

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121476.D
 Acq On : 31 Aug 2020 14:17
 Operator : JU/CG
 Sample : PB131281BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Quant Time: Aug 31 14:44:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	320872	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1263577	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	673881	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1292355	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1037775	20.00	ng	0.00
86) Perylene-d12	15.49	264	1005131	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1938487	101.36	ng	0.02
7) Phenol-d6	6.49	99	2597581	97.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	2079340	112.50	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	792162	116.38	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3658779	87.61	ng	0.00
79) Terphenyl-d14	12.97	244	3374515	68.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	341645	37.458	ng	99
3) Pyridine	3.49	79	775011	31.203	ng	98
4) n-Nitrosodimethylamine	3.44	42	403238	36.728	ng	90
6) Aniline	6.52	93	1012087	31.915	ng	99
8) 2-Chlorophenol	6.65	128	825949	42.552	ng	95
9) Benzaldehyde	6.41	77	499213	36.613	ng	100
10) Phenol	6.50	94	1075049	41.118	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	806739	37.978	ng	98
12) 1,3-Dichlorobenzene	6.80	146	864613	36.995	ng	99
13) 1,4-Dichlorobenzene	6.88	146	883507	37.721	ng	99
14) 1,2-Dichlorobenzene	7.03	146	810326	37.155	ng	99
15) Benzyl Alcohol	7.00	79	713313	40.663	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1148215	36.487	ng	98
17) 2-Methylphenol	7.11	107	688787	40.784	ng	100
18) Hexachloroethane	7.37	117	320327	39.962	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	587003	39.301	ng	97
20) 3+4-Methylphenols	7.26	107	827345	40.482	ng	88
22) Acetophenone	7.27	105	1110382	35.654	ng	# 98
24) Nitrobenzene	7.45	77	858594	46.344	ng	95
25) Isophorone	7.69	82	1610886	38.750	ng	99
26) 2-Nitrophenol	7.76	139	407135	51.148	ng	98
27) 2,4-Dimethylphenol	7.80	122	780197	45.250	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1023680	36.213	ng	99
29) 2,4-Dichlorophenol	8.00	162	704689	41.393	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	752578	36.086	ng	99
31) Naphthalene	8.17	128	2337605	37.264	ng	100
32) Benzoic acid	7.92	122	528404	48.708	ng	100
33) 4-Chloroaniline	8.21	127	688449	24.640	ng	99
34) Hexachlorobutadiene	8.29	225	435179	35.089	ng	99
35) Caprolactam	8.59	113	159685	28.759	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	726187	40.457	ng	98
37) 2-Methylnaphthalene	8.86	142	1611704	38.778	ng	99
38) 1-Methylnaphthalene	8.96	142	1517860	38.676	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	719561	36.021	ng	99

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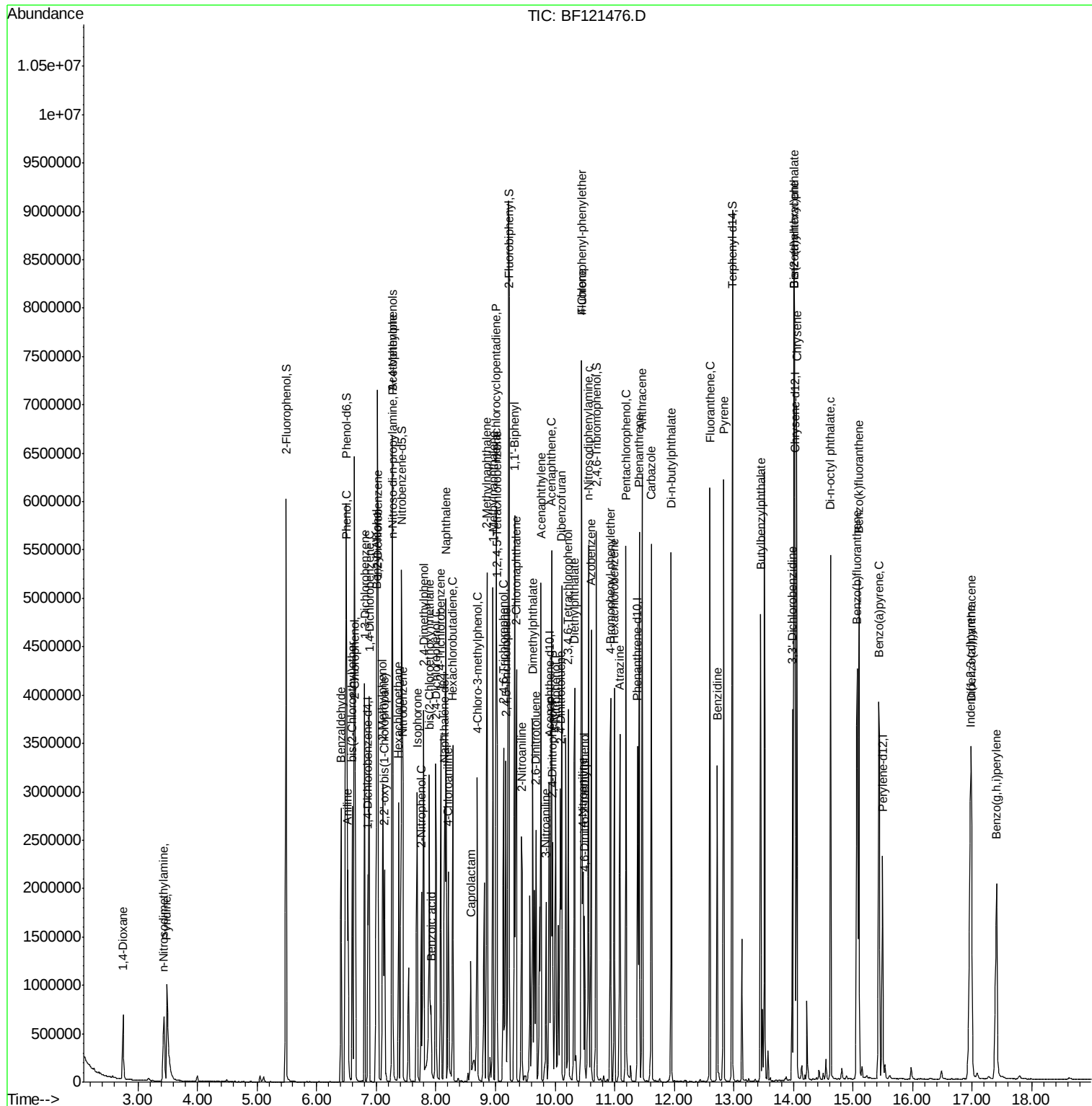
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	809274	96.338	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	522545	41.387	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	531138	42.542	nq	97
46) 1,1'-Biphenyl	9.32	154	1939594	38.143	nq	99
47) 2-Chloronaphthalene	9.35	162	1467663	35.114	nq	99
48) 2-Nitroaniline	9.44	65	465290	40.816	nq	95
49) Acenaphthylene	9.76	152	2365137	37.725	nq	99
50) Dimethylphthalate	9.63	163	1721083	37.181	nq	99
51) 2,6-Dinitrotoluene	9.69	165	379660	44.329	nq	90
52) Acenaphthene	9.94	154	1576173	39.815	nq	99
53) 3-Nitroaniline	9.85	138	292283	28.892	nq	# 97
54) 2,4-Dinitrophenol	9.96	184	313926	78.940	nq	91
55) Dibenzofuran	10.11	168	2128143	37.007	nq	100
56) 4-Nitrophenol	10.02	139	701292	78.616	nq	86
57) 2,4-Dinitrotoluene	10.09	165	494680	46.574	nq	98
58) Fluorene	10.45	166	1579131	36.427	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	463233	44.565	nq	100
60) Diethylphthalate	10.33	149	1727419	37.144	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	785271	36.154	nq	95
62) 4-Nitroaniline	10.47	138	412614	37.566	nq	97
63) Azobenzene	10.60	77	1688469	36.714	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	210238	52.894	nq	98
66) n-Nitrosodiphenylamine	10.56	169	1491483	36.490	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	503656	35.426	nq	98
68) Hexachlorobenzene	11.00	284	581743	34.992	nq	99
69) Atrazine	11.09	200	436003	36.781	nq	100
70) Pentachlorophenol	11.19	266	694887	91.490	nq	96
71) Phenanthrene	11.42	178	2346264	35.377	nq	99
72) Anthracene	11.46	178	2419457	37.092	nq	100
73) Carbazole	11.62	167	2267963	36.056	nq	100
74) Di-n-butylphthalate	11.95	149	2594933	37.136	nq	100
75) Fluoranthene	12.60	202	2603854	36.429	nq	100
77) Benzidine	12.72	184	1205578	53.266	nq	99
78) Pyrene	12.83	202	2642465	35.653	nq	100
80) Butylbenzylphthalate	13.45	149	1156626	40.508	nq	99
81) Benzo(a)anthracene	14.02	228	2225674	35.132	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	769176	33.149	nq	98
83) Chrysene	14.06	228	2222609	35.068	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1459921	39.588	nq	100
85) Di-n-octyl phthalate	14.62	149	2668468	42.698	nq	99
87) Indeno(1,2,3-cd)pyrene	16.97	276	2291600	37.055	nq	100
88) Benzo(b)fluoranthene	15.07	252	2355262	36.022	nq	99
89) Benzo(k)fluoranthene	15.10	252	2296887	37.768	nq	99
90) Benzo(a)pyrene	15.43	252	2128625	36.205	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1901131	37.554	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1857046	38.081	nq	97

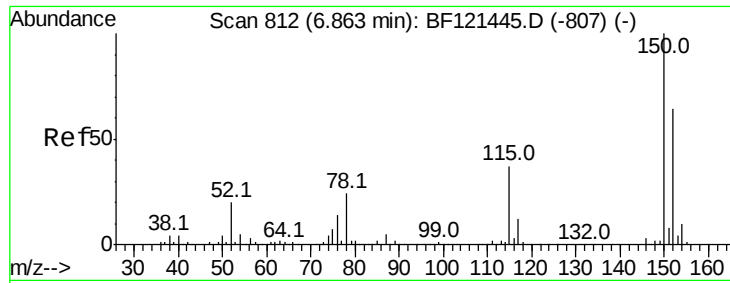
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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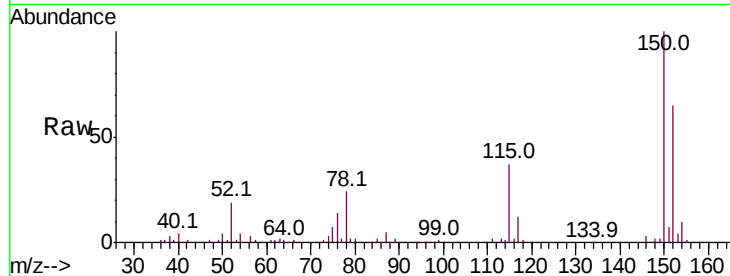


#1

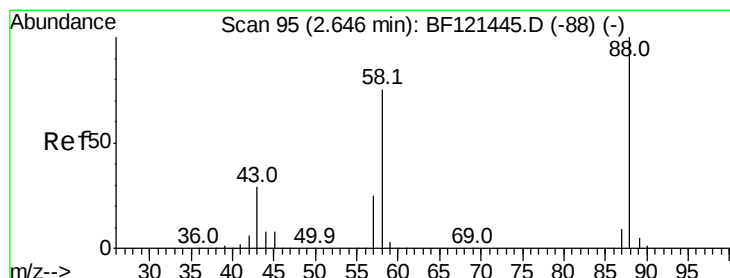
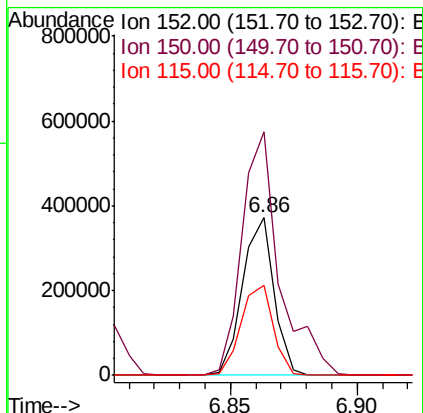
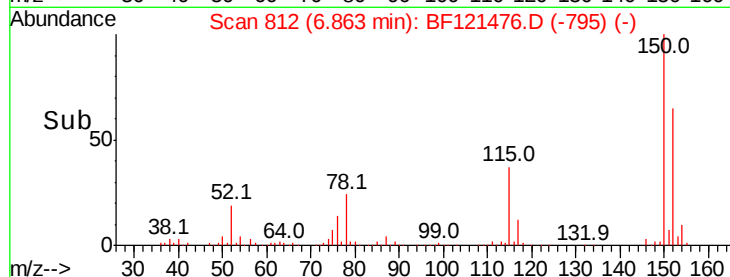
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:152 Resp: 320872
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 57.1 46.6 69.8



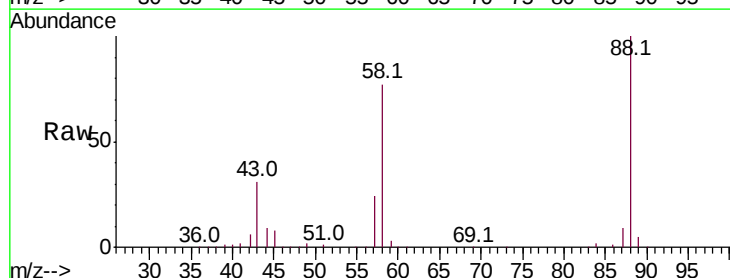
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



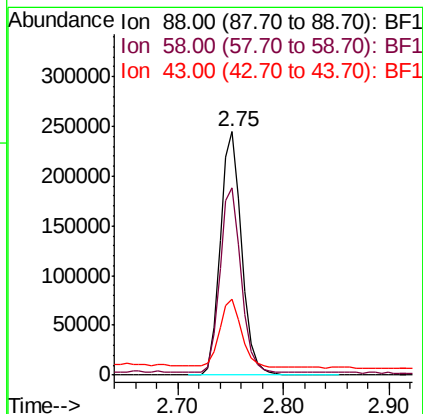
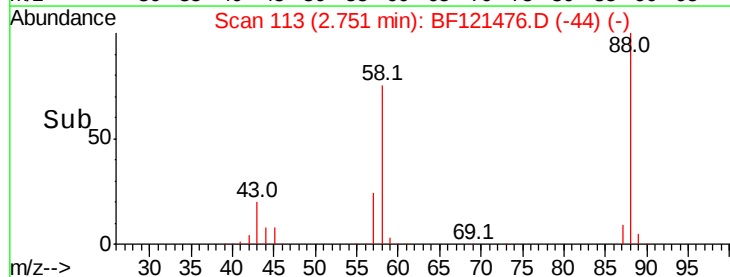
#2

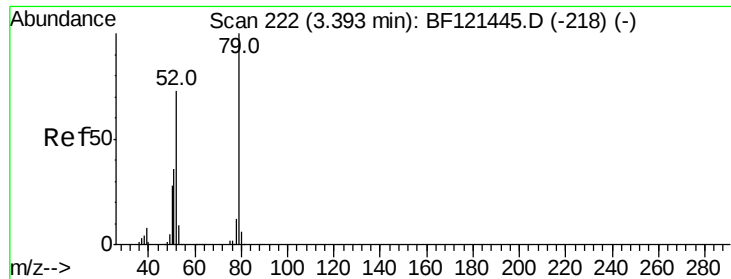
1,4-Dioxane
Concen: 37.458 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.11 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion: 88 Resp: 341645
Ion Ratio Lower Upper
88 100
58 75.8 61.1 91.7
43 29.1 23.4 35.0



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: 31.203 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

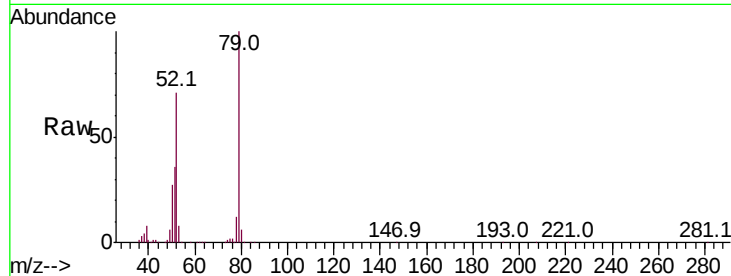
Tot Ion: 79 Resp: 775011

Ion Ratio Lower Upper

79 100

52 70.9 58.2 87.4

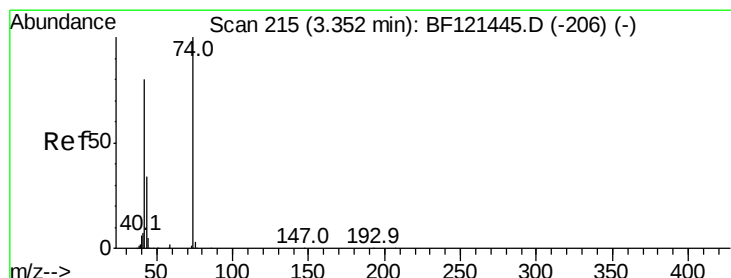
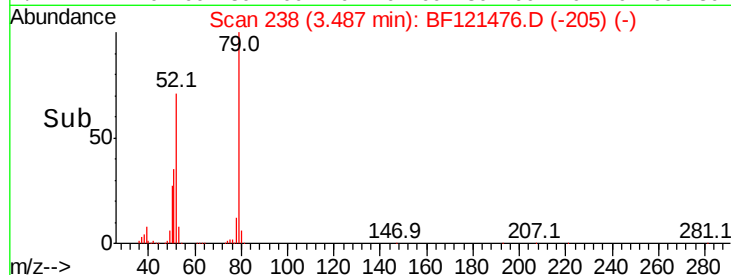
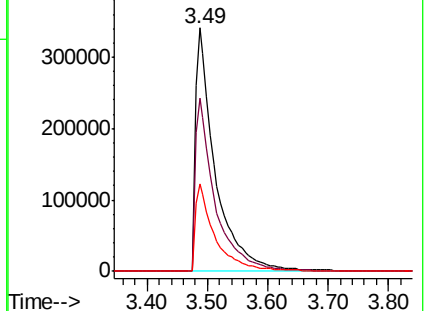
51 35.7 29.1 43.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.728 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.09 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

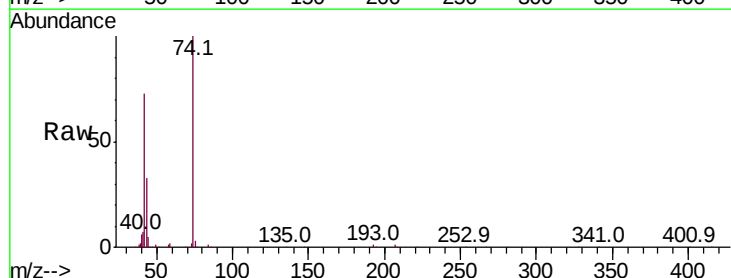
Tgt Ion: 42 Resp: 403238

Ion Ratio Lower Upper

42 100

74 137.5 100.2 150.4

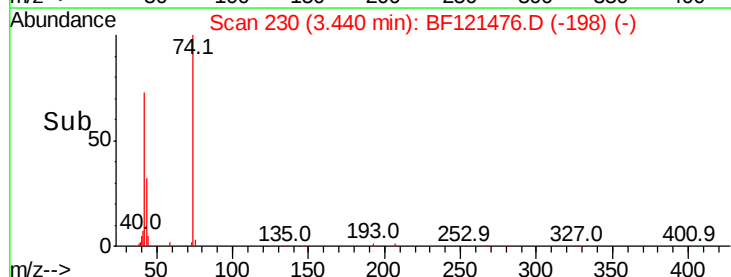
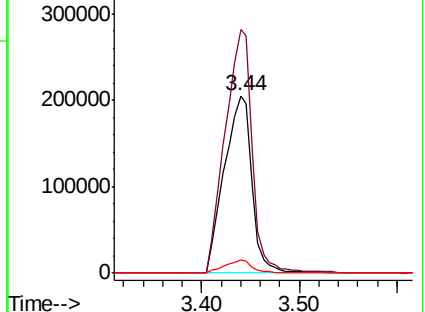
44 7.2 5.4 8.0

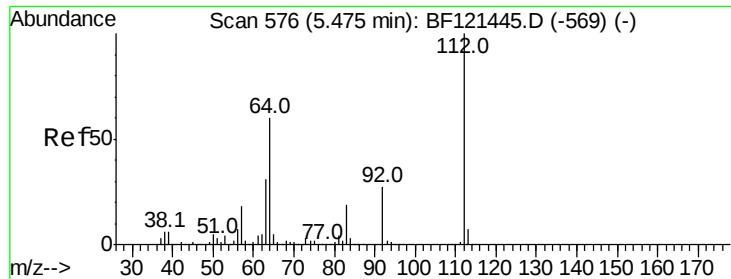


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.358 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

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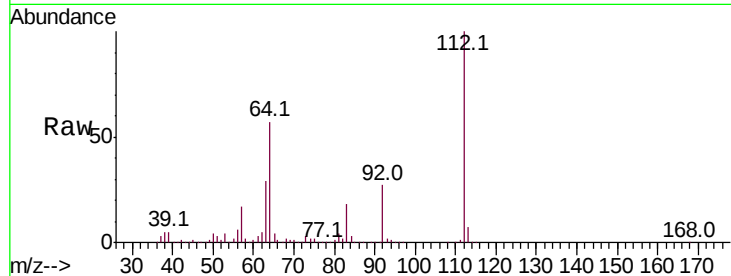
Tot Ion:112 Resp: 1938487

Ion Ratio Lower Upper

112 100

64 57.0 48.2 72.2

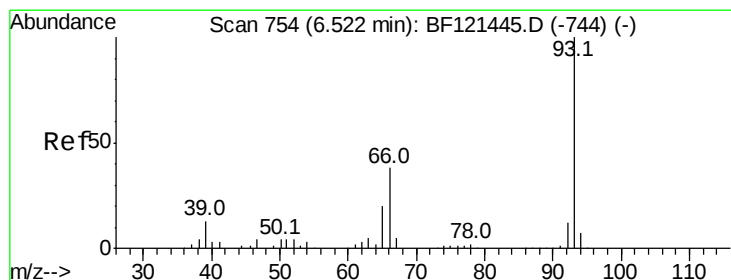
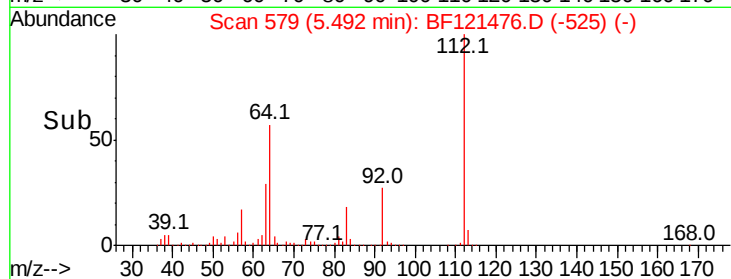
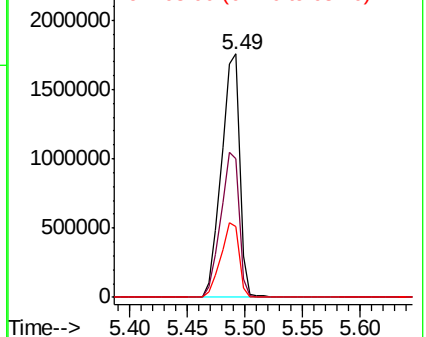
63 29.3 24.8 37.2



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: 31.915 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

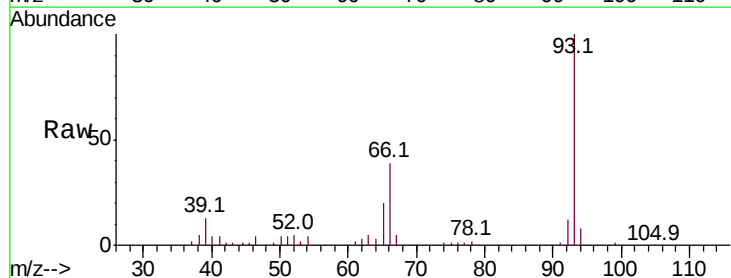
Tgt Ion: 93 Resp: 1012087

Ion Ratio Lower Upper

93 100

66 39.1 30.9 46.3

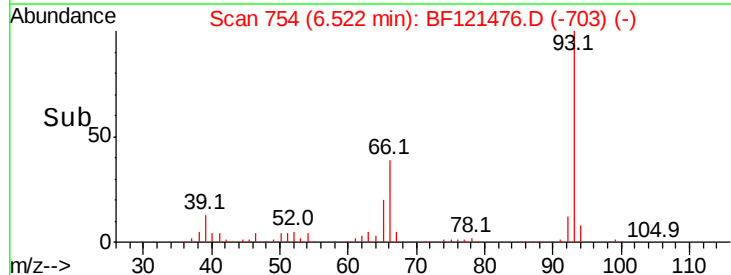
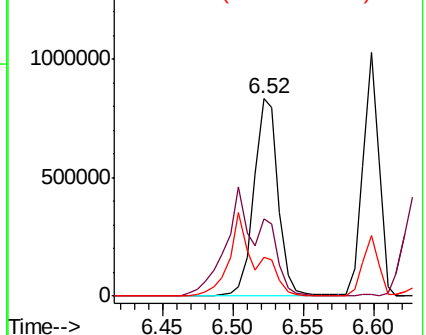
65 19.8 15.9 23.9

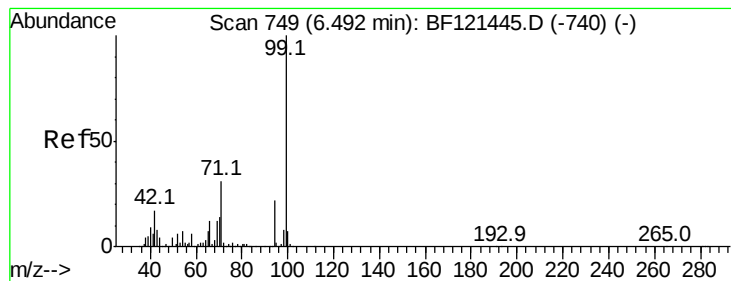


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.190 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

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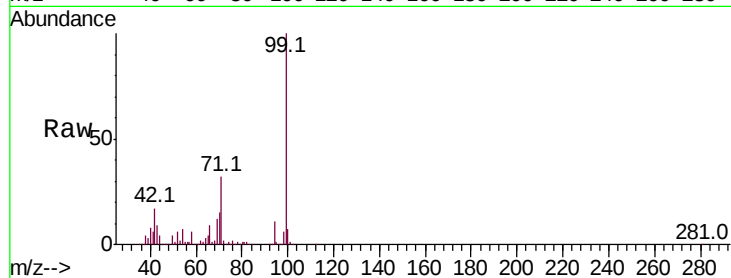
Tot Ion: 99 Resp: 2597581

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

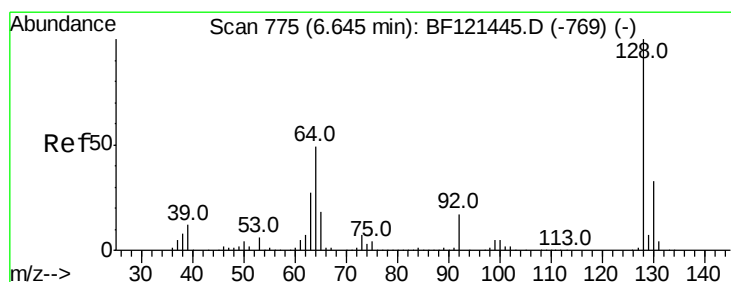
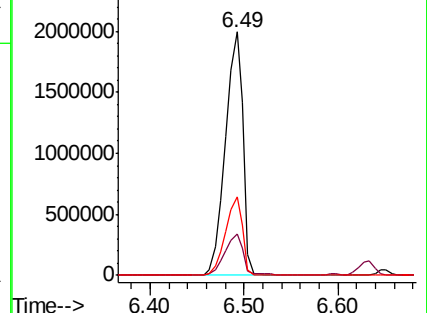
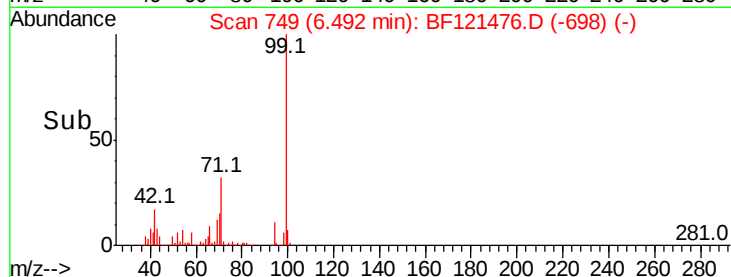
71 32.4 24.6 37.0



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: 42.552 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

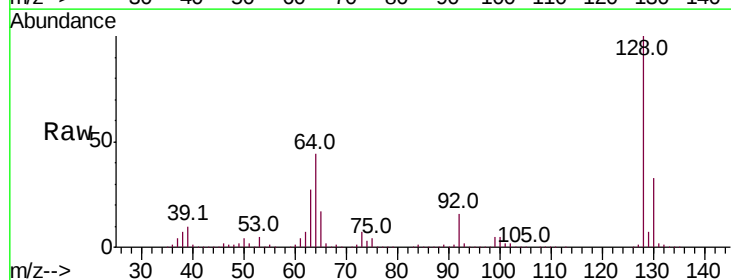
Tgt Ion: 128 Resp: 825949

Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

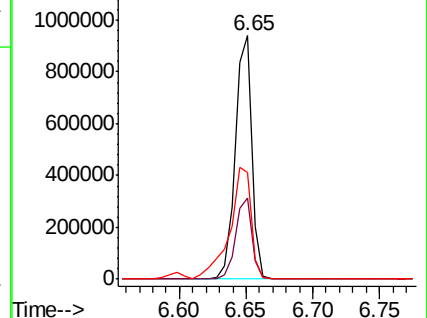
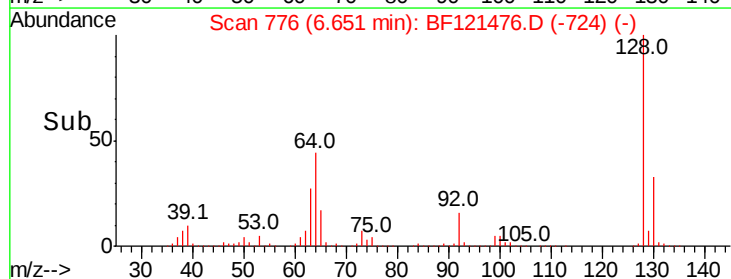
64 43.9 29.5 69.5

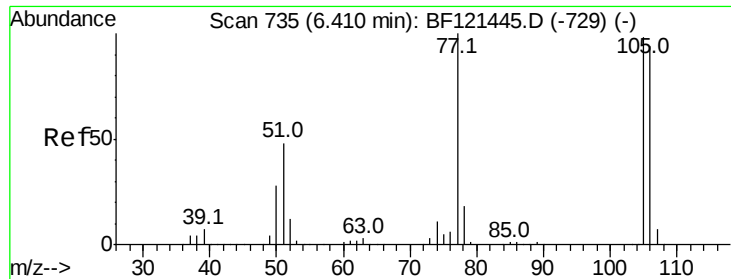


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.613 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

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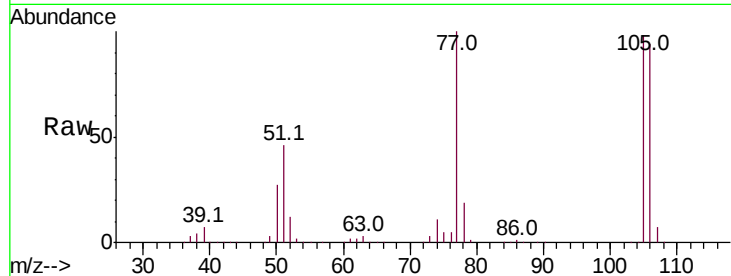
Tot Ion: 77 Resp: 499213

Ion Ratio Lower Upper

77 100

105 98.0 78.1 118.1

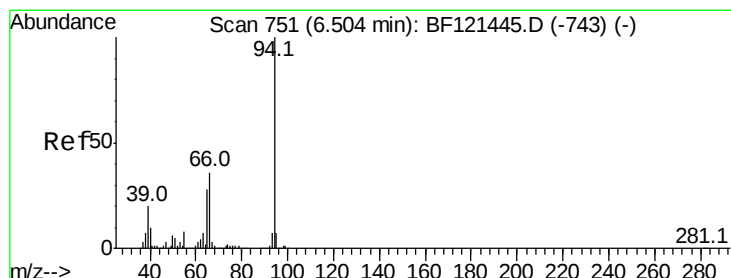
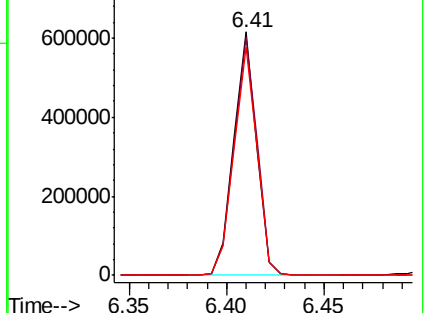
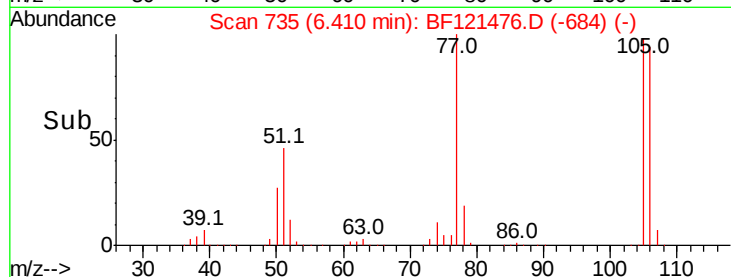
106 93.7 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.118 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

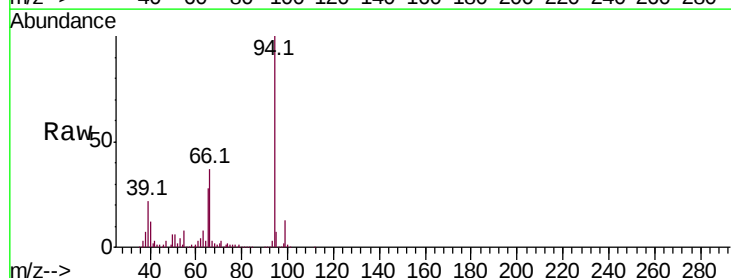
Tgt Ion: 94 Resp: 1075049

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

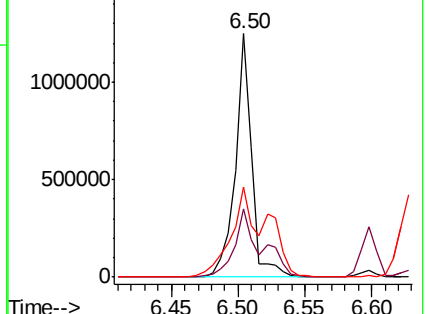
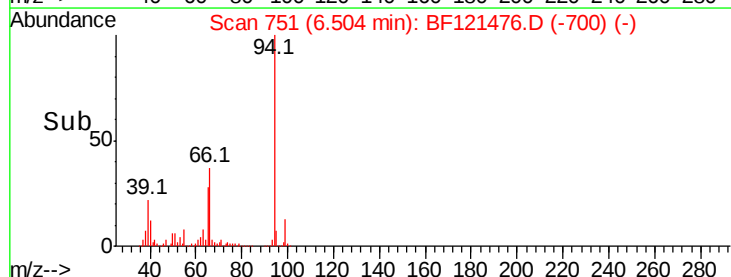
66 36.8 16.0 56.0

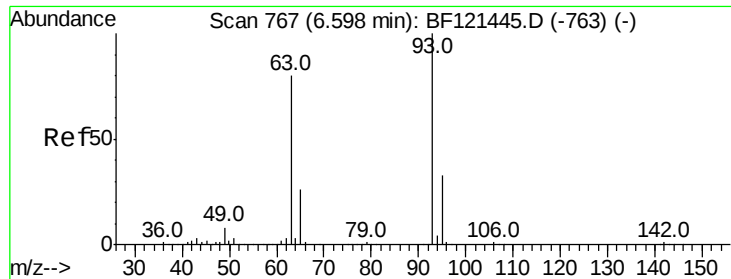


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.978 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

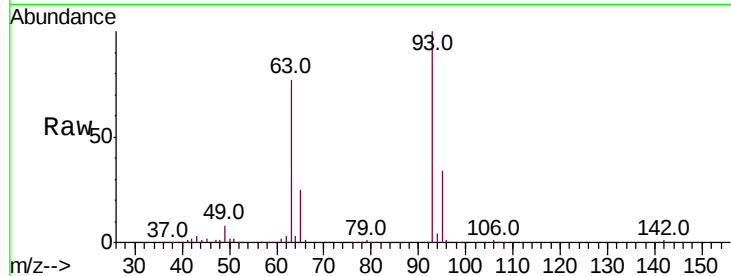
Tot Ion: 93 Resp: 806739

Ion Ratio Lower Upper

93 100

63 77.2 59.3 99.3

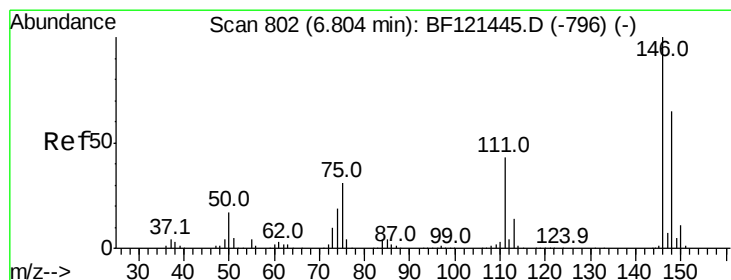
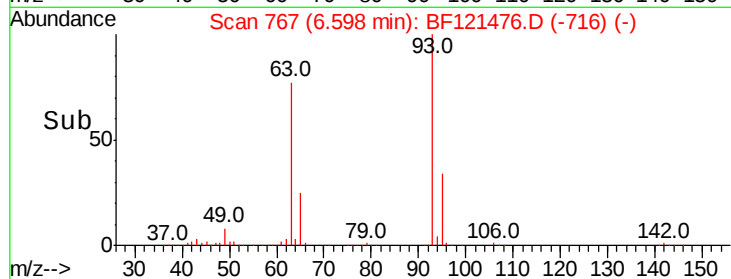
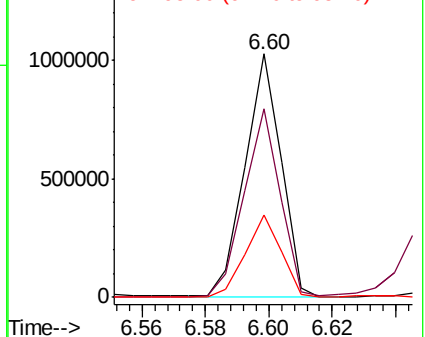
95 33.7 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.995 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

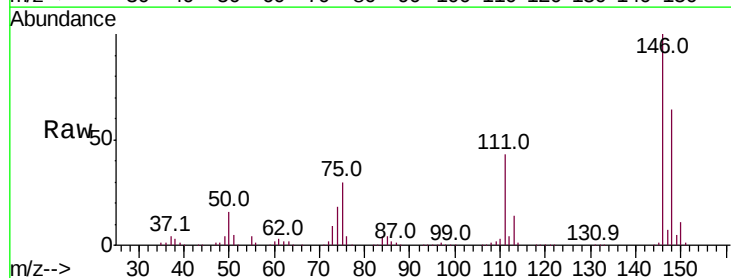
Tgt Ion: 146 Resp: 864613

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

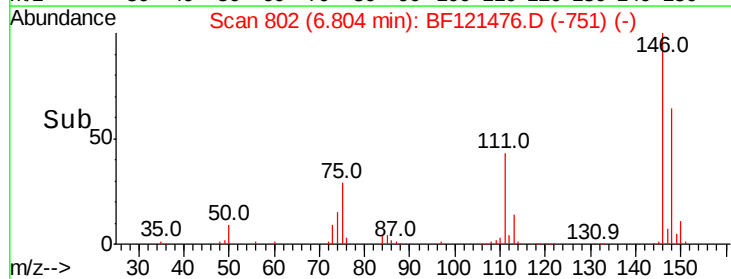
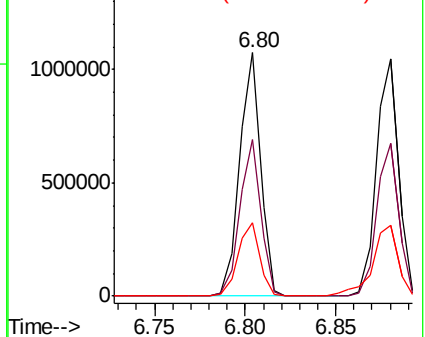
75 29.9 24.9 37.3

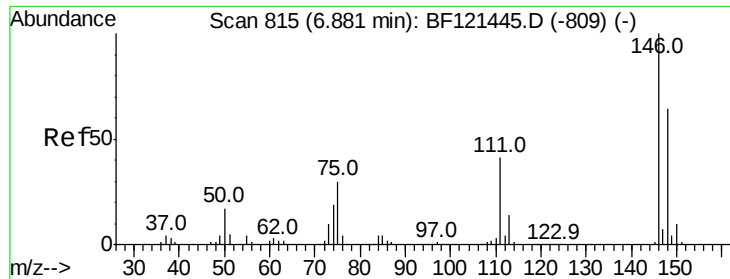


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

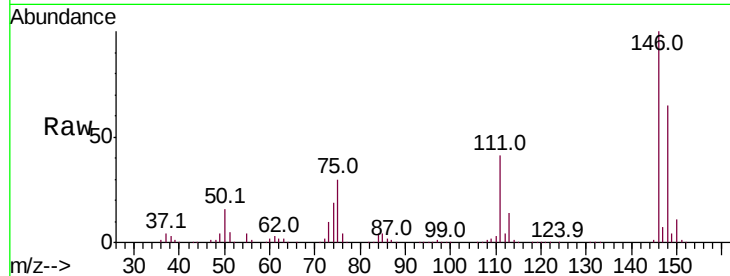




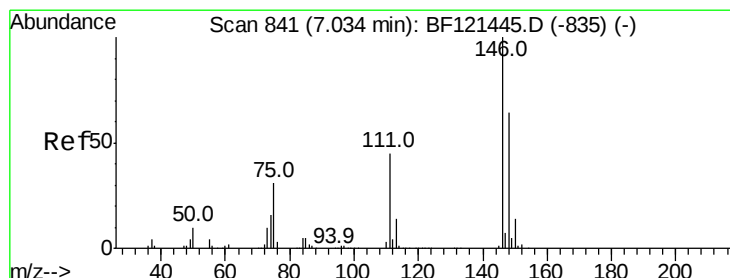
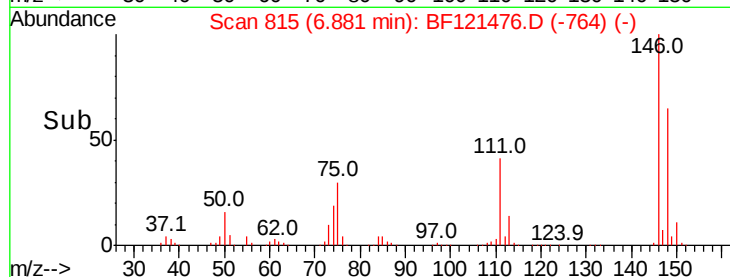
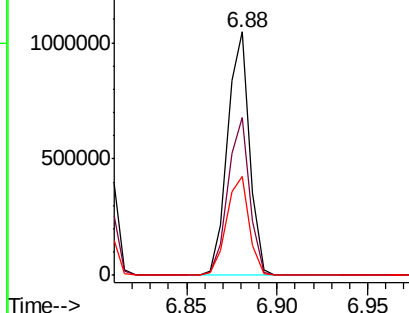
#13
 1,4-Dichlorobenzene
 Concen: 37.721 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	40.8	33.0	49.6

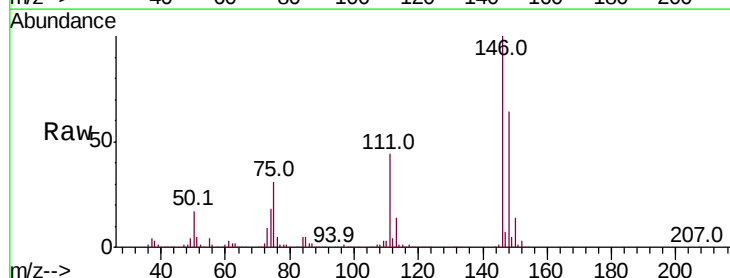


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

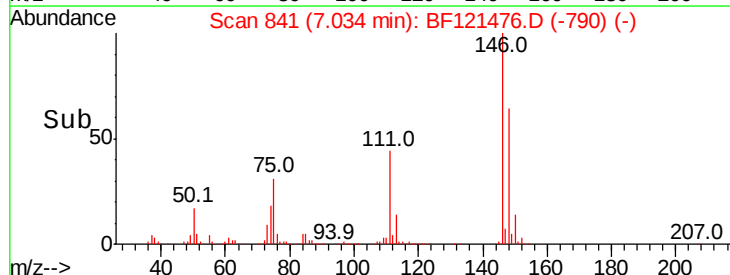
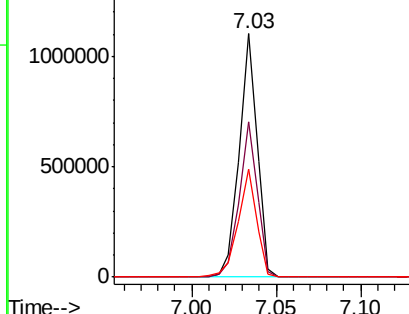


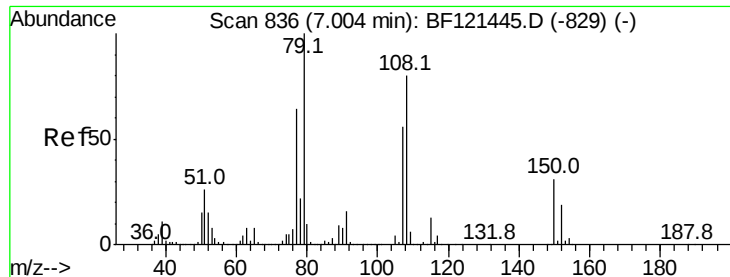
#14
 1,2-Dichlorobenzene
 Concen: 37.155 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	44.1	36.2	54.2



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: 40.663 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

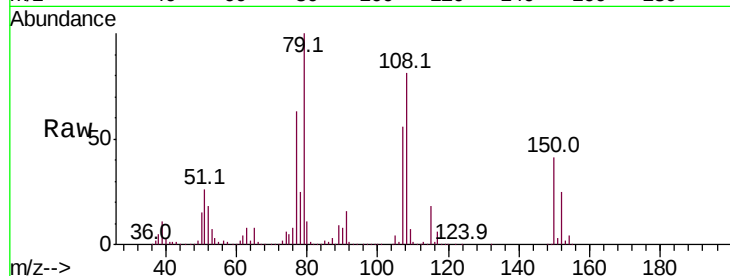
Tot Ion: 79 Resp: 713313

Ion Ratio Lower Upper

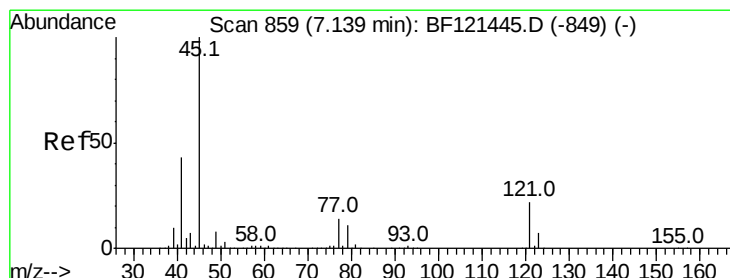
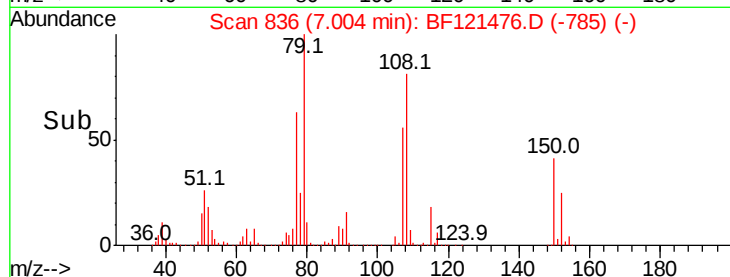
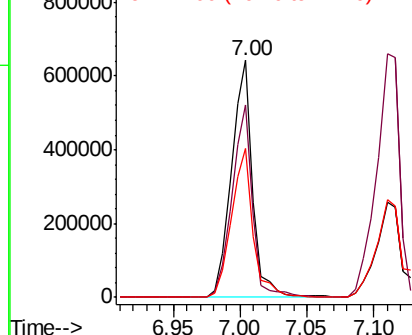
79 100

108 81.3 64.0 96.0

77 62.9 50.8 76.2



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: 36.487 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

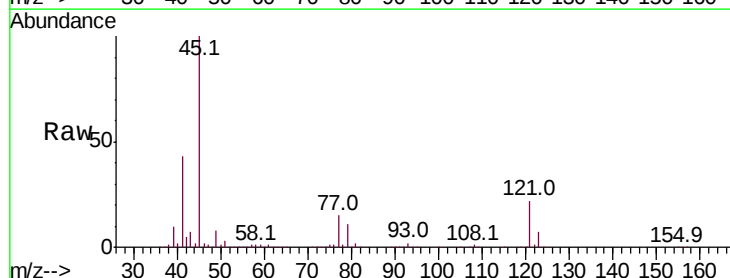
Tgt Ion: 45 Resp: 1148215

Ion Ratio Lower Upper

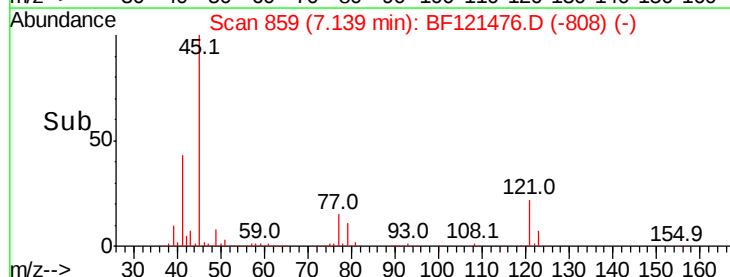
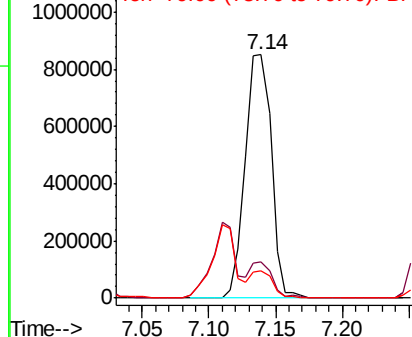
45 100

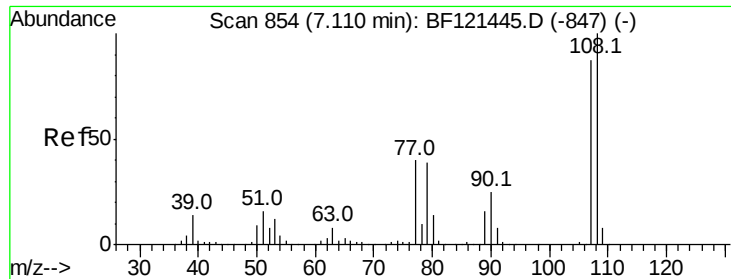
77 14.8 0.0 33.8

79 11.5 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

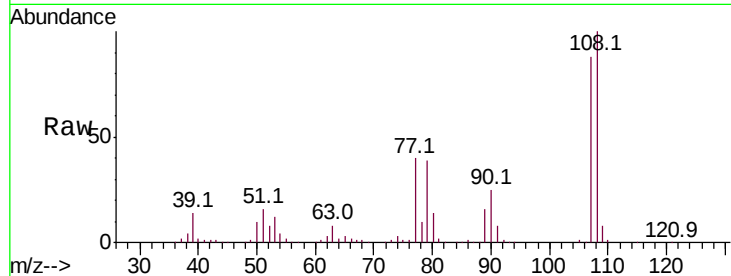




#17
2-Methylphenol
Concen: 40.784 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	45.7	36.4	54.6
79	44.4	35.5	53.3



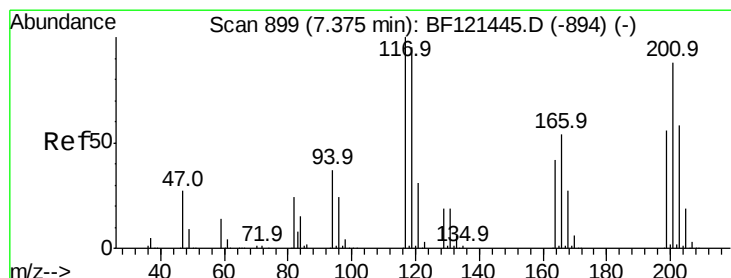
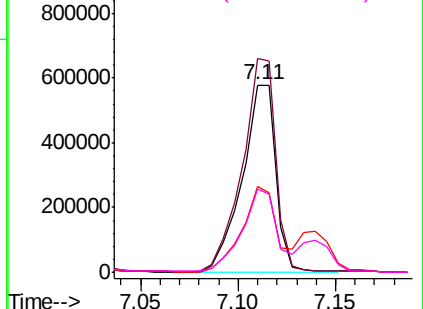
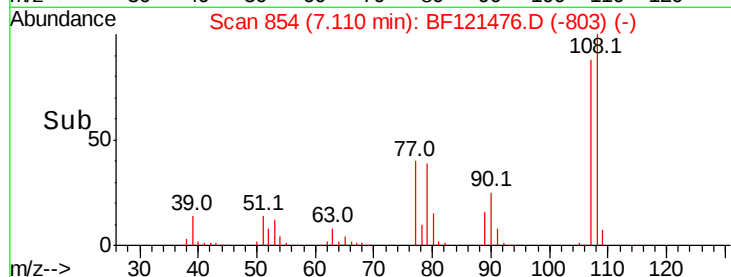
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

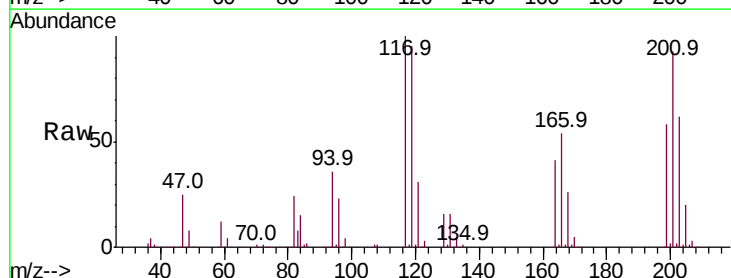
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.962 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	93.0	70.4	105.6

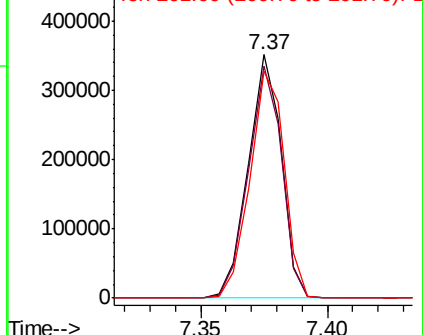
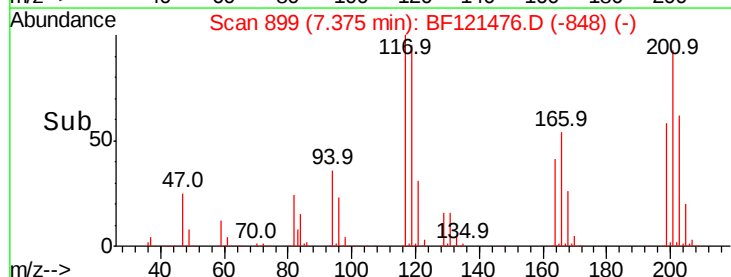


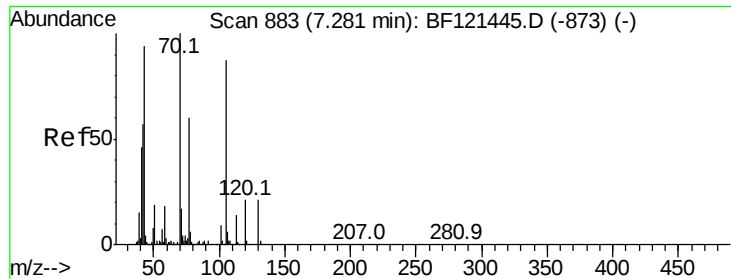
Abundance

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

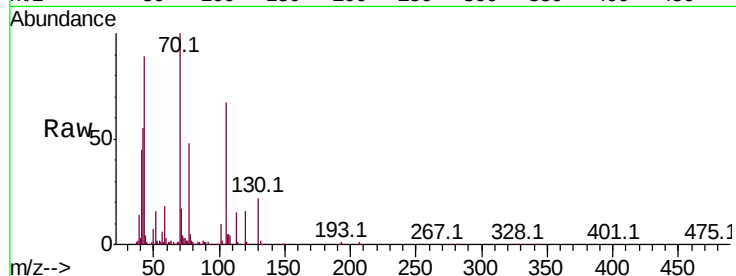




#19
n-Nitroso-di-n-propylamine
Concen: 39.301 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:	70	Resp:	587003
Ion	Ratio	Lower	Upper
70	100		
42	54.8	45.8	68.6
101	9.7	7.5	11.3
130	22.3	16.5	24.7



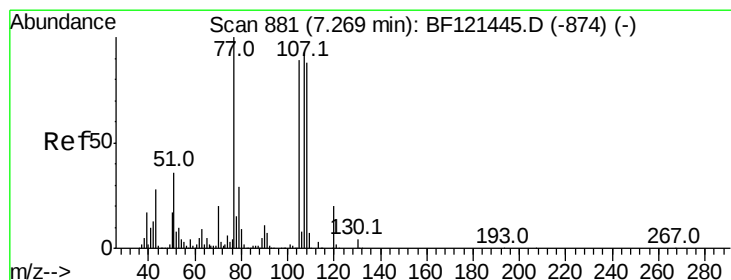
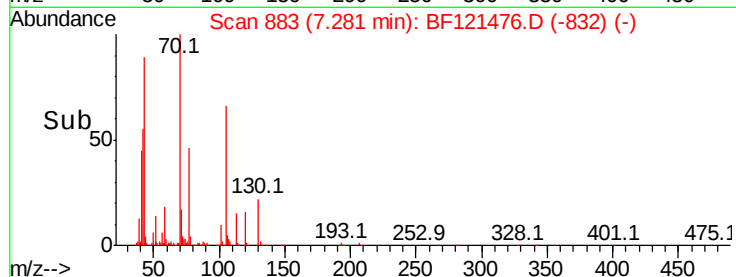
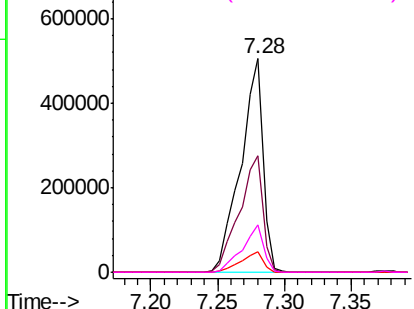
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

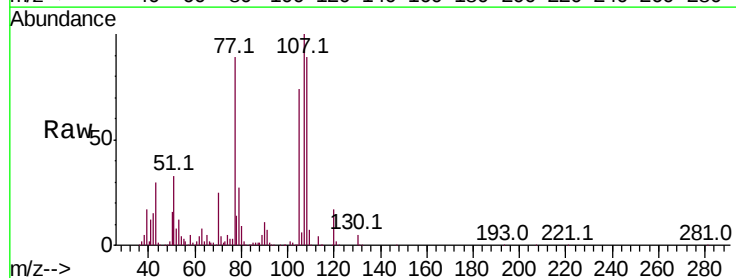
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.482 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:	107	Resp:	827345
Ion	Ratio	Lower	Upper
107	100		
108	89.3	75.0	115.0
77	88.8	87.5	127.5
79	27.1	11.1	51.1



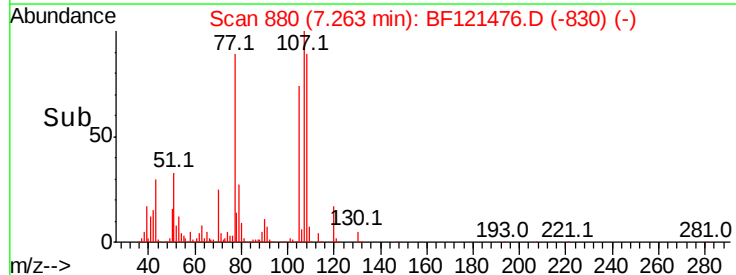
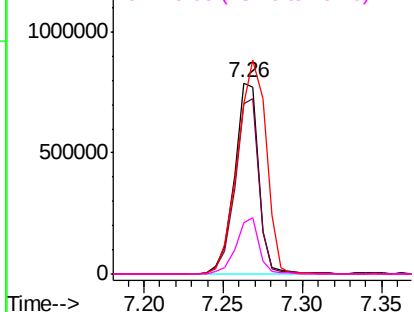
Abundance

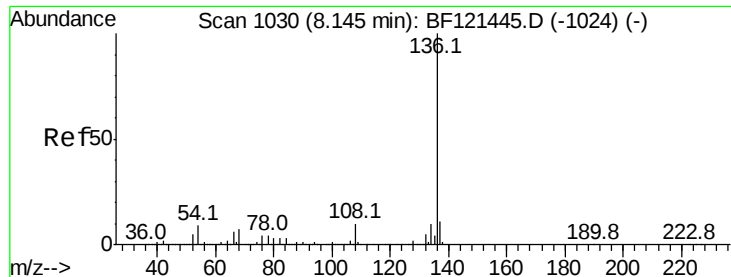
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:136 Resp: 1263577

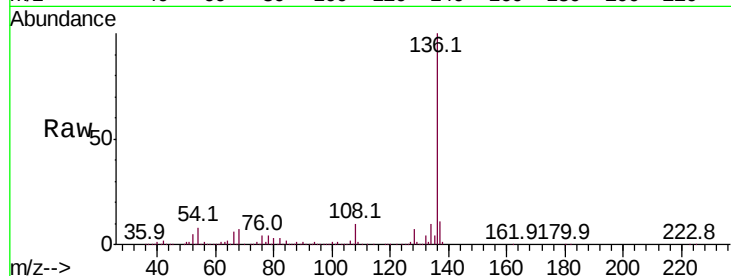
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.2	7.0	10.4
68	6.8	5.5	8.3

136 100

137 11.2 9.1 13.7

54 8.2 7.0 10.4

68 6.8 5.5 8.3

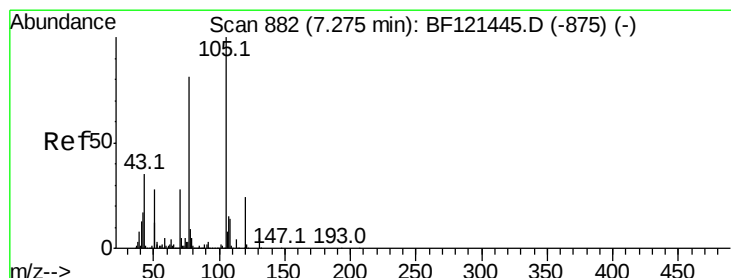
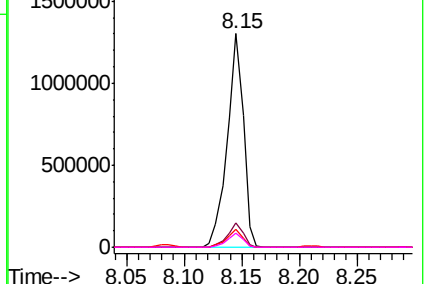
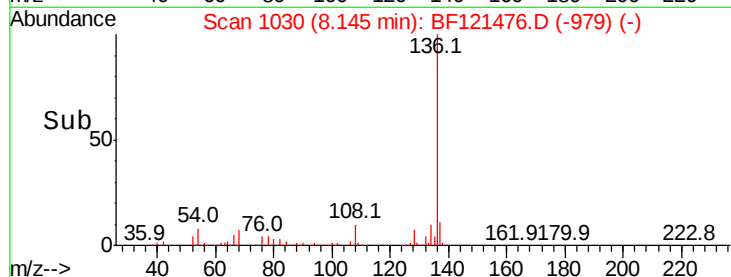


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.654 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Tgt Ion:105 Resp: 1110382

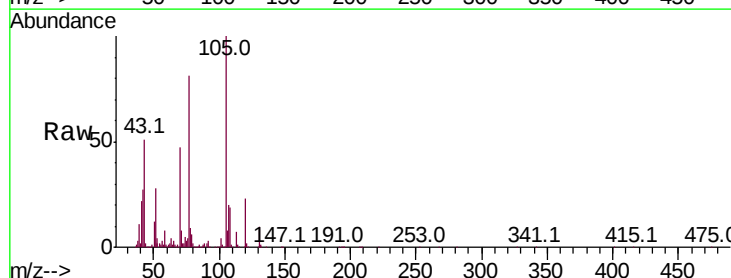
Ion	Ratio	Lower	Upper
105	100		
71	8.0	3.8	5.6#
51	27.6	22.6	33.8
120	22.8	18.9	28.3

105 100

71 8.0 3.8 5.6#

51 27.6 22.6 33.8

120 22.8 18.9 28.3

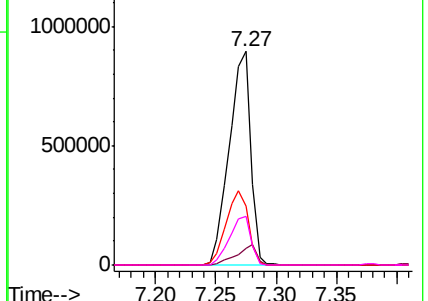
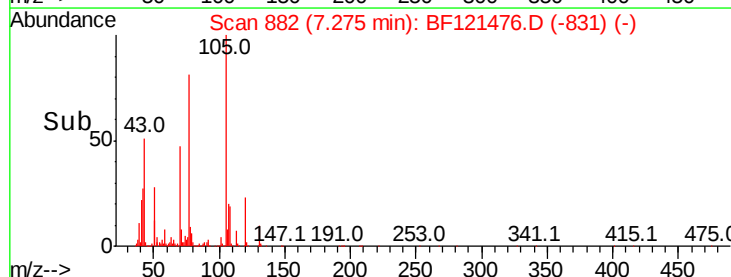


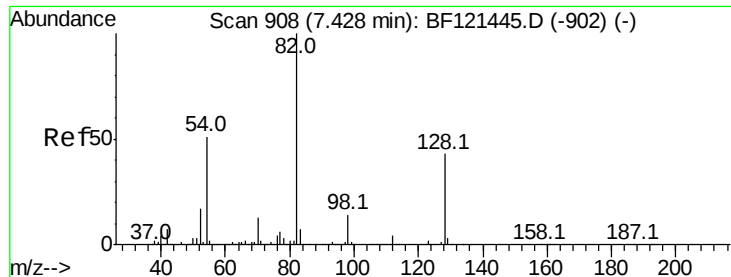
Abundance Ion 105.00 (104.70 to 105.70): E

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

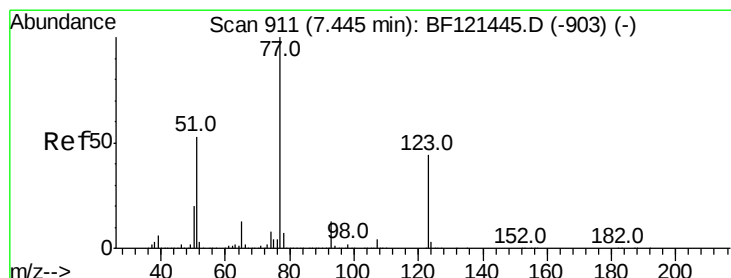
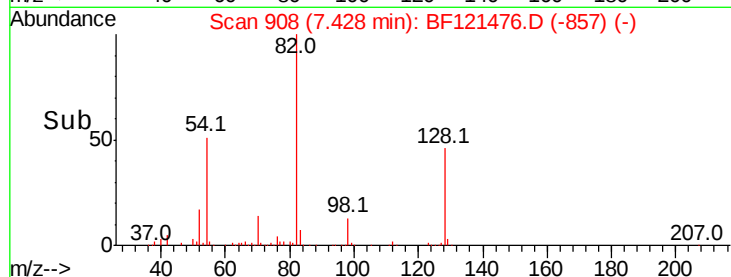
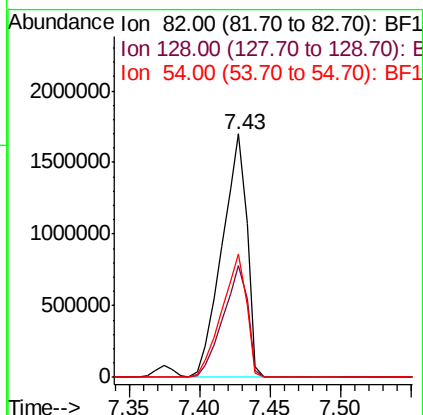
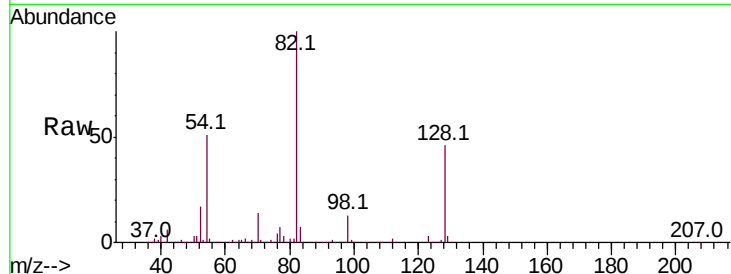




#23
 Nitrobenzene-d5
 Concen: 112.502 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

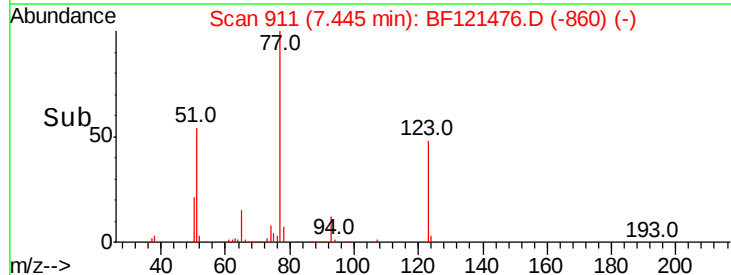
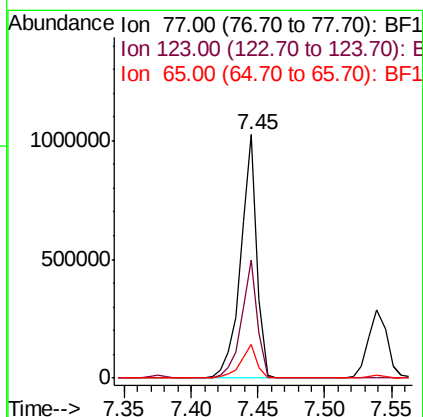
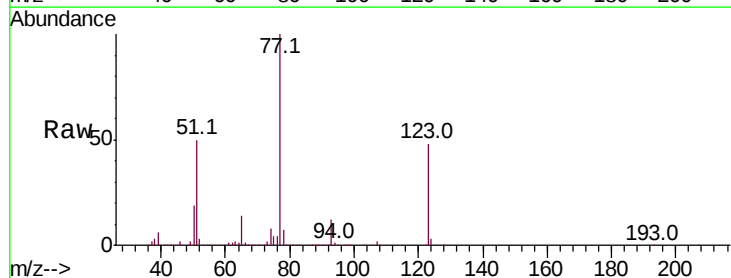
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

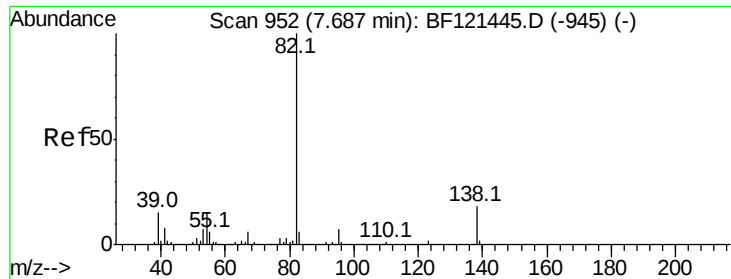
Tot Ion: 82 Resp: 2079340
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.1 51.1
 54 50.5 41.0 61.6



#24
 Nitrobenzene
 Concen: 46.344 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion: 77 Resp: 858594
 Ion Ratio Lower Upper
 77 100
 123 48.3 35.5 53.3
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 38.750 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

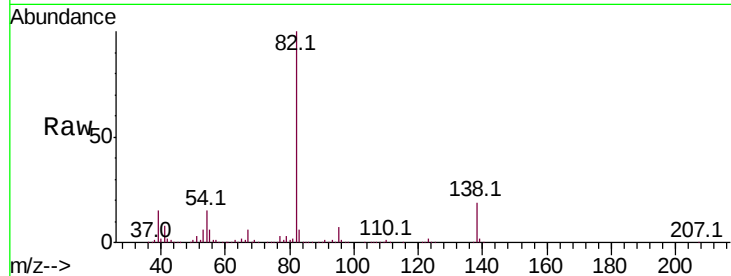
Tot Ion: 82 Resp: 1610886

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

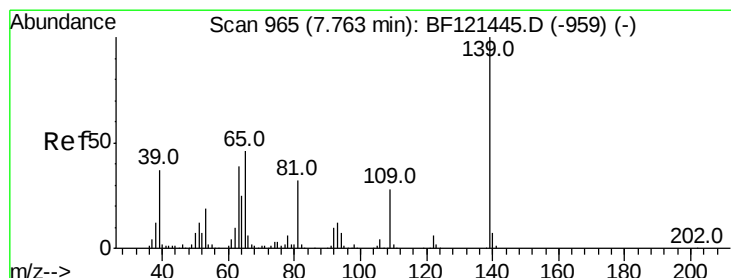
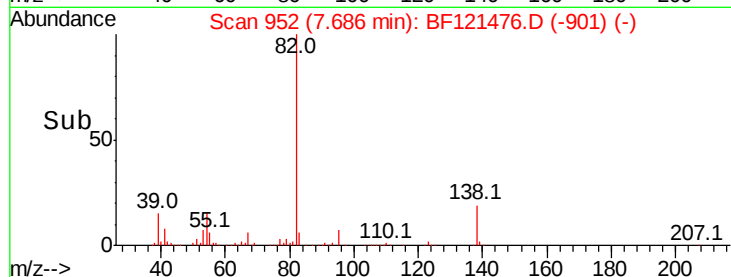
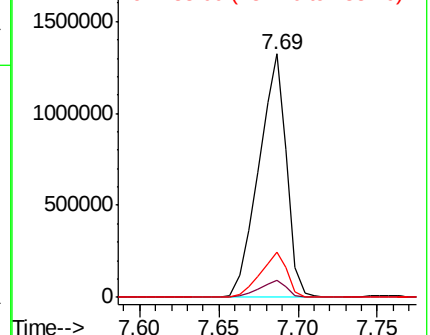
138 18.8 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.148 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

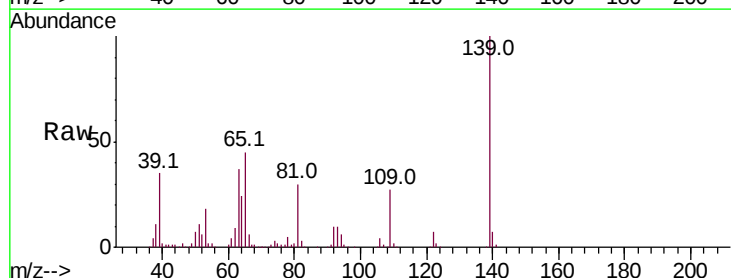
Tgt Ion: 139 Resp: 407135

Ion Ratio Lower Upper

139 100

109 26.9 22.1 33.1

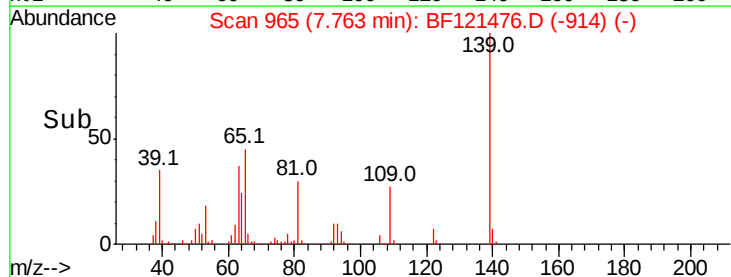
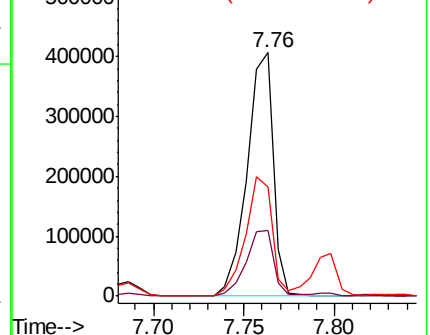
65 44.7 37.2 55.8

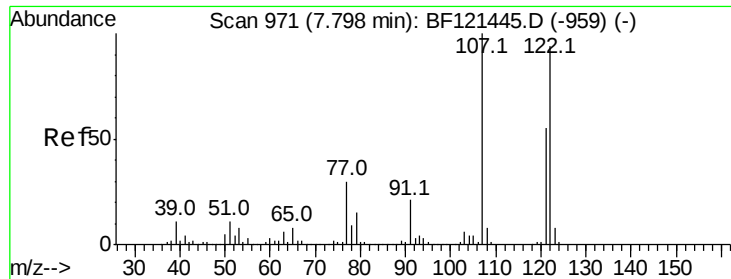


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

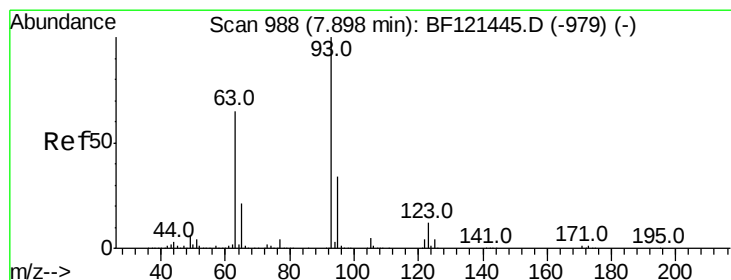
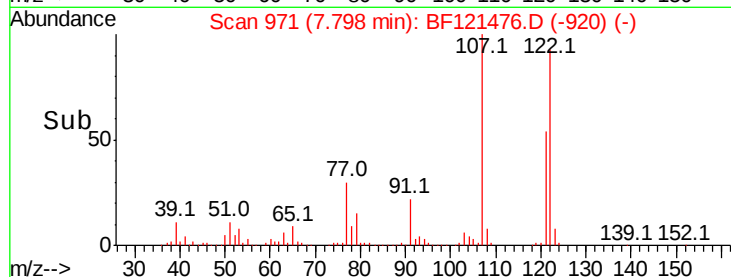
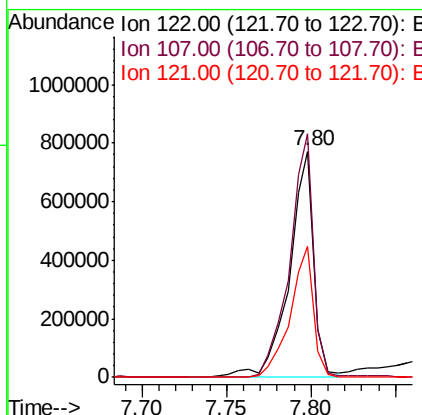
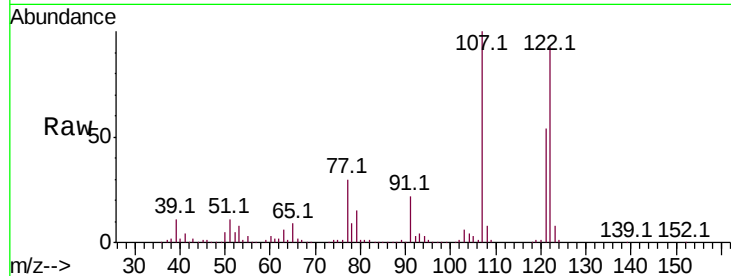




#27
2,4-Dimethylphenol
Concen: 45.250 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

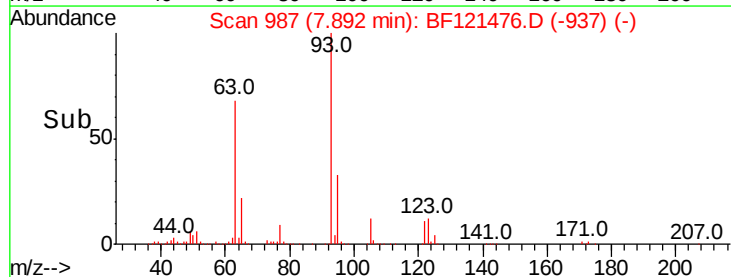
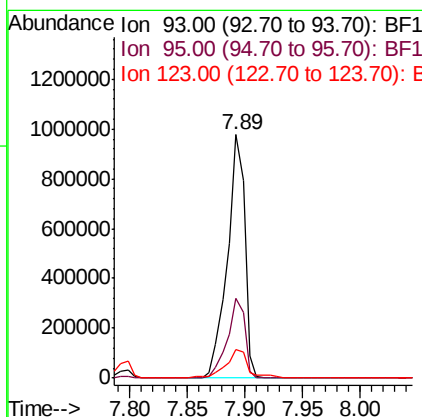
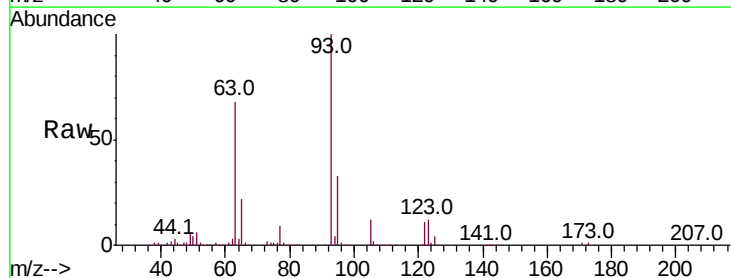
Instrument :
BNA_F
ClientSampleId :
PB131281BS

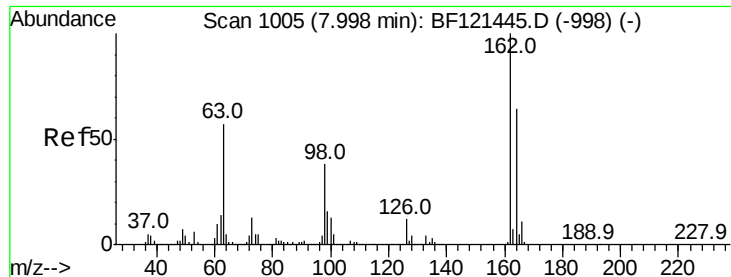
Tot Ion:122 Resp: 780197
Ion Ratio Lower Upper
122 100
107 107.8 84.9 127.3
121 58.0 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.213 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion: 93 Resp: 1023680
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.6 9.6 14.4

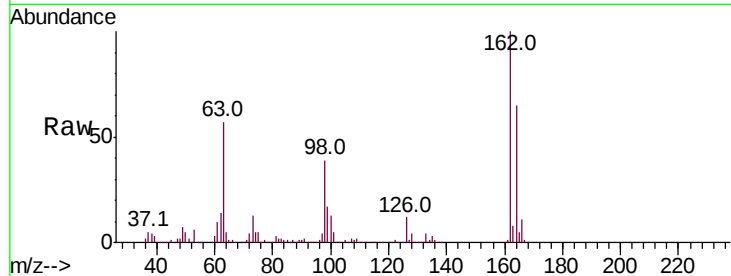




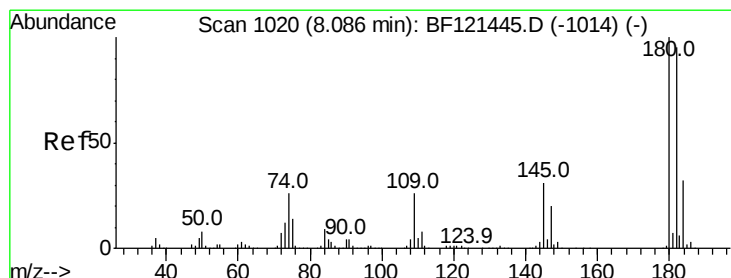
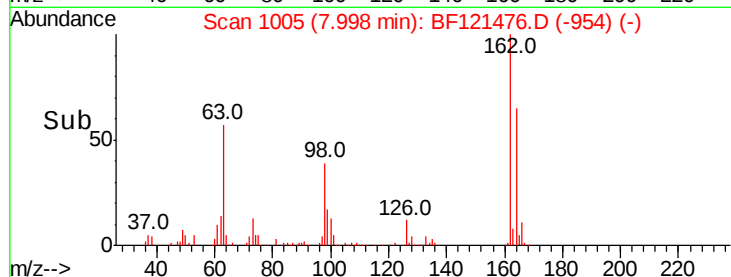
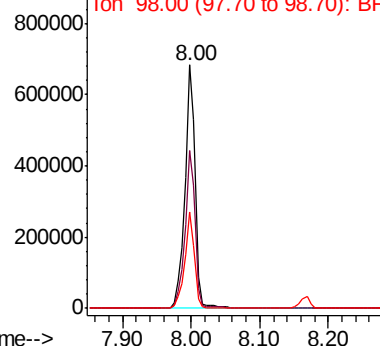
#29
 2,4-Dichlorophenol
 Concen: 41.393 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.0	84.0
98	39.4	18.4	58.4

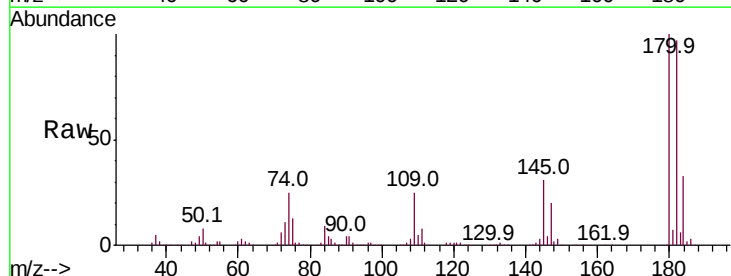


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

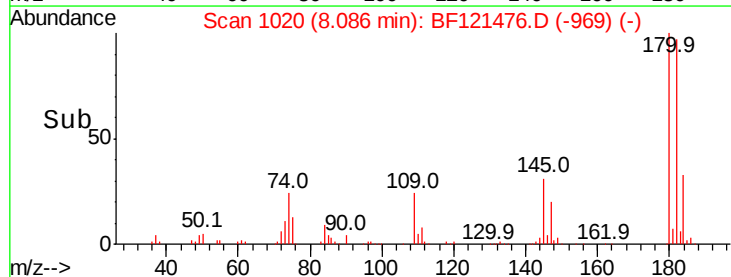
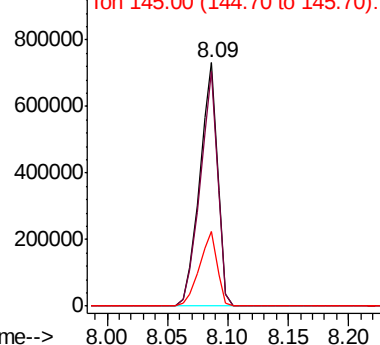


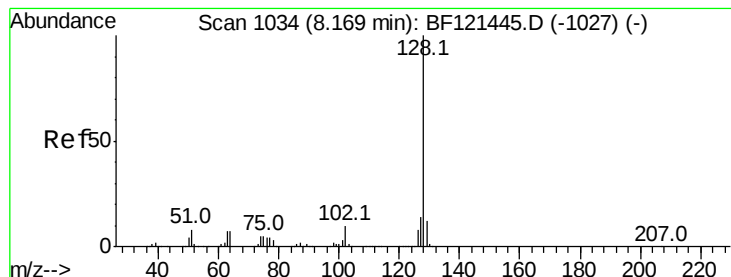
#30
 1,2,4-Trichlorobenzene
 Concen: 36.086 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.4
145	30.8	25.2	37.8



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: 37.264 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

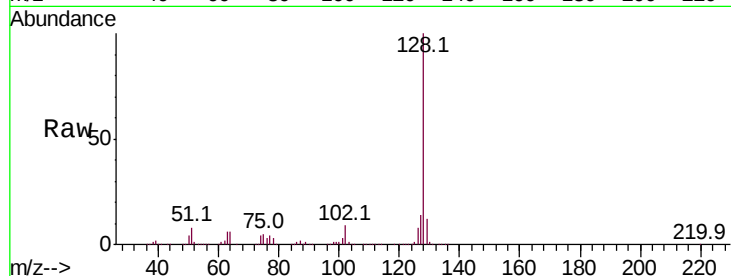
Tot Ion:128 Resp: 2337605

Ion Ratio Lower Upper

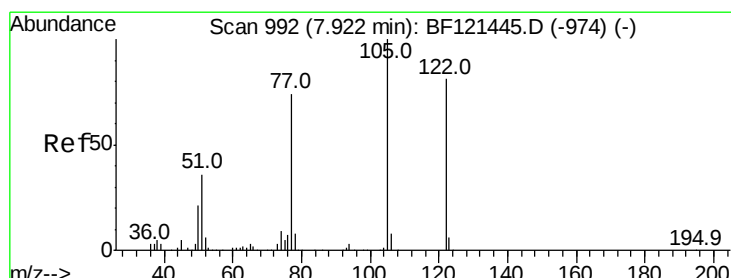
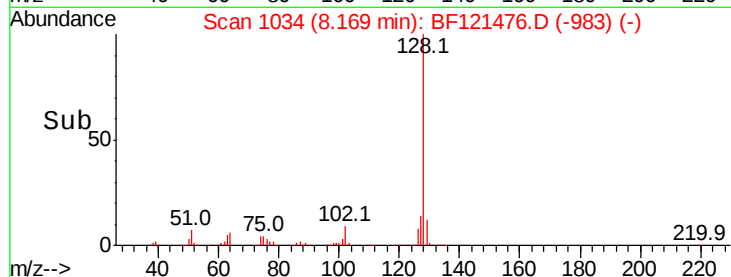
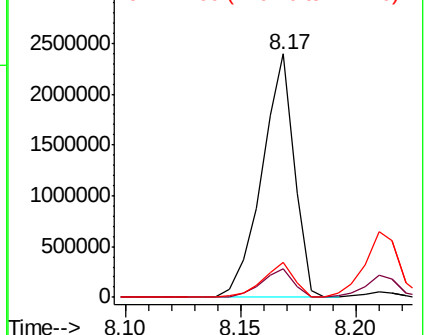
128 100

129 11.8 9.6 14.4

127 14.2 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.708 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

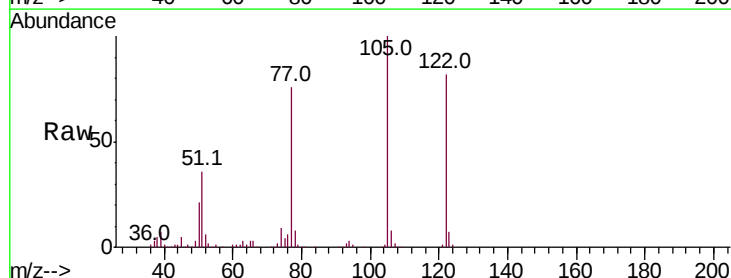
Tgt Ion:122 Resp: 528404

Ion Ratio Lower Upper

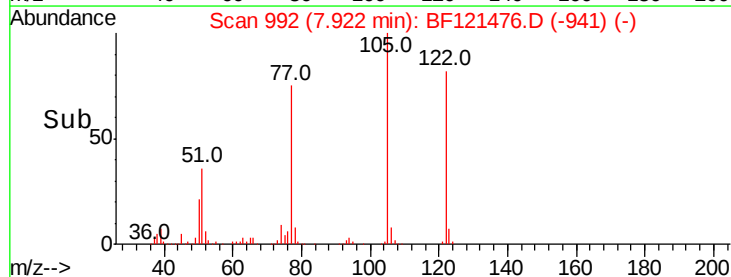
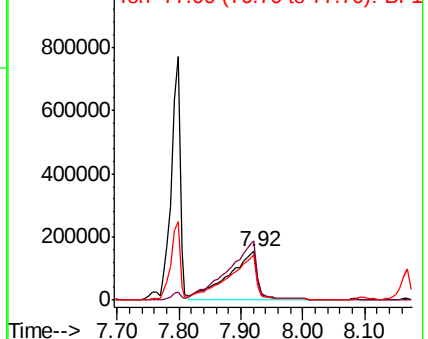
122 100

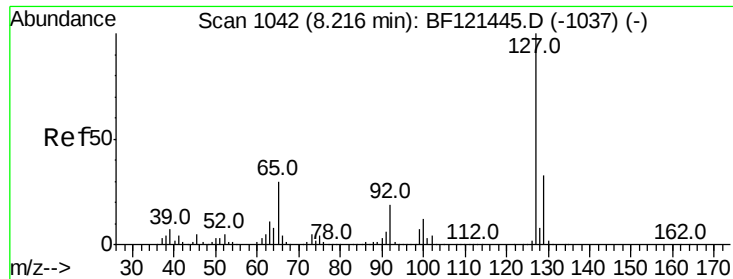
105 121.3 100.8 140.8

77 92.0 71.5 111.5



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

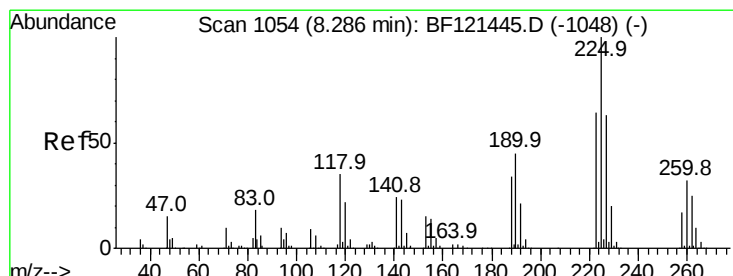
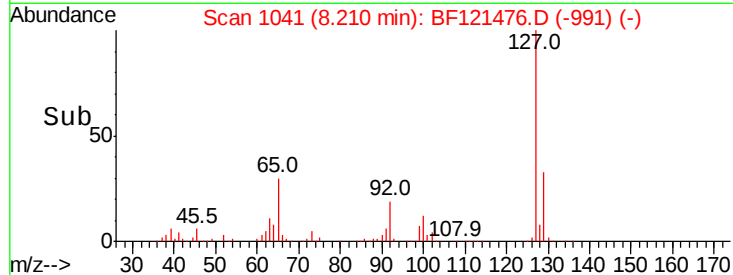
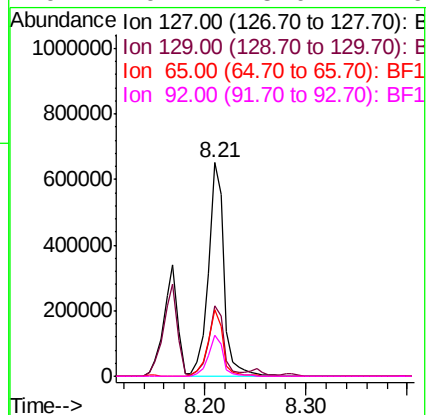
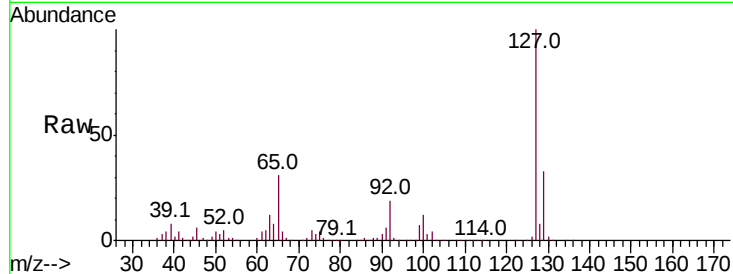




#33
 4-Chloroaniline
 Concen: 24.640 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

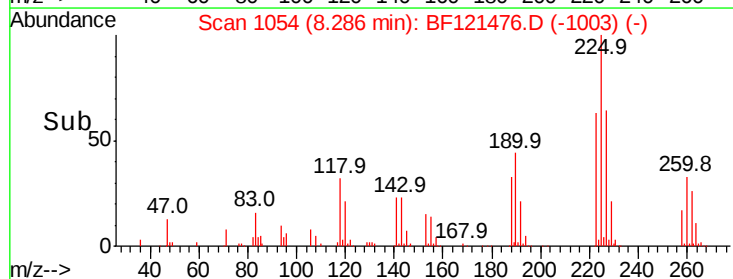
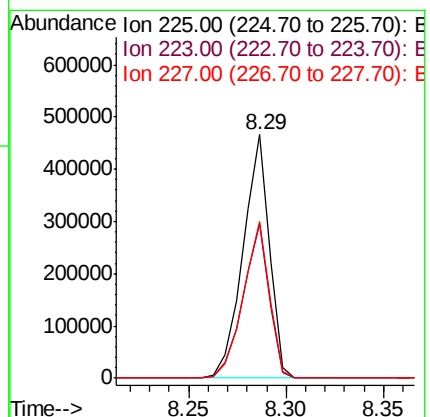
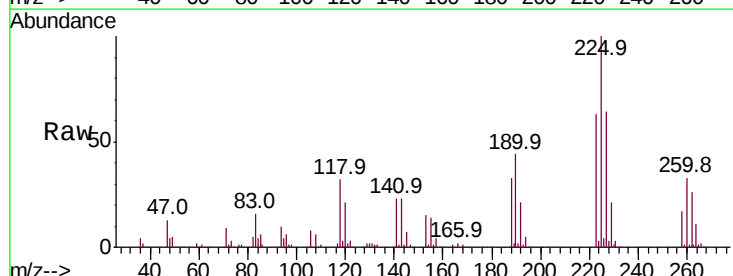
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

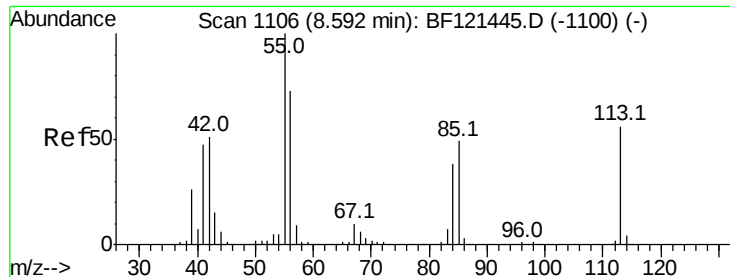
Tot Ion:	127	Resp:	688449
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	31.1	23.7	35.5
92	19.4	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 35.089 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:	225	Resp:	435179
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.4
227	64.1	50.0	75.0

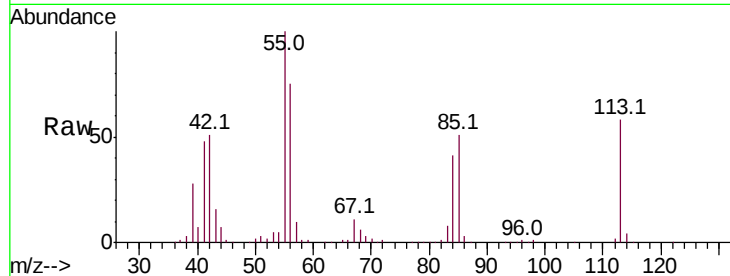




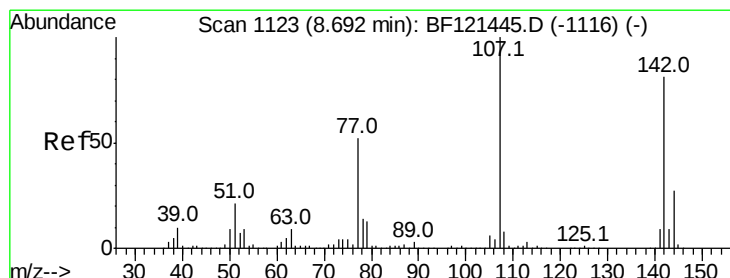
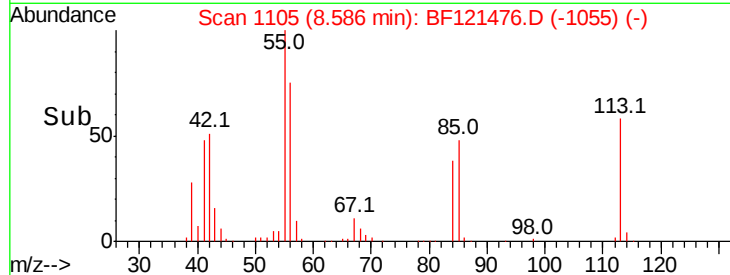
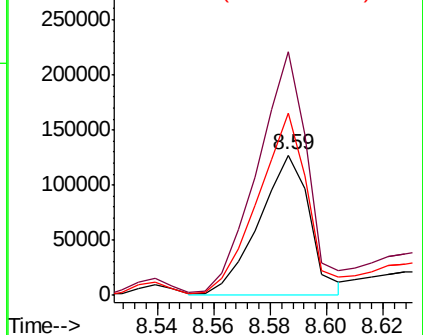
#35
 Caprolactam
 Concen: 28.759 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:113 Resp: 159685
 Ion Ratio Lower Upper
 113 100
 55 173.8 159.9 199.9
 56 130.2 111.4 151.4

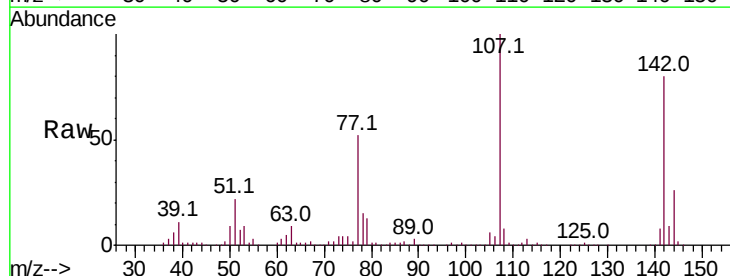


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

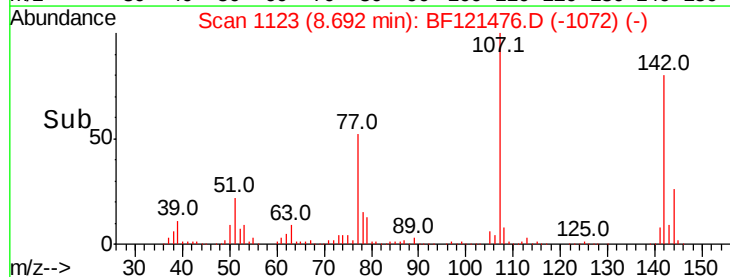
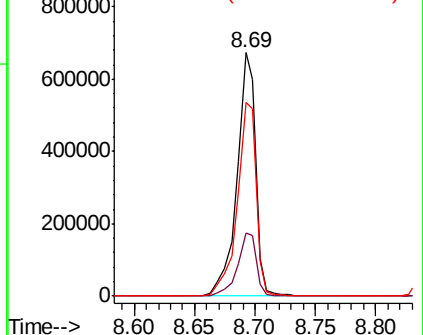


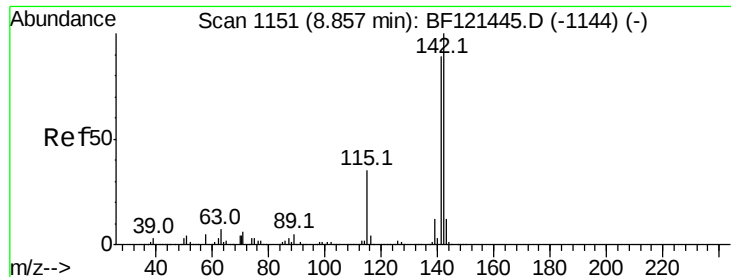
#36
 4-Chloro-3-methylphenol
 Concen: 40.457 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:107 Resp: 726187
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.4 32.2
 142 79.8 65.0 97.4



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

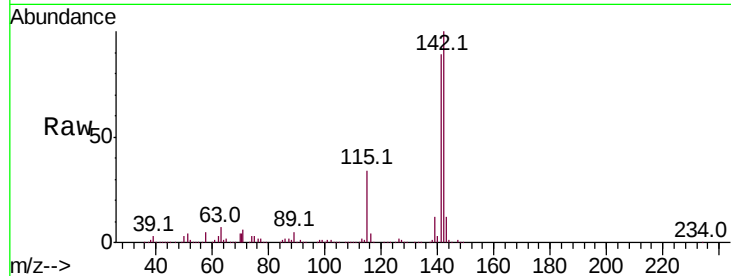




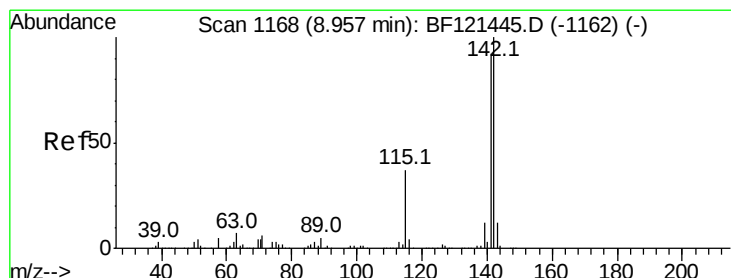
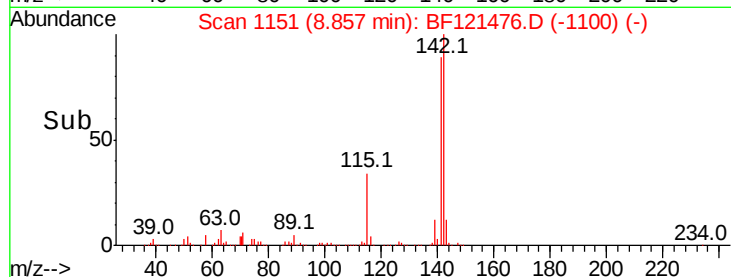
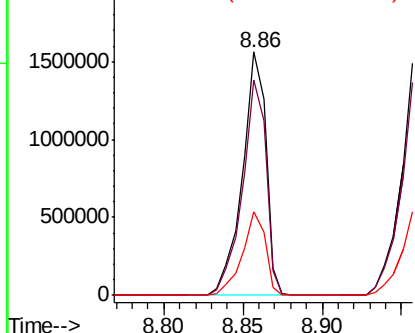
#37
2-Methylnaphthalene
Concen: 38.778 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:142 Resp: 1611704
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 34.4 28.2 42.4

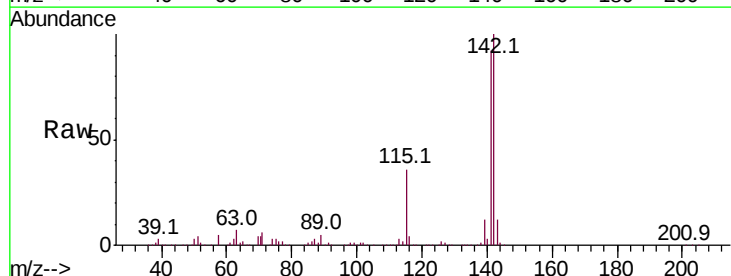


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

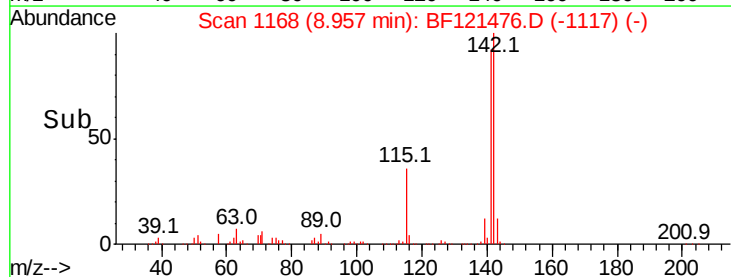
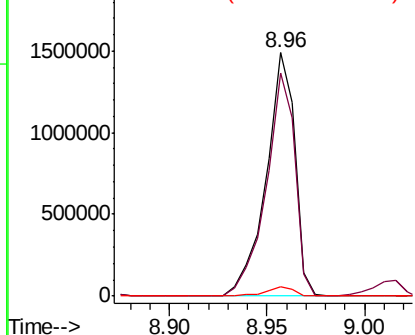


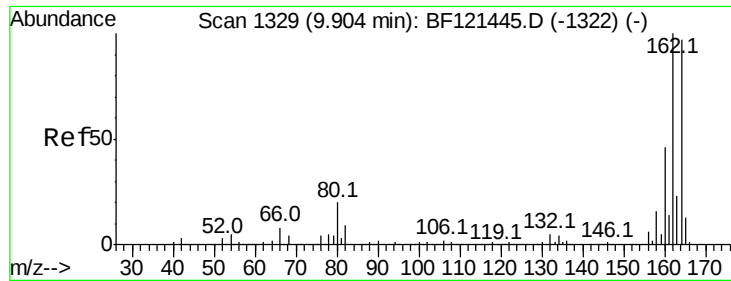
#38
1-Methylnaphthalene
Concen: 38.676 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:142 Resp: 1517860
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

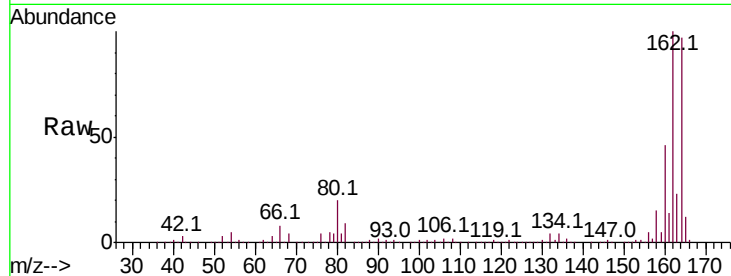




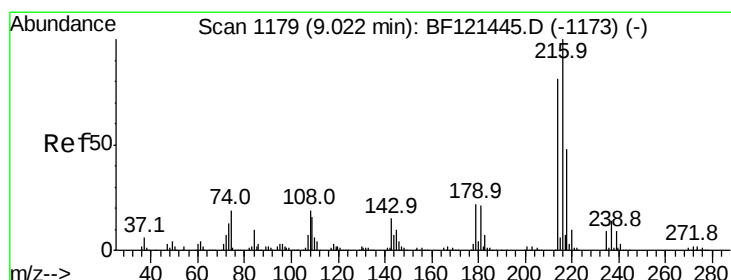
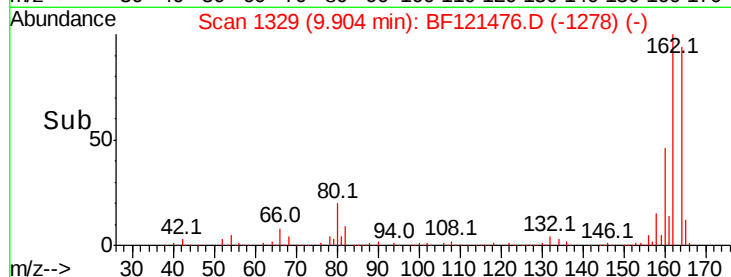
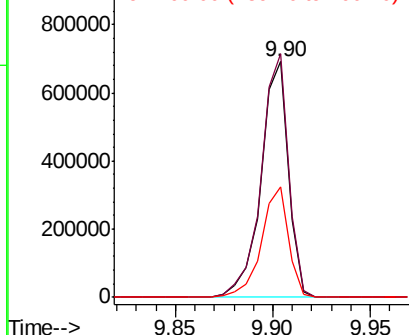
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:164 Resp: 673881
Ion Ratio Lower Upper
164 100
162 103.3 82.4 123.6
160 47.1 37.6 56.4

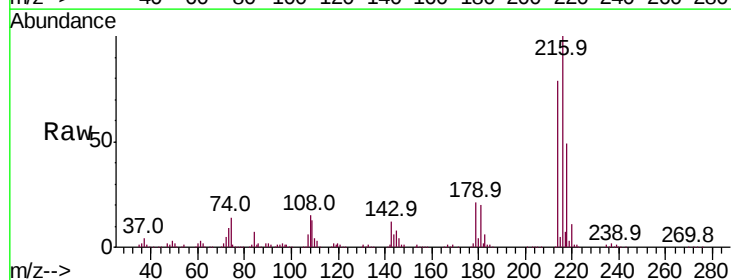


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

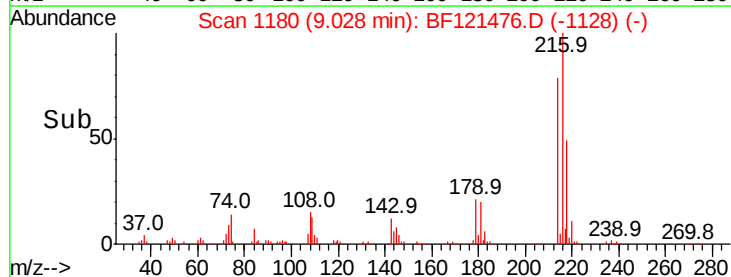
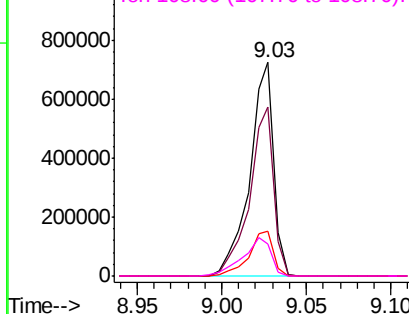


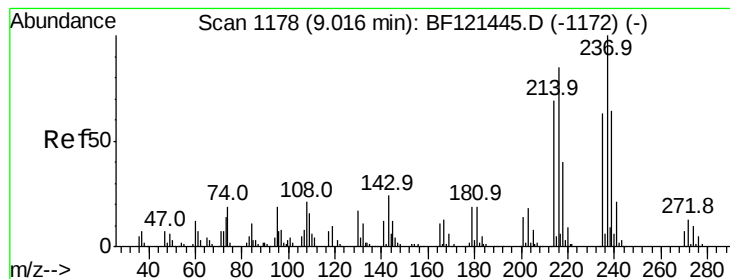
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.021 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:216 Resp: 719561
Ion Ratio Lower Upper
216 100
214 79.5 64.2 96.4
179 21.3 17.0 25.4
108 21.1 15.3 22.9



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: 96.338 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

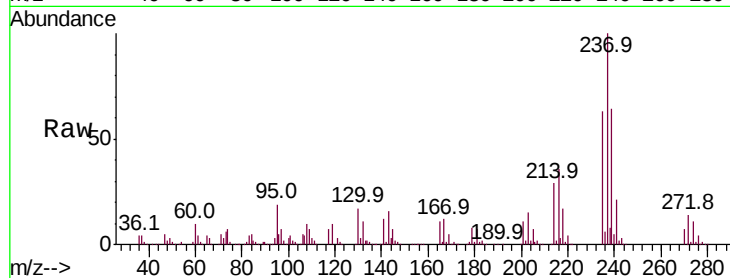
Tot Ion:237 Resp: 809274

Ion Ratio Lower Upper

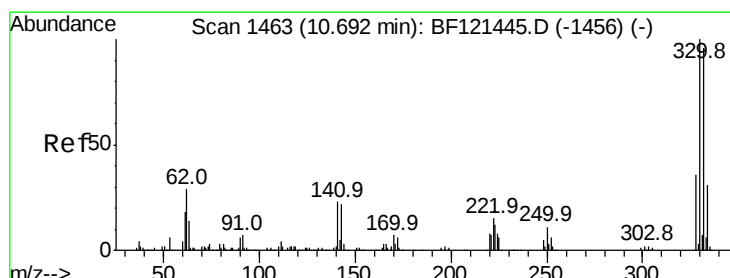
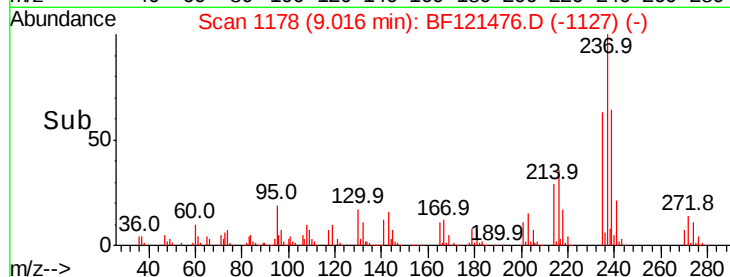
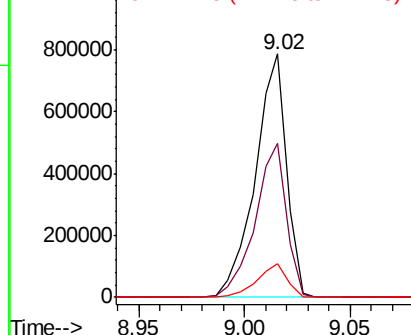
237 100

235 63.3 42.9 82.9

272 13.8 0.0 33.1



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: 116.382 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

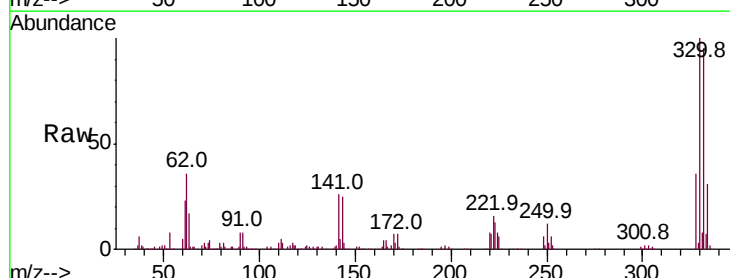
Tgt Ion:330 Resp: 792162

Ion Ratio Lower Upper

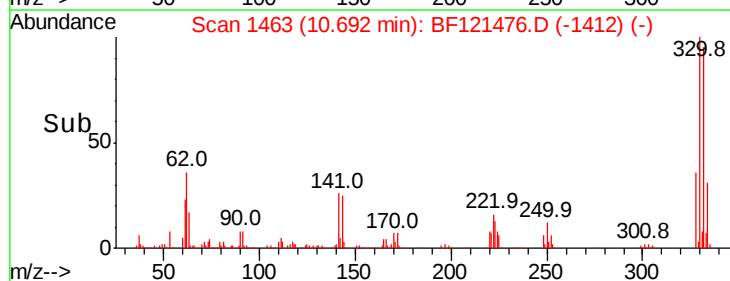
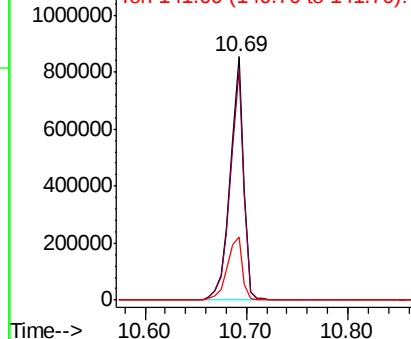
330 100

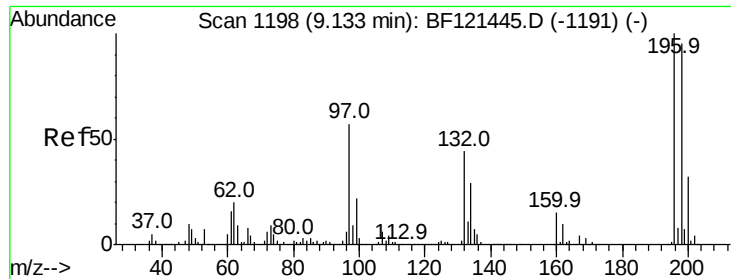
332 95.4 76.2 114.2

141 29.1 24.6 36.8



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

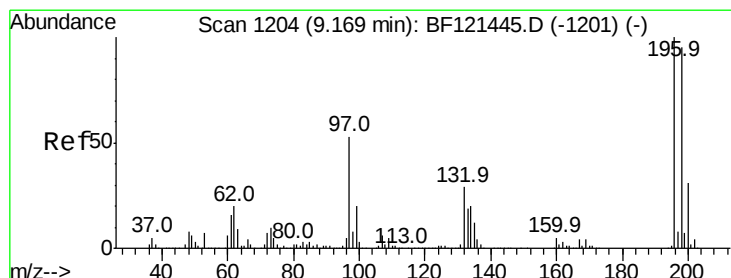
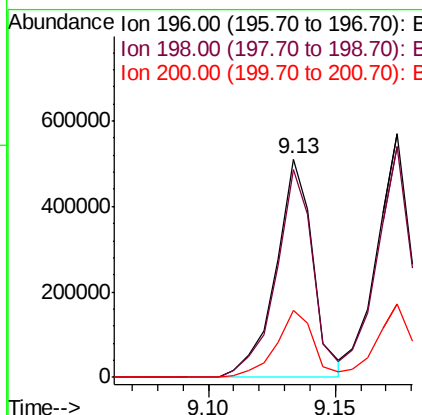
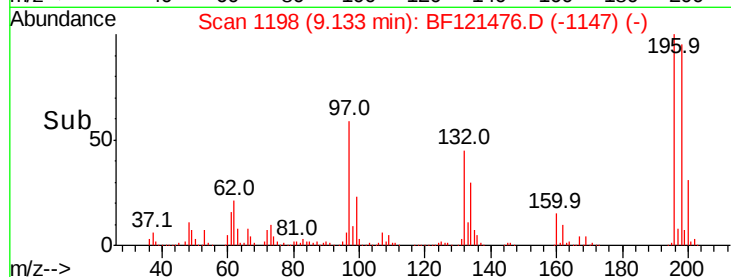
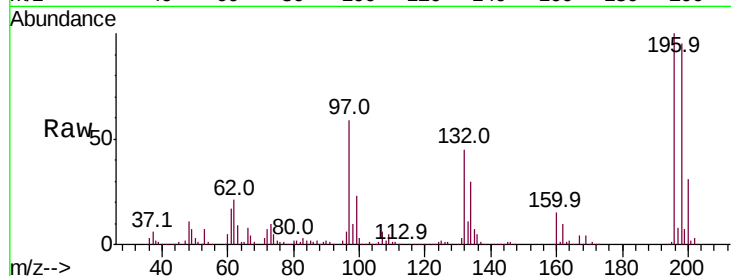




#43
 2,4,6-Trichlorophenol
 Concen: 41.387 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

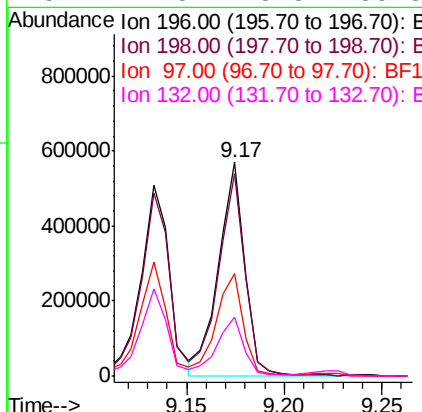
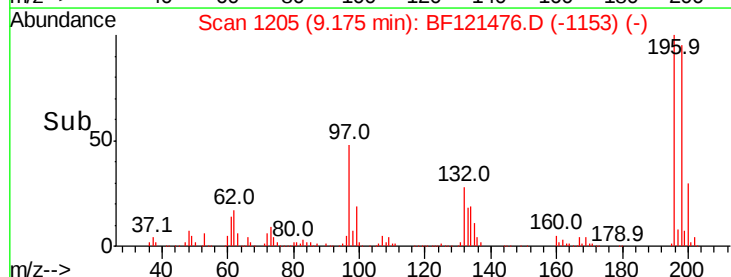
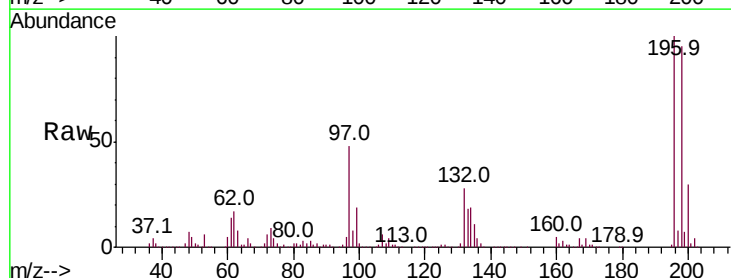
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

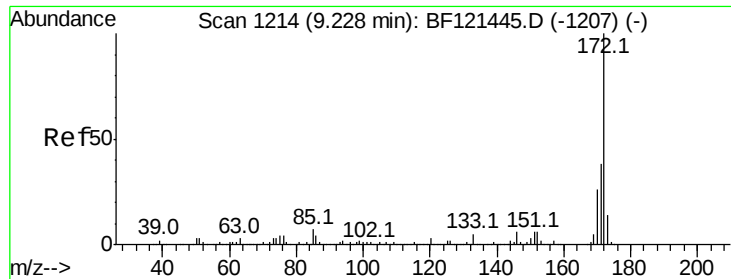
Tot Ion:	196	Resp:	522545
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.8	113.6
200	30.8	25.3	37.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.542 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:	196	Resp:	531138
Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
97	48.3	42.6	64.0
132	27.8	23.5	35.3



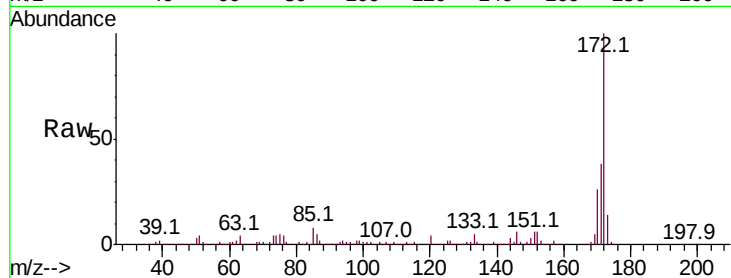


#45
 2-Fluorobiphenyl
 Concen: 87.605 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

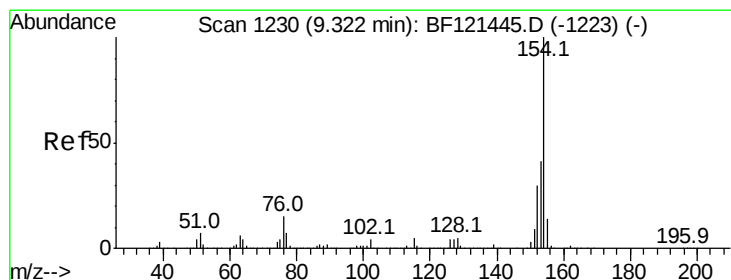
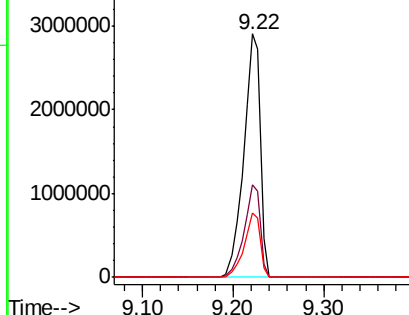
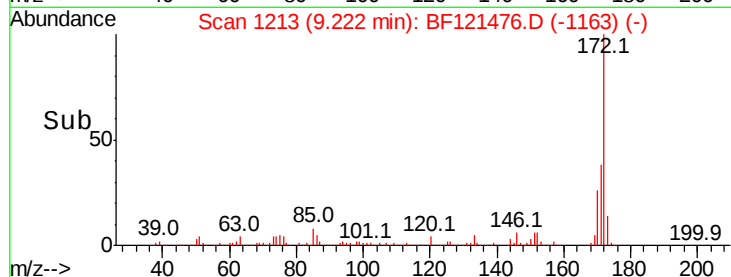
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:172 Resp: 3658779

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	45.8
170	26.2	20.6	31.0



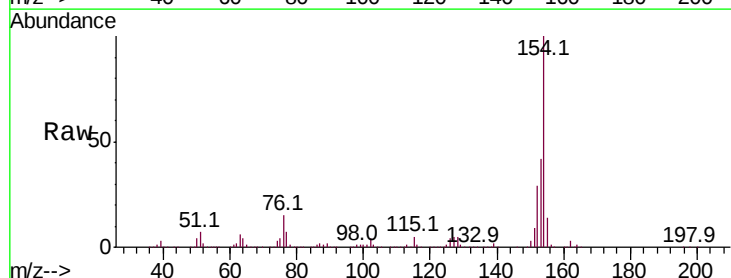
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



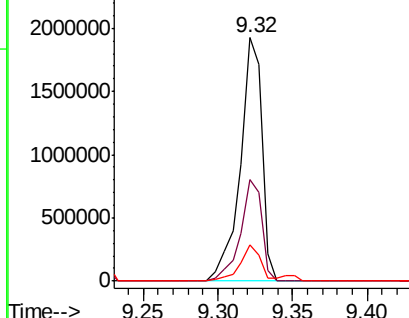
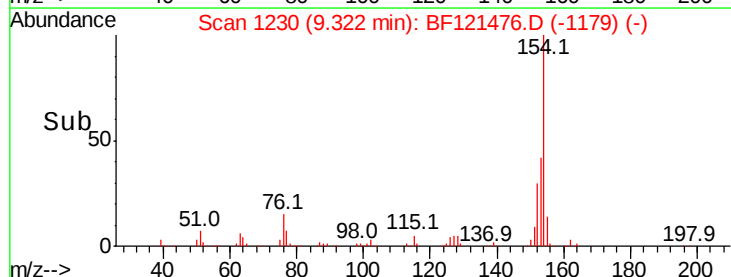
#46
 1,1'-Biphenyl
 Concen: 38.143 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

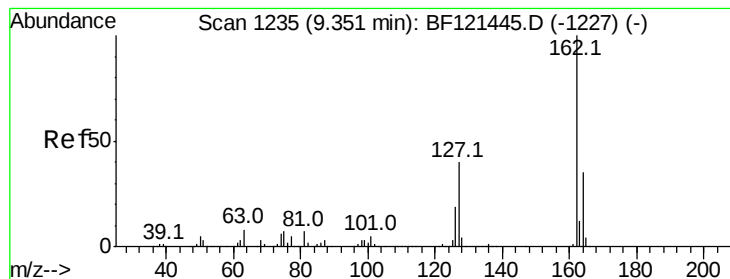
Tgt Ion:154 Resp: 1939594

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	14.6	0.0	35.2



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



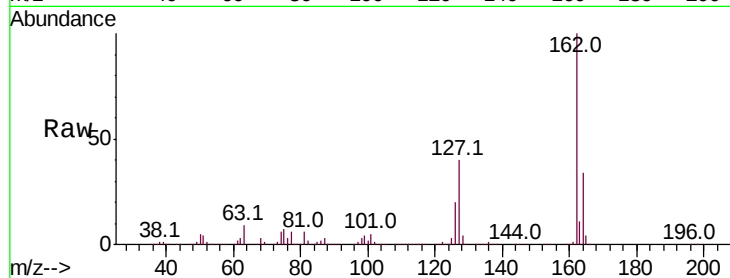


#47
 2-Chloronaphthalene
 Concen: 35.114 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

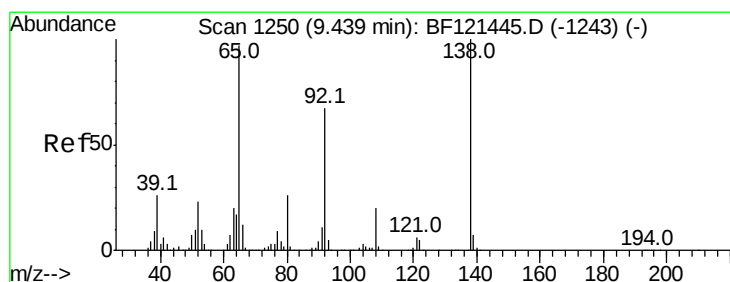
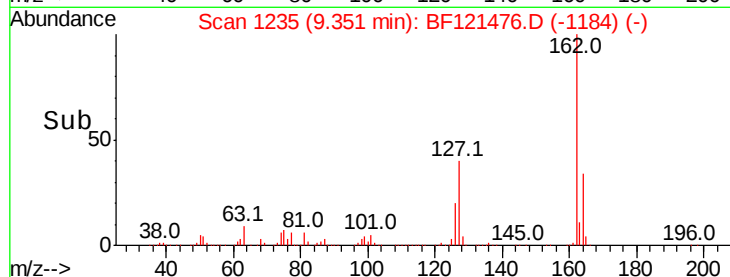
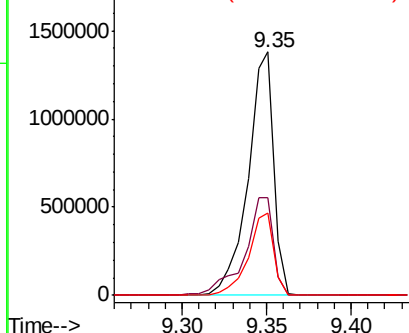
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:162 Resp: 1467663

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	33.7	27.8	41.6



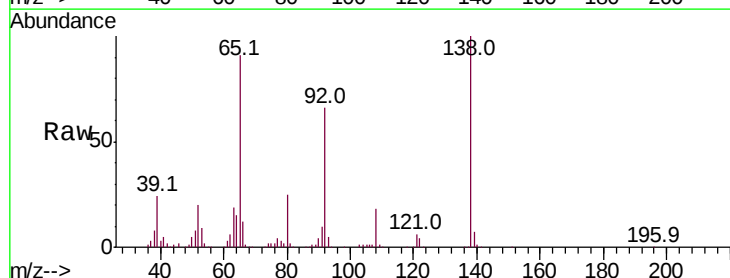
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



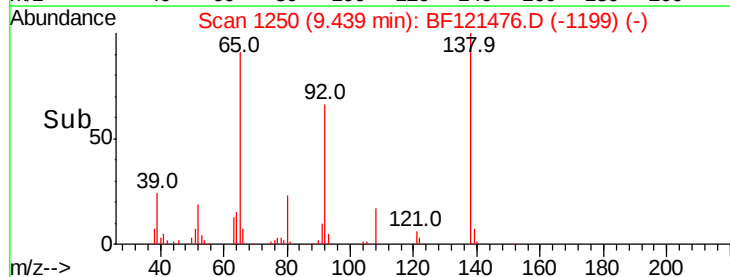
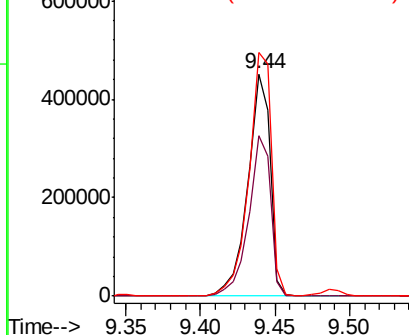
#48
 2-Nitroaniline
 Concen: 40.816 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

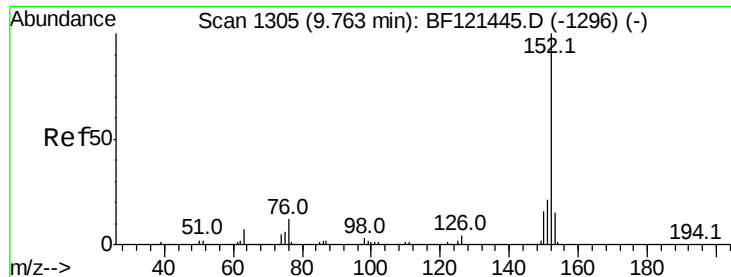
Tgt Ion: 65 Resp: 465290

Ion	Ratio	Lower	Upper
65	100		
92	72.1	55.6	83.4
138	109.6	82.9	124.3



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





#49

Acenaphthylene

Concen: 37.725 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

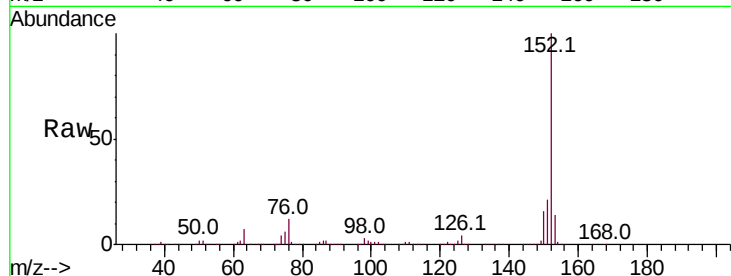
Tot Ion:152 Resp: 2365137

Ion Ratio Lower Upper

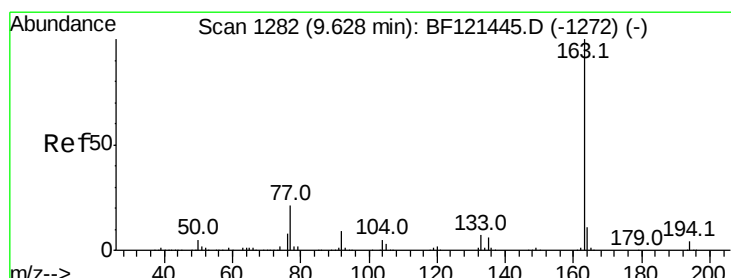
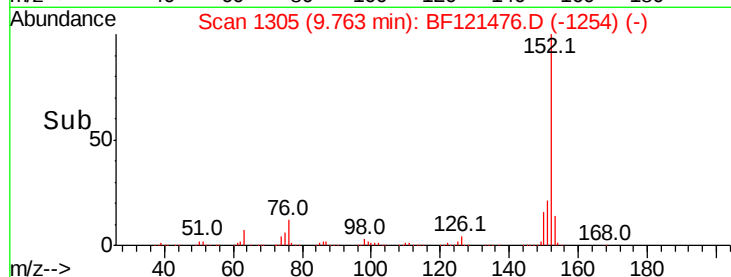
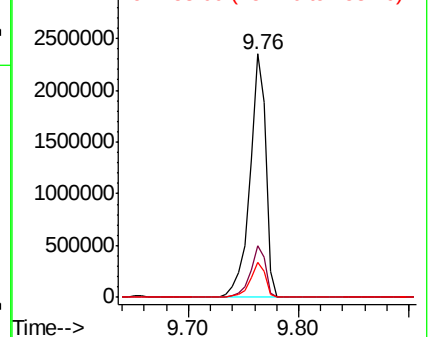
152 100

151 21.2 17.2 25.8

153 14.3 11.6 17.4



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



#50

Dimethylphthalate

Concen: 37.181 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

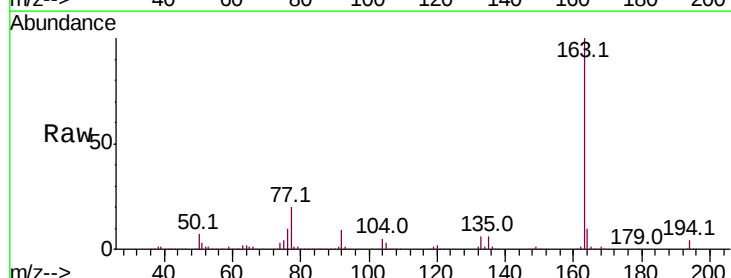
Tgt Ion:163 Resp: 1721083

Ion Ratio Lower Upper

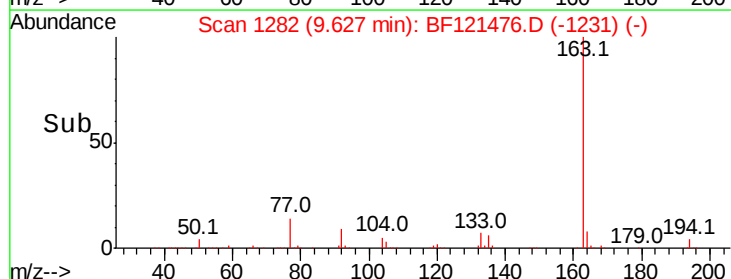
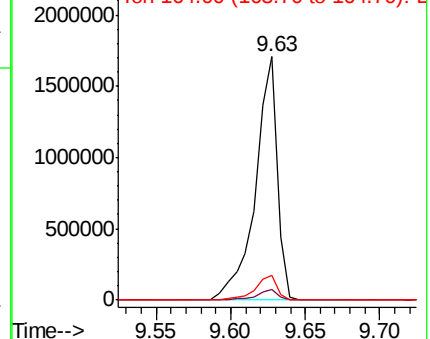
163 100

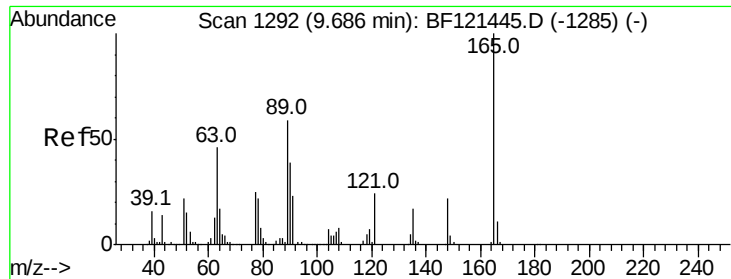
194 4.2 3.3 4.9

164 10.3 8.6 12.8



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

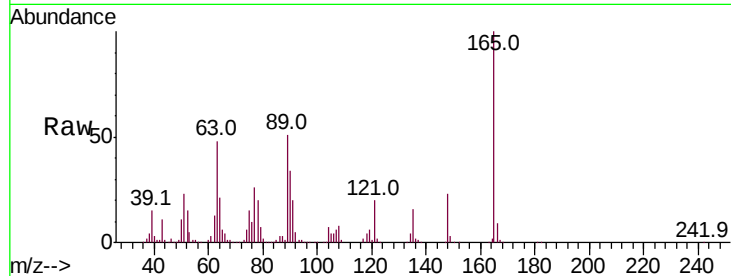




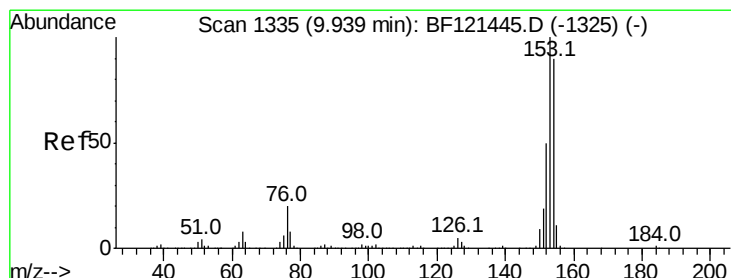
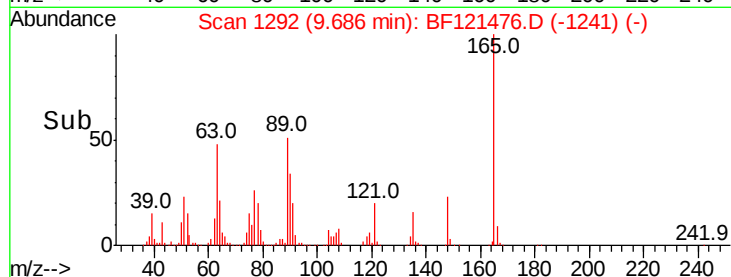
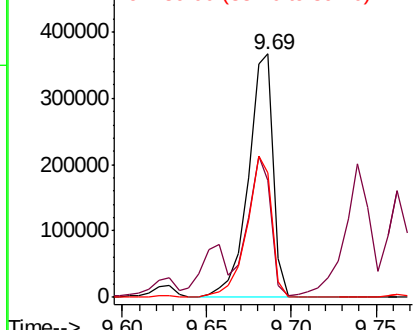
#51
2,6-Dinitrotoluene
Concen: 44.329 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:165 Resp: 379660
Ion Ratio Lower Upper
165 100
63 47.9 43.6 65.4
89 51.2 47.4 71.2

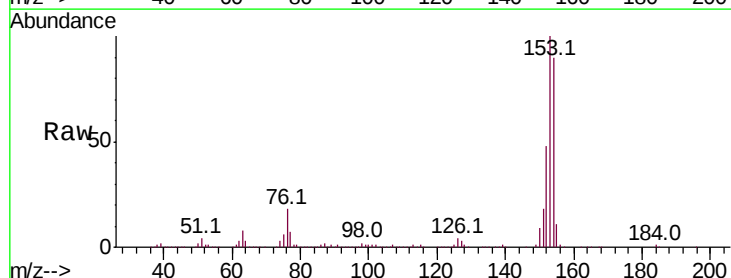


Abundance Ion 165.00 (164.70 to 165.70): E
500000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

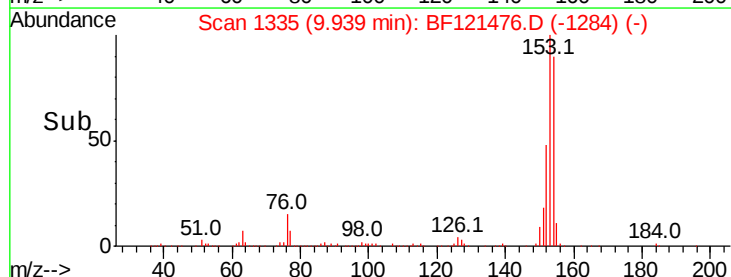
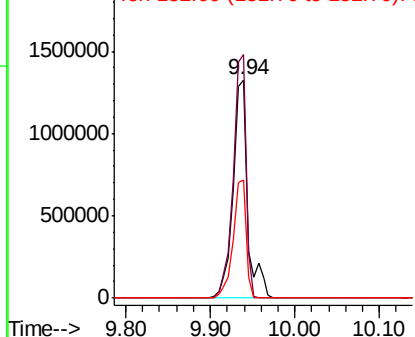


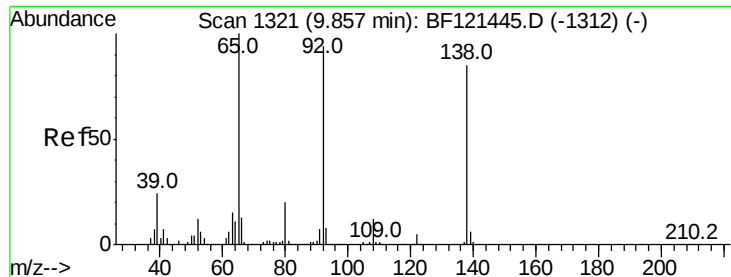
#52
Acenaphthene
Concen: 39.815 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:154 Resp: 1576173
Ion Ratio Lower Upper
154 100
153 111.5 88.9 133.3
152 54.0 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

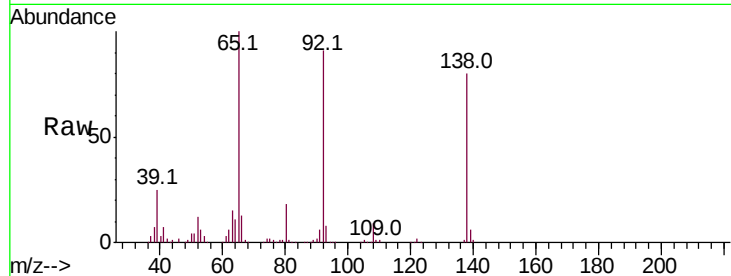




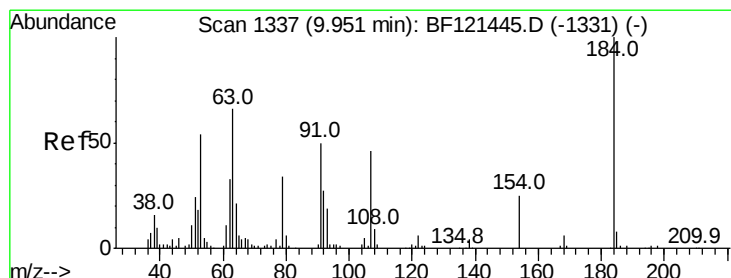
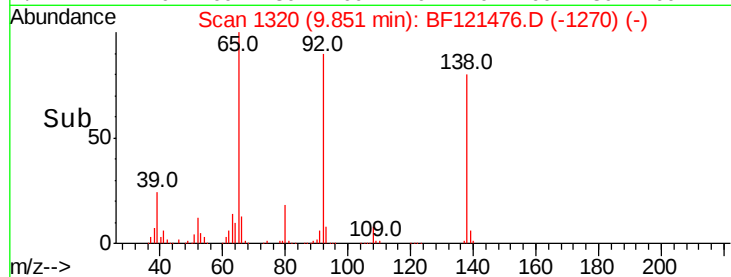
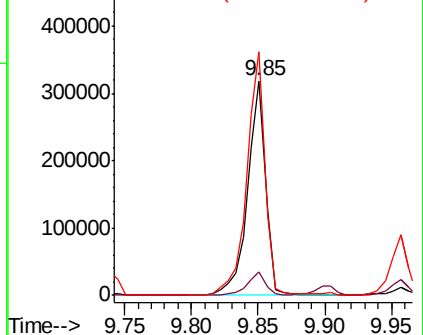
#53
3-Nitroaniline
Concen: 28.892 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion:138 Resp: 292283
Ion Ratio Lower Upper
138 100
108 11.0 11.6 17.4#
92 113.4 88.6 132.8

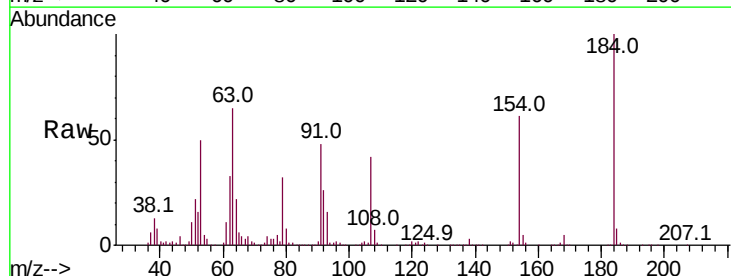


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

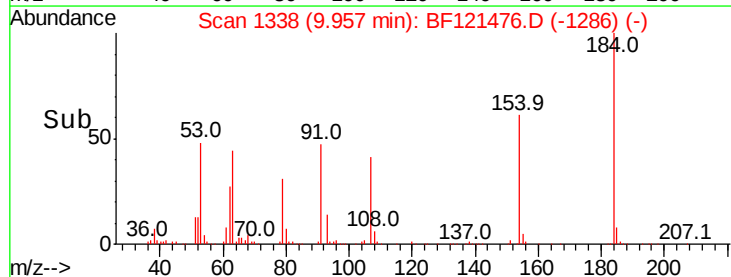
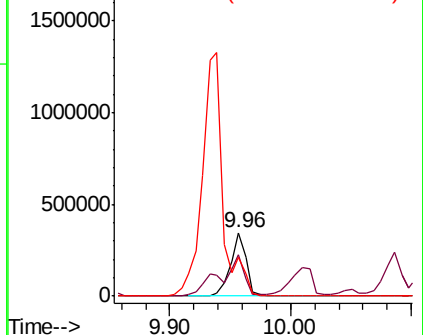


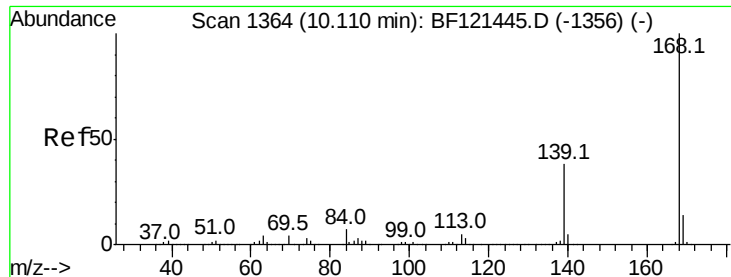
#54
2,4-Dinitrophenol
Concen: 78.940 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:184 Resp: 313926
Ion Ratio Lower Upper
184 100
63 65.4 56.8 85.2
154 61.0 55.9 83.9



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

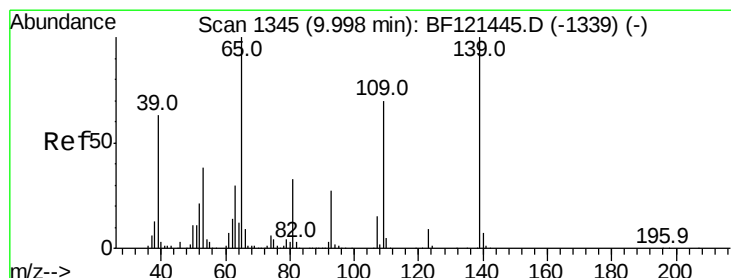
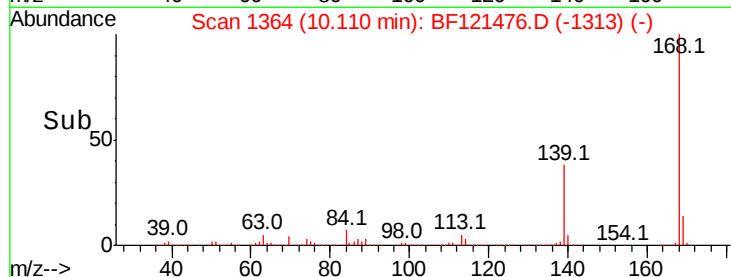
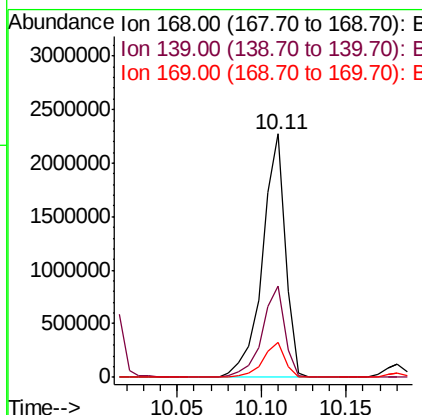
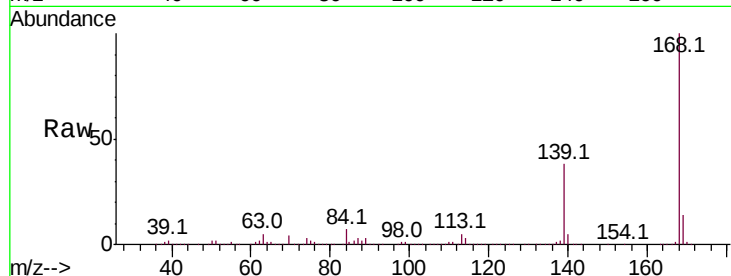




#55
Dibenzenofuran
Concen: 37.007 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

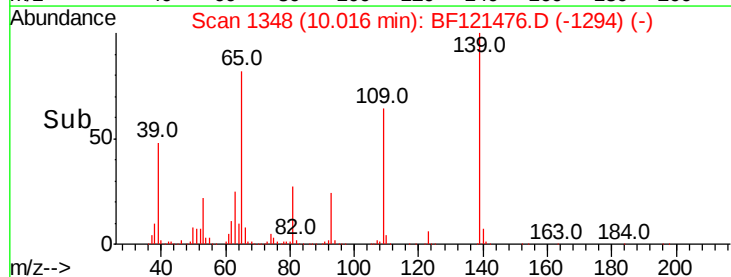
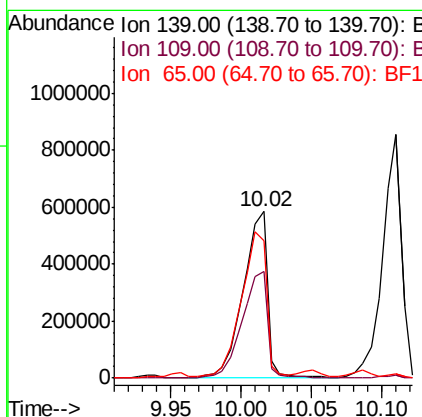
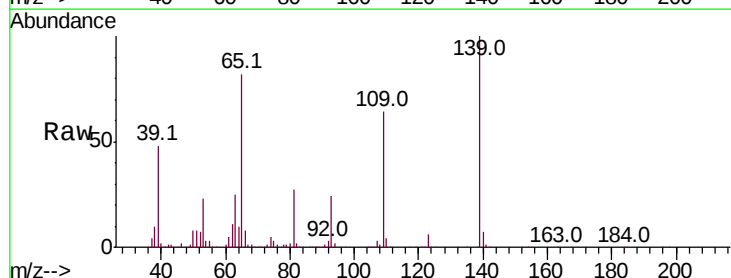
Instrument :
BNA_F
ClientSampleId :
PB131281BS

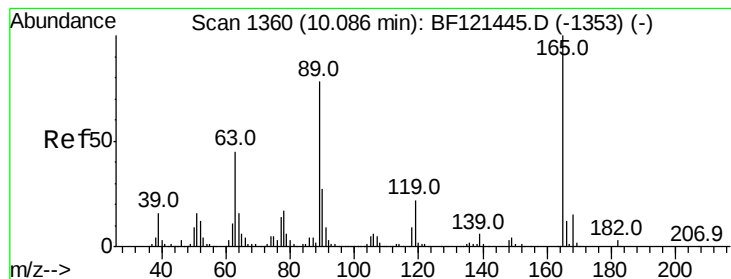
Tot Ion:168 Resp: 2128143
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.1 11.2 16.8



#56
4-Nitrophenol
Concen: 78.616 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:139 Resp: 701292
Ion Ratio Lower Upper
139 100
109 63.9 50.5 90.5
65 82.4 80.2 120.2





#57

2,4-Dinitrotoluene

Concen: 46.574 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

Tot Ion:165 Resp: 494680

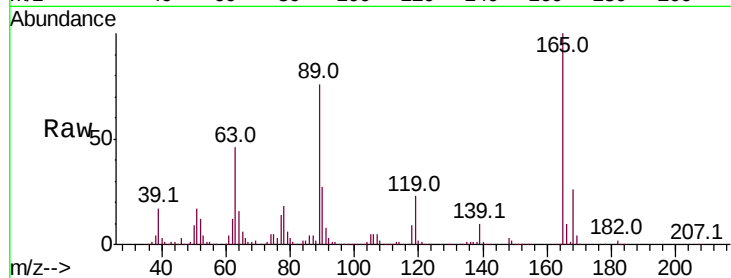
Ion Ratio Lower Upper

165 100

63 46.2 36.0 54.0

89 76.5 62.6 93.8

182 2.5 2.2 3.2

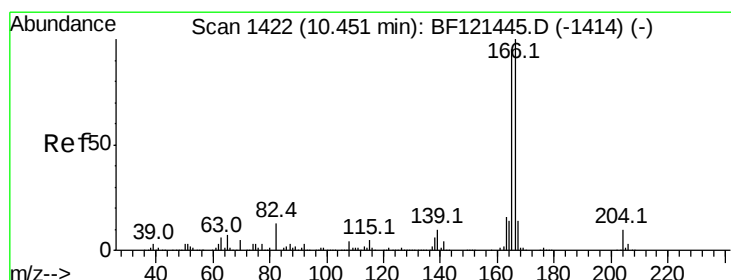
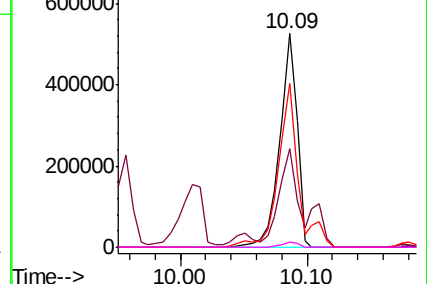
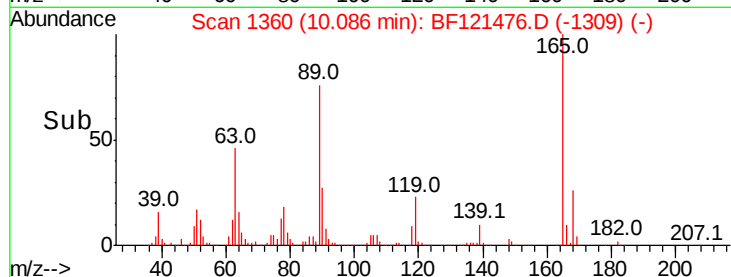


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.427 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

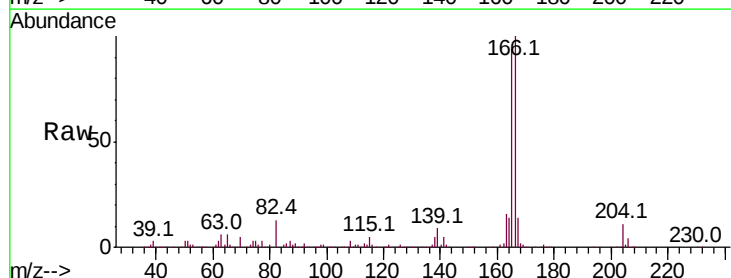
Tgt Ion:166 Resp: 1579131

Ion Ratio Lower Upper

166 100

165 94.2 75.7 113.5

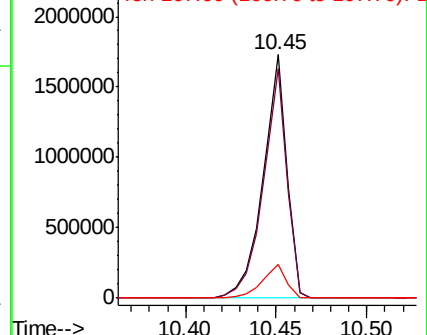
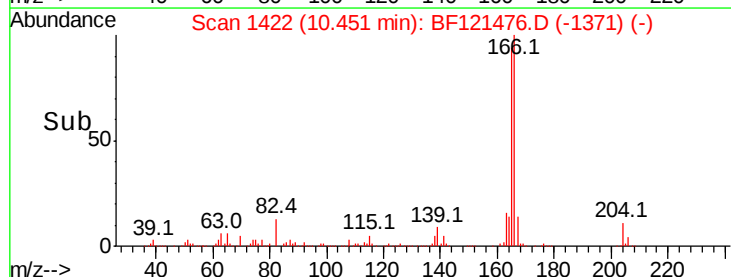
167 13.9 11.1 16.7

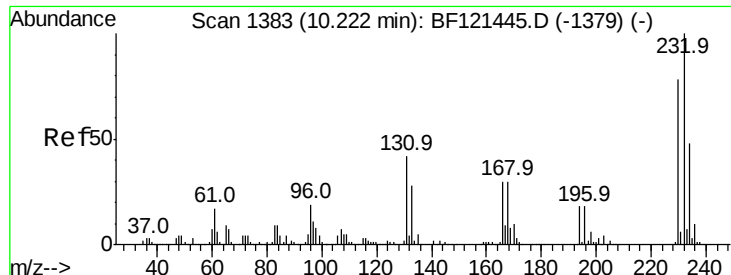


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

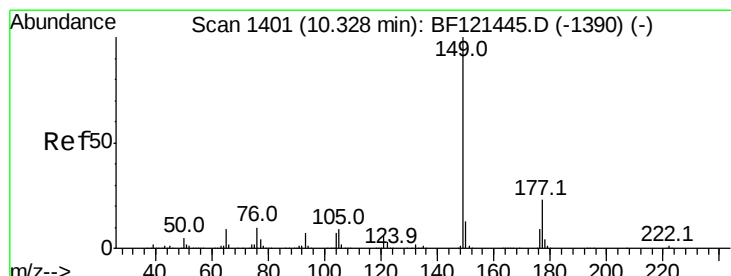
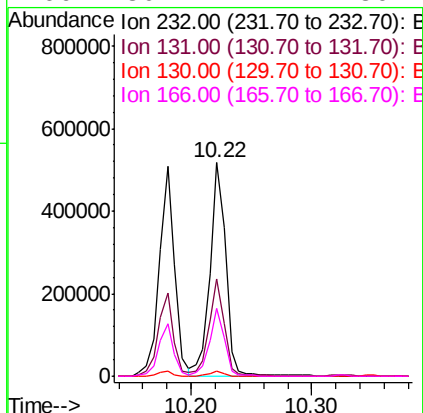
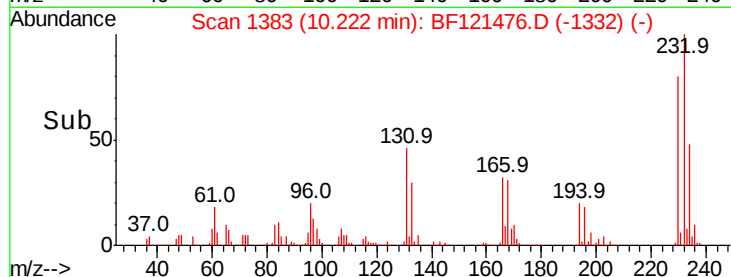
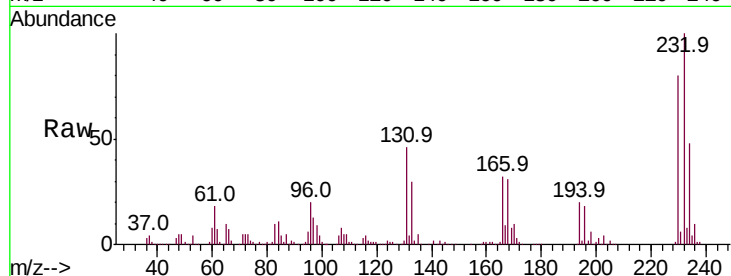




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.565 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

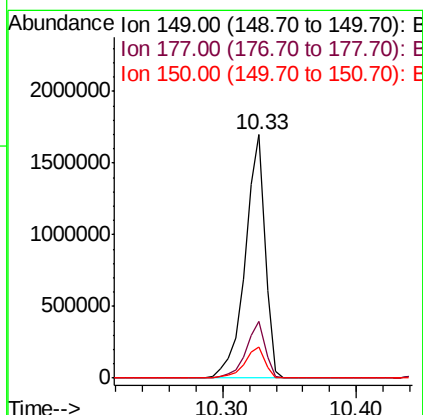
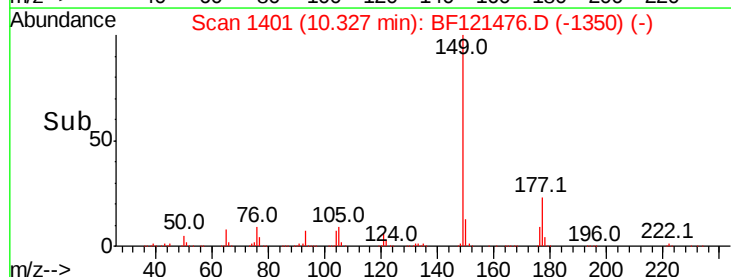
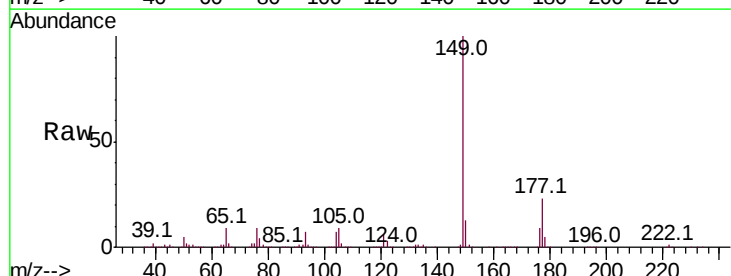
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

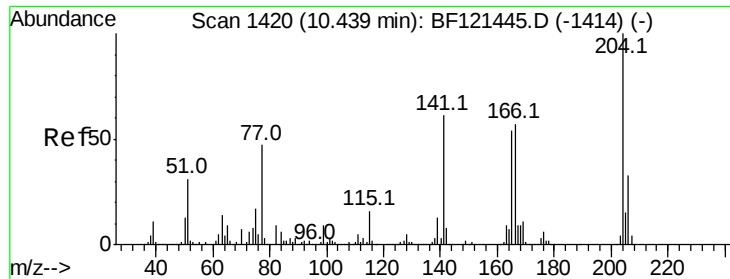
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.7	53.5
130	2.3	1.8	2.6
166	30.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 37.144 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.9	10.4	15.6

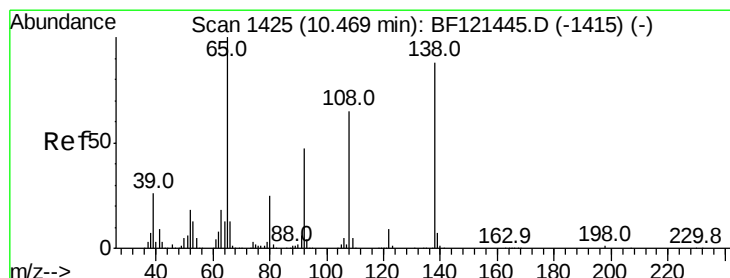
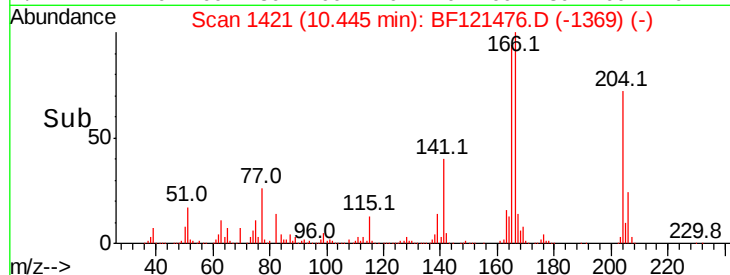
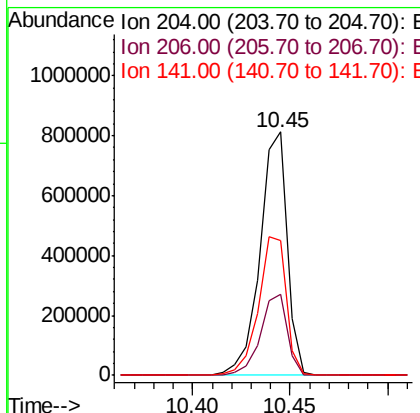
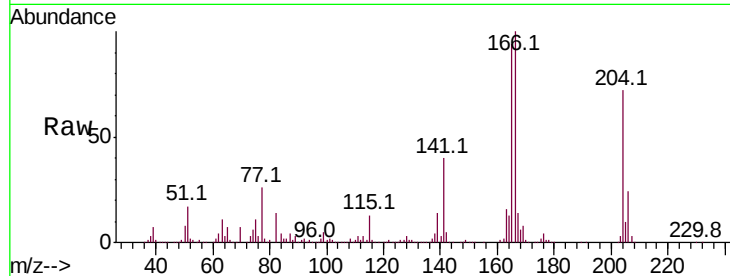




#61
 4-Chlorophenyl-phenylether
 Concen: 36.154 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

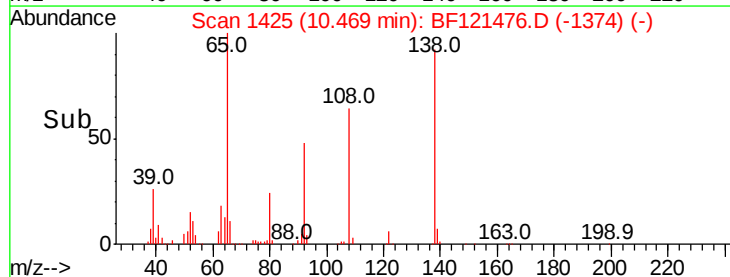
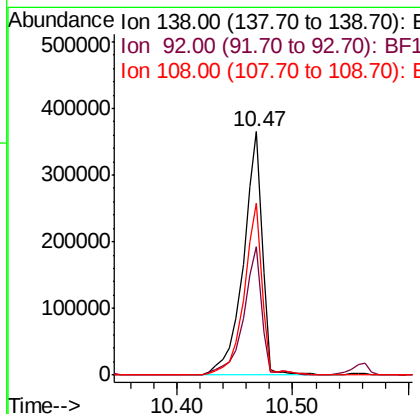
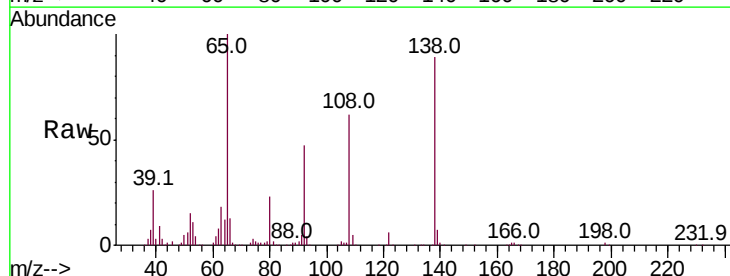
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

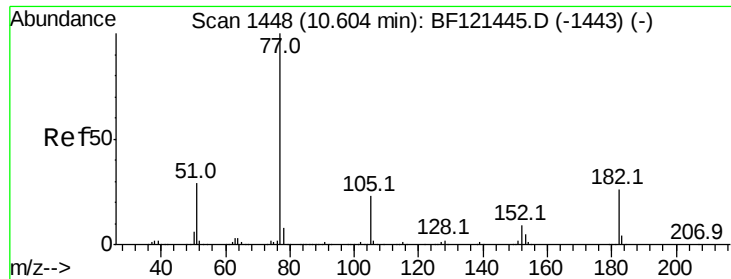
Tot Ion:204 Resp: 785271
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.3 39.5
 141 55.2 48.7 73.1



#62
 4-Nitroaniline
 Concen: 37.566 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:138 Resp: 412614
 Ion Ratio Lower Upper
 138 100
 92 52.5 33.2 73.2
 108 70.5 53.6 93.6

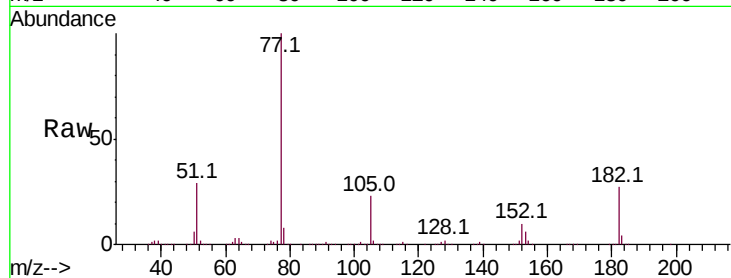




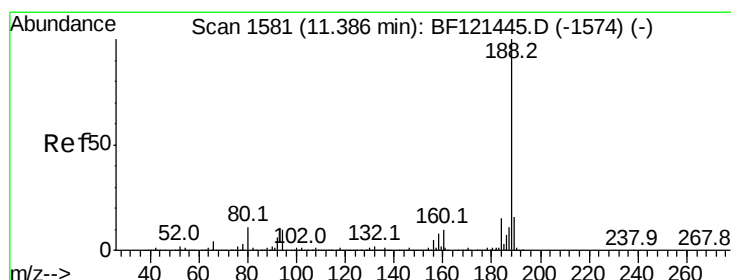
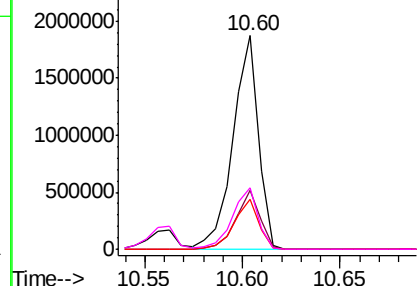
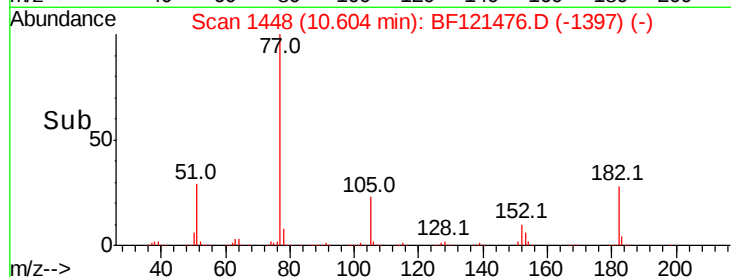
#63
Azobenzene
Concen: 36.714 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Tot Ion: 77 Resp: 1688469
Ion Ratio Lower Upper
77 100
182 27.5 6.2 46.2
105 23.3 3.3 43.3
51 28.9 9.5 49.5

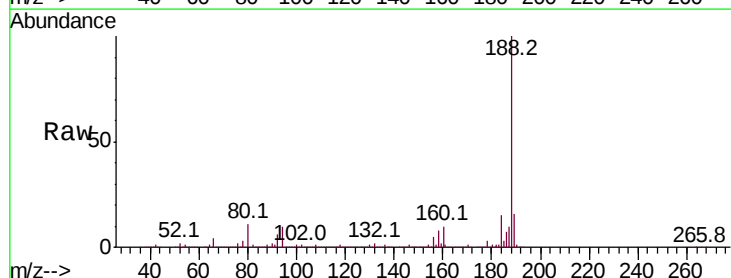


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

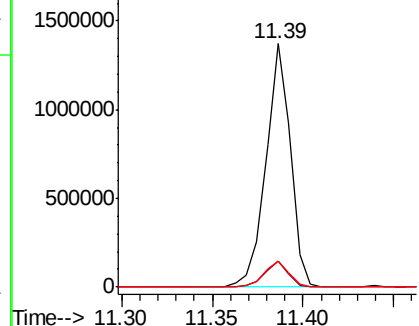
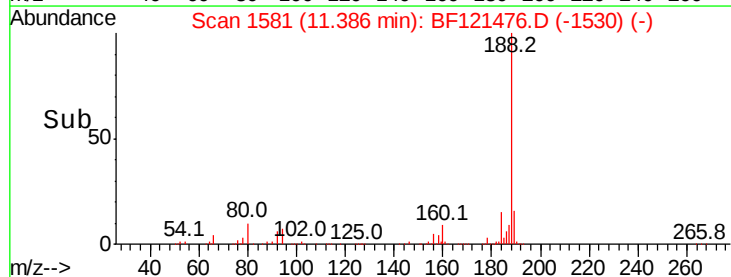


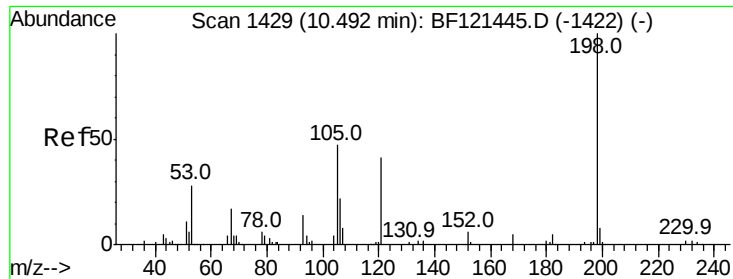
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion: 188 Resp: 1292355
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

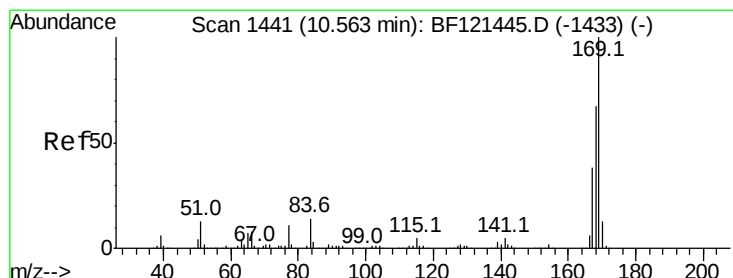
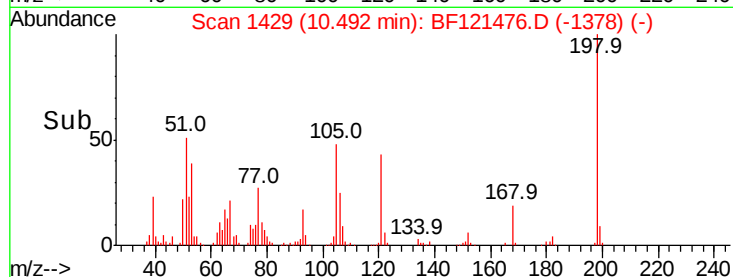
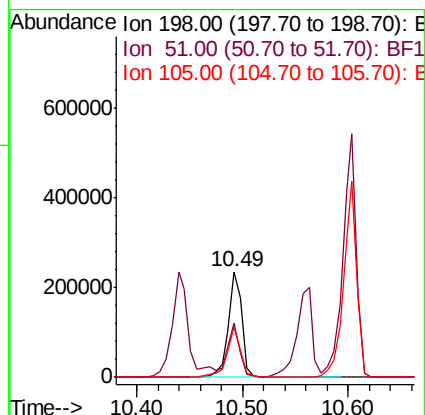
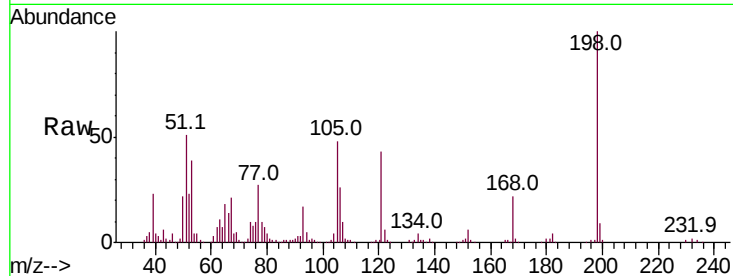




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.894 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

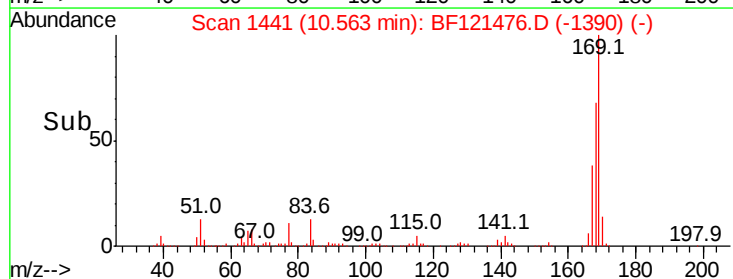
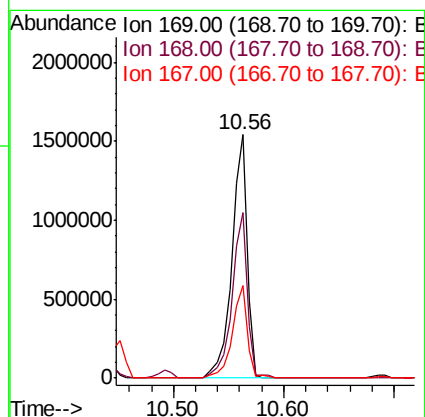
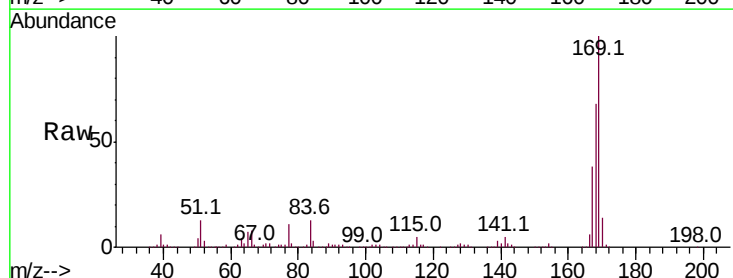
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

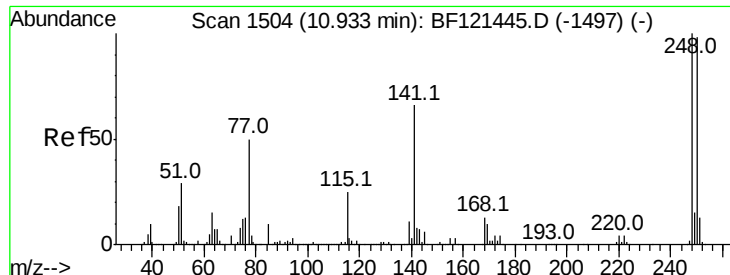
Tot Ion:198 Resp: 210238
 Ion Ratio Lower Upper
 198 100
 51 51.2 29.0 69.0
 105 48.0 29.1 69.1



#66
 n-Nitrosodiphenylamine
 Concen: 36.490 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:169 Resp: 1491483
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.0 81.0
 167 37.8 30.2 45.2

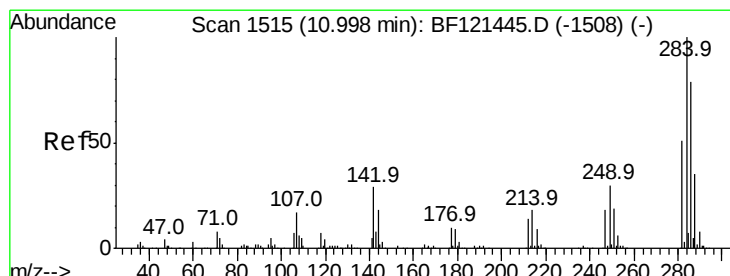
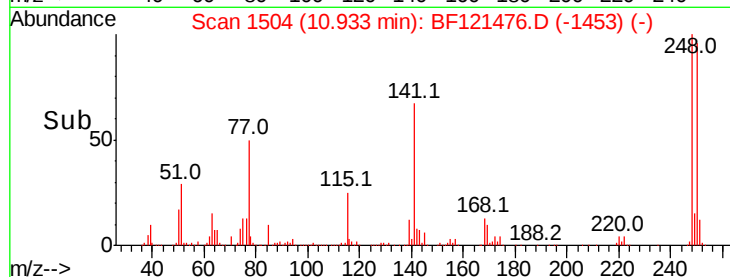
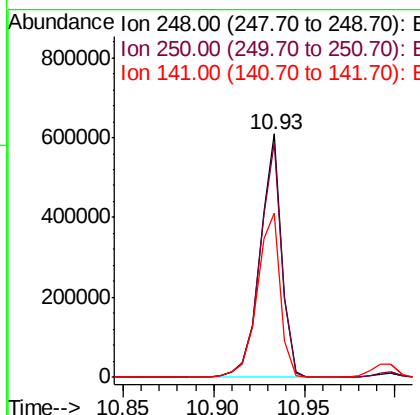
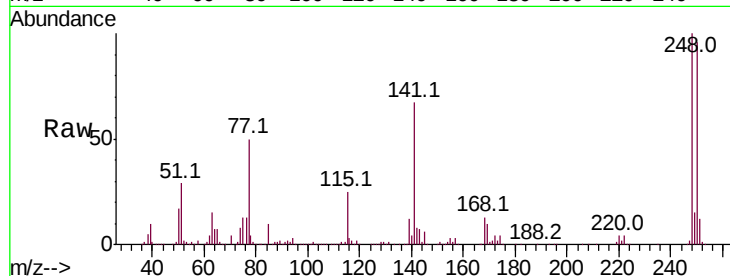




#67
 4-Bromophenyl-phenylether
 Concen: 35.426 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

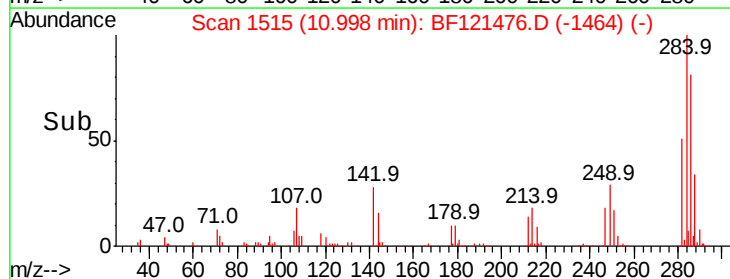
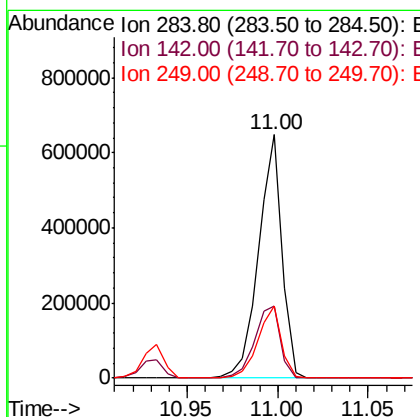
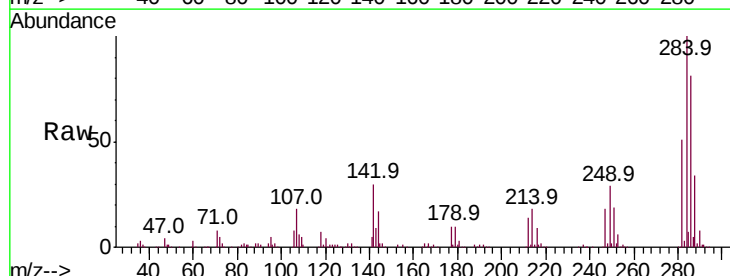
Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

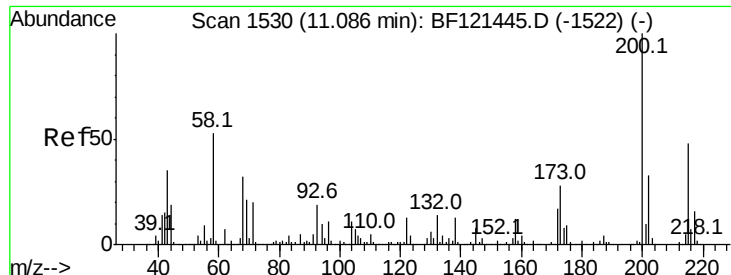
Tot Ion:248 Resp: 503656
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.7 118.1
 141 67.2 52.6 78.8



#68
 Hexachlorobenzene
 Concen: 34.992 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:284 Resp: 581743
 Ion Ratio Lower Upper
 284 100
 142 29.6 23.4 35.0
 249 29.4 23.8 35.6

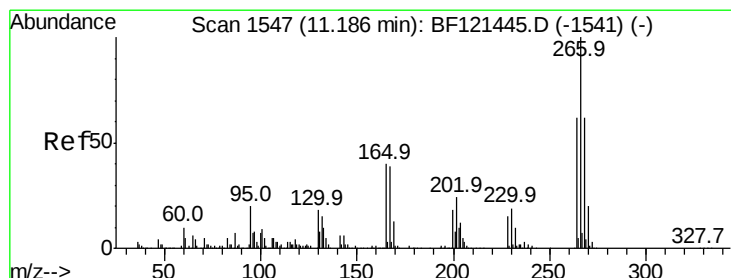
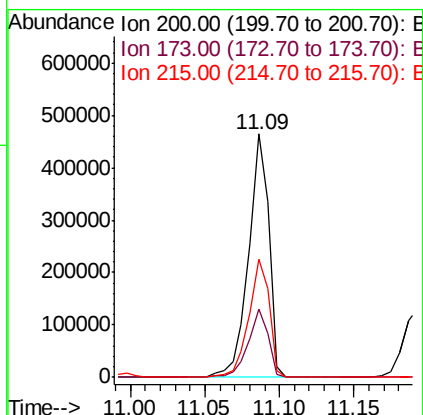
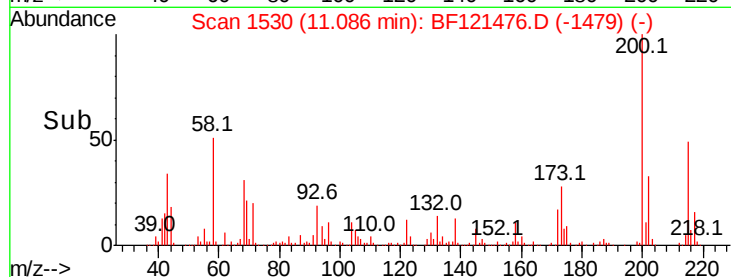
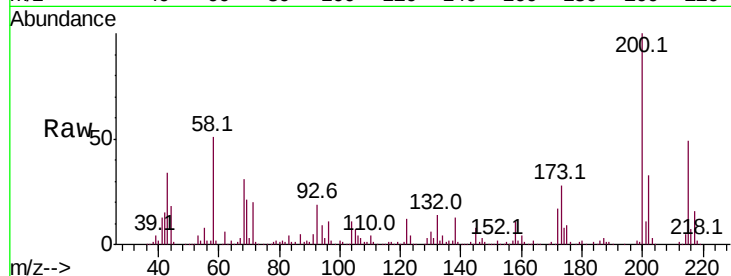




#69
Atrazine
Concen: 36.781 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

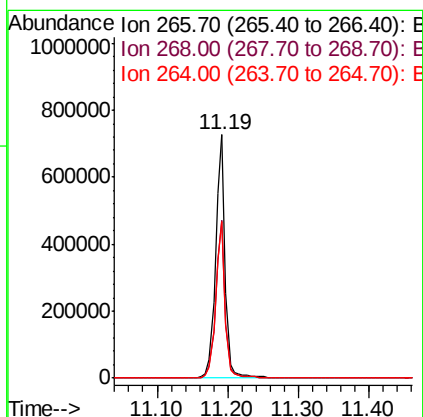
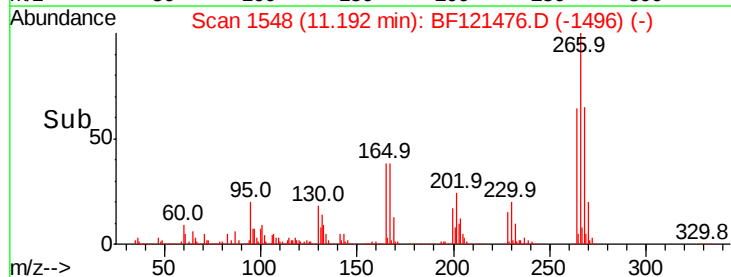
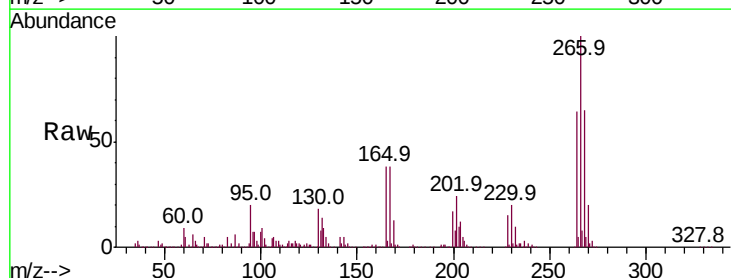
Instrument :
BNA_F
ClientSampleId :
PB131281BS

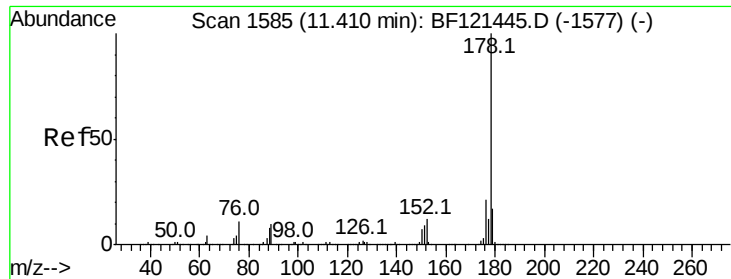
Tot Ion:200 Resp: 436003
Ion Ratio Lower Upper
200 100
173 27.9 8.1 48.1
215 48.6 28.5 68.5



#70
Pentachlorophenol
Concen: 91.490 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:266 Resp: 694887
Ion Ratio Lower Upper
266 100
268 65.1 49.7 74.5
264 64.2 49.4 74.0





#71

Phenanthrene

Concen: 35.377 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

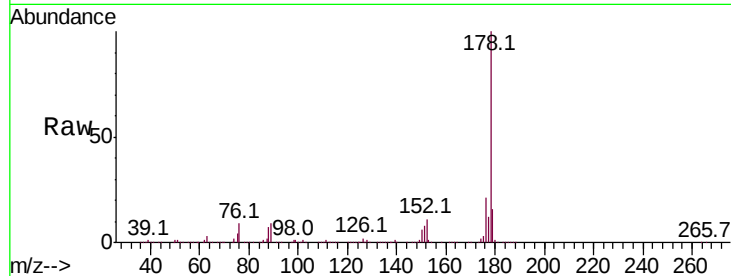
Tot Ion:178 Resp: 2346264

Ion Ratio Lower Upper

178 100

176 20.9 16.9 25.3

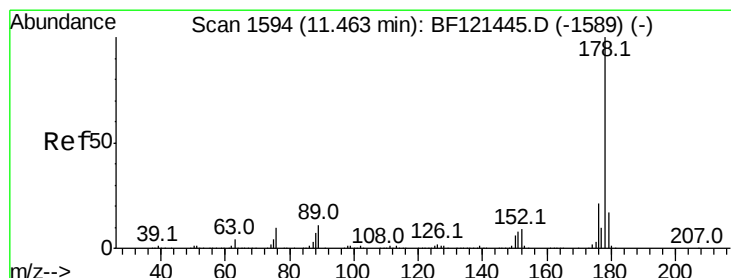
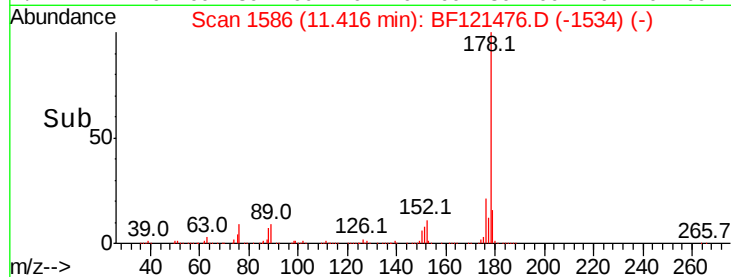
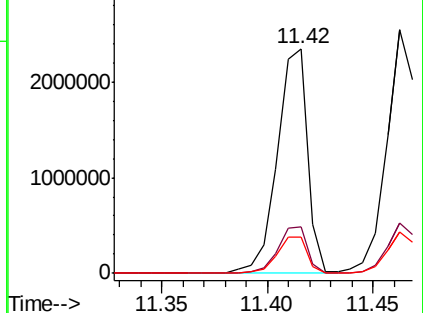
179 16.1 13.4 20.0



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: 37.092 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

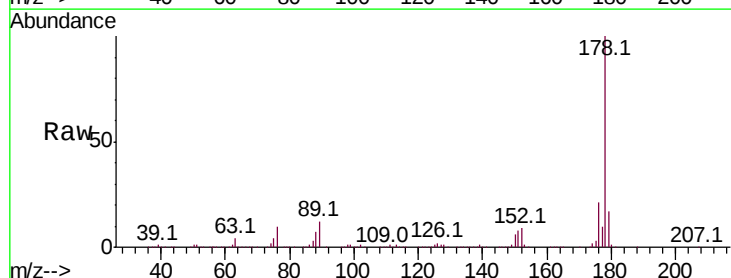
Tgt Ion:178 Resp: 2419457

Ion Ratio Lower Upper

178 100

176 20.6 16.7 25.1

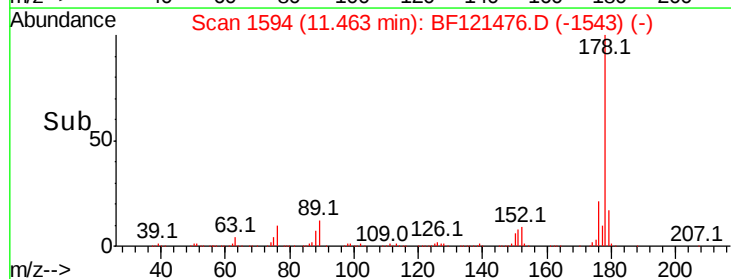
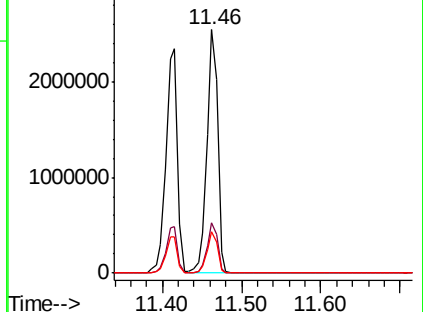
179 16.9 13.4 20.2

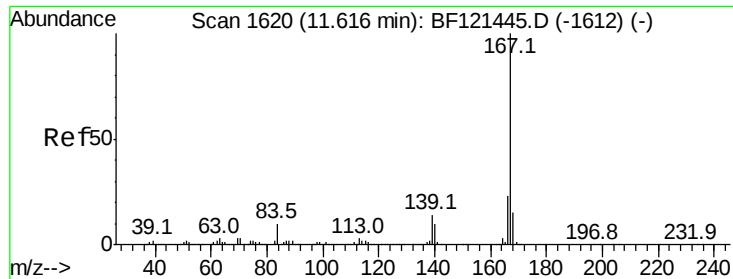


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



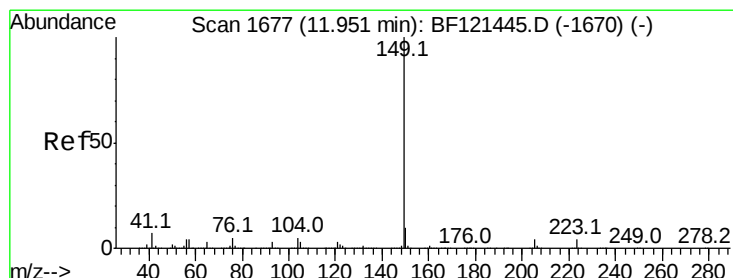
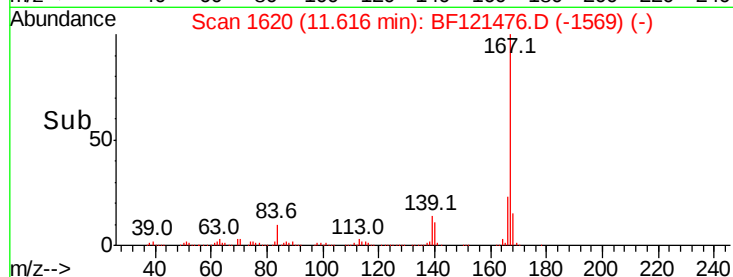
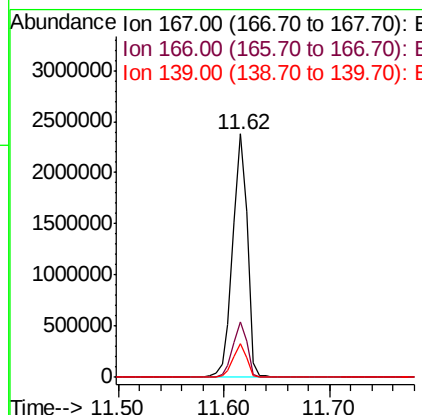
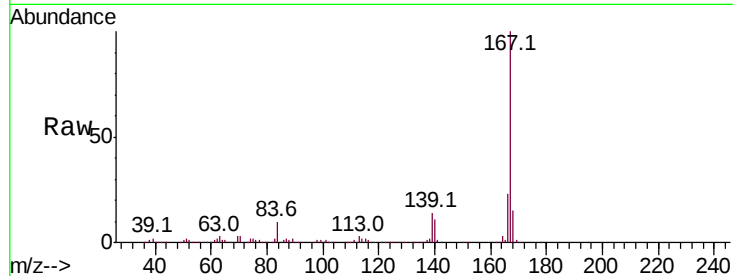


#73
 Carbazole
 Concen: 36.056 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:167 Resp: 2267963

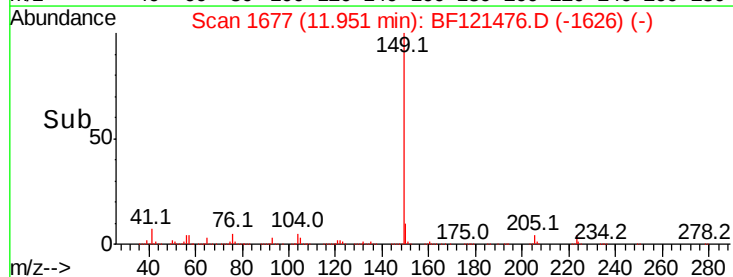
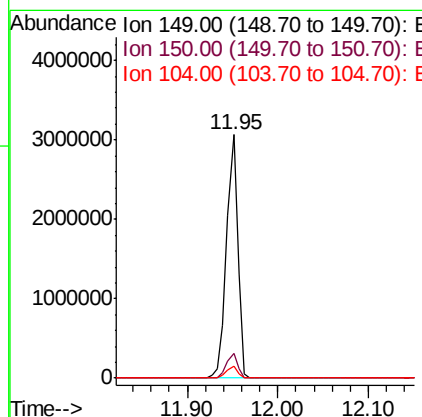
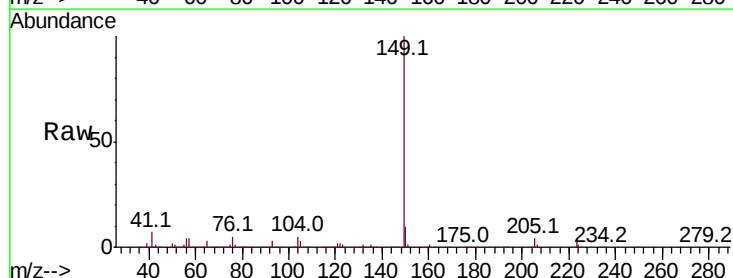
Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.4	27.6
139	13.8	11.0	16.6

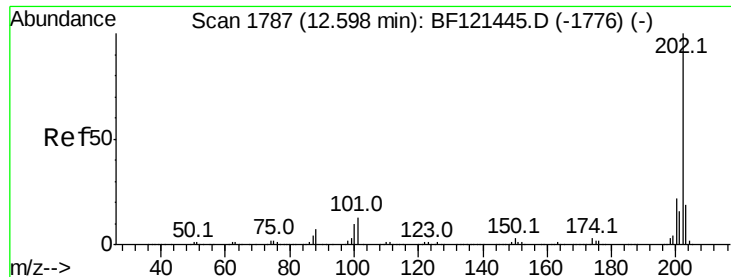


#74
 Di-n-butylphthalate
 Concen: 37.136 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:149 Resp: 2594933

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.1	4.2	6.4



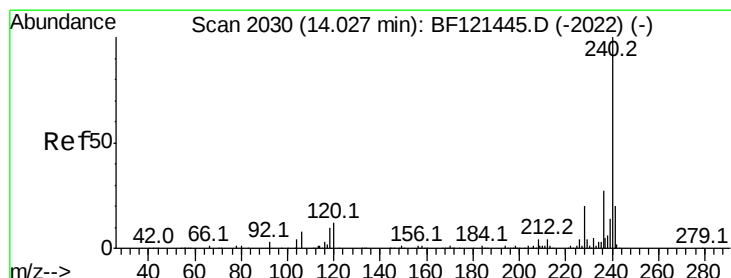
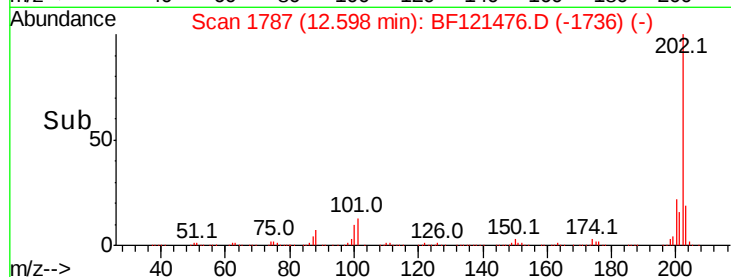
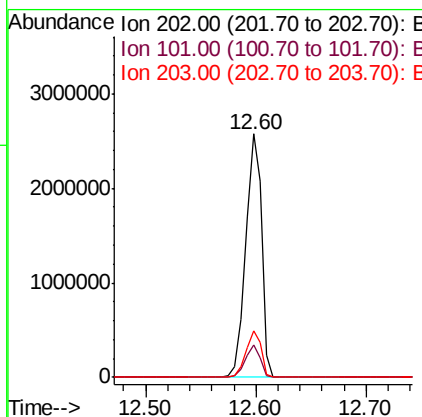
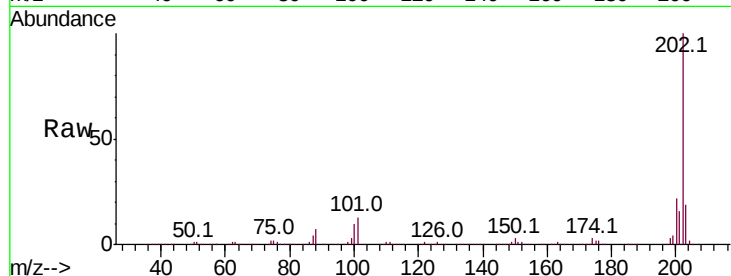


#75
 Fluoranthene
 Concen: 36.429 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:202 Resp: 2603854

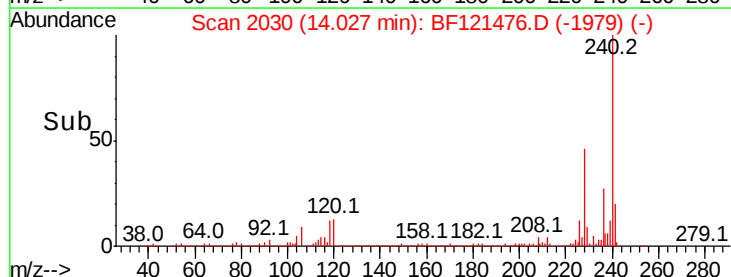
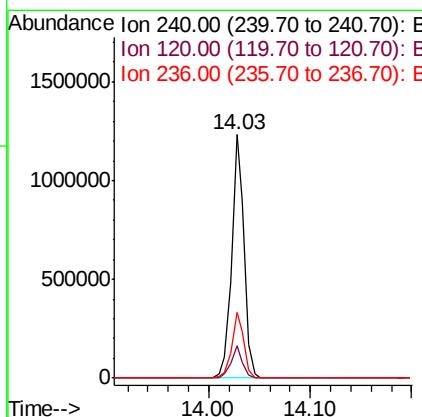
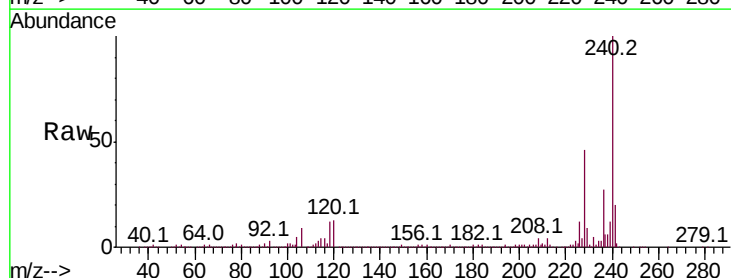
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.3
203	19.1	0.0	39.1

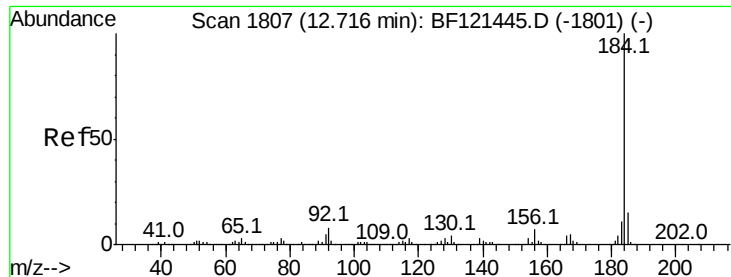


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:240 Resp: 1037775

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	27.1	21.8	32.6





#77

Benzidine

Concen: 53.266 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

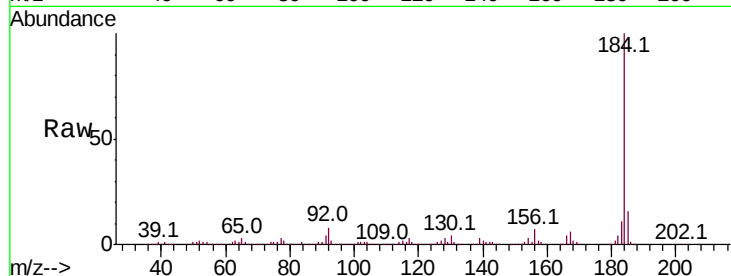
Tot Ion:184 Resp: 1205578

Ion Ratio Lower Upper

184 100

185 15.8 12.1 18.1

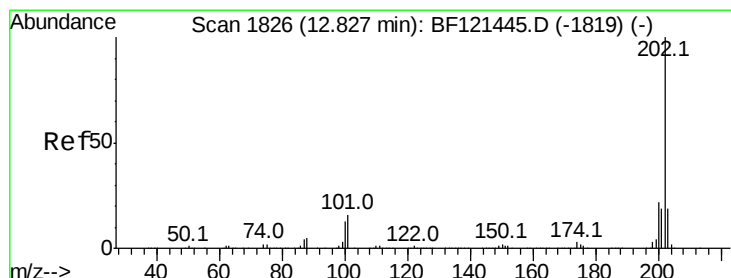
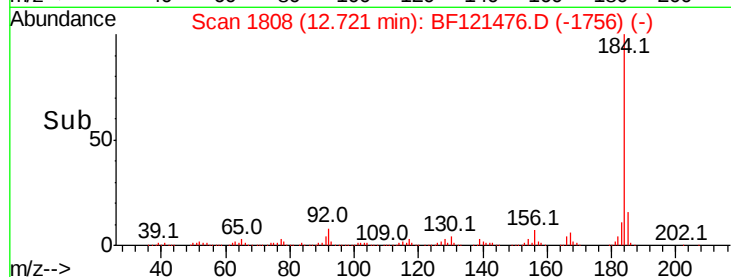
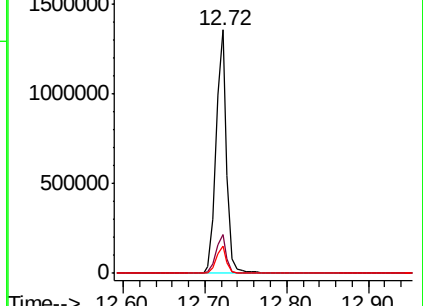
183 11.4 8.9 13.3



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: 35.653 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

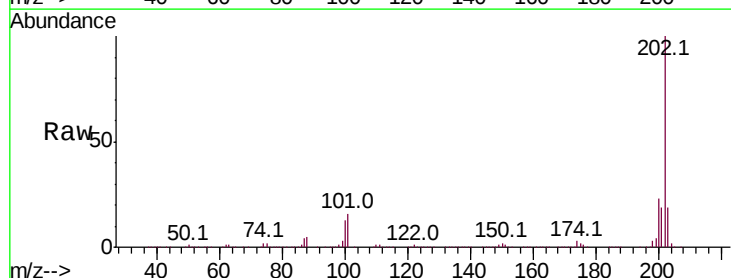
Tgt Ion:202 Resp: 2642465

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

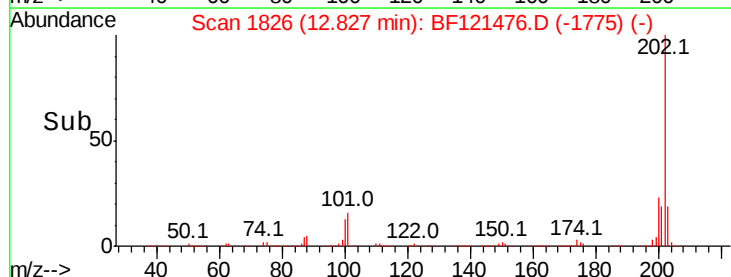
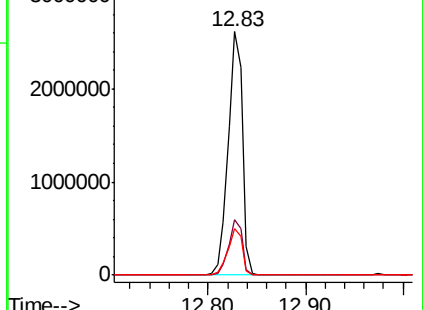
203 19.0 15.3 22.9

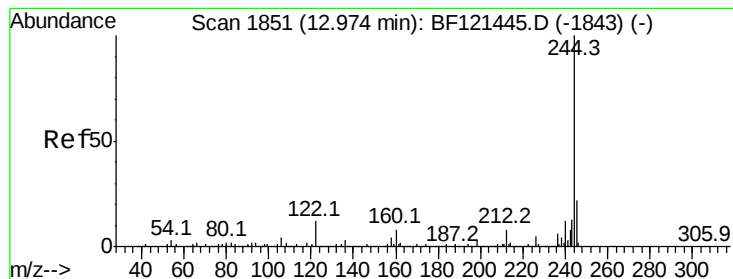


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.446 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

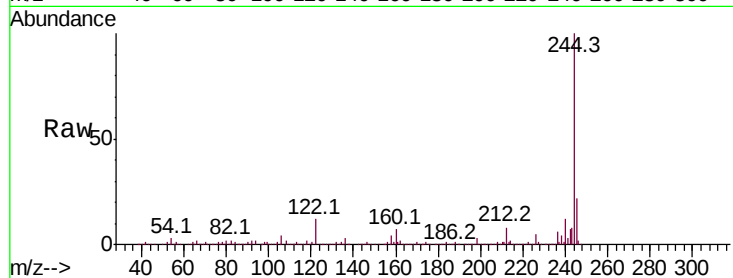
Tot Ion:244 Resp: 3374515

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

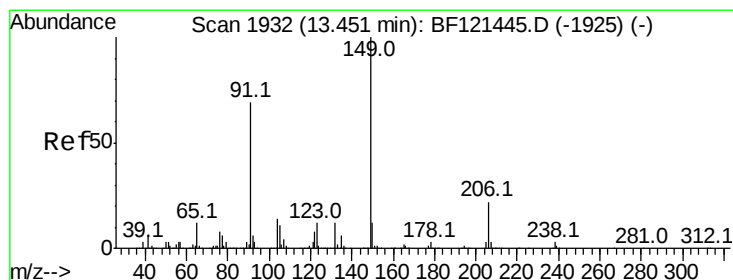
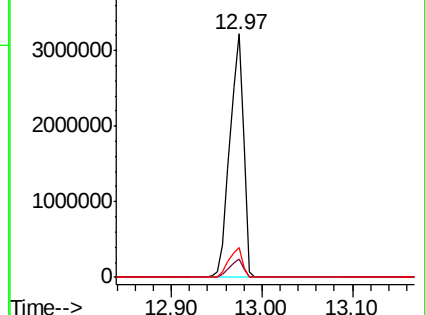
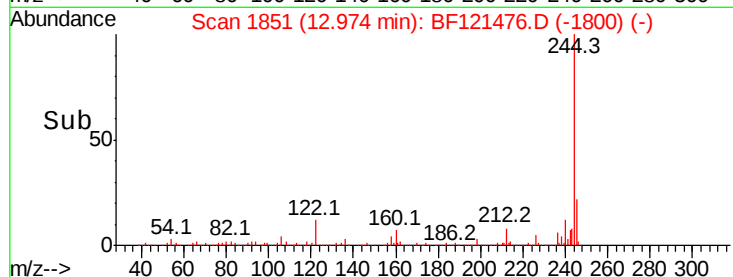
122 12.0 9.5 14.3



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: 40.508 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

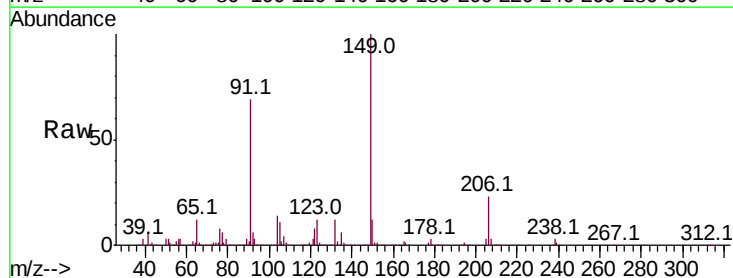
Tgt Ion:149 Resp: 1156626

Ion Ratio Lower Upper

149 100

91 69.3 55.0 82.4

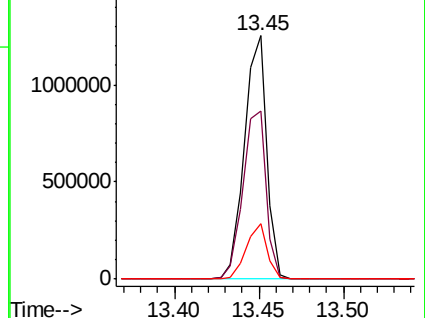
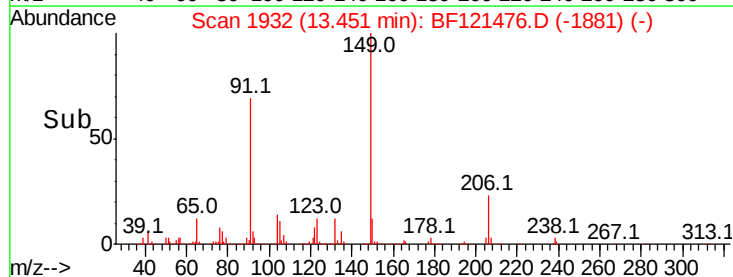
206 22.6 17.8 26.6

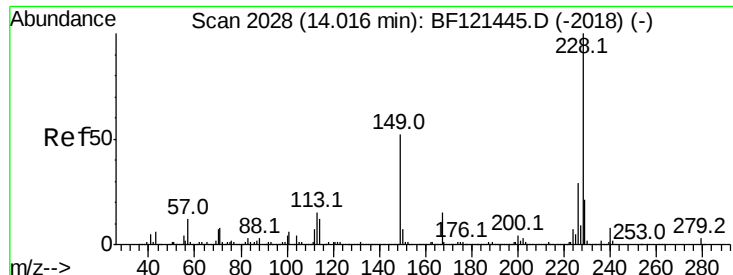


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

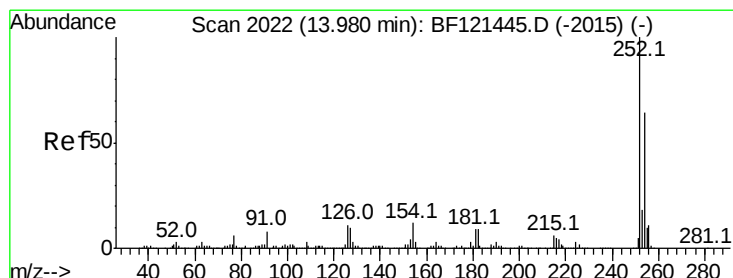
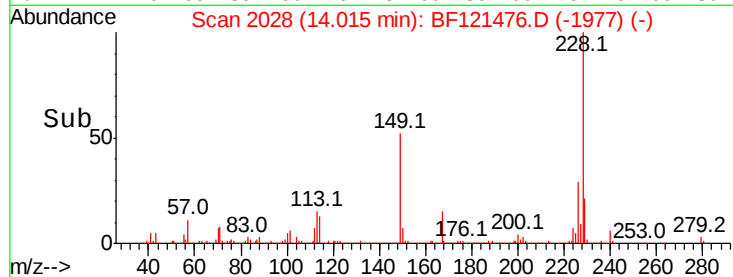
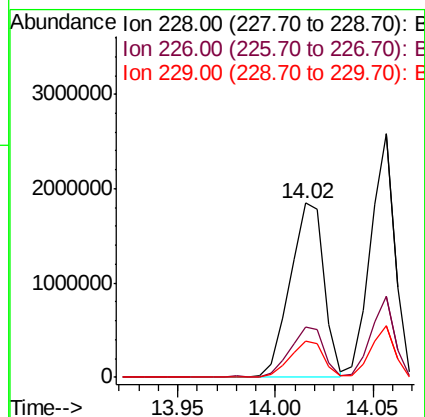
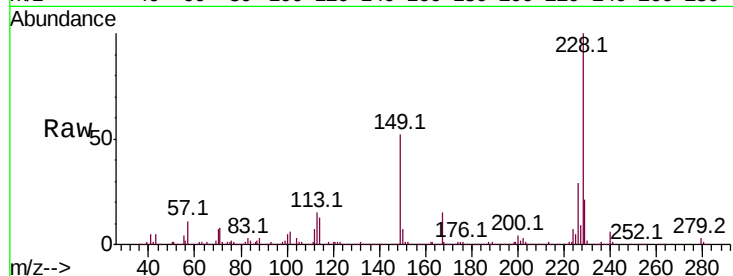




#81
Benzo(a)anthracene
Concen: 35.132 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

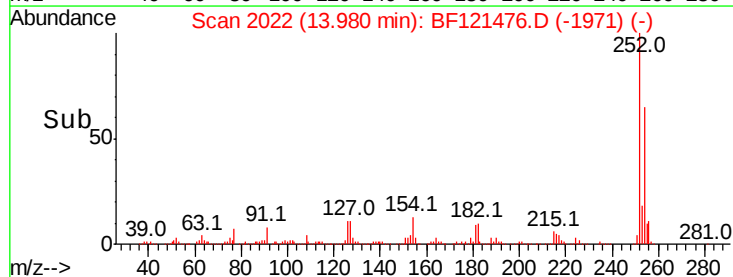
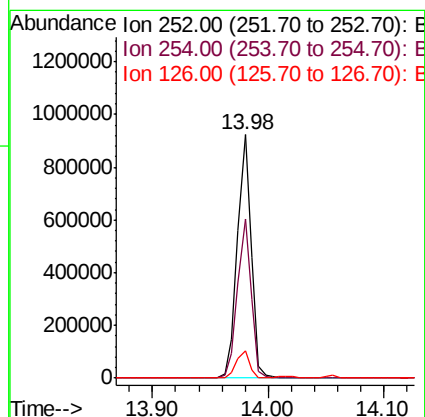
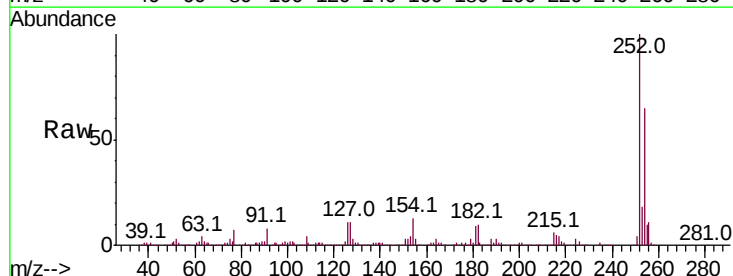
Instrument :
BNA_F
ClientSampleId :
PB131281BS

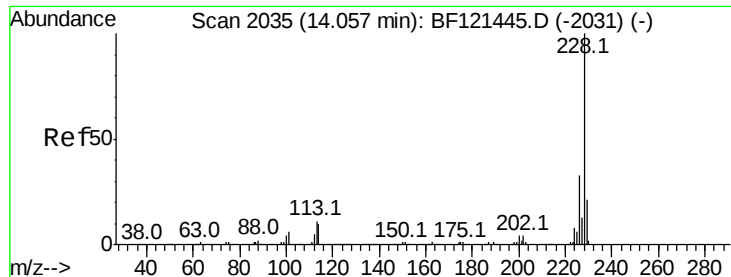
Tot Ion:228 Resp: 2225674
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.4
229 20.8 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 33.149 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:252 Resp: 769176
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 11.4 8.5 12.7





#83

Chrysene

Concen: 35.068 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

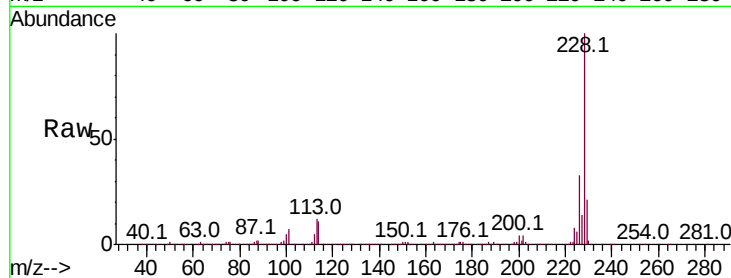
Tot Ion:228 Resp: 2222609

Ion Ratio Lower Upper

228 100

226 33.2 26.2 39.2

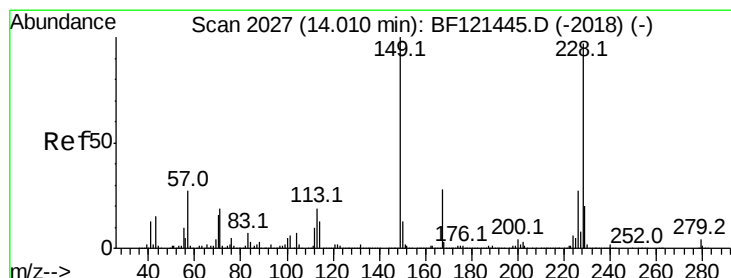
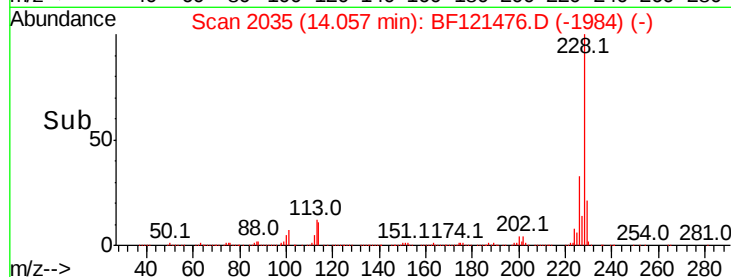
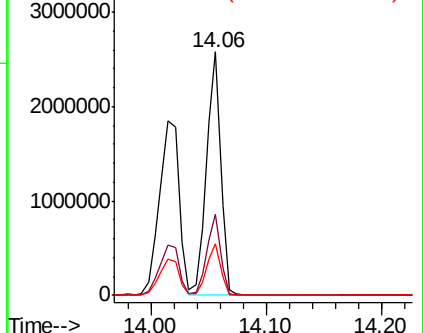
229 21.3 16.6 25.0



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: 39.588 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

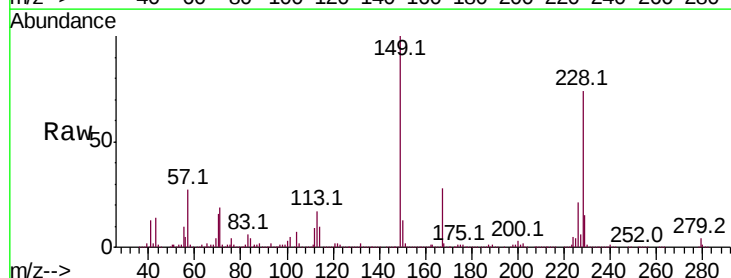
Tgt Ion:149 Resp: 1459921

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

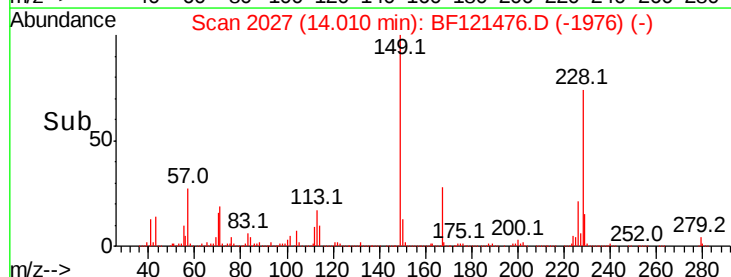
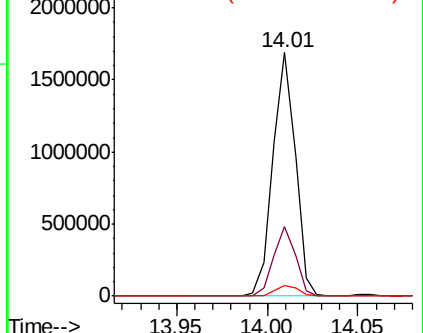
279 4.3 3.3 4.9

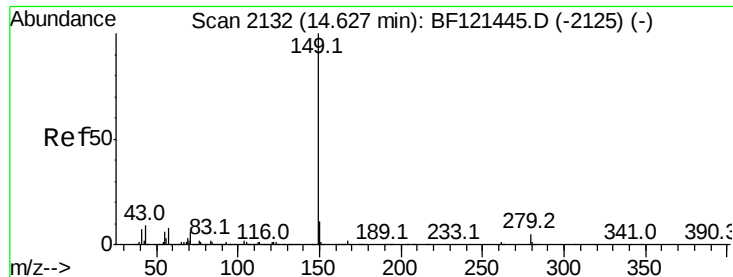


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

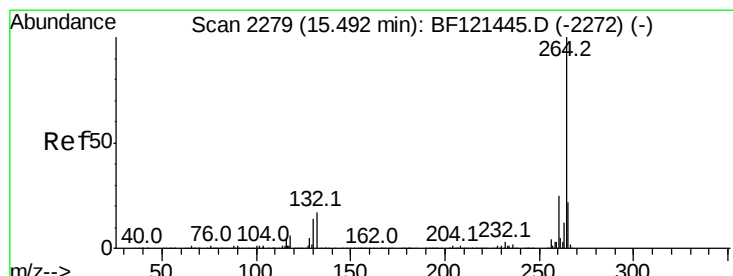
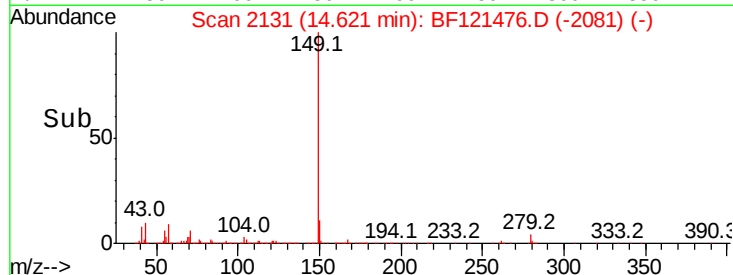
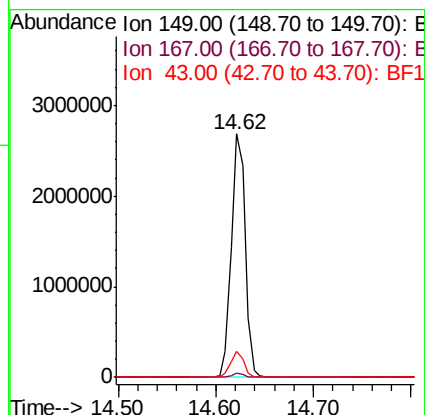
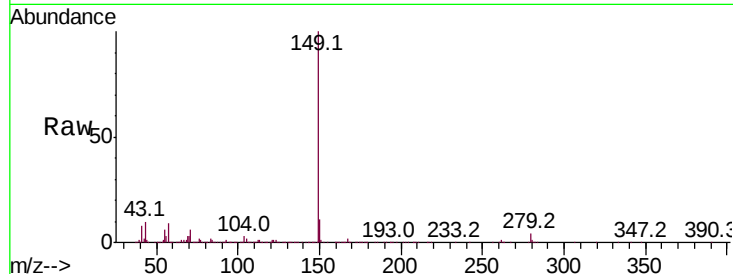




#85
Di-n-octyl phthalate
Concen: 42.698 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

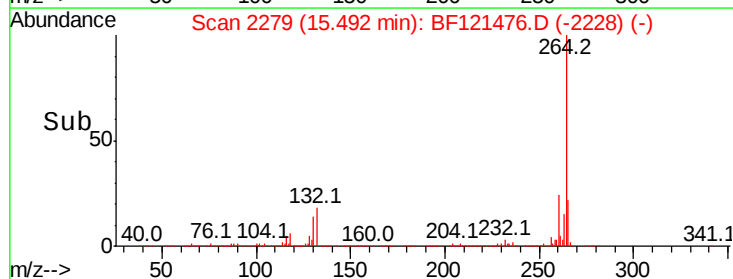
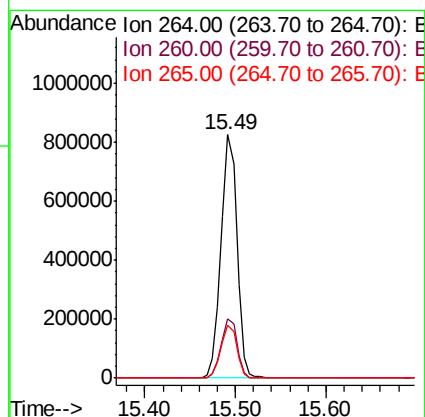
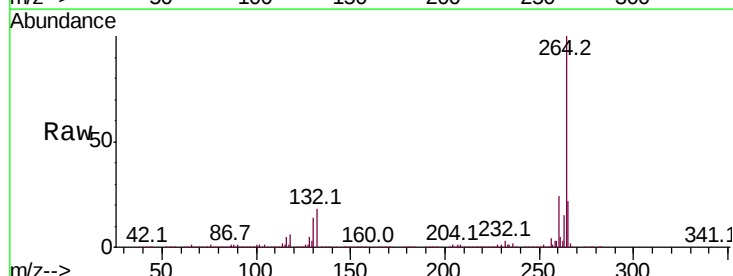
Instrument :
BNA_F
ClientSampleId :
PB131281BS

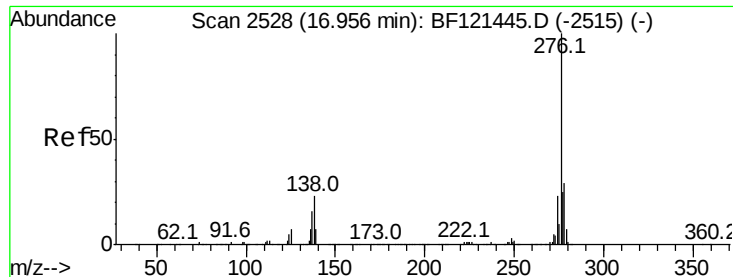
Tot Ion:149 Resp: 2668468
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.0 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:264 Resp: 1005131
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.7 17.8 26.6

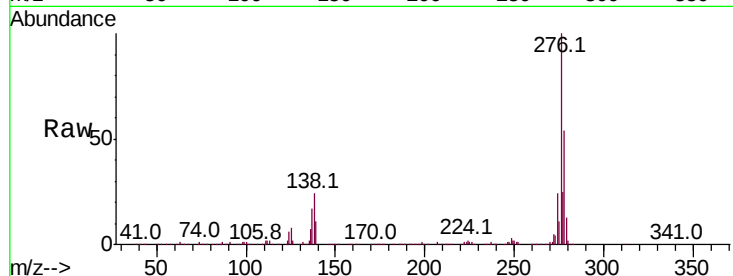




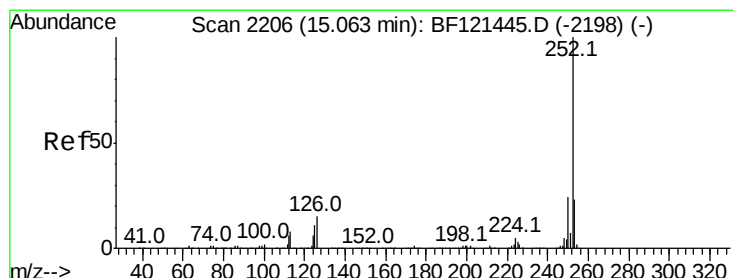
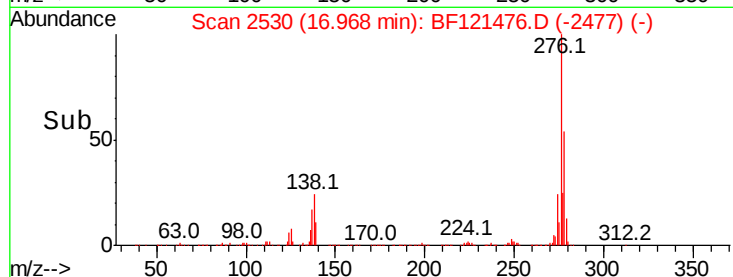
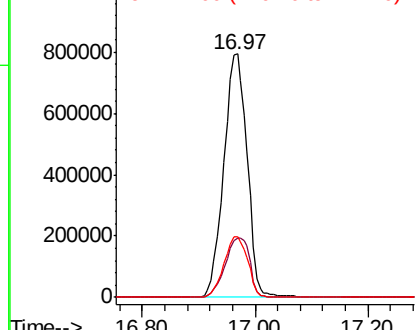
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.055 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB131281BS

Tot Ion:276 Resp: 2291600
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.6 31.0
 277 25.4 20.5 30.7

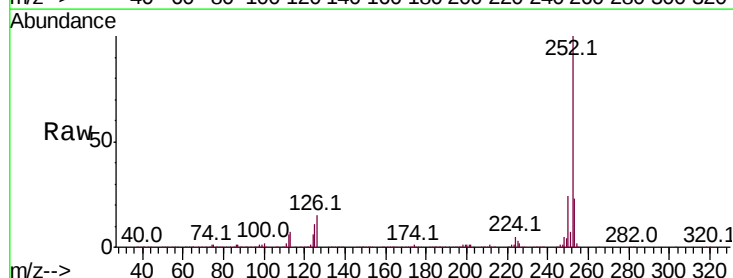


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

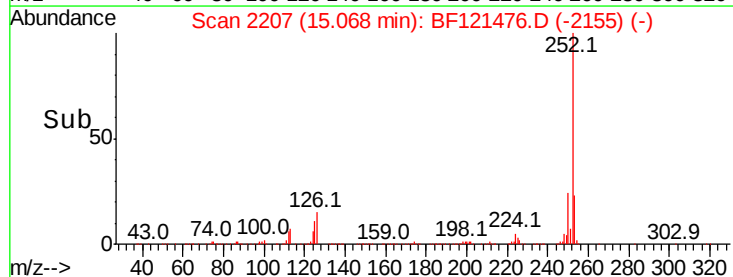
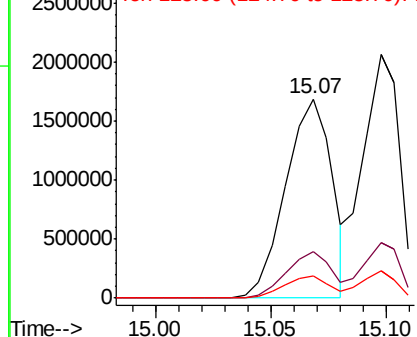


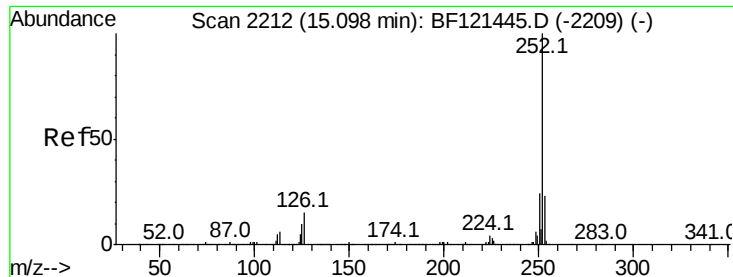
#88
 Benzo(b)fluoranthene
 Concen: 36.022 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BF121476.D
 Acq: 31 Aug 2020 14:17

Tgt Ion:252 Resp: 2355262
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.3 27.5
 125 11.1 9.2 13.8



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

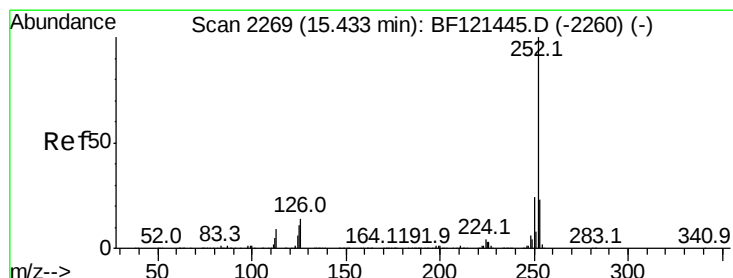
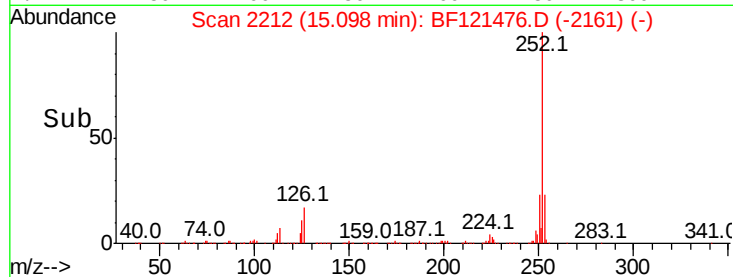
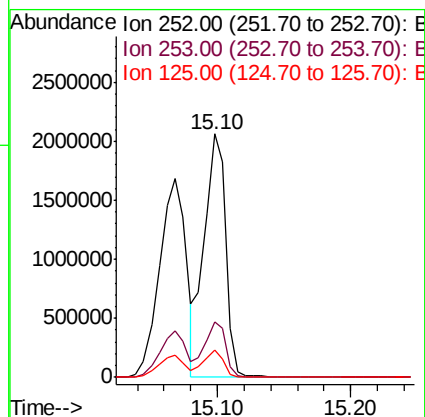
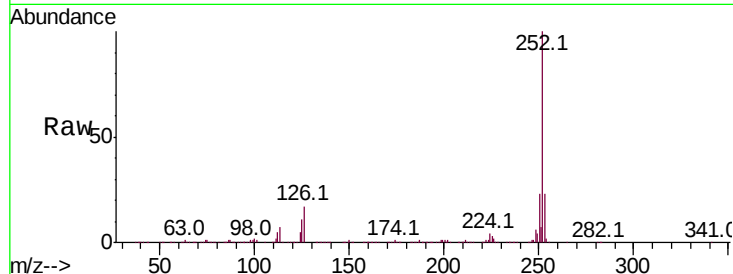




#89
Benzo(k)fluoranthene
Concen: 37.768 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

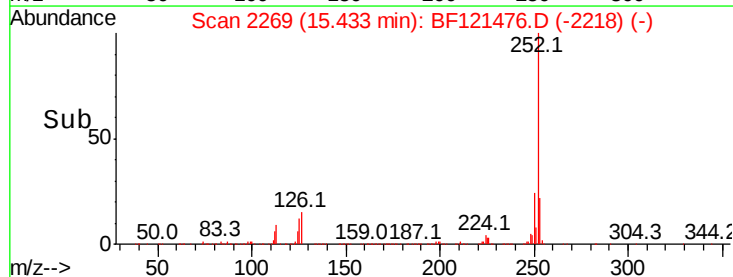
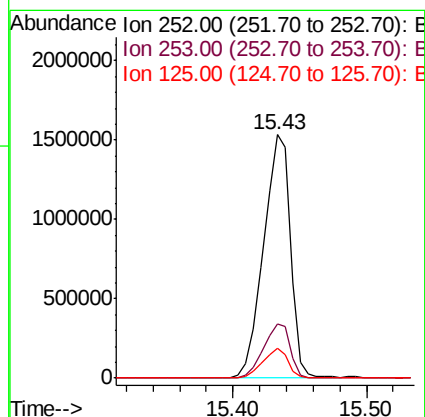
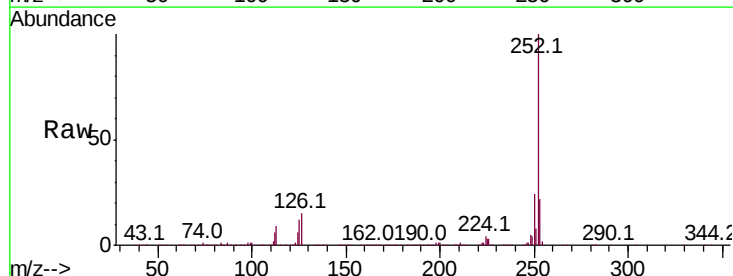
Instrument :
BNA_F
ClientSampleId :
PB131281BS

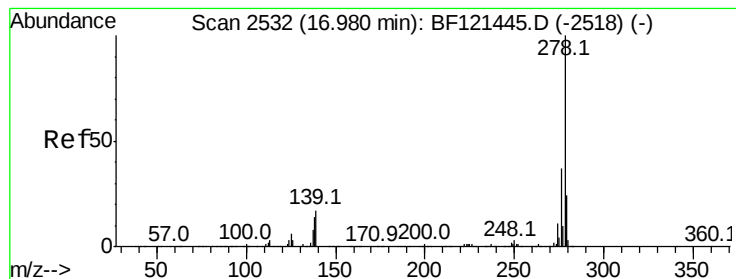
Tot Ion:252 Resp: 2296887
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 11.3 8.5 12.7



#90
Benzo(a)pyrene
Concen: 36.205 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF121476.D
Acq: 31 Aug 2020 14:17

Tgt Ion:252 Resp: 2128625
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.0 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.554 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

Instrument :

BNA_F

ClientSampleId :

PB131281BS

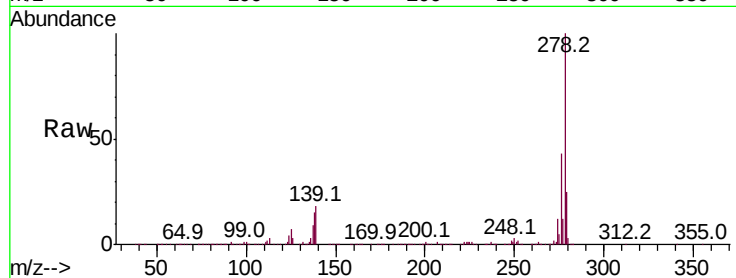
Tot Ion:278 Resp: 1901131

Ion Ratio Lower Upper

278 100

139 17.6 13.3 19.9

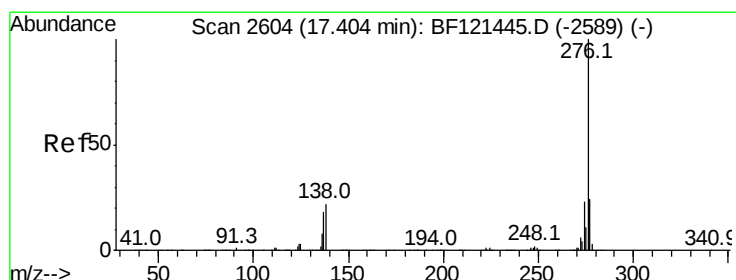
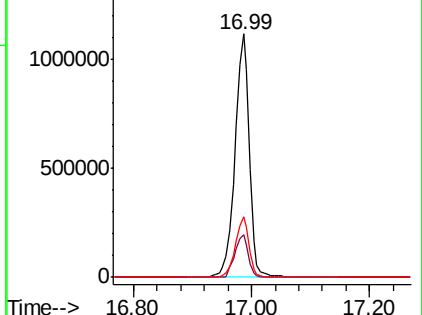
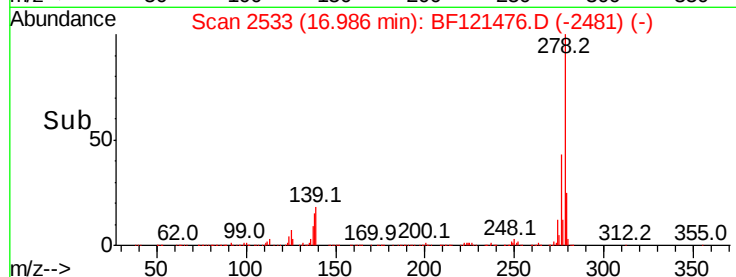
279 24.8 19.4 29.0



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: 38.081 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF121476.D

Acq: 31 Aug 2020 14:17

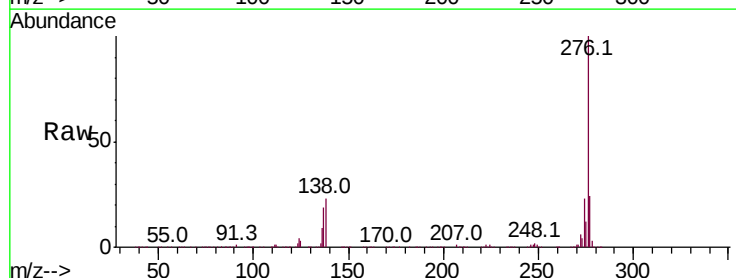
Tgt Ion:276 Resp: 1857046

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 23.4 17.4 26.0



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

