

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122454.D
 Acq On : 23 Nov 2020 18:51
 Operator : JU/CG
 Sample : L4836-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Nov 24 00:27:30 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)

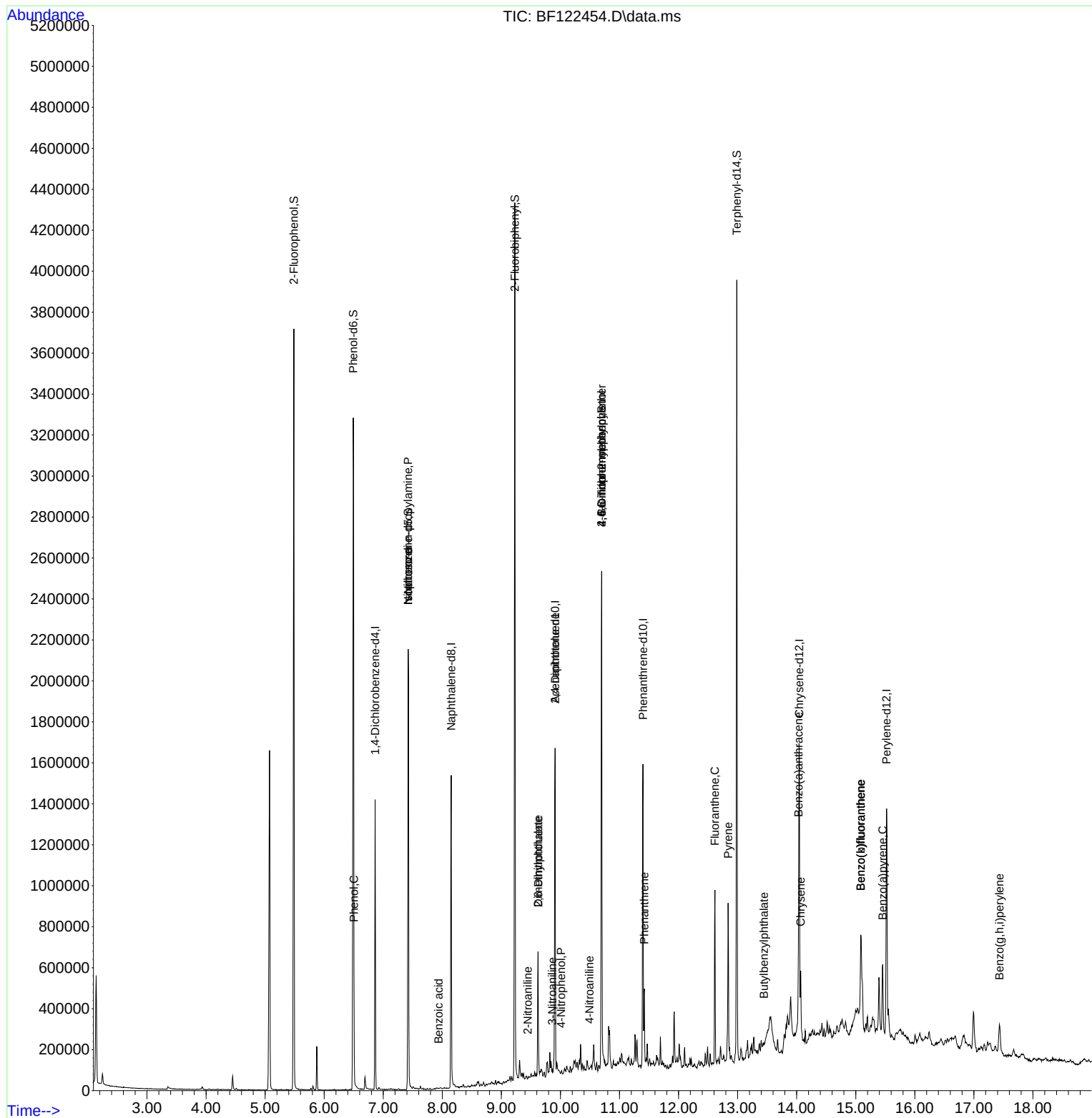
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	183193	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	690301	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	339744	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	554796	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	465607	20.00	ng	0.00
86) Perylene-d12	15.521	264	549286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1007712	84.47	ng	0.00
7) Phenol-d6	6.492	99	1258146	80.61	ng	-0.02
23) Nitrobenzene-d5	7.422	82	752994	66.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	317535	87.08	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1283491	59.03	ng	0.00
79) Terphenyl-d14	12.986	244	1137147	51.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	117	Below Cal		95
10) Phenol	6.504	94	57905	3.77 ng		82
19) n-Nitroso-di-n-propyla...	7.422	70	101855	10.92 ng	#	76
25) Isophorone	7.422	82	749610	29.82 ng	#	67
32) Benzoic acid	7.939	122	111	7.97 ng	#	1
48) 2-Nitroaniline	9.445	65	1135	5.33 ng	#	82
50) Dimethylphthalate	9.622	163	195413	8.09 ng	#	99
51) 2,6-Dinitrotoluene	9.622	165	2896	4.31 ng	#	45
53) 3-Nitroaniline	9.863	138	1005	3.71 ng	#	1
56) 4-Nitrophenol	10.010	139	559	5.51 ng	#	1
57) 2,4-Dinitrotoluene	9.910	165	46052	10.85 ng	#	20
62) 4-Nitroaniline	10.492	138	468	3.46 ng		88
65) 4,6-Dinitro-2-methylph...	10.698	198	850	6.59 ng	#	1
67) 4-Bromophenyl-phenylether	10.698	248	20839	3.20 ng	#	1
71) Phenanthrene	11.422	178	142452	4.53 ng		97
75) Fluoranthene	12.616	202	320219	9.74 ng		96
78) Pyrene	12.839	202	306120	9.36 ng		98
80) Butylbenzylphthalate	13.445	149	1449	3.39 ng	#	70
81) Benzo(a)anthracene	14.033	228	137496	4.75 ng		94
83) Chrysene	14.068	228	139157	4.77 ng		96
88) Benzo(b)fluoranthene	15.086	252	299427	8.42 ng		98
89) Benzo(k)fluoranthene	15.086	252	299427	8.63 ng		97
90) Benzo(a)pyrene	15.457	252	168686	5.44 ng		98
92) Benzo(g,h,i)perylene	17.433	276	119650	4.46 ng		97

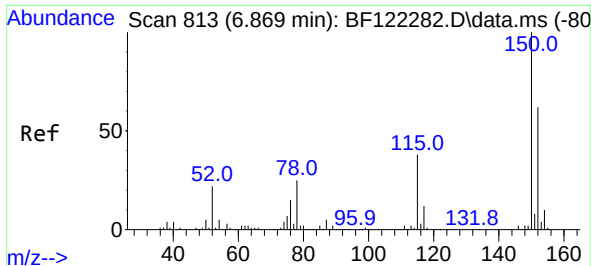
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122454.D
Acq On : 23 Nov 2020 18:51
Operator : JU/CG
Sample : L4836-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02

Quant Time: Nov 24 00:27:30 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

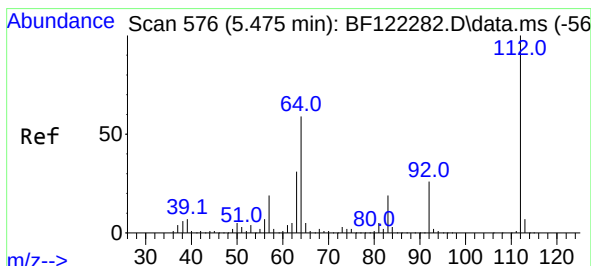
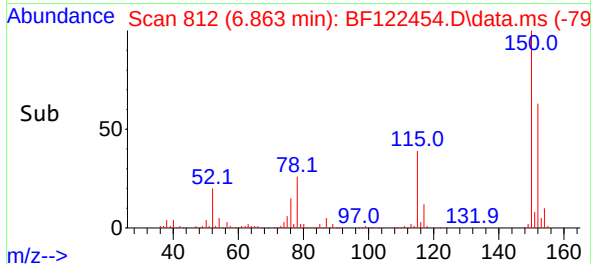
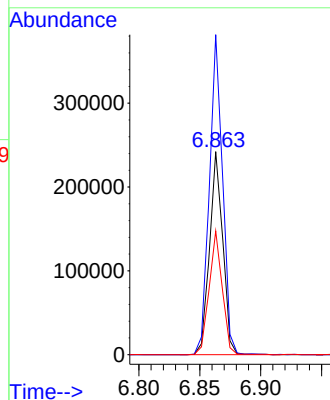
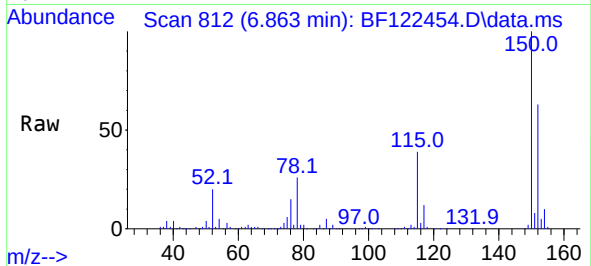




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

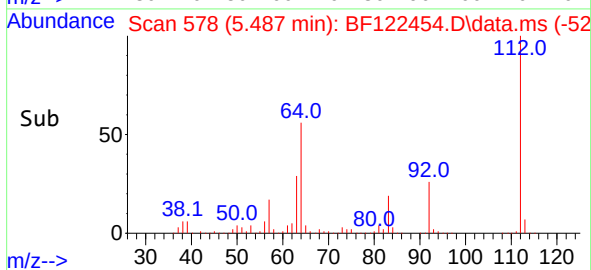
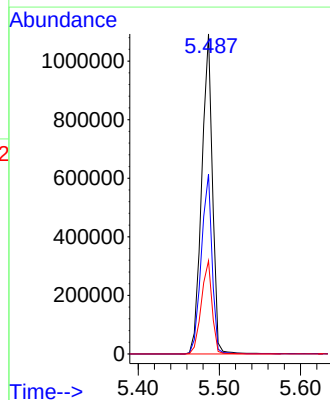
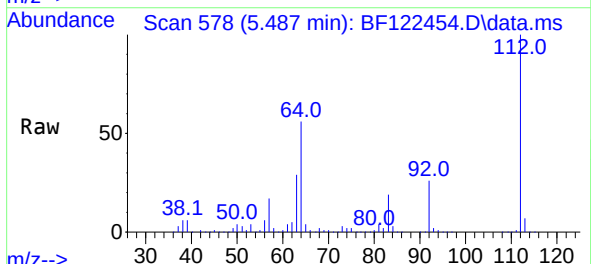
Instrument :
BNA_F
ClientSampleId :
SB-02

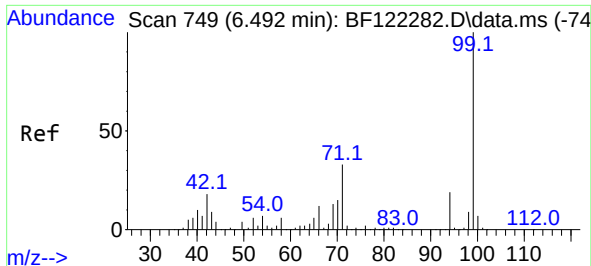
Tgt Ion:152 Resp: 183193
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 60.9 51.9 77.9



#5
2-Fluorophenol
Concen: 84.47 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:112 Resp: 1007712
Ion Ratio Lower Upper
112 100
64 56.2 50.4 75.6
63 29.1 25.8 38.6

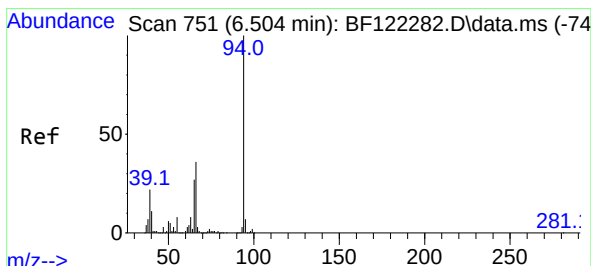
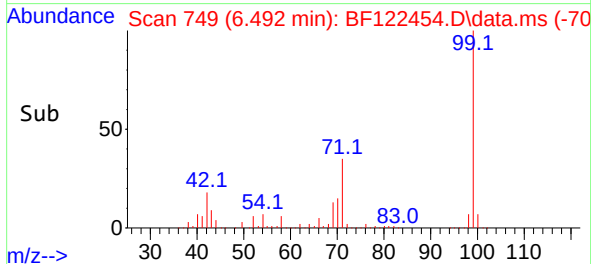
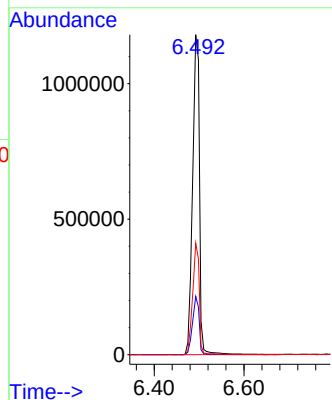
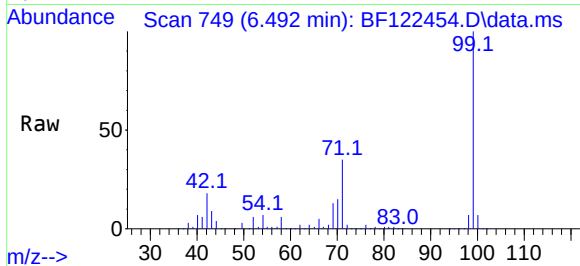




#7
Phenol-d6
Concen: 80.61 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

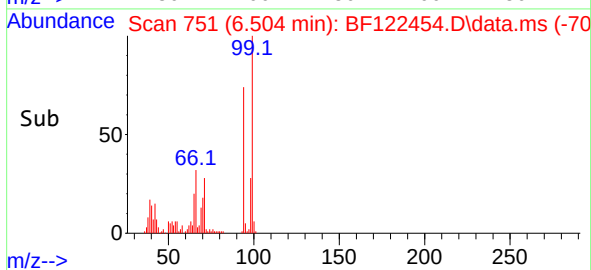
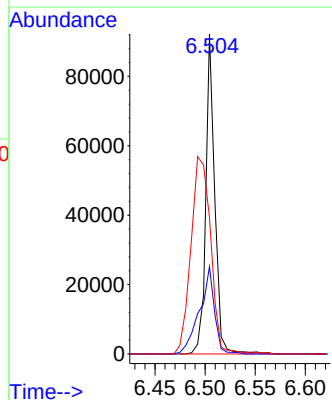
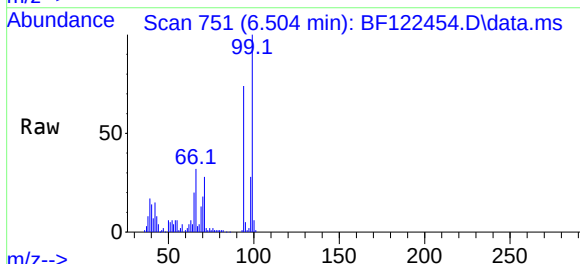
Instrument :
BNA_F
ClientSampleId :
SB-02

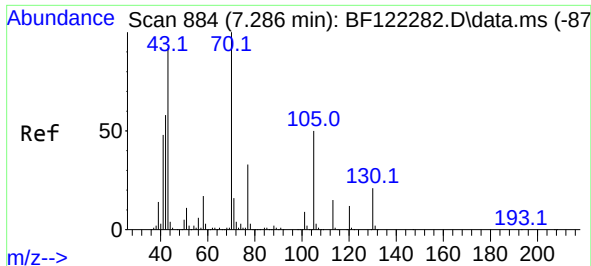
Tgt Ion: 99 Resp: 1258146
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 34.9 27.1 40.7



#10
Phenol
Concen: 3.77 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

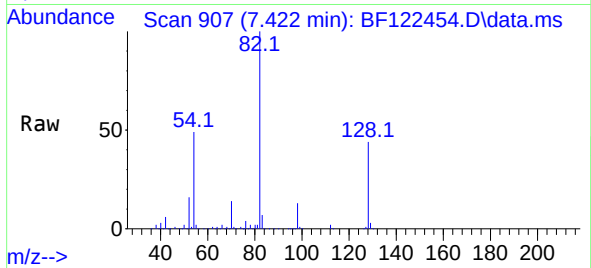
Tgt Ion: 94 Resp: 57905
Ion Ratio Lower Upper
94 100
65 27.3 17.1 57.1
66 42.6 36.0 76.0



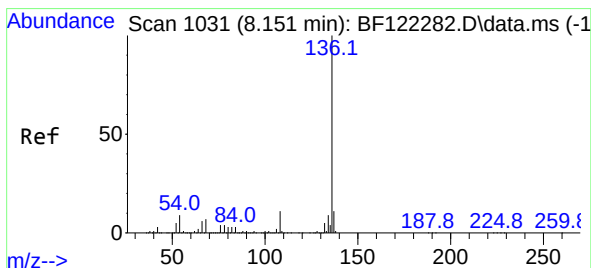
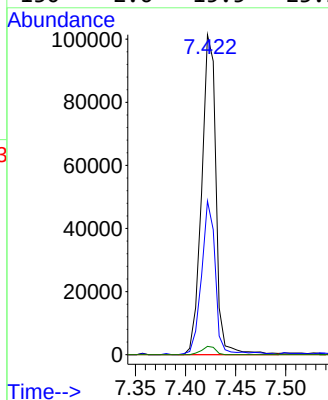
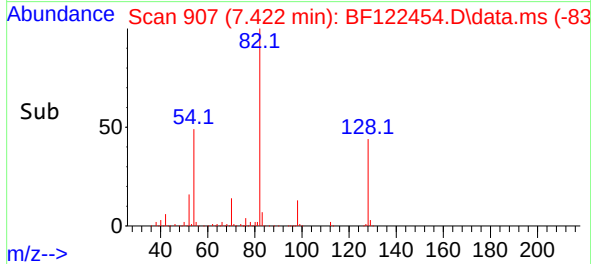


#19
n-Nitroso-di-n-propylamine
Concen: 10.92 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

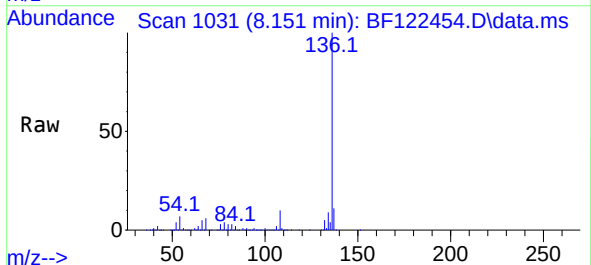
Instrument :
BNA_F
ClientSampleId :
SB-02



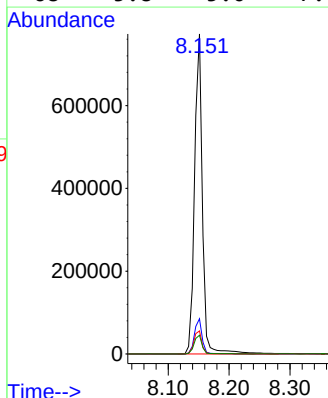
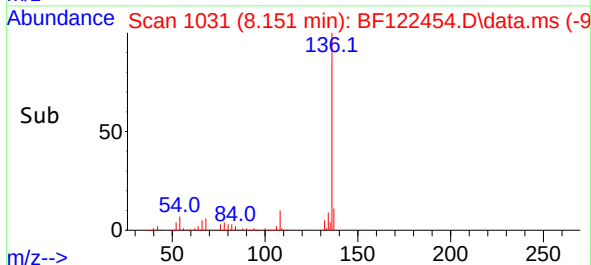
Tgt Ion: 70 Resp: 101855
Ion Ratio Lower Upper
70 100
42 48.0 50.2 75.4#
101 0.0 7.5 11.3#
130 2.6 15.5 23.3#

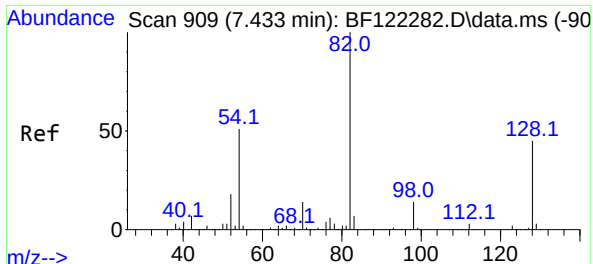


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



Tgt Ion: 136 Resp: 690301
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 7.1 10.7
68 5.8 5.0 7.4

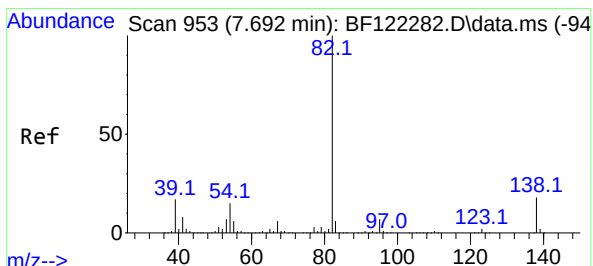
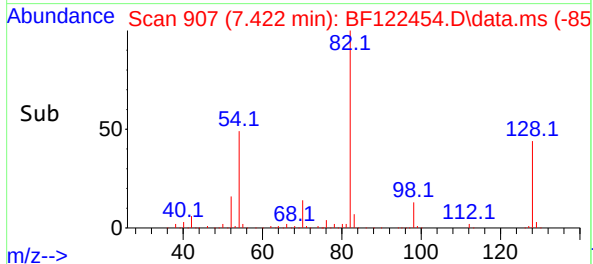
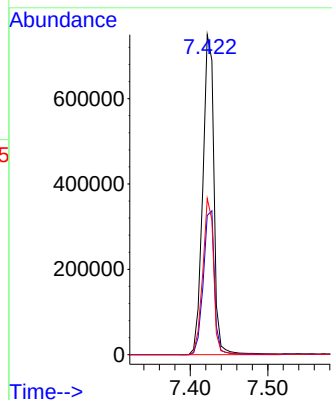
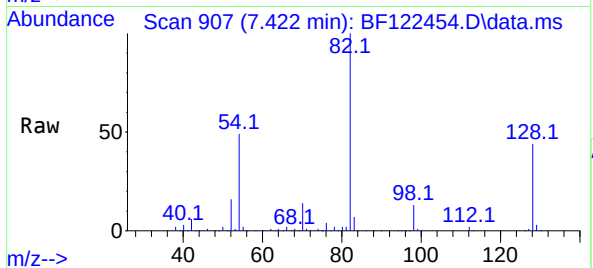




#23
Nitrobenzene-d5
Concen: 66.78 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

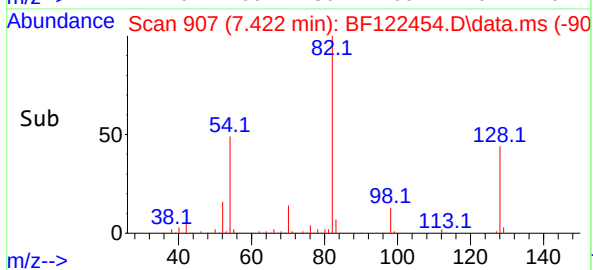
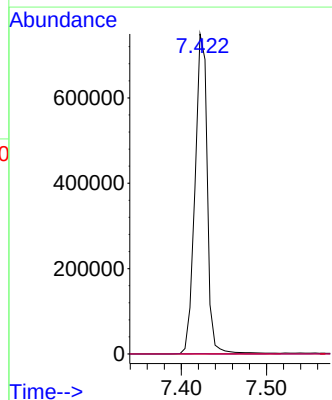
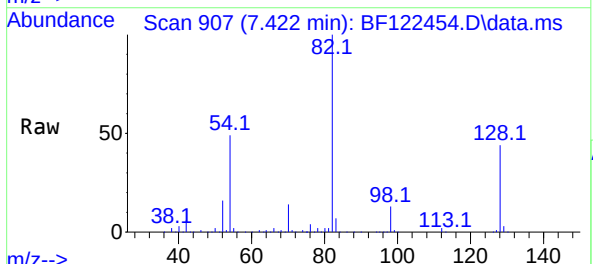
Instrument :
BNA_F
ClientSampled :
SB-02

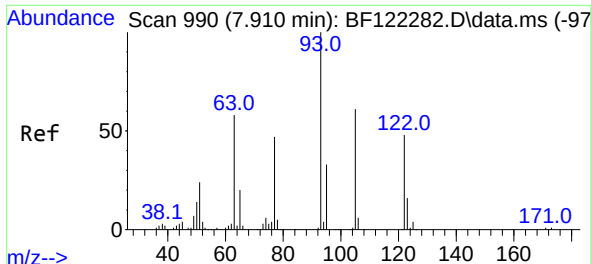
Tgt Ion: 82 Resp: 752994
Ion Ratio Lower Upper
82 100
128 43.5 35.0 52.4
54 48.8 43.9 65.9



#25
Isophorone
Concen: 29.82 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion: 82 Resp: 749610
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.4 20.0#

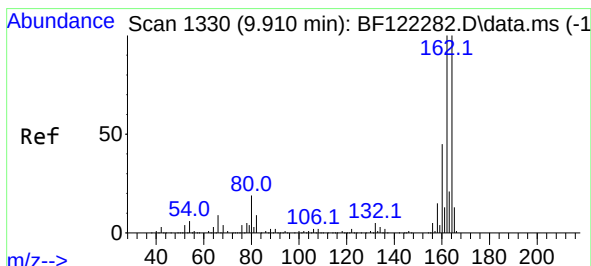
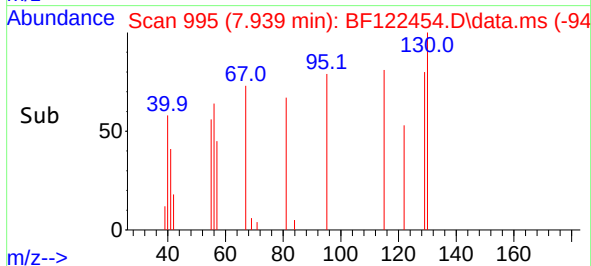
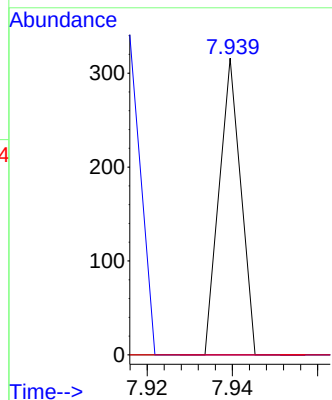
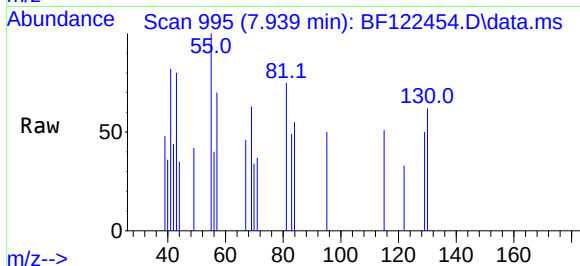




#32
Benzoic acid
Concen: 7.97 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

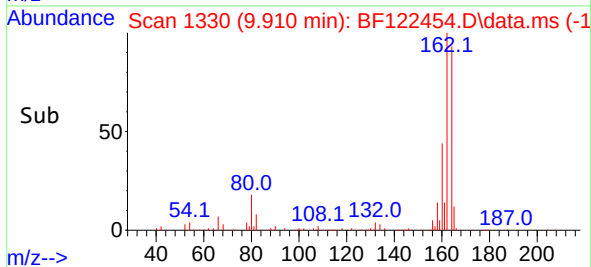
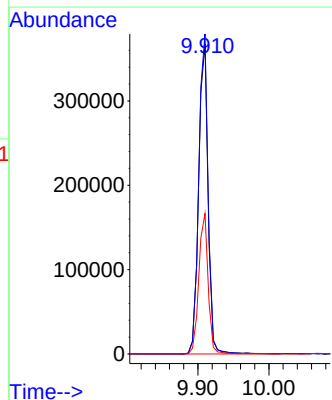
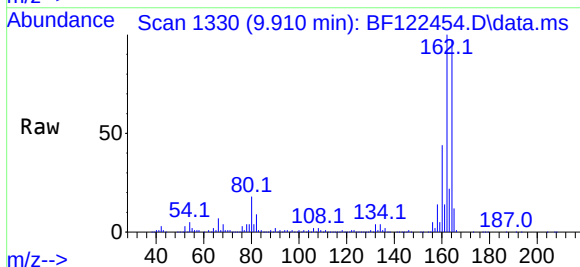
Instrument :
BNA_F
ClientSampleId :
SB-02

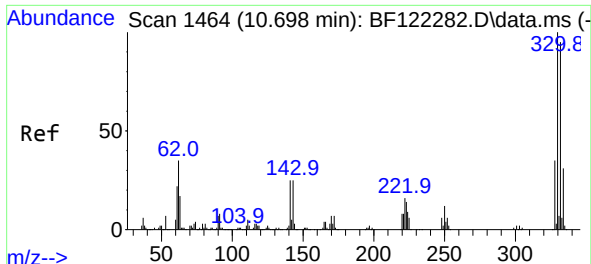
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:164 Resp: 339744
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 45.3 37.5 56.3



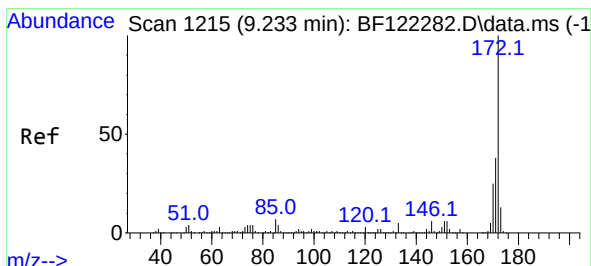
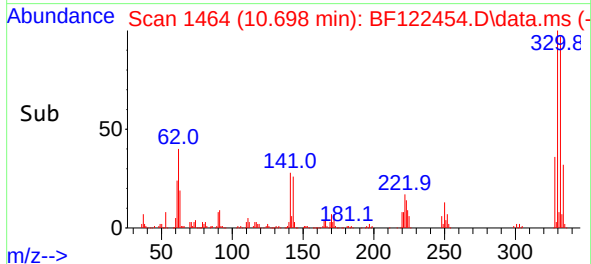
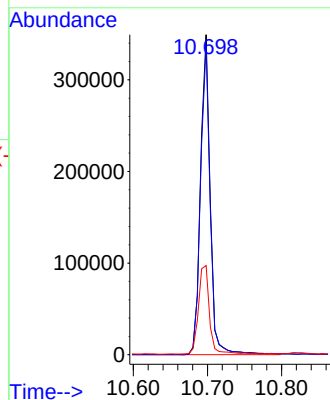
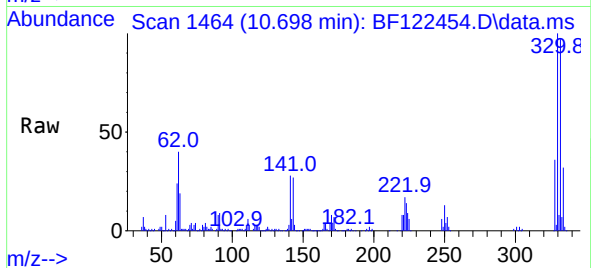


#42
2,4,6-Tribromophenol
Concen: 87.08 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion: 330 Resp: 317535

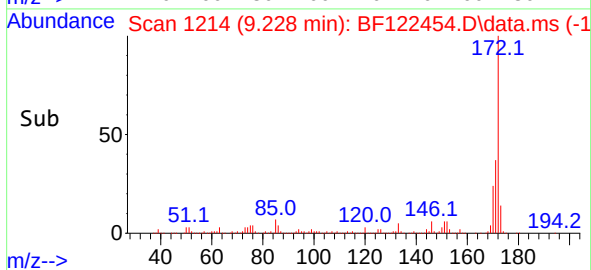
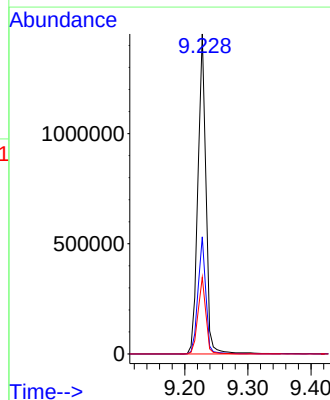
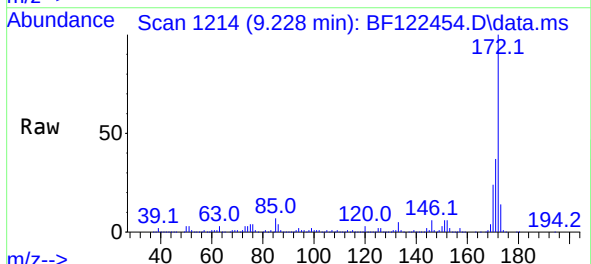
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	30.8	22.3	33.5

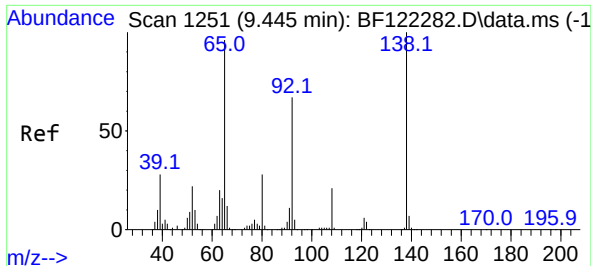


#45
2-Fluorobiphenyl
Concen: 59.03 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion: 172 Resp: 1283491

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	23.9	19.8	29.6

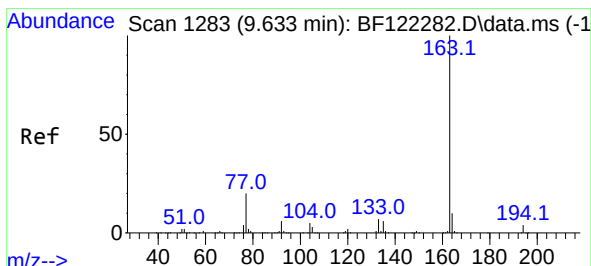
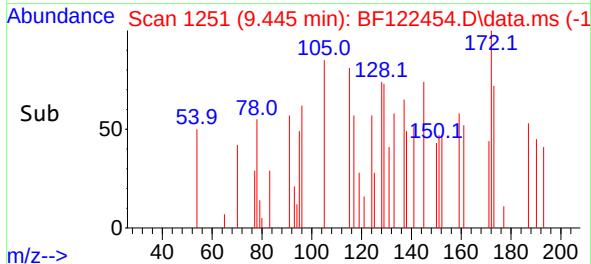
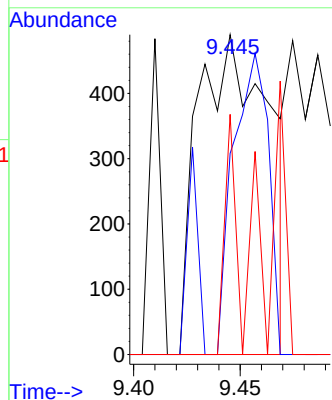
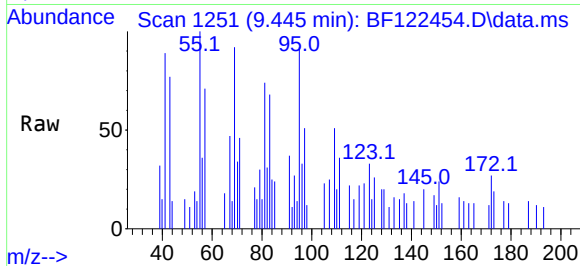




#48
2-Nitroaniline
Concen: 5.33 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

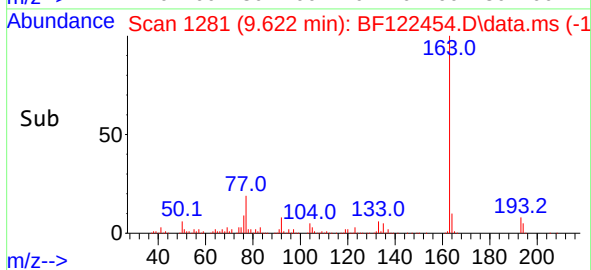
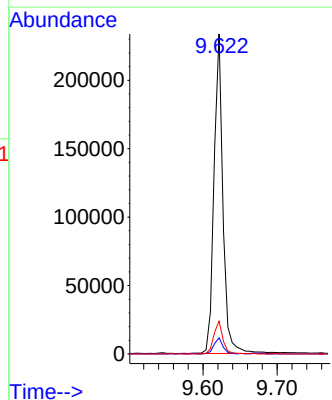
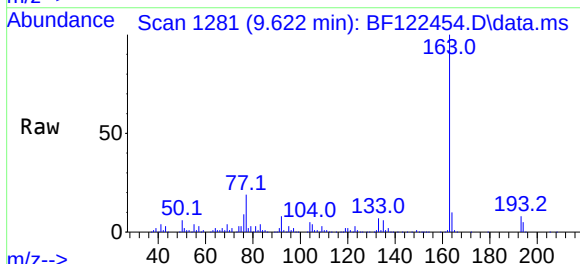
Instrument :
BNA_F
ClientSampled :
SB-02

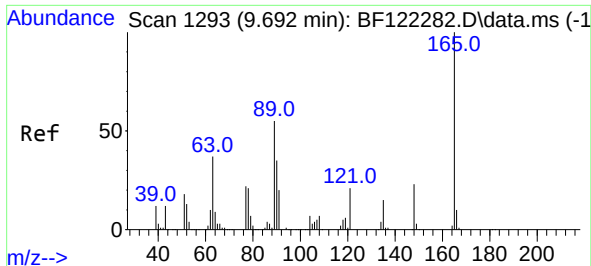
Tgt Ion: 65 Resp: 1135
Ion Ratio Lower Upper
65 100
92 62.9 55.1 82.7
138 75.1 80.5 120.7#



#50
Dimethylphthalate
Concen: 8.09 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:163 Resp: 195413
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 10.3 8.2 12.4

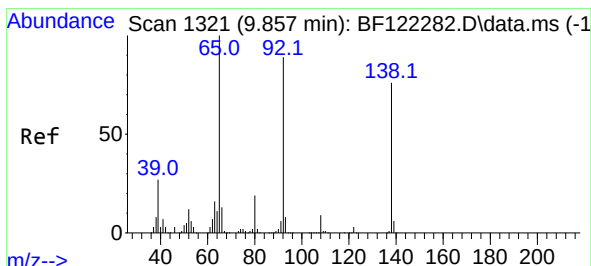
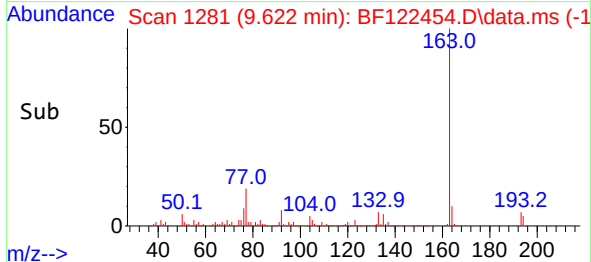
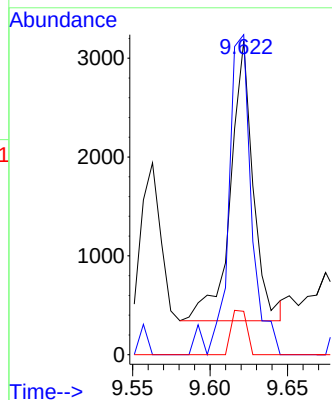
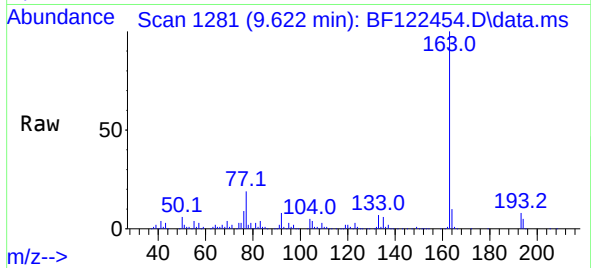




#51
2,6-Dinitrotoluene
Concen: 4.31 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.076 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

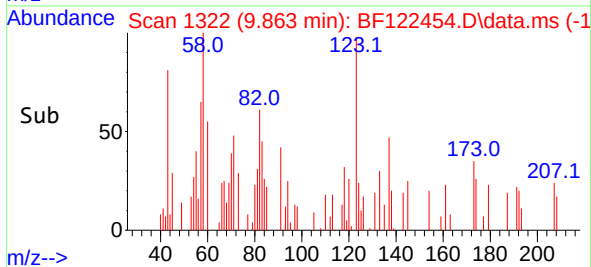
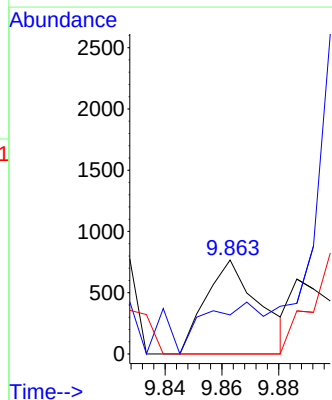
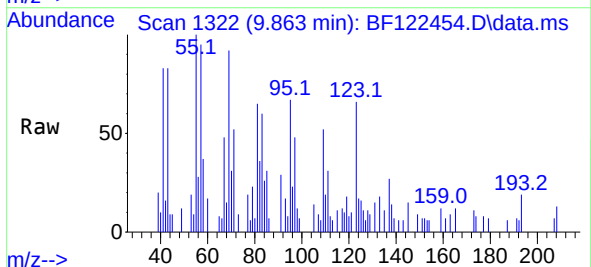
Instrument :
BNA_F
ClientSampled :
SB-02

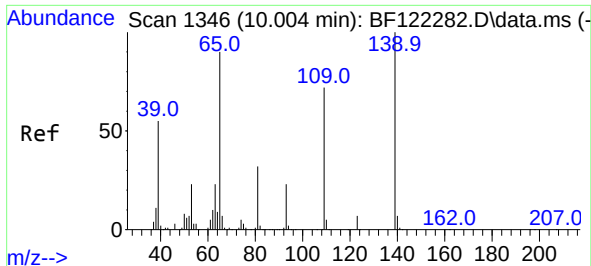
Tgt Ion:165 Resp: 2896
Ion Ratio Lower Upper
165 100
63 102.1 51.8 77.6#
89 13.8 49.0 73.6#



#53
3-Nitroaniline
Concen: 3.71 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:138 Resp: 1005
Ion Ratio Lower Upper
138 100
108 41.6 8.6 13.0#
92 0.0 96.6 144.8#

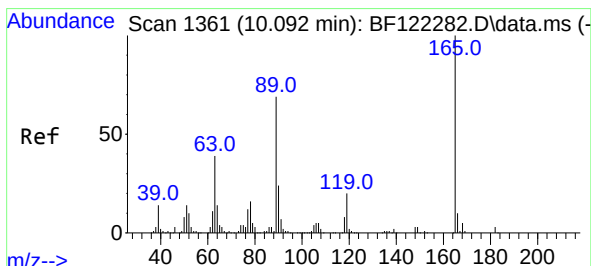
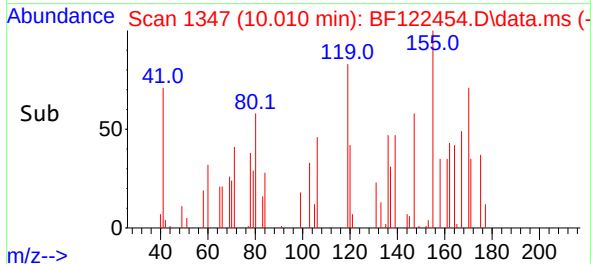
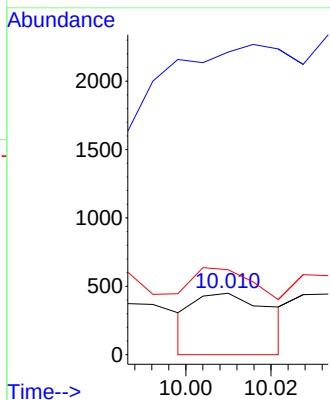
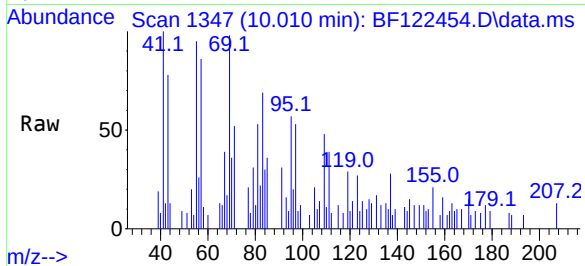




#56
4-Nitrophenol
Concen: 5.51 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

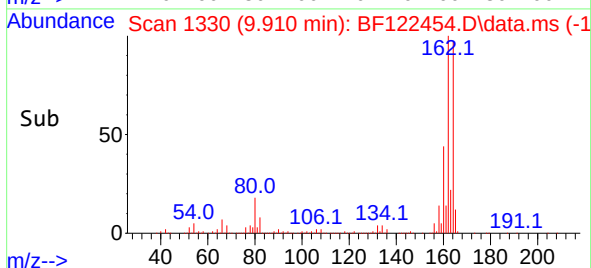
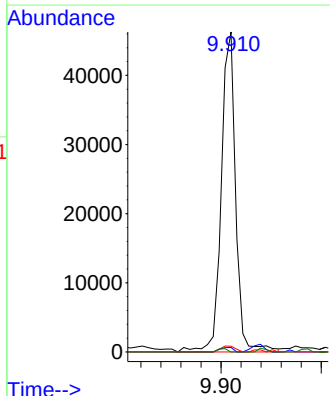
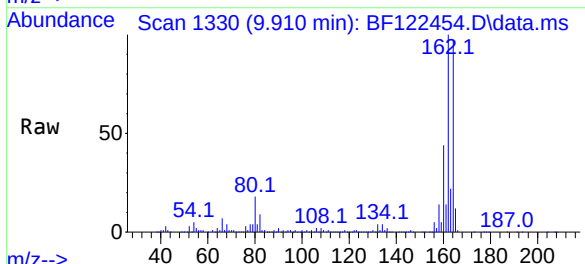
Instrument :
BNA_F
ClientSampled :
SB-02

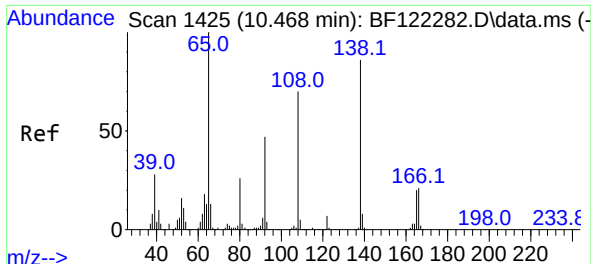
Tgt Ion:139 Resp: 559
Ion Ratio Lower Upper
139 100
109 491.8 45.4 85.4#
65 138.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.85 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:165 Resp: 46052
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

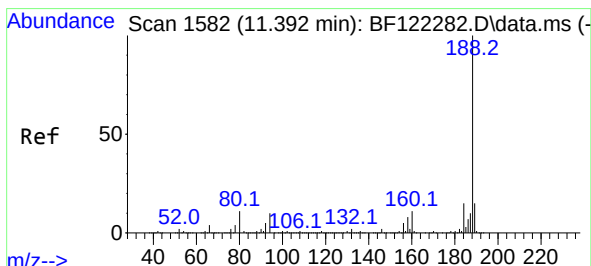
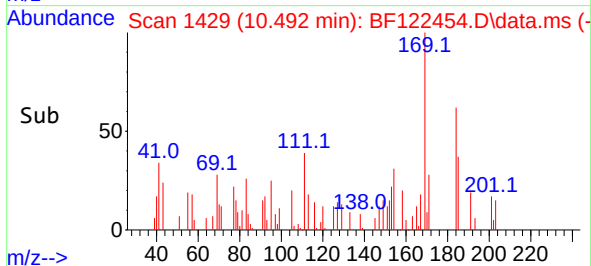
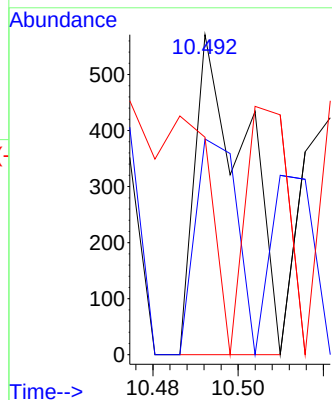
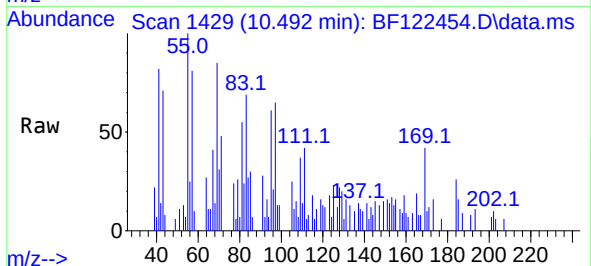




#62
4-Nitroaniline
Concen: 3.46 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

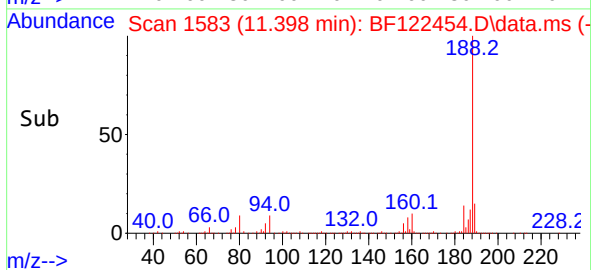
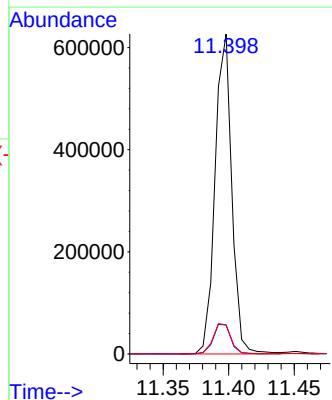
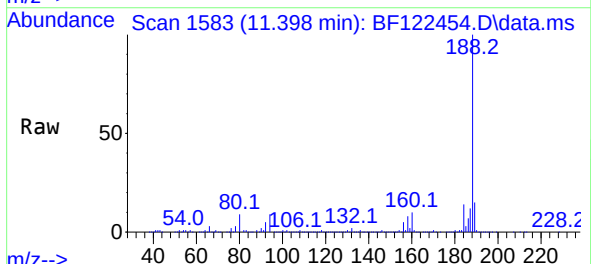
Instrument :
BNA_F
ClientSampled :
SB-02

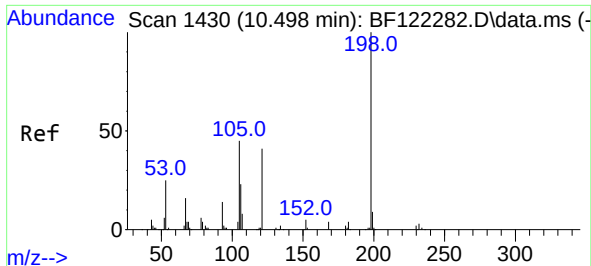
Tgt Ion:138 Resp: 468
Ion Ratio Lower Upper
138 100
92 67.4 31.0 71.0
108 68.0 51.5 91.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:188 Resp: 554796
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.1 9.1 13.7#

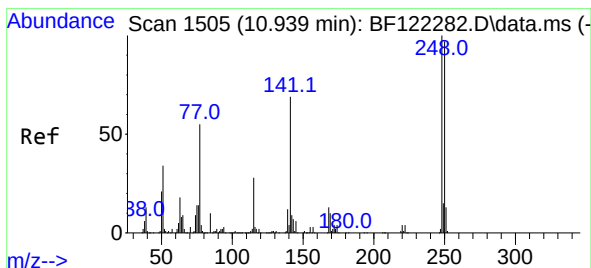
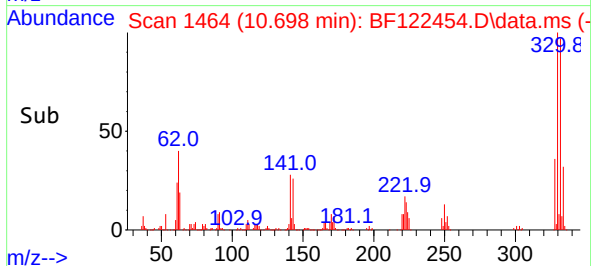
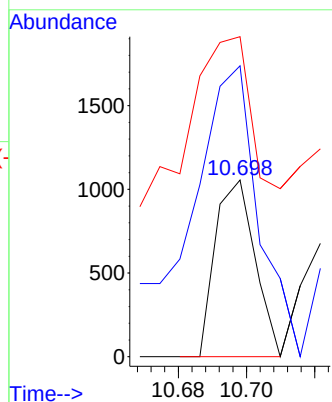
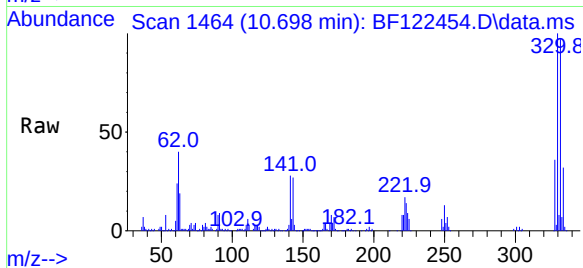




#65
4,6-Dinitro-2-methylphenol
Concen: 6.59 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

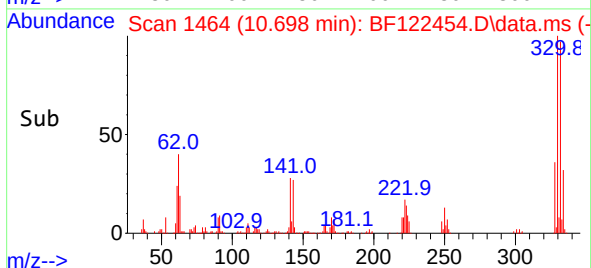
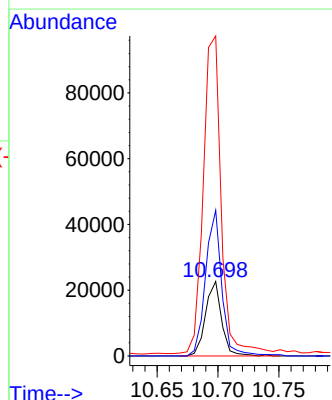
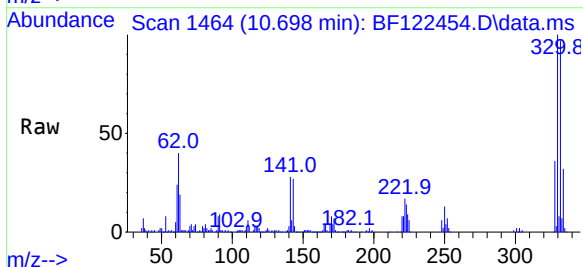
Instrument :
BNA_F
ClientSampled :
SB-02

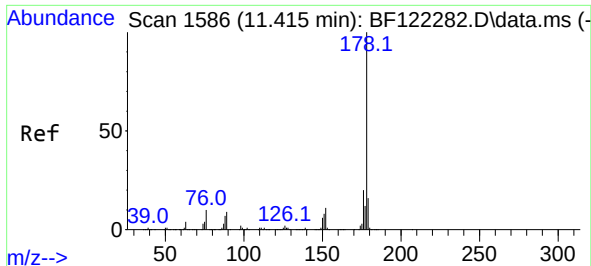
Tgt Ion:198	Resp:	850
Ion Ratio	Lower	Upper
198	100	
51	164.6	29.6 69.6#
105	181.1	24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:248	Resp:	20839
Ion Ratio	Lower	Upper
248	100	
250	195.6	77.0 115.6#
141	429.7	53.7 80.5#

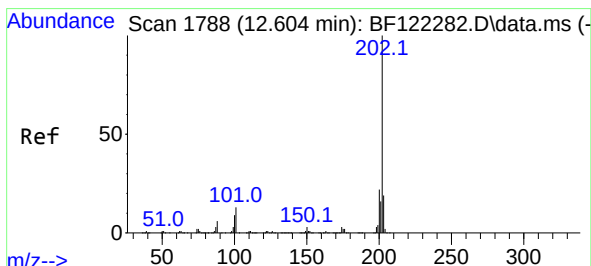
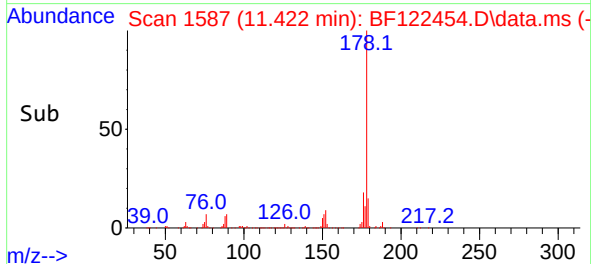
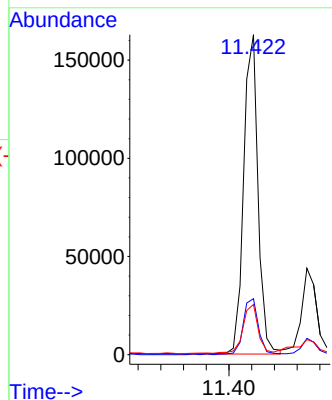
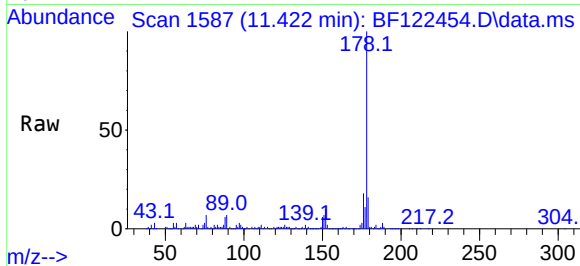




#71
Phenanthrene
Concen: 4.53 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

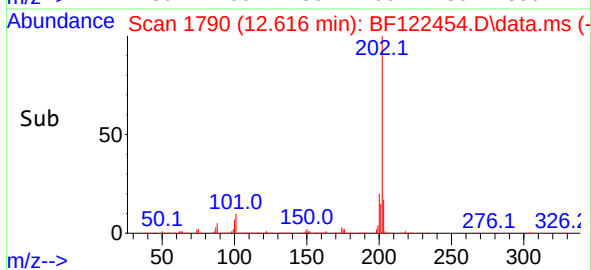
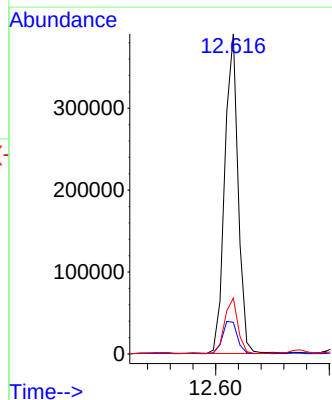
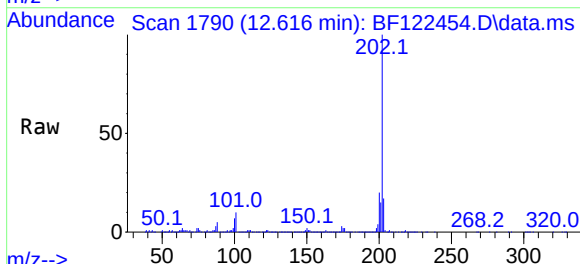
Instrument :
BNA_F
ClientSampled :
SB-02

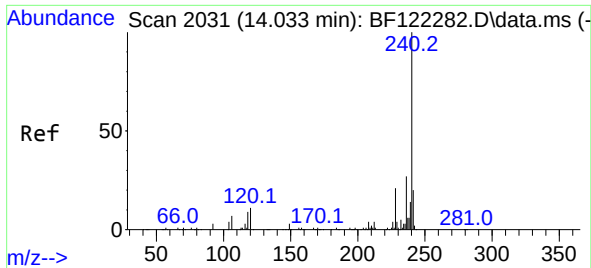
Tgt Ion:178 Resp: 142452
Ion Ratio Lower Upper
178 100
176 17.5 15.9 23.9
179 15.7 12.2 18.4



#75
Fluoranthene
Concen: 9.74 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:202 Resp: 320219
Ion Ratio Lower Upper
202 100
101 9.9 0.0 33.4
203 17.4 0.0 37.9



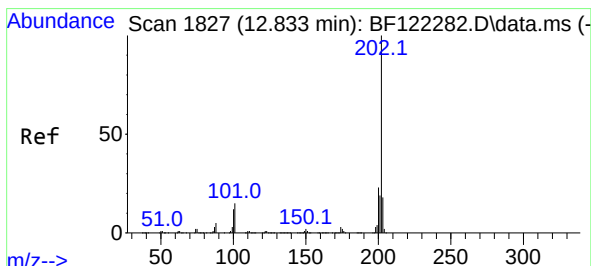
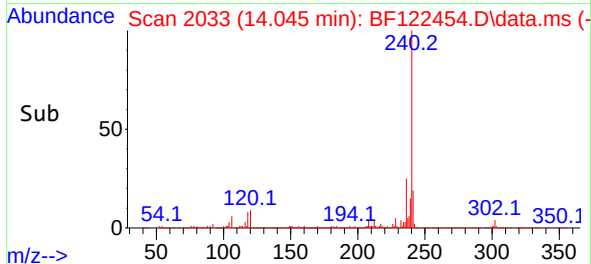
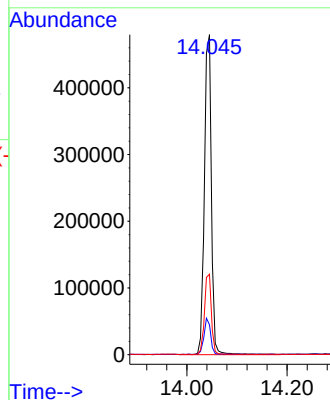
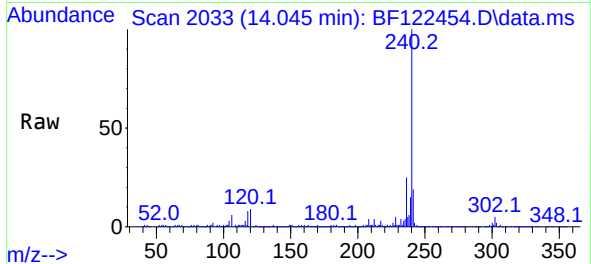


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion:240 Resp: 465607

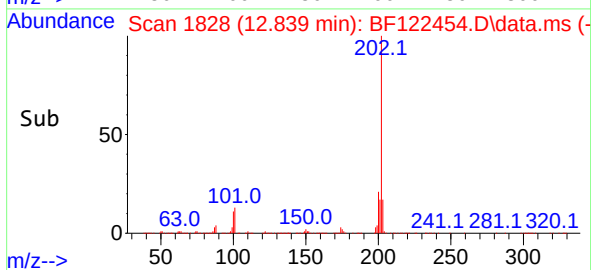
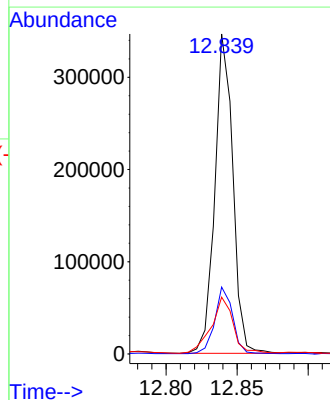
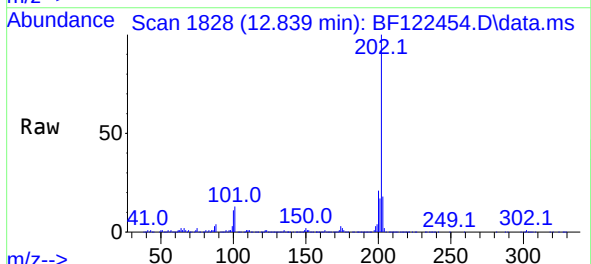
Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.2	13.8
236	25.2	20.9	31.3

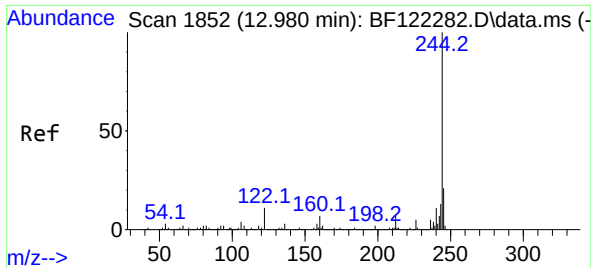


#78
Pyrene
Concen: 9.36 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:202 Resp: 306120

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.6	21.8

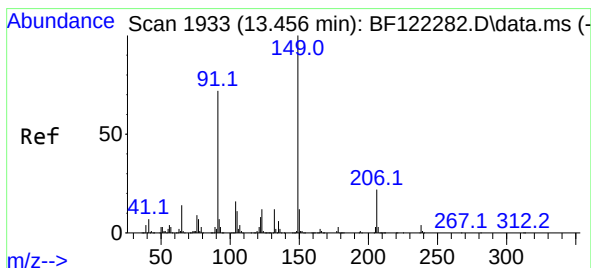
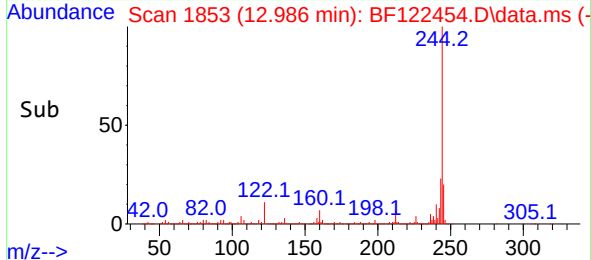
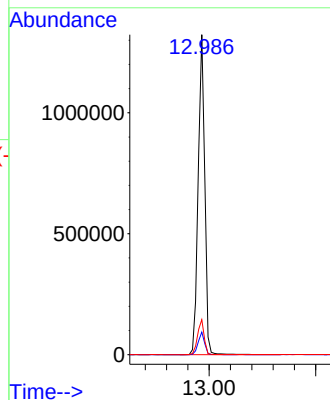
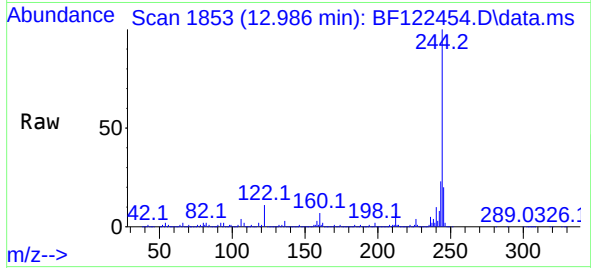




#79
Terphenyl-d14
Concen: 51.74 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

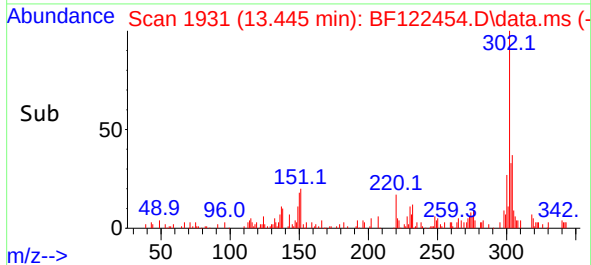
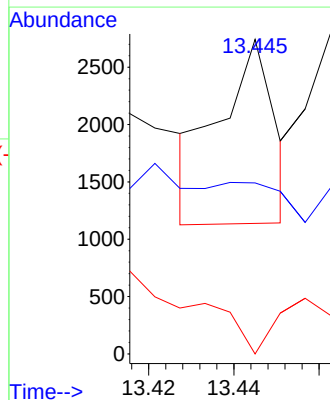
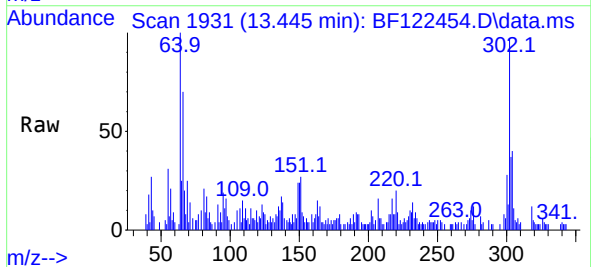
Instrument :
BNA_F
ClientSampleId :
SB-02

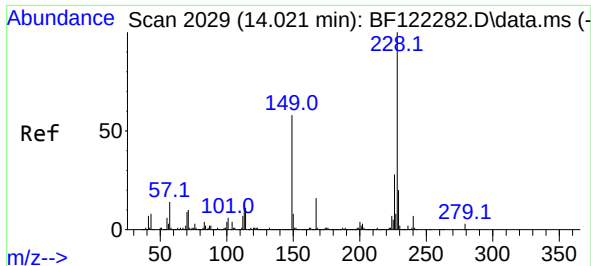
Tgt Ion:244 Resp: 1137147
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.39 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.024 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:149 Resp: 1449
Ion Ratio Lower Upper
149 100
91 54.4 61.0 91.4#
206 0.0 16.7 25.1#

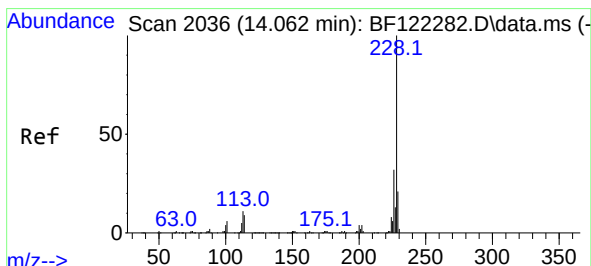
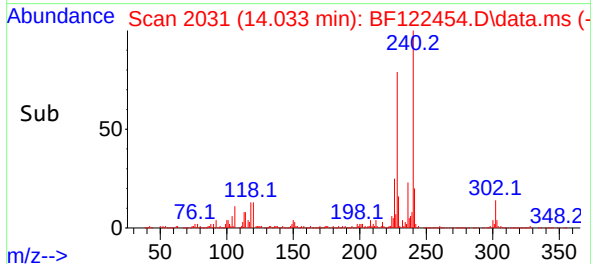
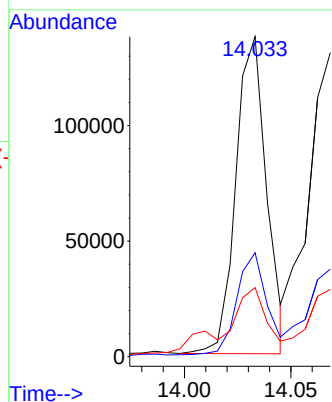
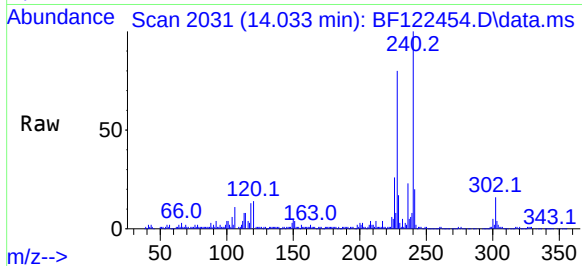




#81
Benzo(a)anthracene
Concen: 4.75 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

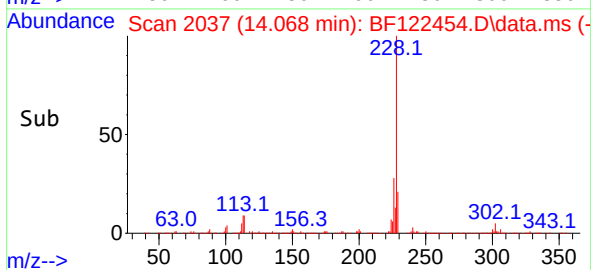
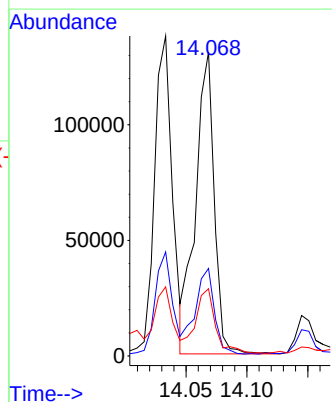
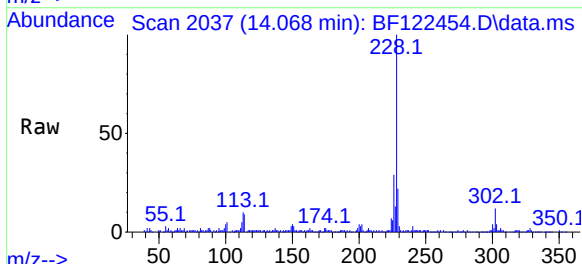
Instrument :
BNA_F
ClientSampled :
SB-02

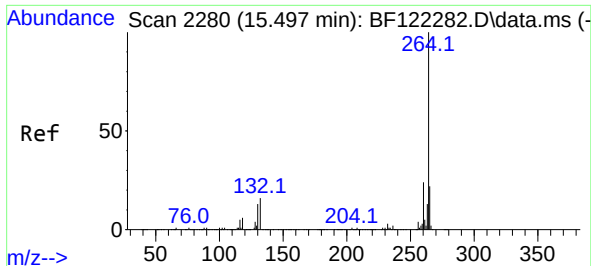
Tgt Ion:228 Resp: 137496
Ion Ratio Lower Upper
228 100
226 32.5 22.3 33.5
229 21.6 16.2 24.4



#83
Chrysene
Concen: 4.77 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:228 Resp: 139157
Ion Ratio Lower Upper
228 100
226 28.8 24.6 37.0
229 22.1 15.9 23.9

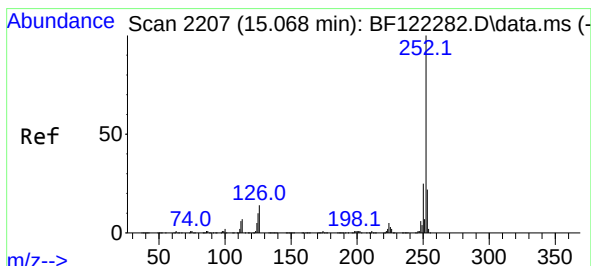
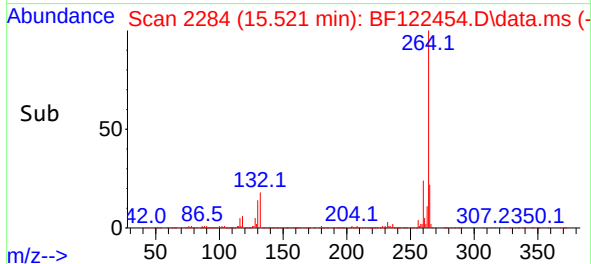
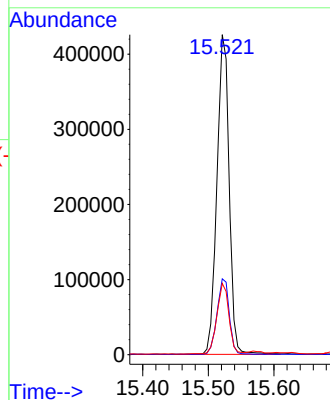
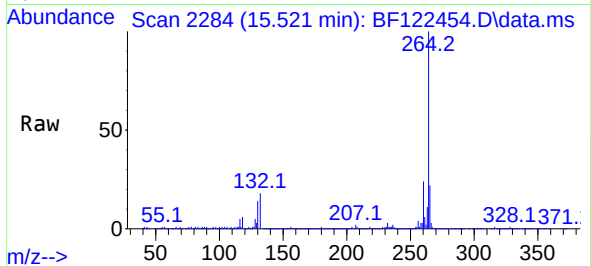




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

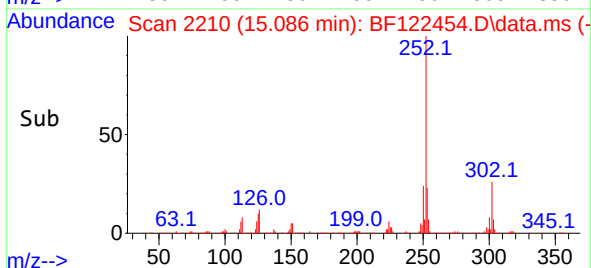
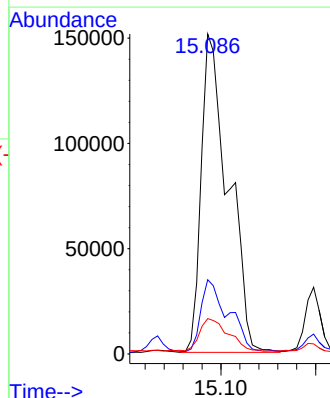
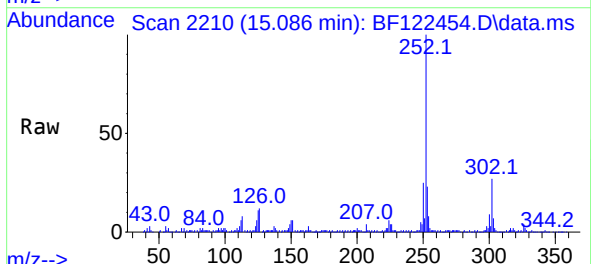
Instrument :
BNA_F
ClientSampled :
SB-02

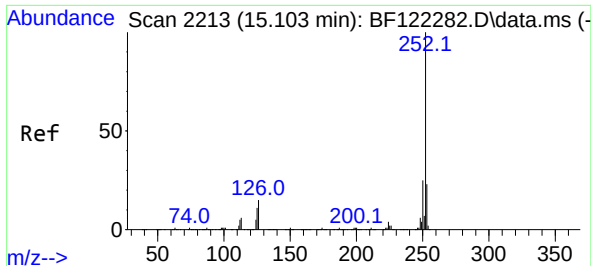
Tgt Ion:264 Resp: 549286
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.3 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 8.42 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:252 Resp: 299427
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 11.0 8.0 12.0

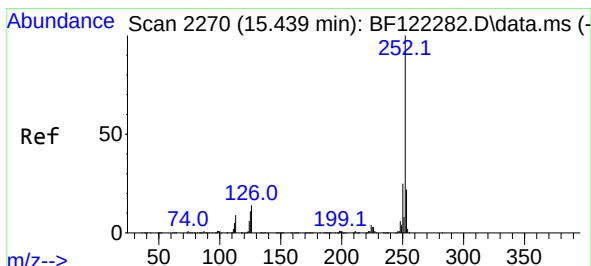
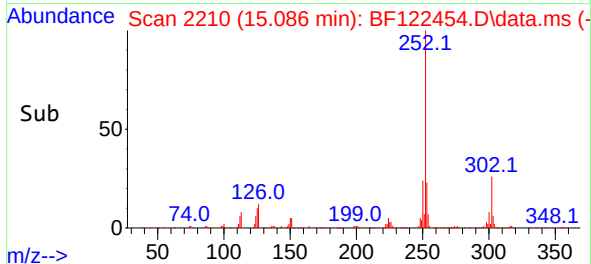
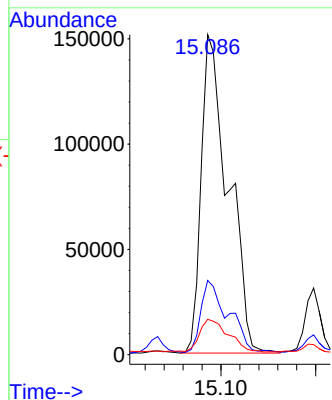
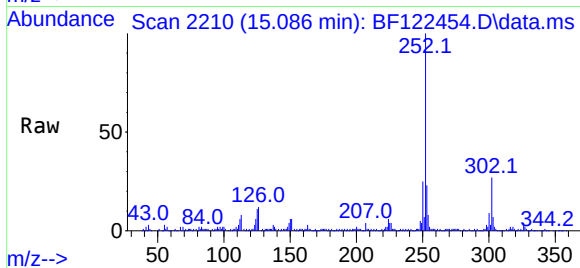




#89
Benzo(k)fluoranthene
Concen: 8.63 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.047 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

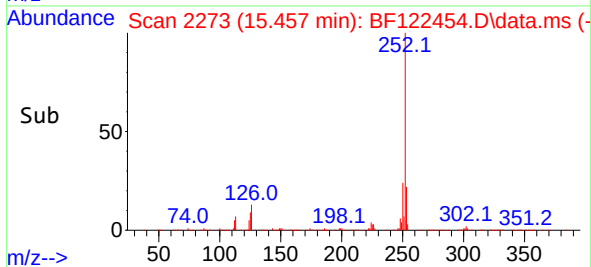
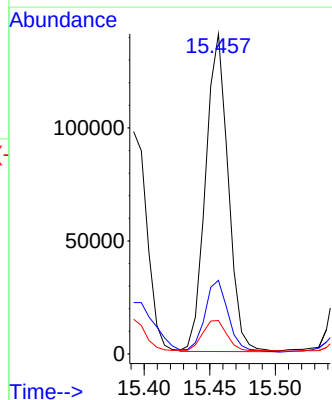
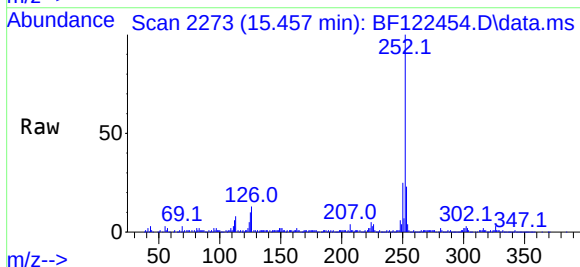
Instrument :
BNA_F
ClientSampled :
SB-02

Tgt Ion:252 Resp: 299427
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.0 7.7 11.5

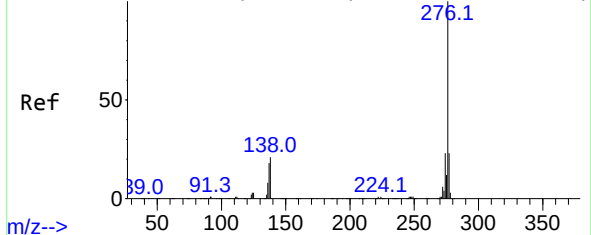


#90
Benzo(a)pyrene
Concen: 5.44 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:252 Resp: 168686
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.4 8.6 13.0



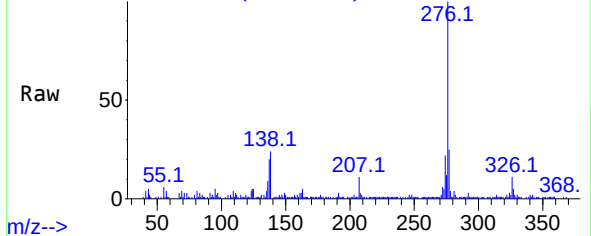
Abundance Scan 2604 (17.403 min): BF122282.D\data.ms (-



#92
Benzo(g,h,i)perylene
Concen: 4.46 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.035 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Instrument :
BNA_F
ClientSampleId :
SB-02

Abundance Scan 2609 (17.433 min): BF122454.D\data.ms



Tgt Ion:276 Resp: 119650
Ion Ratio Lower Upper
276 100
277 24.9 19.4 29.2
138 24.4 17.8 26.6

Abundance Scan 2609 (17.433 min): BF122454.D\data.ms (-

