

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF071320\
 Data File : BF120853.D
 Acq On : 13 Jul 2020 15:13
 Operator : JU/CG
 Sample : L3184-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

Quant Time: Jul 13 15:36:00 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	190493	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	718435	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	362446	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	675056	20.00	ng	0.00
76) Chrysene-d12	14.00	240	493667	20.00	ng	0.00
86) Perylene-d12	15.45	264	413340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1404175	113.79	ng	0.02
7) Phenol-d6	6.47	99	1537203	97.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	1241965	100.16	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	524252	143.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2041380	85.21	ng	0.00
79) Terphenyl-d14	12.94	244	2178449	86.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	232475	41.241	ng	97
3) Pyridine	3.42	79	553162	35.825	ng	97
4) n-Nitrosodimethylamine	3.35	42	308327	39.916	ng	88
6) Aniline	6.50	93	618302	30.550	ng	97
8) 2-Chlorophenol	6.62	128	611041	46.508	ng	99
9) Benzaldehyde	6.38	77	103709	11.065	ng	96
10) Phenol	6.48	94	618308	38.140	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	590219	44.741	ng	100
12) 1,3-Dichlorobenzene	6.77	146	623876	43.141	ng	98
13) 1,4-Dichlorobenzene	6.85	146	632703	43.682	ng	98
14) 1,2-Dichlorobenzene	7.00	146	575954	41.795	ng	99
15) Benzyl Alcohol	6.97	79	484316	40.903	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	833357	40.500	ng	98
17) 2-Methylphenol	7.09	107	475942	40.493	ng	97
18) Hexachloroethane	7.35	117	236265	43.399	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	393185	41.437	ng	95
20) 3+4-Methylphenols	7.24	107	516485	35.678	ng	# 88
22) Acetophenone	7.25	105	742293	41.567	ng	# 93
24) Nitrobenzene	7.42	77	634979	45.607	ng	96
25) Isophorone	7.66	82	1145833	42.848	ng	100
26) 2-Nitrophenol	7.73	139	313882	53.161	ng	# 86
27) 2,4-Dimethylphenol	7.77	122	502778	47.098	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	720098	45.498	ng	100
29) 2,4-Dichlorophenol	7.97	162	496588	46.597	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	539086	45.037	ng	99
31) Naphthalene	8.14	128	1661183	43.266	ng	99
32) Benzoic acid	7.89	122	325112	43.505	ng	94
33) 4-Chloroaniline	8.18	127	348714	21.403	ng	97
34) Hexachlorobutadiene	8.26	225	306185	42.532	ng	99
35) Caprolactam	8.56	113	64138	20.655	ng	94
36) 4-Chloro-3-methylphenol	8.67	107	517049	46.641	ng	93
37) 2-Methylnaphthalene	8.83	142	1123021	44.994	ng	99
38) 1-Methylnaphthalene	8.93	142	1073791	45.929	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	476618	43.511	ng	100

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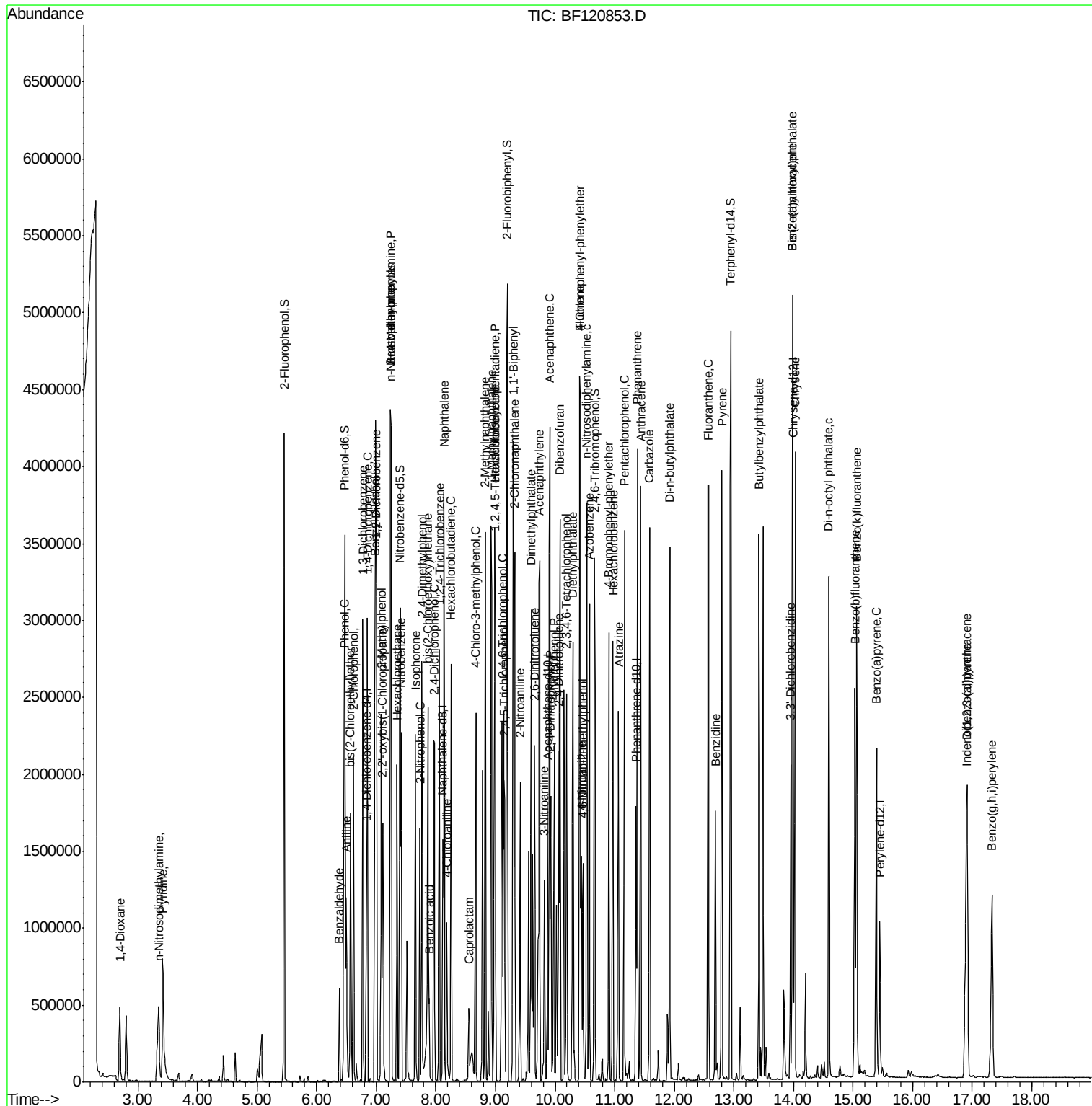
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	477546	73.786	nq	97
43) 2,4,6-Trichlorophenol	9.11	196	367992	49.301	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	391019	47.204	nq	98
46) 1,1'-Biphenyl	9.30	154	1290576	44.143	nq	98
47) 2-Chloronaphthalene	9.32	162	1047239	44.712	nq	98
48) 2-Nitroaniline	9.42	65	338240	48.217	nq	91
49) Acenaphthylene	9.74	152	1636163	44.557	nq	100
50) Dimethylphthalate	9.60	163	1455999	55.069	nq	99
51) 2,6-Dinitrotoluene	9.66	165	274071	51.961	nq	88
52) Acenaphthene	9.91	154	1116510	49.011	nq	99
53) 3-Nitroaniline	9.82	138	214385	33.929	nq	97
54) 2,4-Dinitrophenol	9.93	184	256589	118.863	nq	# 82
55) Dibenzofuran	10.08	168	1473773	44.881	nq	98
56) 4-Nitrophenol	9.99	139	409718	84.381	nq	89
57) 2,4-Dinitrotoluene	10.06	165	362208	54.868	nq	# 81
58) Fluorene	10.42	166	1031393	42.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	326406	52.951	nq	96
60) Diethylphthalate	10.30	149	1228318	44.597	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	495744	40.347	nq	96
62) 4-Nitroaniline	10.45	138	299751	53.359	nq	87
63) Azobenzene	10.57	77	1188849	42.196	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	179388	60.975	nq	# 75
66) n-Nitrosodiphenylamine	10.53	169	1026064	45.348	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	341670	43.632	nq	99
68) Hexachlorobenzene	10.97	284	389382	47.387	nq	93
69) Atrazine	11.06	200	283756	48.680	nq	100
70) Pentachlorophenol	11.16	266	440191	94.684	nq	99
71) Phenanthrene	11.39	178	1599924	43.681	nq	99
72) Anthracene	11.44	178	1655716	44.734	nq	100
73) Carbazole	11.59	167	1579264	44.401	nq	100
74) Di-n-butylphthalate	11.92	149	1844422	41.885	nq	99
75) Fluoranthene	12.57	202	1772735	45.433	nq	99
77) Benzidine	12.69	184	648959	46.573	nq	99
78) Pyrene	12.80	202	1812363	45.967	nq	100
80) Butylbenzylphthalate	13.42	149	795206	46.716	nq	99
81) Benzo(a)anthracene	13.99	228	1340195	42.351	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	383958	35.954	nq	98
83) Chrysene	14.03	228	1483454	45.958	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	869282	38.943	nq	98
85) Di-n-octyl phthalate	14.60	149	1742383	44.123	nq	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	1223795	46.160	nq	100
88) Benzo(b)fluoranthene	15.03	252	1352038	49.755	nq	99
89) Benzo(k)fluoranthene	15.06	252	1284240	48.568	nq	98
90) Benzo(a)pyrene	15.39	252	1143453	47.171	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1029132	46.573	nq	99
92) Benzo(g,h,i)perylene	17.33	276	990471	49.045	nq	99

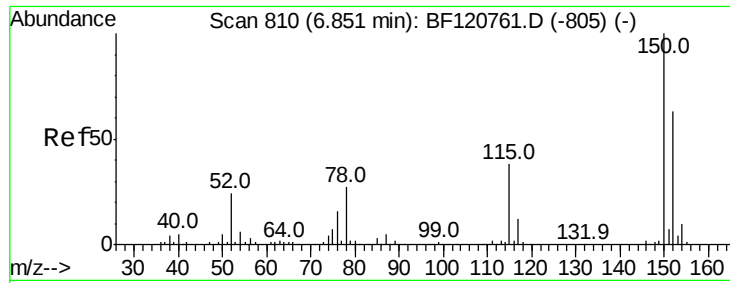
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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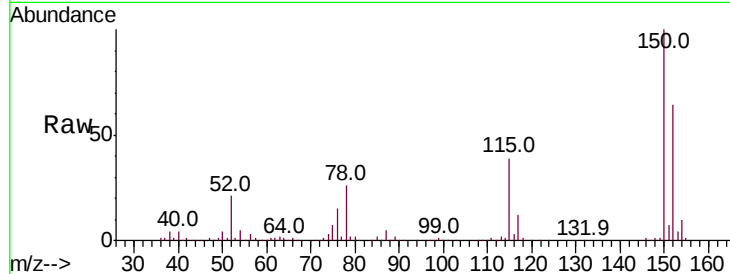


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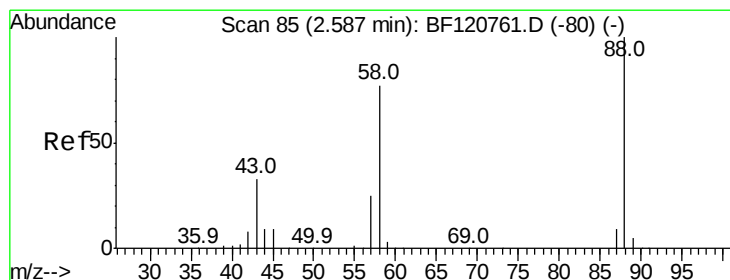
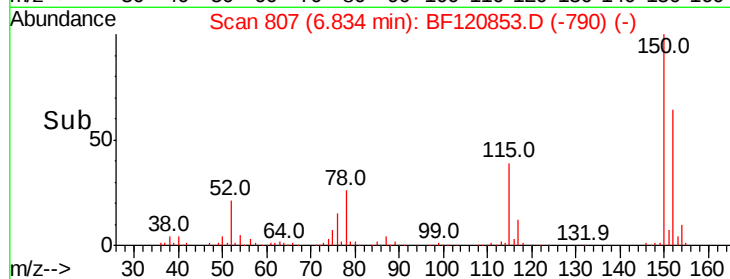
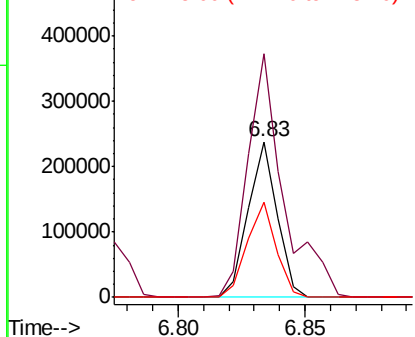
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:152 Resp: 190493
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 60.9 48.5 72.7



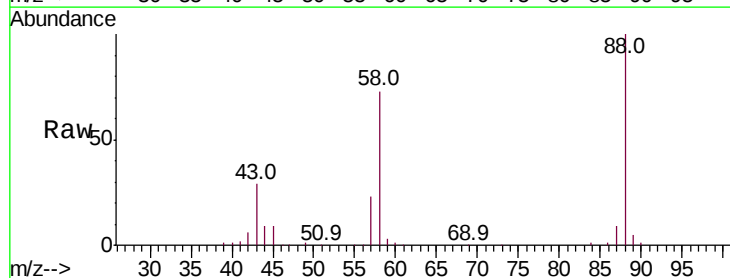
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



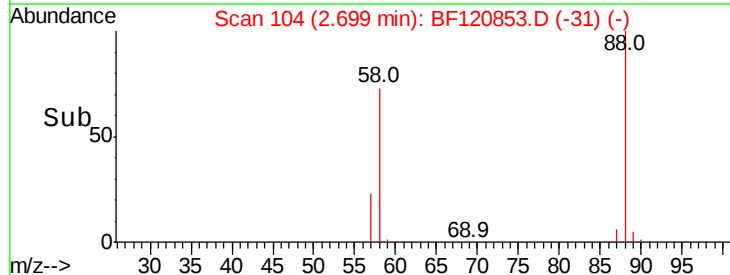
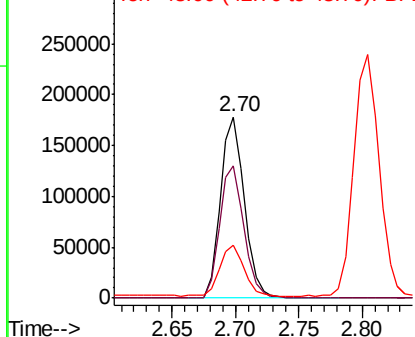
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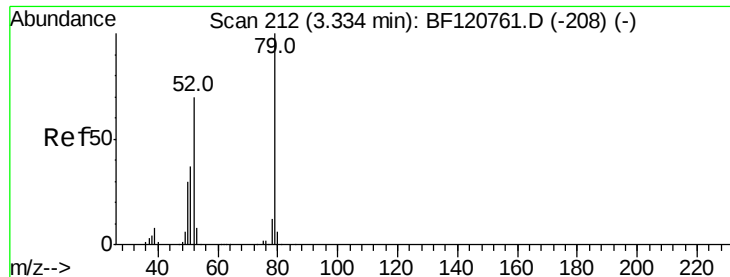
1,4-Dioxane
Concen: 41.241 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.13 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion: 88 Resp: 232475
Ion Ratio Lower Upper
88 100
58 74.4 60.4 90.6
43 28.2 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: 35.825 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.11 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

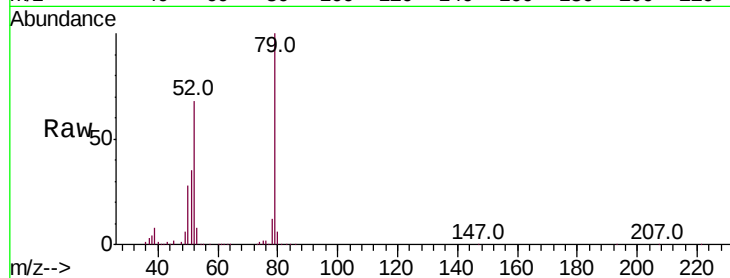
Tot Ion: 79 Resp: 553162

Ion Ratio Lower Upper

79 100

52 68.3 56.3 84.5

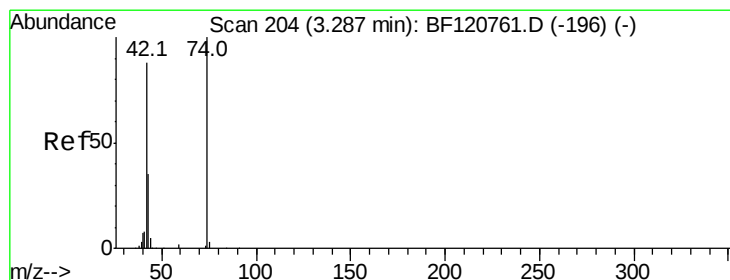
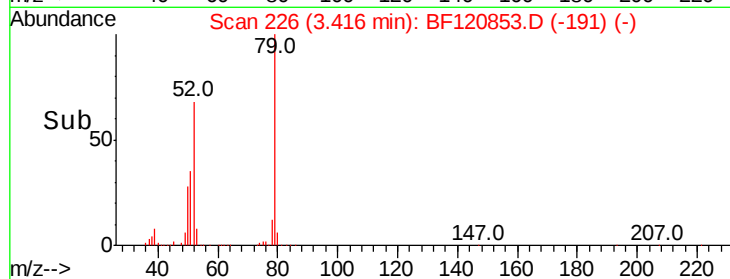
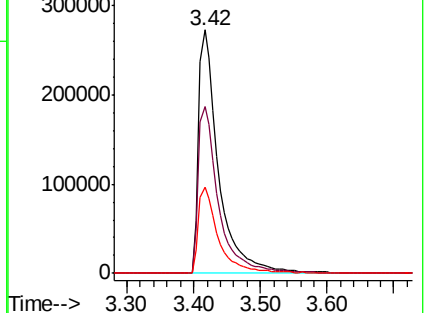
51 35.1 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.916 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

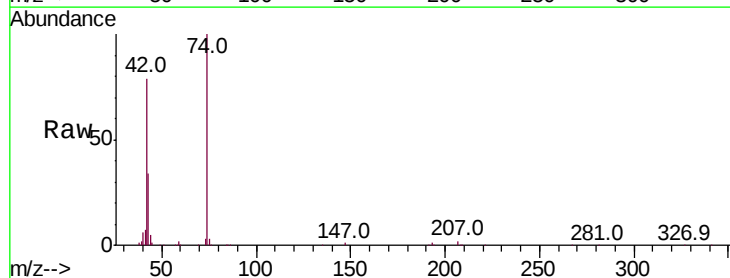
Tgt Ion: 42 Resp: 308327

Ion Ratio Lower Upper

42 100

74 126.6 90.8 136.2

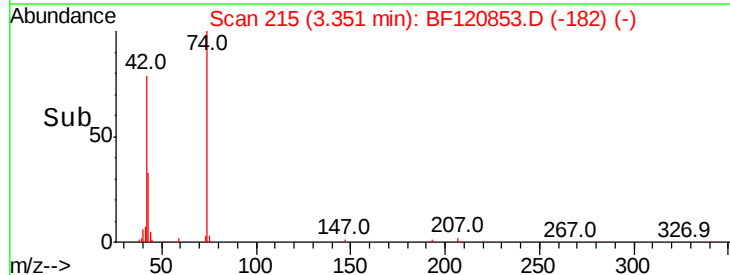
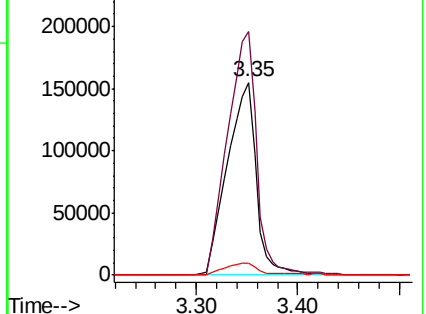
44 6.3 5.8 8.8

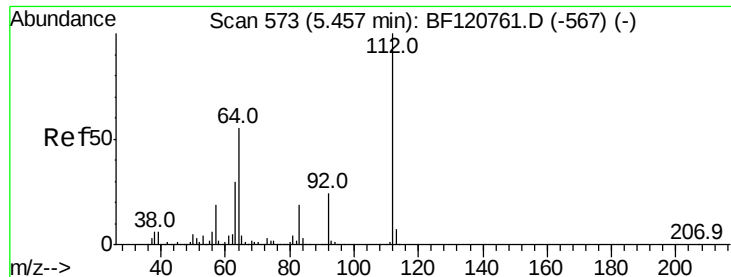


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.787 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

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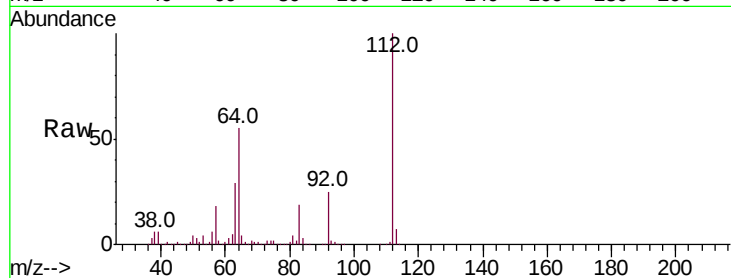
Tot Ion:112 Resp: 1404175

Ion Ratio Lower Upper

112 100

64 55.3 43.8 65.6

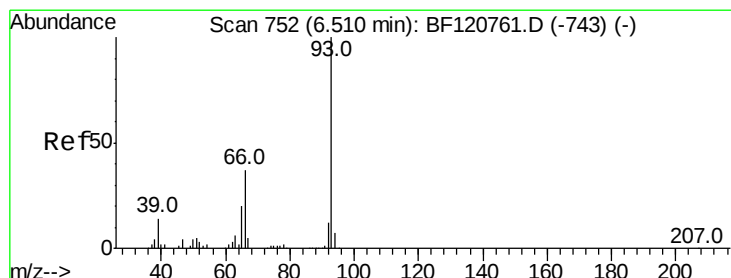
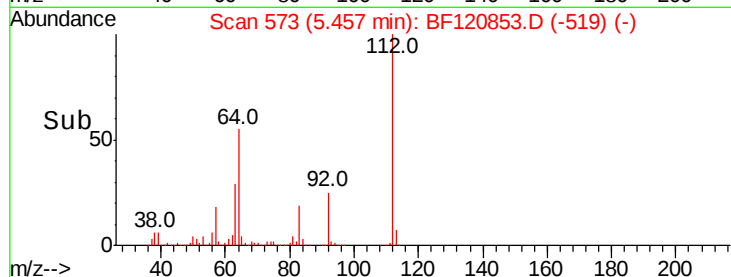
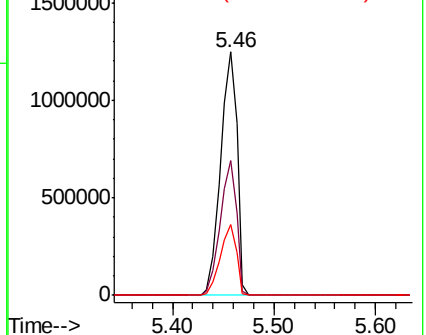
63 29.1 23.6 35.4



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: 30.550 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

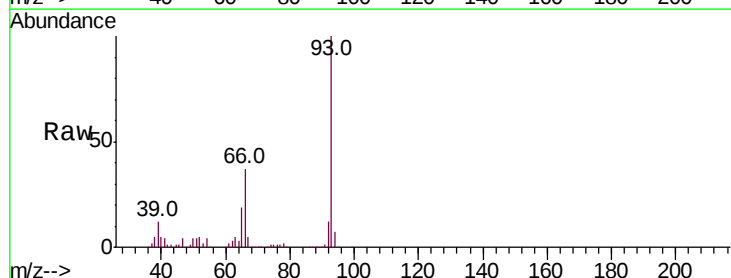
Tgt Ion: 93 Resp: 618302

Ion Ratio Lower Upper

93 100

66 37.4 31.3 46.9

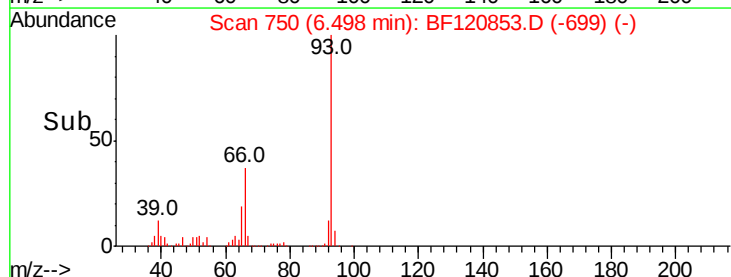
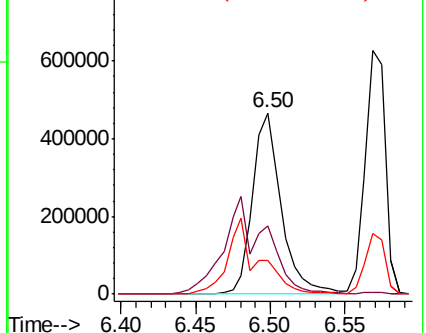
65 19.0 16.5 24.7

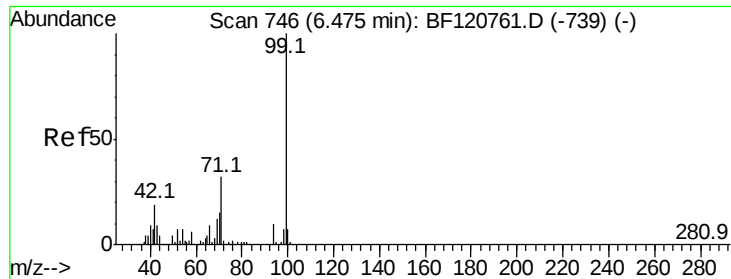


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.543 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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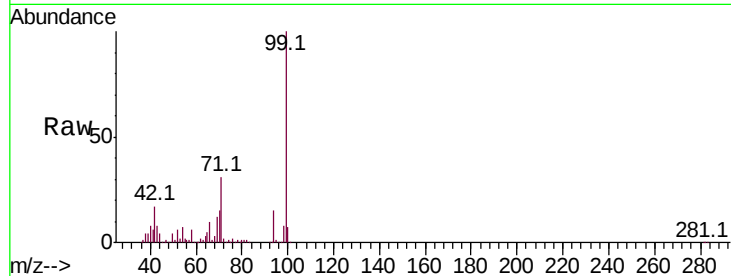
Tot Ion: 99 Resp: 1537203

Ion Ratio Lower Upper

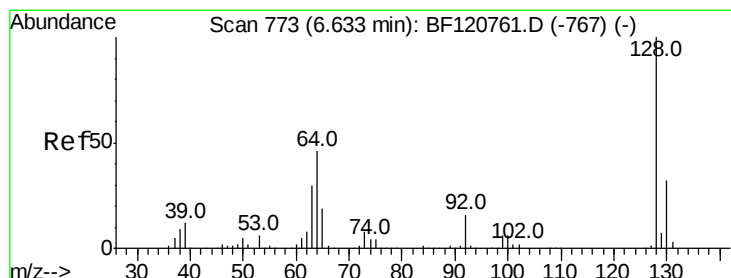
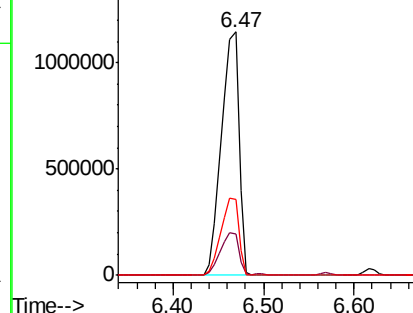
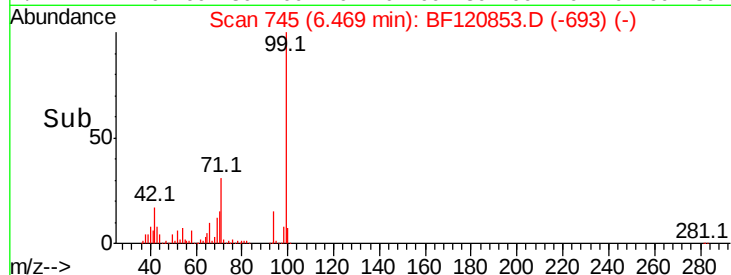
99 100

42 17.0 15.4 23.0

71 31.4 25.9 38.9



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



#8

2-Chlorophenol

Concen: 46.508 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

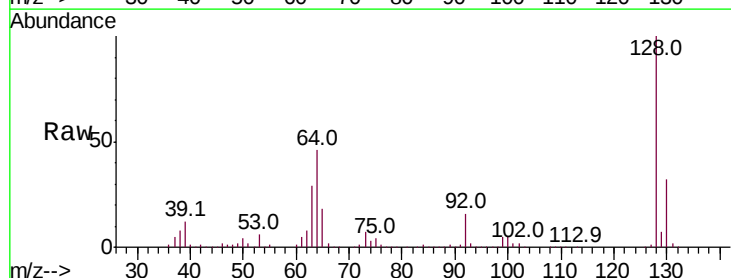
Tgt Ion: 128 Resp: 611041

Ion Ratio Lower Upper

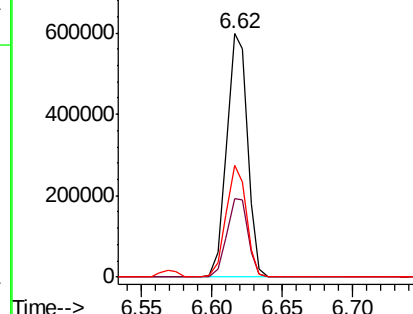
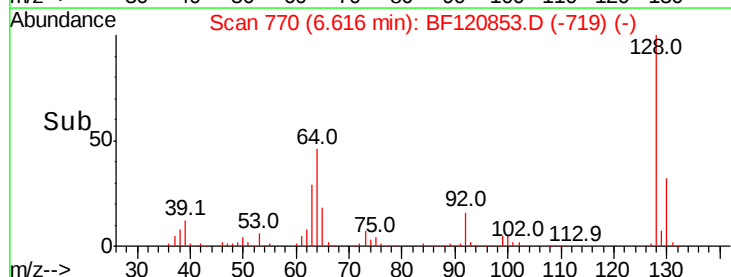
128 100

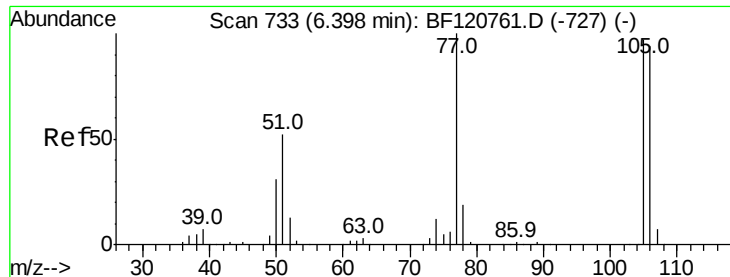
130 32.2 12.1 52.1

64 45.9 26.3 66.3



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





#9

Benzaldehyde

Concen: 11.065 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

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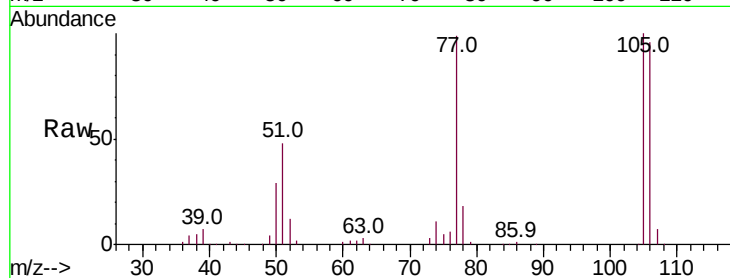
Tot Ion: 77 Resp: 103709

Ion Ratio Lower Upper

77 100

105 101.0 76.8 116.8

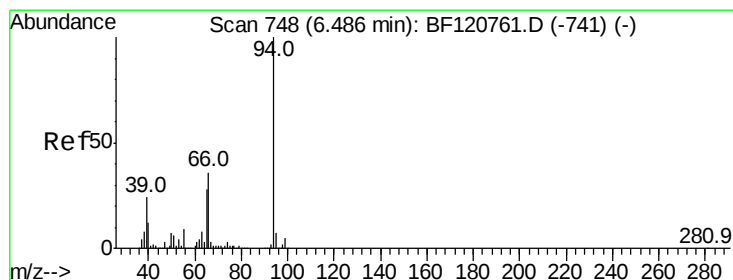
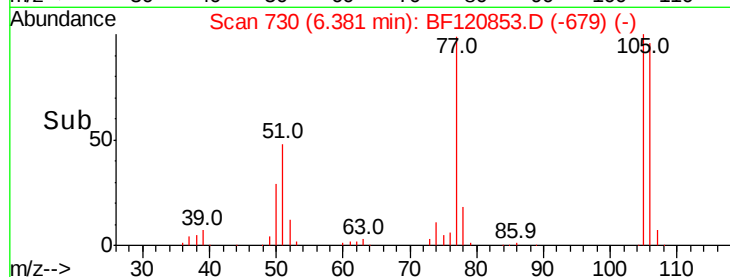
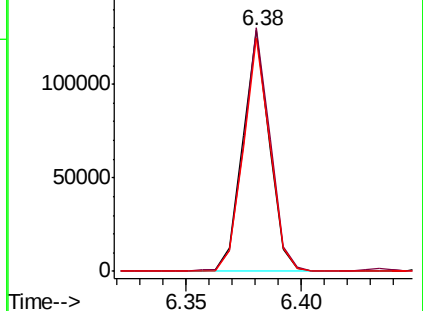
106 96.8 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.140 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

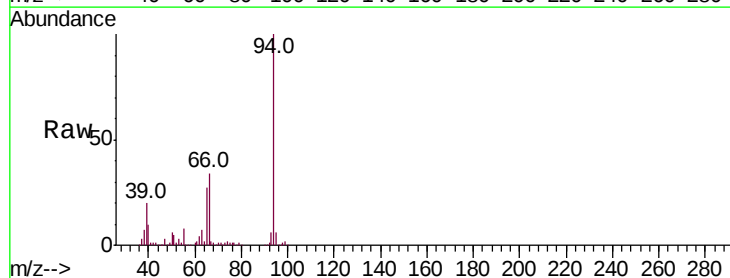
Tgt Ion: 94 Resp: 618308

Ion Ratio Lower Upper

94 100

65 26.6 8.4 48.4

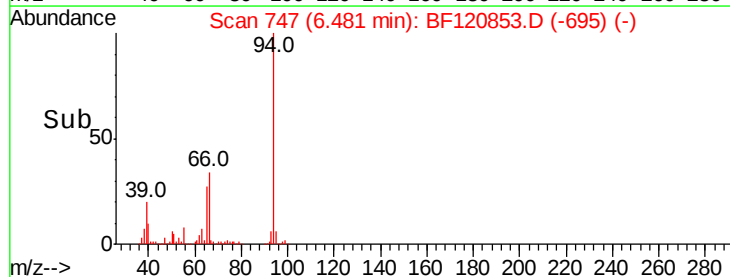
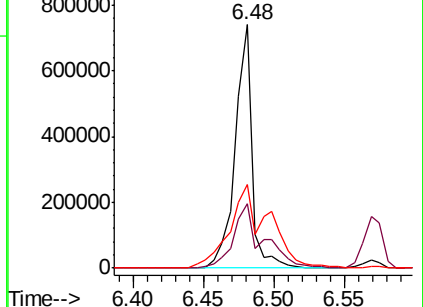
66 34.2 16.5 56.5

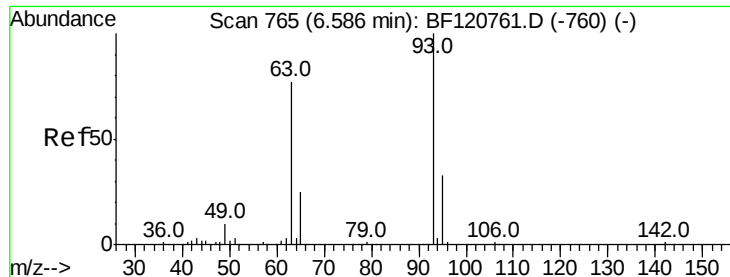


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

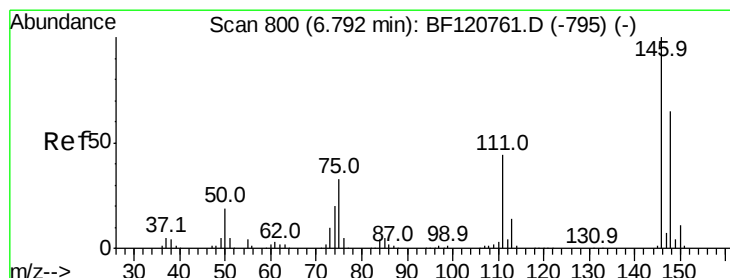
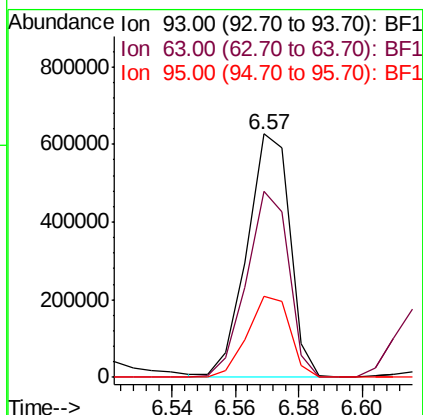
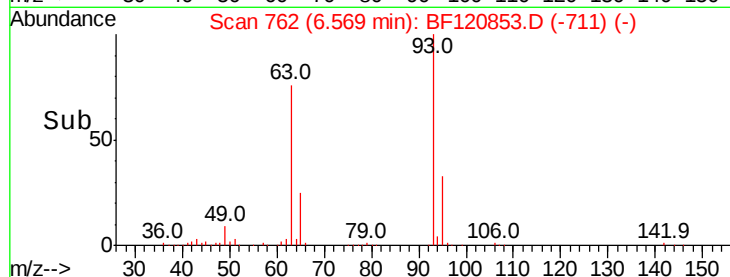
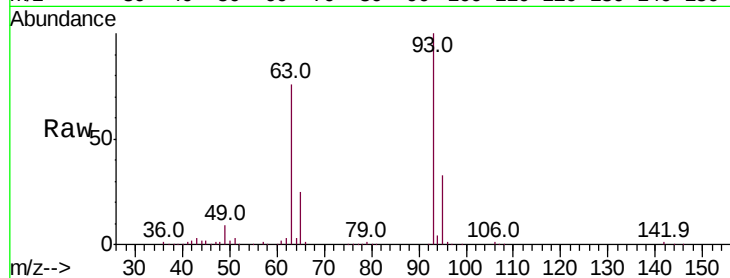




#11
 bis(2-Chloroethyl)ether
 Concen: 44.741 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

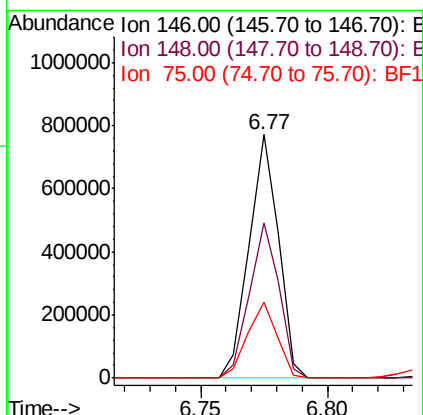
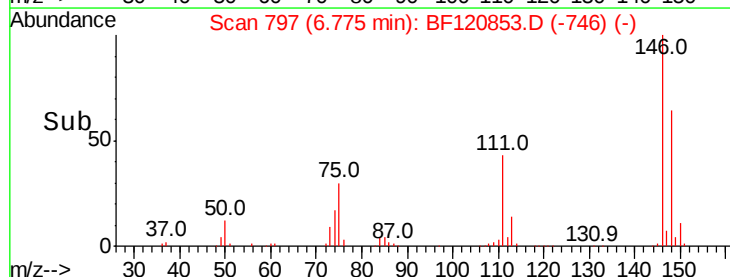
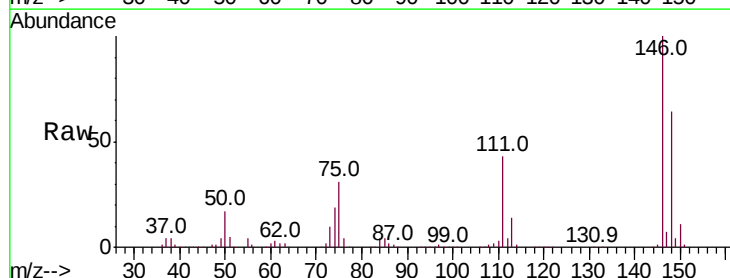
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

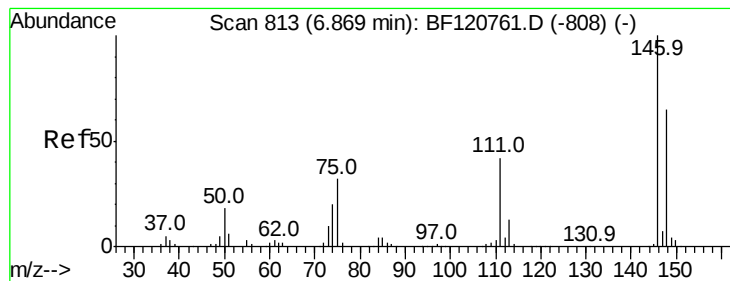
Tot Ion: 93 Resp: 590219
 Ion Ratio Lower Upper
 93 100
 63 76.4 56.9 96.9
 95 33.3 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 43.141 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion: 146 Resp: 623876
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.1 78.1
 75 31.1 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 43.682 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

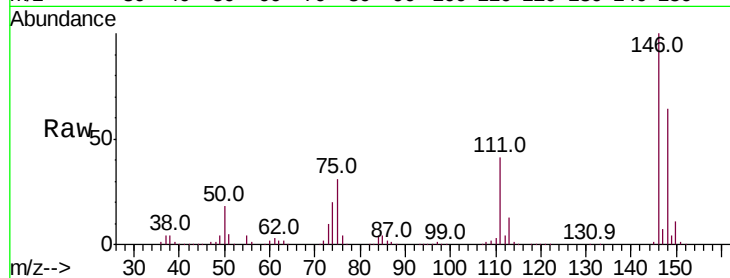
Tot Ion:146 Resp: 632703

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

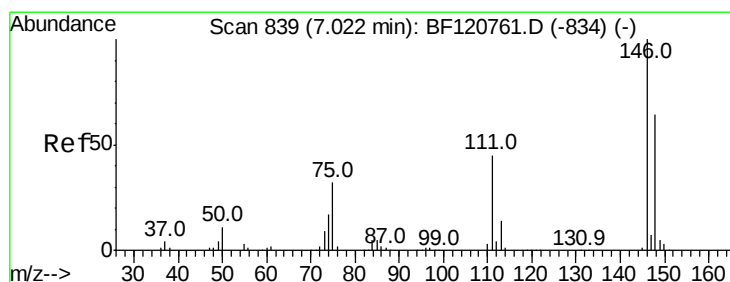
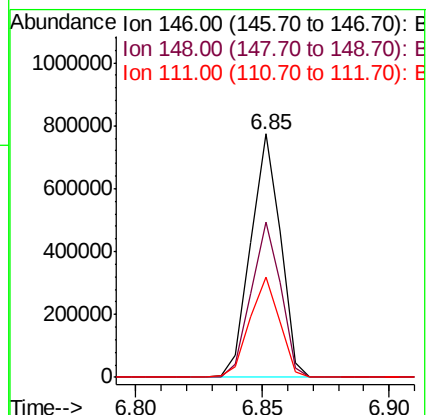
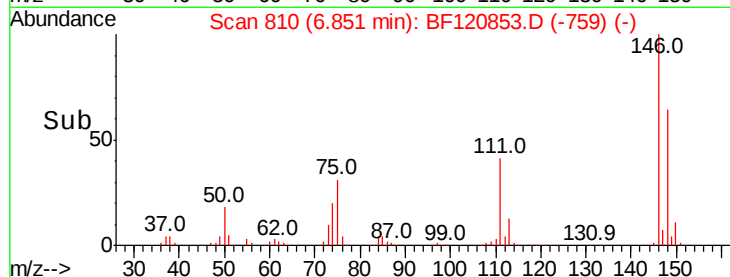
111 41.0 33.7 50.5



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: 41.795 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

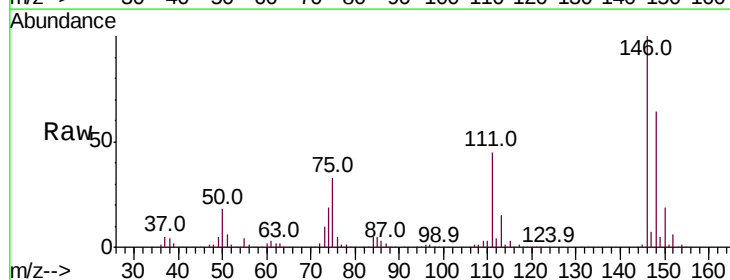
Tgt Ion:146 Resp: 575954

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

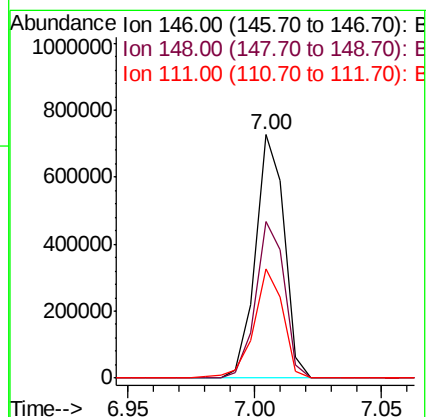
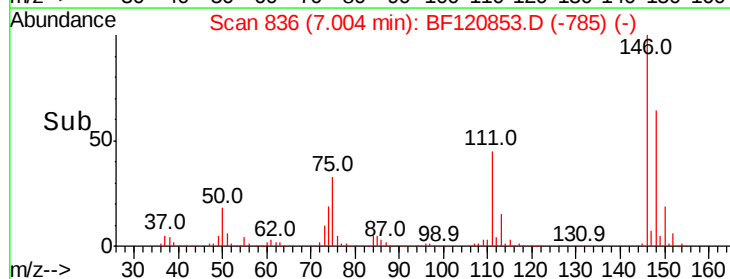
111 44.9 35.7 53.5

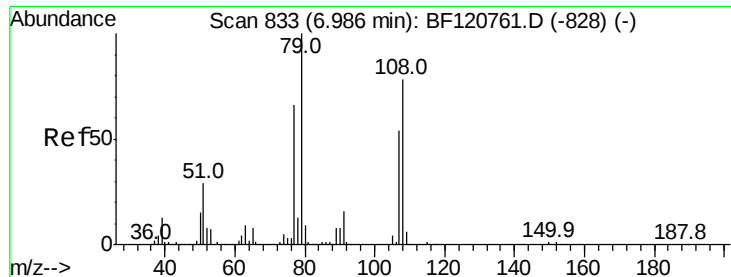


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.903 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

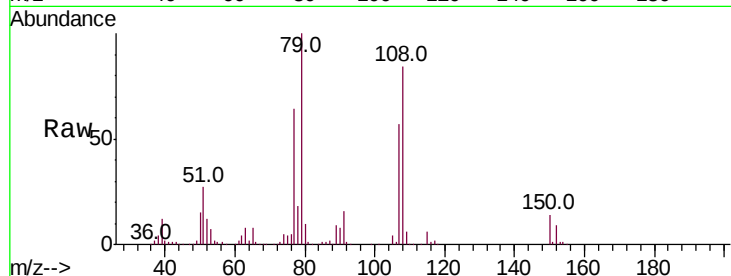
Tot Ion: 79 Resp: 484316

Ion Ratio Lower Upper

79 100

108 84.0 62.4 93.6

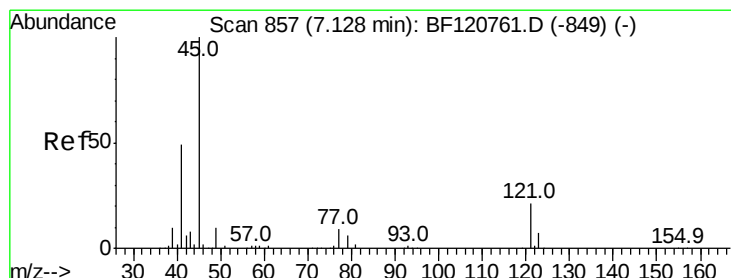
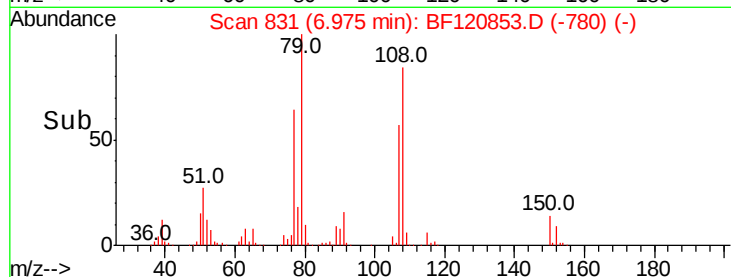
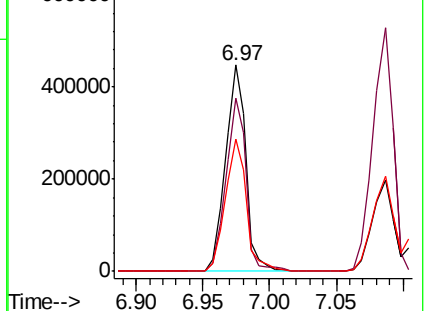
77 64.2 52.7 79.1



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: 40.500 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

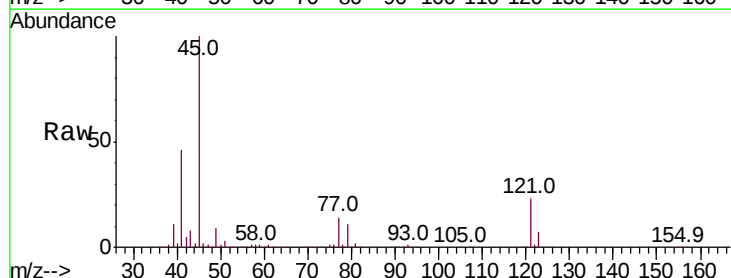
Tgt Ion: 45 Resp: 833357

Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.7

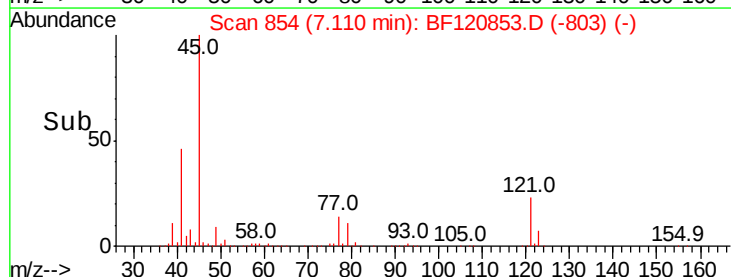
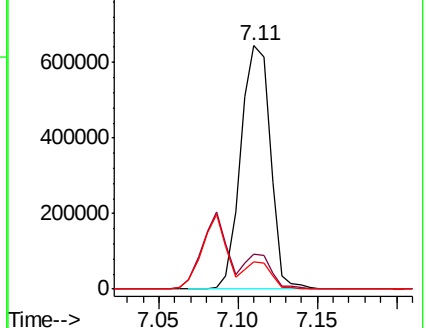
79 11.0 0.0 30.5

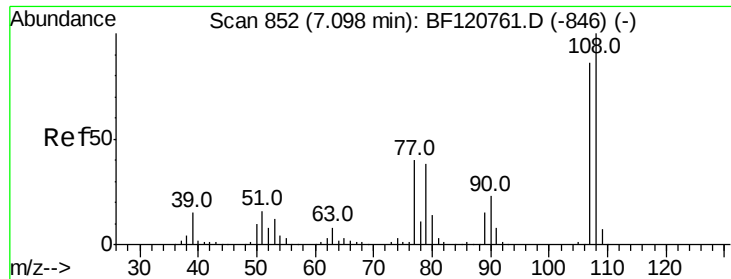


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

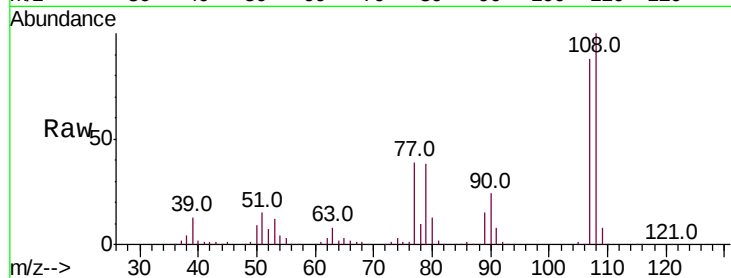




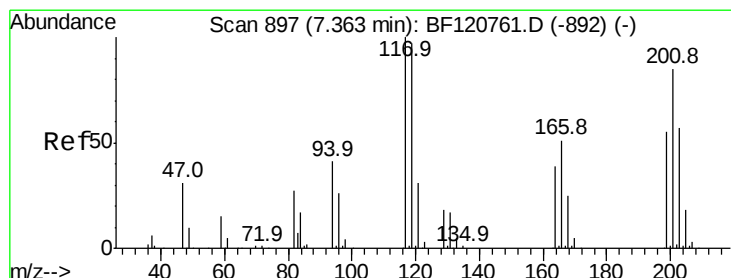
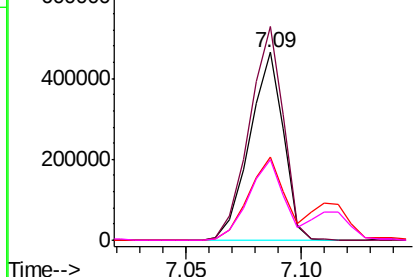
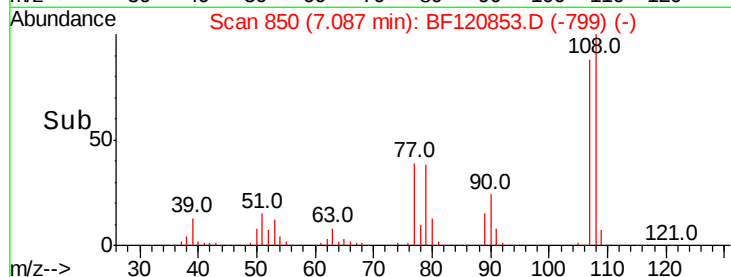
#17
2-Methylphenol
Concen: 40.493 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:	107	Resp:	475942
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.1	139.7
77	44.3	37.3	55.9
79	42.7	35.3	52.9

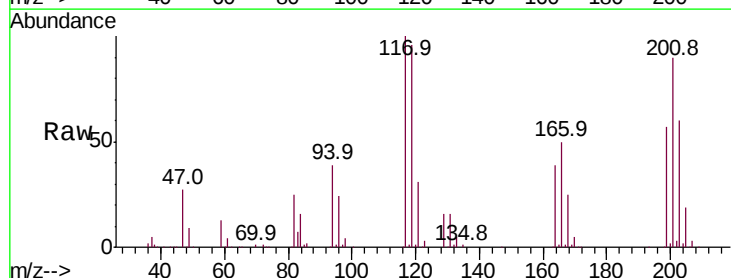


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

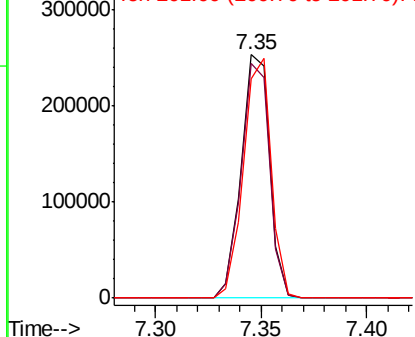
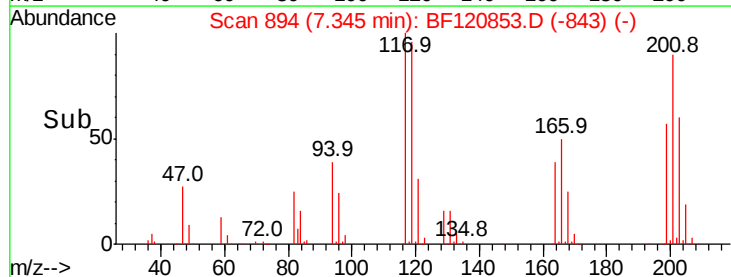


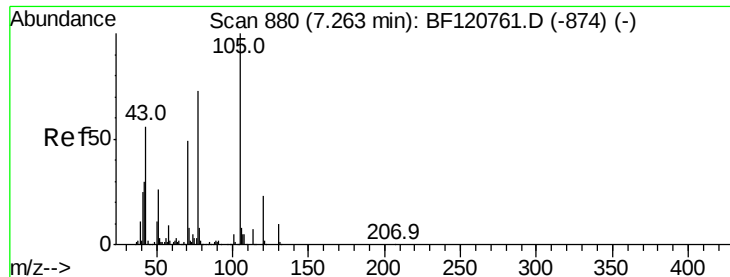
#18
Hexachloroethane
Concen: 43.399 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:	117	Resp:	236265
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.9	116.9
201	89.9	68.3	102.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

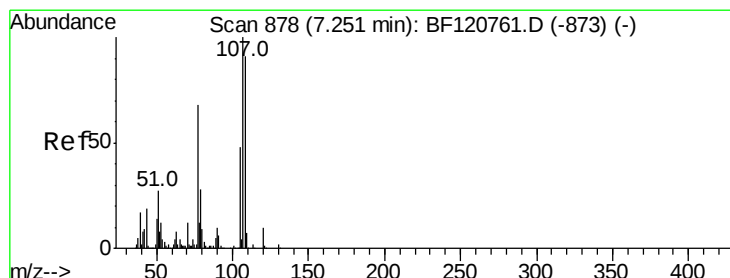
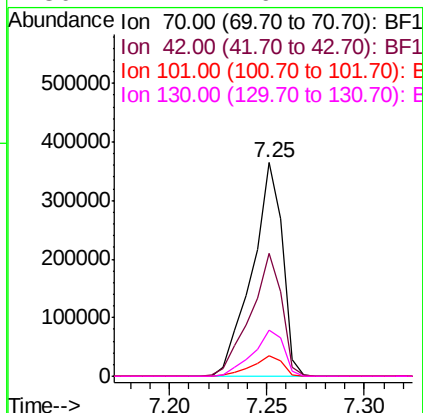
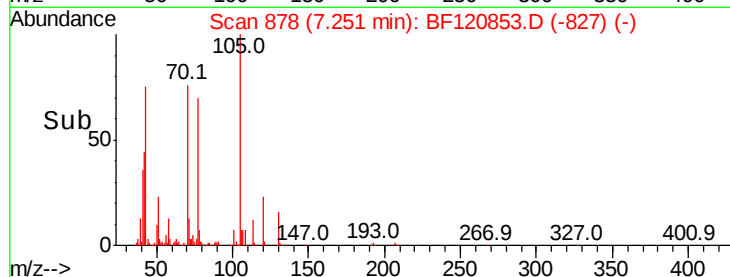
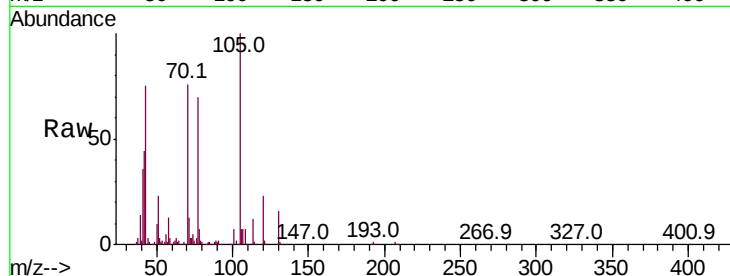




#19
n-Nitroso-di-n-propylamine
Concen: 41.437 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

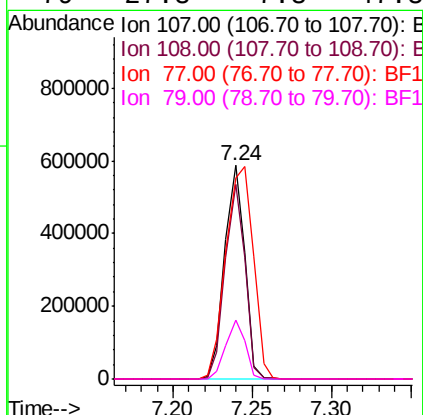
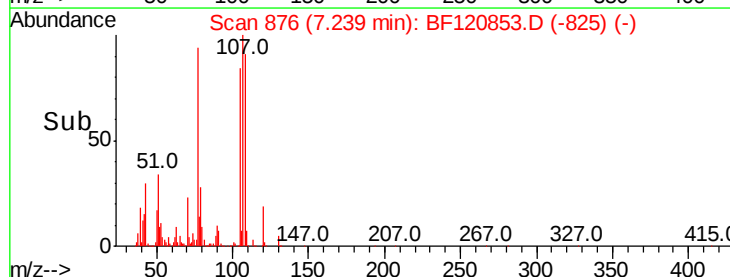
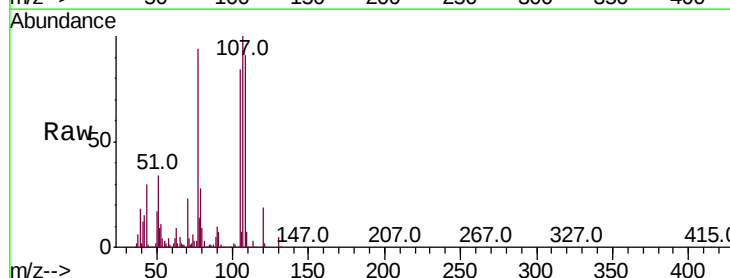
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

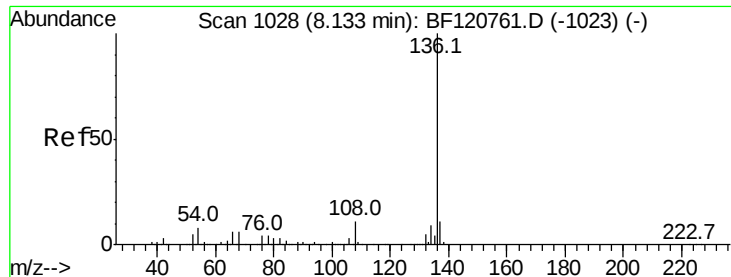
Tot Ion:	70	Resp:	393185
Ion	Ratio	Lower	Upper
70	100		
42	57.7	50.3	75.5
101	9.8	7.5	11.3
130	21.7	16.1	24.1



#20
3+4-Methylphenols
Concen: 35.678 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:	107	Resp:	516485
Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.9	110.9
77	94.1	48.3	88.3#
79	27.8	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: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

Tot Ion:136 Resp: 718435

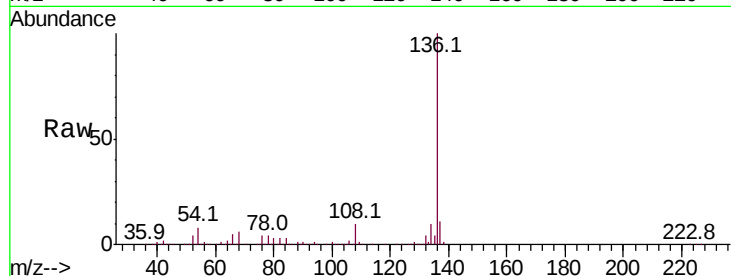
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 7.7 6.2 9.4

68 6.0 4.7 7.1

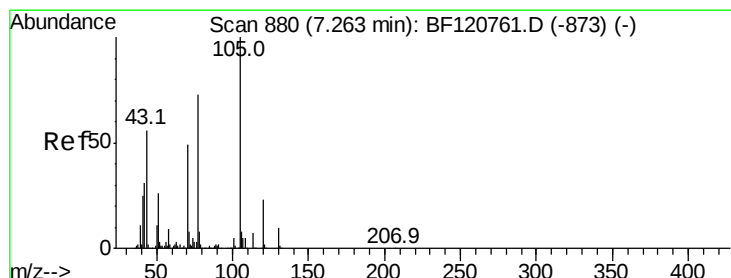
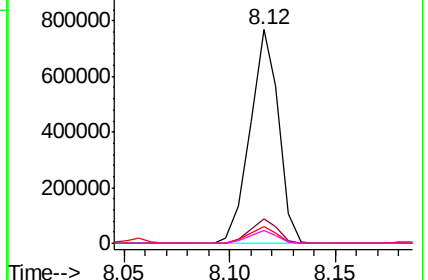
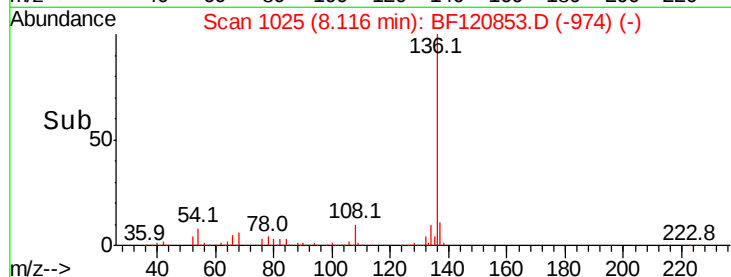


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.567 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Tgt Ion:105 Resp: 742293

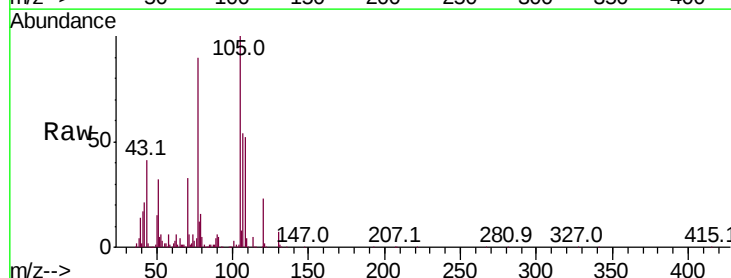
Ion Ratio Lower Upper

105 100

71 5.7 6.5 9.7#

51 32.0 21.0 31.4#

120 22.6 18.6 28.0

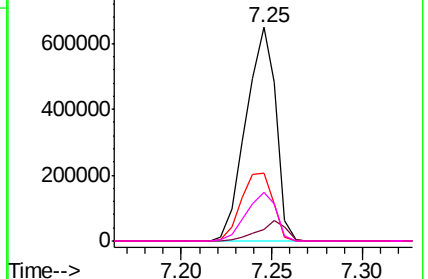
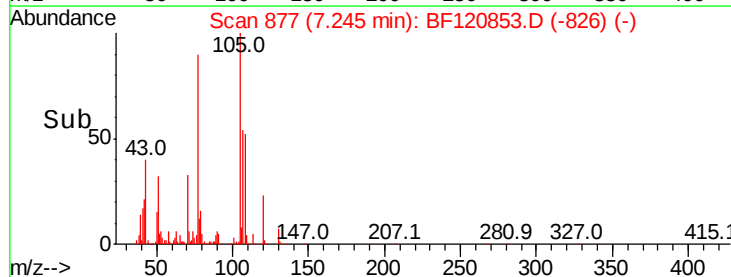


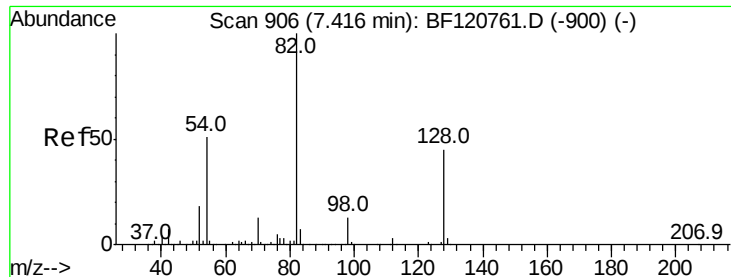
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 100.157 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

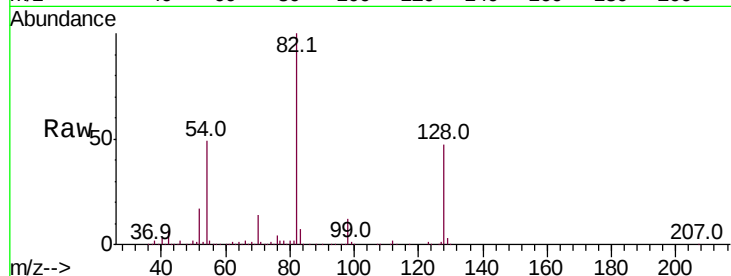
Tot Ion: 82 Resp: 1241965

Ion Ratio Lower Upper

82 100

128 47.1 35.7 53.5

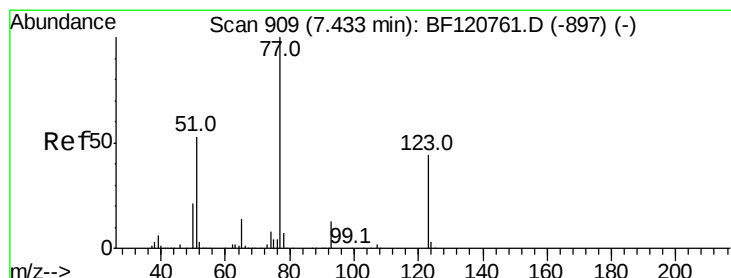
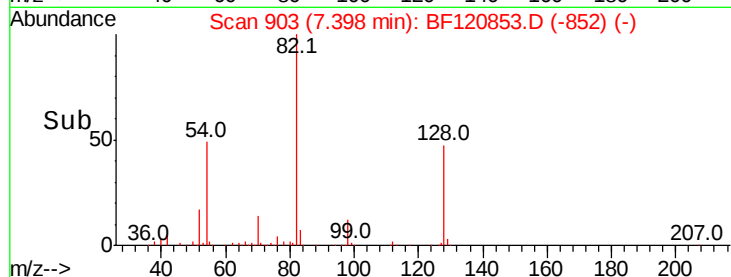
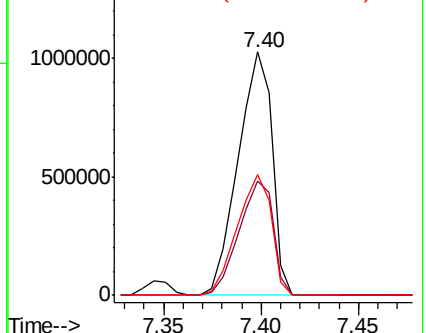
54 49.5 40.9 61.3



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: 45.607 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

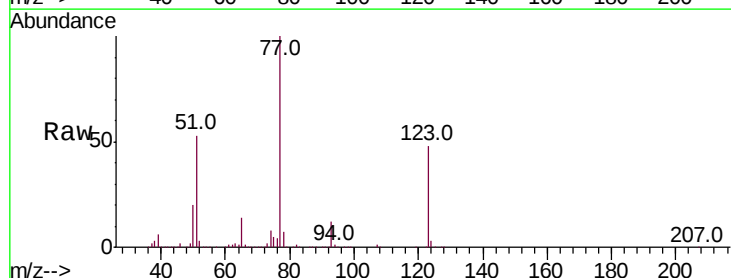
Tgt Ion: 77 Resp: 634979

Ion Ratio Lower Upper

77 100

123 48.3 36.1 54.1

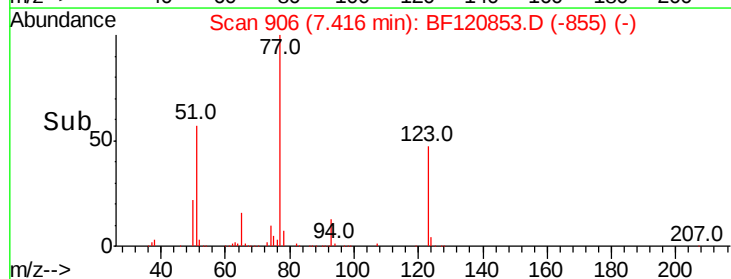
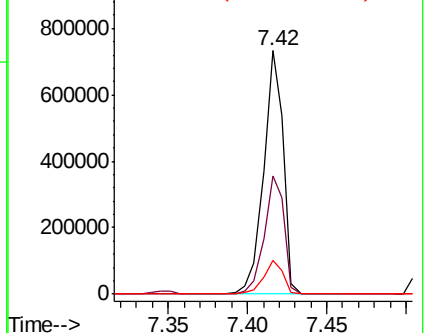
65 13.8 11.0 16.4

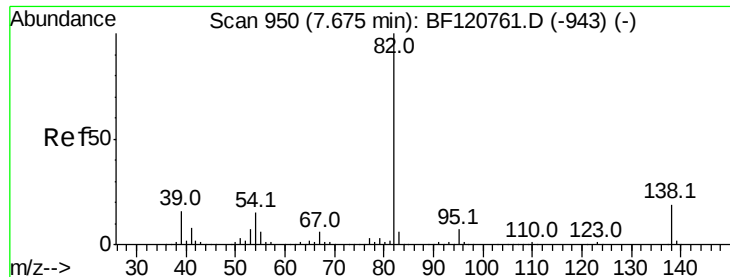


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.848 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

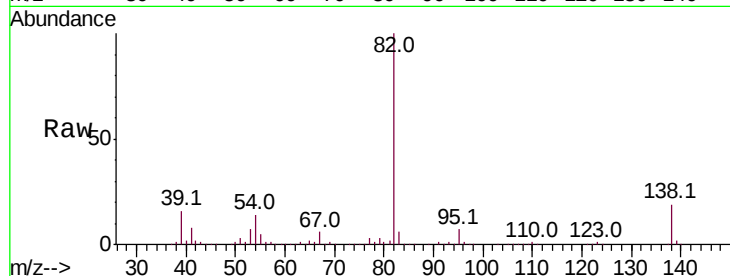
Tot Ion: 82 Resp: 1145833

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

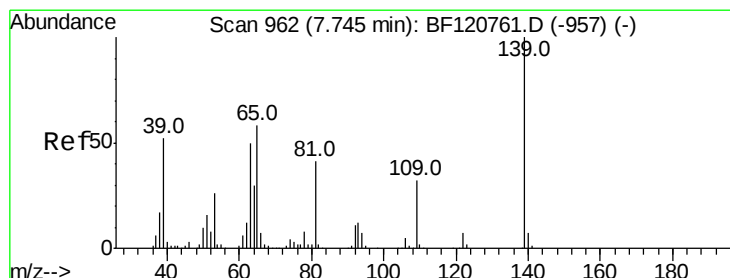
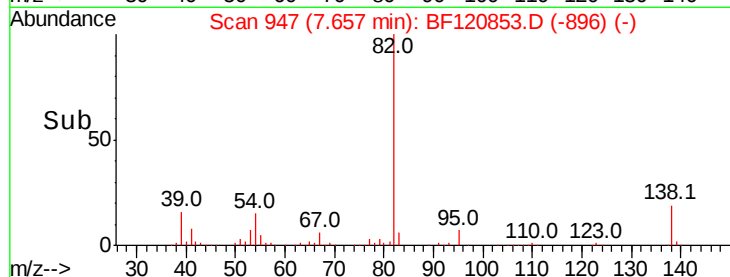
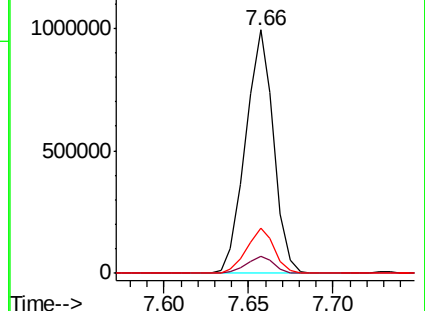
138 18.6 15.0 22.4



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: 53.161 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

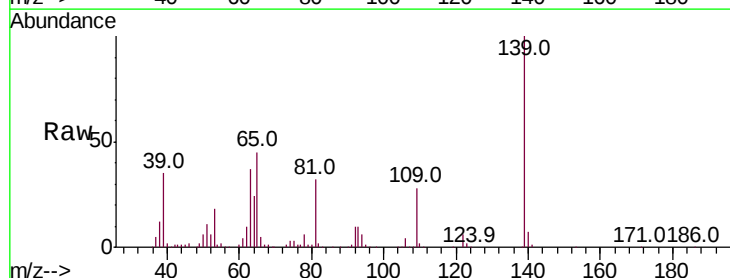
Tgt Ion:139 Resp: 313882

Ion Ratio Lower Upper

139 100

109 27.5 25.3 37.9

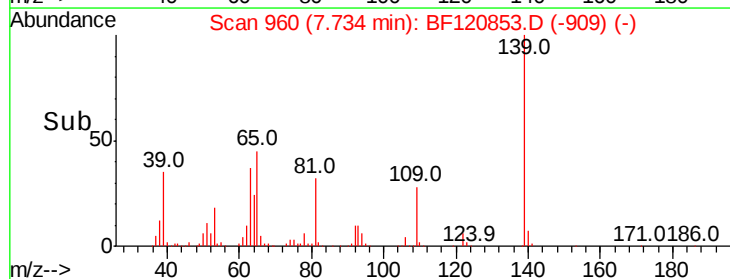
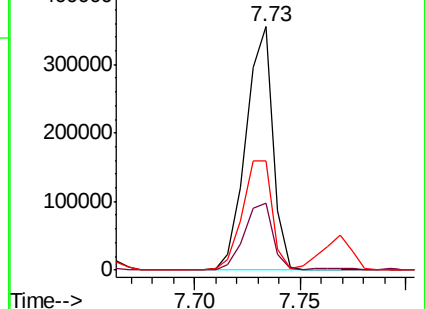
65 44.9 46.2 69.2#

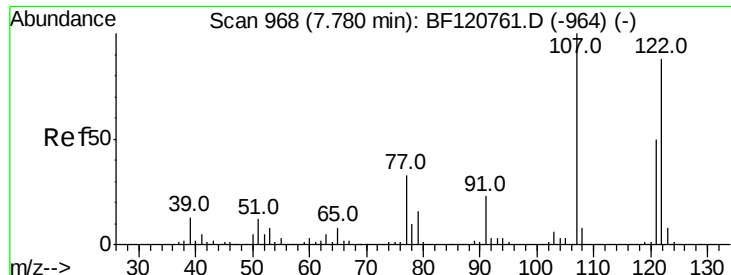


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

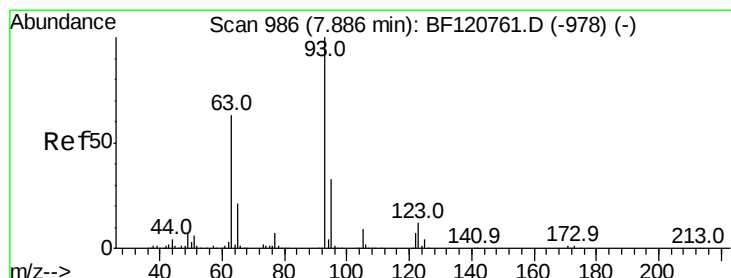
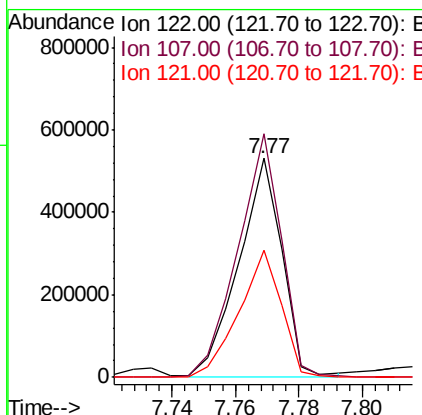
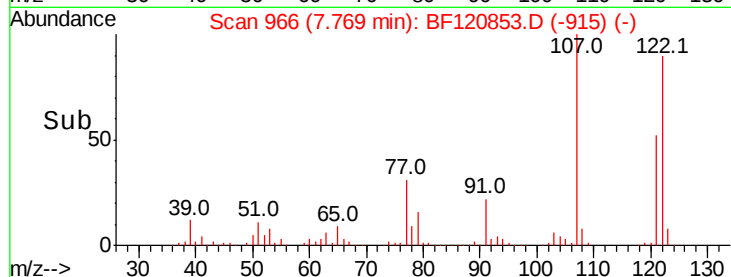
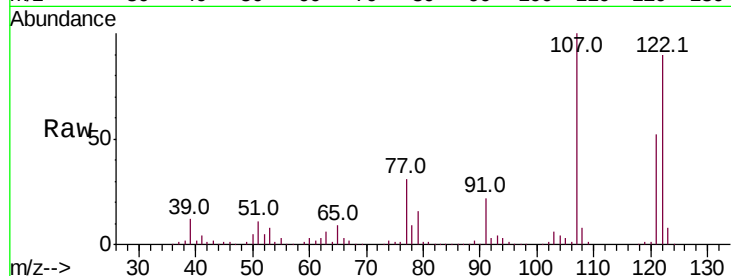




#27
 2,4-Dimethylphenol
 Concen: 47.098 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

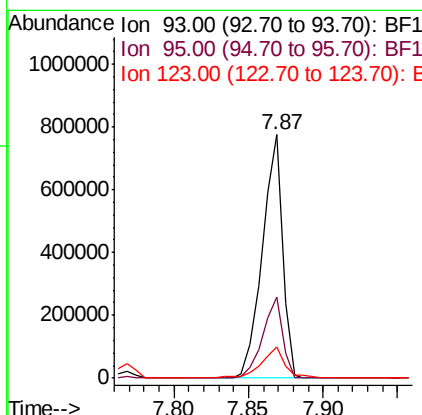
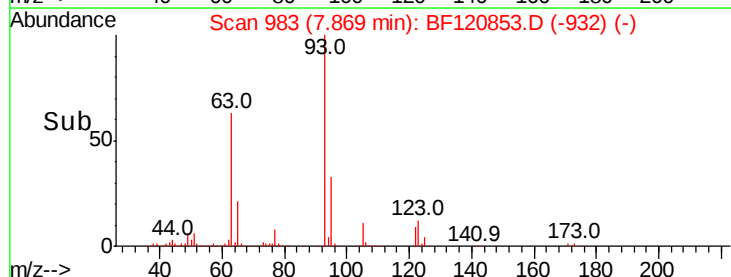
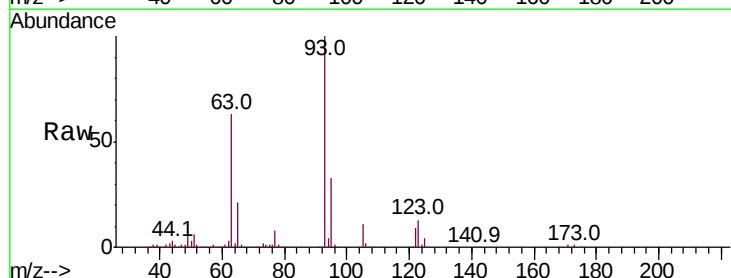
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

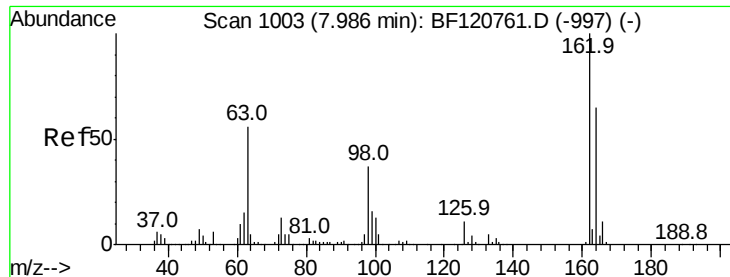
Tot Ion:122 Resp: 502778
 Ion Ratio Lower Upper
 122 100
 107 111.3 90.7 136.1
 121 57.9 45.4 68.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.498 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion: 93 Resp: 720098
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.4 39.6
 123 12.5 10.2 15.2

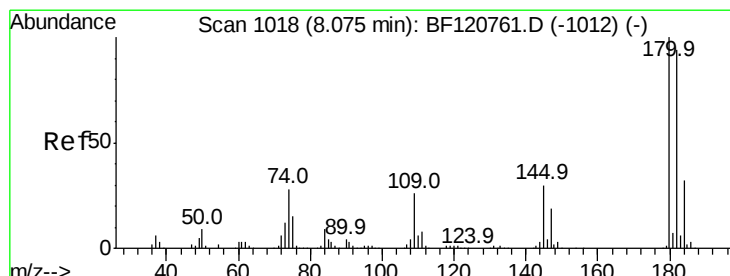
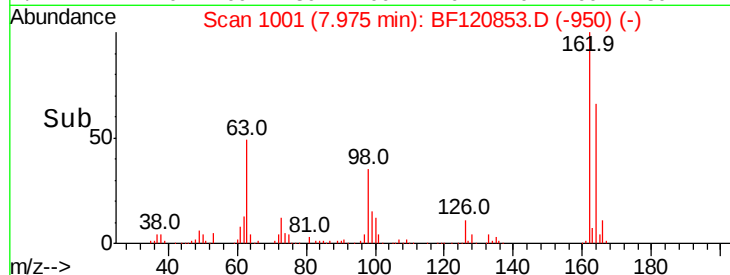
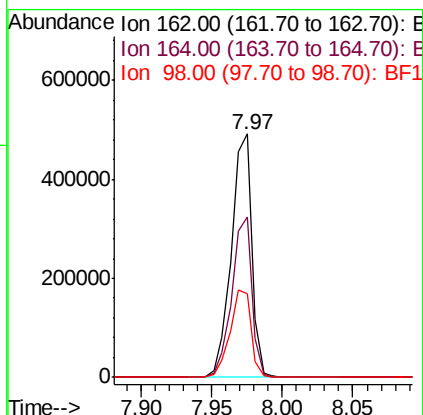
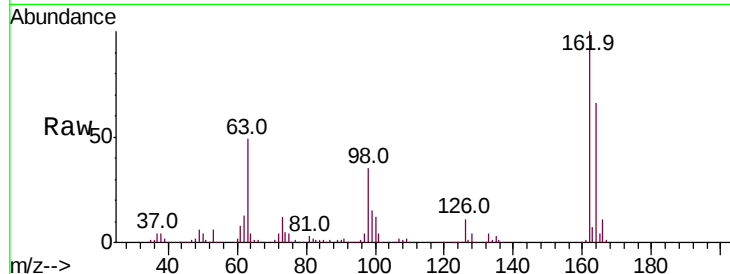




#29
 2,4-Dichlorophenol
 Concen: 46.597 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

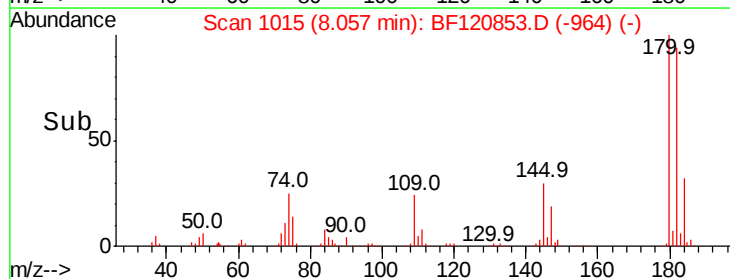
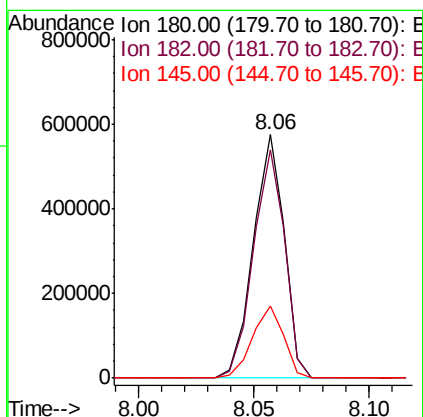
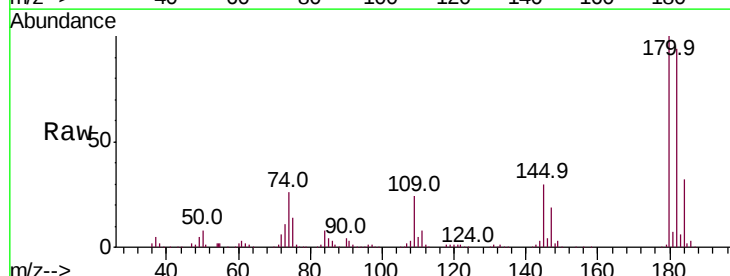
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

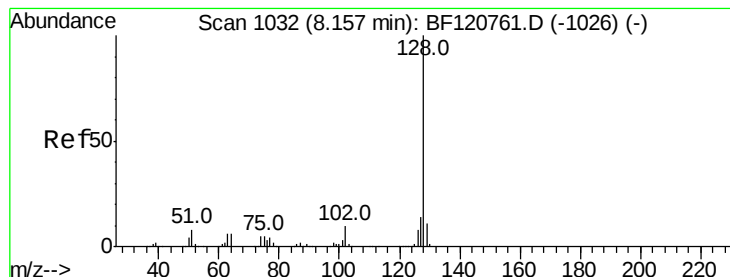
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.2	85.2
98	34.6	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.037 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.5	113.3
145	29.8	24.1	36.1





#31

Naphthalene

Concen: 43.266 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

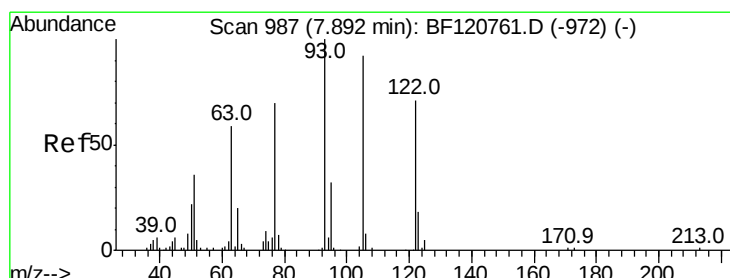
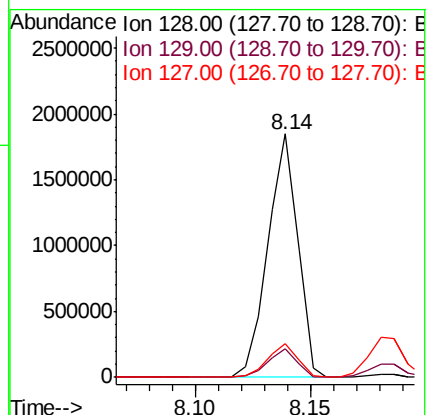
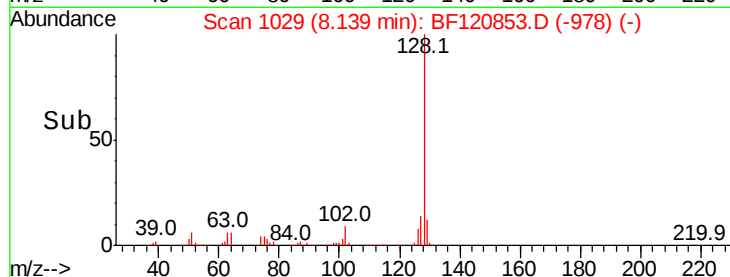
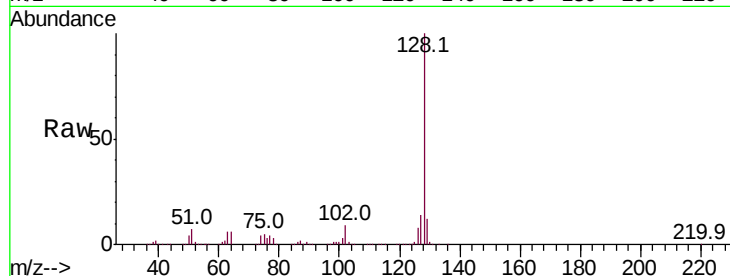
Tot Ion:128 Resp: 1661183

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 14.1 11.1 16.7



#32

Benzoic acid

Concen: 43.505 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

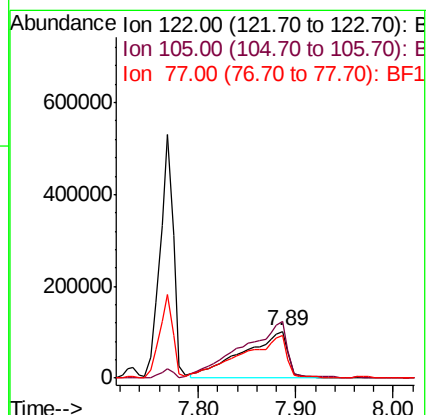
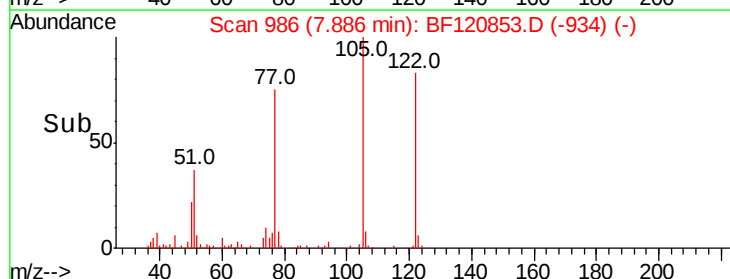
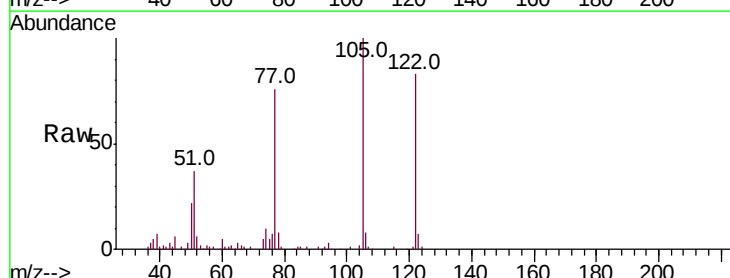
Tgt Ion:122 Resp: 325112

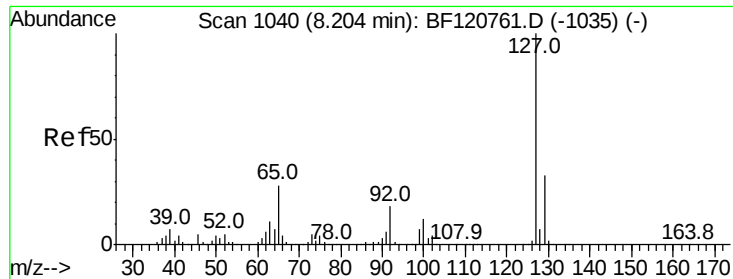
Ion Ratio Lower Upper

122 100

105 119.8 105.8 145.8

77 91.4 77.3 117.3

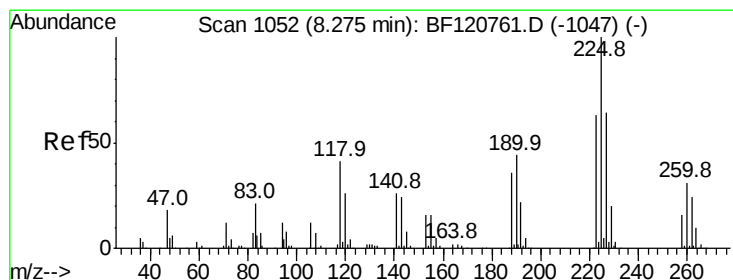
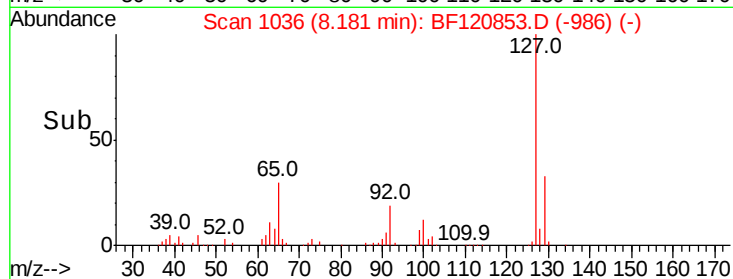
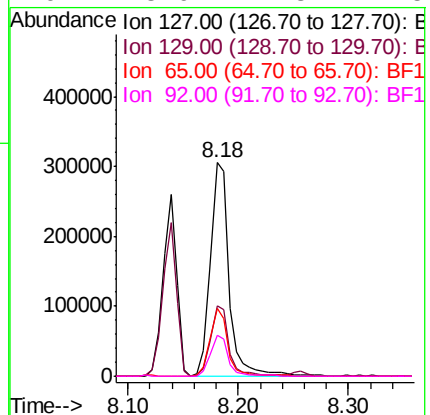
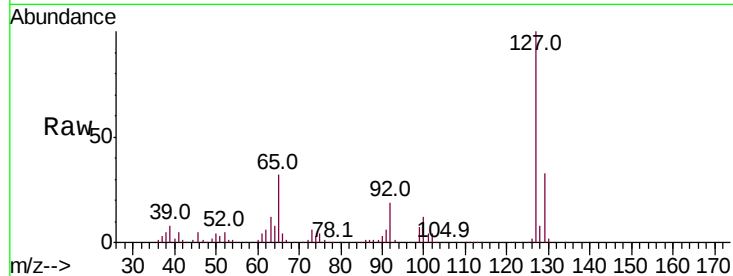




#33
4-Chloroaniline
Concen: 21.403 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

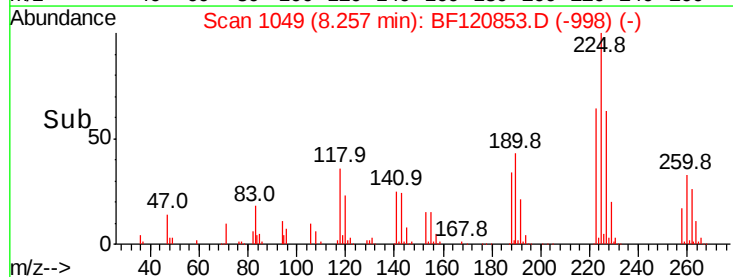
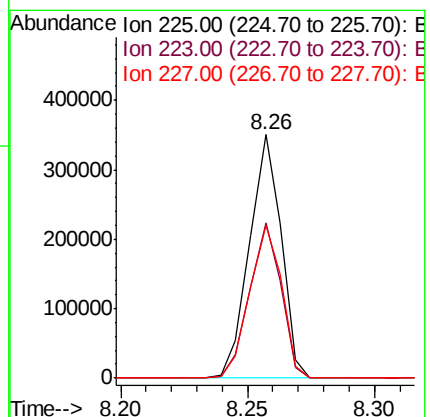
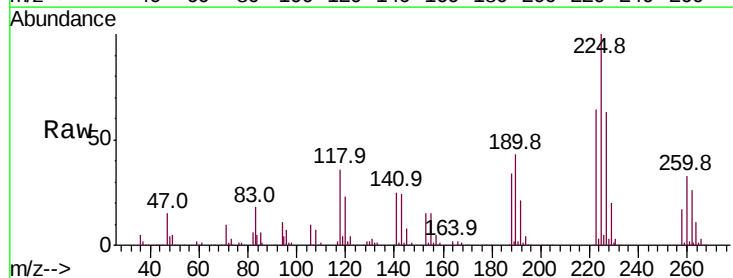
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

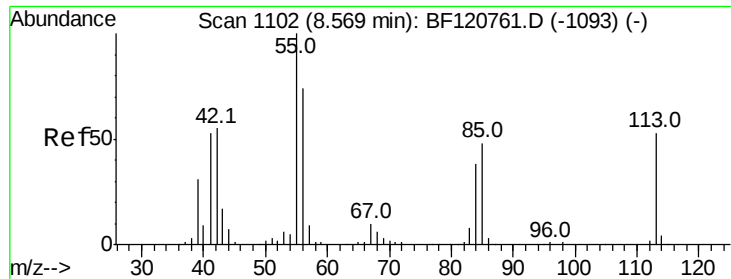
Tot Ion:	127	Resp:	348714
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	31.5	22.7	34.1
92	18.9	14.3	21.5



#34
Hexachlorobutadiene
Concen: 42.532 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:	225	Resp:	306185
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.5	51.4	77.2

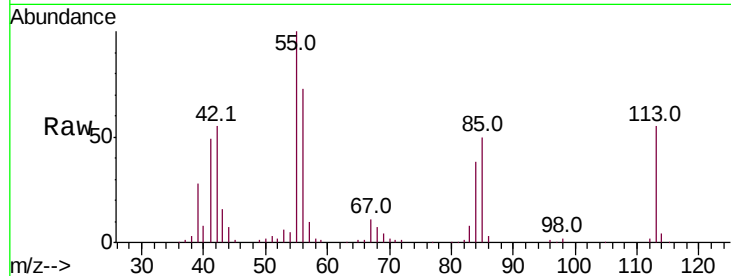




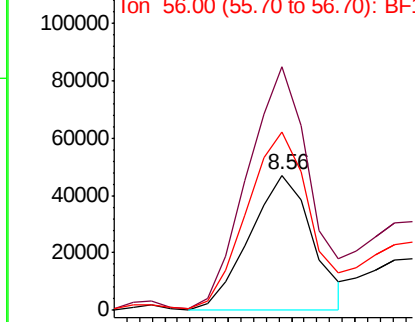
#35
Caprolactam
Concen: 20.655 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

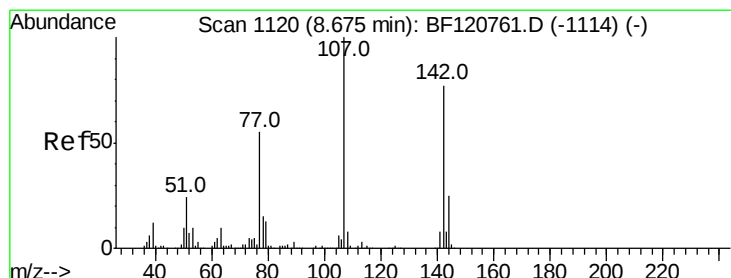
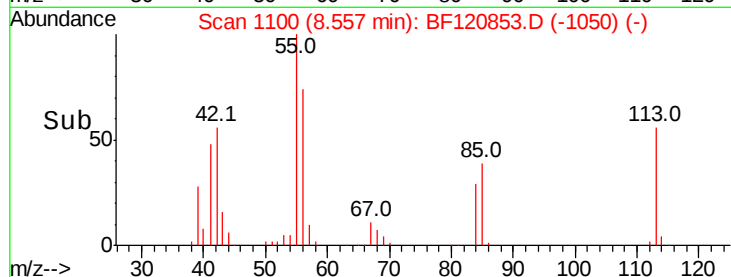
Tot Ion:113 Resp: 64138
Ion Ratio Lower Upper
113 100
55 180.3 168.3 208.3
56 131.8 118.8 158.8



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

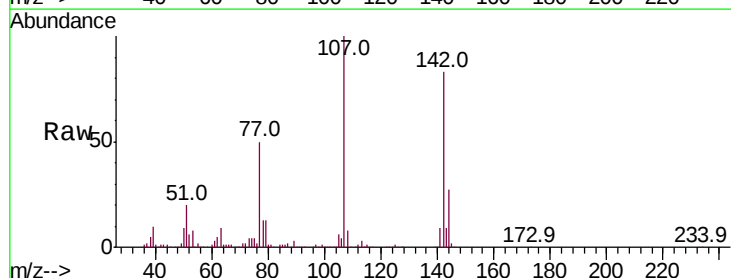


Time-->

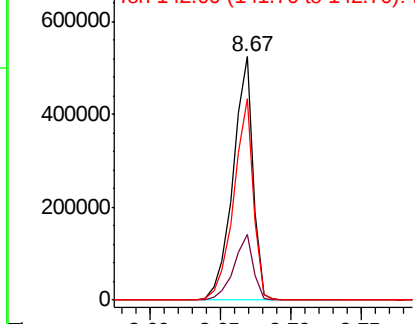


#36
4-Chloro-3-methylphenol
Concen: 46.641 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

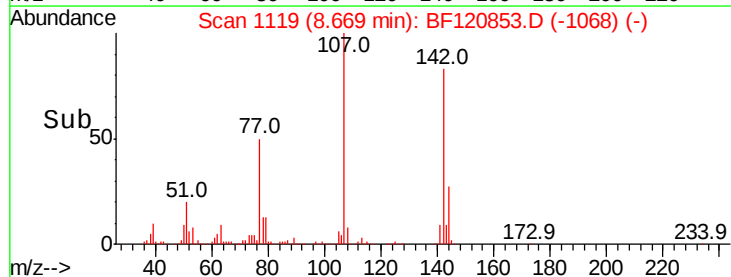
Tgt Ion:107 Resp: 517049
Ion Ratio Lower Upper
107 100
144 27.0 19.7 29.5
142 82.8 61.2 91.8

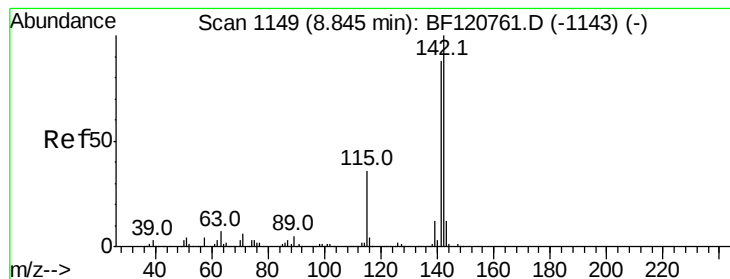


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 44.994 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

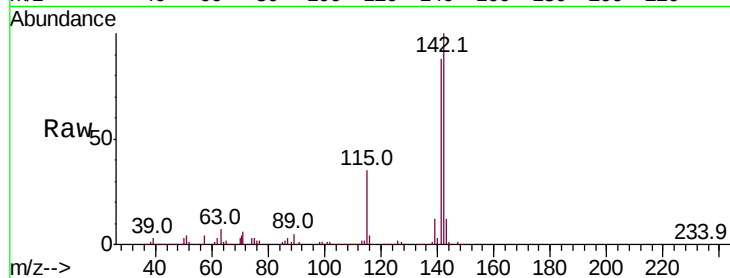
Tot Ion:142 Resp: 1123021

Ion Ratio Lower Upper

142 100

141 88.4 70.2 105.4

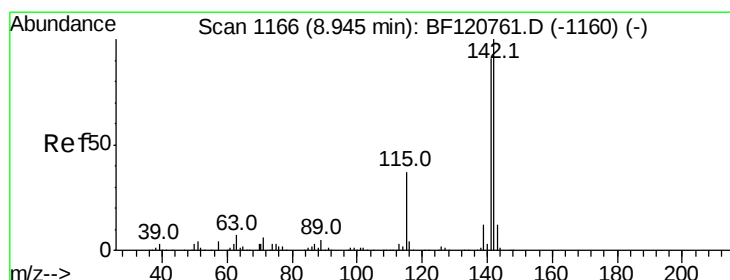
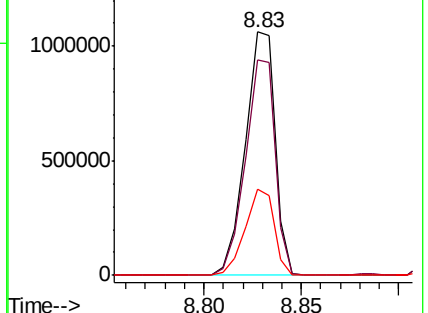
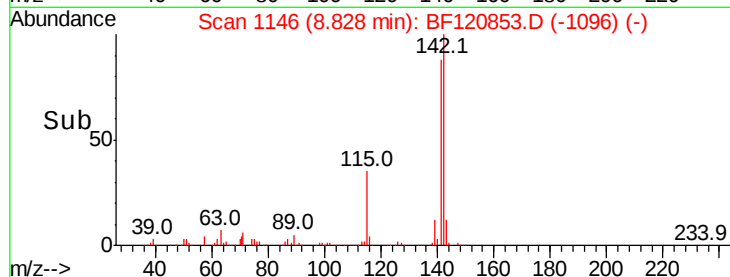
115 35.5 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.929 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

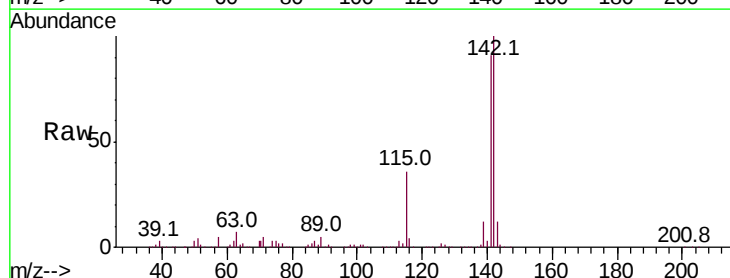
Tgt Ion:142 Resp: 1073791

Ion Ratio Lower Upper

142 100

141 91.2 72.5 108.7

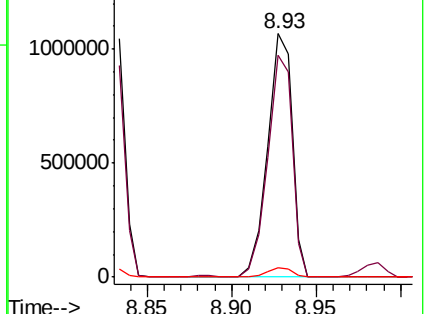
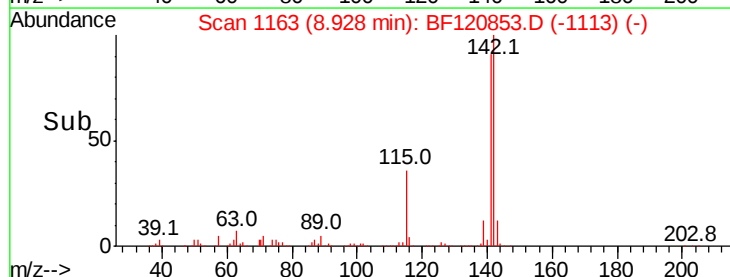
116 3.8 3.1 4.7

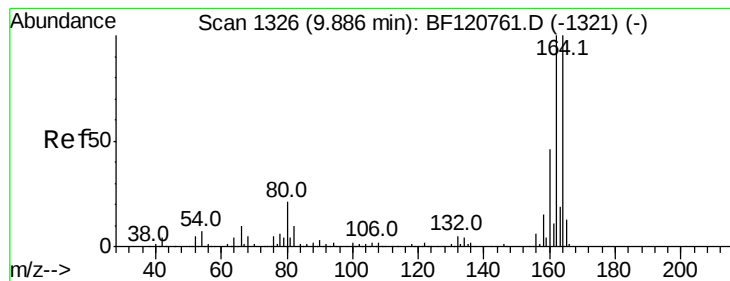


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

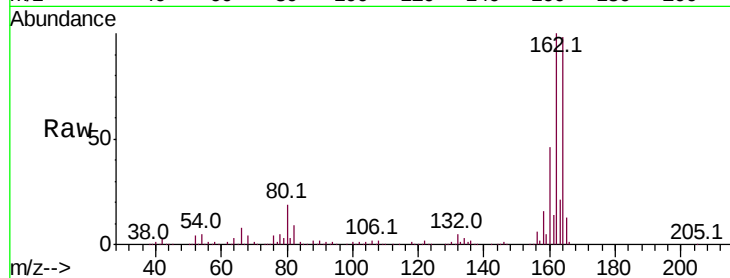
Tot Ion:164 Resp: 362446

Ion Ratio Lower Upper

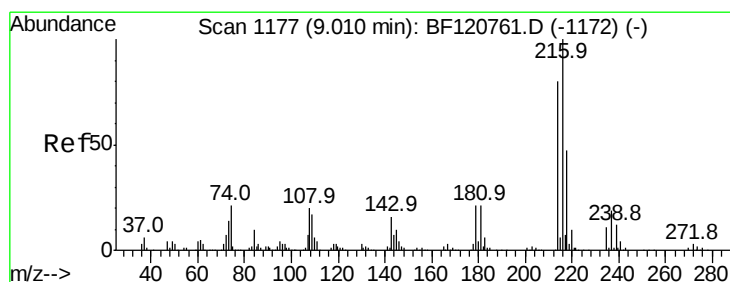
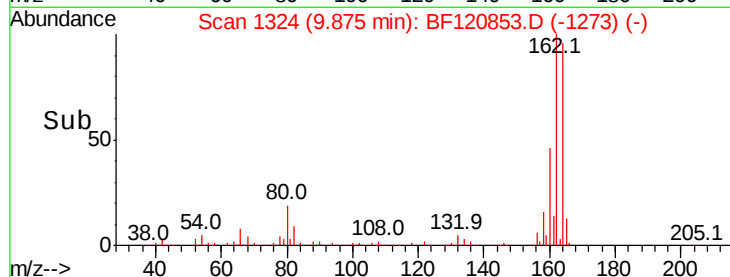
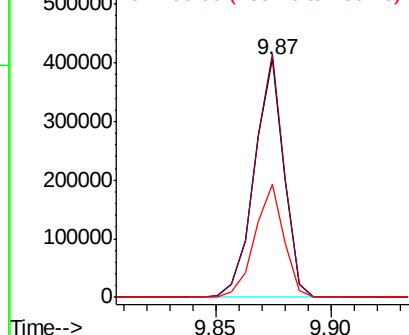
164 100

162 102.1 80.2 120.2

160 47.3 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: 43.511 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Tgt Ion:216 Resp: 476618

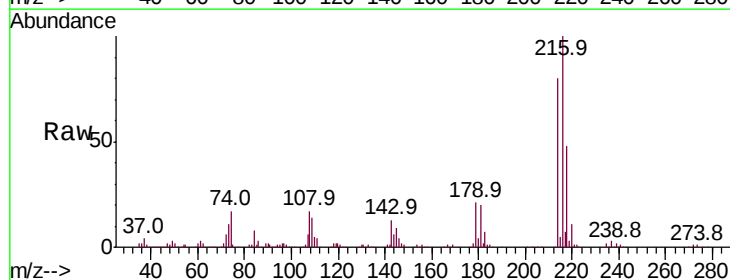
Ion Ratio Lower Upper

216 100

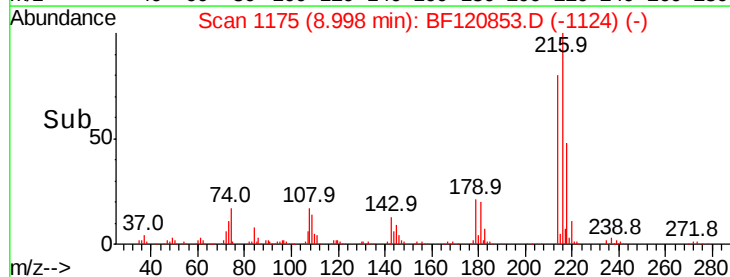
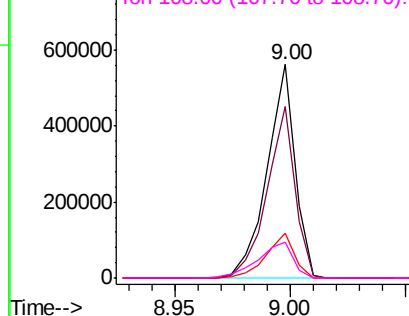
214 80.0 63.7 95.5

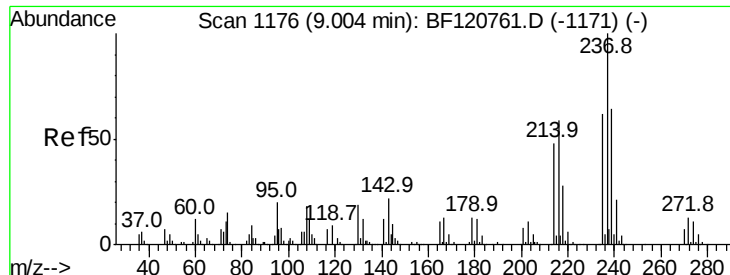
179 21.1 16.7 25.1

108 21.3 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: 73.786 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

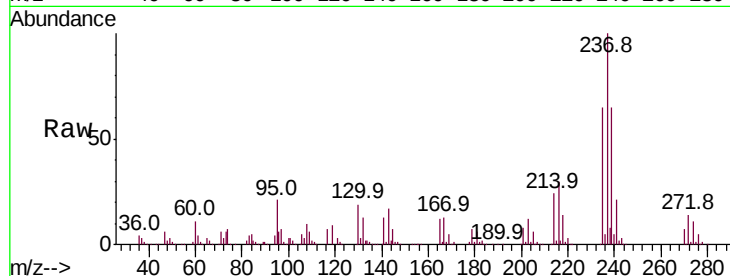
Tot Ion:237 Resp: 477546

Ion Ratio Lower Upper

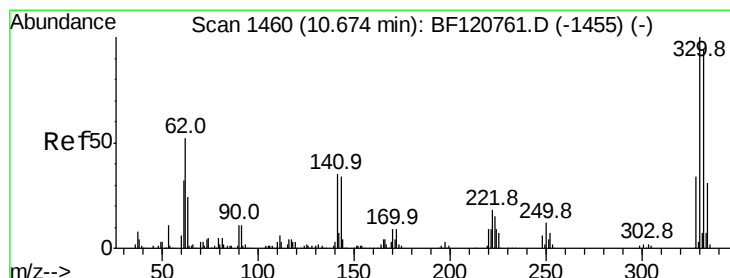
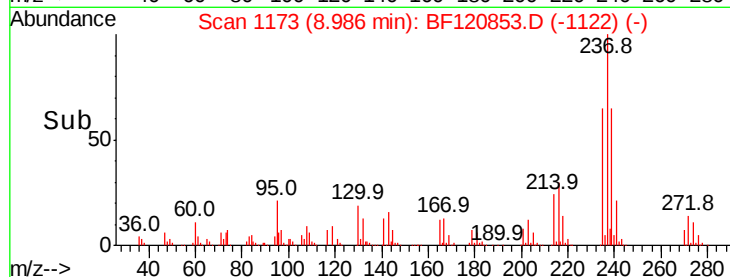
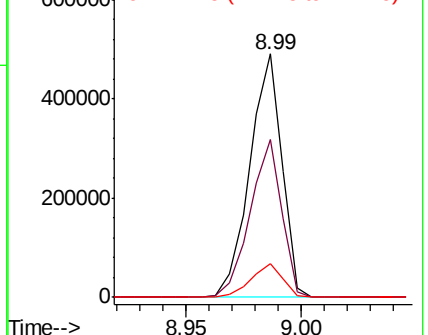
237 100

235 64.8 42.1 82.1

272 14.0 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: 143.974 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

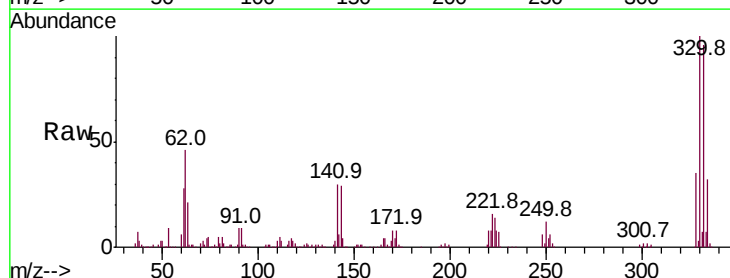
Tgt Ion:330 Resp: 524252

Ion Ratio Lower Upper

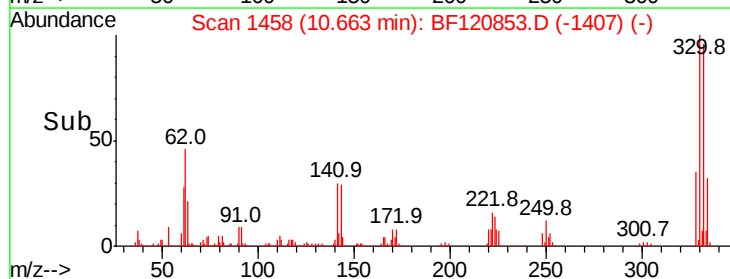
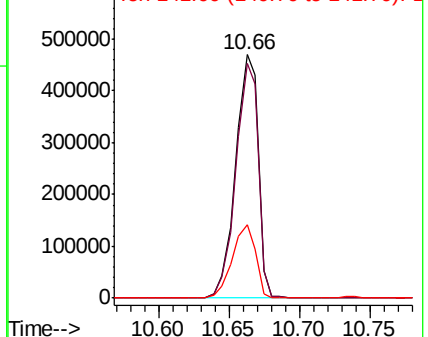
330 100

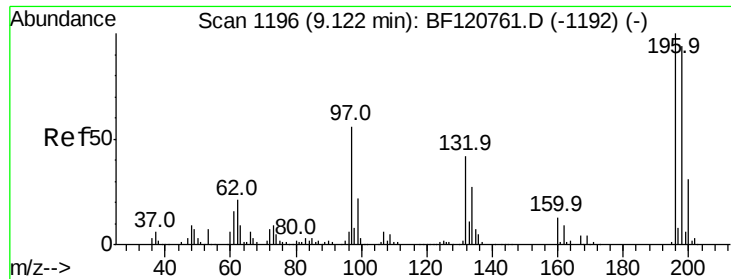
332 95.6 75.8 113.6

141 31.1 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

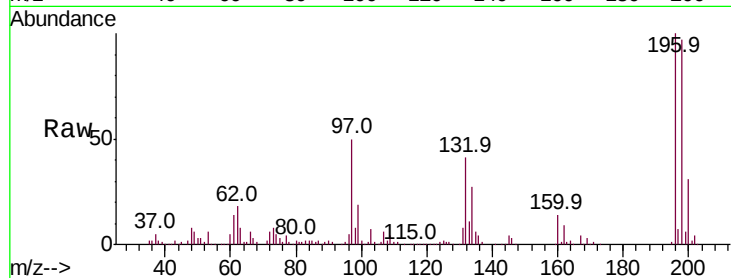




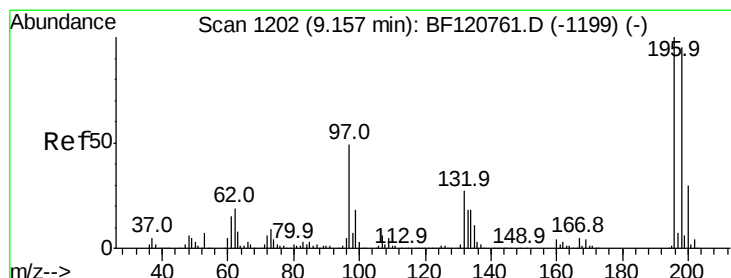
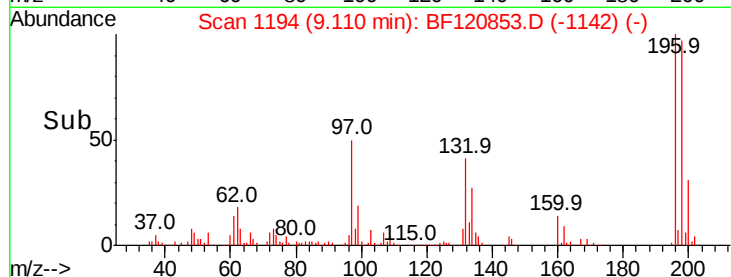
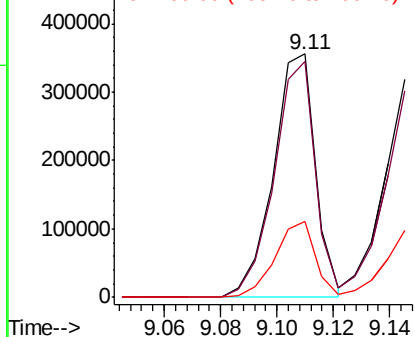
#43
 2,4,6-Trichlorophenol
 Concen: 49.301 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

Tot Ion:196 Resp: 367992
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.3 112.9
 200 31.3 24.4 36.6

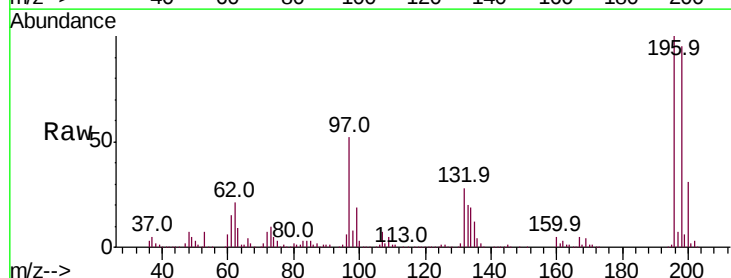


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

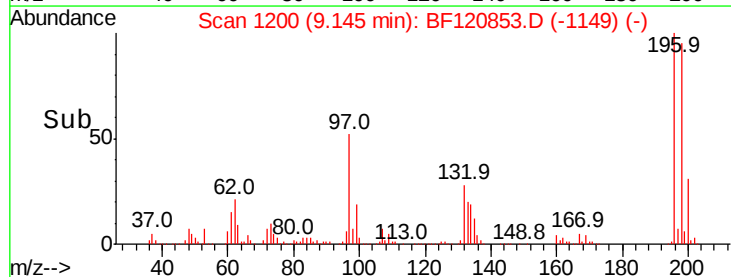
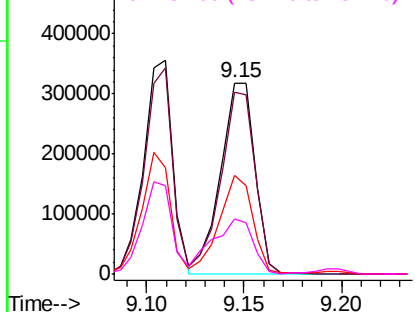


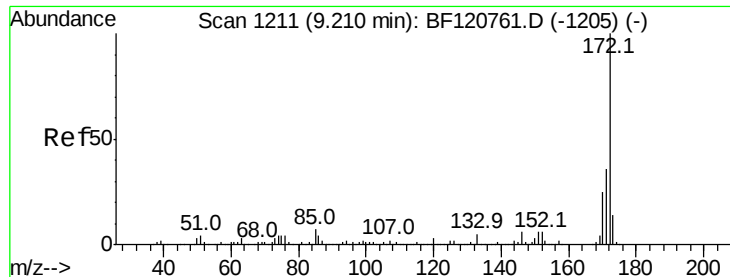
#44
 2,4,5-Trichlorophenol
 Concen: 47.204 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion:196 Resp: 391019
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 97 51.8 39.6 59.4
 132 28.5 22.0 33.0



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

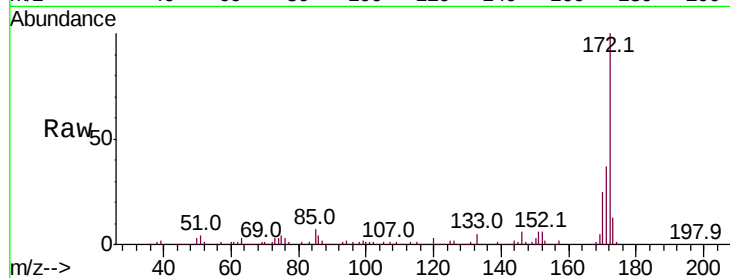




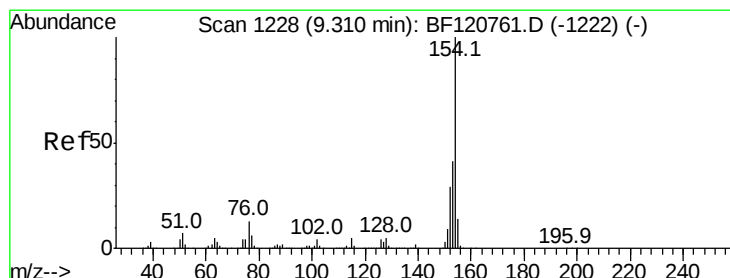
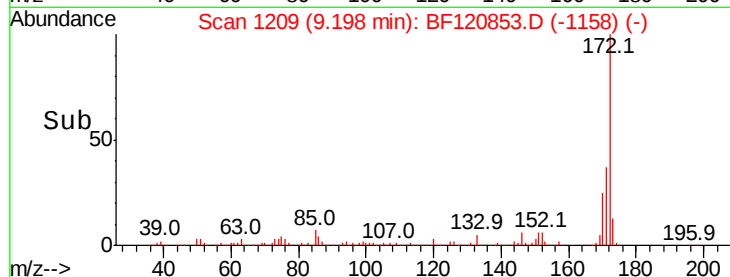
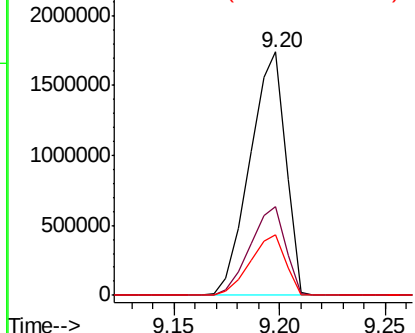
#45
2-Fluorobiphenyl
Concen: 85.213 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:172 Resp: 2041380
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.8 19.8 29.6

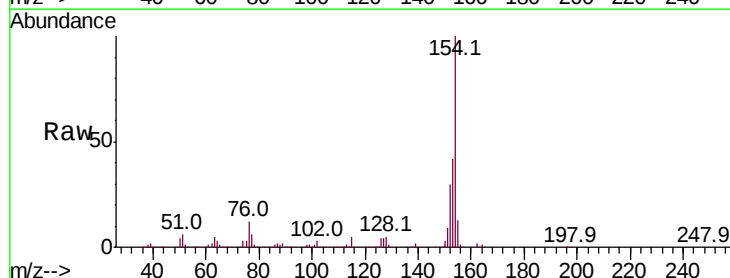


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

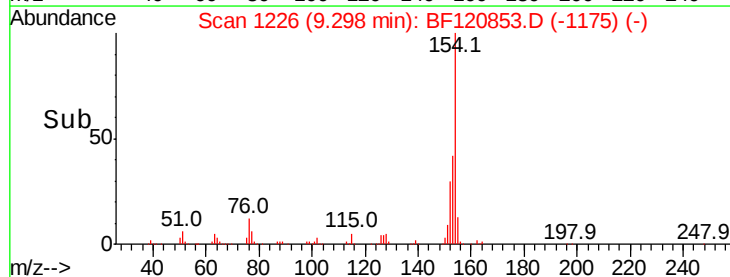
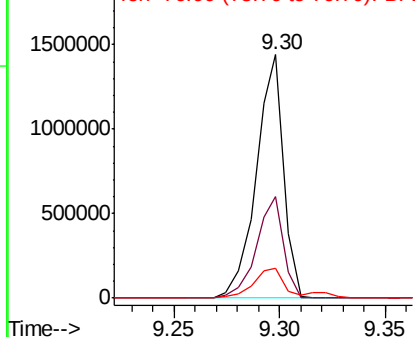


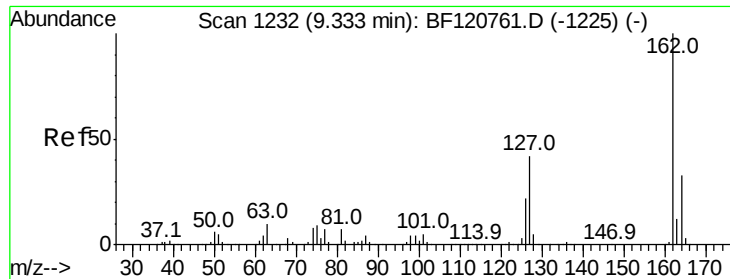
#46
1,1'-Biphenyl
Concen: 44.143 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:154 Resp: 1290576
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 12.4 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

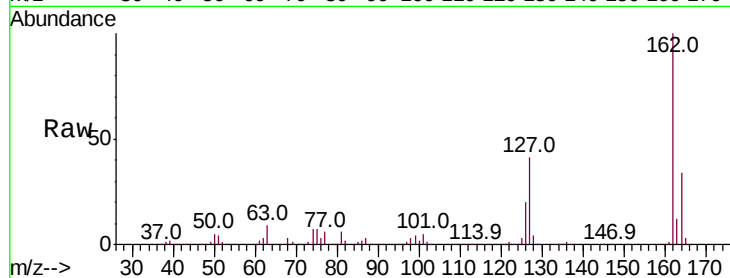




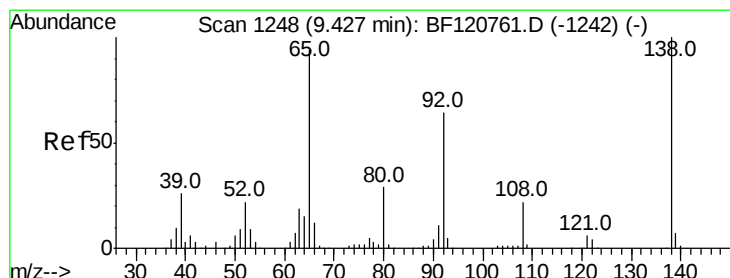
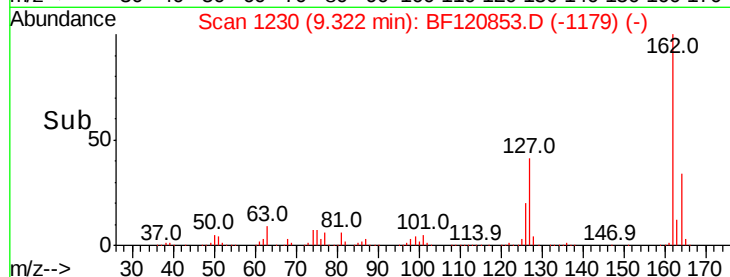
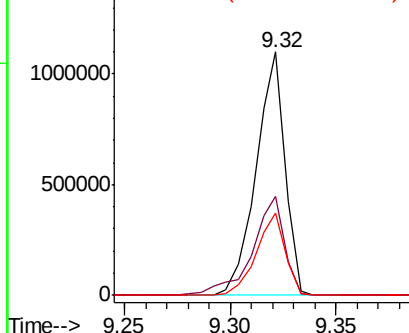
#47
 2-Chloronaphthalene
 Concen: 44.712 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

Tot Ion:162 Resp: 1047239
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.7 50.5
 164 33.6 26.4 39.6

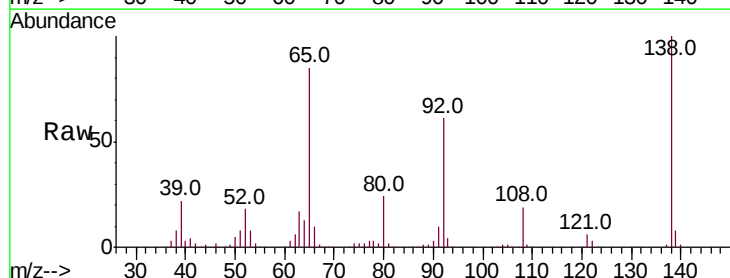


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

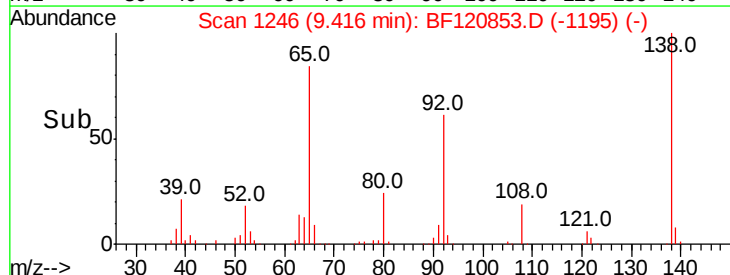
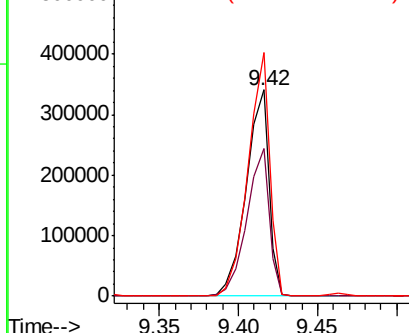


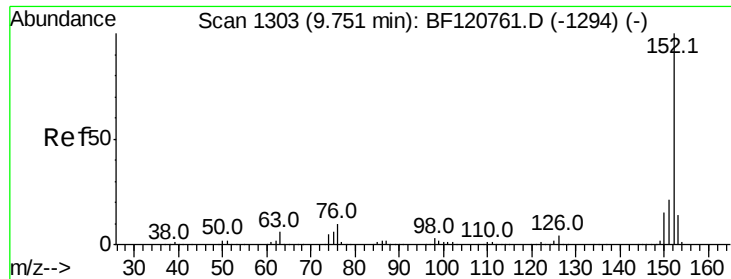
#48
 2-Nitroaniline
 Concen: 48.217 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion: 65 Resp: 338240
 Ion Ratio Lower Upper
 65 100
 92 71.8 54.4 81.6
 138 118.1 84.7 127.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.557 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

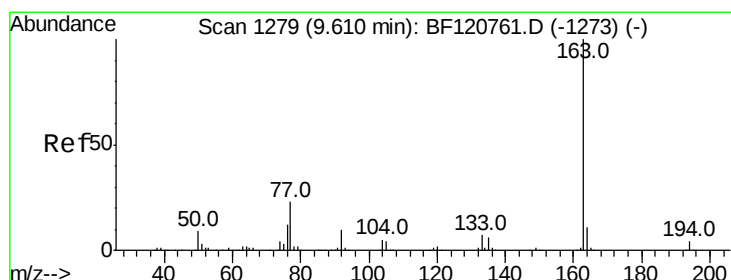
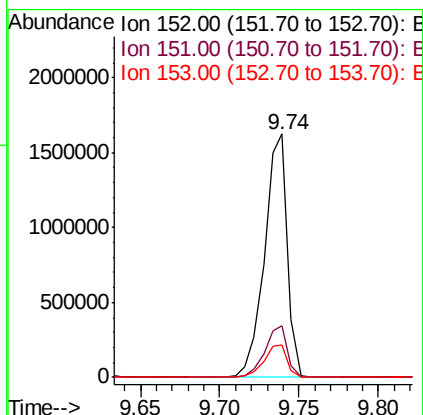
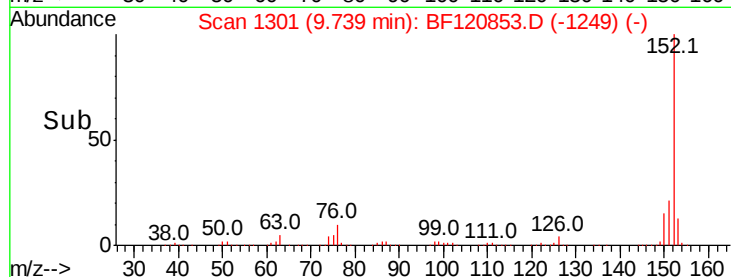
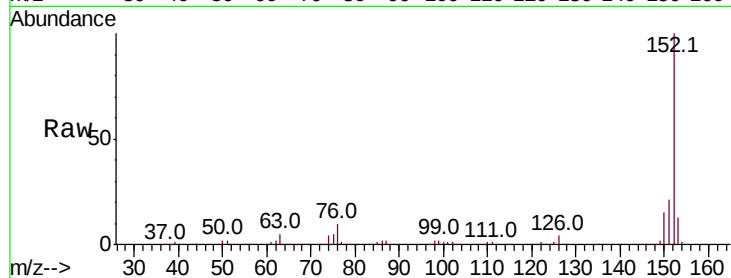
Tot Ion:152 Resp: 1636163

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 55.069 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

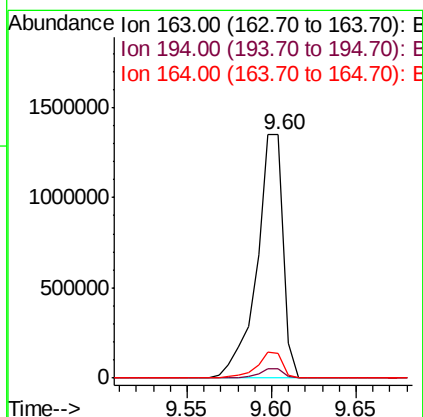
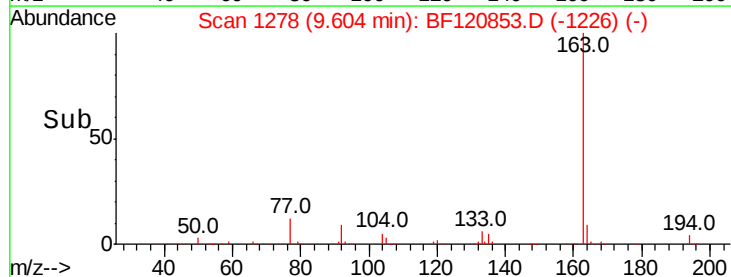
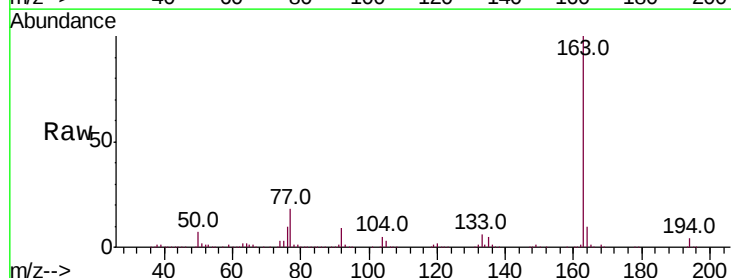
Tgt Ion:163 Resp: 1455999

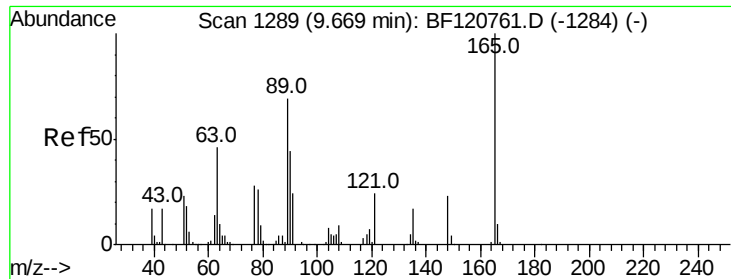
Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

164 10.0 8.5 12.7

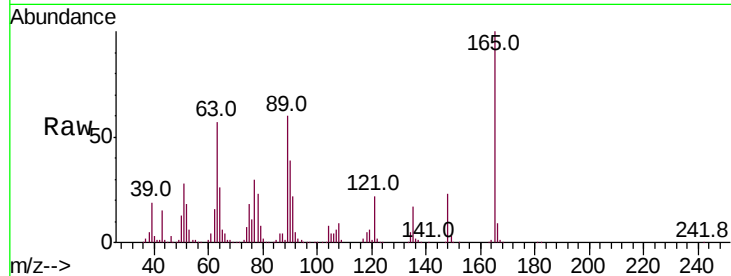




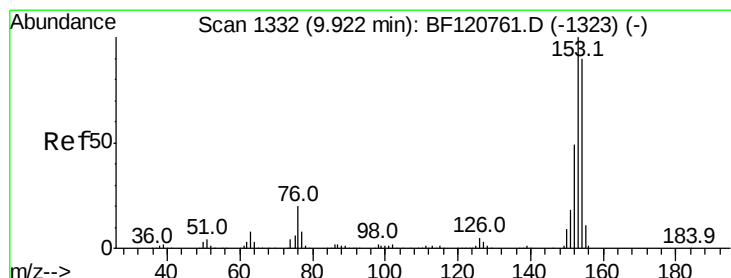
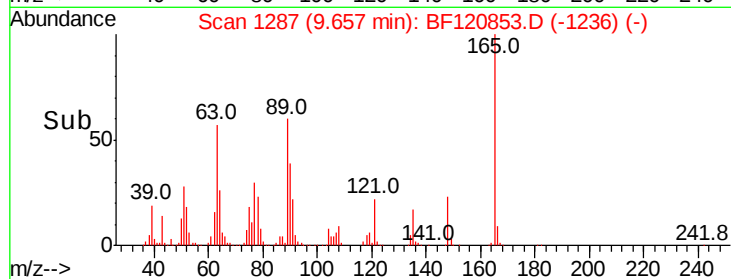
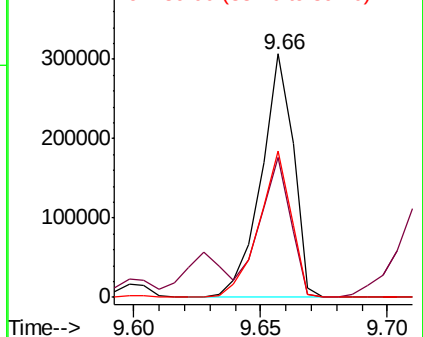
#51
2,6-Dinitrotoluene
Concen: 51.961 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:165 Resp: 274071
Ion Ratio Lower Upper
165 100
63 57.3 54.0 81.0
89 60.0 55.4 83.2

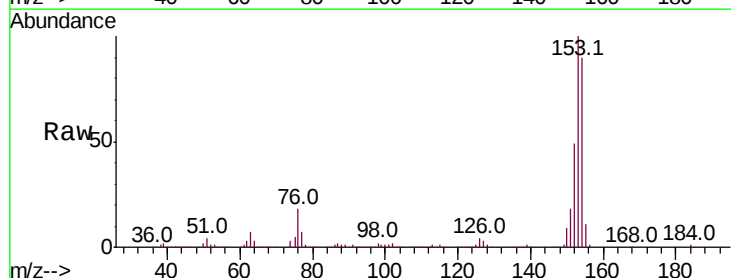


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

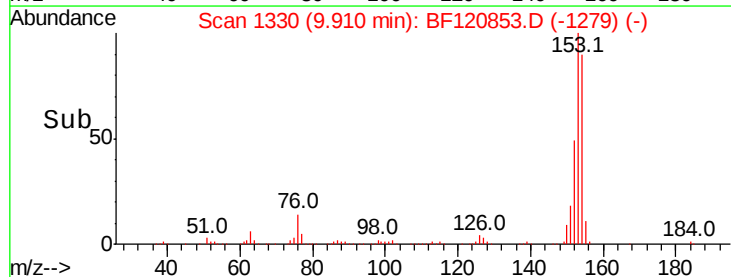
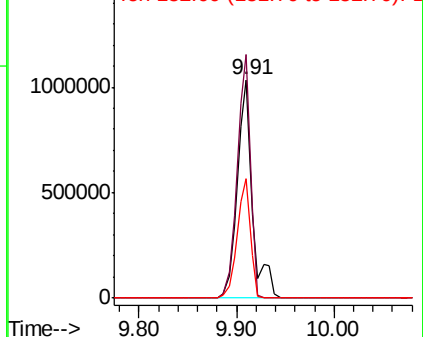


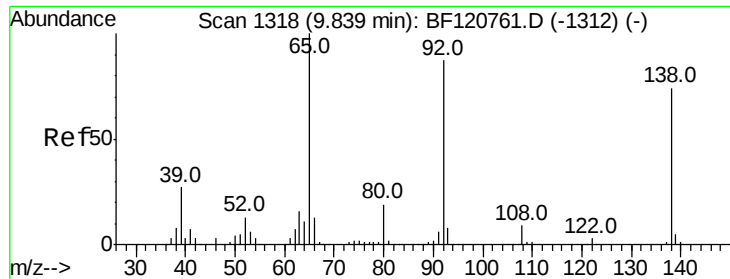
#52
Acenaphthene
Concen: 49.011 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:154 Resp: 1116510
Ion Ratio Lower Upper
154 100
153 111.6 88.6 132.8
152 54.9 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

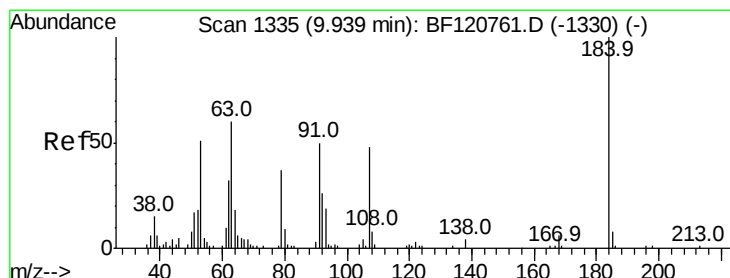
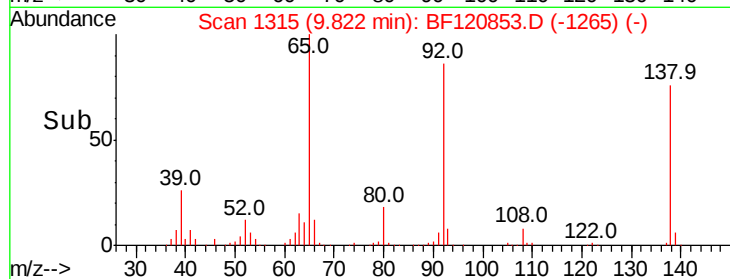
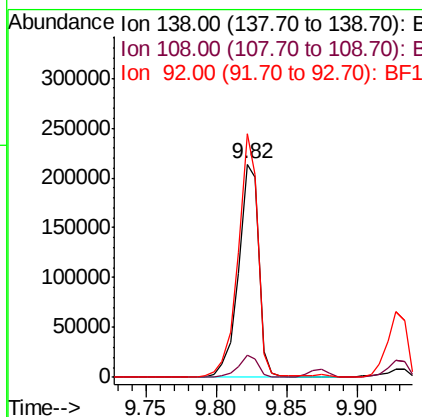
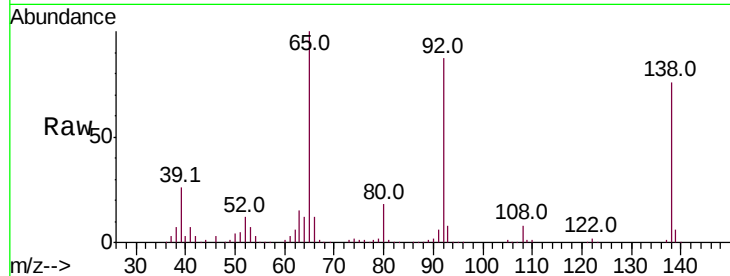




#53
 3-Nitroaniline
 Concen: 33.929 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

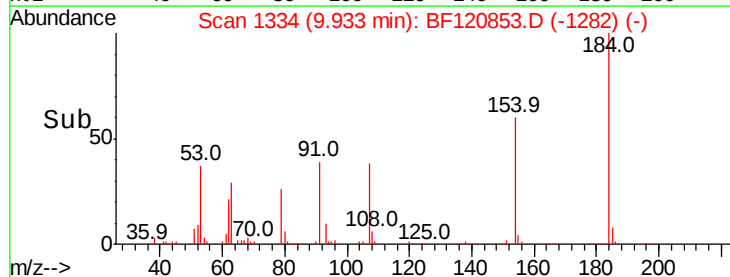
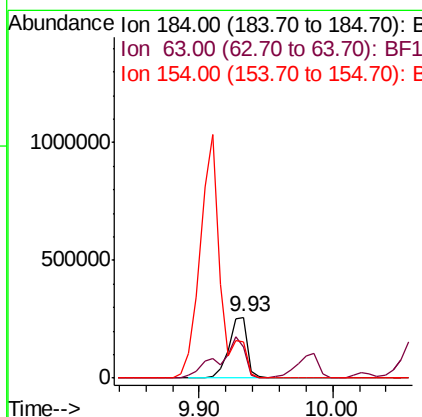
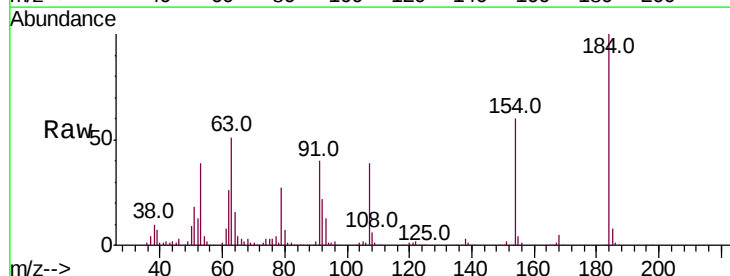
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

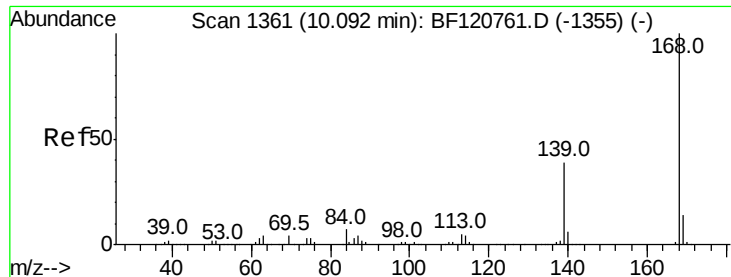
Tot Ion:138 Resp: 214385
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.8 14.6
 92 114.2 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 118.863 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion:184 Resp: 256589
 Ion Ratio Lower Upper
 184 100
 63 51.5 57.3 85.9#
 154 59.9 55.8 83.6





#55

Dibenzofuran

Concen: 44.881 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

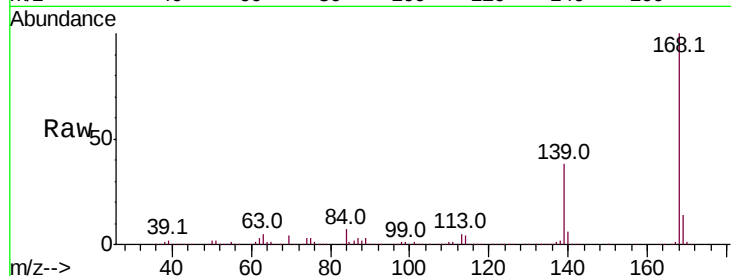
Tot Ion:168 Resp: 1473773

Ion Ratio Lower Upper

168 100

139 37.9 31.3 46.9

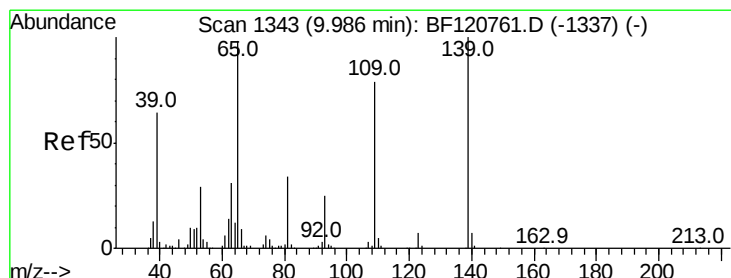
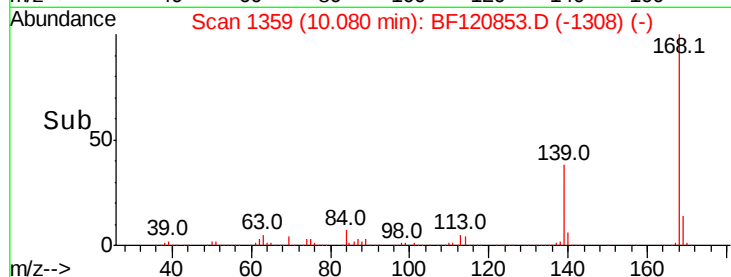
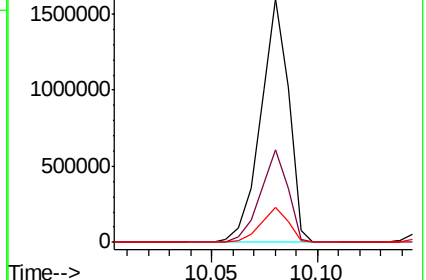
169 14.2 11.2 16.8



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: 84.381 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

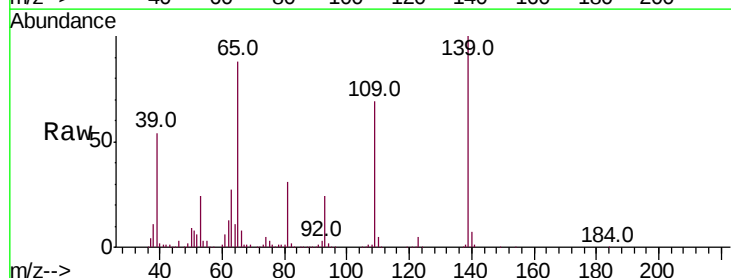
Tgt Ion:139 Resp: 409718

Ion Ratio Lower Upper

139 100

109 68.6 58.6 98.6

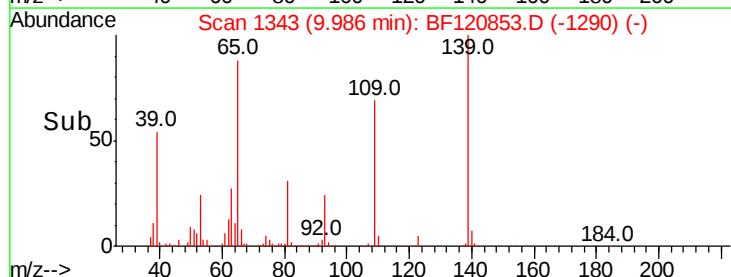
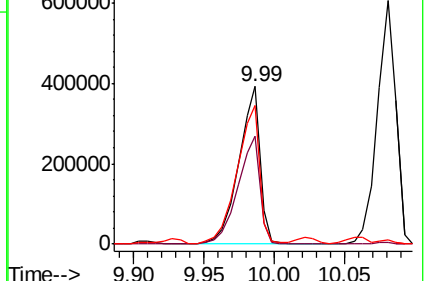
65 87.7 78.7 118.7

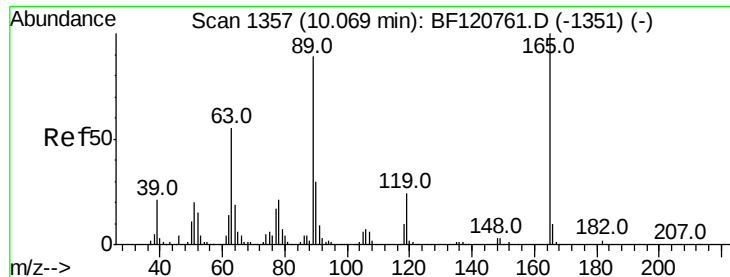


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

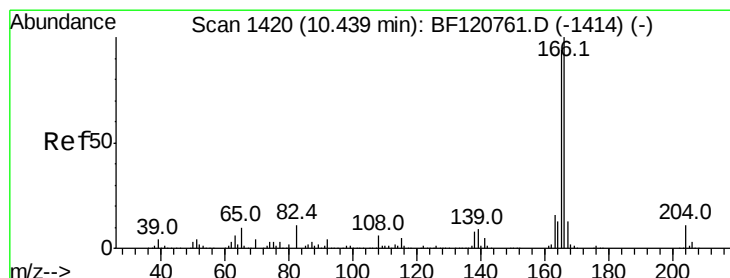
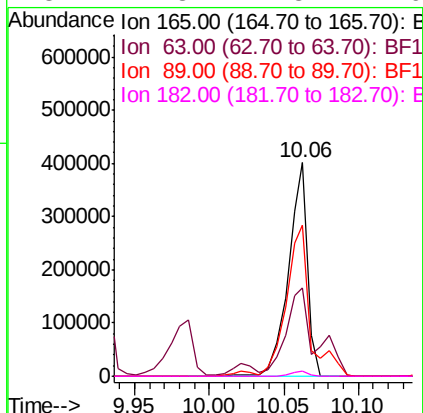
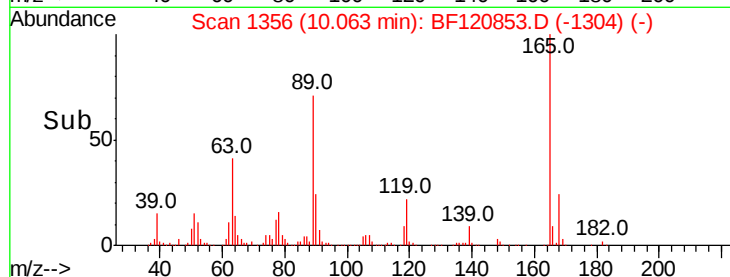
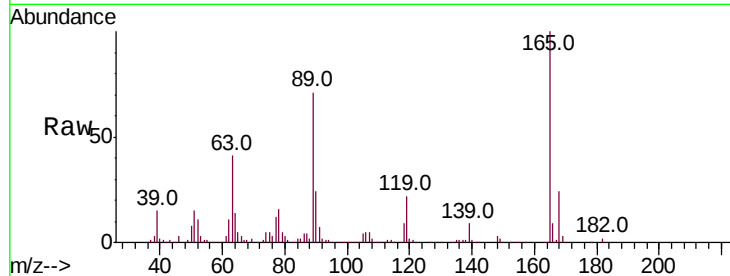




#57
 2,4-Dinitrotoluene
 Concen: 54.868 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

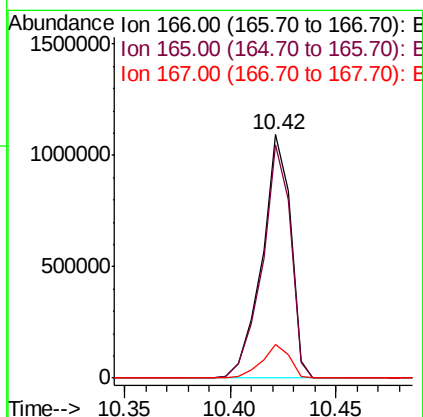
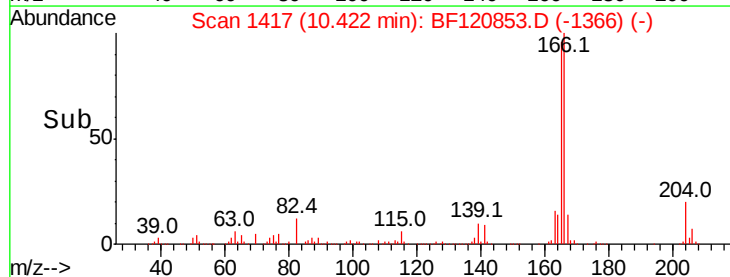
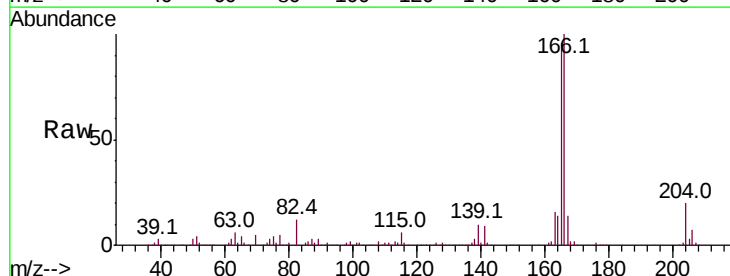
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

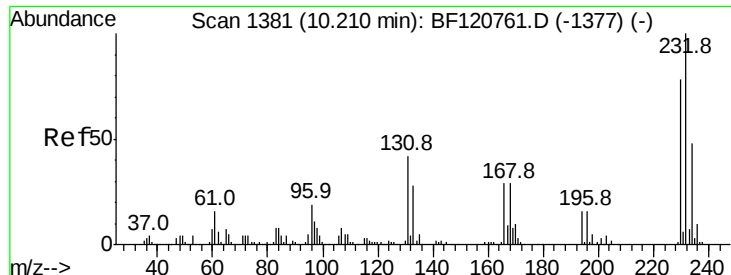
Tot Ion:165 Resp: 362208
 Ion Ratio Lower Upper
 165 100
 63 41.2 43.8 65.8#
 89 70.7 71.4 107.2#
 182 2.3 1.8 2.6



#58
 Fluorene
 Concen: 42.198 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion:166 Resp: 1031393
 Ion Ratio Lower Upper
 166 100
 165 95.9 75.5 113.3
 167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.951 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

Tot Ion:232 Resp: 326406

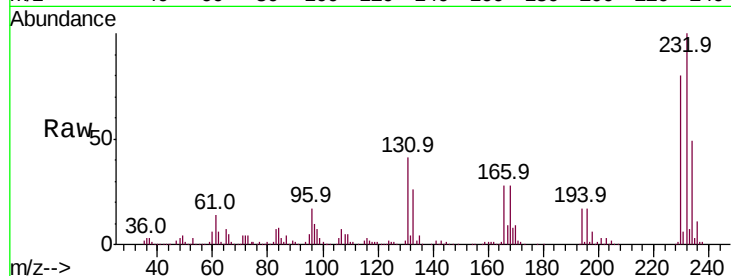
Ion Ratio Lower Upper

232 100

131 46.2 36.3 54.5

130 2.4 2.0 3.0

166 30.3 20.9 31.3

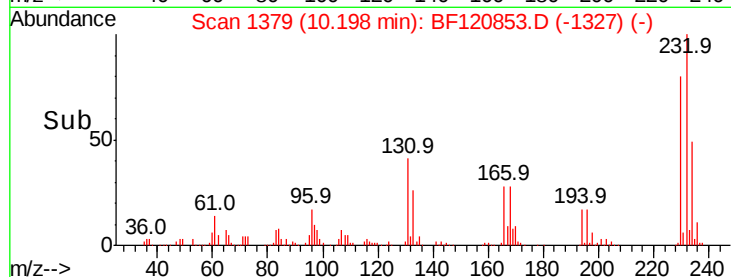


Abundance Ion 232.00 (231.70 to 232.70): E

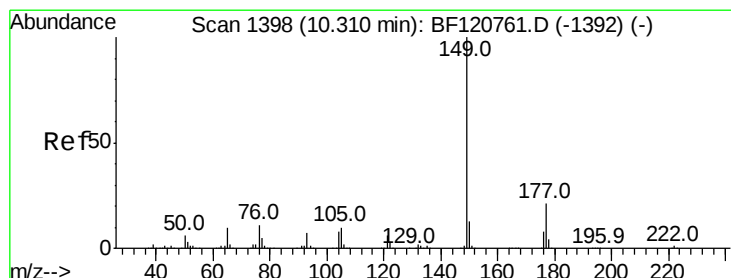
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 44.597 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

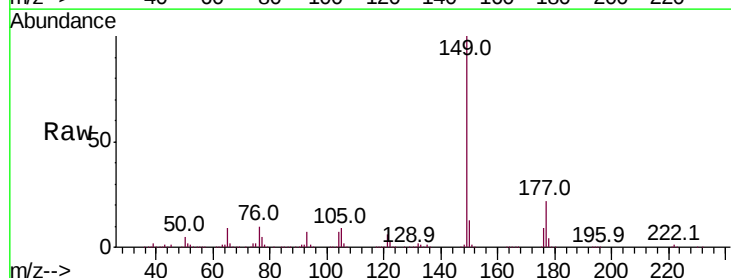
Tgt Ion:149 Resp: 1228318

Ion Ratio Lower Upper

149 100

177 21.8 16.4 24.6

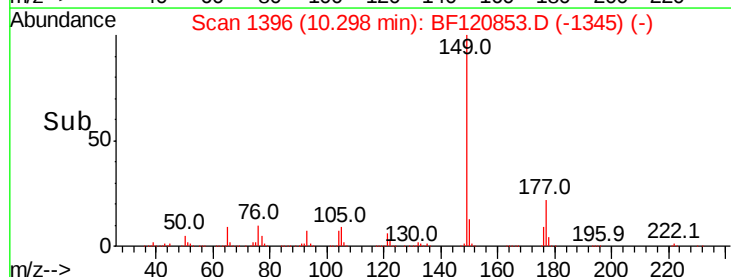
150 12.9 10.2 15.4



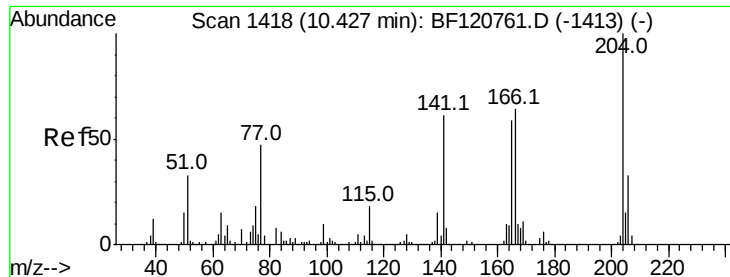
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



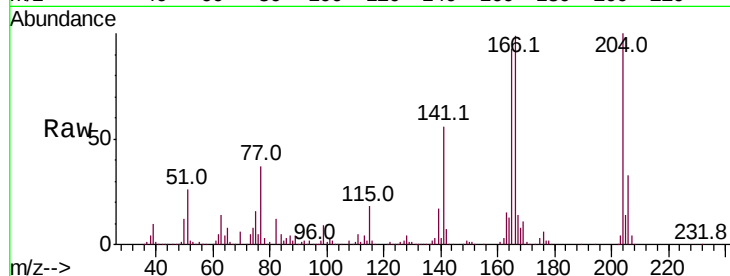
Time-->



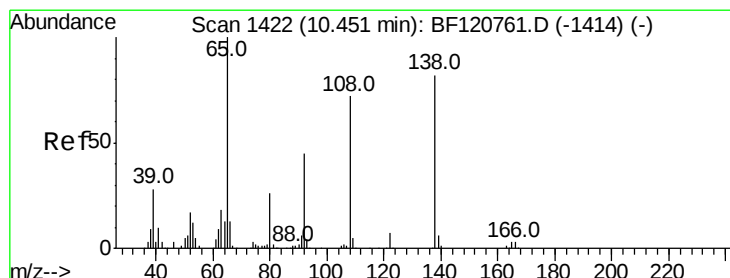
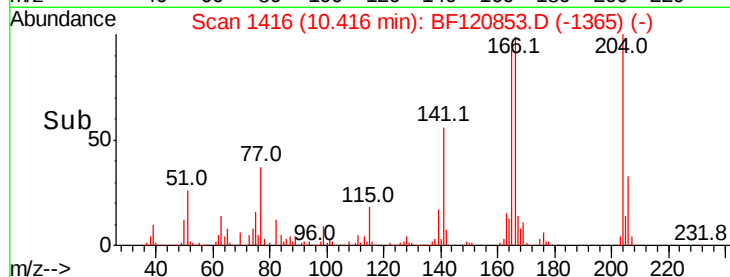
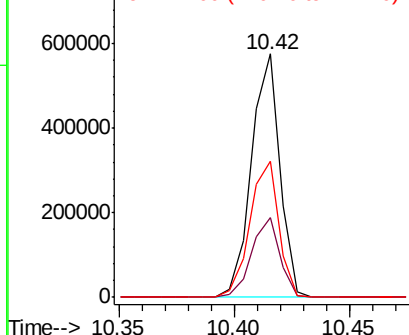
#61
4-Chlorophenyl-phenylether
Concen: 40.347 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:204 Resp: 495744
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 55.9 48.5 72.7

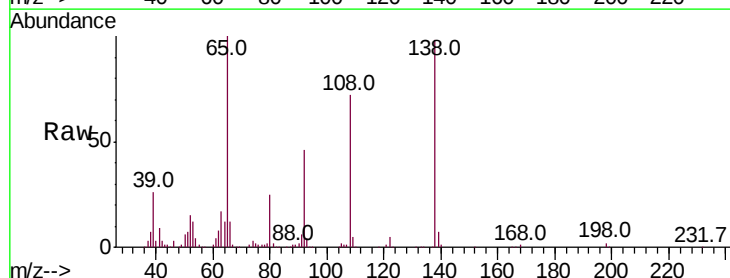


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

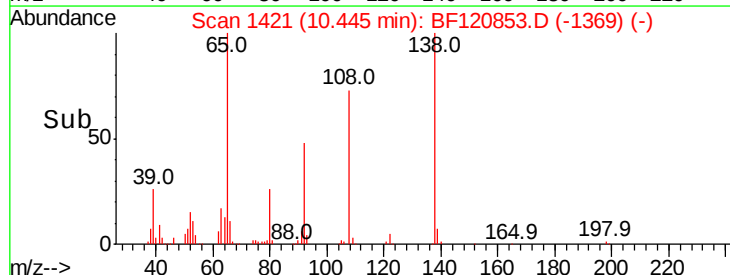
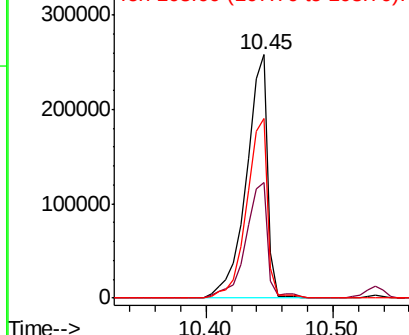


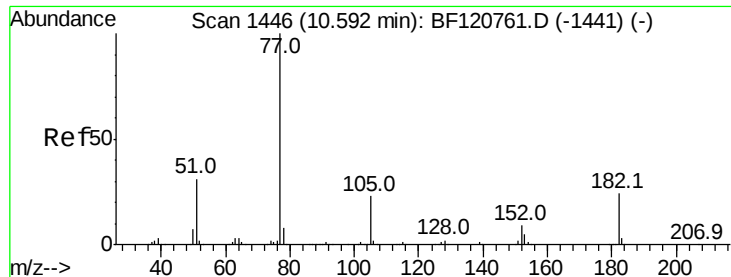
#62
4-Nitroaniline
Concen: 53.359 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:138 Resp: 299751
Ion Ratio Lower Upper
138 100
92 47.5 34.3 74.3
108 73.9 68.3 108.3



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





#63

Azobenzene

Concen: 42.196 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

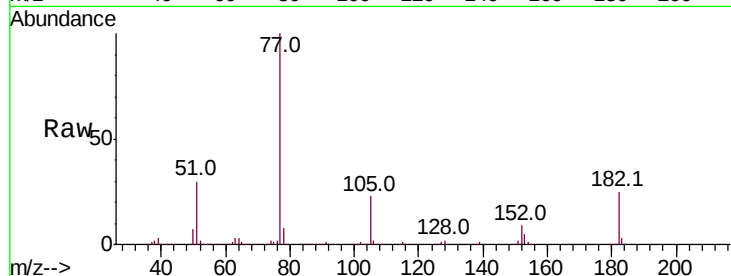
BNA_F

ClientSampleId :

EO-02-070920MSD

Tot Ion: 77 Resp: 1188849

Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.0	44.0
105	23.3	2.6	42.6
51	30.2	11.5	51.5

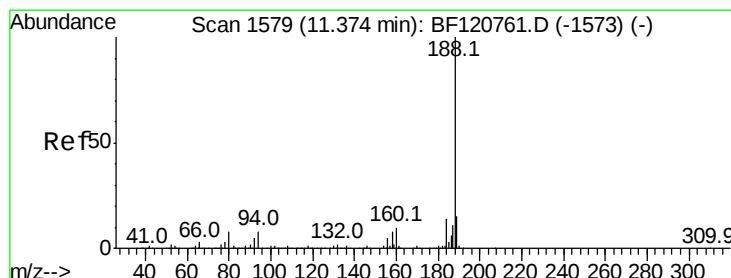
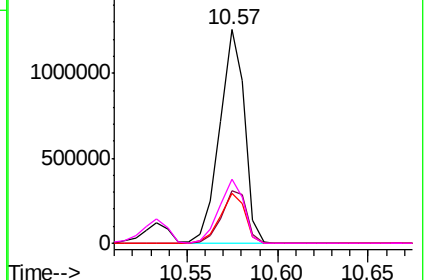
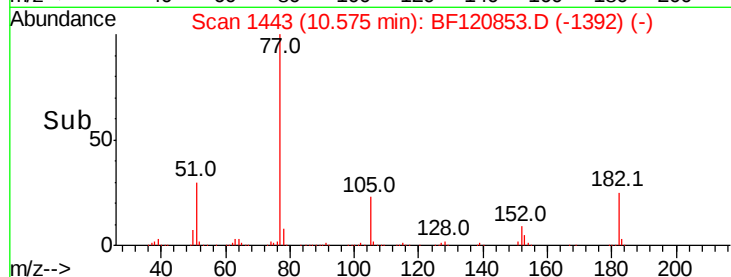


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

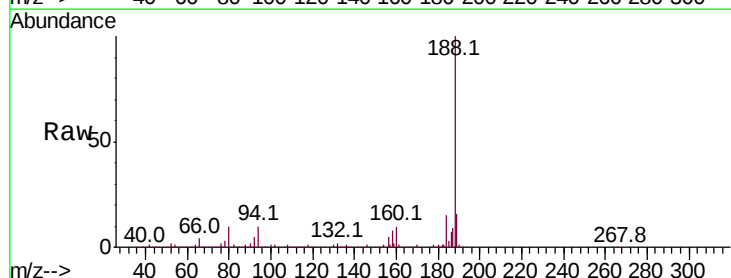
Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Tgt Ion: 188 Resp: 675056

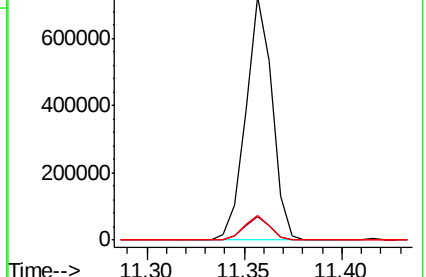
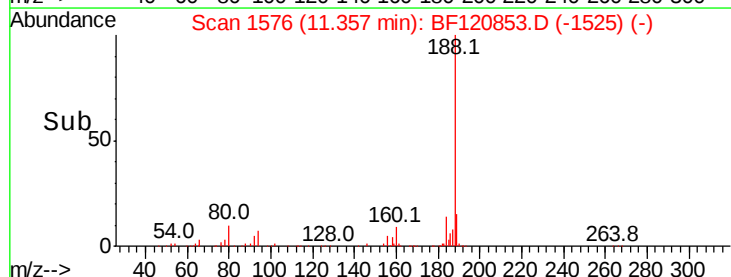
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	9.8
80	10.3	6.6	10.0

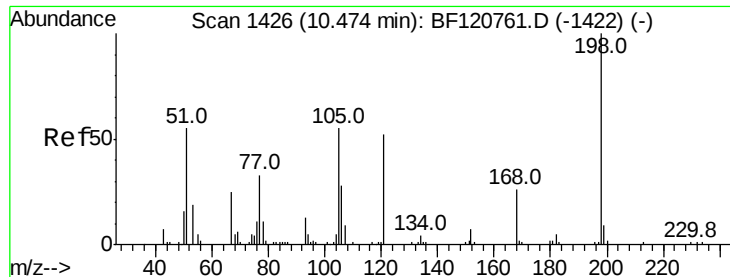


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 60.975 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

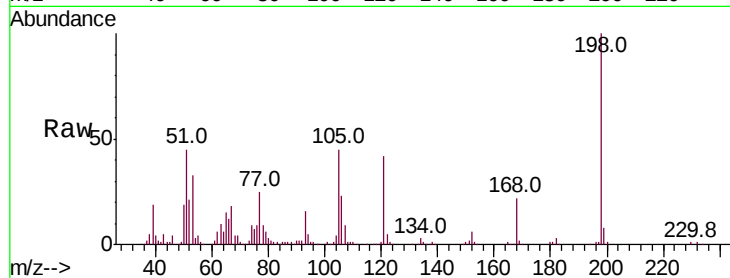
Tot Ion:198 Resp: 179388

Ion Ratio Lower Upper

198 100

51 44.9 50.0 90.0#

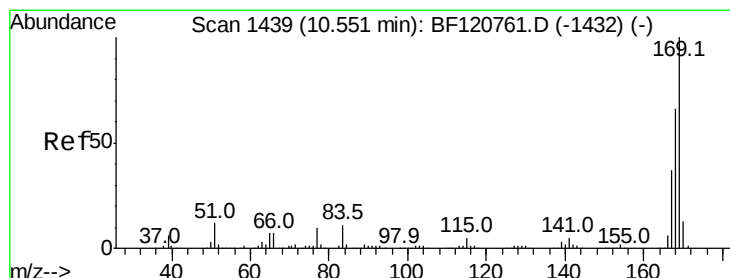
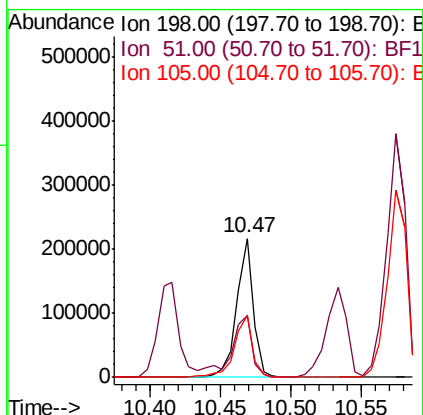
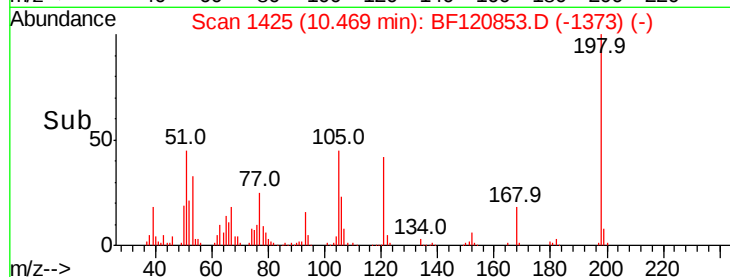
105 44.6 38.3 78.3



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: 45.348 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

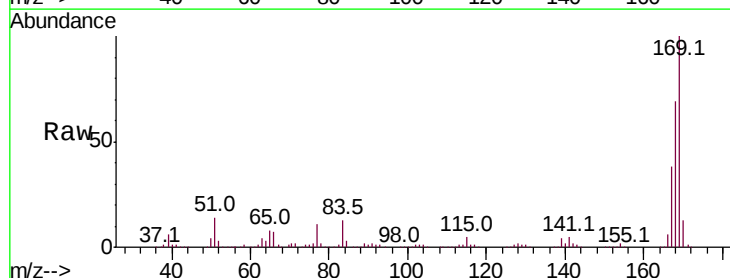
Tgt Ion:169 Resp: 1026064

Ion Ratio Lower Upper

169 100

168 68.5 53.1 79.7

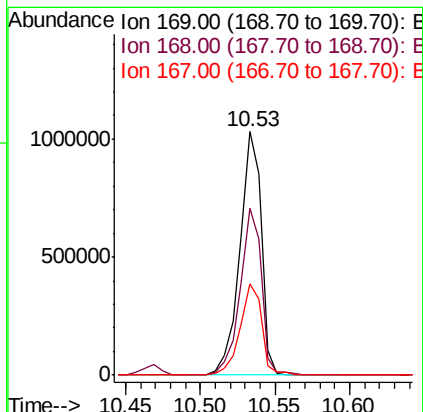
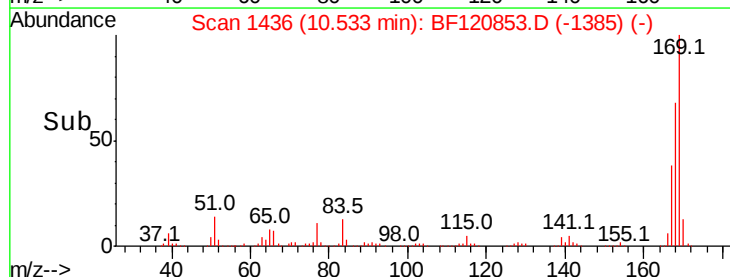
167 37.6 29.6 44.4

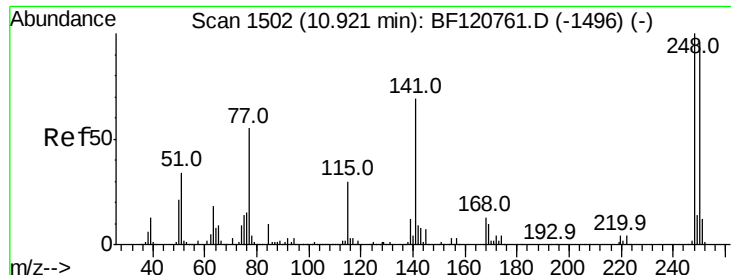


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

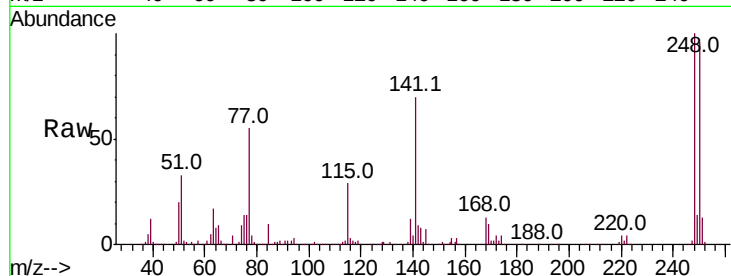




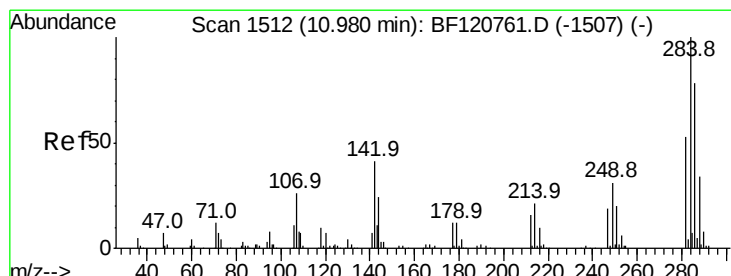
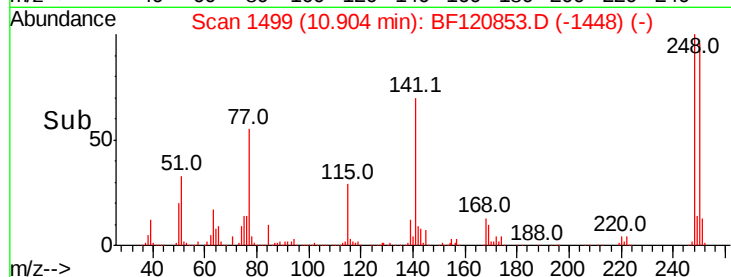
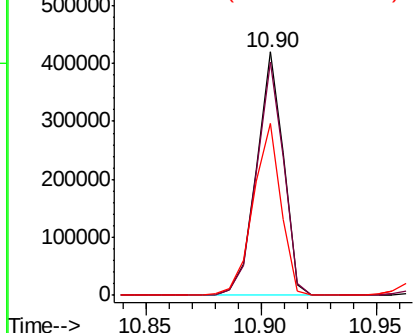
#67
4-Bromophenyl-phenylether
Concen: 43.632 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:248 Resp: 341670
Ion Ratio Lower Upper
248 100
250 95.8 76.5 114.7
141 70.4 54.9 82.3

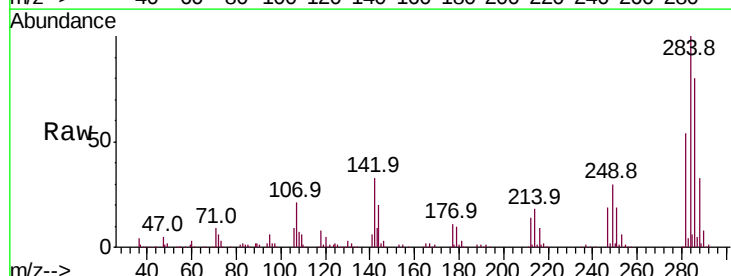


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

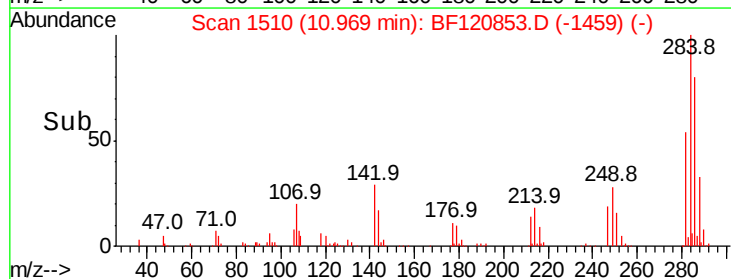
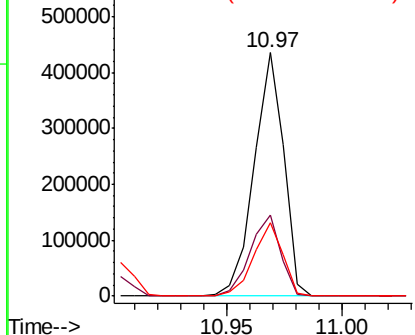


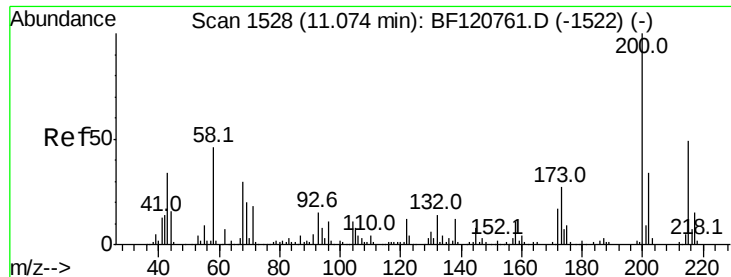
#68
Hexachlorobenzene
Concen: 47.387 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:284 Resp: 389382
Ion Ratio Lower Upper
284 100
142 33.3 32.5 48.7
249 30.1 24.8 37.2



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

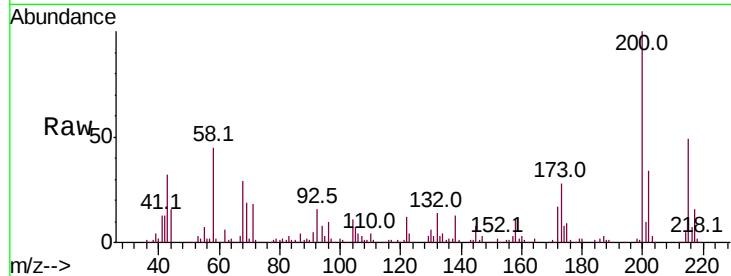




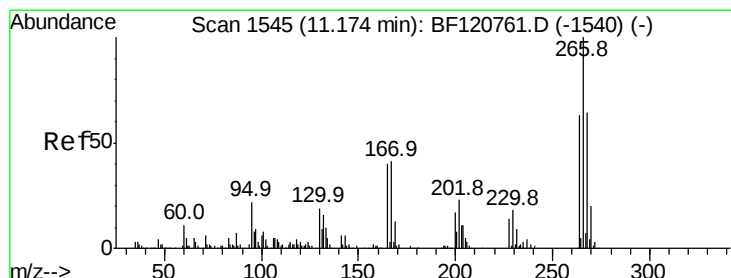
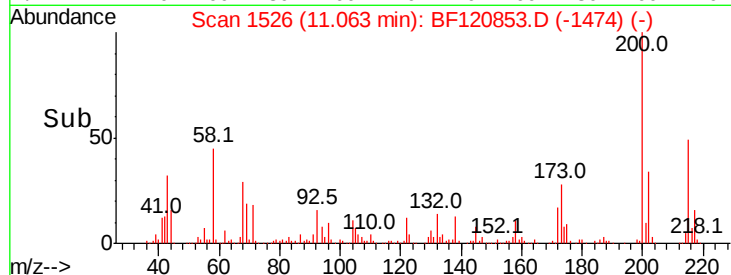
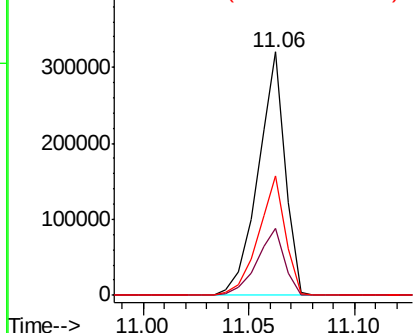
#69
Atrazine
Concen: 48.680 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:200 Resp: 283756
Ion Ratio Lower Upper
200 100
173 27.7 7.4 47.4
215 48.9 28.8 68.8

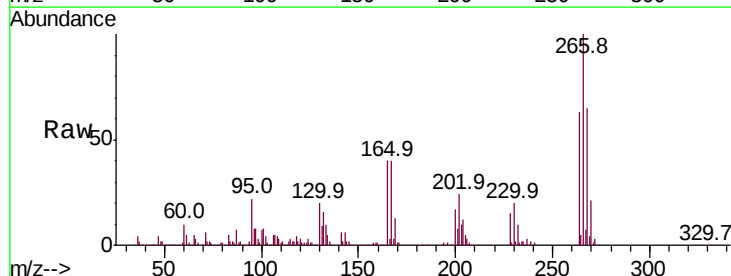


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

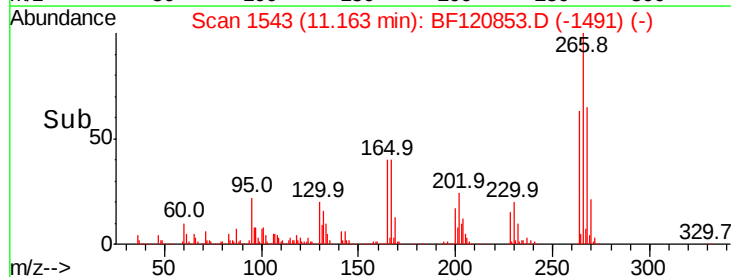
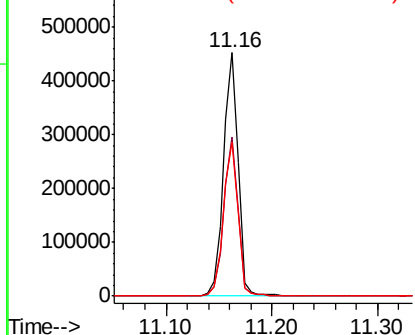


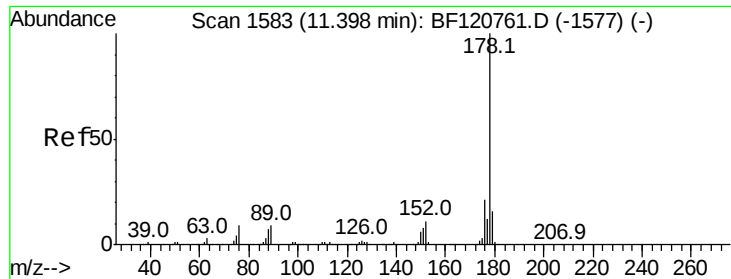
#70
Pentachlorophenol
Concen: 94.684 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:266 Resp: 440191
Ion Ratio Lower Upper
266 100
268 65.3 51.4 77.2
264 63.5 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: 43.681 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

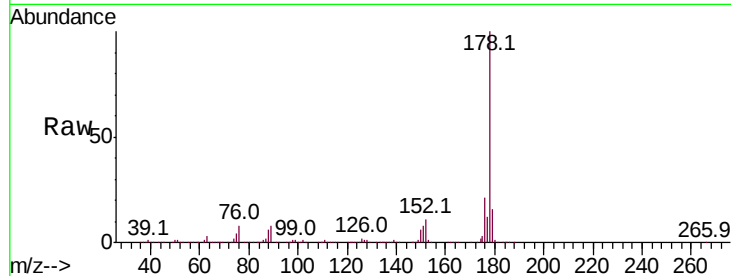
Tot Ion:178 Resp: 1599924

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

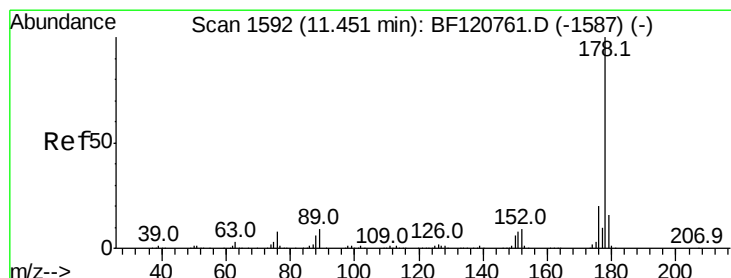
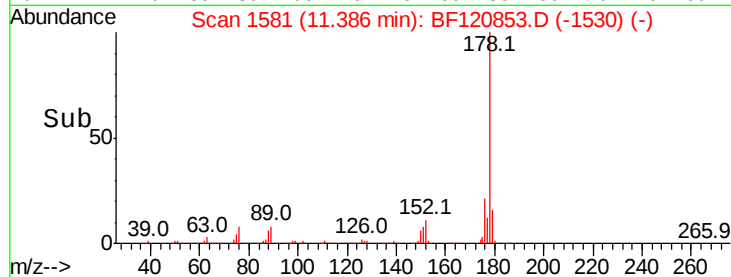
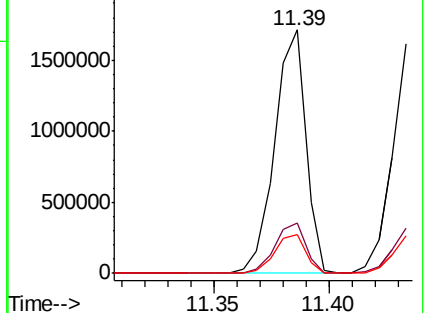
179 15.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.734 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

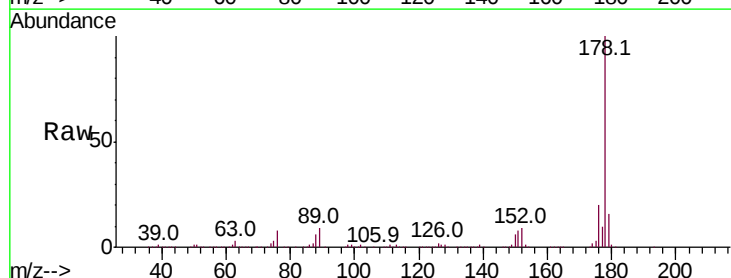
Tgt Ion:178 Resp: 1655716

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

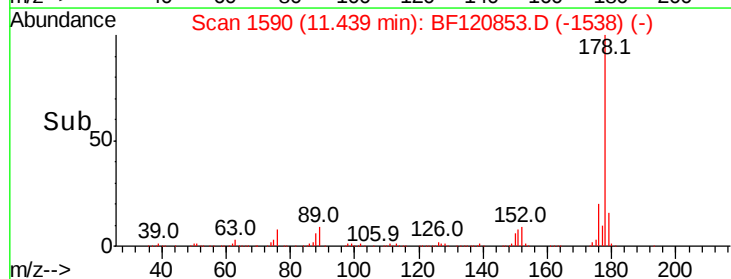
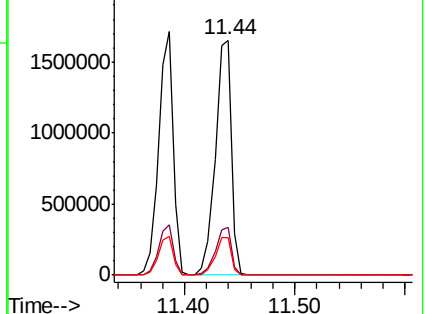
179 15.9 12.7 19.1

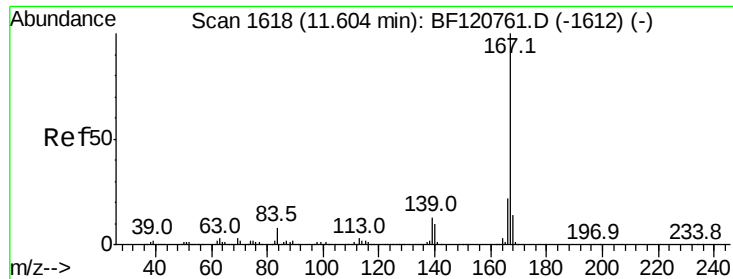


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.401 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

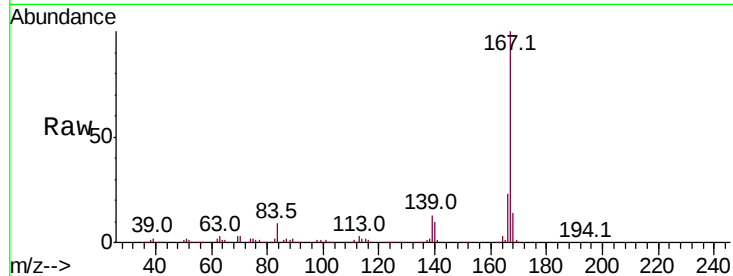
Tot Ion:167 Resp: 1579264

Ion Ratio Lower Upper

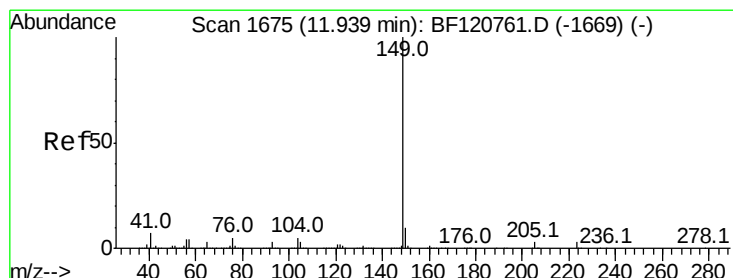
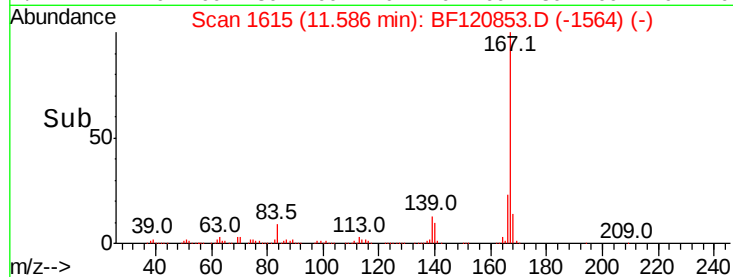
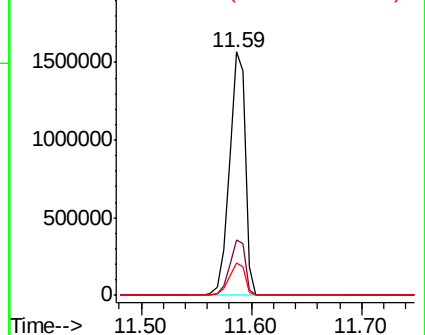
167 100

166 22.6 17.8 26.8

139 13.3 10.7 16.1



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



#74

Di-n-butylphthalate

Concen: 41.885 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

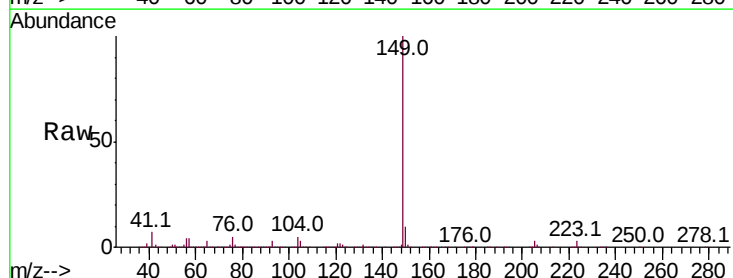
Tgt Ion:149 Resp: 1844422

Ion Ratio Lower Upper

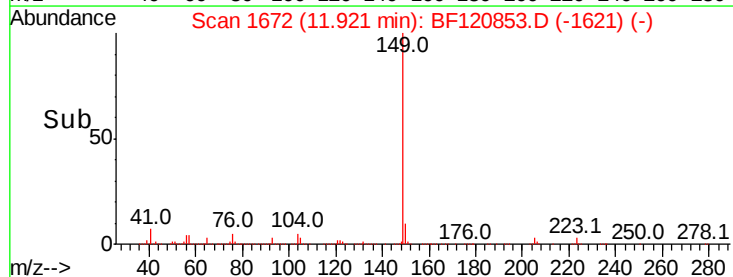
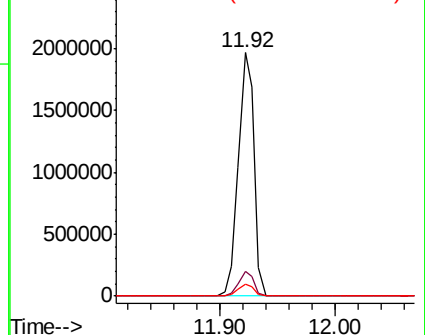
149 100

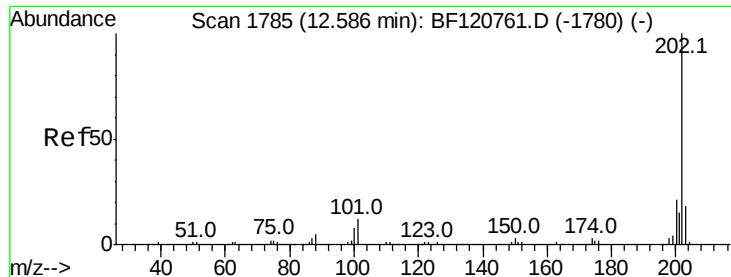
150 10.0 7.7 11.5

104 5.2 4.0 6.0



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

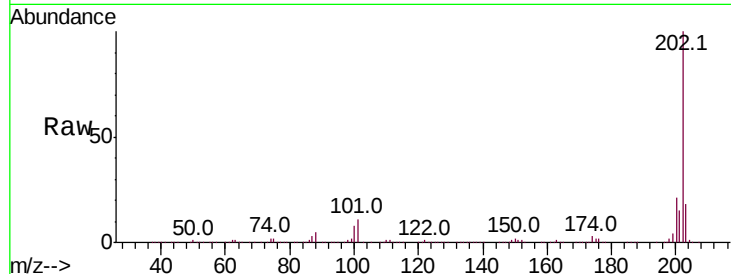




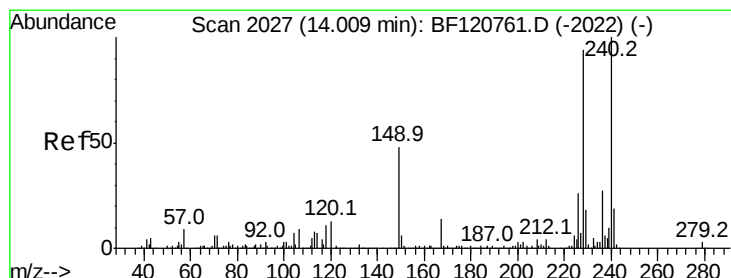
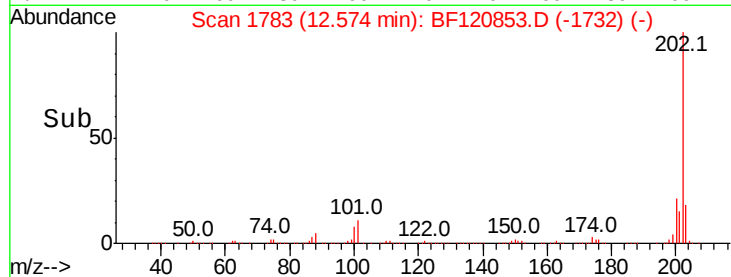
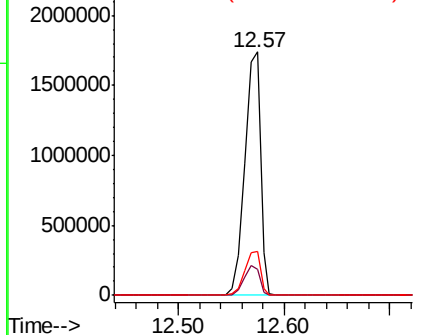
#75
 Fluoranthene
 Concen: 45.433 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

Tot Ion:202 Resp: 1772735
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.6
 203 18.0 0.0 38.2

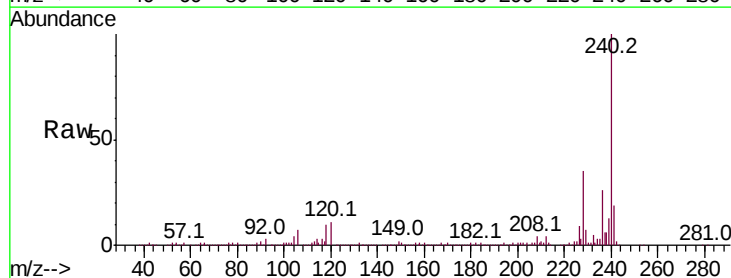


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

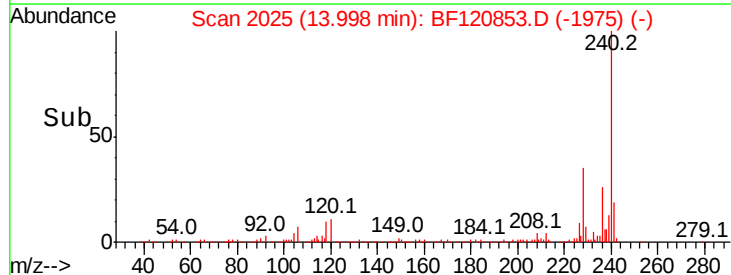
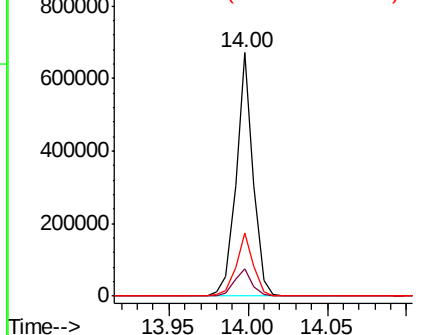


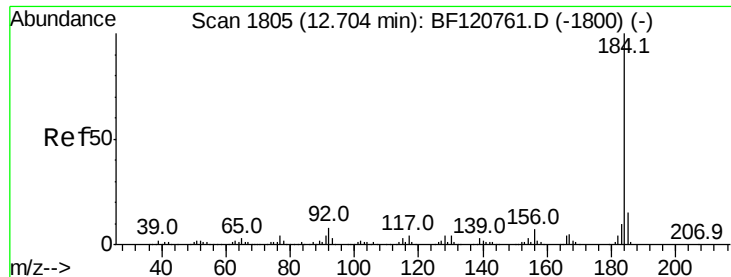
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion:240 Resp: 493667
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.3 15.5
 236 26.2 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: 46.573 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

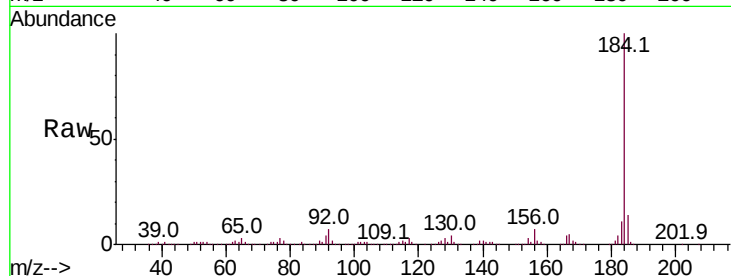
Tot Ion:184 Resp: 648959

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

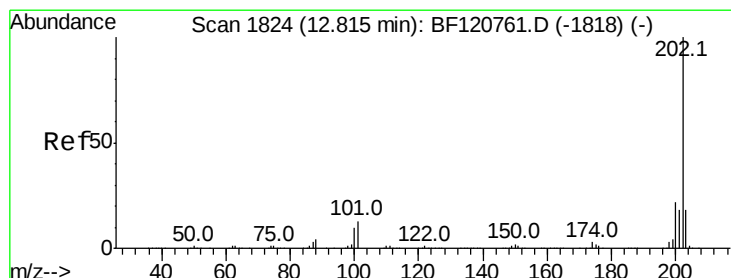
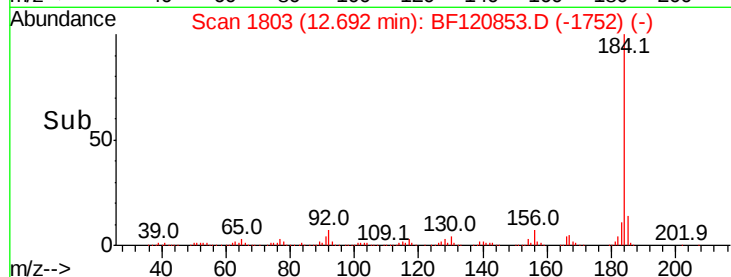
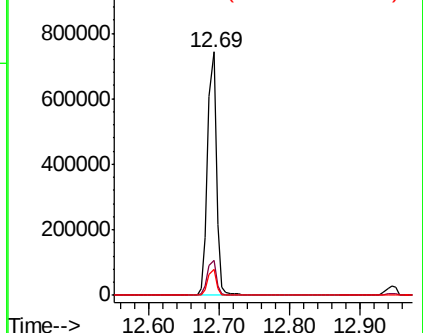
183 10.7 8.3 12.5



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: 45.967 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

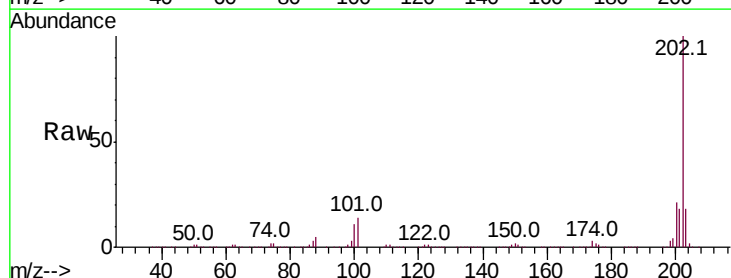
Tgt Ion:202 Resp: 1812363

Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

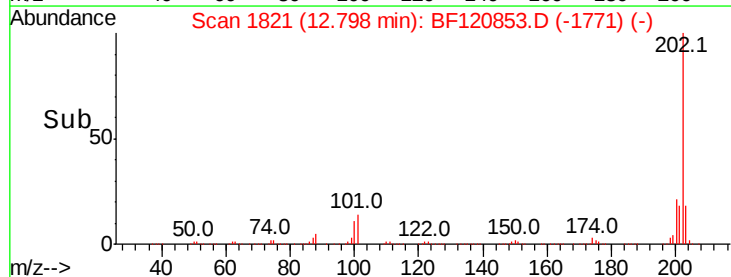
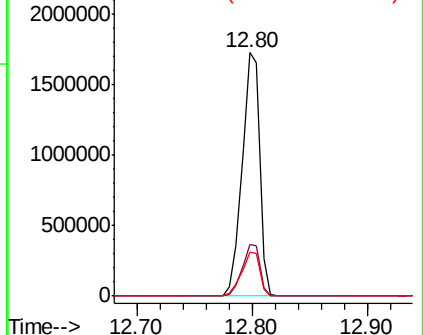
203 18.2 14.6 22.0

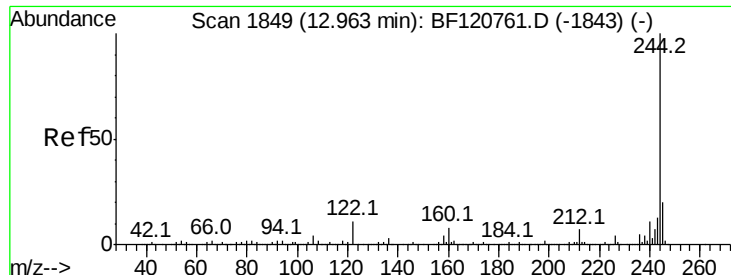


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.397 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

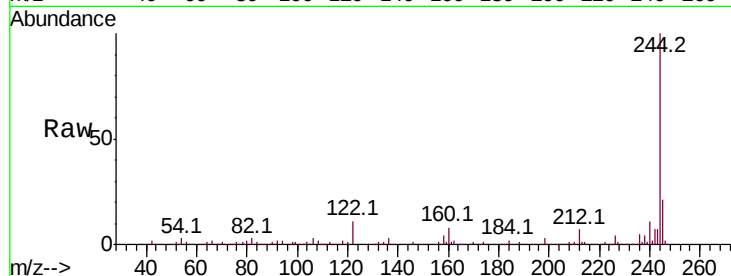
Tot Ion:244 Resp: 2178449

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

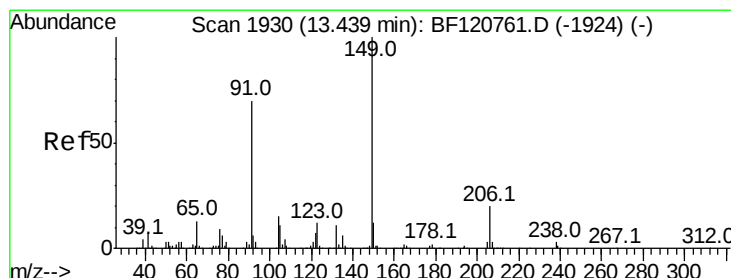
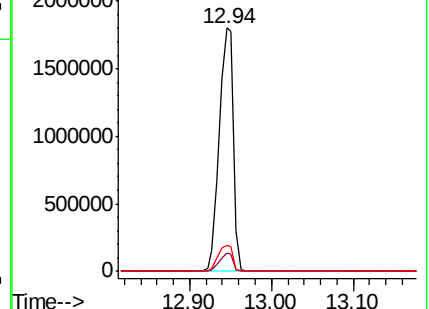
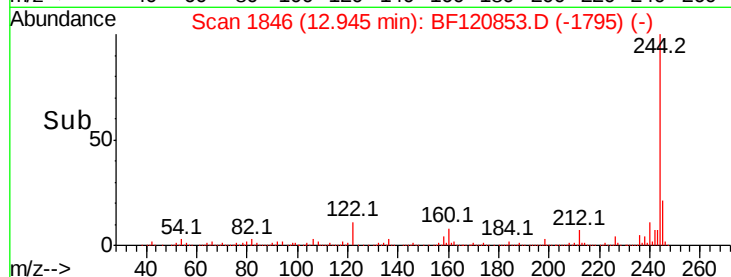
122 10.6 9.0 13.4



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: 46.716 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

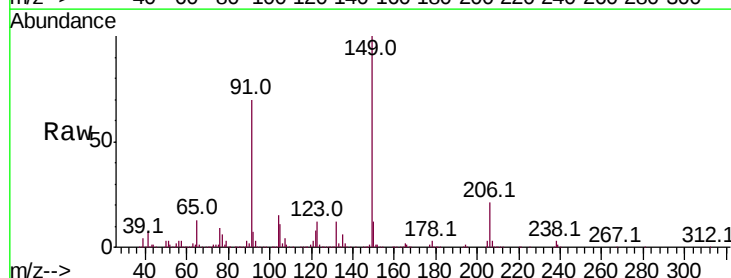
Tgt Ion:149 Resp: 795206

Ion Ratio Lower Upper

149 100

91 70.1 55.8 83.8

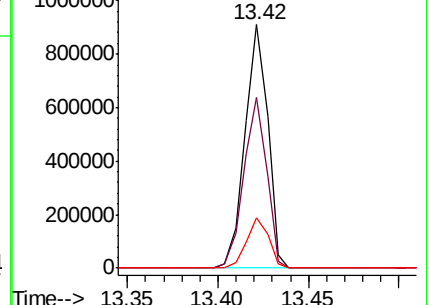
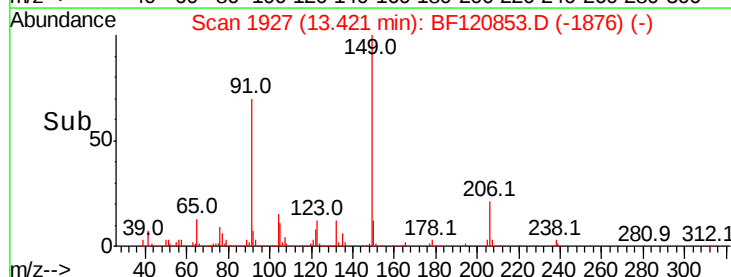
206 20.5 15.7 23.5

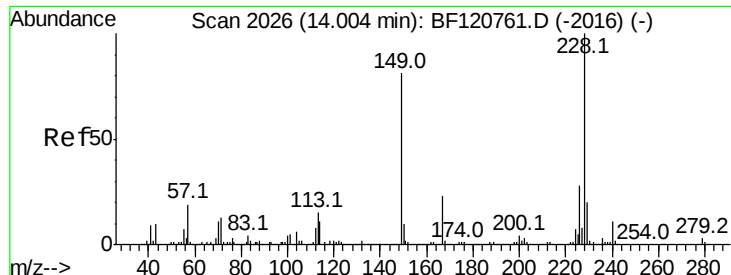


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.351 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

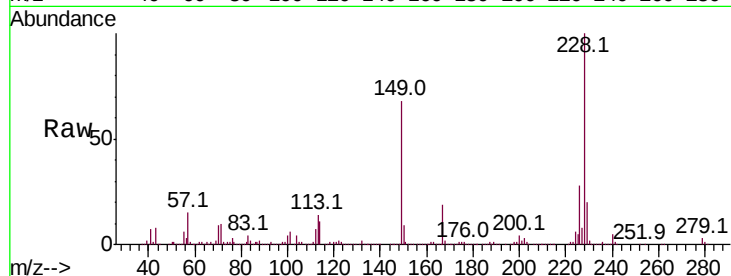
Tot Ion:228 Resp: 1340195

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

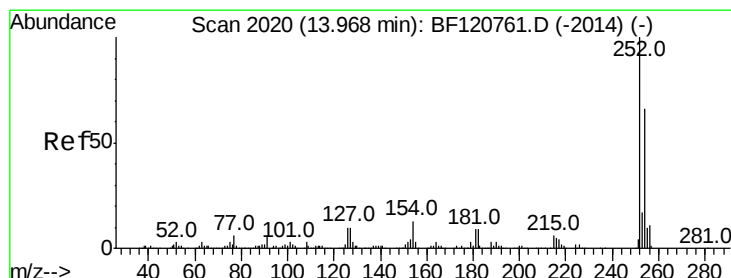
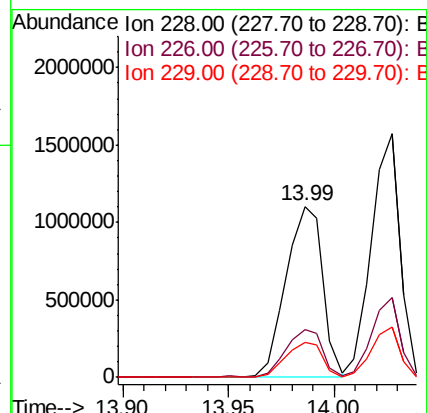
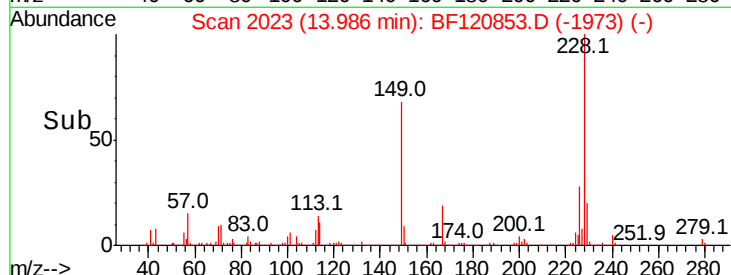
229 20.1 15.8 23.6



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: 35.954 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

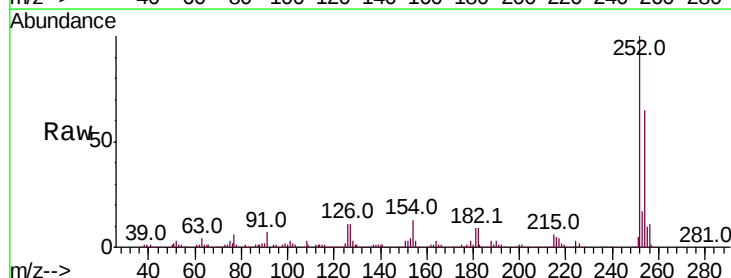
Tgt Ion:252 Resp: 383958

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

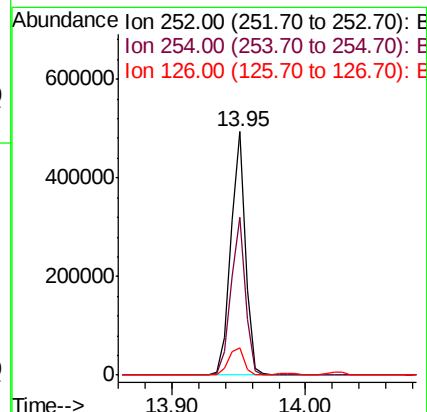
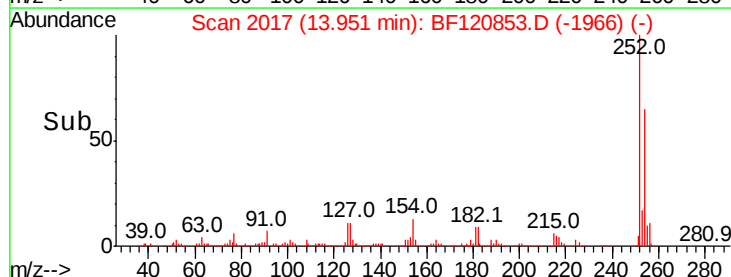
126 11.0 7.8 11.8

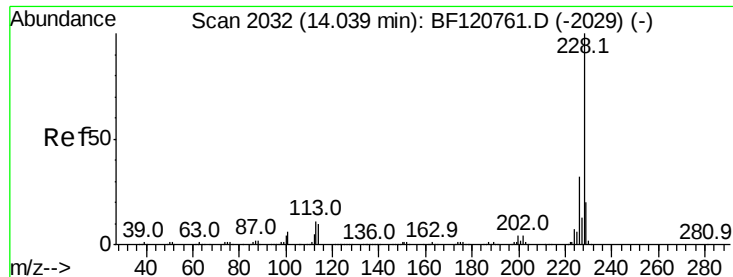


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.958 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

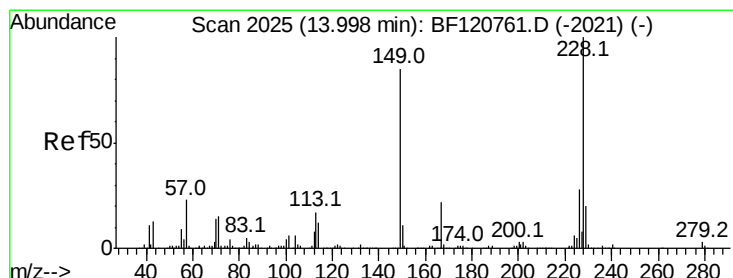
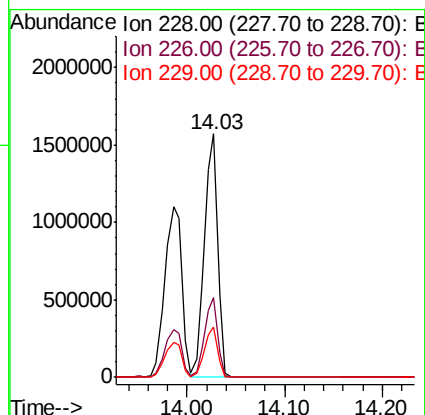
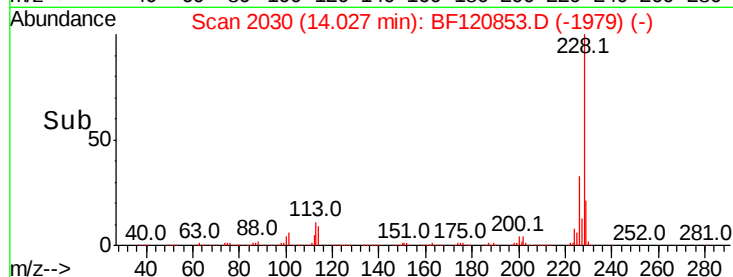
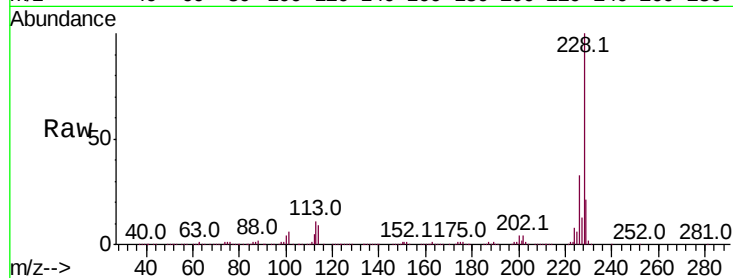
BNA_F

ClientSampleId :

EO-02-070920MSD

Tot Ion:228 Resp: 1483454

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.7	38.5
229	20.8	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.943 ng

RT: 13.98 min Scan# 2022

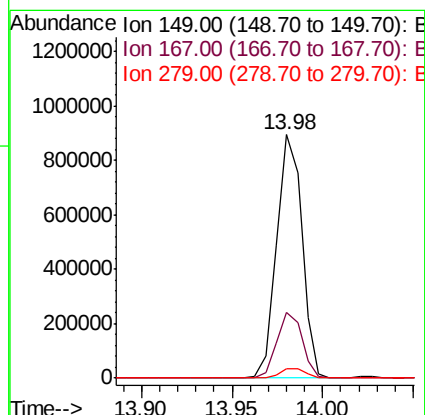
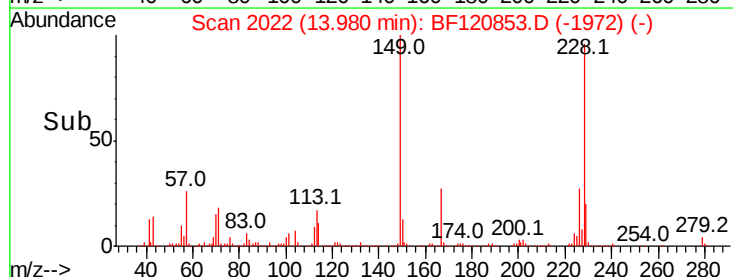
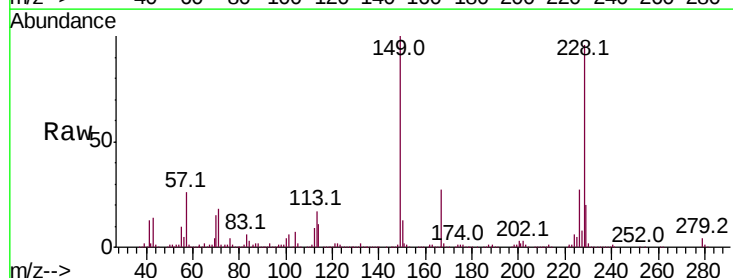
Delta R.T. -0.01 min

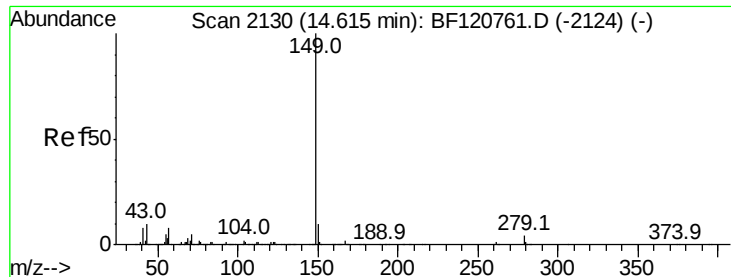
Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Tgt Ion:149 Resp: 869282

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.9	31.3
279	3.8	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 44.123 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BF120853.D

Acq: 13 Jul 2020 15:13

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MSD

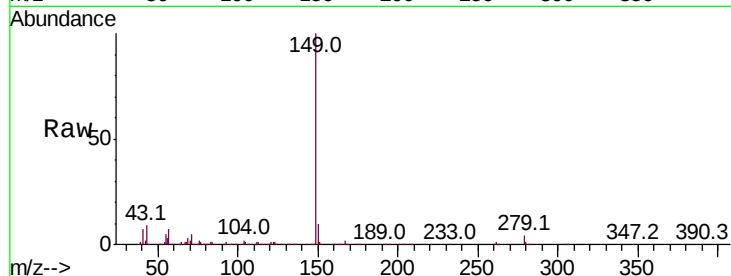
Tot Ion:149 Resp: 1742383

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

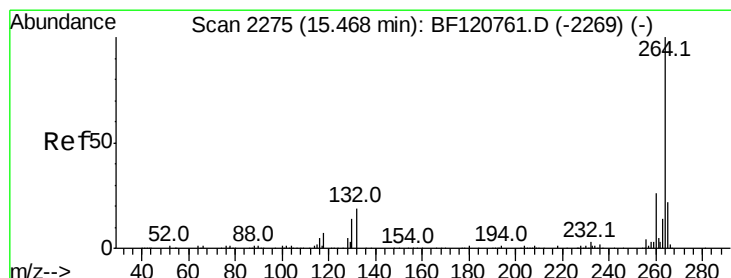
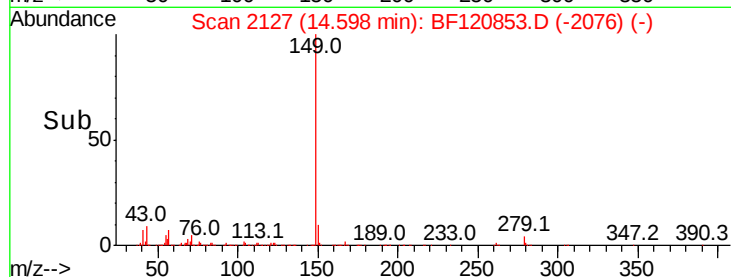
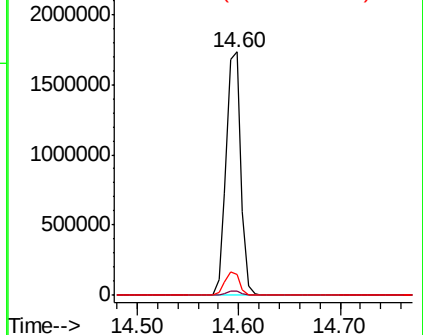
43 9.7 8.7 13.1



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: BF120853.D

Acq: 13 Jul 2020 15:13

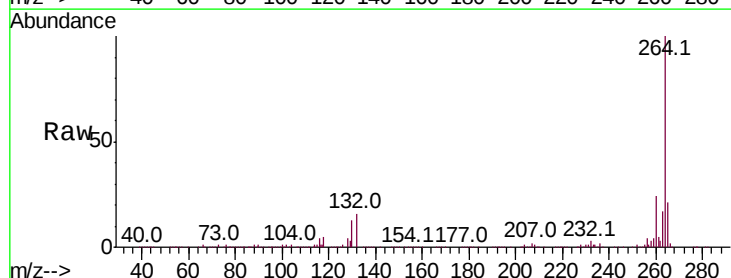
Tgt Ion:264 Resp: 413340

Ion Ratio Lower Upper

264 100

260 23.9 20.6 30.8

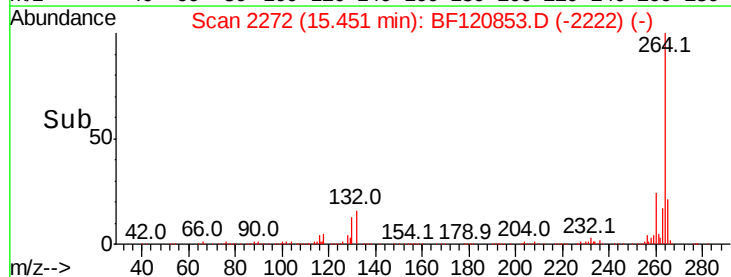
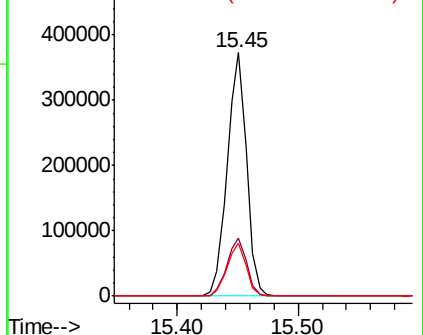
265 21.5 17.6 26.4

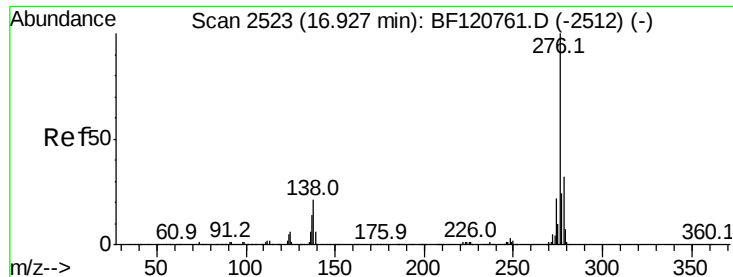


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

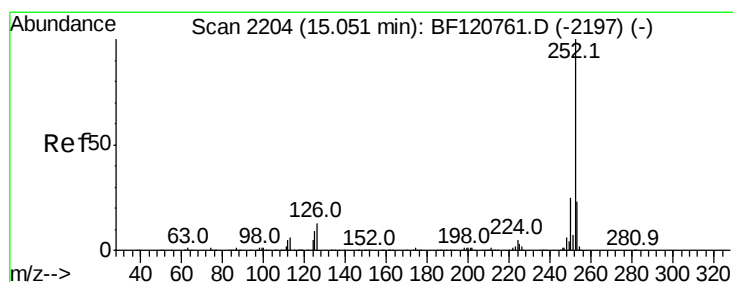
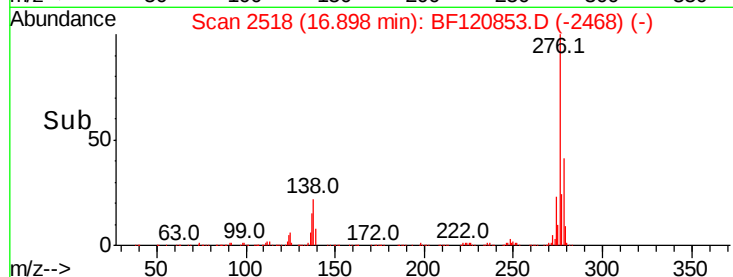
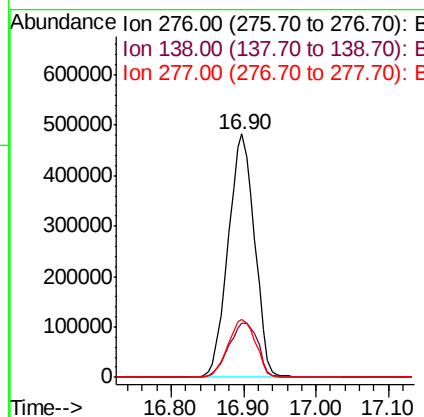
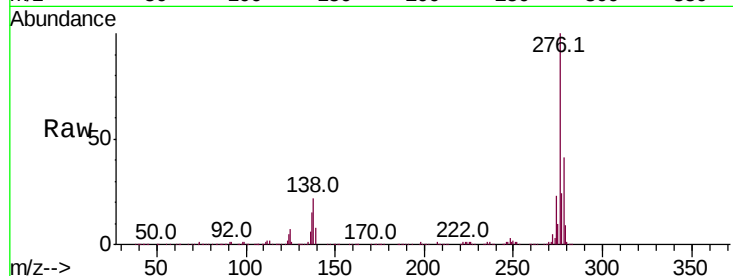




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.160 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

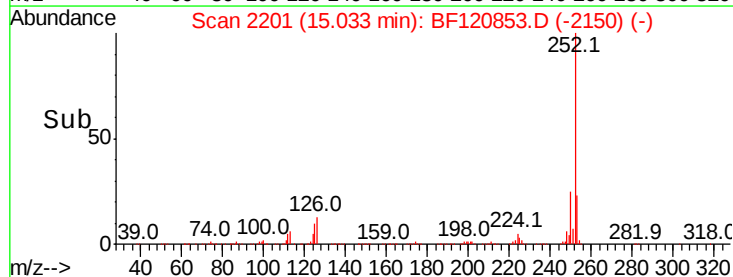
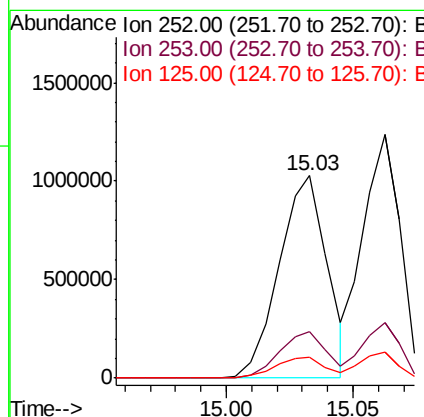
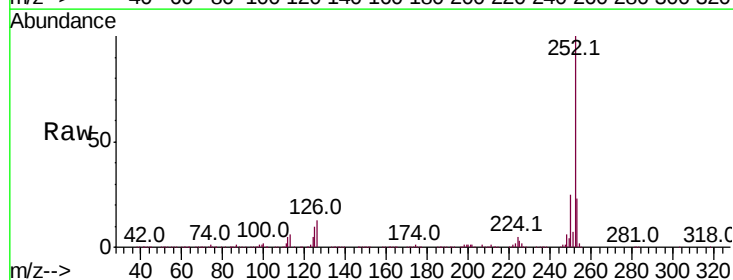
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MSD

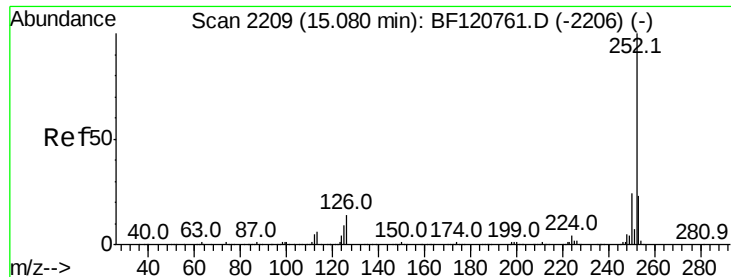
Tot Ion:276 Resp: 1223795
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.8 29.8
 277 25.0 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 49.755 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BF120853.D
 Acq: 13 Jul 2020 15:13

Tgt Ion:252 Resp: 1352038
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.0 27.0
 125 10.1 7.5 11.3

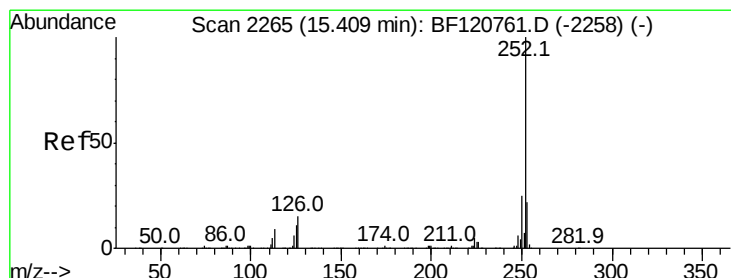
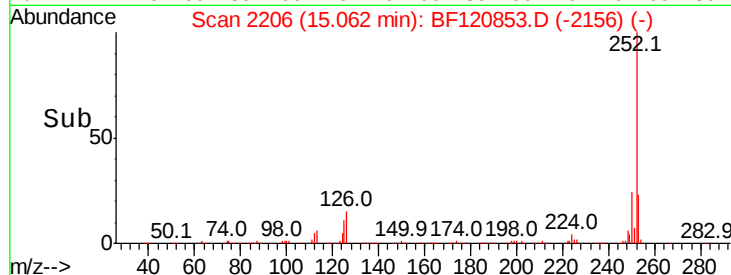
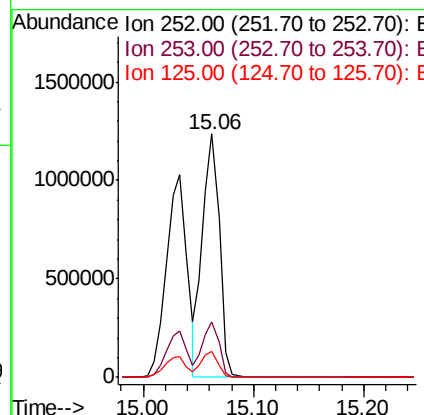
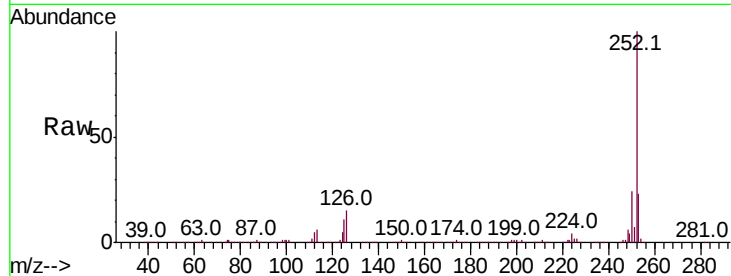




#89
Benzo(k)fluoranthene
Concen: 48.568 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

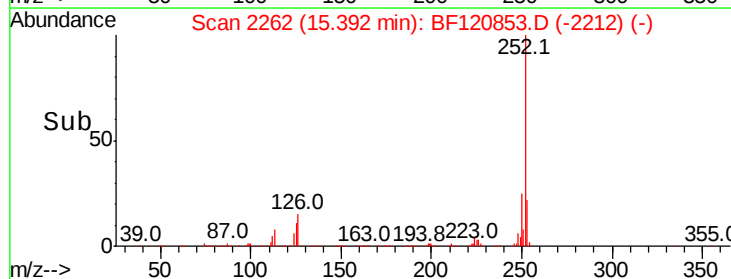
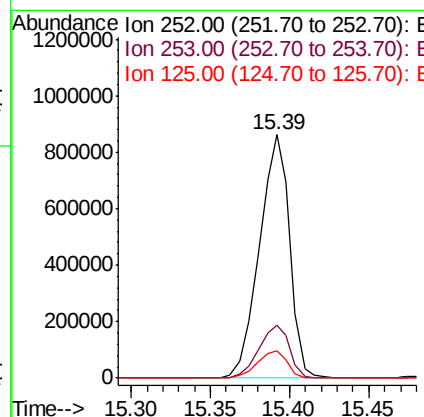
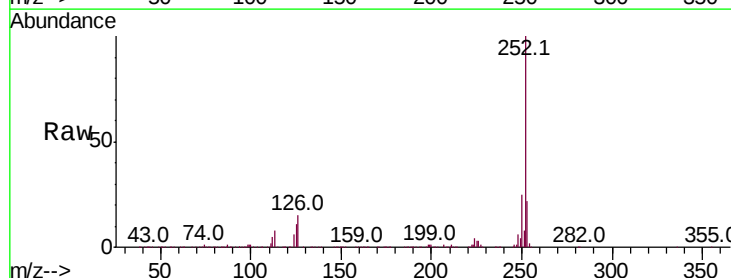
Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

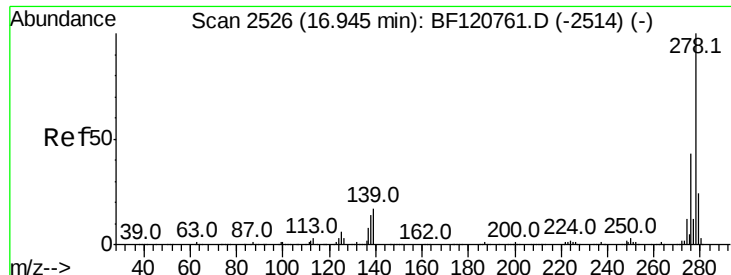
Tot Ion:252 Resp: 1284240
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.171 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:252 Resp: 1143453
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.1 9.2 13.8

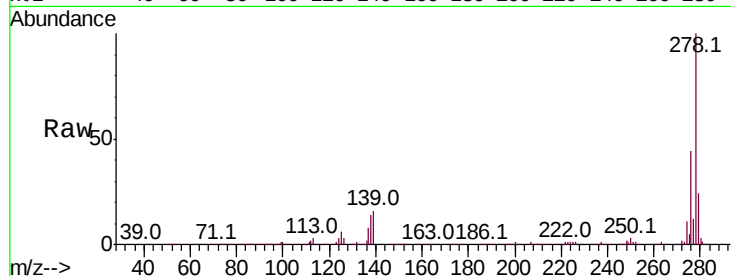




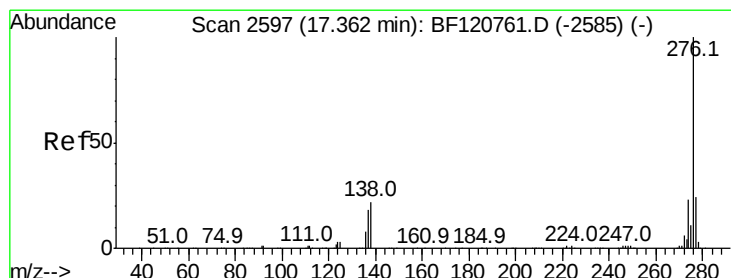
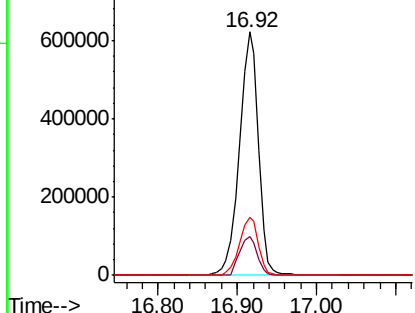
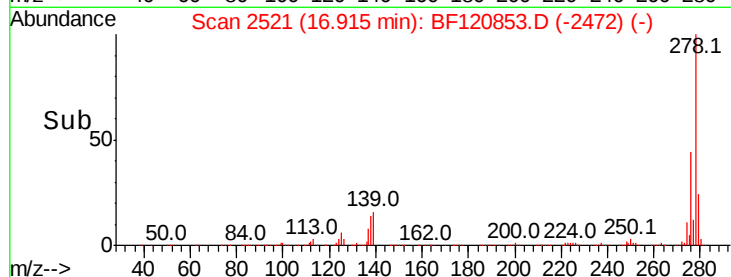
#91
Dibenzo(a,h)anthracene
Concen: 46.573 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MSD

Tot Ion:278 Resp: 1029132
Ion Ratio Lower Upper
278 100
139 15.8 13.3 19.9
279 24.1 19.0 28.6

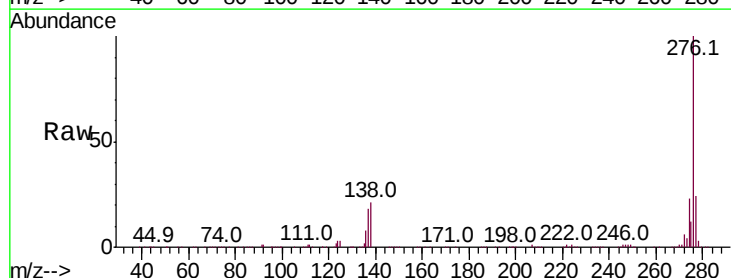


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.045 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.01 min
Lab File: BF120853.D
Acq: 13 Jul 2020 15:13

Tgt Ion:276 Resp: 990471
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.4 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

