

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132008.D
 Acq On : 10 Jan 2023 21:33
 Operator : CG\JU
 Sample : 01080-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1-(10-12)

Quant Time: Jan 11 00:40:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	50408	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	157806	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	76680	20.000	ng	0.01
64) Phenanthrene-d10	11.351	188	133552	20.000	ng	# 0.02
76) Chrysene-d12	14.010	240	120128	20.000	ng	# 0.02
86) Perylene-d12	15.474	264	101951	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	377703	123.467	ng	0.01
7) Phenol-d6	6.440	99	450402	111.044	ng	0.00
23) Nitrobenzene-d5	7.363	82	321692	84.606	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	91042	103.263	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	389649	68.598	ng	0.00
79) Terphenyl-d14	12.951	244	453113	54.062	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.304	77	18832	6.978	ng	# 1
15) Benzyl Alcohol	6.934	79	12063	3.415	ng	# 50
18) Hexachloroethane	7.281	117	20827	14.560	ng	# 1
19) n-Nitroso-di-n-propyla...	7.210	70	41905	14.282	ng	# 72
22) Acetophenone	7.181	105	49812	10.841	ng	# 62
24) Nitrobenzene	7.363	77	30521	7.885	ng	# 43
25) Isophorone	7.604	82	102316	14.404	ng	# 1
26) 2-Nitrophenol	7.698	139	7731	5.076	ng	# 1
27) 2,4-Dimethylphenol	7.734	122	16921	6.656	ng	# 4
29) 2,4-Dichlorophenol	7.928	162	11834	4.545	ng	# 7
31) Naphthalene	8.104	128	28328	3.397	ng	# 1
32) Benzoic acid	7.869	122	13501	9.160	ng	# 8
35) Caprolactam	8.545	113	11057	14.458	ng	# 1
37) 2-Methylnaphthalene	8.804	142	351540	58.692	ng	99
38) 1-Methylnaphthalene	8.904	142	392288	70.693	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	5570	3.425	ng	# 12
44) 2,4,5-Trichlorophenol	9.116	196	4672	2.467	ng	# 1
49) Acenaphthylene	9.710	152	23264	3.264	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	6990	5.560	ng	# 69
52) Acenaphthene	9.881	154	19321	4.515	ng	# 63
53) 3-Nitroaniline	9.828	138	8733	7.160	ng	# 34
55) Dibenzofuran	10.057	168	24401	3.618	ng	# 14
56) 4-Nitrophenol	9.998	139	2550	3.712	ng	# 1
57) 2,4-Dinitrotoluene	10.051	165	8541	5.082	ng	# 66
58) Fluorene	10.404	166	40735	7.560	ng	# 75
61) 4-Chlorophenyl-phenyle...	10.410	204	9210	2.986	ng	# 1
62) 4-Nitroaniline	10.410	138	2746	2.504	ng	# 27
63) Azobenzene	10.563	77	17371	2.786	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.463	198	2191	2.544	ng	# 1
66) n-Nitrosodiphenylamine	10.769	169	72462	17.294	ng	94
70) Pentachlorophenol	11.186	266	2816	7.312	ng	# 59
71) Phenanthrene	11.380	178	202432	29.076	ng	# 90
72) Anthracene	11.428	178	34814	4.857	ng	# 47
74) Di-n-butylphthalate	11.898	149	32640	3.951	ng	# 28
75) Fluoranthene	12.580	202	134915	17.231	ng	87
77) Benzidine	12.669	184	8197	2.054	ng	# 1

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Data File : BF132008.D
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Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

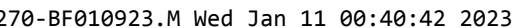
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

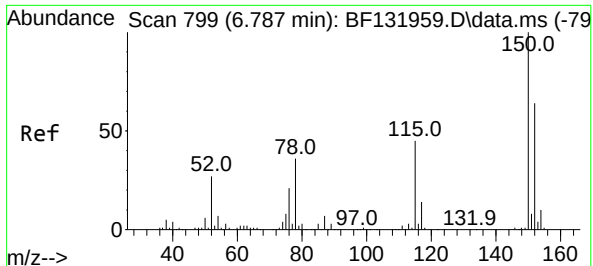
Quant Time: Jan 11 00:40:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.816	202	225560	20.587	ng	# 94
81) Benzo(a)anthracene	13.998	228	103472	11.839	ng	# 89
83) Chrysene	14.033	228	103154	12.629	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.974	149	404788	67.561	ng	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	23035	3.684	ng	96
88) Benzo(b)fluoranthene	15.045	252	87815	12.558	ng	# 68
89) Benzo(k)fluoranthene	15.045	252	87815	12.583	ng	# 68
90) Benzo(a)pyrene	15.410	252	53765	8.534	ng	# 84
92) Benzo(g,h,i)perylene	17.368	276	23910	7.472	ng	# 91

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

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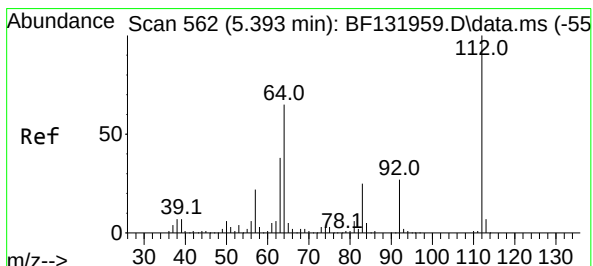
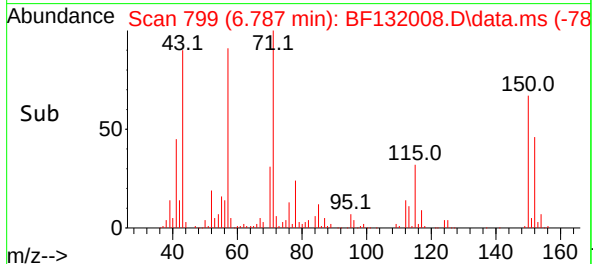
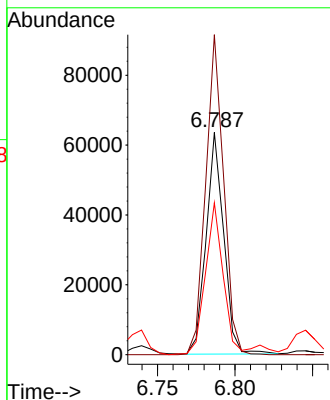
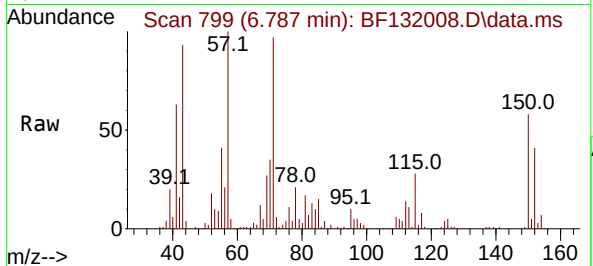




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF132008.D
 Acq: 10 Jan 2023 21:33

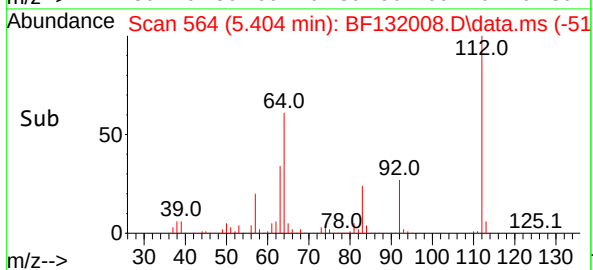
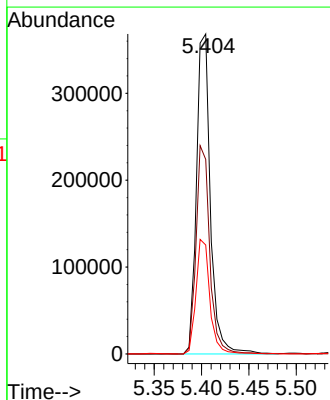
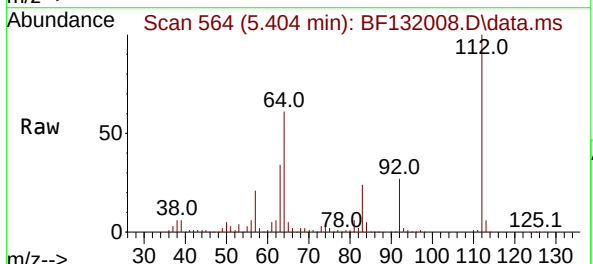
Instrument :
 BNA_F
 ClientSampleId :
 B-1-(10-12)

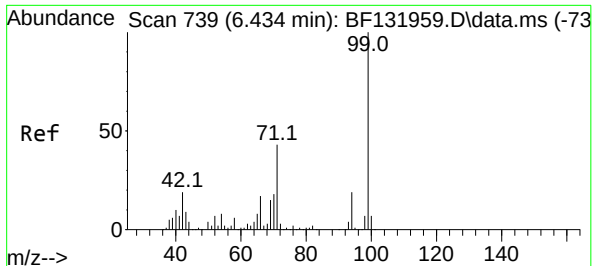
Tgt Ion:152 Resp: 50408
 Ion Ratio Lower Upper
 152 100
 150 143.9 124.6 186.8
 115 68.3 55.6 83.4



#5
 2-Fluorophenol
 Concen: 123.467 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF132008.D
 Acq: 10 Jan 2023 21:33

Tgt Ion:112 Resp: 377703
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.9 77.9
 63 34.0 30.2 45.2

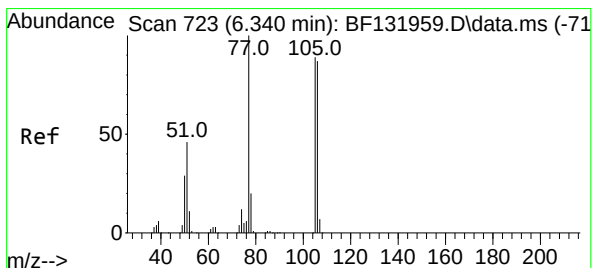
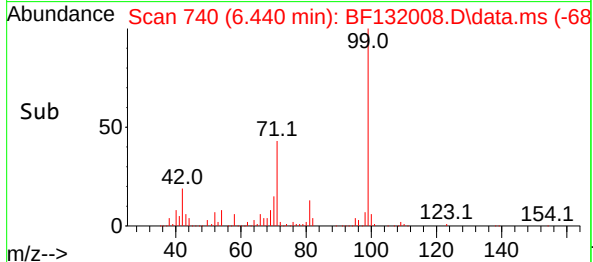
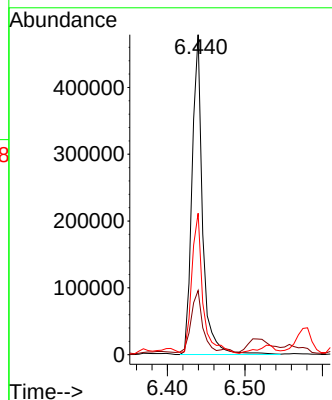
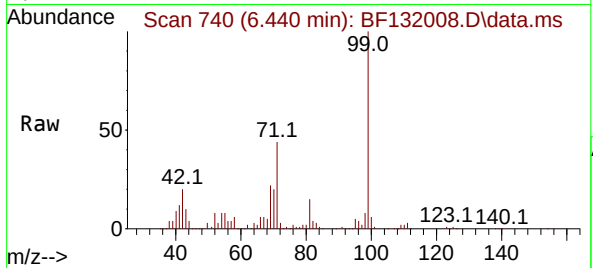




#7
Phenol-d6
Concen: 111.044 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

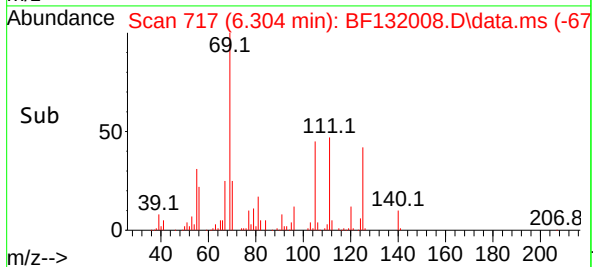
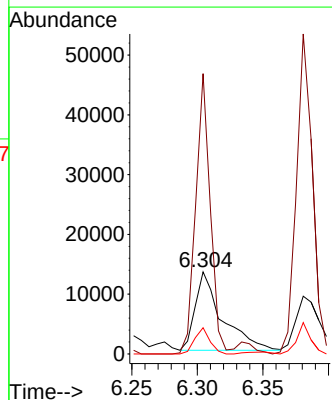
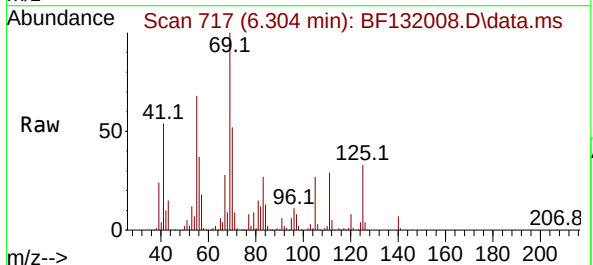
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

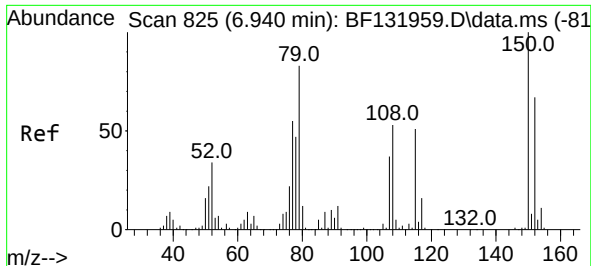
Tgt Ion: 99 Resp: 450402
Ion Ratio Lower Upper
99 100
42 20.0 15.4 23.2
71 44.2 34.6 51.8



#9
Benzaldehyde
Concen: 6.978 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.036 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion: 77 Resp: 18832
Ion Ratio Lower Upper
77 100
105 341.8 69.0 109.0#
106 32.1 67.0 107.0#

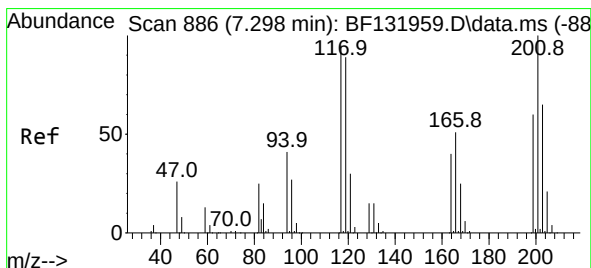
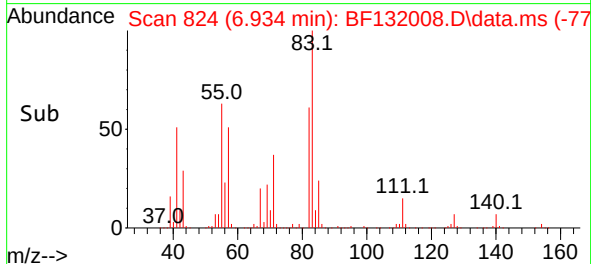
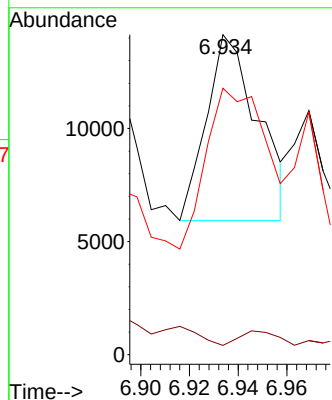
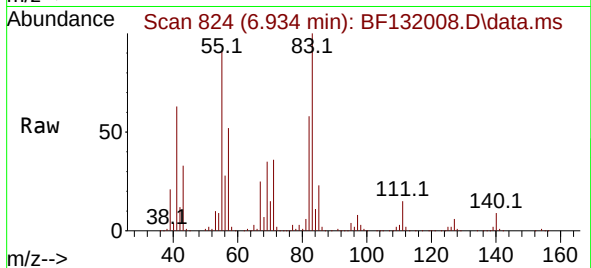




#15
Benzyl Alcohol
Concen: 3.415 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

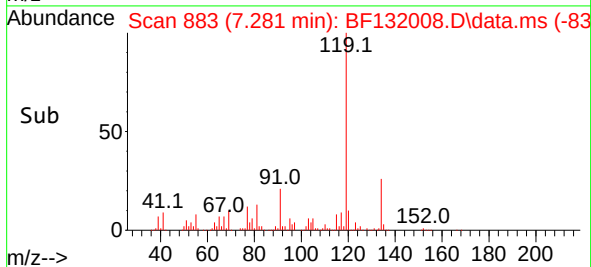
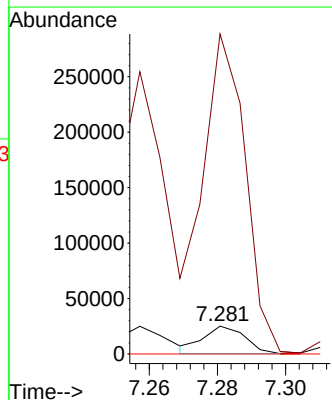
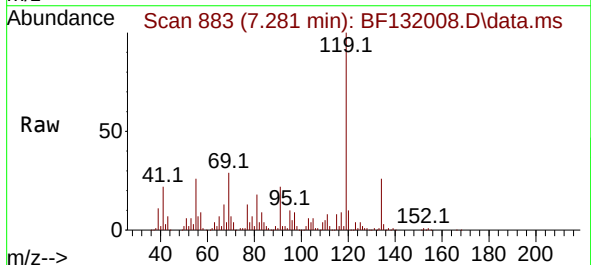
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

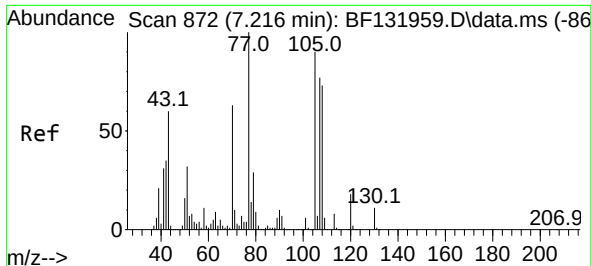
Tgt Ion: 79 Resp: 12063
Ion Ratio Lower Upper
79 100
108 2.9 51.7 77.5#
77 83.2 52.9 79.3#



#18
Hexachloroethane
Concen: 14.560 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion: 117 Resp: 20827
Ion Ratio Lower Upper
117 100
119 1149.2 75.4 113.0#
201 0.0 84.2 126.4#



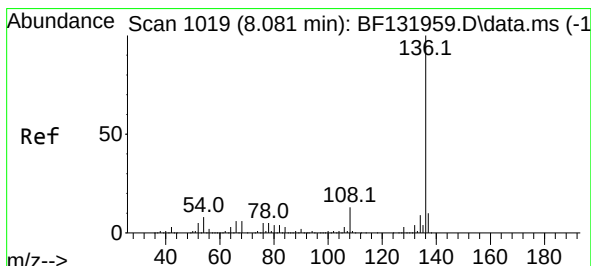
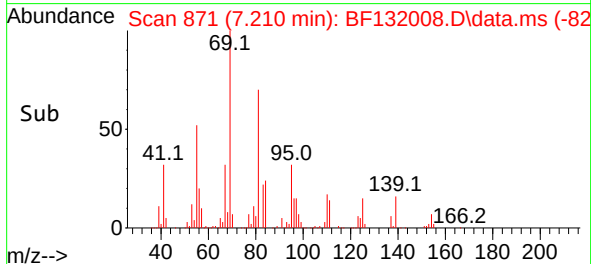
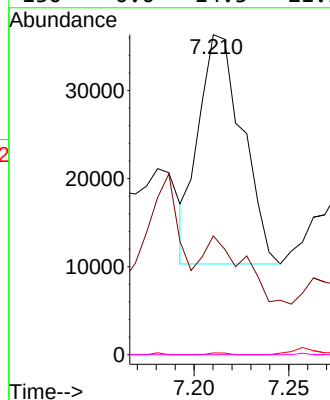
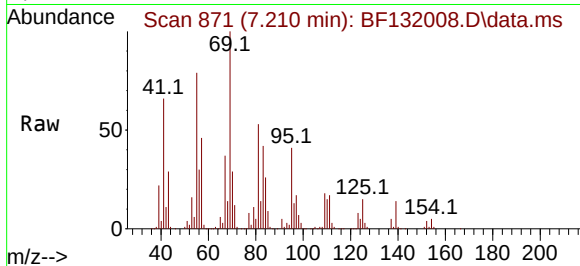


#19
n-Nitroso-di-n-propylamine
Concen: 14.282 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Tgt Ion: 70 Resp: 41905

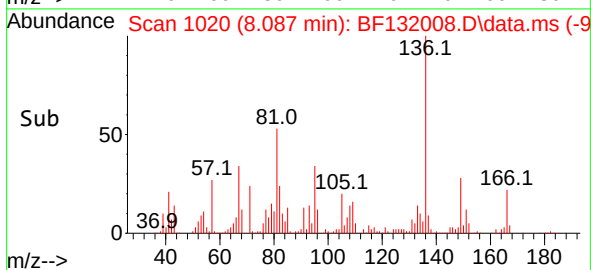
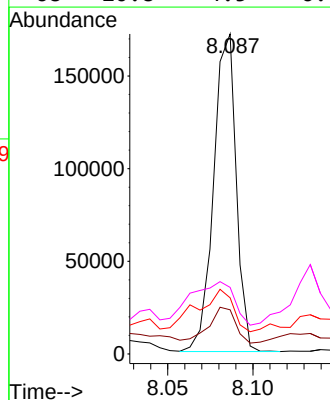
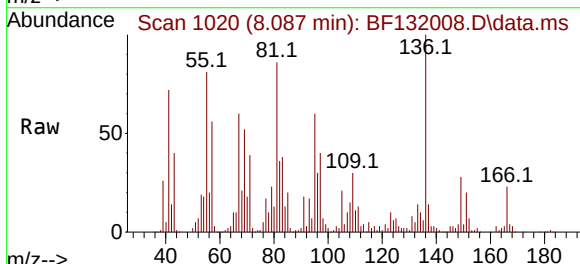
Ion	Ratio	Lower	Upper
70	100		
42	37.1	44.3	66.5#
101	0.5	7.5	11.3#
130	0.0	14.3	21.5#

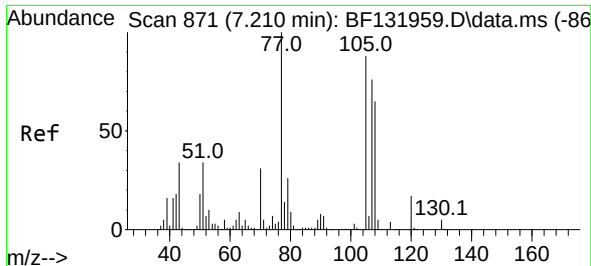


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion: 136 Resp: 157806

Ion	Ratio	Lower	Upper
136	100		
137	13.8	8.2	12.2#
54	17.6	6.6	9.8#
68	20.8	4.5	6.7#

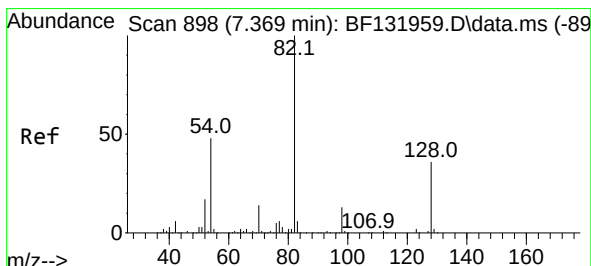
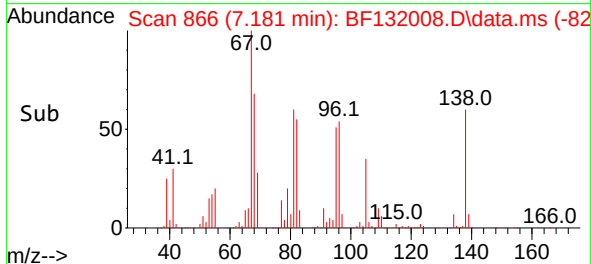
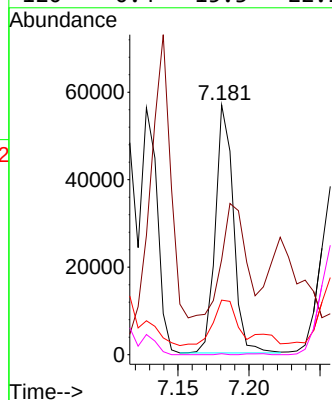
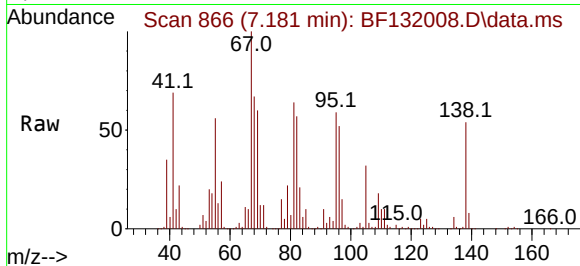




#22
Acetophenone
Concen: 10.841 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.029 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

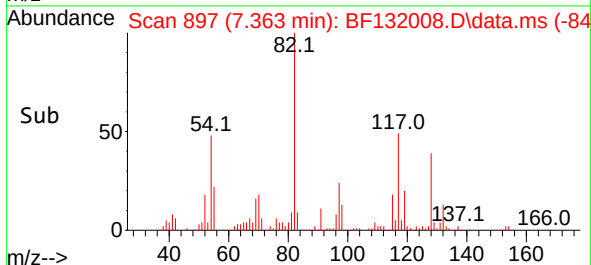
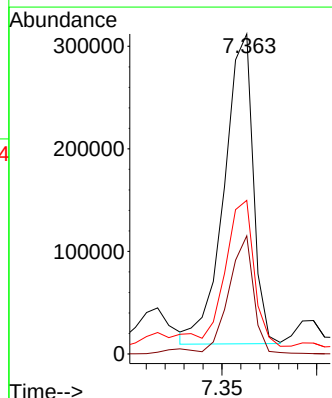
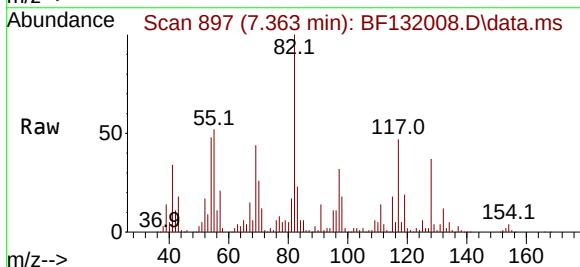
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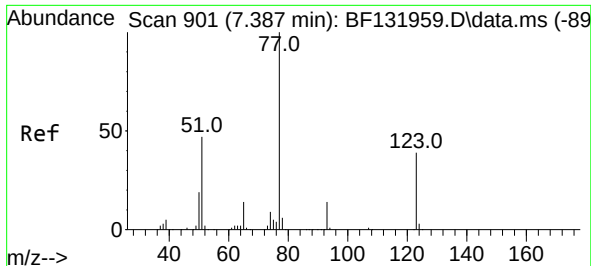
Tgt Ion:105 Resp: 49812
Ion Ratio Lower Upper
105 100
71 38.0 4.6 7.0#
51 21.9 30.6 46.0#
120 0.4 15.3 22.9#



#23
Nitrobenzene-d5
Concen: 84.606 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion: 82 Resp: 321692
Ion Ratio Lower Upper
82 100
128 36.9 28.7 43.1
54 48.0 38.1 57.1

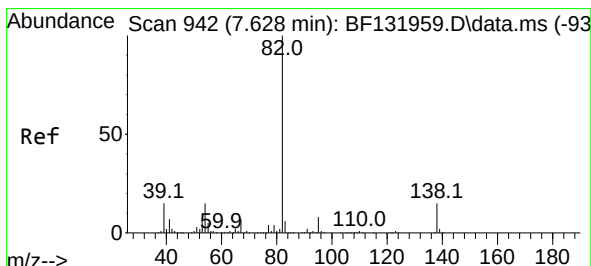
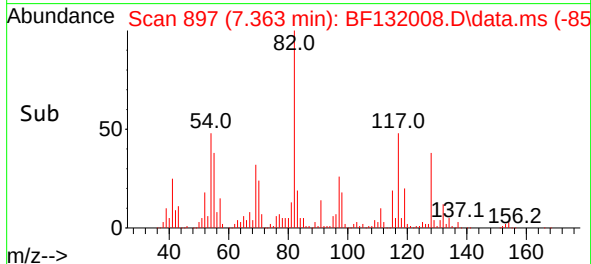
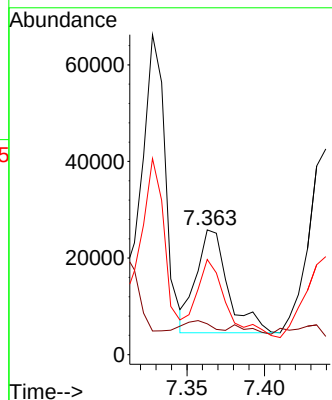
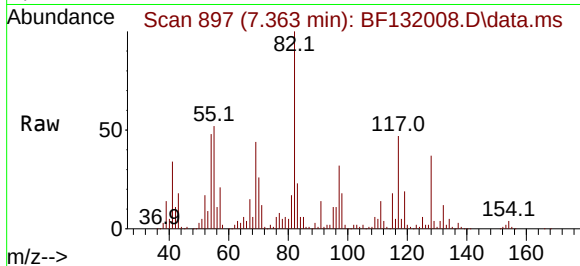




#24
Nitrobenzene
Concen: 7.885 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.024 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

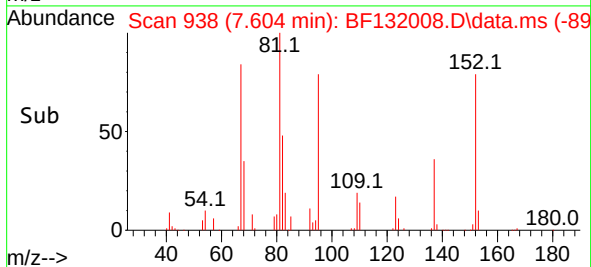
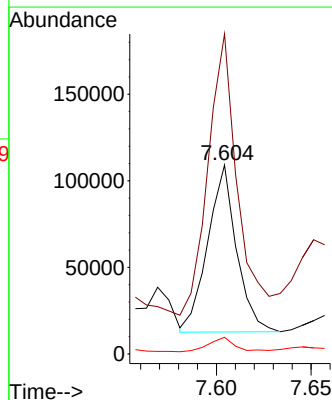
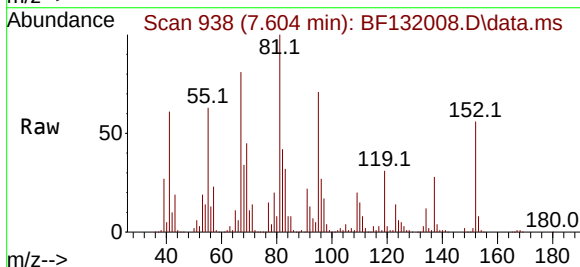
Instrument :
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ClientSampleId :
B-1-(10-12)

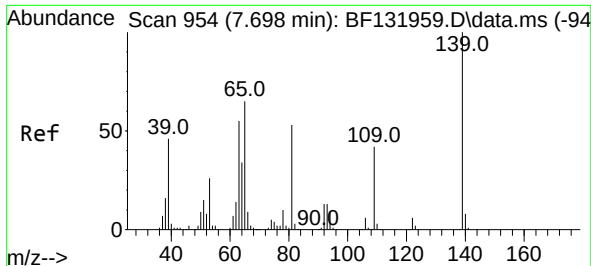
Tgt Ion: 77 Resp: 30521
Ion Ratio Lower Upper
77 100
123 24.8 30.9 46.3#
65 76.2 10.8 16.2#



#25
Isophorone
Concen: 14.404 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.024 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion: 82 Resp: 102316
Ion Ratio Lower Upper
82 100
95 169.3 6.5 9.7#
138 8.8 11.9 17.9#

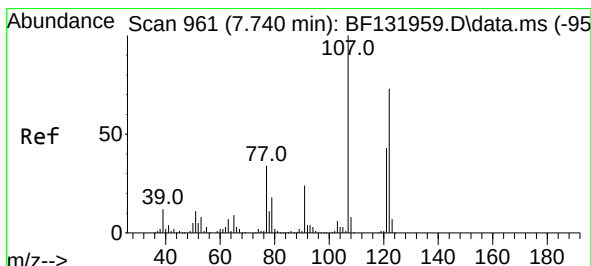
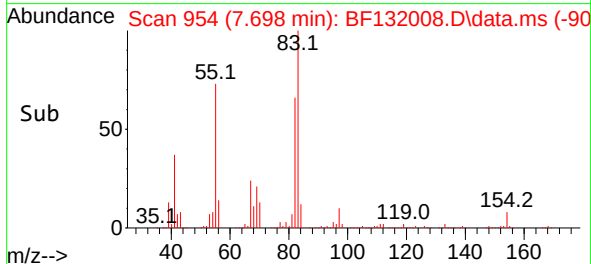
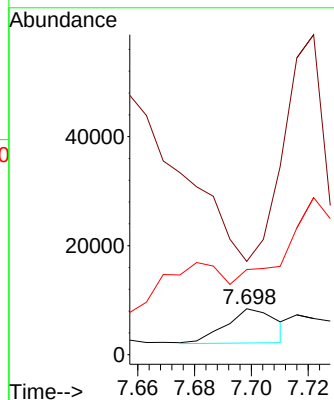
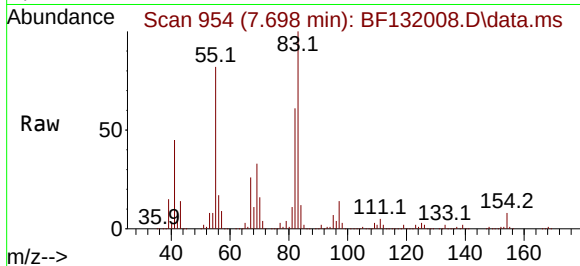




#26
2-Nitrophenol
Concen: 5.076 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

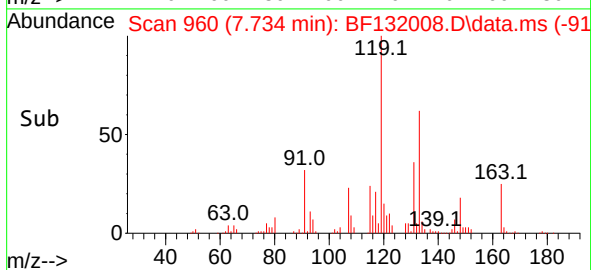
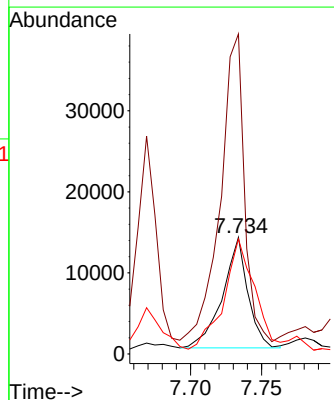
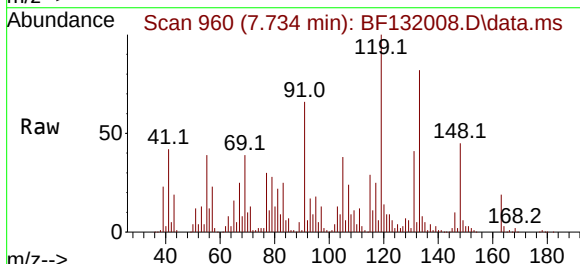
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

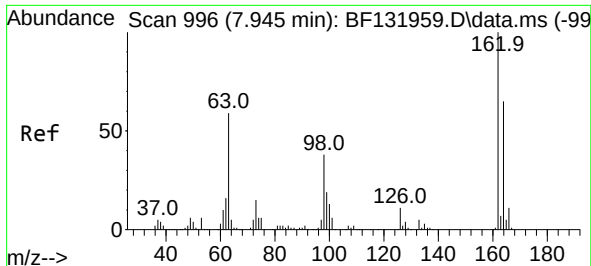
Tgt Ion:139 Resp: 7731
Ion Ratio Lower Upper
139 100
109 203.0 33.9 50.9#
65 185.2 51.6 77.4#



#27
2,4-Dimethylphenol
Concen: 6.656 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:122 Resp: 16921
Ion Ratio Lower Upper
122 100
107 274.4 109.4 164.0#
121 98.6 47.2 70.8#





#29

2,4-Dichlorophenol

Concen: 4.545 ng

RT: 7.928 min Scan# 996

Delta R.T. -0.018 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

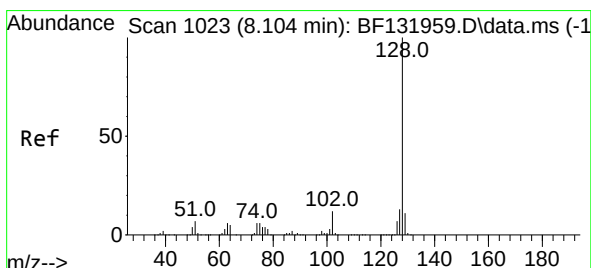
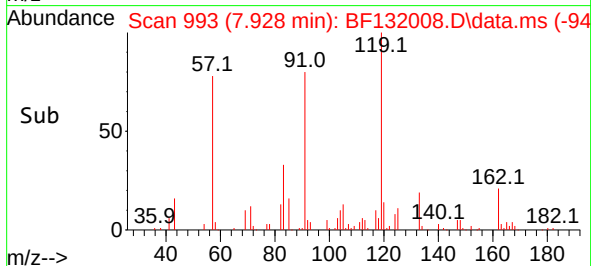
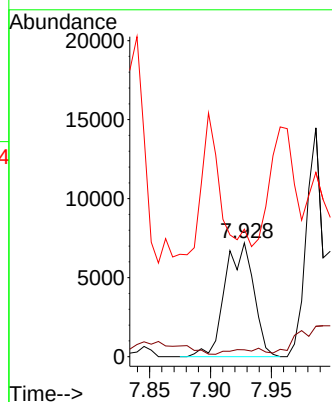
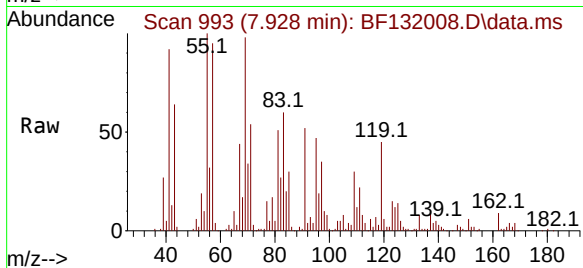
Tgt Ion:162 Resp: 11834

Ion Ratio Lower Upper

162 100

164 6.1 45.2 85.2#

98 112.2 17.5 57.5#



#31

Naphthalene

Concen: 3.397 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

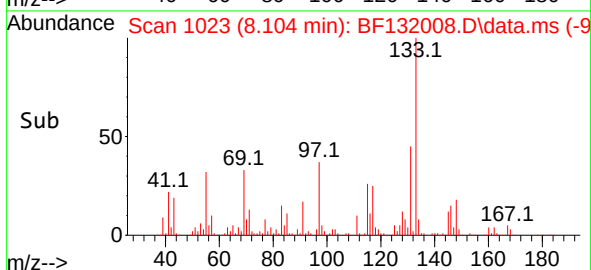
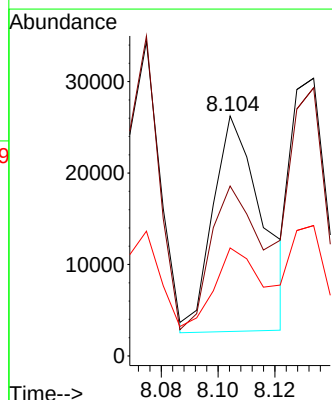
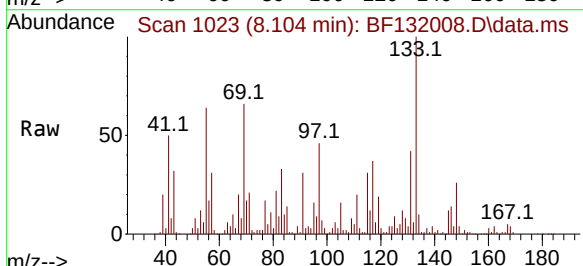
Tgt Ion:128 Resp: 28328

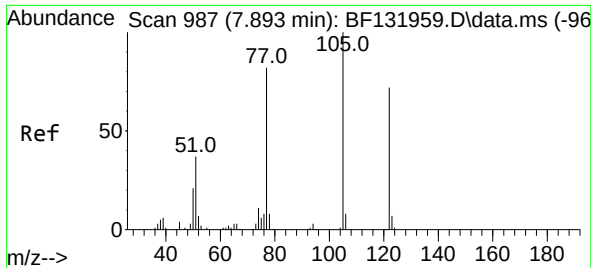
Ion Ratio Lower Upper

128 100

129 70.8 8.8 13.2#

127 45.0 10.5 15.7#

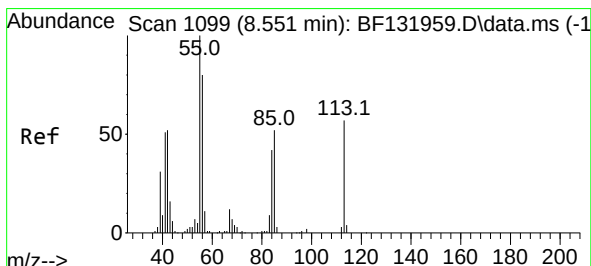
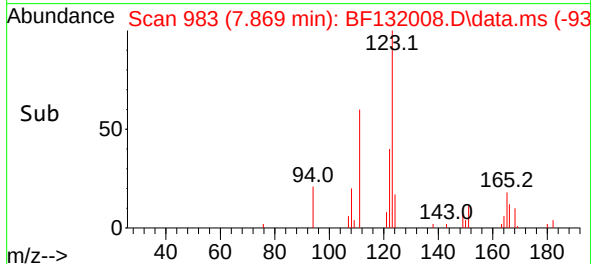
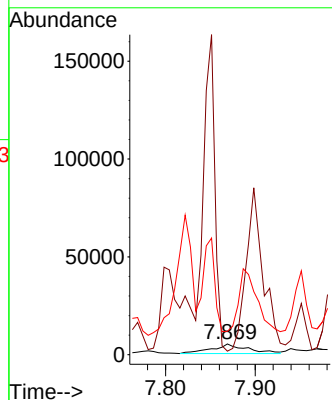
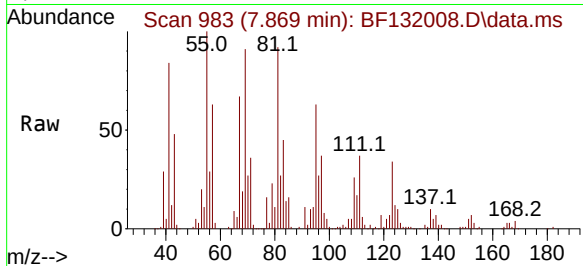




#32
Benzoic acid
Concen: 9.160 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

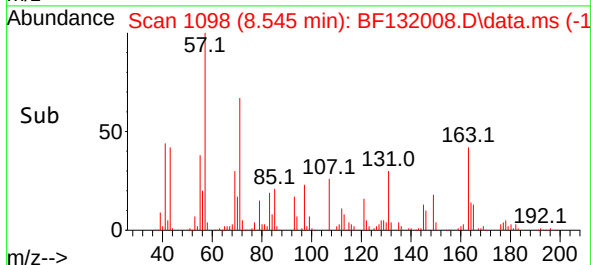
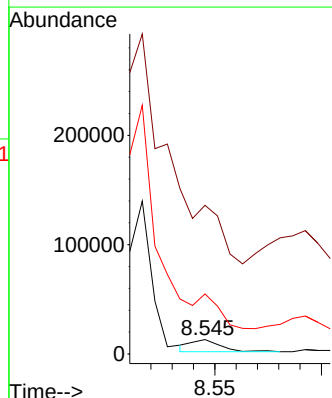
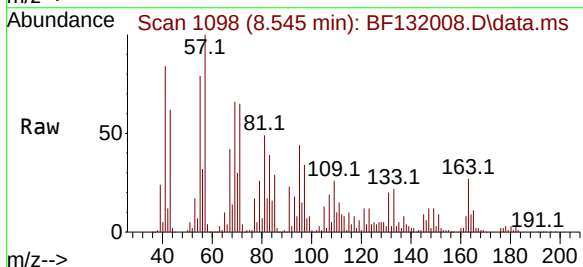
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

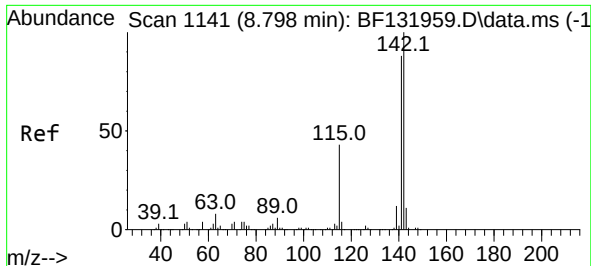
Tgt Ion:122 Resp: 13501
Ion Ratio Lower Upper
122 100
105 33.3 116.3 156.3#
77 218.0 92.7 132.7#



#35
Caprolactam
Concen: 14.458 ng
RT: 8.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:113 Resp: 11057
Ion Ratio Lower Upper
113 100
55 1034.8 154.4 194.4#
56 417.9 119.6 159.6#





#37

2-Methylnaphthalene

Concen: 58.692 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

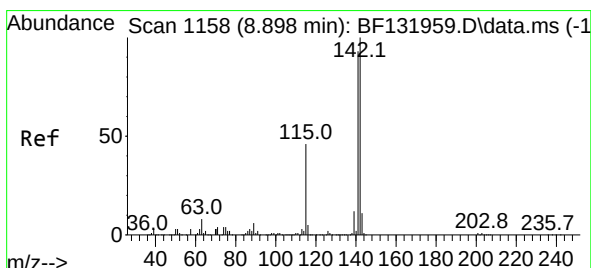
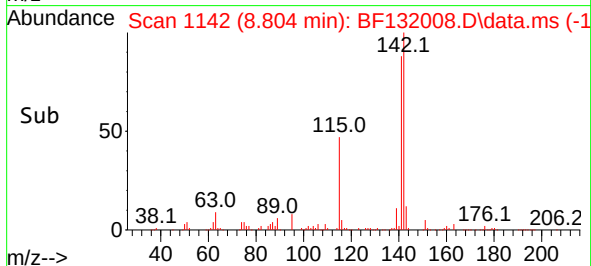
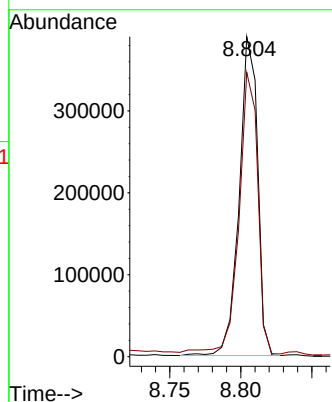
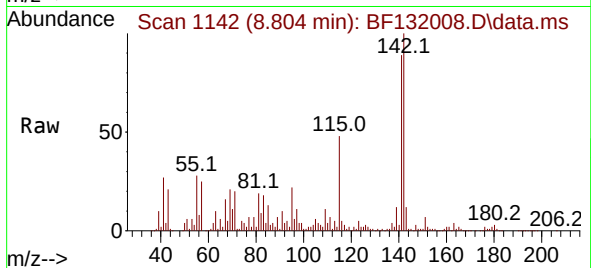
B-1-(10-12)

Tgt Ion:142 Resp: 351540

Ion Ratio Lower Upper

142 100

141 88.8 70.6 106.0



#38

1-Methylnaphthalene

Concen: 70.693 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF132008.D

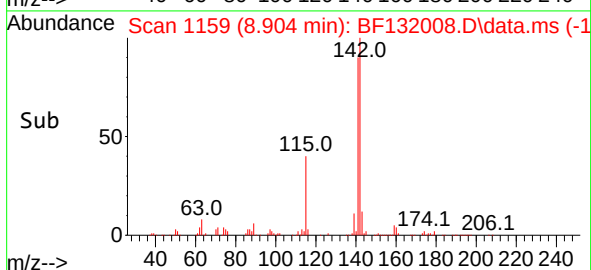
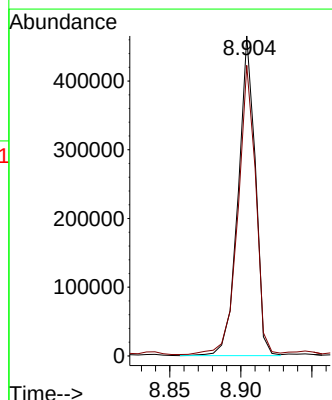
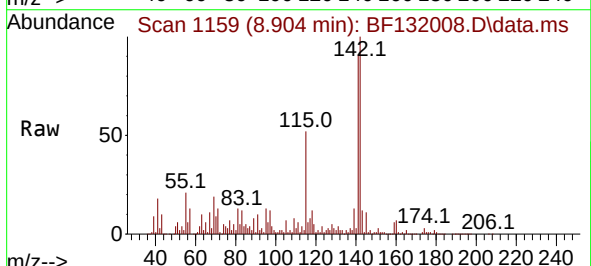
Acq: 10 Jan 2023 21:33

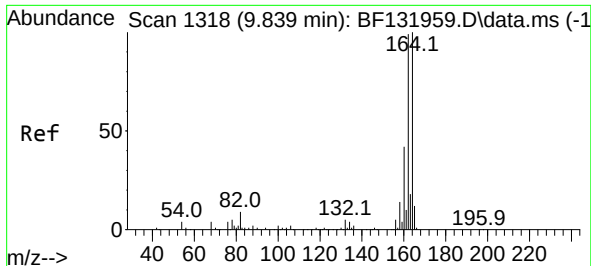
Tgt Ion:142 Resp: 392288

Ion Ratio Lower Upper

142 100

141 90.8 74.3 111.5

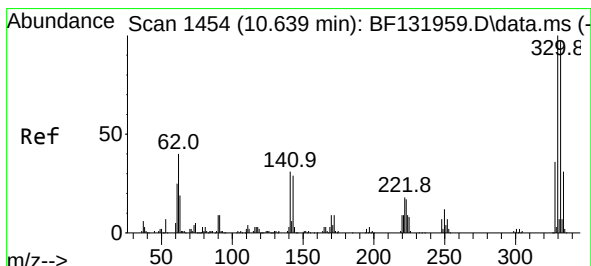
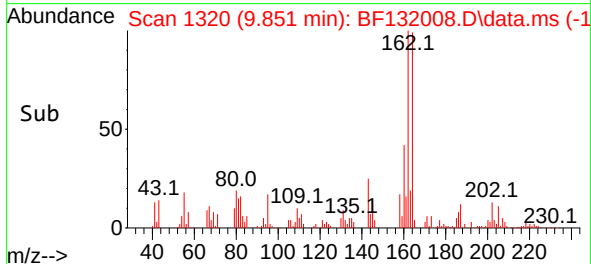
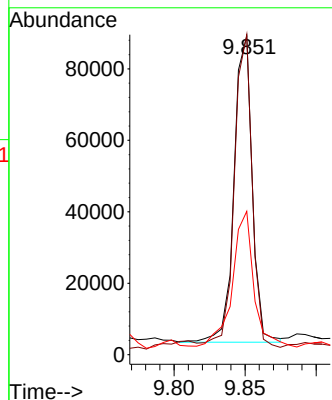
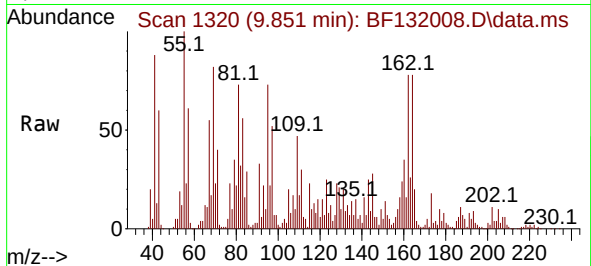




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

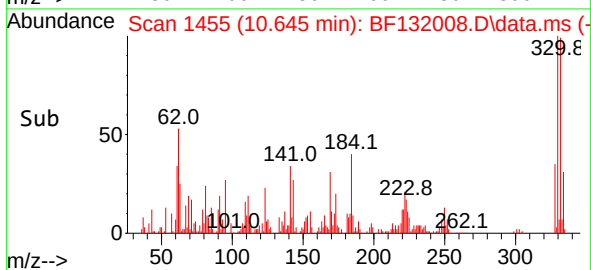
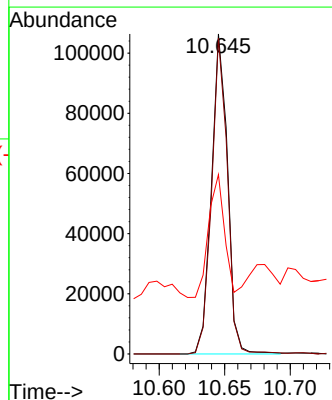
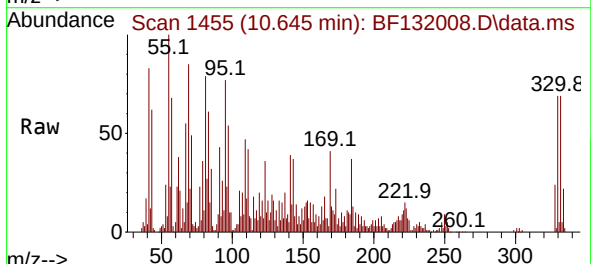
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

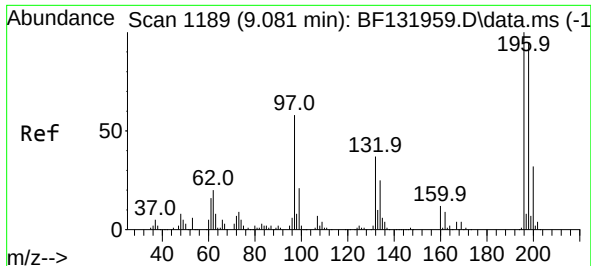
Tgt Ion:164 Resp: 76680
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 45.0 33.9 50.9



#42
2,4,6-Tribromophenol
Concen: 103.263 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:330 Resp: 91042
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 39.2 31.3 46.9

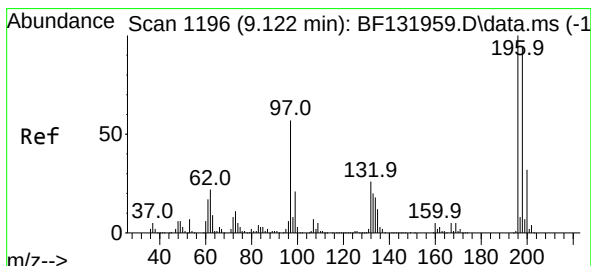
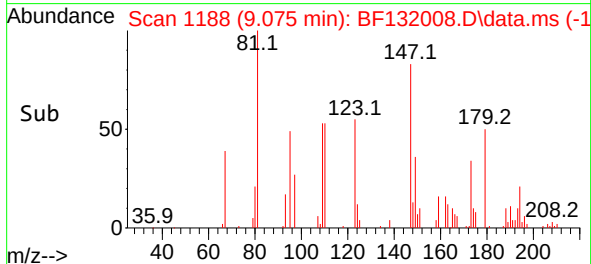
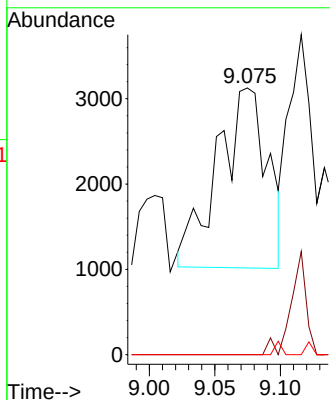
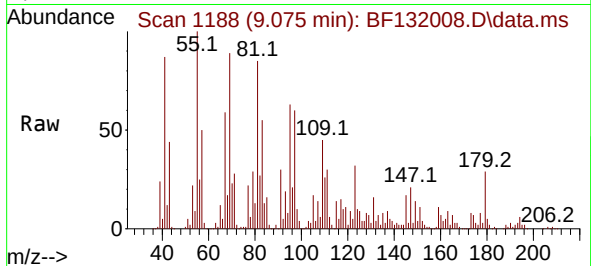




#43
2,4,6-Trichlorophenol
Concen: 3.425 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

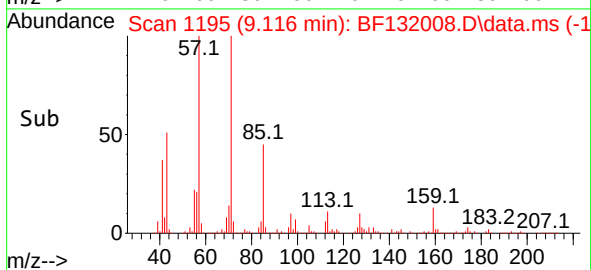
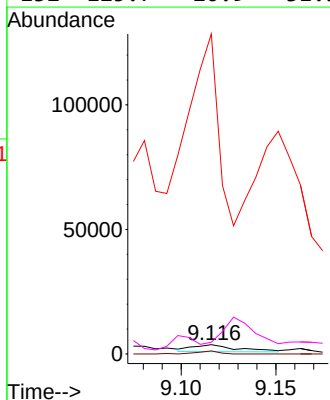
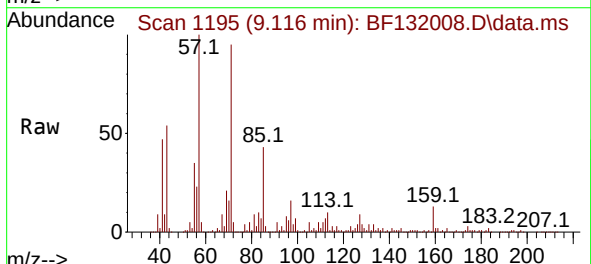
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

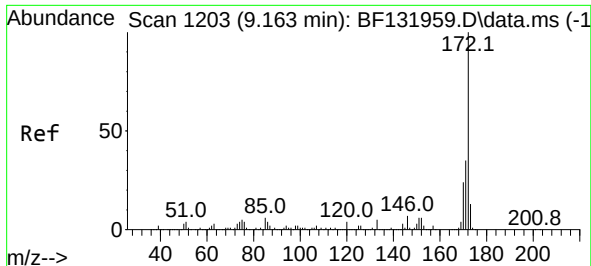
Tgt Ion:196 Resp: 5570
Ion Ratio Lower Upper
196 100
198 0.0 76.3 114.5#
200 0.0 25.8 38.6#



#44
2,4,5-Trichlorophenol
Concen: 2.467 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:196 Resp: 4672
Ion Ratio Lower Upper
196 100
198 32.2 75.3 112.9#
97 3425.0 45.6 68.4#
132 125.7 20.9 31.3#

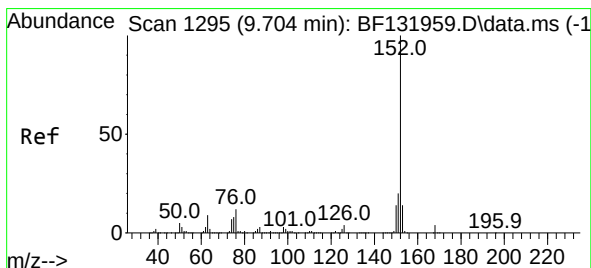
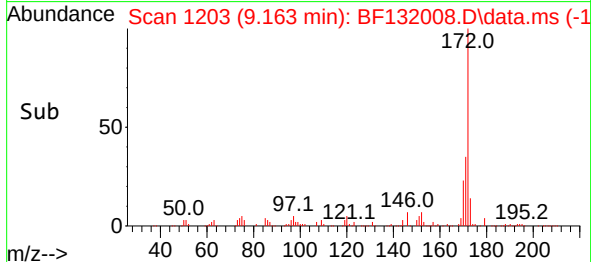
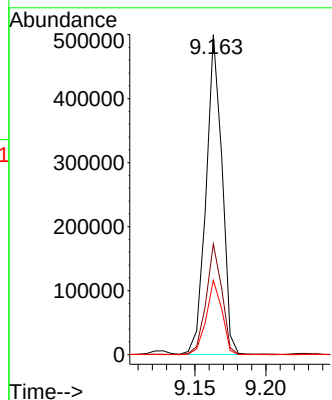
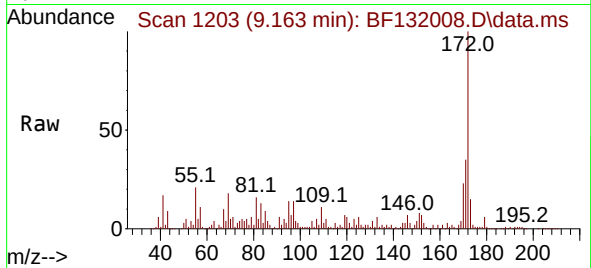




#45
2-Fluorobiphenyl
Concen: 68.598 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

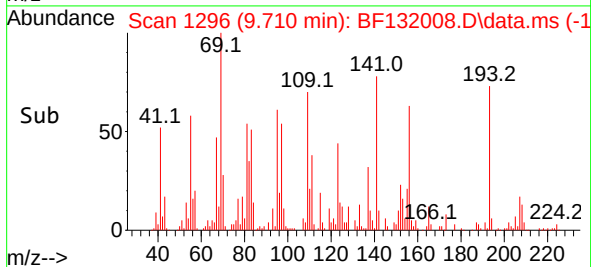
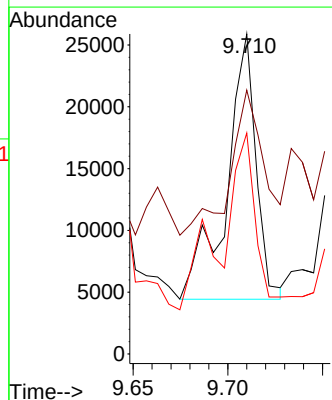
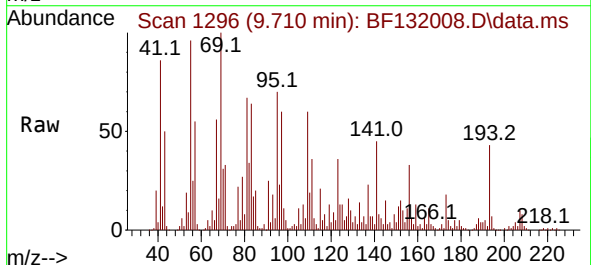
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

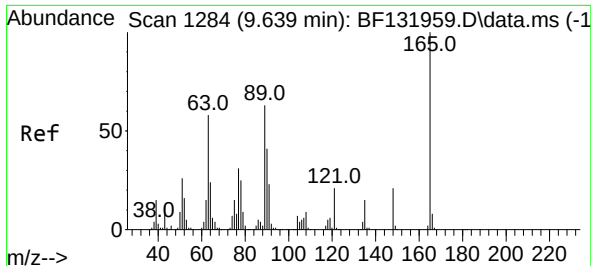
Tgt Ion:172 Resp: 389649
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.2 18.9 28.3



#49
Acenaphthylene
Concen: 3.264 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:152 Resp: 23264
Ion Ratio Lower Upper
152 100
151 82.5 16.2 24.2#
153 69.1 10.8 16.2#

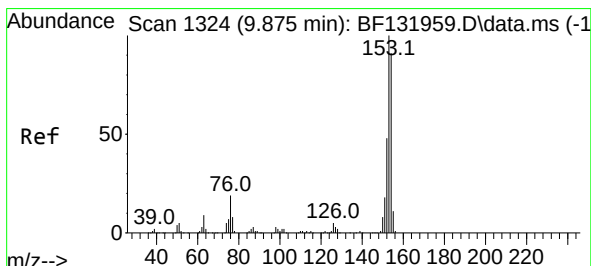
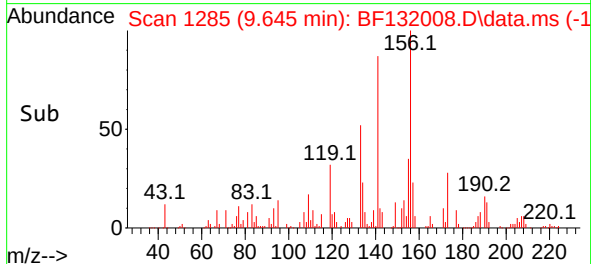
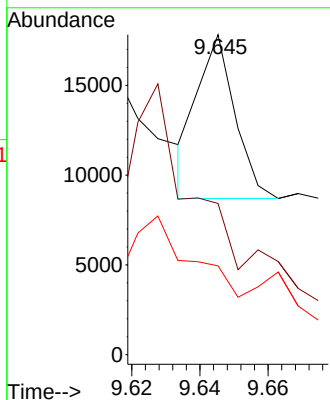
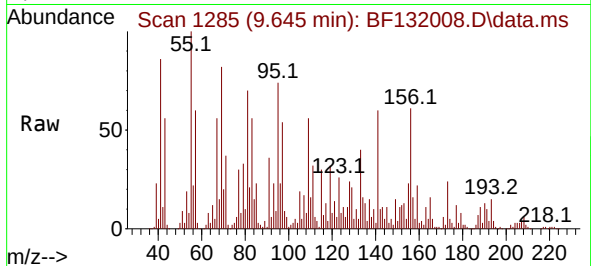




#51
2,6-Dinitrotoluene
Concen: 5.560 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

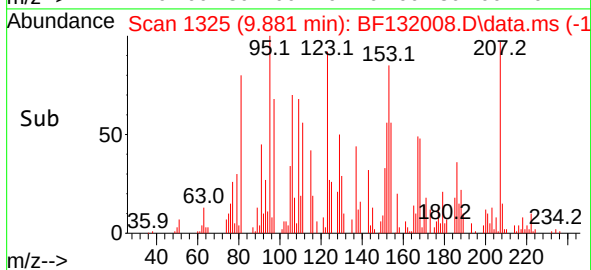
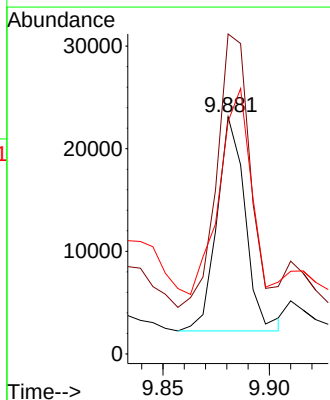
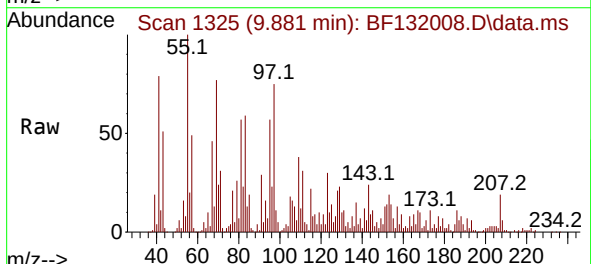
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

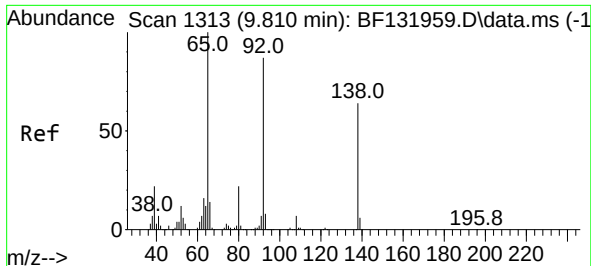
Tgt Ion:165 Resp: 6990
Ion Ratio Lower Upper
165 100
63 47.3 47.4 71.0#
89 27.7 50.2 75.2#



#52
Acenaphthene
Concen: 4.515 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:154 Resp: 19321
Ion Ratio Lower Upper
154 100
153 135.0 87.7 131.5#
152 98.0 42.2 63.2#

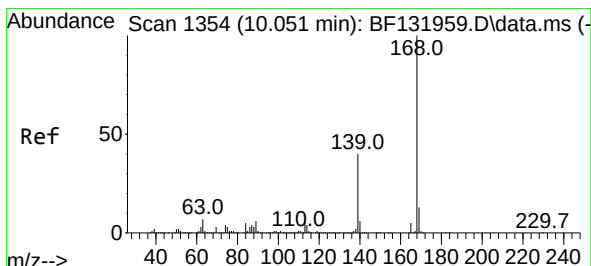
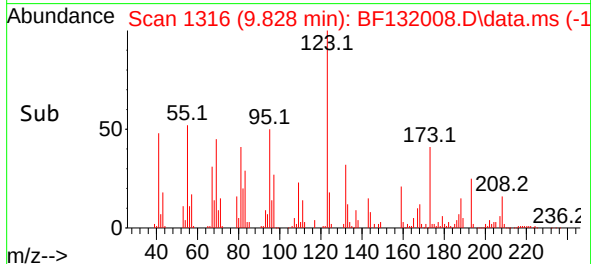
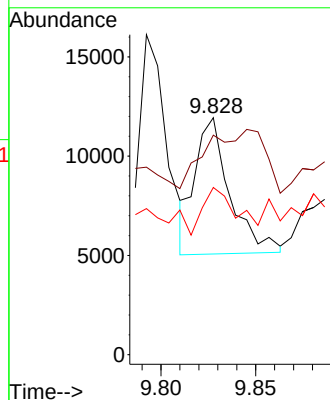
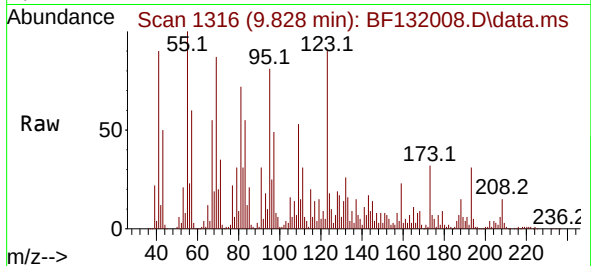




#53
3-Nitroaniline
Concen: 7.160 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

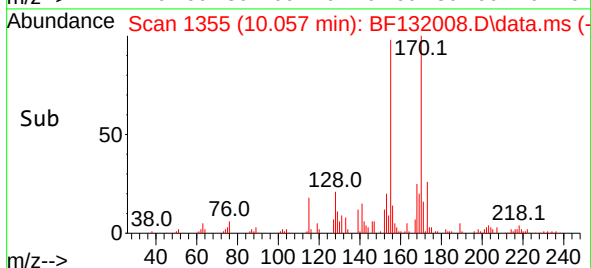
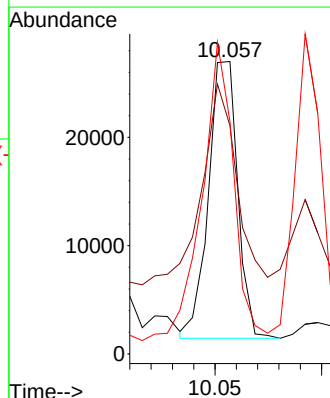
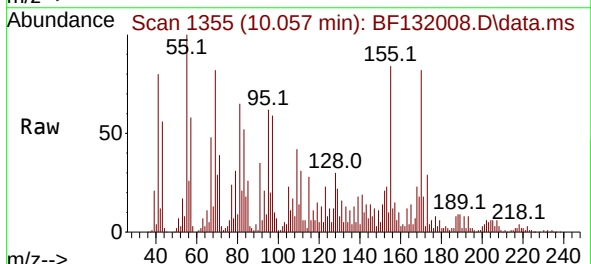
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

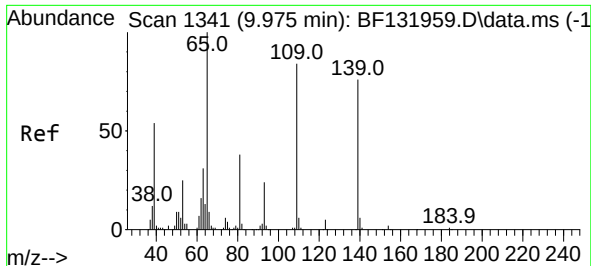
Tgt Ion:138 Resp: 8733
Ion Ratio Lower Upper
138 100
108 92.6 8.8 13.2#
92 70.5 108.1 162.1#



#55
Dibenzofuran
Concen: 3.618 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:168 Resp: 24401
Ion Ratio Lower Upper
168 100
139 78.0 32.4 48.6#
169 79.4 10.7 16.1#

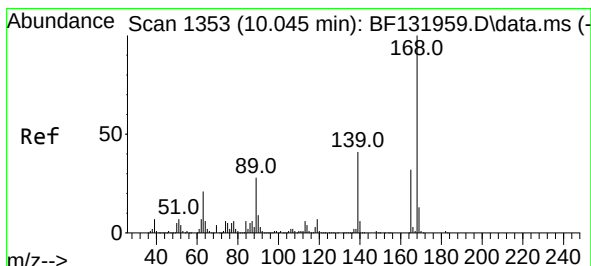
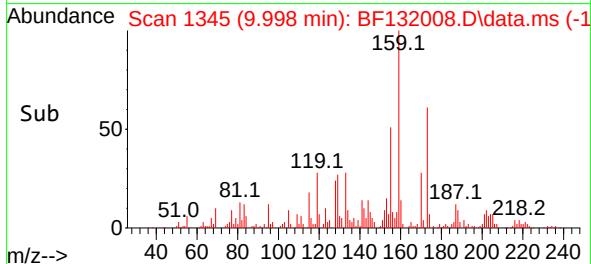
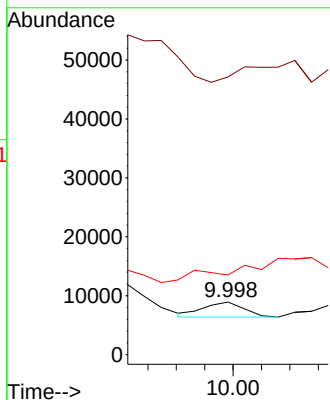
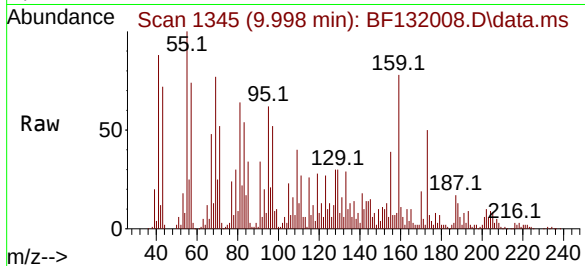




#56
4-Nitrophenol
Concen: 3.712 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

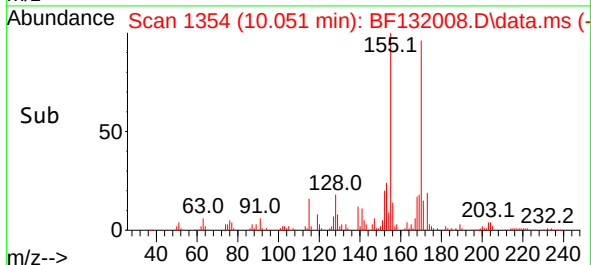
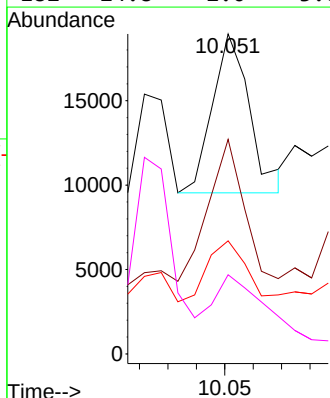
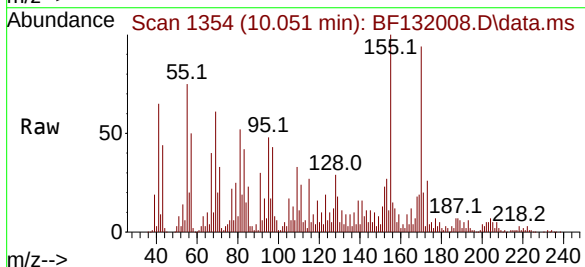
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

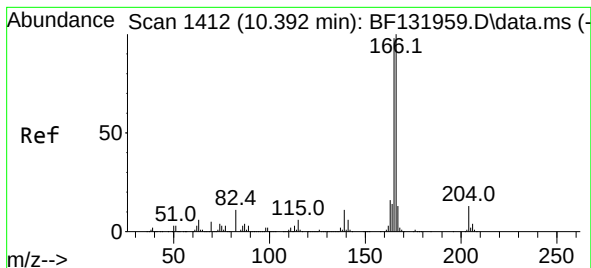
Tgt Ion:139 Resp: 2550
Ion Ratio Lower Upper
139 100
109 528.3 90.5 130.5#
65 151.7 112.6 152.6



#57
2,4-Dinitrotoluene
Concen: 5.082 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:165 Resp: 8541
Ion Ratio Lower Upper
165 100
63 67.0 53.2 79.8
89 35.4 71.2 106.8#
182 24.8 2.0 3.0#





#58

Fluorene

Concen: 7.560 ng

RT: 10.404 min Scan# 1414

Delta R.T. 0.012 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

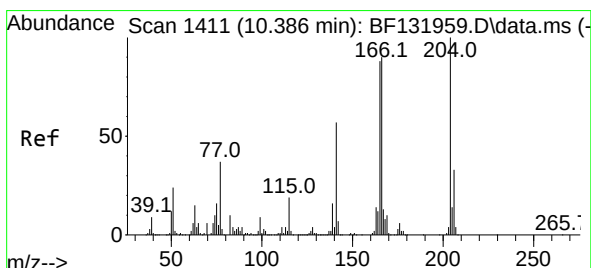
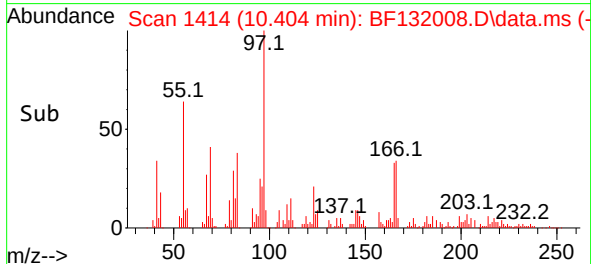
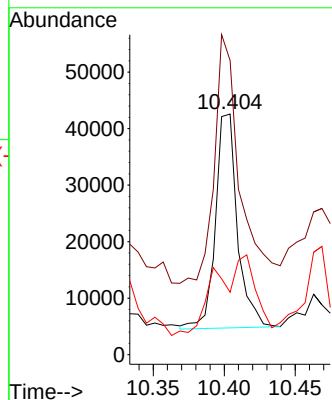
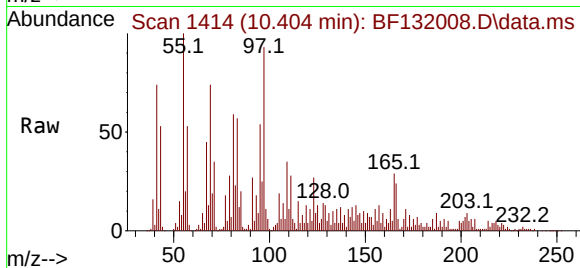
Tgt Ion:166 Resp: 40735

Ion Ratio Lower Upper

166 100

165 122.2 78.3 117.5#

167 25.9 10.7 16.1#



#61

4-Chlorophenyl-phenylether

Concen: 2.986 ng

RT: 10.410 min Scan# 1415

Delta R.T. 0.023 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

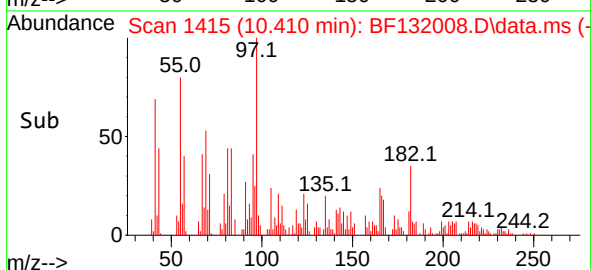
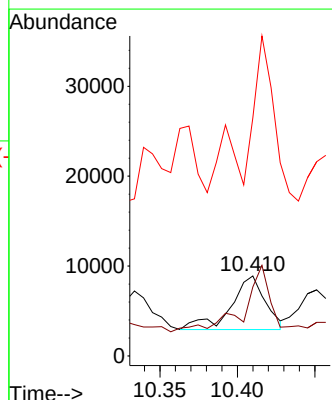
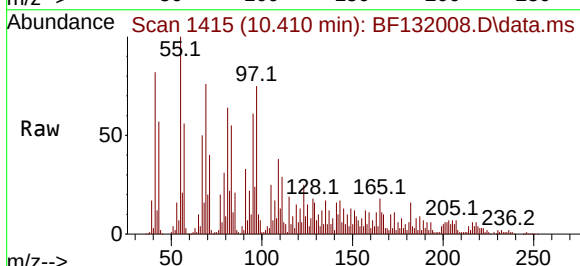
Tgt Ion:204 Resp: 9210

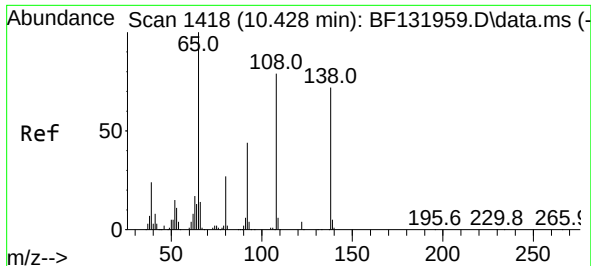
Ion Ratio Lower Upper

204 100

206 86.2 26.3 39.5#

141 297.7 45.6 68.4#

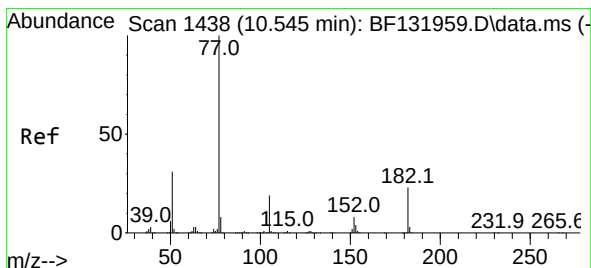
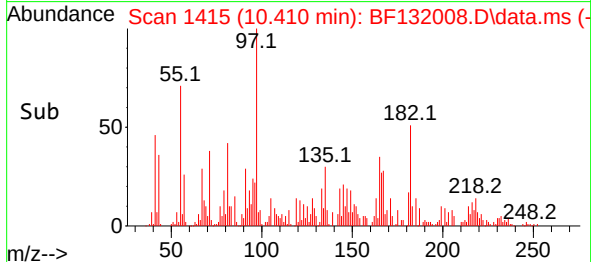
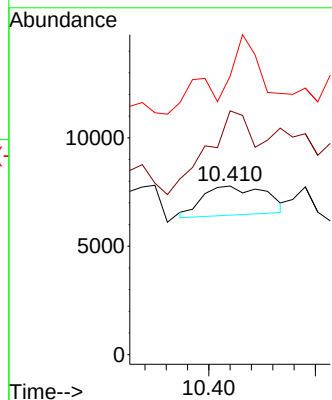
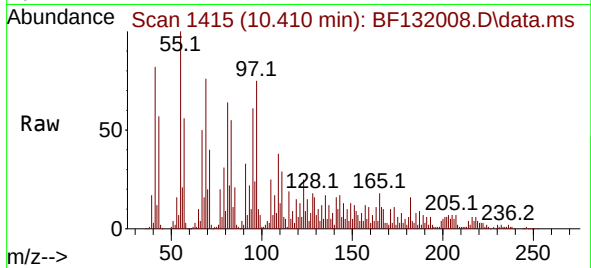




#62
4-Nitroaniline
Concen: 2.504 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

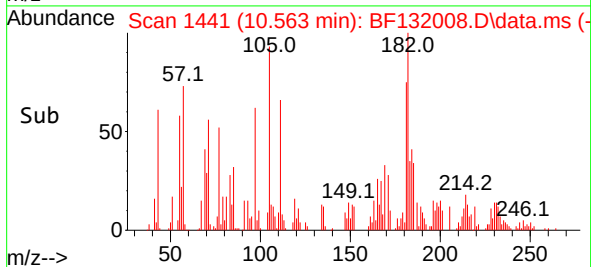
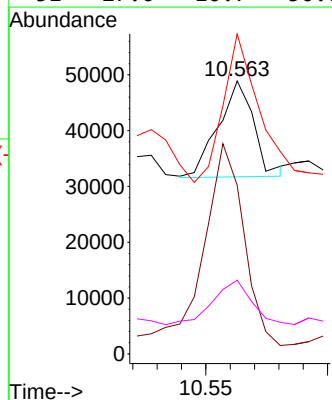
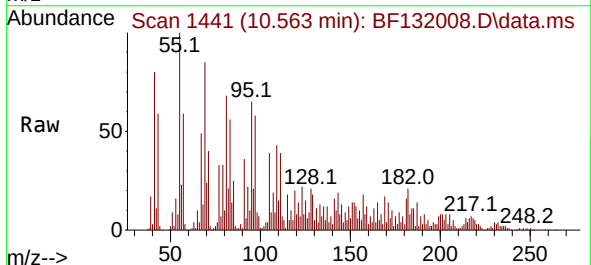
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

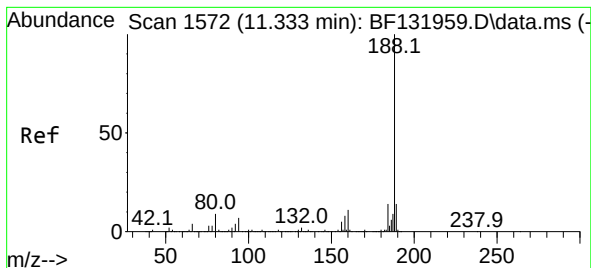
Tgt Ion:138 Resp: 2746
Ion Ratio Lower Upper
138 100
92 144.6 41.3 81.3#
108 165.2 89.8 129.8#



#63
Azobenzene
Concen: 2.786 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.018 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion: 77 Resp: 17371
Ion Ratio Lower Upper
77 100
182 61.8 2.9 42.9#
105 117.2 0.0 39.3#
51 27.0 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

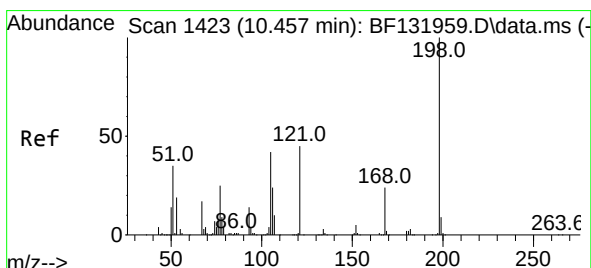
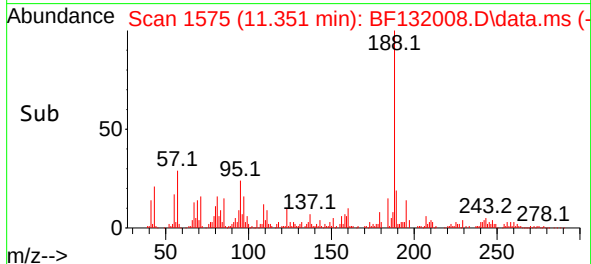
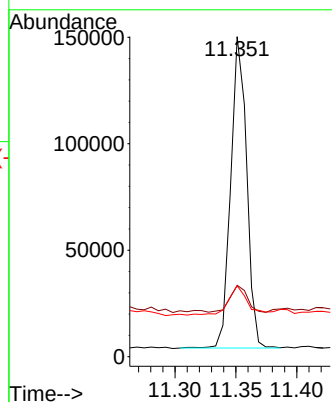
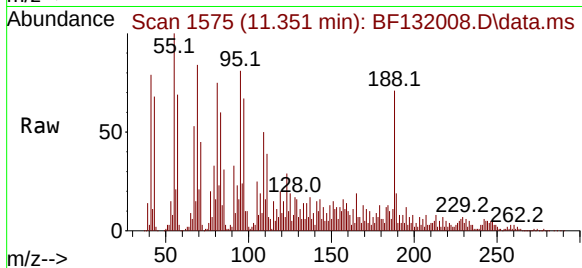
Tgt Ion:188 Resp: 133552

Ion Ratio Lower Upper

188 100

94 22.3 5.8 8.6#

80 22.2 7.4 11.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.544 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.006 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

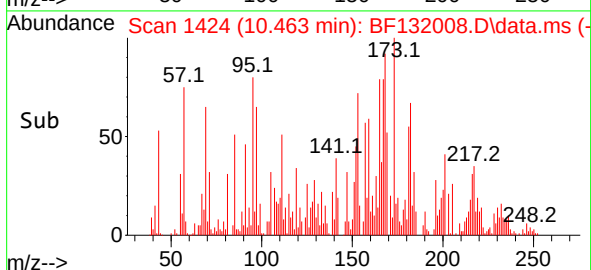
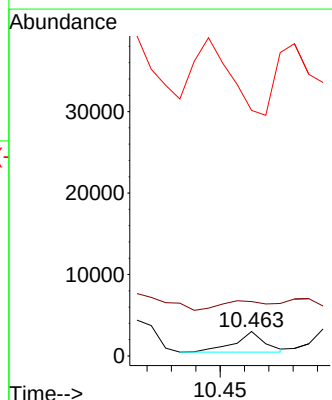
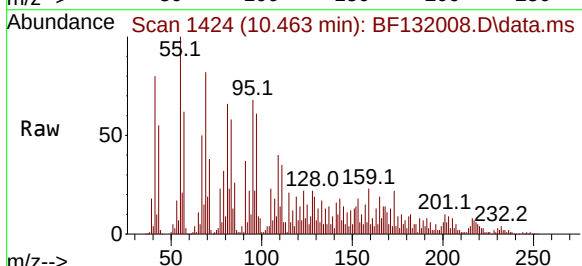
Tgt Ion:198 Resp: 2191

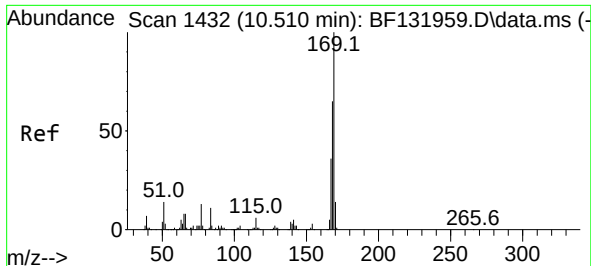
Ion Ratio Lower Upper

198 100

51 222.4 21.4 61.4#

105 1003.5 23.0 63.0#

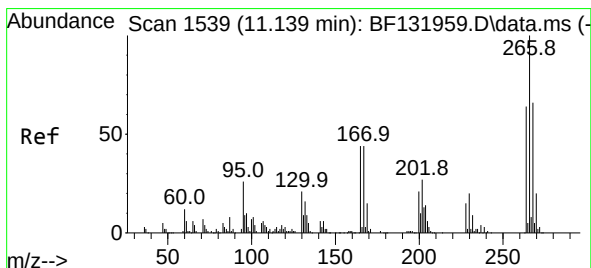
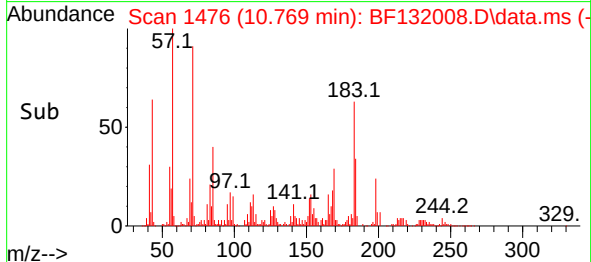
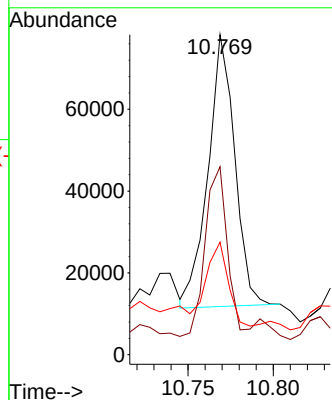
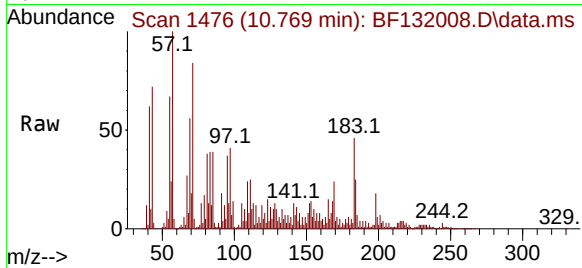




#66
n-Nitrosodiphenylamine
Concen: 17.294 ng
RT: 10.769 min Scan# 1432
Delta R.T. 0.259 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

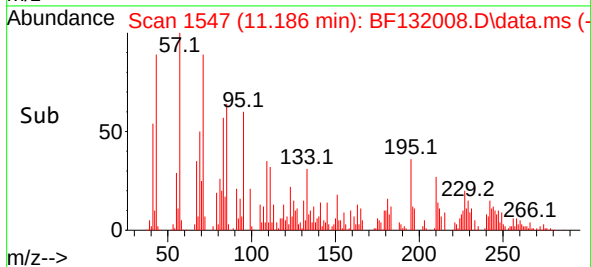
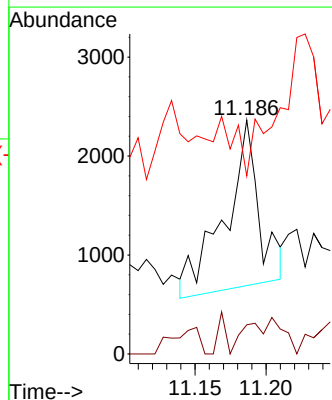
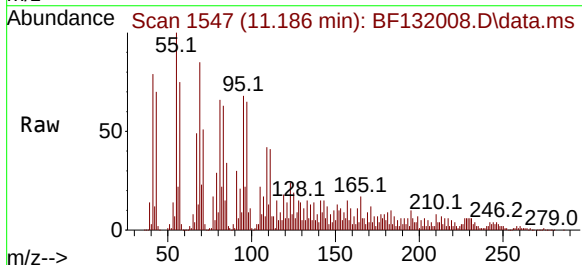
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

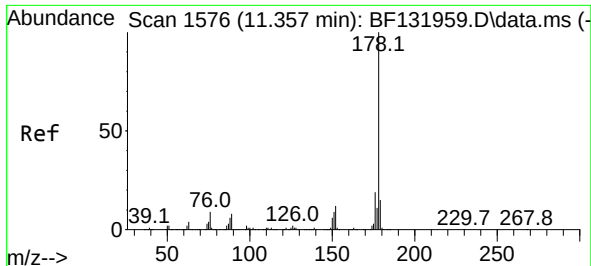
Tgt Ion:	169	Resp:	72462
Ion Ratio	Lower	Upper	
169	100		
168	58.8	52.5	78.7
167	35.1	28.6	43.0



#70
Pentachlorophenol
Concen: 7.312 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.047 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:	266	Resp:	2816
Ion Ratio	Lower	Upper	
266	100		
268	12.4	52.7	79.1#
264	76.1	51.6	77.4

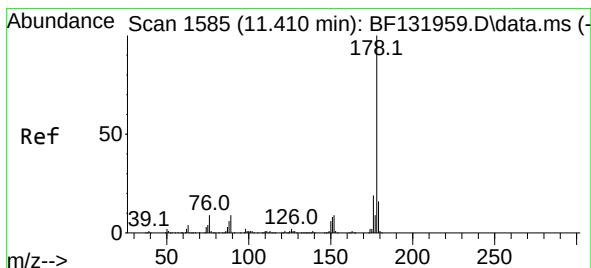
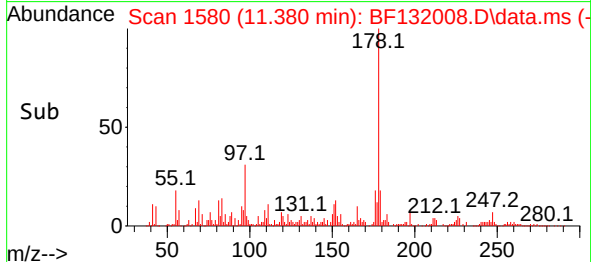
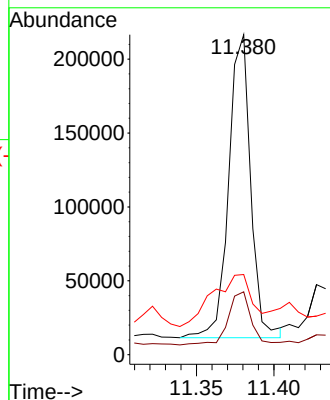
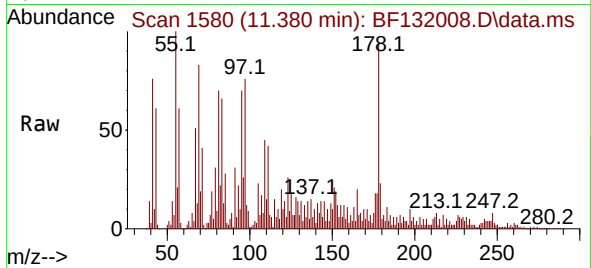




#71
Phenanthrene
Concen: 29.076 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.023 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

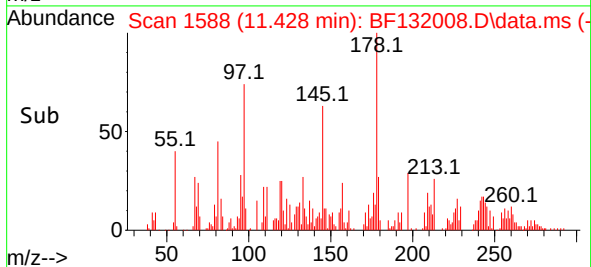
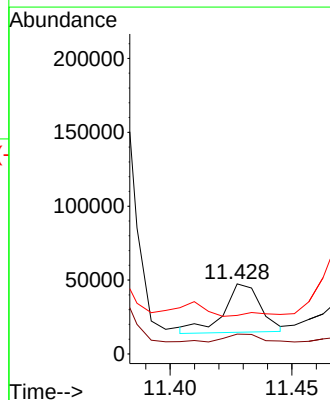
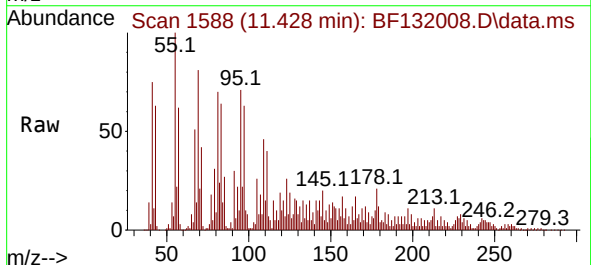
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

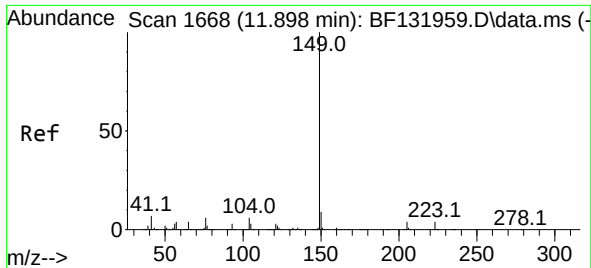
Tgt Ion:178 Resp: 202432
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 25.0 12.4 18.6#



#72
Anthracene
Concen: 4.857 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.018 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:178 Resp: 34814
Ion Ratio Lower Upper
178 100
176 28.3 15.3 22.9#
179 55.1 12.6 19.0#

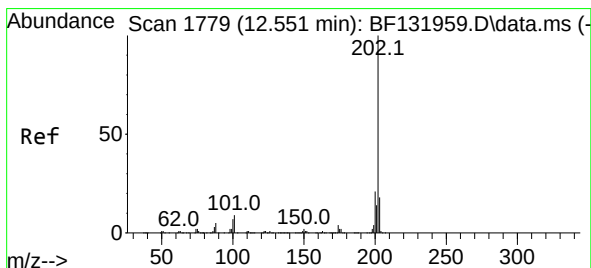
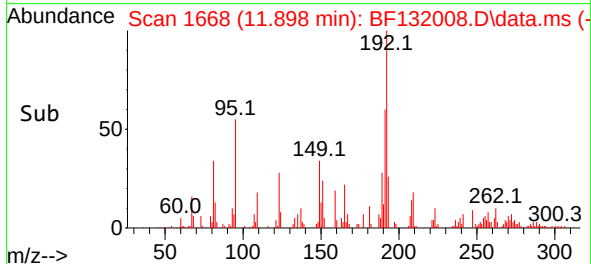
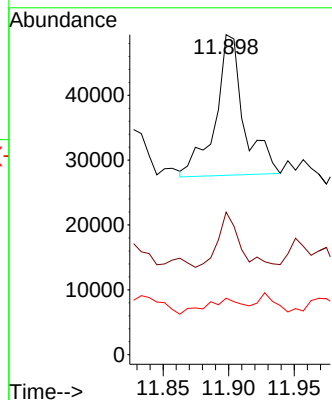
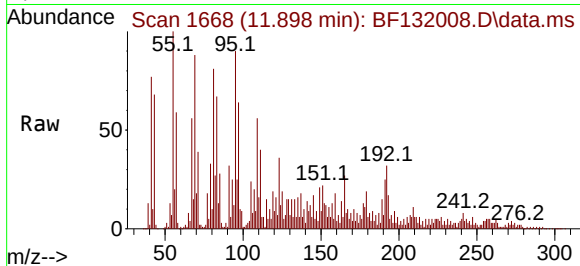




#74
Di-n-butylphthalate
Concen: 3.951 ng
RT: 11.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

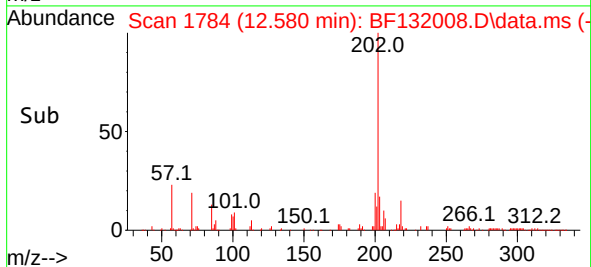
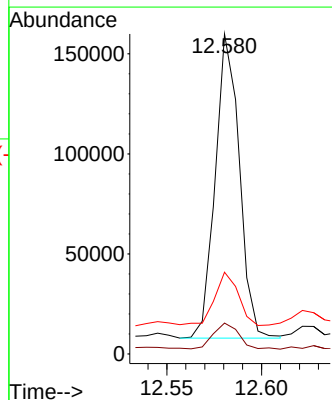
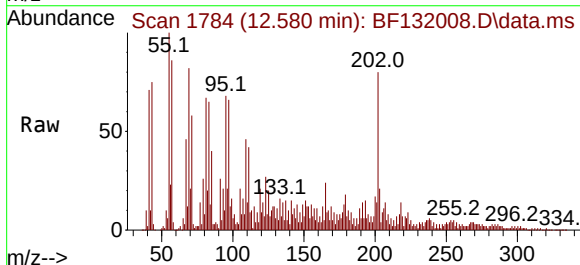
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

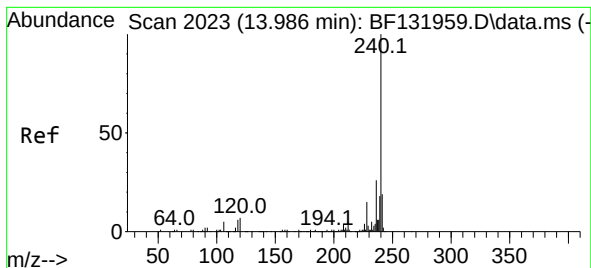
Tgt Ion:149 Resp: 32640
Ion Ratio Lower Upper
149 100
150 44.6 7.3 10.9#
104 17.7 5.0 7.6#



#75
Fluoranthene
Concen: 17.231 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.029 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:202 Resp: 134915
Ion Ratio Lower Upper
202 100
101 9.7 0.0 28.8
203 25.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

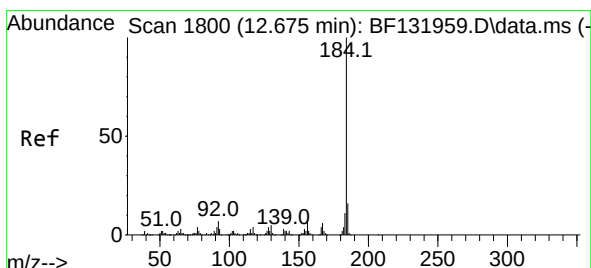
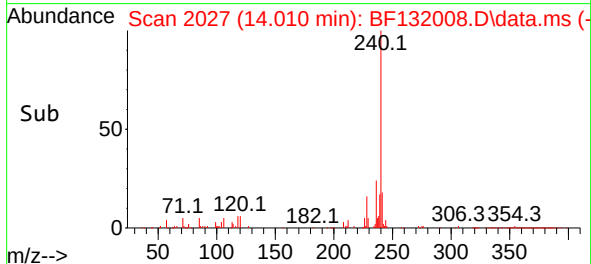
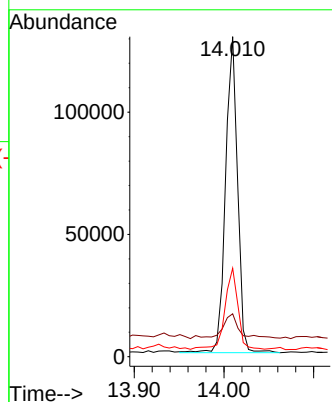
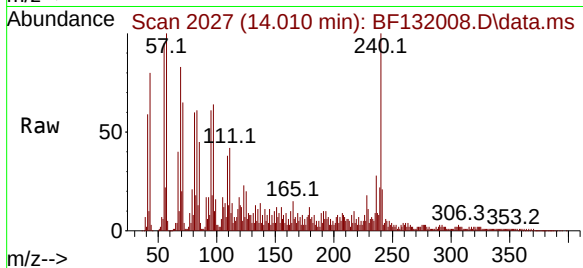
Tgt Ion:240 Resp: 120128

Ion Ratio Lower Upper

240 100

120 13.4 5.4 8.0#

236 27.6 21.1 31.7



#77

Benzidine

Concen: 2.054 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

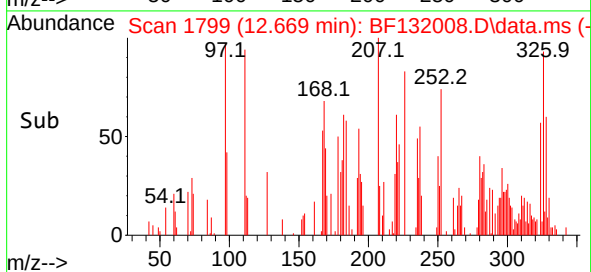
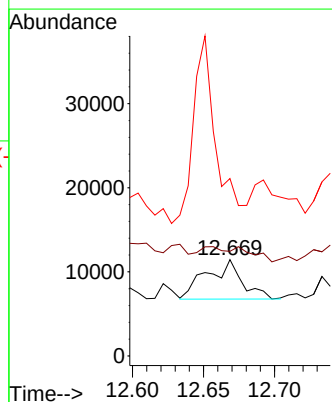
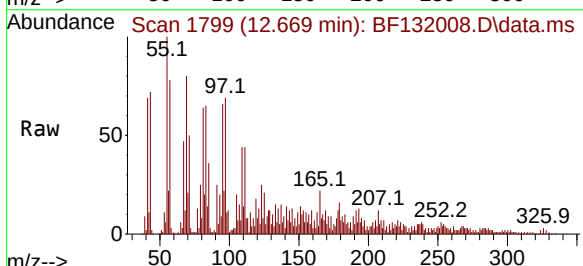
Tgt Ion:184 Resp: 8197

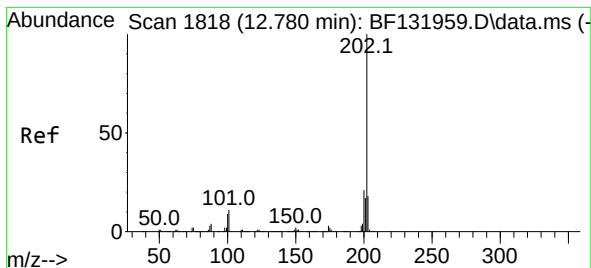
Ion Ratio Lower Upper

184 100

185 108.8 12.8 19.2#

183 184.4 9.0 13.4#





#78

Pyrene

Concen: 20.587 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.035 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

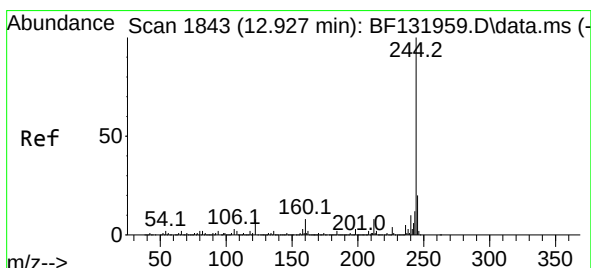
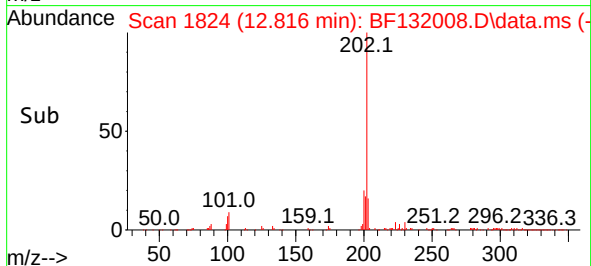
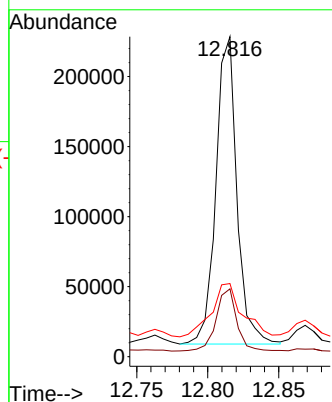
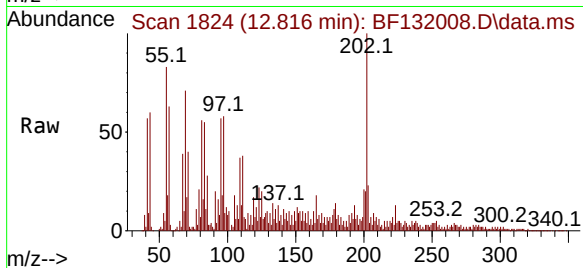
Tgt Ion:202 Resp: 225560

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 22.8 14.1 21.1#



#79

Terphenyl-d14

Concen: 54.062 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.023 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

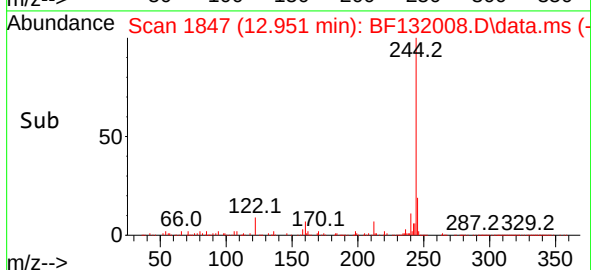
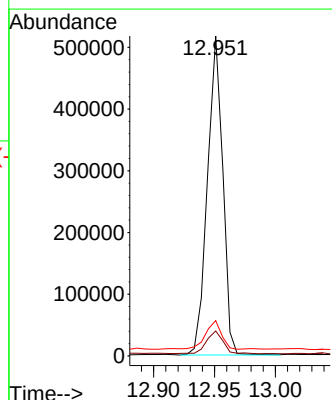
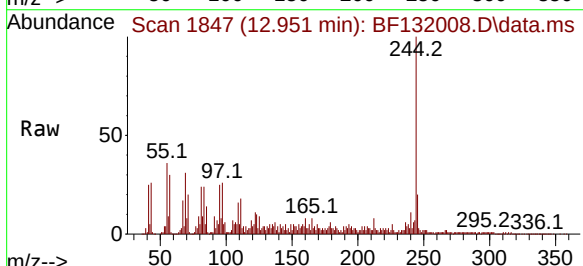
Tgt Ion:244 Resp: 453113

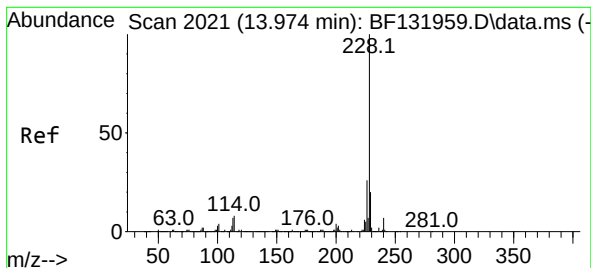
Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 11.1 6.8 10.2#





#81

Benzo(a)anthracene

Concen: 11.839 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.023 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

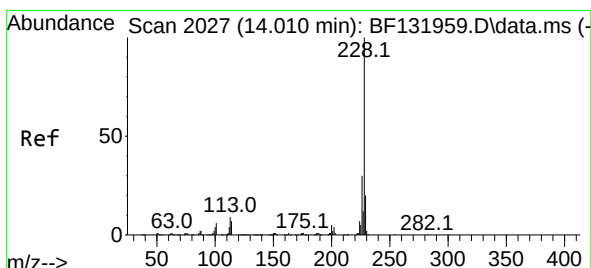
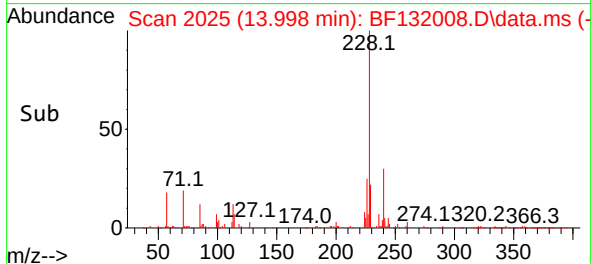
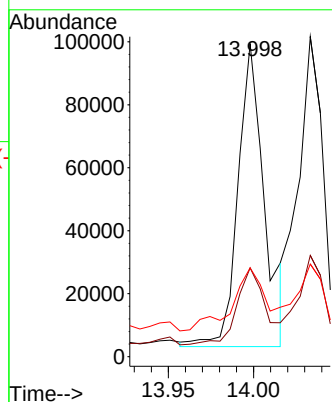
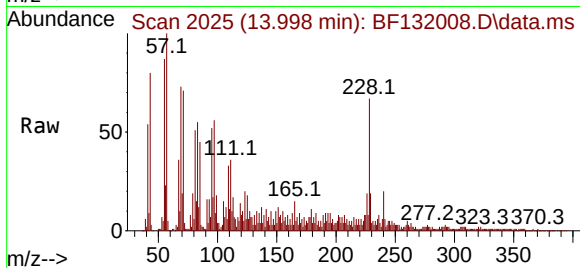
Tgt Ion:228 Resp: 103472

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.4

229 28.3 15.8 23.6#



#83

Chrysene

Concen: 12.629 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.023 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

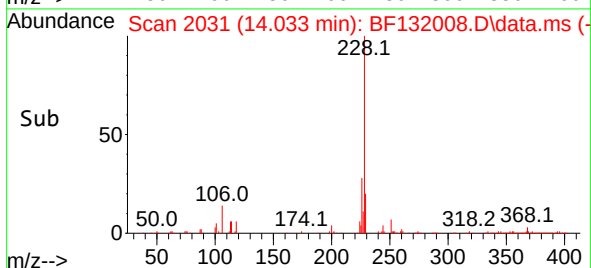
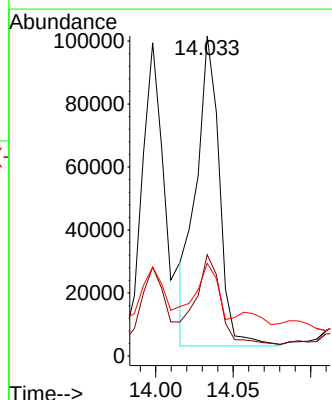
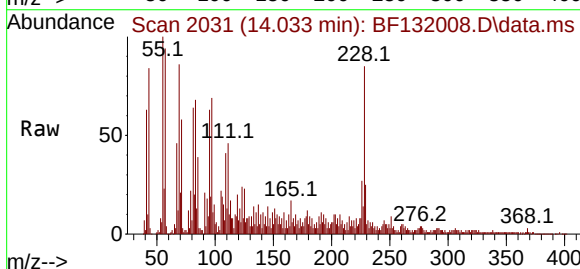
Tgt Ion:228 Resp: 103154

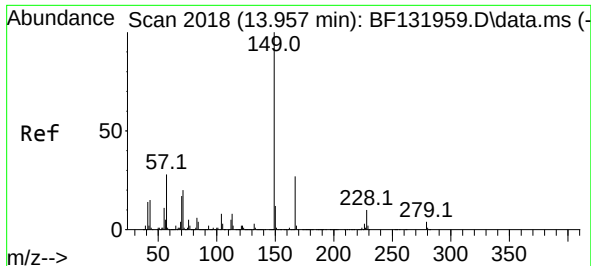
Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

229 29.0 16.2 24.4#

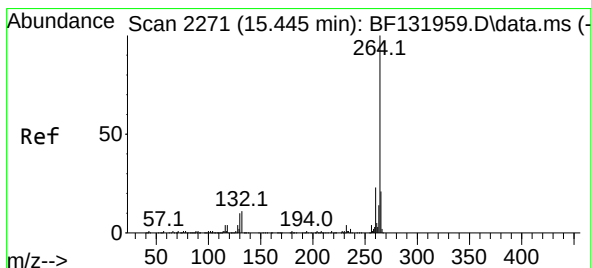
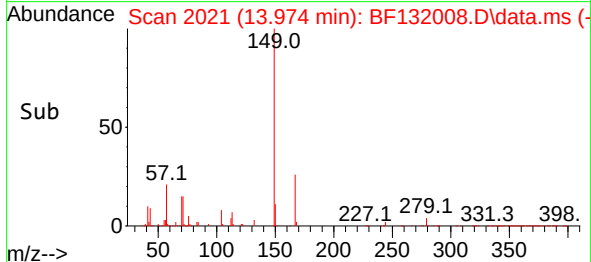
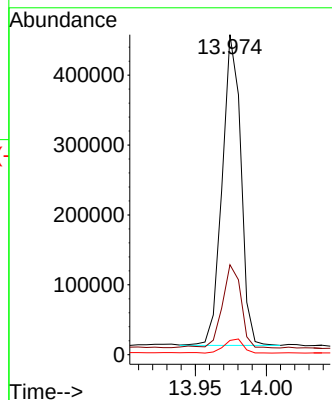
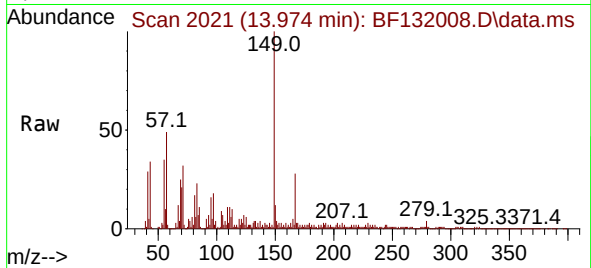




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.561 ng
 RT: 13.974 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF132008.D
 Acq: 10 Jan 2023 21:33

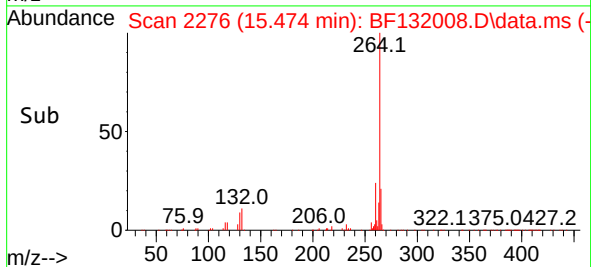
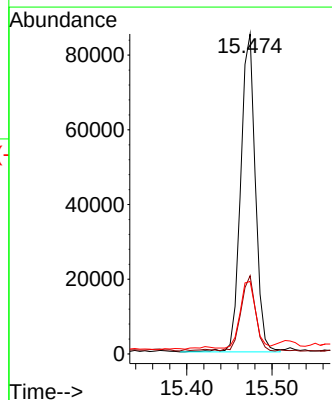
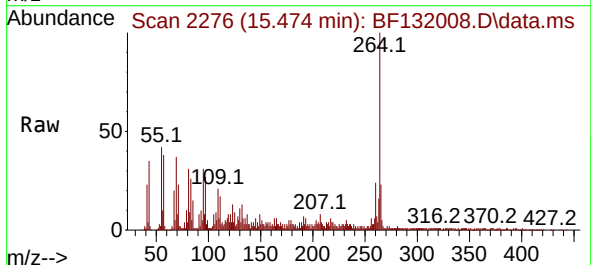
Instrument :
 BNA_F
 ClientSampleId :
 B-1-(10-12)

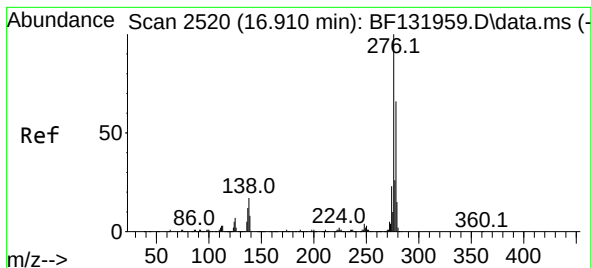
Tgt Ion:149 Resp: 404788
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.3 31.9
 279 4.5 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.029 min
 Lab File: BF132008.D
 Acq: 10 Jan 2023 21:33

Tgt Ion:264 Resp: 101951
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.3 27.5
 265 22.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.684 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)

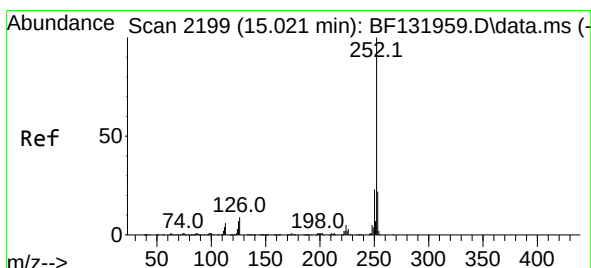
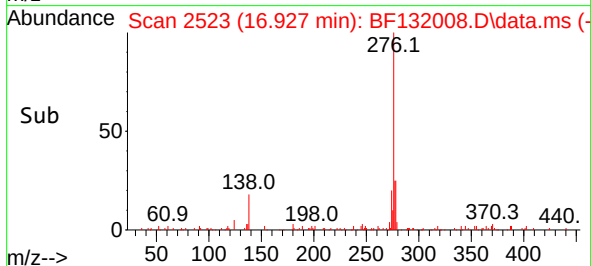
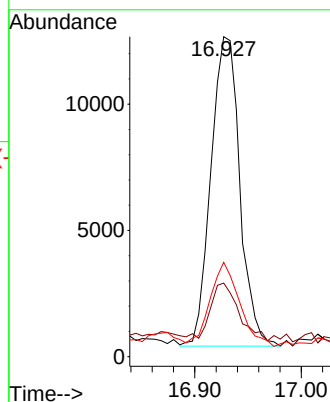
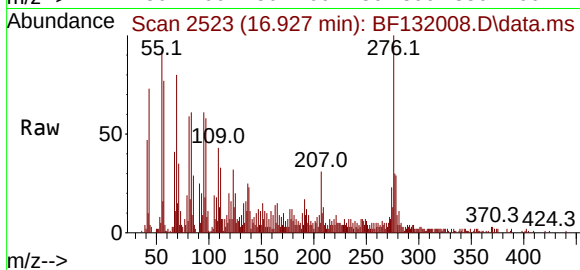
Tgt Ion:276 Resp: 23035

Ion Ratio Lower Upper

276 100

138 18.7 14.2 21.2

277 27.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 12.558 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.023 min

Lab File: BF132008.D

Acq: 10 Jan 2023 21:33

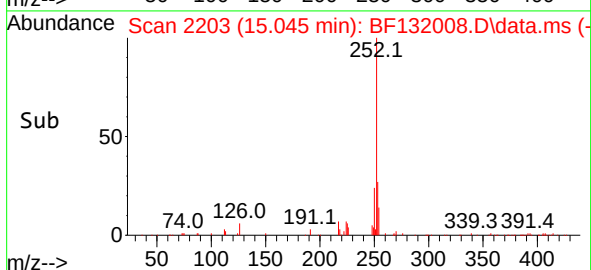
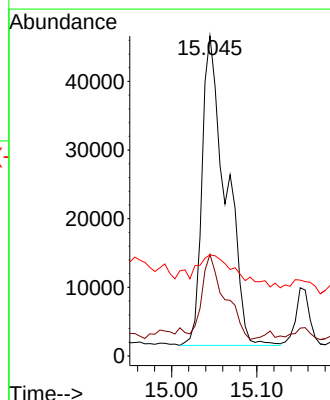
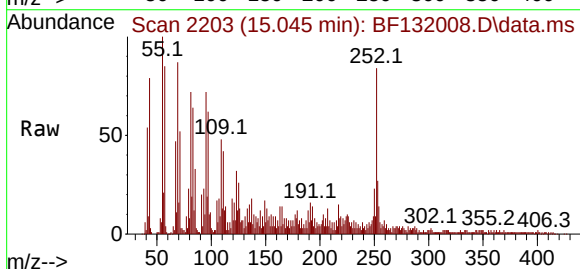
Tgt Ion:252 Resp: 87815

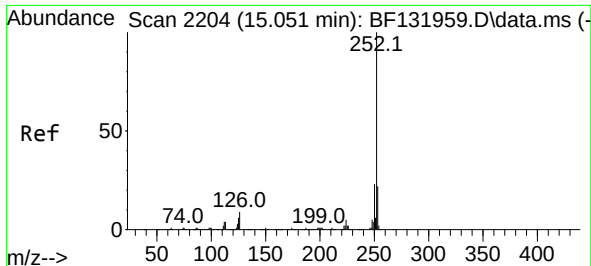
Ion Ratio Lower Upper

252 100

253 31.8 18.0 27.0#

125 31.6 5.8 8.6#

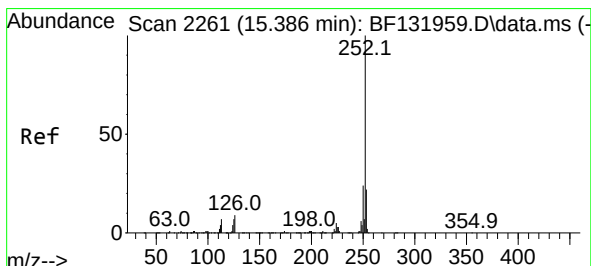
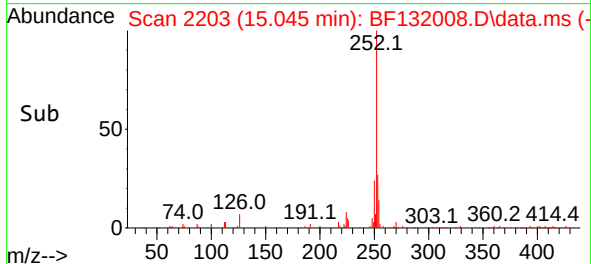
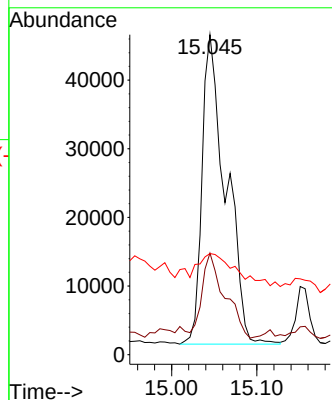
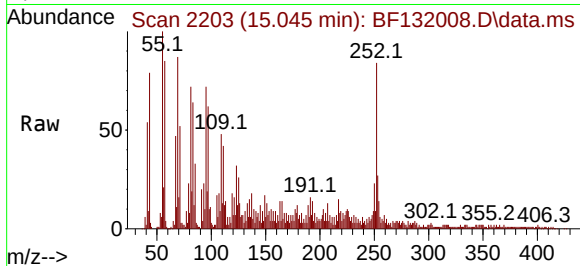




#89
Benzo(k)fluoranthene
Concen: 12.583 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

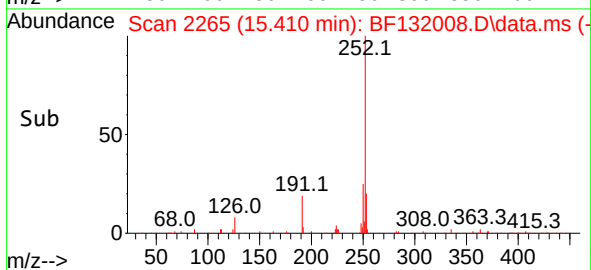
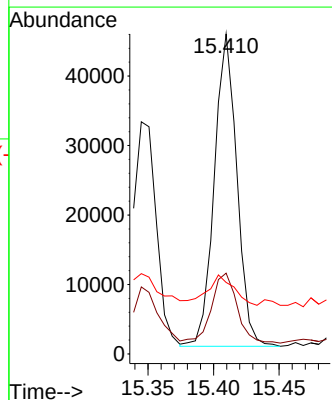
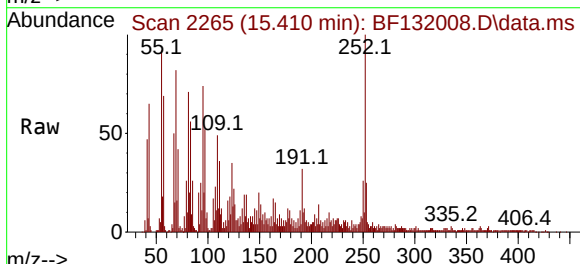
Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

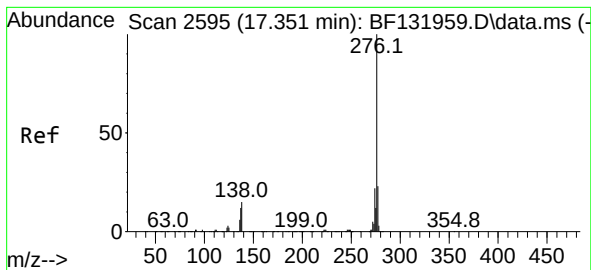
Tgt Ion:252 Resp: 87815
Ion Ratio Lower Upper
252 100
253 31.8 17.8 26.6#
125 31.6 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 8.534 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.023 min
Lab File: BF132008.D
Acq: 10 Jan 2023 21:33

Tgt Ion:252 Resp: 53765
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.0
125 22.3 5.7 8.5#





#92

Benzo(g,h,i)perylene

Concen: 7.472 ng

RT: 17.368 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF132008.D

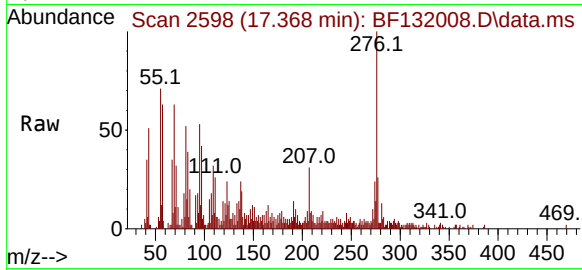
Acq: 10 Jan 2023 21:33

Instrument :

BNA_F

ClientSampleId :

B-1-(10-12)



Tgt Ion:276 Resp: 23910

Ion Ratio Lower Upper

276 100

277 26.5 18.2 27.2

138 19.0 11.7 17.5#

