

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120887.D
 Acq On : 16 Jul 2020 15:59
 Operator : JU/CG
 Sample : PB130244BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

Quant Time: Jul 16 16:47:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	163371	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	632167	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	337142	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	665483	20.00	ng	0.00
76) Chrysene-d12	13.97	240	539332	20.00	ng	0.00
86) Perylene-d12	15.42	264	576247	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	980785	98.42	ng	0.00
7) Phenol-d6	6.45	99	1196207	92.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	742736	67.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	377179	102.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1405342	62.24	ng	0.00
79) Terphenyl-d14	12.92	244	1545273	62.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	155512	33.907	ng	99
3) Pyridine	3.30	79	446245	36.575	ng	99
4) n-Nitrosodimethylamine	3.25	42	217286	41.648	ng	97
6) Aniline	6.47	93	567701	33.784	ng	99
8) 2-Chlorophenol	6.60	128	472713	43.059	ng	99
9) Benzaldehyde	6.36	77	130270	17.533	ng	97
10) Phenol	6.46	94	585587	41.353	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	446004	41.097	ng	98
12) 1,3-Dichlorobenzene	6.76	146	478837	40.224	ng	98
13) 1,4-Dichlorobenzene	6.83	146	479859	40.538	ng	98
14) 1,2-Dichlorobenzene	6.99	146	467018	41.703	ng	99
15) Benzyl Alcohol	6.96	79	369360	40.573	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	625175	39.967	ng	100
17) 2-Methylphenol	7.07	107	377177	38.763	ng	98
18) Hexachloroethane	7.33	117	179772	41.960	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	294110	40.179	ng	99
20) 3+4-Methylphenols	7.22	107	433422	35.015	ng	94
22) Acetophenone	7.23	105	564502	39.788	ng	99
24) Nitrobenzene	7.40	77	476733	40.486	ng	99
25) Isophorone	7.64	82	871091	39.950	ng	99
26) 2-Nitrophenol	7.72	139	249140	44.549	ng	99
27) 2,4-Dimethylphenol	7.75	122	402527	44.332	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	553719	41.602	ng	100
29) 2,4-Dichlorophenol	7.96	162	391253	42.168	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	415136	40.328	ng	100
31) Naphthalene	8.12	128	1296981	39.997	ng	100
32) Benzoic acid	7.87	122	310163	45.505	ng	98
33) 4-Chloroaniline	8.17	127	393395	27.195	ng	98
34) Hexachlorobutadiene	8.24	225	239463	39.461	ng	98
35) Caprolactam	8.54	113	78942	26.531	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	413872	43.493	ng	97
37) 2-Methylnaphthalene	8.81	142	882667	41.922	ng	99
38) 1-Methylnaphthalene	8.91	142	839831	42.115	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	379629	38.647	ng	99

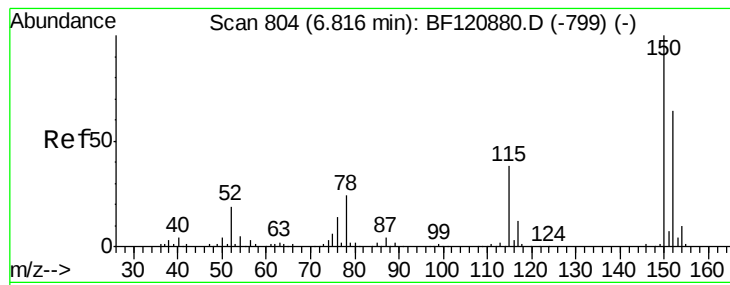
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120887.D
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 Operator : JU/CG
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 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	459587	84.656	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	292166	42.244	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	318813	40.638	ng	98
46) 1,1'-Biphenyl	9.27	154	1047591	40.735	ng	100
47) 2-Chloronaphthalene	9.30	162	834803	39.814	ng	99
48) 2-Nitroaniline	9.39	65	267701	42.248	ng	98
49) Acenaphthylene	9.72	152	1332607	40.911	ng	100
50) Dimethylphthalate	9.58	163	1002965	41.236	ng	99
51) 2,6-Dinitrotoluene	9.64	165	231007	44.208	ng	90
52) Acenaphthene	9.89	154	930581	44.936	ng	99
53) 3-Nitroaniline	9.80	138	191285	29.187	ng	99
54) 2,4-Dinitrophenol	9.91	184	245806	81.576	ng	90
55) Dibenzofuran	10.06	168	1212072	40.473	ng	100
56) 4-Nitrophenol	9.97	139	429828	86.339	ng	98
57) 2,4-Dinitrotoluene	10.04	165	314168	45.782	ng	91
58) Fluorene	10.40	166	866961	38.815	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	273975	45.867	ng	98
60) Diethylphthalate	10.28	149	1046163	42.524	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	424597	35.641	ng	100
62) 4-Nitroaniline	10.42	138	257169	40.283	ng	96
63) Azobenzene	10.56	77	982579	41.952	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	170903	44.663	ng	91
66) n-Nitrosodiphenylamine	10.52	169	875222	41.807	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	297364	40.078	ng	# 90
68) Hexachlorobenzene	10.95	284	332556	41.434	ng	98
69) Atrazine	11.04	200	259324	50.018	ng	98
70) Pentachlorophenol	11.14	266	396135	86.153	ng	99
71) Phenanthrene	11.36	178	1377656	40.252	ng	99
72) Anthracene	11.42	178	1443857	42.012	ng	99
73) Carbazole	11.57	167	1360155	39.879	ng	100
74) Di-n-butylphthalate	11.90	149	1648798	41.891	ng	100
75) Fluoranthene	12.55	202	1583014	41.728	ng	98
77) Benzidine	12.67	184	798051	56.280	ng	99
78) Pyrene	12.78	202	1607392	42.155	ng	99
80) Butylbenzylphthalate	13.40	149	749121	44.070	ng	99
81) Benzo(a)anthracene	13.96	228	1273380	38.990	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	419788	34.070	ng	99
83) Chrysene	14.00	228	1418826	41.339	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	836650	39.915	ng	100
85) Di-n-octyl phthalate	14.57	149	1777021	42.613	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1546747	38.596	ng	100
88) Benzo(b)fluoranthene	15.00	252	1496188	42.954	ng	100
89) Benzo(k)fluoranthene	15.03	252	1427972	44.952	ng	100
90) Benzo(a)pyrene	15.36	252	1347562	42.404	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1287306	39.324	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1221246	37.836	ng	99

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

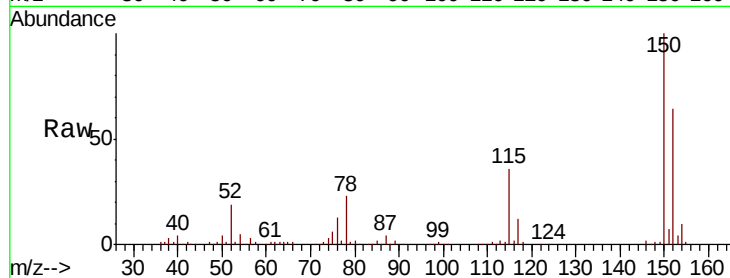


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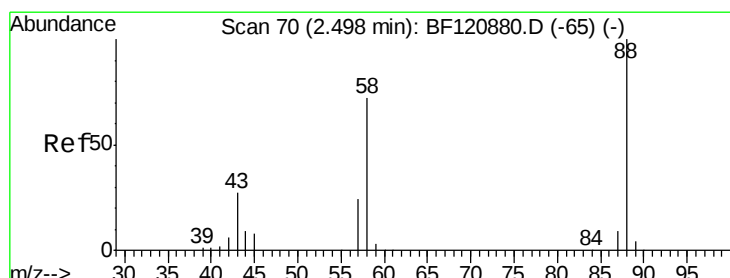
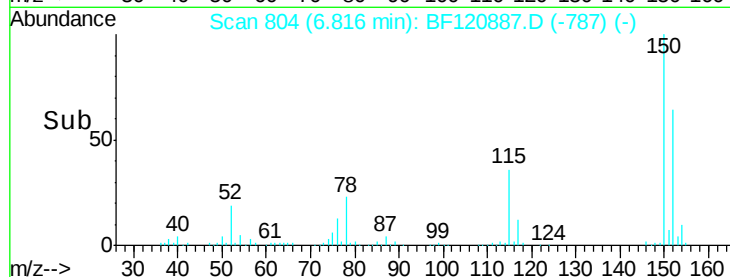
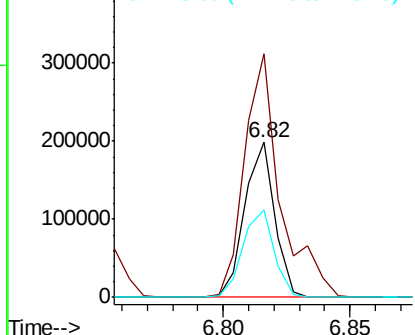
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:152 Resp: 163371
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 56.2 47.0 70.4



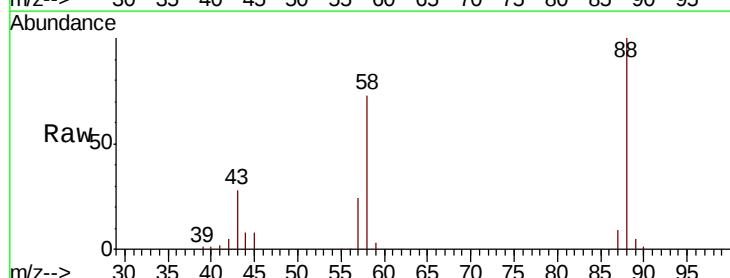
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



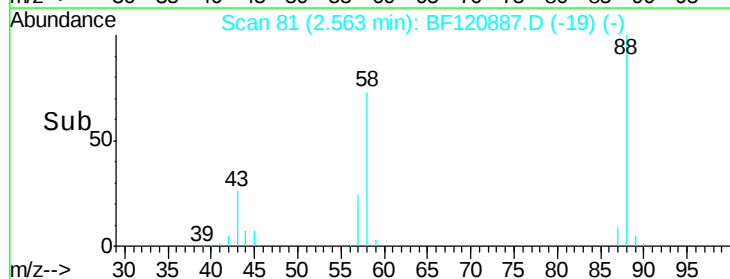
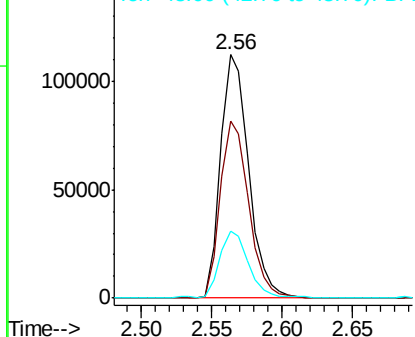
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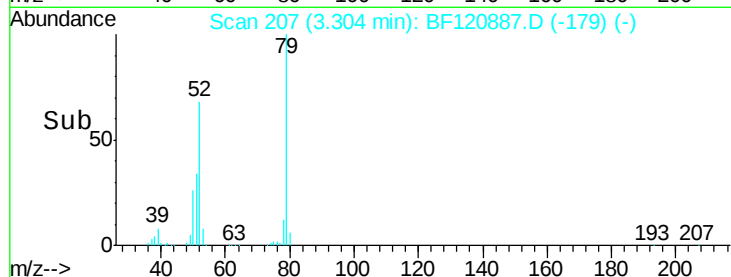
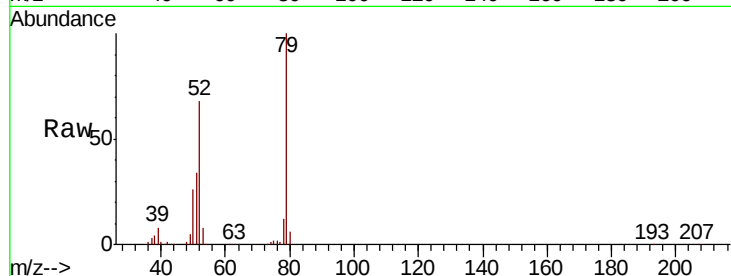
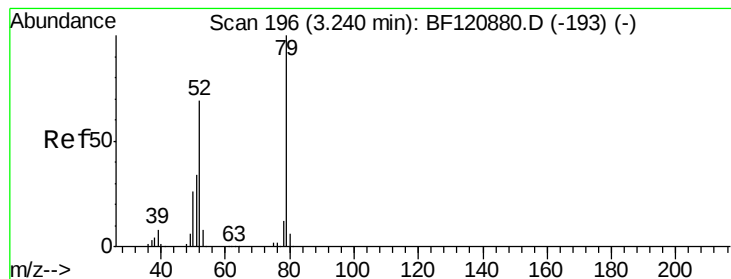
1,4-Dioxane
Concen: 33.907 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.06 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion: 88 Resp: 155512
Ion Ratio Lower Upper
88 100
58 73.4 58.2 87.2
43 29.2 22.1 33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.575 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.06 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

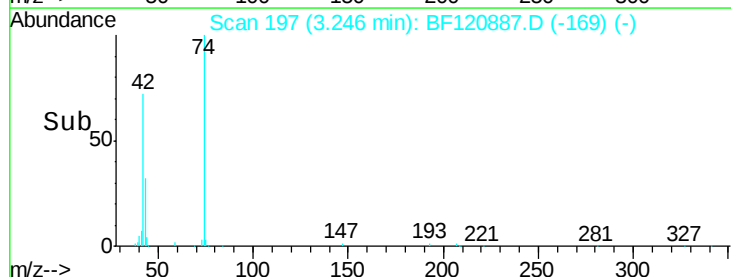
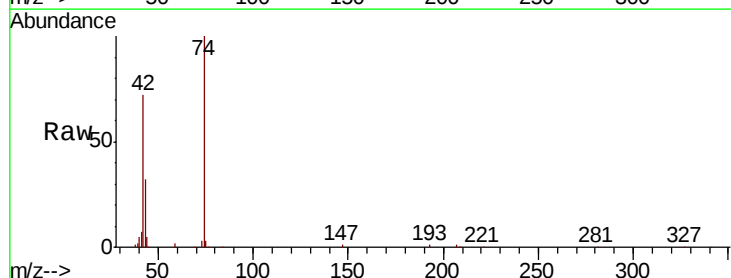
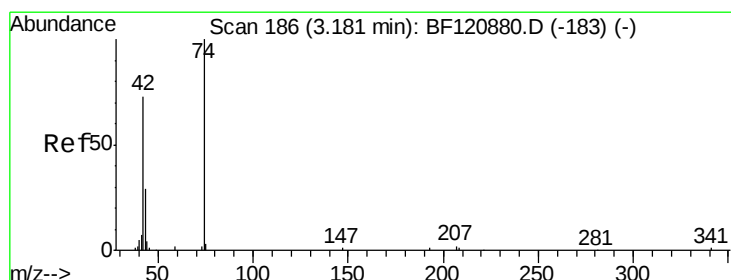
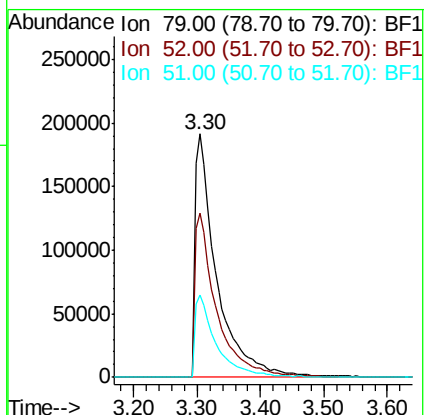
Tot Ion: 79 Resp: 446245

Ion Ratio Lower Upper

79 100

52 67.5 55.0 82.6

51 33.9 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 41.648 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.06 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

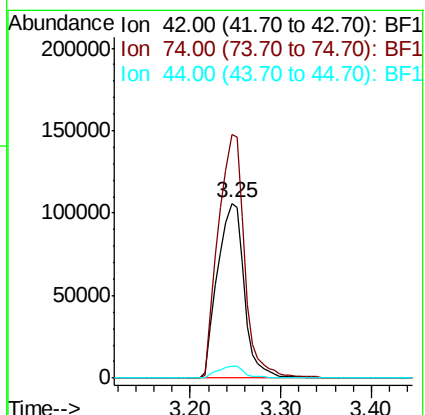
Tgt Ion: 42 Resp: 217286

Ion Ratio Lower Upper

42 100

74 139.5 108.7 163.1

44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 98.417 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

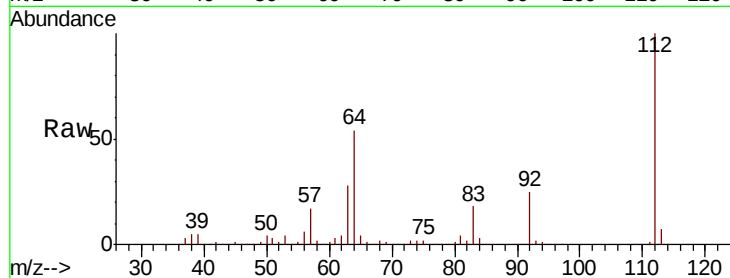
Tot Ion: 112 Resp: 980785

Ion Ratio Lower Upper

112 100

64 53.9 41.3 61.9

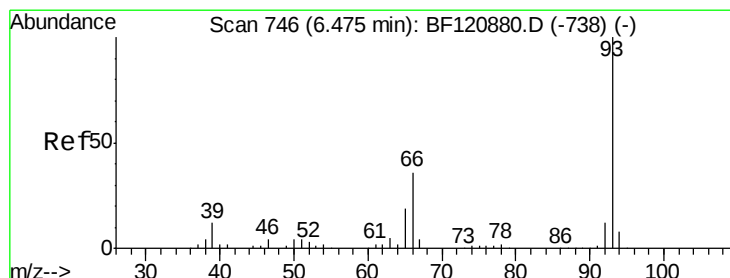
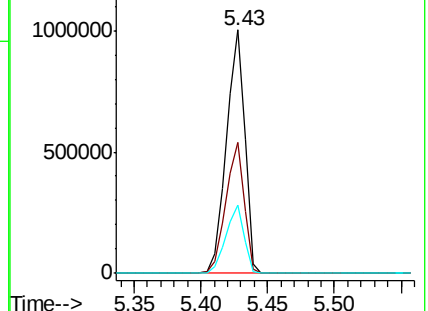
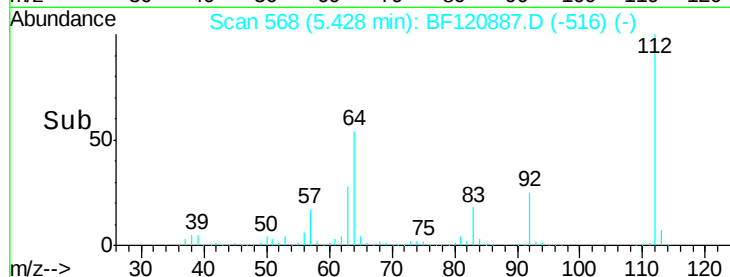
63 27.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.784 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

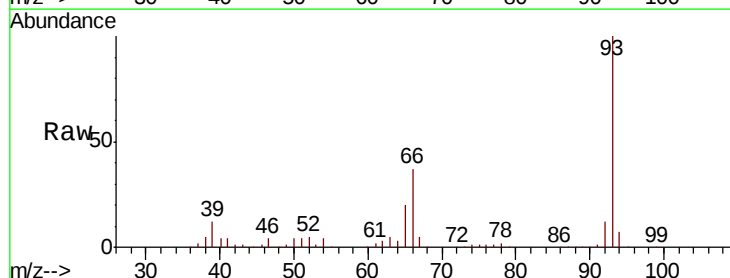
Tgt Ion: 93 Resp: 567701

Ion Ratio Lower Upper

93 100

66 36.6 30.2 45.4

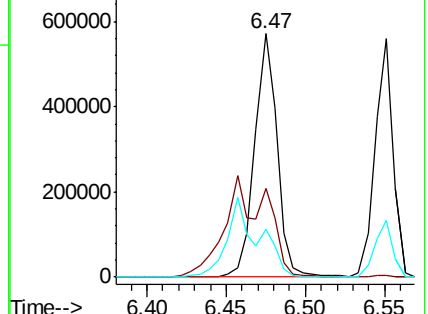
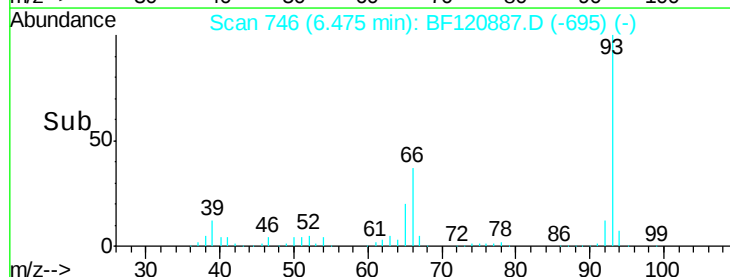
65 19.5 15.8 23.6



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: 92.924 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

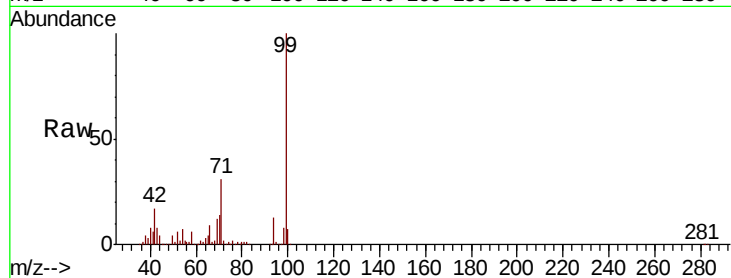
BNA_F

ClientSampleId :

PB130244BS

Tot Ion: 99 Resp: 1196207

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.1	19.7
71	31.0	24.2	36.4

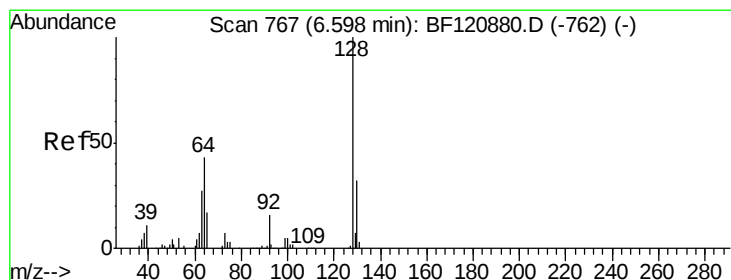
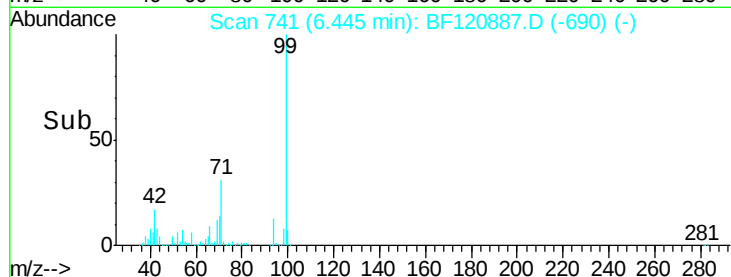
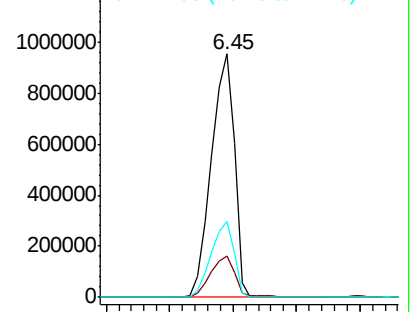


Abundance

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: 43.059 ng

RT: 6.60 min Scan# 767

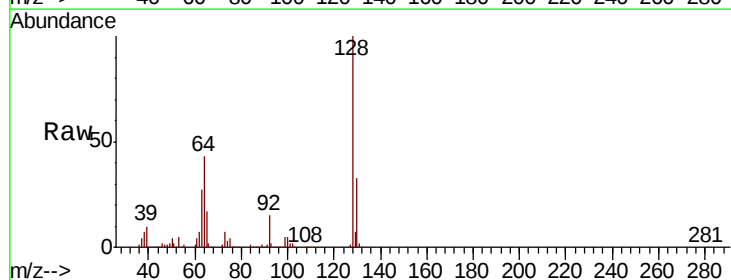
Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Tgt Ion: 128 Resp: 472713

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	42.9	24.0	64.0

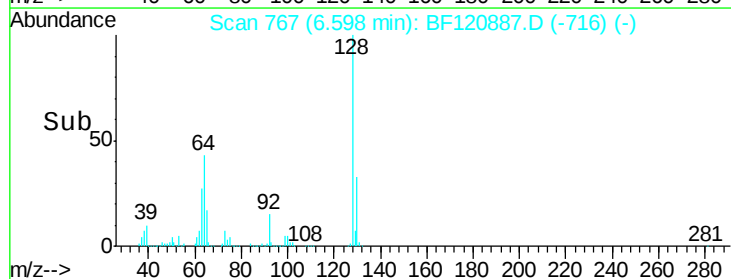
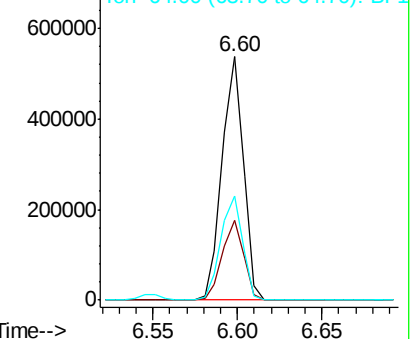


Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.533 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

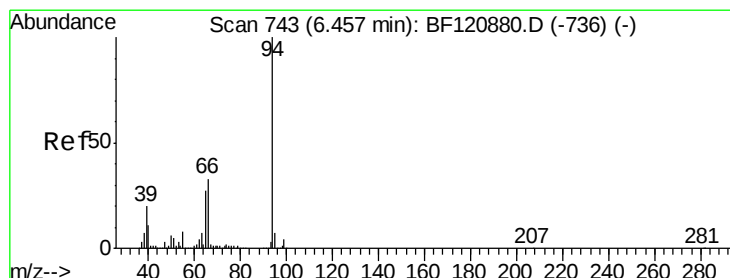
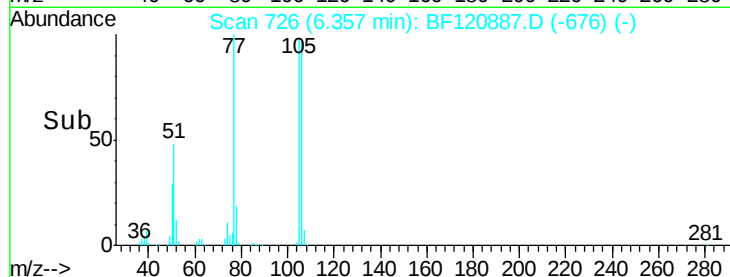
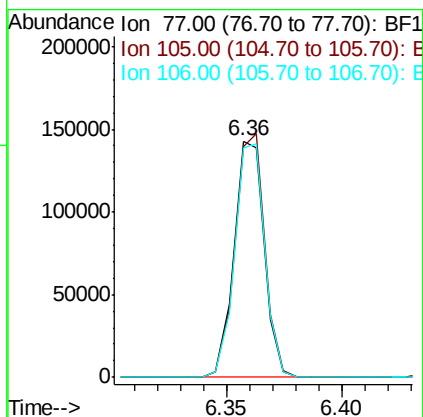
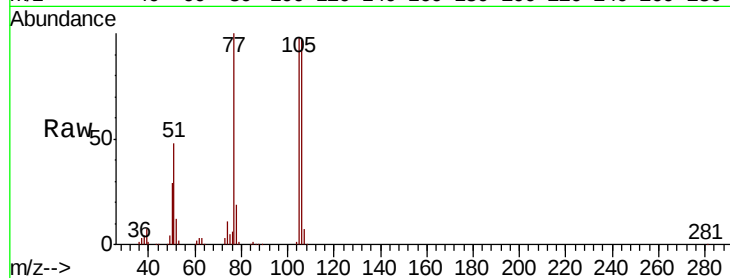
Tot Ion: 77 Resp: 130270

Ion Ratio Lower Upper

77 100

105 97.9 82.5 122.5

106 96.9 78.7 118.7



#10

Phenol

Concen: 41.353 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

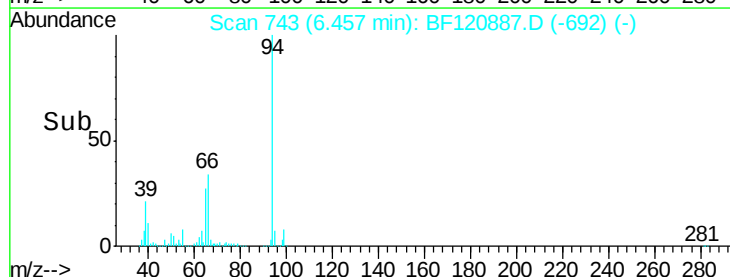
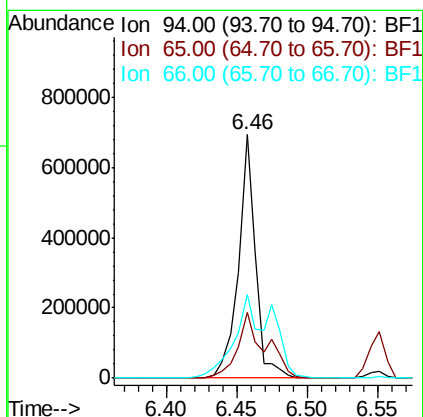
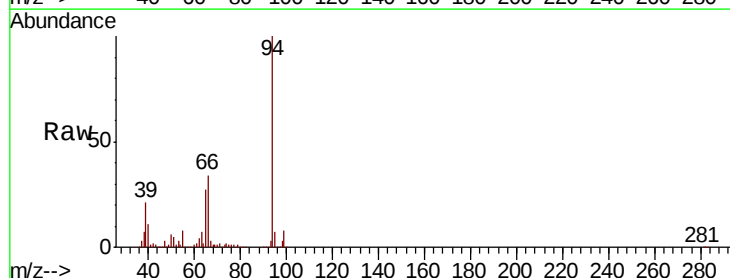
Tgt Ion: 94 Resp: 585587

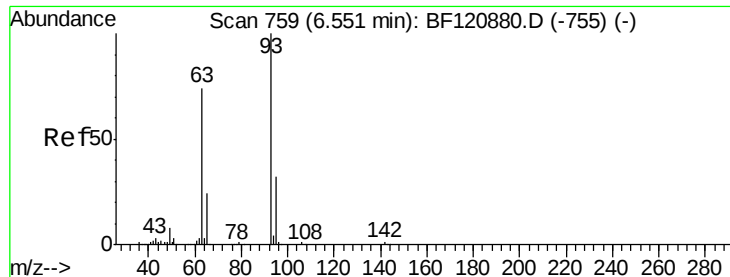
Ion Ratio Lower Upper

94 100

65 27.0 6.6 46.6

66 34.2 13.2 53.2

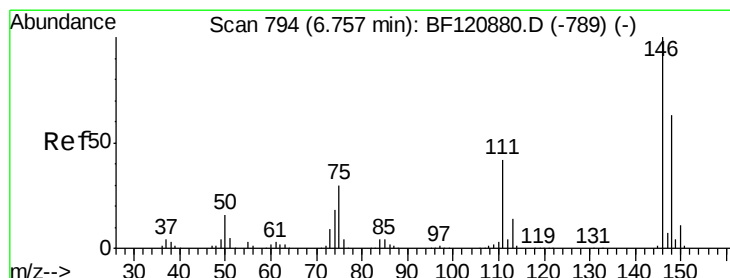
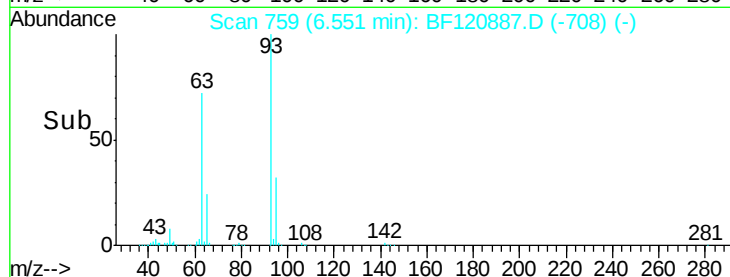
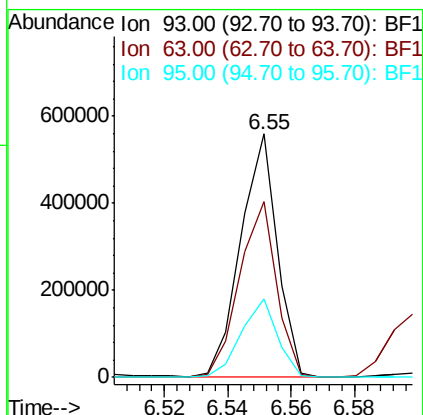
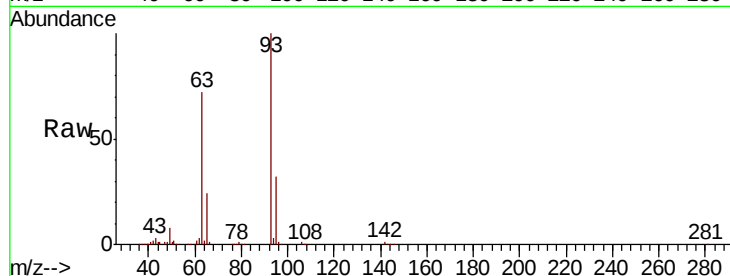




#11
bis(2-Chloroethyl)ether
Concen: 41.097 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

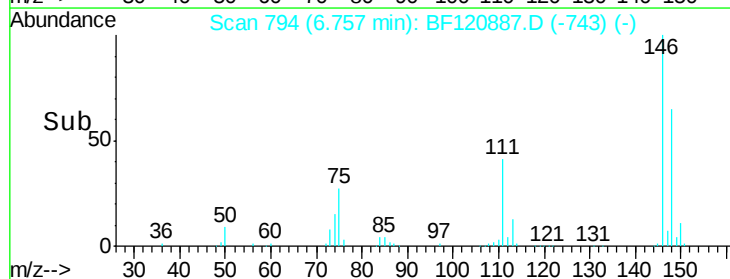
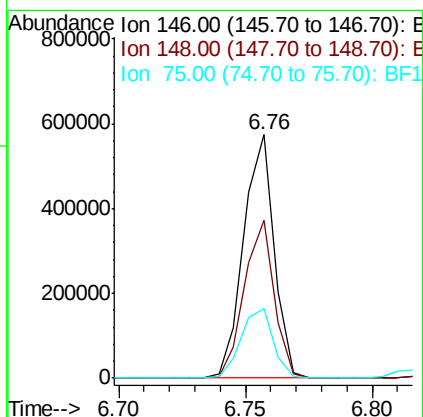
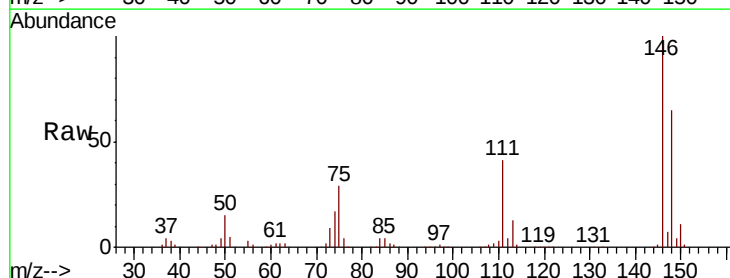
Instrument :
BNA_F
ClientSampleId :
PB130244BS

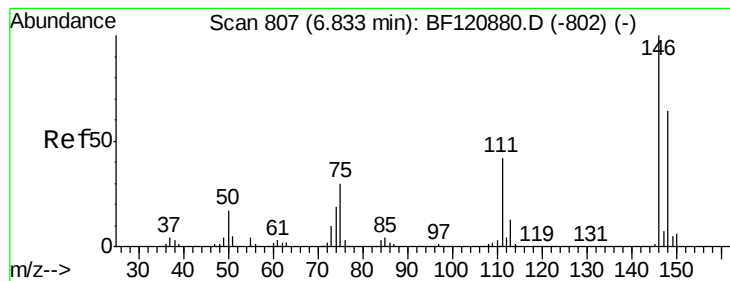
Tot Ion: 93 Resp: 446004
Ion Ratio Lower Upper
93 100
63 72.1 54.2 94.2
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.224 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion: 146 Resp: 478837
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 28.7 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 40.538 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

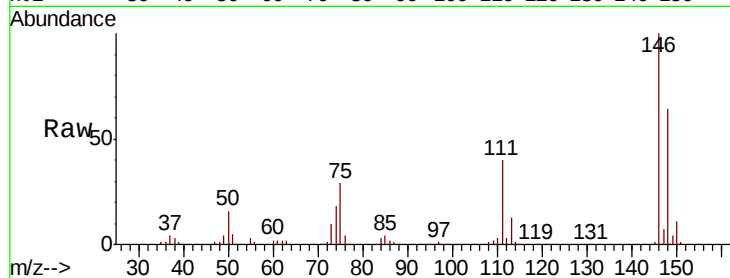
Tot Ion:146 Resp: 479859

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

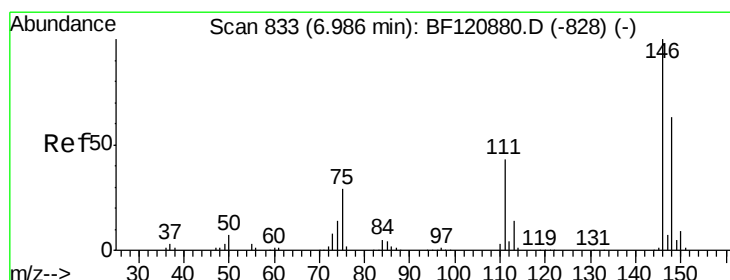
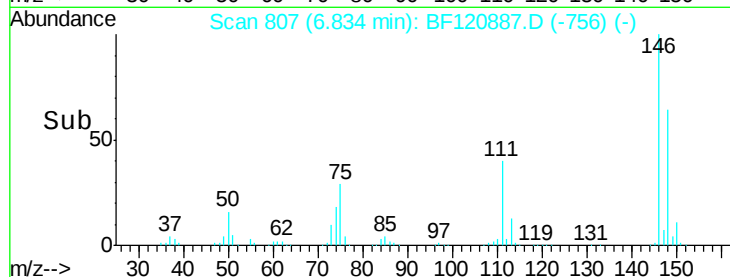
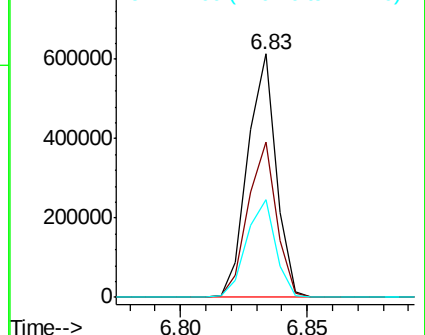
111 40.0 33.5 50.3



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: 41.703 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

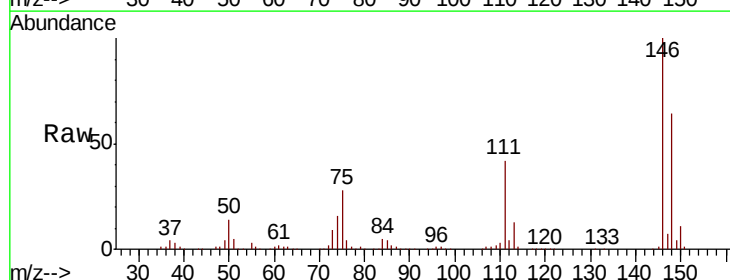
Tgt Ion:146 Resp: 467018

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

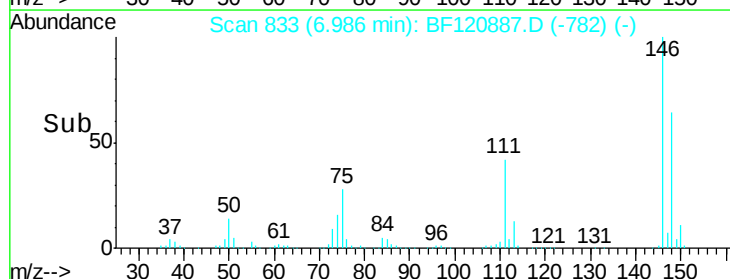
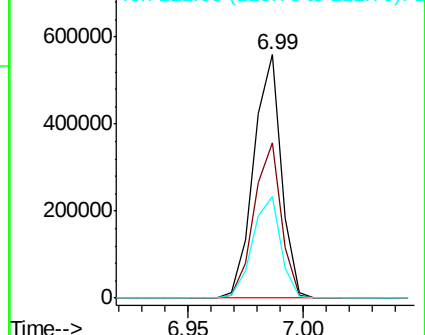
111 41.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.573 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

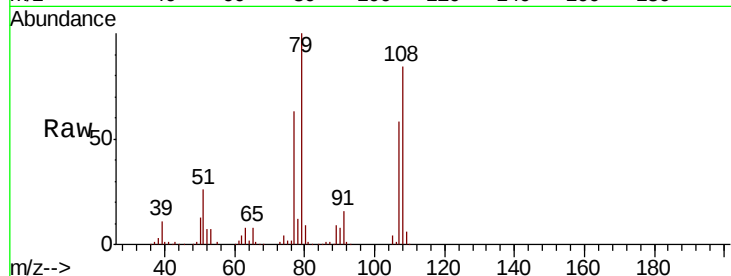
Tot Ion: 79 Resp: 369360

Ion Ratio Lower Upper

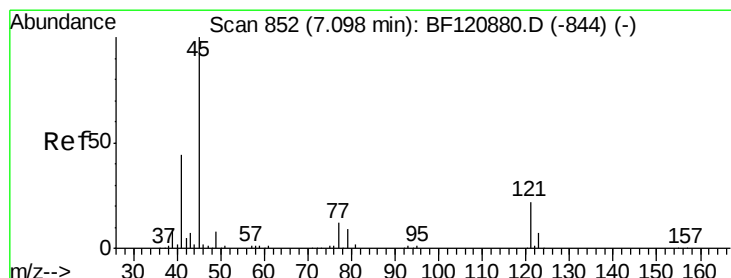
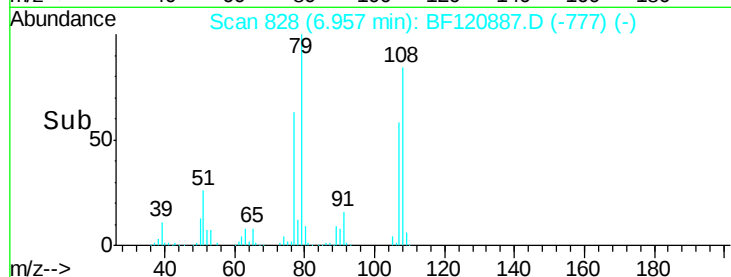
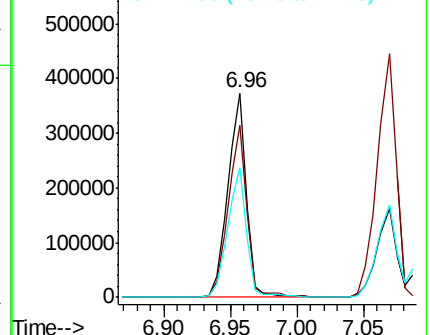
79 100

108 84.2 67.0 100.6

77 63.4 51.0 76.4



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: 39.967 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

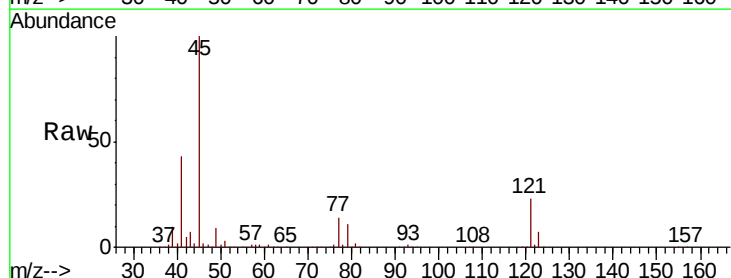
Tgt Ion: 45 Resp: 625175

Ion Ratio Lower Upper

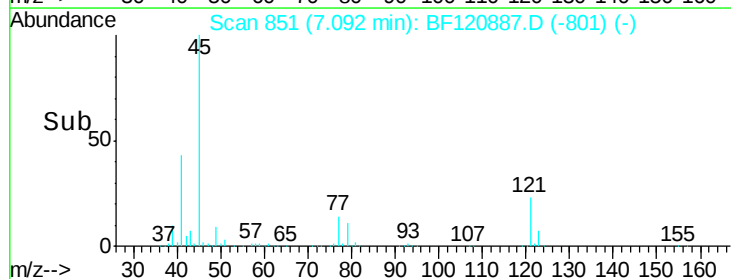
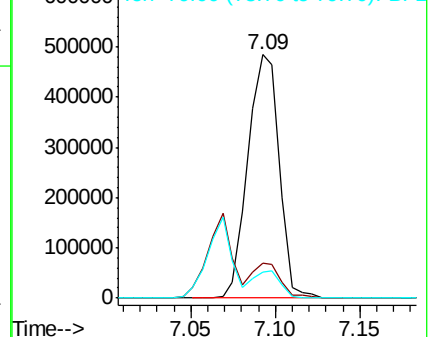
45 100

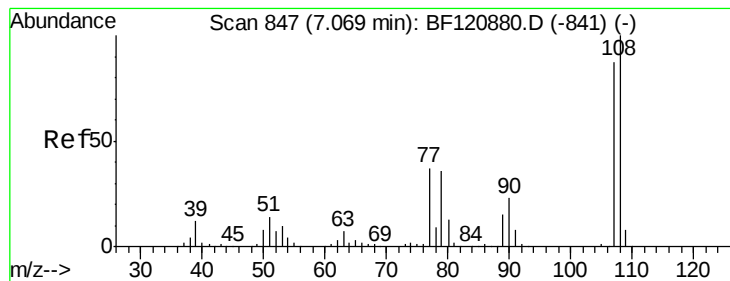
77 14.2 0.0 34.3

79 10.8 0.0 31.0



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

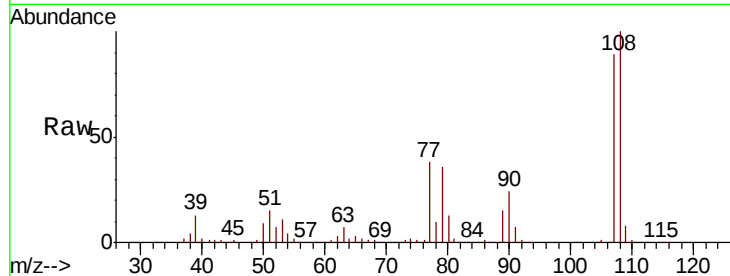




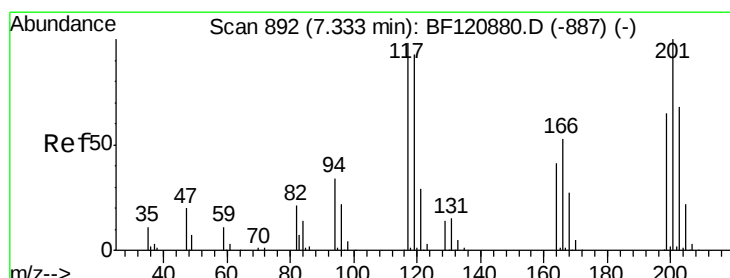
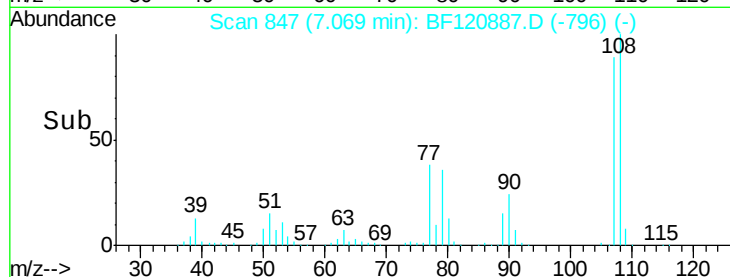
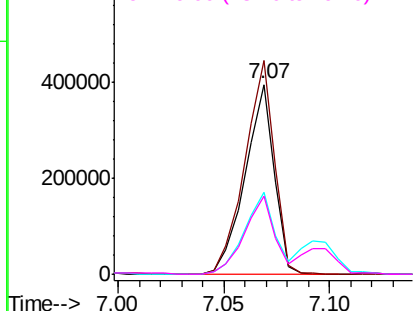
#17
2-Methylphenol
Concen: 38.763 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:	107	Resp:	377177
Ion	Ratio	Lower	Upper
107	100		
108	112.5	92.0	138.0
77	42.8	34.0	51.0
79	40.9	33.3	49.9

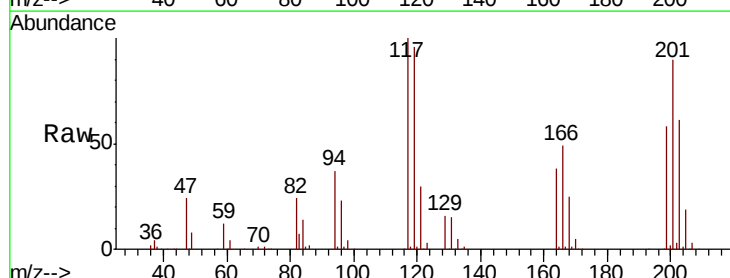


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

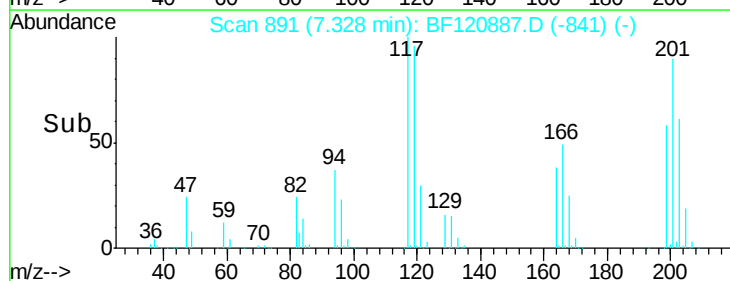
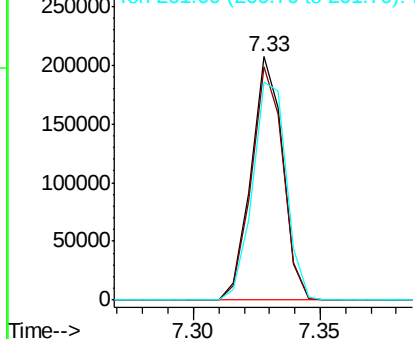


#18
Hexachloroethane
Concen: 41.960 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:	117	Resp:	179772
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.0	114.0
201	89.7	81.7	122.5



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

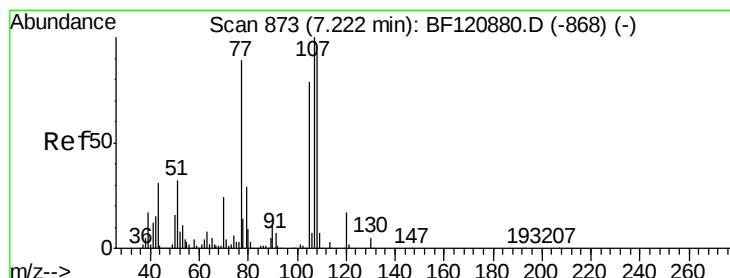
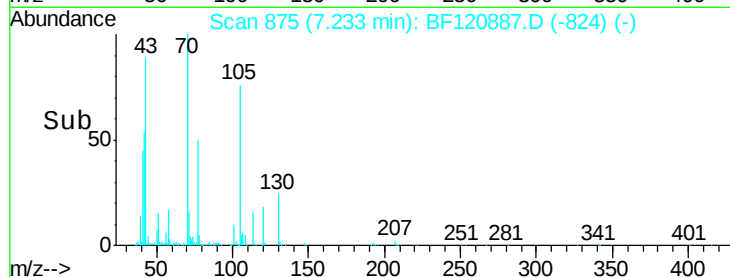
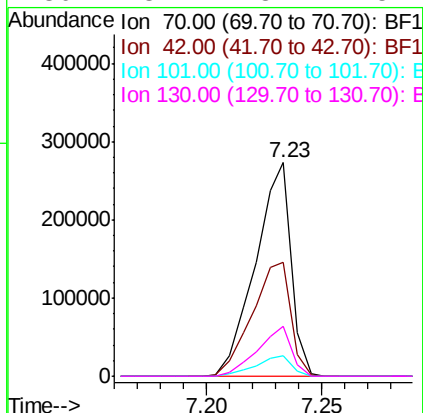
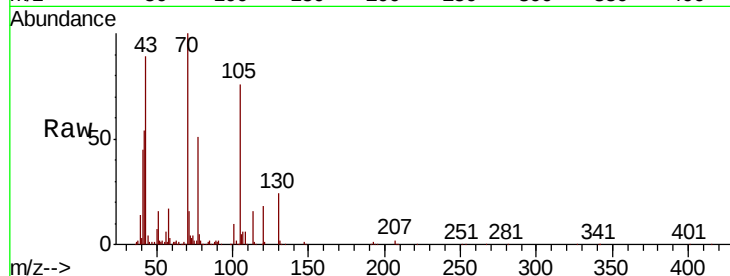




#19
n-Nitroso-di-n-propylamine
Concen: 40.179 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

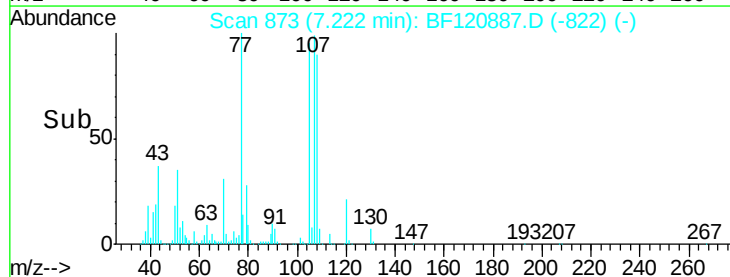
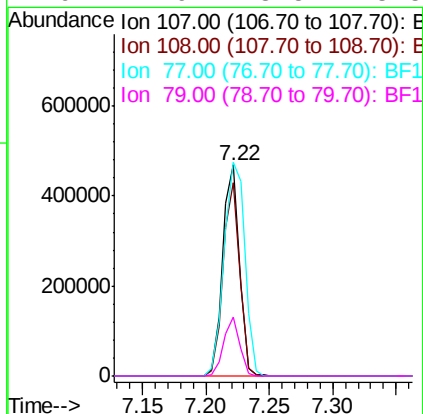
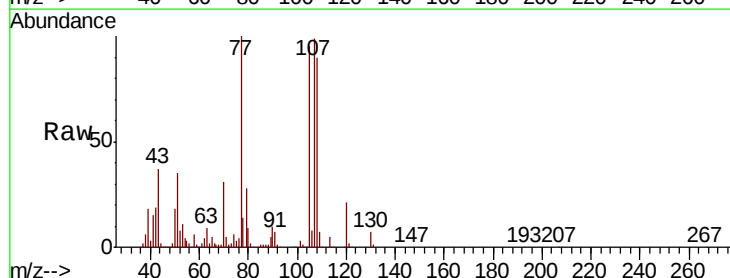
Instrument :
BNA_F
ClientSampleId :
PB130244BS

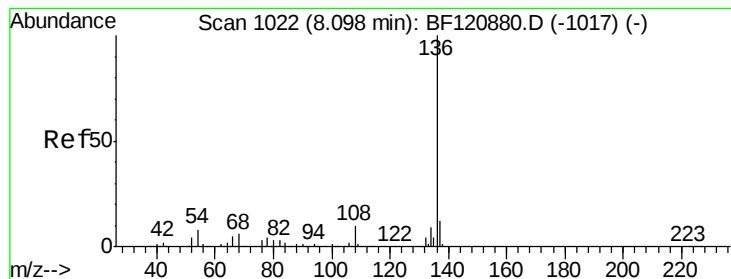
Tot Ion:	70	Resp:	294110
Ion	Ratio	Lower	Upper
70	100		
42	53.5	44.0	66.0
101	9.8	7.8	11.6
130	23.7	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.015 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:	107	Resp:	433422
Ion	Ratio	Lower	Upper
107	100		
108	91.5	72.8	112.8
77	101.3	68.7	108.7
79	27.9	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

Tot Ion:136 Resp: 632167

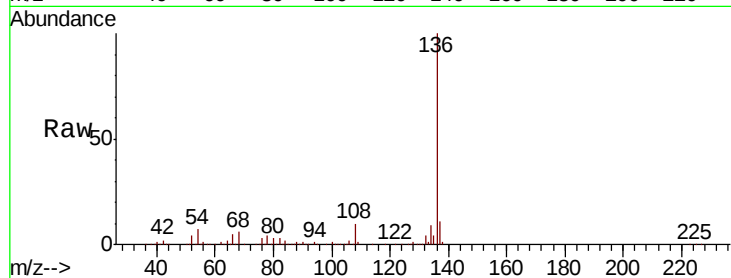
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.5 6.3 9.5

68 6.0 5.0 7.4

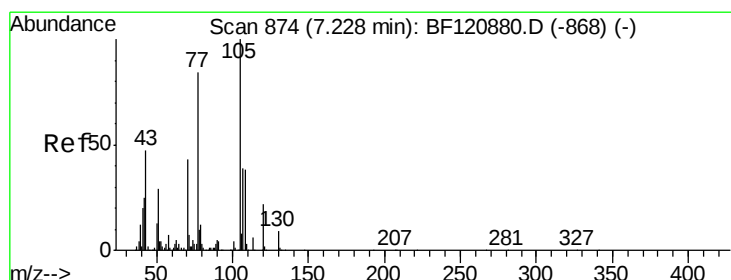
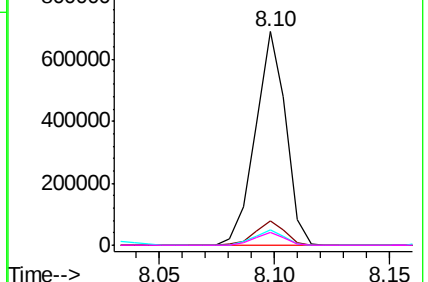
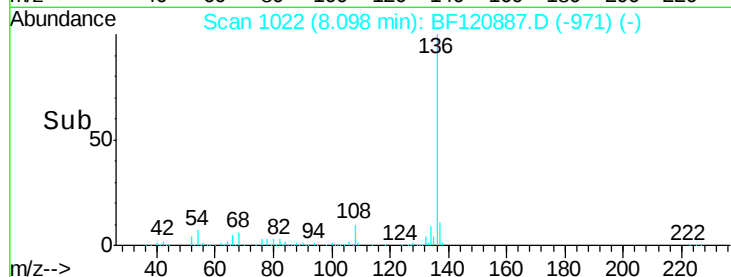


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.788 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Tgt Ion:105 Resp: 564502

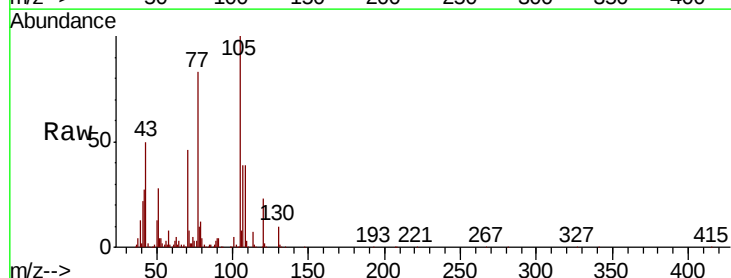
Ion Ratio Lower Upper

105 100

71 7.8 5.7 8.5

51 27.8 22.9 34.3

120 22.8 18.0 27.0

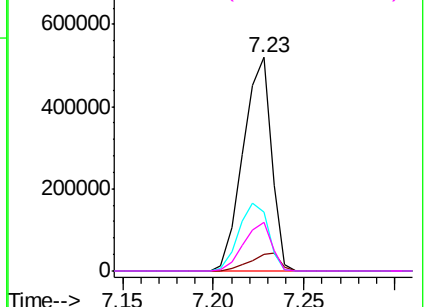
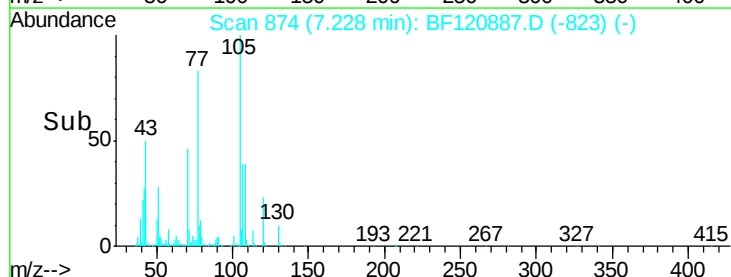


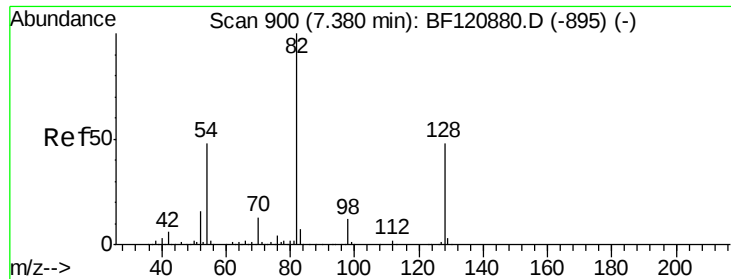
Abundance Ion 105.00 (104.70 to 105.70): E

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

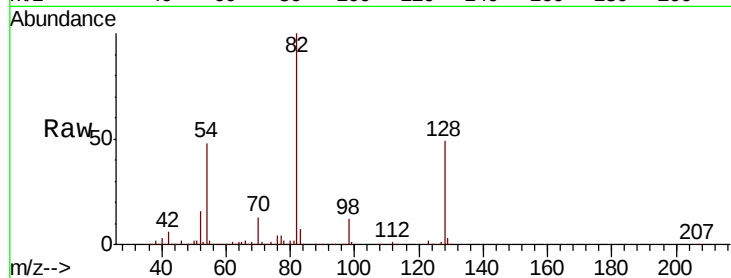




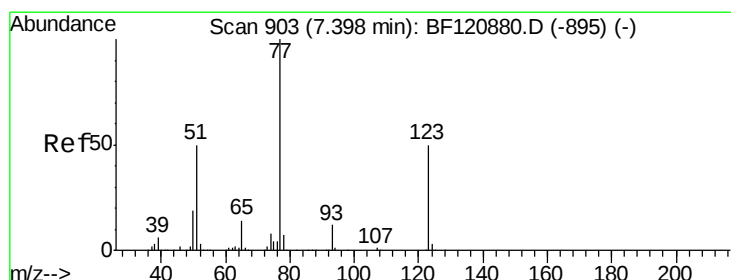
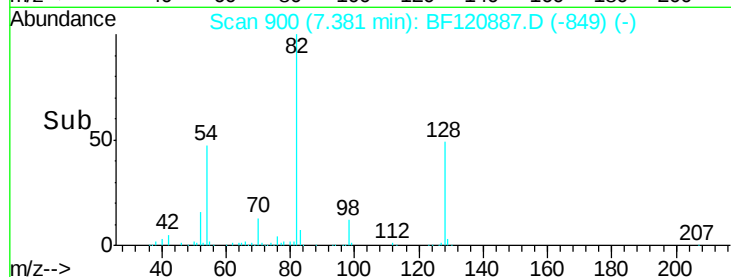
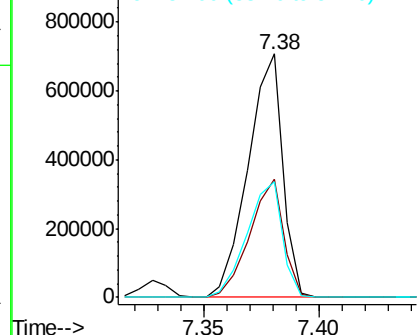
#23
Nitrobenzene-d5
Concen: 67.984 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.4
54	47.5	38.7	58.1

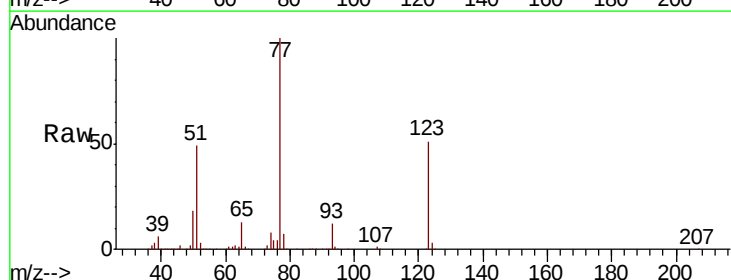


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

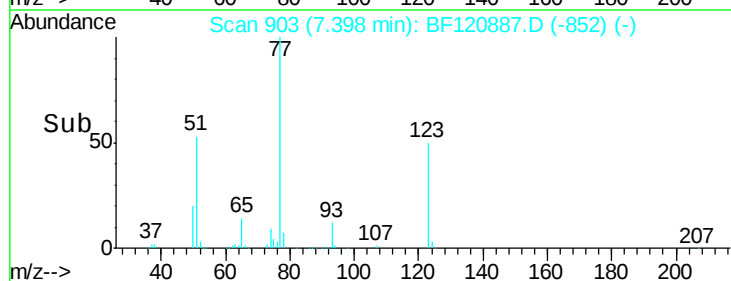
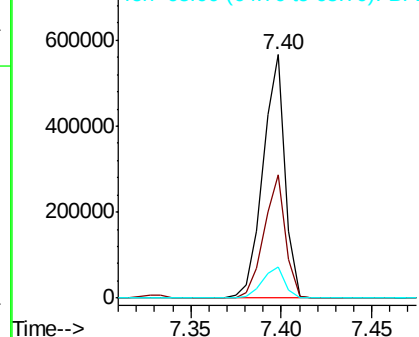


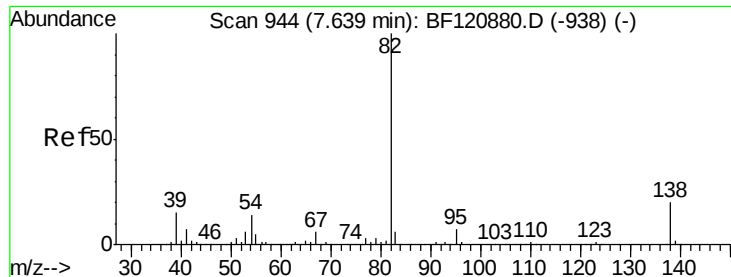
#24
Nitrobenzene
Concen: 40.486 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	40.1	60.1
65	12.9	10.8	16.2



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: 39.950 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

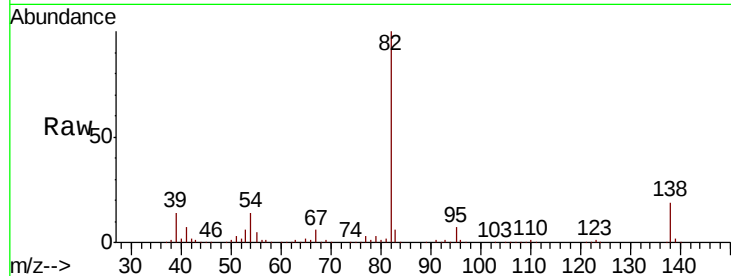
Tot Ion: 82 Resp: 871091

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

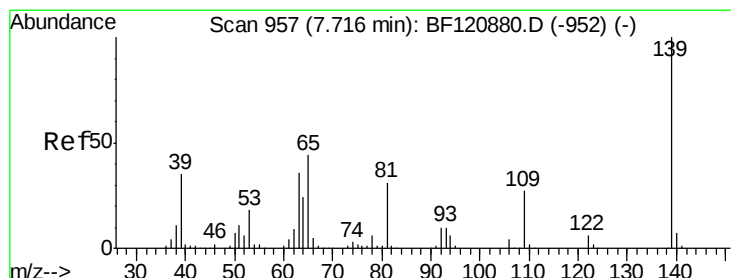
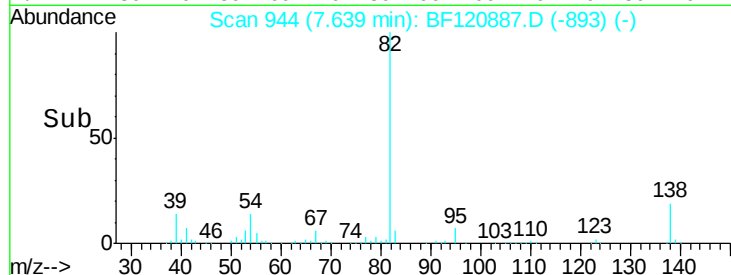
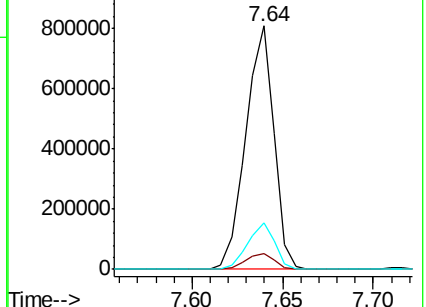
138 19.0 15.6 23.4



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: 44.549 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

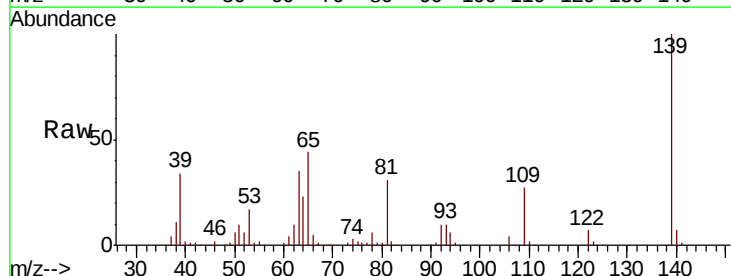
Tgt Ion: 139 Resp: 249140

Ion Ratio Lower Upper

139 100

109 27.0 21.6 32.4

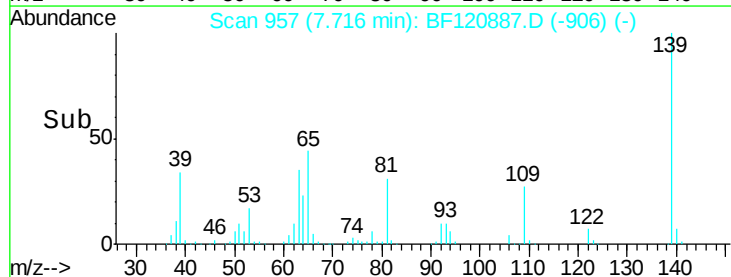
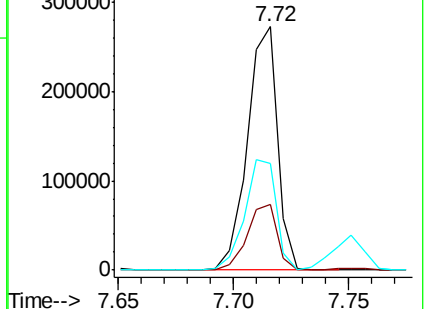
65 43.6 35.3 52.9

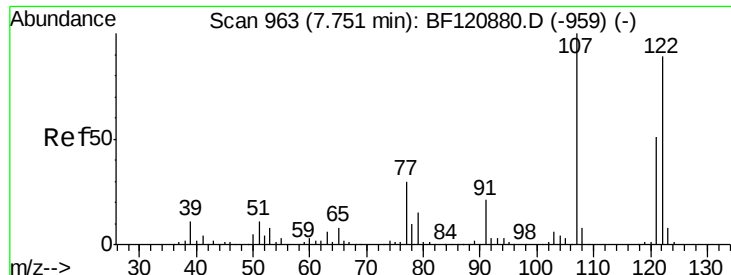


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

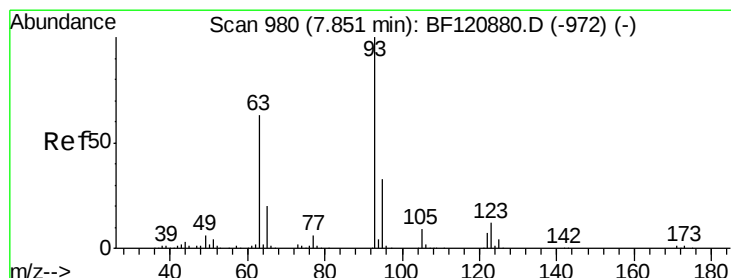
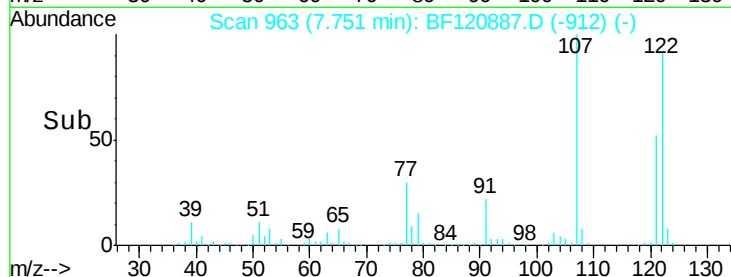
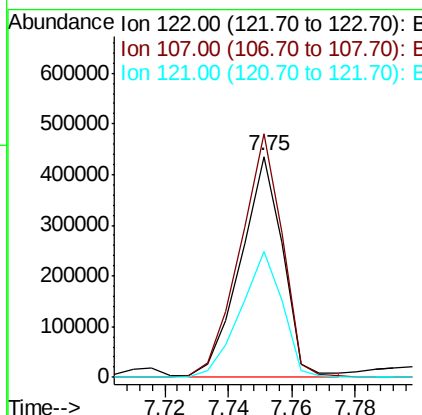
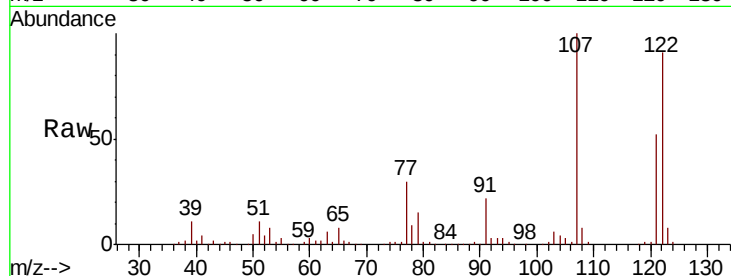




#27
 2,4-Dimethylphenol
 Concen: 44.332 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

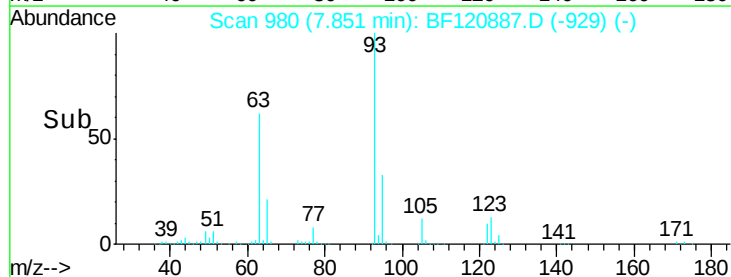
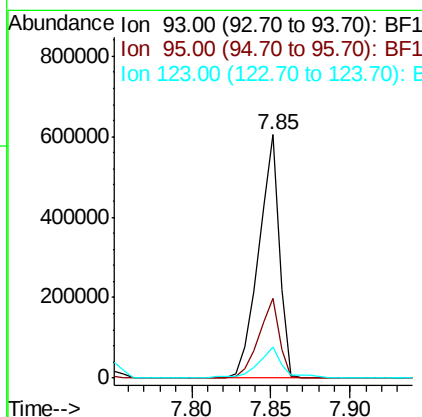
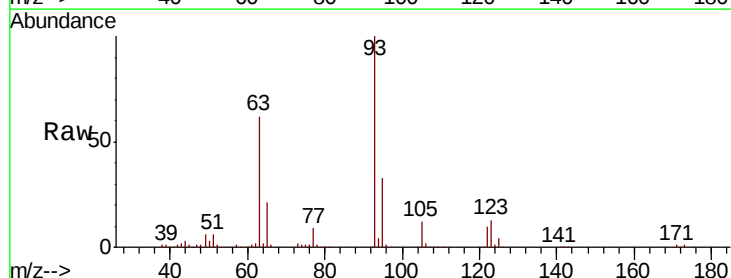
Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

Tot Ion:122 Resp: 402527
 Ion Ratio Lower Upper
 122 100
 107 110.1 89.4 134.0
 121 57.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.602 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion: 93 Resp: 553719
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 39.8
 123 12.6 10.0 15.0

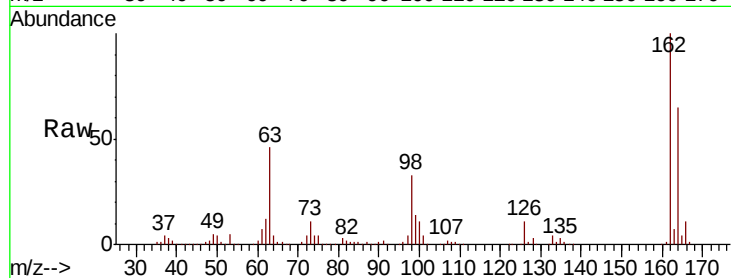




#29
2,4-Dichlorophenol
Concen: 42.168 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.3	85.3
98	32.9	13.3	53.3

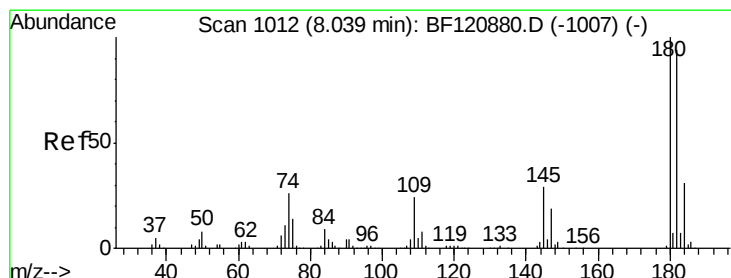
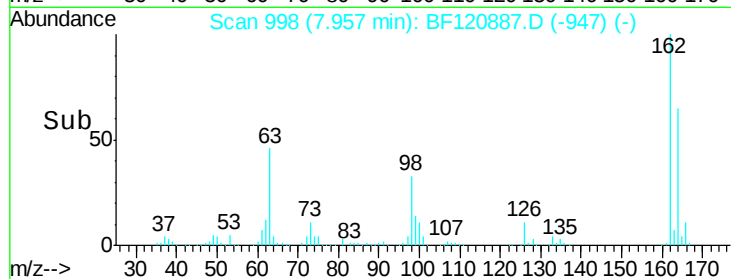
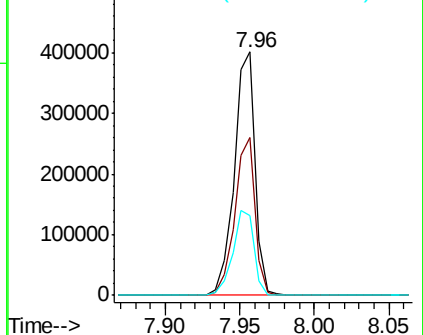


Abundance

Ion 162.00 (161.70 to 162.70): E

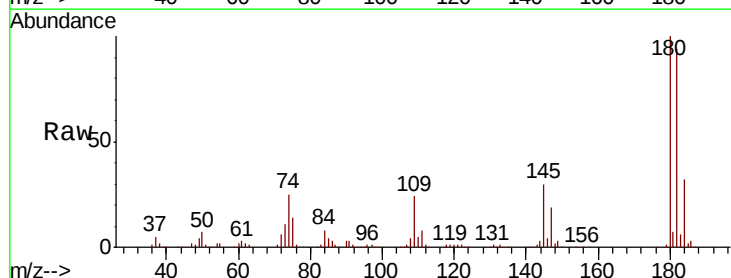
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.328 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.0	112.6
145	29.9	23.5	35.3

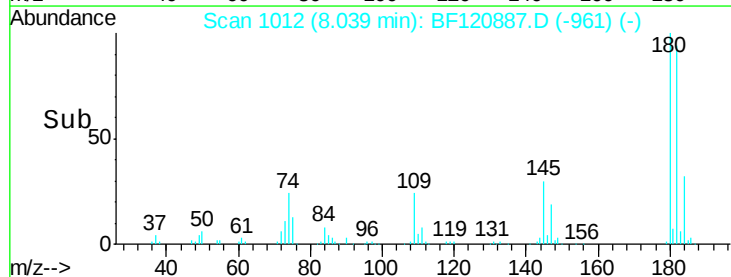
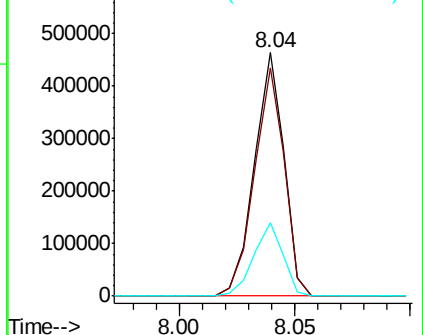


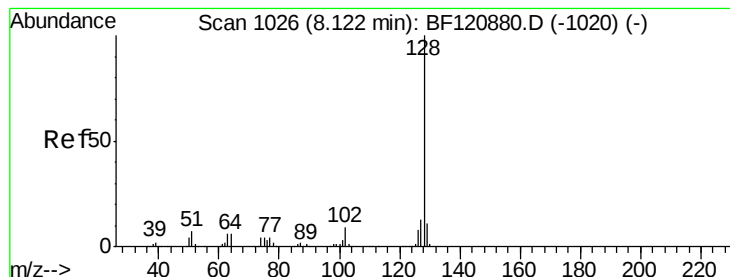
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.997 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

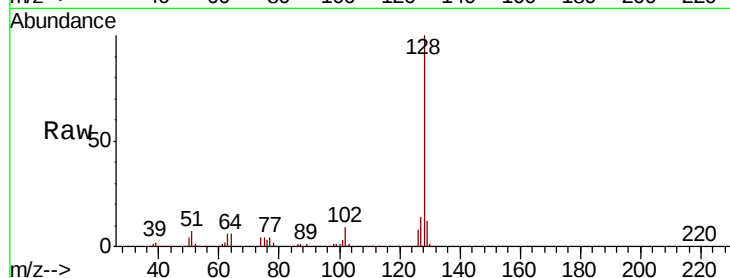
Tot Ion:128 Resp: 1296981

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

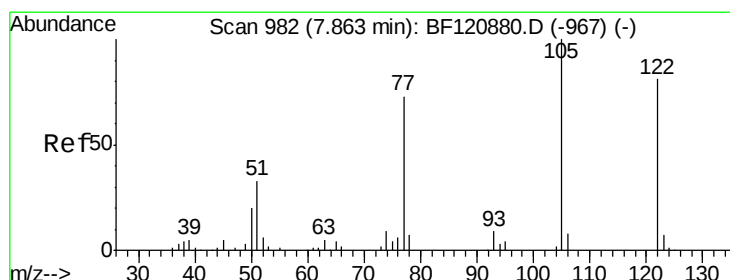
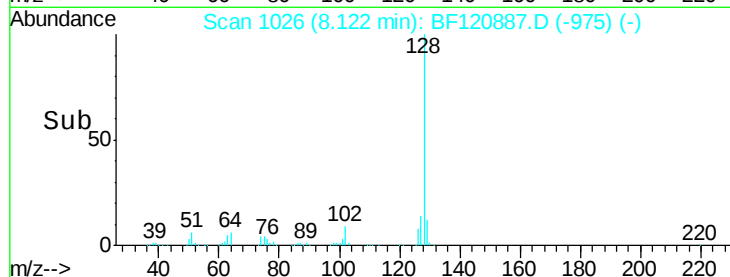
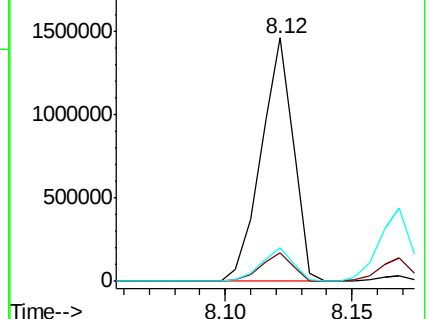
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.505 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

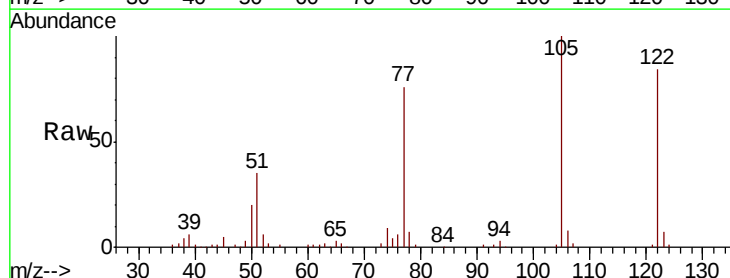
Tgt Ion:122 Resp: 310163

Ion Ratio Lower Upper

122 100

105 119.3 101.3 141.3

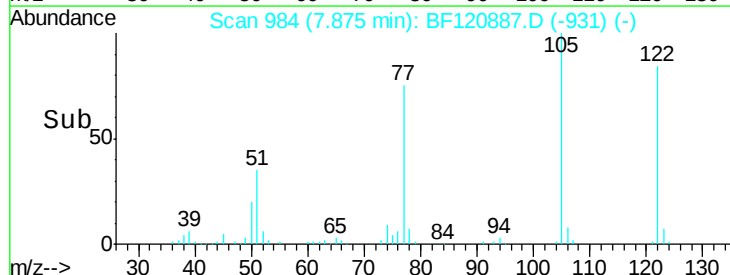
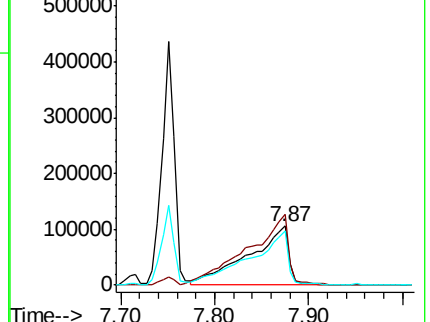
77 90.8 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

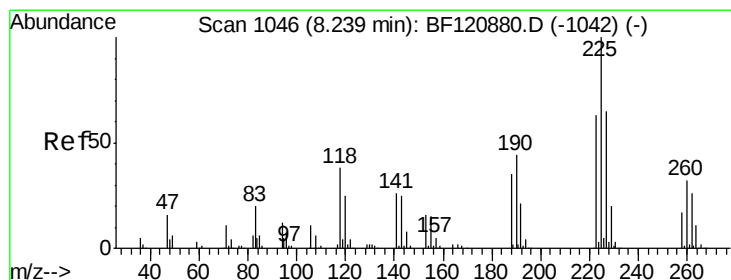
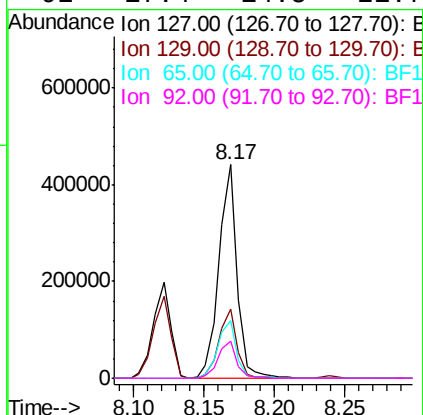
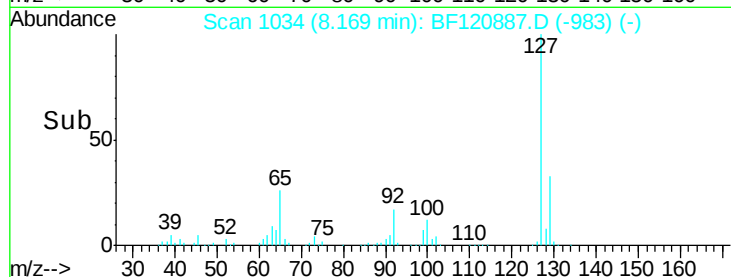
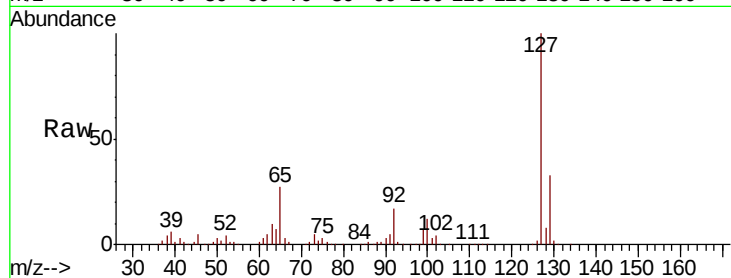




#33
4-Chloroaniline
Concen: 27.195 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

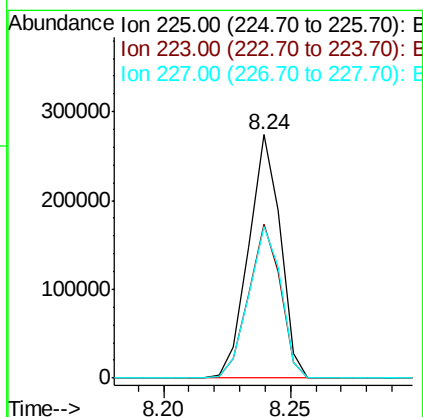
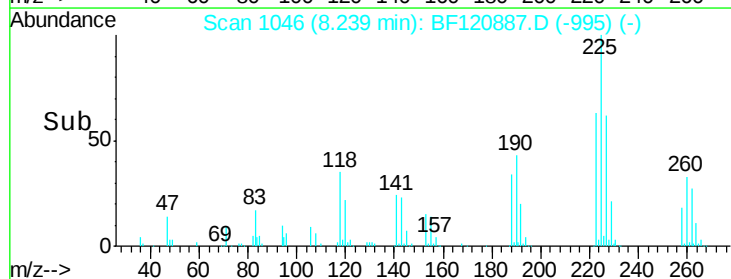
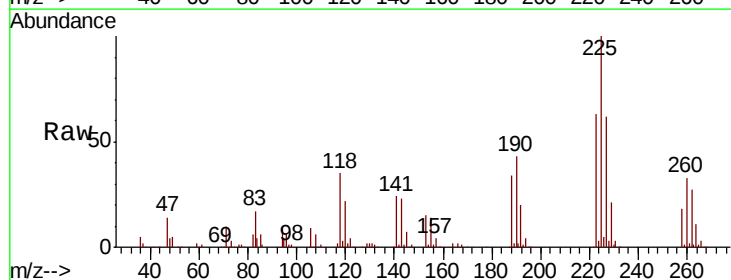
Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:	127	Resp:	393395
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	27.0	23.0	34.4
92	17.4	14.5	21.7



#34
Hexachlorobutadiene
Concen: 39.461 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:	225	Resp:	239463
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.5	52.2	78.2

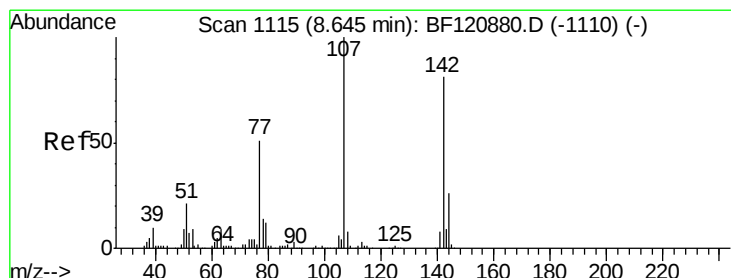
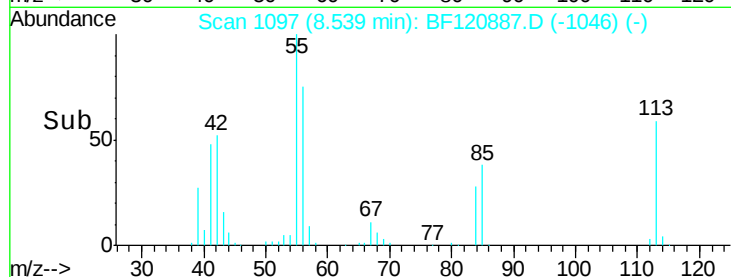
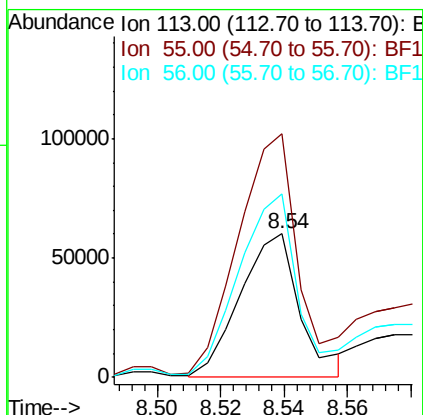
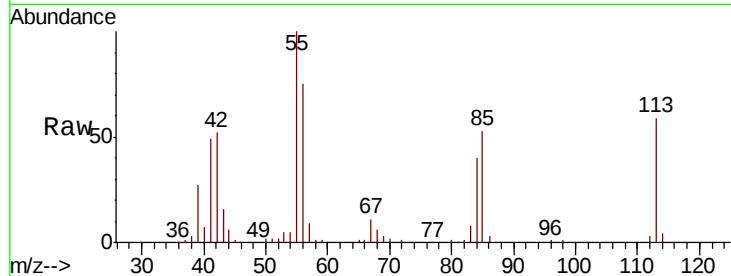




#35
 Caprolactam
 Concen: 26.531 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

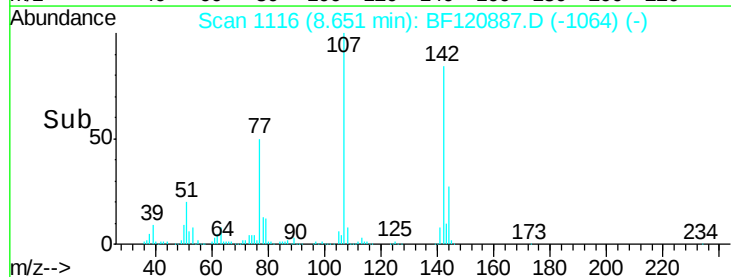
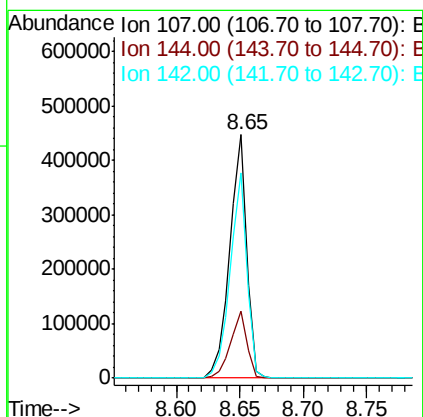
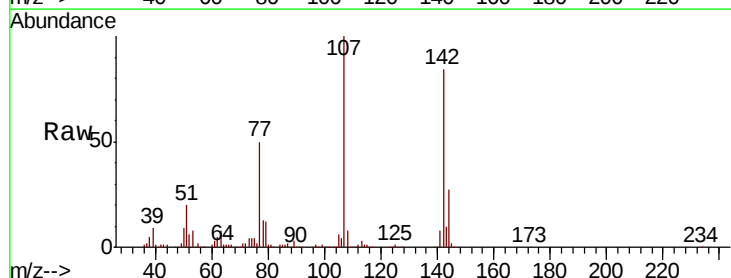
Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

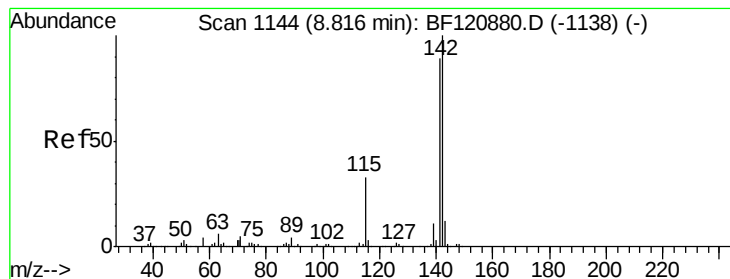
Tot Ion:113 Resp: 78942
 Ion Ratio Lower Upper
 113 100
 55 169.4 143.3 183.3
 56 127.3 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.493 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion:107 Resp: 413872
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.0 31.6
 142 84.4 65.0 97.6





#37

2-Methylnaphthalene

Concen: 41.922 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

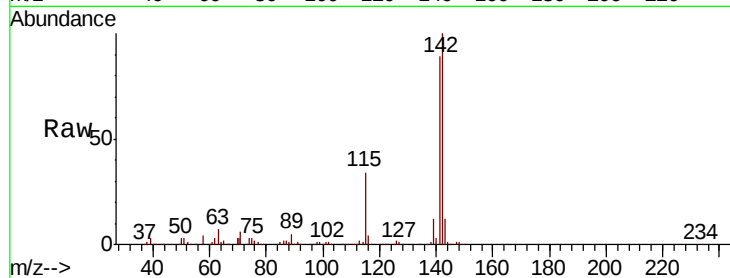
Tot Ion:142 Resp: 882667

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.4

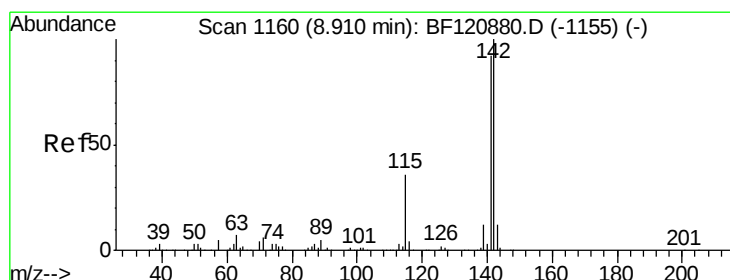
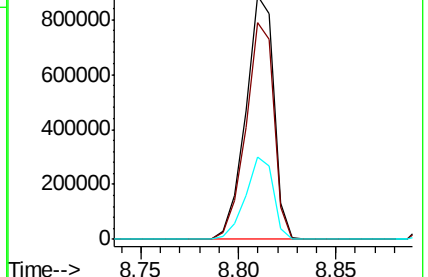
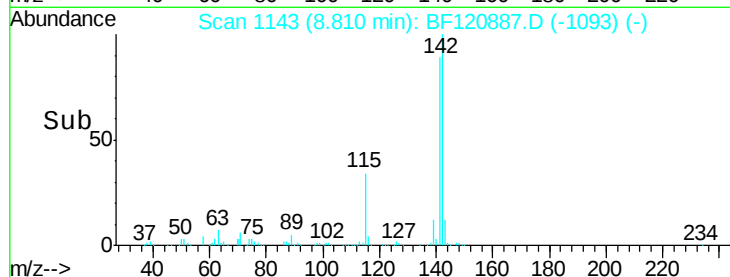
115 34.1 26.0 39.0



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: 42.115 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

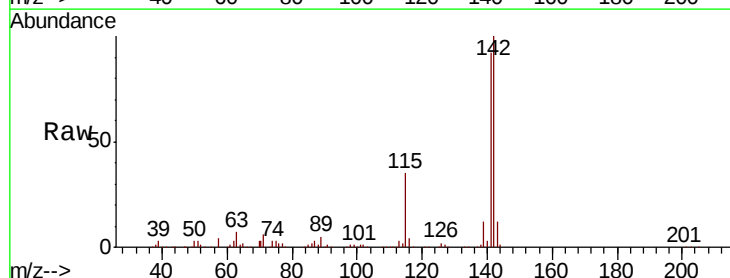
Tgt Ion:142 Resp: 839831

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

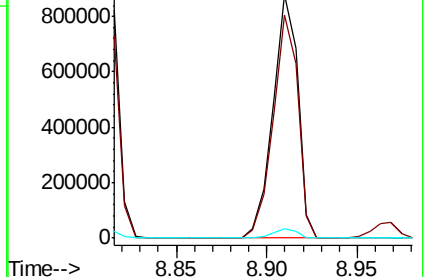
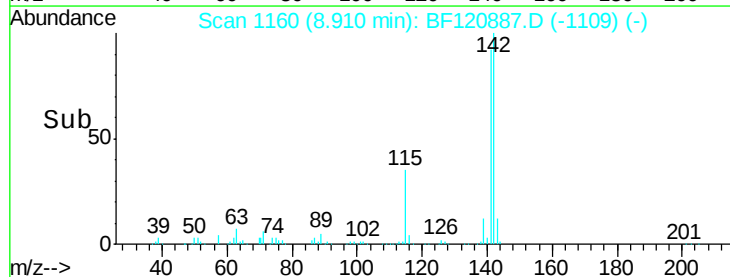
116 3.8 3.0 4.6



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

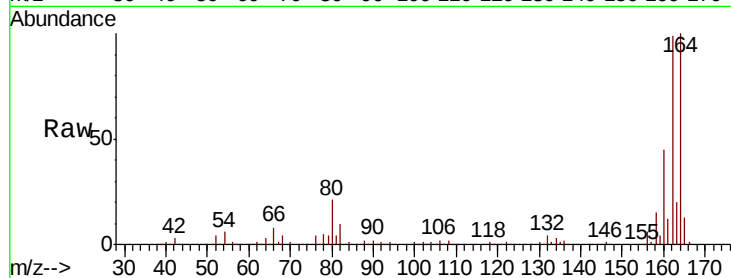
Tot Ion:164 Resp: 337142

Ion Ratio Lower Upper

164 100

162 98.9 81.2 121.8

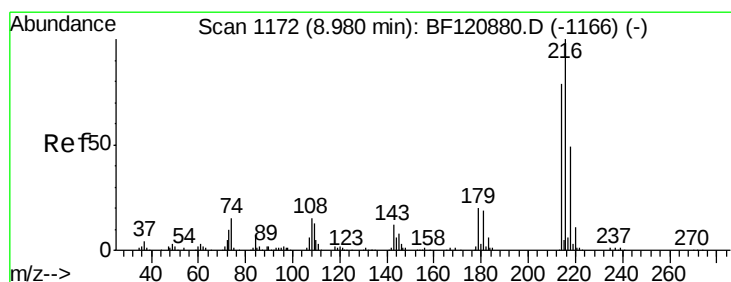
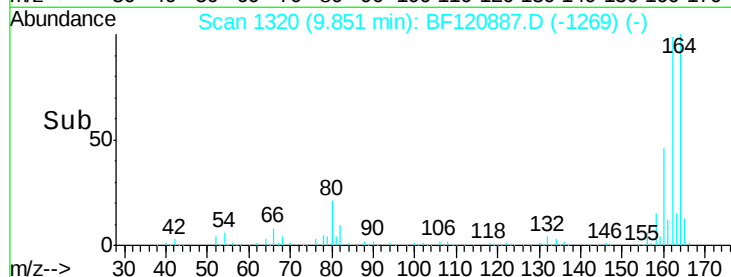
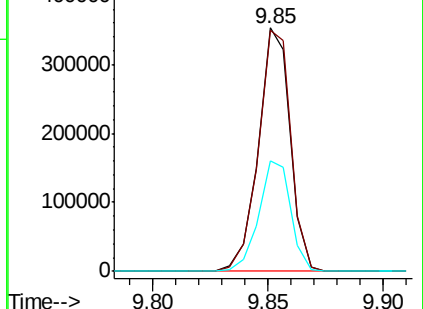
160 45.2 36.9 55.3



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: 38.647 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Tgt Ion:216 Resp: 379629

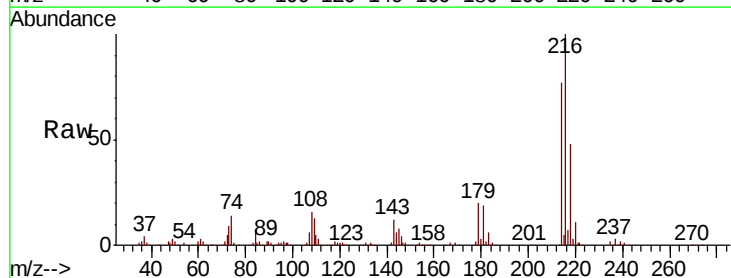
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 20.5 16.6 24.8

108 21.1 15.4 23.0

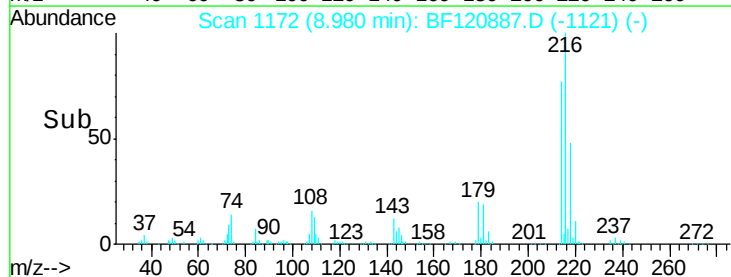
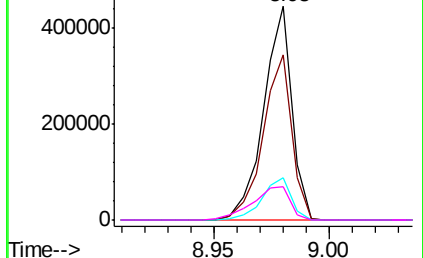


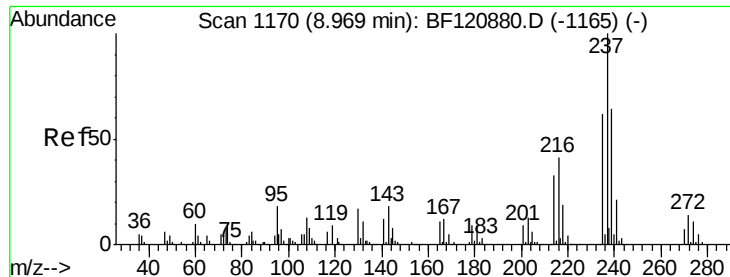
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.656 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

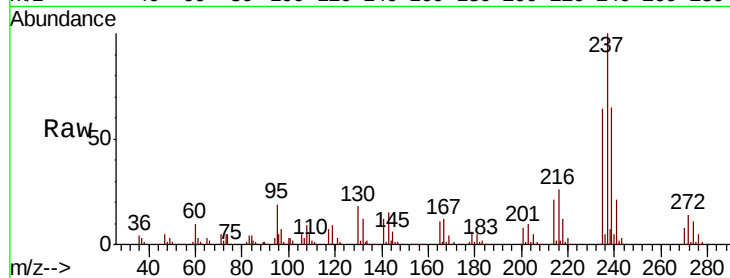
Tot Ion:237 Resp: 459587

Ion Ratio Lower Upper

237 100

235 63.6 41.6 81.6

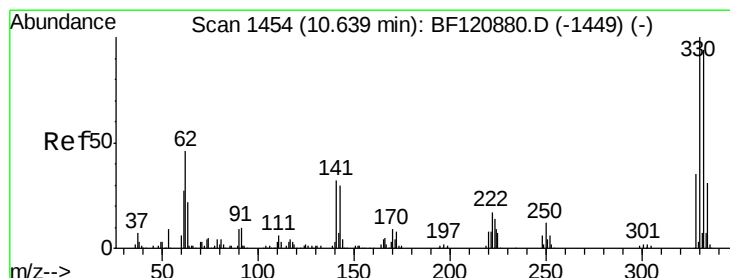
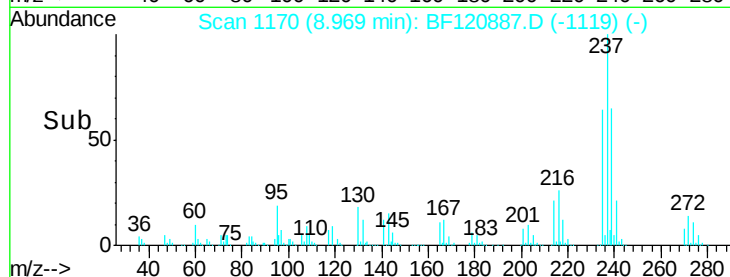
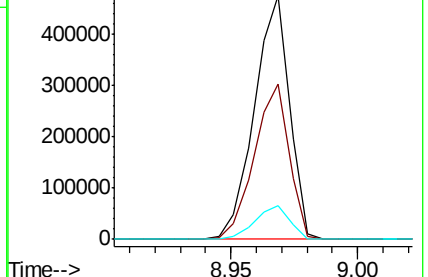
272 14.0 0.0 33.7



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: 102.207 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

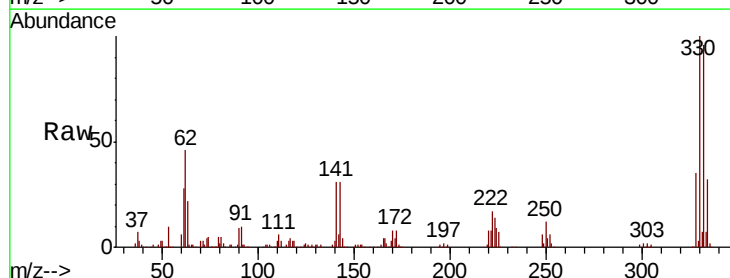
Tgt Ion:330 Resp: 377179

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

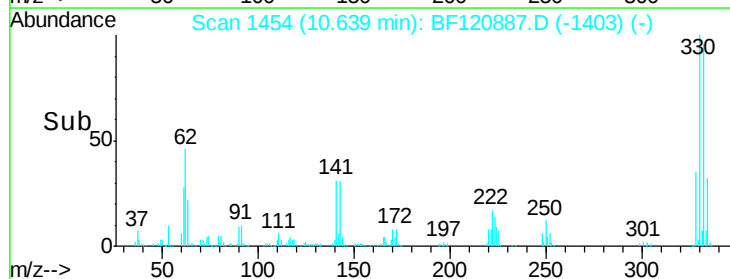
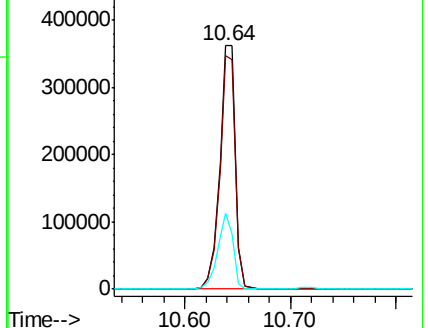
141 30.7 25.7 38.5



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

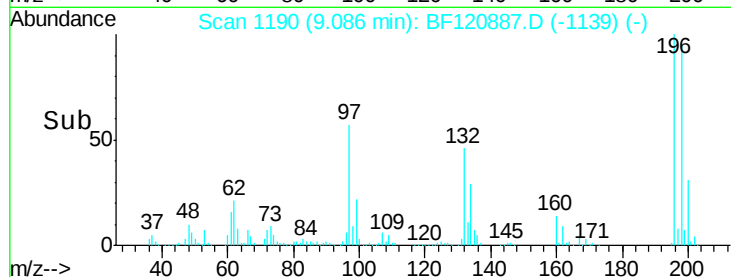
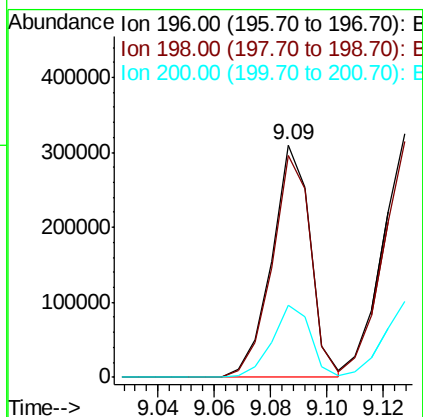
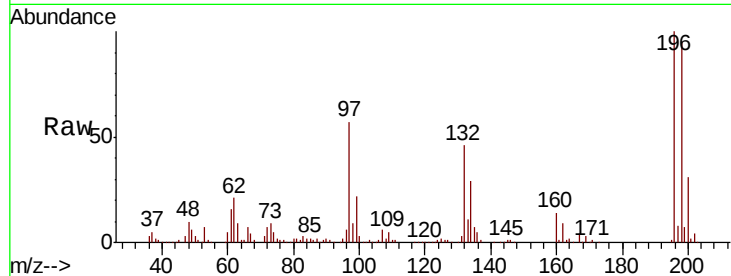




#43
 2,4,6-Trichlorophenol
 Concen: 42.244 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

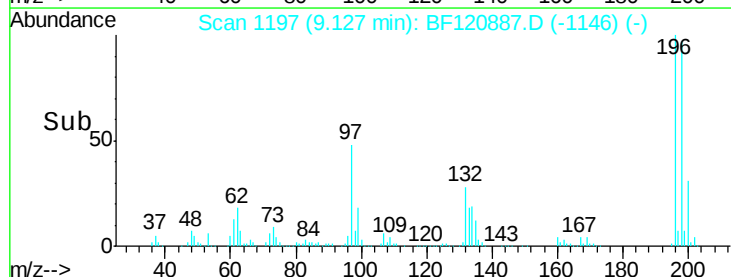
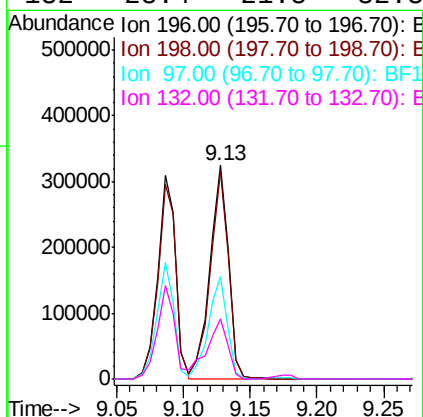
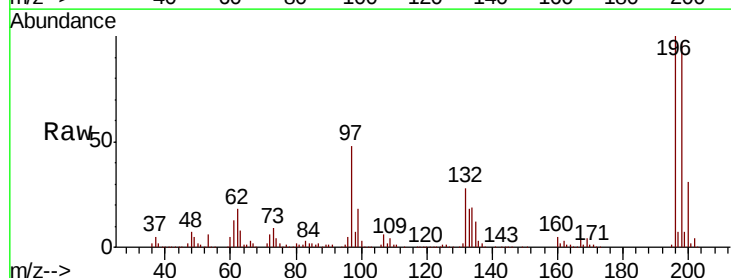
Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

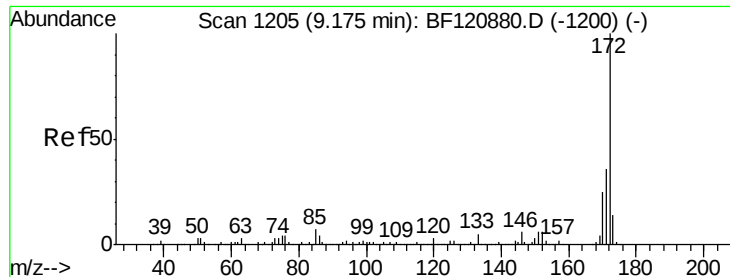
Tot Ion:196 Resp: 292166
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 30.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.638 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion:196 Resp: 318813
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.6 116.4
 97 47.7 35.6 53.4
 132 28.4 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 62.236 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

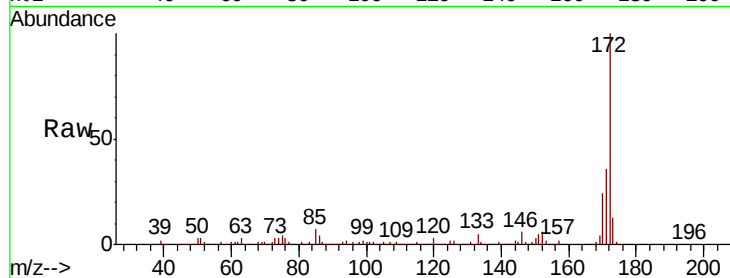
Tot Ion:172 Resp: 1405342

Ion Ratio Lower Upper

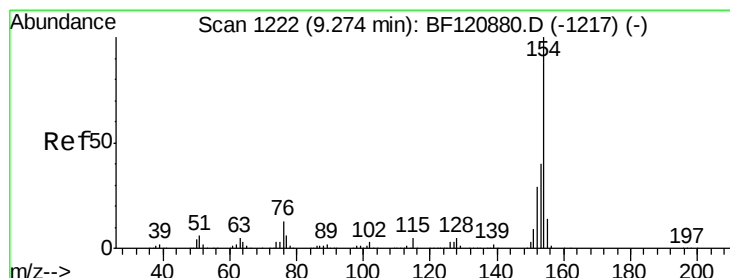
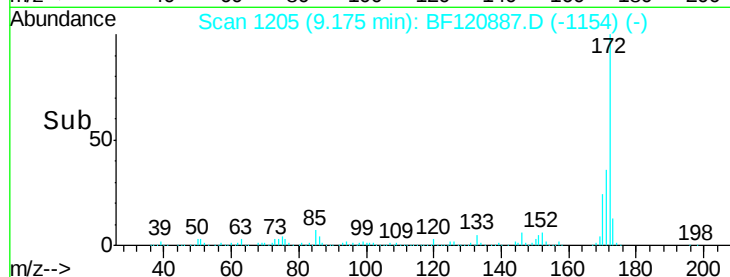
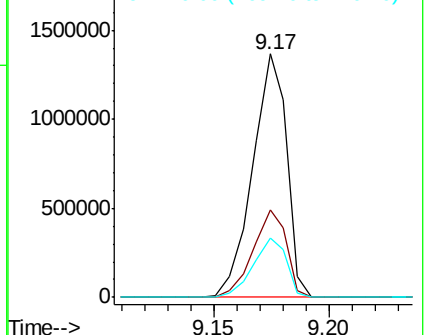
172 100

171 35.7 29.0 43.4

170 24.5 19.6 29.4



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: 40.735 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

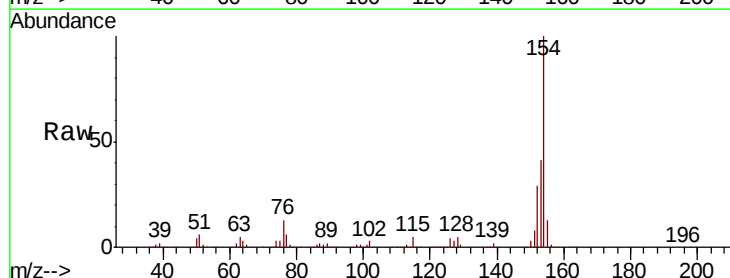
Tgt Ion:154 Resp: 1047591

Ion Ratio Lower Upper

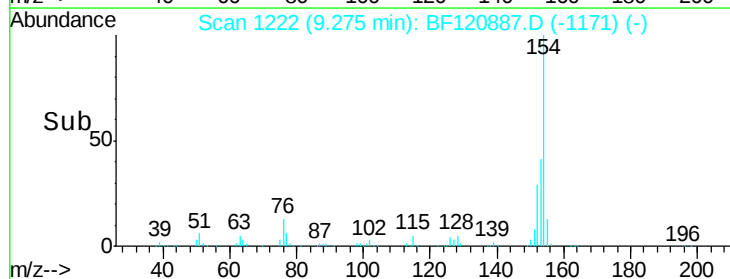
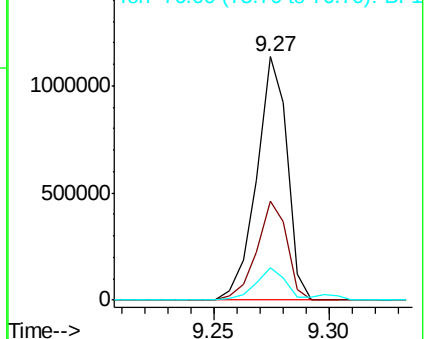
154 100

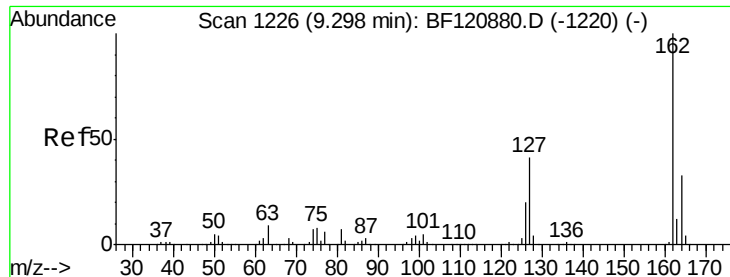
153 40.6 20.4 60.4

76 13.2 0.0 33.1



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

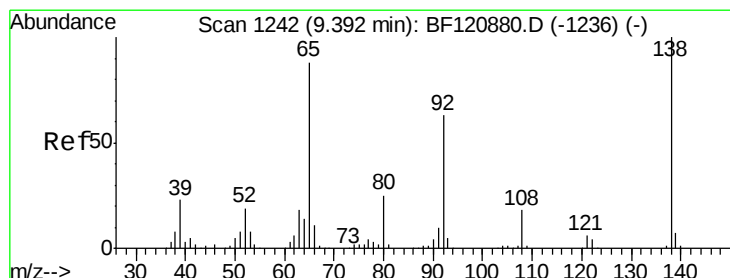
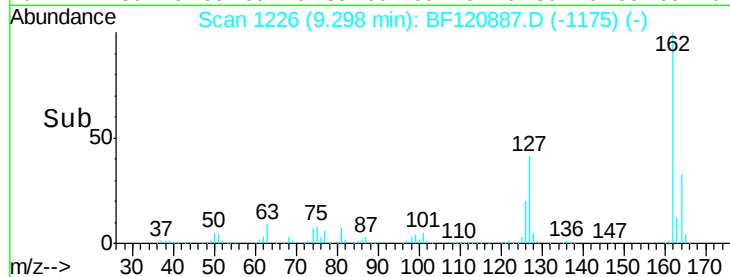
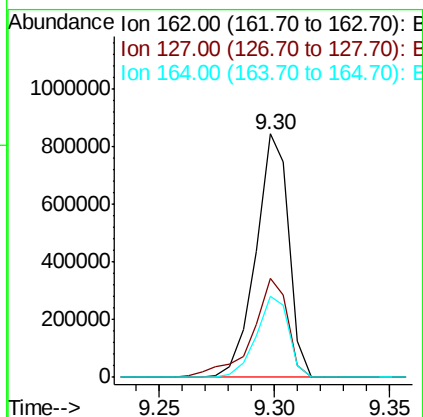
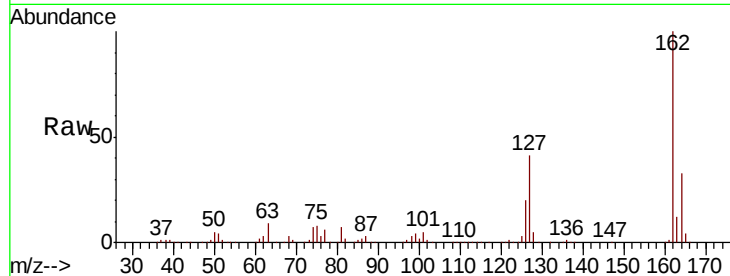




#47
 2-Chloronaphthalene
 Concen: 39.814 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

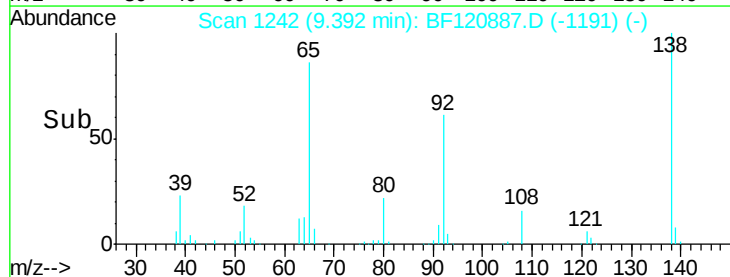
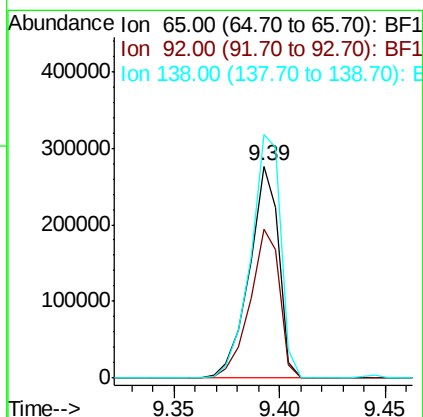
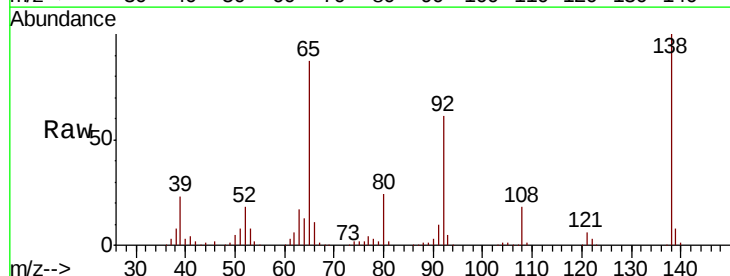
Instrument :
 BNA_F
 ClientSampled :
 PB130244BS

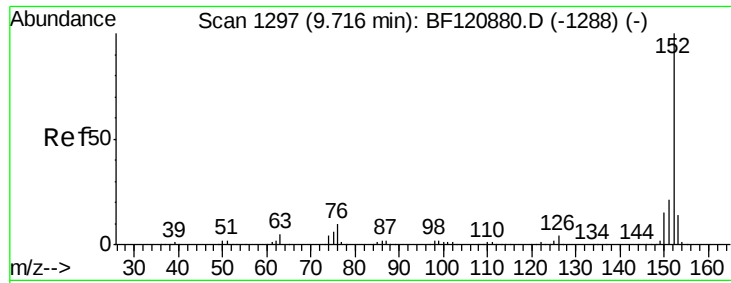
Tot Ion:162 Resp: 834803
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.3 49.9
 164 33.2 26.6 39.8



#48
 2-Nitroaniline
 Concen: 42.248 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion: 65 Resp: 267701
 Ion Ratio Lower Upper
 65 100
 92 69.9 57.0 85.4
 138 114.8 90.4 135.6





#49

Acenaphthylene

Concen: 40.911 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

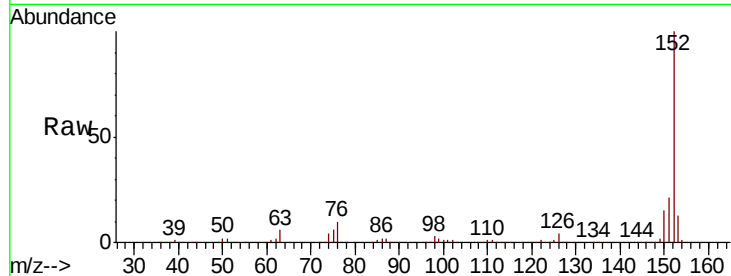
Tot Ion:152 Resp: 1332607

Ion Ratio Lower Upper

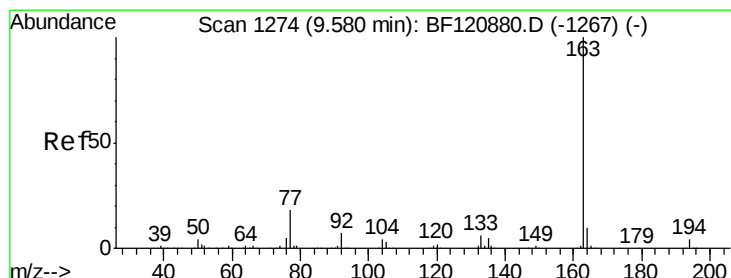
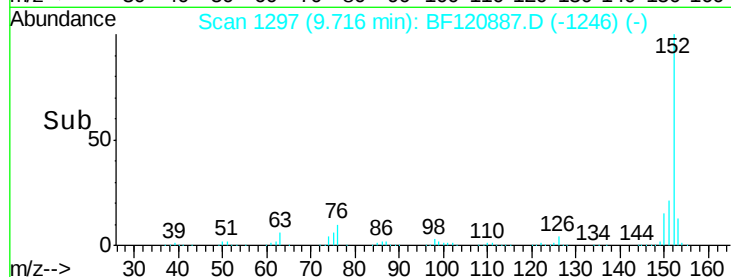
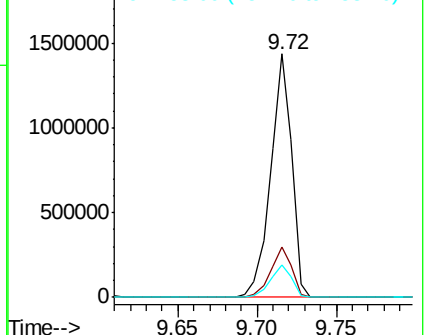
152 100

151 20.7 16.6 25.0

153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.236 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

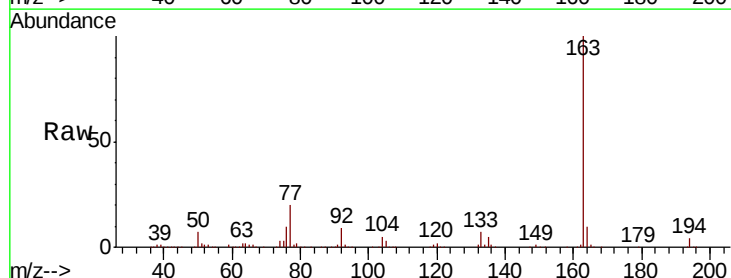
Tgt Ion:163 Resp: 1002965

Ion Ratio Lower Upper

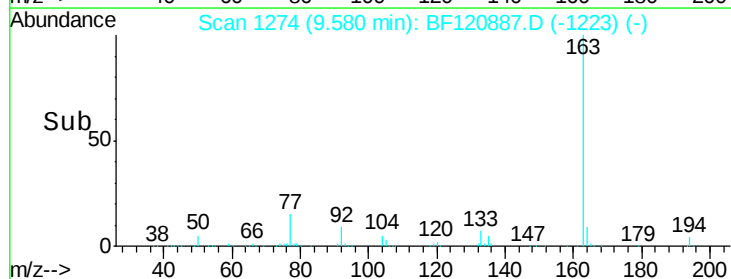
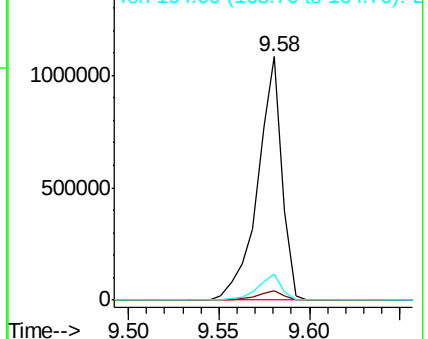
163 100

194 3.9 3.2 4.8

164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.208 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

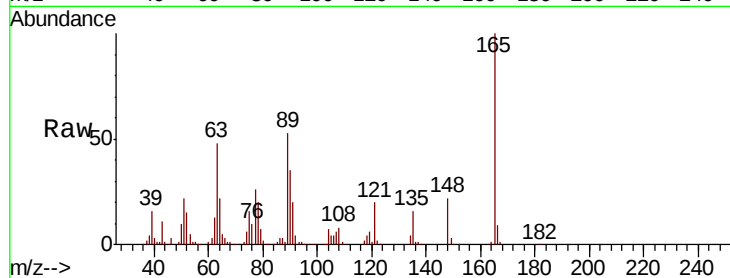
Tot Ion:165 Resp: 231007

Ion Ratio Lower Upper

165 100

63 48.1 45.4 68.2

89 52.8 47.0 70.4



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

300000

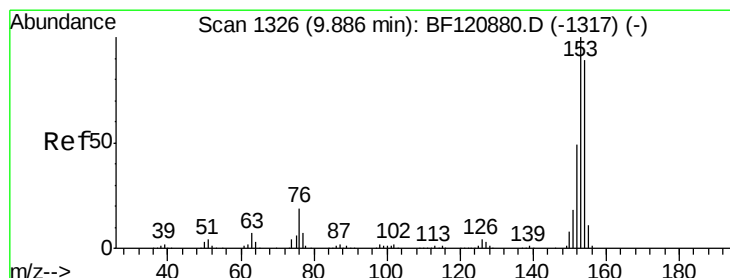
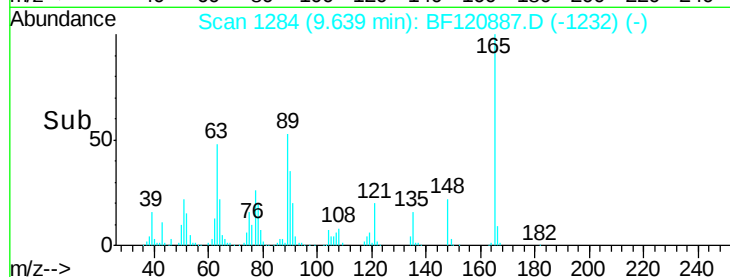
200000

100000

0

9.60 9.65

Time-->



#52

Acenaphthene

Concen: 44.936 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

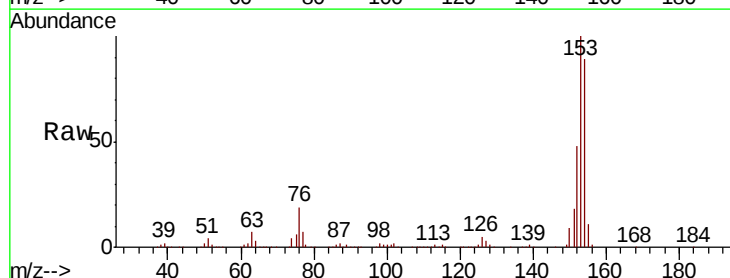
Tgt Ion:154 Resp: 930581

Ion Ratio Lower Upper

154 100

153 112.0 89.5 134.3

152 53.8 44.2 66.2



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

1200000

1000000

800000

600000

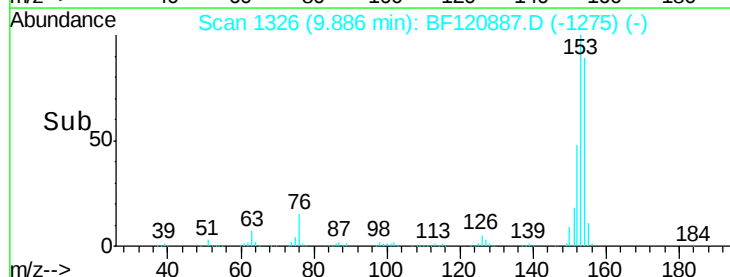
400000

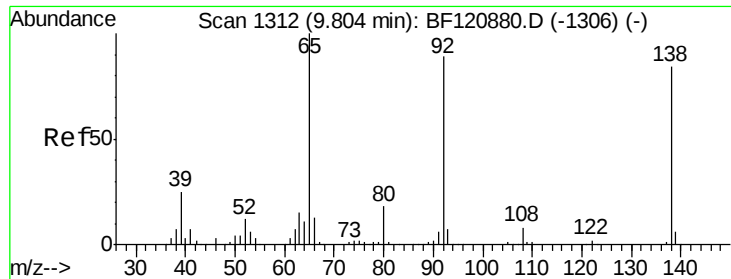
200000

0

9.80 9.90 10.00

Time-->

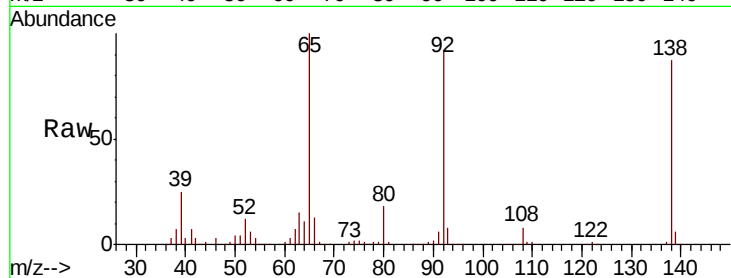




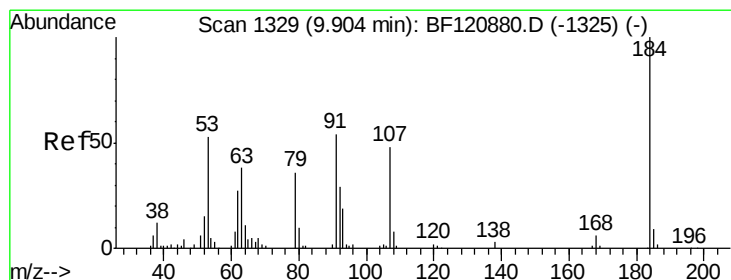
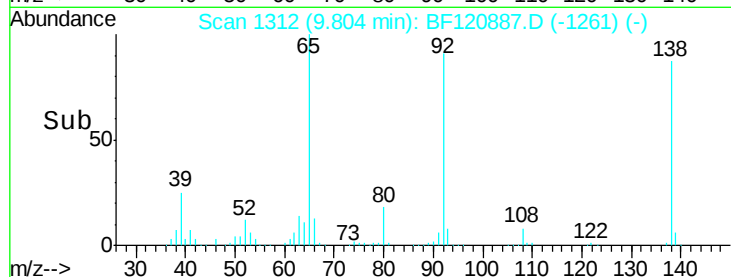
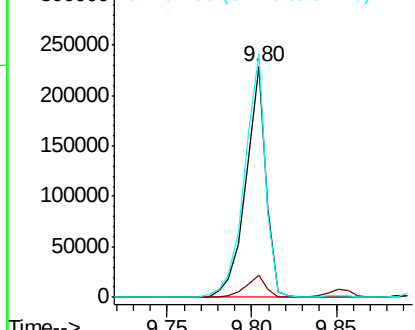
#53
3-Nitroaniline
Concen: 29.187 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:138 Resp: 191285
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 105.7 85.3 127.9

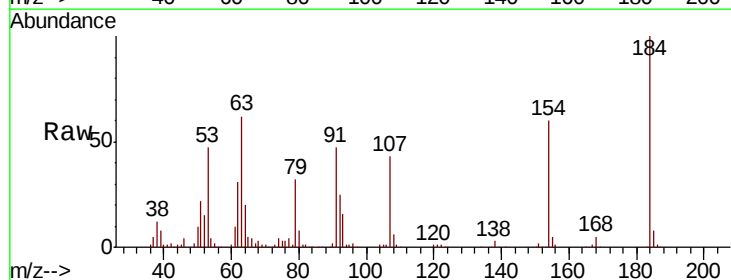


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

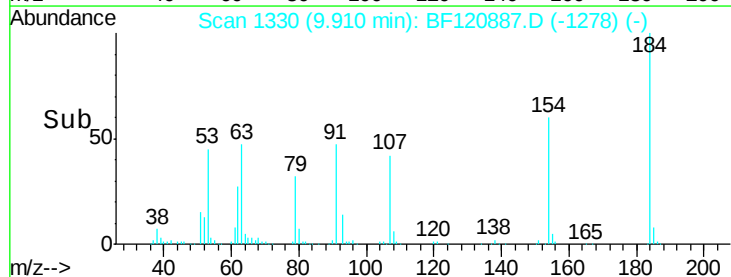
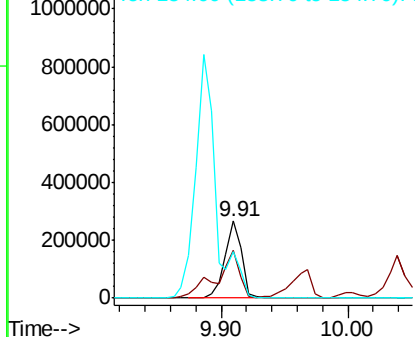


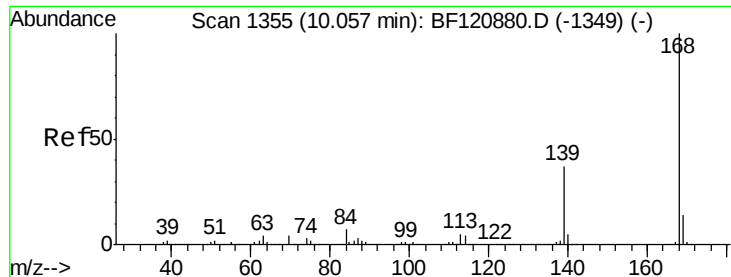
#54
2,4-Dinitrophenol
Concen: 81.576 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:184 Resp: 245806
Ion Ratio Lower Upper
184 100
63 62.3 57.9 86.9
154 60.4 52.6 78.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

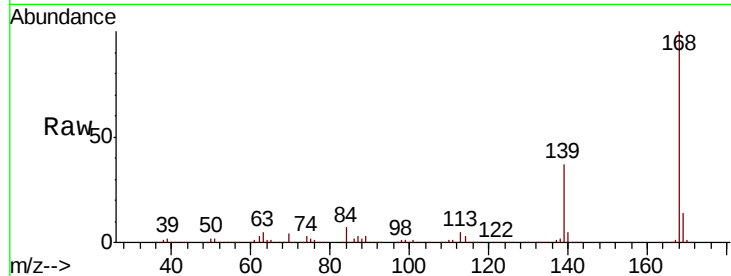




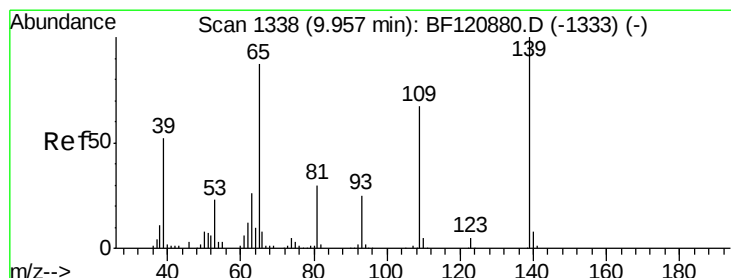
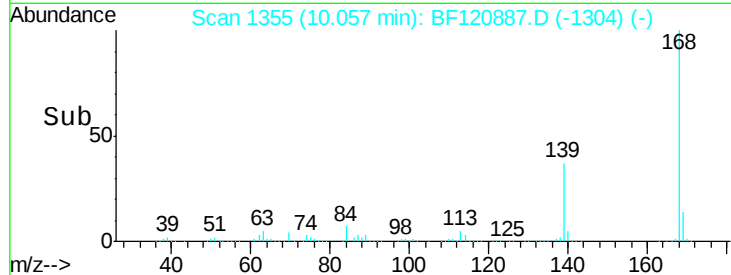
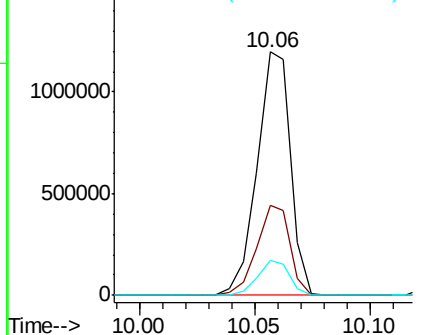
#55
Dibenzenofuran
Concen: 40.473 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:168 Resp: 1212072
Ion Ratio Lower Upper
168 100
139 37.2 29.7 44.5
169 14.2 11.1 16.7

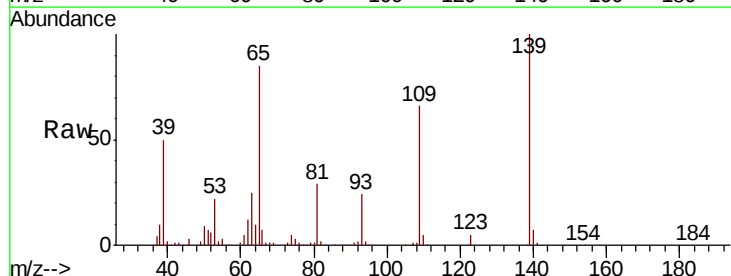


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

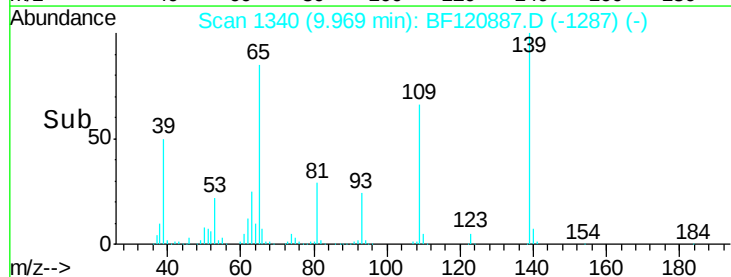
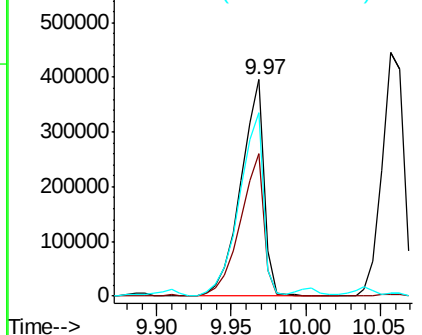


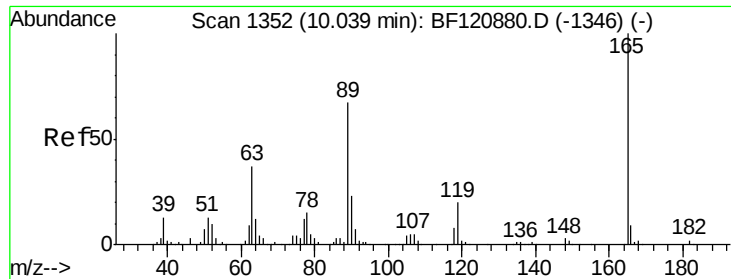
#56
4-Nitrophenol
Concen: 86.339 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:139 Resp: 429828
Ion Ratio Lower Upper
139 100
109 65.7 47.3 87.3
65 84.5 67.2 107.2



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

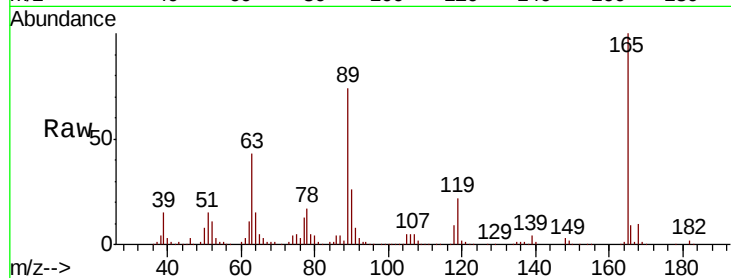




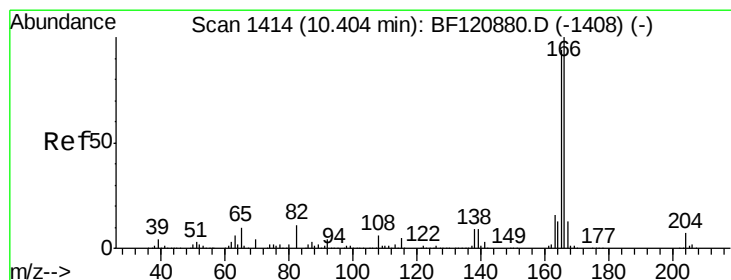
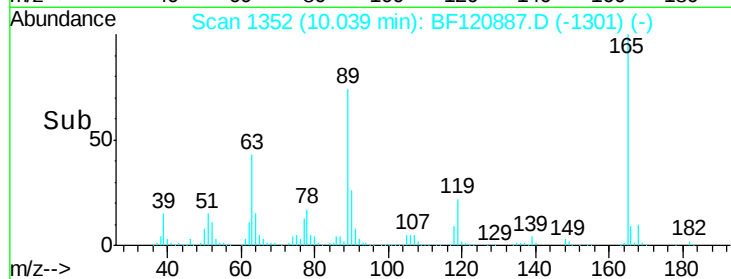
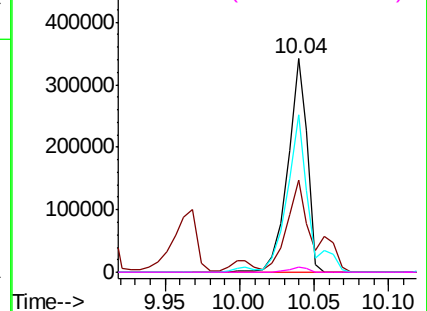
#57
 2,4-Dinitrotoluene
 Concen: 45.782 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

Tot Ion:165	Resp:	314168
Ion	Ratio	Lower Upper
165	100	
63	43.2	29.4 44.2
89	73.7	53.4 80.0
182	2.3	1.8 2.6

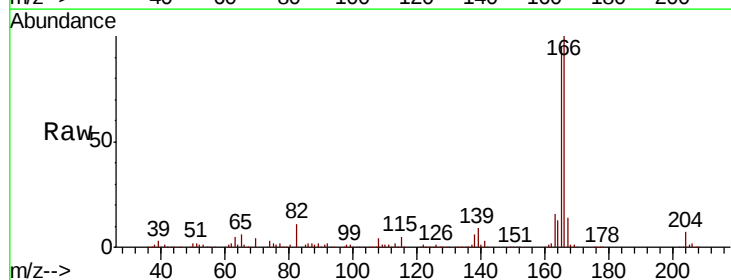


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

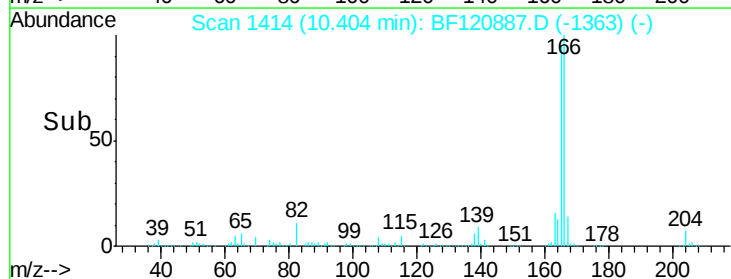
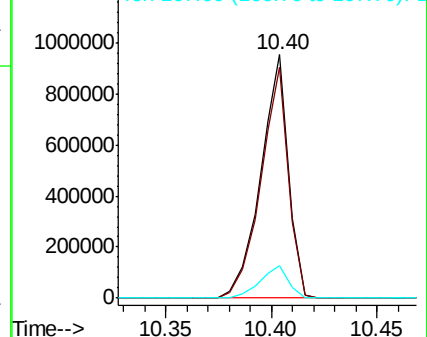


#58
 Fluorene
 Concen: 38.815 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion:166	Resp:	866961
Ion	Ratio	Lower Upper
166	100	
165	94.8	75.4 113.0
167	13.5	10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

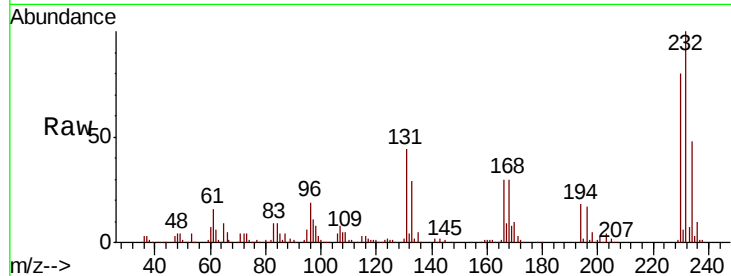




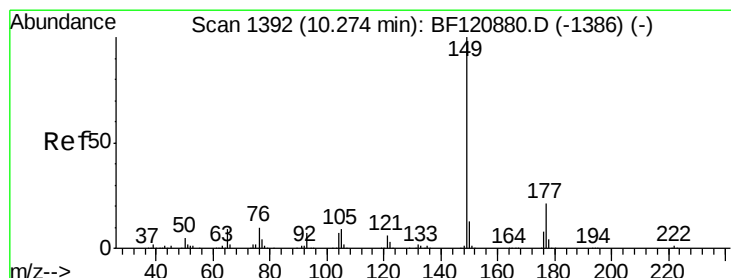
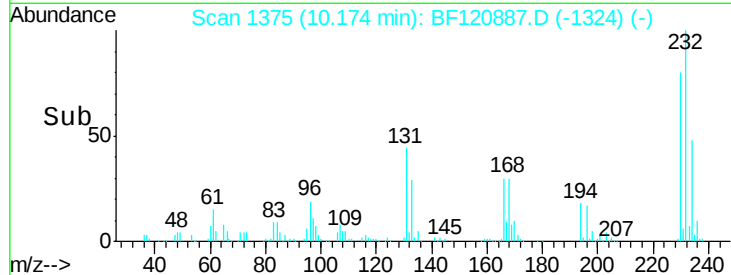
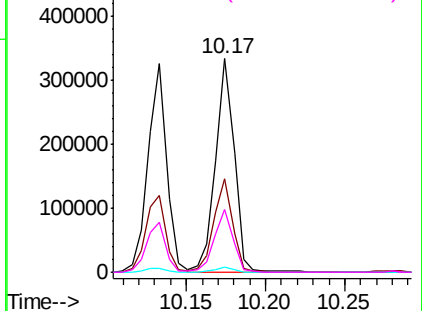
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.867 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

Tot Ion:	232	Resp:	273975
Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.1	55.7
130	2.3	1.7	2.5
166	29.6	24.2	36.4

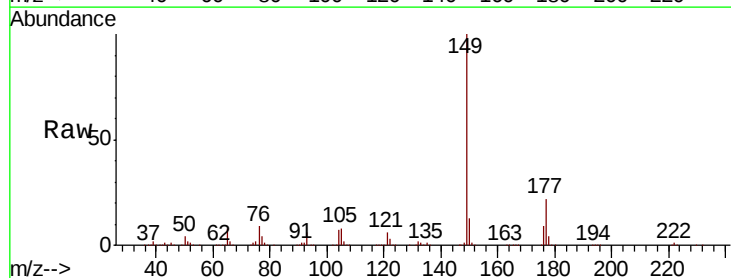


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

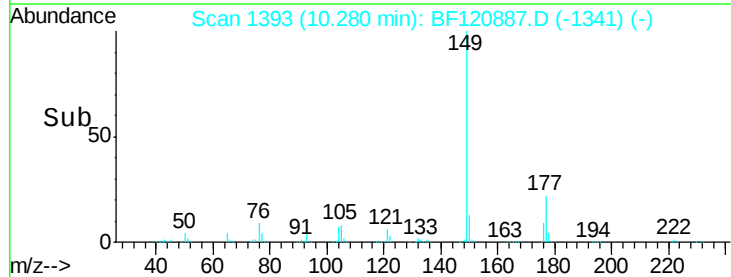
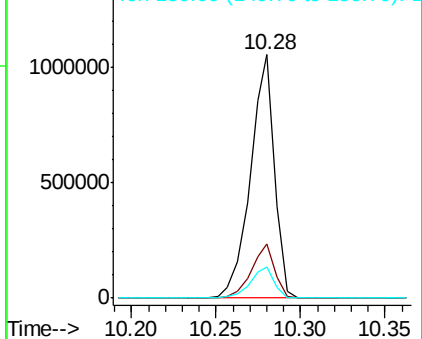


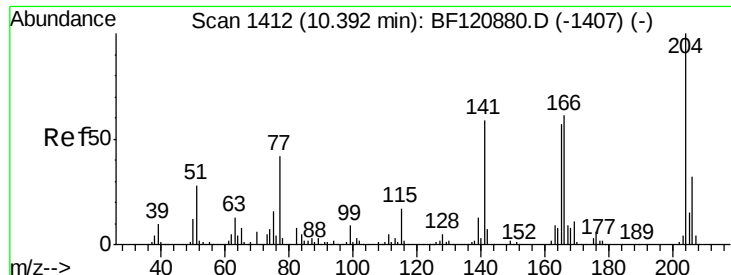
#60
 Diethylphthalate
 Concen: 42.524 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion:	149	Resp:	1046163
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.7	10.3	15.5



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

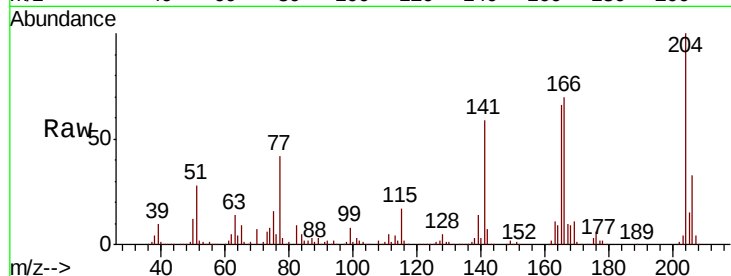




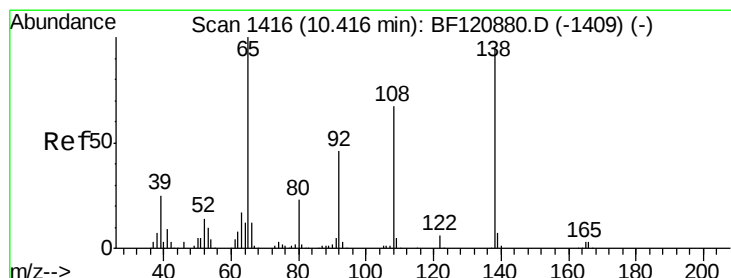
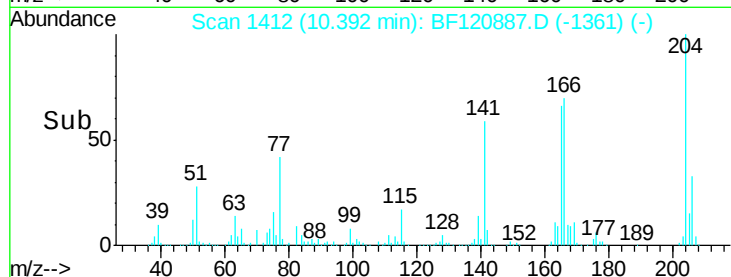
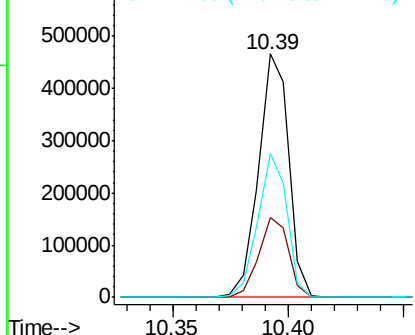
#61
4-Chlorophenyl-phenylether
Concen: 35.641 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:204 Resp: 424597
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 58.8 47.2 70.8

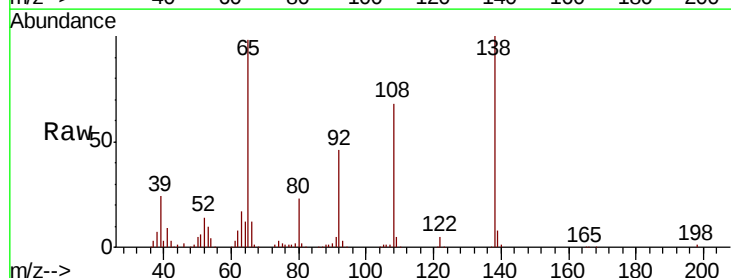


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

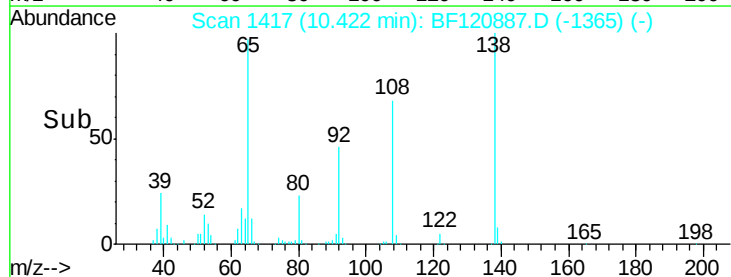
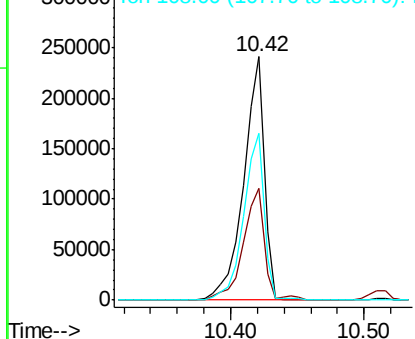


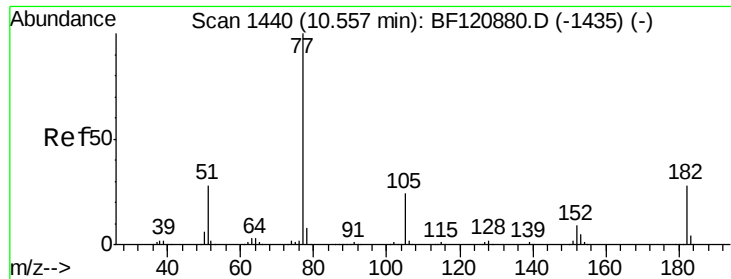
#62
4-Nitroaniline
Concen: 40.283 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:138 Resp: 257169
Ion Ratio Lower Upper
138 100
92 45.7 28.6 68.6
108 68.4 51.1 91.1



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: 41.952 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

Tot Ion: 77 Resp: 982579

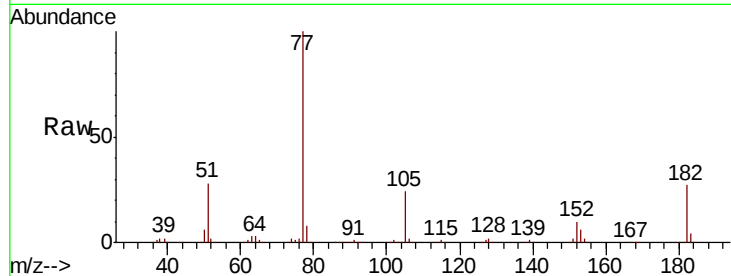
Ion Ratio Lower Upper

77 100

182 27.4 7.8 47.8

105 23.9 4.4 44.4

51 28.4 8.0 48.0

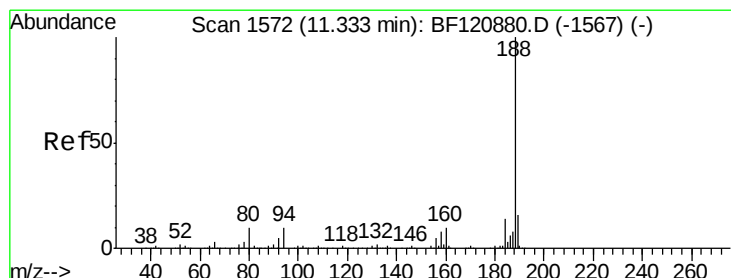
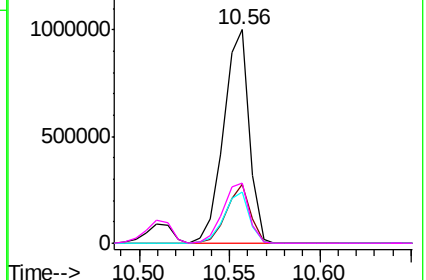
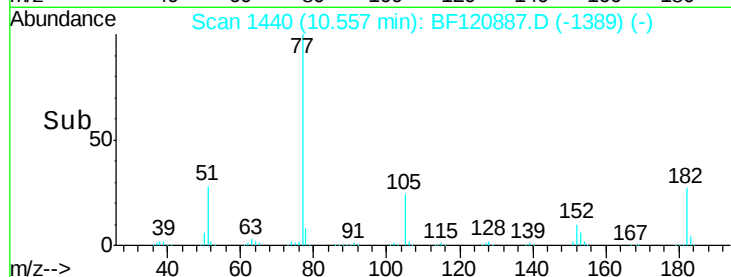


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

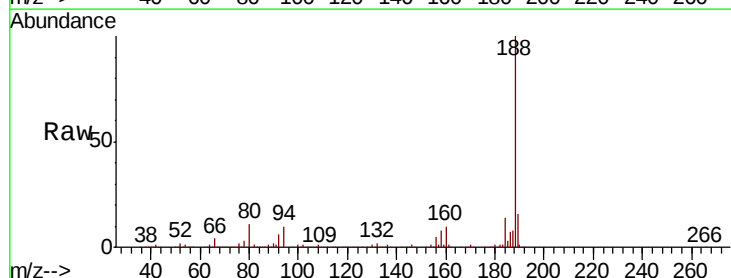
Tgt Ion: 188 Resp: 665483

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

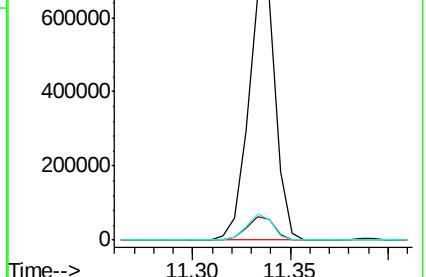
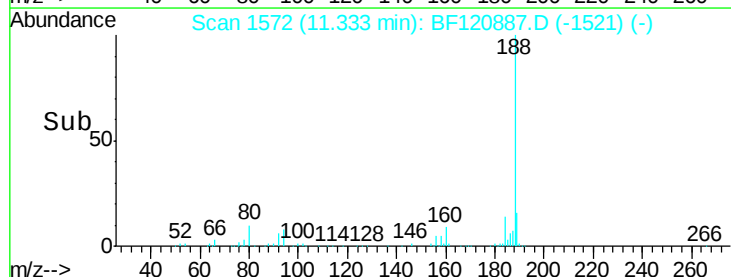
80 10.5 8.3 12.5

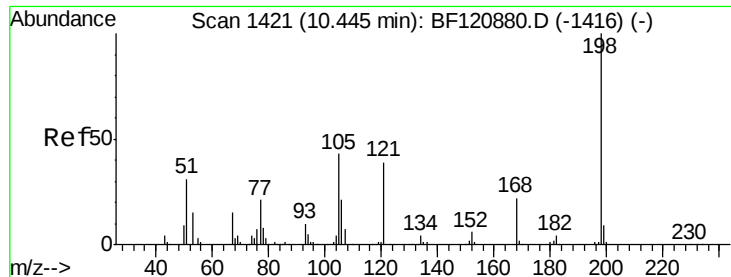


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

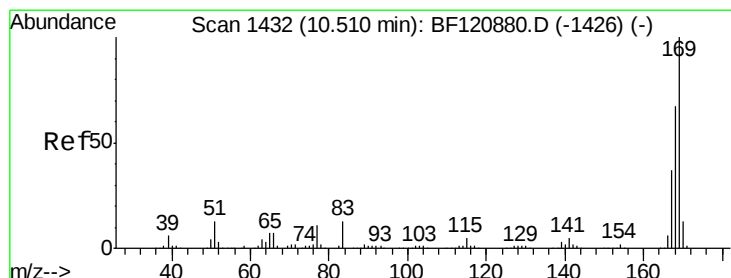
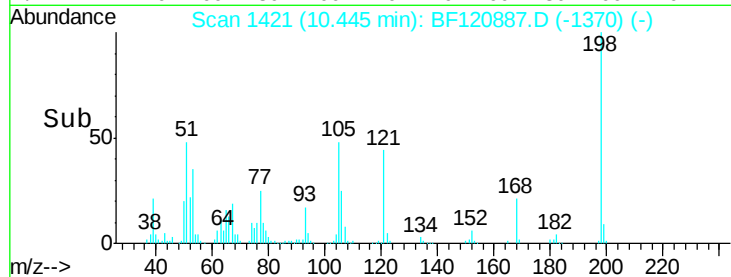
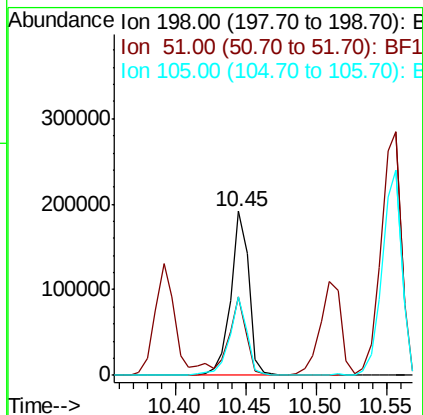
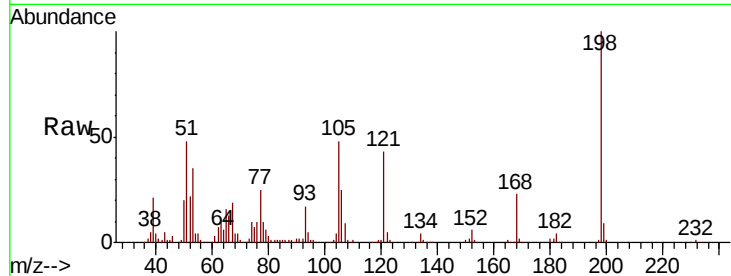




#65
4,6-Dinitro-2-methylphenol
Concen: 44.663 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

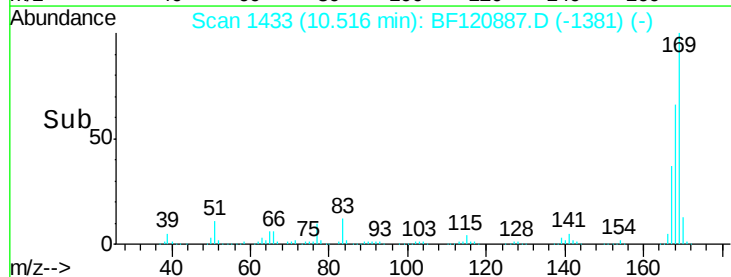
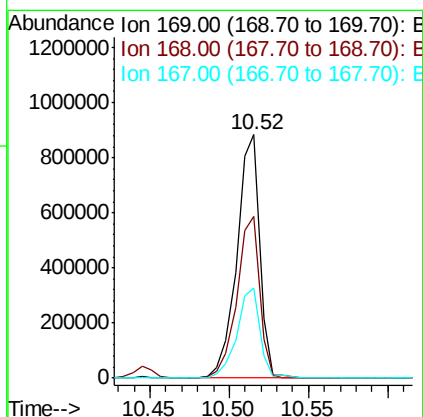
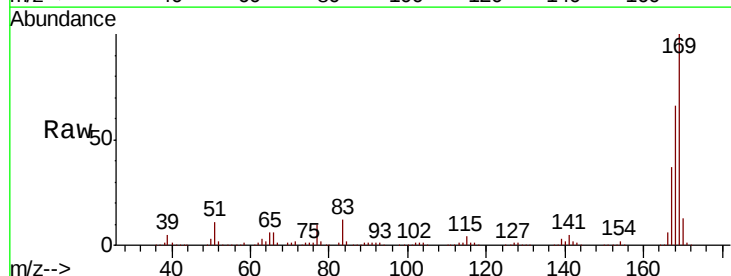
Instrument :
BNA_F
ClientSampleId :
PB130244BS

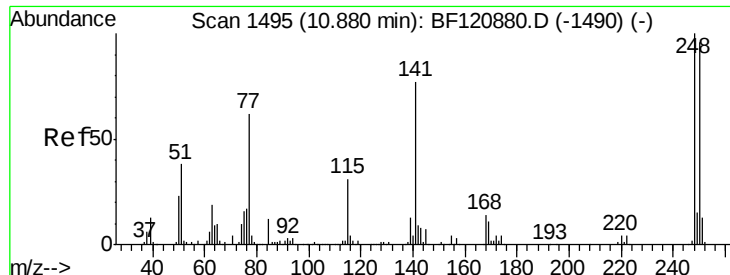
Tot Ion:198 Resp: 170903
Ion Ratio Lower Upper
198 100
51 47.7 19.5 59.5
105 48.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 41.807 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:169 Resp: 875222
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.7 29.4 44.0

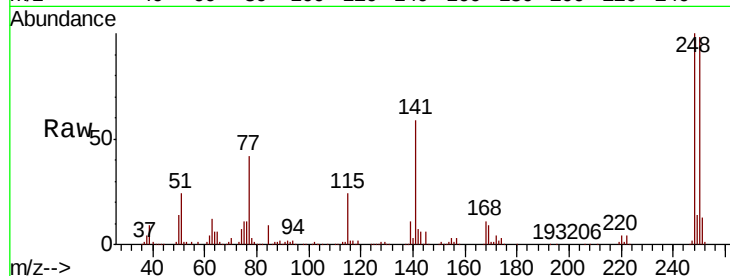




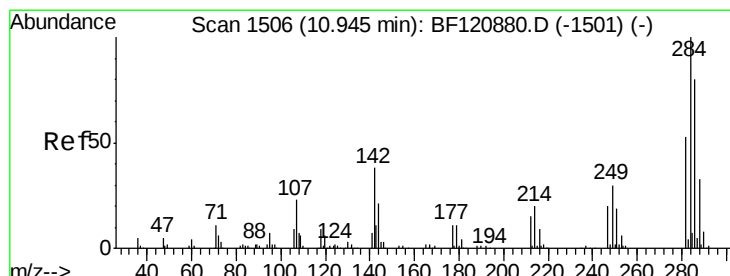
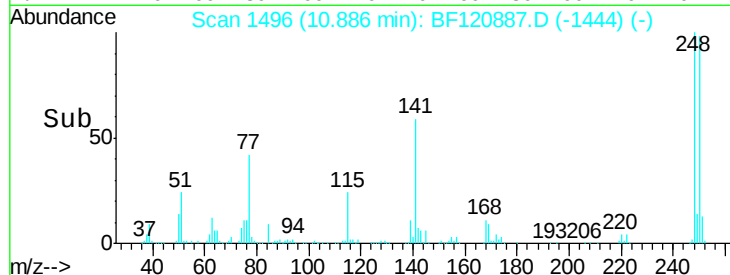
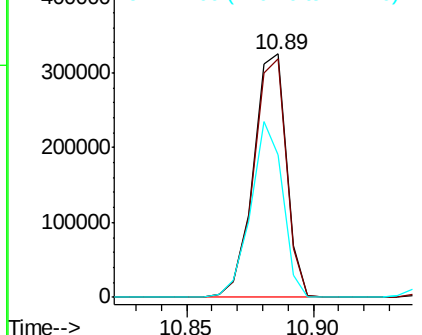
#67
4-Bromophenyl-phenylether
Concen: 40.078 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:248 Resp: 297364
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 58.8 61.2 91.8#

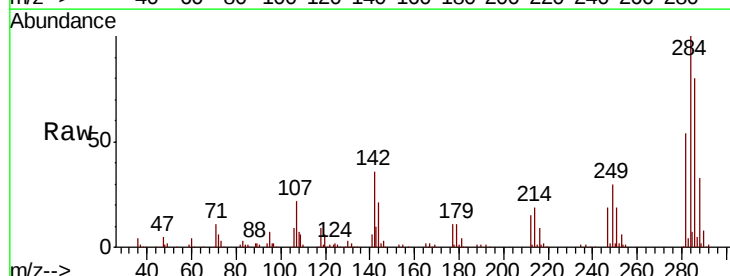


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

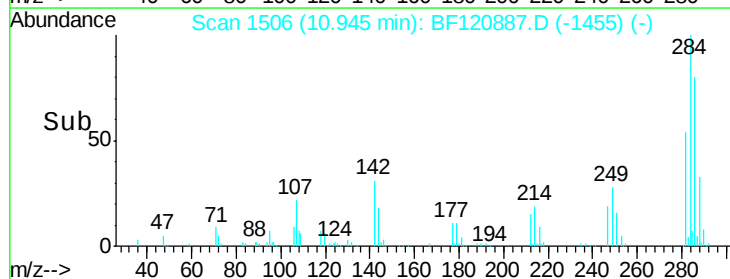
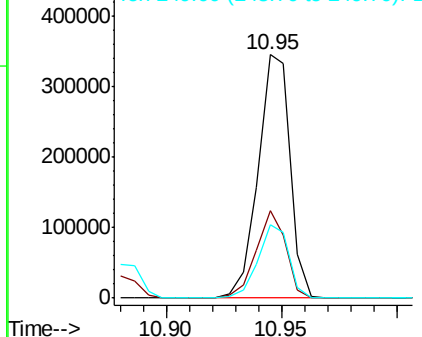


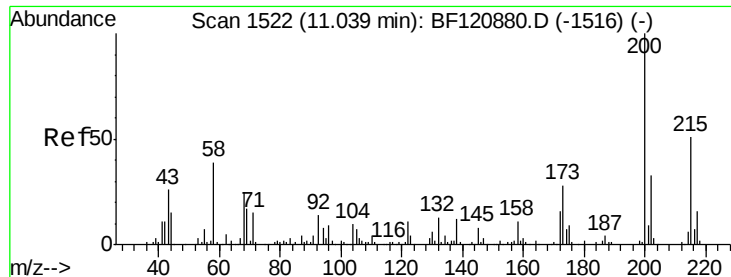
#68
Hexachlorobenzene
Concen: 41.434 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:284 Resp: 332556
Ion Ratio Lower Upper
284 100
142 36.0 30.2 45.2
249 30.3 24.2 36.2



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: 50.018 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

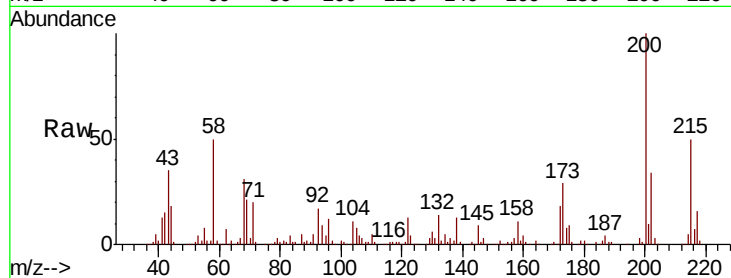
Tot Ion:200 Resp: 259324

Ion Ratio Lower Upper

200 100

173 28.8 8.0 48.0

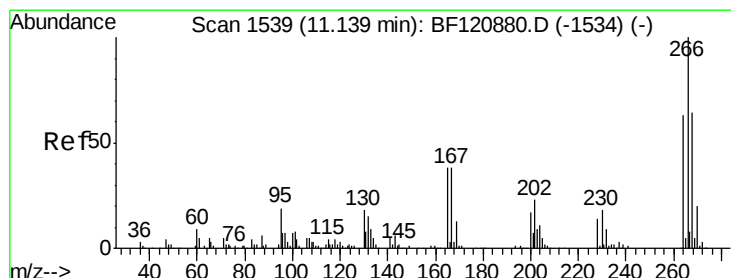
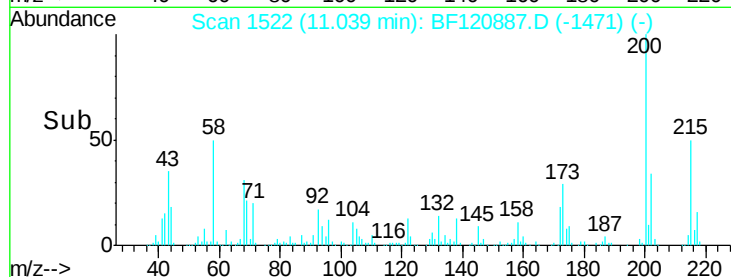
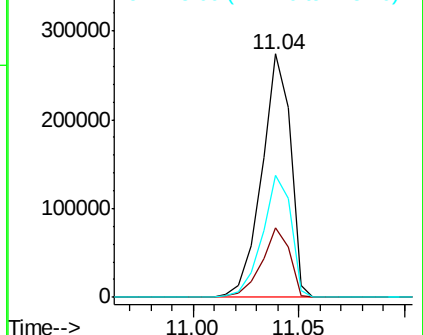
215 50.3 31.5 71.5



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: 86.153 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

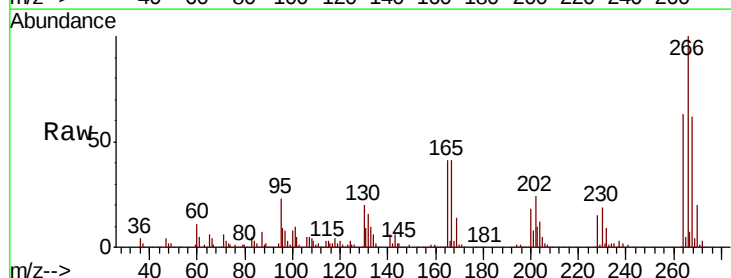
Tgt Ion:266 Resp: 396135

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

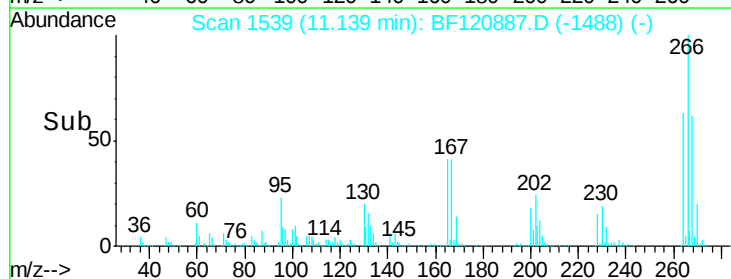
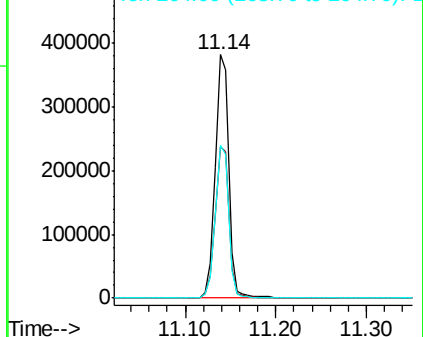
264 62.7 50.2 75.2

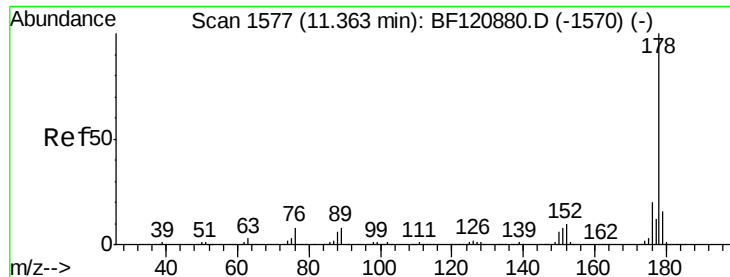


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

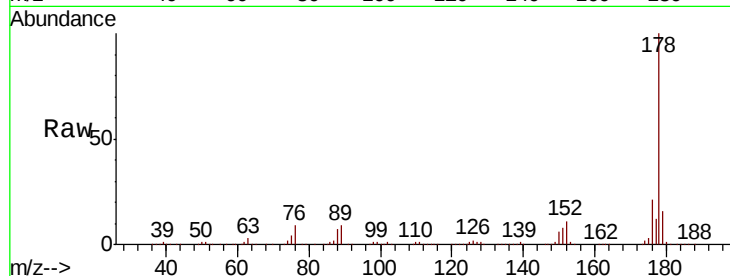




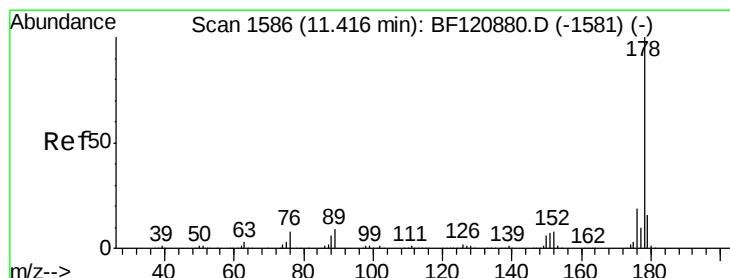
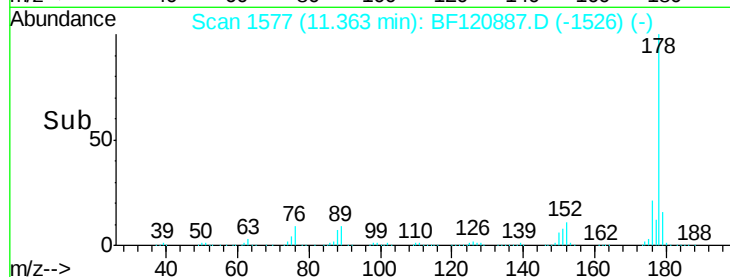
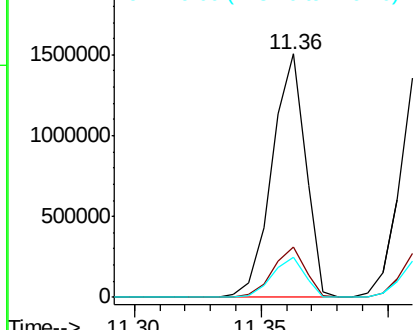
#71
Phenanthrene
Concen: 40.252 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Tot Ion:178 Resp: 1377656
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.3 12.8 19.2

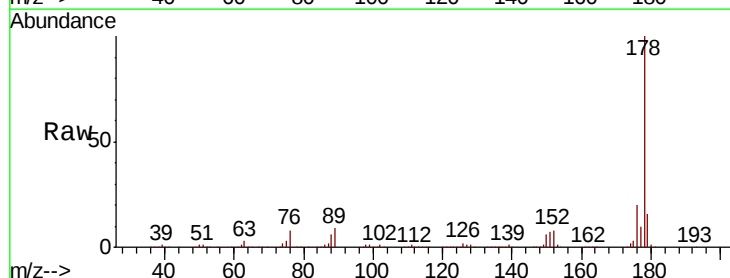


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

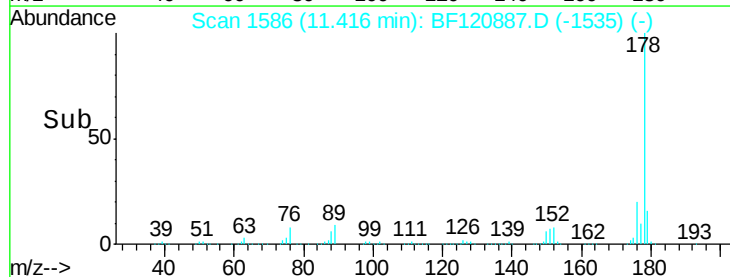
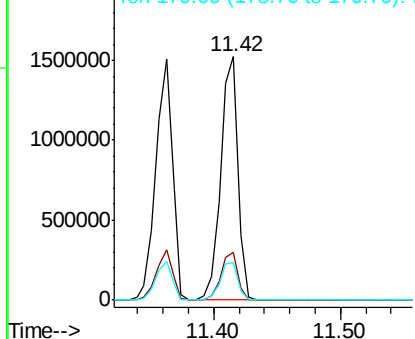


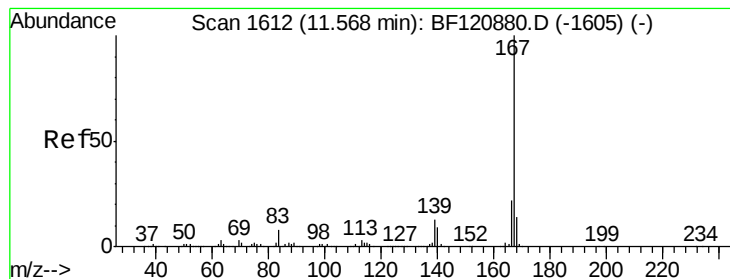
#72
Anthracene
Concen: 42.012 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:178 Resp: 1443857
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.6 12.8 19.2



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: 39.879 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

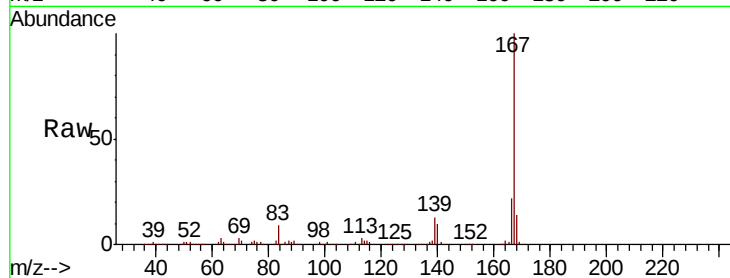
Tot Ion:167 Resp: 1360155

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

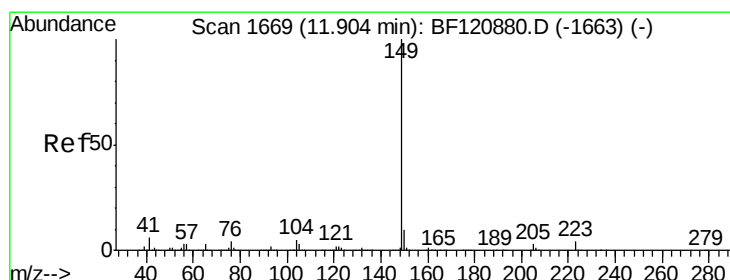
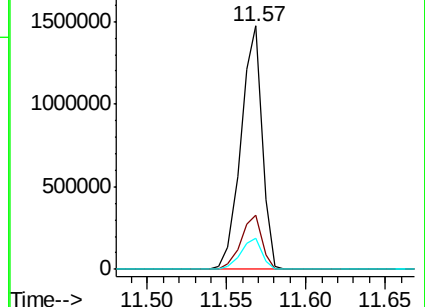
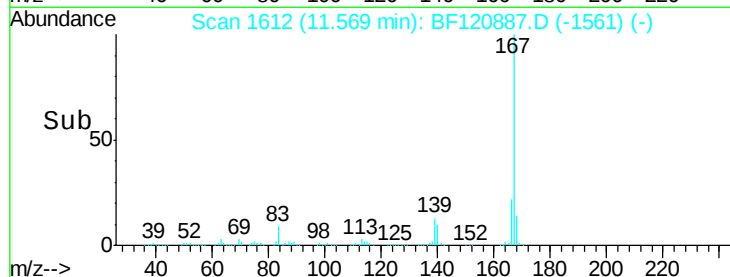
139 12.8 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.891 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

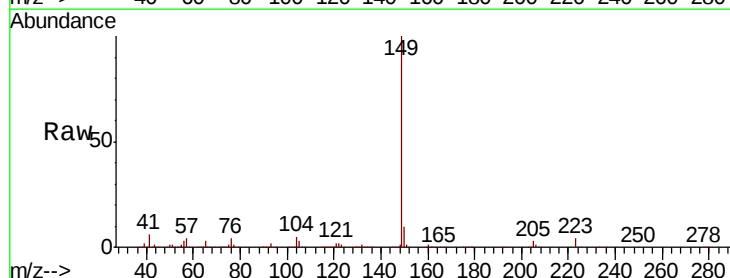
Tgt Ion:149 Resp: 1648798

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

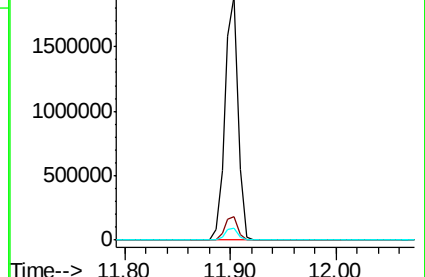
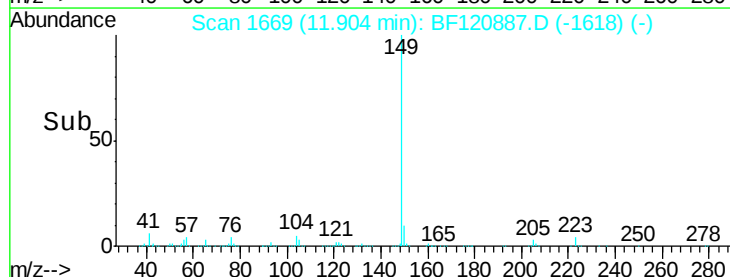
104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

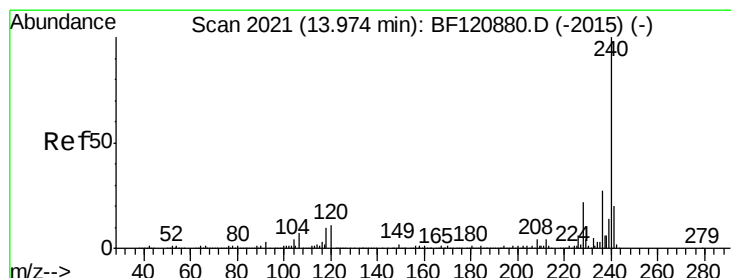
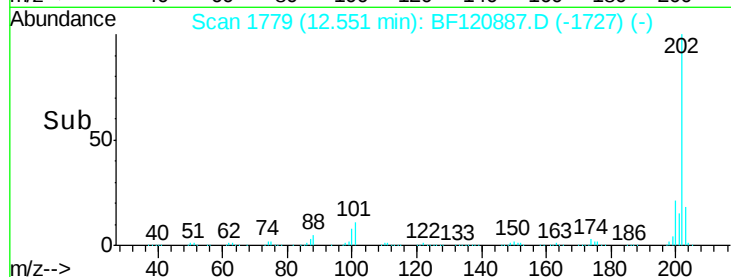
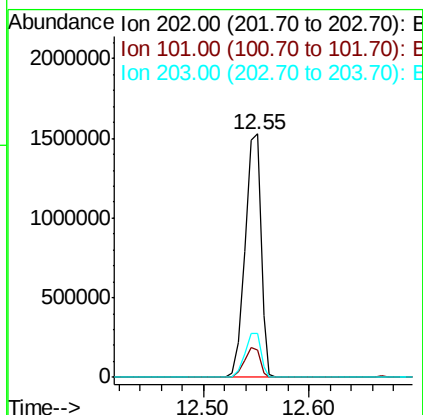
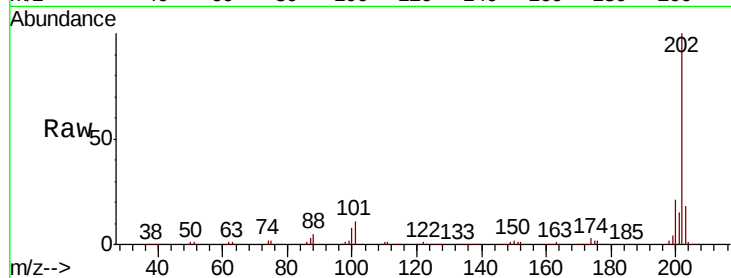




#75
 Fluoranthene
 Concen: 41.728 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

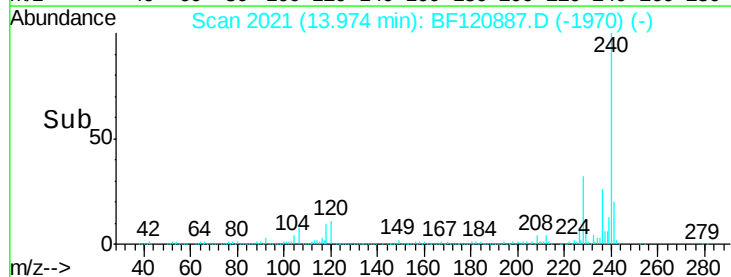
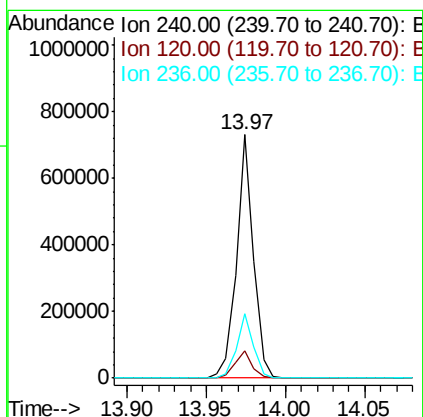
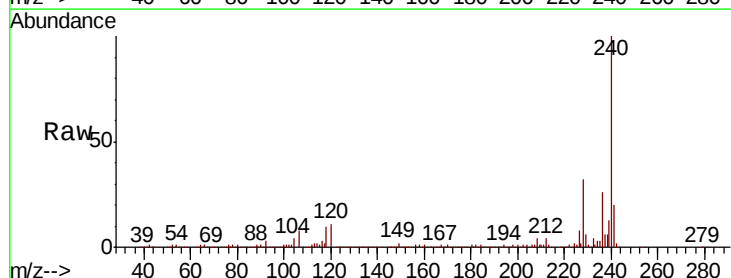
Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

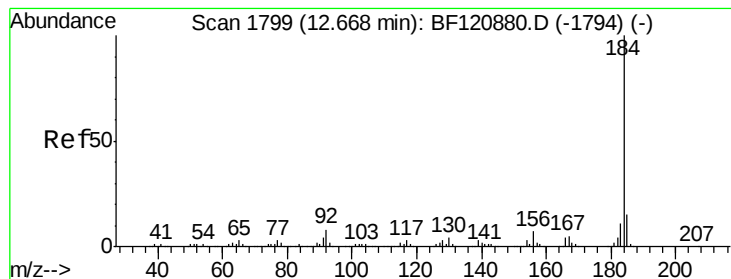
Tot Ion:202 Resp: 1583014
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 32.7
 203 18.3 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion:240 Resp: 539332
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.4
 236 26.4 21.7 32.5





#77

Benzidine

Concen: 56.280 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

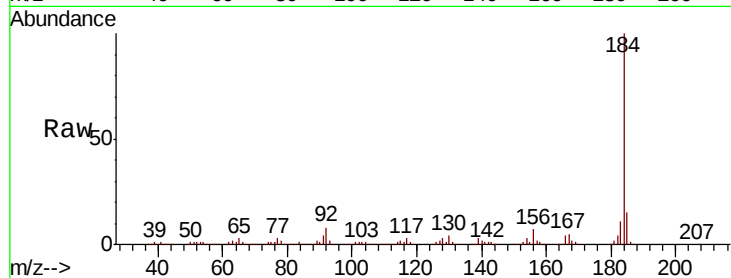
Tot Ion:184 Resp: 798051

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

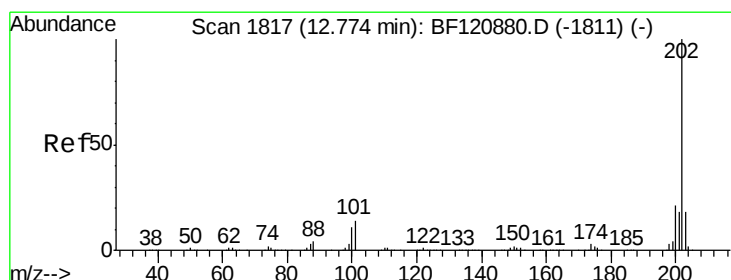
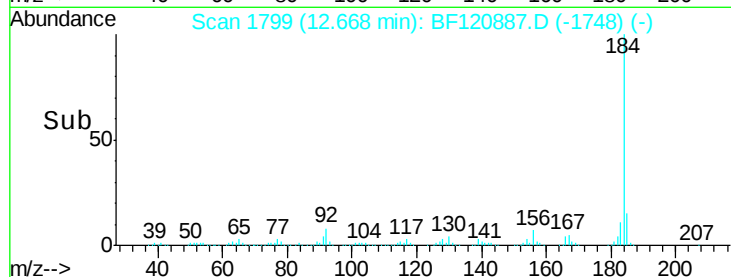
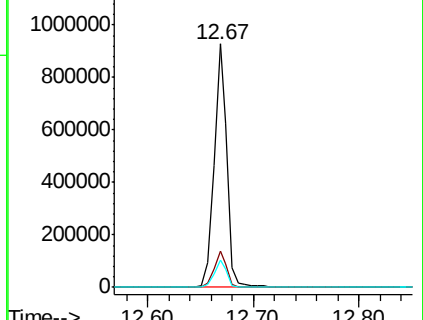
183 11.0 8.5 12.7



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: 42.155 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

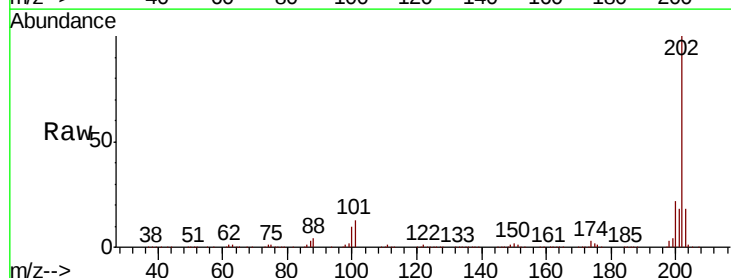
Tgt Ion:202 Resp: 1607392

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

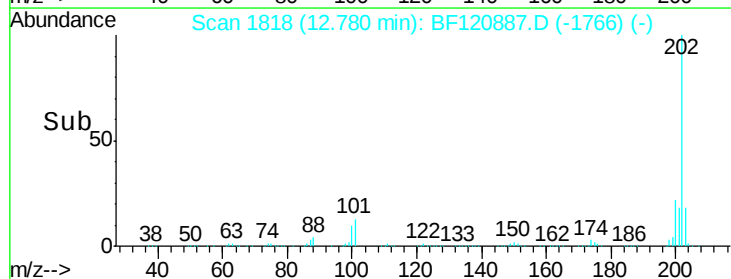
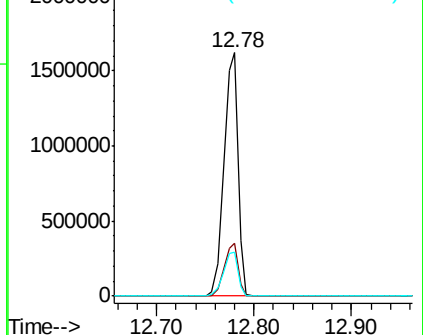
203 18.0 14.4 21.6



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: 62.282 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

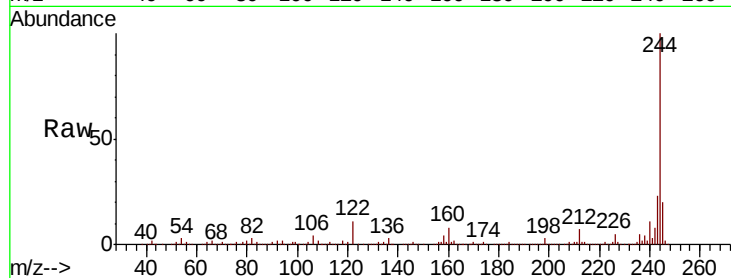
Tot Ion:244 Resp: 1545273

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

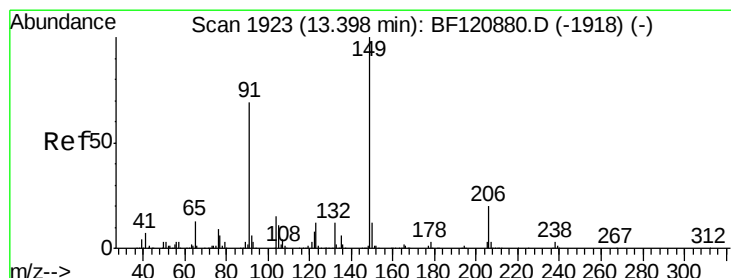
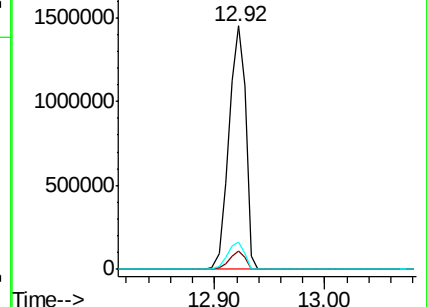
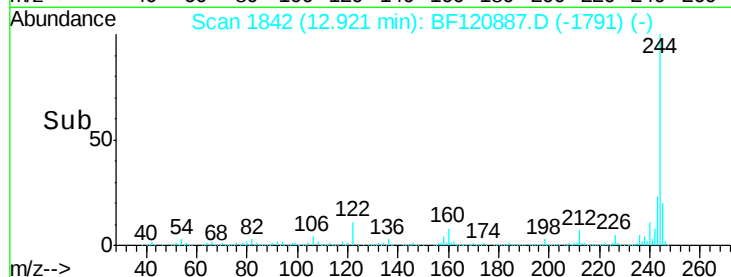
122 11.0 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.070 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

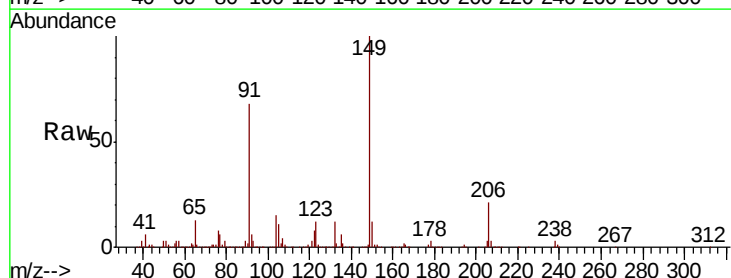
Tgt Ion:149 Resp: 749121

Ion Ratio Lower Upper

149 100

91 68.1 55.1 82.7

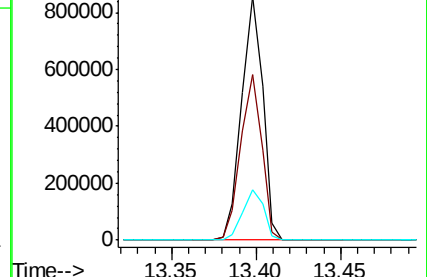
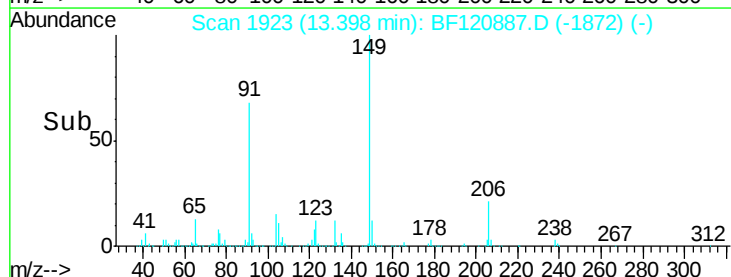
206 20.9 16.1 24.1



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: 38.990 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

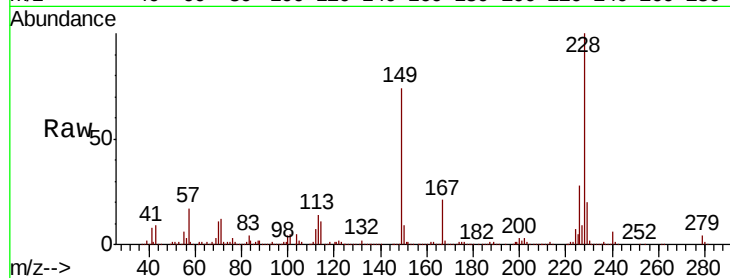
Tot Ion:228 Resp: 1273380

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

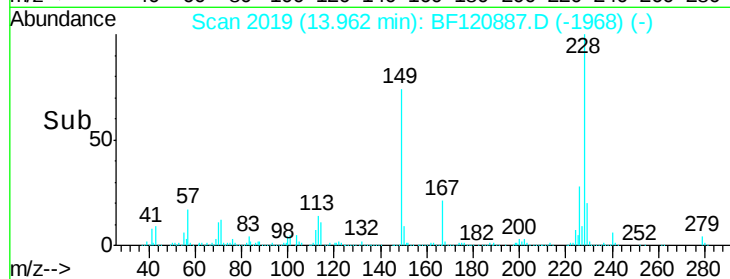
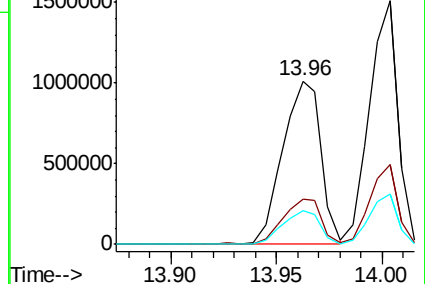
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.070 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

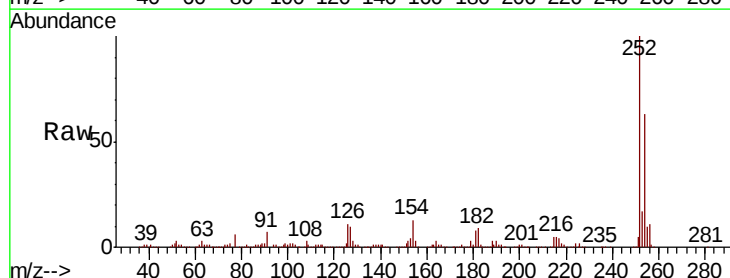
Tgt Ion:252 Resp: 419788

Ion Ratio Lower Upper

252 100

254 62.7 51.2 76.8

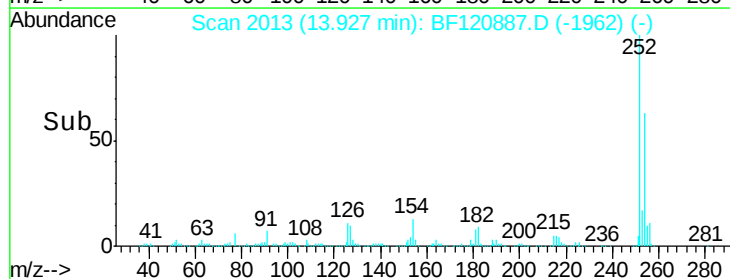
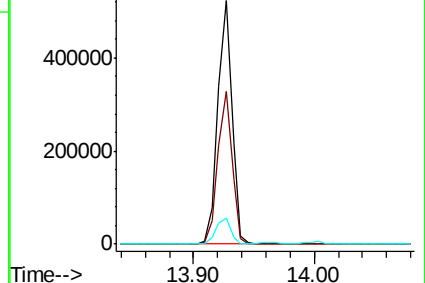
126 10.9 8.7 13.1

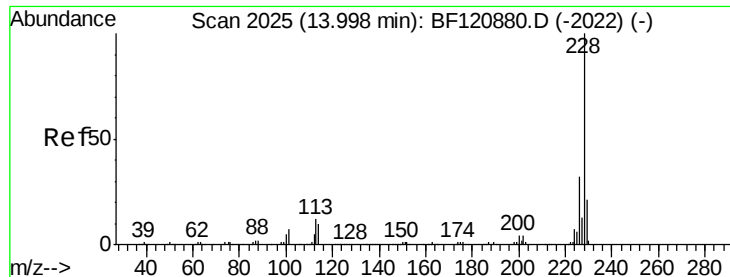


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.339 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

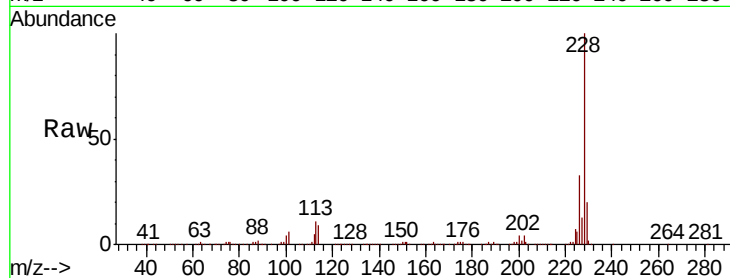
Tot Ion:228 Resp: 1418826

Ion Ratio Lower Upper

228 100

226 32.5 25.6 38.4

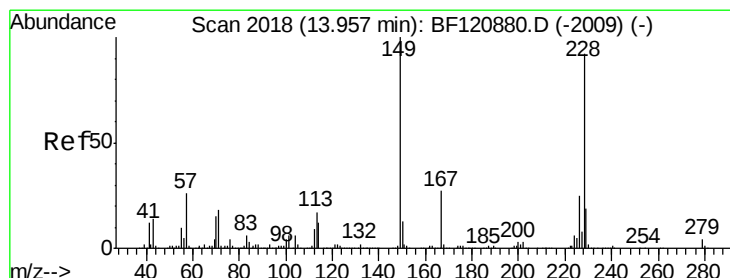
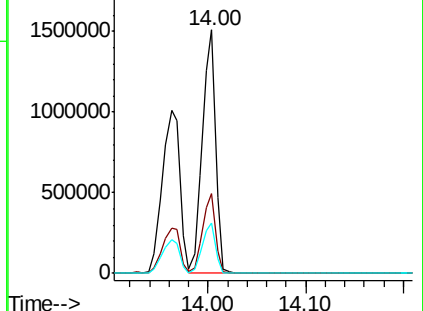
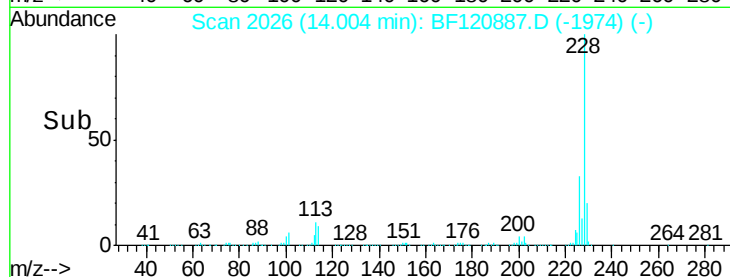
229 20.4 16.8 25.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.915 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

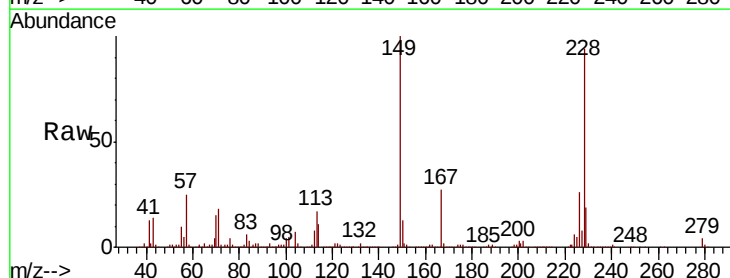
Tgt Ion:149 Resp: 836650

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

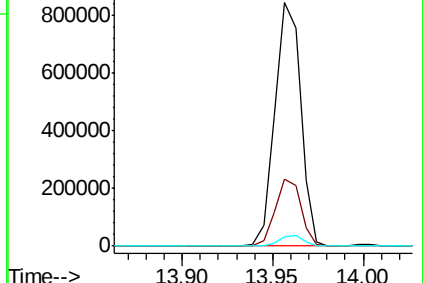
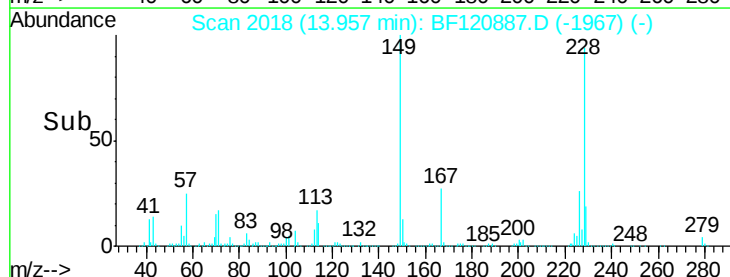
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

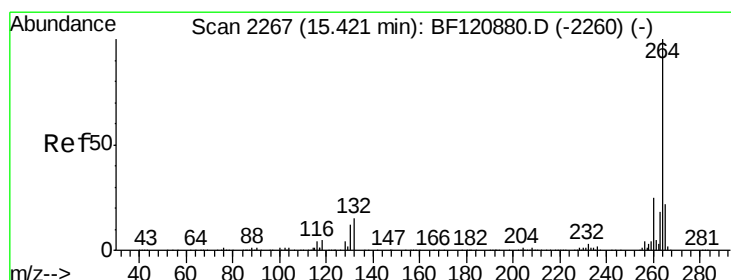
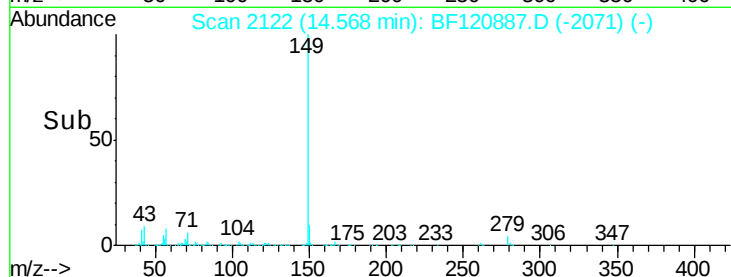
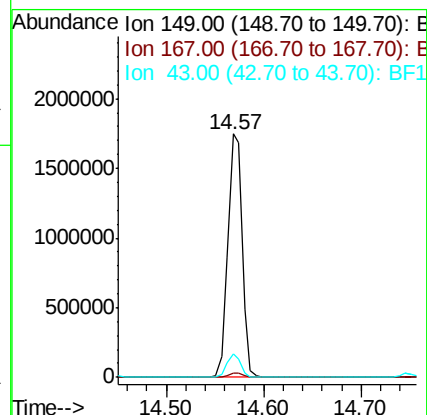
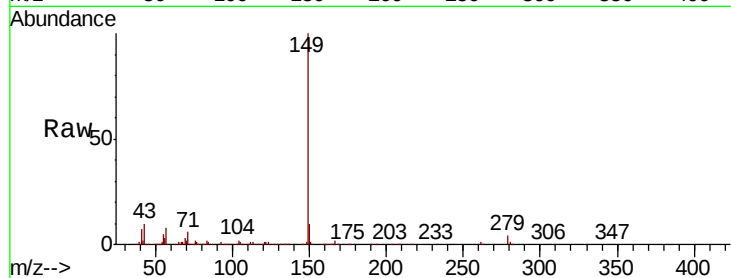




#85
Di-n-octyl phthalate
Concen: 42.613 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

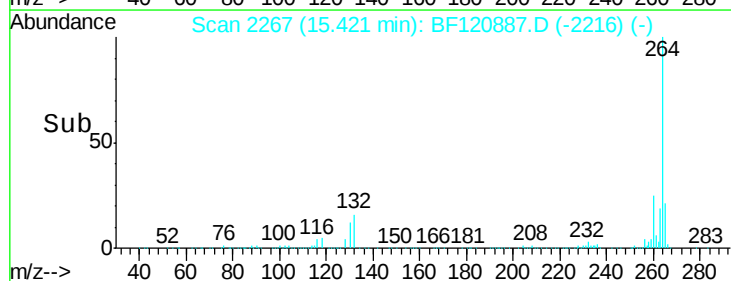
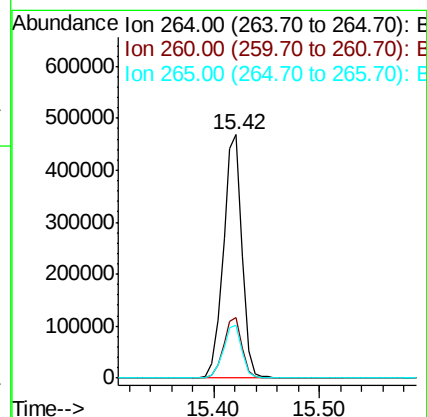
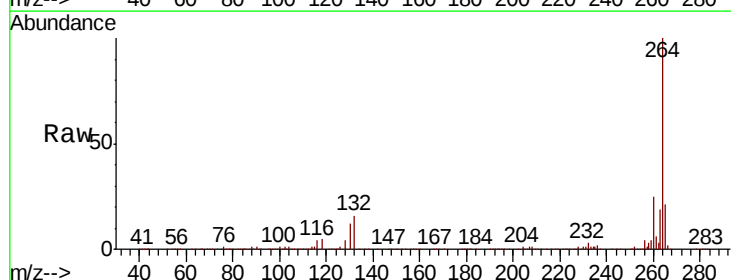
Instrument :
BNA_F
ClientSampleId :
PB130244BS

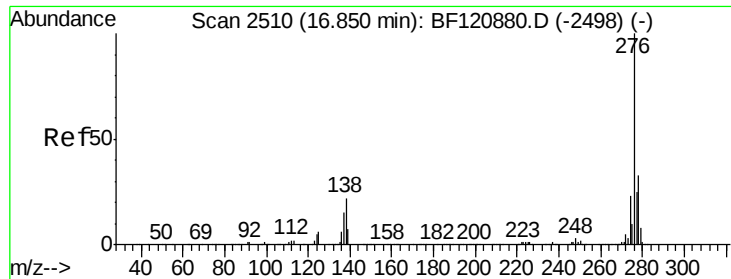
Tot Ion:149 Resp: 1777021
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:264 Resp: 576247
Ion Ratio Lower Upper
264 100
260 24.7 20.0 30.0
265 21.5 17.4 26.2

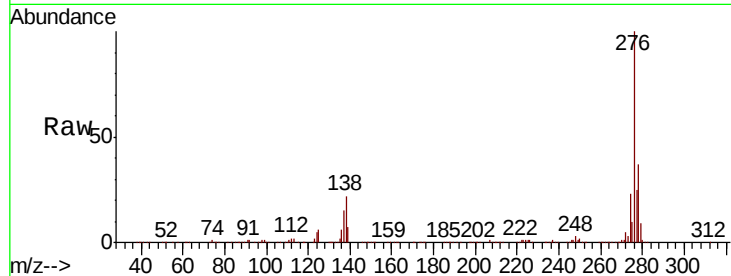




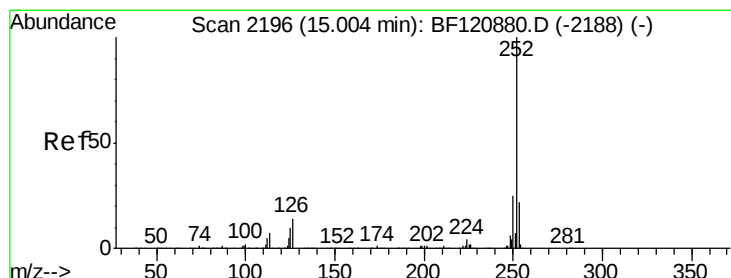
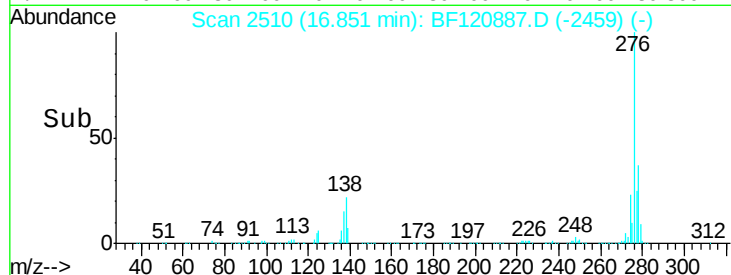
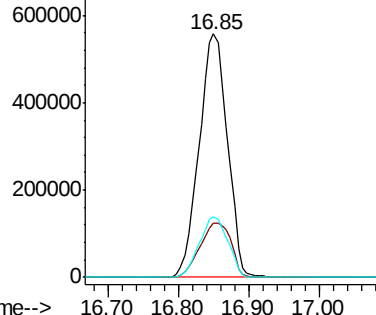
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.596 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB130244BS

Tot Ion:276 Resp: 1546747
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.8 29.8
 277 25.3 20.2 30.2

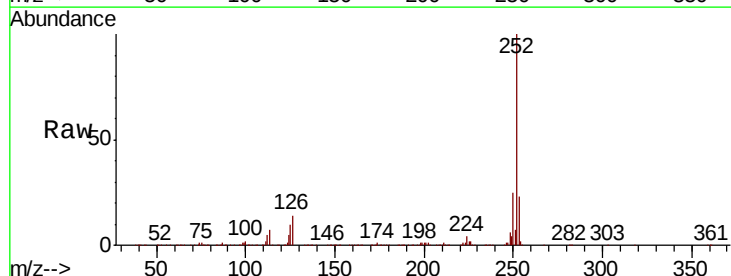


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

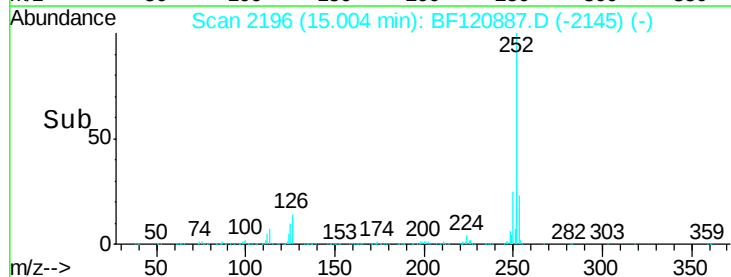
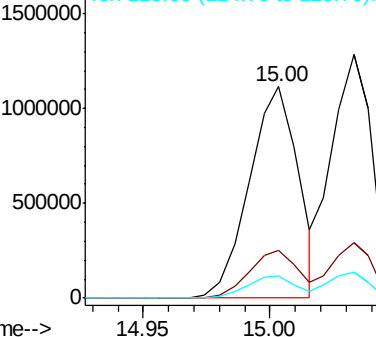


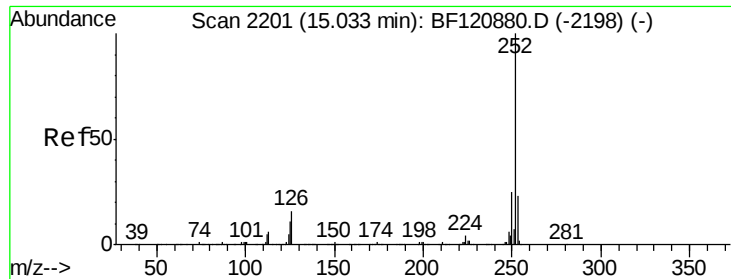
#88
 Benzo(b)fluoranthene
 Concen: 42.954 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120887.D
 Acq: 16 Jul 2020 15:59

Tgt Ion:252 Resp: 1496188
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

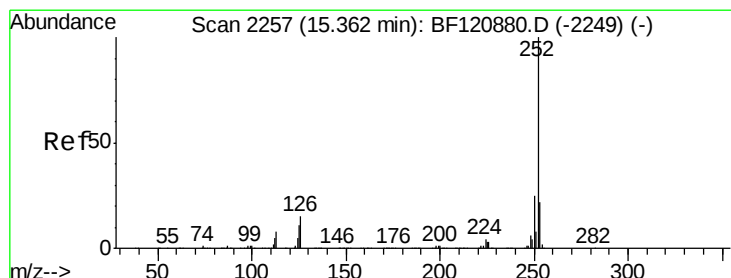
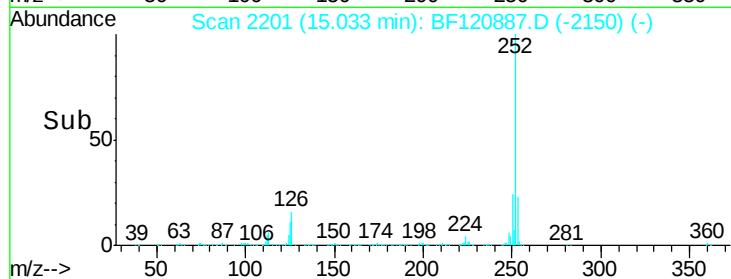
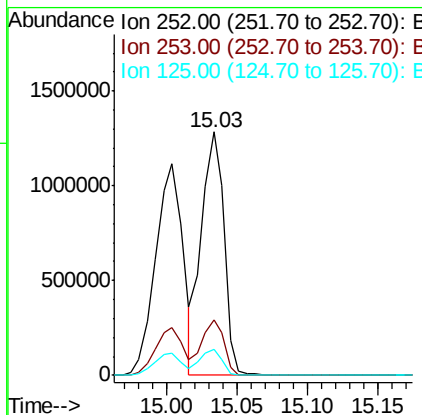
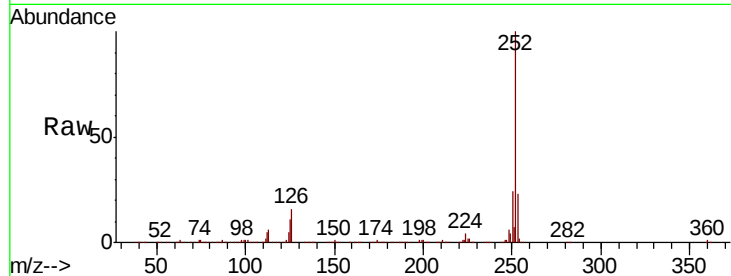




#89
Benzo(k)fluoranthene
Concen: 44.952 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

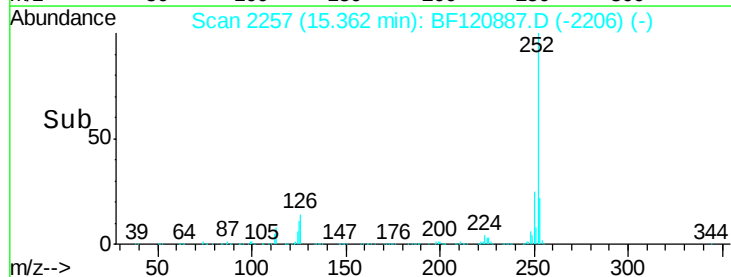
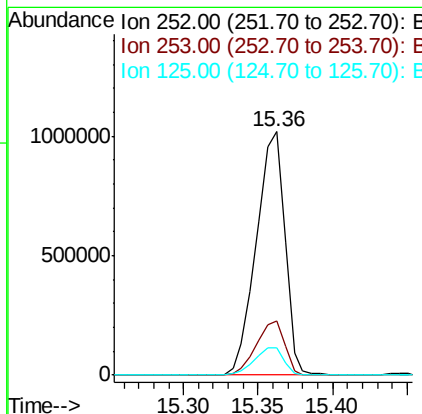
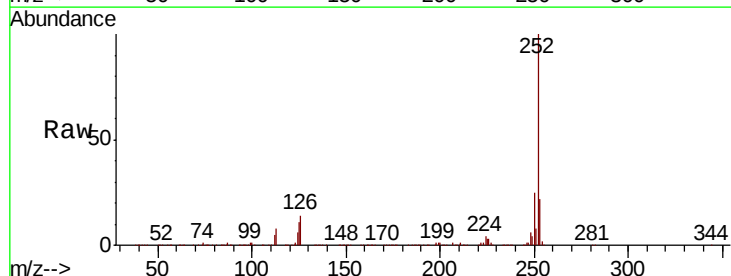
Instrument :
BNA_F
ClientSampleId :
PB130244BS

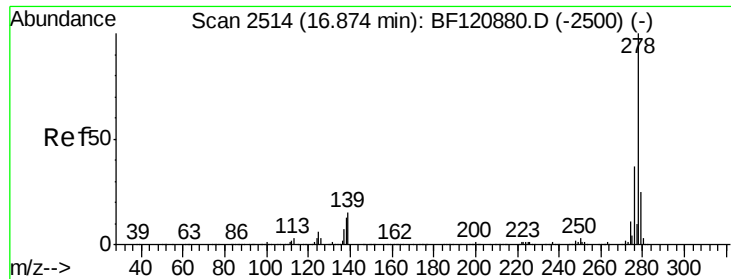
Tot Ion:252 Resp: 1427972
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.404 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120887.D
Acq: 16 Jul 2020 15:59

Tgt Ion:252 Resp: 1347562
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 39.324 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA_F

ClientSampleId :

PB130244BS

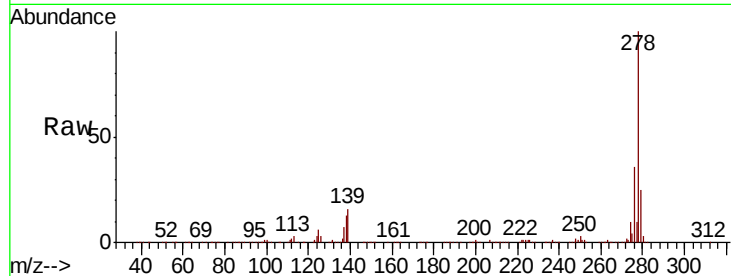
Tot Ion:278 Resp: 1287306

Ion Ratio Lower Upper

278 100

139 16.1 12.3 18.5

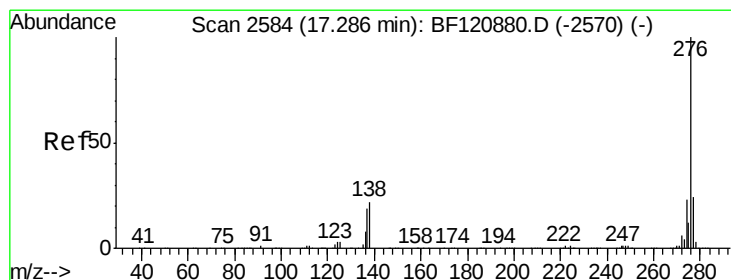
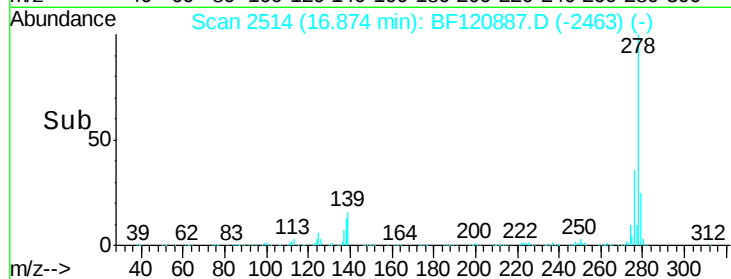
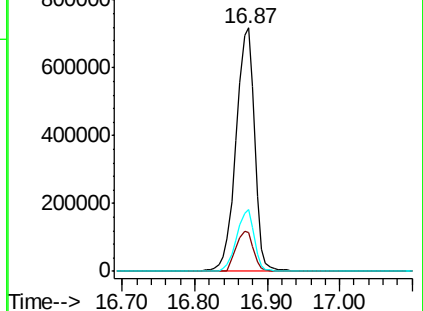
279 25.3 20.1 30.1



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: 37.836 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

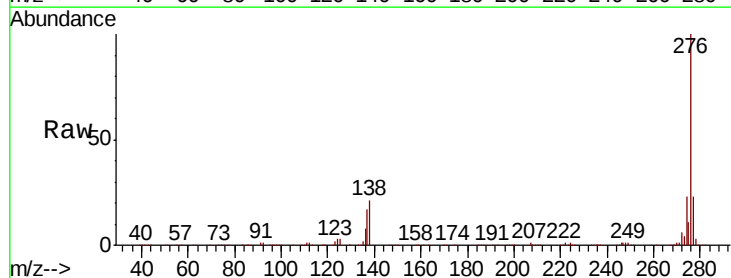
Tgt Ion:276 Resp: 1221246

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.9 17.5 26.3



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

