

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF071320\
 Data File : BF120852.D
 Acq On : 13 Jul 2020 14:43
 Operator : JU/CG
 Sample : L3184-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Quant Time: Jul 13 15:12:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	191181	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	725818	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	369636	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	684345	20.00	ng	0.00
76) Chrysene-d12	14.00	240	509567	20.00	ng	0.00
86) Perylene-d12	15.45	264	429200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1394045	112.56	ng	0.02
7) Phenol-d6	6.47	99	1557794	98.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	1237855	98.81	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	520040	140.04	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2057916	84.23	ng	0.00
79) Terphenyl-d14	12.94	244	2162619	83.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	234238	41.404	ng	96
3) Pyridine	3.42	79	570905	36.841	ng	97
4) n-Nitrosodimethylamine	3.35	42	311544	40.188	ng	86
6) Aniline	6.50	93	638814	31.449	ng	96
8) 2-Chlorophenol	6.62	128	617442	46.826	ng	99
9) Benzaldehyde	6.38	77	106061	11.275	ng	98
10) Phenol	6.48	94	622952	38.288	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	598193	45.182	ng	99
12) 1,3-Dichlorobenzene	6.77	146	620212	42.733	ng	98
13) 1,4-Dichlorobenzene	6.85	146	623181	42.869	ng	98
14) 1,2-Dichlorobenzene	7.00	146	580246	41.955	ng	99
15) Benzyl Alcohol	6.97	79	492321	41.429	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	842982	40.820	ng	99
17) 2-Methylphenol	7.09	107	479810	40.676	ng	99
18) Hexachloroethane	7.35	117	233594	42.754	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	398316	41.827	ng	95
20) 3+4-Methylphenols	7.24	107	519157	35.734	ng	# 86
22) Acetophenone	7.25	105	748362	41.481	ng	# 94
24) Nitrobenzene	7.42	77	637311	45.309	ng	97
25) Isophorone	7.66	82	1170554	43.327	ng	99
26) 2-Nitrophenol	7.73	139	308221	51.782	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	500951	46.450	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	726375	45.428	ng	99
29) 2,4-Dichlorophenol	7.97	162	506134	47.010	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	544371	45.016	ng	99
31) Naphthalene	8.14	128	1684770	43.434	ng	100
32) Benzoic acid	7.89	122	330472	43.746	ng	94
33) 4-Chloroaniline	8.19	127	388250	23.587	ng	98
34) Hexachlorobutadiene	8.26	225	308607	42.432	ng	100
35) Caprolactam	8.56	113	66936	21.336	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	515115	45.994	ng	93
37) 2-Methylnaphthalene	8.83	142	1135947	45.049	ng	99
38) 1-Methylnaphthalene	8.93	142	1078332	45.654	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	479165	42.892	ng	99

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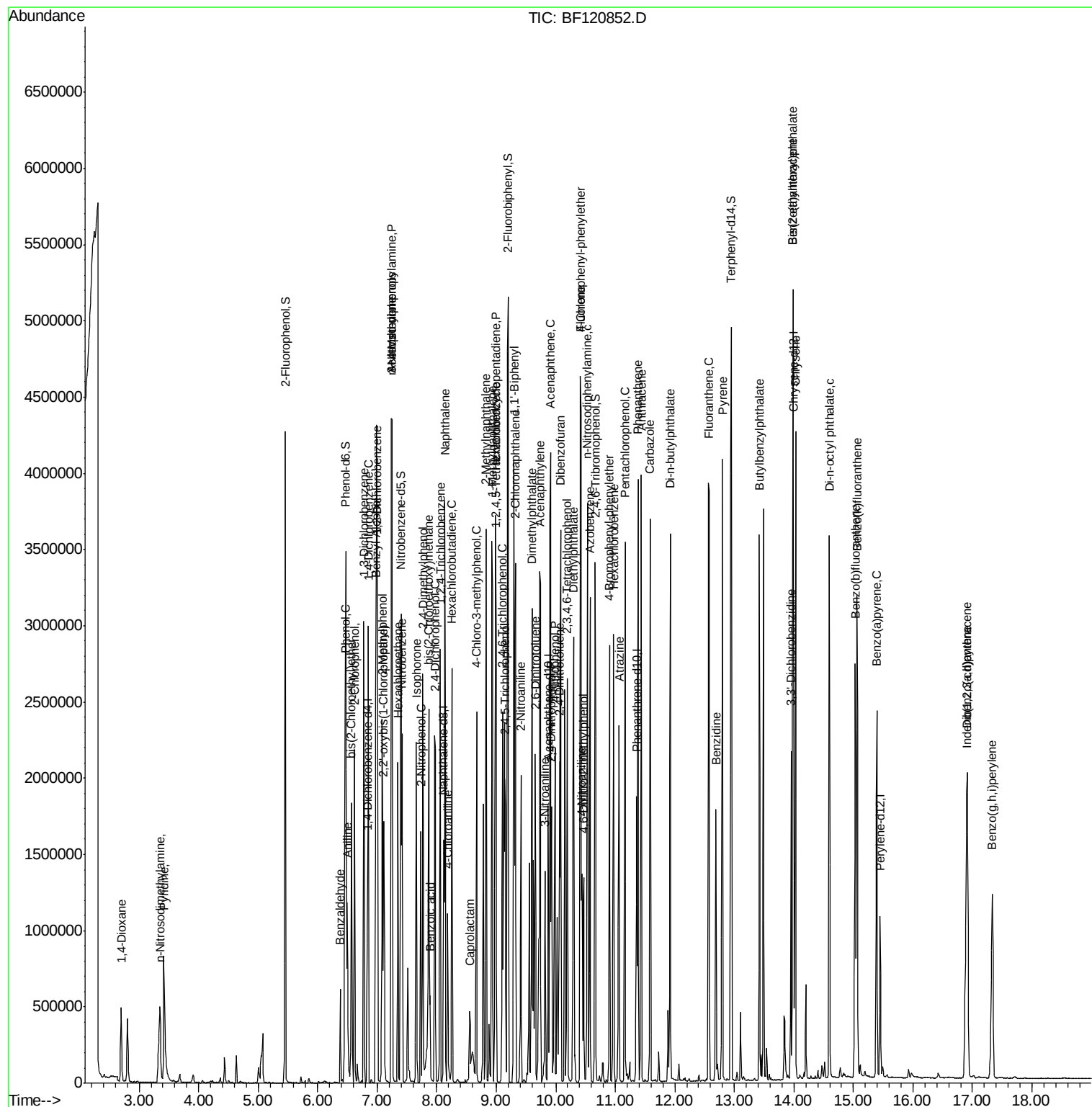
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	491483	74.462	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	366793	48.184	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	385229	45.600	ng	98
46) 1,1'-Biphenyl	9.30	154	1308241	43.877	ng	98
47) 2-Chloronaphthalene	9.32	162	1057898	44.289	ng	98
48) 2-Nitroaniline	9.42	65	339392	47.482	ng	89
49) Acenaphthylene	9.74	152	1648650	44.024	ng	100
50) Dimethylphthalate	9.60	163	1456732	54.025	ng	99
51) 2,6-Dinitrotoluene	9.66	165	274346	51.043	ng	88
52) Acenaphthene	9.91	154	1129192	48.604	ng	100
53) 3-Nitroaniline	9.82	138	219999	34.127	ng	99
54) 2,4-Dinitrophenol	9.93	184	255289	116.193	ng	# 82
55) Dibenzofuran	10.08	168	1486627	44.392	ng	98
56) 4-Nitrophenol	9.99	139	413993	83.622	ng	88
57) 2,4-Dinitrotoluene	10.06	165	362685	53.928	ng	# 79
58) Fluorene	10.42	166	1053843	42.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	323616	51.478	ng	96
60) Diethylphthalate	10.30	149	1240459	44.162	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	499409	39.854	ng	96
62) 4-Nitroaniline	10.45	138	302457	52.793	ng	86
63) Azobenzene	10.57	77	1209764	42.103	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	174320	58.738	ng	# 74
66) n-Nitrosodiphenylamine	10.53	169	1029391	44.878	ng	97
67) 4-Bromophenyl-phenylether	10.90	248	344845	43.440	ng	99
68) Hexachlorobenzene	10.97	284	390958	46.933	ng	# 92
69) Atrazine	11.06	200	282181	47.752	ng	98
70) Pentachlorophenol	11.16	266	448189	95.096	ng	99
71) Phenanthrene	11.39	178	1609393	43.343	ng	100
72) Anthracene	11.43	178	1686745	44.954	ng	99
73) Carbazole	11.59	167	1603387	44.467	ng	100
74) Di-n-butylphthalate	11.92	149	1883951	42.202	ng	99
75) Fluoranthene	12.57	202	1794548	45.368	ng	99
77) Benzidine	12.69	184	654100	45.477	ng	99
78) Pyrene	12.80	202	1834677	45.081	ng	100
80) Butylbenzylphthalate	13.42	149	817051	46.502	ng	99
81) Benzo(a)anthracene	13.99	228	1391099	42.588	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	421298	38.220	ng	# 99
83) Chrysene	14.03	228	1525212	45.777	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	894167	38.808	ng	98
85) Di-n-octyl phthalate	14.60	149	1833650	44.985	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	1283954	46.639	ng	100
88) Benzo(b)fluoranthene	15.03	252	1412837	50.071	ng	99
89) Benzo(k)fluoranthene	15.06	252	1368845	49.855	ng	99
90) Benzo(a)pyrene	15.39	252	1205921	47.910	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1076204	46.904	ng	99
92) Benzo(g,h,i)perylene	17.33	276	1037959	49.497	ng	99

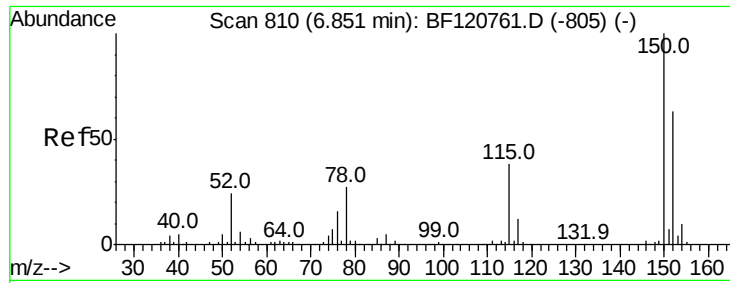
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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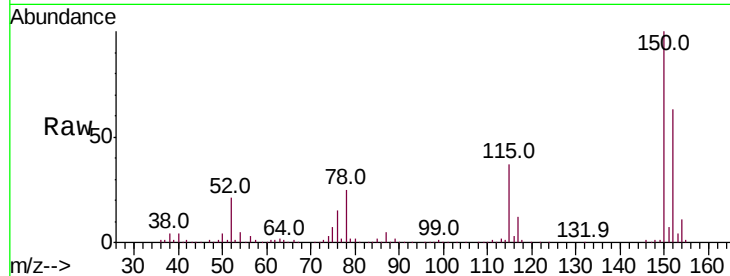


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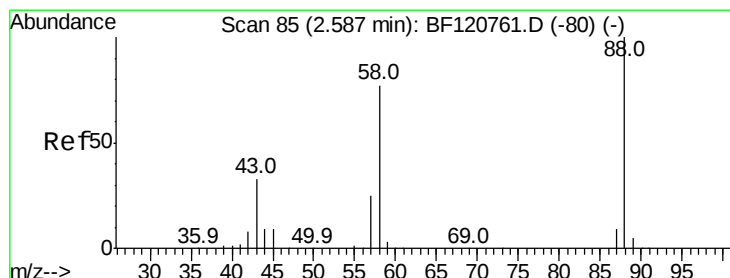
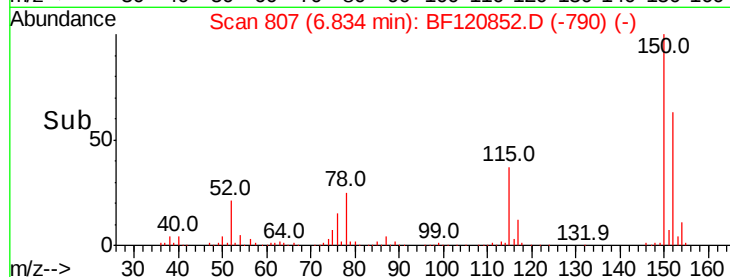
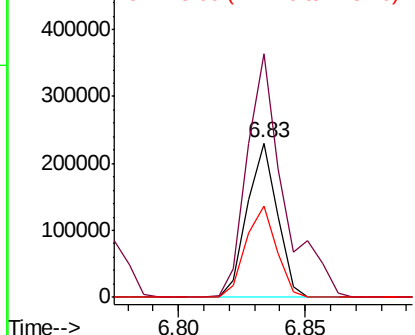
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:152 Resp: 191181
Ion Ratio Lower Upper
152 100
150 157.5 126.1 189.1
115 59.1 48.5 72.7



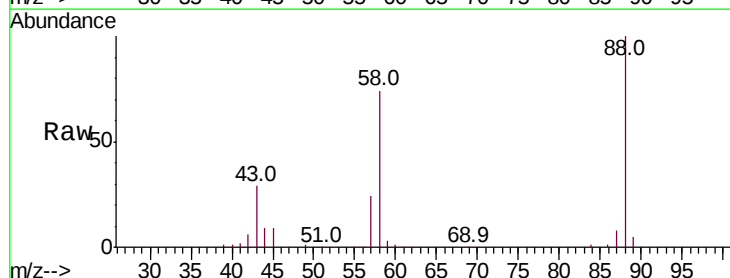
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



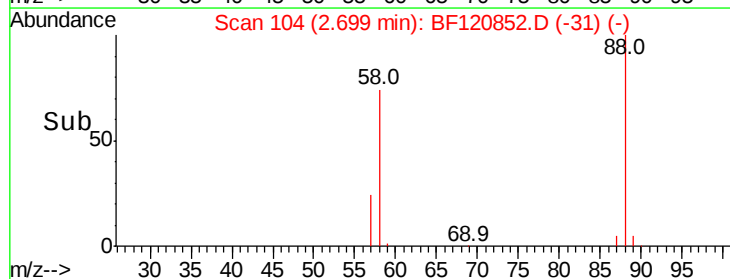
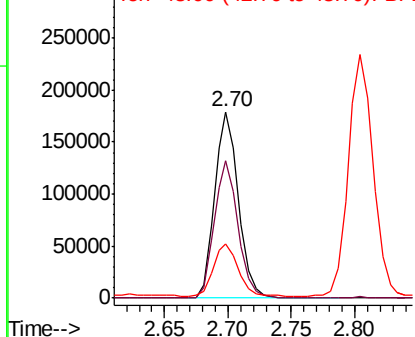
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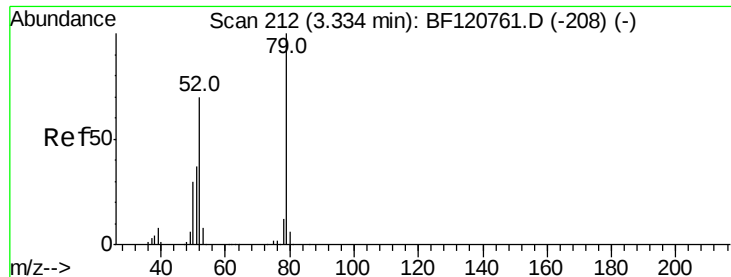
1,4-Dioxane
Concen: 41.404 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.13 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion: 88 Resp: 234238
Ion Ratio Lower Upper
88 100
58 73.5 60.4 90.6
43 28.7 26.3 39.5



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

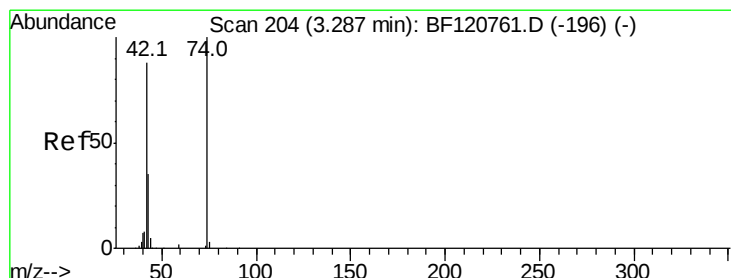
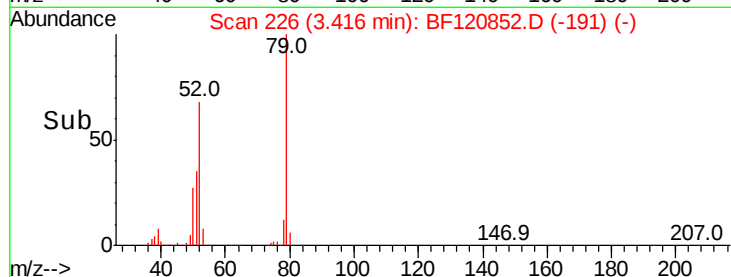
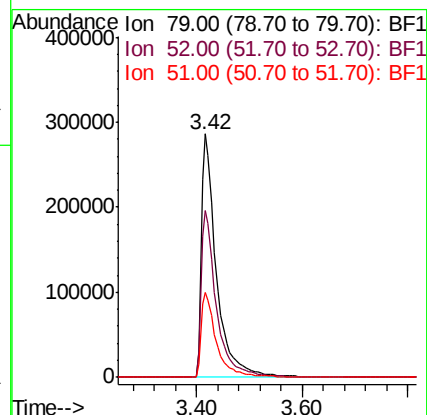
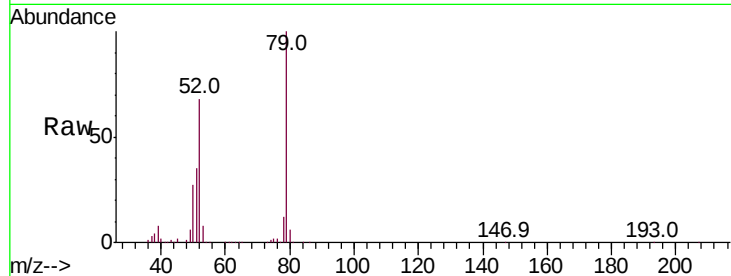




#3
 Pvridine
 Concen: 36.841 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.11 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

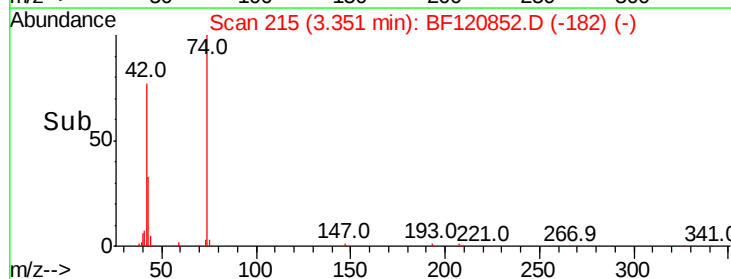
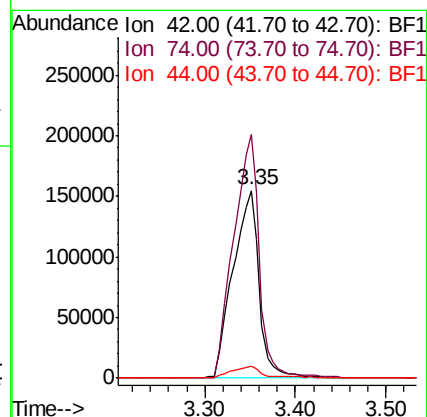
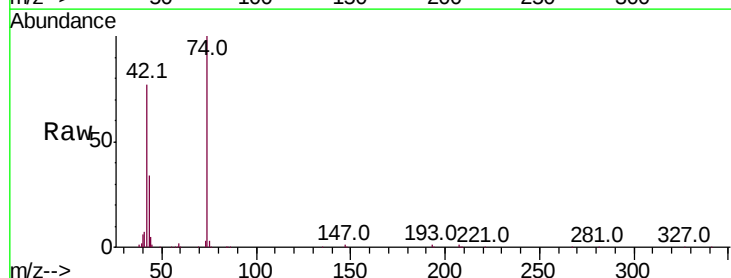
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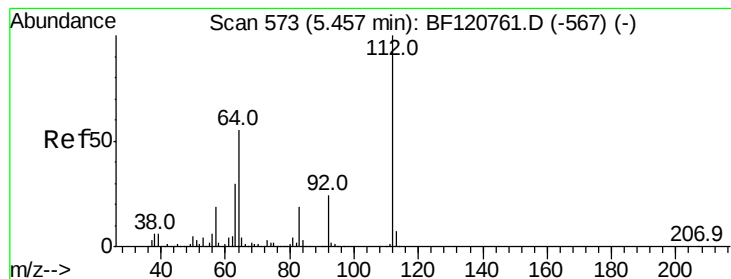
Tot Ion: 79 Resp: 570905
 Ion Ratio Lower Upper
 79 100
 52 68.3 56.3 84.5
 51 34.8 30.1 45.1



#4
 n-Nitrosodimethylamine
 Concen: 40.188 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion: 42 Resp: 311544
 Ion Ratio Lower Upper
 42 100
 74 129.8 90.8 136.2
 44 6.4 5.8 8.8





#5

2-Fluorophenol

Concen: 112.559 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

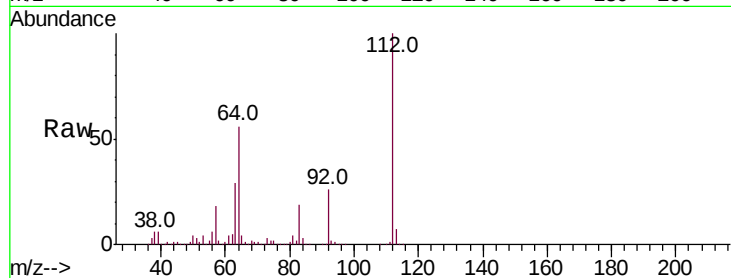
Tot Ion:112 Resp: 1394045

Ion Ratio Lower Upper

112 100

64 55.6 43.8 65.6

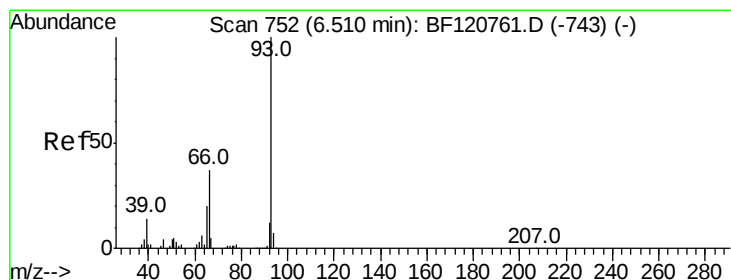
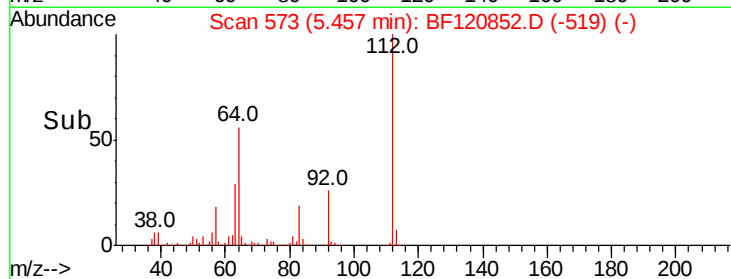
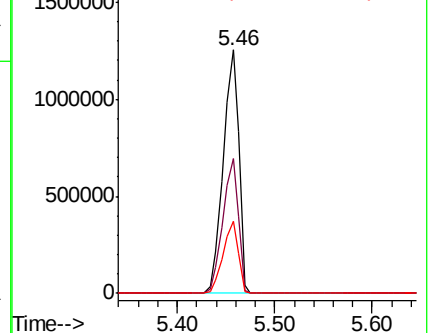
63 29.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.449 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

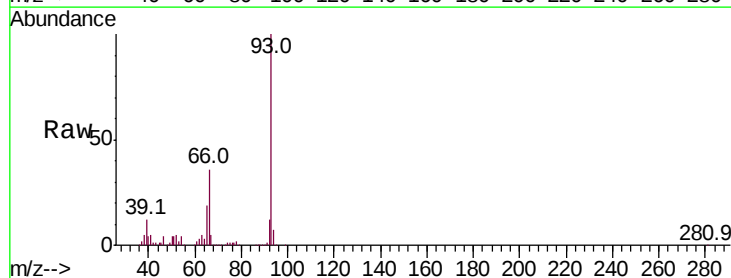
Tgt Ion: 93 Resp: 638814

Ion Ratio Lower Upper

93 100

66 36.0 31.3 46.9

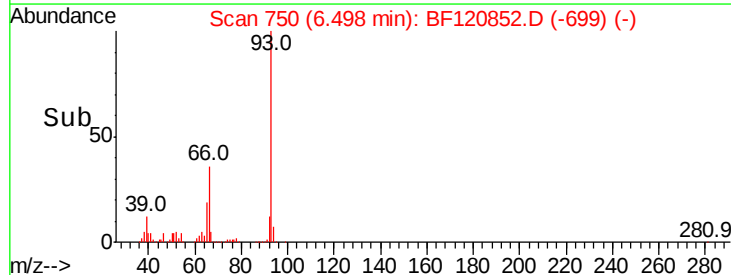
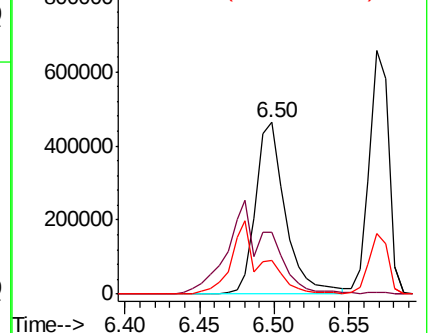
65 19.5 16.5 24.7

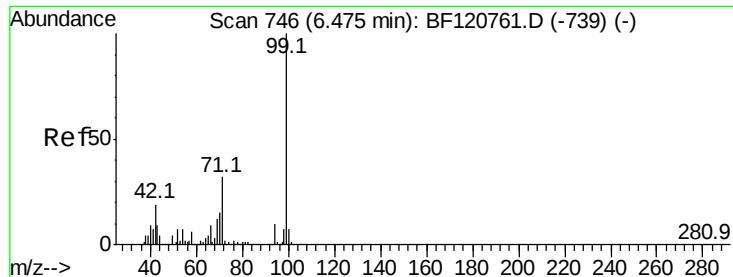


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.494 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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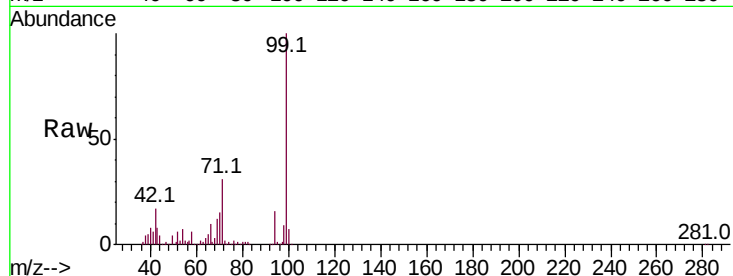
Tot Ion: 99 Resp: 1557794

Ion Ratio Lower Upper

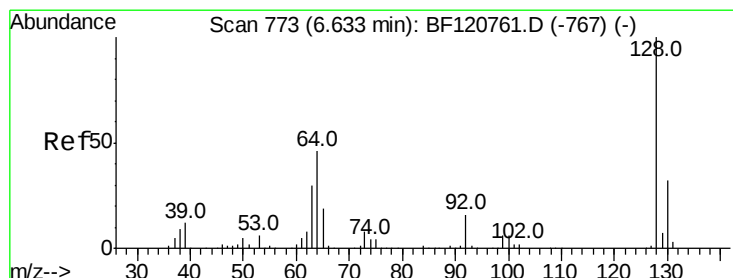
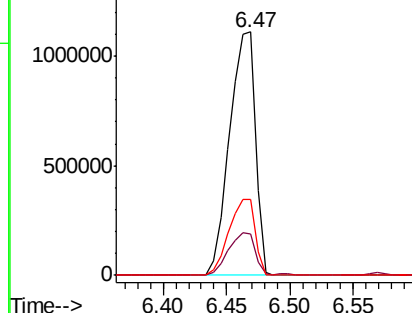
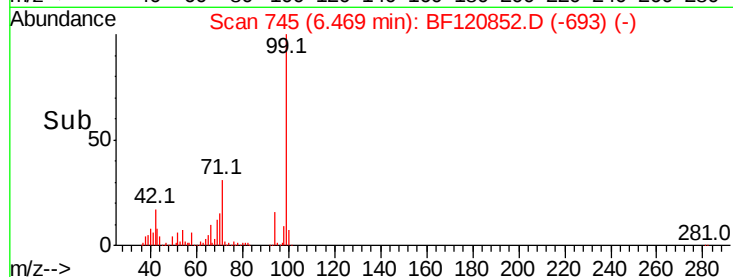
99 100

42 17.2 15.4 23.0

71 31.2 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.826 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

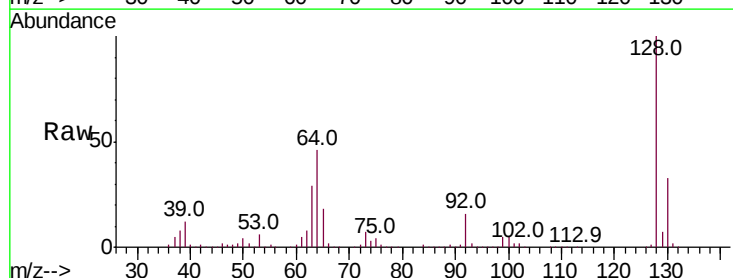
Tgt Ion: 128 Resp: 617442

Ion Ratio Lower Upper

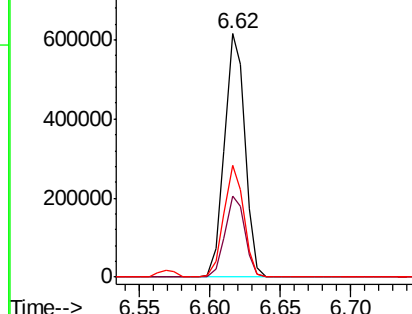
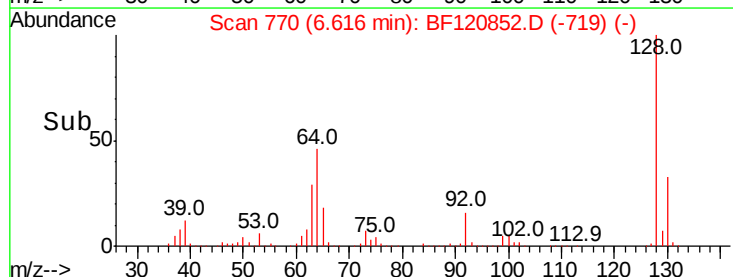
128 100

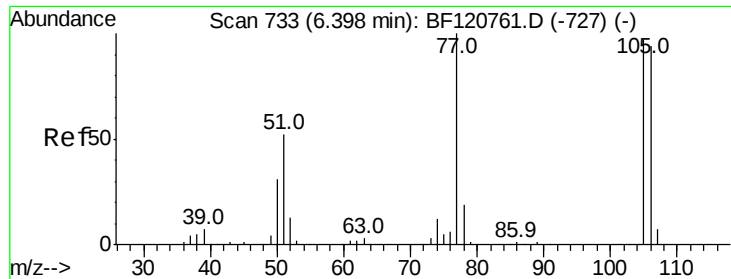
130 33.3 12.1 52.1

64 45.7 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

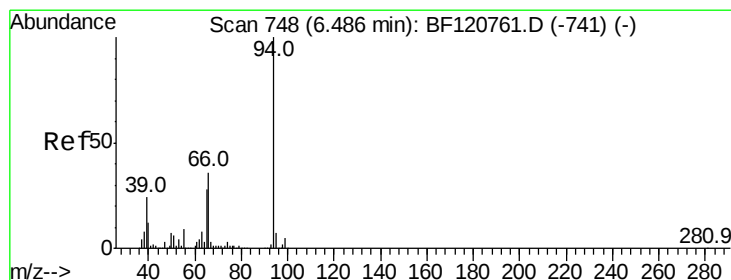
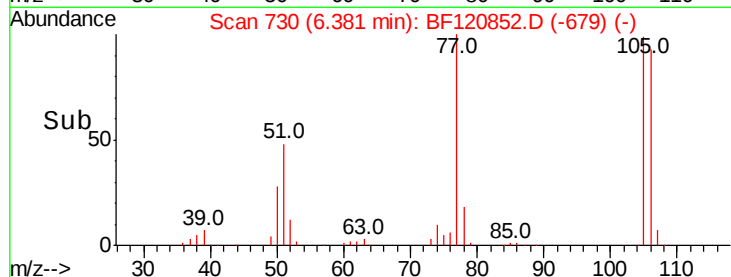
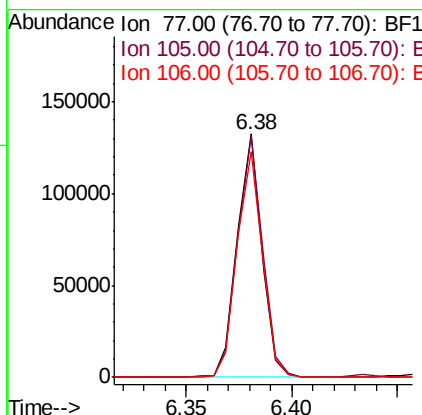
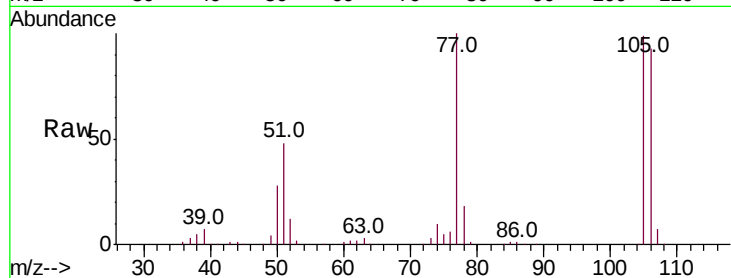




#9
Benzaldehyde
Concen: 11.275 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
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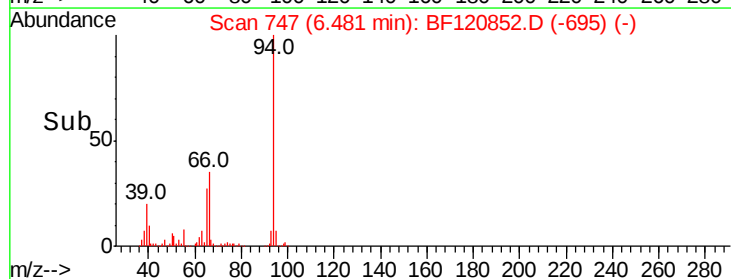
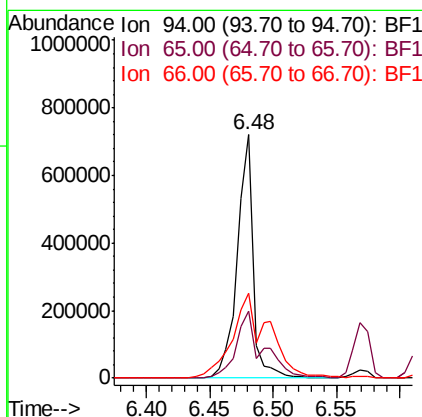
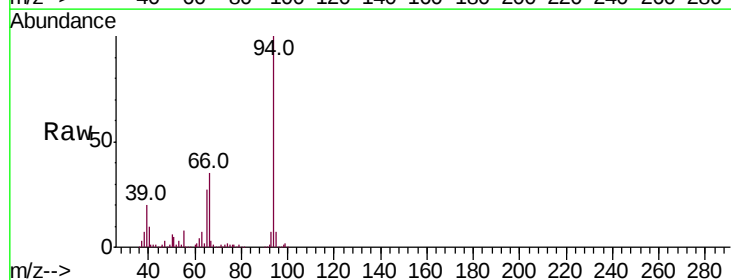
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

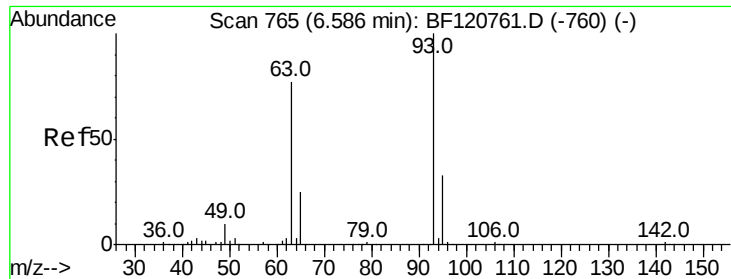
Tot Ion: 77 Resp: 106061
Ion Ratio Lower Upper
77 100
105 98.8 76.8 116.8
106 92.5 73.8 113.8



#10
Phenol
Concen: 38.288 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion: 94 Resp: 622952
Ion Ratio Lower Upper
94 100
65 27.3 8.4 48.4
66 35.0 16.5 56.5

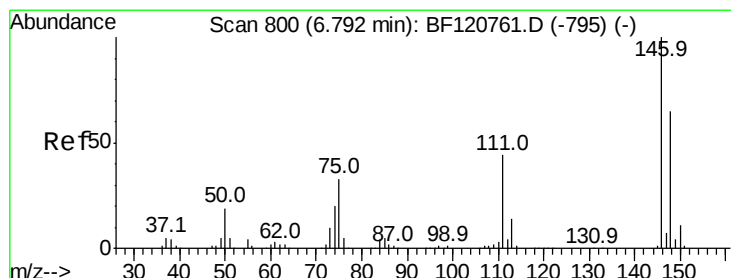
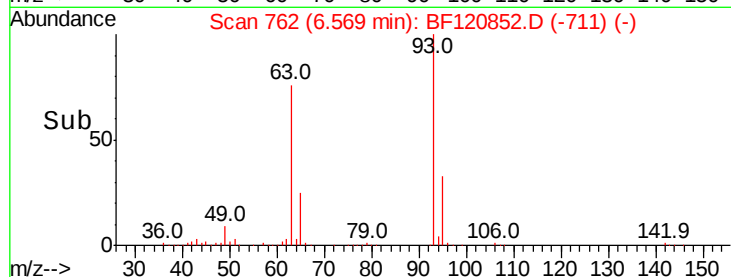
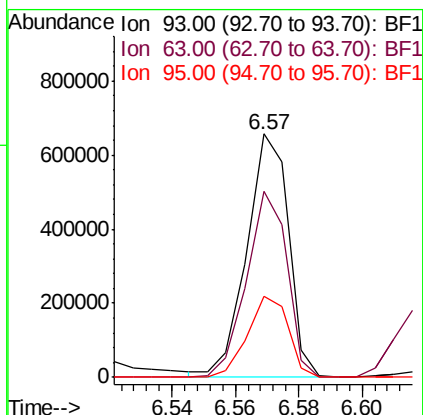
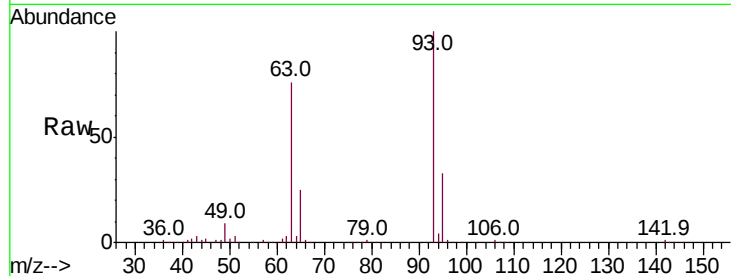




#11
 bis(2-Chloroethyl)ether
 Concen: 45.182 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

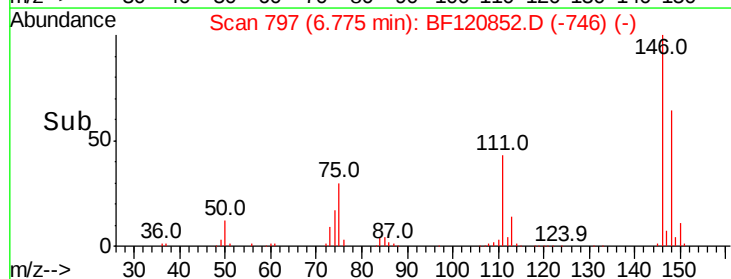
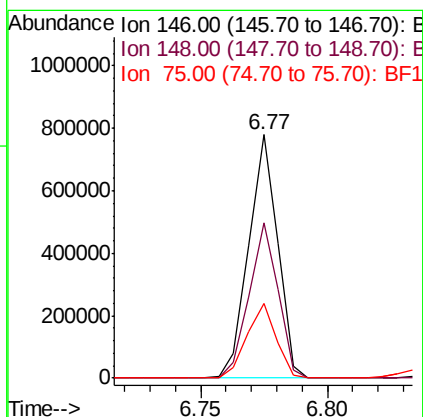
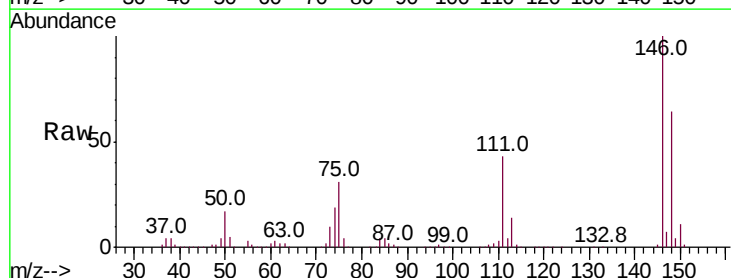
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

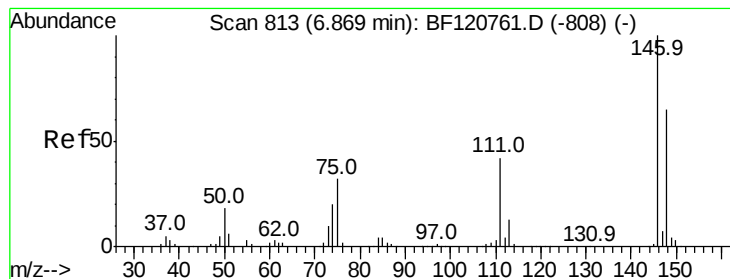
Tot Ion: 93 Resp: 598193
 Ion Ratio Lower Upper
 93 100
 63 76.3 56.9 96.9
 95 33.1 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 42.733 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion: 146 Resp: 620212
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.1 78.1
 75 30.7 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 42.869 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

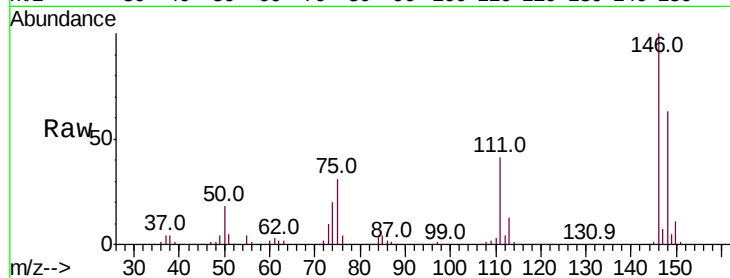
Tot Ion:146 Resp: 623181

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

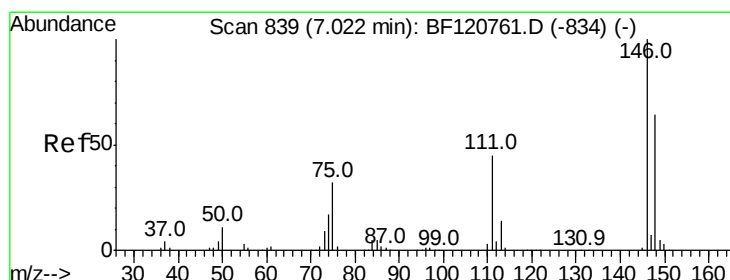
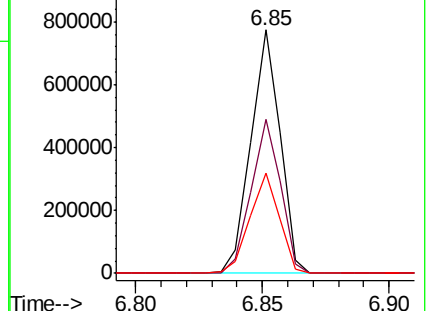
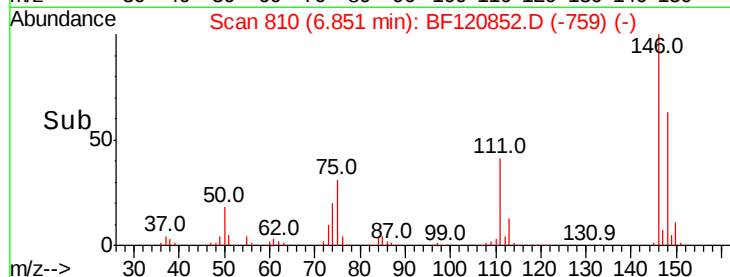
111 41.2 33.7 50.5



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: 41.955 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

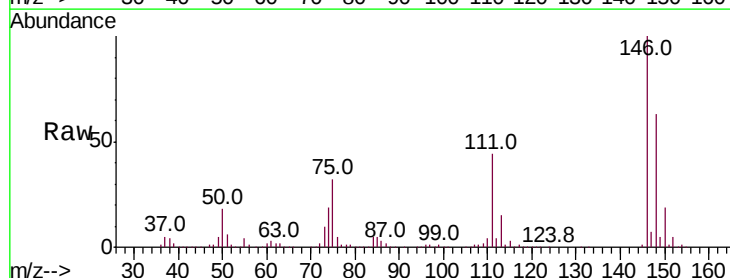
Tgt Ion:146 Resp: 580246

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

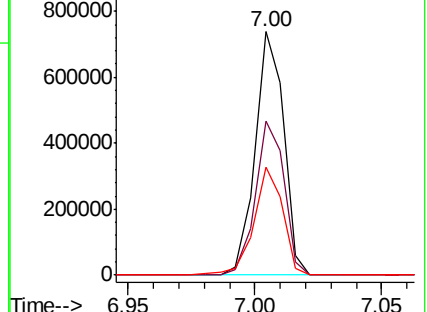
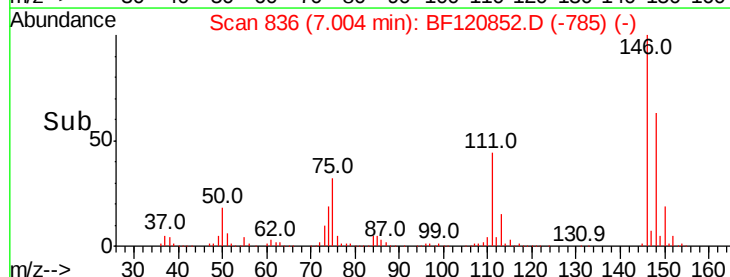
111 44.4 35.7 53.5

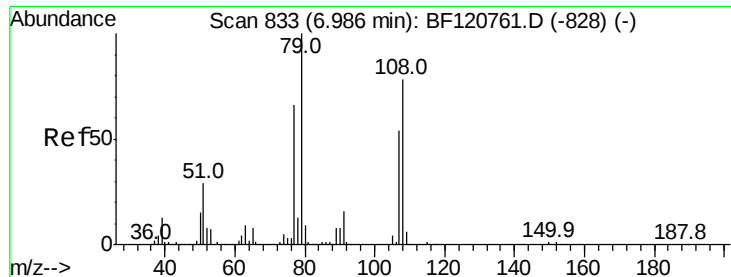


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.429 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

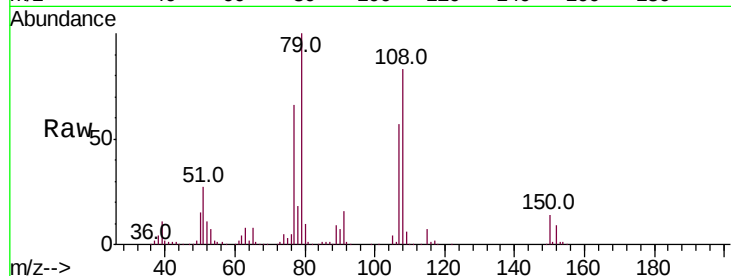
Tot Ion: 79 Resp: 492321

Ion Ratio Lower Upper

79 100

108 82.5 62.4 93.6

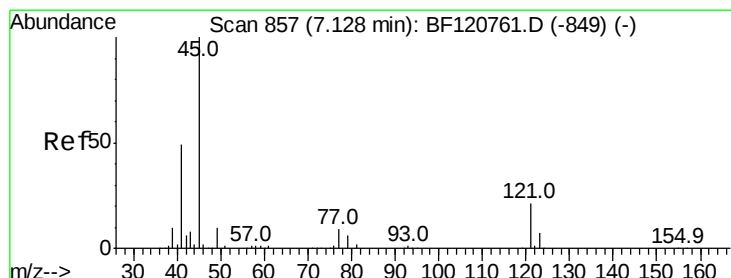
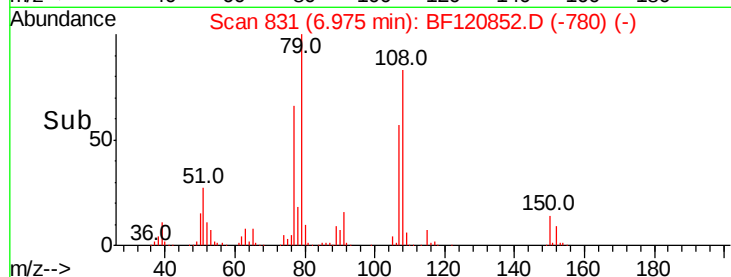
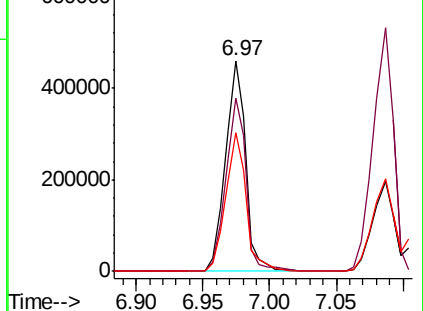
77 65.7 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.820 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

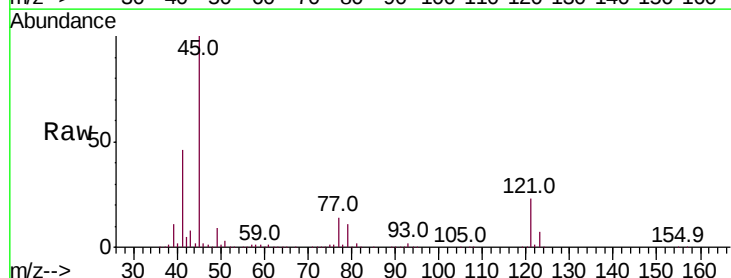
Tgt Ion: 45 Resp: 842982

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.7

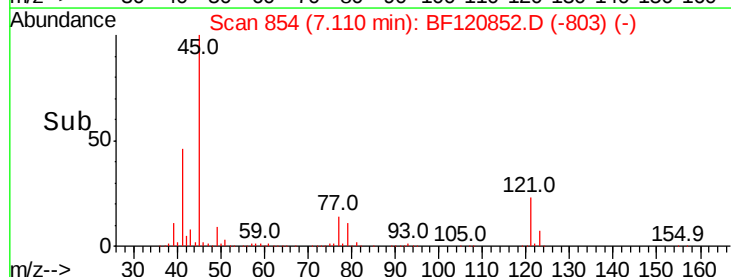
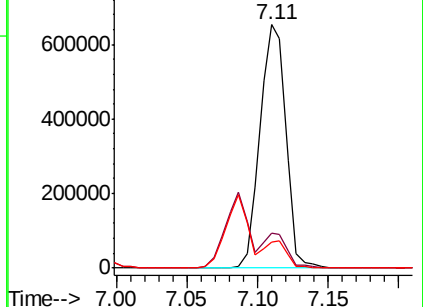
79 10.7 0.0 30.5

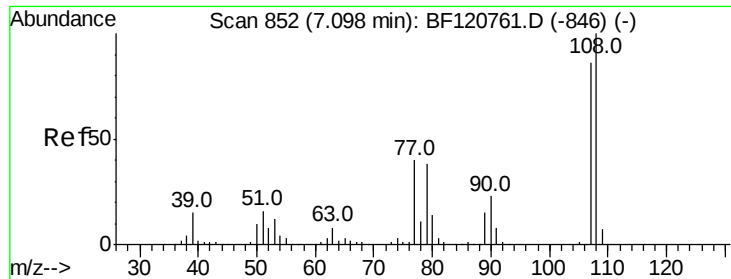


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

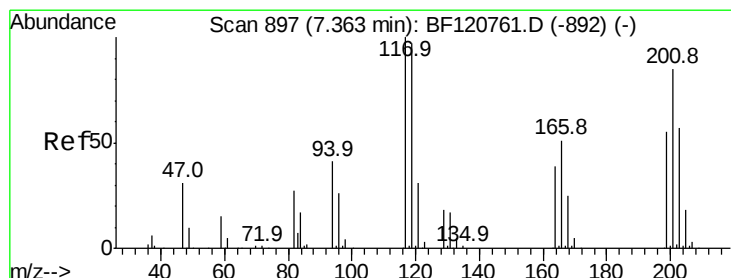
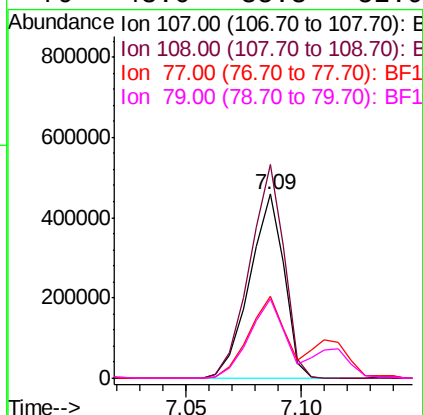
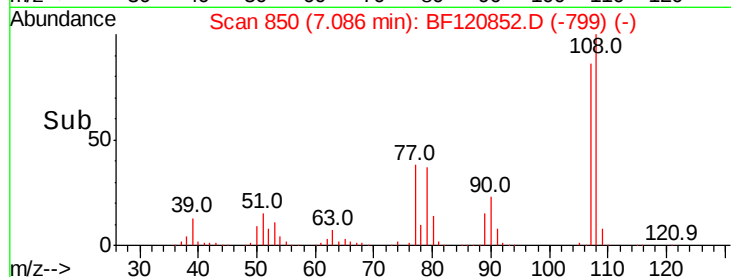
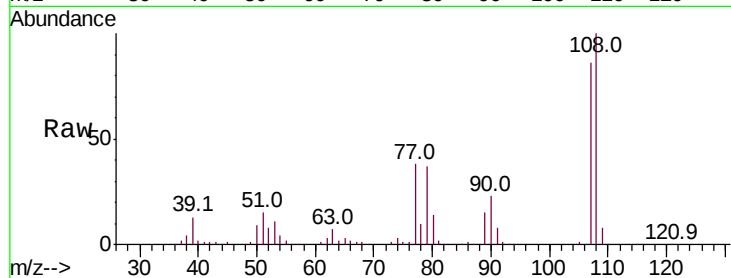




#17
2-Methylphenol
Concen: 40.676 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

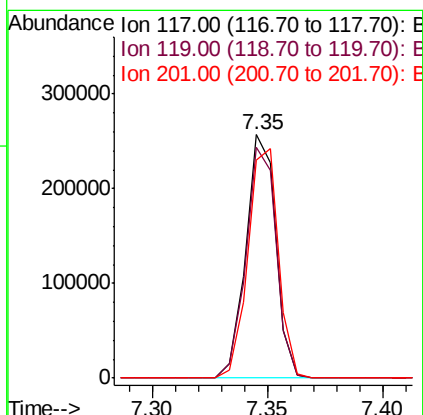
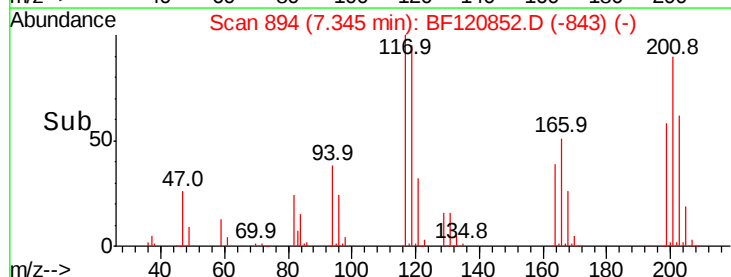
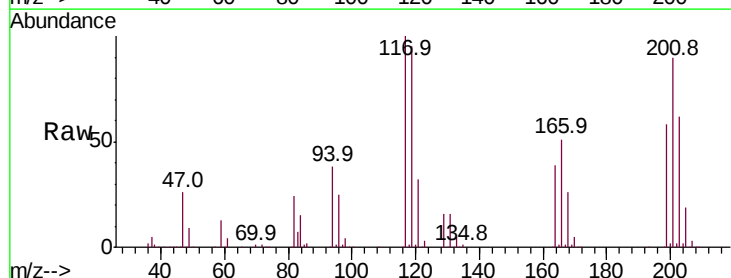
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

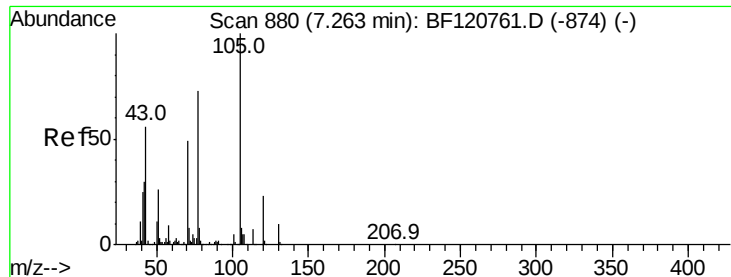
Tot Ion:	107	Resp:	479810
Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.1	139.7
77	44.3	37.3	55.9
79	43.0	35.3	52.9



#18
Hexachloroethane
Concen: 42.754 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:	117	Resp:	233594
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.9	116.9
201	89.5	68.3	102.5

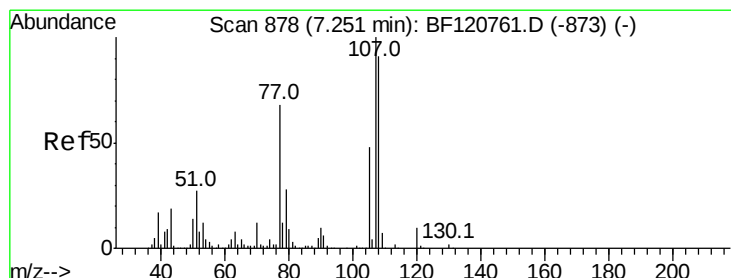
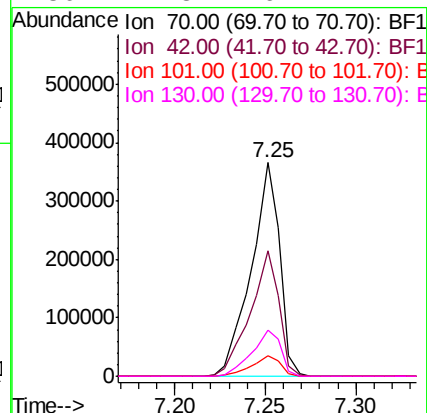
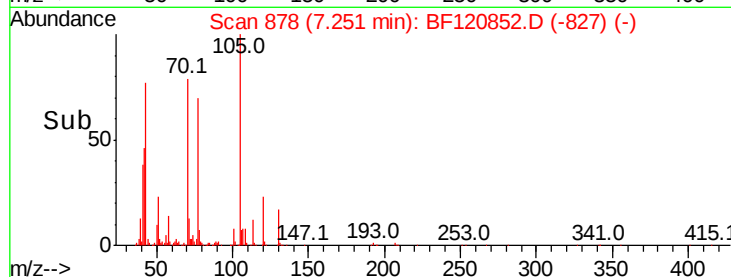
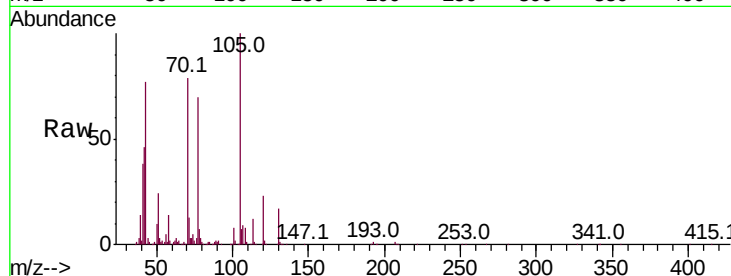




#19
n-Nitroso-di-n-propylamine
Concen: 41.827 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

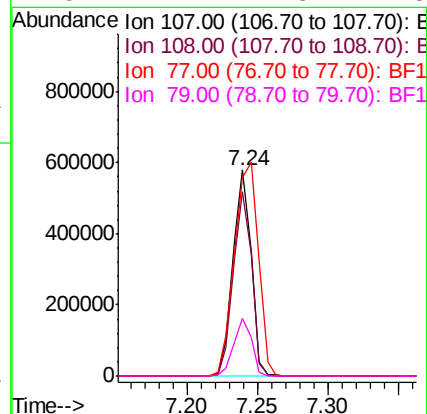
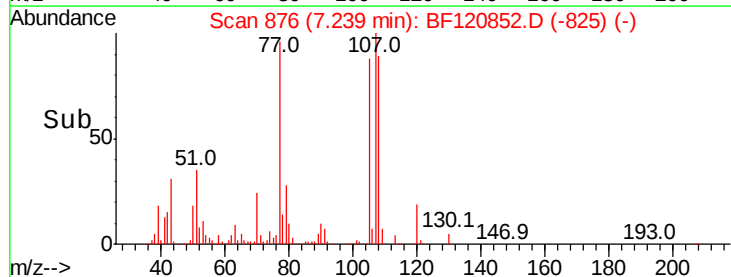
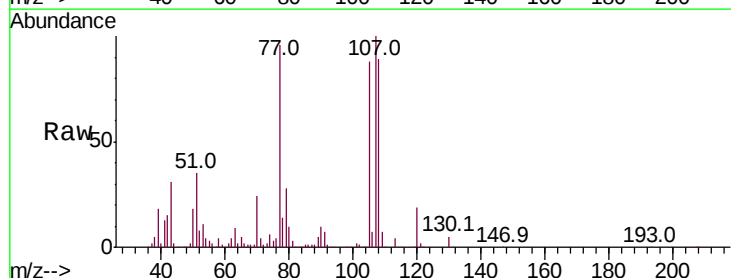
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

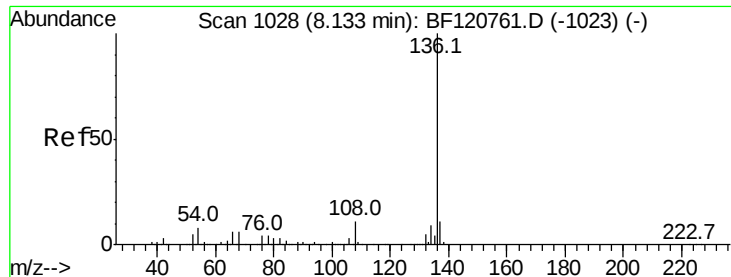
Tot Ion: 70 Resp: 398316
Ion Ratio Lower Upper
70 100
42 58.5 50.3 75.5
101 9.7 7.5 11.3
130 21.8 16.1 24.1



#20
3+4-Methylphenols
Concen: 35.734 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion: 107 Resp: 519157
Ion Ratio Lower Upper
107 100
108 89.2 70.9 110.9
77 96.5 48.3 88.3#
79 27.7 7.8 47.8

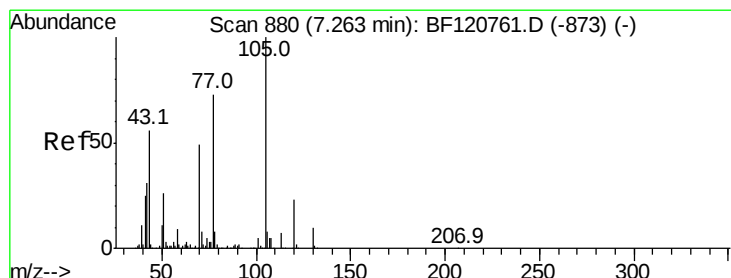
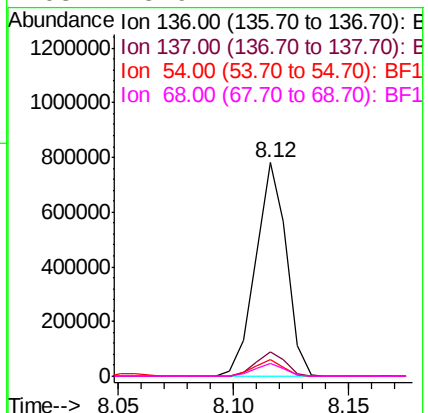
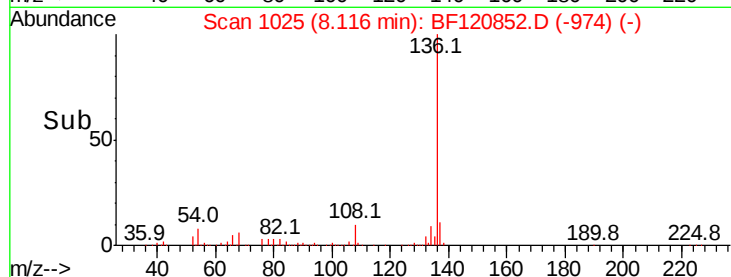
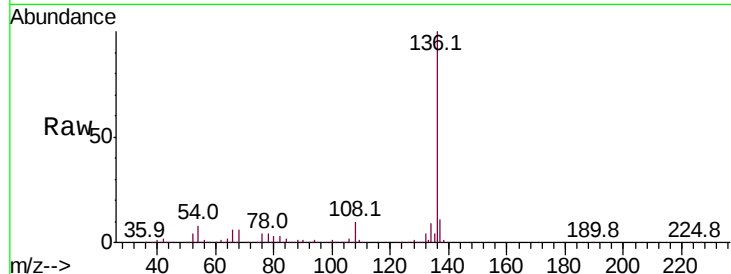




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

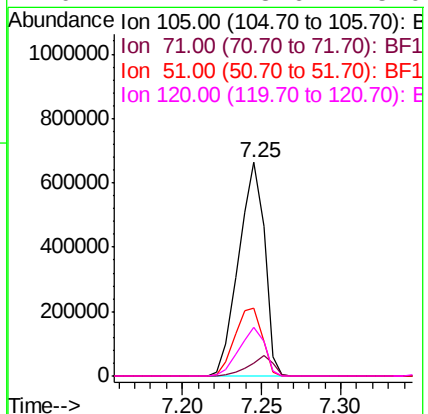
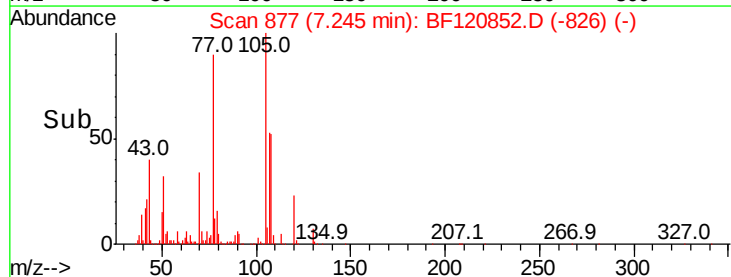
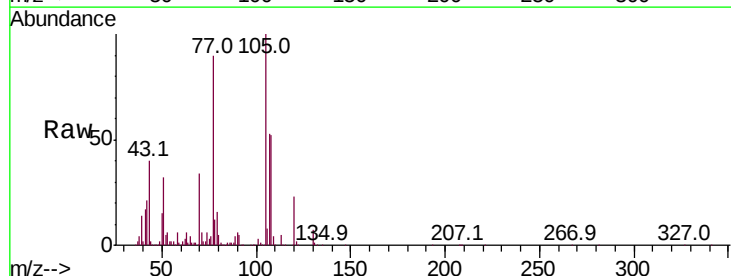
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

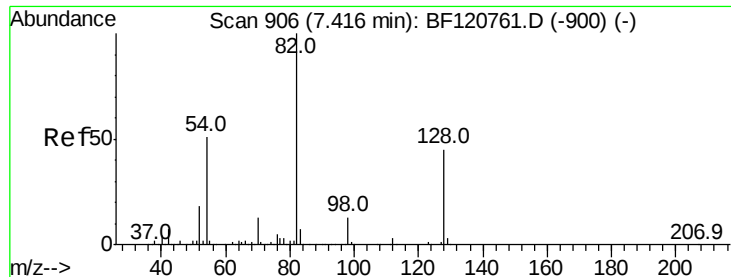
Tot Ion:136	Resp:	725818
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	7.8	6.2 9.4
68	5.9	4.7 7.1



#22
Acetophenone
Concen: 41.481 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:105	Resp:	748362
Ion Ratio	Lower	Upper
105	100	
71	5.8	6.5 9.7#
51	31.7	21.0 31.4#
120	22.7	18.6 28.0

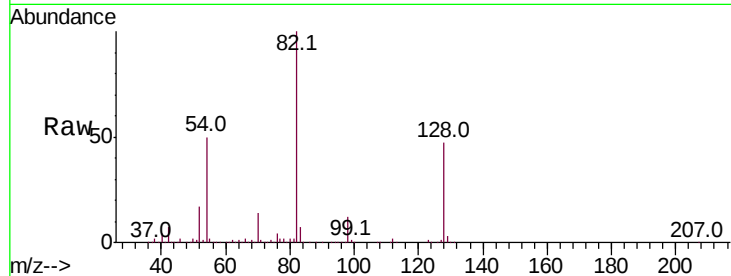




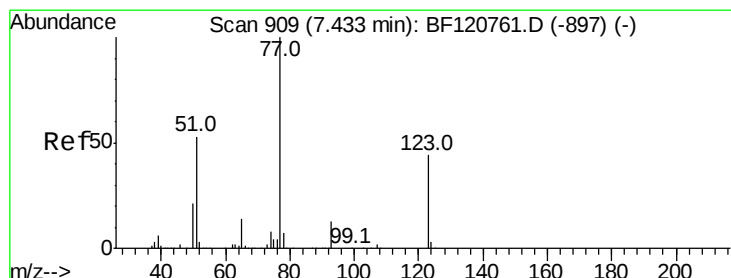
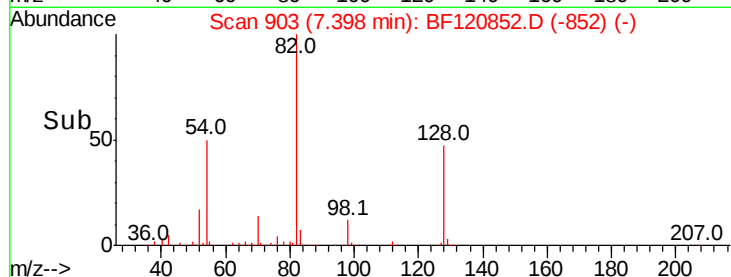
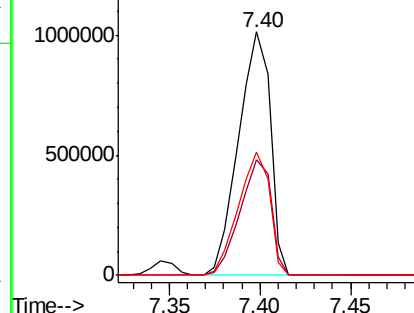
#23
 Nitrobenzene-d5
 Concen: 98.811 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion: 82 Resp: 1237855
 Ion Ratio Lower Upper
 82 100
 128 47.5 35.7 53.5
 54 50.4 40.9 61.3

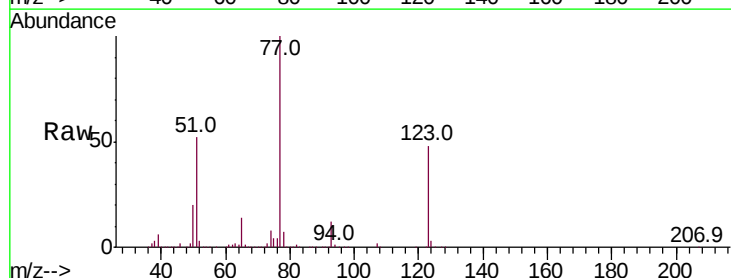


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

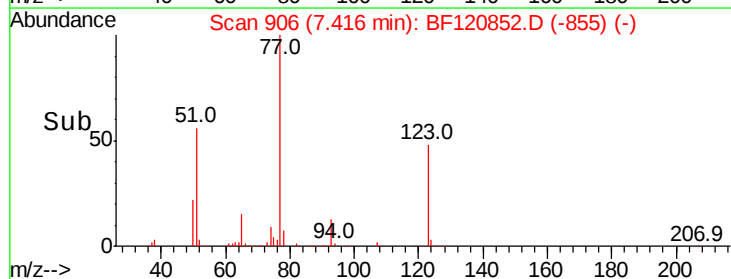
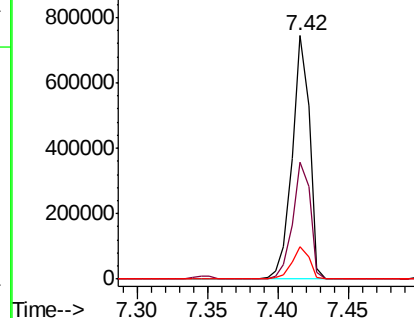


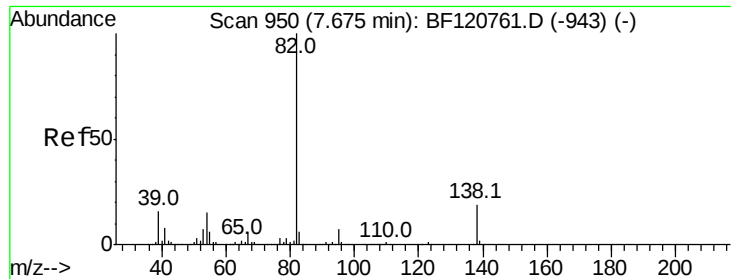
#24
 Nitrobenzene
 Concen: 45.309 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion: 77 Resp: 637311
 Ion Ratio Lower Upper
 77 100
 123 47.8 36.1 54.1
 65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 43.327 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

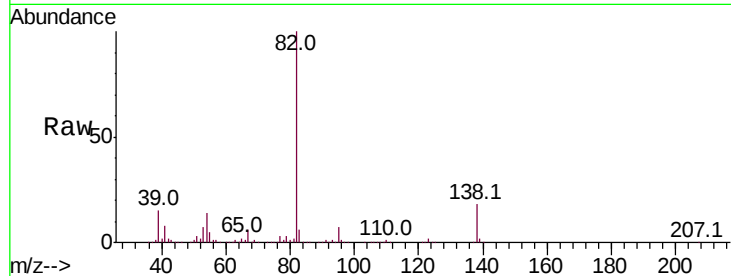
Tot Ion: 82 Resp: 1170554

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

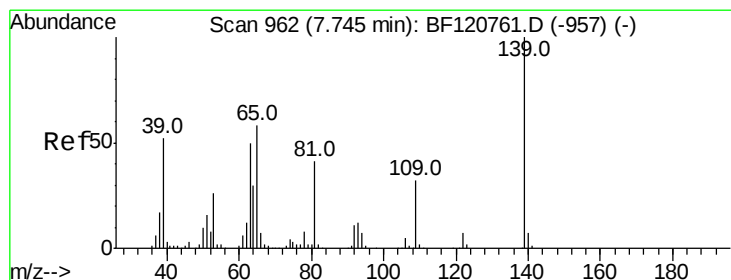
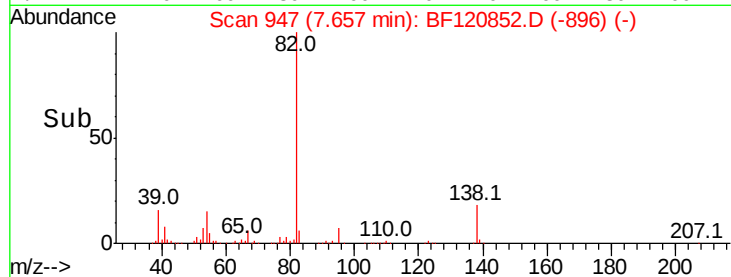
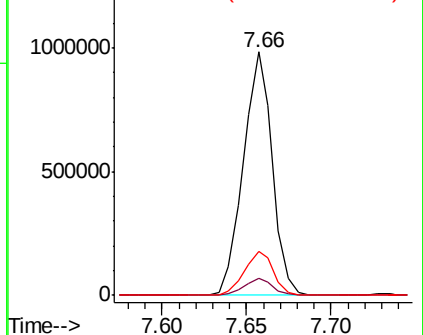
138 18.2 15.0 22.4



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: 51.782 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

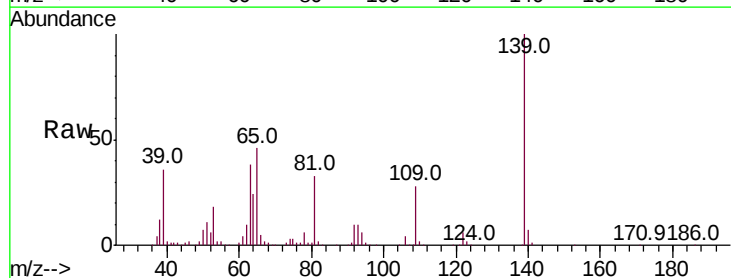
Tgt Ion: 139 Resp: 308221

Ion Ratio Lower Upper

139 100

109 28.4 25.3 37.9

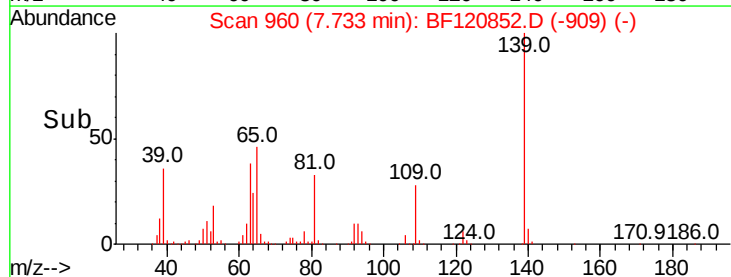
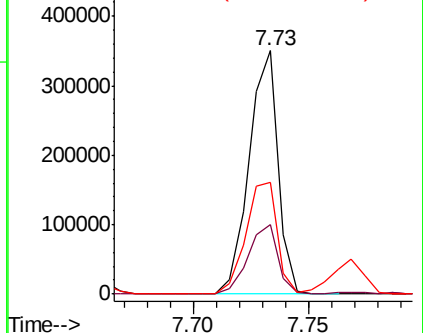
65 45.9 46.2 69.2#

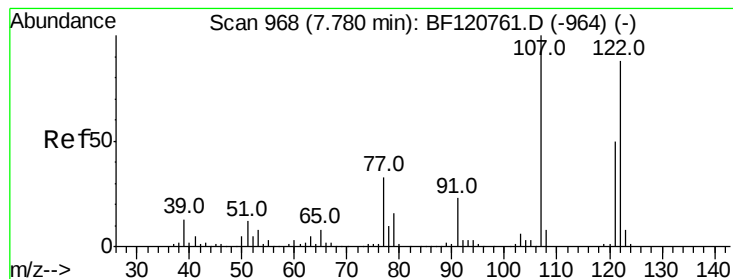


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

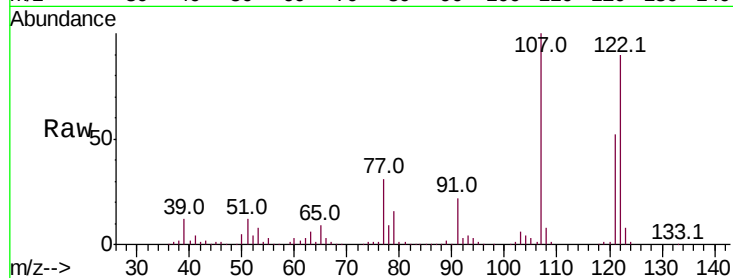




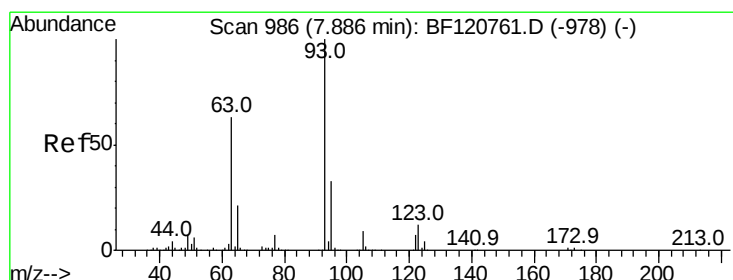
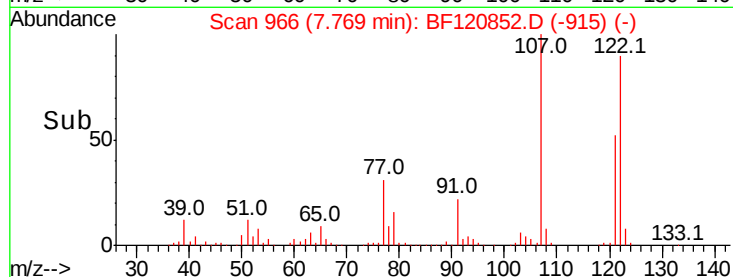
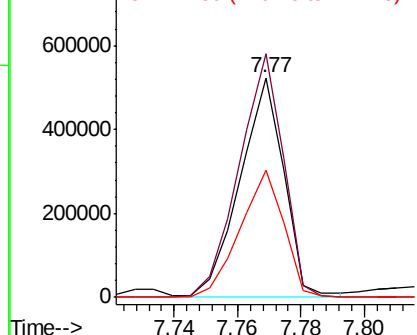
#27
2,4-Dimethylphenol
Concen: 46.450 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:122 Resp: 500951
Ion Ratio Lower Upper
122 100
107 110.9 90.7 136.1
121 57.9 45.4 68.0

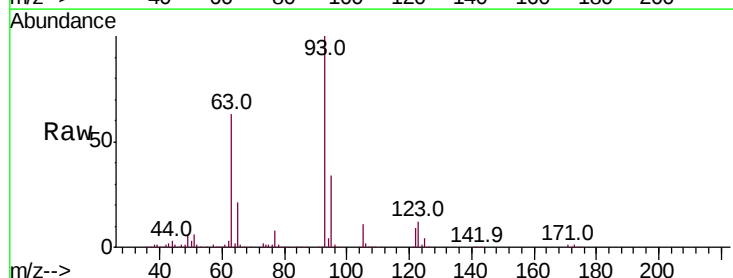


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

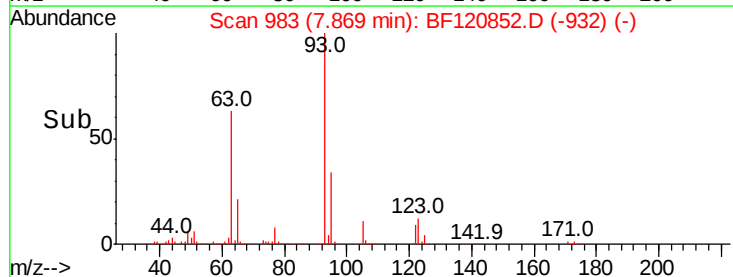
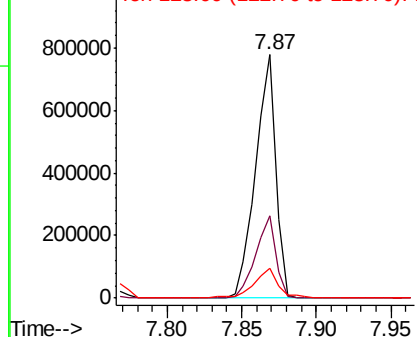


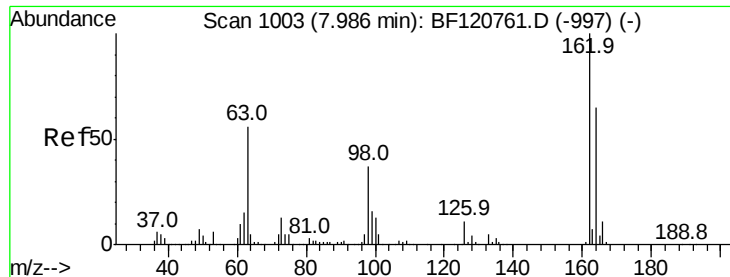
#28
bis(2-Chloroethoxy)methane
Concen: 45.428 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion: 93 Resp: 726375
Ion Ratio Lower Upper
93 100
95 33.8 26.4 39.6
123 12.2 10.2 15.2



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

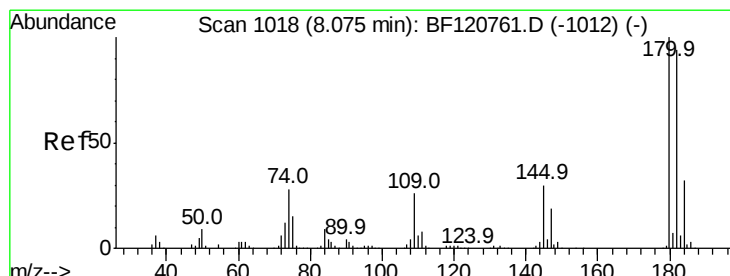
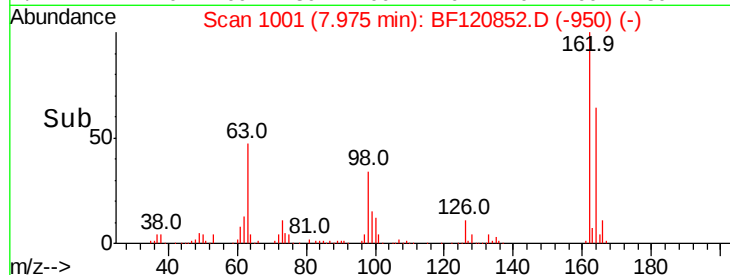
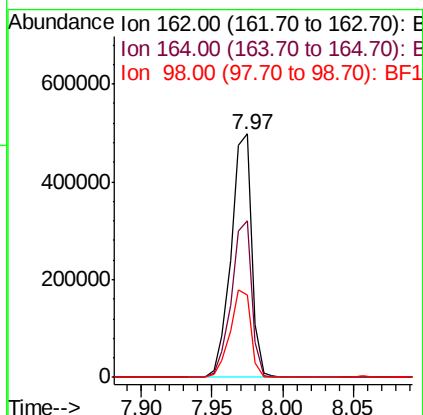
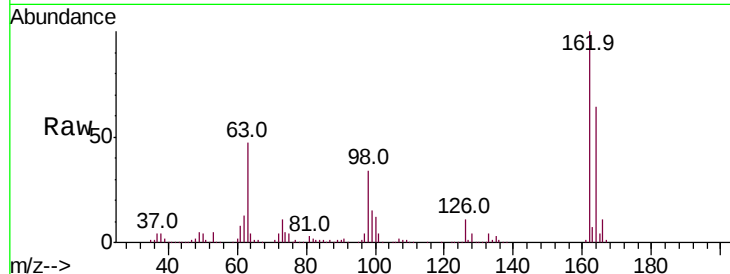




#29
 2,4-Dichlorophenol
 Concen: 47.010 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

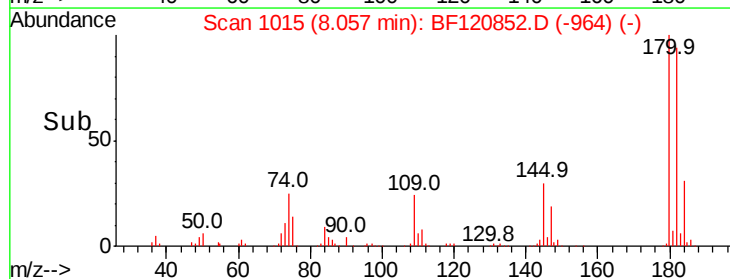
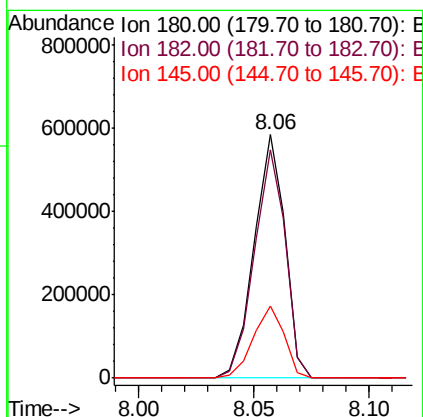
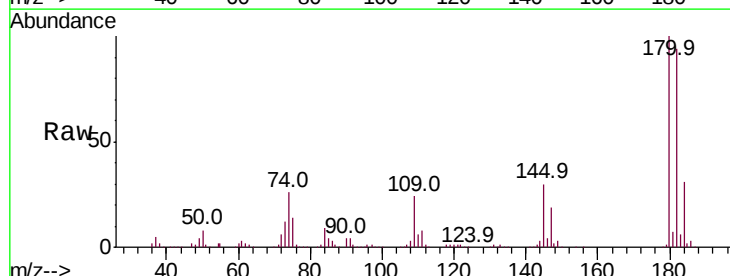
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

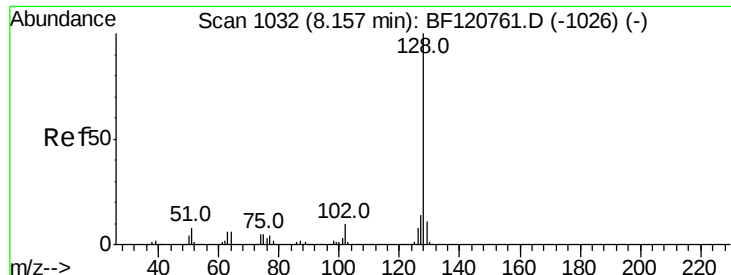
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.2	85.2
98	33.7	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.016 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.5	113.3
145	29.6	24.1	36.1

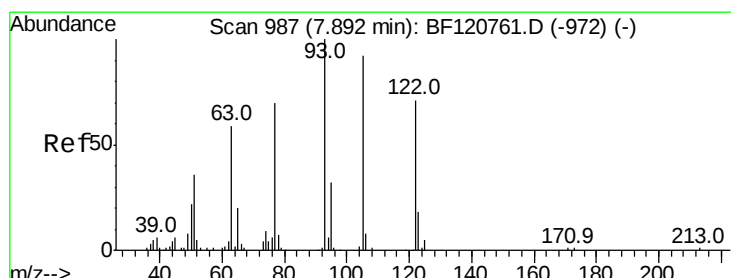
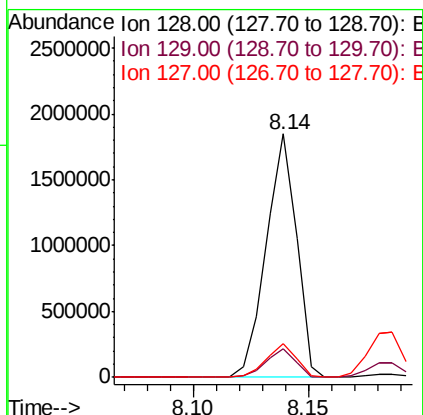
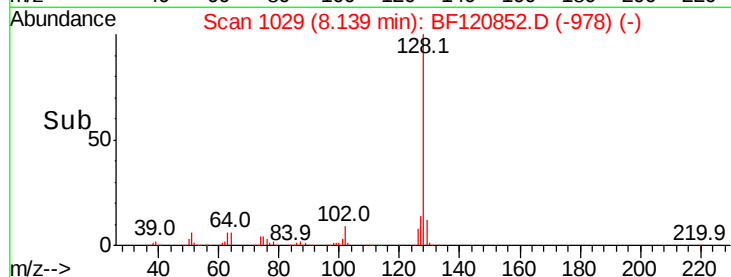
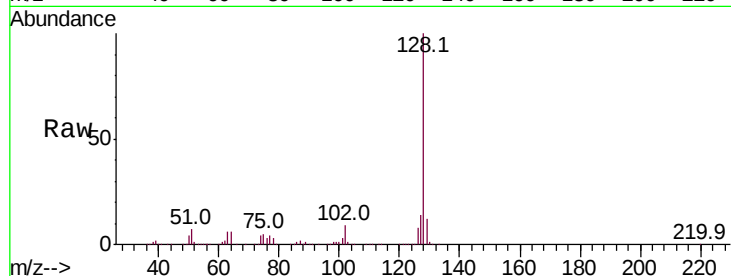




#31
Naphthalene
Concen: 43.434 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

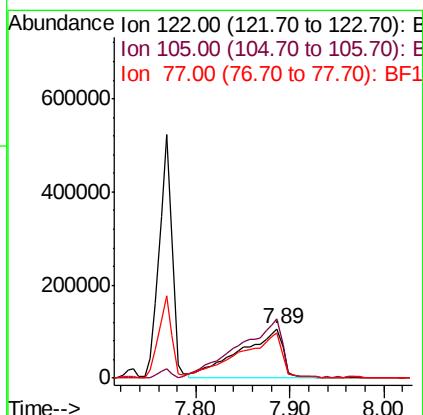
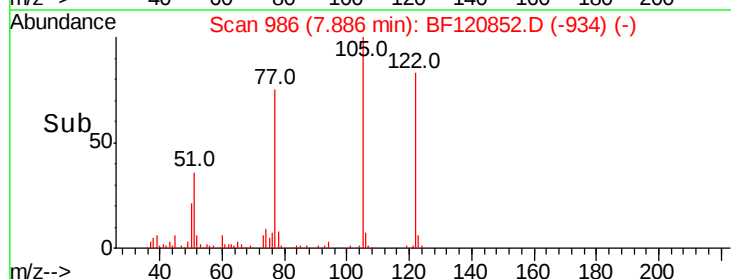
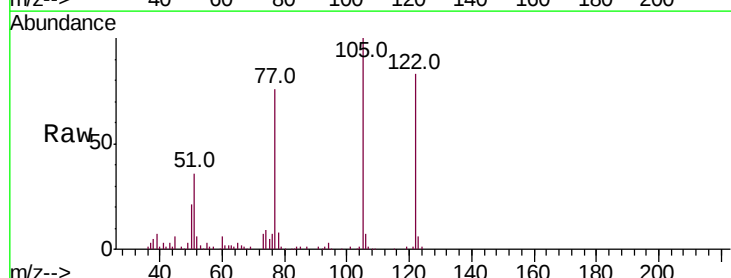
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

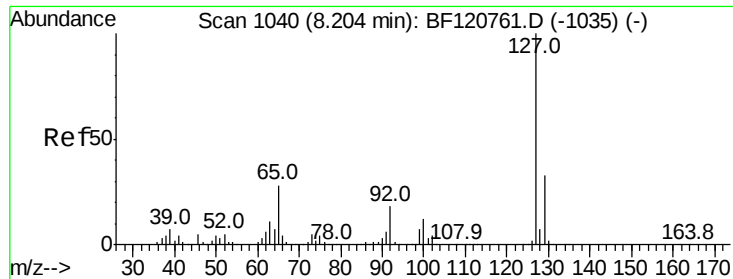
Tot Ion:128 Resp: 1684770
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 43.746 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:122 Resp: 330472
Ion Ratio Lower Upper
122 100
105 119.9 105.8 145.8
77 91.2 77.3 117.3

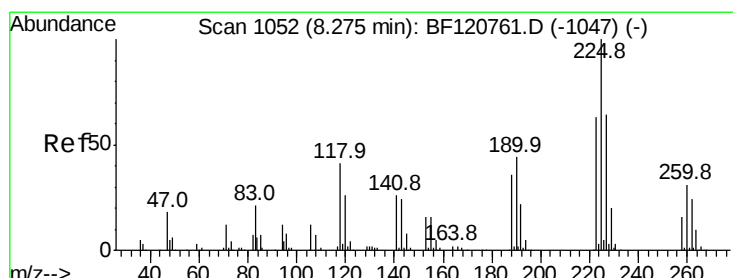
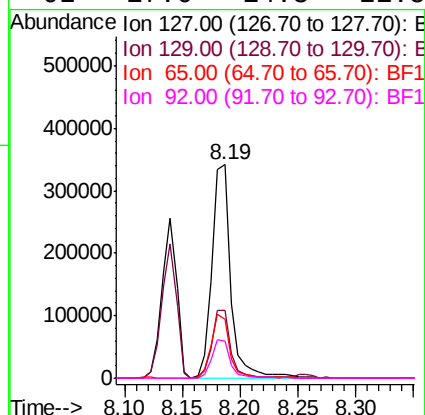
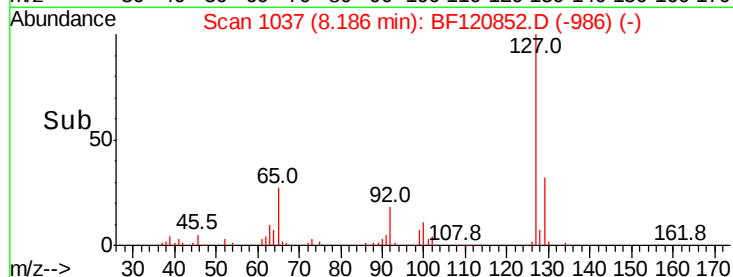
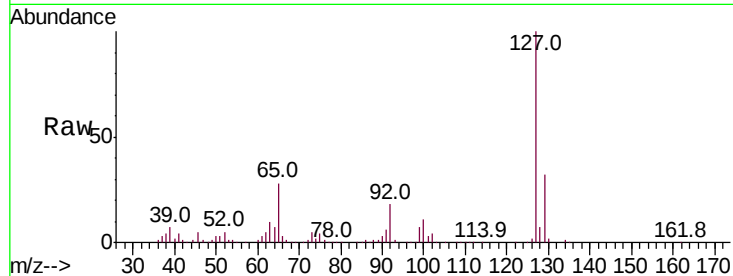




#33
4-Chloroaniline
Concen: 23.587 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

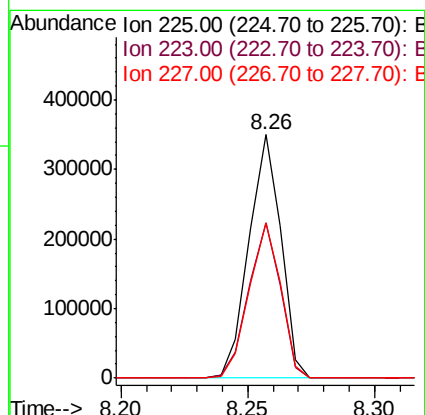
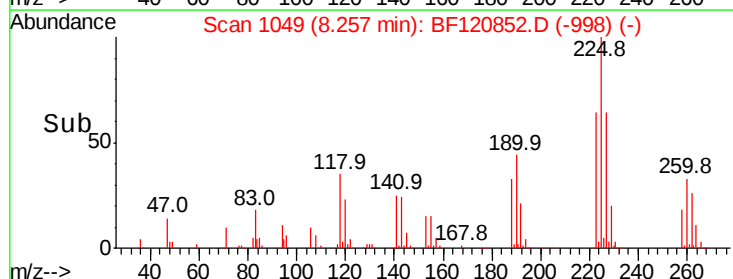
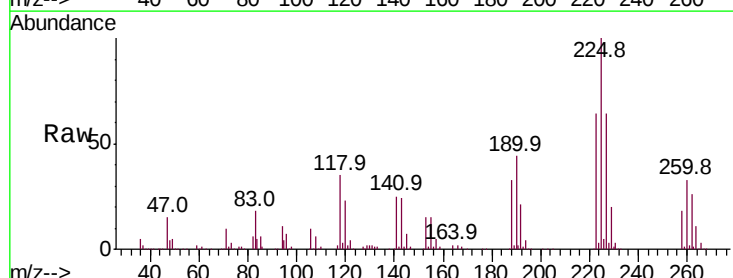
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

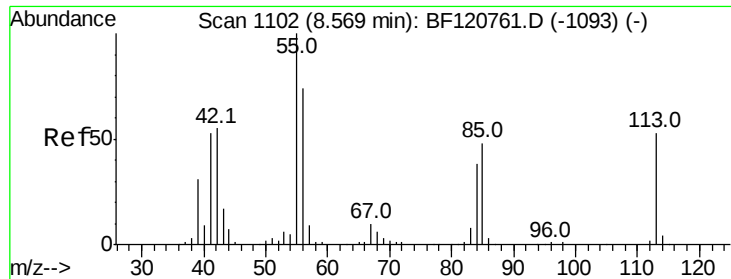
Tot Ion:	127	Resp:	388250
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	27.7	22.7	34.1
92	17.6	14.3	21.5



#34
Hexachlorobutadiene
Concen: 42.432 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:	225	Resp:	308607
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.0	51.4	77.2

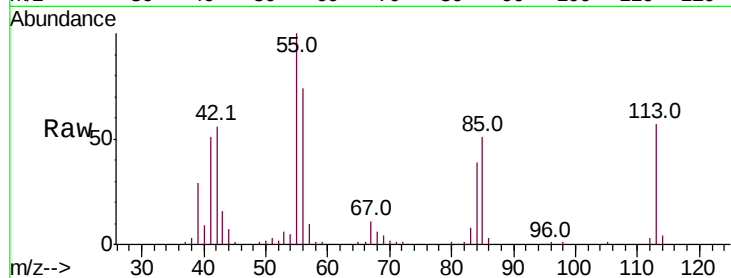




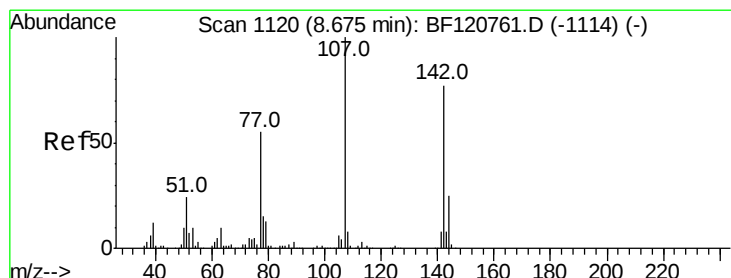
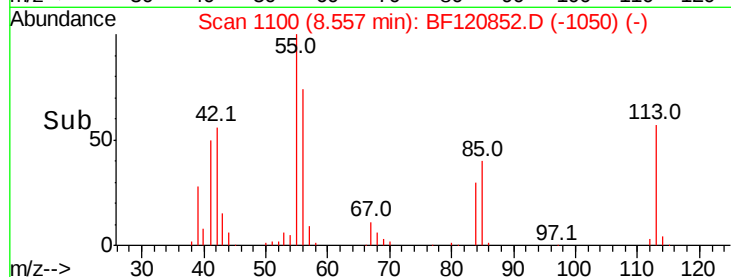
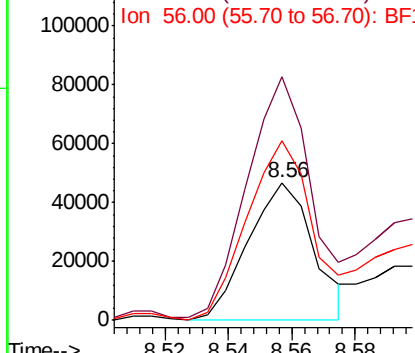
#35
Caprolactam
Concen: 21.336 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:113 Resp: 66936
Ion Ratio Lower Upper
113 100
55 176.7 168.3 208.3
56 130.1 118.8 158.8

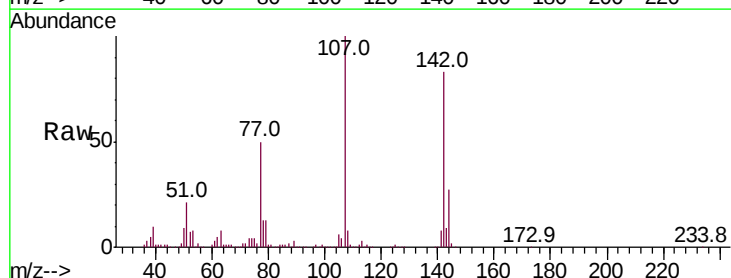


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

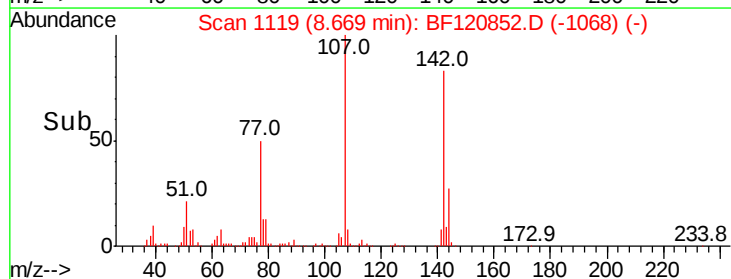
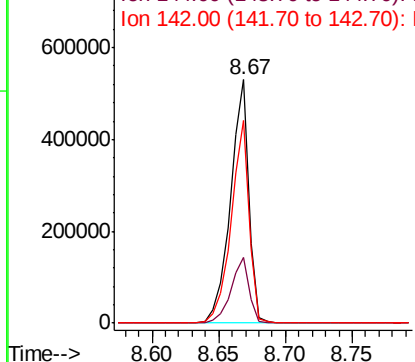


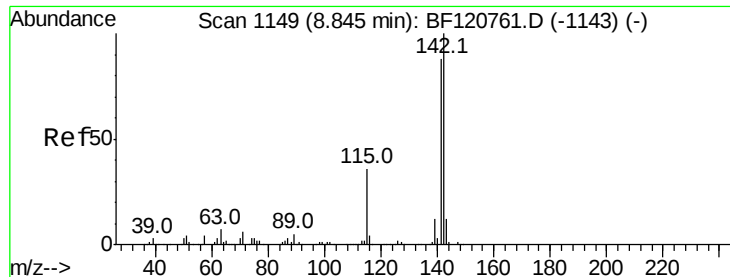
#36
4-Chloro-3-methylphenol
Concen: 45.994 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:107 Resp: 515115
Ion Ratio Lower Upper
107 100
144 27.2 19.7 29.5
142 83.3 61.2 91.8



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

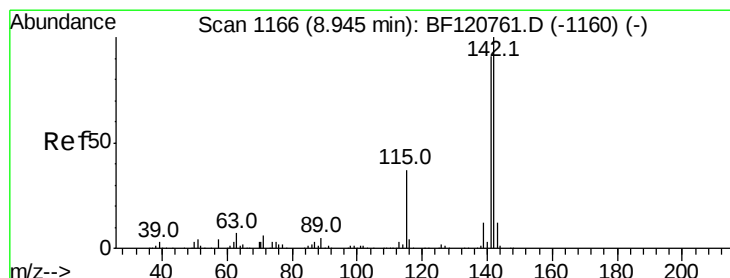
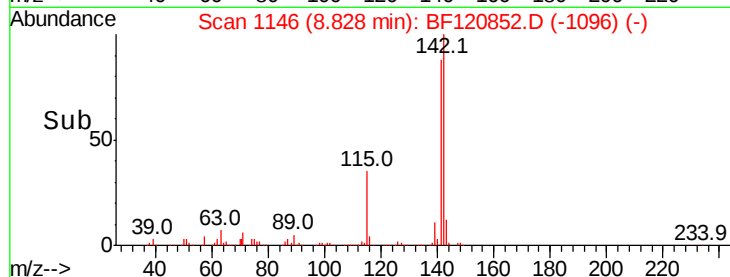
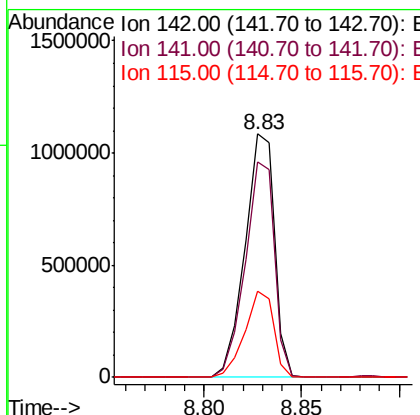
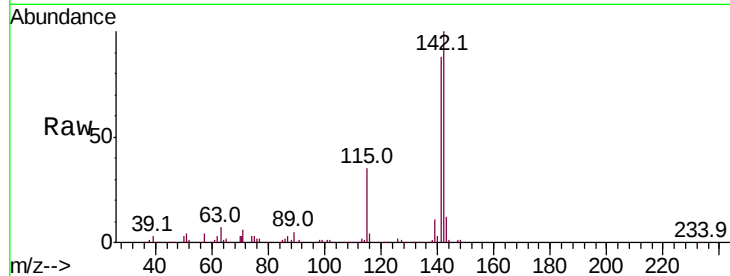




#37
2-Methylnaphthalene
Concen: 45.049 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

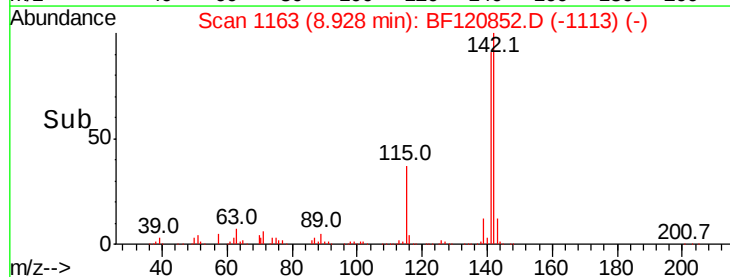
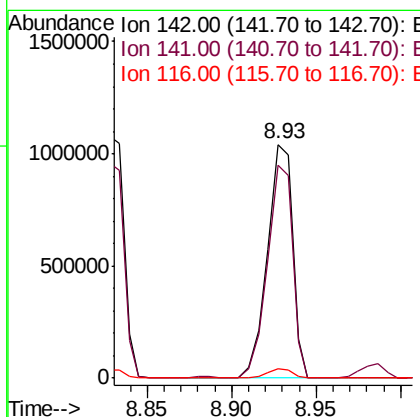
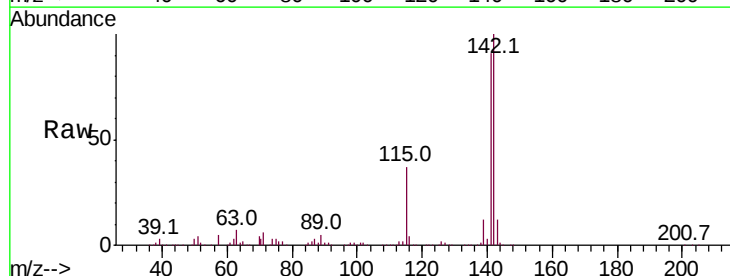
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

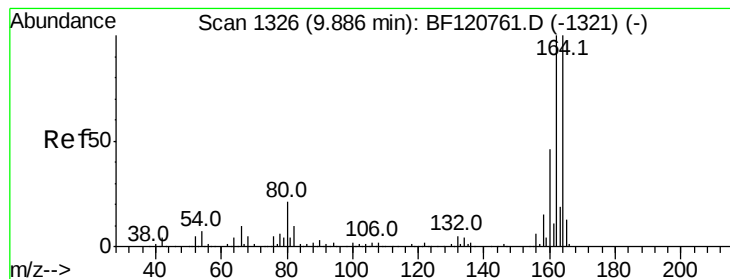
Tot Ion:142 Resp: 1135947
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 35.3 29.0 43.4



#38
1-Methylnaphthalene
Concen: 45.654 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:142 Resp: 1078332
Ion Ratio Lower Upper
142 100
141 91.1 72.5 108.7
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

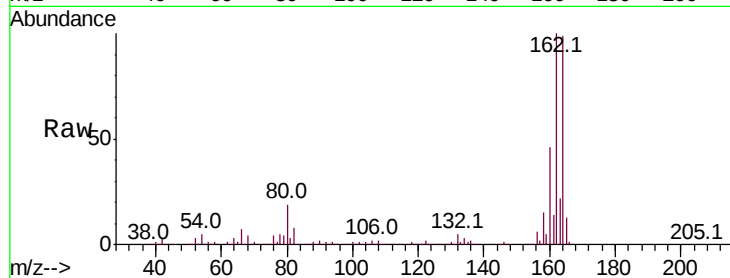
Tot Ion:164 Resp: 369636

Ion Ratio Lower Upper

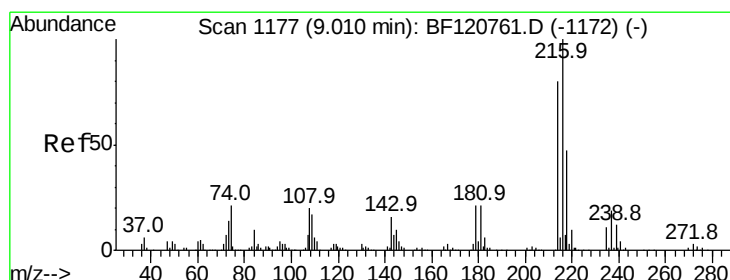
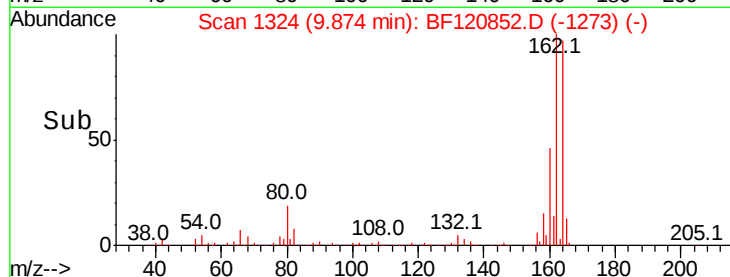
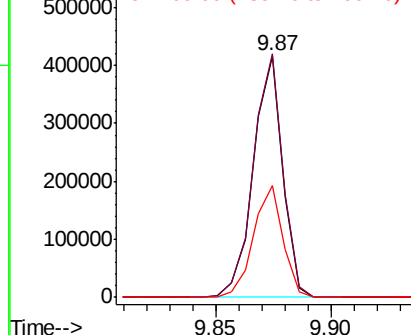
164 100

162 100.9 80.2 120.2

160 46.6 36.9 55.3



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: 42.892 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Tgt Ion:216 Resp: 479165

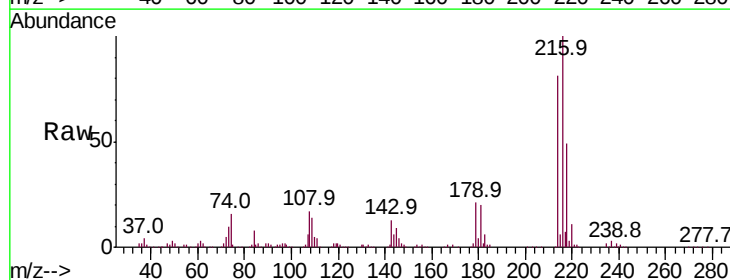
Ion Ratio Lower Upper

216 100

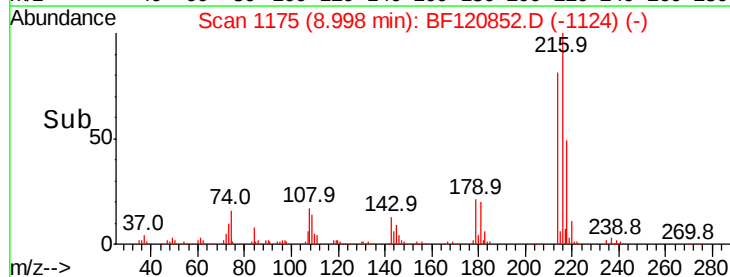
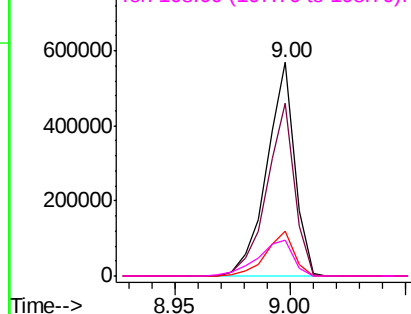
214 80.1 63.7 95.5

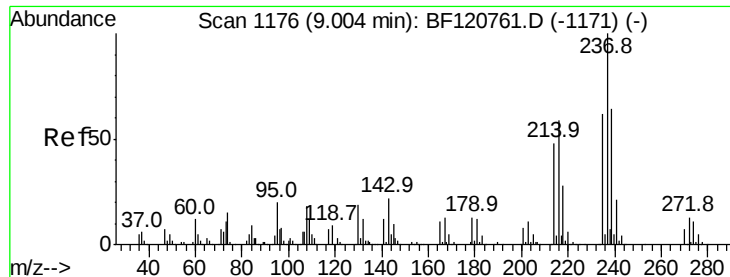
179 20.9 16.7 25.1

108 21.7 17.0 25.4



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

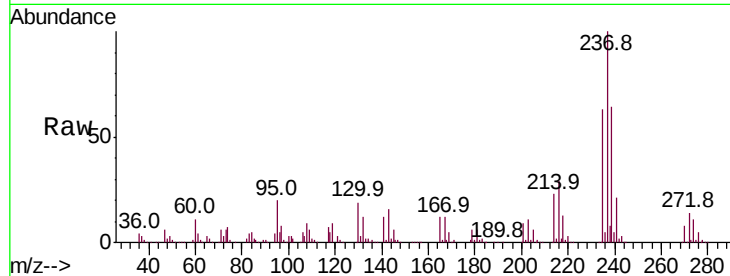




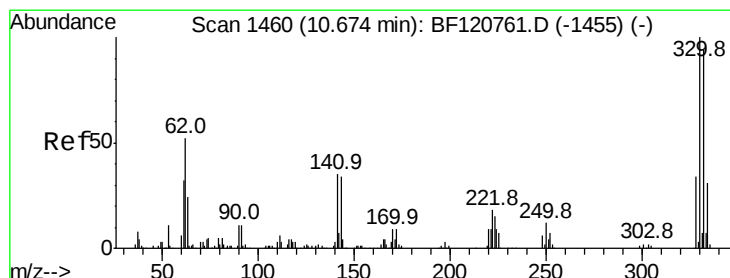
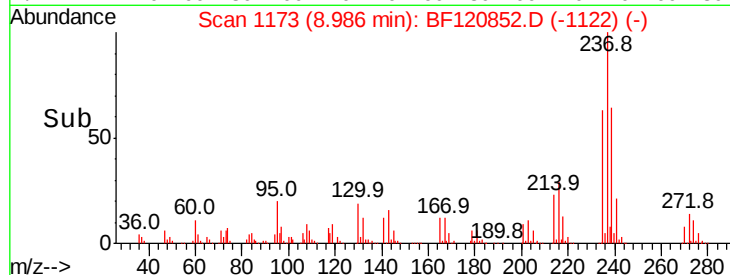
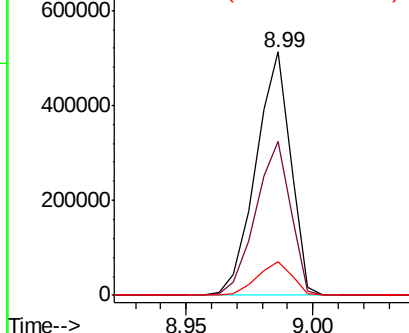
#41
Hexachlorocyclopentadiene
Concen: 74.462 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:237 Resp: 491483
Ion Ratio Lower Upper
237 100
235 63.1 42.1 82.1
272 13.7 0.0 33.4

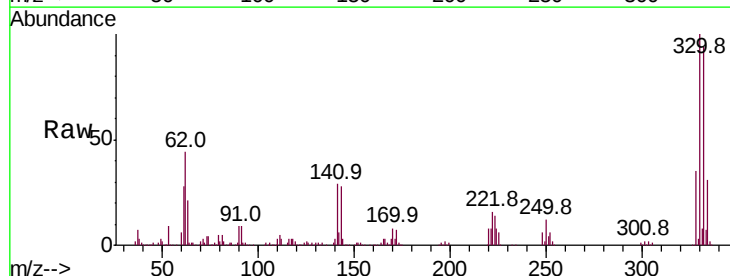


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

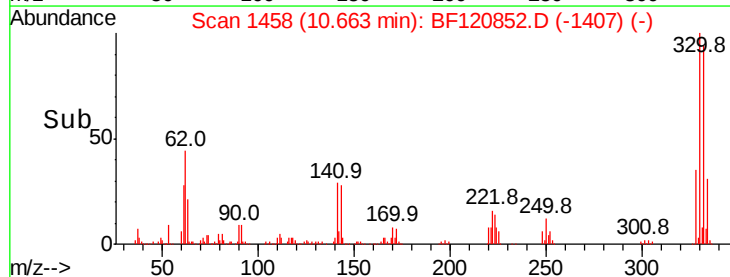
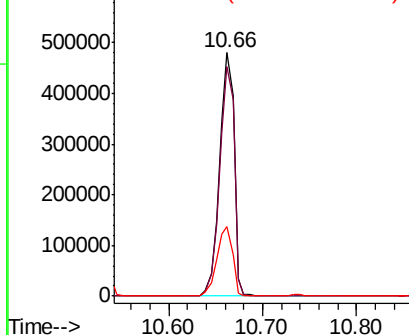


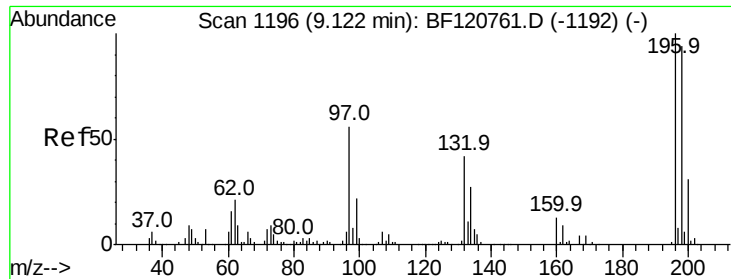
#42
2,4,6-Tribromophenol
Concen: 140.039 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:330 Resp: 520040
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 31.2 29.7 44.5



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

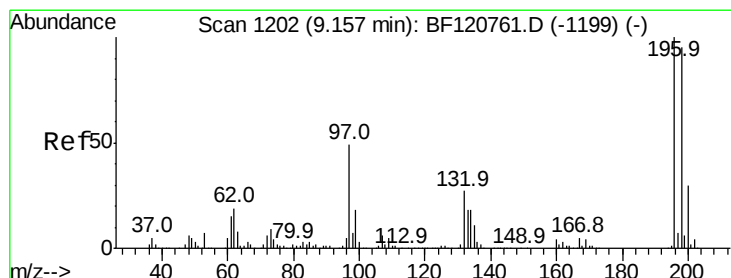
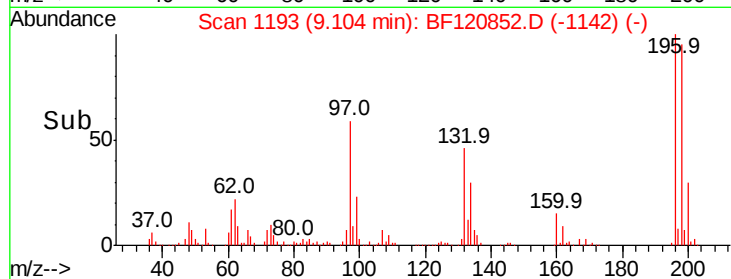
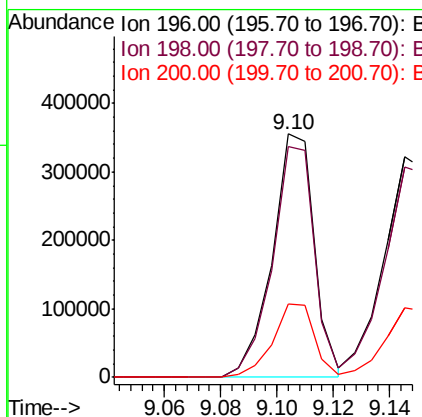
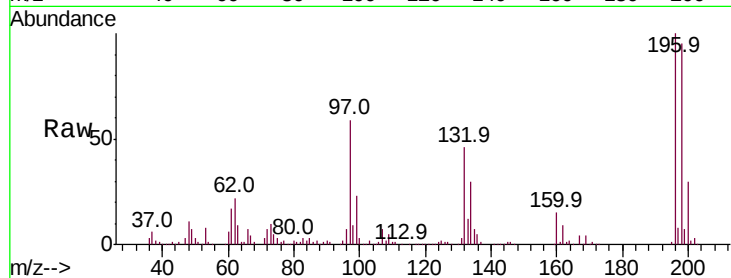




#43
 2,4,6-Trichlorophenol
 Concen: 48.184 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

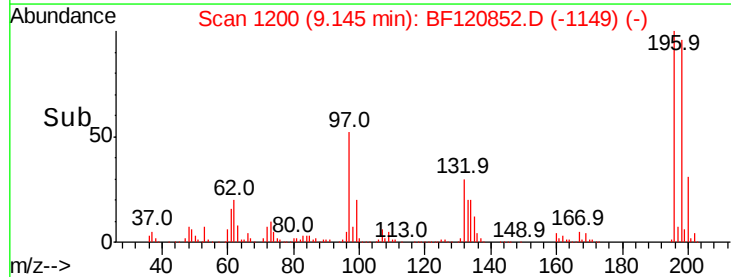
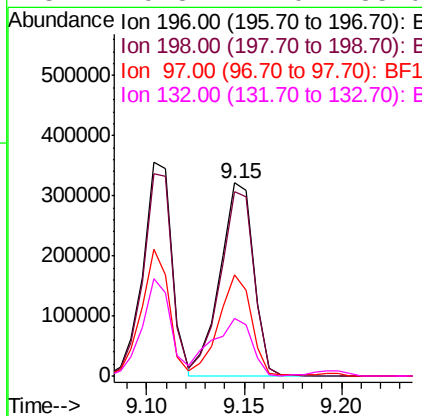
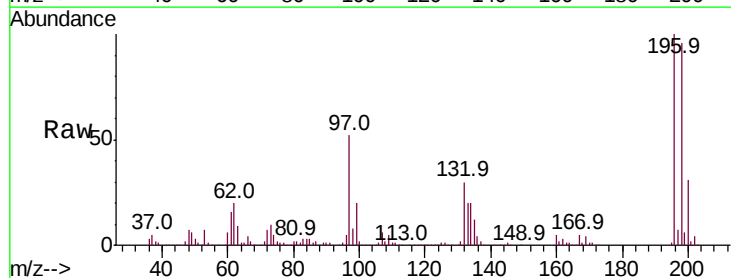
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

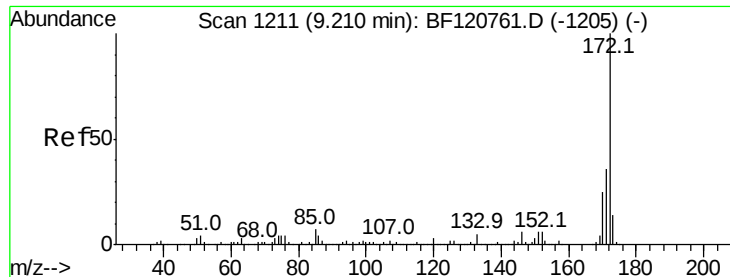
Tot Ion:	196	Resp:	366793
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.3	112.9
200	29.9	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.600 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:	196	Resp:	385229
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.2
97	52.1	39.6	59.4
132	29.8	22.0	33.0

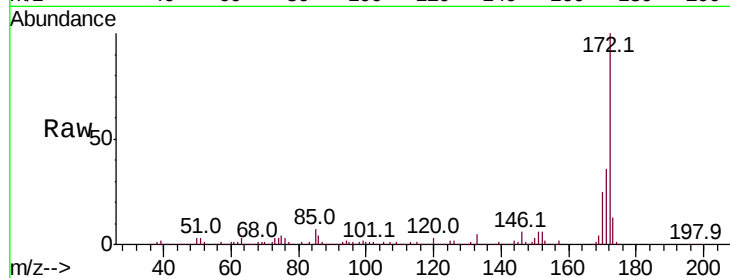




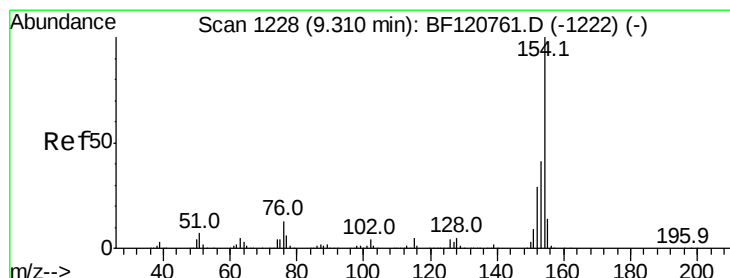
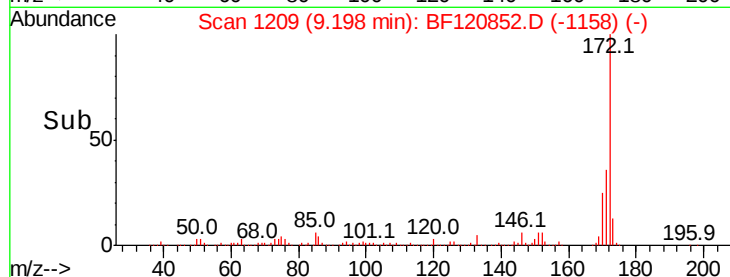
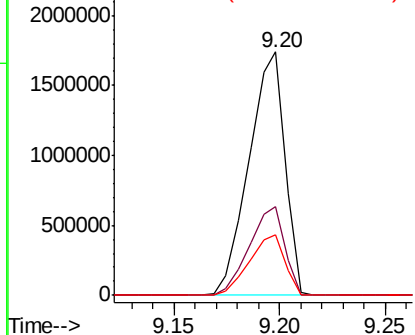
#45
2-Fluorobiphenyl
Concen: 84.232 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:172 Resp: 2057916
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.7 19.8 29.6

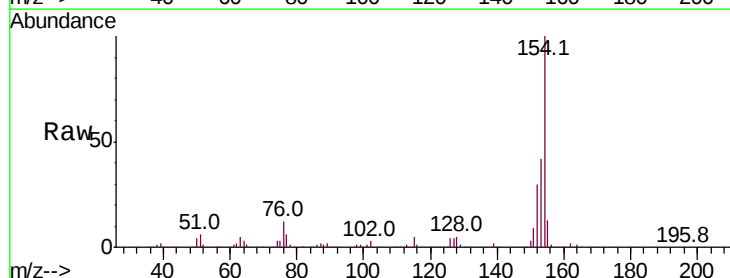


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

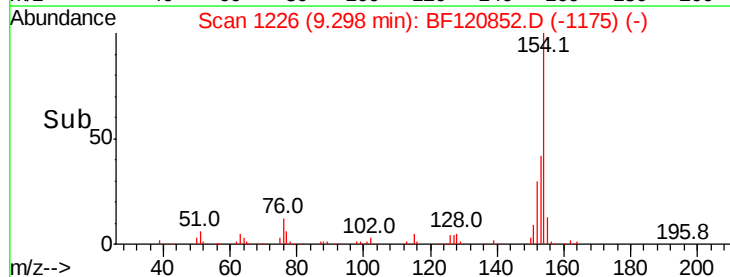
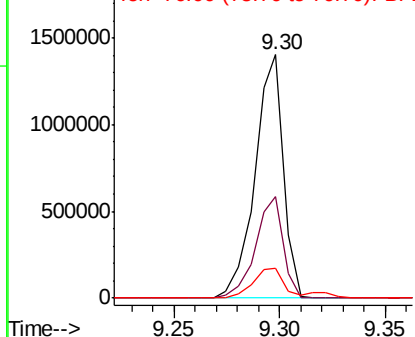


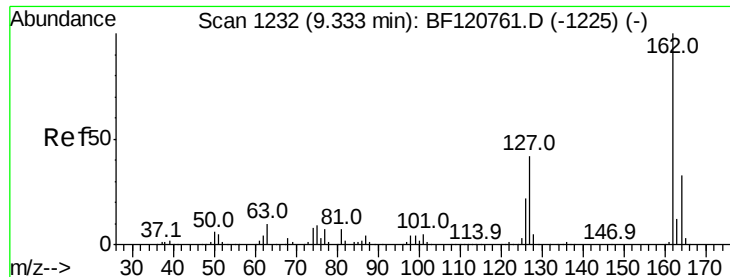
#46
1,1'-Biphenyl
Concen: 43.877 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:154 Resp: 1308241
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 12.2 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

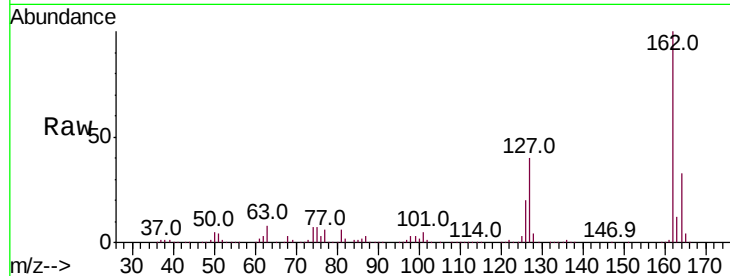




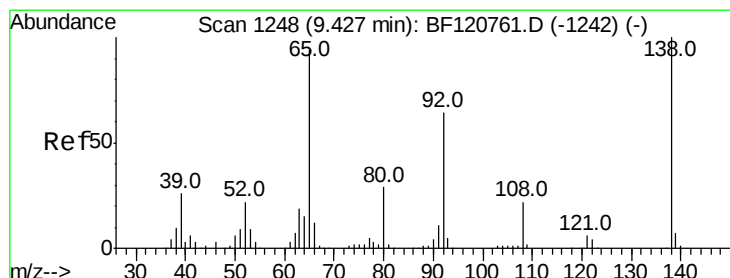
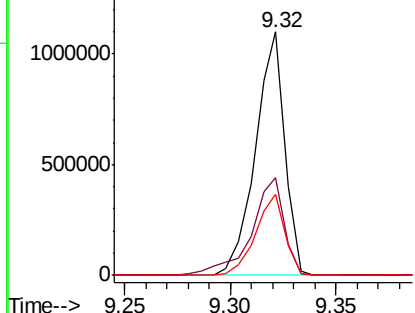
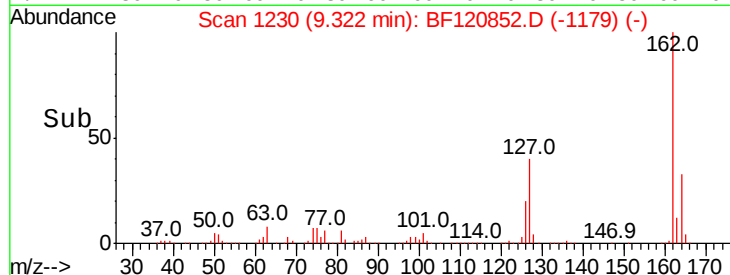
#47
 2-Chloronaphthalene
 Concen: 44.289 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion:162 Resp: 1057898
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.7 50.5
 164 33.2 26.4 39.6

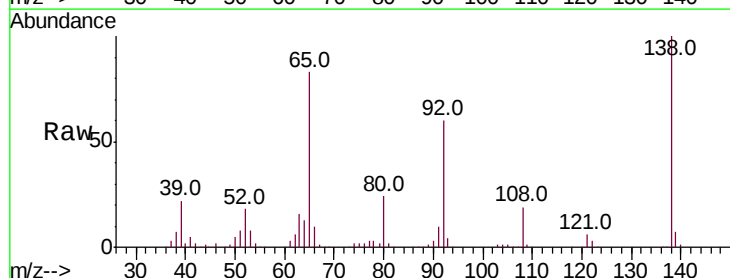


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

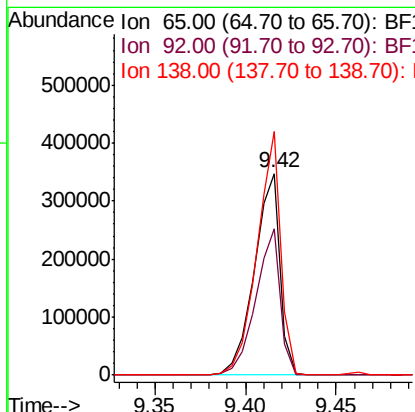
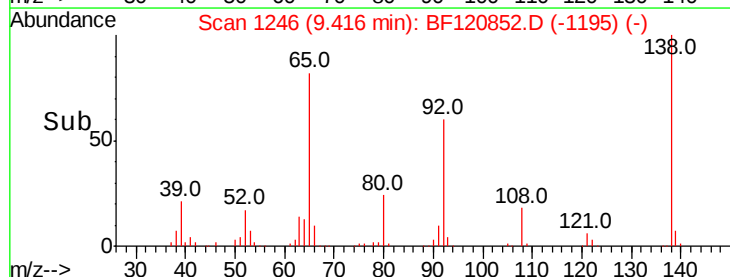


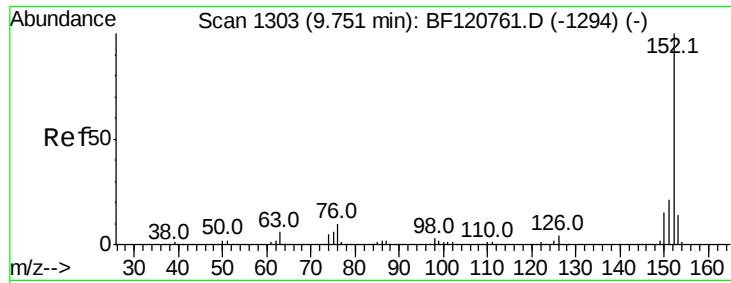
#48
 2-Nitroaniline
 Concen: 47.482 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion: 65 Resp: 339392
 Ion Ratio Lower Upper
 65 100
 92 72.4 54.4 81.6
 138 120.6 84.7 127.1



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





#49

Acenaphthylene

Concen: 44.024 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

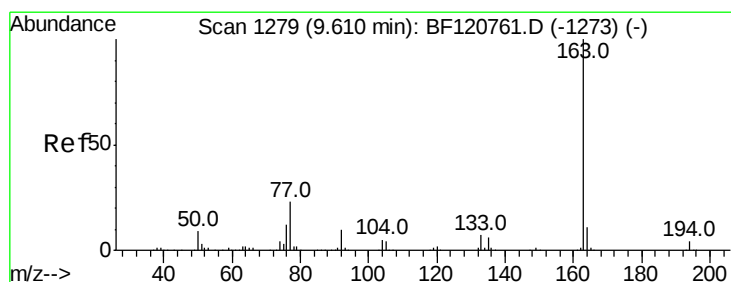
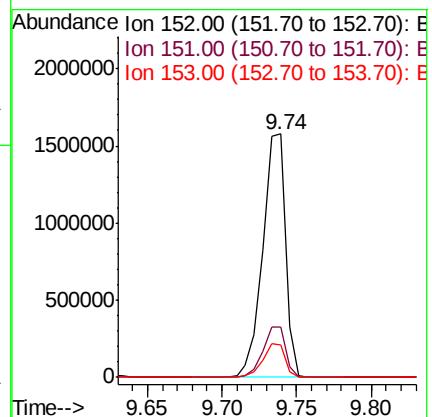
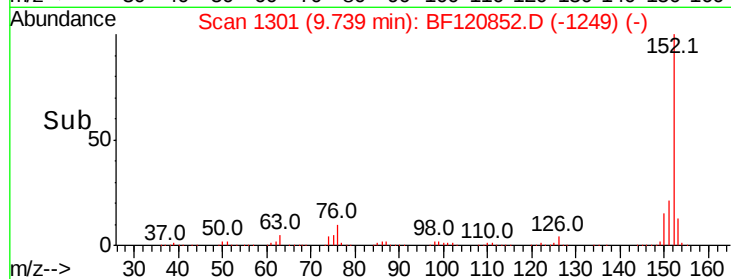
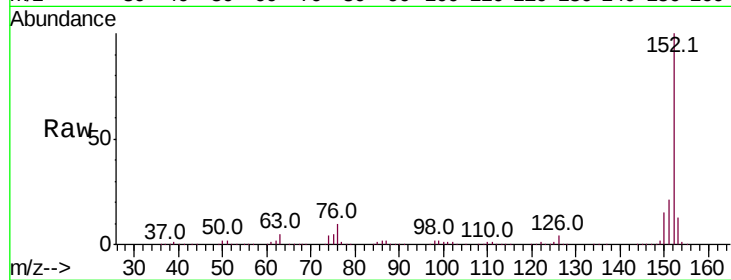
Tot Ion:152 Resp: 1648650

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 54.025 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

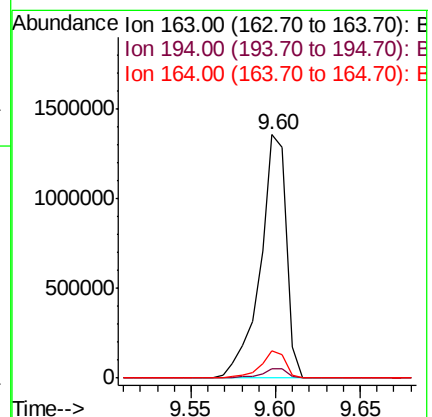
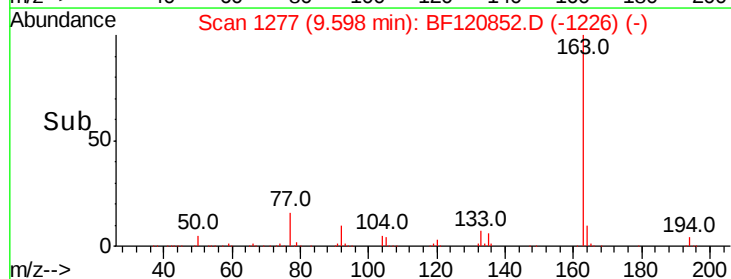
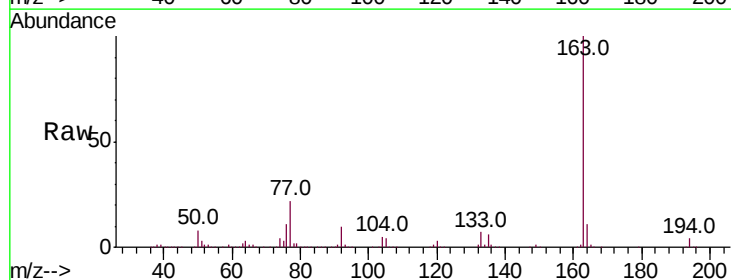
Tgt Ion:163 Resp: 1456732

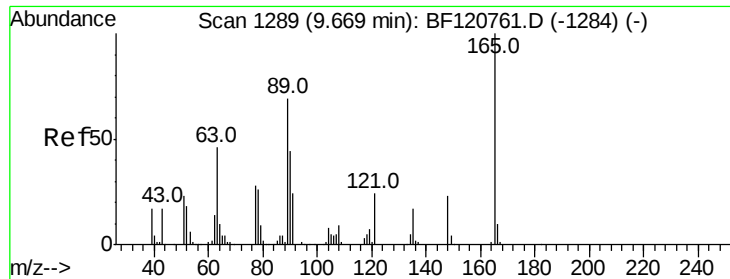
Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

164 11.1 8.5 12.7

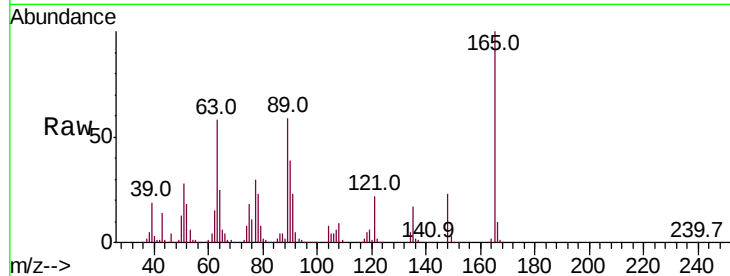




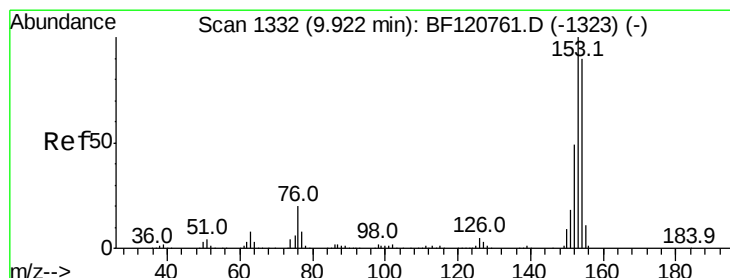
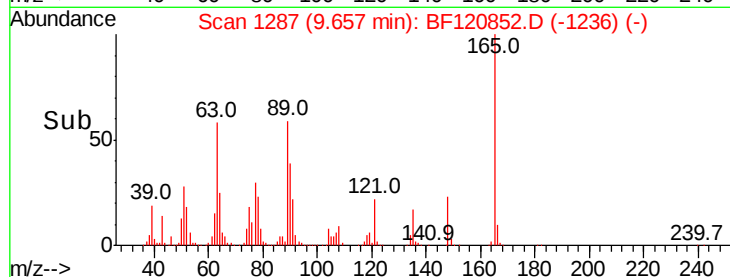
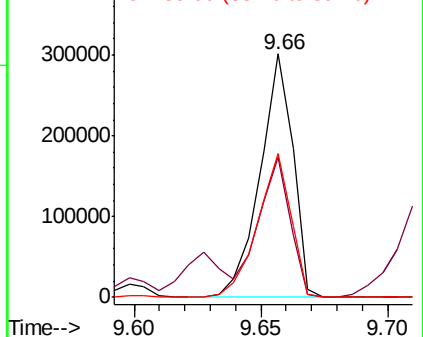
#51
2,6-Dinitrotoluene
Concen: 51.043 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:165 Resp: 274346
Ion Ratio Lower Upper
165 100
63 57.6 54.0 81.0
89 59.3 55.4 83.2

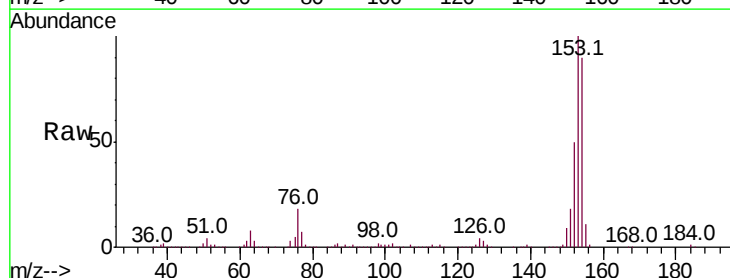


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

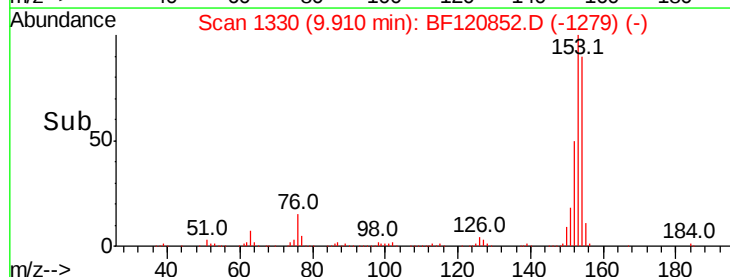
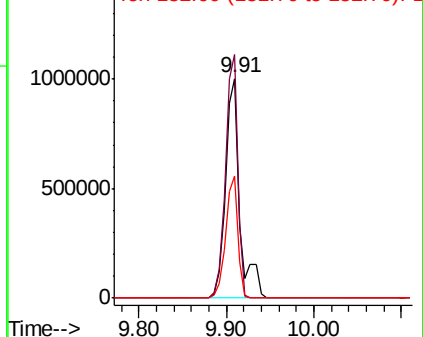


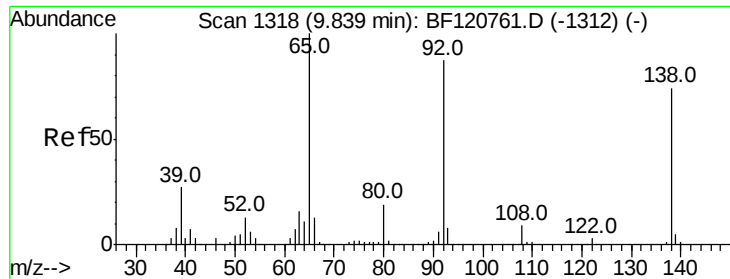
#52
Acenaphthene
Concen: 48.604 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:154 Resp: 1129192
Ion Ratio Lower Upper
154 100
153 110.7 88.6 132.8
152 55.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

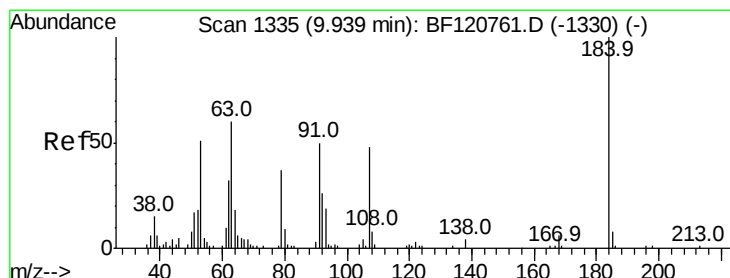
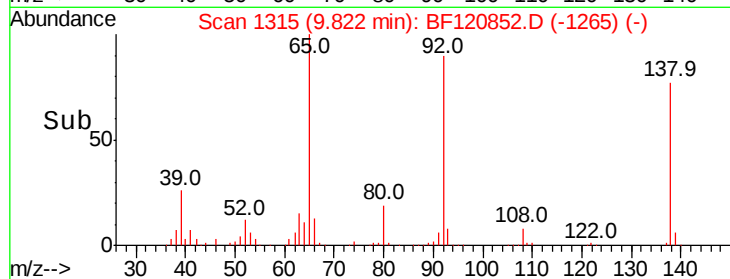
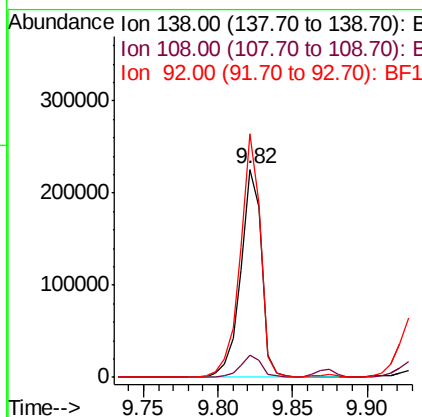
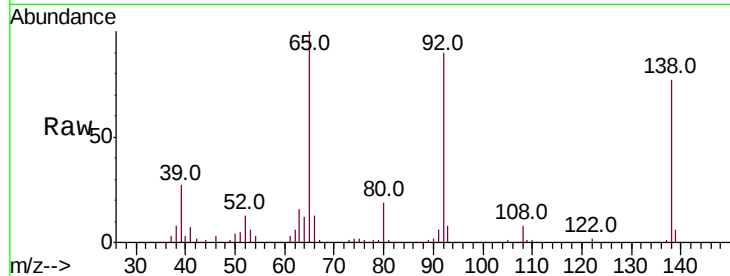




#53
3-Nitroaniline
Concen: 34.127 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

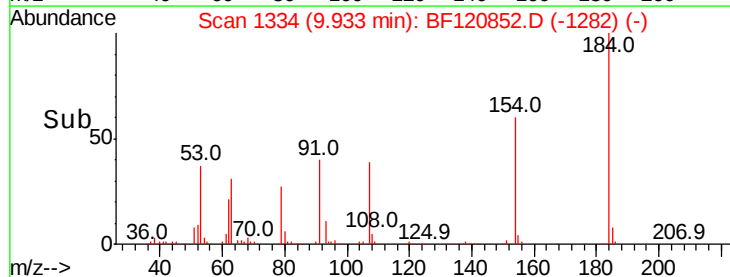
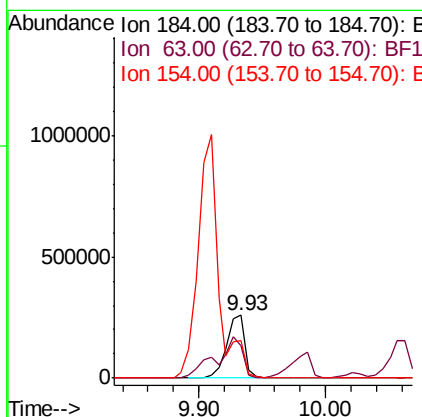
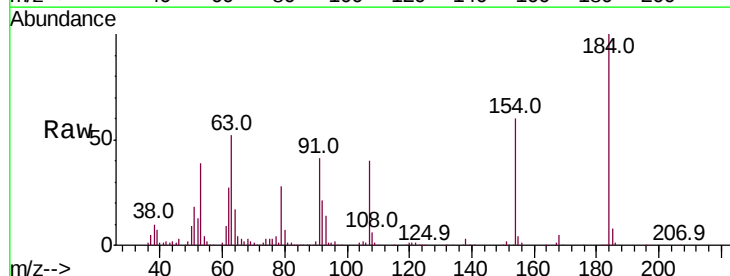
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

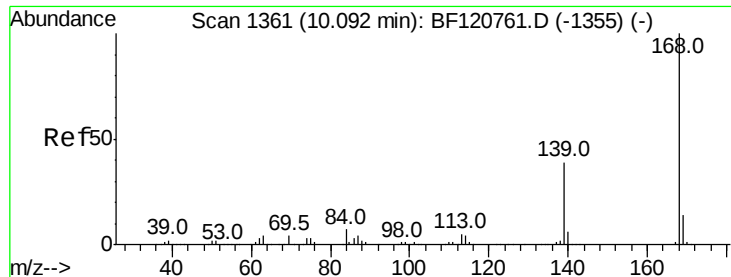
Tot Ion:138 Resp: 219999
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 117.0 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 116.193 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:184 Resp: 255289
Ion Ratio Lower Upper
184 100
63 52.1 57.3 85.9#
154 59.9 55.8 83.6





#55

Dibenzofuran

Concen: 44.392 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

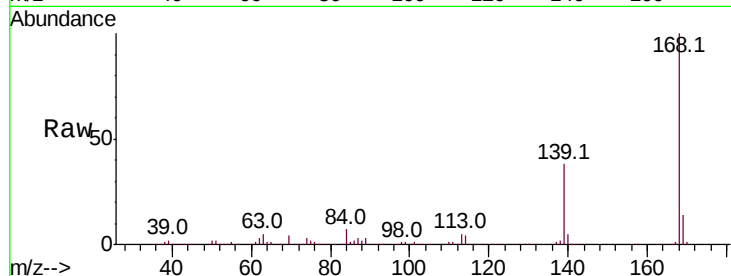
Tot Ion:168 Resp: 1486627

Ion Ratio Lower Upper

168 100

139 37.8 31.3 46.9

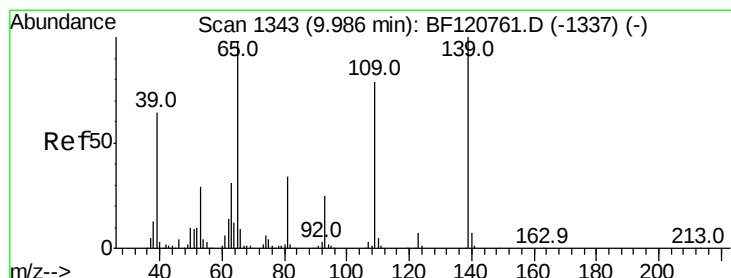
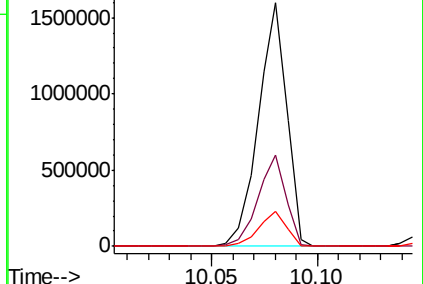
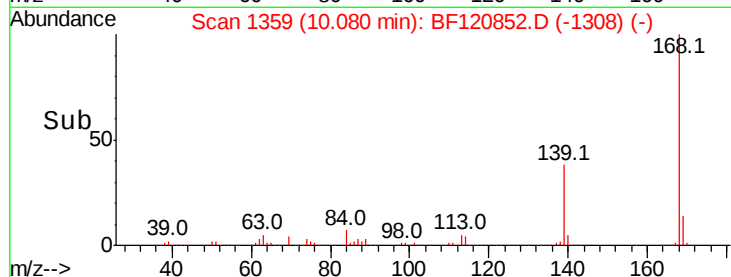
169 14.1 11.2 16.8



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: 83.622 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

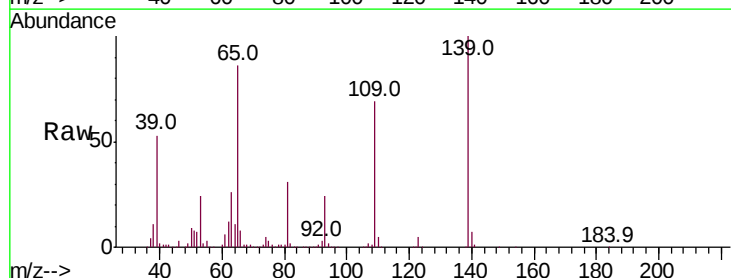
Tgt Ion:139 Resp: 413993

Ion Ratio Lower Upper

139 100

109 69.2 58.6 98.6

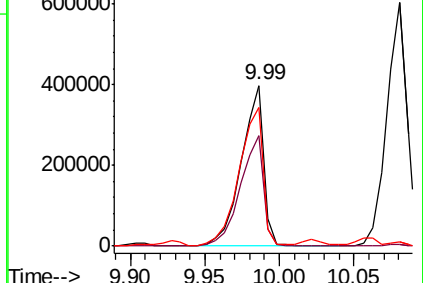
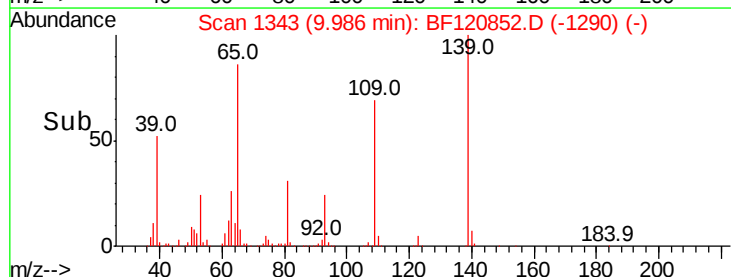
65 86.1 78.7 118.7

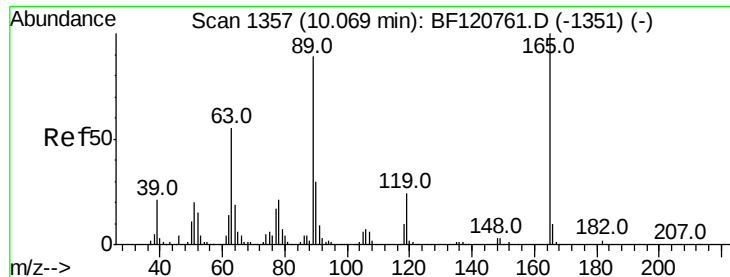


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

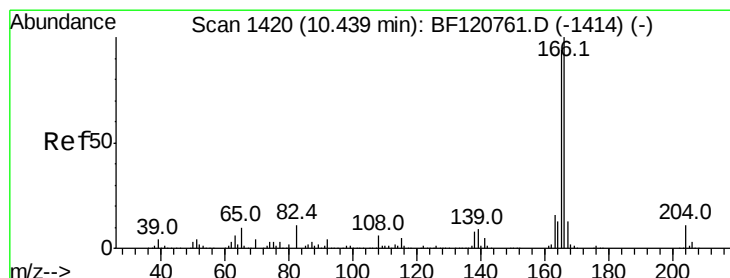
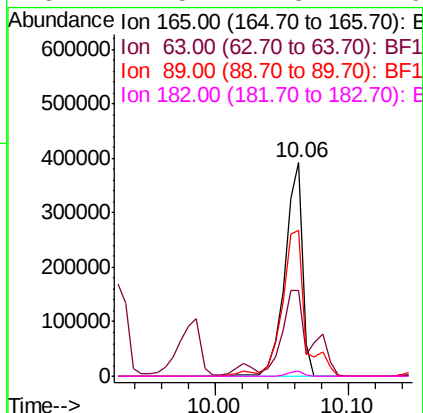
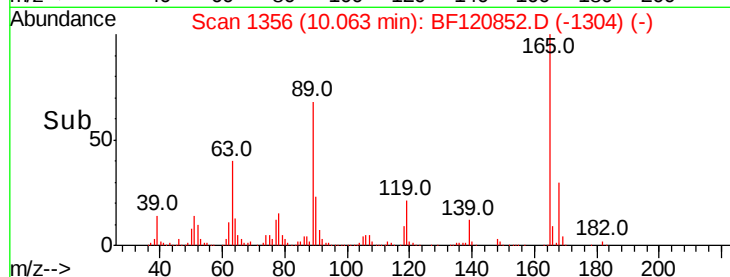
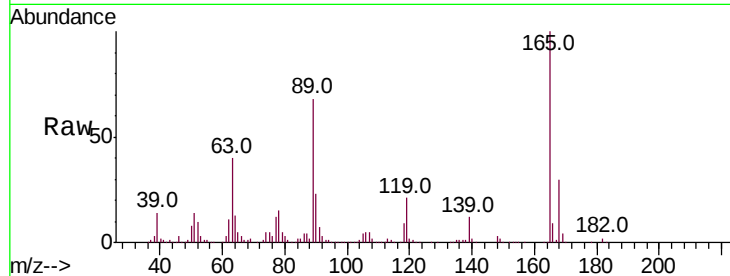




#57
 2,4-Dinitrotoluene
 Concen: 53.928 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

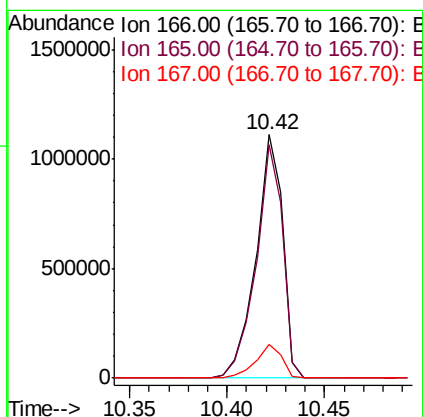
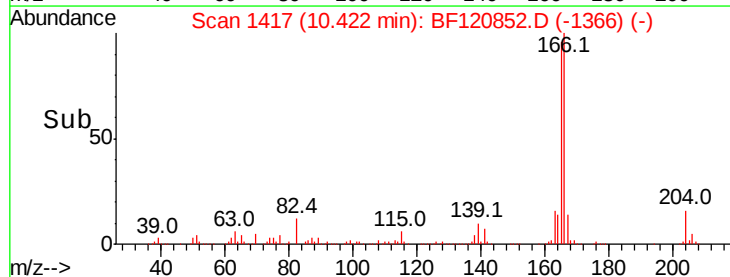
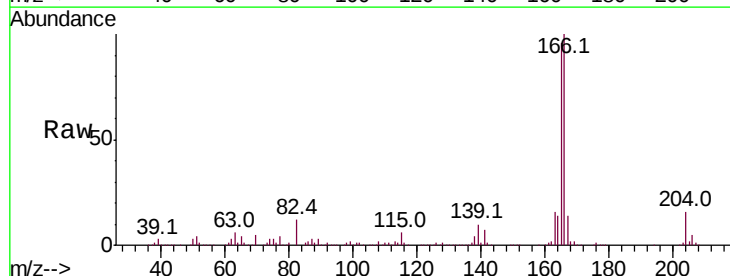
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

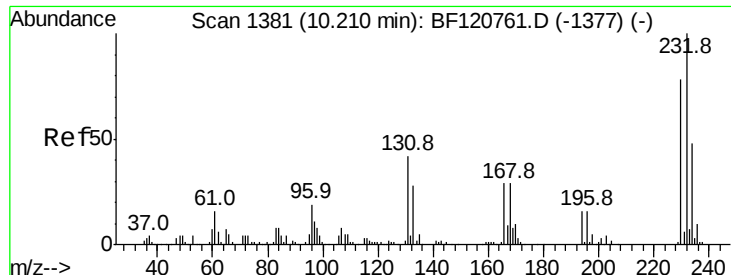
Tot Ion:165 Resp: 362685
 Ion Ratio Lower Upper
 165 100
 63 40.0 43.8 65.8#
 89 68.4 71.4 107.2#
 182 2.5 1.8 2.6



#58
 Fluorene
 Concen: 42.278 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:166 Resp: 1053843
 Ion Ratio Lower Upper
 166 100
 165 95.8 75.5 113.3
 167 14.0 10.6 16.0

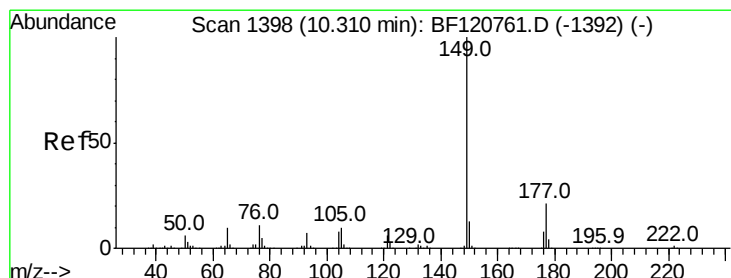
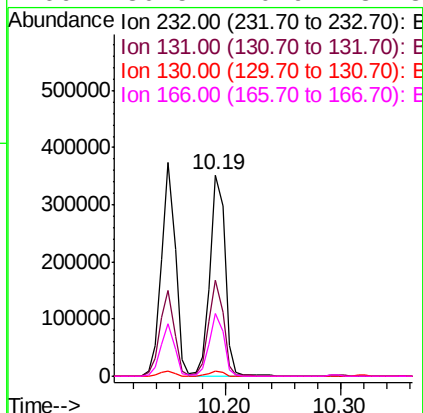
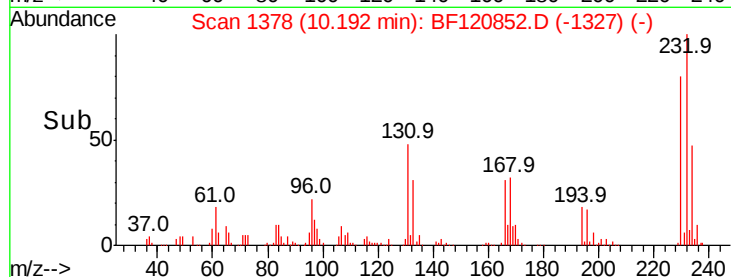
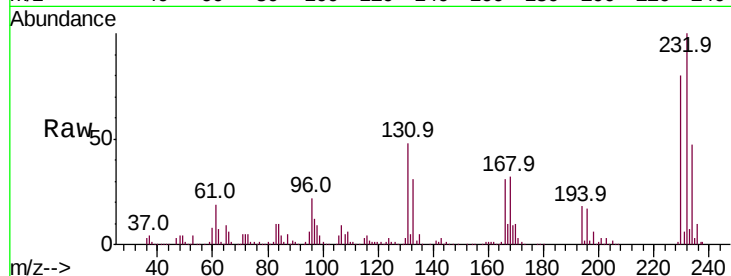




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.478 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

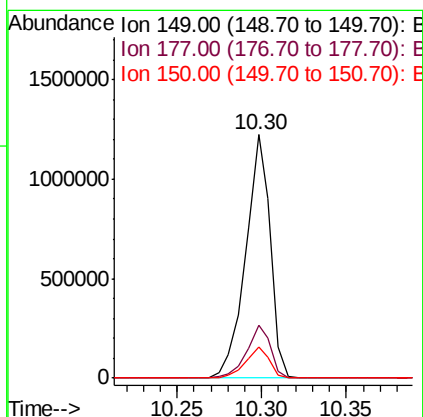
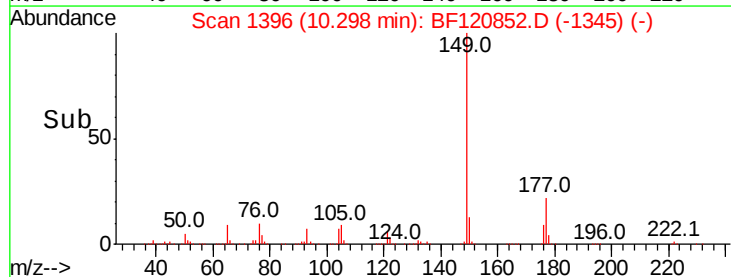
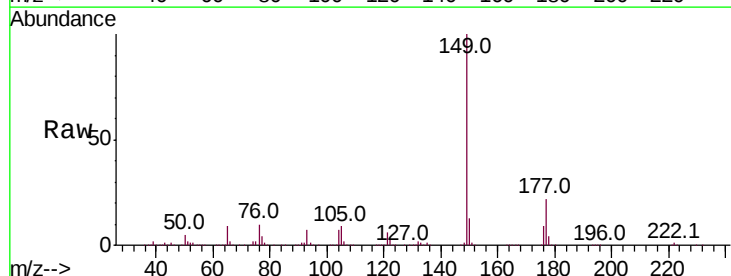
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

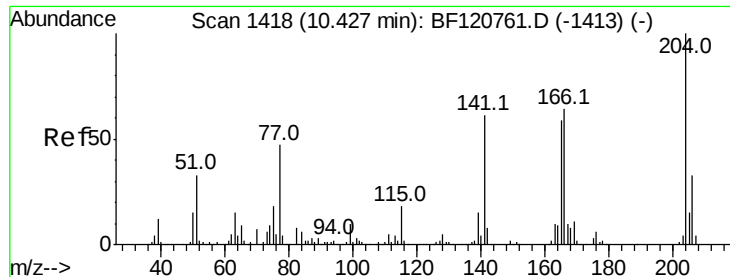
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	36.3	54.5
130	2.5	2.0	3.0
166	30.5	20.9	31.3



#60
 Diethylphthalate
 Concen: 44.162 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.4	24.6
150	12.8	10.2	15.4

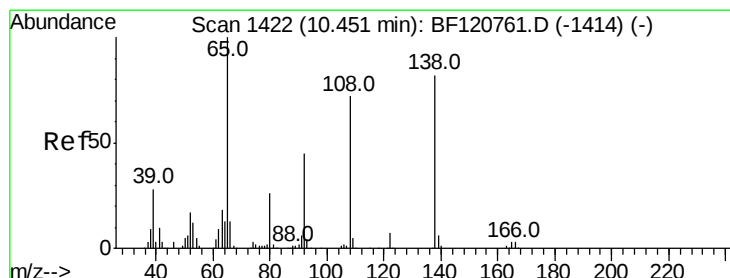
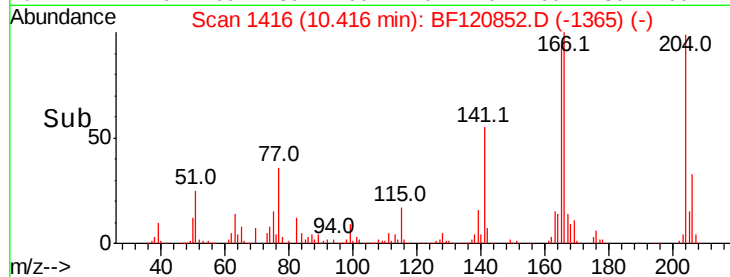
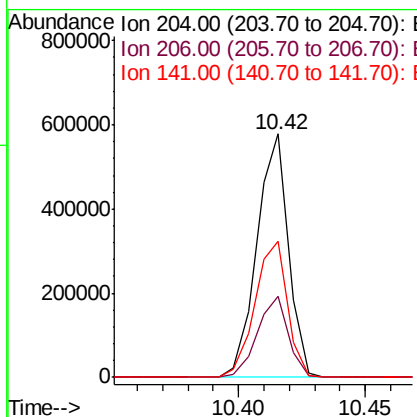
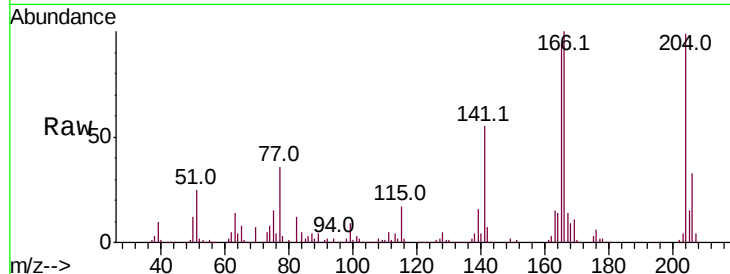




#61
 4-Chlorophenyl-phenylether
 Concen: 39.854 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

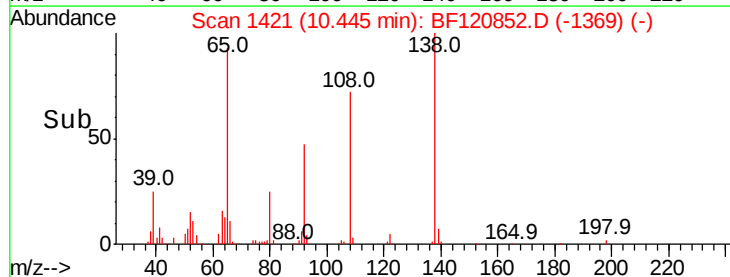
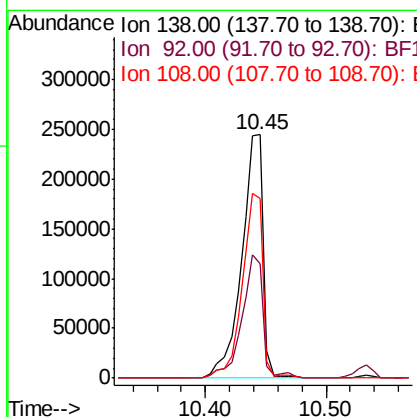
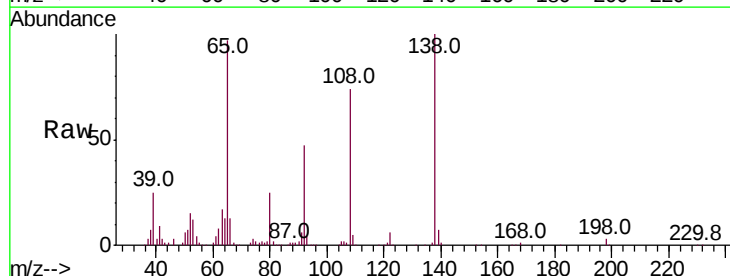
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

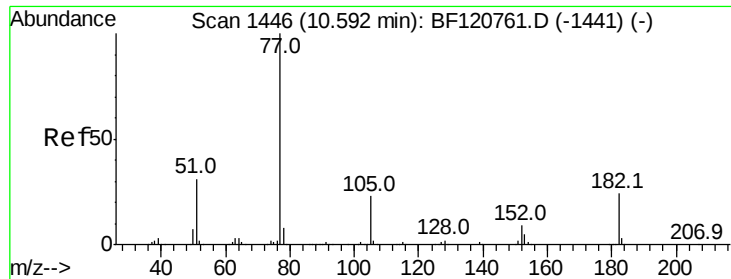
Tot Ion:	204	Resp:	499409
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	55.9	48.5	72.7



#62
 4-Nitroaniline
 Concen: 52.793 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:	138	Resp:	302457
Ion	Ratio	Lower	Upper
138	100		
92	47.2	34.3	74.3
108	73.6	68.3	108.3

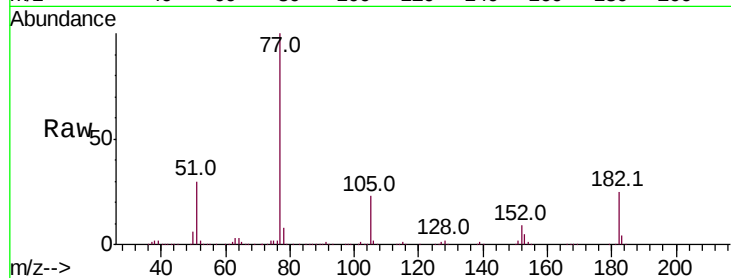




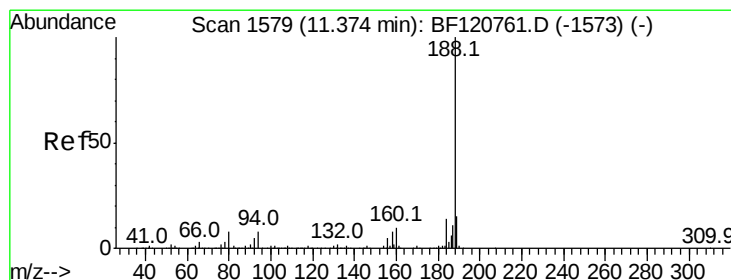
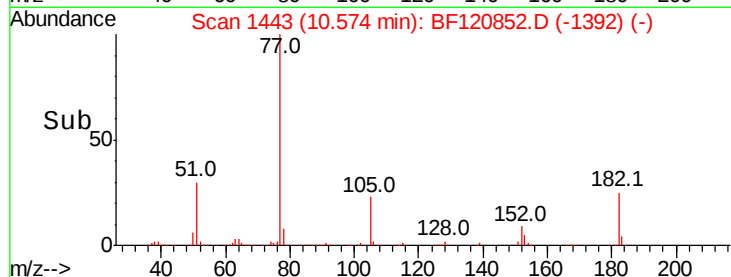
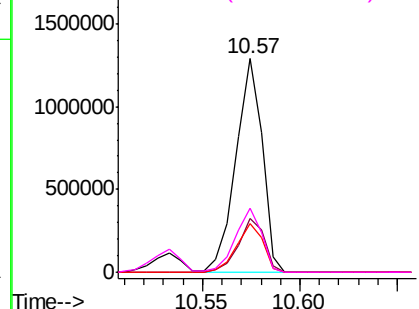
#63
Azobenzene
Concen: 42.103 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion: 77 Resp: 1209764
Ion Ratio Lower Upper
77 100
182 25.2 4.0 44.0
105 23.1 2.6 42.6
51 29.9 11.5 51.5

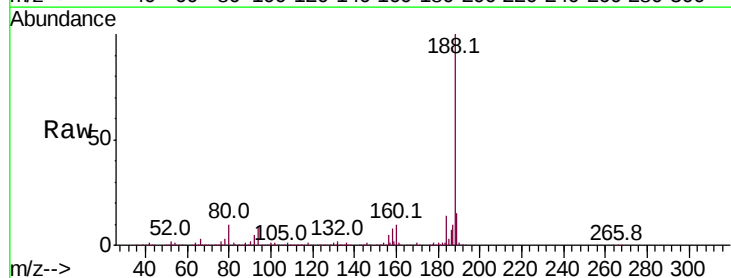


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

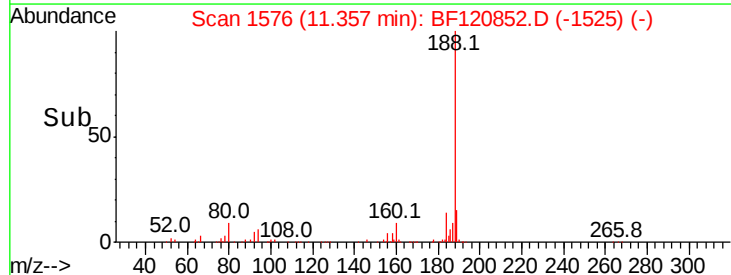
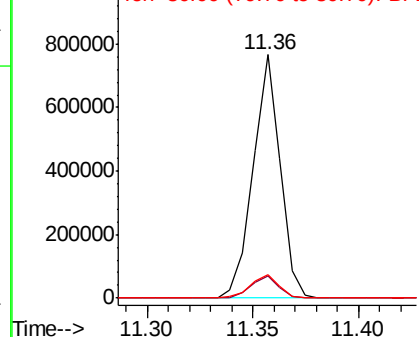


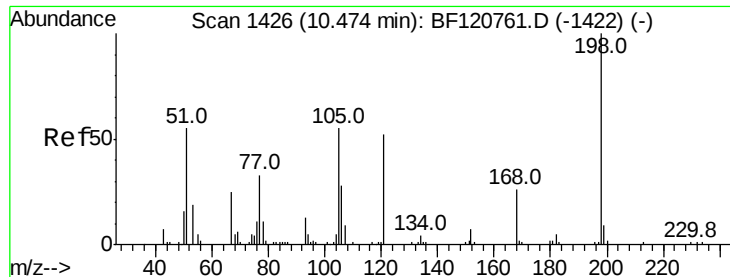
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion: 188 Resp: 684345
Ion Ratio Lower Upper
188 100
94 9.2 6.6 9.8
80 9.8 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E
1000000
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: 58.738 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

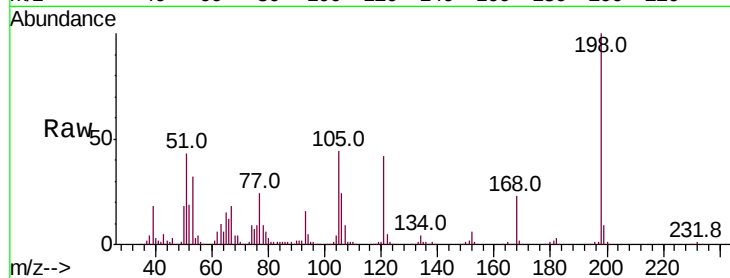
Tot Ion:198 Resp: 174320

Ion Ratio Lower Upper

198 100

51 43.3 50.0 90.0#

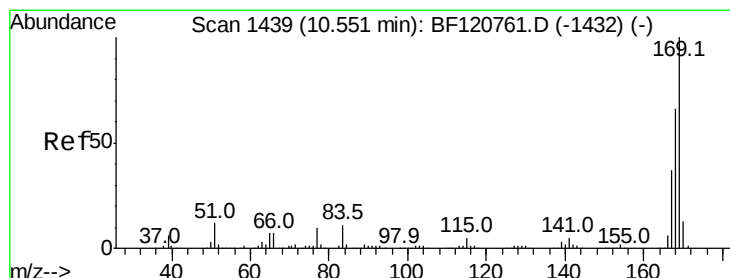
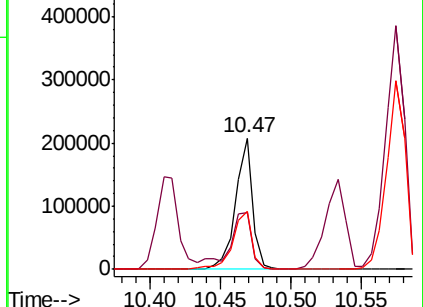
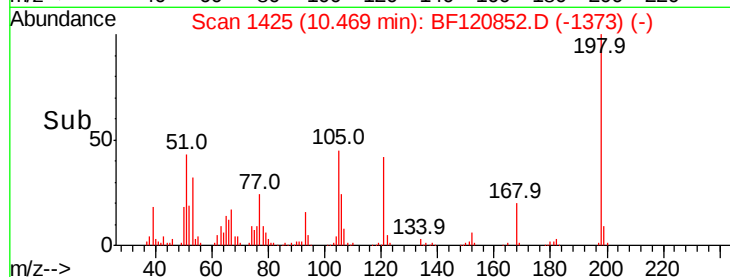
105 44.4 38.3 78.3



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: 44.878 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

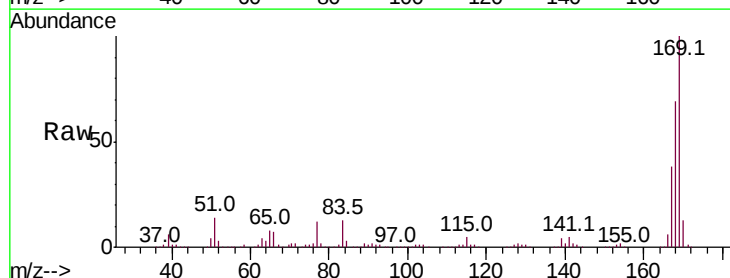
Tgt Ion:169 Resp: 1029391

Ion Ratio Lower Upper

169 100

168 68.8 53.1 79.7

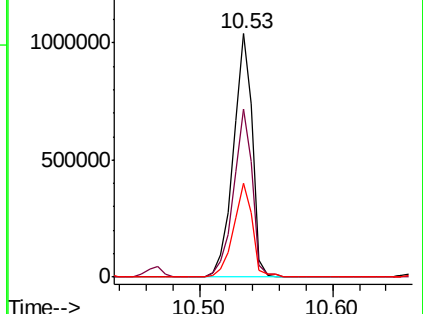
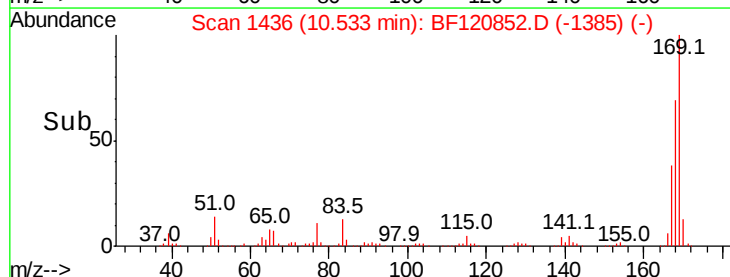
167 38.4 29.6 44.4

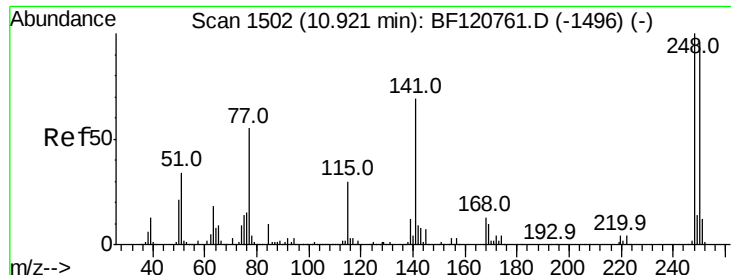


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

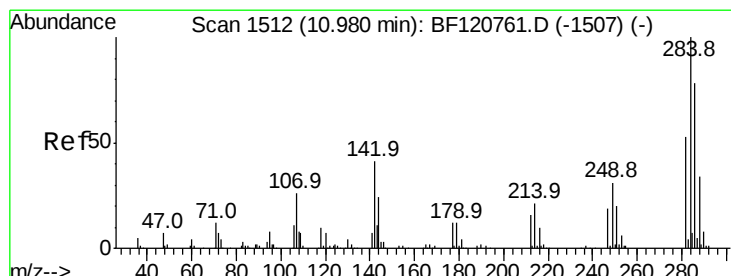
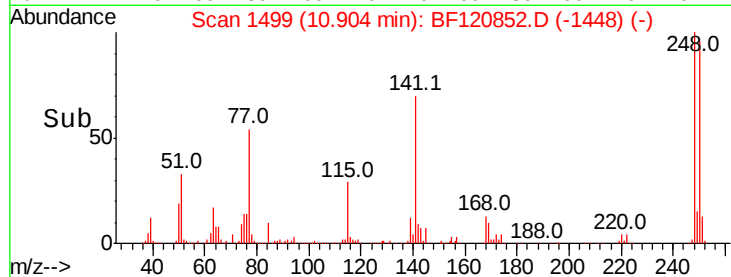
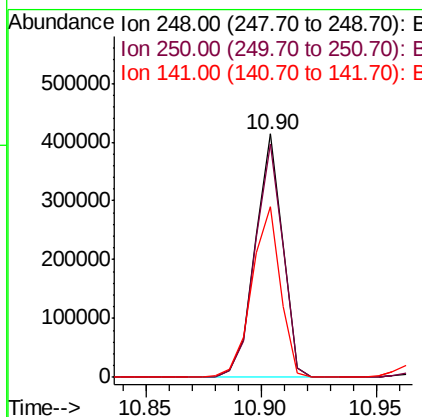
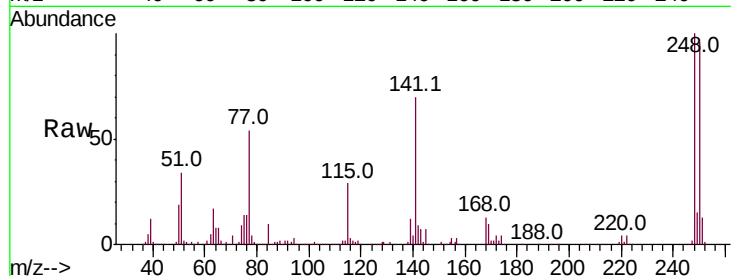




#67
 4-Bromophenyl-phenylether
 Concen: 43.440 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

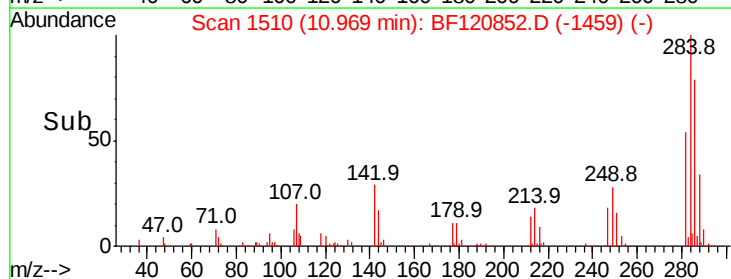
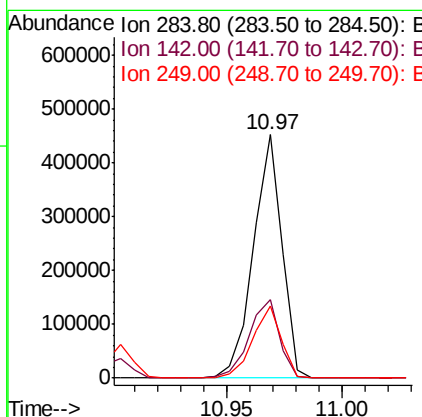
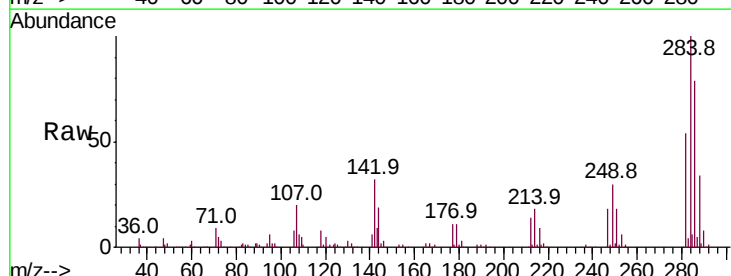
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

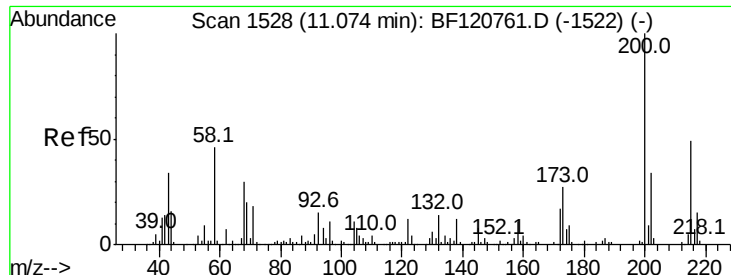
Tot Ion:	248	Resp:	344845
Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.5	114.7
141	70.0	54.9	82.3



#68
 Hexachlorobenzene
 Concen: 46.933 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:	284	Resp:	390958
Ion	Ratio	Lower	Upper
284	100		
142	32.5	32.5	48.7#
249	29.7	24.8	37.2

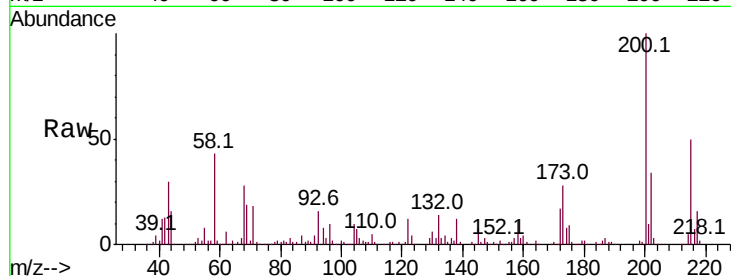




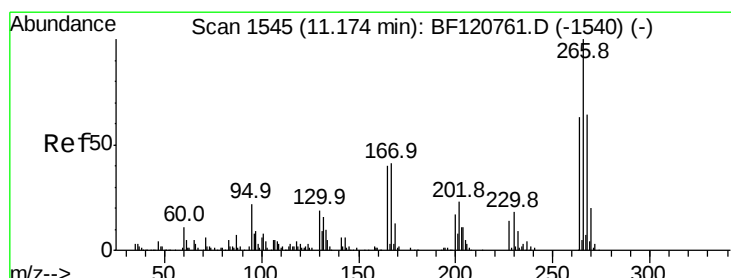
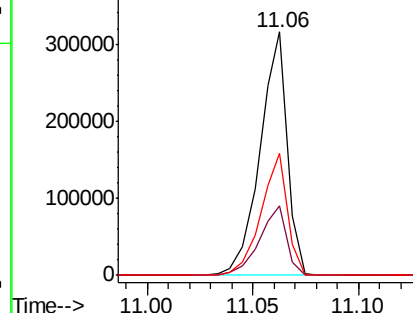
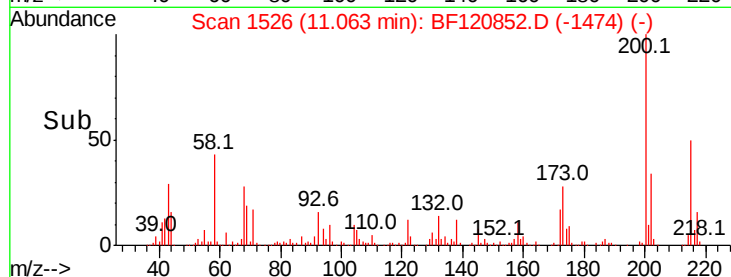
#69
Atrazine
Concen: 47.752 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:200 Resp: 282181
Ion Ratio Lower Upper
200 100
173 28.4 7.4 47.4
215 50.0 28.8 68.8

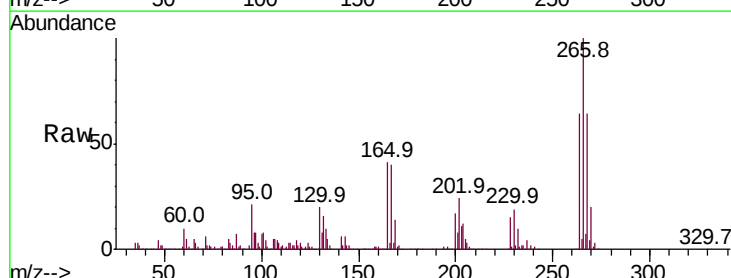


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

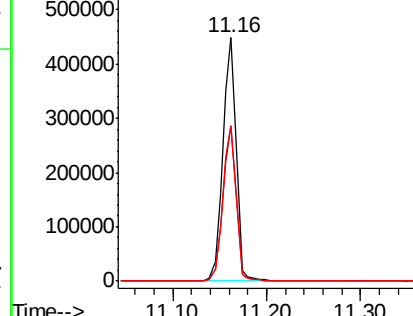
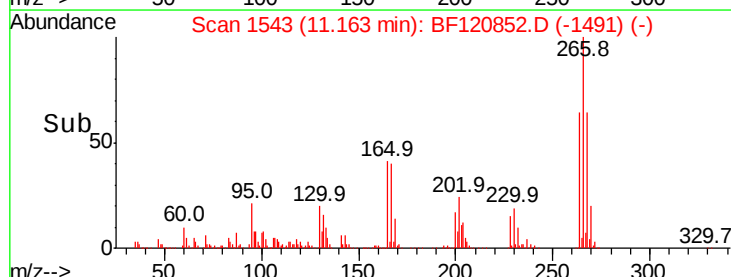


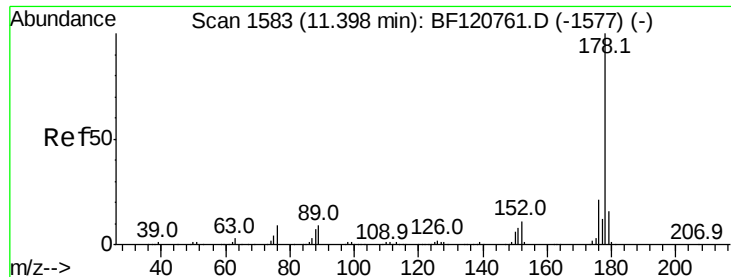
#70
Pentachlorophenol
Concen: 95.096 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:266 Resp: 448189
Ion Ratio Lower Upper
266 100
268 63.9 51.4 77.2
264 63.7 50.6 75.8



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

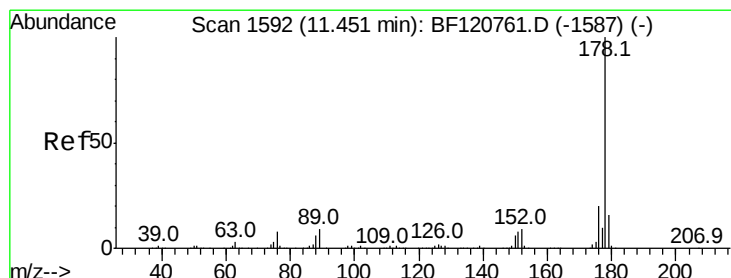
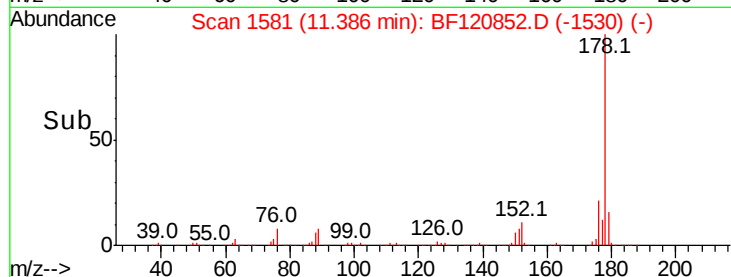
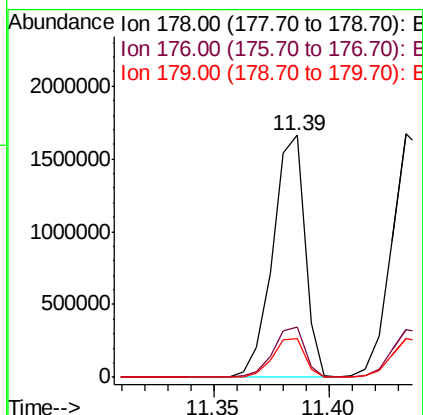
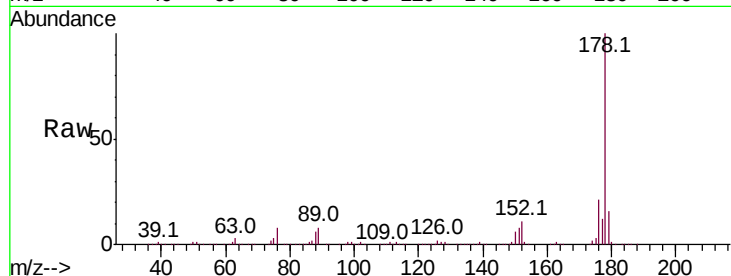




#71
Phenanthrene
Concen: 43.343 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

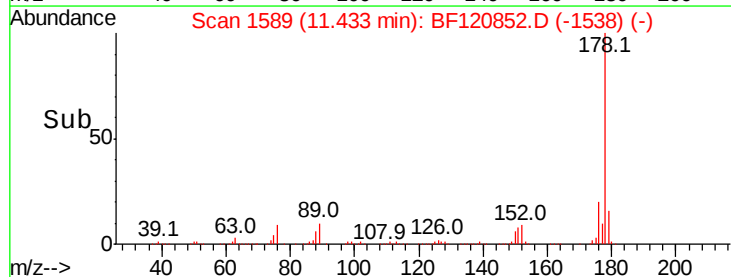
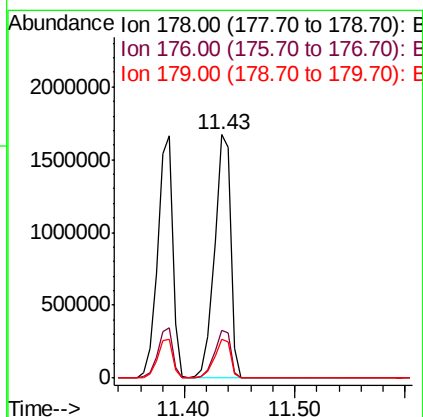
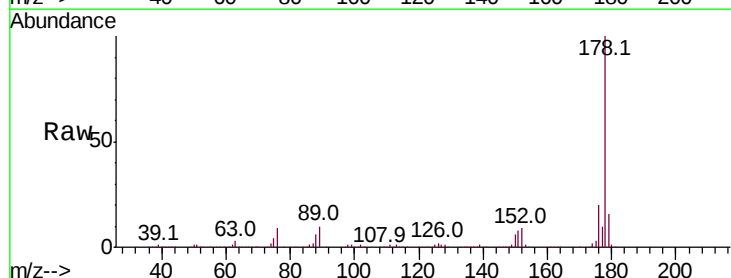
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

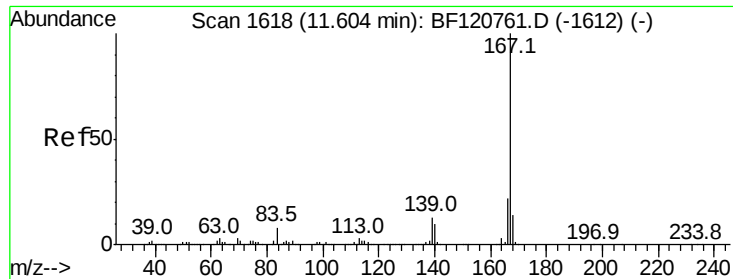
Tot Ion:178 Resp: 1609393
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 16.2 12.9 19.3



#72
Anthracene
Concen: 44.954 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:178 Resp: 1686745
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 16.2 12.7 19.1



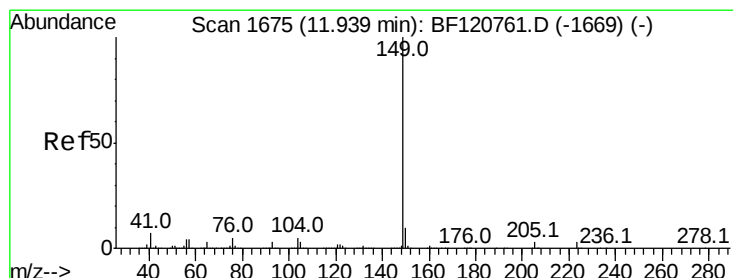
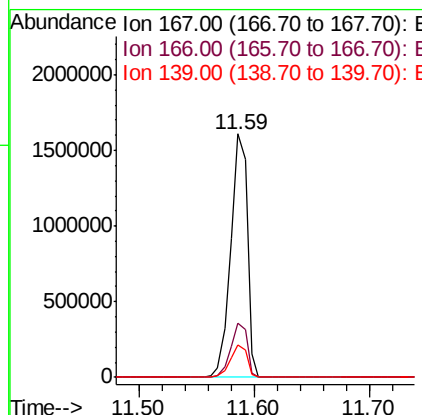
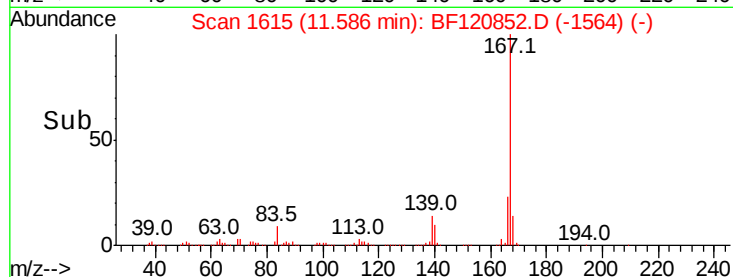
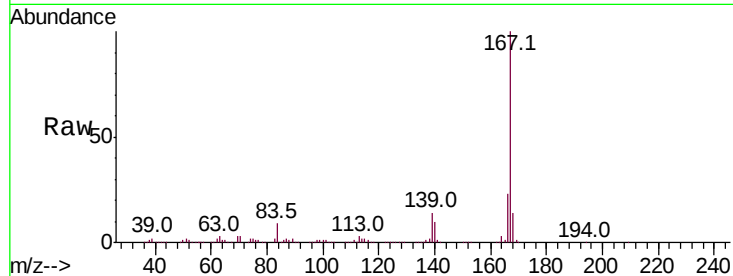


#73
 Carbazole
 Concen: 44.467 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion:167 Resp: 1603387

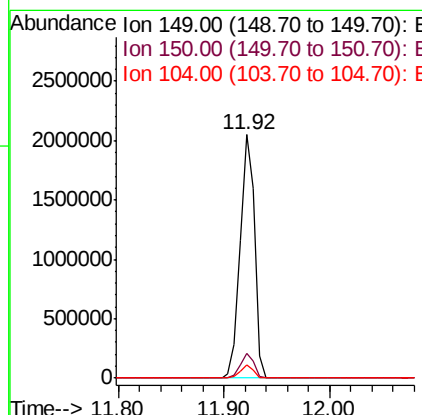
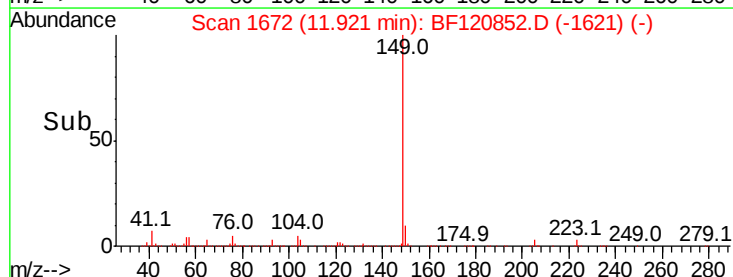
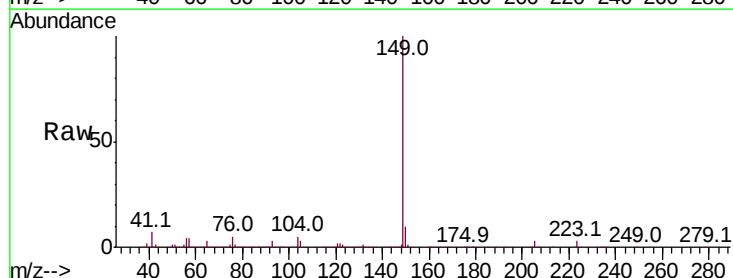
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	13.5	10.7	16.1

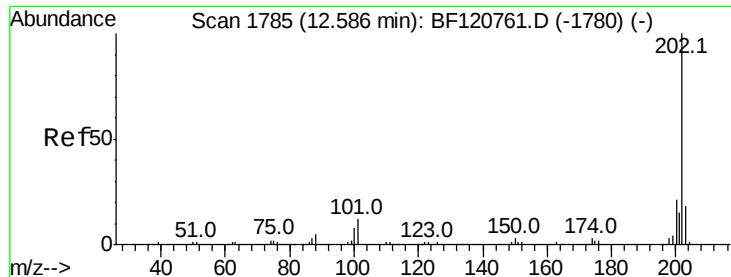


#74
 Di-n-butylphthalate
 Concen: 42.202 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:149 Resp: 1883951

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 45.368 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

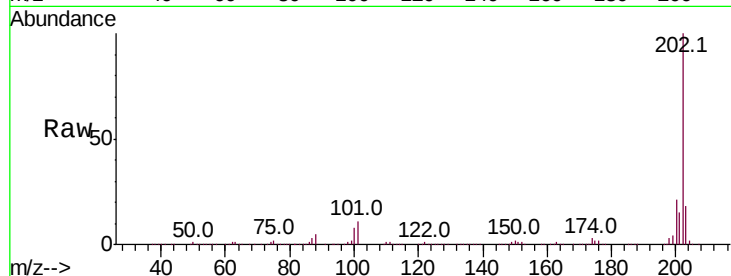
Tot Ion:202 Resp: 1794548

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.6

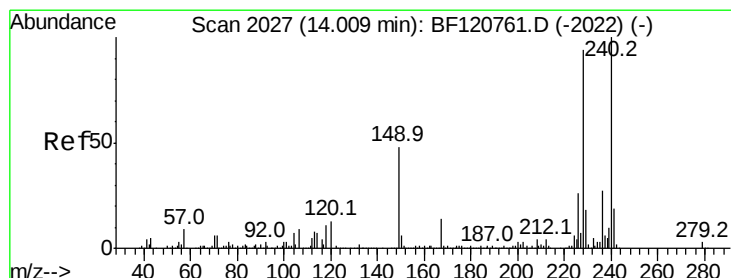
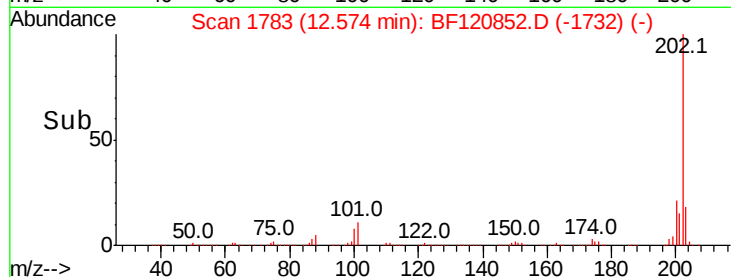
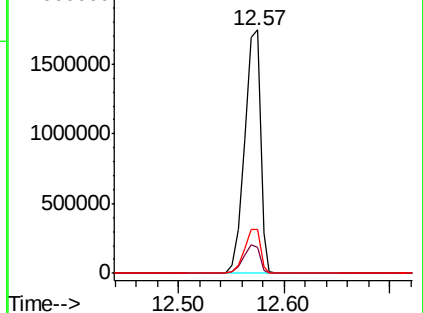
203 18.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

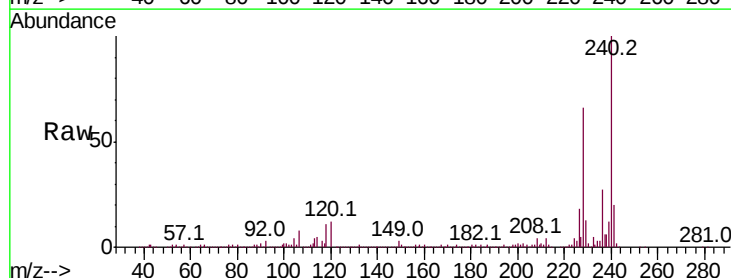
Tgt Ion:240 Resp: 509567

Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

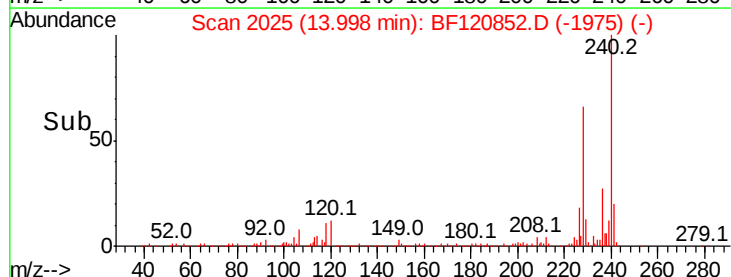
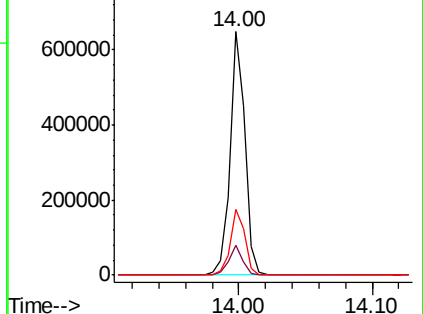
236 27.0 21.4 32.2

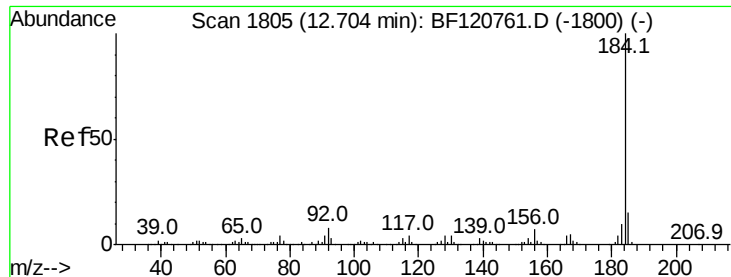


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.477 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

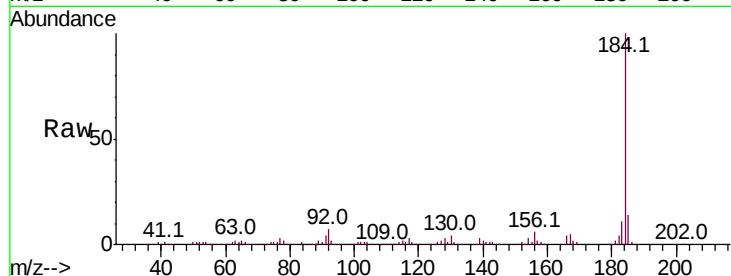
Tot Ion:184 Resp: 654100

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	10.6	8.3	12.5

184 100

185 14.4 11.8 17.8

183 10.6 8.3 12.5

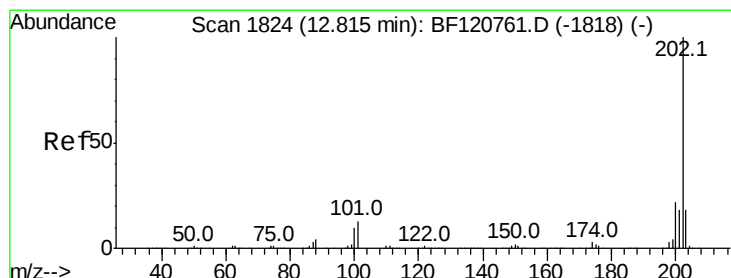
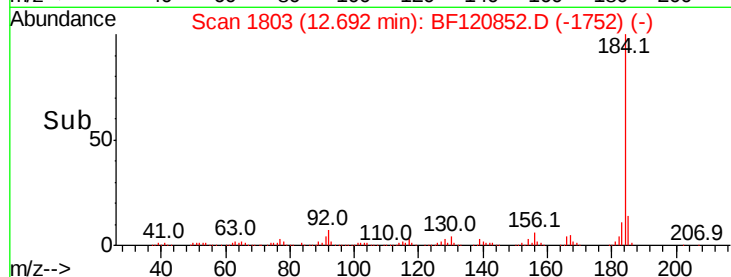
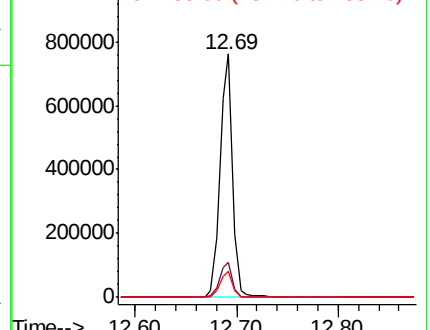


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.081 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

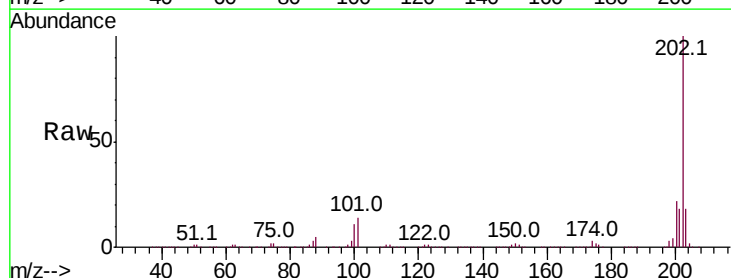
Tgt Ion:202 Resp: 1834677

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.2	14.6	22.0

202 100

200 21.6 17.3 25.9

203 18.2 14.6 22.0

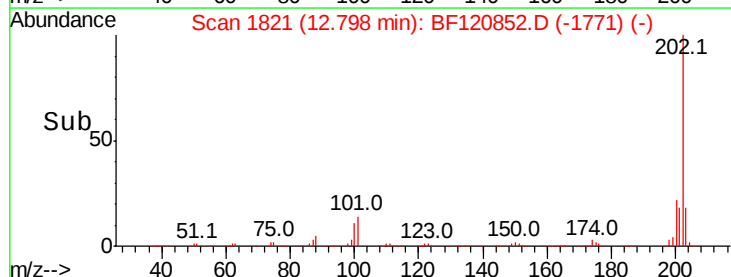
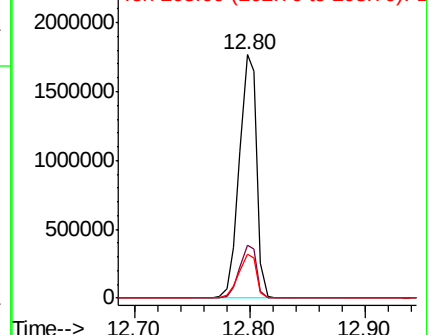


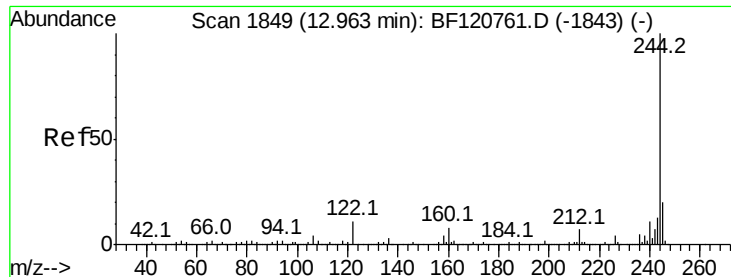
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.093 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

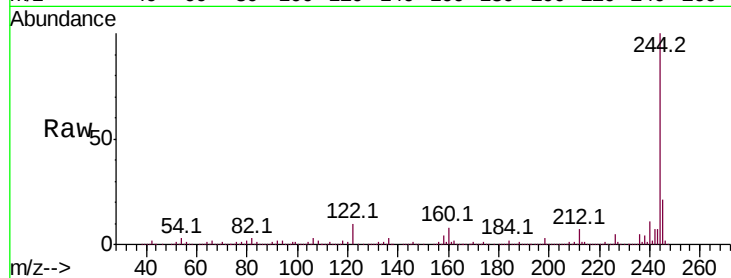
Tot Ion:244 Resp: 2162619

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

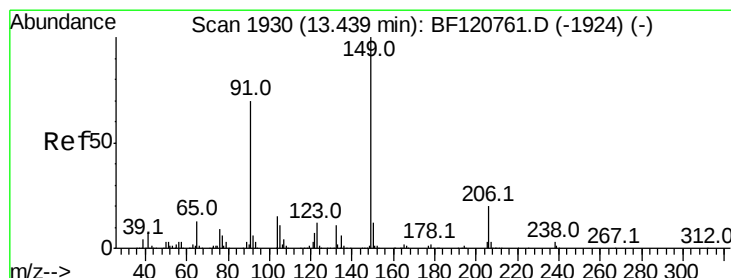
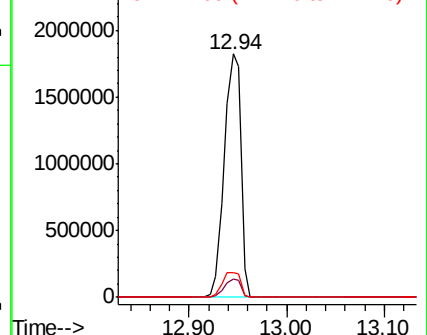
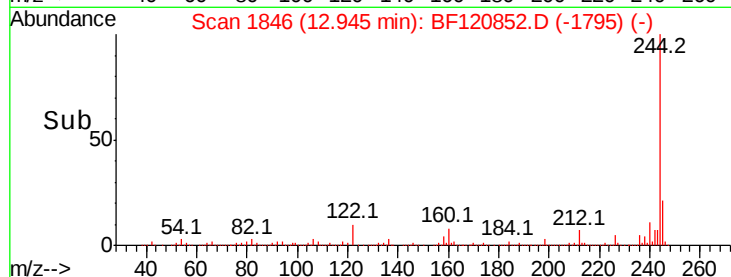
122 10.4 9.0 13.4



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: 46.502 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

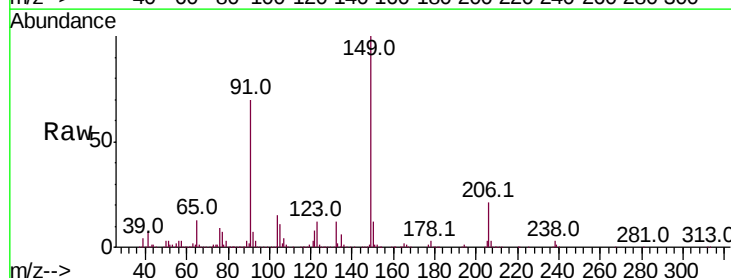
Tgt Ion:149 Resp: 817051

Ion Ratio Lower Upper

149 100

91 69.8 55.8 83.8

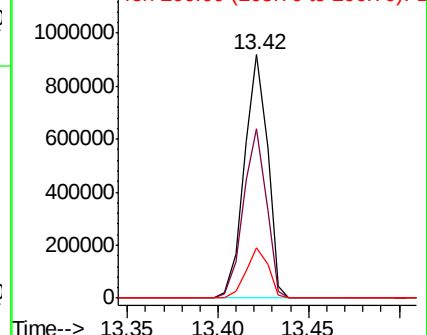
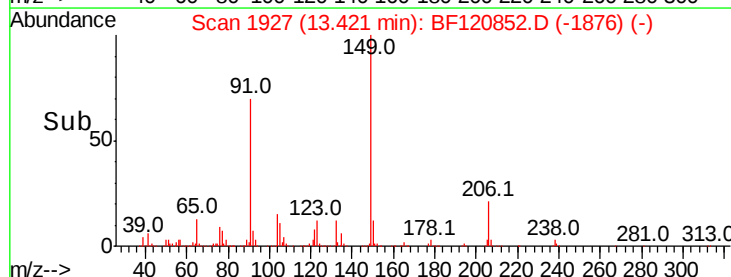
206 20.6 15.7 23.5

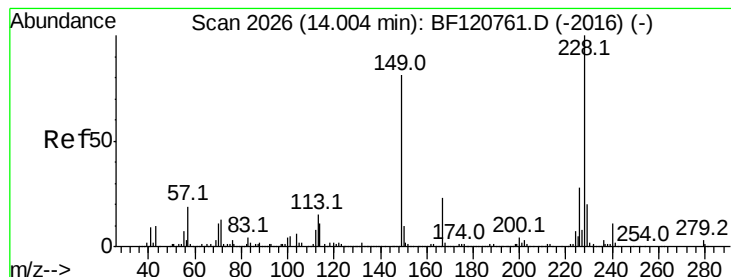


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.588 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

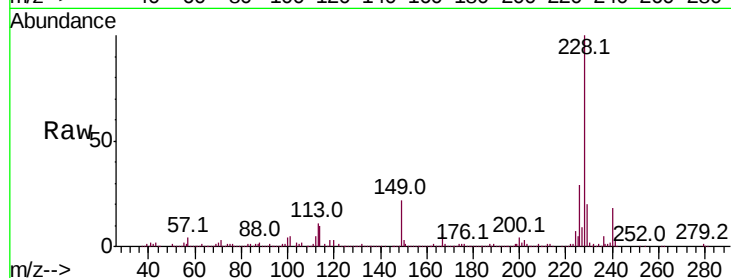
Tot Ion:228 Resp: 1391099

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

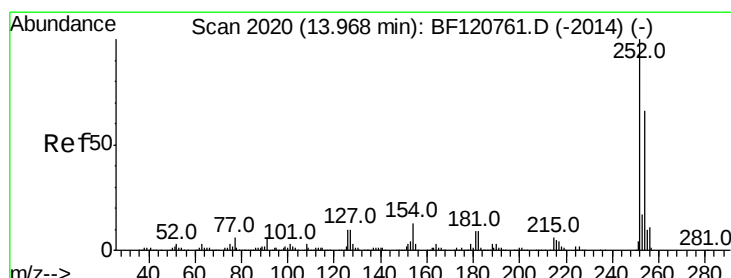
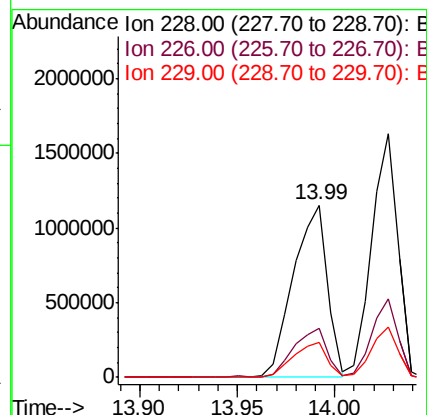
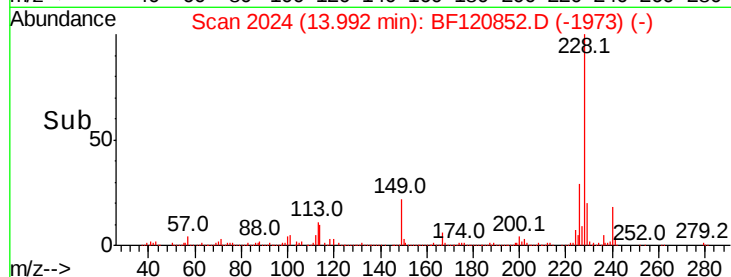
229 20.4 15.8 23.6



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: 38.220 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

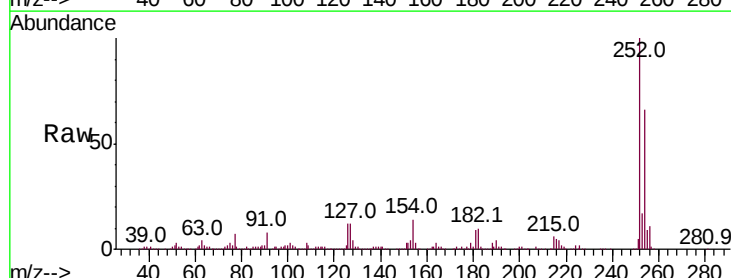
Tgt Ion:252 Resp: 421298

Ion Ratio Lower Upper

252 100

254 65.7 52.6 78.8

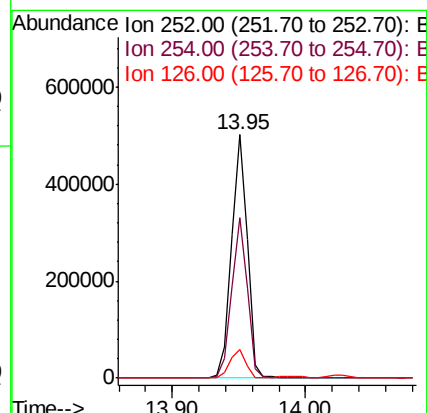
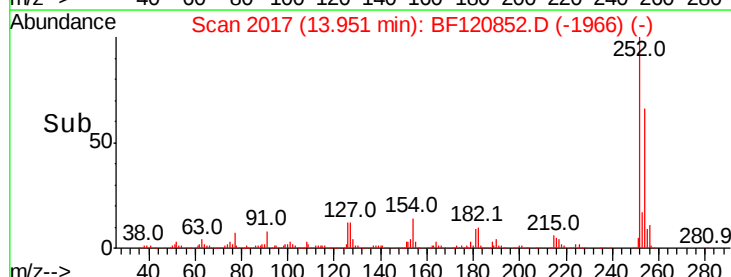
126 12.0 7.8 11.8#

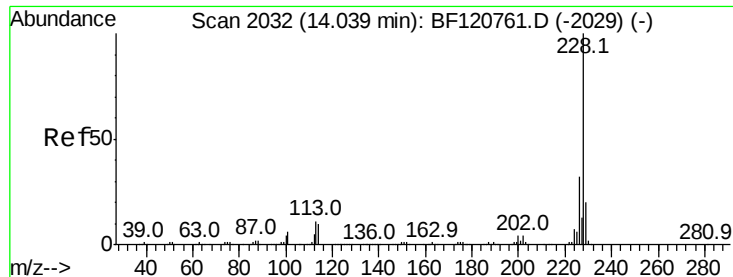


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.777 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

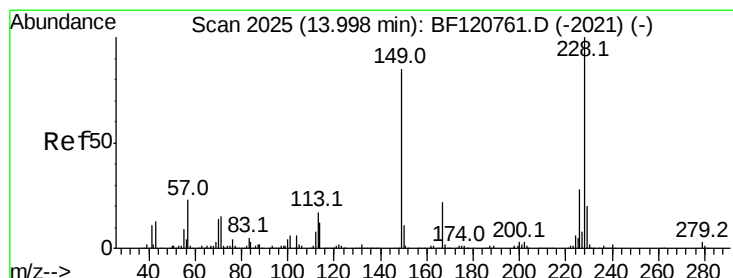
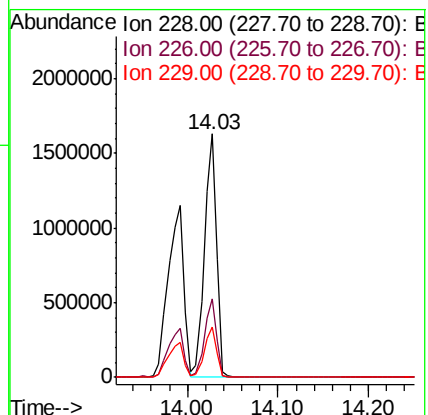
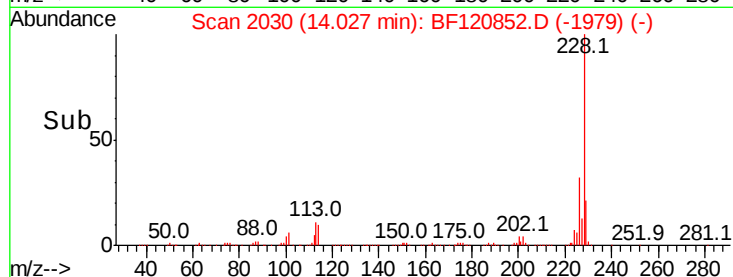
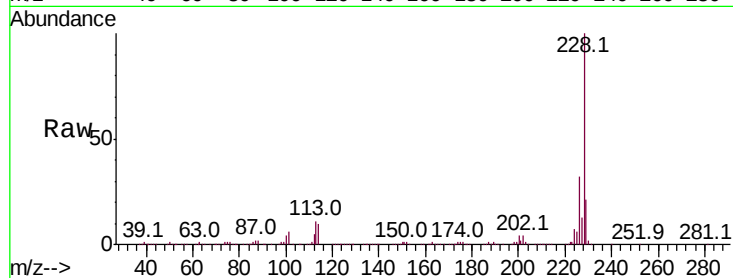
Tot Ion:228 Resp: 1525212

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	20.8	16.3	24.5

228 100

226 32.2 25.7 38.5

229 20.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.808 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

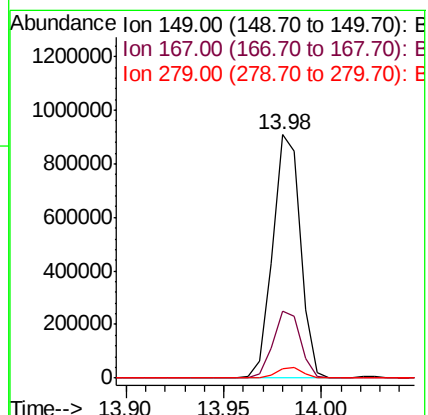
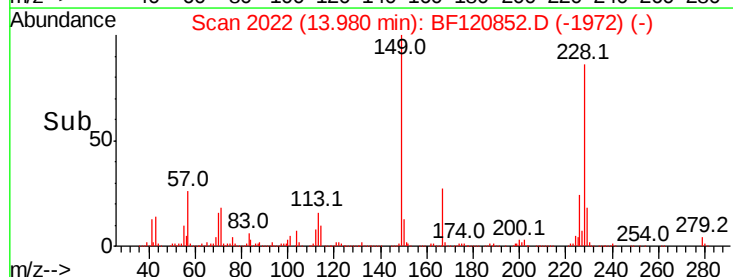
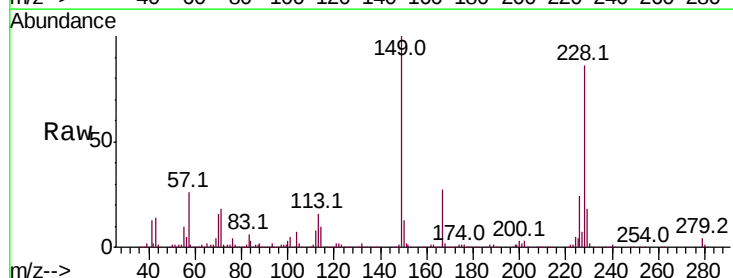
Tgt Ion:149 Resp: 894167

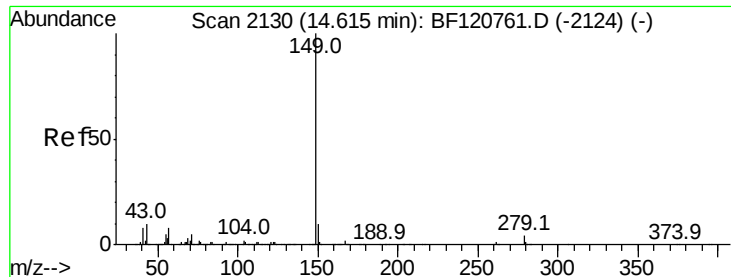
Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.9	31.3
279	3.7	2.6	4.0

149 100

167 27.2 20.9 31.3

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 44.985 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

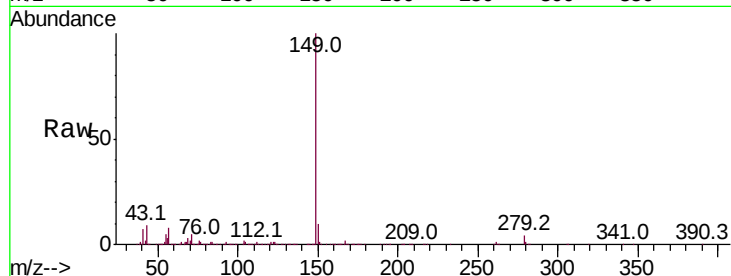
Tot Ion:149 Resp: 1833650

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

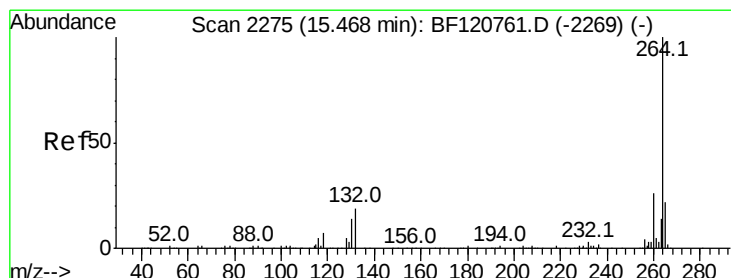
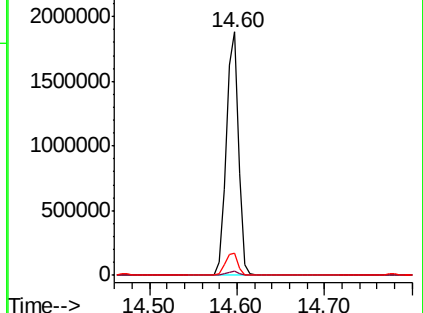
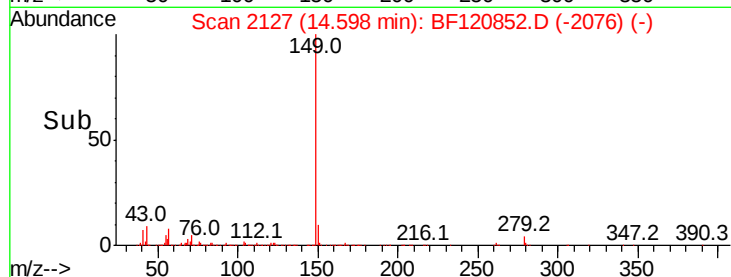
43 9.4 8.7 13.1



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

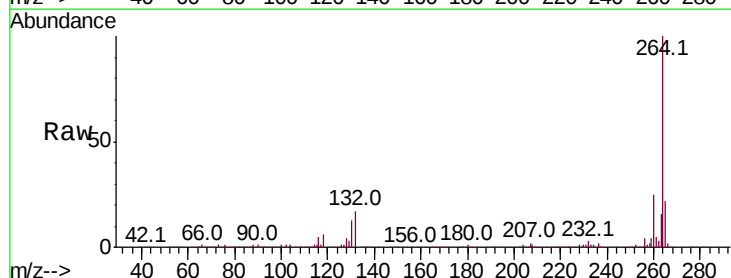
Tgt Ion:264 Resp: 429200

Ion Ratio Lower Upper

264 100

260 25.2 20.6 30.8

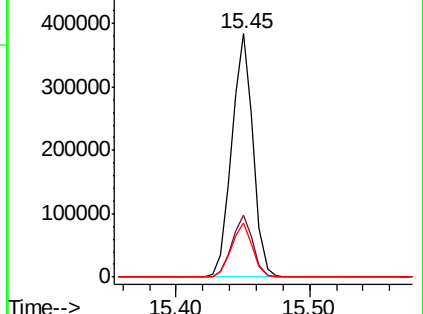
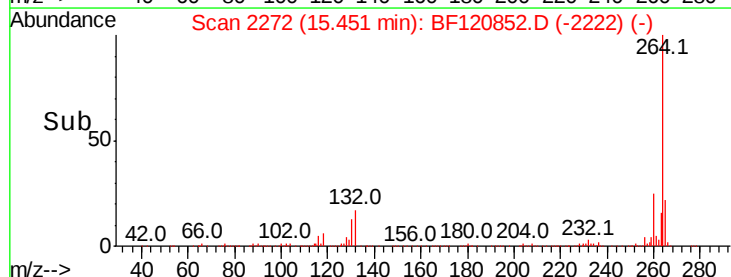
265 22.0 17.6 26.4

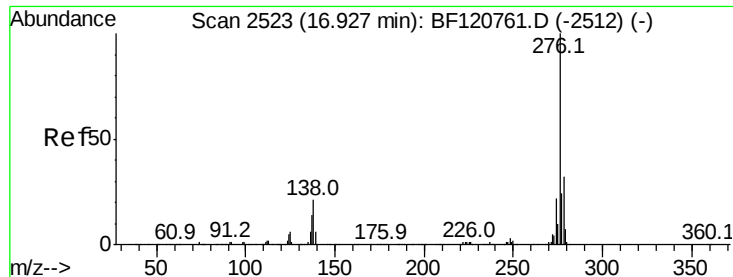


Abundance Ion 264.00 (263.70 to 264.70): E

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: 46.639 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.01 min

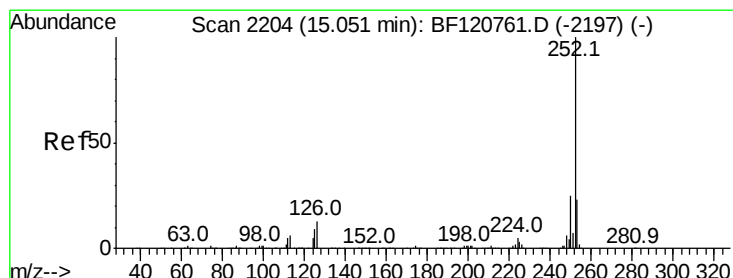
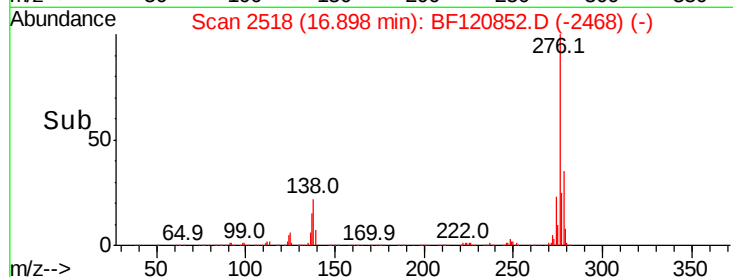
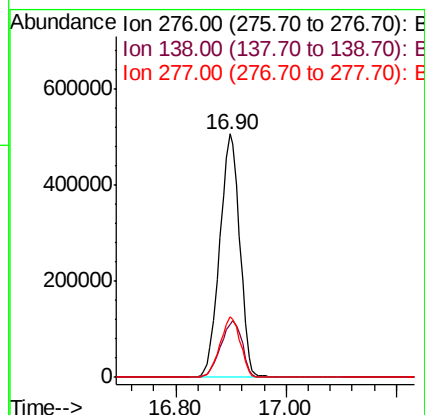
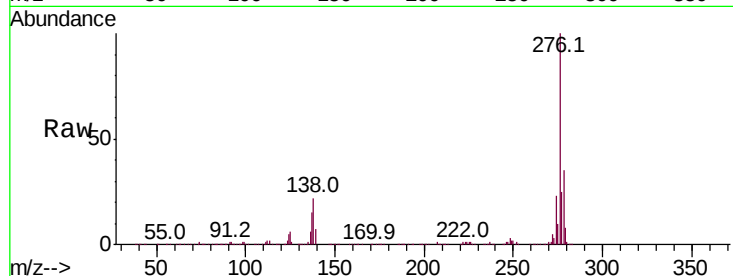
Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:276 Resp: 1283954

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.2	19.9	29.9



#88

Benzo(b)fluoranthene

Concen: 50.071 ng

RT: 15.03 min Scan# 2201

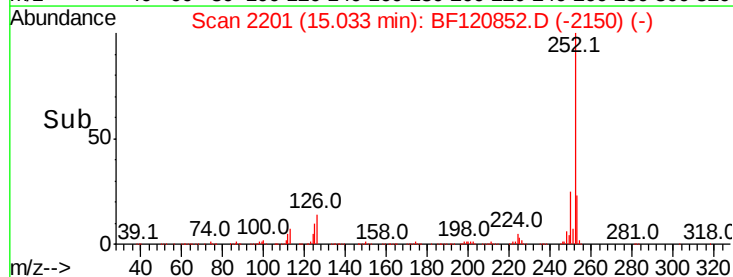
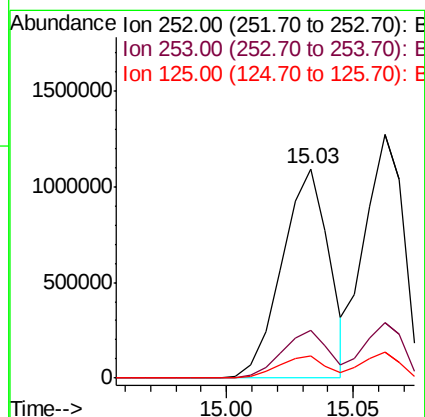
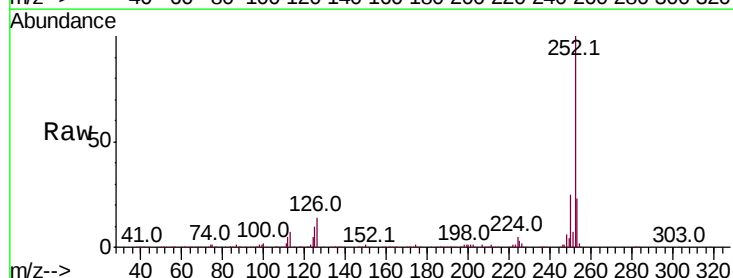
Delta R.T. -0.00 min

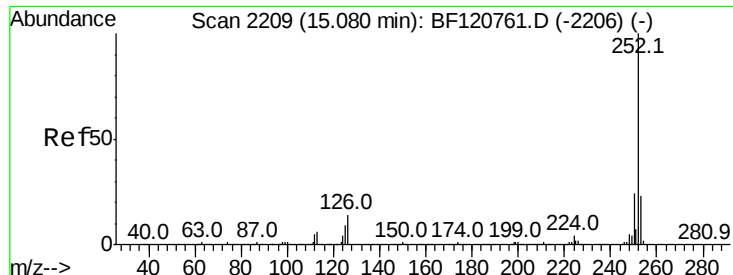
Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Tgt Ion:252 Resp: 1412837

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.3	7.5	11.3

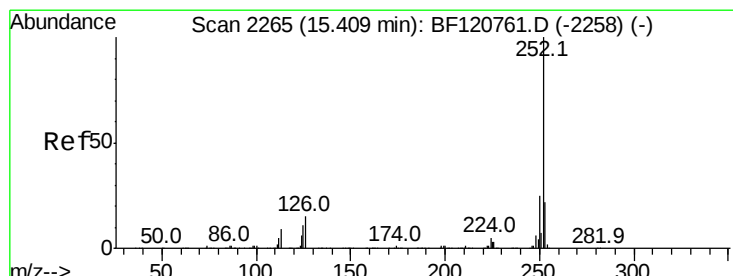
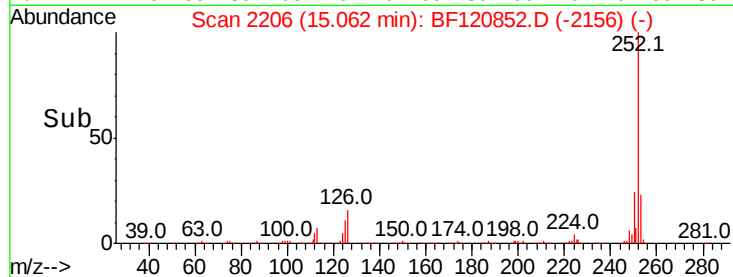
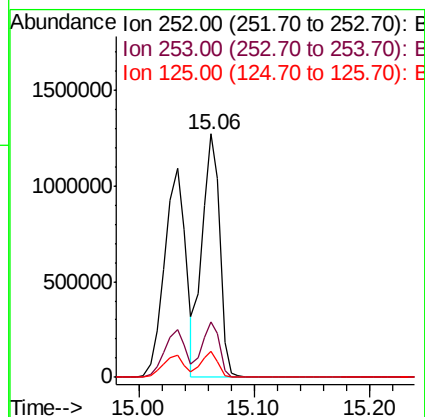
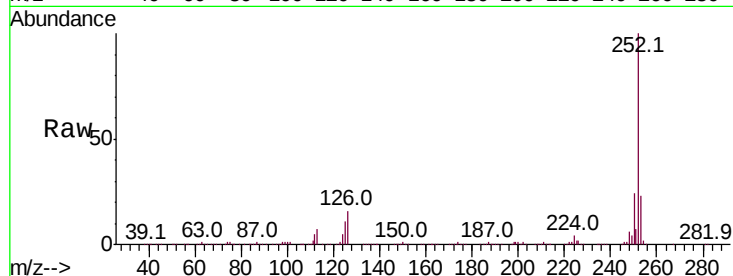




#89
Benzo(k)fluoranthene
Concen: 49.855 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

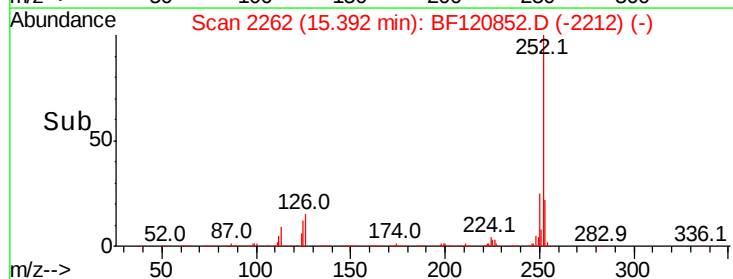
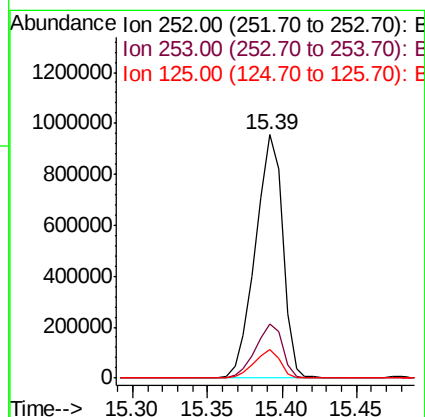
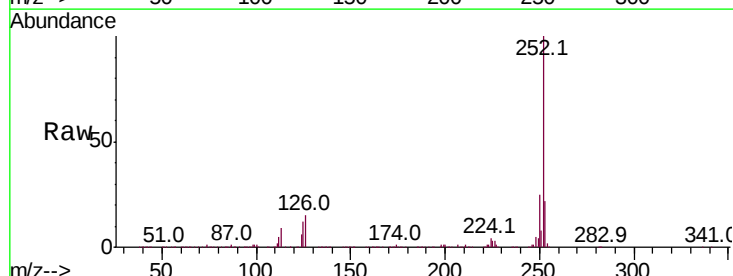
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

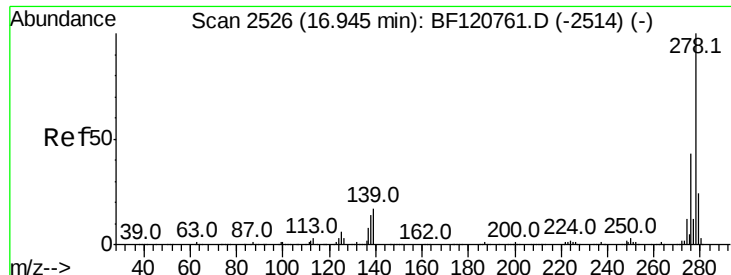
Tot Ion:252 Resp: 1368845
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.910 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:252 Resp: 1205921
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.7 9.2 13.8

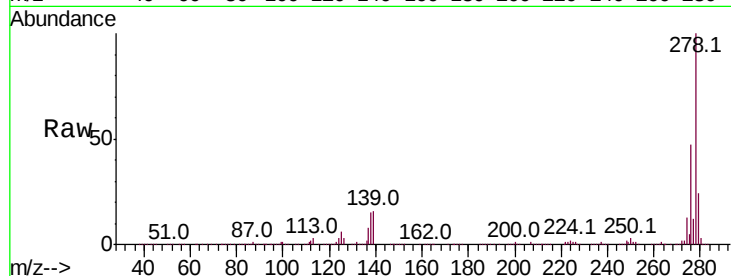




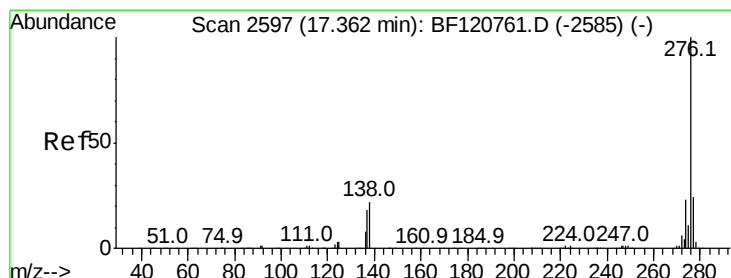
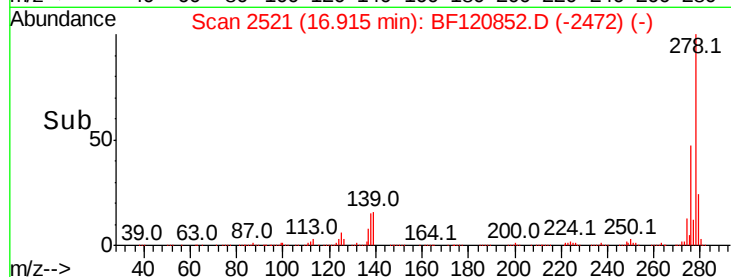
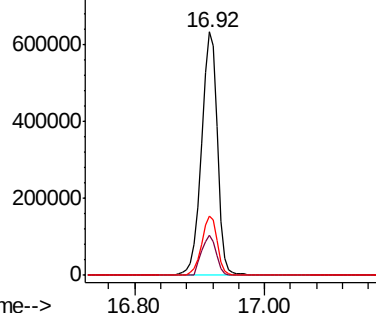
#91
Dibenzo(a,h)anthracene
Concen: 46.904 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:278 Resp: 1076204
Ion Ratio Lower Upper
278 100
139 16.4 13.3 19.9
279 24.1 19.0 28.6

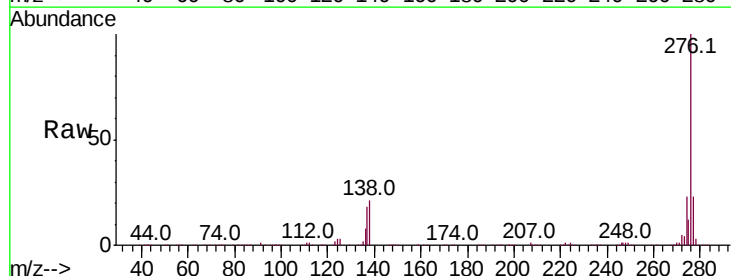


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.497 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:276 Resp: 1037959
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 21.0 17.4 26.2



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

