

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121424.D
 Acq On : 25 Aug 2020 13:13
 Operator : JU/CG
 Sample : PB131184BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Quant Time: Aug 25 13:50:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156910	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	612953	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	320514	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	605807	20.00	ng	0.00
76) Chrysene-d12	13.86	240	473330	20.00	ng	0.01
86) Perylene-d12	15.27	264	522509	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	919041	96.04	ng	0.03
7) Phenol-d6	6.35	99	1114668	91.25	ng	0.01
23) Nitrobenzene-d5	7.27	82	965747	89.11	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	337850	90.46	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1644663	100.93	ng	0.00
79) Terphenyl-d14	12.80	244	1448265	59.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	171959	39.711	ng	99
3) Pyridine	3.18	79	387484	33.341	ng	99
4) n-Nitrosodimethylamine	3.14	42	188662	39.883	ng	98
6) Aniline	6.36	93	372307	26.394	ng	# 44
8) 2-Chlorophenol	6.49	128	394531	39.447	ng	97
9) Benzaldehyde	6.25	77	238837	34.753	ng	97
10) Phenol	6.36	94	460651	35.963	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	381074	38.629	ng	98
12) 1,3-Dichlorobenzene	6.64	146	420922	37.564	ng	98
13) 1,4-Dichlorobenzene	6.72	146	422586	37.358	ng	99
14) 1,2-Dichlorobenzene	6.87	146	371656	34.500	ng	98
15) Benzyl Alcohol	6.85	79	271140	36.889	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	501634	34.535	ng	# 45
17) 2-Methylphenol	6.97	107	321262	38.929	ng	# 92
18) Hexachloroethane	7.20	117	156808	37.229	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	252727	38.467	ng	99
20) 3+4-Methylphenols	7.13	107	400733	49.909	ng	# 78
22) Acetophenone	7.11	105	538545	37.581	ng	# 95
24) Nitrobenzene	7.29	77	401039	36.306	ng	99
25) Isophorone	7.53	82	737618	37.398	ng	98
26) 2-Nitrophenol	7.60	139	223574	39.465	ng	97
27) 2,4-Dimethylphenol	7.65	122	350486	43.357	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	471572	35.123	ng	99
29) 2,4-Dichlorophenol	7.85	162	332488	37.673	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	361143	35.783	ng	99
31) Naphthalene	8.00	128	1118802	36.675	ng	100
32) Benzoic acid	7.80	122	192569	33.050	ng	98
33) 4-Chloroaniline	8.06	127	340874	25.234	ng	99
34) Hexachlorobutadiene	8.12	225	205268	34.367	ng	99
35) Caprolactam	8.44	113	69102	23.907	ng	92
36) 4-Chloro-3-methylphenol	8.56	107	337650	37.827	ng	97
37) 2-Methylnaphthalene	8.69	142	754157	38.141	ng	100
38) 1-Methylnaphthalene	8.79	142	697977	37.125	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	350692	36.865	ng	99

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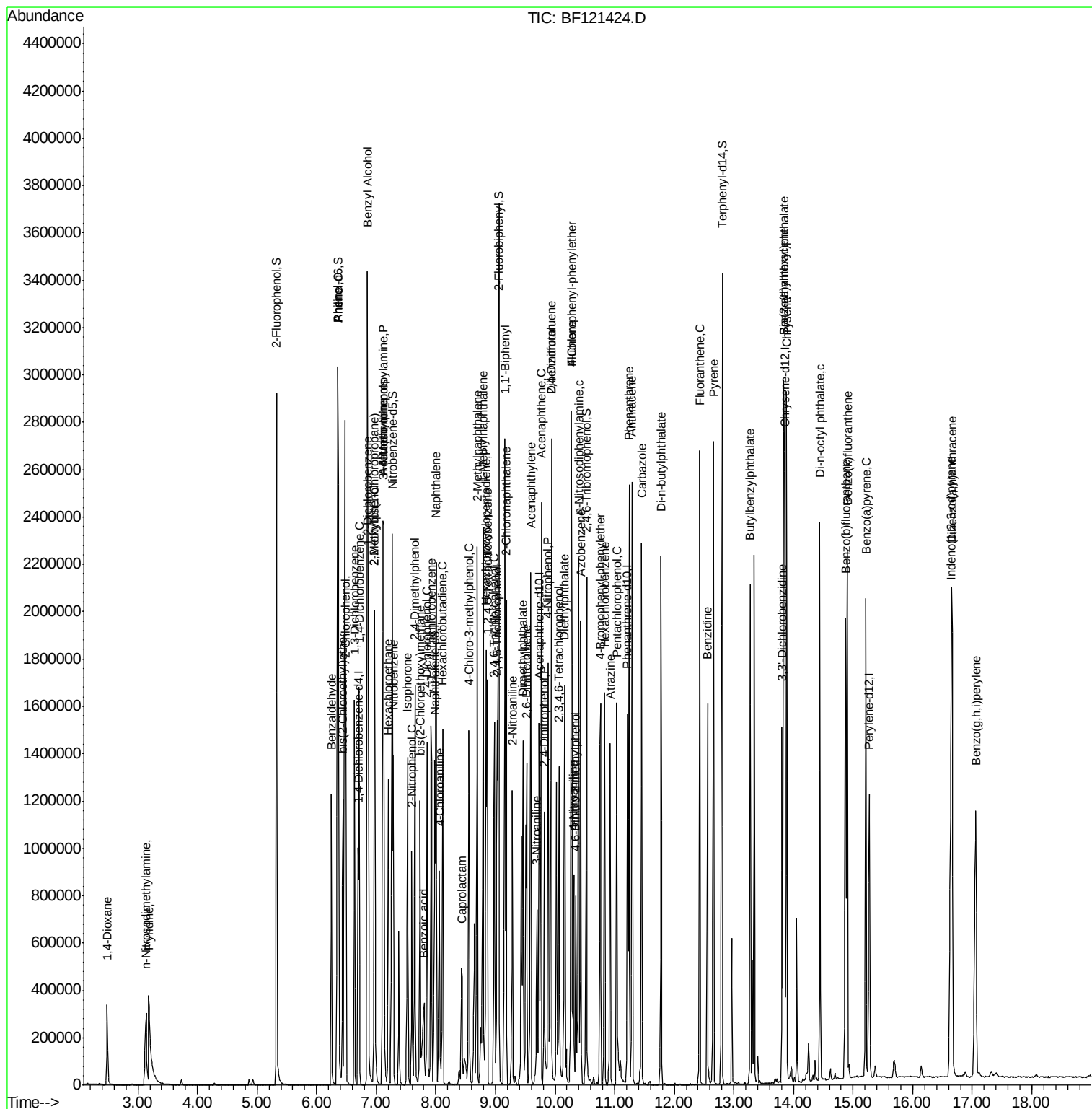
Instrument :
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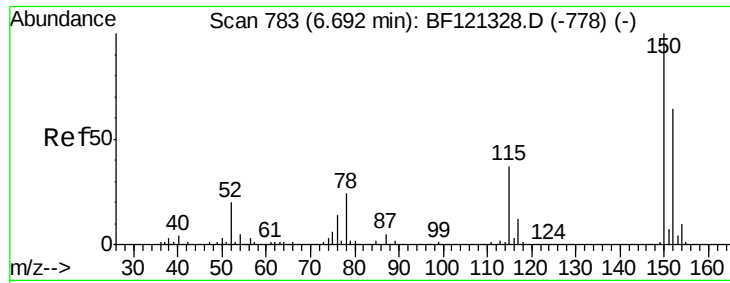
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	279499	74.636	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	231681	35.624	nq	100
44) 2,4,5-Trichlorophenol	9.03	196	240564	35.954	nq	97
46) 1,1'-Biphenyl	9.16	154	896051	37.300	nq	99
47) 2-Chloronaphthalene	9.18	162	690929	34.910	nq	99
48) 2-Nitroaniline	9.29	65	217125	34.843	nq	91
49) Acenaphthylene	9.60	152	1096098	37.286	nq	99
50) Dimethylphthalate	9.46	163	808991	34.694	nq	99
51) 2,6-Dinitrotoluene	9.53	165	182915	36.730	nq	98
52) Acenaphthene	9.77	154	633999	35.495	nq	98
53) 3-Nitroaniline	9.70	138	144429	23.184	nq	98
54) 2,4-Dinitrophenol	9.82	184	181505	75.600	nq	95
55) Dibenzofuran	9.94	168	921413	39.792	nq	99
56) 4-Nitrophenol	9.88	139	233086	60.667	nq	98
57) 2,4-Dinitrotoluene	9.93	165	220197	36.244	nq	# 88
58) Fluorene	10.28	166	719148	42.549	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	202687	35.437	nq	98
60) Diethylphthalate	10.16	149	785786	34.510	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	347992	40.601	nq	98
62) 4-Nitroaniline	10.32	138	205674	32.221	nq	95
63) Azobenzene	10.43	77	753184	35.613	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	132213	40.809	nq	87
66) n-Nitrosodiphenylamine	10.40	169	682722	36.536	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	233273	34.713	nq	98
68) Hexachlorobenzene	10.83	284	263546	34.023	nq	95
69) Atrazine	10.93	200	190255	32.867	nq	100
70) Pentachlorophenol	11.03	266	256143	74.321	nq	99
71) Phenanthrene	11.25	178	1066719	34.022	nq	99
72) Anthracene	11.29	178	1118224	37.036	nq	100
73) Carbazole	11.45	167	1047104	36.339	nq	100
74) Di-n-butylphthalate	11.78	149	1206038	34.709	nq	100
75) Fluoranthene	12.43	202	1195907	35.141	nq	98
77) Benzidine	12.56	184	670272	51.399	nq	99
78) Pyrene	12.66	202	1214456	34.157	nq	99
80) Butylbenzylphthalate	13.27	149	517496	33.872	nq	100
81) Benzo(a)anthracene	13.84	228	1021274	34.738	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	309355	27.406	nq	100
83) Chrysene	13.89	228	1024586	34.076	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	646725	35.996	nq	100
85) Di-n-octyl phthalate	14.44	149	1200404	36.103	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1159214	36.344	nq	100
88) Benzo(b)fluoranthene	14.87	252	1145910	33.947	nq	98
89) Benzo(k)fluoranthene	14.90	252	961044	32.343	nq	99
90) Benzo(a)pyrene	15.22	252	989023	33.909	nq	99
91) Dibenzo(a,h)anthracene	16.66	278	947962	36.249	nq	99
92) Benzo(g,h,i)perylene	17.06	276	989919	38.720	nq	99

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

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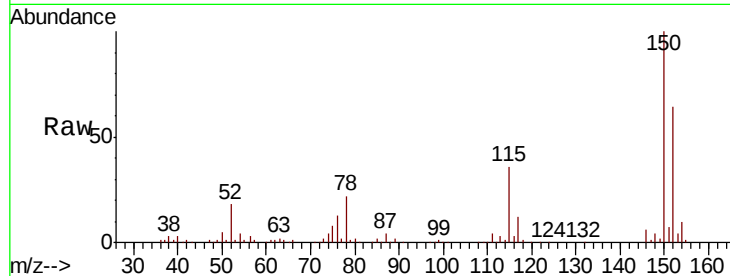


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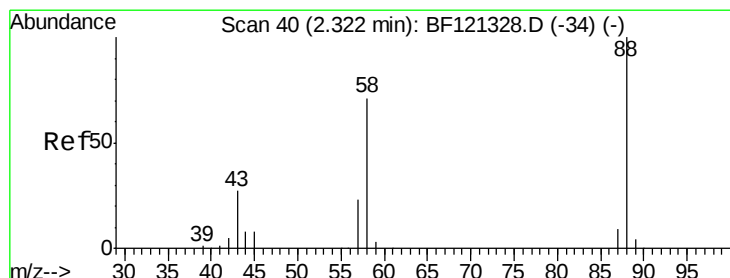
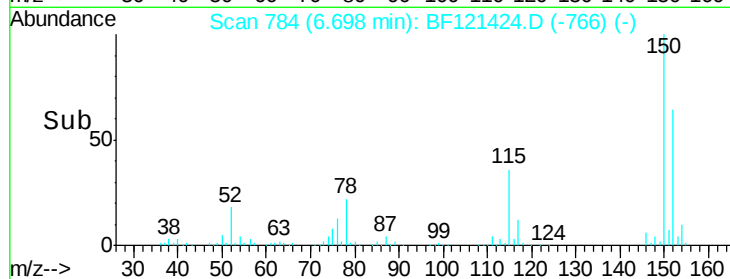
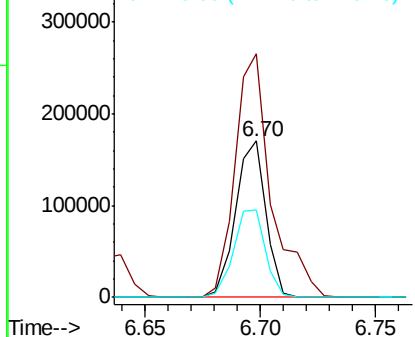
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
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ClientSampleId :
PB131184BS

Tot Ion:152 Resp: 156910
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 55.5 46.1 69.1



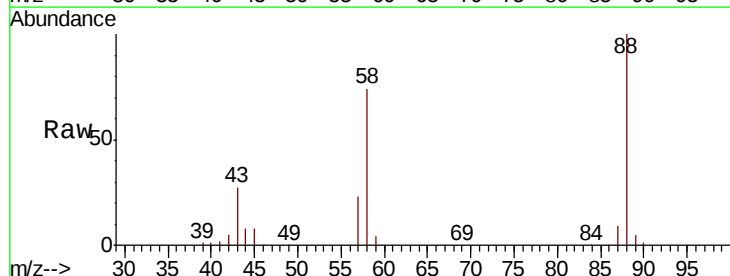
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



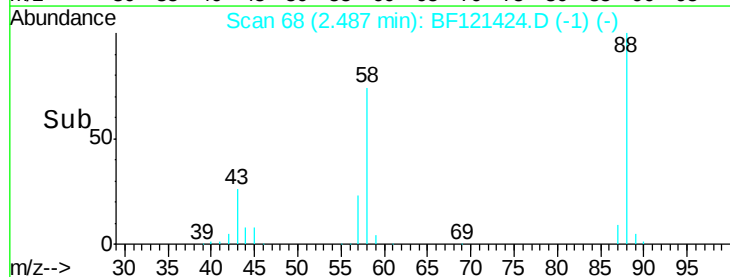
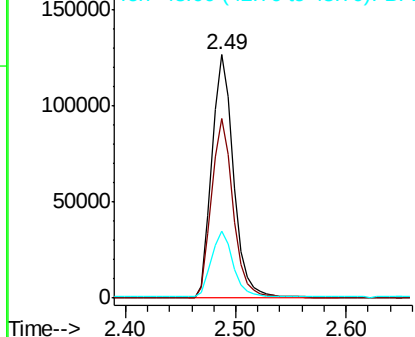
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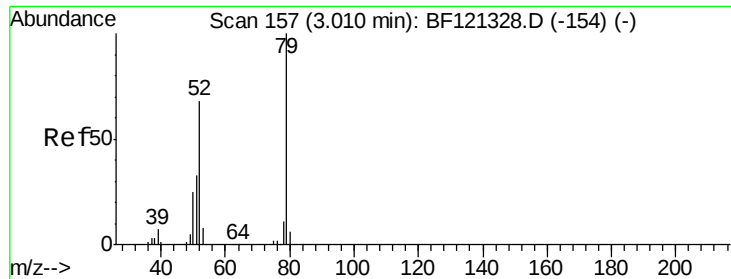
1,4-Dioxane
Concen: 39.711 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.16 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion: 88 Resp: 171959
Ion Ratio Lower Upper
88 100
58 74.1 58.5 87.7
43 26.9 21.8 32.8



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

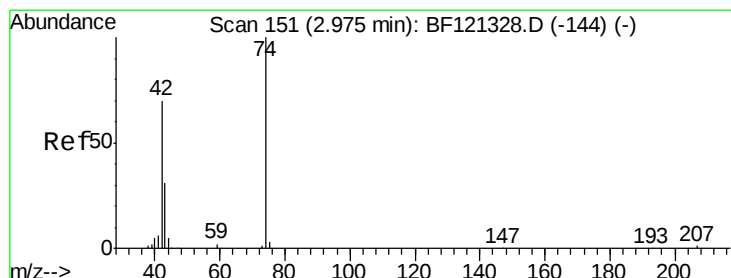
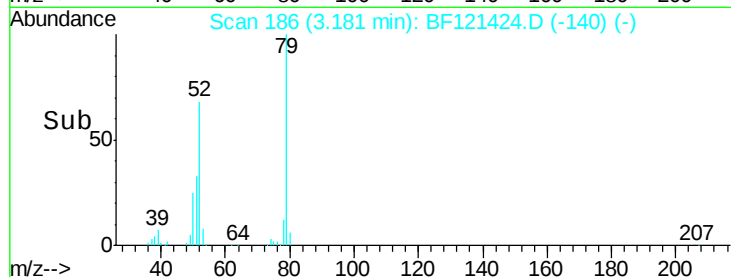
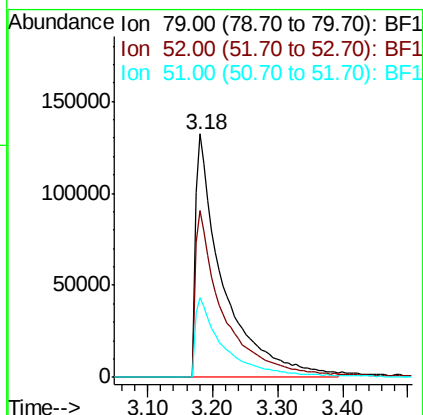
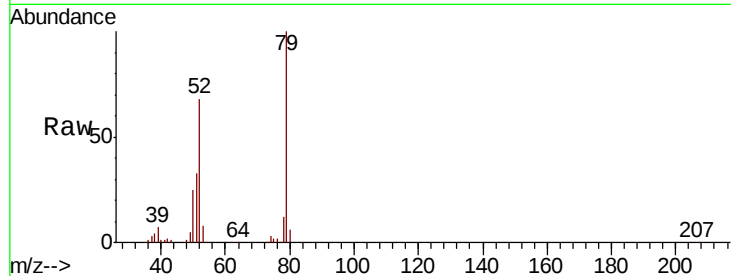




#3
 Pvridine
 Concen: 33.341 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.17 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

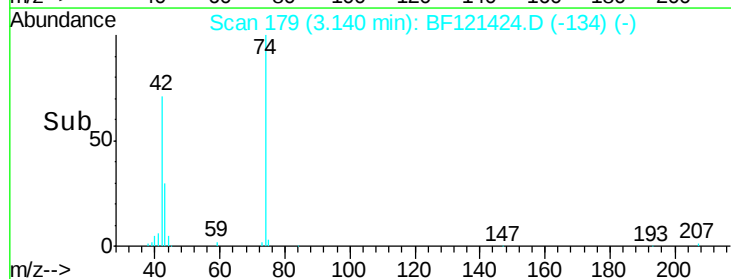
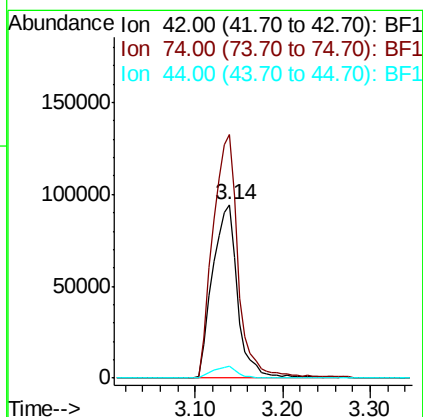
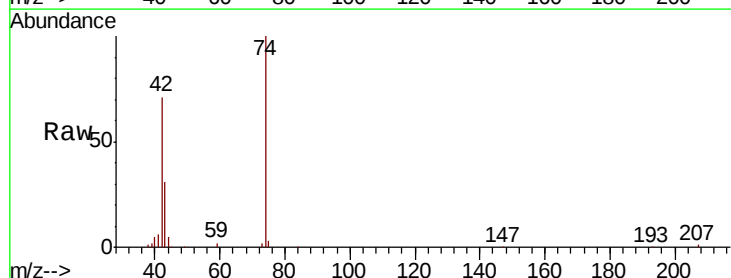
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

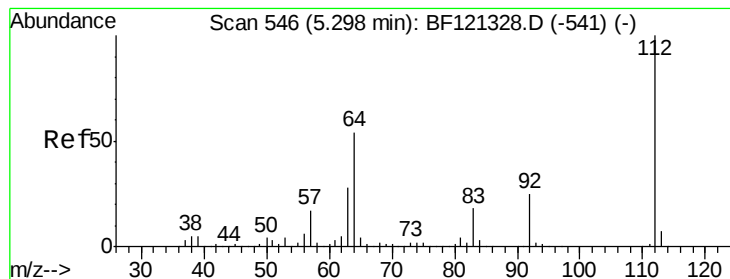
Tot Ion: 79 Resp: 387484
 Ion Ratio Lower Upper
 79 100
 52 68.4 54.6 82.0
 51 32.9 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 39.883 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.16 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion: 42 Resp: 188662
 Ion Ratio Lower Upper
 42 100
 74 140.1 114.2 171.2
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 96.041 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.03 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

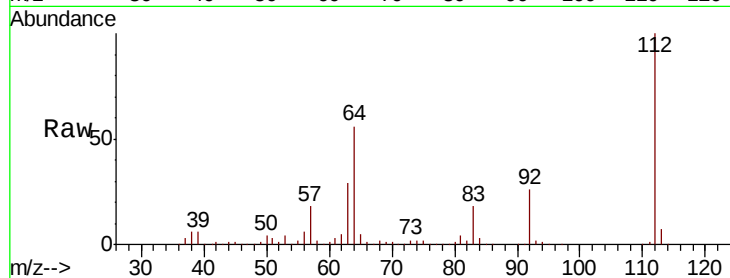
Instrument :

BNA_F

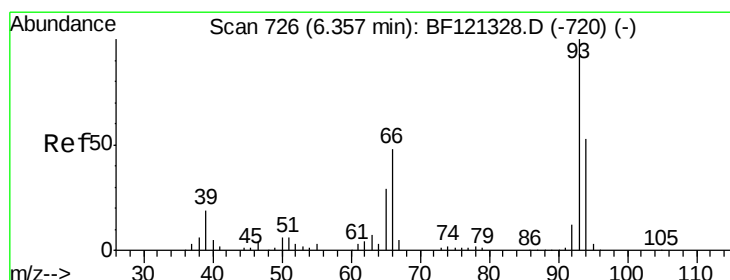
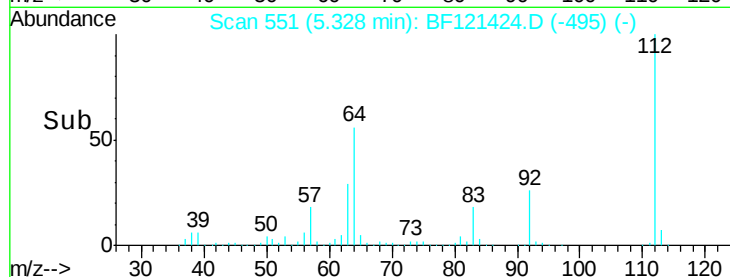
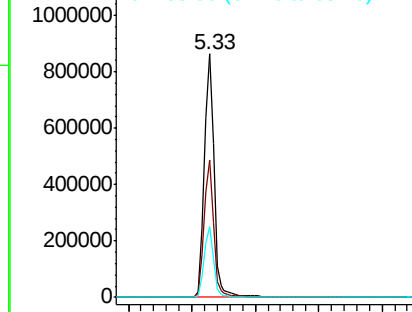
ClientSampleId :

PB131184BS

Tot Ion:	112	Resp:	919041
Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.5	65.3
63	29.2	22.0	33.0



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: 26.394 ng

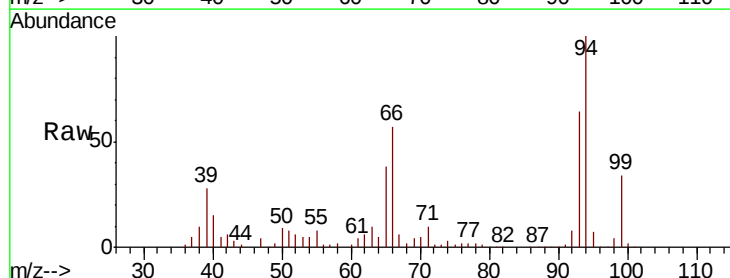
RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

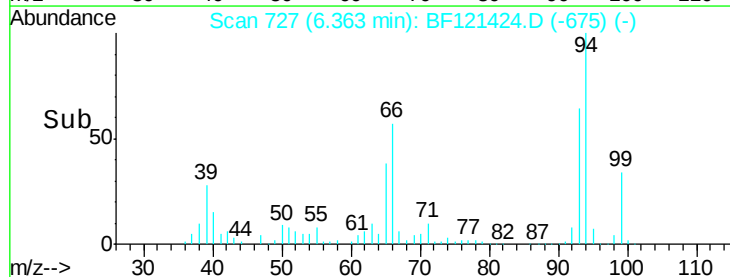
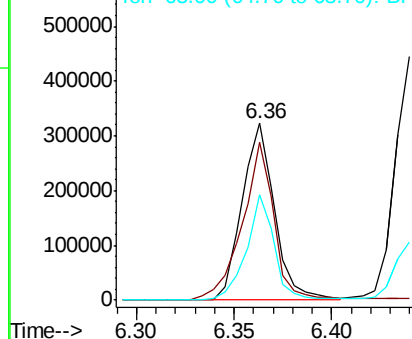
Lab File: BF121424.D

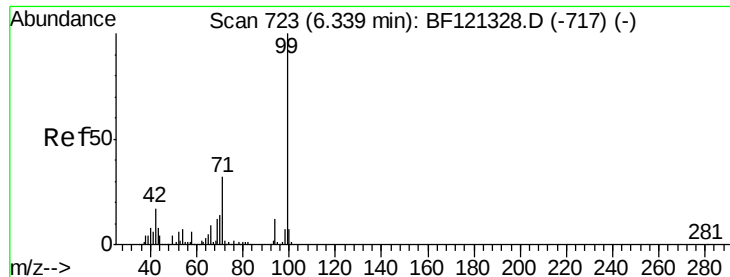
Acq: 25 Aug 2020 13:13

Tgt Ion:	93	Resp:	372307
Ion	Ratio	Lower	Upper
93	100		
66	89.0	40.2	60.2#
65	59.5	23.6	35.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.247 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

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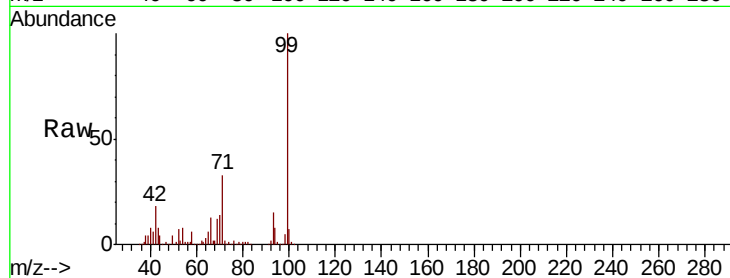
Tot Ion: 99 Resp: 1114668

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

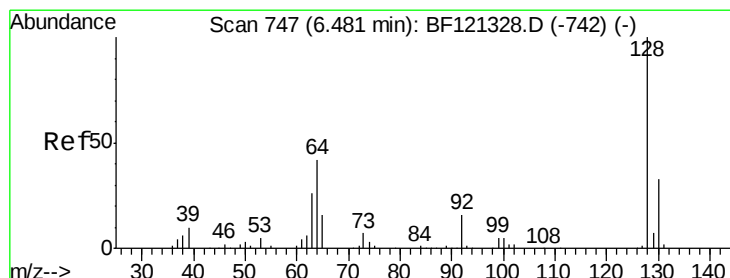
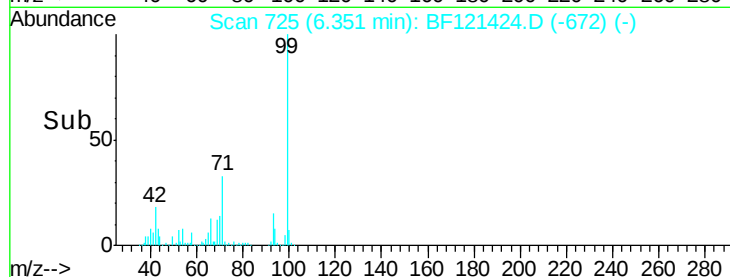
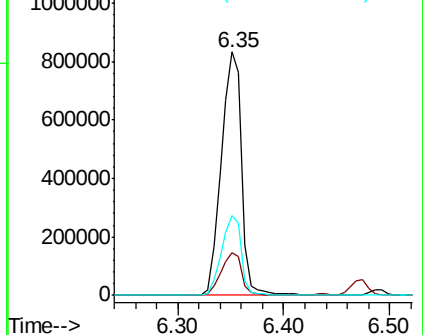
71 32.9 25.2 37.8



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: 39.447 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

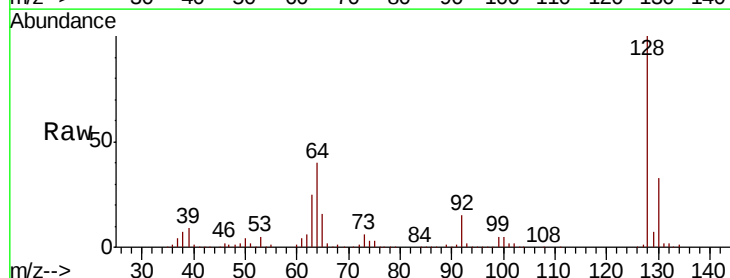
Tgt Ion: 128 Resp: 394531

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

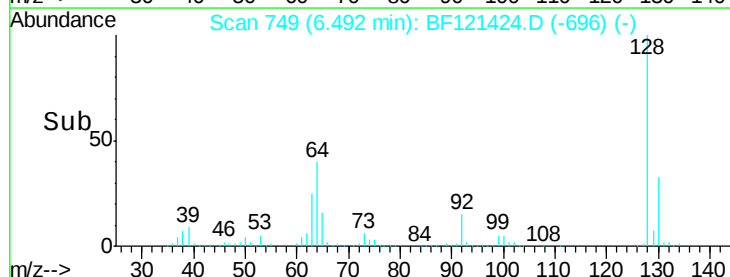
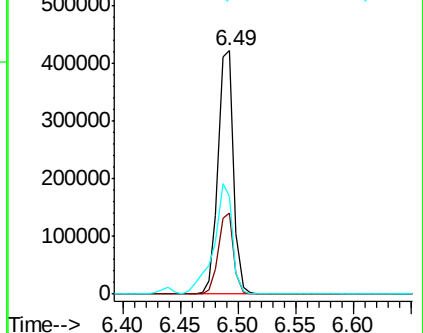
64 40.3 23.4 63.4

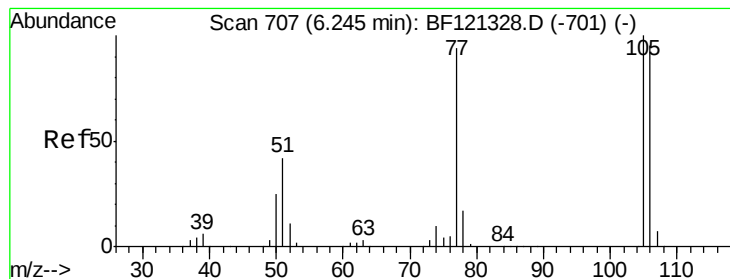


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.753 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

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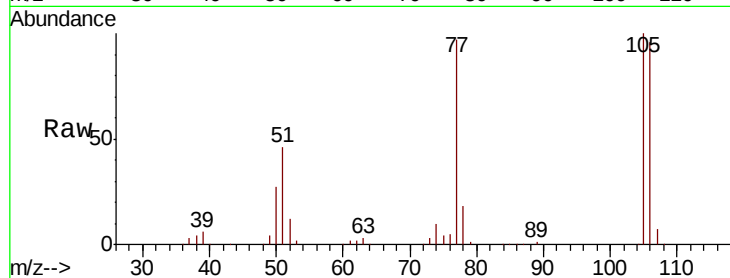
Tot Ion: 77 Resp: 238837

Ion Ratio Lower Upper

77 100

105 102.6 86.3 126.3

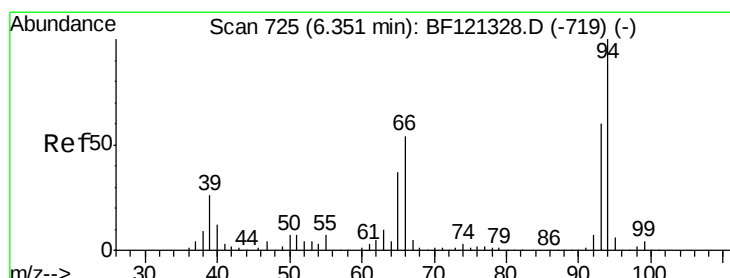
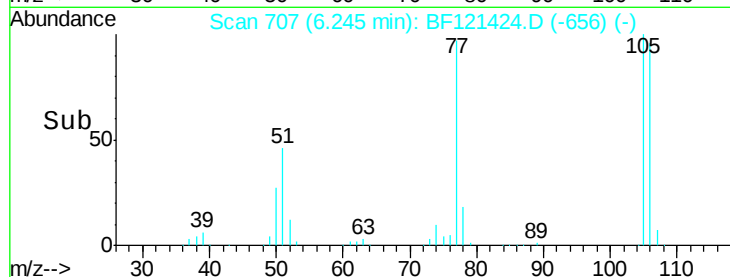
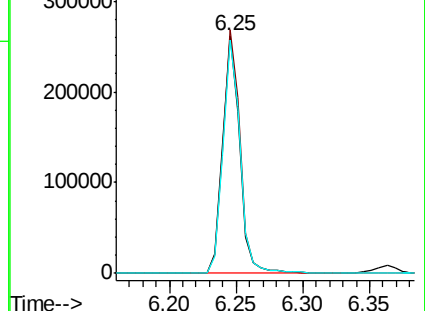
106 98.3 81.2 121.2



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: 35.963 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

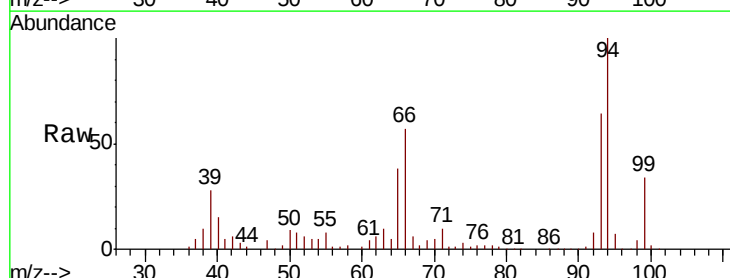
Tgt Ion: 94 Resp: 460651

Ion Ratio Lower Upper

94 100

65 38.3 16.6 56.6

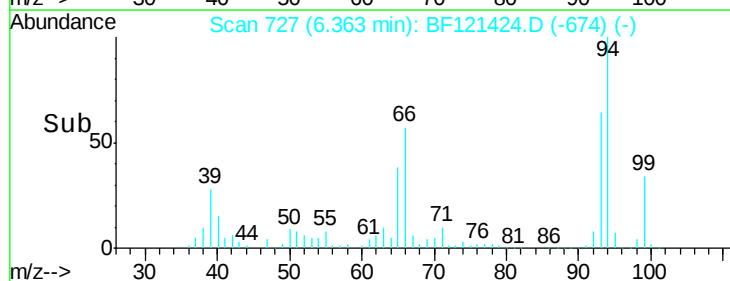
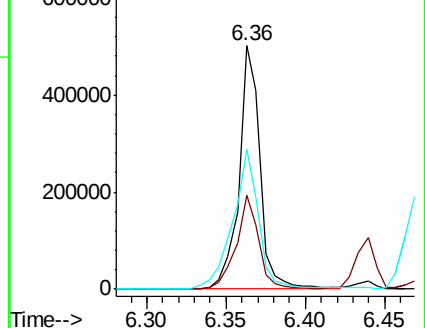
66 57.3 34.3 74.3

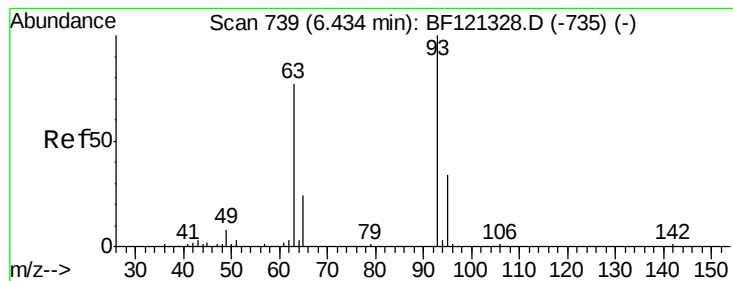


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.629 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

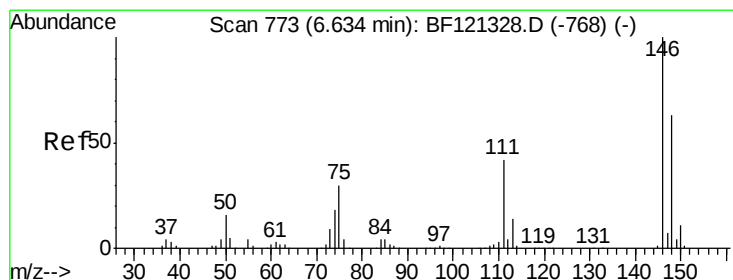
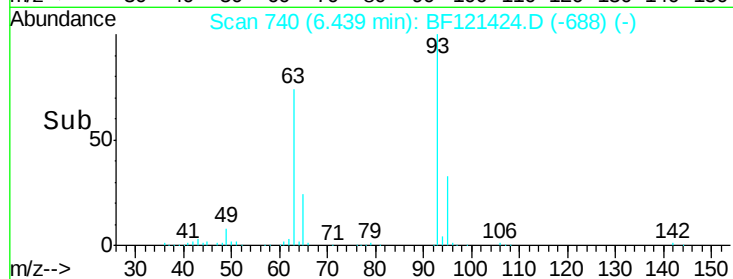
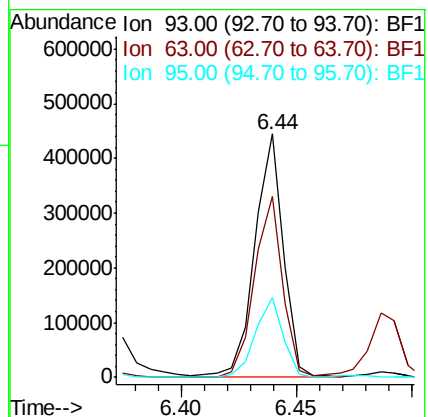
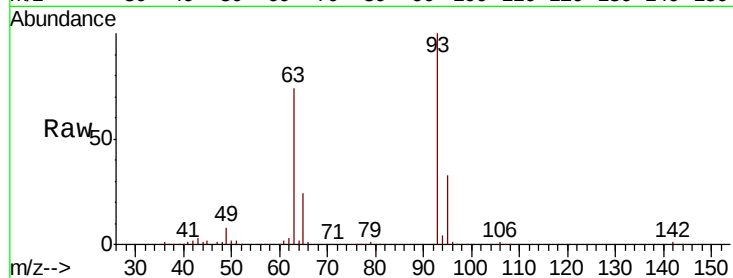
Tot Ion: 93 Resp: 381074

Ion Ratio Lower Upper

93 100

63 74.3 56.4 96.4

95 32.7 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 37.564 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

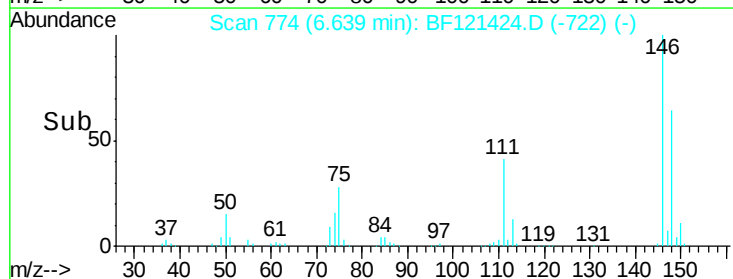
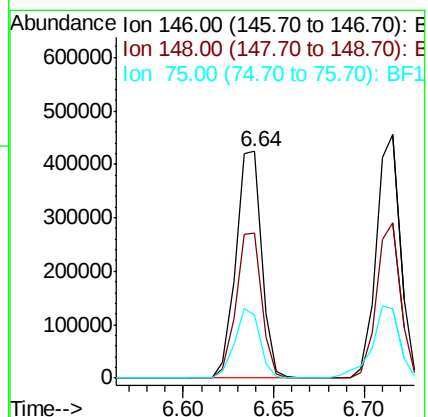
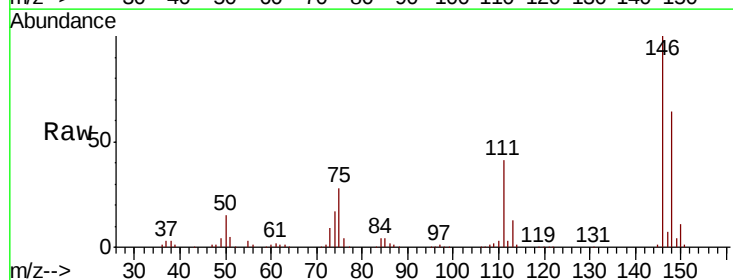
Tgt Ion: 146 Resp: 420922

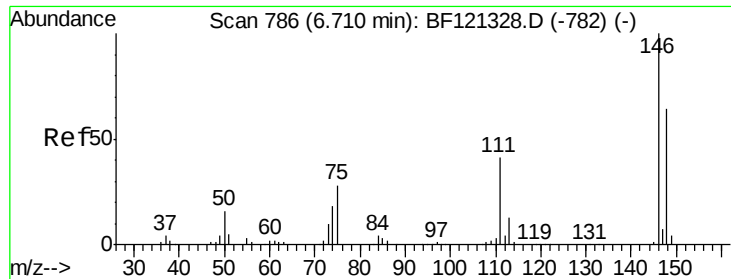
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

75 27.7 23.8 35.6

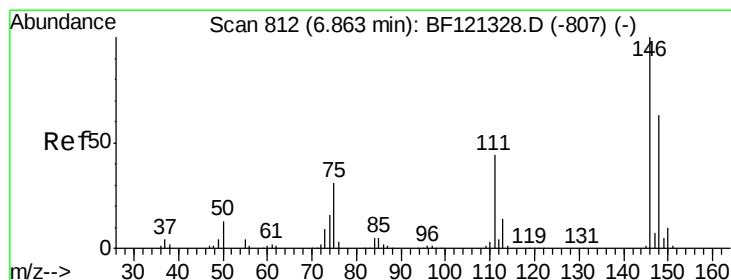
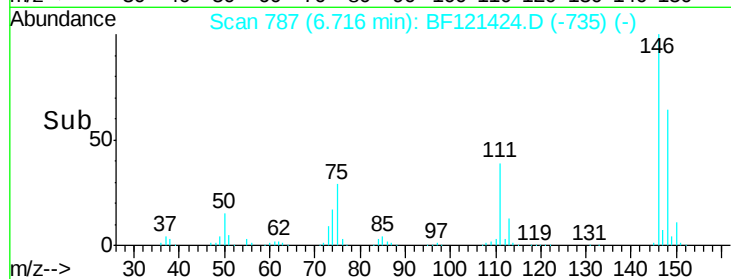
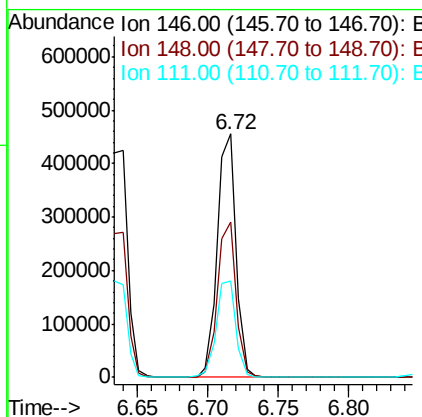
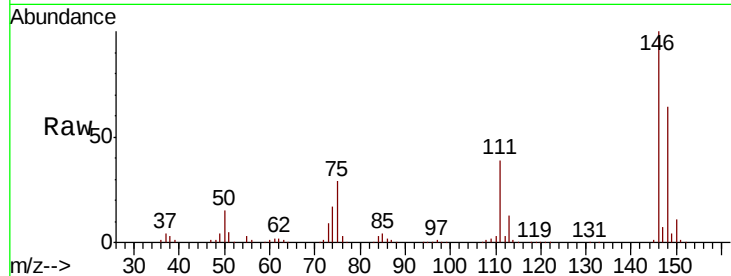




#13
 1,4-Dichlorobenzene
 Concen: 37.358 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

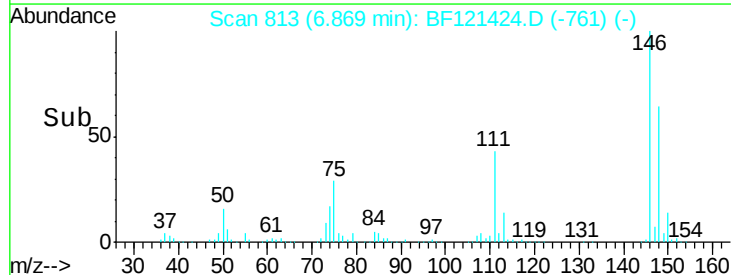
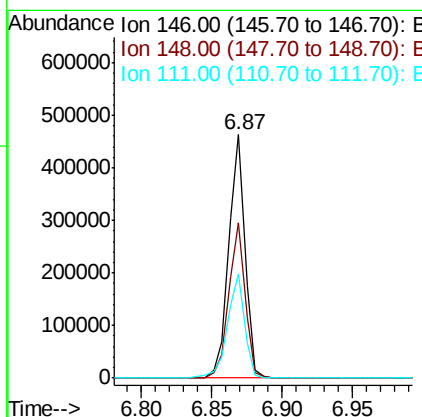
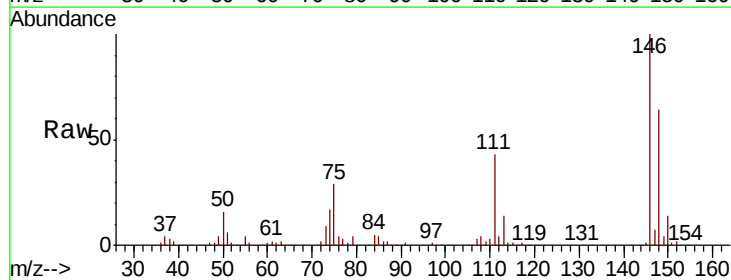
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

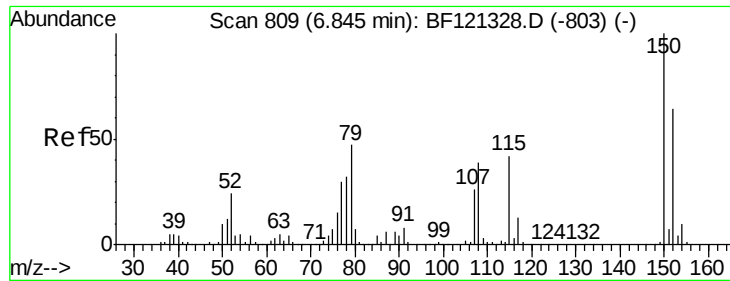
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	39.4	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 34.500 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	42.8	35.5	53.3

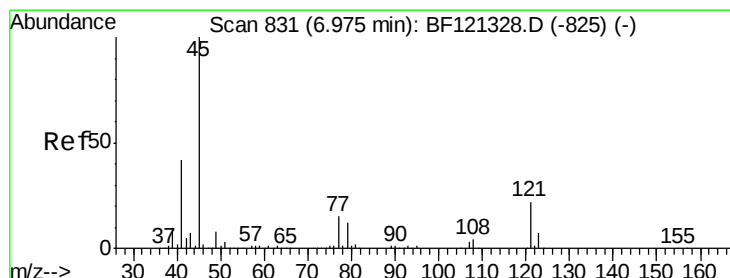
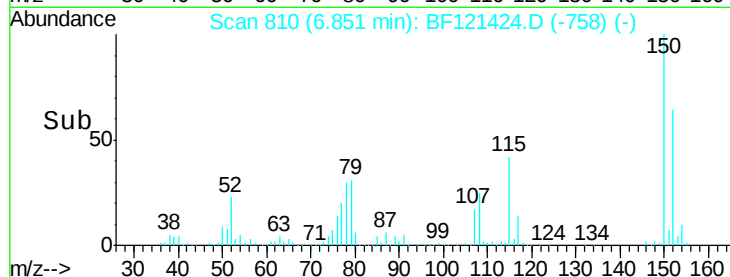
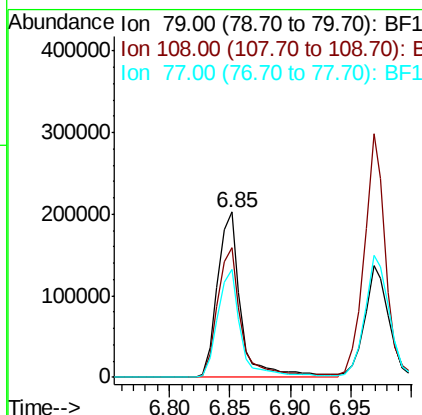
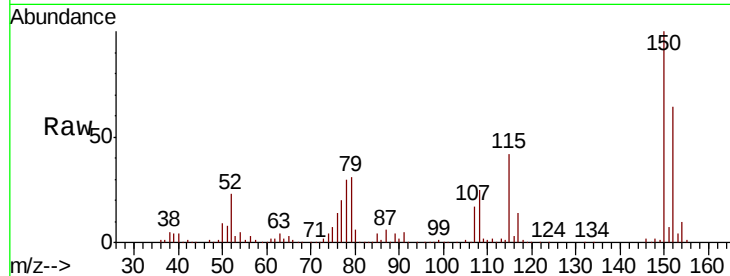




#15
Benzyl Alcohol
Concen: 36.889 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

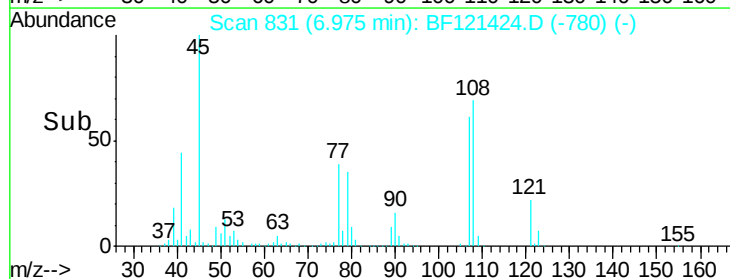
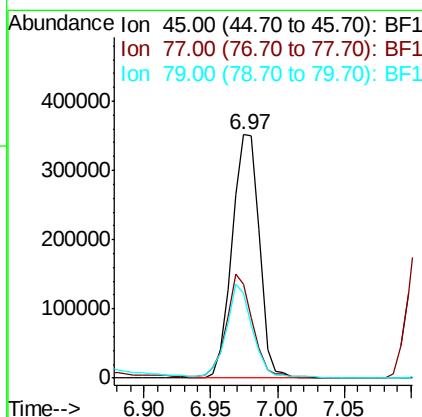
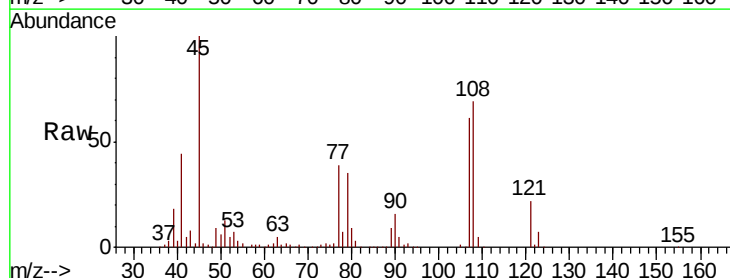
Instrument :
BNA_F
ClientSampleId :
PB131184BS

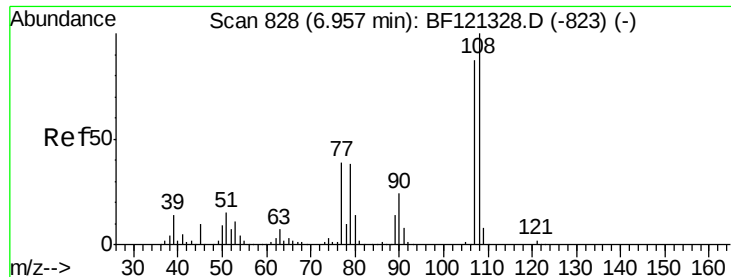
Tot Ion: 79 Resp: 271140
Ion Ratio Lower Upper
79 100
108 78.4 65.2 97.8
77 65.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.535 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion: 45 Resp: 501634
Ion Ratio Lower Upper
45 100
77 38.6 0.0 35.6#
79 34.7 0.0 32.5#





#17

2-Methylphenol

Concen: 38.929 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion:107 Resp: 321262

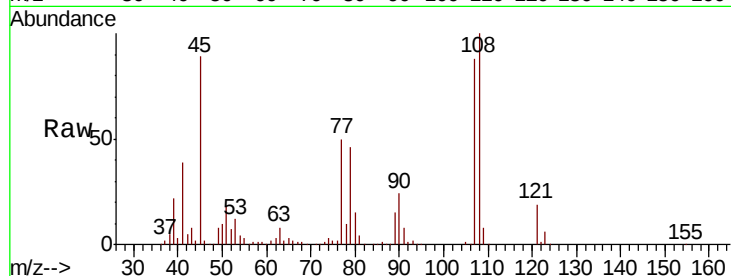
Ion Ratio Lower Upper

107 100

108 113.4 92.4 138.6

77 56.9 36.1 54.1#

79 51.8 35.0 52.6

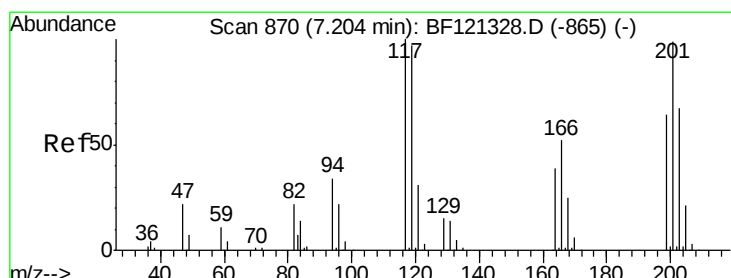
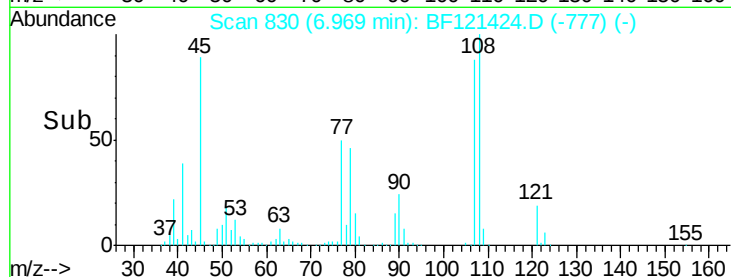
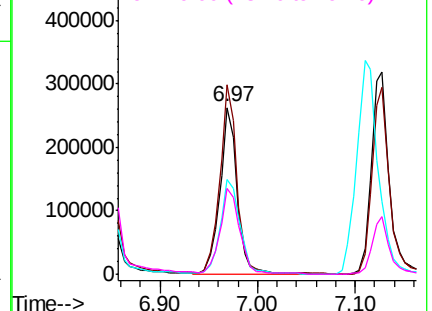


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.229 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

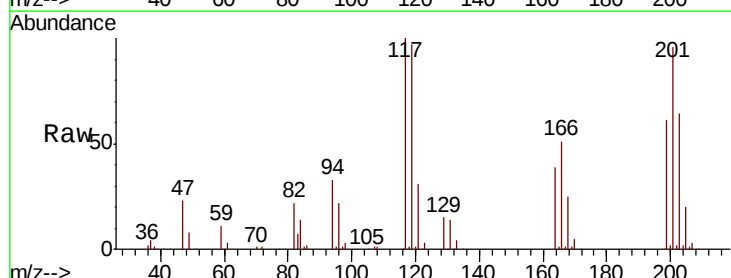
Tgt Ion:117 Resp: 156808

Ion Ratio Lower Upper

117 100

119 96.5 77.9 116.9

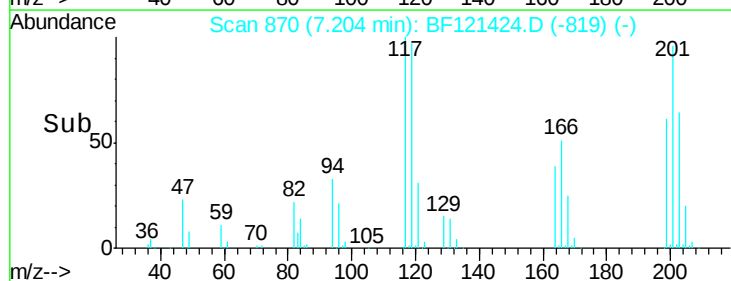
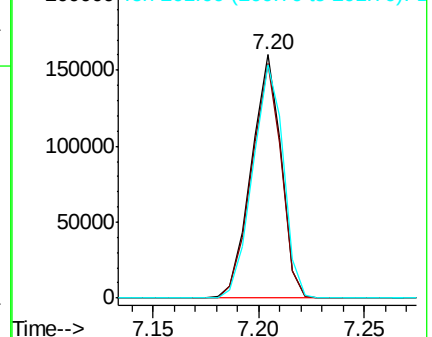
201 95.9 79.4 119.0

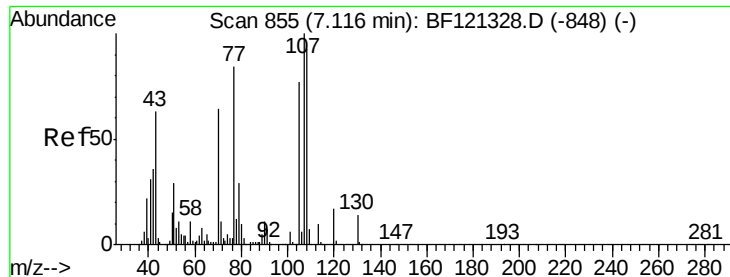


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

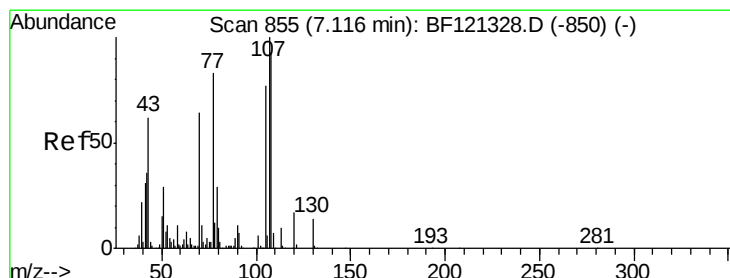
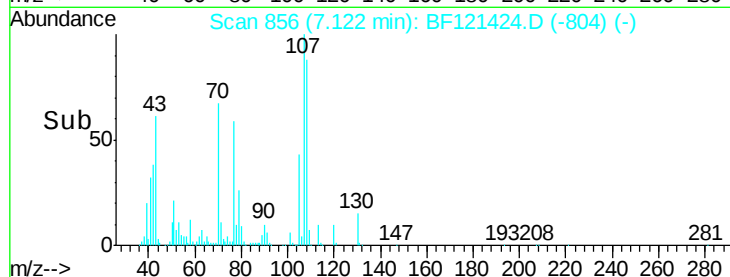
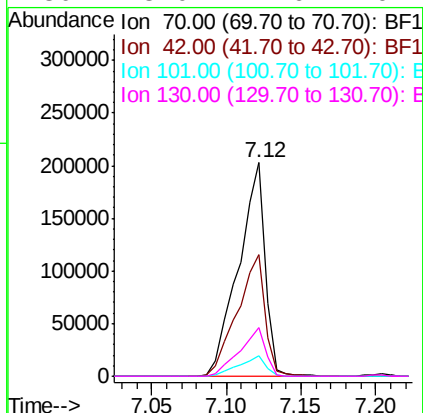
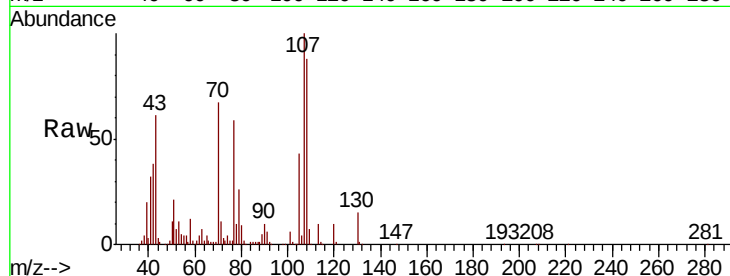




#19
n-Nitroso-di-n-propylamine
Concen: 38.467 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

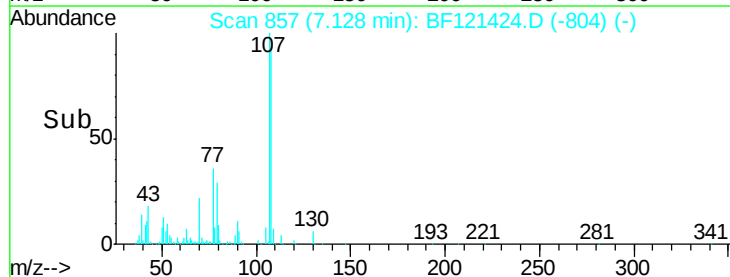
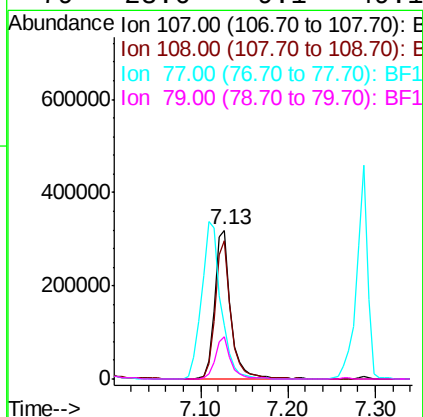
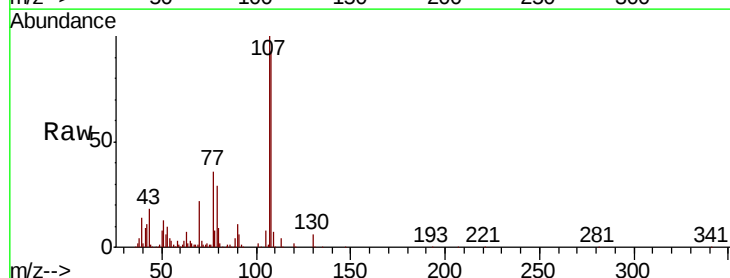
Instrument :
BNA_F
ClientSampleId :
PB131184BS

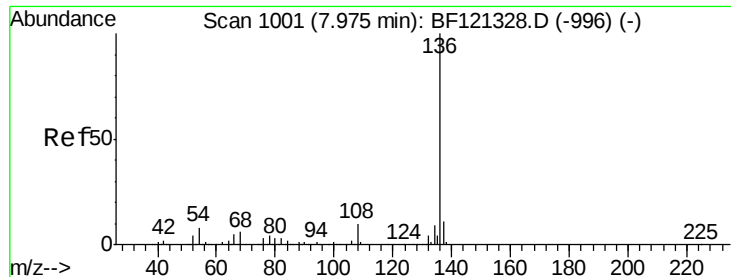
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.0	45.2	67.8	
101	9.7	7.7	11.5	
130	23.0	17.6	26.4	



#20
3+4-Methylphenols
Concen: 49.909 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	72.6	112.6	
77	36.1	63.8	103.8	
79	28.6	9.1	49.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion:136 Resp: 612953

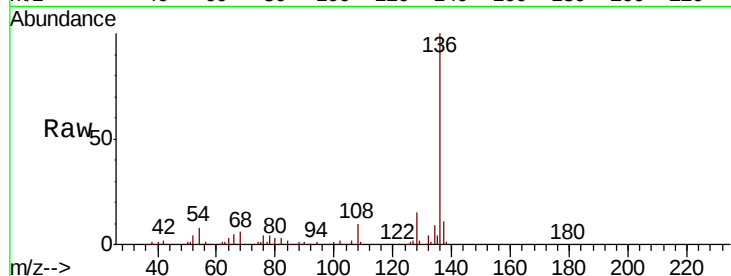
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.1 9.1

68 5.9 5.0 7.4

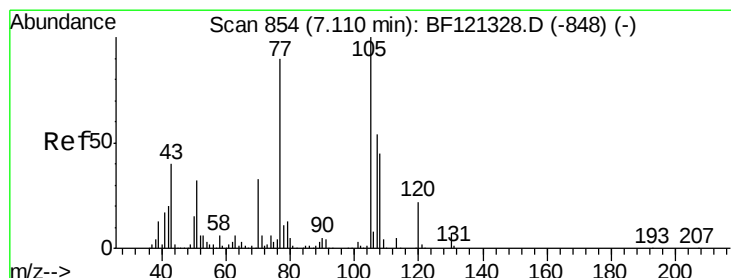
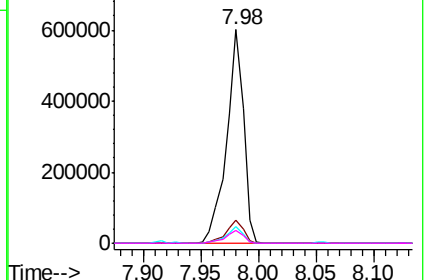
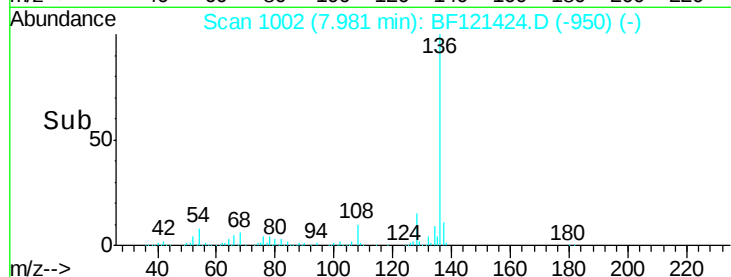


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.581 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:105 Resp: 538545

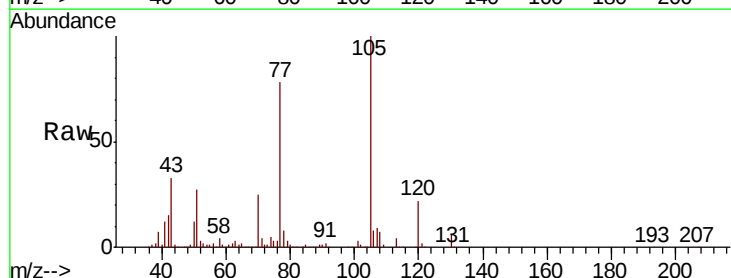
Ion Ratio Lower Upper

105 100

71 4.2 4.5 6.7#

51 27.1 25.4 38.0

120 22.5 17.6 26.4

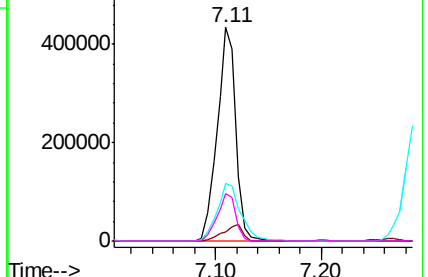
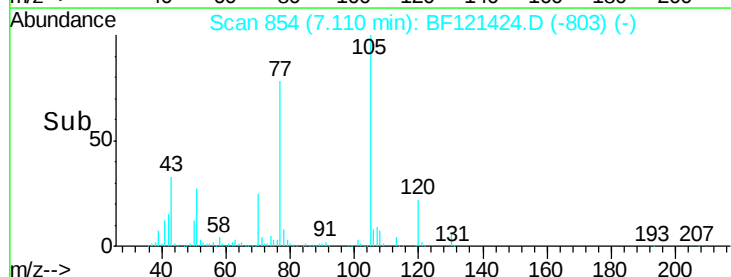


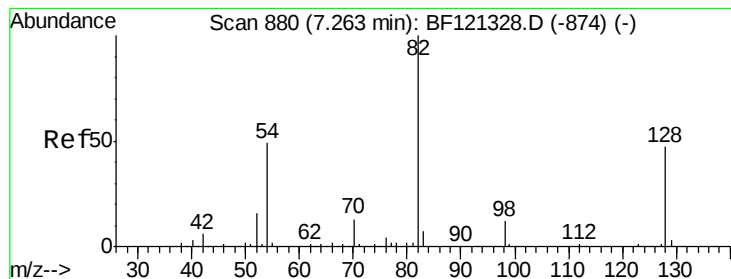
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.108 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

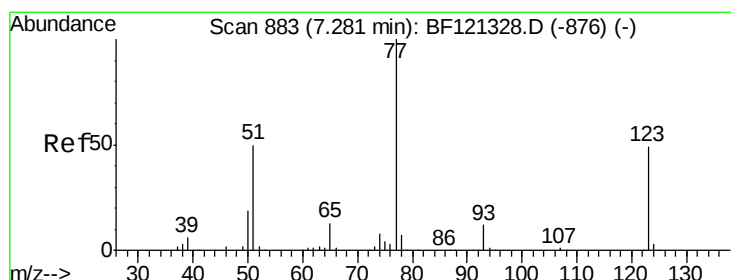
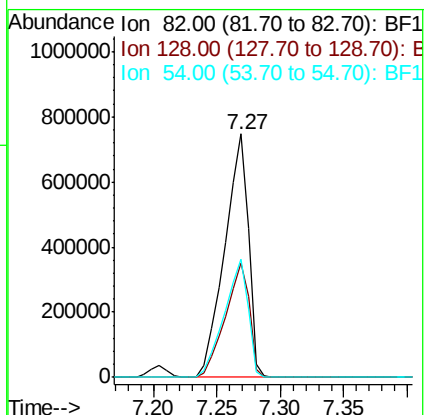
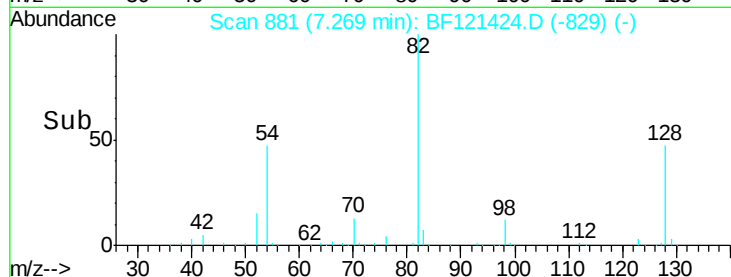
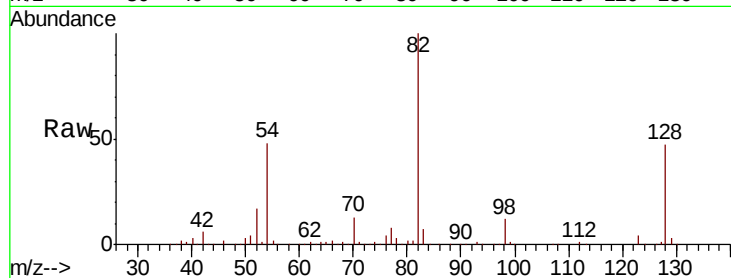
Tot Ion: 82 Resp: 965747

Ion Ratio Lower Upper

82 100

128 46.9 37.9 56.9

54 48.3 39.0 58.4



#24

Nitrobenzene

Concen: 36.306 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

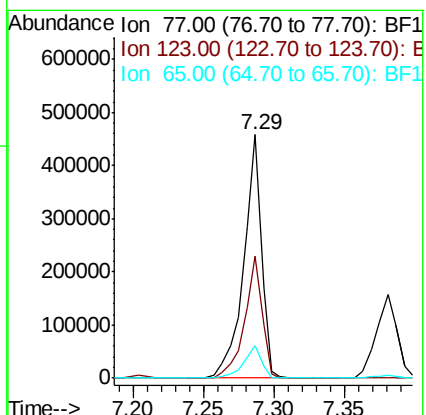
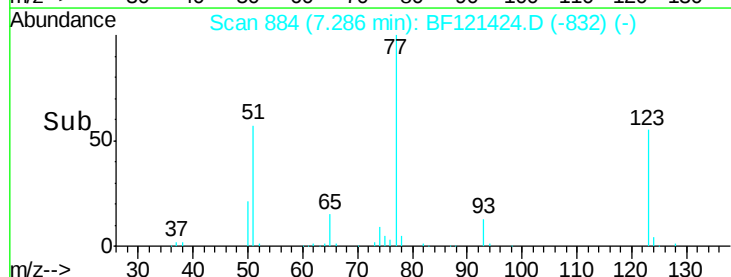
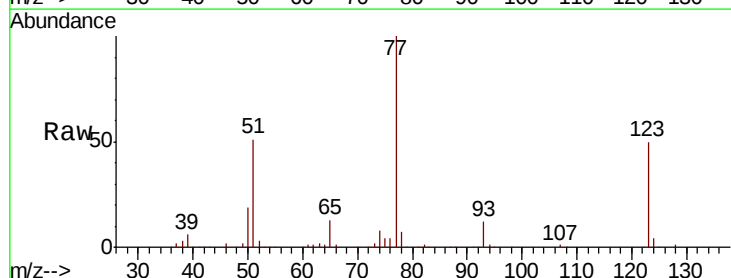
Tgt Ion: 77 Resp: 401039

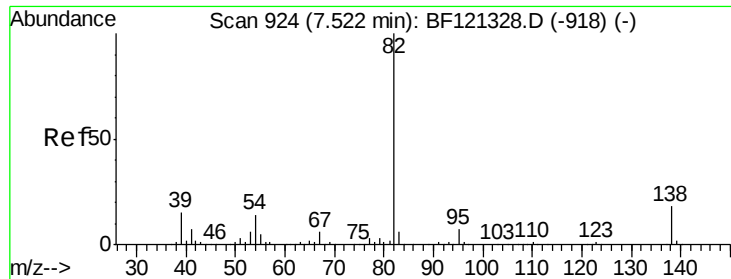
Ion Ratio Lower Upper

77 100

123 50.1 39.2 58.8

65 13.2 10.6 15.8





#25

Isophorone

Concen: 37.398 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

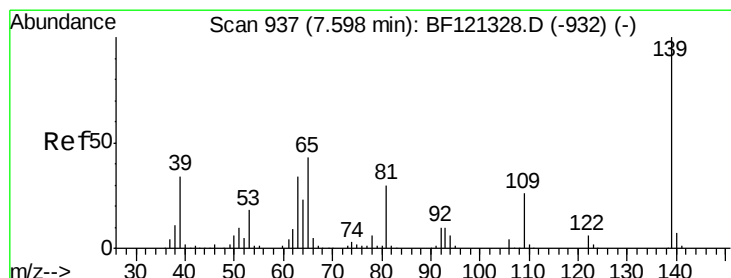
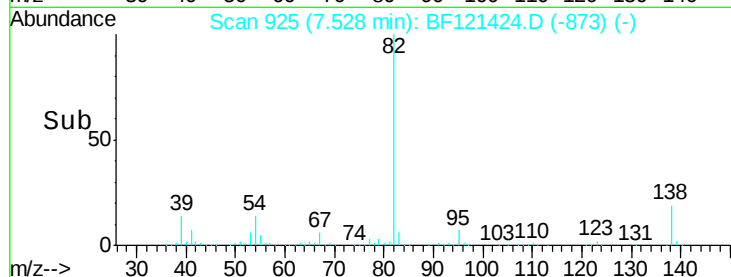
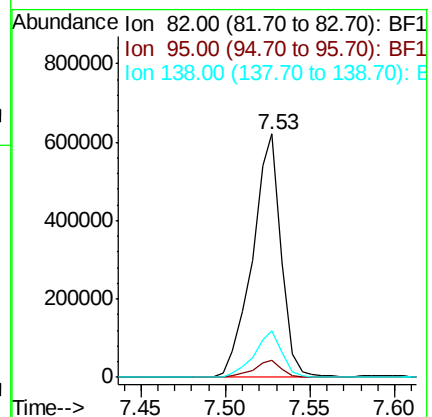
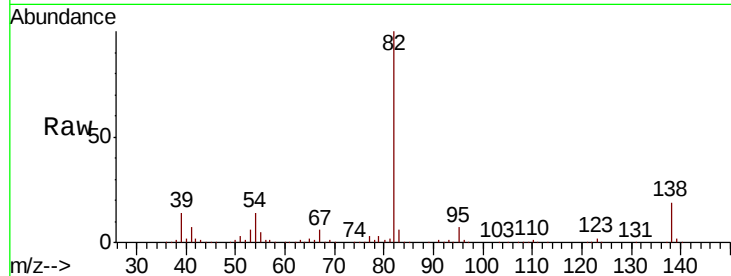
Tot Ion: 82 Resp: 737618

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.2 14.6 21.8



#26

2-Nitrophenol

Concen: 39.465 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

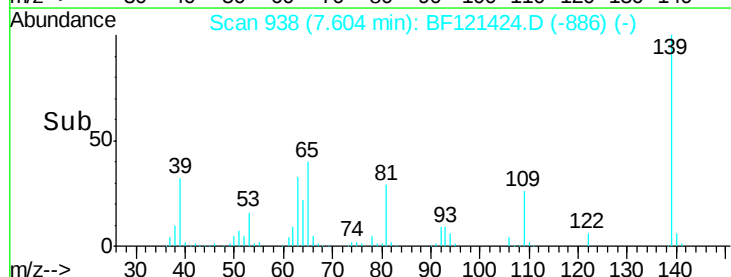
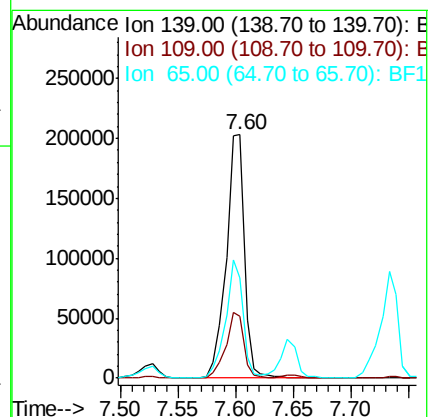
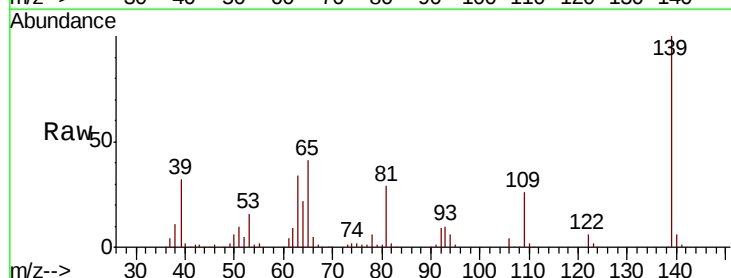
Tgt Ion: 139 Resp: 223574

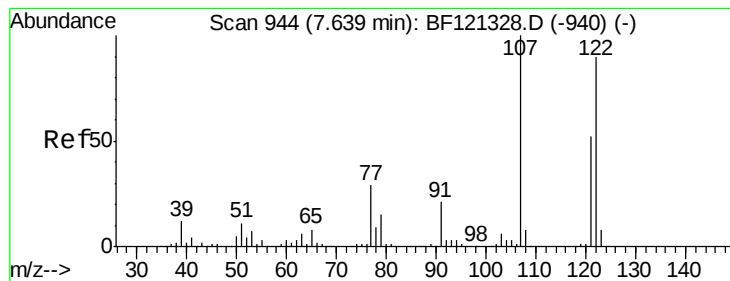
Ion Ratio Lower Upper

139 100

109 25.6 21.1 31.7

65 40.9 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 43.357 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

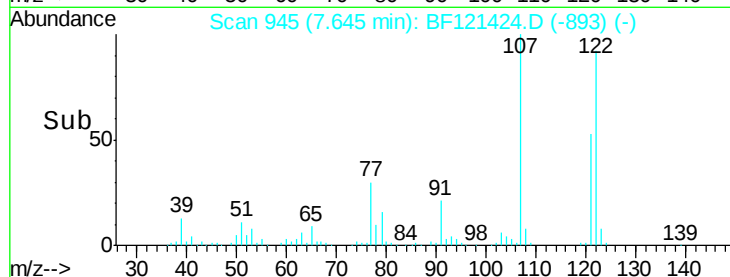
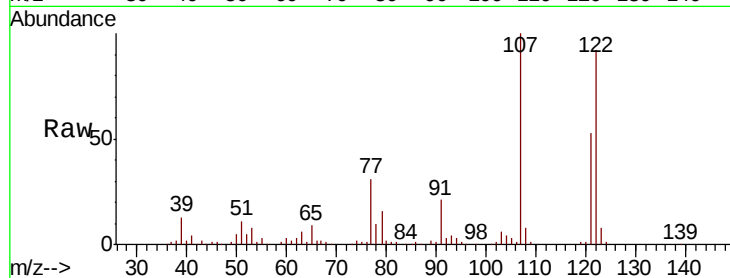
Tot Ion:122 Resp: 350486

Ion Ratio Lower Upper

122 100

107 109.2 89.0 133.4

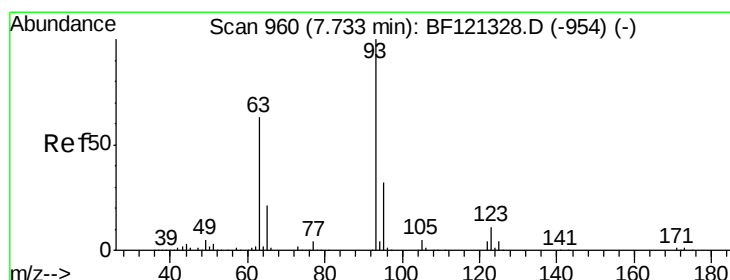
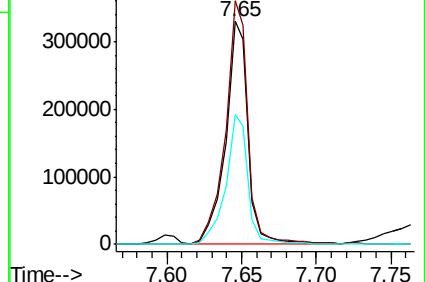
121 58.0 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.123 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

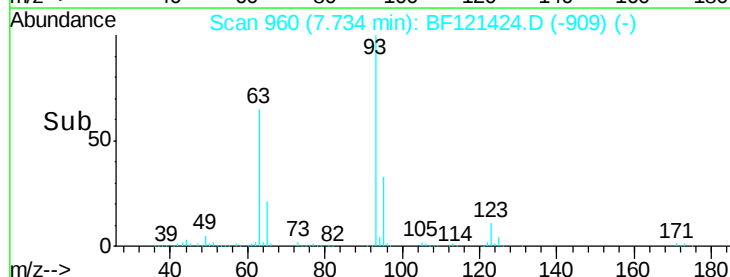
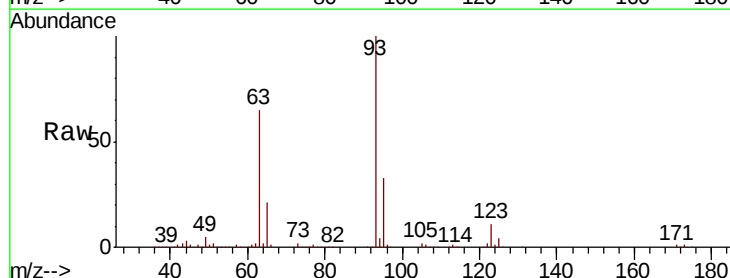
Tgt Ion: 93 Resp: 471572

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.8

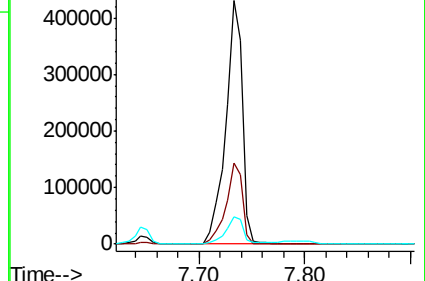
123 11.4 9.0 13.6

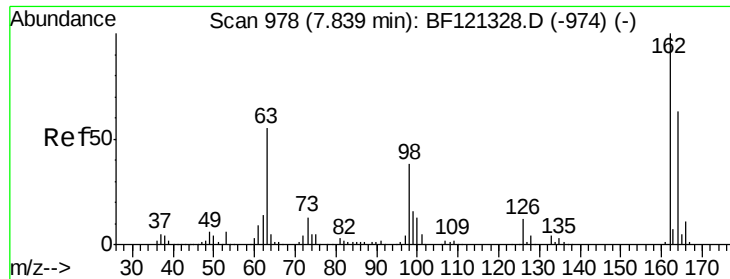


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

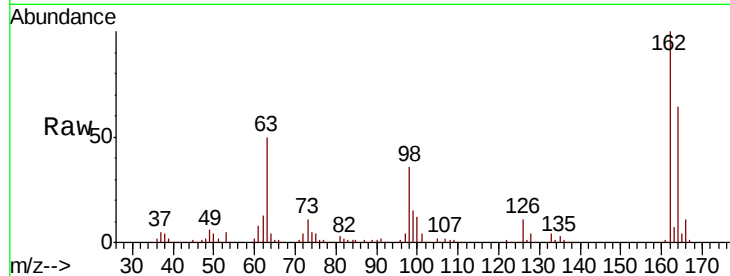




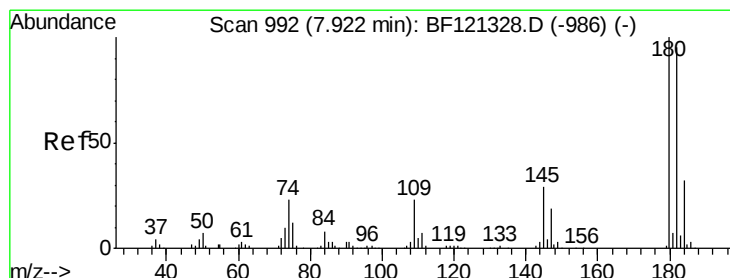
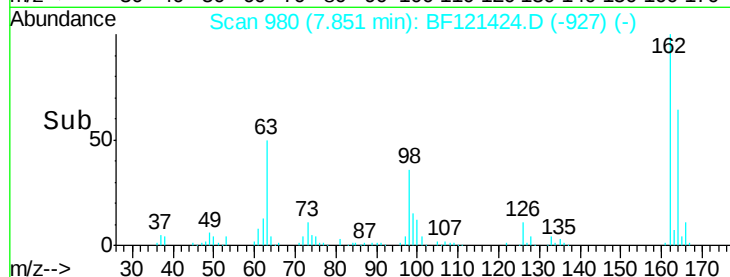
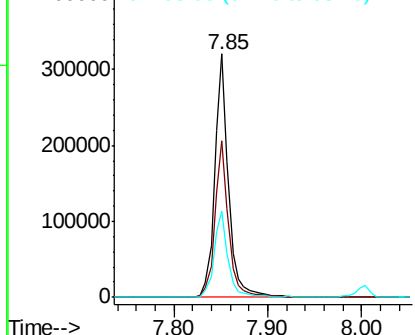
#29
2,4-Dichlorophenol
Concen: 37.673 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.4	83.4
98	35.5	18.1	58.1

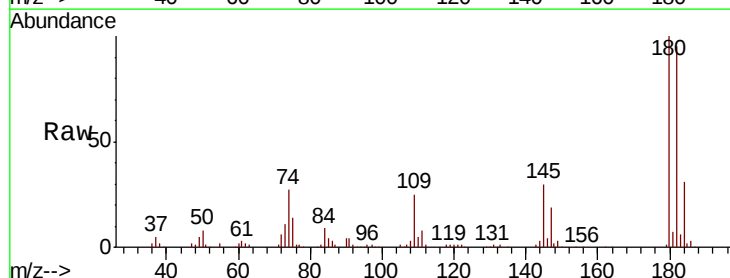


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

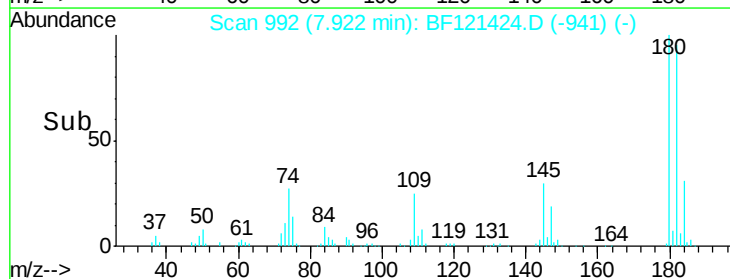
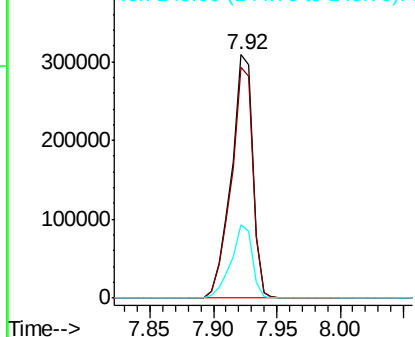


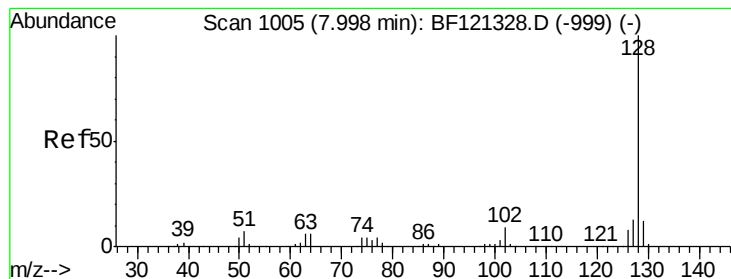
#30
1,2,4-Trichlorobenzene
Concen: 35.783 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.9	113.9
145	30.2	23.2	34.8



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: 36.675 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampled :

PB131184BS

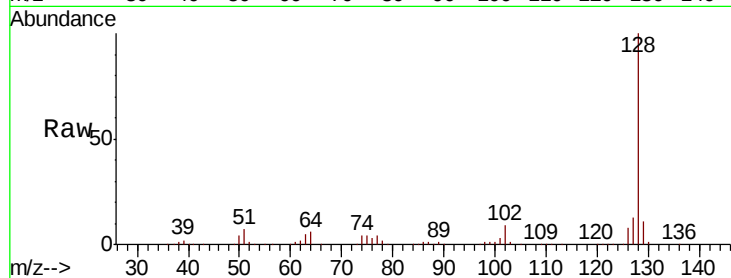
Tot Ion:128 Resp: 1118802

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

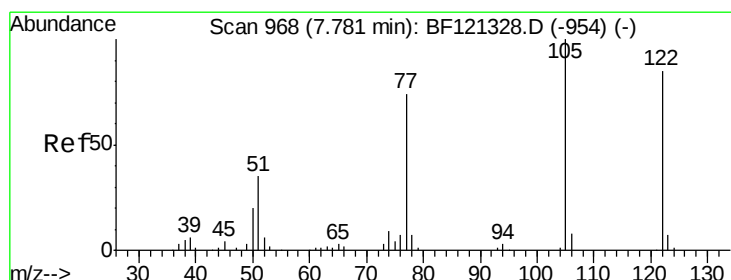
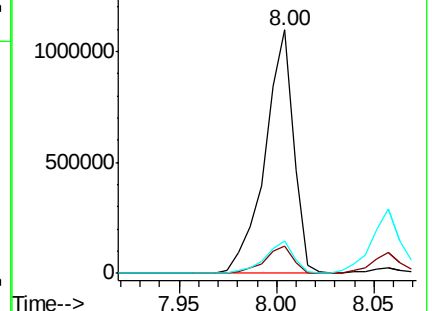
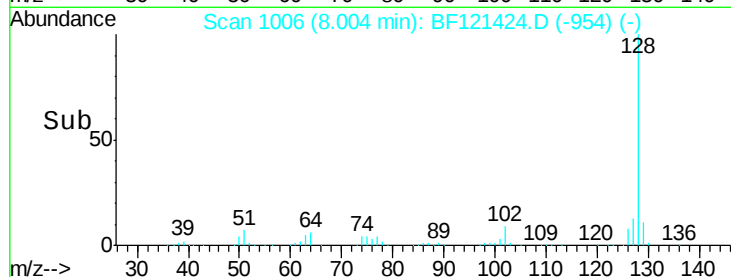
127 13.5 10.6 16.0



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: 33.050 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

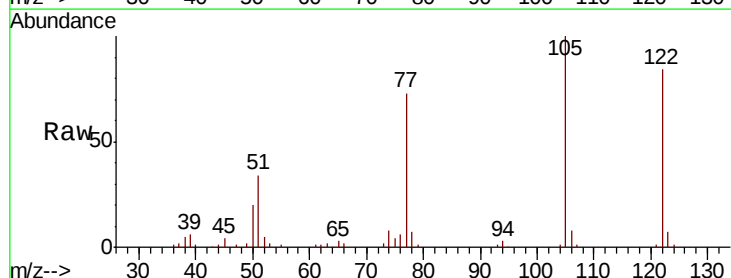
Tgt Ion:122 Resp: 192569

Ion Ratio Lower Upper

122 100

105 119.2 96.7 136.7

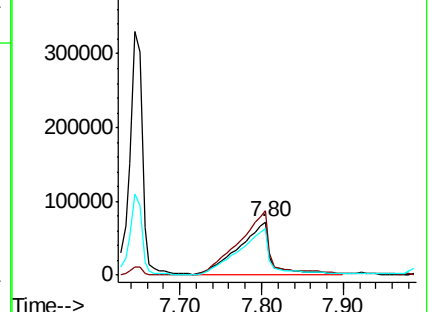
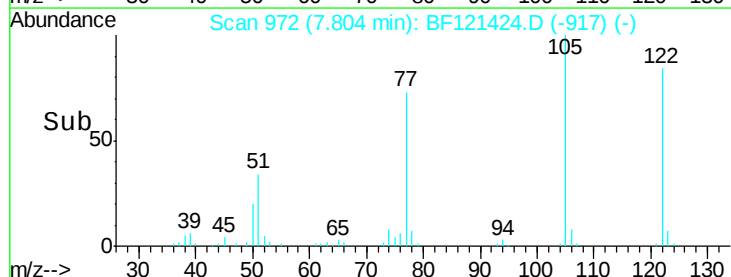
77 87.4 66.7 106.7



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

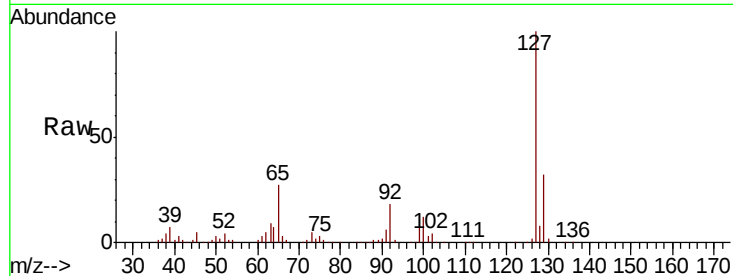




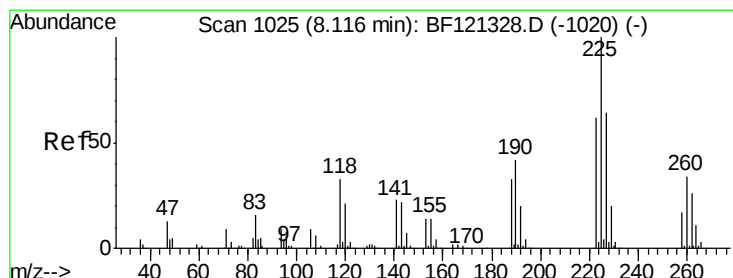
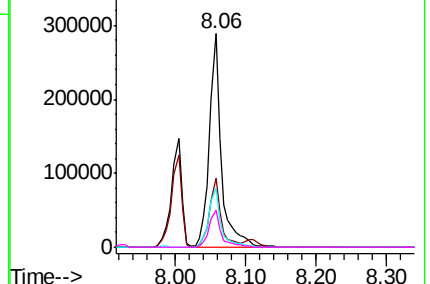
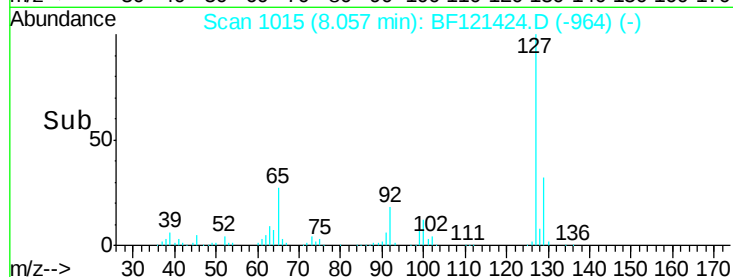
#33
4-Chloroaniline
Concen: 25.234 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion:	127	Resp:	340874
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	27.3	20.9	31.3
92	17.5	13.8	20.8

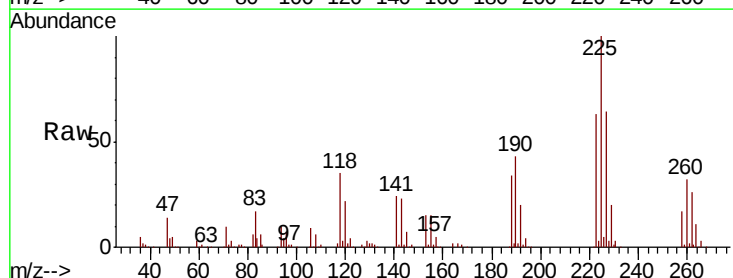


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

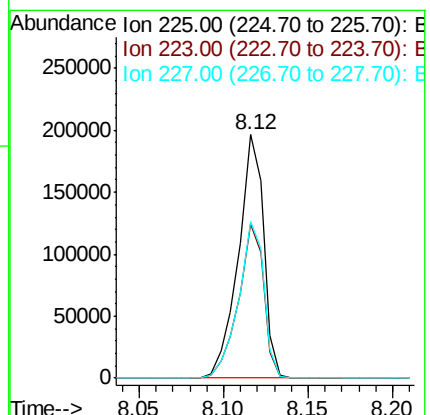
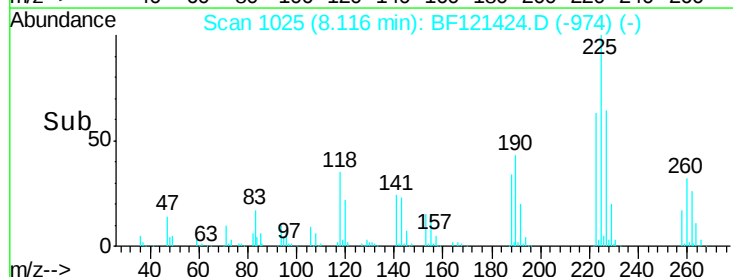


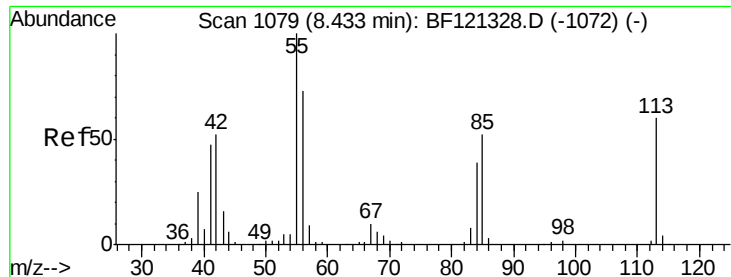
#34
Hexachlorobutadiene
Concen: 34.367 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:	225	Resp:	205268
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	64.1	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

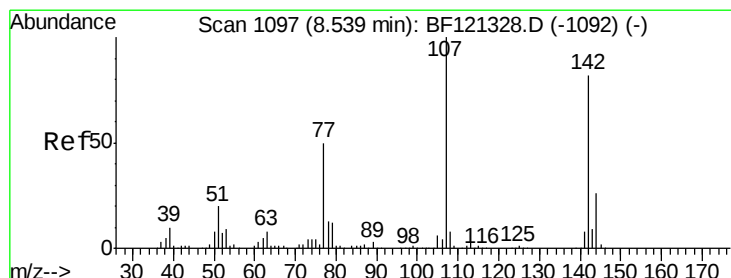
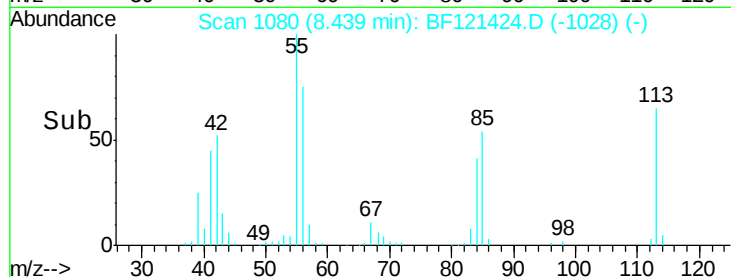
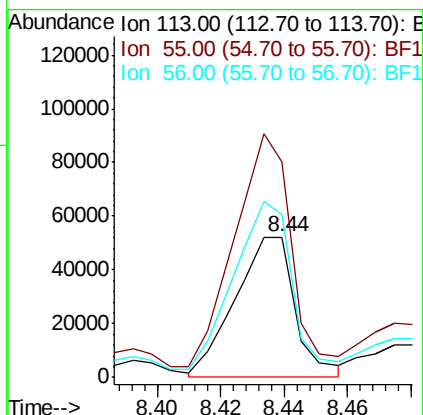
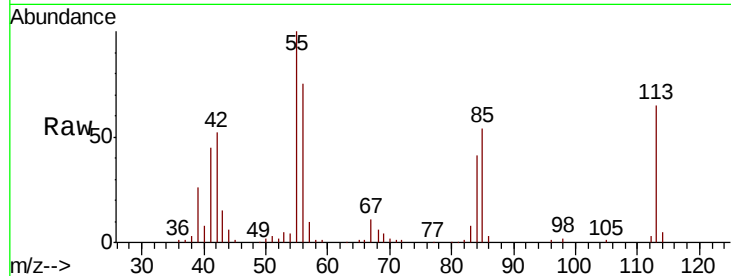




#35
 Caprolactam
 Concen: 23.907 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

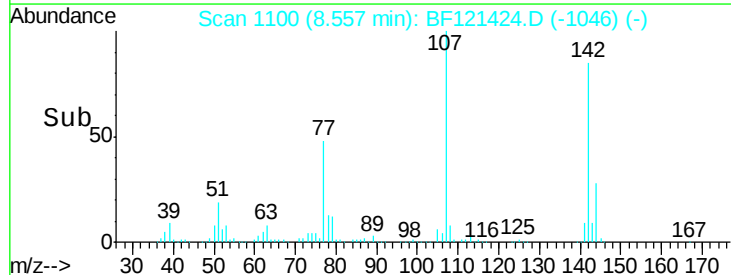
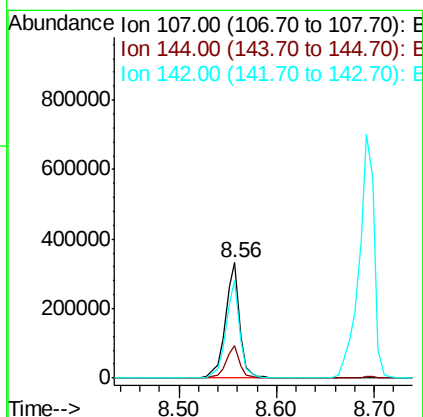
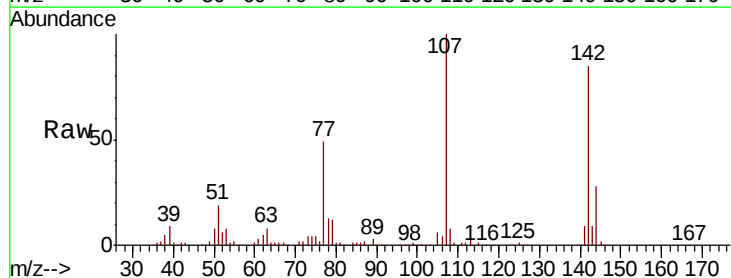
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

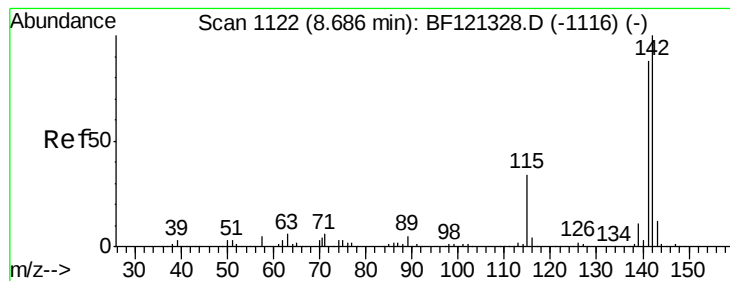
Tot Ion:113 Resp: 69102
 Ion Ratio Lower Upper
 113 100
 55 153.8 147.9 187.9
 56 116.1 102.4 142.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.827 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:107 Resp: 337650
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.1 31.7
 142 84.9 65.6 98.4





#37

2-Methylnaphthalene

Concen: 38.141 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

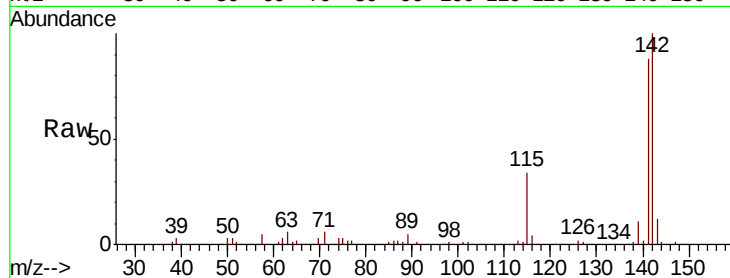
Tot Ion:142 Resp: 754157

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5

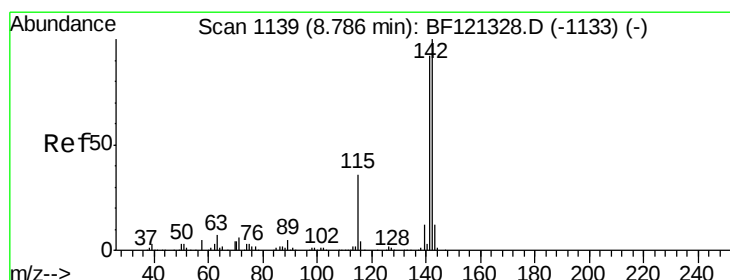
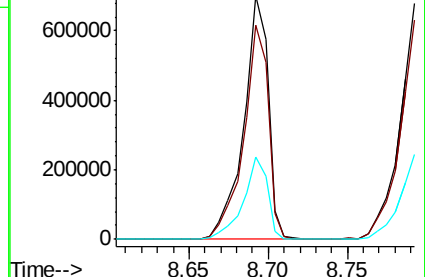
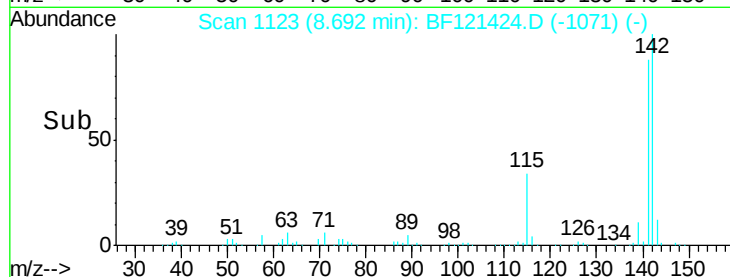
115 33.8 26.9 40.3



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: 37.125 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

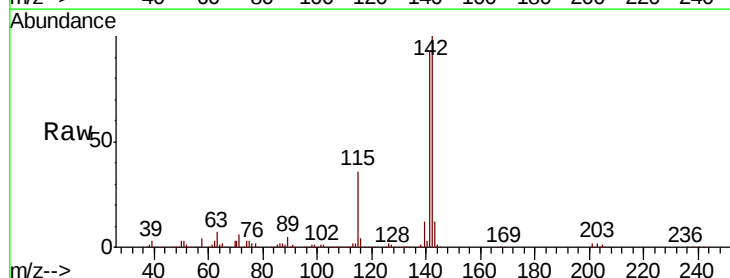
Tgt Ion:142 Resp: 697977

Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4

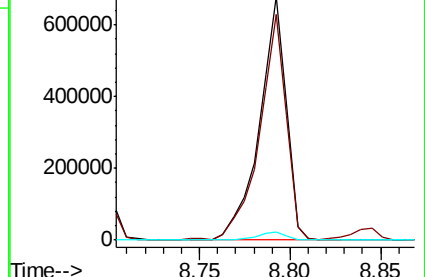
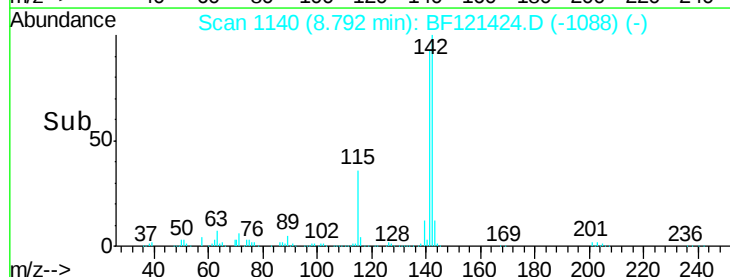
116 3.5 3.0 4.4

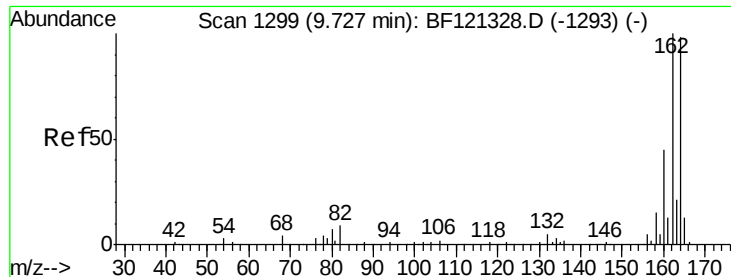


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

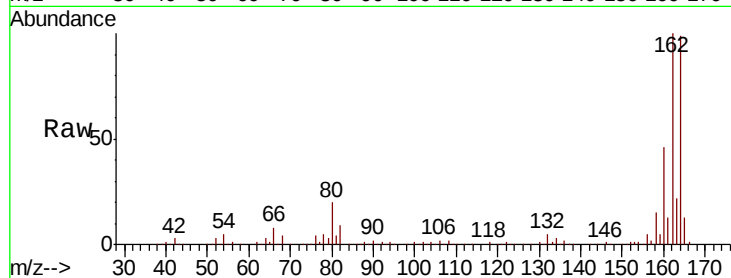
Tot Ion:164 Resp: 320514

Ion Ratio Lower Upper

164 100

162 100.6 81.7 122.5

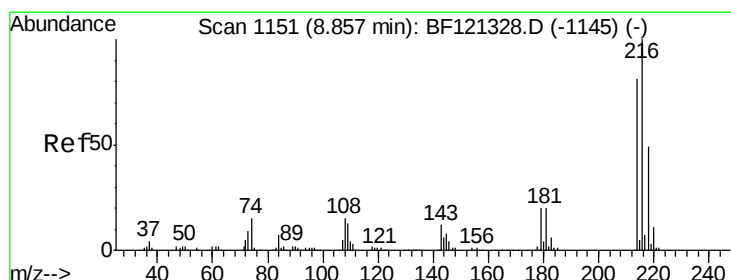
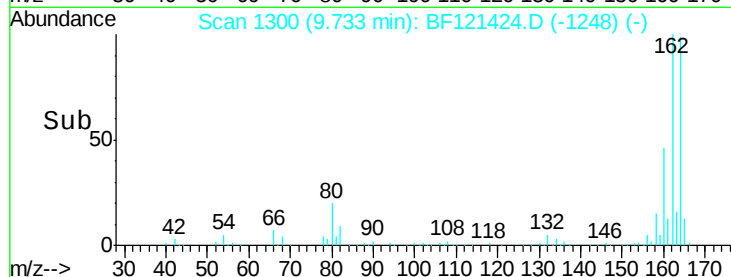
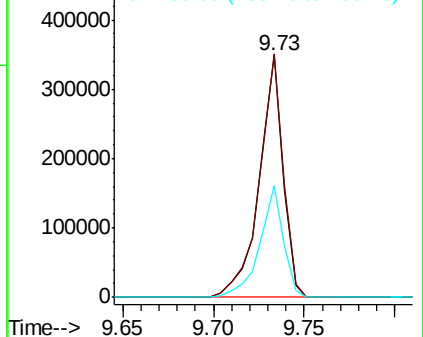
160 45.9 37.0 55.4



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: 36.865 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:216 Resp: 350692

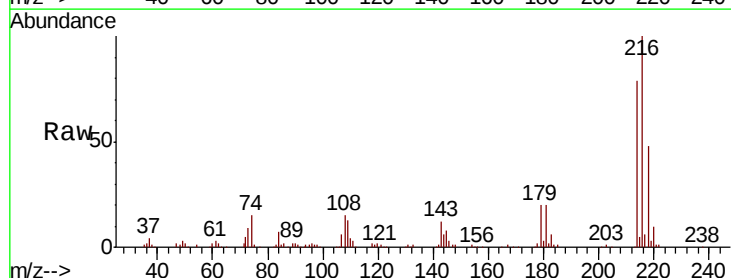
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 20.4 16.4 24.6

108 19.3 14.2 21.4

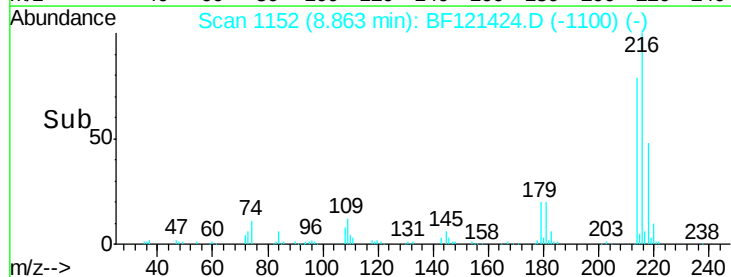
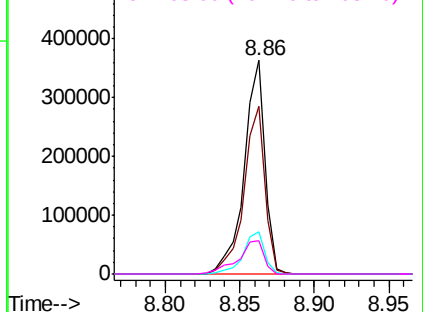


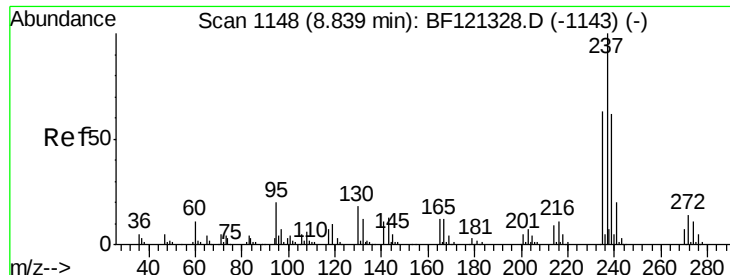
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

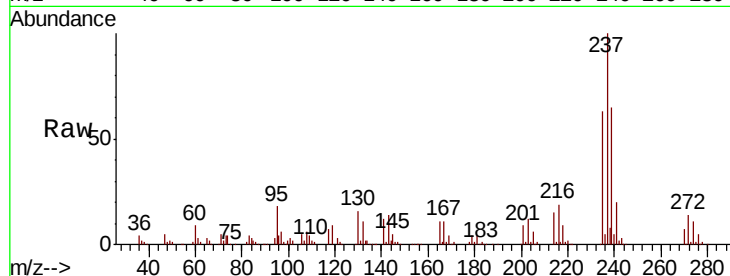




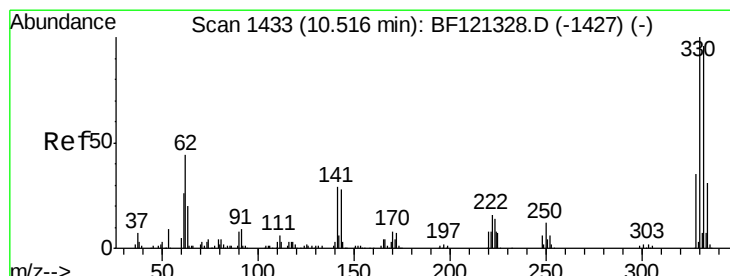
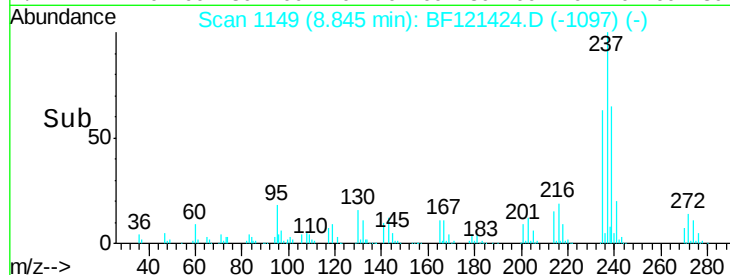
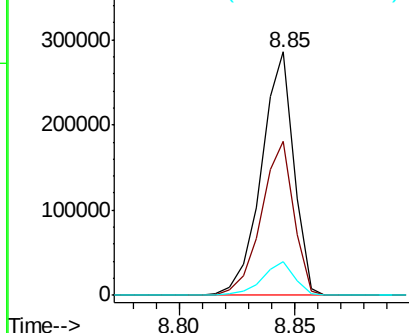
#41
Hexachlorocyclopentadiene
Concen: 74.636 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion:237 Resp: 279499
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 14.0 0.0 33.7

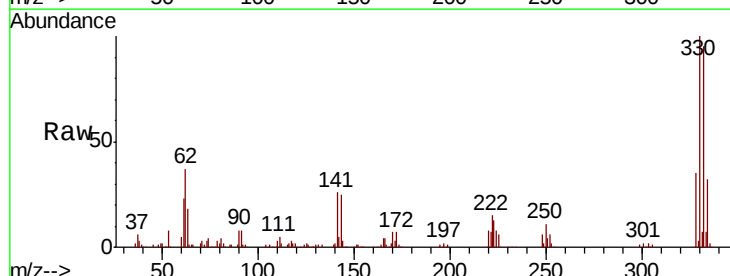


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

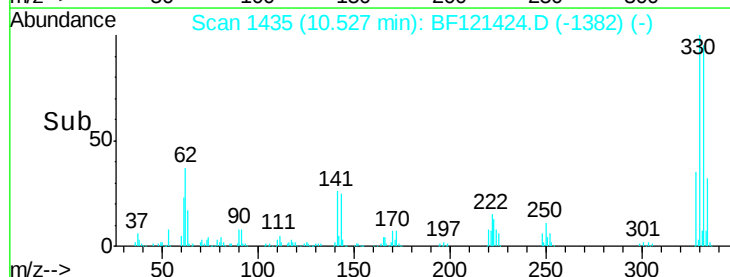
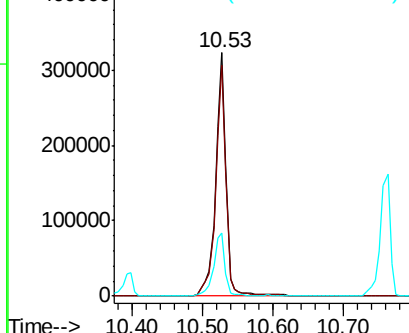


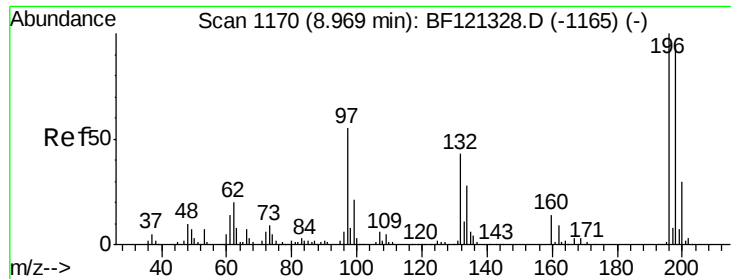
#42
2,4,6-Tribromophenol
Concen: 90.455 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:330 Resp: 337850
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 28.3 22.8 34.2



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

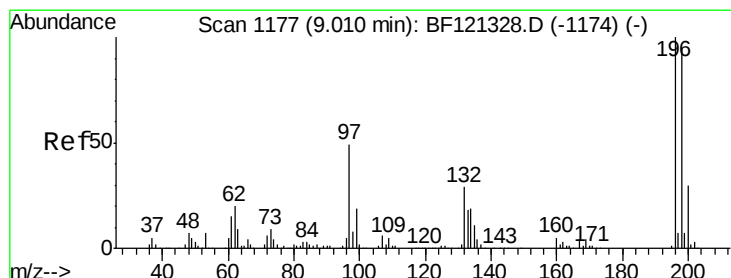
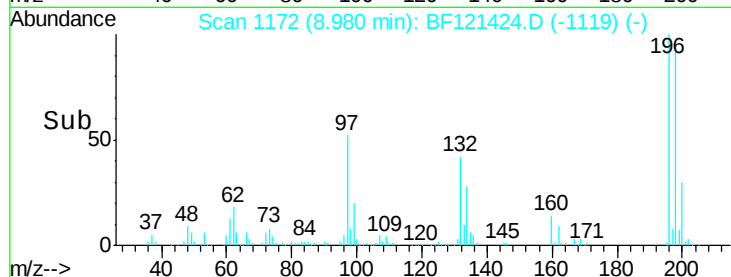
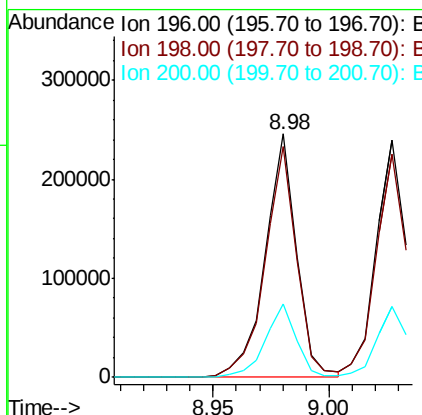
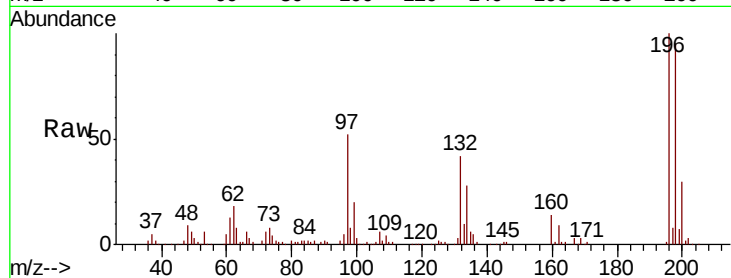




#43
 2,4,6-Trichlorophenol
 Concen: 35.624 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

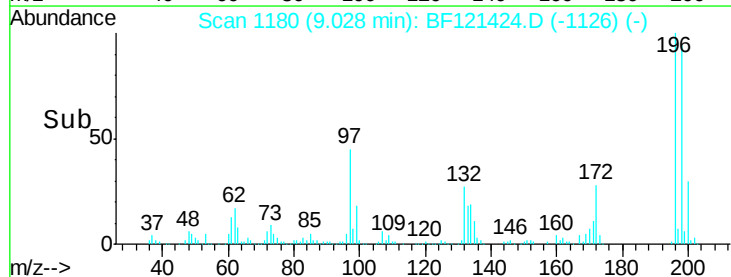
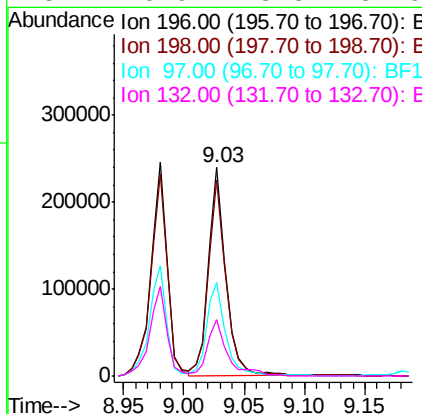
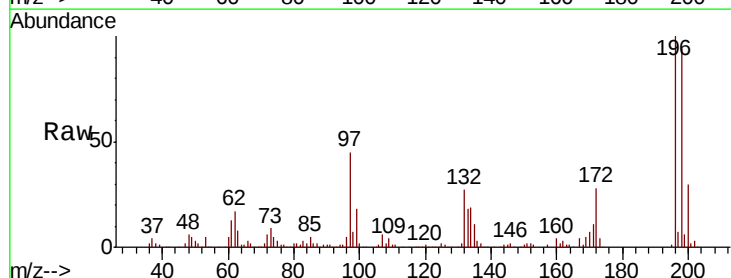
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

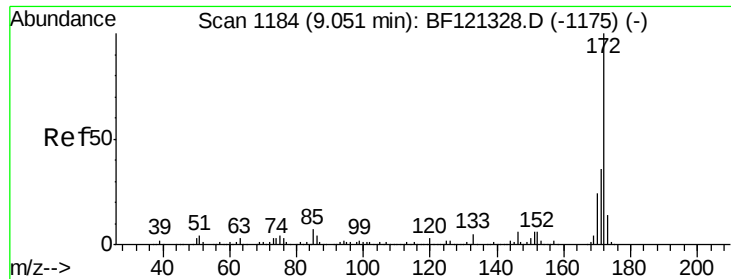
Tot Ion:196 Resp: 231681
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.6 113.4
 200 30.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 35.954 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.02 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:196 Resp: 240564
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.6 113.4
 97 44.8 39.6 59.4
 132 26.9 23.3 34.9

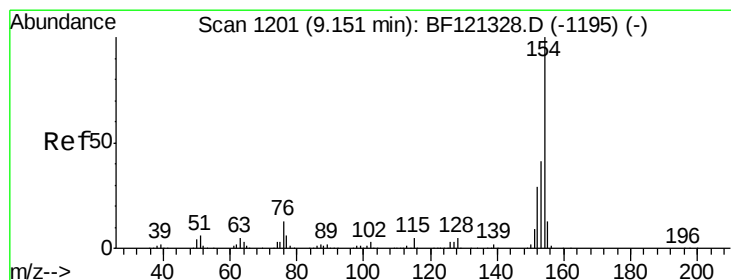
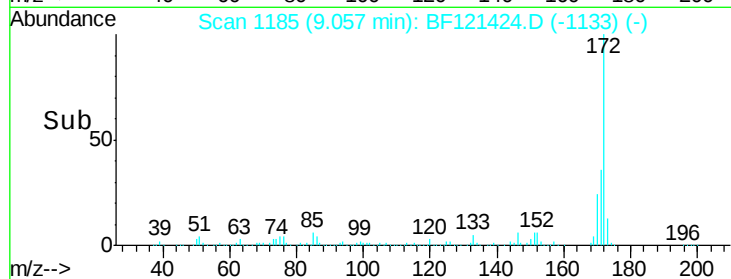
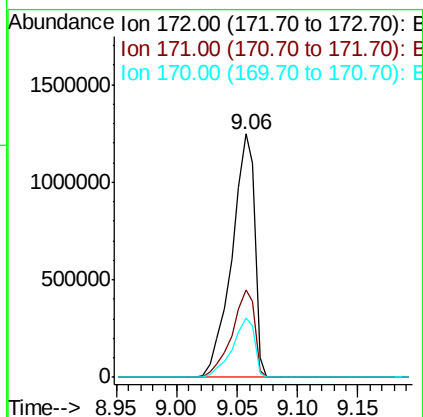
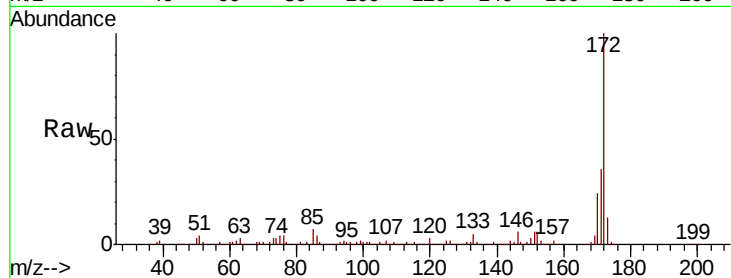




#45
 2-Fluorobiphenyl
 Concen: 100.929 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

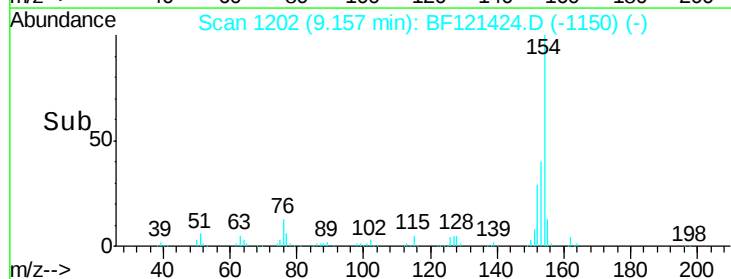
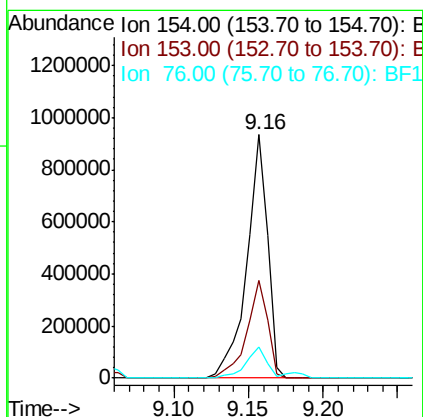
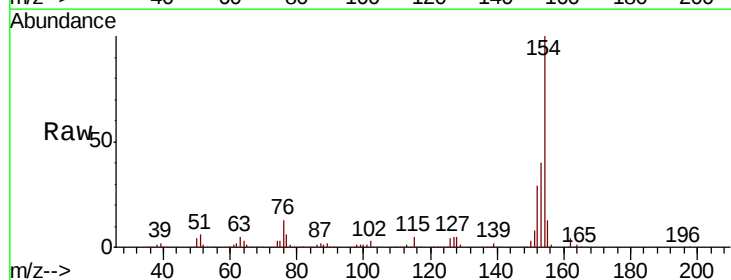
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

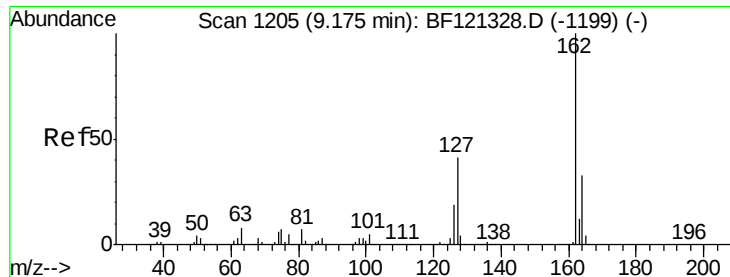
Tot Ion:172 Resp: 1644663
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 19.4 29.2



#46
 1,1'-Biphenyl
 Concen: 37.300 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:154 Resp: 896051
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.8 60.8
 76 12.8 0.0 33.1

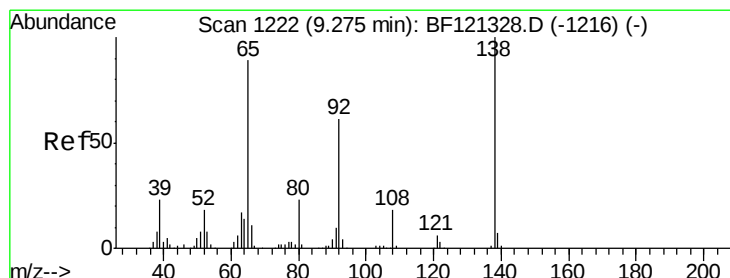
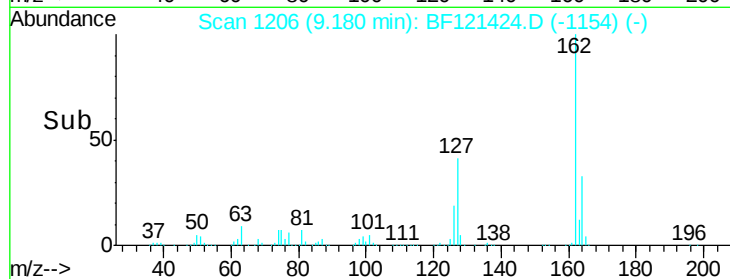
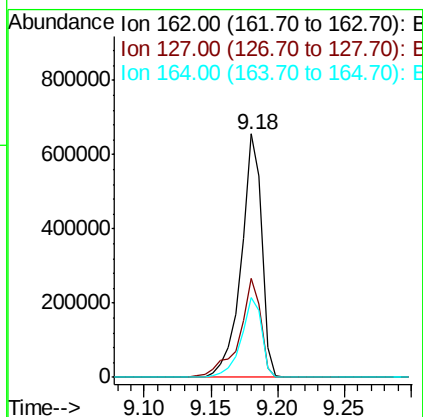
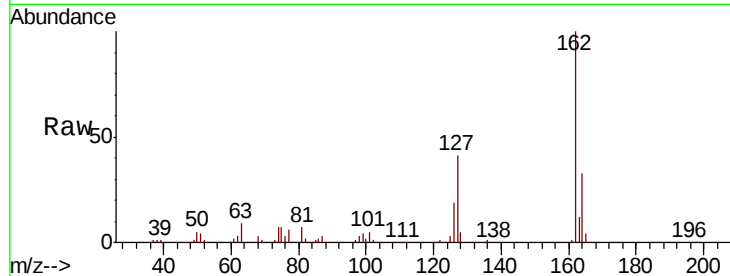




#47
 2-Chloronaphthalene
 Concen: 34.910 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

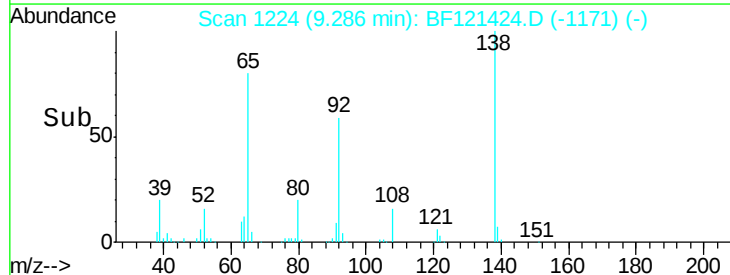
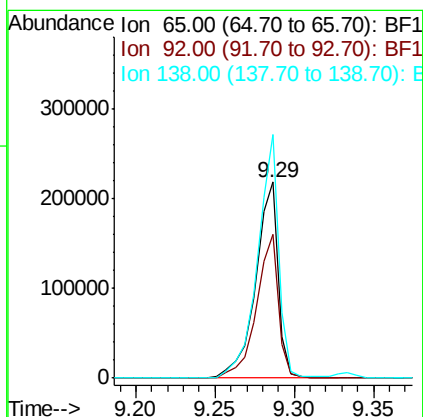
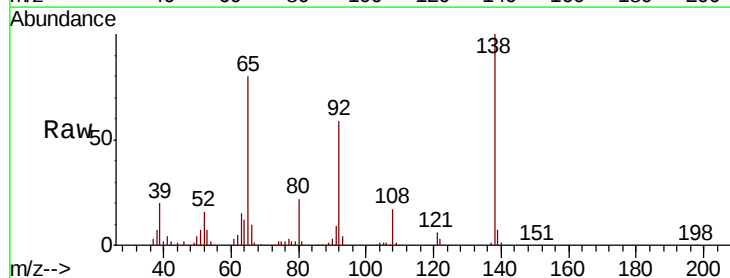
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

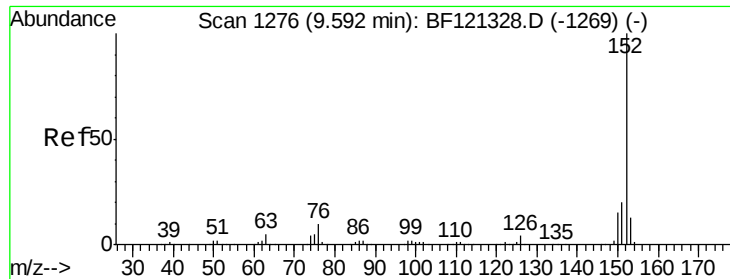
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.1	49.7
164	32.9	26.5	39.7



#48
 2-Nitroaniline
 Concen: 34.843 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	54.9	82.3
138	124.4	89.5	134.3





#49

Acenaphthylene

Concen: 37.286 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

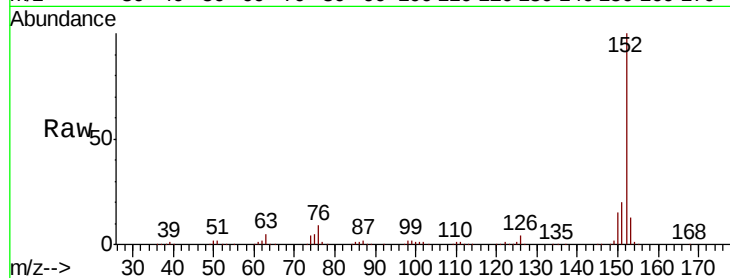
Tot Ion:152 Resp: 1096098

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

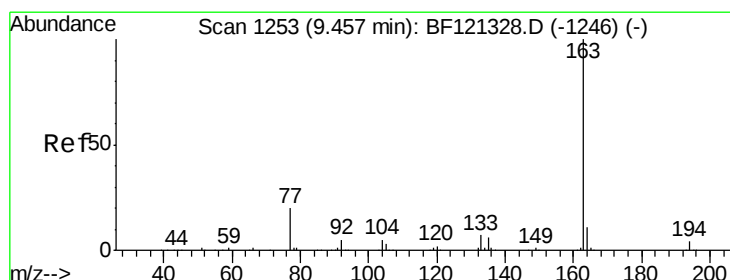
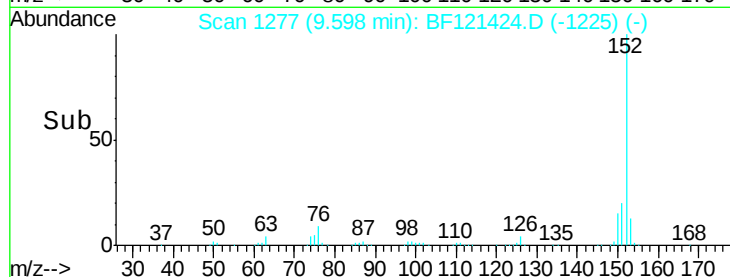
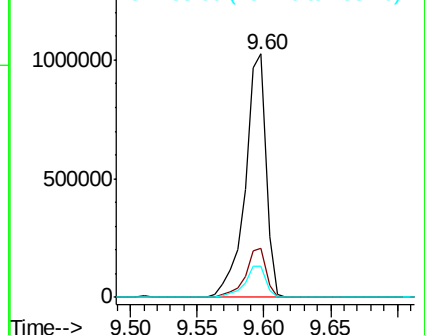
153 12.9 10.6 16.0



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: 34.694 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

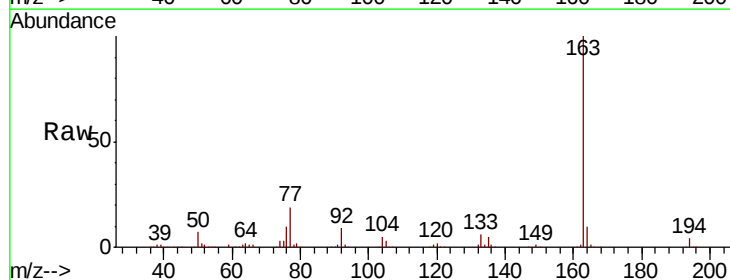
Tgt Ion:163 Resp: 808991

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

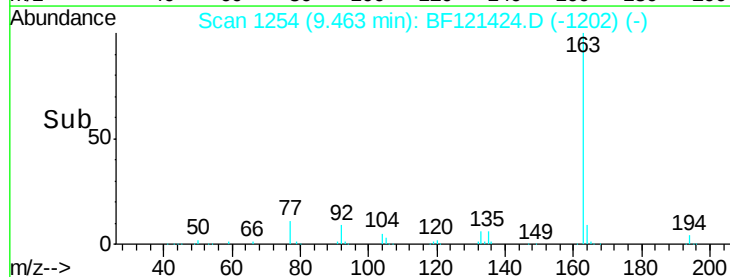
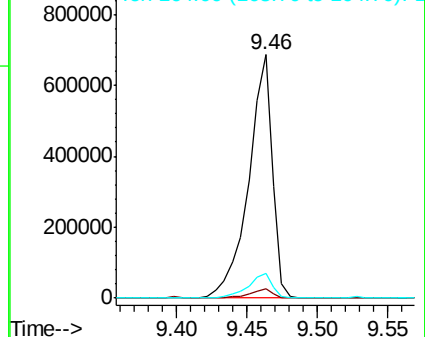
164 10.1 8.4 12.6

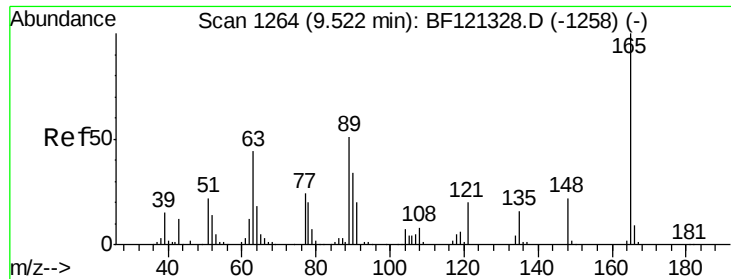


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

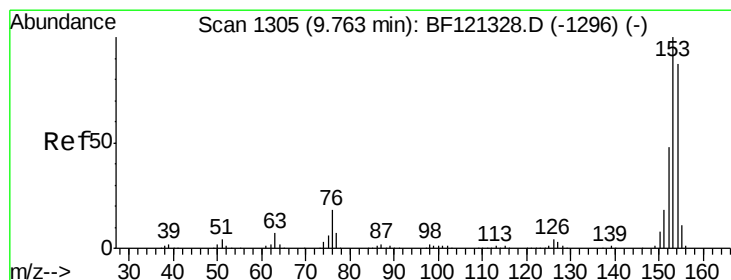
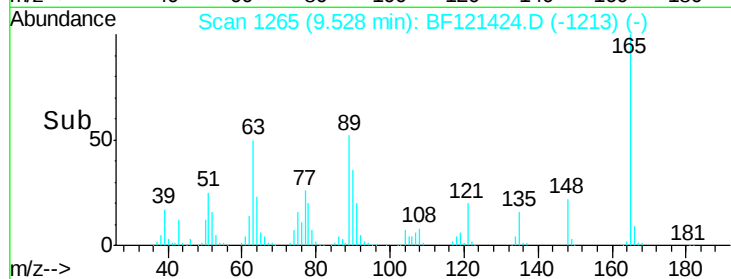
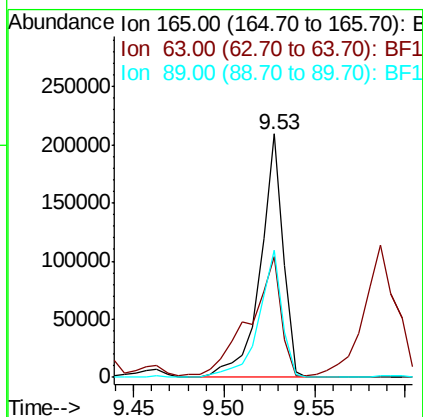
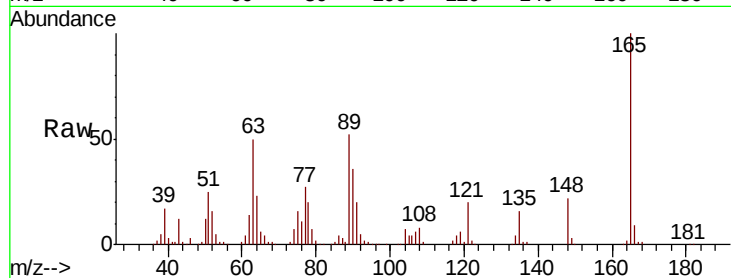




#51
 2,6-Dinitrotoluene
 Concen: 36.730 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

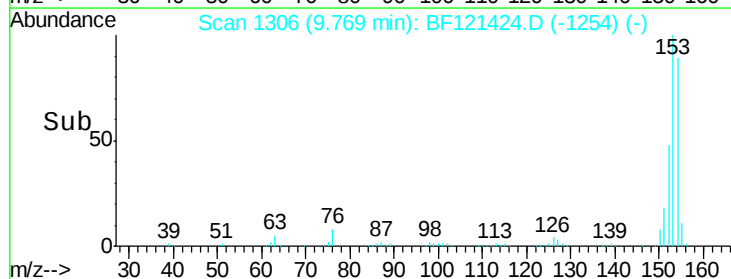
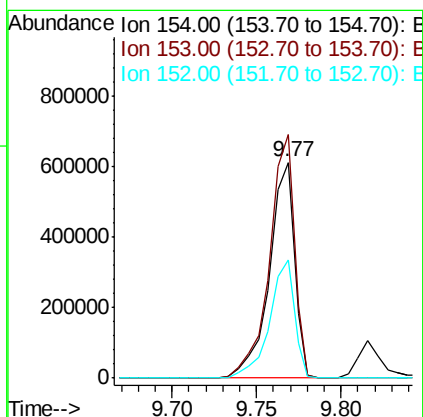
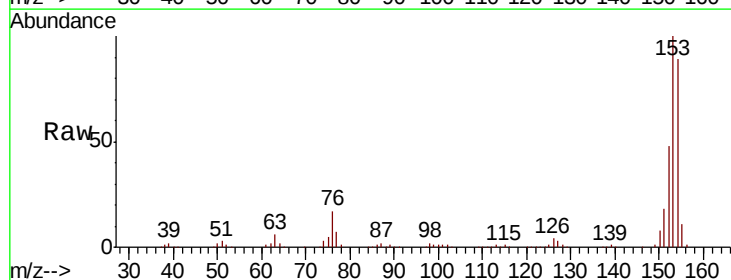
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

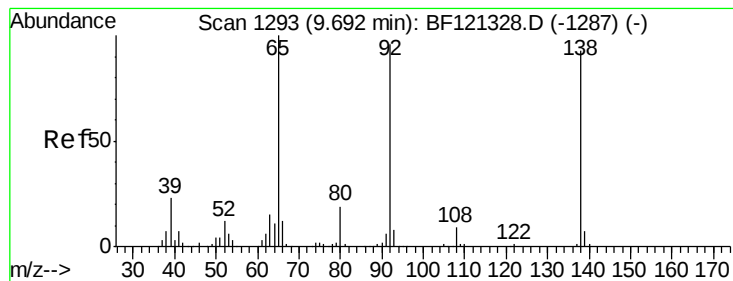
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	38.5	57.7
89	52.4	41.2	61.8



#52
 Acenaphthene
 Concen: 35.495 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	92.0	138.0
152	54.7	44.6	66.8





#53

3-Nitroaniline

Concen: 23.184 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

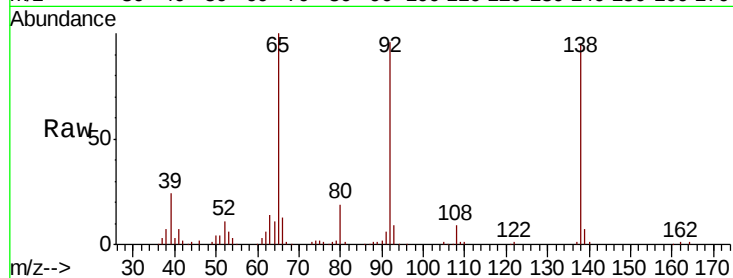
Tot Ion:138 Resp: 144429

Ion Ratio Lower Upper

138 100

108 9.4 7.5 11.3

92 101.3 83.0 124.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

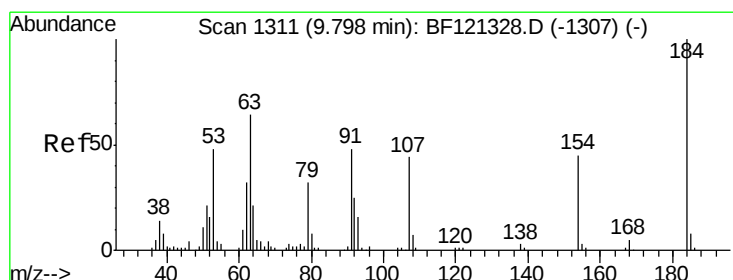
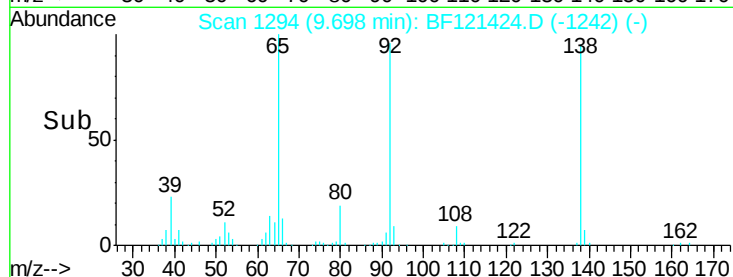
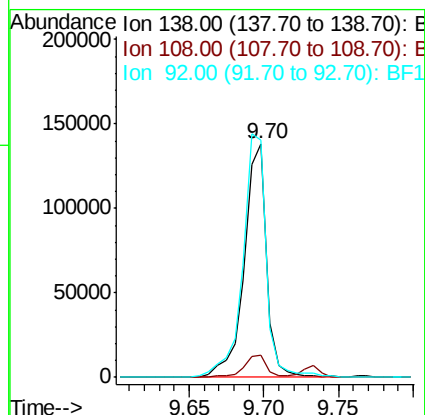
150000

100000

50000

0

9.65 9.70 9.75



#54

2,4-Dinitrophenol

Concen: 75.600 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

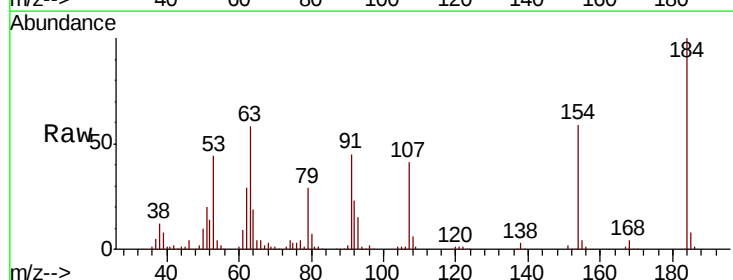
Tgt Ion:184 Resp: 181505

Ion Ratio Lower Upper

184 100

63 58.2 51.5 77.3

154 59.3 48.0 72.0



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

800000

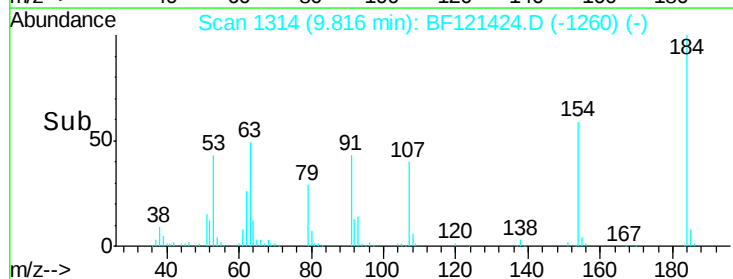
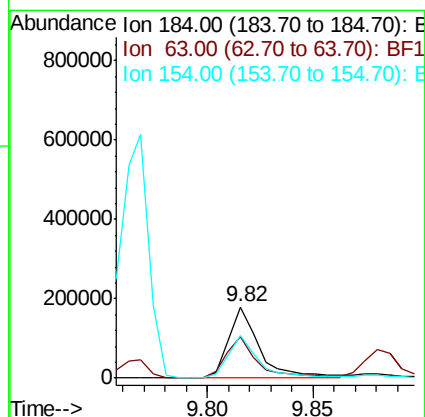
600000

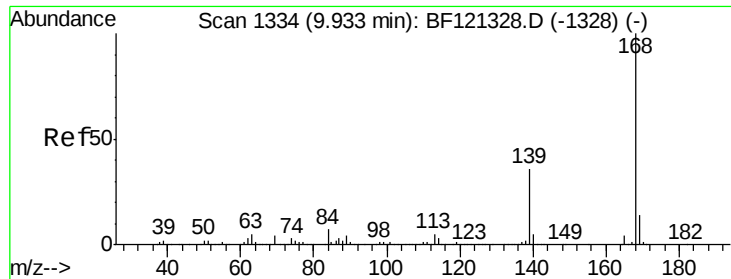
400000

200000

0

9.80 9.85

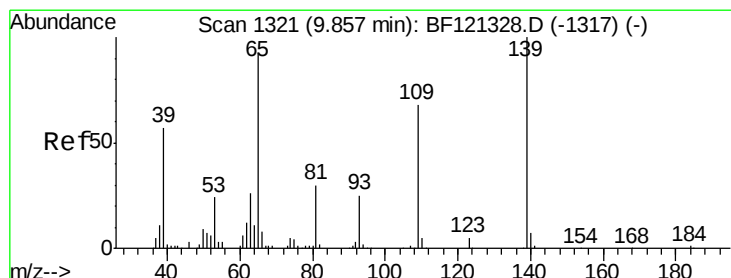
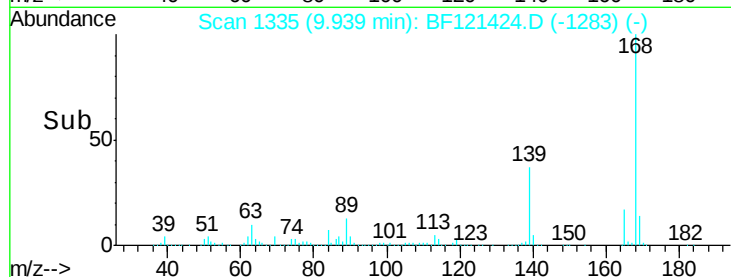
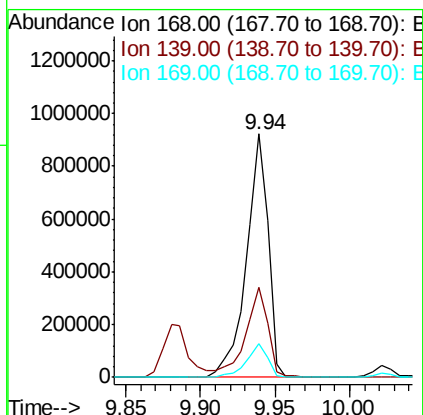
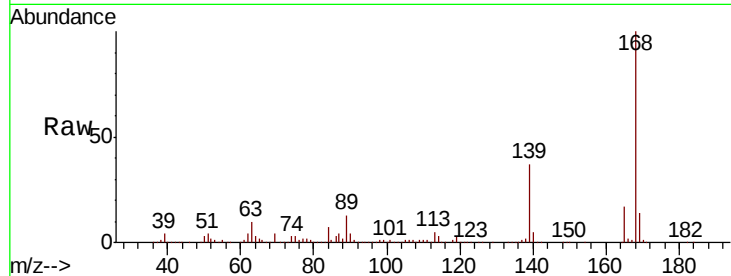




#55
Dibenzofuran
Concen: 39.792 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

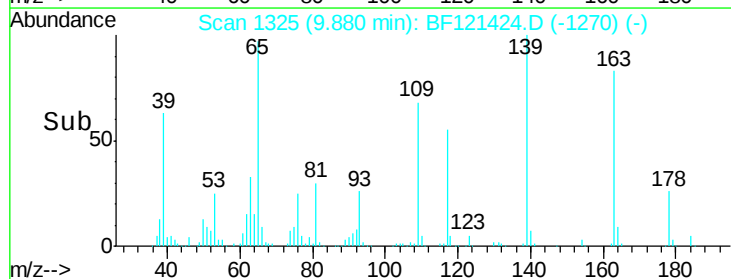
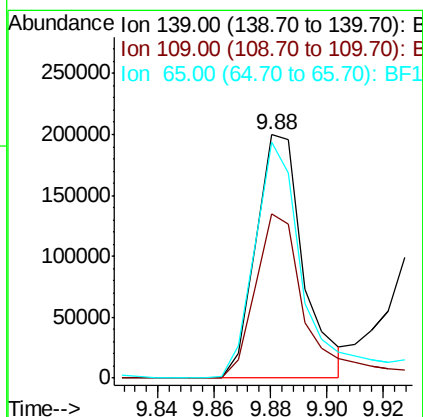
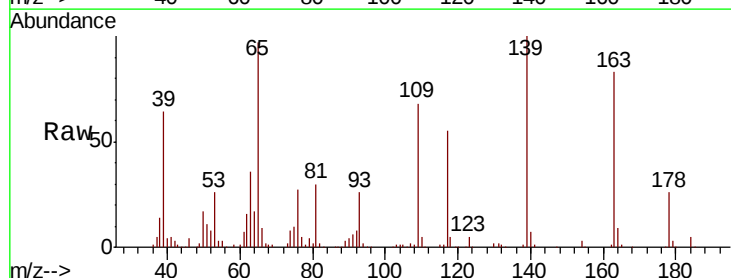
Instrument :
BNA_F
ClientSampleId :
PB131184BS

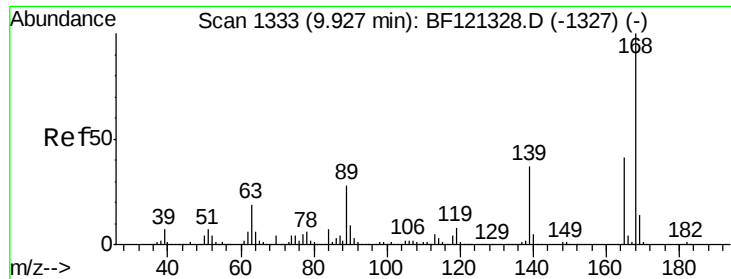
Tot Ion:168 Resp: 921413
Ion Ratio Lower Upper
168 100
139 37.2 29.1 43.7
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 60.667 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:139 Resp: 233086
Ion Ratio Lower Upper
139 100
109 67.6 47.7 87.7
65 96.7 73.2 113.2

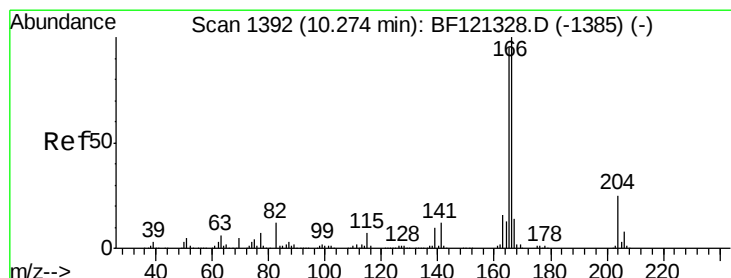
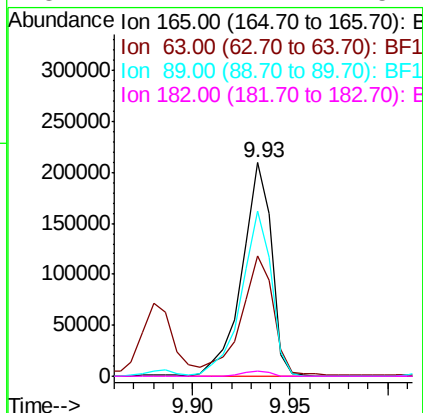
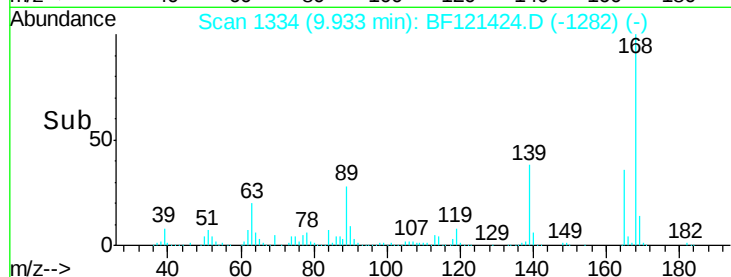
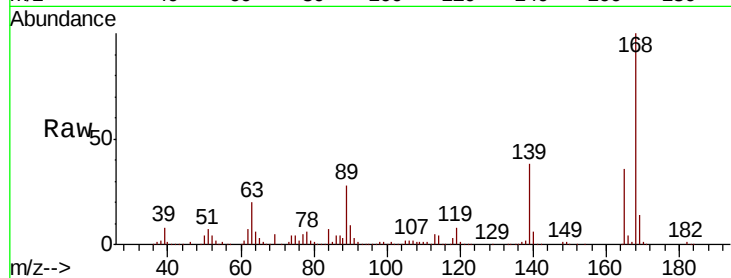




#57
 2,4-Dinitrotoluene
 Concen: 36.244 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

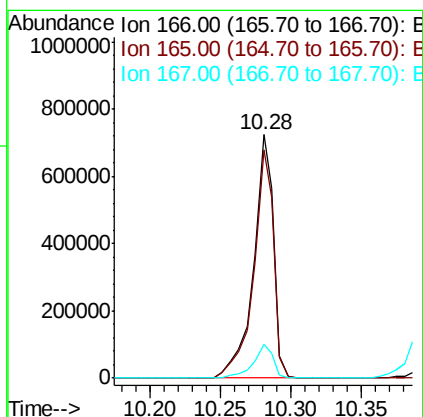
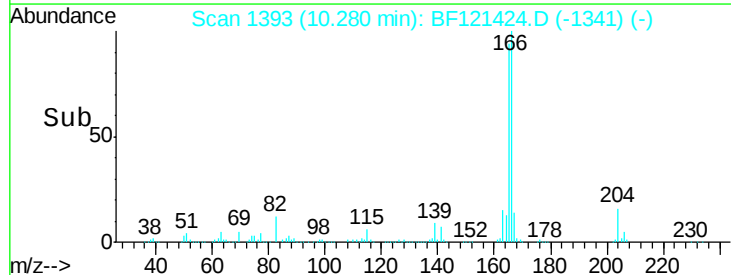
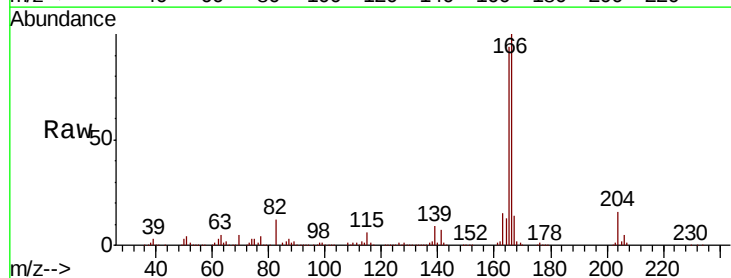
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

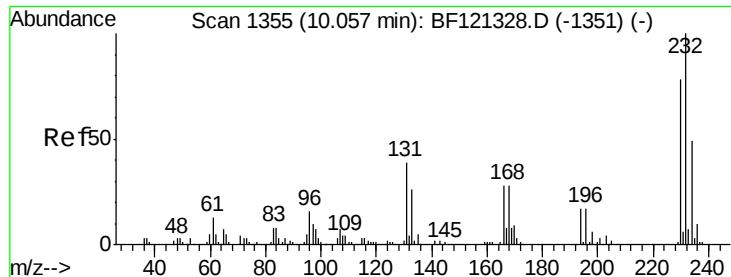
Tot Ion:	165	Resp:	220197
Ion	Ratio	Lower	Upper
165	100		
63	56.4	37.5	56.3#
89	77.2	54.2	81.4
182	2.4	2.2	3.4



#58
 Fluorene
 Concen: 42.549 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:	166	Resp:	719148
Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.8	113.8
167	13.7	11.0	16.4

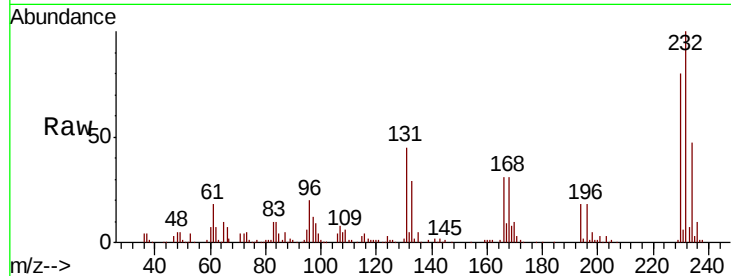




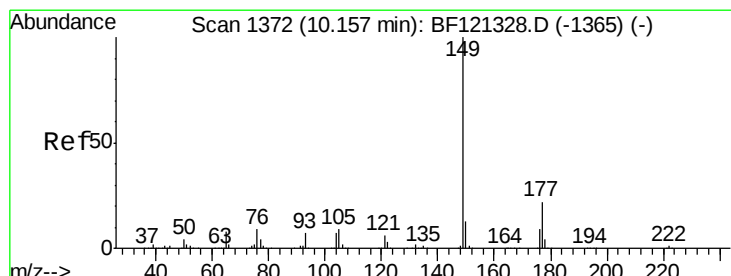
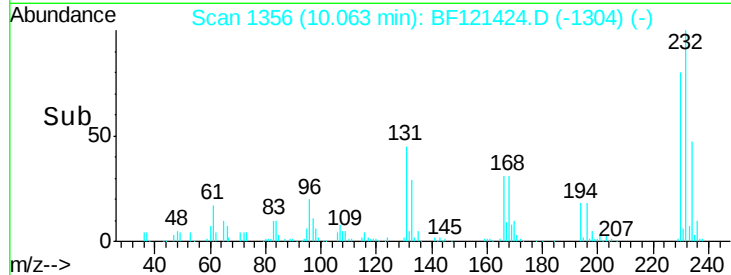
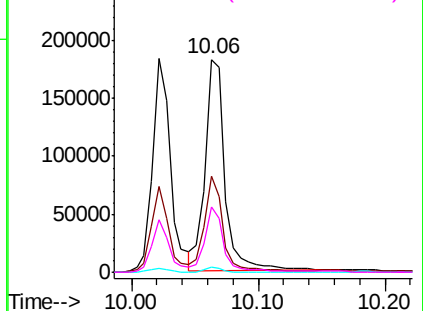
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.437 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion:232	Resp:	202687
Ion Ratio	Lower	Upper
232	100	
131	41.2	34.2 51.4
130	2.0	1.7 2.5
166	27.6	22.3 33.5

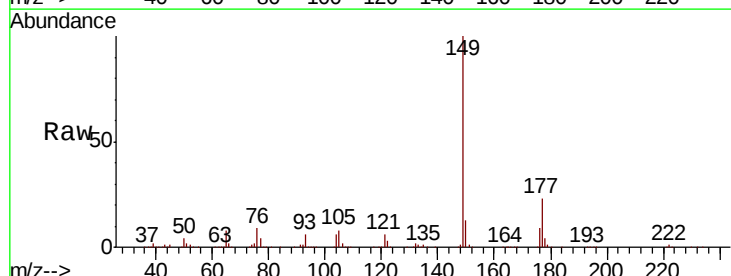


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

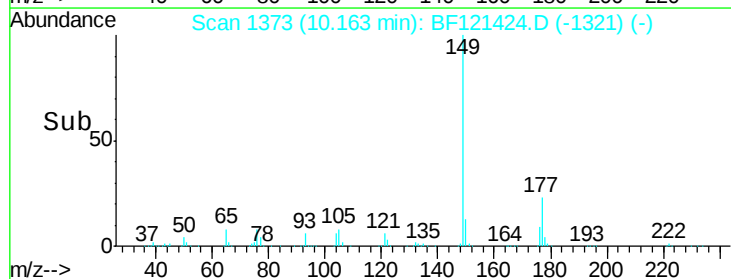
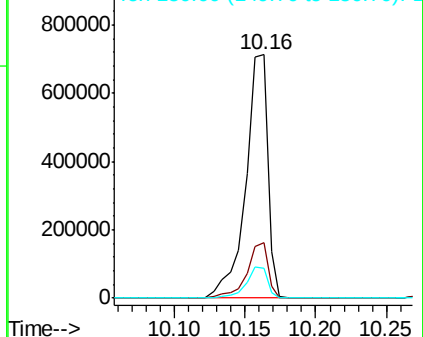


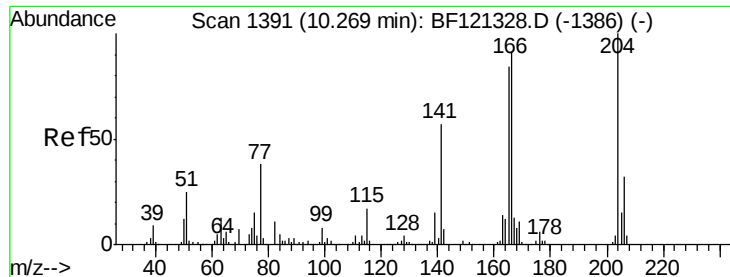
#60
 Diethylphthalate
 Concen: 34.510 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:149	Resp:	785786
Ion Ratio	Lower	Upper
149	100	
177	22.5	17.6 26.4
150	12.5	10.1 15.1



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

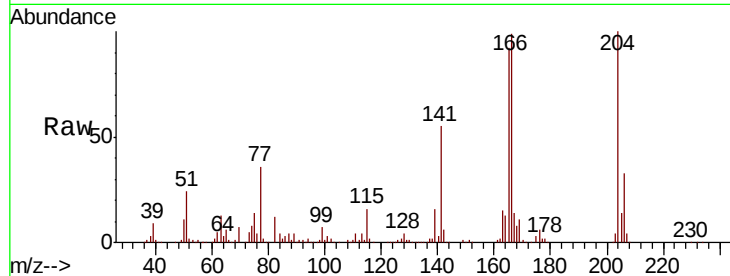




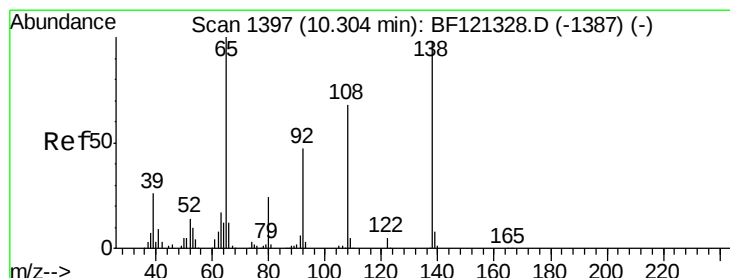
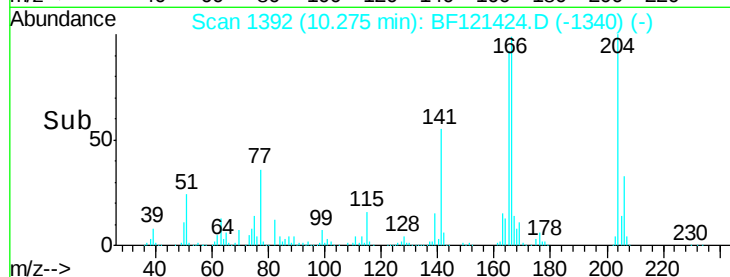
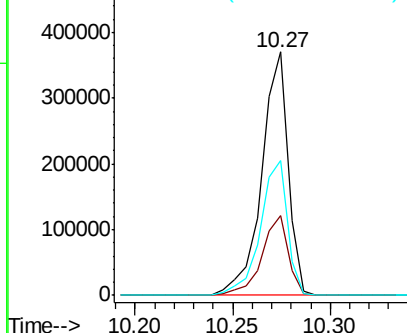
#61
4-Chlorophenyl-phenylether
Concen: 40.601 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleID :
PB131184BS

Tot Ion:204 Resp: 347992
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 55.4 45.5 68.3

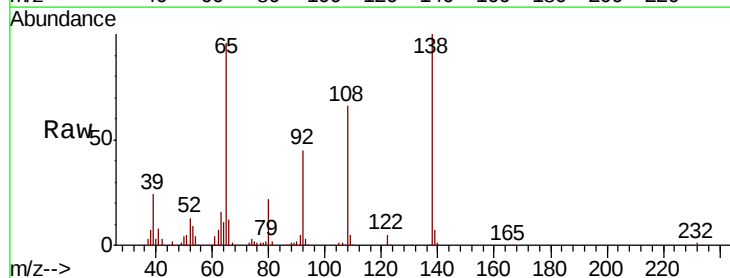


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

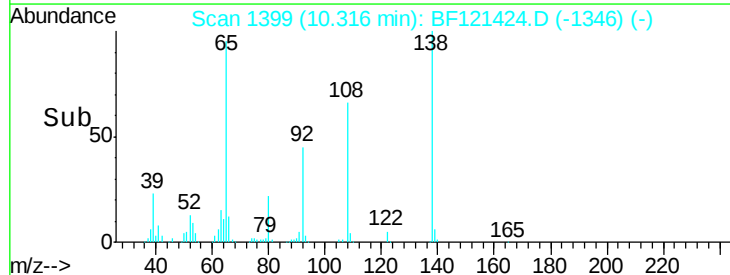
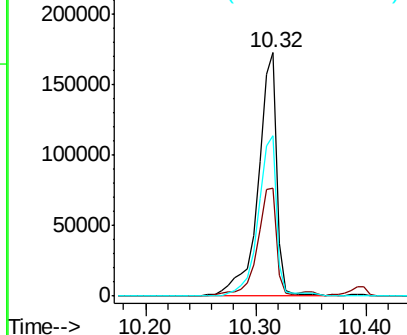


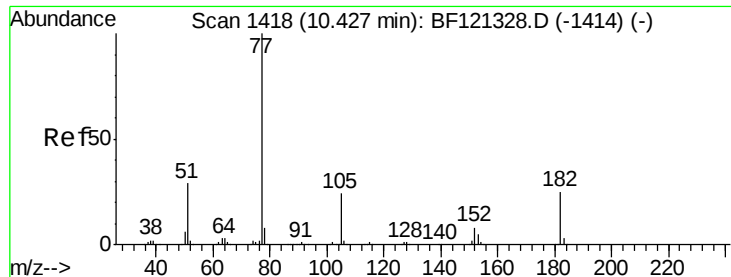
#62
4-Nitroaniline
Concen: 32.221 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:138 Resp: 205674
Ion Ratio Lower Upper
138 100
92 44.6 28.1 68.1
108 65.9 49.5 89.5



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





#63

Azobenzene

Concen: 35.613 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion: 77 Resp: 753184

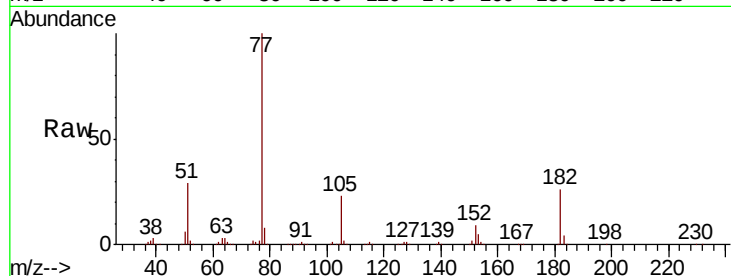
Ion Ratio Lower Upper

77 100

182 25.7 5.0 45.0

105 23.4 3.6 43.6

51 28.9 8.8 48.8

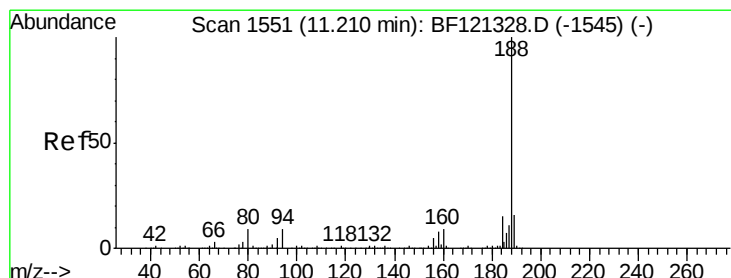
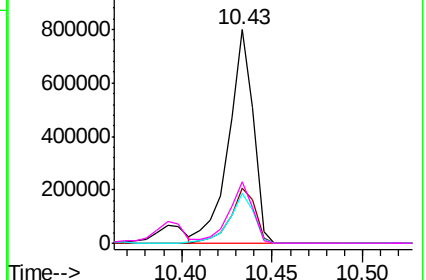
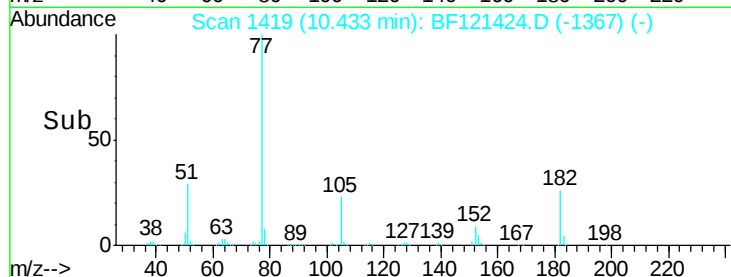


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

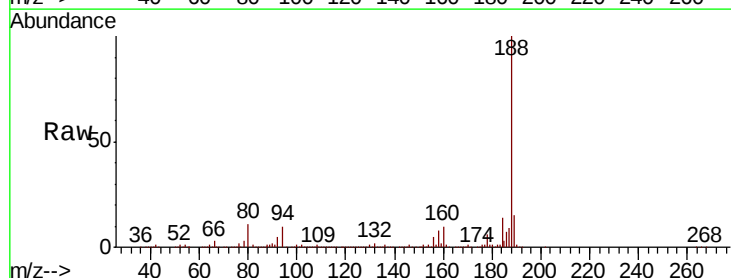
Tgt Ion: 188 Resp: 605807

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

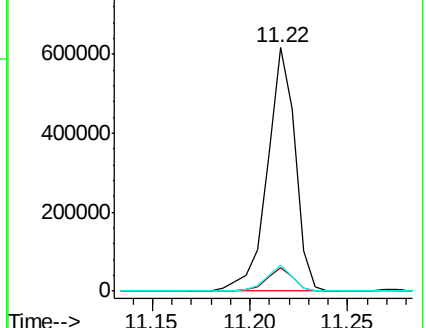
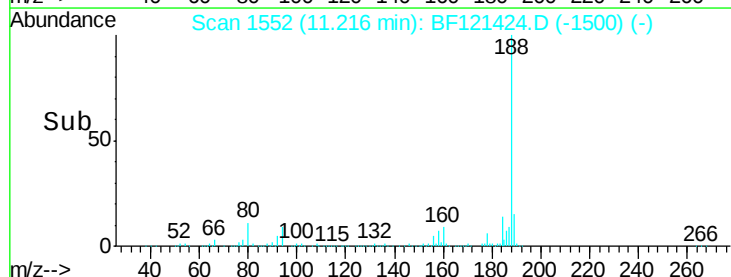
80 10.6 7.4 11.0

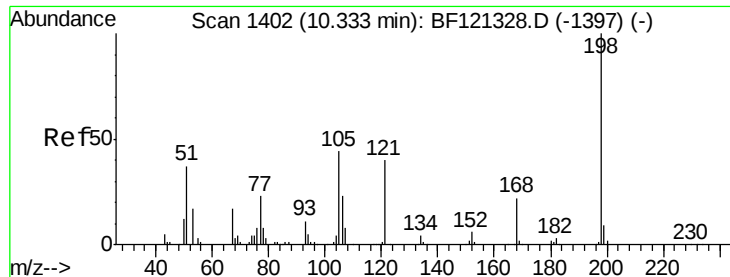


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

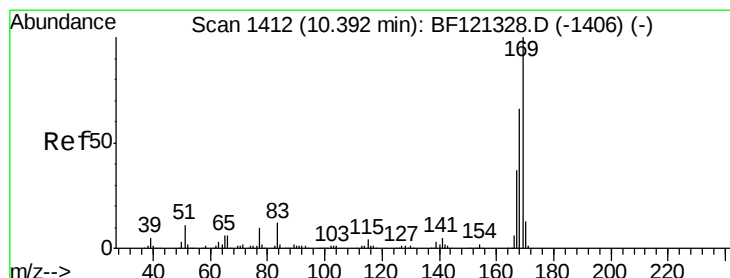
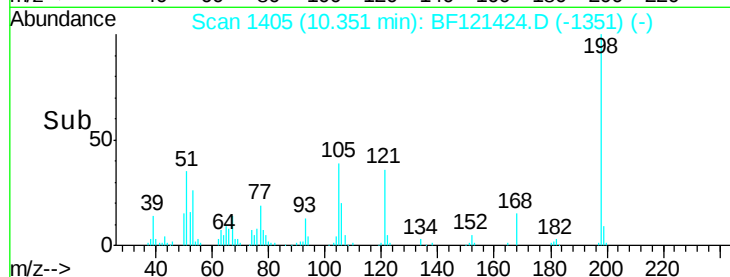
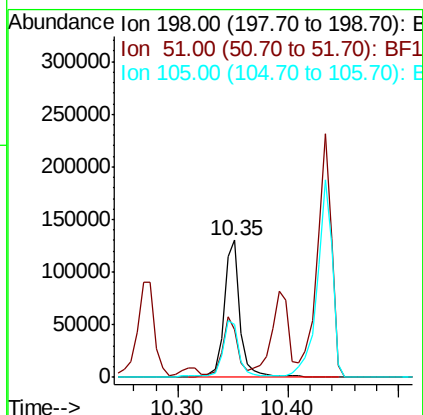
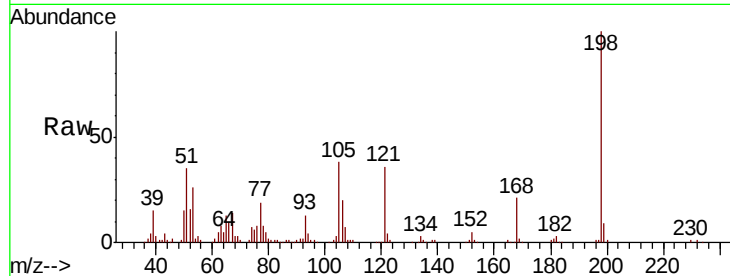




#65
4,6-Dinitro-2-methylphenol
Concen: 40.809 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

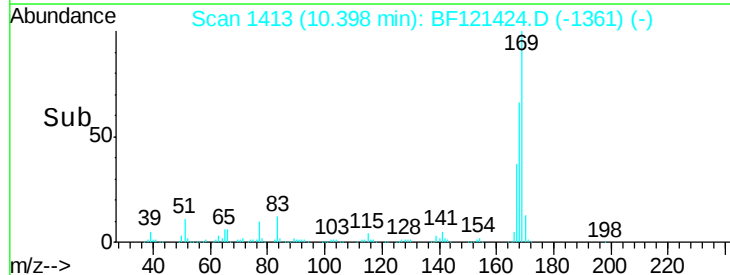
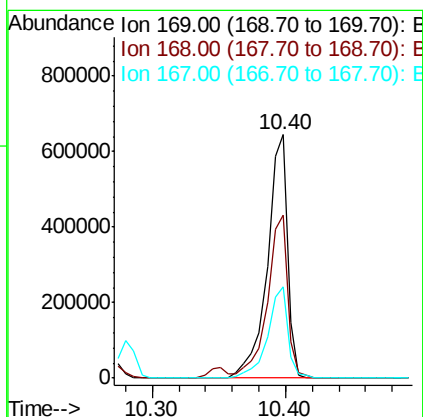
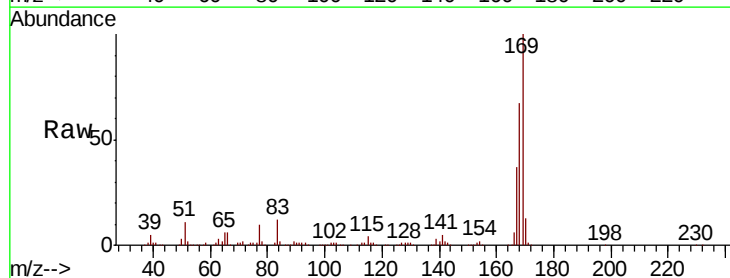
Instrument :
BNA_F
ClientSampleId :
PB131184BS

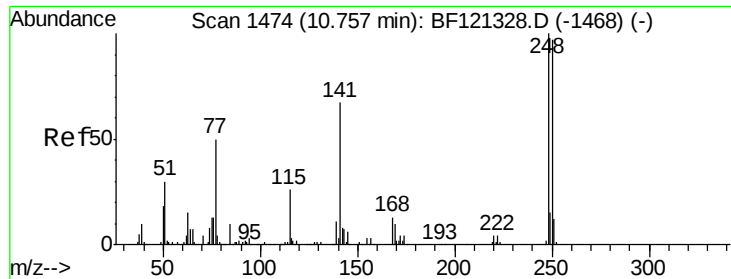
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	25.5	65.5
105	38.3	24.9	64.9



#66
n-Nitrosodiphenylamine
Concen: 36.536 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.6
167	37.3	29.5	44.3

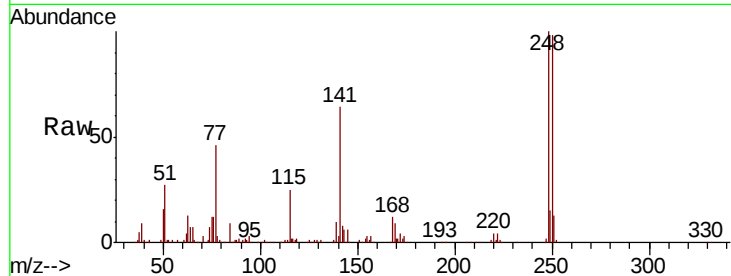




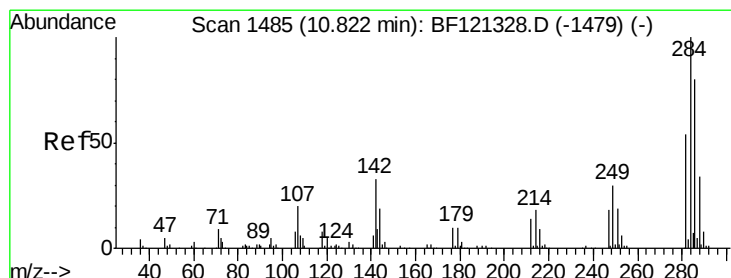
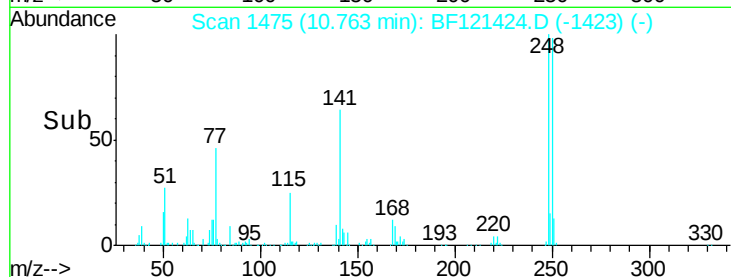
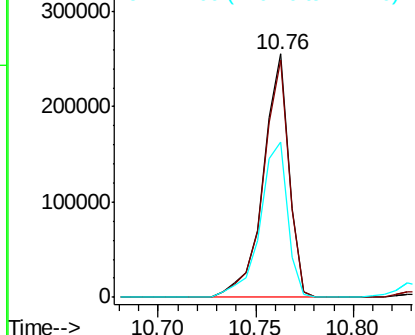
#67
4-Bromophenyl-phenylether
Concen: 34.713 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	63.6	53.5	80.3

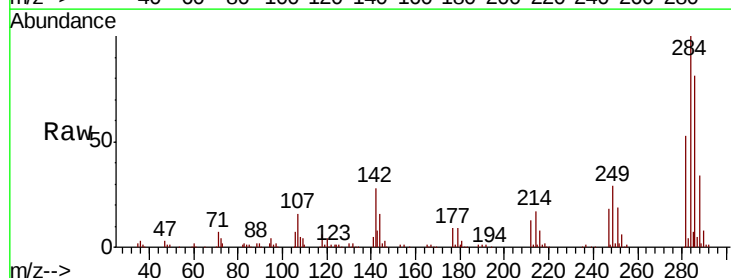


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

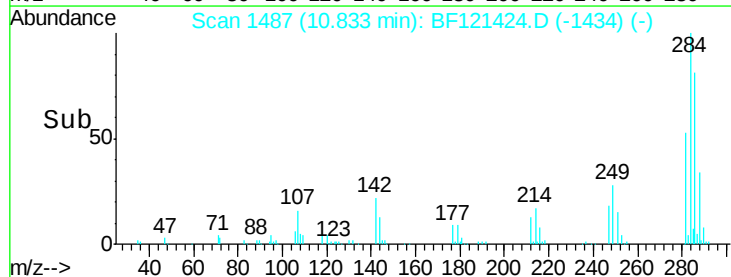
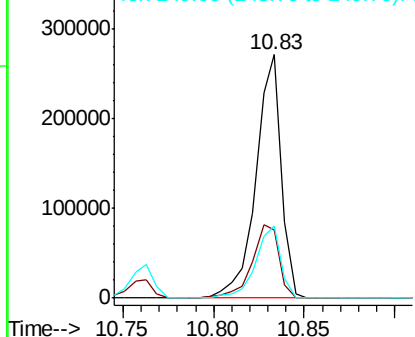


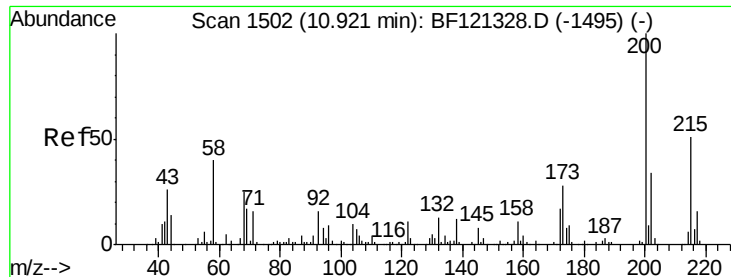
#68
Hexachlorobenzene
Concen: 34.023 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	26.1	39.1
249	29.5	24.0	36.0



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

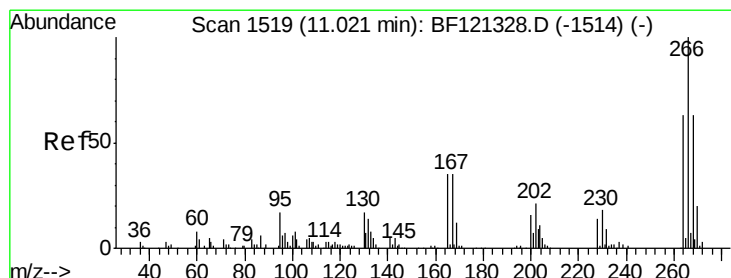
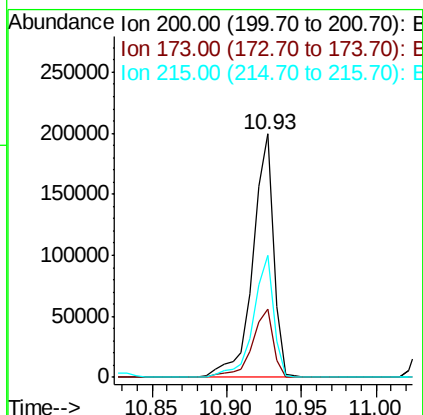
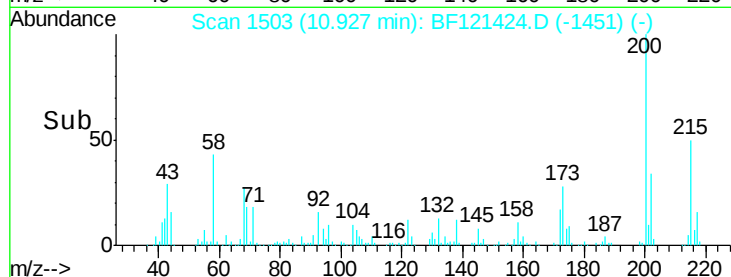
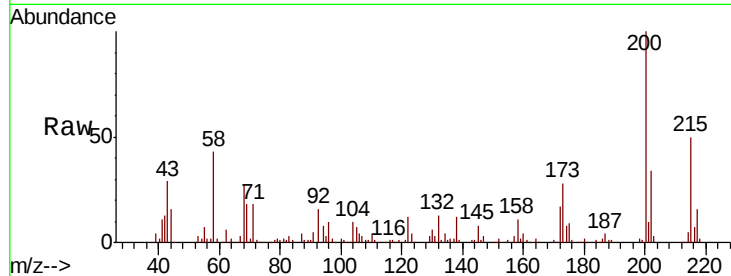




#69
Atrazine
Concen: 32.867 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

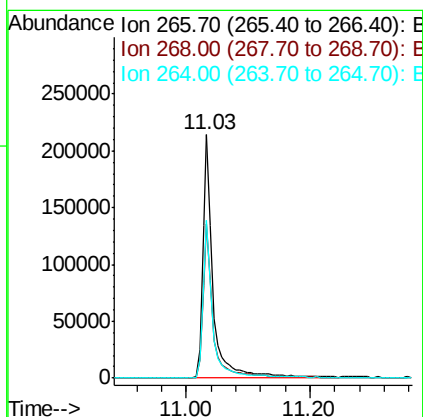
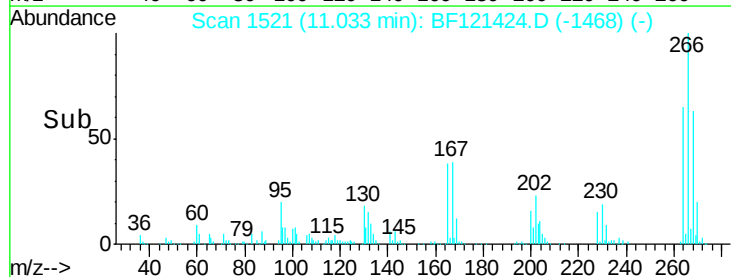
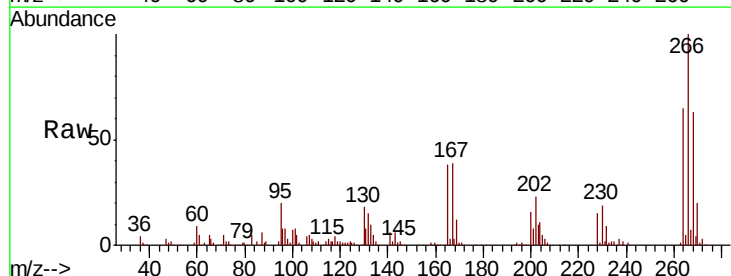
Instrument :
BNA_F
ClientSampleId :
PB131184BS

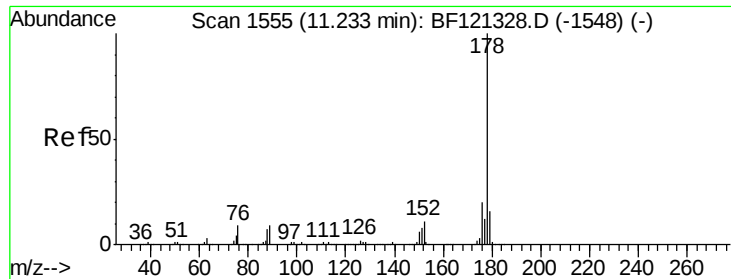
Tot Ion:200 Resp: 190255
Ion Ratio Lower Upper
200 100
173 27.8 7.8 47.8
215 50.3 30.5 70.5



#70
Pentachlorophenol
Concen: 74.321 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:266 Resp: 256143
Ion Ratio Lower Upper
266 100
268 63.1 50.6 75.8
264 64.8 50.5 75.7

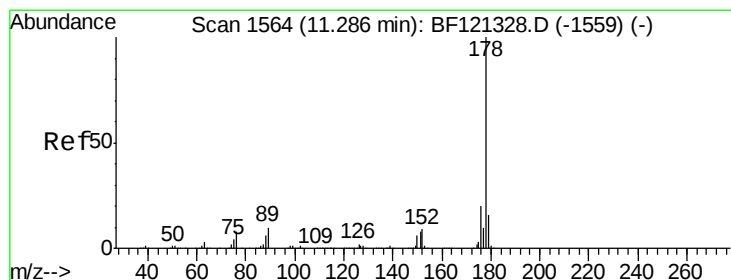
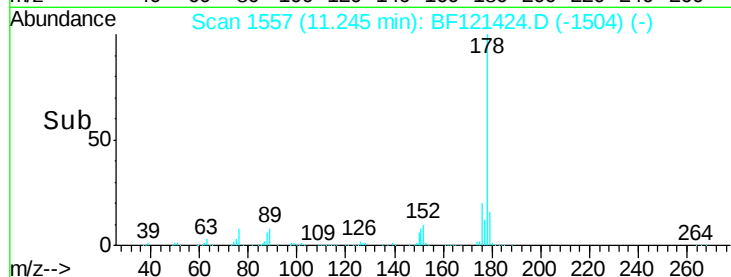
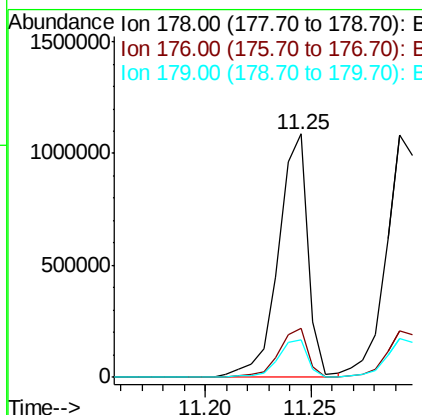
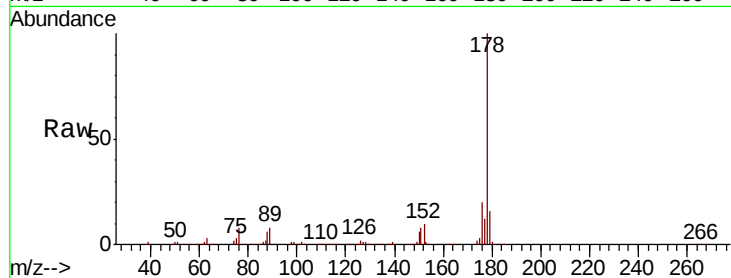




#71
Phenanthrene
Concen: 34.022 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

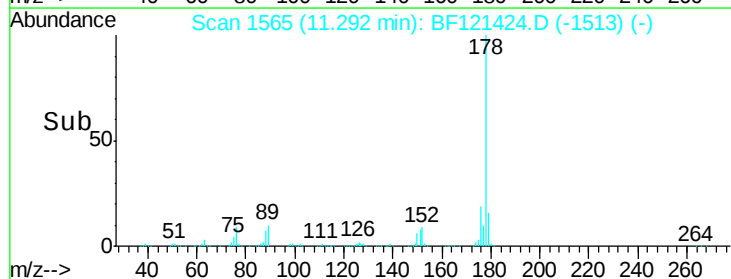
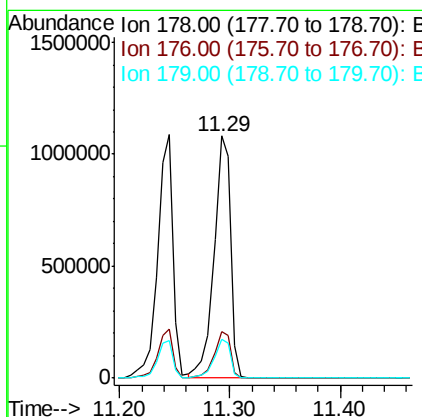
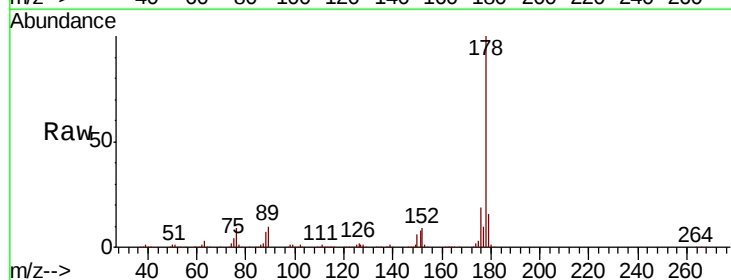
Instrument :
BNA_F
ClientSampleId :
PB131184BS

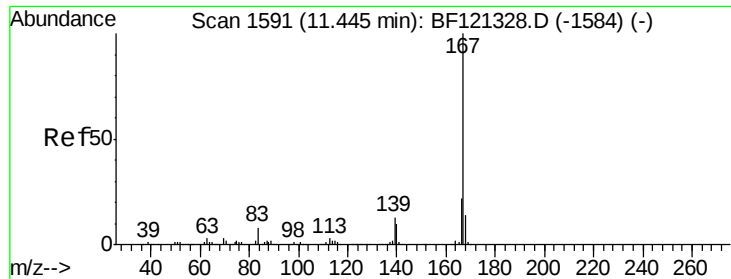
Tot Ion:178 Resp: 1066719
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.6 12.8 19.2



#72
Anthracene
Concen: 37.036 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:178 Resp: 1118224
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.0 12.8 19.2

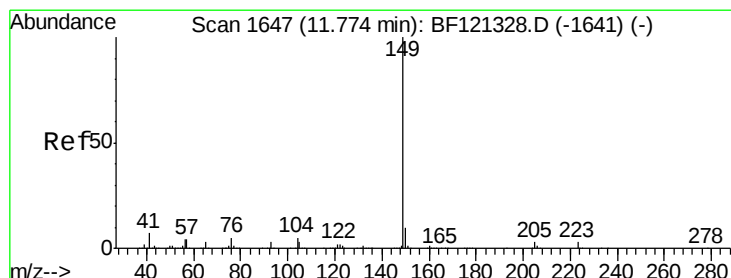
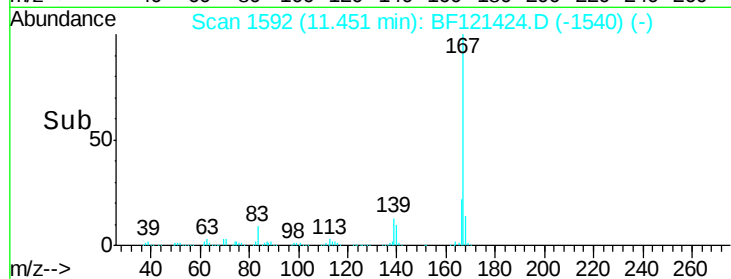
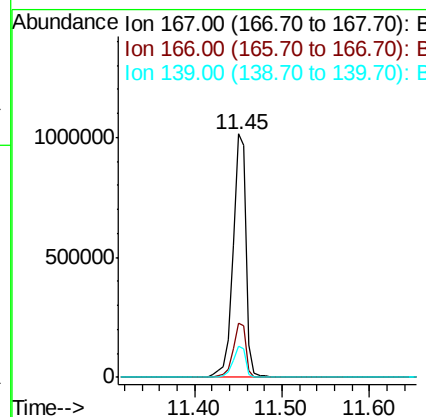
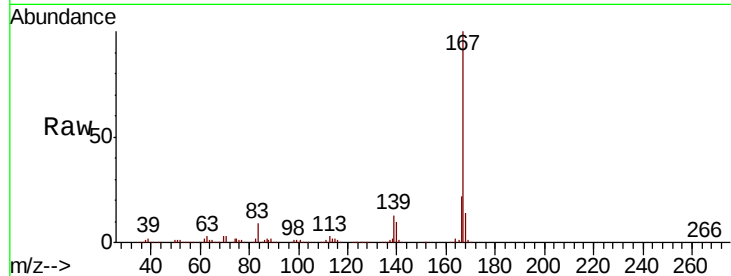




#73
 Carbazole
 Concen: 36.339 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

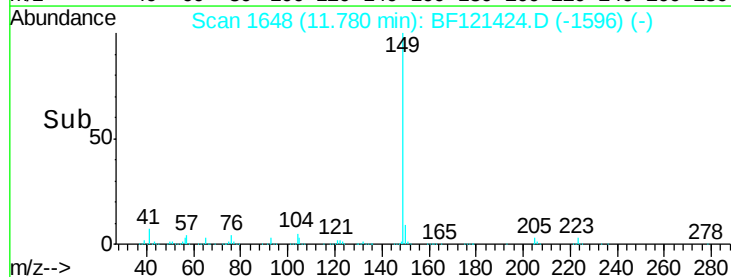
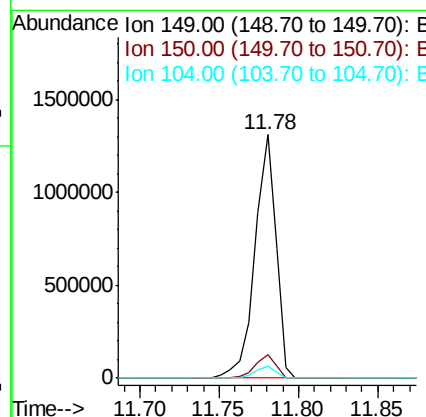
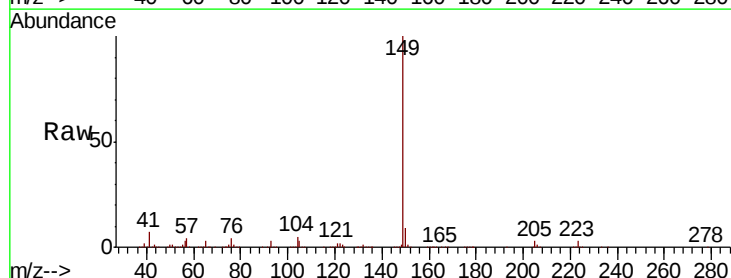
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

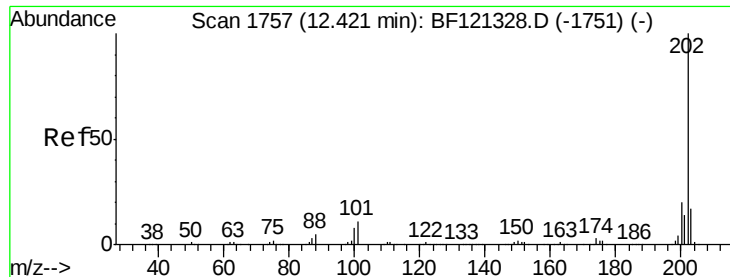
Tot Ion:167 Resp: 1047104
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 34.709 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:149 Resp: 1206038
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.9 5.9

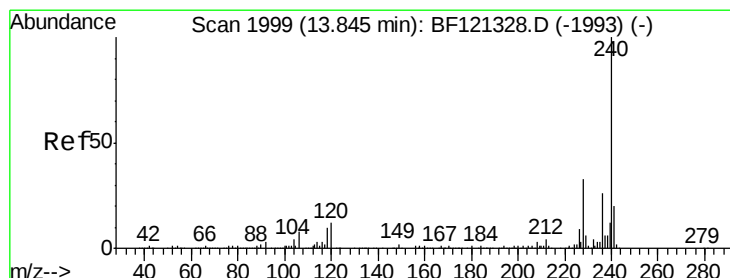
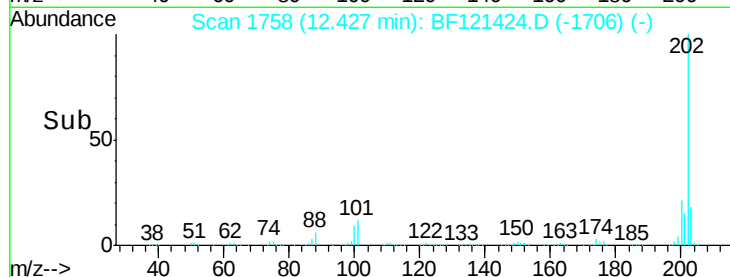
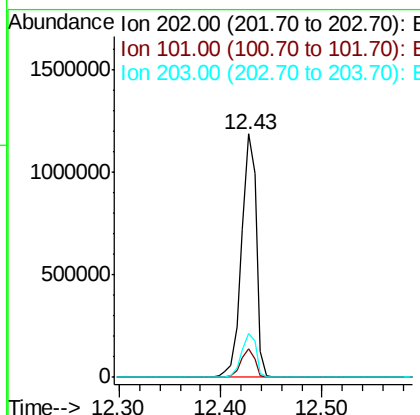
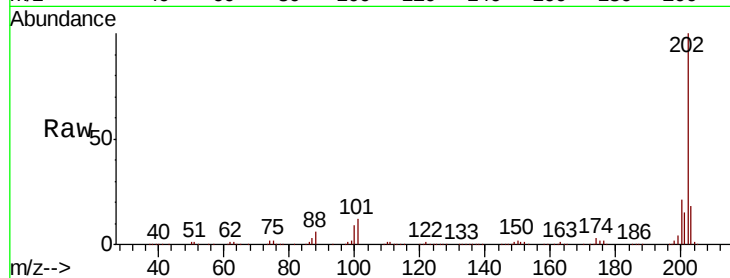




#75
 Fluoranthene
 Concen: 35.141 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

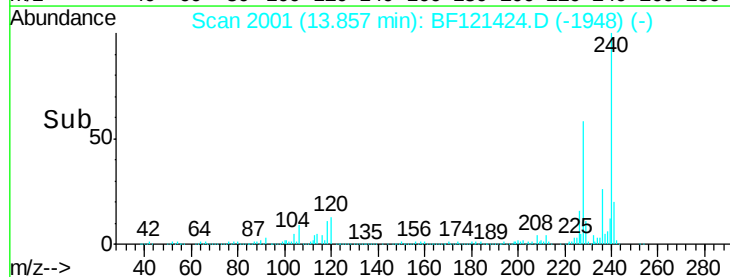
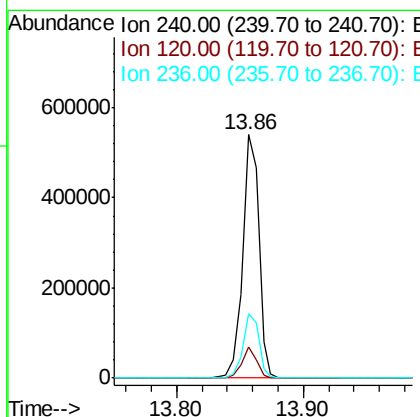
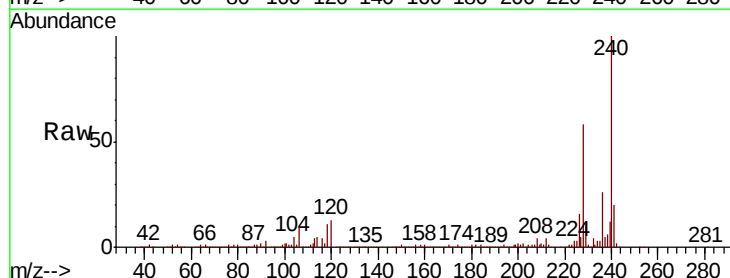
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

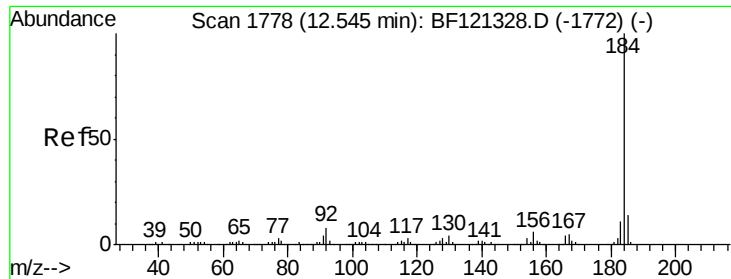
Tot Ion:202 Resp: 1195907
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 30.6
 203 18.2 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:240 Resp: 473330
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.6 14.4
 236 26.3 20.6 31.0





#77

Benzidine

Concen: 51.399 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

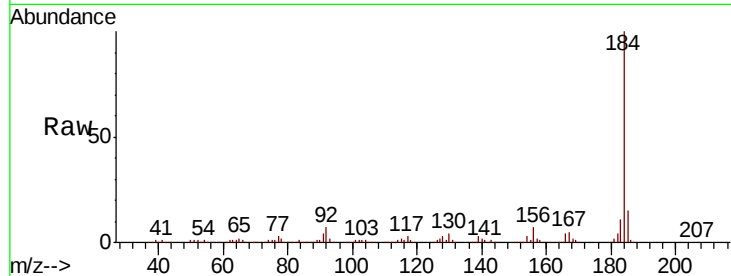
Tot Ion:184 Resp: 670272

Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

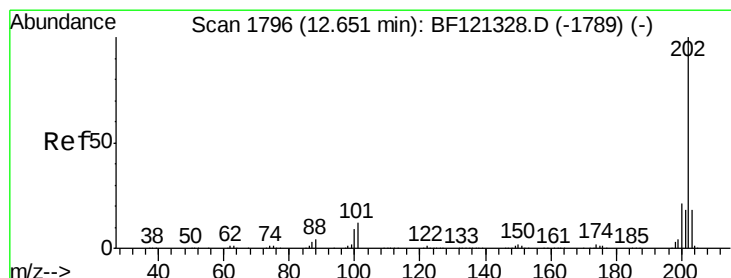
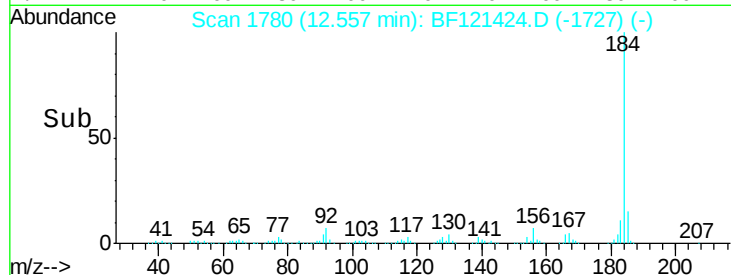
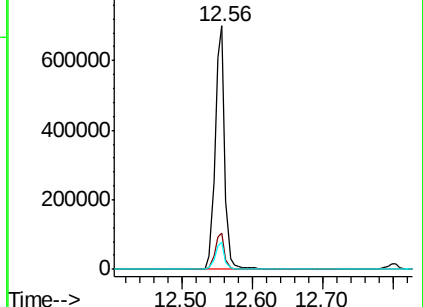
183 11.1 8.7 13.1



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: 34.157 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

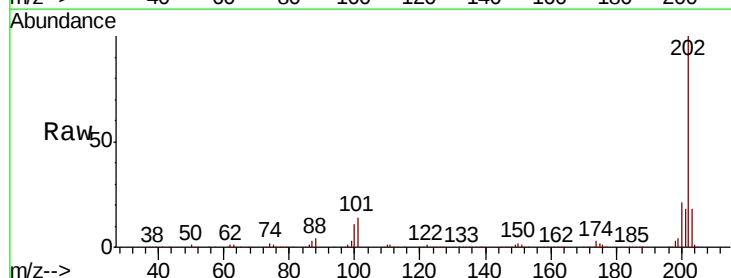
Tgt Ion:202 Resp: 1214456

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

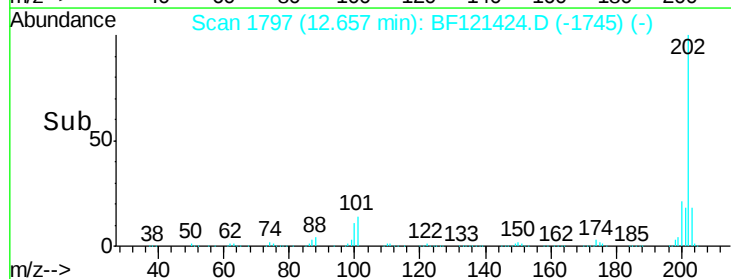
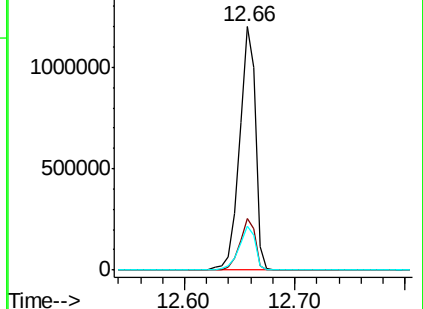
203 18.1 14.2 21.2

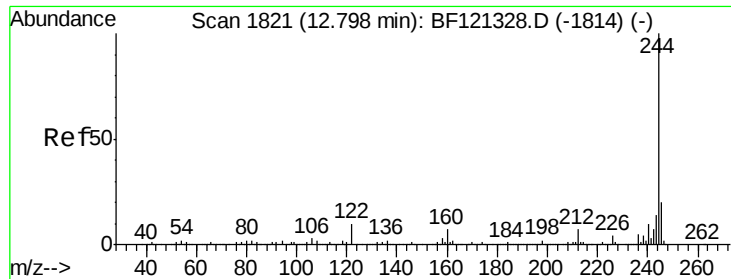


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.792 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

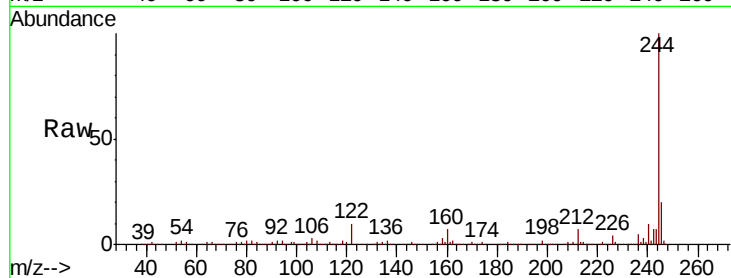
Tot Ion:244 Resp: 1448265

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

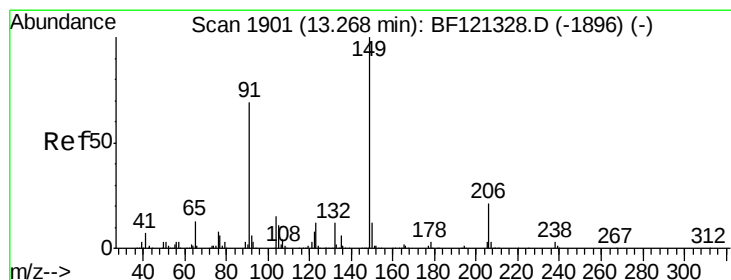
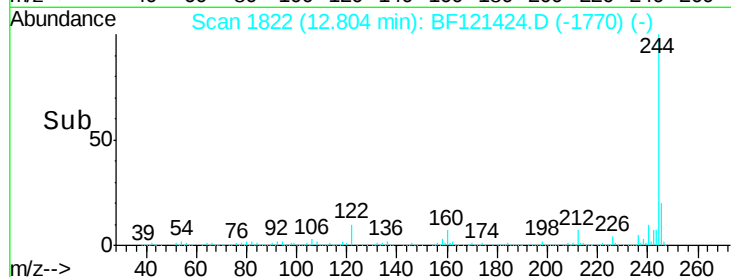
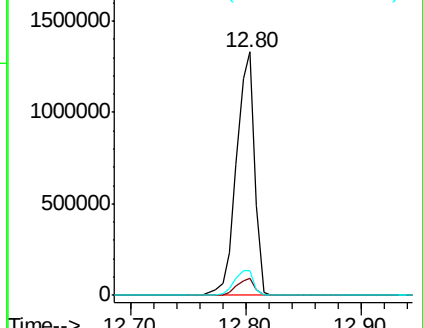
122 10.1 7.8 11.8



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: 33.872 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

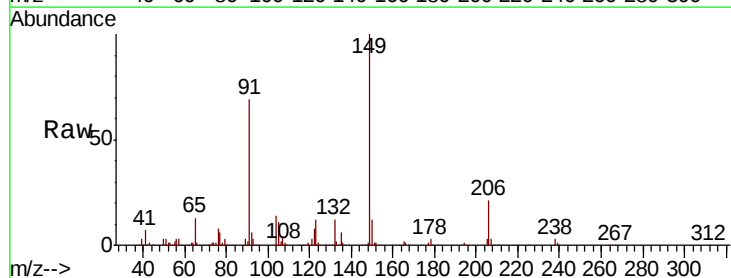
Tgt Ion:149 Resp: 517496

Ion Ratio Lower Upper

149 100

91 69.2 55.2 82.8

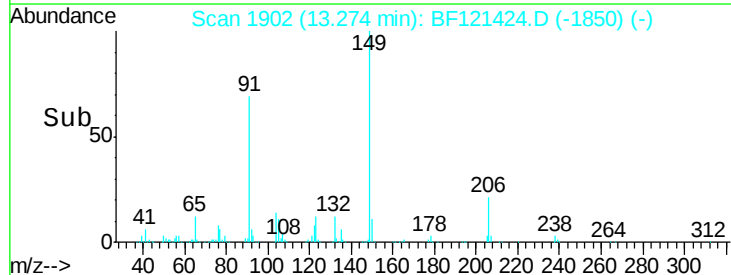
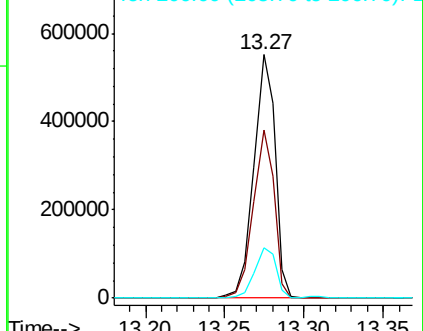
206 20.6 16.8 25.2

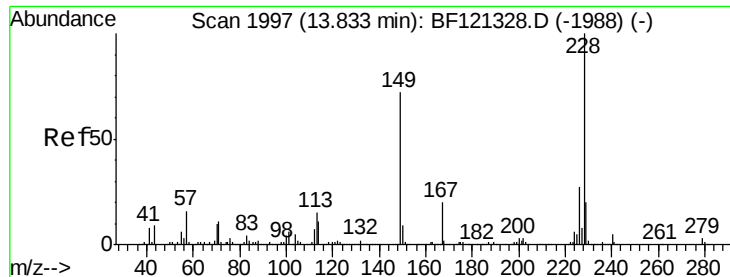


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.738 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

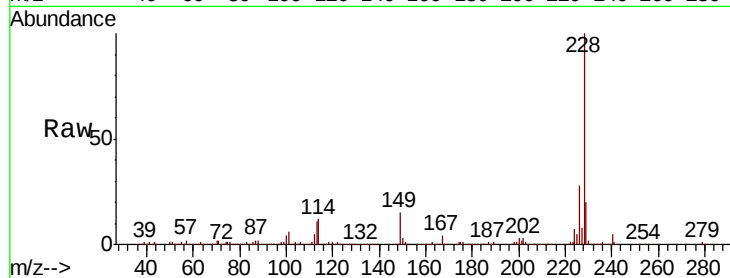
BNA_F

ClientSampleId :

PB131184BS

Tot Ion:228 Resp: 1021274

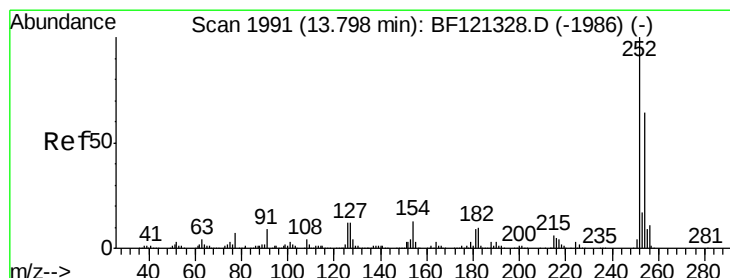
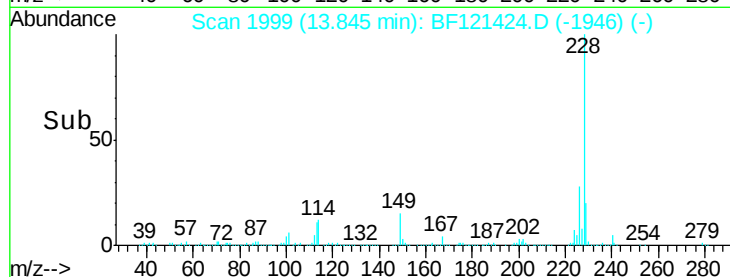
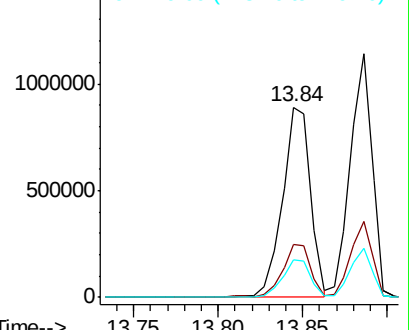
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.0	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.406 ng

RT: 13.81 min Scan# 1993

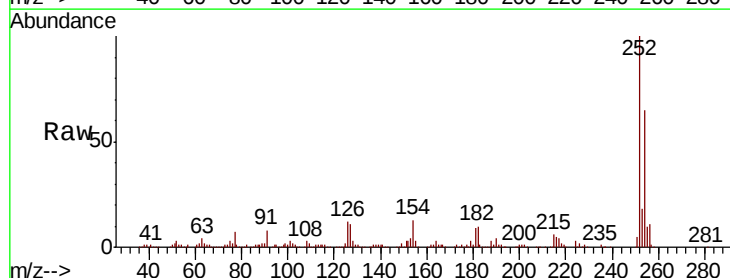
Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:252 Resp: 309355

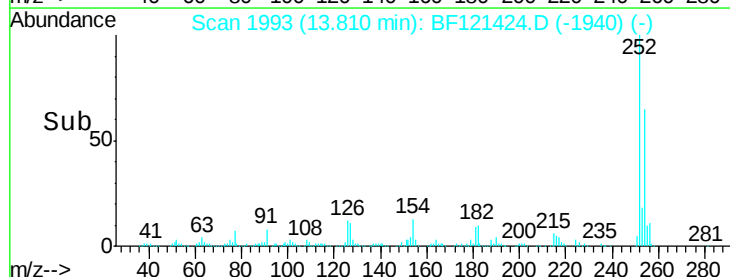
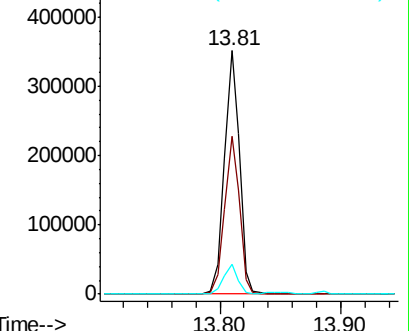
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	12.3	9.8	14.8

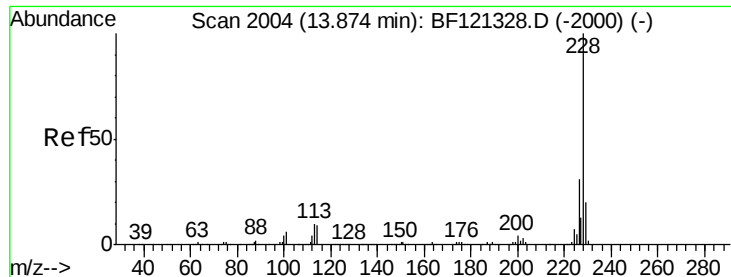


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.076 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

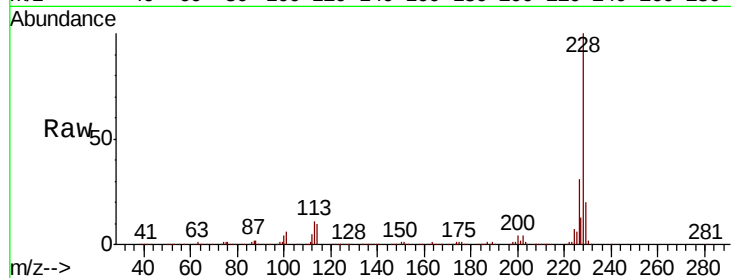
Tot Ion:228 Resp: 1024586

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

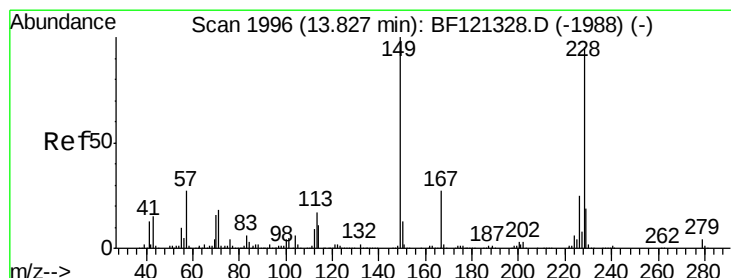
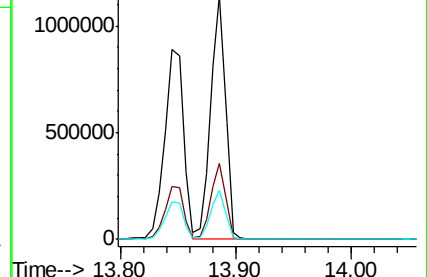
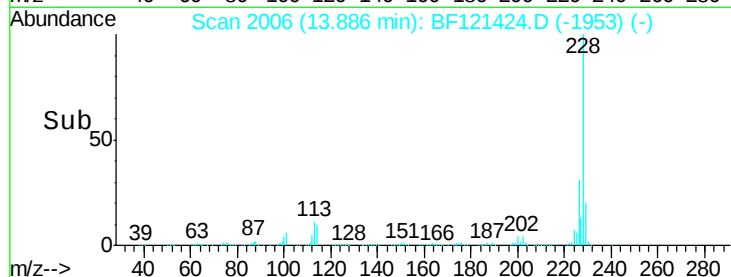
229 20.1 15.9 23.9



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: 35.996 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

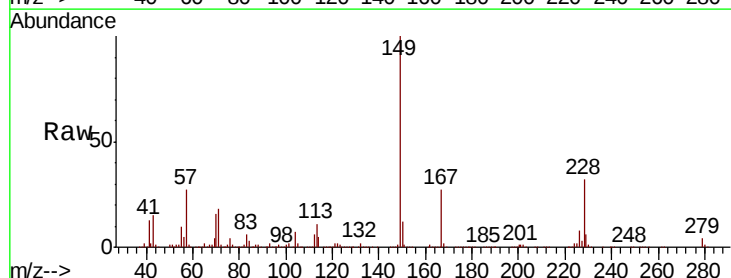
Tgt Ion:149 Resp: 646725

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

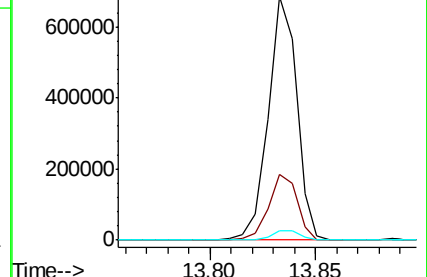
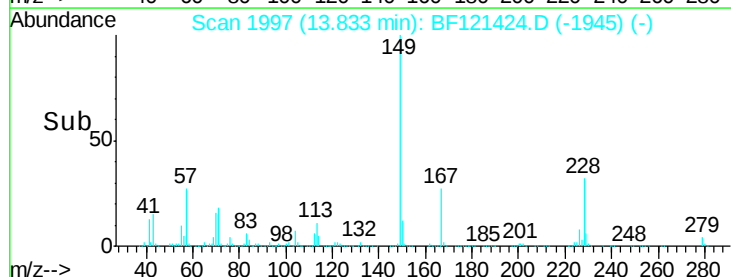
279 3.9 2.9 4.3

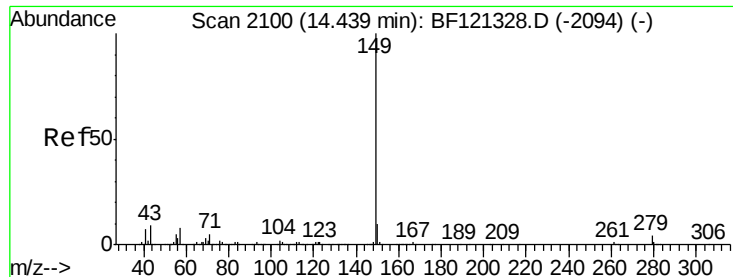


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.103 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

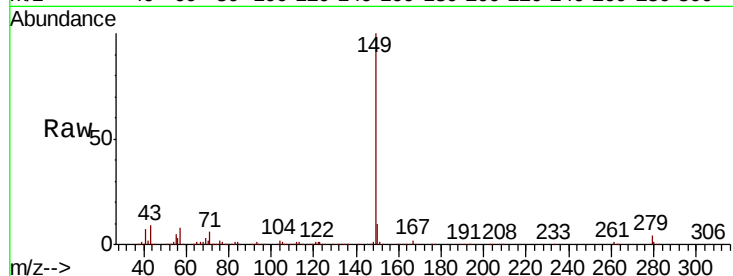
Tot Ion:149 Resp: 1200404

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

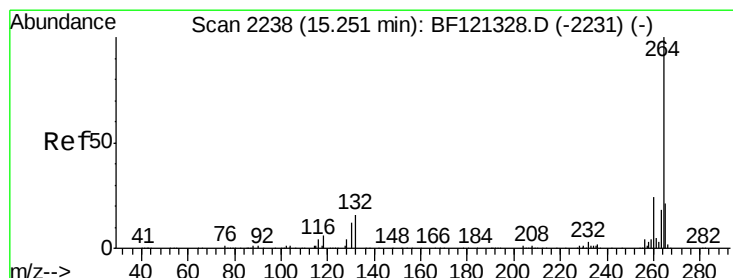
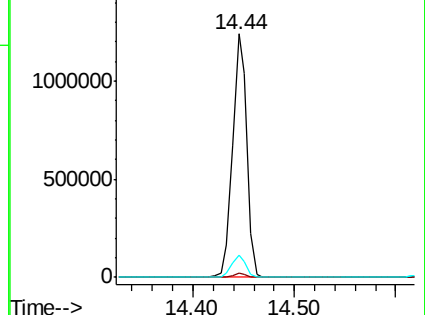
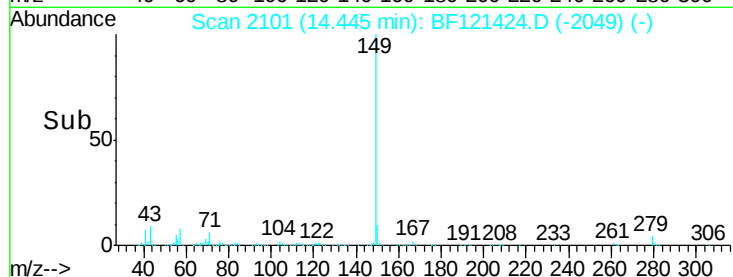
43 9.0 7.1 10.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

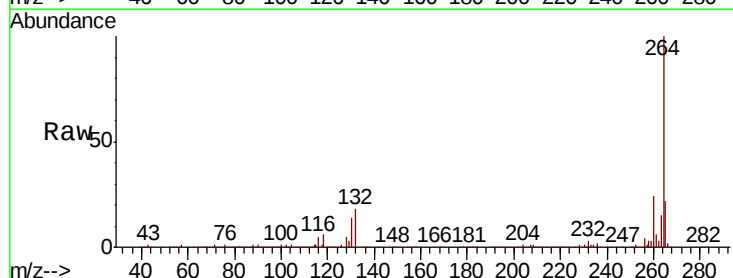
Tgt Ion:264 Resp: 522509

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

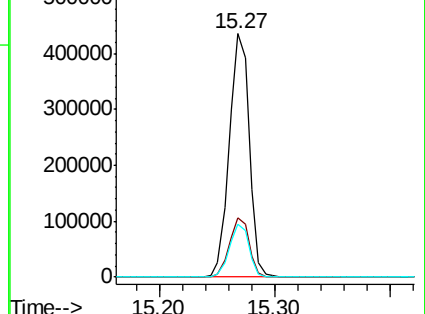
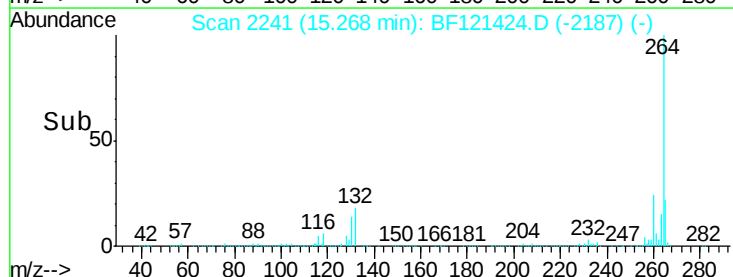
265 21.8 17.1 25.7

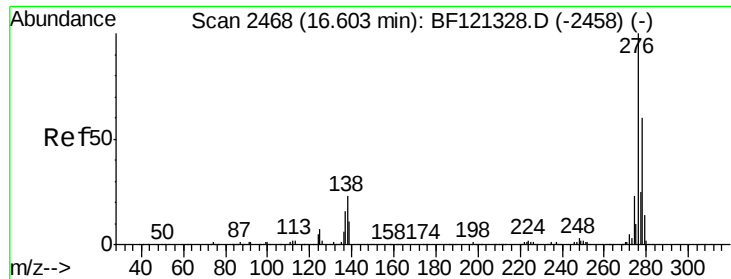


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

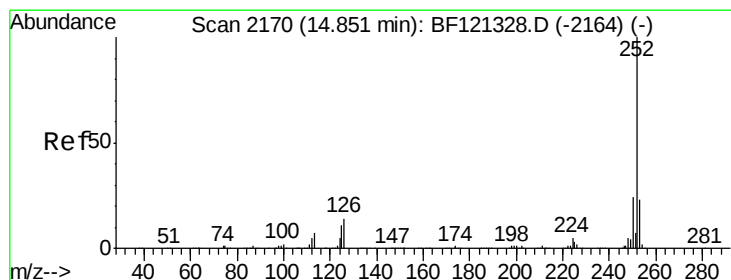
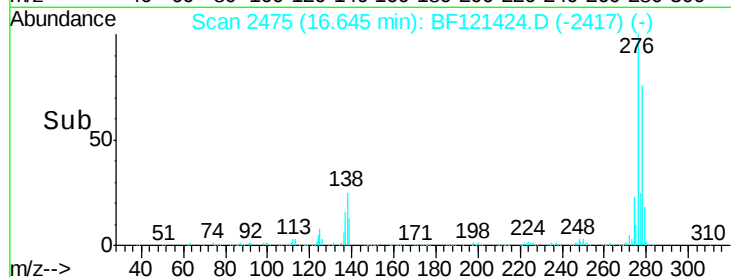
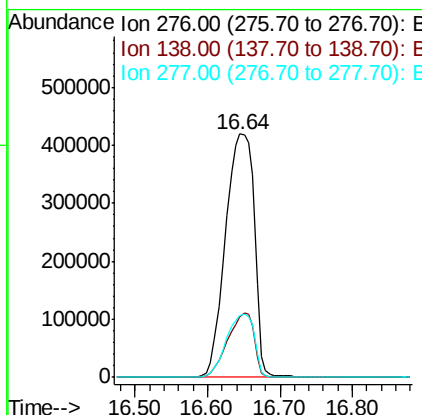
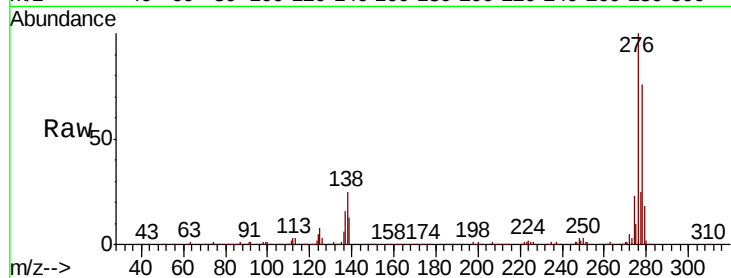




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.344 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.04 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

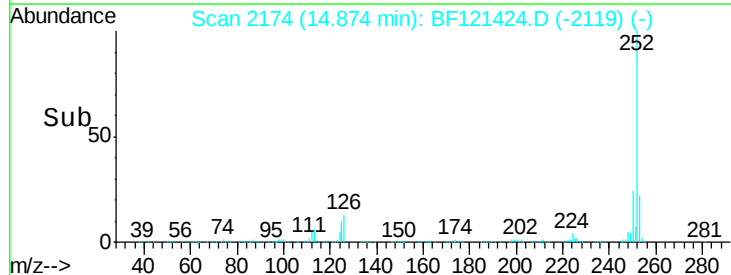
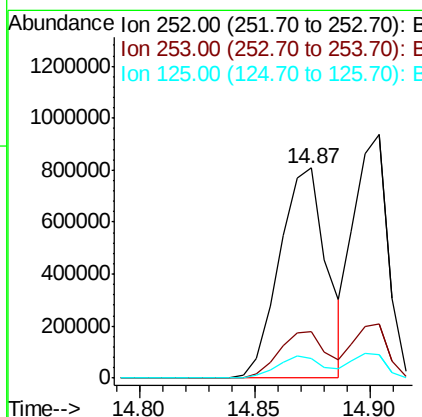
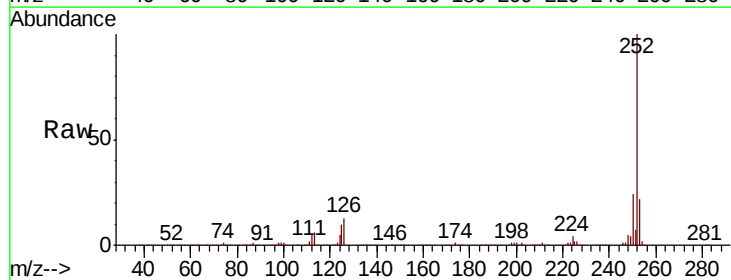
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

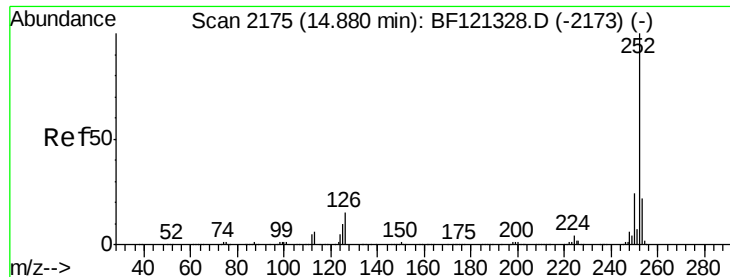
Tot Ion:276 Resp: 1159214
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.4 29.0
 277 25.2 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 33.947 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:252 Resp: 1145910
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 9.6 8.6 12.8

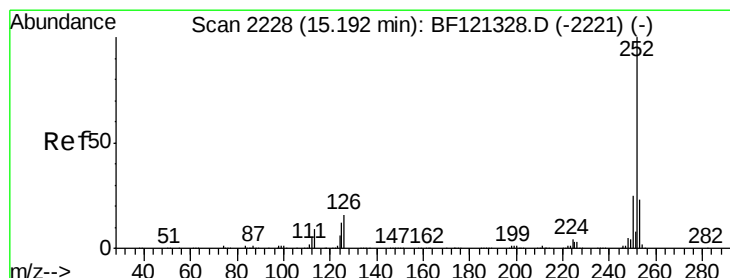
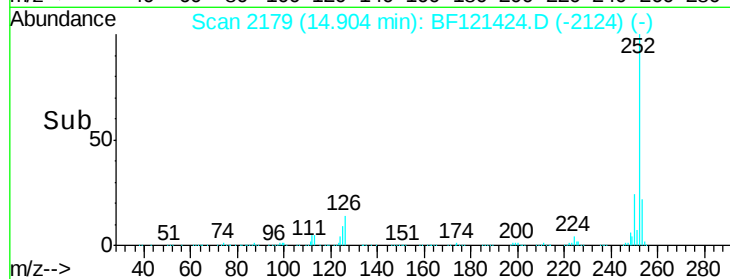
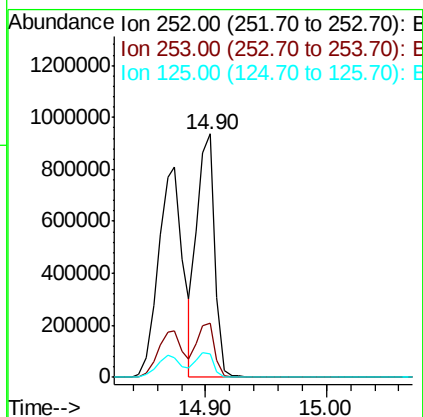
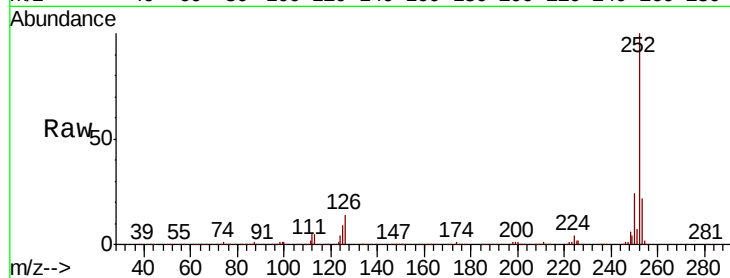




#89
Benzo(k)fluoranthene
Concen: 32.343 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

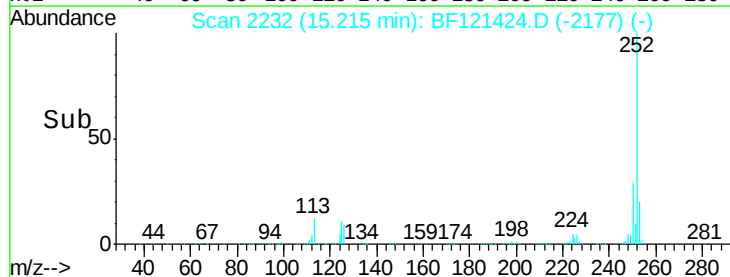
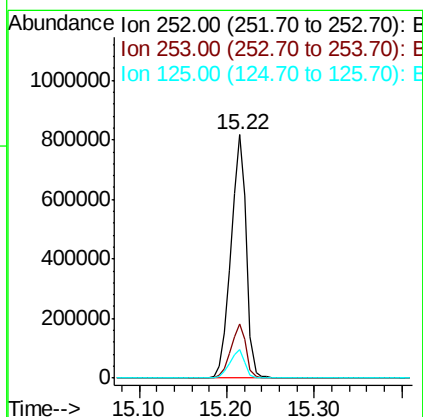
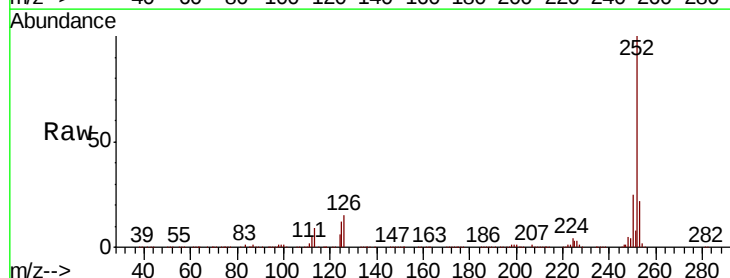
Instrument :
BNA_F
ClientSampleId :
PB131184BS

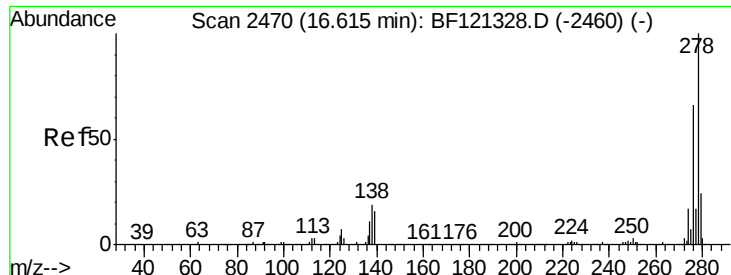
Tot Ion:252 Resp: 961044
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 33.909 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:252 Resp: 989023
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.5 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 36.249 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.04 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

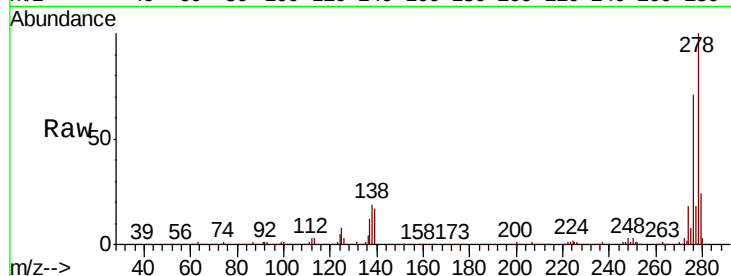
Tot Ion:278 Resp: 947962

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

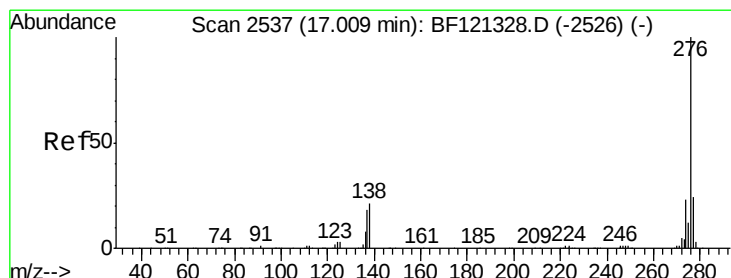
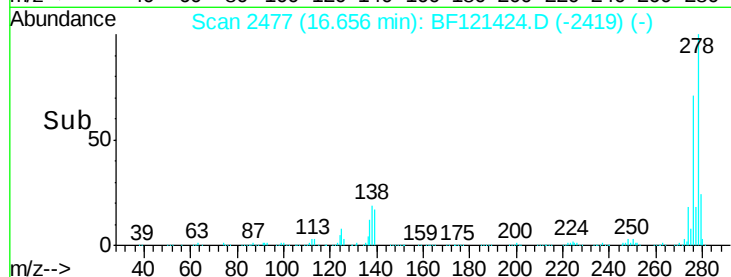
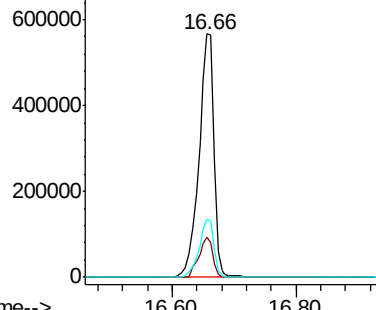
279 24.0 19.4 29.2



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: 38.720 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

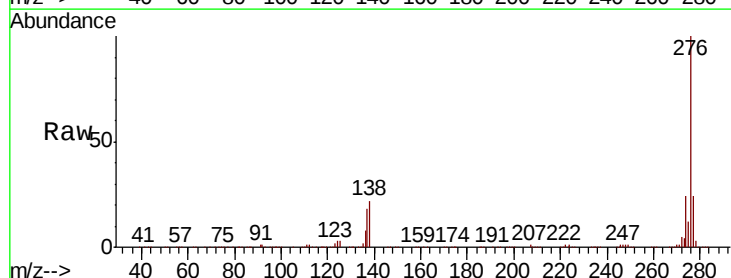
Tgt Ion:276 Resp: 989919

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 22.3 16.8 25.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

