

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122460.D
 Acq On : 23 Nov 2020 22:01
 Operator : JU/CG
 Sample : L4778-07RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 358

Quant Time: Nov 24 00:28:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

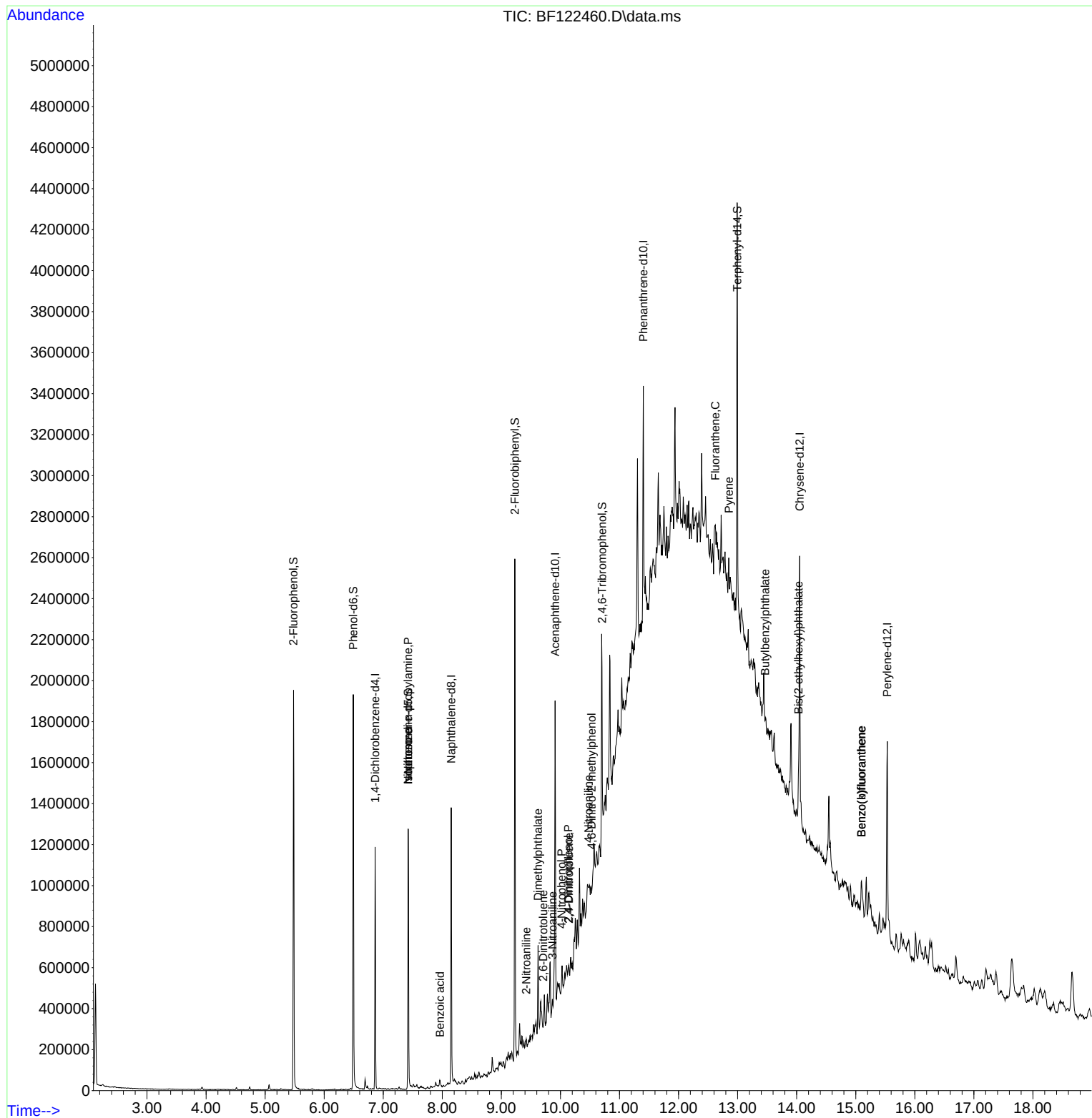
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	162330	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	584049	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	263354	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	409862	20.00	ng	0.00
76) Chrysene-d12	14.051	240	441068	20.00	ng	0.00
86) Perylene-d12	15.533	264	464182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	526403	49.79	ng	-0.01
7) Phenol-d6	6.492	99	631826	45.69	ng	-0.02
23) Nitrobenzene-d5	7.422	82	399984	41.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	139279	49.28	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	700704	41.57	ng	0.00
79) Terphenyl-d14	12.992	244	624269	29.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	674	Below Cal	#	89
19) n-Nitroso-di-n-propyla...	7.422	70	52286	6.33	ng	# 81
25) Isophorone	7.422	82	399980	18.81	ng	# 67
32) Benzoic acid	7.963	122	109	7.98	ng	# 58
48) 2-Nitroaniline	9.422	65	1195	5.38	ng	# 91
50) Dimethylphthalate	9.622	163	95320	5.09	ng	# 97
51) 2,6-Dinitrotoluene	9.710	165	1756	4.20	ng	# 37
53) 3-Nitroaniline	9.869	138	2422	4.03	ng	# 20
54) 2,4-Dinitrophenol	10.133	184	138	6.47	ng	# 1
56) 4-Nitrophenol	10.022	139	79	5.42	ng	# 1
57) 2,4-Dinitrotoluene	10.145	165	2065	5.07	ng	# 40
62) 4-Nitroaniline	10.474	138	941	3.57	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.527	198	845	6.75	ng	# 1
75) Fluoranthene	12.621	202	69227	2.85	ng	# 90
78) Pyrene	12.851	202	66326	2.14	ng	# 92
80) Butylbenzylphthalate	13.468	149	2793	3.50	ng	# 57
84) Bis(2-ethylhexyl)phtha...	14.033	149	68169	4.56	ng	# 95
88) Benzo(b)fluoranthene	15.098	252	100463	3.34	ng	# 82
89) Benzo(k)fluoranthene	15.098	252	100463	3.43	ng	# 81

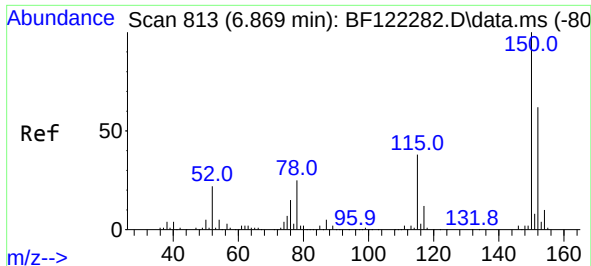
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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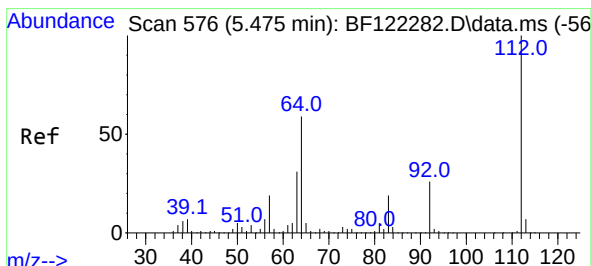
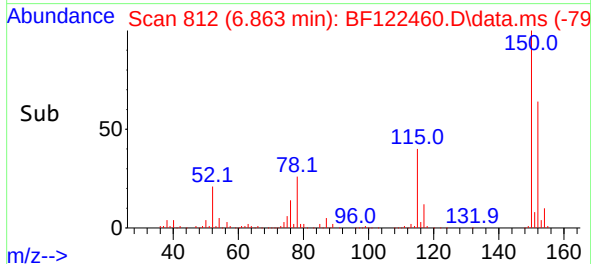
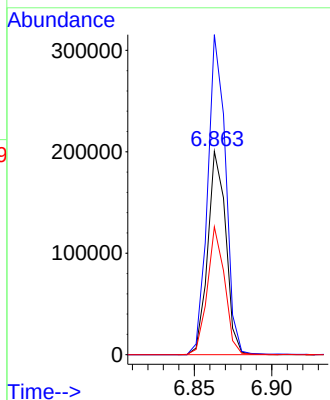
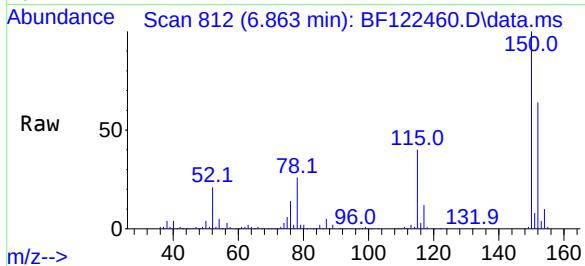




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

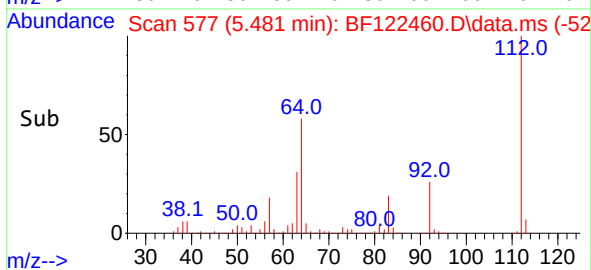
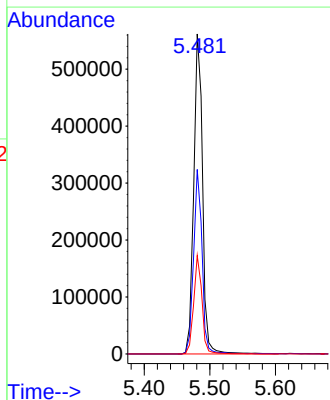
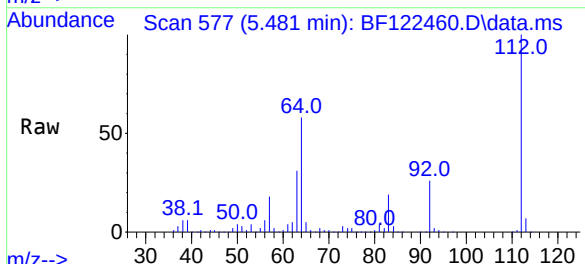
Instrument :
BNA_F
ClientSampleId :
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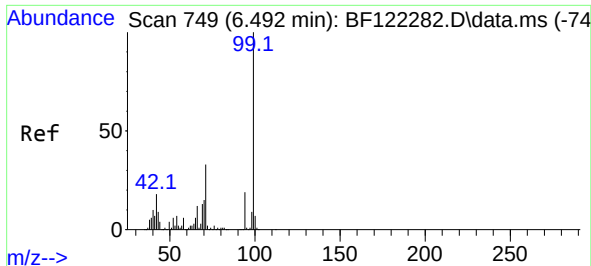
Tgt Ion:152 Resp: 162330
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 49.79 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:112 Resp: 526403
Ion Ratio Lower Upper
112 100
64 57.7 50.4 75.6
63 30.8 25.8 38.6

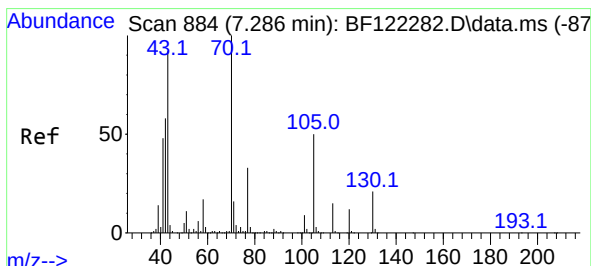
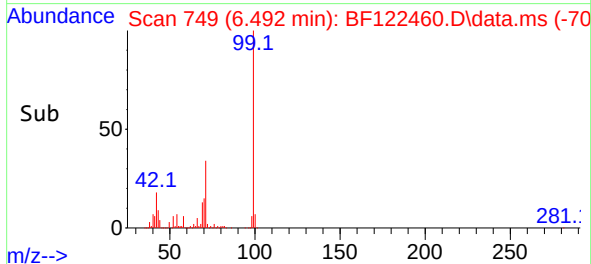
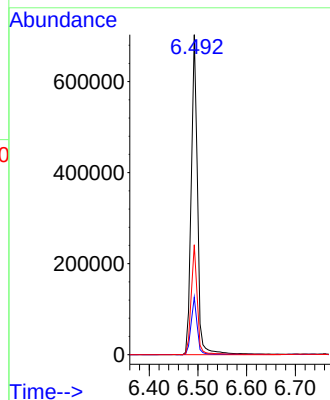
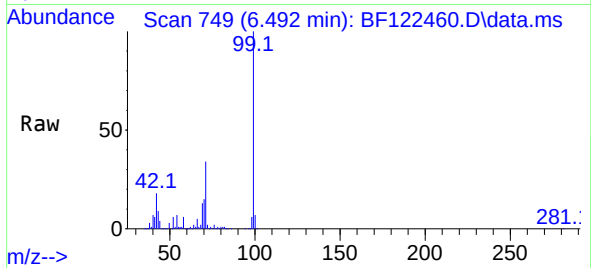




#7
Phenol-d6
Concen: 45.69 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

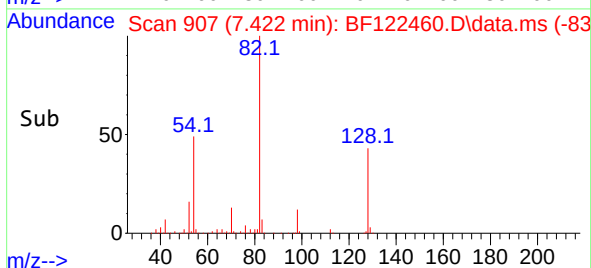
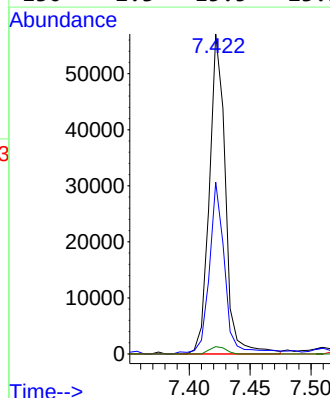
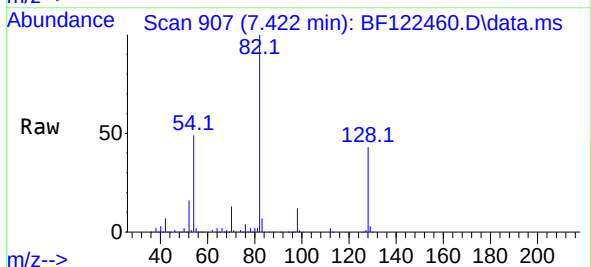
Instrument :
BNA_F
ClientSampled :
358

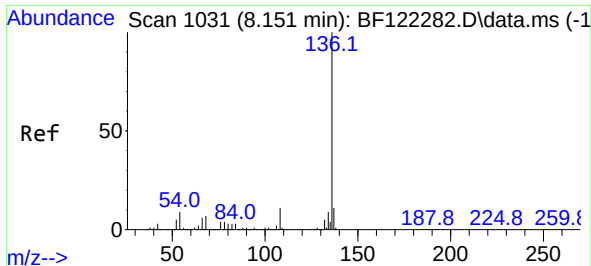
Tgt Ion: 99 Resp: 631826
Ion Ratio Lower Upper
99 100
42 17.9 15.9 23.9
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.33 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion: 70 Resp: 52286
Ion Ratio Lower Upper
70 100
42 53.7 50.2 75.4
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



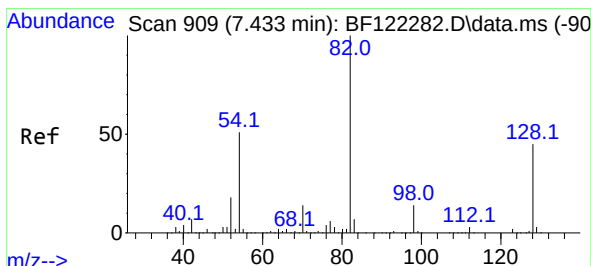
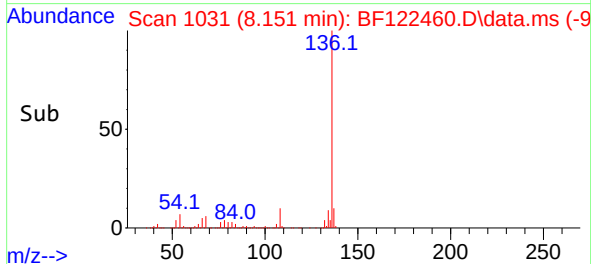
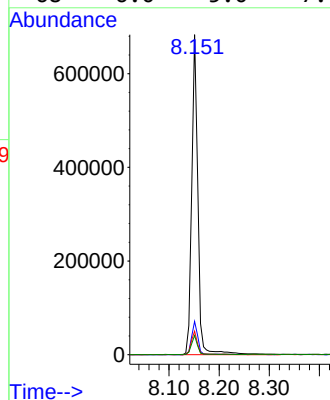
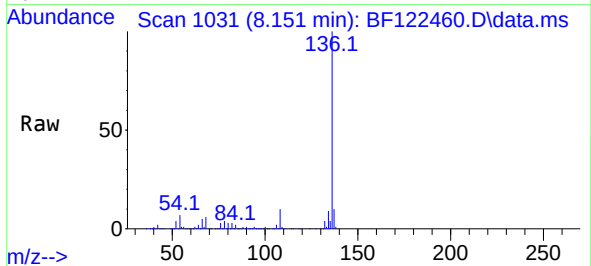


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Instrument :
BNA_F
ClientSampled :
358

Tgt Ion:136 Resp: 584049

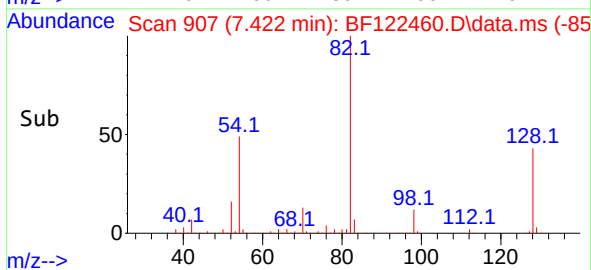
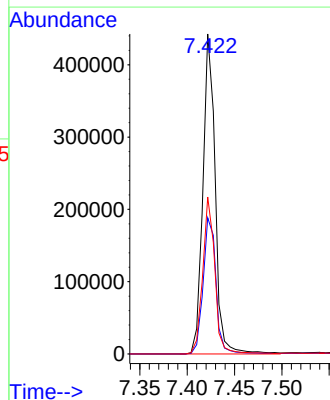
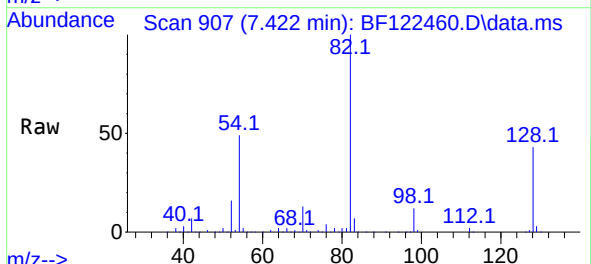
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.4	7.1	10.7
68	6.0	5.0	7.4

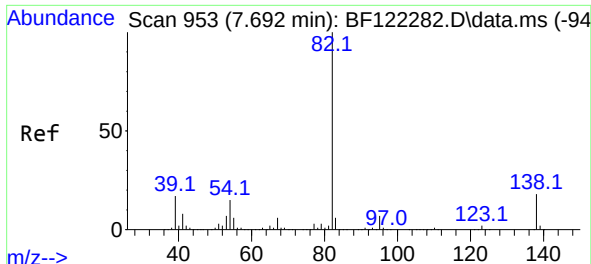


#23
Nitrobenzene-d5
Concen: 41.93 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion: 82 Resp: 399984

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.4
54	49.0	43.9	65.9

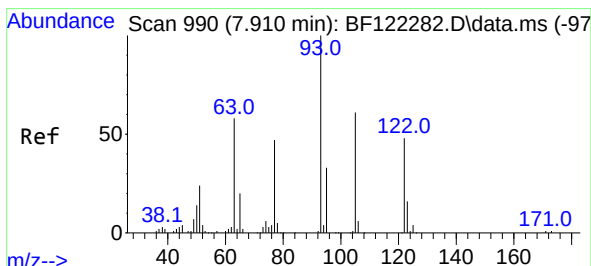
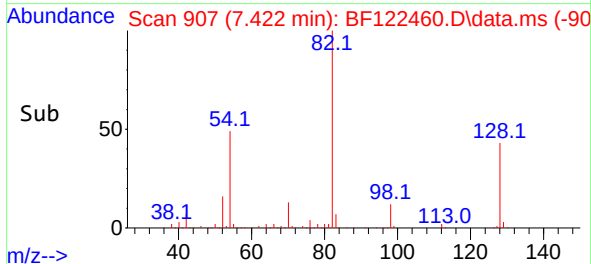
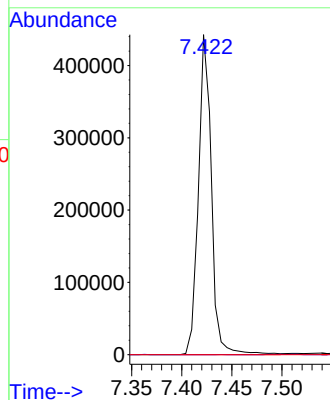
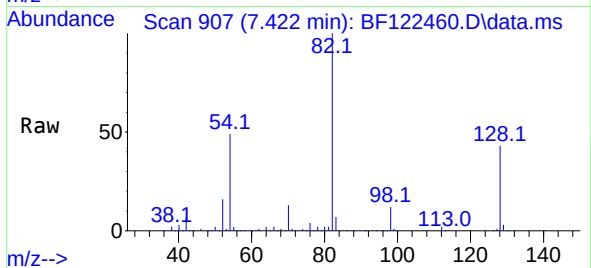




#25
Isophorone
Concen: 18.81 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

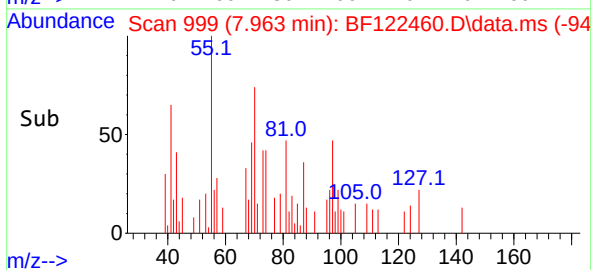
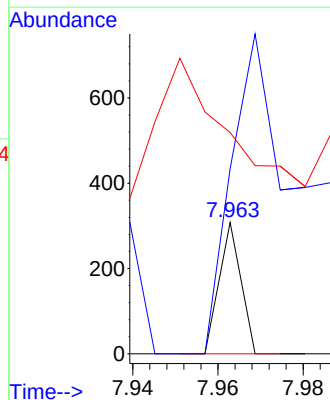
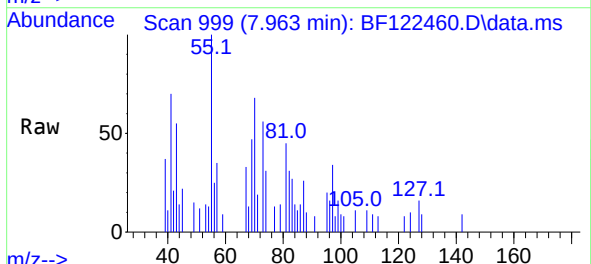
Instrument :
BNA_F
ClientSampleId :
358

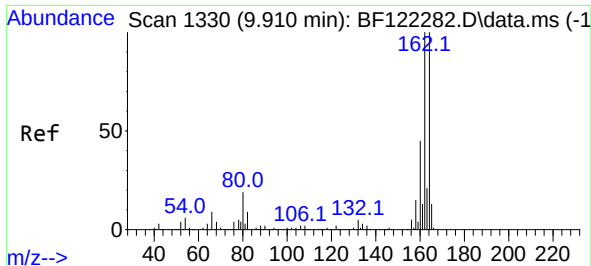
Tgt Ion: 82 Resp: 399980
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.98 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.023 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
105 140.9 103.3 143.3
77 168.5 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF122460.D

Acq: 23 Nov 2020 22:01

Tgt Ion:164 Resp: 263354

Ion Ratio Lower Upper

164 100

162 102.0 83.2 124.8

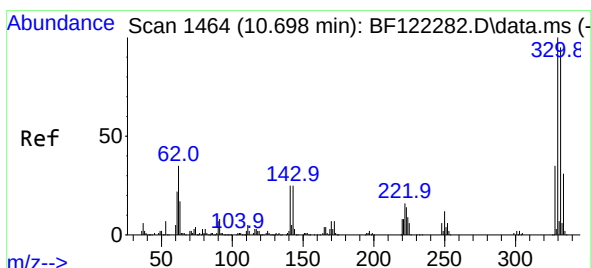
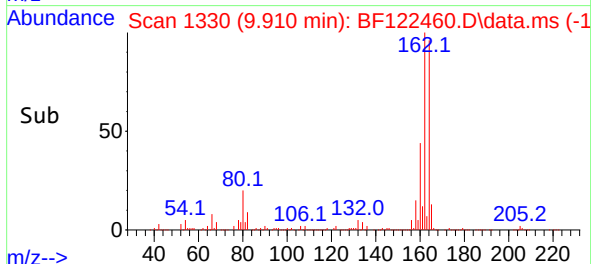
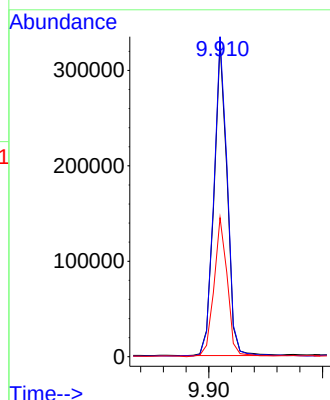
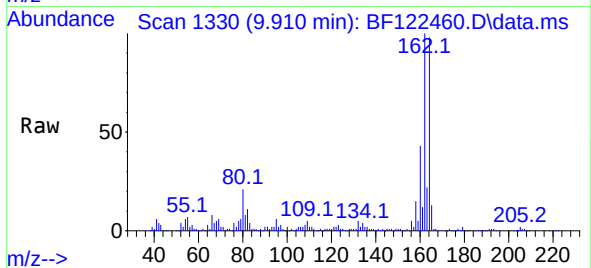
160 44.3 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

358



#42

2,4,6-Tribromophenol

Concen: 49.28 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF122460.D

Acq: 23 Nov 2020 22:01

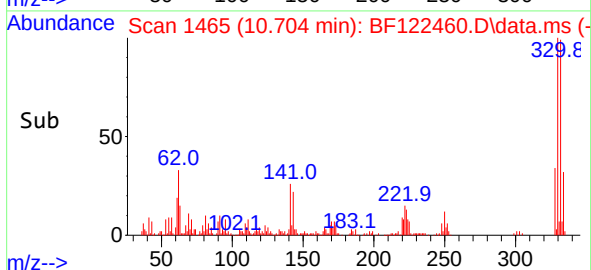
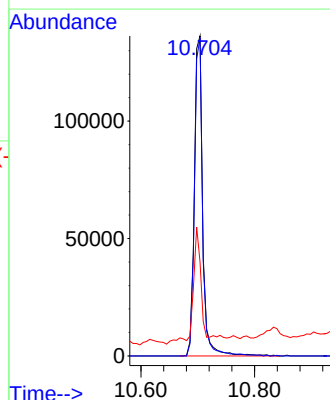
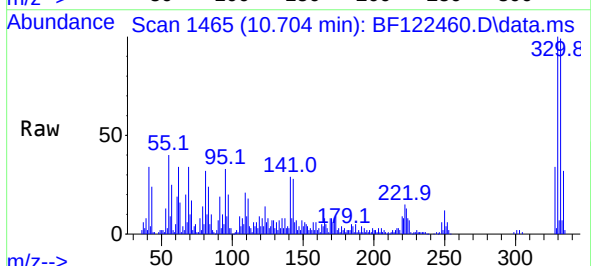
Tgt Ion:330 Resp: 139279

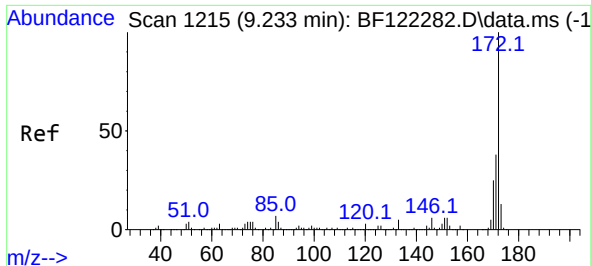
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 35.2 22.3 33.5#

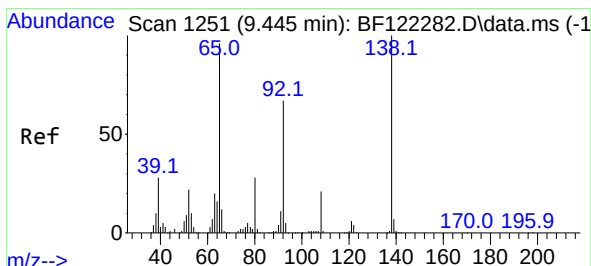
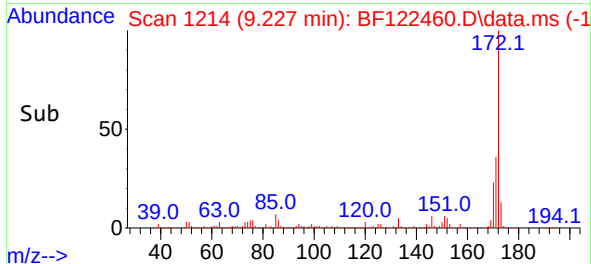
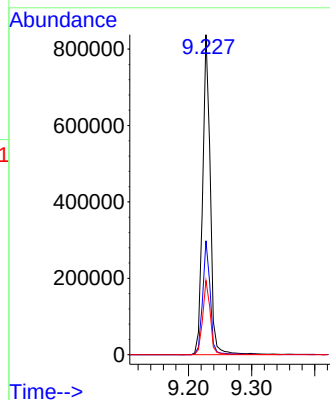
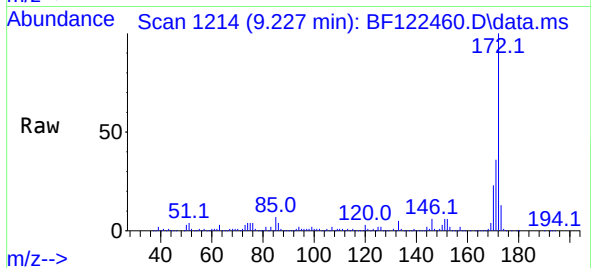




#45
2-Fluorobiphenyl
Concen: 41.57 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

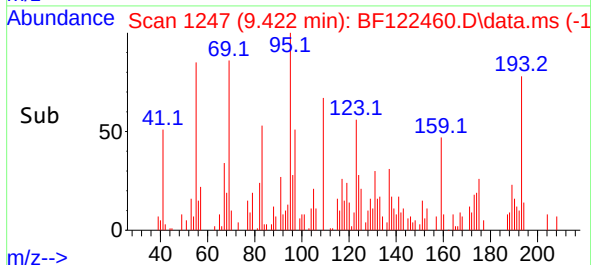
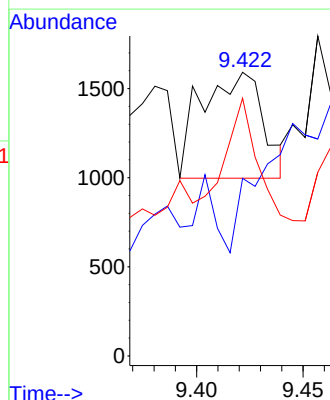
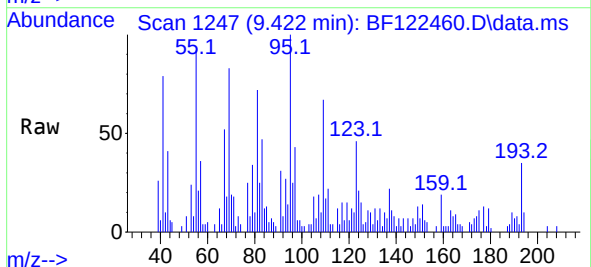
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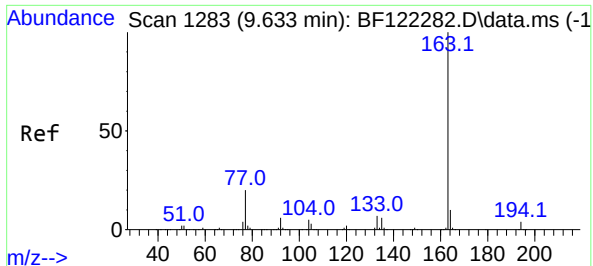
Tgt Ion:172 Resp: 700704
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.2 19.8 29.6



#48
2-Nitroaniline
Concen: 5.38 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.035 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion: 65 Resp: 1195
Ion Ratio Lower Upper
65 100
92 62.6 55.1 82.7
138 90.9 80.5 120.7

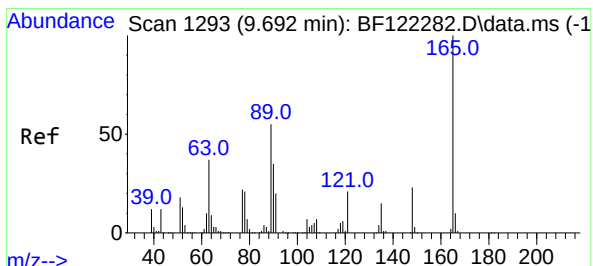
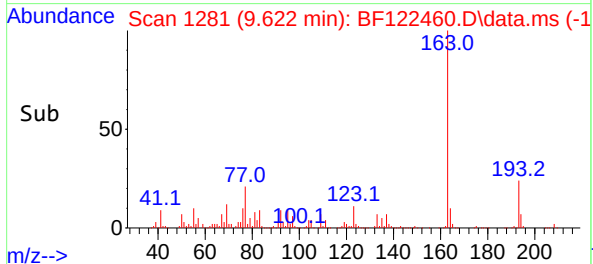
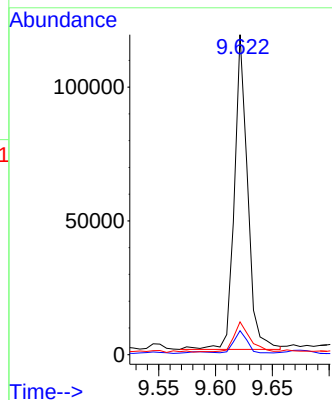
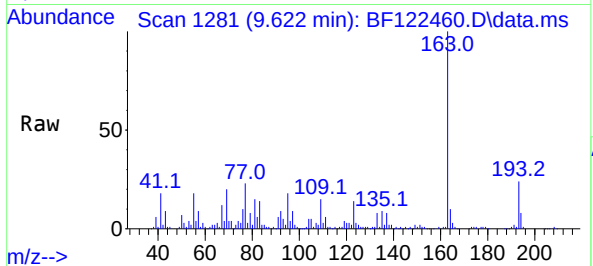




#50
Dimethylphthalate
Concen: 5.09 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

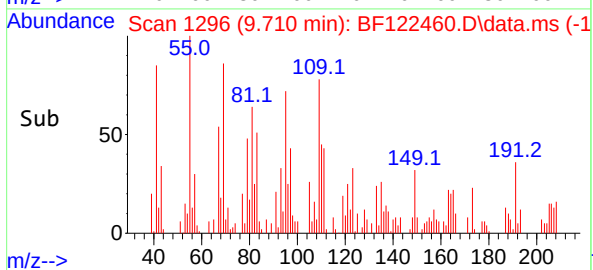
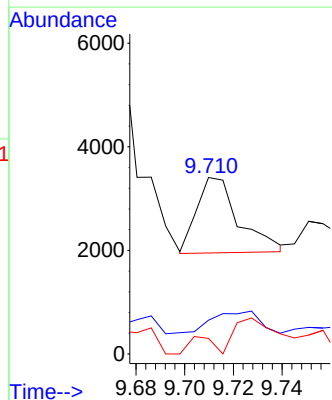
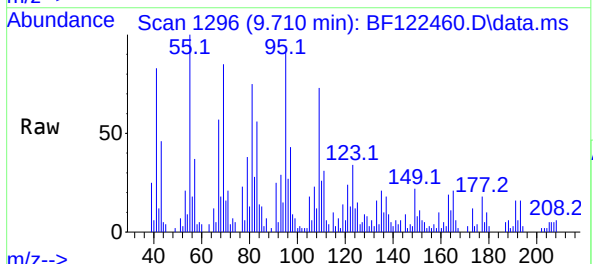
Instrument :
BNA_F
ClientSampled :
358

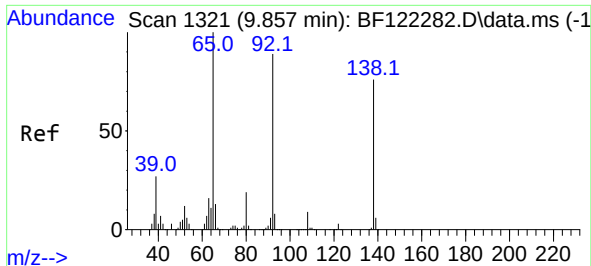
Tgt Ion:163 Resp: 95320
Ion Ratio Lower Upper
163 100
194 7.5 3.3 4.9#
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.20 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:165 Resp: 1756
Ion Ratio Lower Upper
165 100
63 19.2 51.8 77.6#
89 8.8 49.0 73.6#

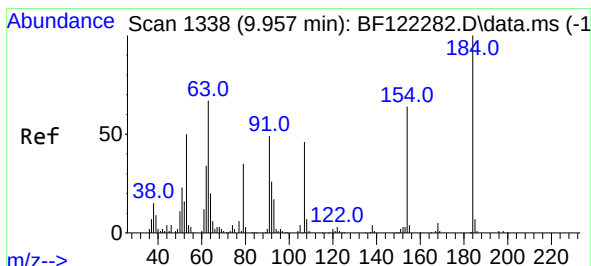
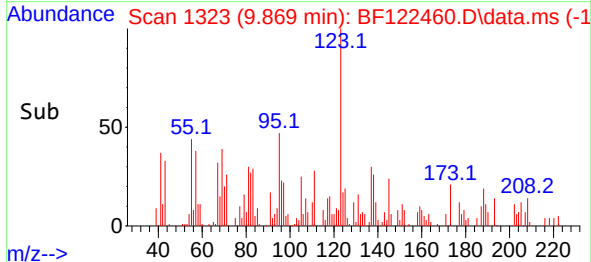
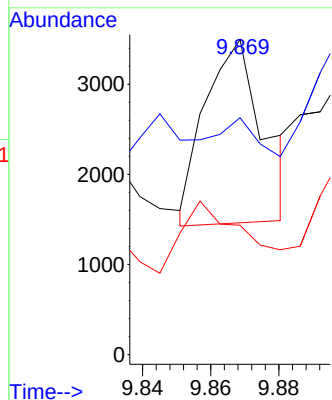
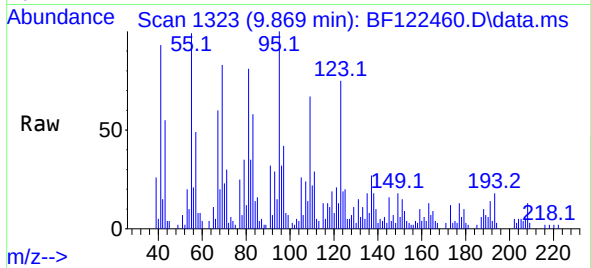




#53
3-Nitroaniline
Concen: 4.03 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

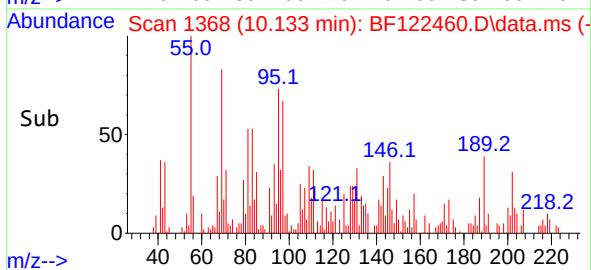
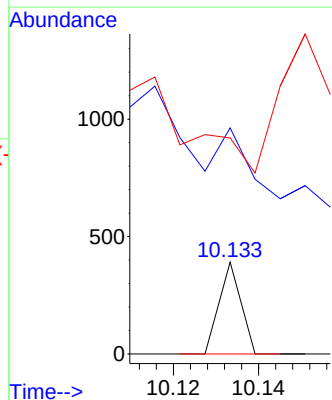
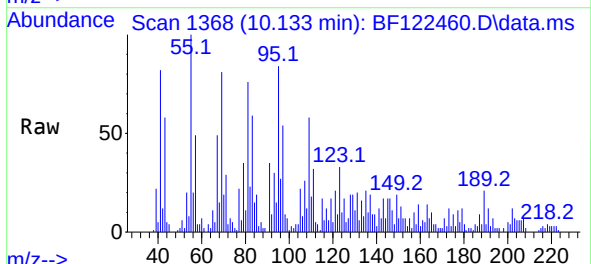
Instrument :
BNA_F
ClientSampled :
358

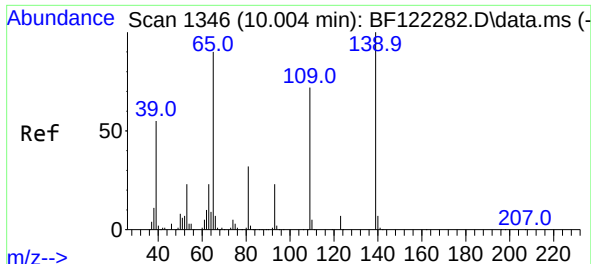
Tgt Ion:138 Resp: 2422
Ion Ratio Lower Upper
138 100
108 75.2 8.6 13.0#
92 41.1 96.6 144.8#



#54
2,4-Dinitrophenol
Concen: 6.47 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.165 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:184 Resp: 138
Ion Ratio Lower Upper
184 100
63 246.3 45.9 68.9#
154 235.3 45.8 68.6#

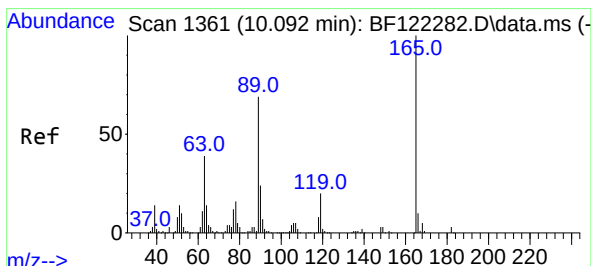
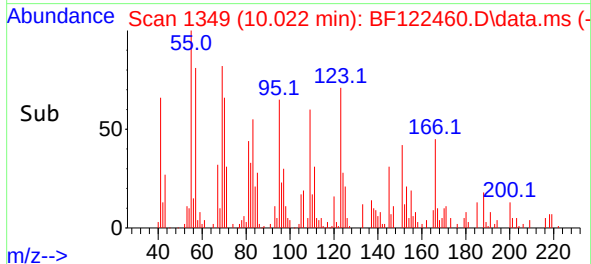
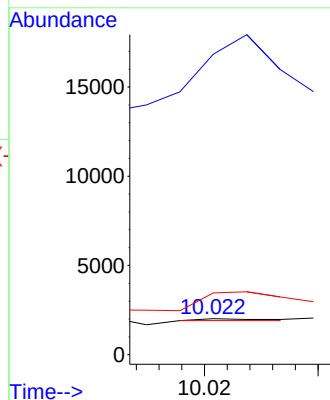
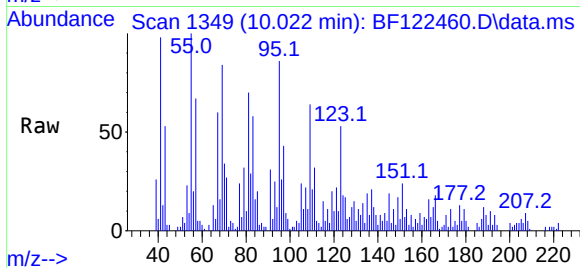




#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

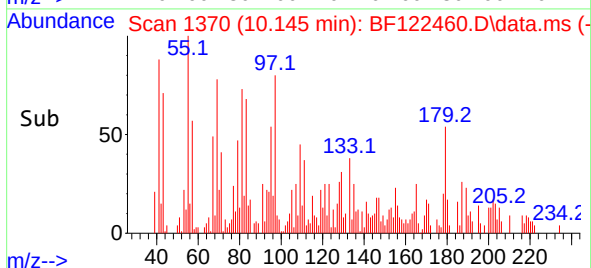
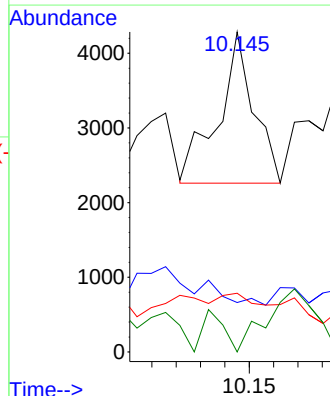
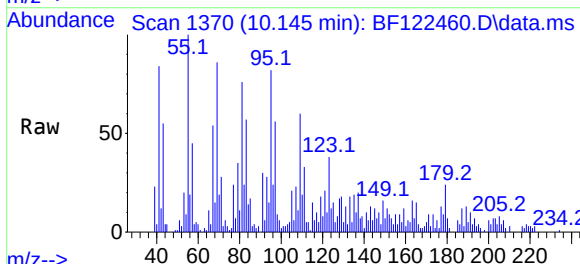
Instrument :
BNA_F
ClientSampleId :
358

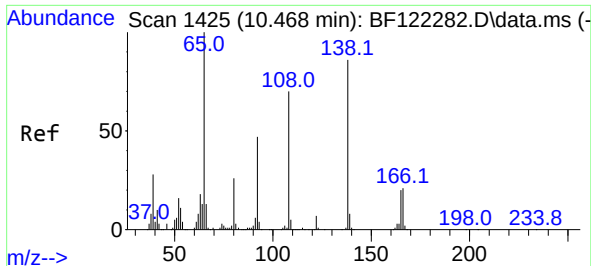
Tgt Ion:139 Resp: 79
Ion Ratio Lower Upper
139 100
109 836.1 45.4 85.4#
65 171.9 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.047 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:165 Resp: 2065
Ion Ratio Lower Upper
165 100
63 15.4 41.3 61.9#
89 18.3 61.8 92.8#
182 0.0 2.1 3.1#

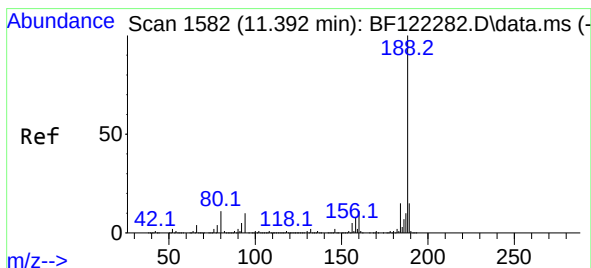
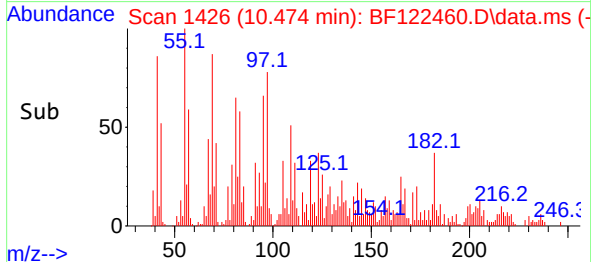
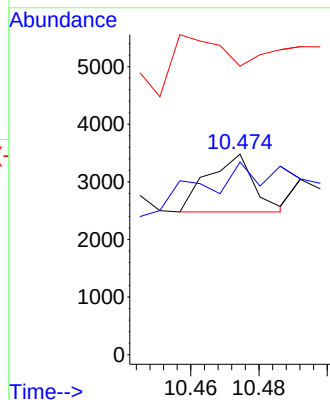
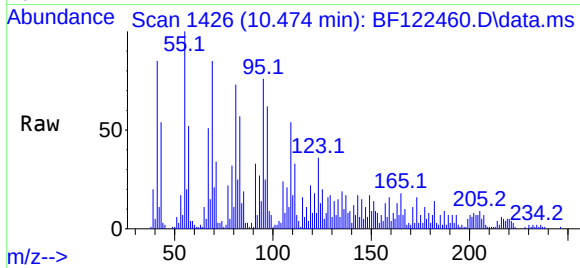




#62
4-Nitroaniline
Concen: 3.57 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

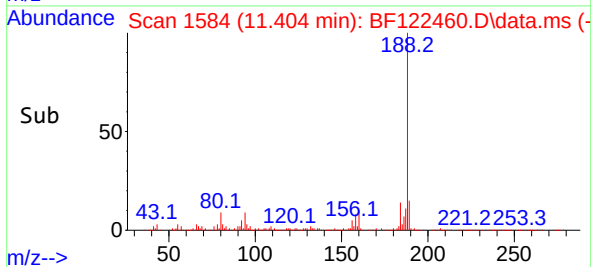
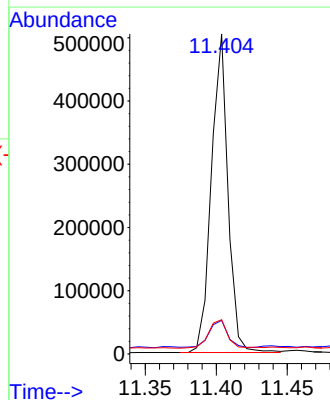
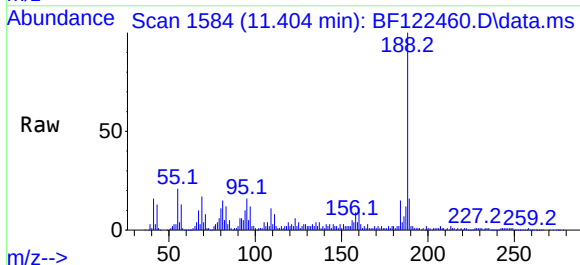
Instrument :
BNA_F
ClientSampled :
358

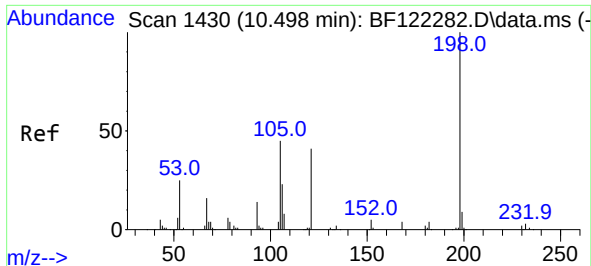
Tgt Ion:138 Resp: 941
Ion Ratio Lower Upper
138 100
92 96.1 31.0 71.0#
108 143.9 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:188 Resp: 409862
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.7 9.1 13.7

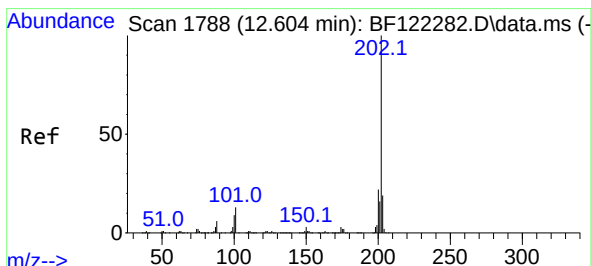
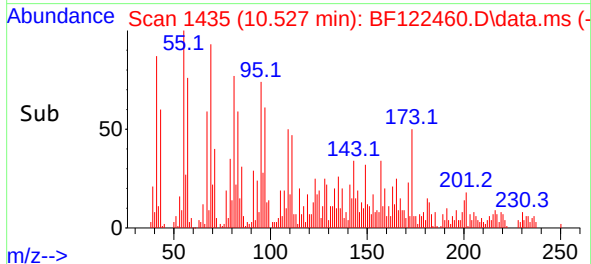
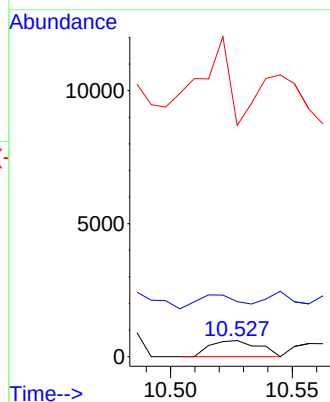
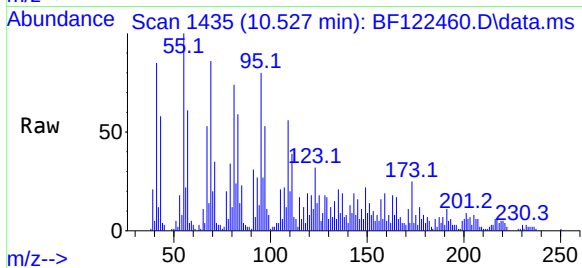




#65
4,6-Dinitro-2-methylphenol
Concen: 6.75 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.017 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

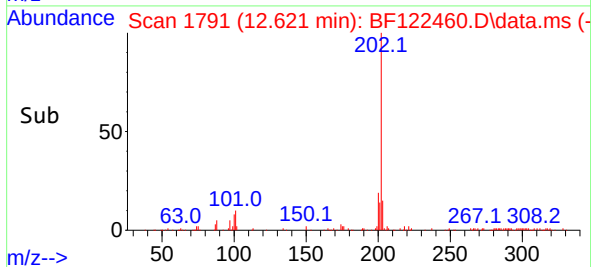
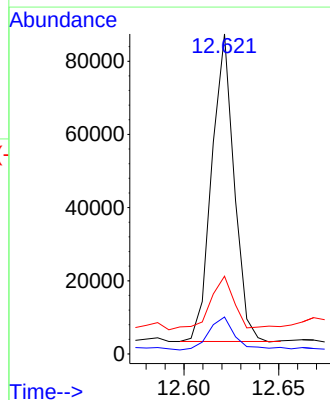
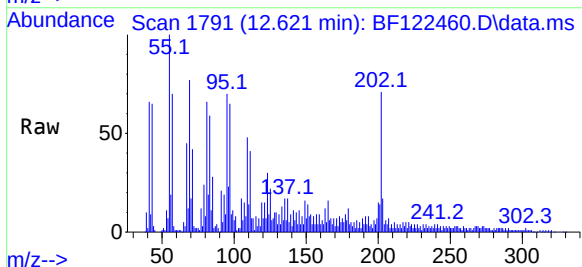
Instrument :
BNA_F
ClientSampled :
358

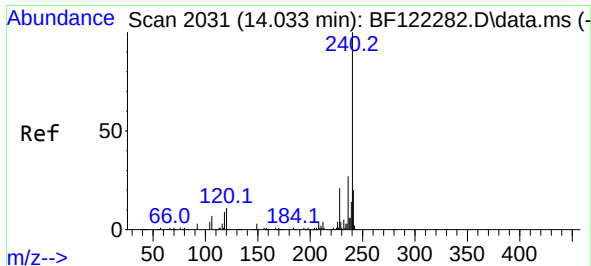
Tgt Ion:198 Resp: 845
Ion Ratio Lower Upper
198 100
51 340.5 29.6 69.6#
105 1432.1 24.4 64.4#



#75
Fluoranthene
Concen: 2.85 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:202 Resp: 69227
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 24.3 0.0 37.9

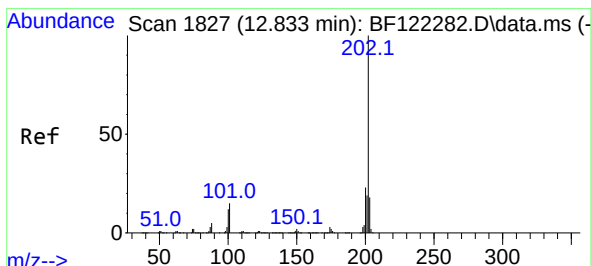
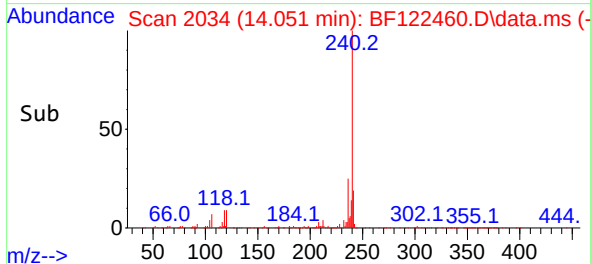
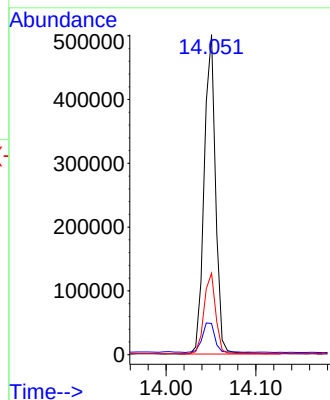
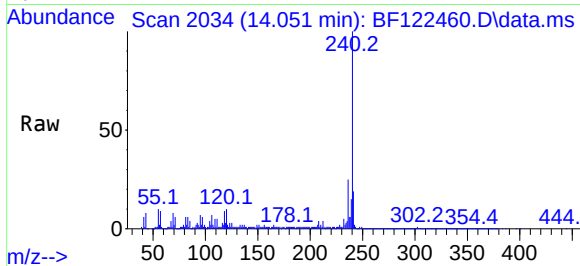




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

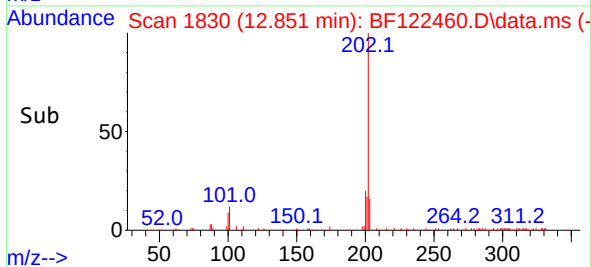
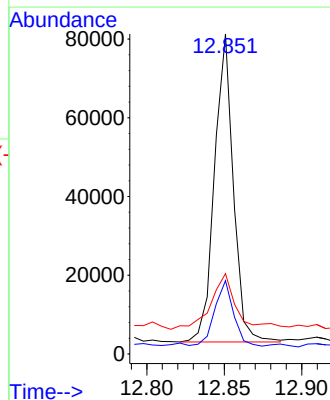
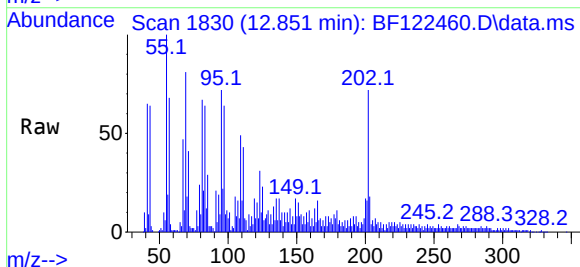
Instrument :
BNA_F
ClientSampled :
358

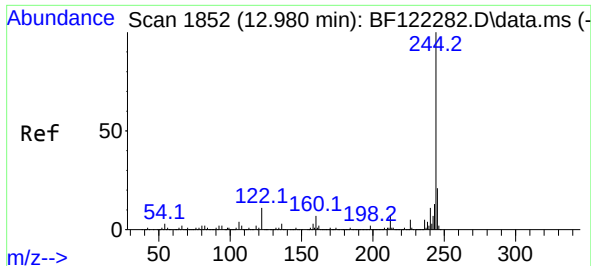
Tgt Ion:240 Resp: 441068
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.4 20.9 31.3



#78
Pyrene
Concen: 2.14 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:202 Resp: 66326
Ion Ratio Lower Upper
202 100
200 22.9 17.4 26.2
203 25.1 14.6 21.8#

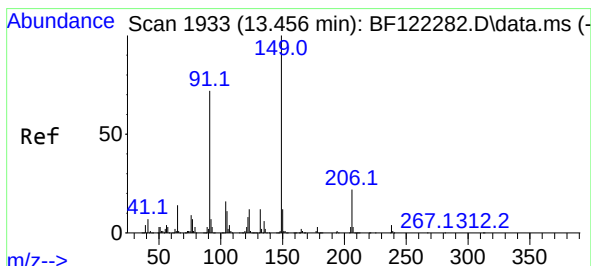
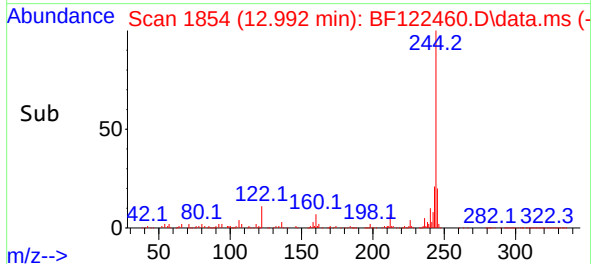
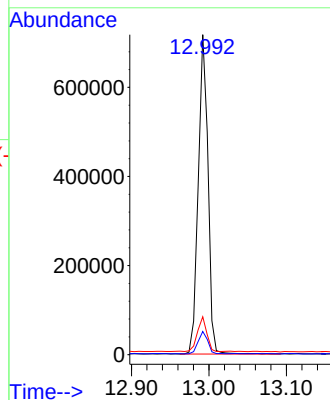
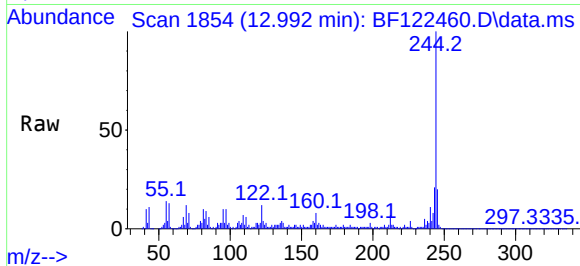




#79
Terphenyl-d14
Concen: 29.98 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

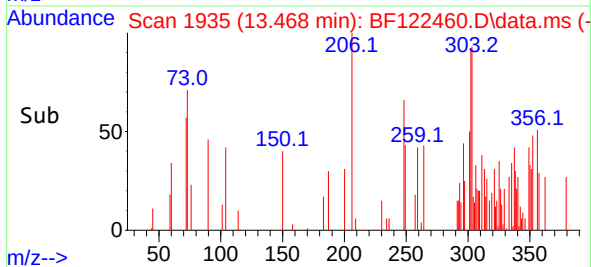
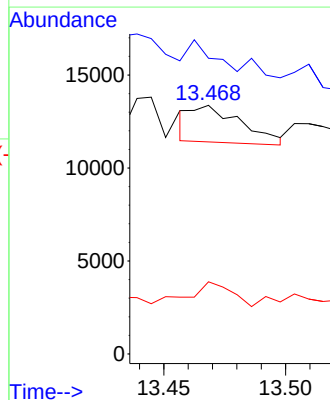
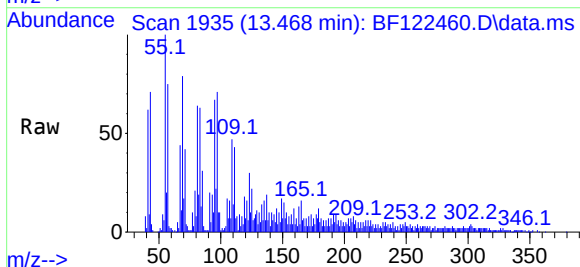
Instrument :
BNA_F
ClientSampleId :
358

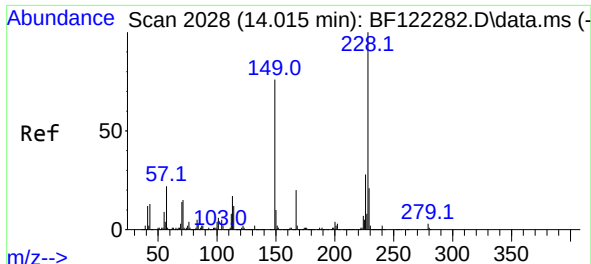
Tgt Ion:244 Resp: 624269
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.50 ng
RT: 13.468 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:149 Resp: 2793
Ion Ratio Lower Upper
149 100
91 118.9 61.0 91.4#
206 29.0 16.7 25.1#

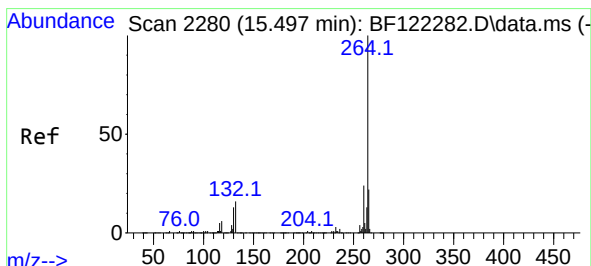
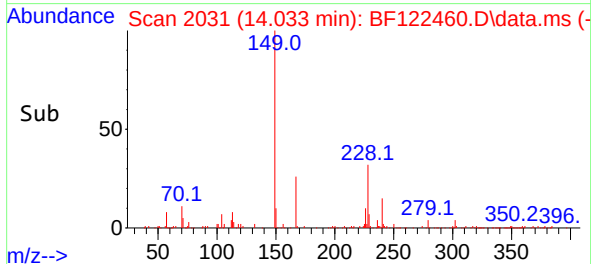
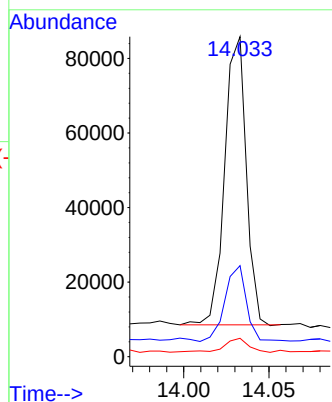
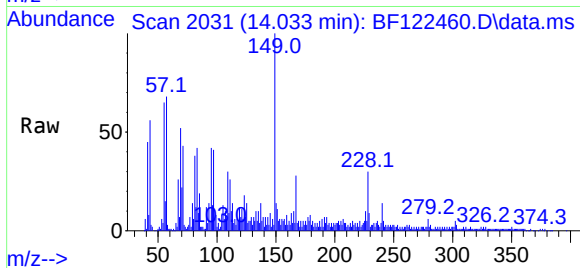




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.56 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

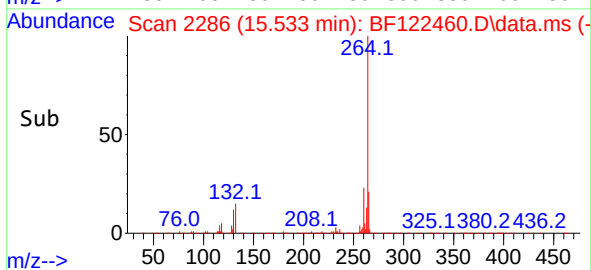
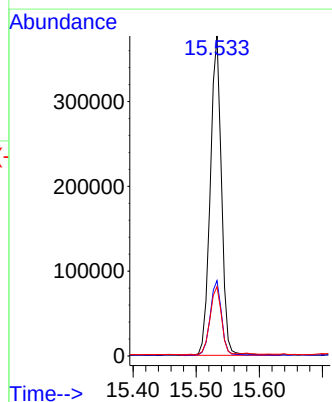
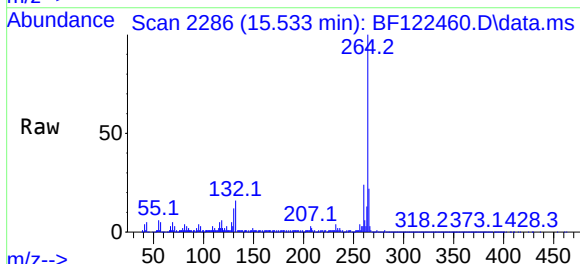
Instrument :
BNA_F
ClientSampled :
358

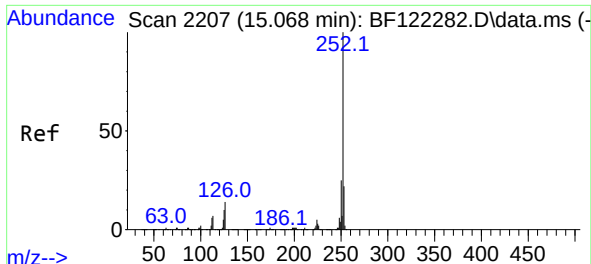
Tgt Ion:149 Resp: 68169
Ion Ratio Lower Upper
149 100
167 28.5 20.9 31.3
279 5.8 3.2 4.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:264 Resp: 464182
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.6 17.3 25.9

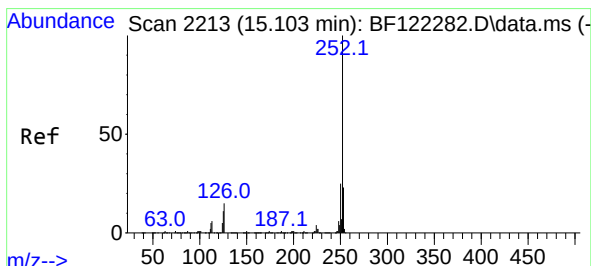
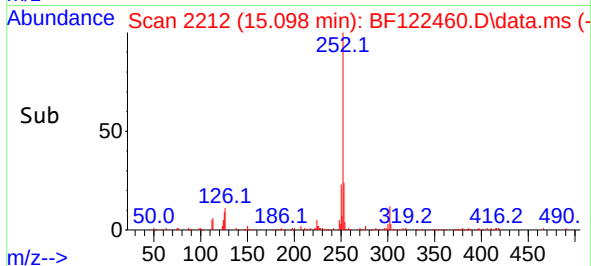
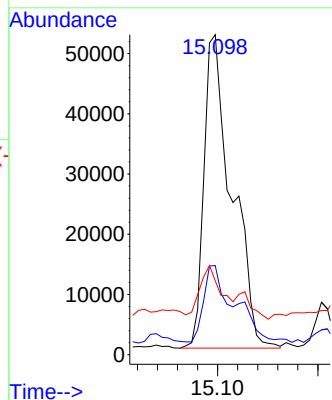
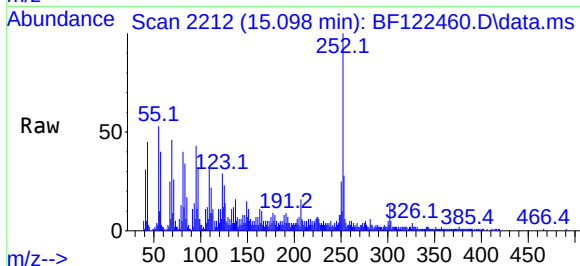




#88
Benzo(b)fluoranthene
Concen: 3.34 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Instrument :
BNA_F
ClientSampled :
358

Tgt Ion:252 Resp: 100463
Ion Ratio Lower Upper
252 100
253 27.9 18.2 27.2#
125 23.1 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.035 min
Lab File: BF122460.D
Acq: 23 Nov 2020 22:01

Tgt Ion:252 Resp: 100463
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.6#
125 23.1 7.7 11.5#

