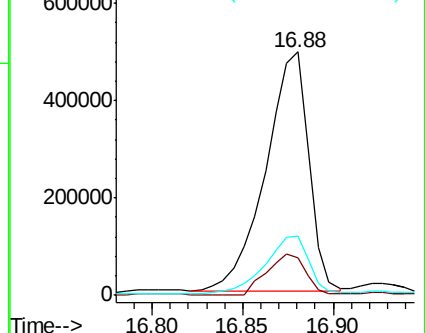
279 24.2 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(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

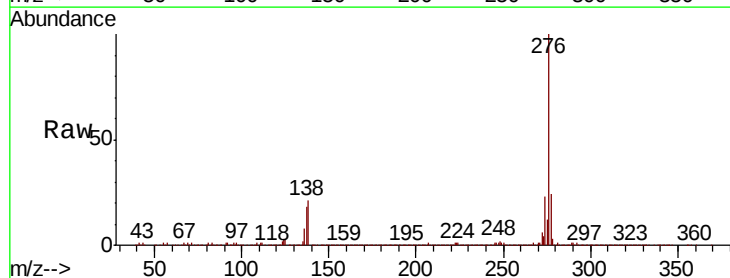
Tgt Ion:276 Resp: 1106950

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 21.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

