

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132106.D
 Acq On : 17 Jan 2023 21:48
 Operator : CG\JU
 Sample : PB150209BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

Quant Time: Jan 18 05:49:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:47:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	224046	20.000	ng	0.00
21) Naphthalene-d8	8.390	136	834340	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	446293	20.000	ng	0.00
64) Phenanthrene-d10	11.654	188	885594	20.000	ng	0.00
76) Chrysene-d12	14.319	240	445933	20.000	ng	0.00
86) Perylene-d12	15.918	264	396449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	1529179	122.128	ng	0.02
7) Phenol-d6	6.719	99	2026779	125.490	ng	0.00
23) Nitrobenzene-d5	7.666	82	1387523	92.981	ng	0.00
42) 2,4,6-Tribromophenol	10.954	330	652843	144.513	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2196104	73.702	ng	0.00
79) Terphenyl-d14	13.254	244	2550886	96.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.190	88	242013	36.899	ng	100
3) Pyridine	3.890	79	642970	35.855	ng	100
4) n-Nitrosodimethylamine	3.860	42	388998	44.426	ng	98
6) Aniline	6.760	93	881762	37.897	ng	99
8) 2-Chlorophenol	6.884	128	652370	49.750	ng	98
9) Benzaldehyde	6.648	77	363937	31.205	ng	94
10) Phenol	6.737	94	742437	44.348	ng	97
11) bis(2-Chloroethyl)ether	6.831	93	645961	44.733	ng	98
12) 1,3-Dichlorobenzene	7.043	146	667288	45.494	ng	98
13) 1,4-Dichlorobenzene	7.119	146	665214	45.809	ng	98
14) 1,2-Dichlorobenzene	7.272	146	648084	46.418	ng	99
15) Benzyl Alcohol	7.237	79	592065	46.150	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	981217	44.494	ng	99
17) 2-Methylphenol	7.343	107	525173	43.733	ng	98
18) Hexachloroethane	7.619	117	257812	49.362	ng	92
19) n-Nitroso-di-n-propyla...	7.513	70	437176	42.498	ng	98
20) 3+4-Methylphenols	7.495	107	629808	42.771	ng	91
22) Acetophenone	7.513	105	809877	41.961	ng	98
24) Nitrobenzene	7.690	77	717372	45.254	ng	96
25) Isophorone	7.925	82	1375958	43.291	ng	99
26) 2-Nitrophenol	8.001	139	317701	50.614	ng	97
27) 2,4-Dimethylphenol	8.025	122	578415	44.733	ng	99
28) bis(2-Chloroethoxy)met...	8.131	93	764264	42.037	ng	99
29) 2,4-Dichlorophenol	8.237	162	556218	45.973	ng	95
30) 1,2,4-Trichlorobenzene	8.325	180	599634	44.506	ng	99
31) Naphthalene	8.413	128	1706395	41.550	ng	100
32) Benzoic acid	8.154	122	442173	48.026	ng	98
33) 4-Chloroaniline	8.448	127	237790	13.297	ng	96
34) Hexachlorobutadiene	8.525	225	391781	44.547	ng	99
35) Caprolactam	8.837	113	120698	30.769	ng	95
36) 4-Chloro-3-methylphenol	8.931	107	589888	46.284	ng	97
37) 2-Methylnaphthalene	9.107	142	1136538	40.236	ng	99
38) 1-Methylnaphthalene	9.207	142	1065267	40.153	ng	98
40) 1,2,4,5-Tetrachloroben...	9.272	216	593000	41.973	ng	99
41) Hexachlorocyclopentadiene	9.260	237	755615	108.019	ng	99
43) 2,4,6-Trichlorophenol	9.378	196	437763	47.343	ng	99

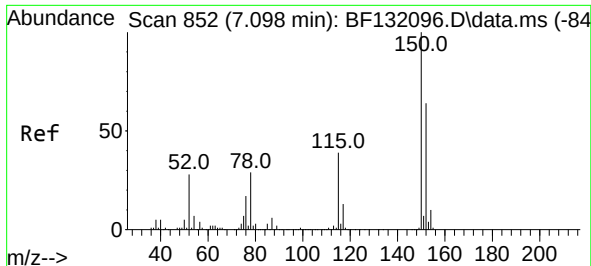
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.419	196	480517	44.934	ng	95
46) 1,1'-Biphenyl	9.572	154	1381142	41.706	ng	99
47) 2-Chloronaphthalene	9.601	162	1102302	42.872	ng	99
48) 2-Nitroaniline	9.689	65	393430	51.129	ng	98
49) Acenaphthylene	10.019	152	1764379	42.143	ng	100
50) Dimethylphthalate	9.872	163	1382292	43.204	ng	100
51) 2,6-Dinitrotoluene	9.931	165	316421	51.456	ng	90
52) Acenaphthene	10.189	154	1180796	47.224	ng	99
53) 3-Nitroaniline	10.101	138	206501	30.652	ng	98
54) 2,4-Dinitrophenol	10.207	184	324818	99.545	ng	# 78
55) Dibenzofuran	10.366	168	1615940	41.719	ng	99
56) 4-Nitrophenol	10.254	139	501327	99.259	ng	93
57) 2,4-Dinitrotoluene	10.342	165	410010	54.718	ng	98
58) Fluorene	10.713	166	1186793	41.382	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.478	232	400952	47.743	ng	100
60) Diethylphthalate	10.572	149	1373159	42.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.695	204	631191	41.433	ng	97
62) 4-Nitroaniline	10.731	138	298338	47.501	ng	96
63) Azobenzene	10.860	77	1347497	41.917	ng	98
65) 4,6-Dinitro-2-methylph...	10.748	198	205133	48.447	ng	94
66) n-Nitrosodiphenylamine	10.819	169	1107648	41.739	ng	99
67) 4-Bromophenyl-phenylether	11.195	248	423889	42.766	ng	94
68) Hexachlorobenzene	11.260	284	451909	45.821	ng	96
69) Atrazine	11.342	200	416544	48.035	ng	98
70) Pentachlorophenol	11.454	266	545661	81.345	ng	99
71) Phenanthrene	11.683	178	1820993	41.360	ng	100
72) Anthracene	11.736	178	1840401	41.260	ng	100
73) Carbazole	11.883	167	1651915	41.899	ng	99
74) Di-n-butylphthalate	12.207	149	2032131	43.366	ng	100
75) Fluoranthene	12.877	202	1960064	41.322	ng	99
77) Benzidine	12.995	184	567577	48.484	ng	99
78) Pyrene	13.113	202	1960892	46.730	ng	100
80) Butylbenzylphthalate	13.724	149	748489	54.156	ng	97
81) Benzo(a)anthracene	14.307	228	1404101	44.760	ng	98
82) 3,3'-Dichlorobenzidine	14.266	252	248390	30.219	ng	99
83) Chrysene	14.348	228	1290377	43.731	ng	100
84) Bis(2-ethylhexyl)phtha...	14.283	149	989568	52.215	ng	100
85) Di-n-octyl phthalate	14.924	149	1382534	51.784	ng	99
87) Indeno(1,2,3-cd)pyrene	17.589	276	1218458	54.075	ng	99
88) Benzo(b)fluoranthene	15.436	252	1227736	48.853	ng	99
89) Benzo(k)fluoranthene	15.471	252	1148210	45.228	ng	100
90) Benzo(a)pyrene	15.854	252	1023443	45.000	ng	99
91) Dibenzo(a,h)anthracene	17.618	278	976694	54.001	ng	98
92) Benzo(g,h,i)perylene	18.107	276	1017200	54.270	ng	98

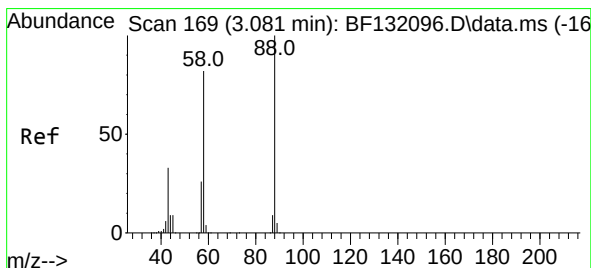
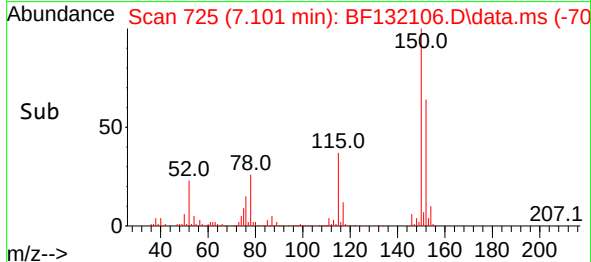
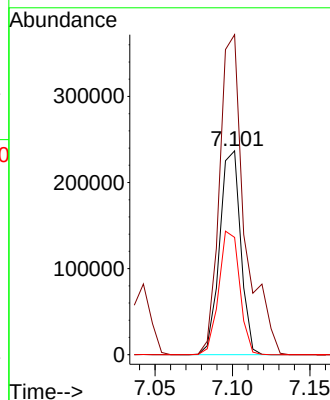
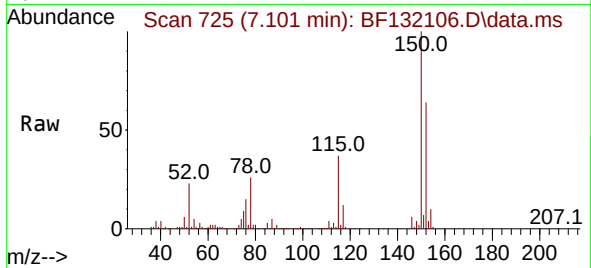
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.101 min Scan# 71
 Delta R.T. 0.003 min
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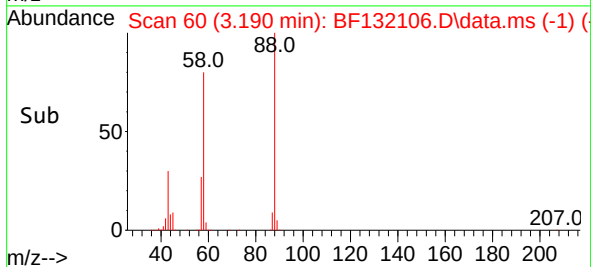
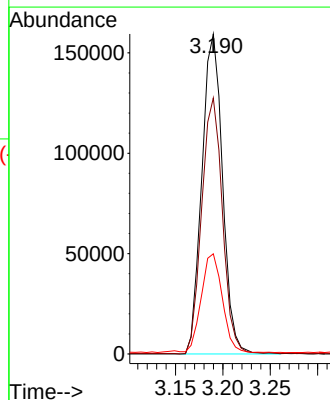
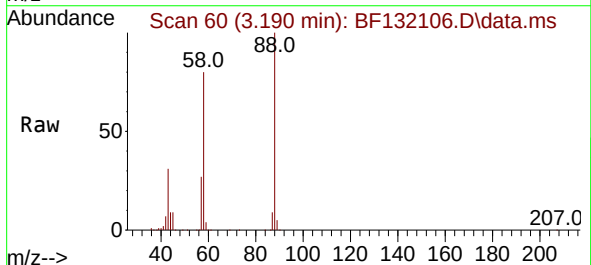
Instrument :
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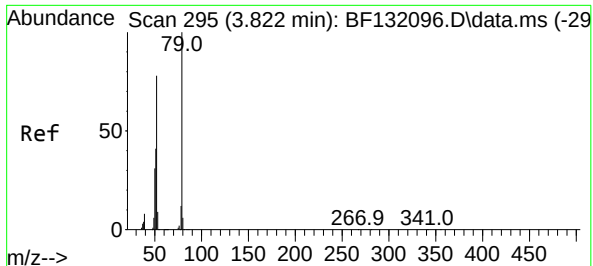
Tgt Ion:152 Resp: 224046
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 57.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 36.899 ng
 RT: 3.190 min Scan# 60
 Delta R.T. 0.109 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

Tgt Ion: 88 Resp: 242013
 Ion Ratio Lower Upper
 88 100
 58 80.6 64.4 96.6
 43 31.9 25.4 38.0

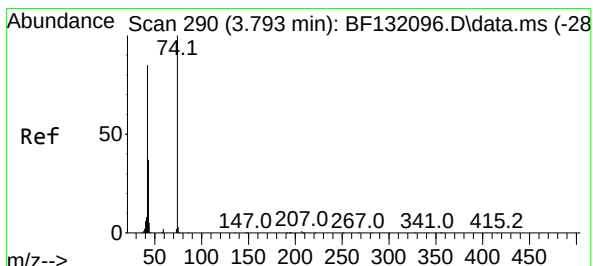
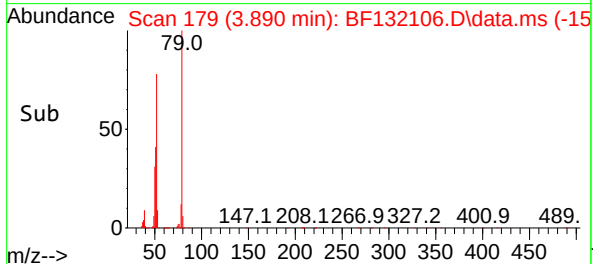
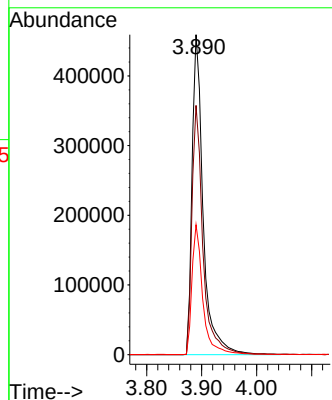
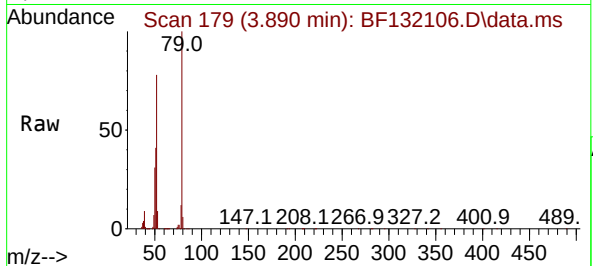




#3
 Pyridine
 Concen: 35.855 ng
 RT: 3.890 min Scan# 11
 Delta R.T. 0.068 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

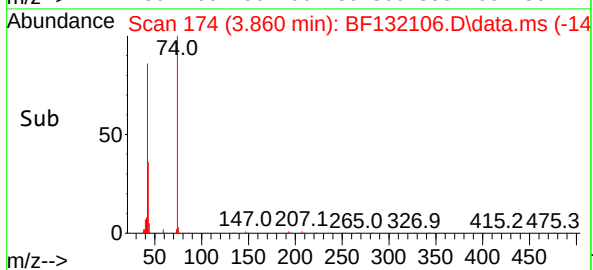
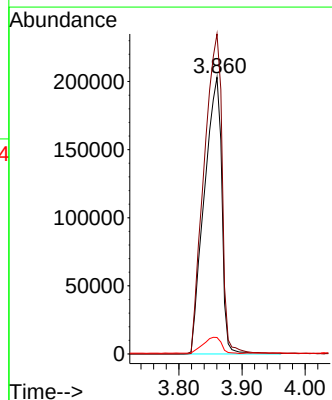
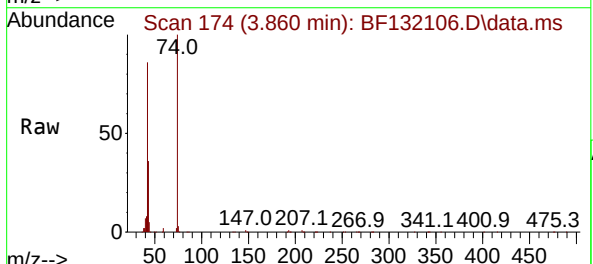
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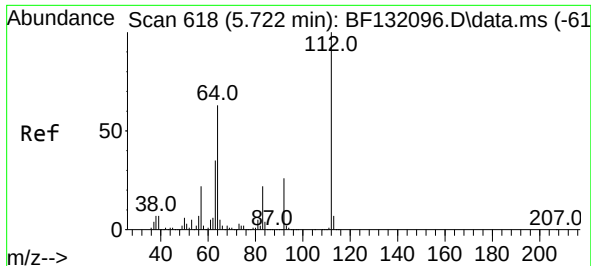
Tgt Ion: 79 Resp: 642970
 Ion Ratio Lower Upper
 79 100
 52 77.9 62.6 94.0
 51 40.6 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 44.426 ng
 RT: 3.860 min Scan# 174
 Delta R.T. 0.067 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

Tgt Ion: 42 Resp: 388998
 Ion Ratio Lower Upper
 42 100
 74 115.7 94.6 142.0
 44 6.0 5.2 7.8

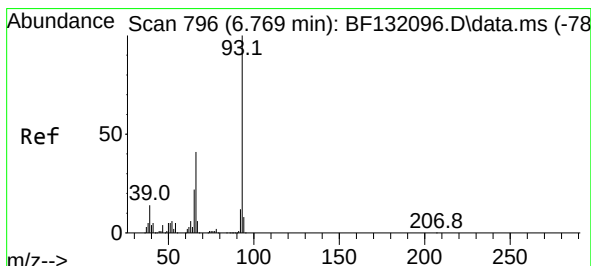
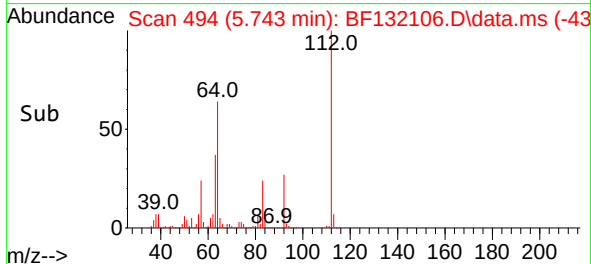
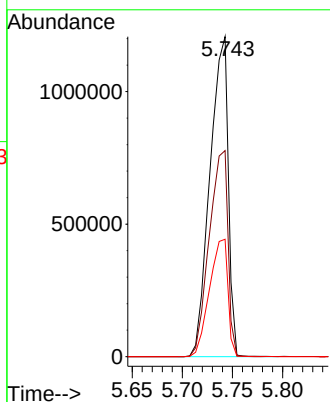
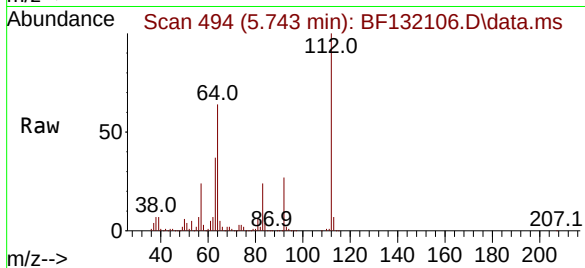




#5
2-Fluorophenol
Concen: 122.128 ng
RT: 5.743 min Scan# 494
Delta R.T. 0.021 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

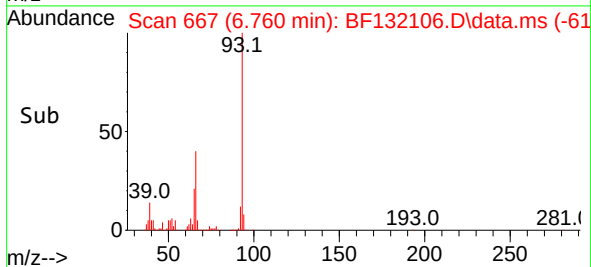
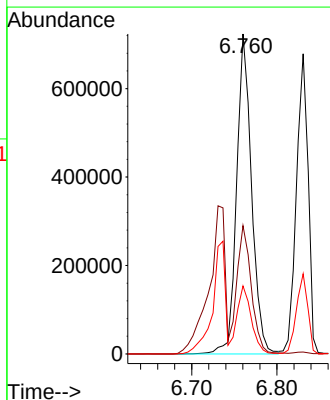
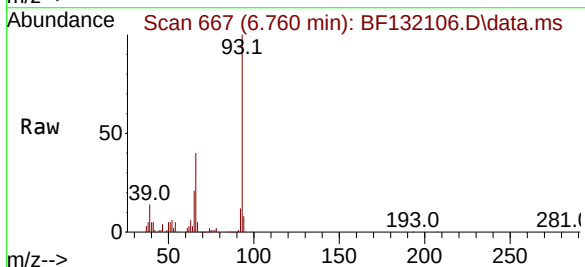
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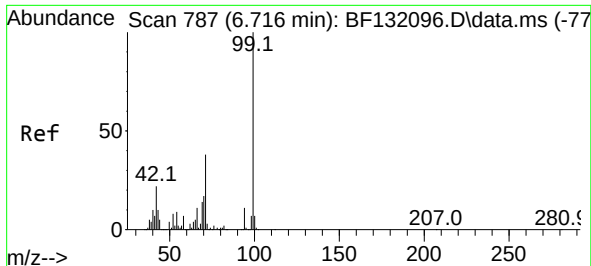
Tgt Ion:112 Resp: 1529179
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 36.7 28.0 42.0



#6
Aniline
Concen: 37.897 ng
RT: 6.760 min Scan# 667
Delta R.T. -0.009 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion: 93 Resp: 881762
Ion Ratio Lower Upper
93 100
66 40.1 32.7 49.1
65 21.2 17.4 26.0

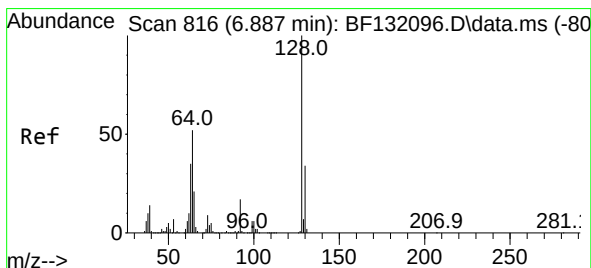
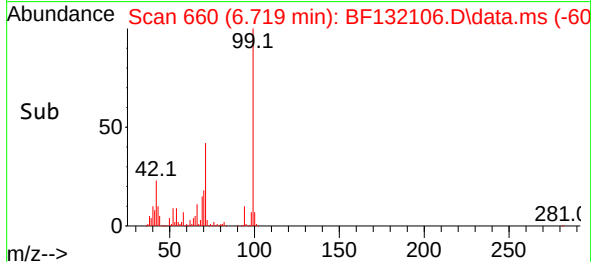
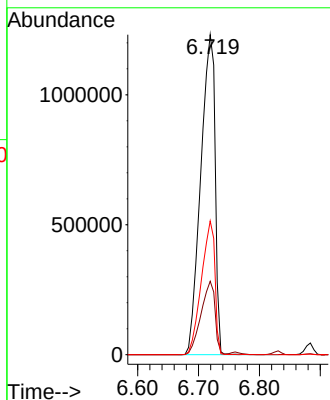
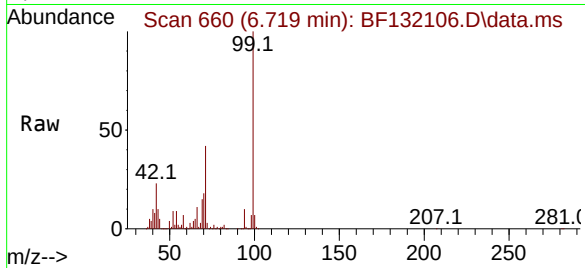




#7
Phenol-d6
Concen: 125.490 ng
RT: 6.719 min Scan# 60
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

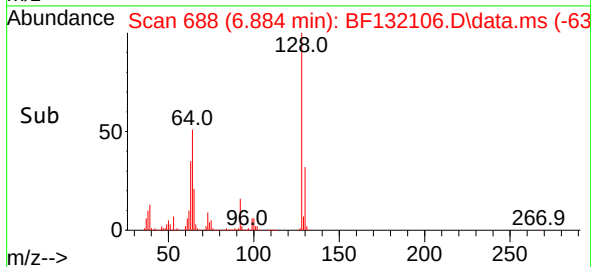
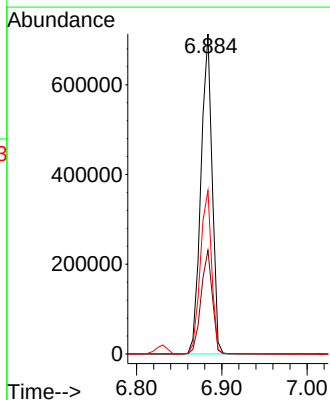
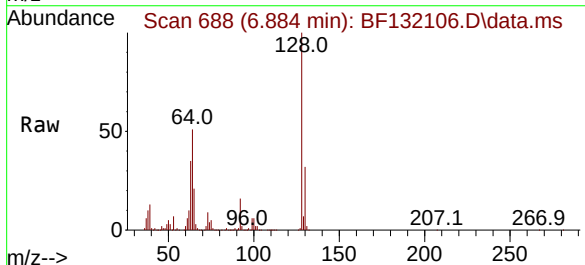
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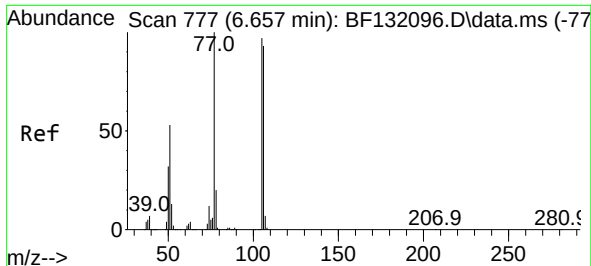
Tgt Ion: 99 Resp: 2026779
Ion Ratio Lower Upper
99 100
42 22.9 17.2 25.8
71 41.8 30.4 45.6



#8
2-Chlorophenol
Concen: 49.750 ng
RT: 6.884 min Scan# 688
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion: 128 Resp: 652370
Ion Ratio Lower Upper
128 100
130 32.4 13.5 53.5
64 51.0 32.1 72.1

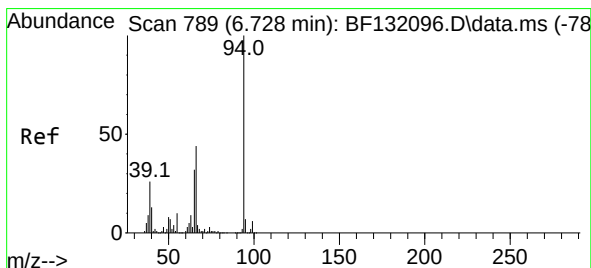
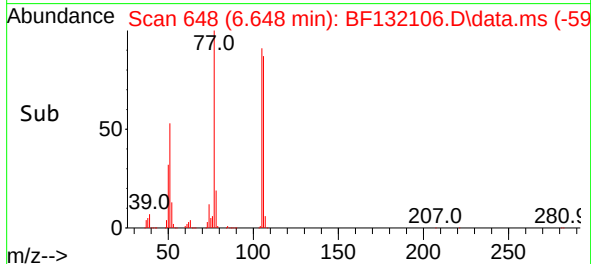
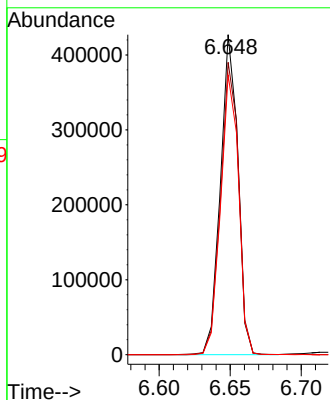
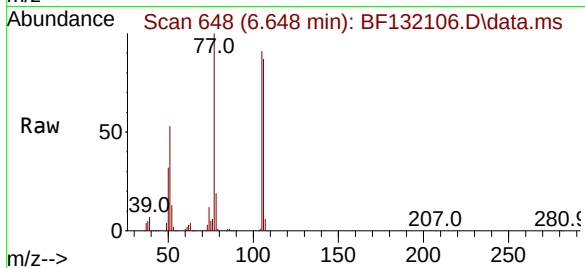




#9
Benzaldehyde
Concen: 31.205 ng
RT: 6.648 min Scan# 64
Delta R.T. -0.009 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

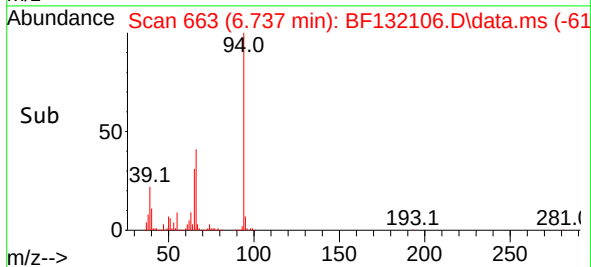
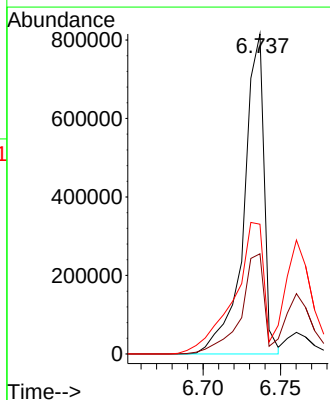
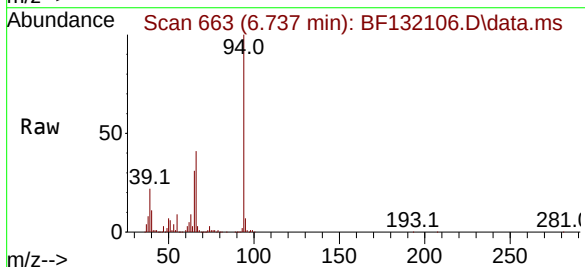
Instrument :
BNA_F
ClientSampleId :
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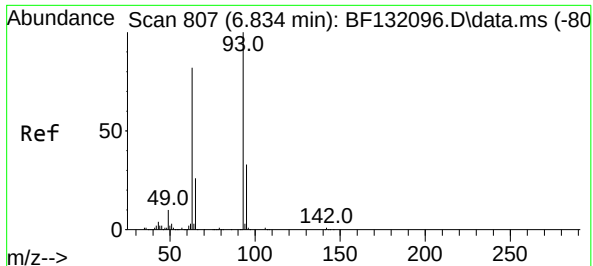
Tgt Ion: 77 Resp: 363937
Ion Ratio Lower Upper
77 100
105 91.3 77.4 117.4
106 87.4 73.0 113.0



#10
Phenol
Concen: 44.348 ng
RT: 6.737 min Scan# 663
Delta R.T. 0.009 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion: 94 Resp: 742437
Ion Ratio Lower Upper
94 100
65 31.3 12.3 52.3
66 40.5 23.6 63.6





#11

bis(2-Chloroethyl)ether

Concen: 44.733 ng

RT: 6.831 min Scan# 61

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

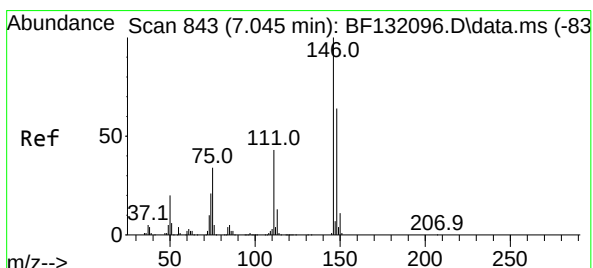
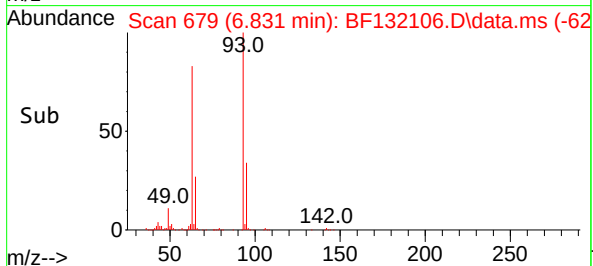
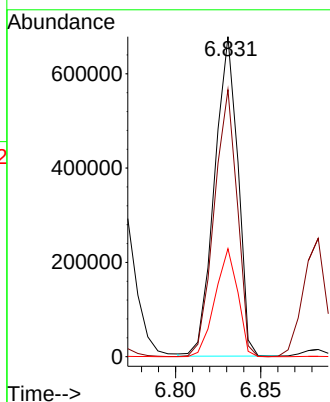
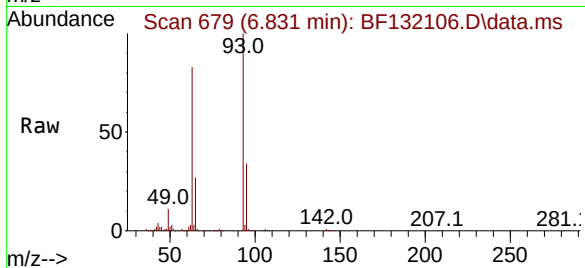
Tgt Ion: 93 Resp: 645961

Ion Ratio Lower Upper

93 100

63 83.5 61.4 101.4

95 33.7 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 45.494 ng

RT: 7.043 min Scan# 715

Delta R.T. -0.002 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

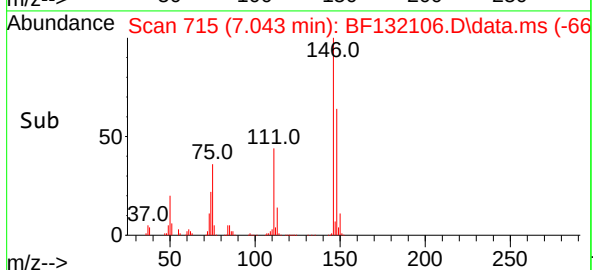
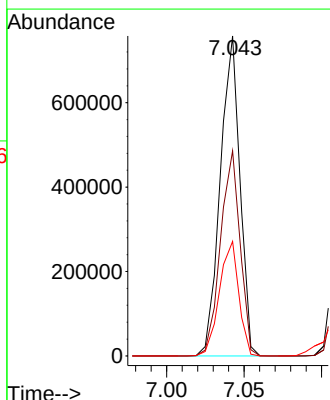
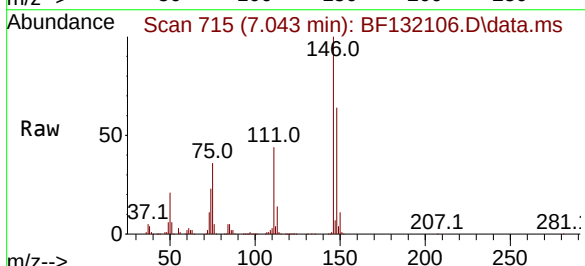
Tgt Ion: 146 Resp: 667288

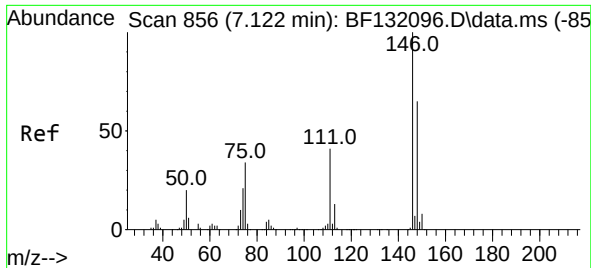
Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

75 35.8 26.8 40.2

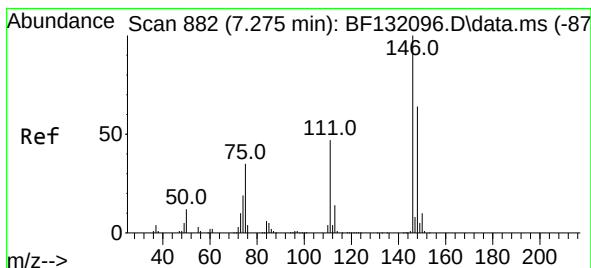
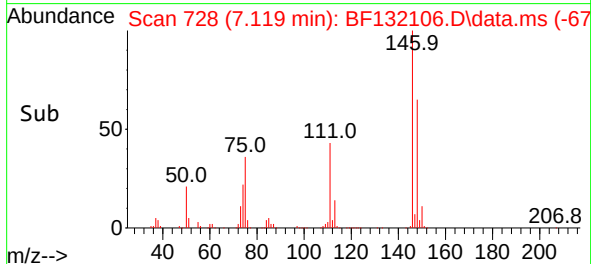
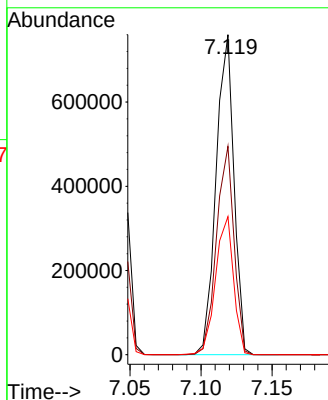
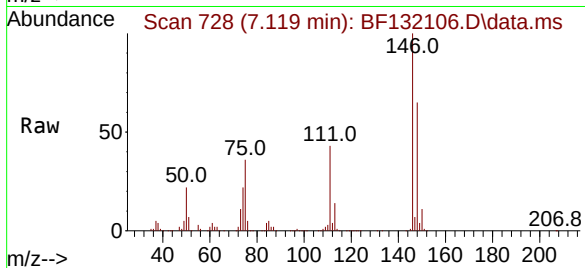




#13
1,4-Dichlorobenzene
Concen: 45.809 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

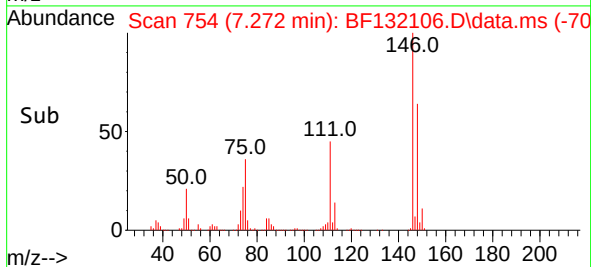
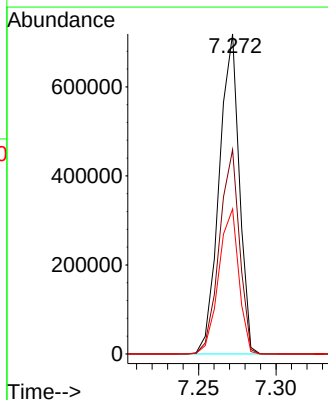
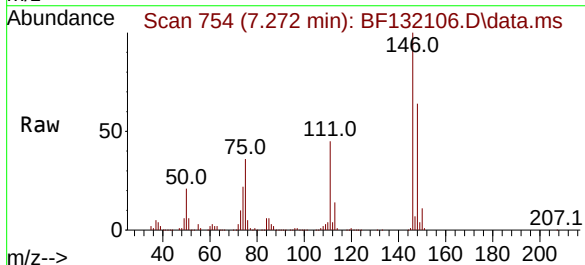
Instrument :
BNA_F
ClientSampleId :
PB150209BS

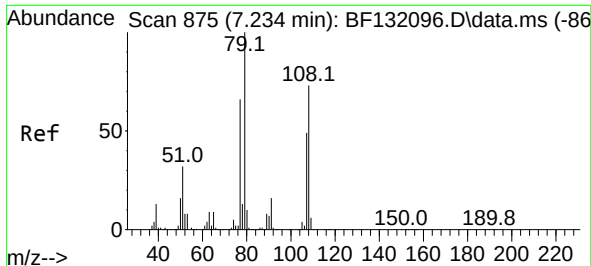
Tgt Ion:146 Resp: 665214
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
111 43.2 32.9 49.3



#14
1,2-Dichlorobenzene
Concen: 46.418 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:146 Resp: 648084
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 45.3 37.6 56.4

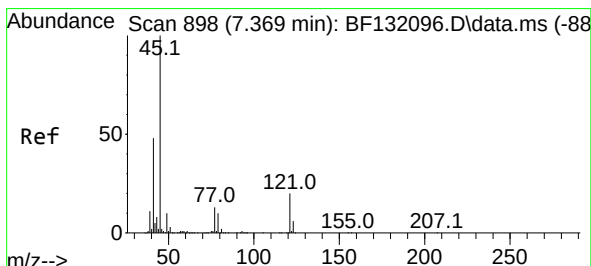
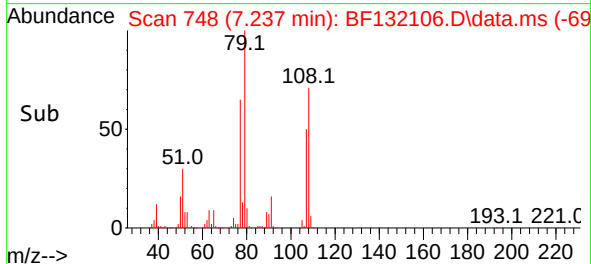
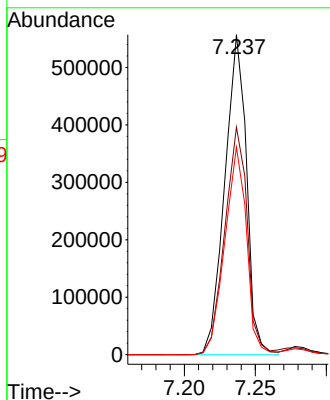
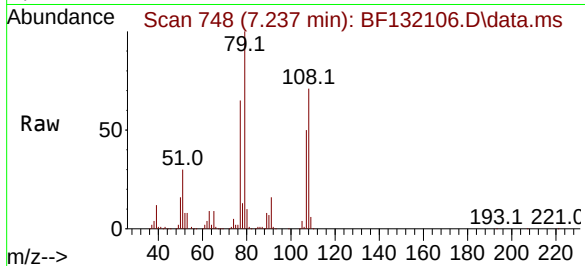




#15
Benzyl Alcohol
Concen: 46.150 ng
RT: 7.237 min Scan# 74
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

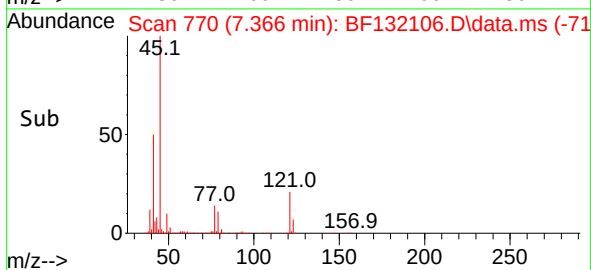
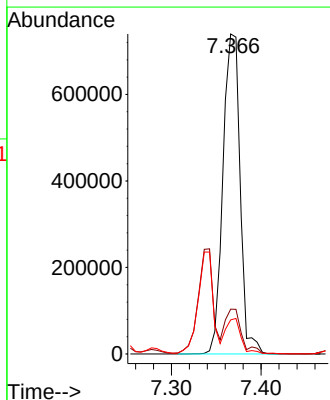
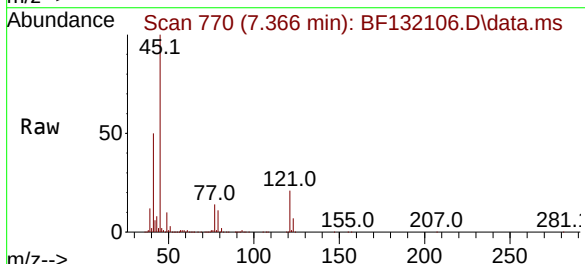
Instrument :
BNA_F
ClientSampleId :
PB150209BS

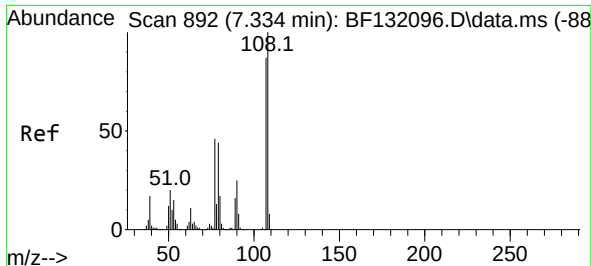
Tgt Ion: 79 Resp: 592065
Ion Ratio Lower Upper
79 100
108 71.1 58.3 87.5
77 64.9 52.6 78.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.494 ng
RT: 7.366 min Scan# 770
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion: 45 Resp: 981217
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.6
79 10.7 0.0 30.1

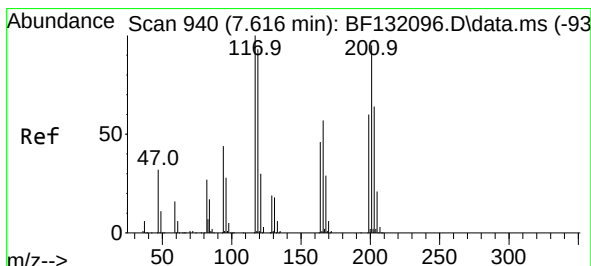
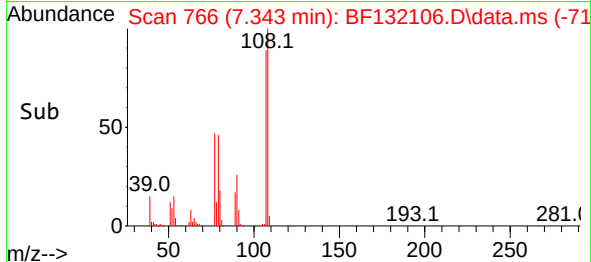
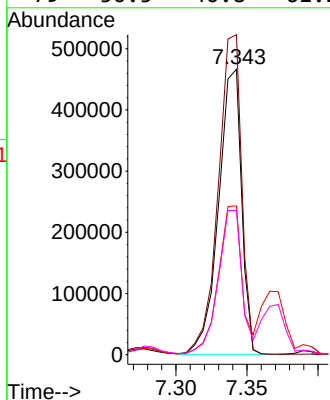
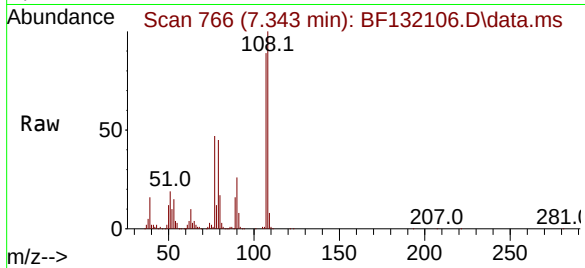




#17
2-Methylphenol
Concen: 43.733 ng
RT: 7.343 min Scan# 71
Delta R.T. 0.009 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

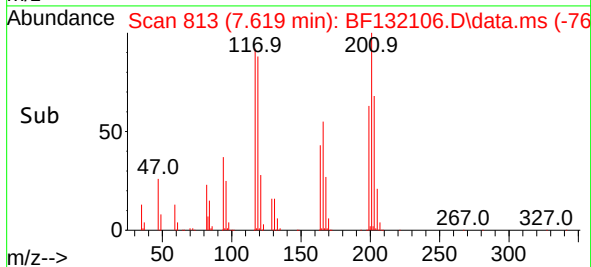
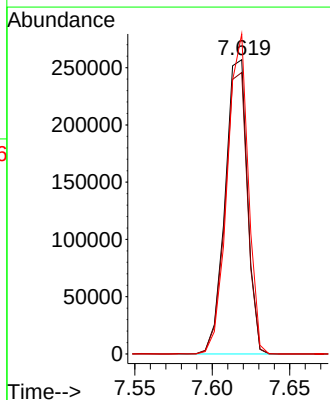
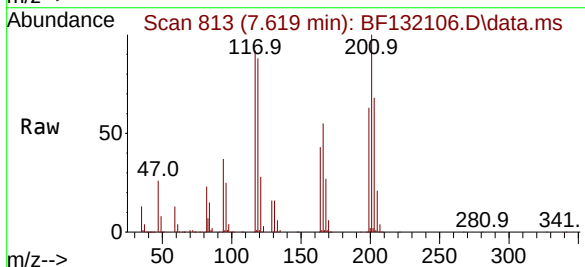
Instrument :
BNA_F
ClientSampleId :
PB150209BS

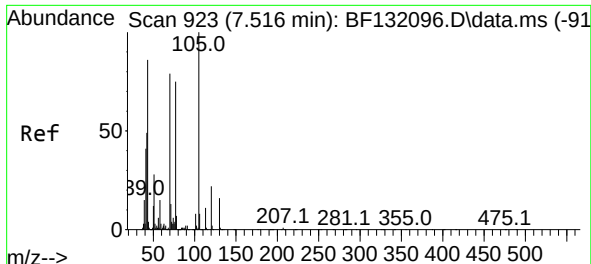
Tgt Ion:107 Resp: 525173
Ion Ratio Lower Upper
107 100
108 112.1 92.0 138.0
77 52.1 42.6 63.8
79 50.5 40.8 61.2



#18
Hexachloroethane
Concen: 49.362 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:117 Resp: 257812
Ion Ratio Lower Upper
117 100
119 95.7 74.3 111.5
201 108.8 76.3 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.498 ng

RT: 7.513 min Scan# 791

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

Tgt Ion: 70 Resp: 437176

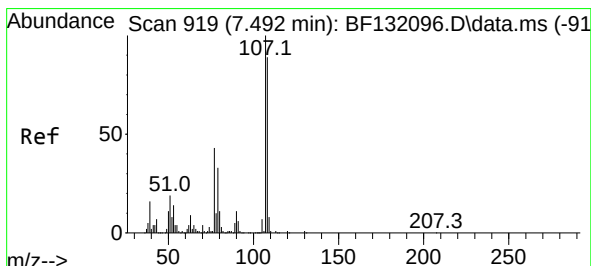
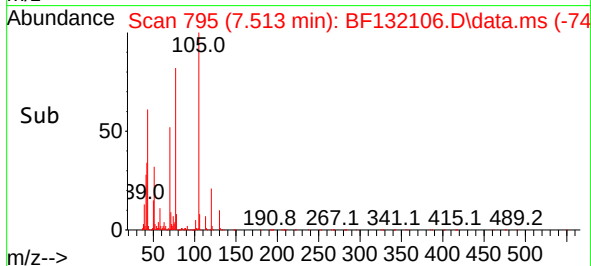
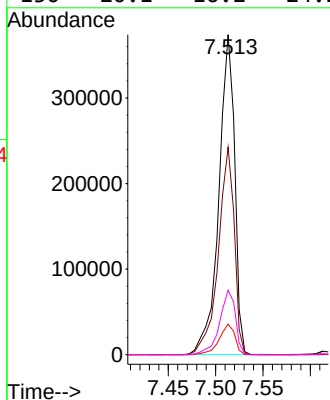
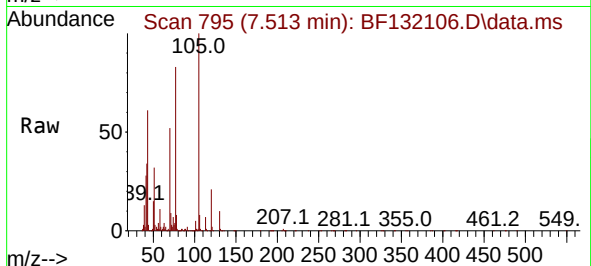
Ion Ratio Lower Upper

70 100

42 64.8 50.1 75.1

101 9.5 7.8 11.8

130 20.1 16.2 24.2



#20

3+4-Methylphenols

Concen: 42.771 ng

RT: 7.495 min Scan# 792

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Tgt Ion: 107 Resp: 629808

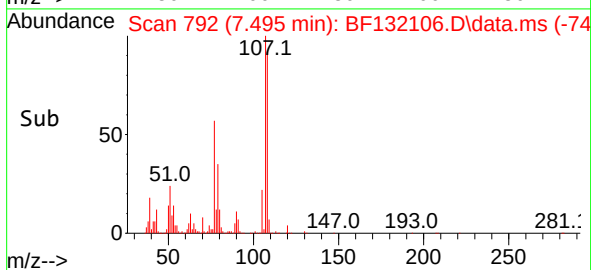
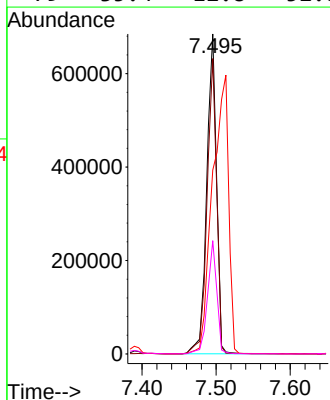
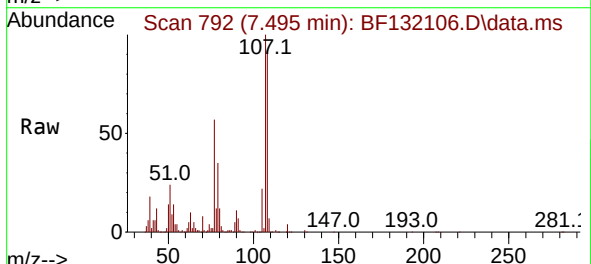
Ion Ratio Lower Upper

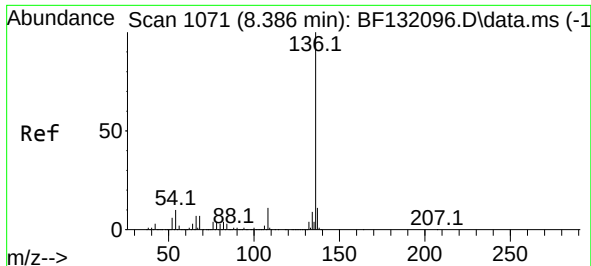
107 100

108 92.3 69.1 109.1

77 57.4 23.1 63.1

79 35.4 12.8 52.8

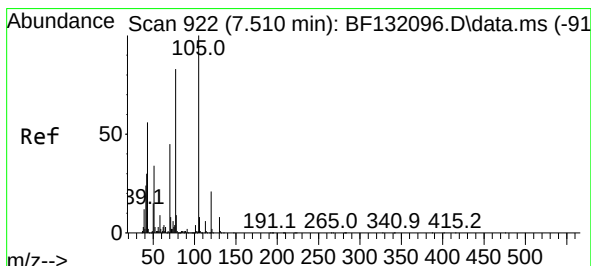
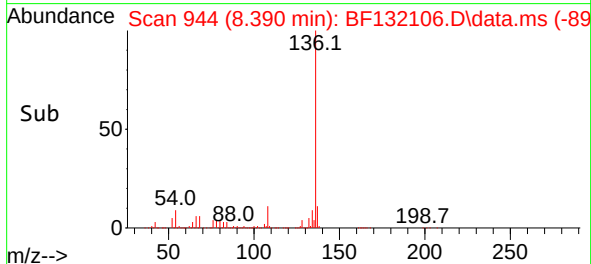
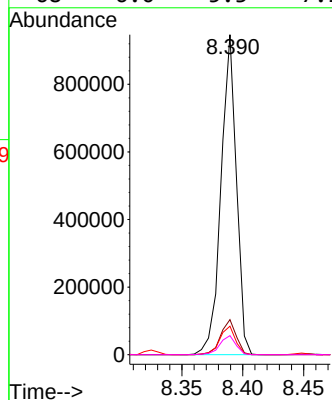
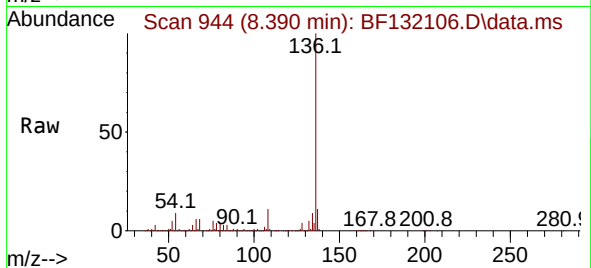




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.390 min Scan# 94
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

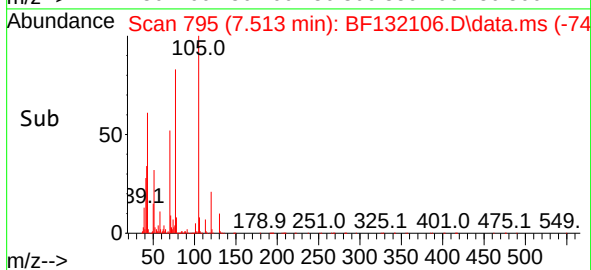
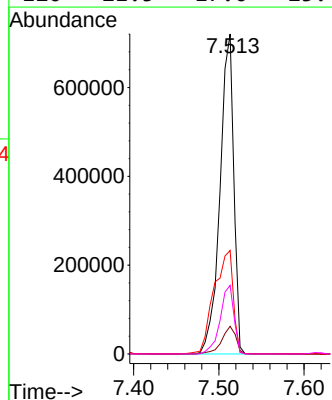
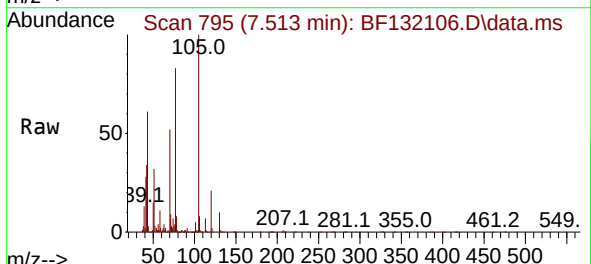
Instrument :
BNA_F
ClientSampleId :
PB150209BS

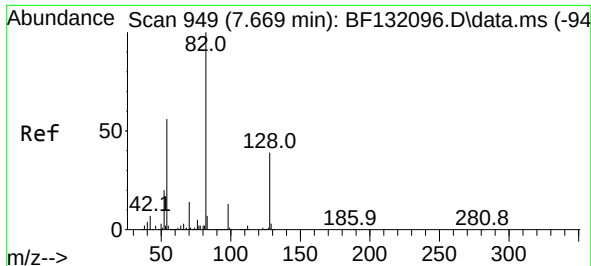
Tgt Ion:136 Resp: 834340
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.9 7.9 11.9
68 6.0 5.3 7.9



#22
Acetophenone
Concen: 41.961 ng
RT: 7.513 min Scan# 795
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:105 Resp: 809877
Ion Ratio Lower Upper
105 100
71 8.6 6.1 9.1
51 32.4 27.4 41.2
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 92.981 ng

RT: 7.666 min Scan# 81

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

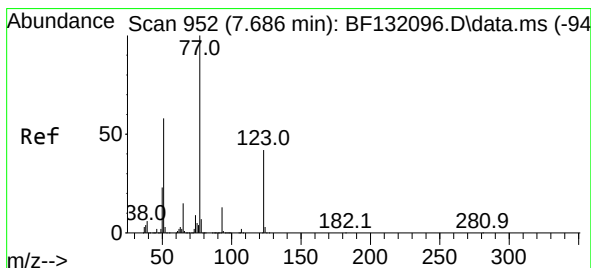
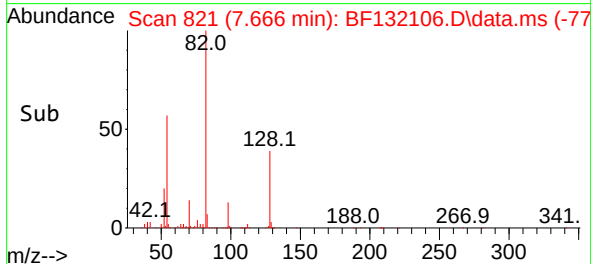
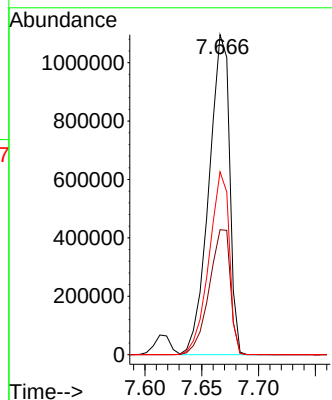
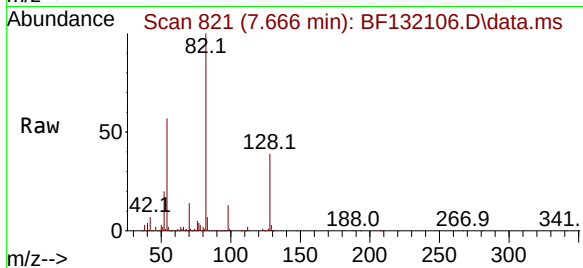
BNA_F

ClientSampleId :

PB150209BS

Tgt Ion: 82 Resp: 1387523

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.2	46.8
54	57.1	45.1	67.7



#24

Nitrobenzene

Concen: 45.254 ng

RT: 7.690 min Scan# 825

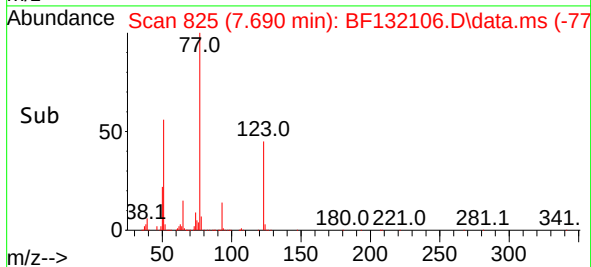
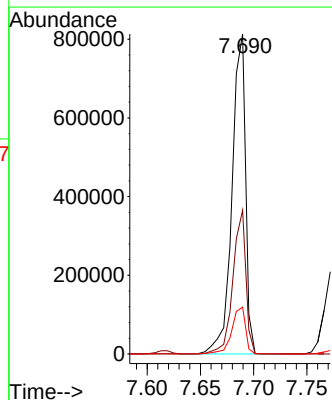
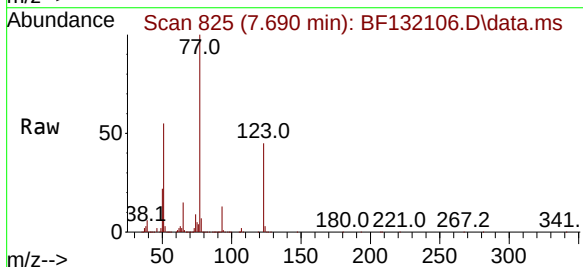
Delta R.T. 0.004 min

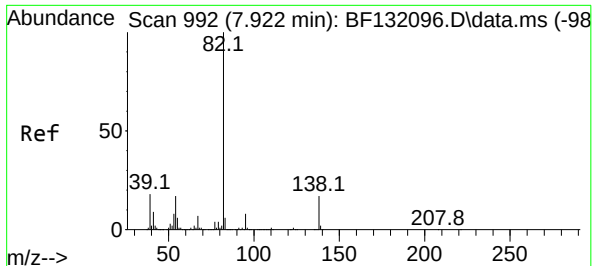
Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Tgt Ion: 77 Resp: 717372

Ion	Ratio	Lower	Upper
77	100		
123	44.9	33.4	50.0
65	14.7	11.6	17.4

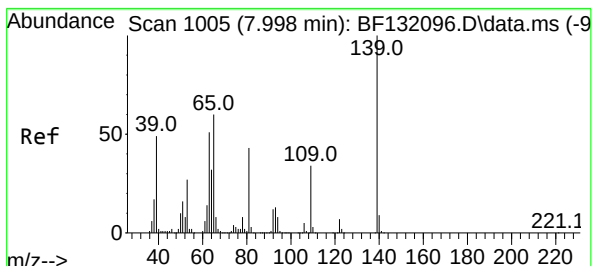
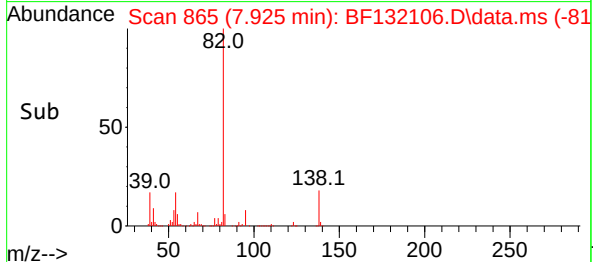
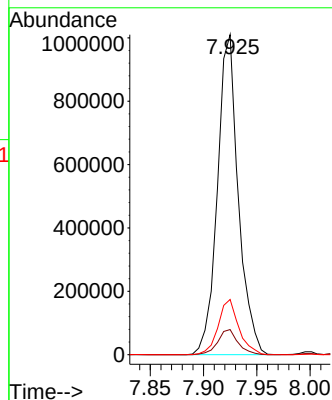
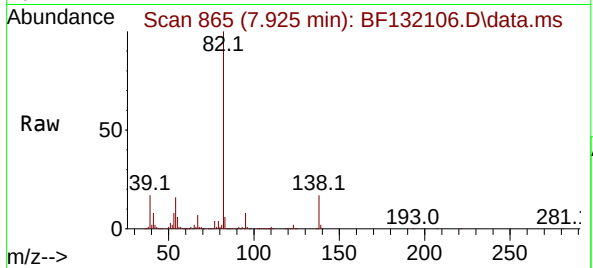




#25
Isophorone
Concen: 43.291 ng
RT: 7.925 min Scan# 80
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

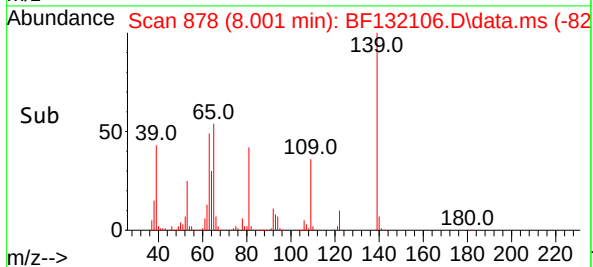
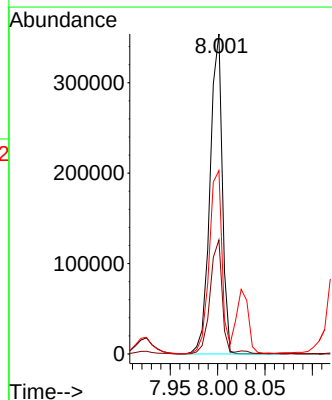
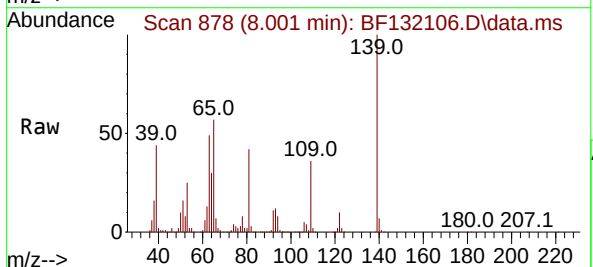
Instrument :
BNA_F
ClientSampleId :
PB150209BS

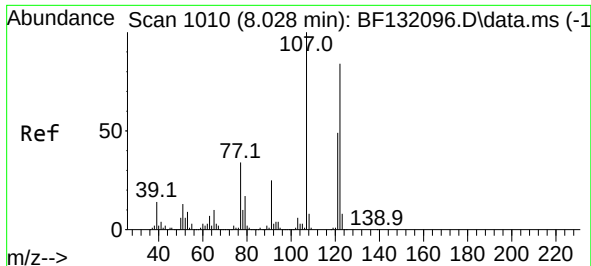
Tgt Ion: 82 Resp: 1375958
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.3 13.4 20.0



#26
2-Nitrophenol
Concen: 50.614 ng
RT: 8.001 min Scan# 878
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion: 139 Resp: 317701
Ion Ratio Lower Upper
139 100
109 35.6 27.6 41.4
65 57.3 47.9 71.9





#27

2,4-Dimethylphenol

Concen: 44.733 ng

RT: 8.025 min Scan# 81

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

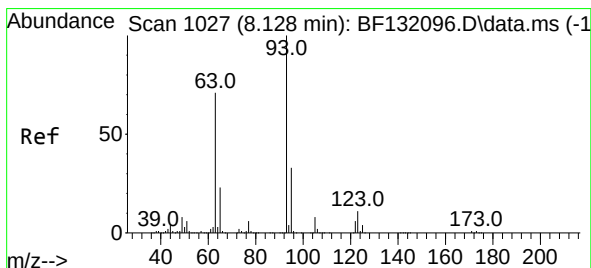
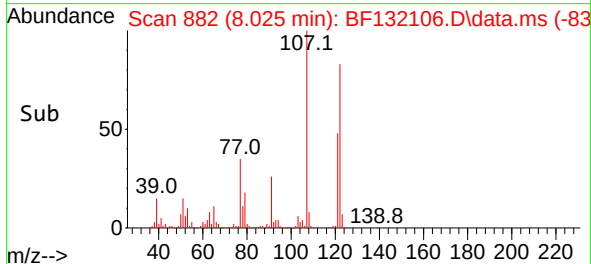
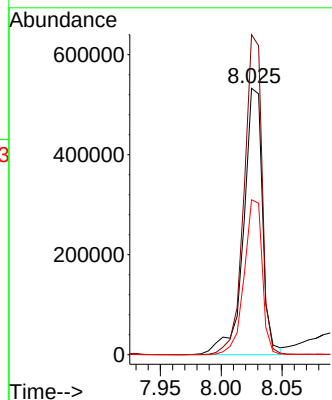
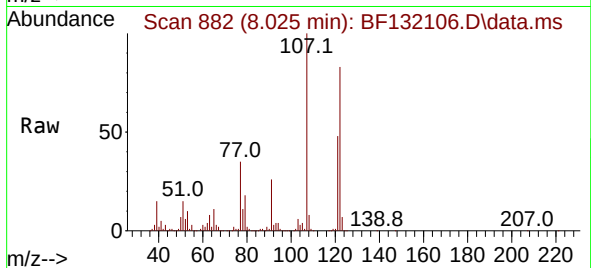
Tgt Ion:122 Resp: 578415

Ion Ratio Lower Upper

122 100

107 120.1 95.6 143.4

121 58.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.037 ng

RT: 8.131 min Scan# 900

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

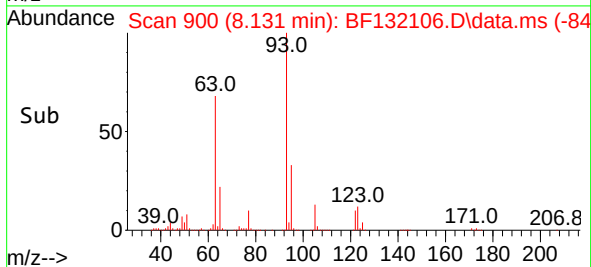
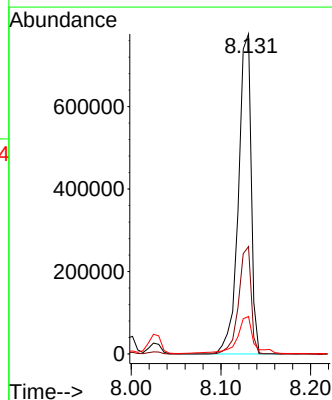
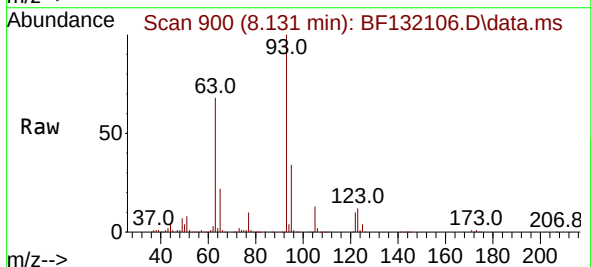
Tgt Ion: 93 Resp: 764264

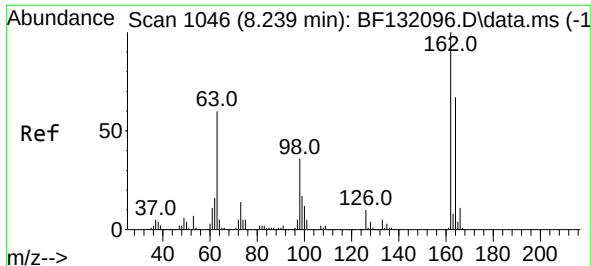
Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.973 ng

RT: 8.237 min Scan# 91

Delta R.T. -0.002 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

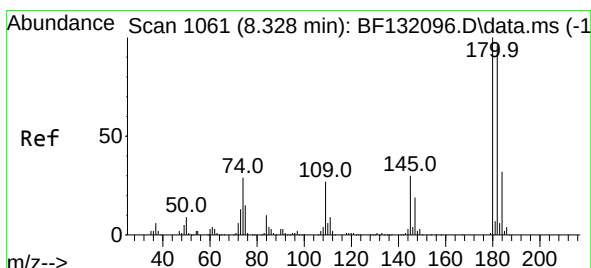
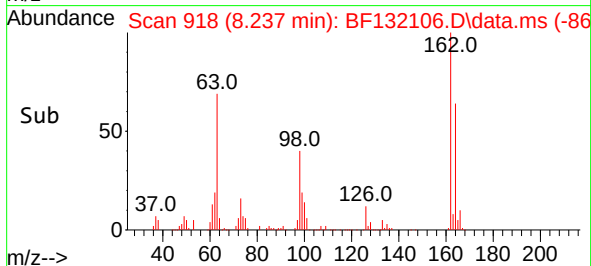
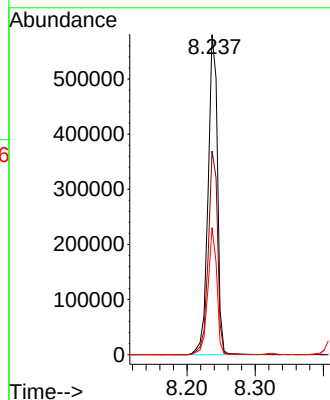
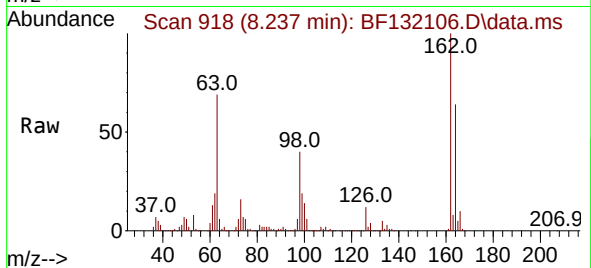
Tgt Ion:162 Resp: 556218

Ion Ratio Lower Upper

162 100

164 63.6 46.6 86.6

98 39.7 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 44.506 ng

RT: 8.325 min Scan# 933

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

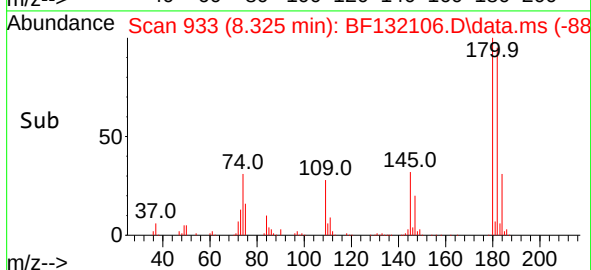
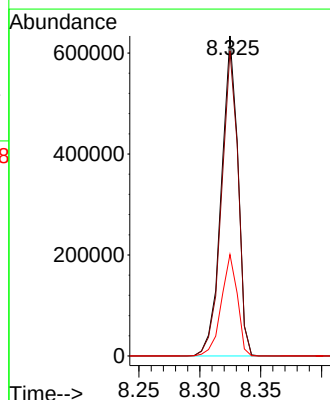
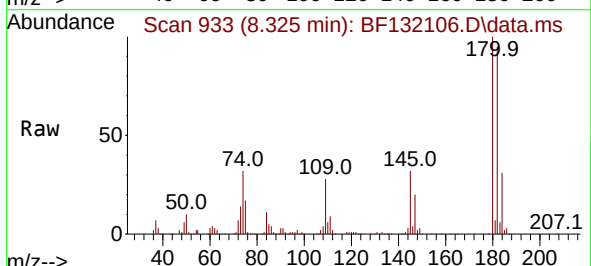
Tgt Ion:180 Resp: 599634

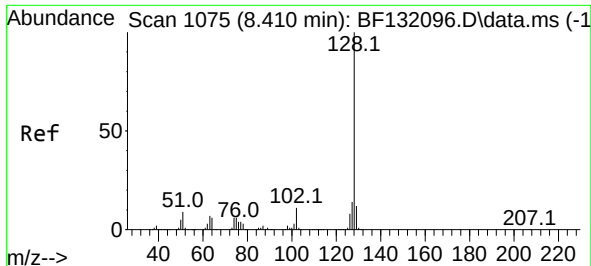
Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 31.7 24.0 36.0

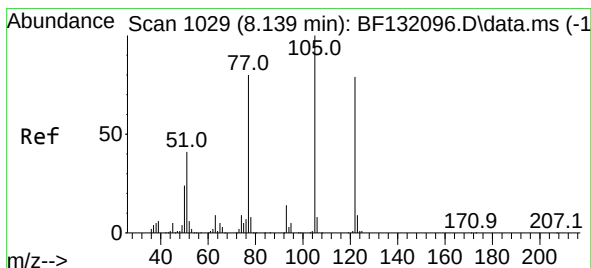
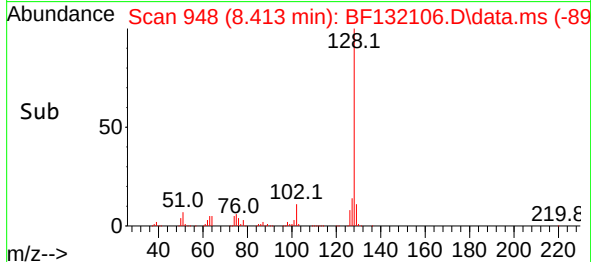
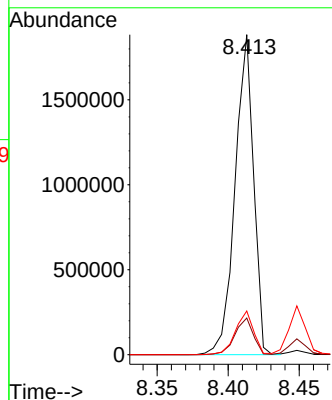
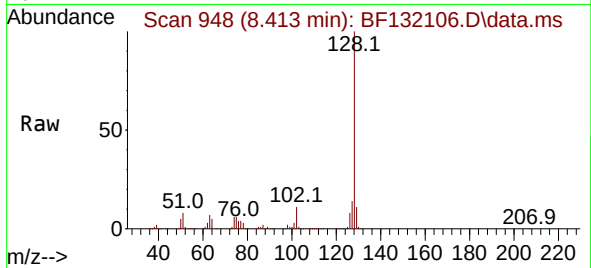




#31
Naphthalene
Concen: 41.550 ng
RT: 8.413 min Scan# 94
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

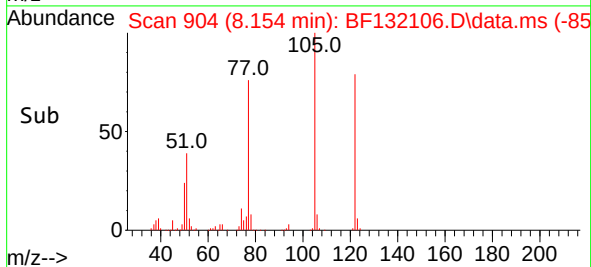
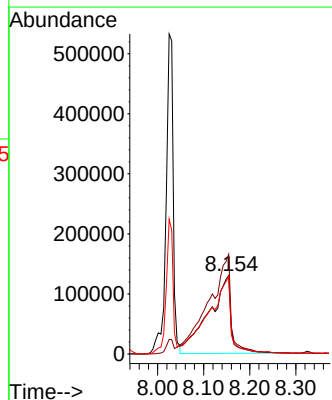
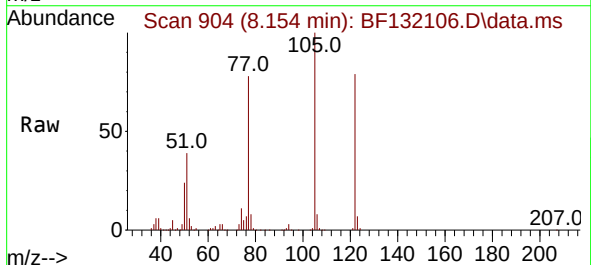
Instrument :
BNA_F
ClientSampleId :
PB150209BS

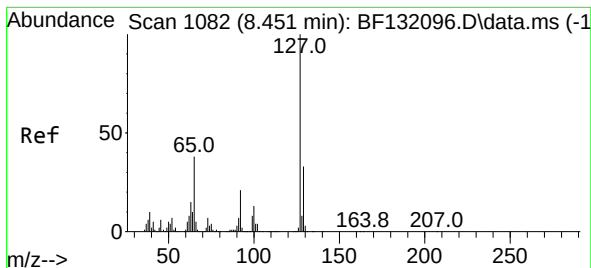
Tgt Ion:128 Resp: 1706395
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 48.026 ng
RT: 8.154 min Scan# 904
Delta R.T. 0.015 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:122 Resp: 442173
Ion Ratio Lower Upper
122 100
105 127.0 105.0 145.0
77 98.9 80.1 120.1





#33

4-Chloroaniline

Concen: 13.297 ng

RT: 8.448 min Scan# 91

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

Tgt Ion:127 Resp: 237790

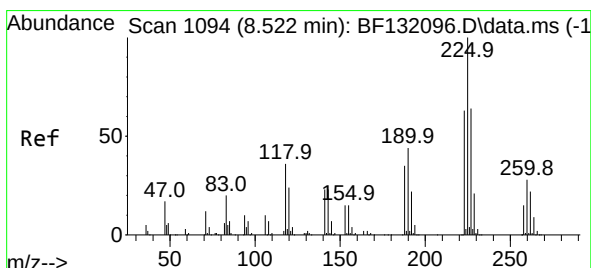
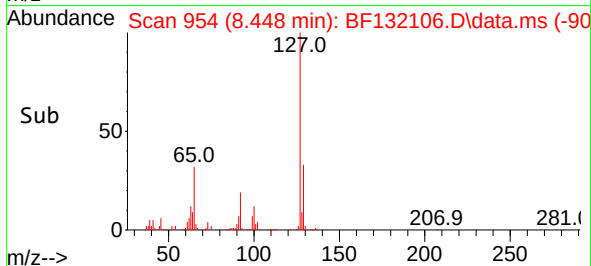
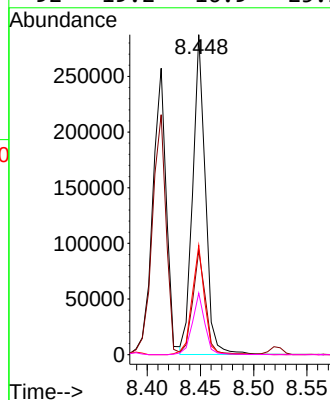
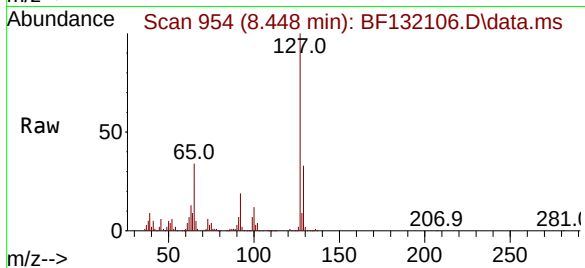
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 34.1 30.3 45.5

92 19.2 16.9 25.3



#34

Hexachlorobutadiene

Concen: 44.547 ng

RT: 8.525 min Scan# 967

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

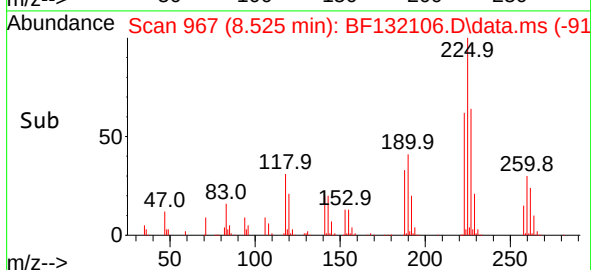
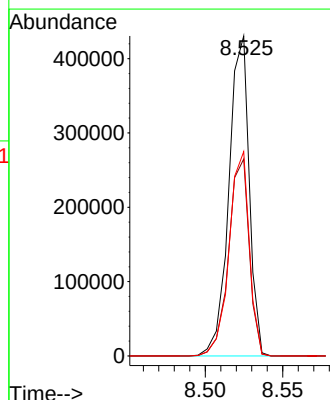
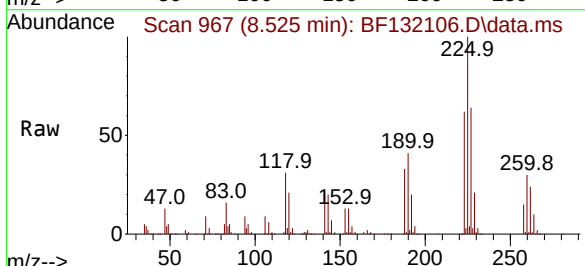
Tgt Ion:225 Resp: 391781

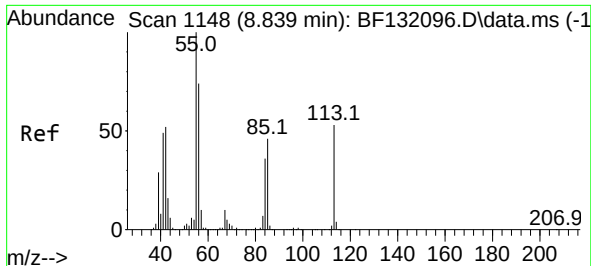
Ion Ratio Lower Upper

225 100

223 61.6 50.6 75.8

227 63.8 51.0 76.6

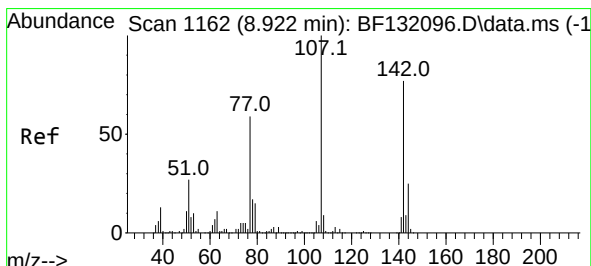
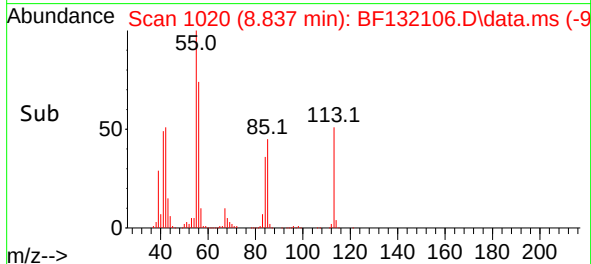
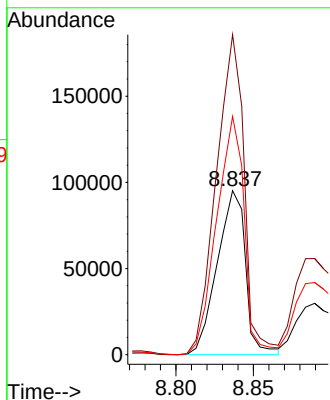
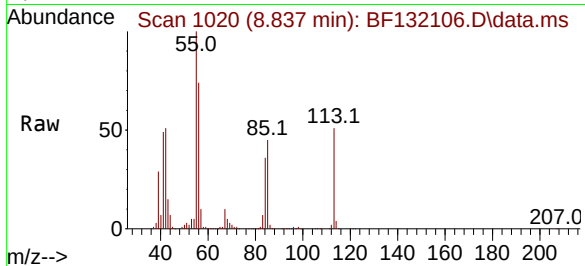




#35
Caprolactam
Concen: 30.769 ng
RT: 8.837 min Scan# 1036
Delta R.T. -0.002 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

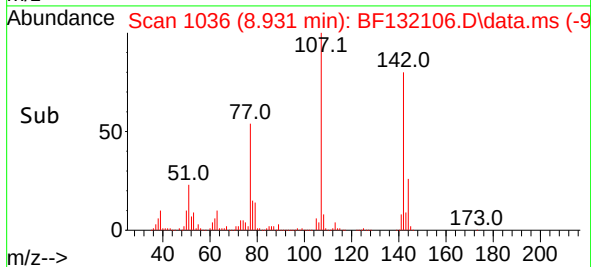
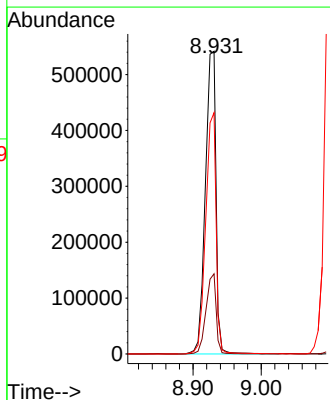
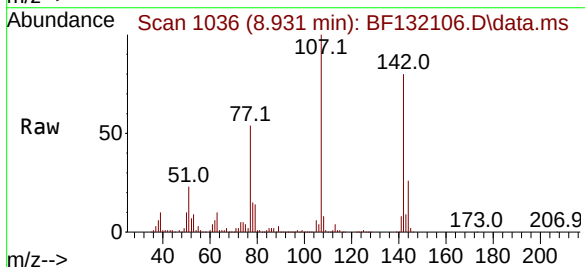
Instrument :
BNA_F
ClientSampleId :
PB150209BS

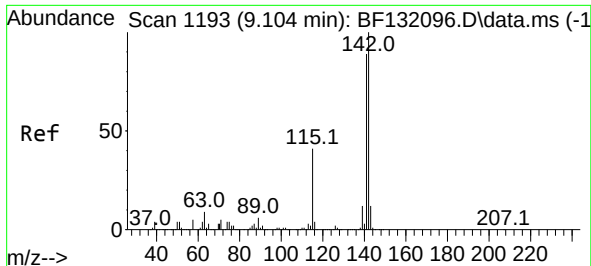
Tgt Ion:113 Resp: 120698
Ion Ratio Lower Upper
113 100
55 195.0 168.0 208.0
56 145.2 119.3 159.3



#36
4-Chloro-3-methylphenol
Concen: 46.284 ng
RT: 8.931 min Scan# 1036
Delta R.T. 0.009 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:107 Resp: 589888
Ion Ratio Lower Upper
107 100
144 26.5 19.9 29.9
142 79.7 61.8 92.6





#37

2-Methylnaphthalene

Concen: 40.236 ng

RT: 9.107 min Scan# 1

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

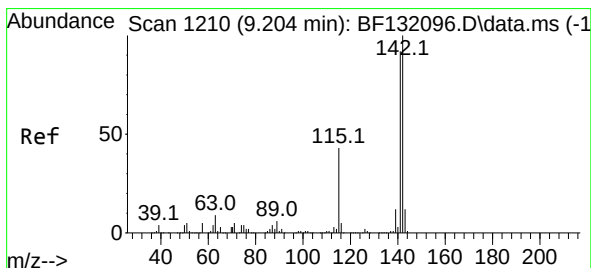
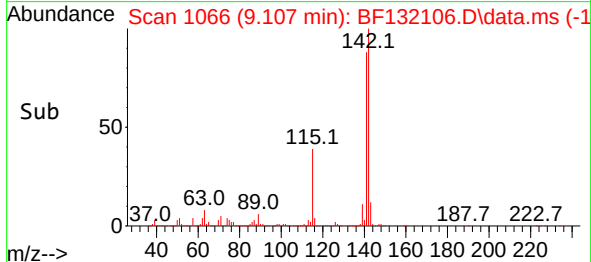
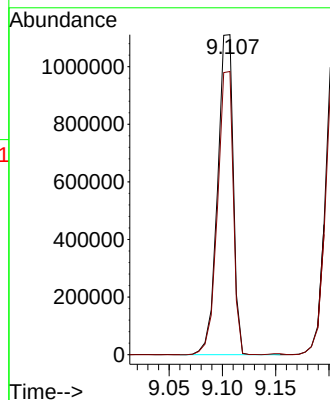
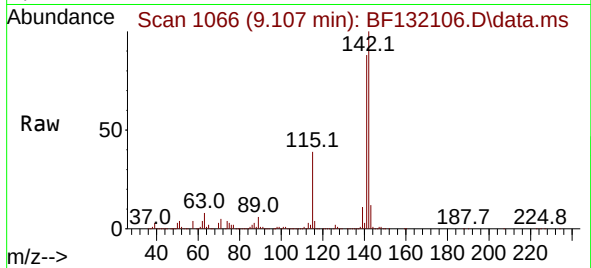
PB150209BS

Tgt Ion:142 Resp: 1136538

Ion Ratio Lower Upper

142 100

141 88.5 71.6 107.4



#38

1-Methylnaphthalene

Concen: 40.153 ng

RT: 9.207 min Scan# 1083

Delta R.T. 0.003 min

Lab File: BF132106.D

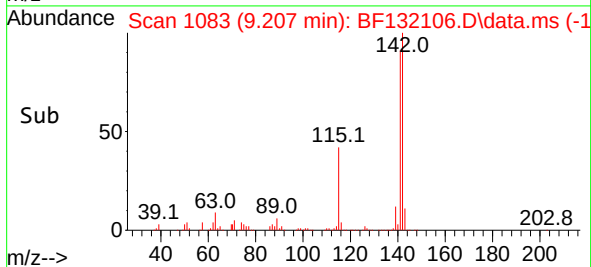
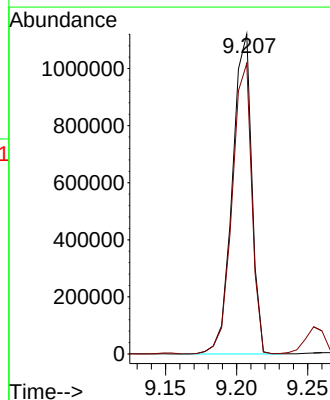
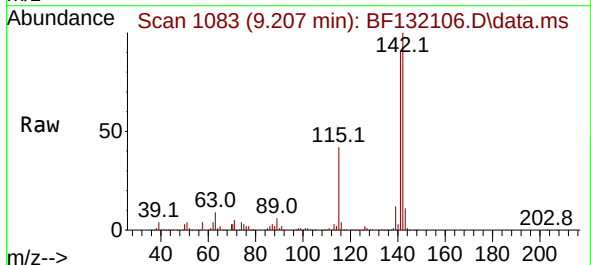
Acq: 17 Jan 2023 21:48

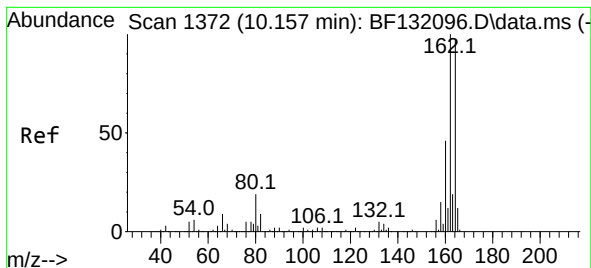
Tgt Ion:142 Resp: 1065267

Ion Ratio Lower Upper

142 100

141 90.7 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.154 min Scan# 1094

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

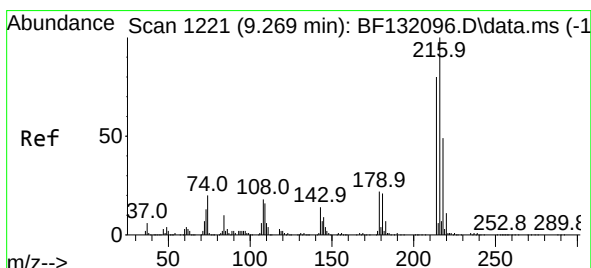
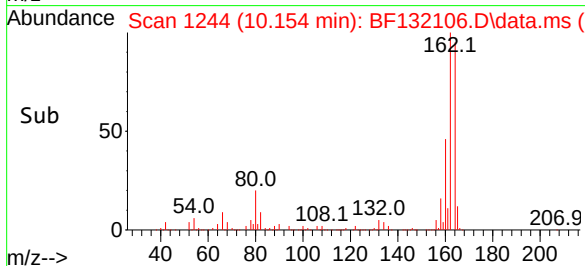
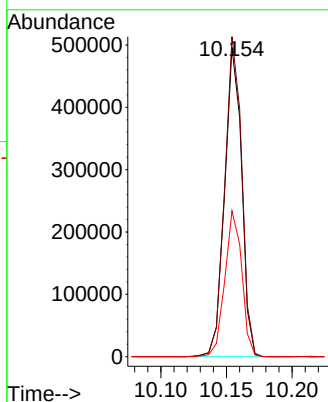
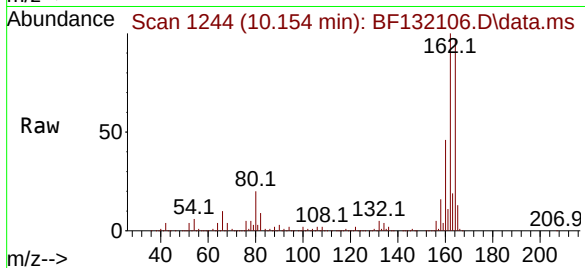
Tgt Ion:164 Resp: 446293

Ion Ratio Lower Upper

164 100

162 103.4 82.5 123.7

160 47.1 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.973 ng

RT: 9.272 min Scan# 1094

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Tgt Ion:216 Resp: 593000

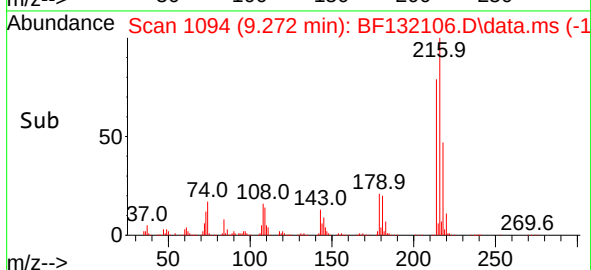
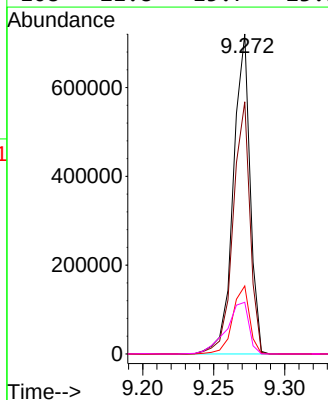
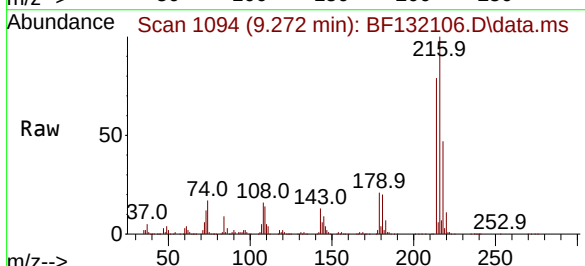
Ion Ratio Lower Upper

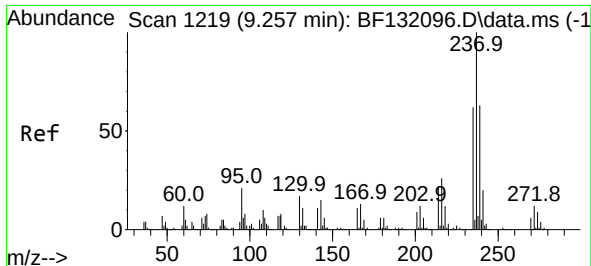
216 100

214 79.2 63.9 95.9

179 21.4 17.0 25.4

108 21.8 15.7 23.5

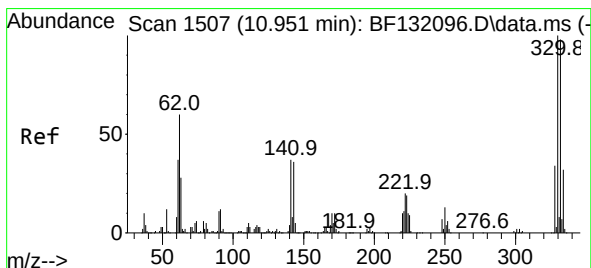
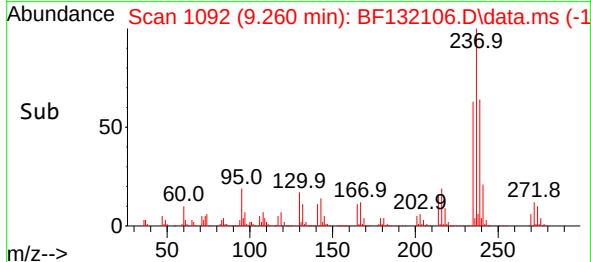
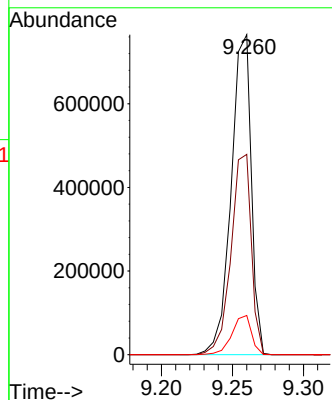
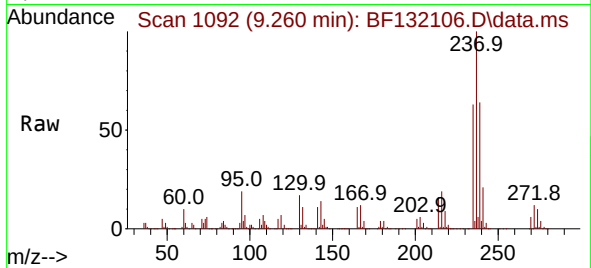




#41
Hexachlorocyclopentadiene
Concen: 108.019 ng
RT: 9.260 min Scan# 1092
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

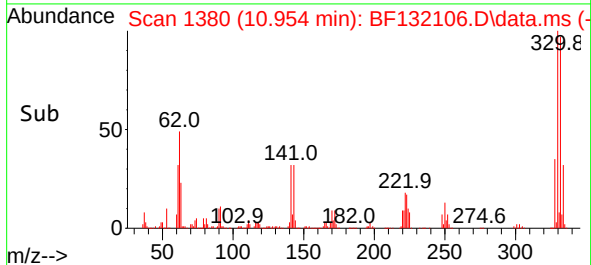
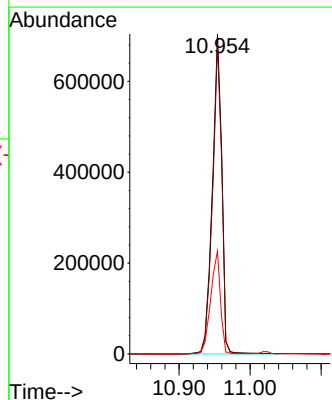
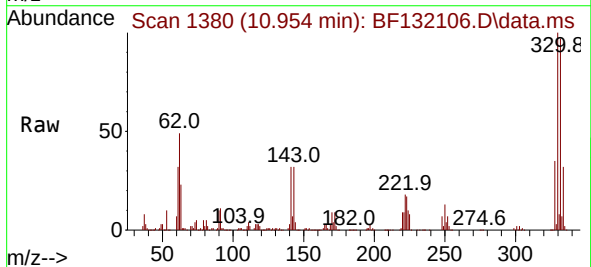
Instrument :
BNA_F
ClientSampleId :
PB150209BS

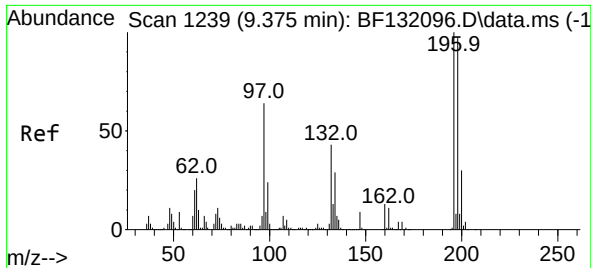
Tgt Ion:237 Resp: 755615
Ion Ratio Lower Upper
237 100
235 62.6 41.6 81.6
272 12.3 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 144.513 ng
RT: 10.954 min Scan# 1380
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:330 Resp: 652843
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 33.3 29.4 44.0

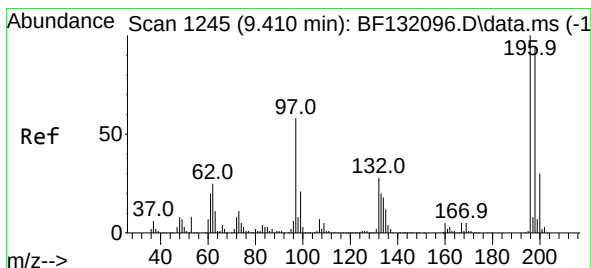
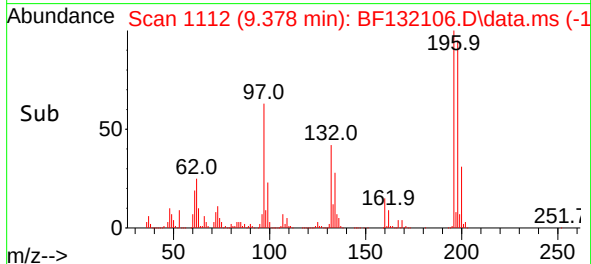
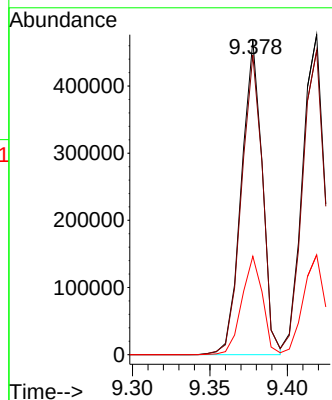
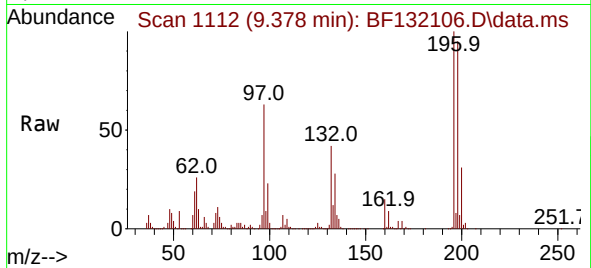




#43
 2,4,6-Trichlorophenol
 Concen: 47.343 ng
 RT: 9.378 min Scan# 1112
 Delta R.T. 0.003 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

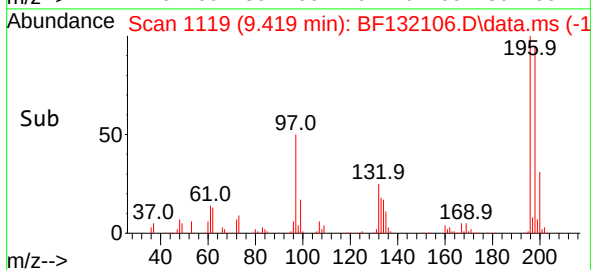
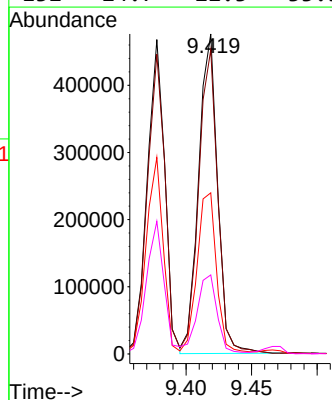
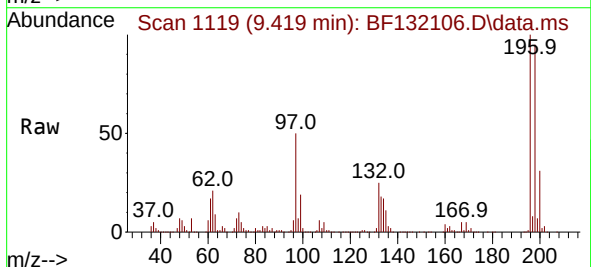
Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

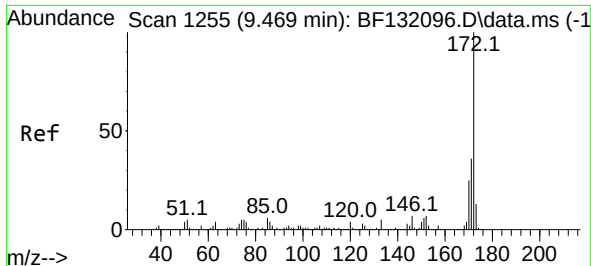
Tgt Ion:196 Resp: 437763
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.4 116.0
 200 31.3 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.934 ng
 RT: 9.419 min Scan# 1119
 Delta R.T. 0.009 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

Tgt Ion:196 Resp: 480517
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.4 113.2
 97 50.3 46.4 69.6
 132 24.7 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 73.702 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

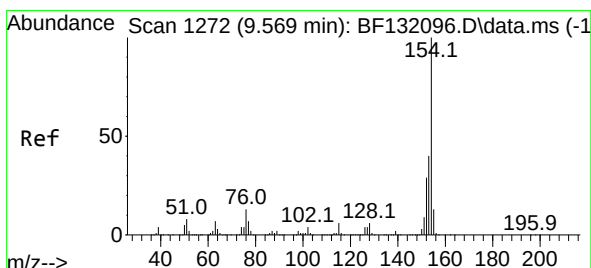
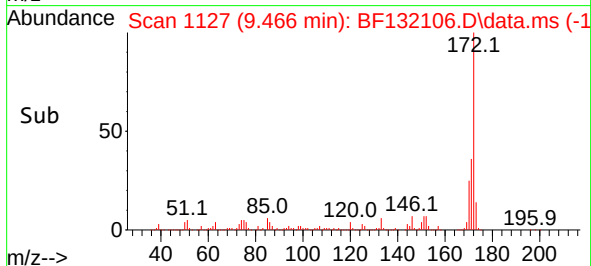
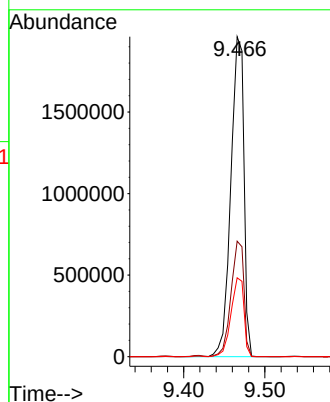
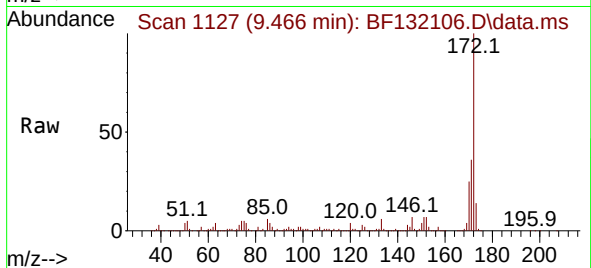
Tgt Ion:172 Resp: 2196104

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 24.7 19.8 29.6



#46

1,1'-Biphenyl

Concen: 41.706 ng

RT: 9.572 min Scan# 1145

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

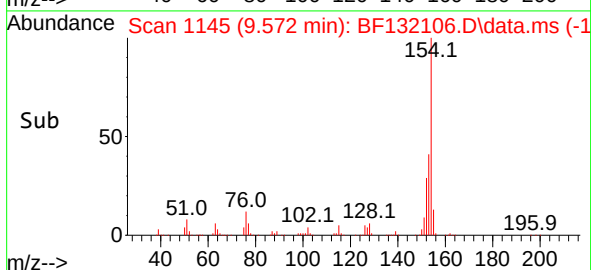
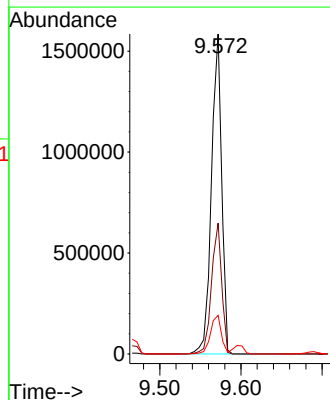
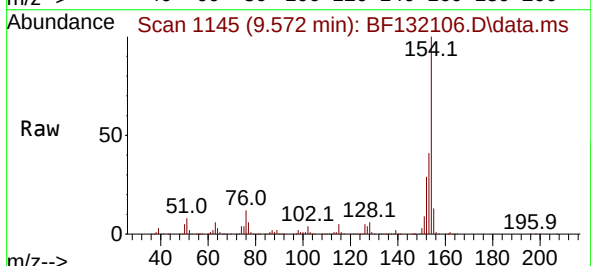
Tgt Ion:154 Resp: 1381142

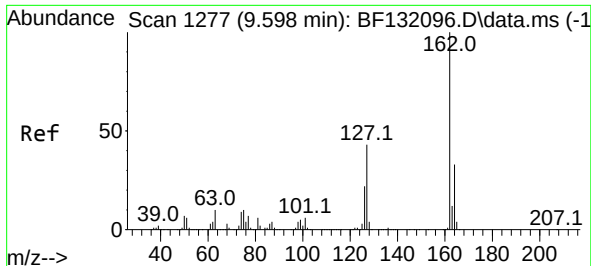
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 12.0 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.872 ng

RT: 9.601 min Scan# 1150

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

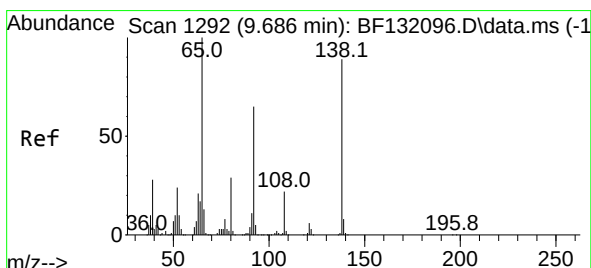
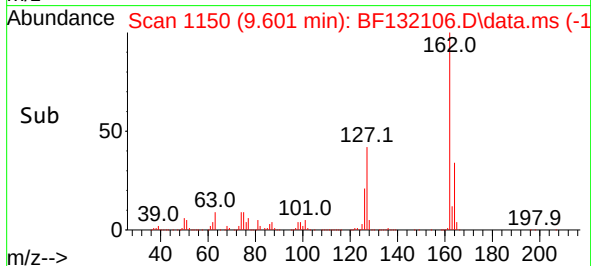
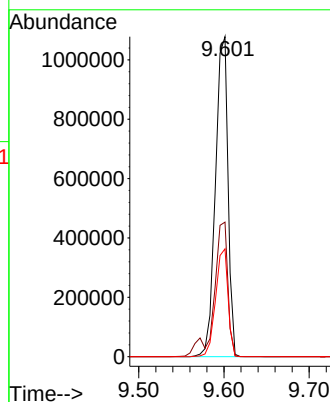
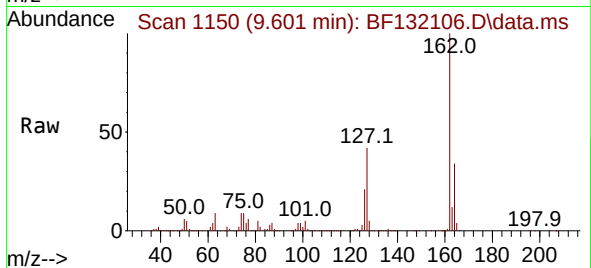
Tgt Ion:162 Resp: 1102302

Ion Ratio Lower Upper

162 100

127 42.0 34.4 51.6

164 33.7 26.6 40.0



#48

2-Nitroaniline

Concen: 51.129 ng

RT: 9.689 min Scan# 1165

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

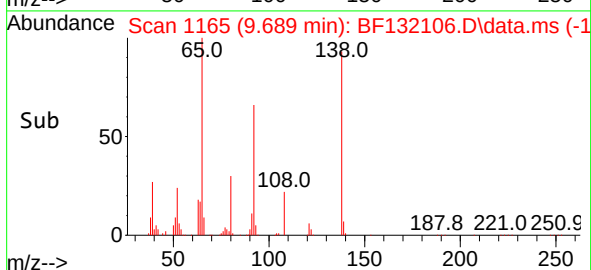
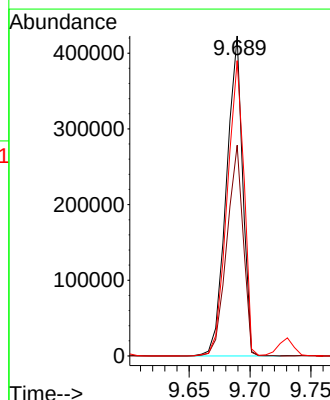
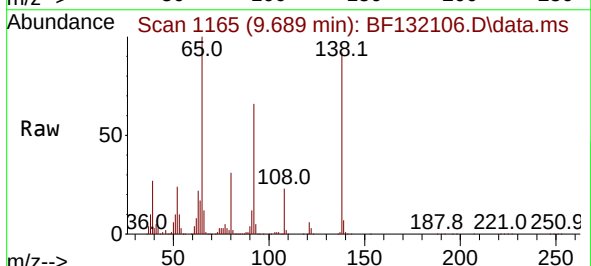
Tgt Ion: 65 Resp: 393430

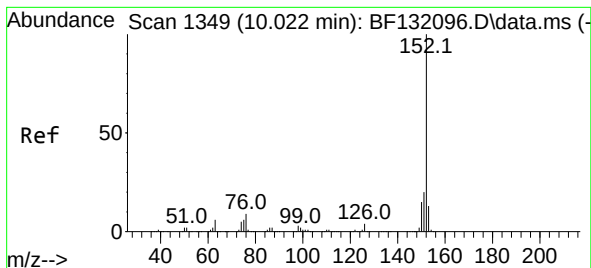
Ion Ratio Lower Upper

65 100

92 65.9 51.9 77.9

138 92.3 71.4 107.0





#49

Acenaphthylene

Concen: 42.143 ng

RT: 10.019 min Scan# 1196

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

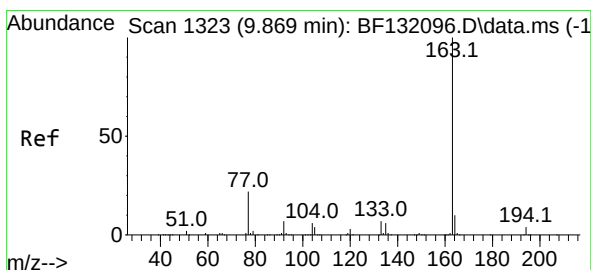
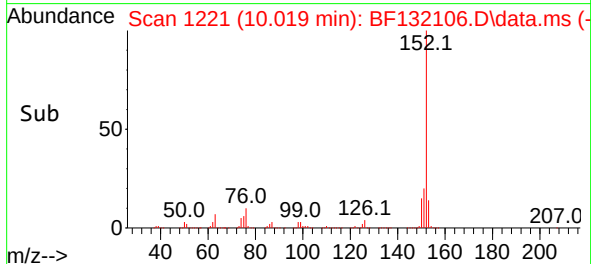
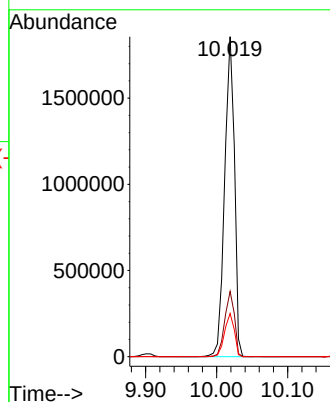
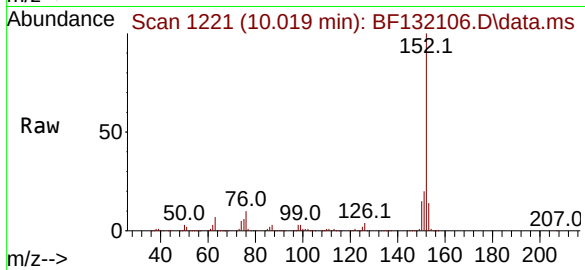
Tgt Ion:152 Resp: 1764379

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 43.204 ng

RT: 9.872 min Scan# 1196

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

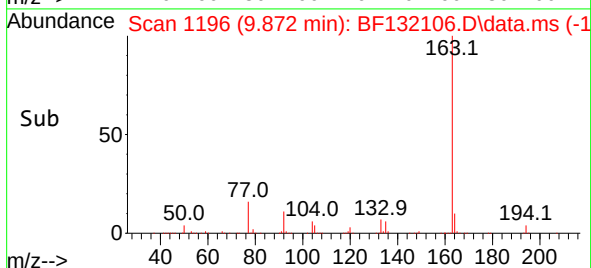
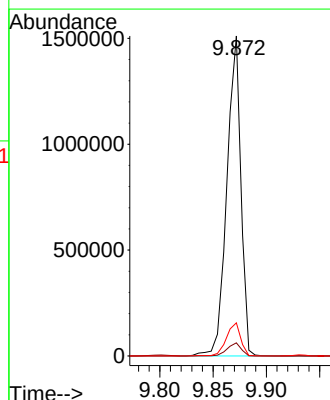
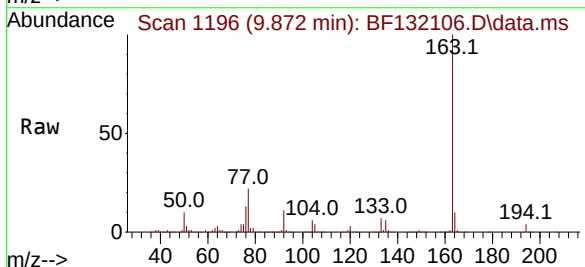
Tgt Ion:163 Resp: 1382292

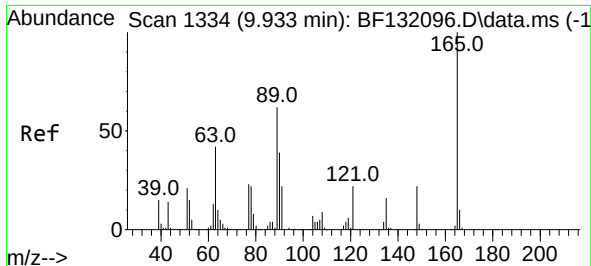
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.4 12.6

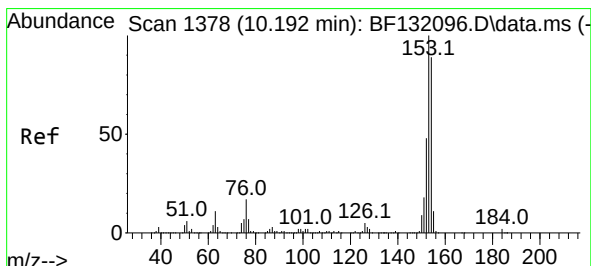
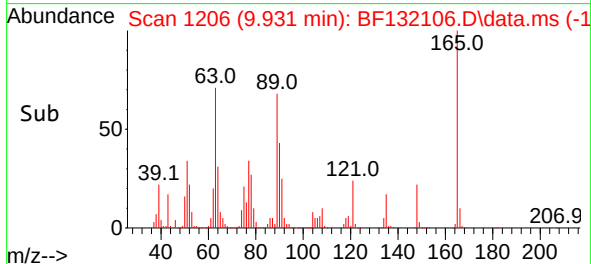
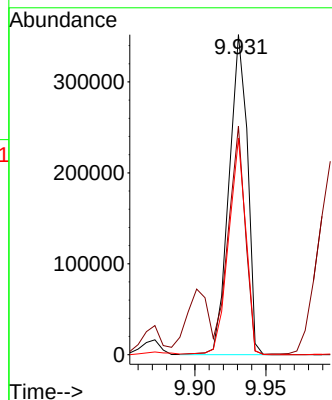
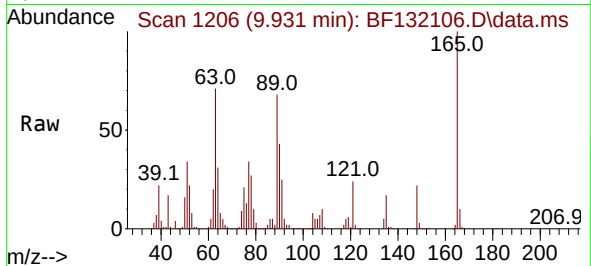




#51
2,6-Dinitrotoluene
Concen: 51.456 ng
RT: 9.931 min Scan# 11
Delta R.T. -0.002 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

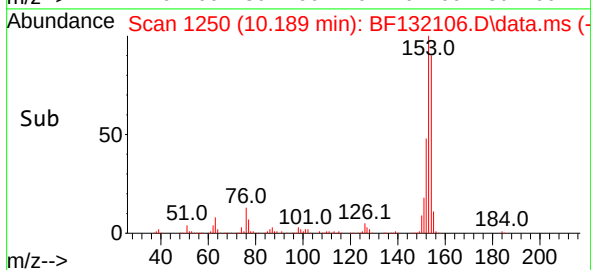
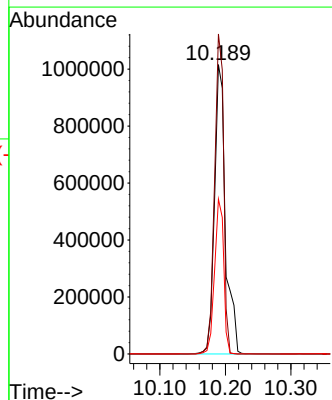
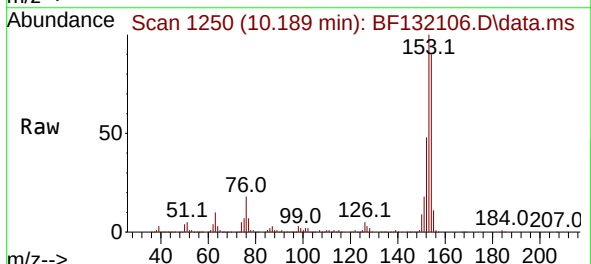
Instrument :
BNA_F
ClientSampleId :
PB150209BS

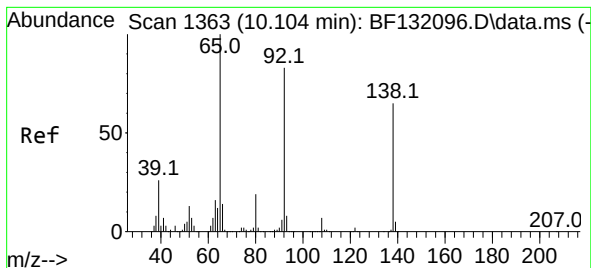
Tgt Ion:165 Resp: 316421
Ion Ratio Lower Upper
165 100
63 71.5 48.7 73.1
89 67.7 50.0 75.0



#52
Acenaphthene
Concen: 47.224 ng
RT: 10.189 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:154 Resp: 1180796
Ion Ratio Lower Upper
154 100
153 110.6 89.5 134.3
152 53.6 43.2 64.8

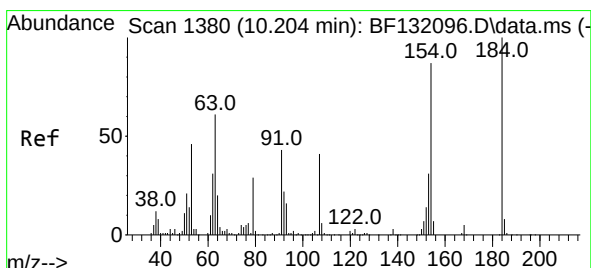
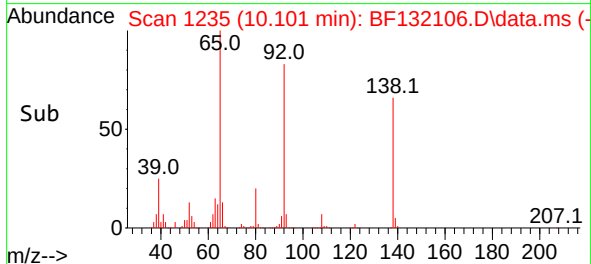
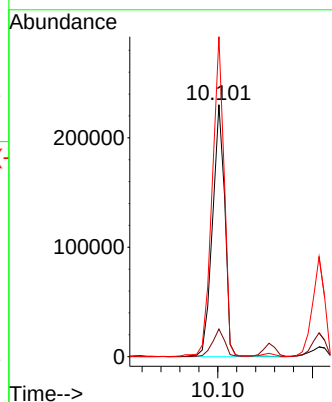
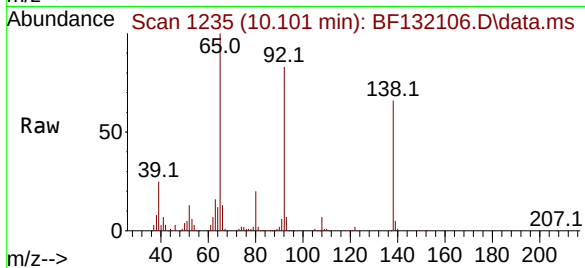




#53
3-Nitroaniline
Concen: 30.652 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

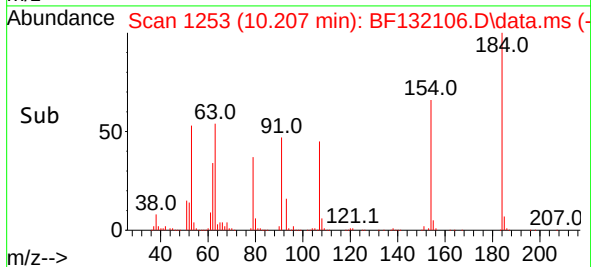
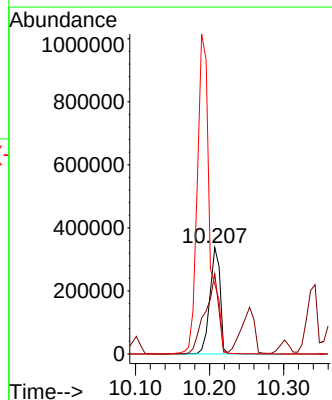
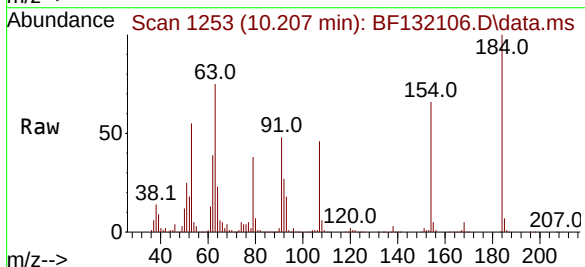
Instrument :
BNA_F
ClientSampleId :
PB150209BS

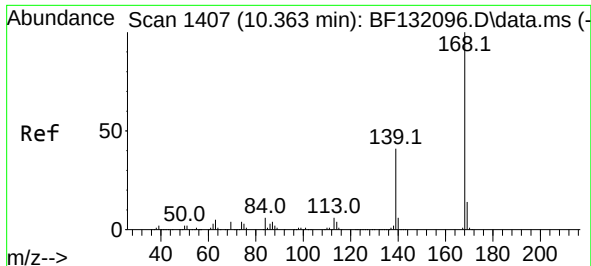
Tgt Ion:138 Resp: 206501
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 127.0 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 99.545 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:184 Resp: 324818
Ion Ratio Lower Upper
184 100
63 75.4 49.1 73.7#
154 65.7 71.4 107.2#

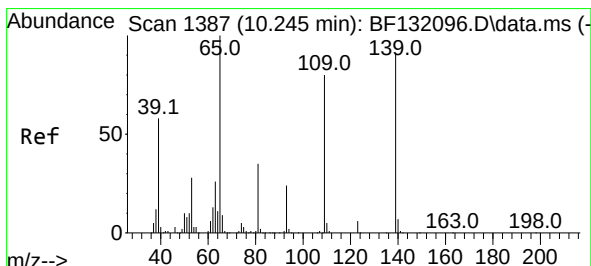
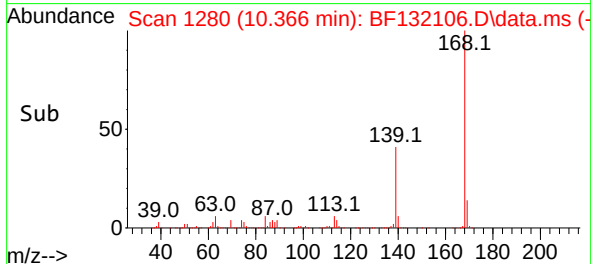
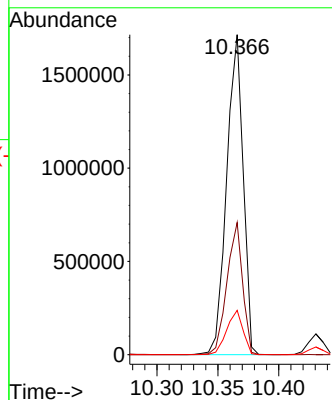
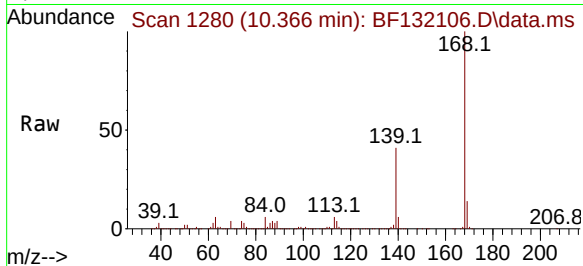




#55
Dibenzofuran
Concen: 41.719 ng
RT: 10.366 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

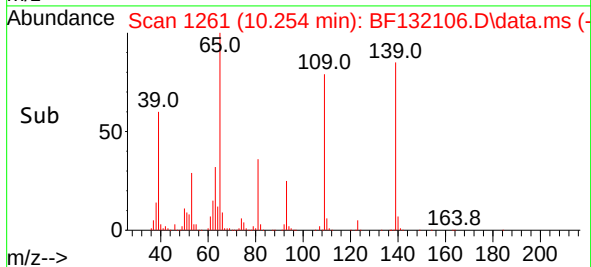
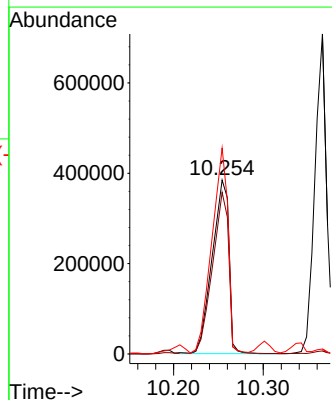
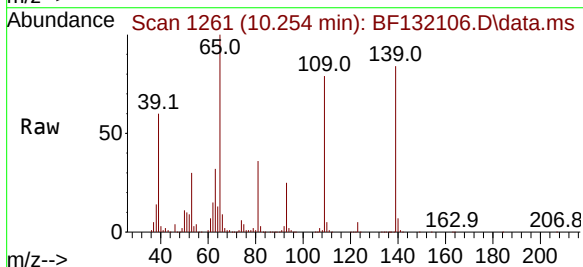
Instrument :
BNA_F
ClientSampleId :
PB150209BS

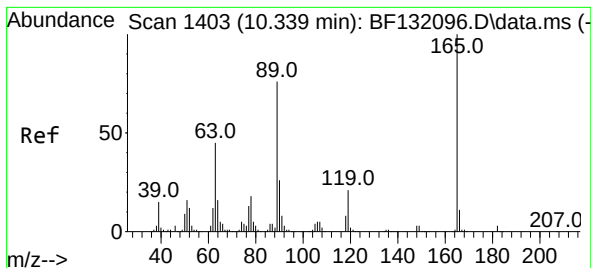
Tgt Ion:168 Resp: 1615940
Ion Ratio Lower Upper
168 100
139 41.3 32.7 49.1
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 99.259 ng
RT: 10.254 min Scan# 1261
Delta R.T. 0.009 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:139 Resp: 501327
Ion Ratio Lower Upper
139 100
109 92.9 67.4 107.4
65 118.4 90.1 130.1

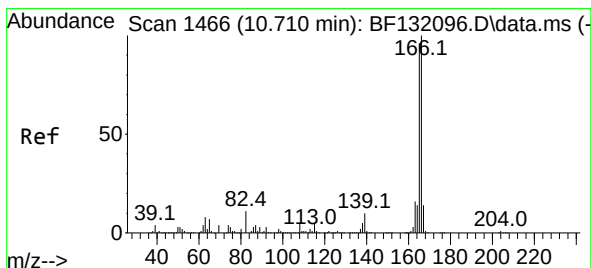
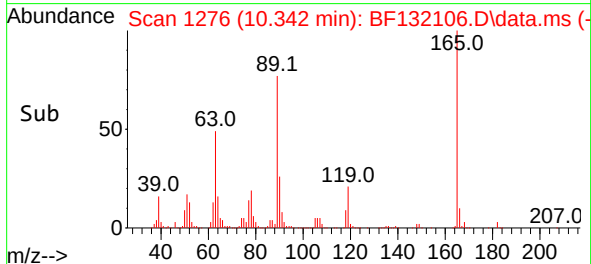
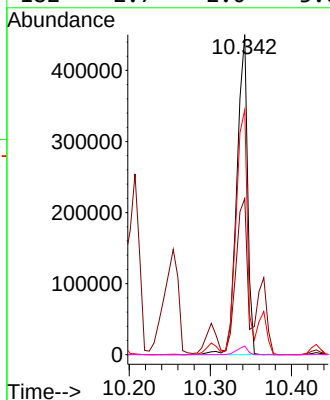
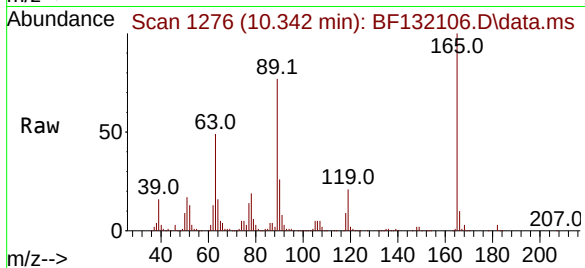




#57
2,4-Dinitrotoluene
Concen: 54.718 ng
RT: 10.342 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

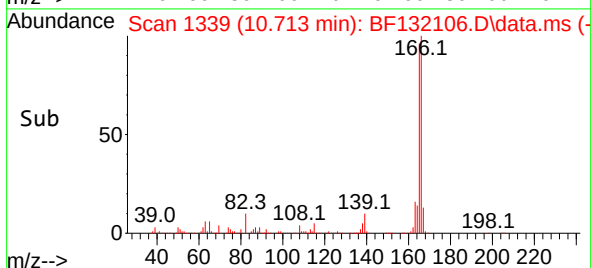
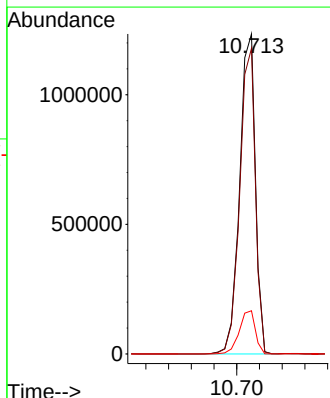
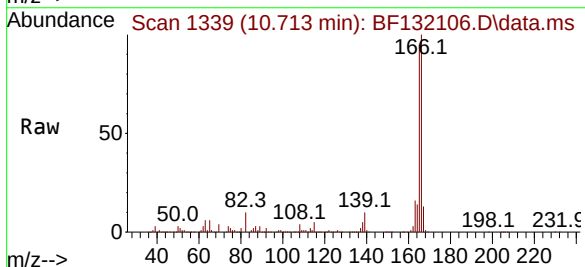
Instrument :
BNA_F
ClientSampleId :
PB150209BS

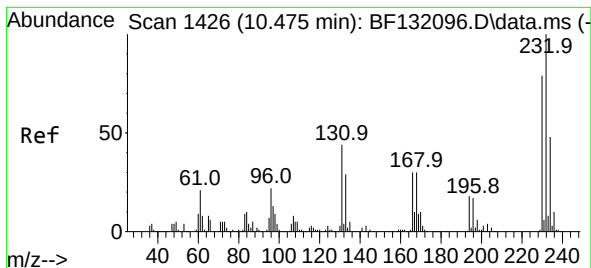
Tgt Ion:165 Resp: 410010
Ion Ratio Lower Upper
165 100
63 48.8 36.1 54.1
89 76.6 60.8 91.2
182 2.7 2.0 3.0



#58
Fluorene
Concen: 41.382 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:166 Resp: 1186793
Ion Ratio Lower Upper
166 100
165 95.5 77.0 115.6
167 13.5 11.0 16.6

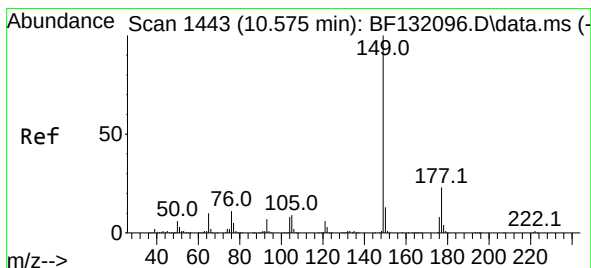
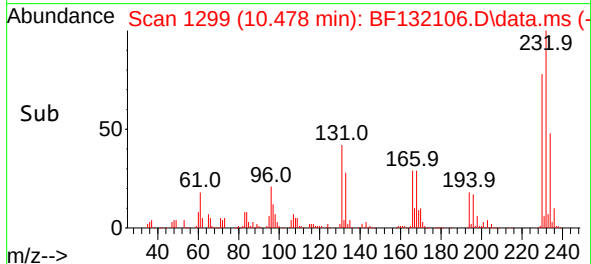
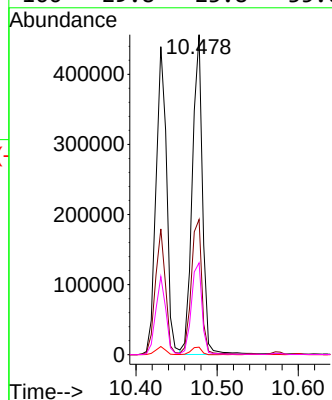
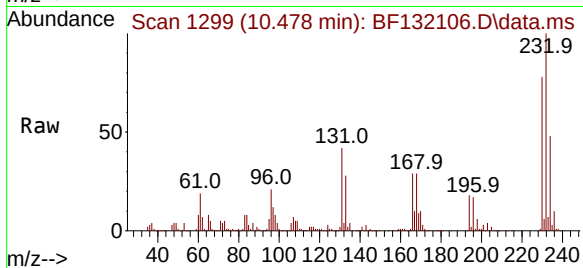




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.743 ng
RT: 10.478 min Scan# 1315
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

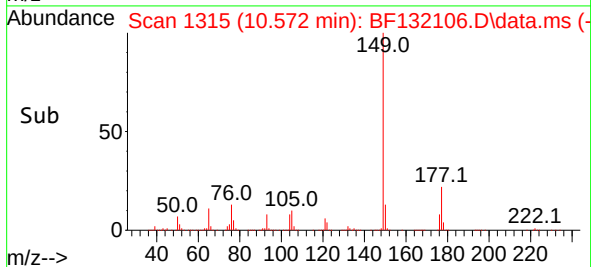
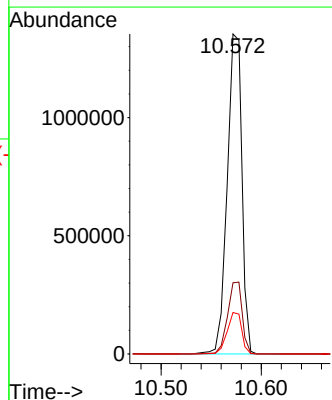
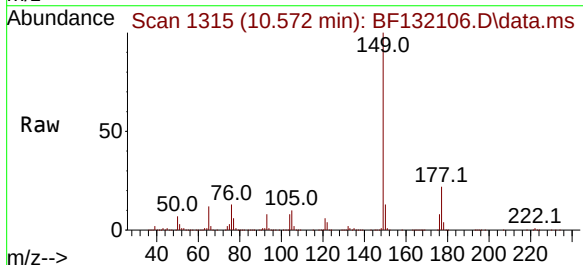
Instrument :
BNA_F
ClientSampleId :
PB150209BS

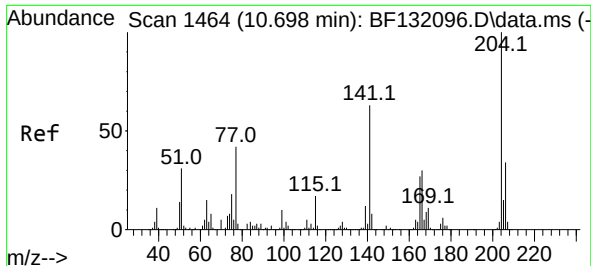
Tgt Ion:232 Resp: 400952
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.4 2.0 3.0
166 29.8 23.8 35.6



#60
Diethylphthalate
Concen: 42.942 ng
RT: 10.572 min Scan# 1315
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:149 Resp: 1373159
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.4
150 12.9 10.2 15.2

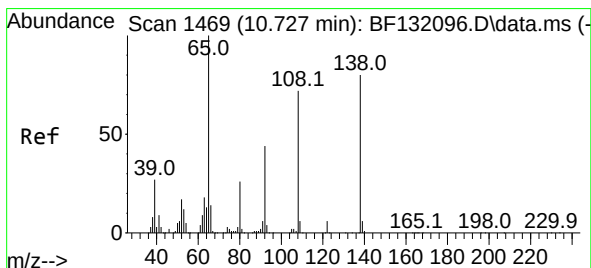
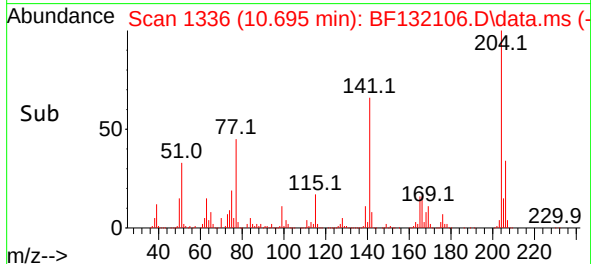
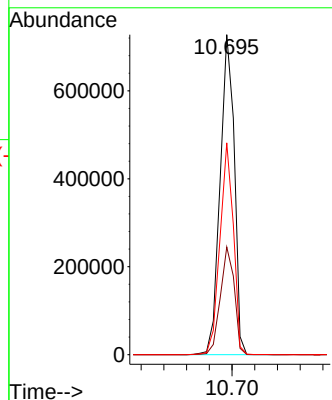
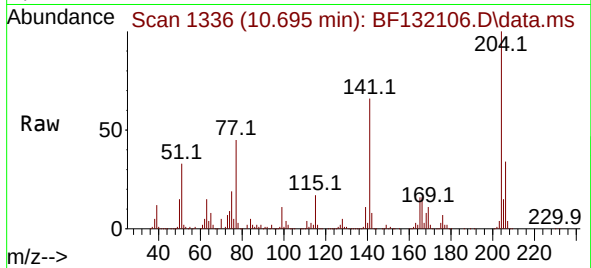




#61
4-Chlorophenyl-phenylether
Concen: 41.433 ng
RT: 10.695 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

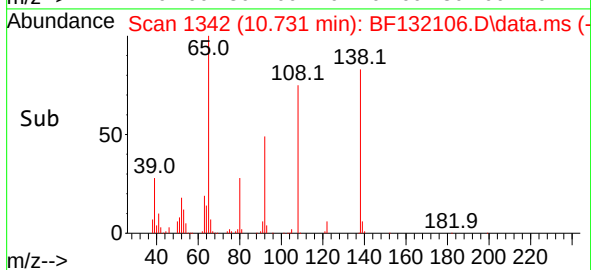
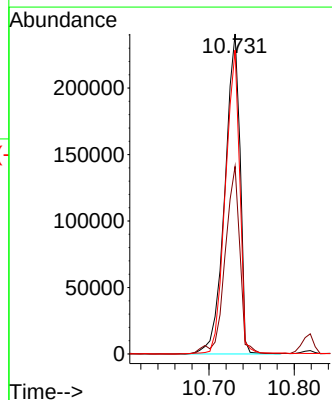
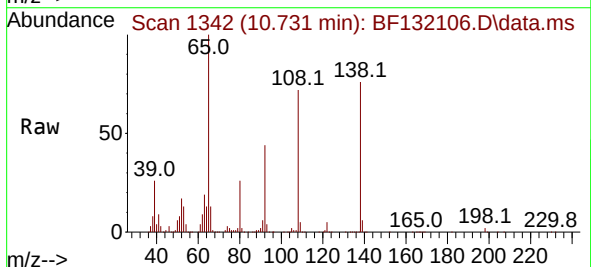
Instrument :
BNA_F
ClientSampleId :
PB150209BS

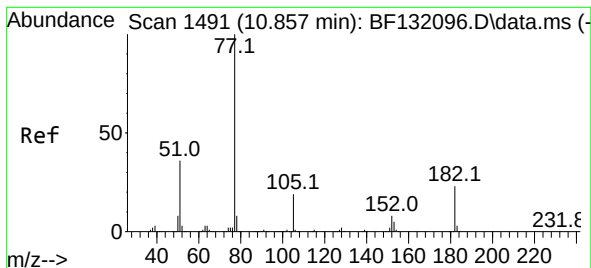
Tgt Ion:204 Resp: 631191
Ion Ratio Lower Upper
204 100
206 33.6 27.2 40.8
141 66.2 50.6 76.0



#62
4-Nitroaniline
Concen: 47.501 ng
RT: 10.731 min Scan# 1342
Delta R.T. 0.004 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:138 Resp: 298338
Ion Ratio Lower Upper
138 100
92 58.6 35.7 75.7
108 94.9 71.0 111.0





#63

Azobenzene

Concen: 41.917 ng

RT: 10.860 min Scan# 1491

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

Tgt Ion: 77 Resp: 1347497

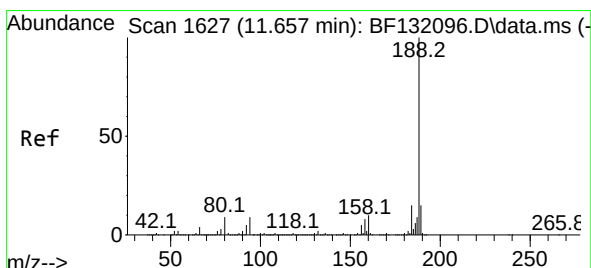
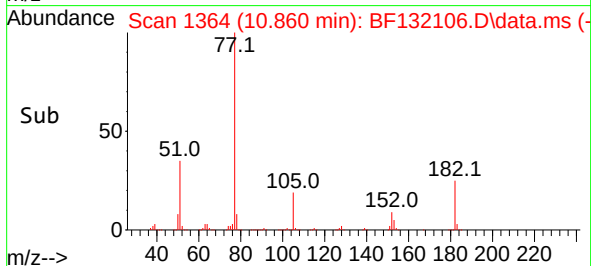
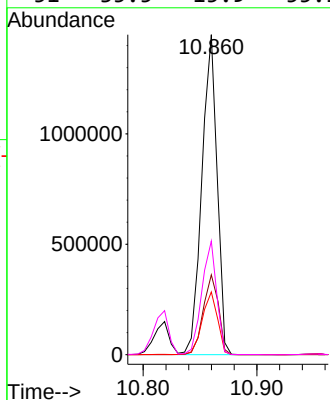
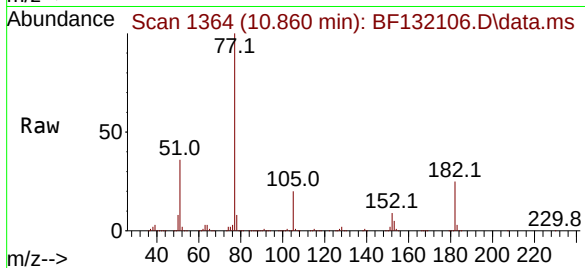
Ion Ratio Lower Upper

77 100

182 24.9 2.8 42.8

105 19.6 0.0 39.0

51 35.5 15.9 55.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.654 min Scan# 1499

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

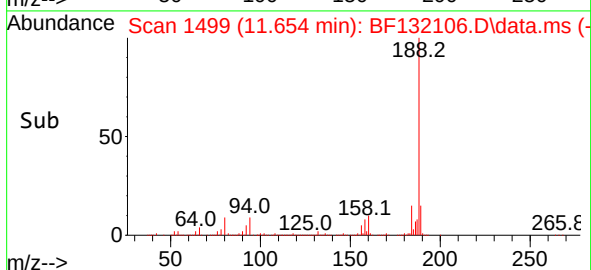
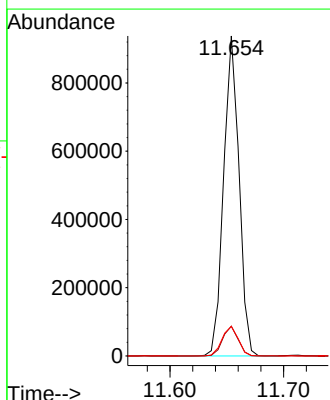
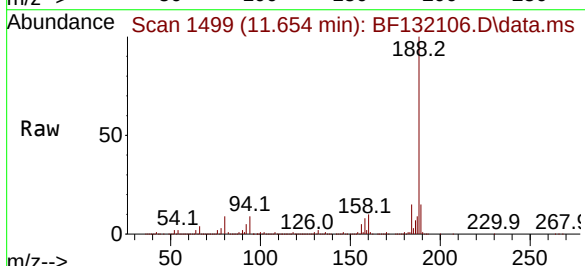
Tgt Ion: 188 Resp: 885594

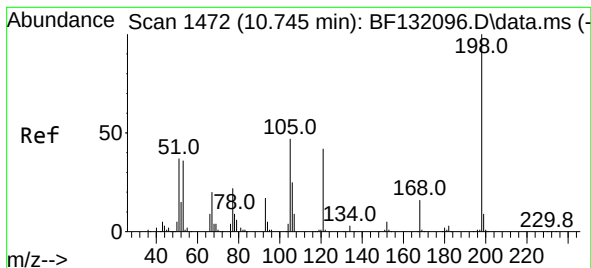
Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 9.3 7.2 10.8

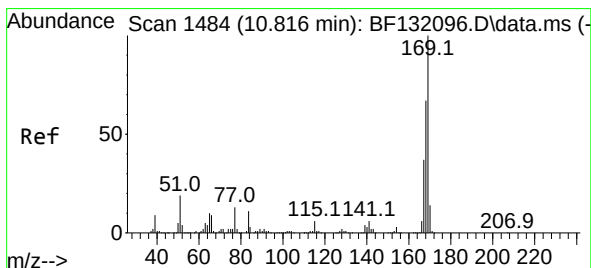
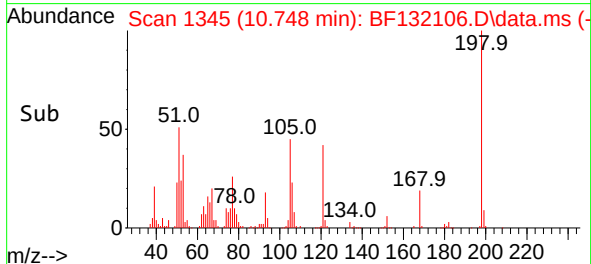
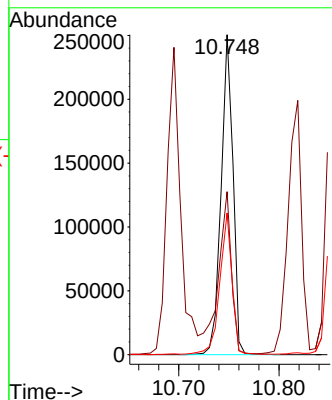
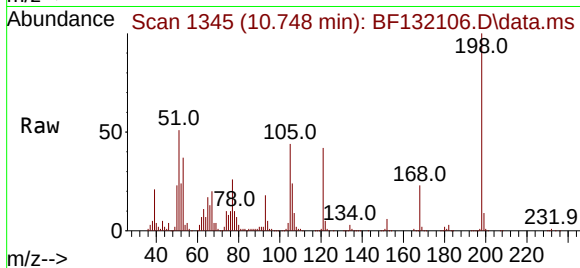




#65
4,6-Dinitro-2-methylphenol
Concen: 48.447 ng
RT: 10.748 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

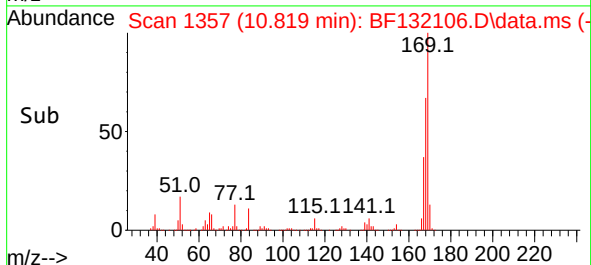
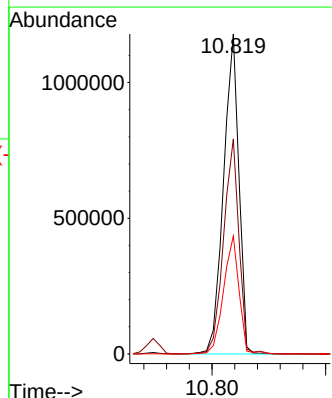
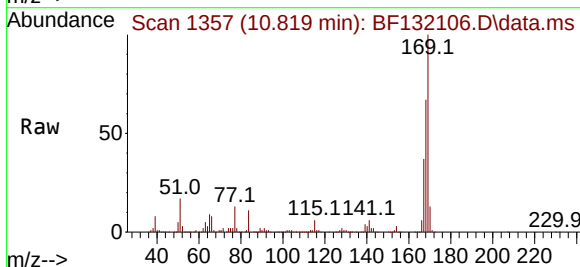
Instrument :
BNA_F
ClientSampleId :
PB150209BS

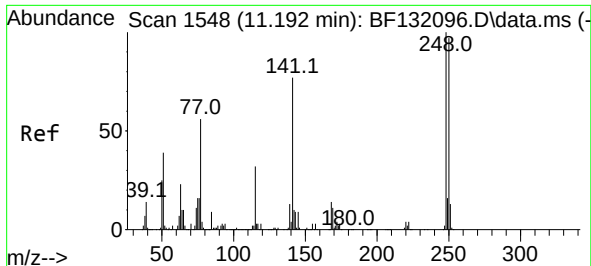
Tgt Ion:198 Resp: 205133
Ion Ratio Lower Upper
198 100
51 51.0 35.7 75.7
105 44.3 28.0 68.0



#66
n-Nitrosodiphenylamine
Concen: 41.739 ng
RT: 10.819 min Scan# 1357
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:169 Resp: 1107648
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.9 29.8 44.8

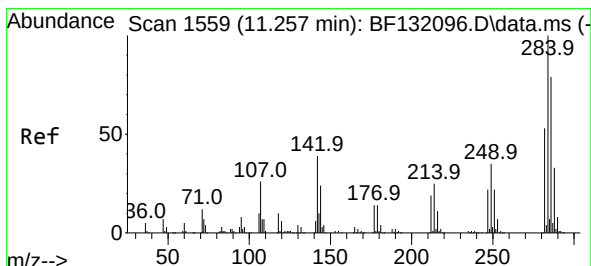
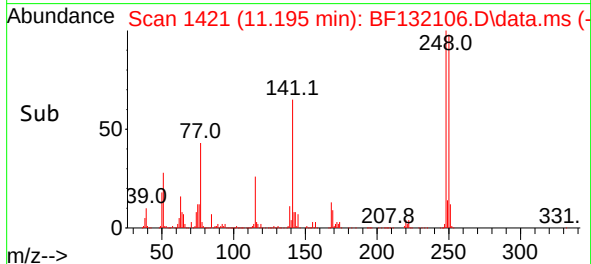
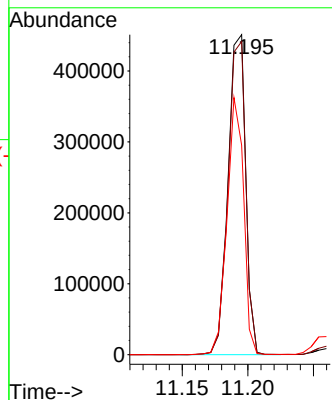
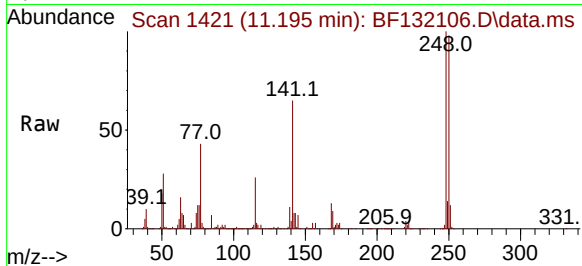




#67
4-Bromophenyl-phenylether
Concen: 42.766 ng
RT: 11.195 min Scan# 1431
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

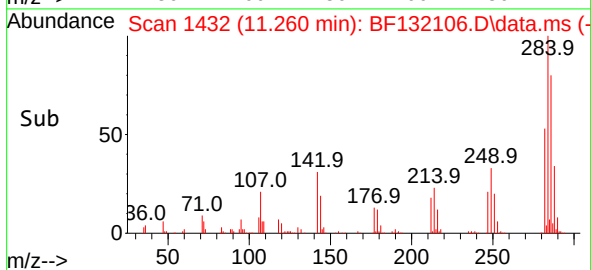
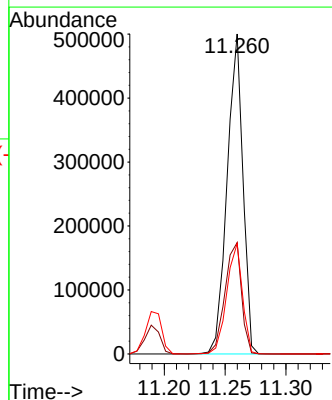
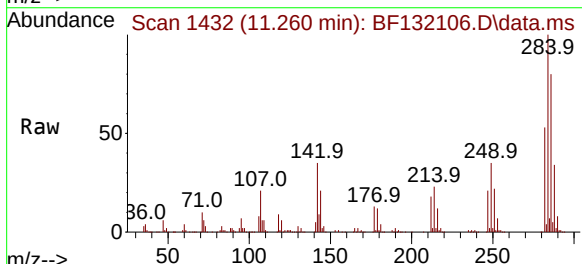
Instrument :
BNA_F
ClientSampleId :
PB150209BS

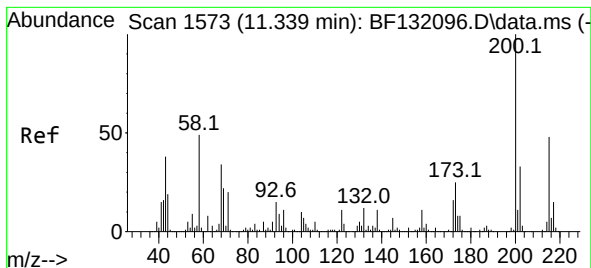
Tgt Ion:248 Resp: 423889
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 65.4 61.8 92.6



#68
Hexachlorobenzene
Concen: 45.821 ng
RT: 11.260 min Scan# 1432
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:284 Resp: 451909
Ion Ratio Lower Upper
284 100
142 34.8 31.4 47.2
249 34.5 28.2 42.2





#69

Atrazine

Concen: 48.035 ng

RT: 11.342 min Scan# 1465

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

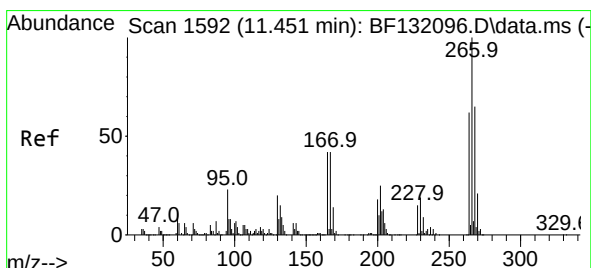
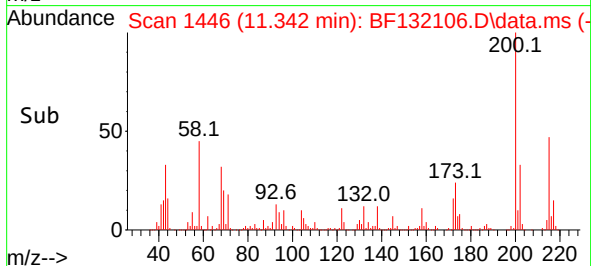
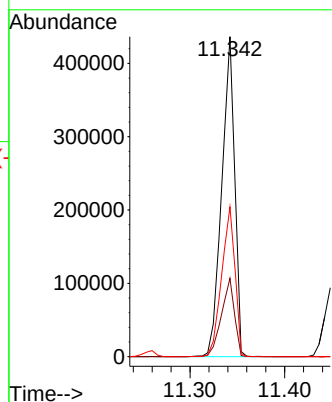
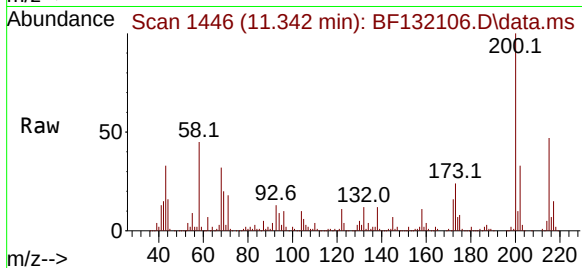
Tgt Ion:200 Resp: 416544

Ion Ratio Lower Upper

200 100

173 24.5 4.9 44.9

215 46.8 28.2 68.2



#70

Pentachlorophenol

Concen: 81.345 ng

RT: 11.454 min Scan# 1465

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

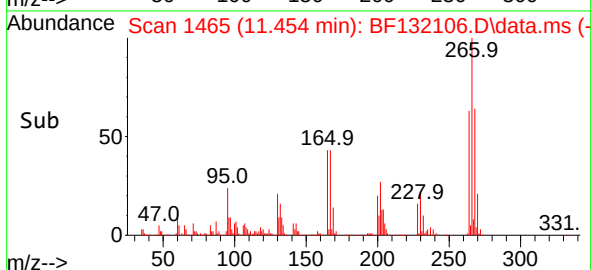
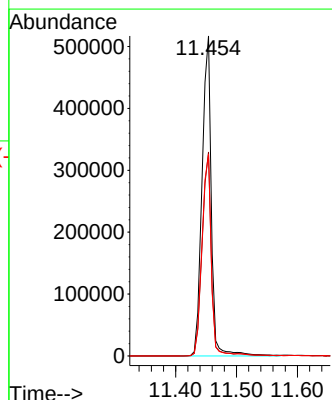
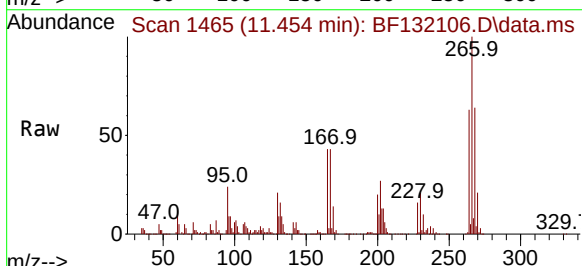
Tgt Ion:266 Resp: 545661

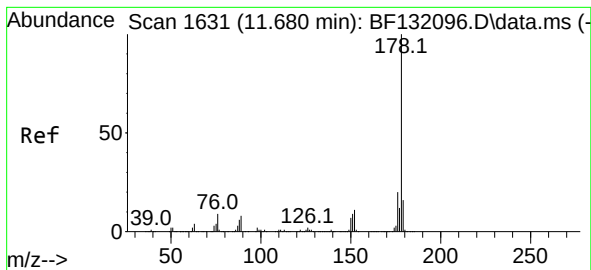
Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

264 63.1 49.7 74.5





#71

Phenanthrene

Concen: 41.360 ng

RT: 11.683 min Scan# 1513

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

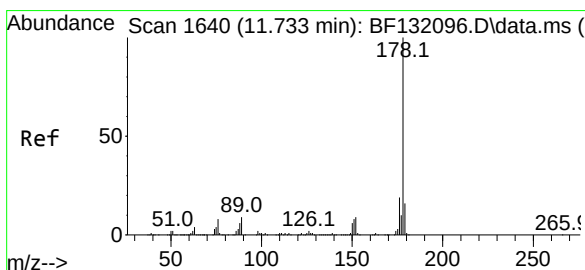
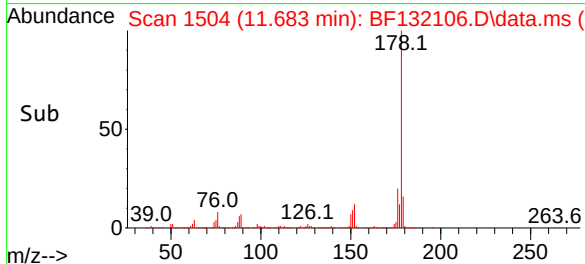
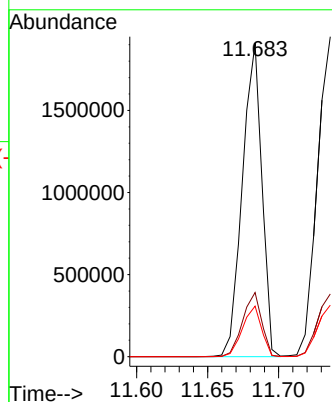
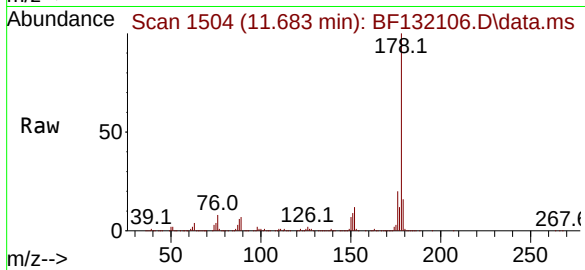
Tgt Ion:178 Resp: 1820993

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

179 16.1 12.8 19.2



#72

Anthracene

Concen: 41.260 ng

RT: 11.736 min Scan# 1513

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

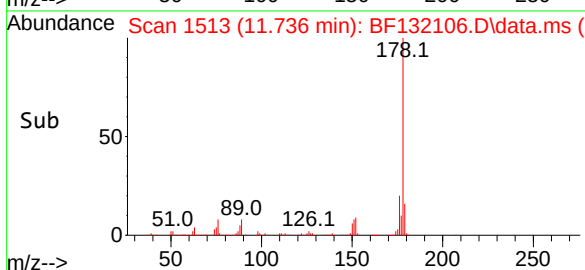
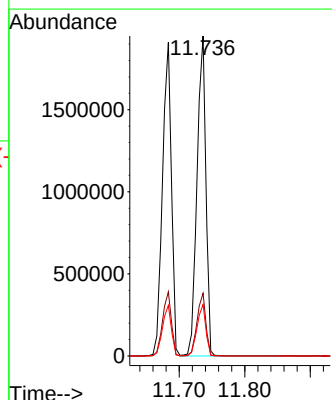
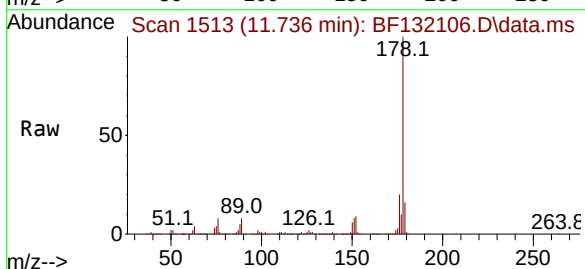
Tgt Ion:178 Resp: 1840401

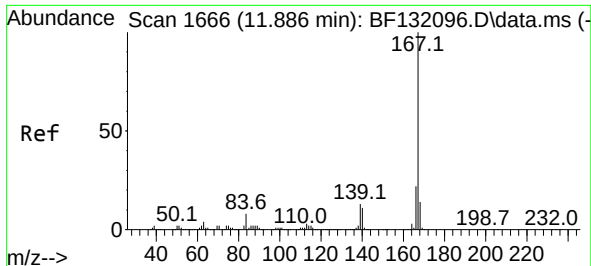
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 16.1 13.0 19.6

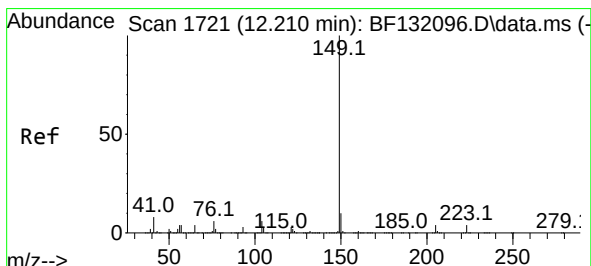
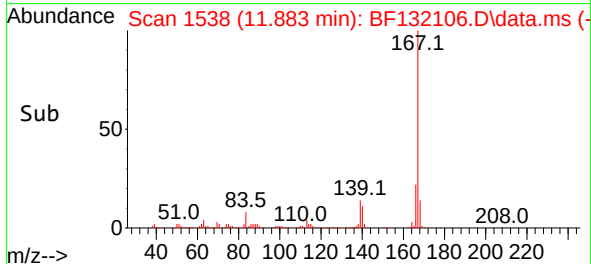
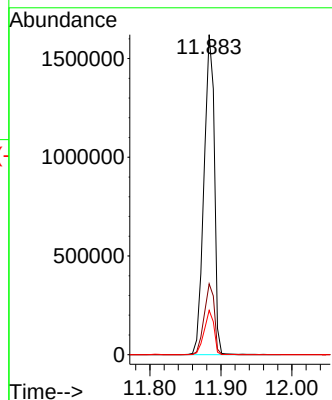
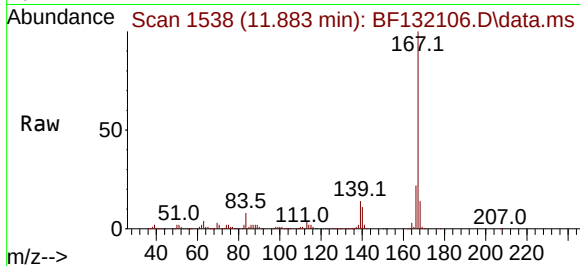




#73
 Carbazole
 Concen: 41.899 ng
 RT: 11.883 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

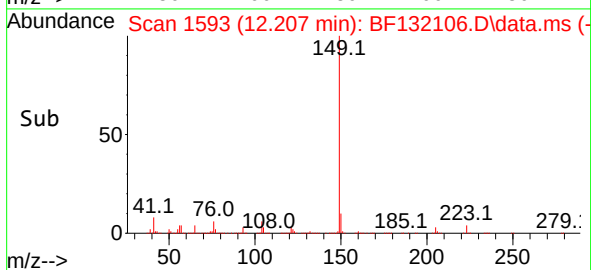
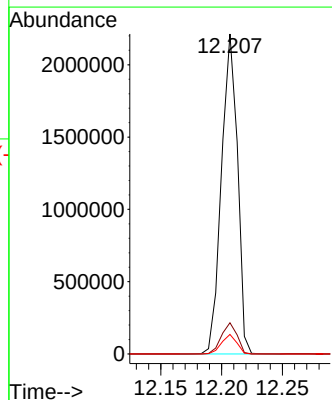
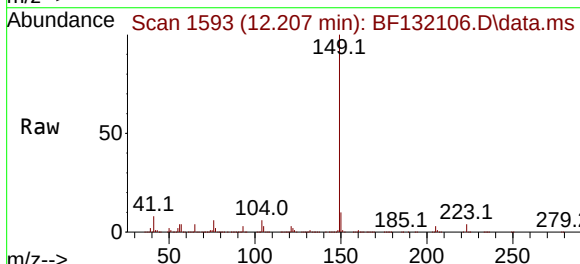
Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

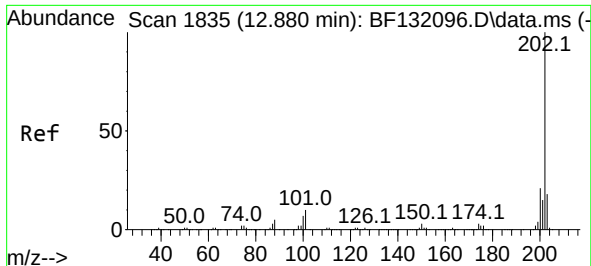
Tgt Ion:167 Resp: 1651915
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 43.366 ng
 RT: 12.207 min Scan# 1593
 Delta R.T. -0.003 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

Tgt Ion:149 Resp: 2032131
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 6.1 4.8 7.2

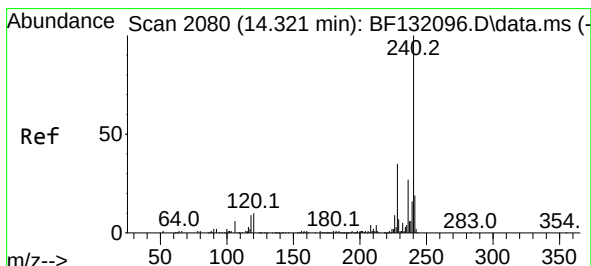
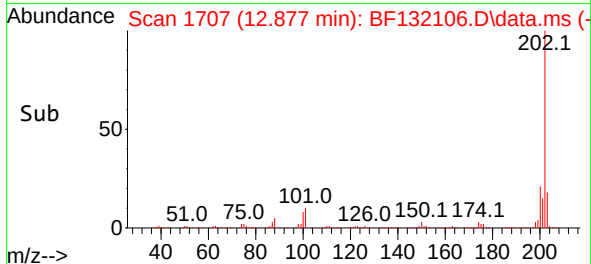
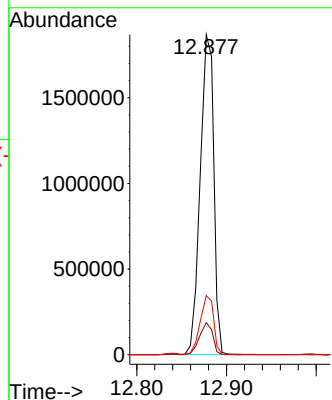
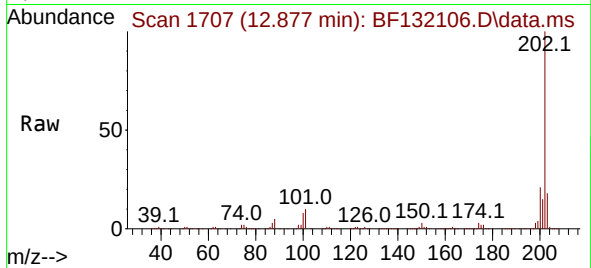




#75
Fluoranthene
Concen: 41.322 ng
RT: 12.877 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

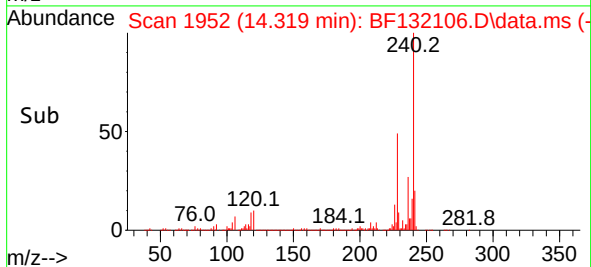
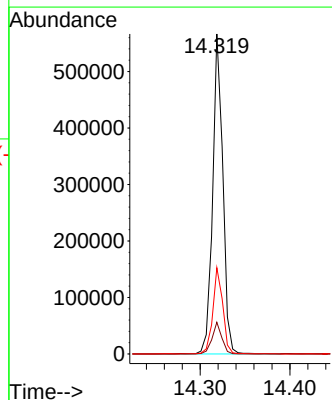
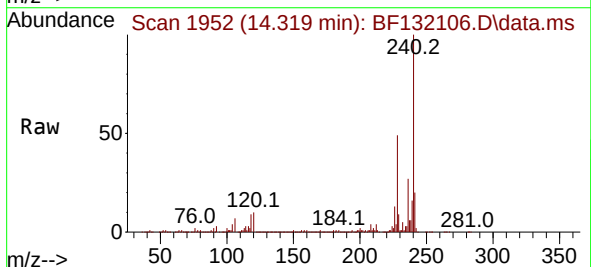
Instrument :
BNA_F
ClientSampleId :
PB150209BS

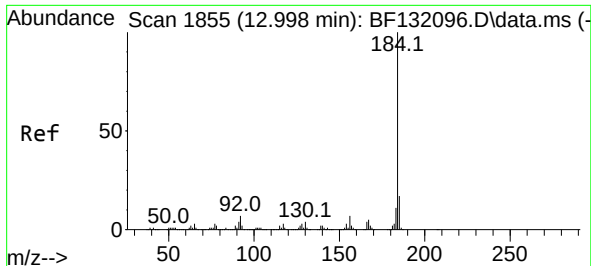
Tgt Ion:202 Resp: 1960064
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 18.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.319 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:240 Resp: 445933
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.8
236 26.9 21.3 31.9

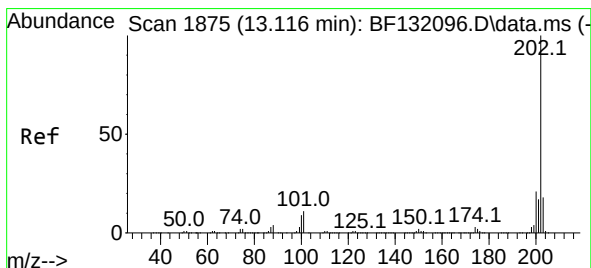
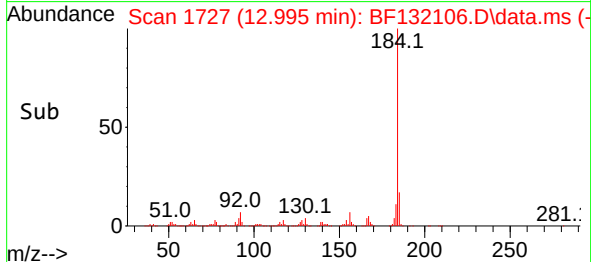
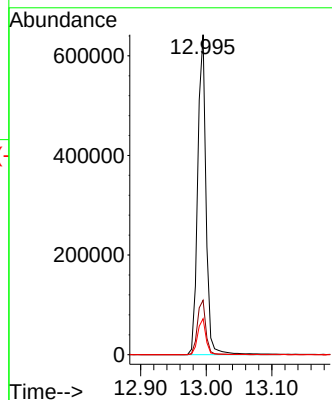
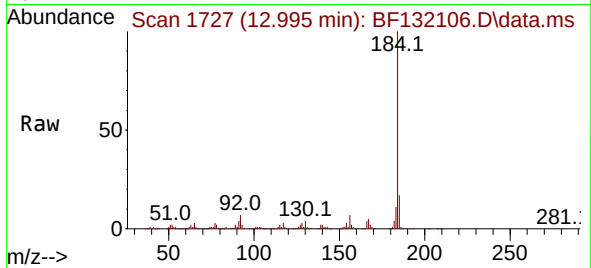




#77
Benzidine
Concen: 48.484 ng
RT: 12.995 min Scan# 1727
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

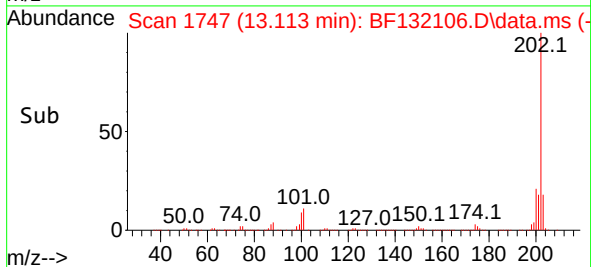
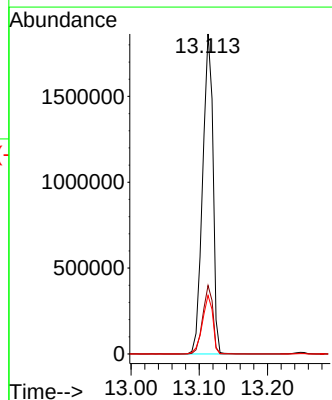
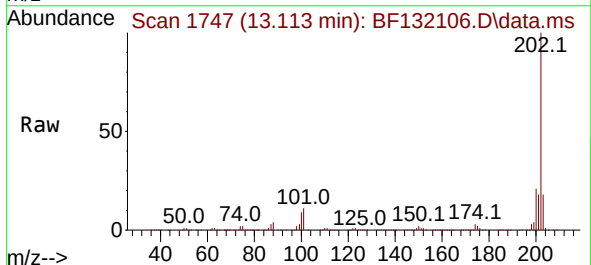
Instrument :
BNA_F
ClientSampleId :
PB150209BS

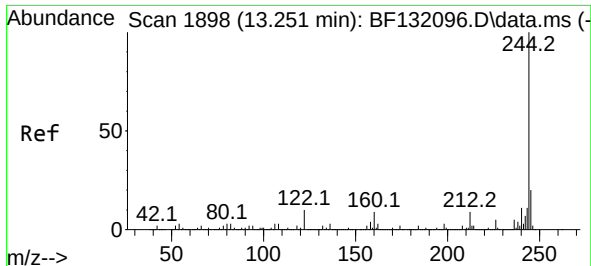
Tgt Ion:184 Resp: 567577
Ion Ratio Lower Upper
184 100
185 17.0 13.3 19.9
183 11.3 8.9 13.3



#78
Pyrene
Concen: 46.730 ng
RT: 13.113 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:202 Resp: 1960892
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.3 14.6 21.8

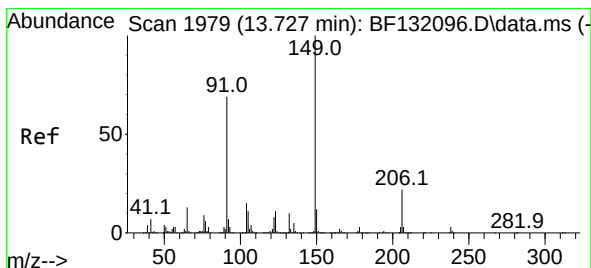
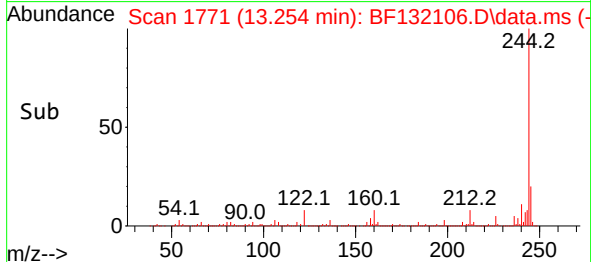
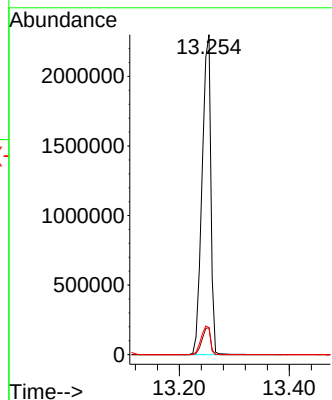
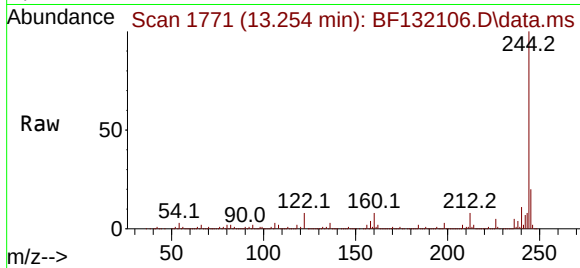




#79
 Terphenyl-d14
 Concen: 96.428 ng
 RT: 13.254 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

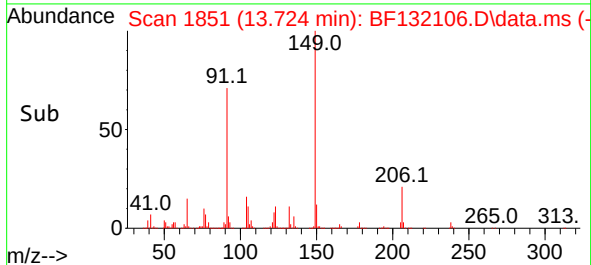
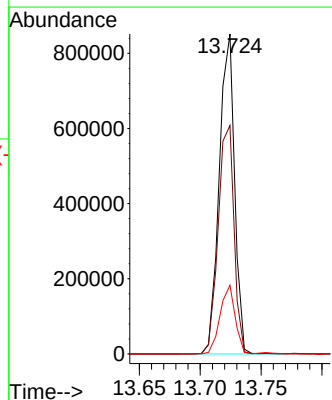
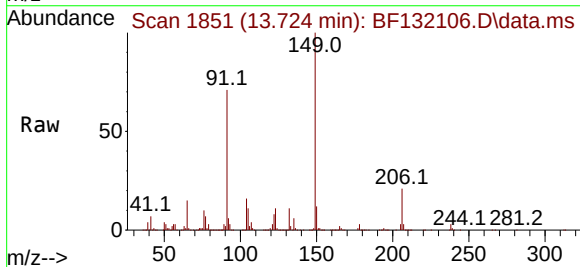
Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

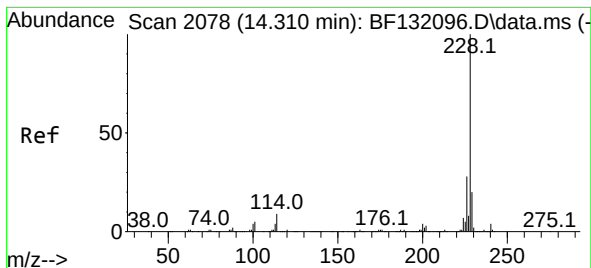
Tgt Ion:244 Resp: 2550886
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.1 10.7
 122 8.4 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 54.156 ng
 RT: 13.724 min Scan# 1851
 Delta R.T. -0.003 min
 Lab File: BF132106.D
 Acq: 17 Jan 2023 21:48

Tgt Ion:149 Resp: 748489
 Ion Ratio Lower Upper
 149 100
 91 71.4 54.9 82.3
 206 21.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 44.760 ng

RT: 14.307 min Scan# 1943

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

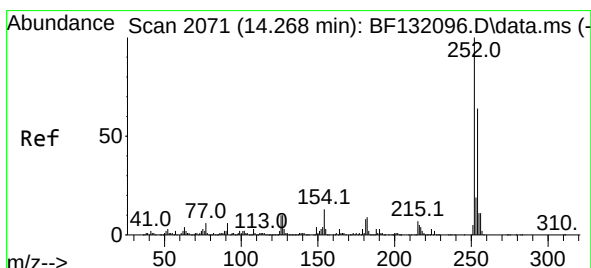
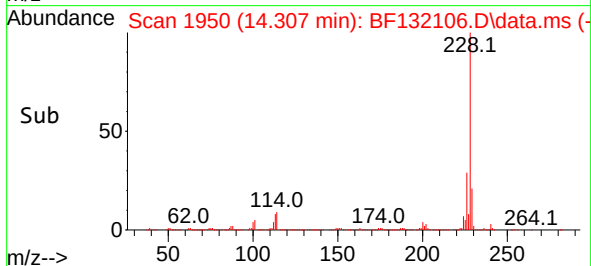
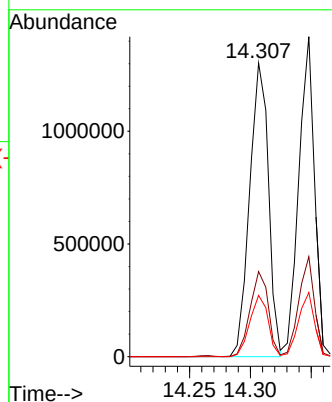
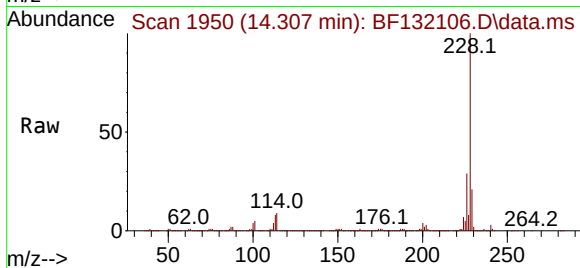
Tgt Ion:228 Resp: 1404101

Ion Ratio Lower Upper

228 100

226 29.0 22.2 33.4

229 20.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.219 ng

RT: 14.266 min Scan# 1943

Delta R.T. -0.002 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

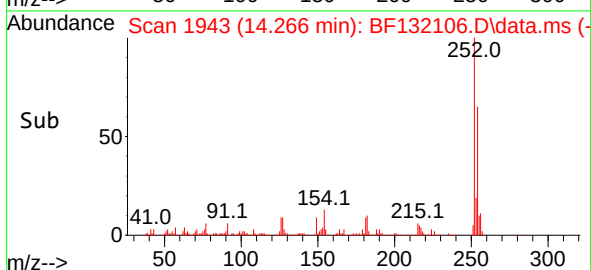
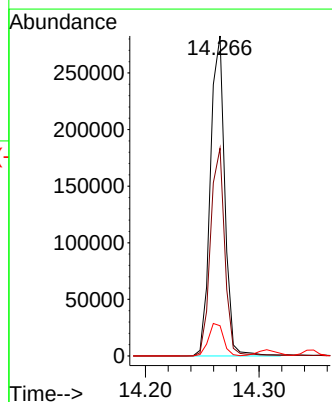
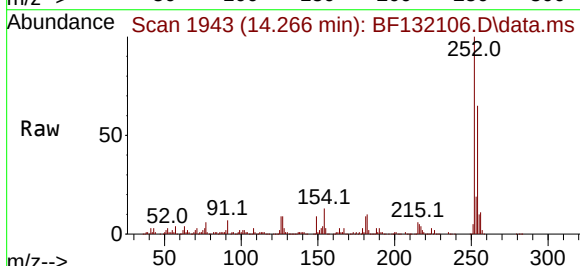
Tgt Ion:252 Resp: 248390

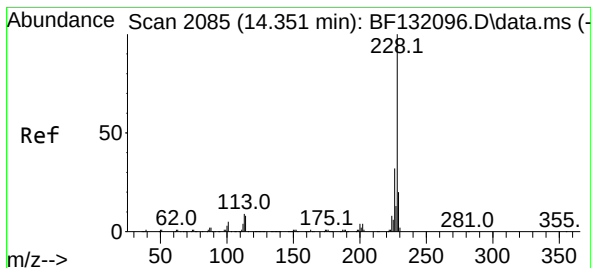
Ion Ratio Lower Upper

252 100

254 64.9 51.1 76.7

126 9.4 7.9 11.9





#83

Chrysene

Concen: 43.731 ng

RT: 14.348 min Scan# 1957

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

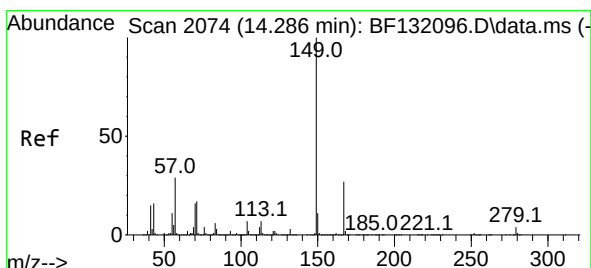
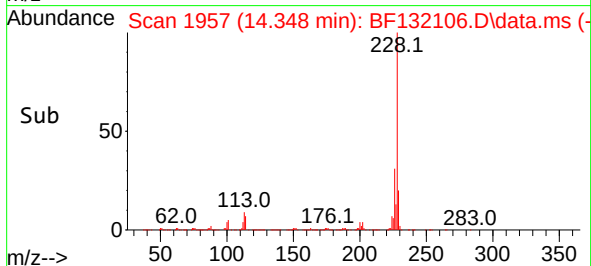
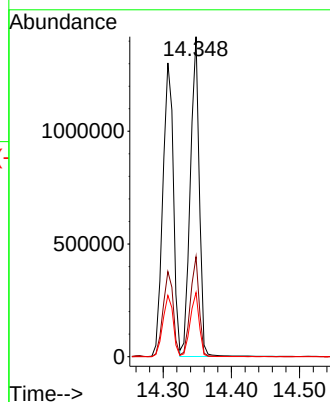
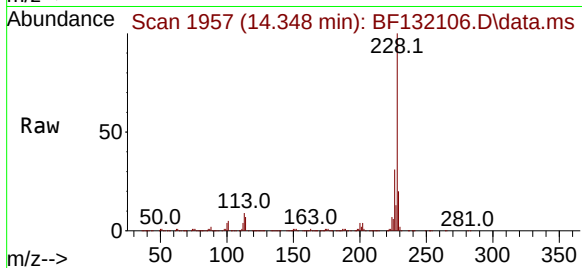
Tgt Ion:228 Resp: 1290377

Ion Ratio Lower Upper

228 100

226 31.3 25.1 37.7

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.215 ng

RT: 14.283 min Scan# 1946

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

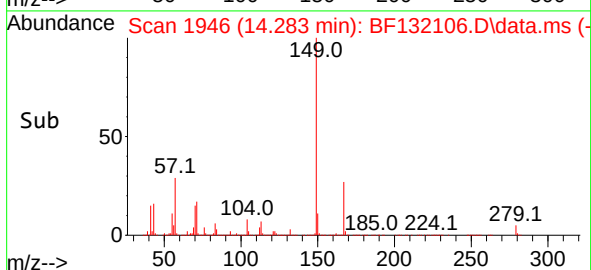
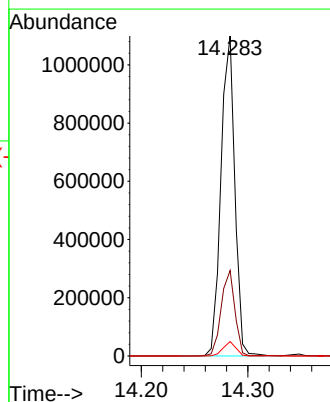
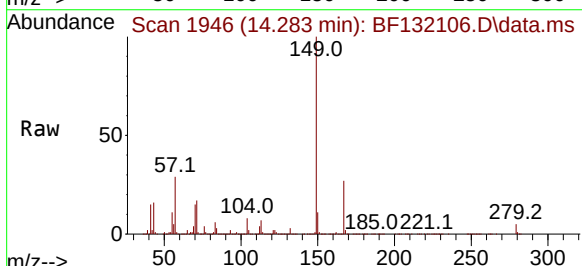
Tgt Ion:149 Resp: 989568

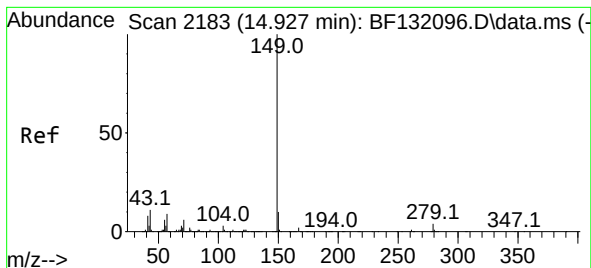
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 4.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 51.784 ng

RT: 14.924 min Scan# 2055

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

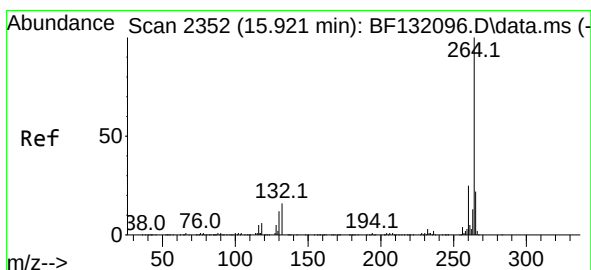
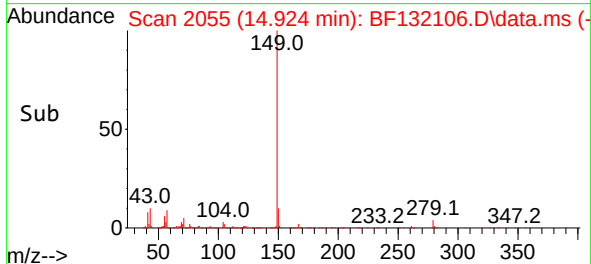
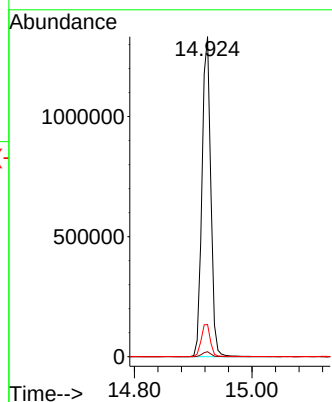
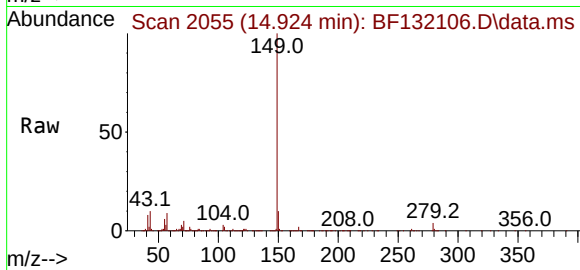
Tgt Ion:149 Resp: 1382534

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.918 min Scan# 2224

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

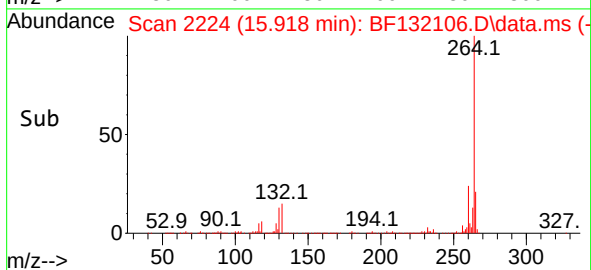
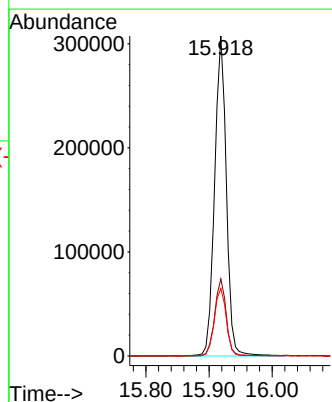
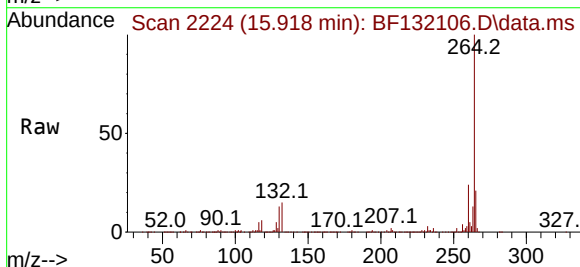
Tgt Ion:264 Resp: 396449

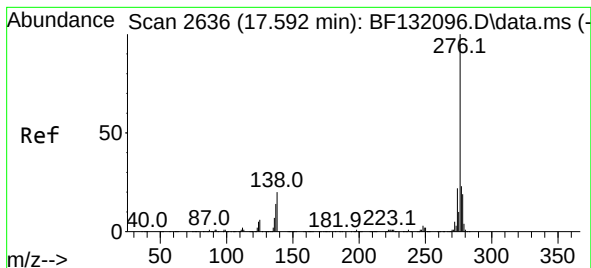
Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.075 ng

RT: 17.589 min Scan# 2142

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

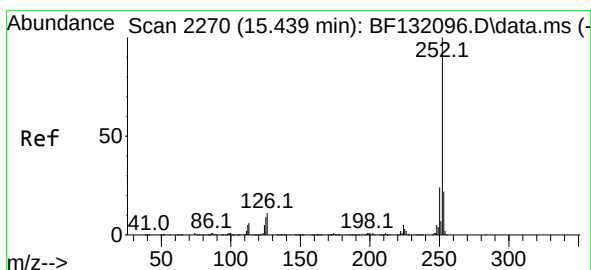
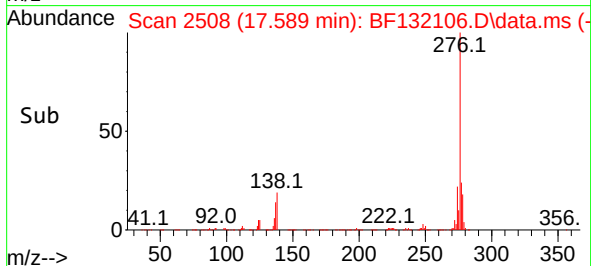
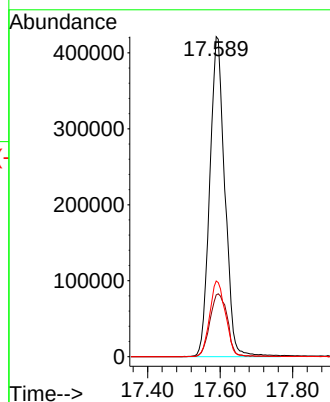
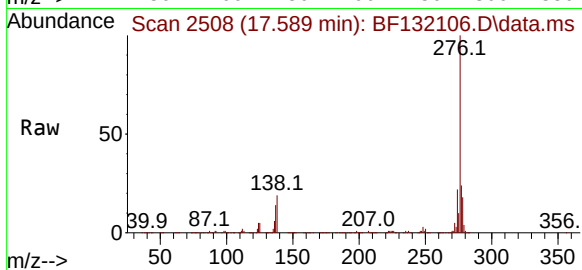
Tgt Ion:276 Resp: 1218458

Ion Ratio Lower Upper

276 100

138 22.7 19.1 28.7

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 48.853 ng

RT: 15.436 min Scan# 2142

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

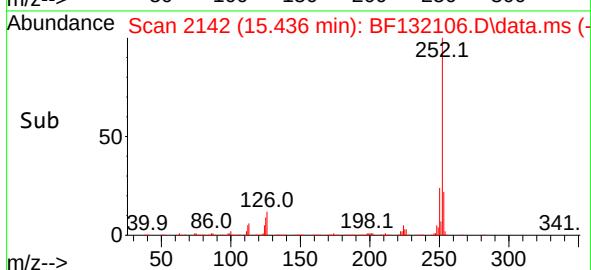
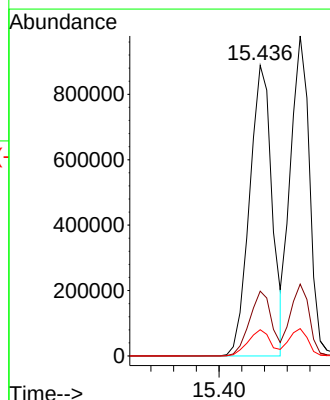
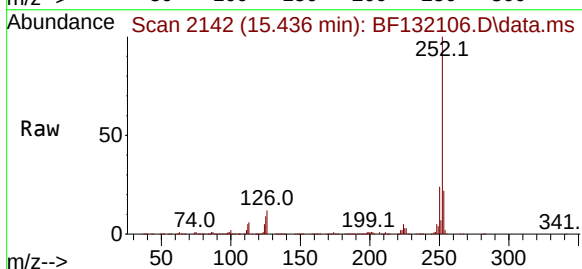
Tgt Ion:252 Resp: 1227736

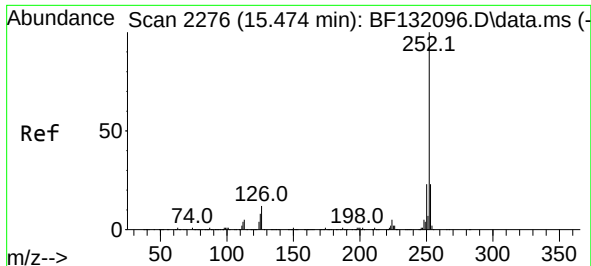
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.0 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 45.228 ng

RT: 15.471 min Scan# 2118

Delta R.T. -0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

Instrument :

BNA_F

ClientSampleId :

PB150209BS

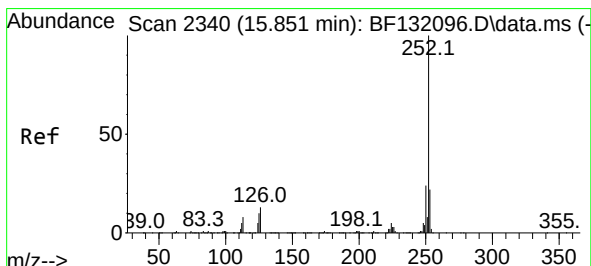
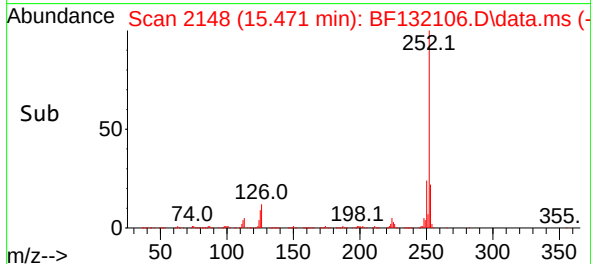
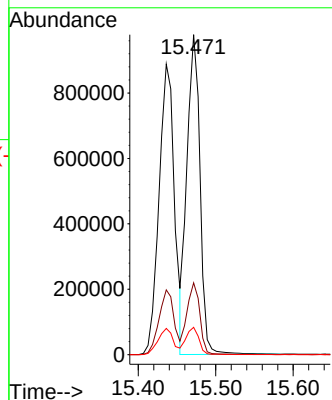
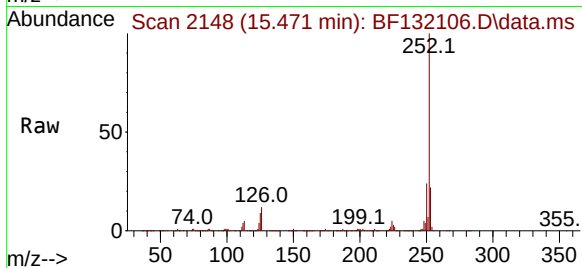
Tgt Ion:252 Resp: 1148210

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.6 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.000 ng

RT: 15.854 min Scan# 2213

Delta R.T. 0.003 min

Lab File: BF132106.D

Acq: 17 Jan 2023 21:48

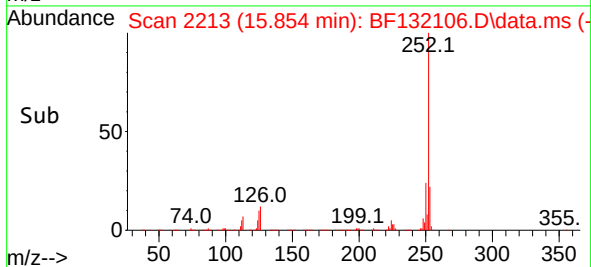
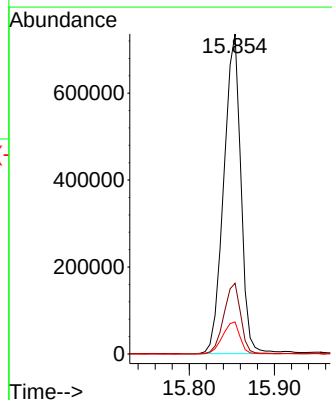
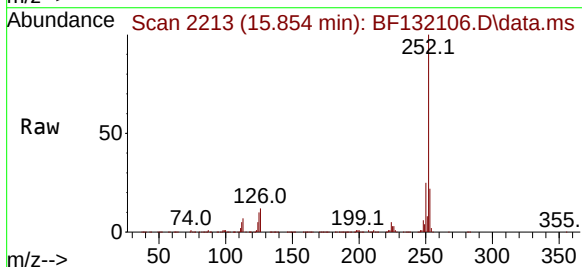
Tgt Ion:252 Resp: 1023443

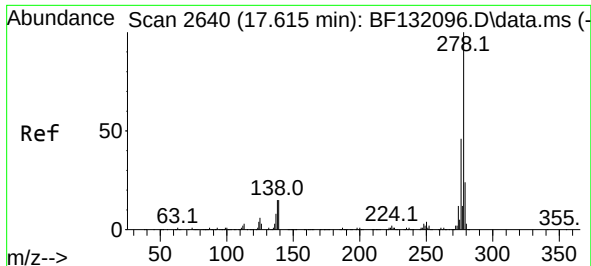
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.0 8.4 12.6



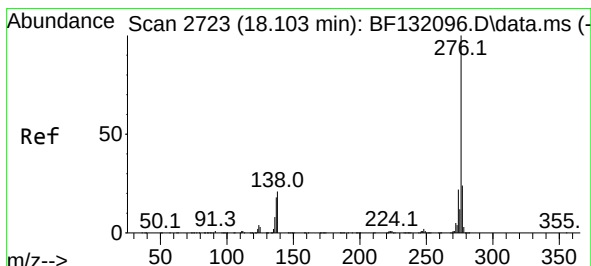
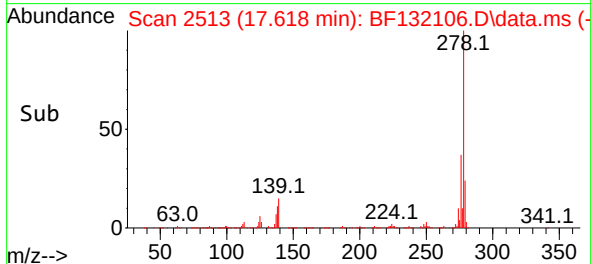
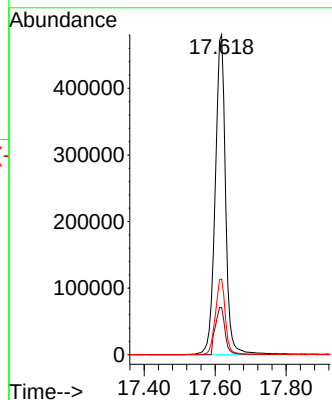
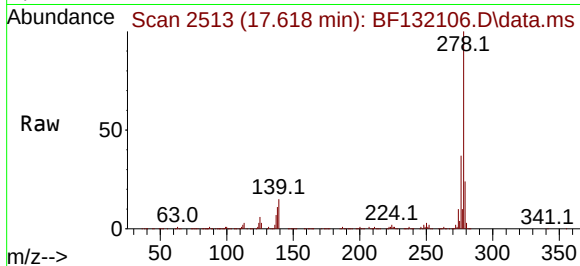


#91
Dibenzo(a,h)anthracene
Concen: 54.001 ng
RT: 17.618 min Scan# 21
Delta R.T. 0.003 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Tgt Ion:278 Resp: 976694

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.4	18.6
279	23.6	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 54.270 ng
RT: 18.107 min Scan# 2596
Delta R.T. 0.004 min
Lab File: BF132106.D
Acq: 17 Jan 2023 21:48

Tgt Ion:276 Resp: 1017200

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	19.3	16.8	25.2

