

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122461.D
 Acq On : 23 Nov 2020 22:32
 Operator : JU/CG
 Sample : L4592-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-112020

Quant Time: Nov 24 00:28:44 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)

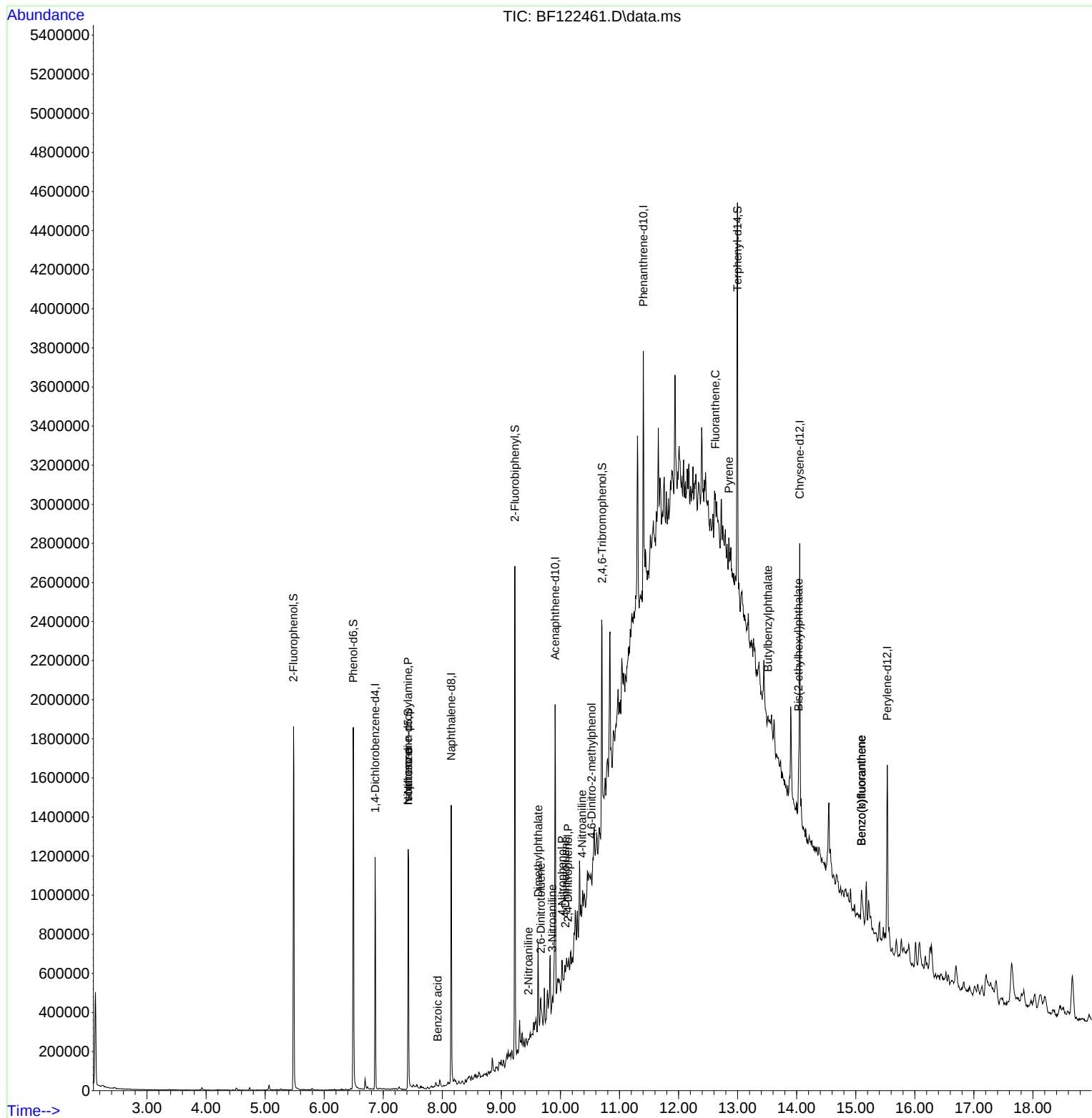
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	165765	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	585405	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	283742	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	437908	20.00	ng	0.00
76) Chrysene-d12	14.051	240	461264	20.00	ng	0.00
86) Perylene-d12	15.533	264	459735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	528577	48.96	ng	-0.01
7) Phenol-d6	6.492	99	646229	45.76	ng	-0.02
23) Nitrobenzene-d5	7.422	82	412671	43.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	154030	50.58	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	745054	41.03	ng	0.00
79) Terphenyl-d14	12.998	244	672189	30.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	703	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.422	70	55856	6.62	ng	# 75
25) Isophorone	7.422	82	412664	19.36	ng	# 67
32) Benzoic acid	7.922	122	108	7.98	ng	# 38
48) 2-Nitroaniline	9.457	65	1064	5.35	ng	# 74
50) Dimethylphthalate	9.622	163	101921	5.05	ng	# 96
51) 2,6-Dinitrotoluene	9.669	165	13267	6.54	ng	# 25
53) 3-Nitroaniline	9.863	138	2738	4.05	ng	# 20
54) 2,4-Dinitrophenol	10.127	184	249	6.58	ng	# 1
56) 4-Nitrophenol	10.027	139	1251	5.67	ng	# 1
57) 2,4-Dinitrotoluene	10.086	165	1316	4.93	ng	# 46
62) 4-Nitroaniline	10.369	138	6752	4.64	ng	# 88
65) 4,6-Dinitro-2-methylph...	10.527	198	1096	6.88	ng	# 1
75) Fluoranthene	12.621	202	70834	2.73	ng	# 90
78) Pyrene	12.851	202	70308	2.17	ng	# 92
80) Butylbenzylphthalate	13.515	149	2671	3.48	ng	# 57
84) Bis(2-ethylhexyl)phtha...	14.033	149	75836	4.85	ng	# 95
88) Benzo(b)fluoranthene	15.098	252	102443	3.44	ng	# 83
89) Benzo(k)fluoranthene	15.098	252	102443	3.53	ng	# 81

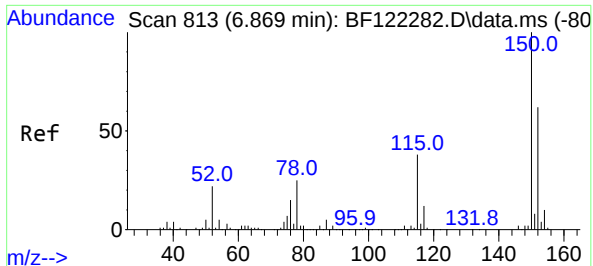
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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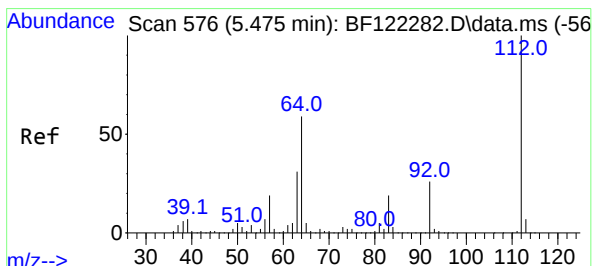
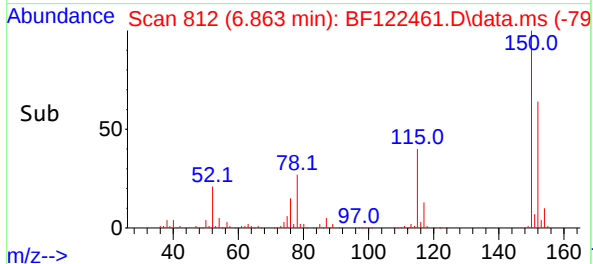
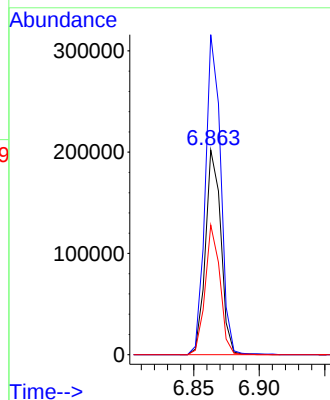
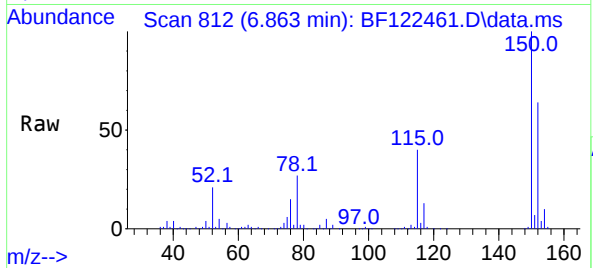




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

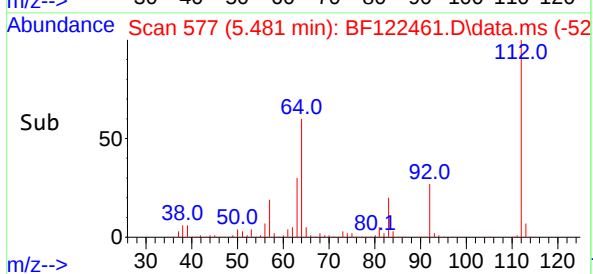
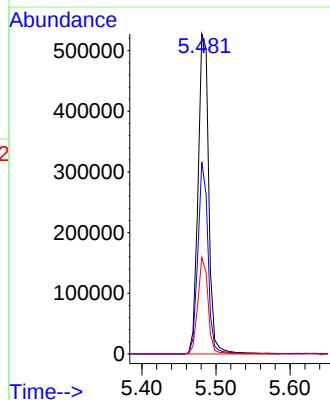
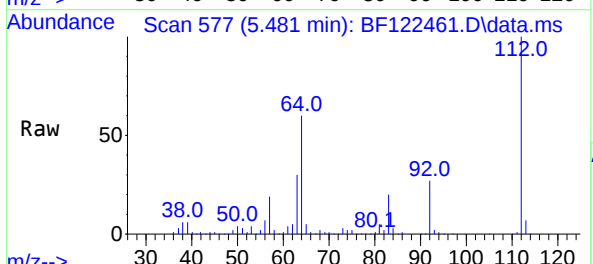
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

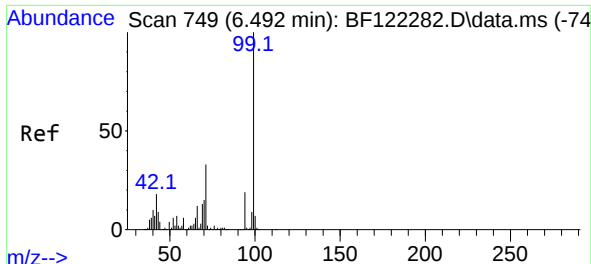
Tgt Ion:152 Resp: 165765
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 48.96 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:112 Resp: 528577
Ion Ratio Lower Upper
112 100
64 60.0 50.4 75.6
63 30.1 25.8 38.6

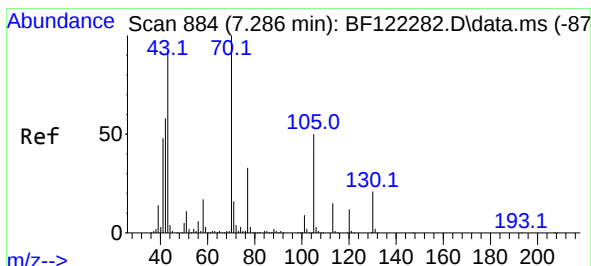
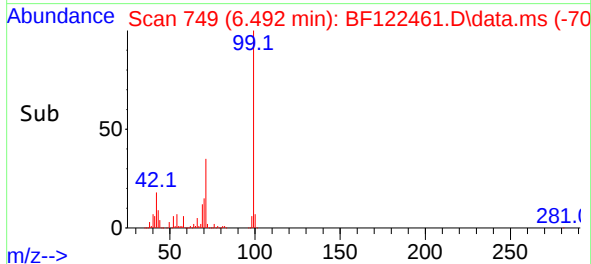
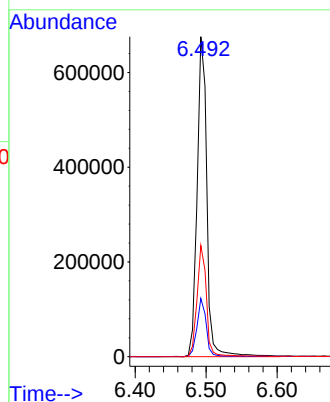
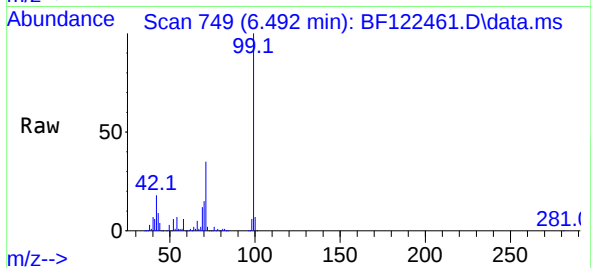




#7
Phenol-d6
Concen: 45.76 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

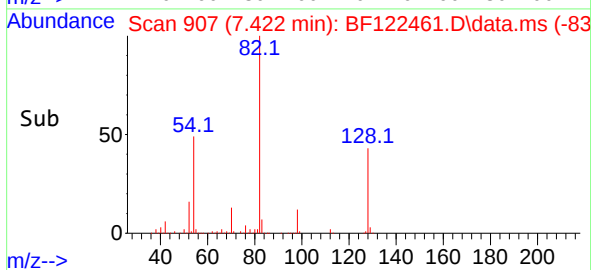
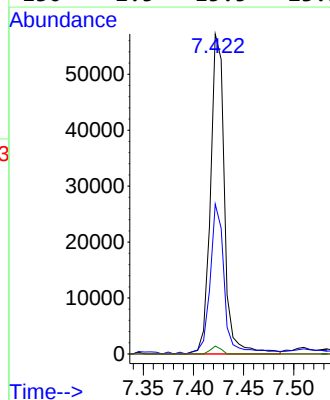
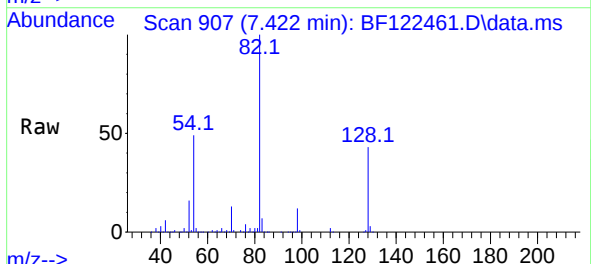
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

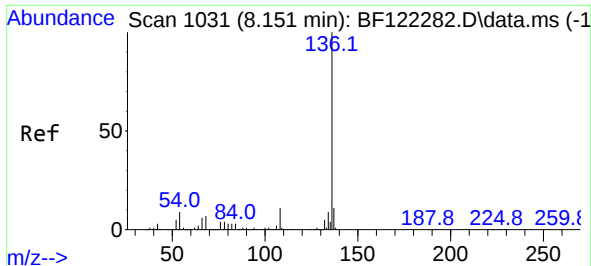
Tgt Ion: 99 Resp: 646229
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 34.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.62 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion: 70 Resp: 55856
Ion Ratio Lower Upper
70 100
42 46.8 50.2 75.4#
101 0.0 7.5 11.3#
130 2.5 15.5 23.3#



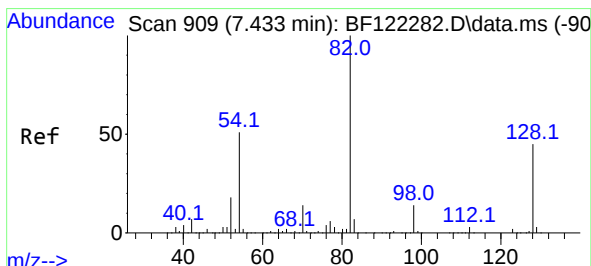
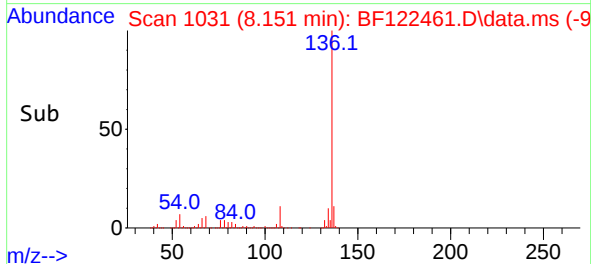
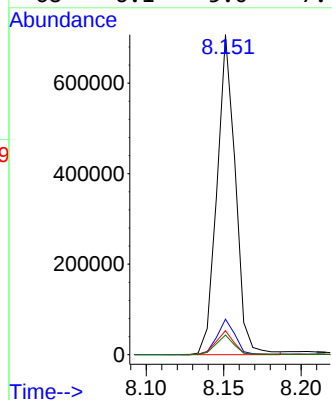
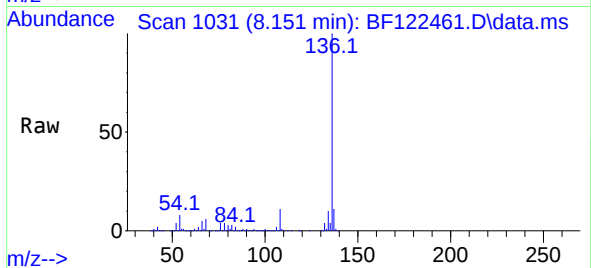


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Instrument :
BNA_F
ClientSampleId :
EO-01-112020

Tgt Ion:136 Resp: 585405

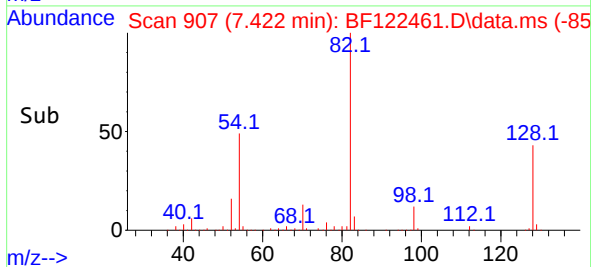
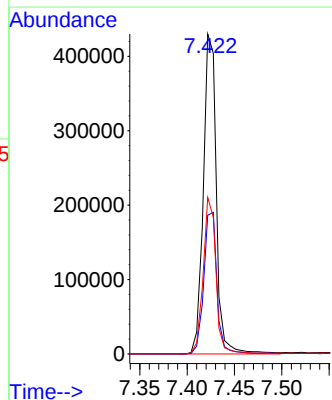
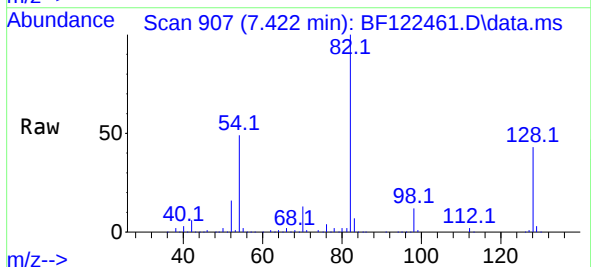
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.5	7.1	10.7
68	6.1	5.0	7.4

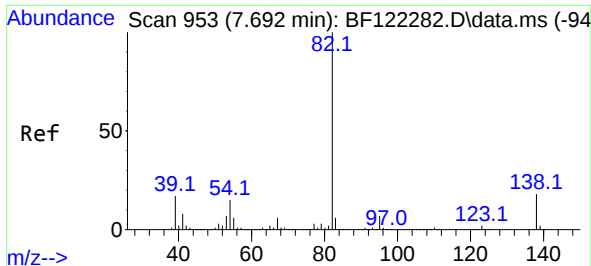


#23
Nitrobenzene-d5
Concen: 43.16 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion: 82 Resp: 412671

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.0	52.4
54	48.9	43.9	65.9

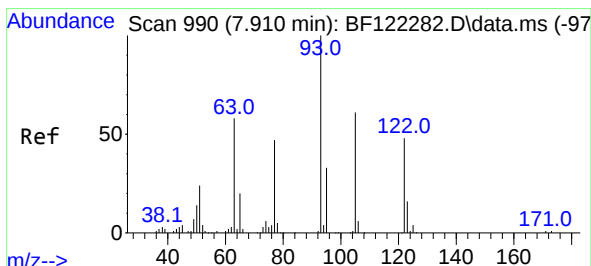
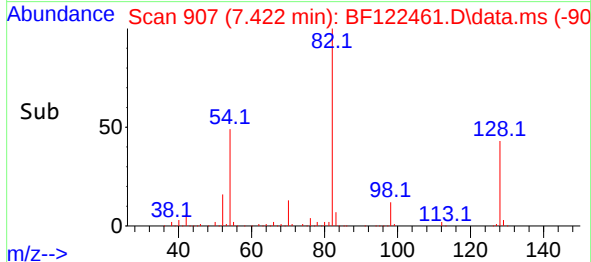
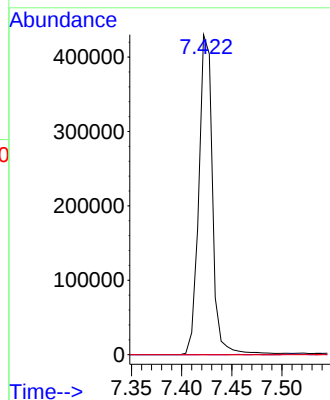
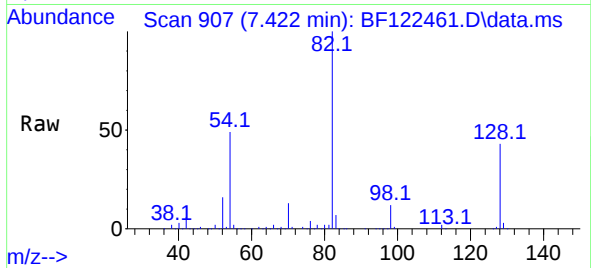




#25
Isophorone
Concen: 19.36 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

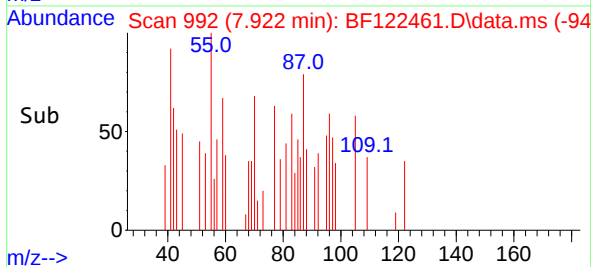
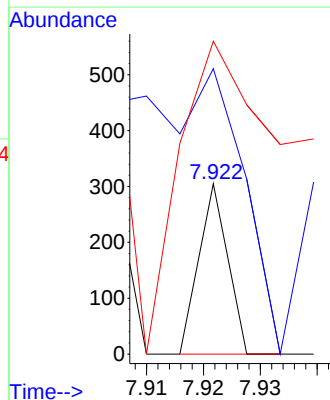
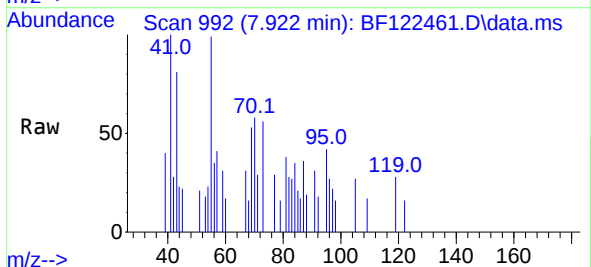
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

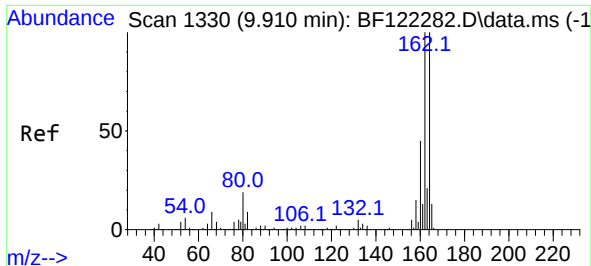
Tgt Ion: 82 Resp: 412664
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.98 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 167.5 103.3 143.3#
77 183.6 73.9 113.9#

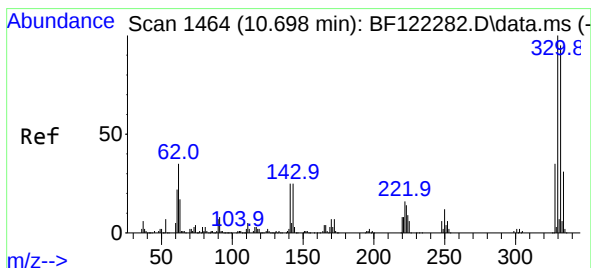
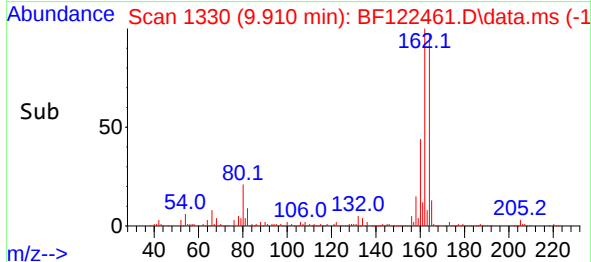
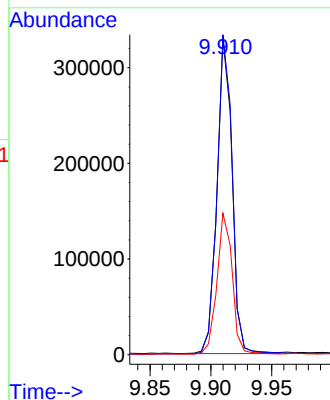
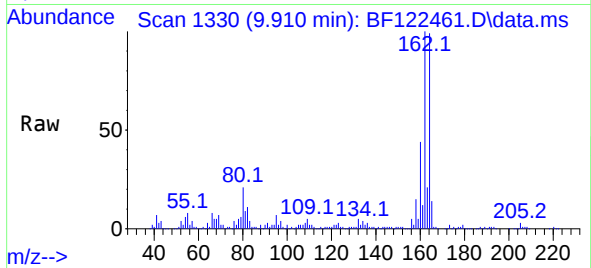




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

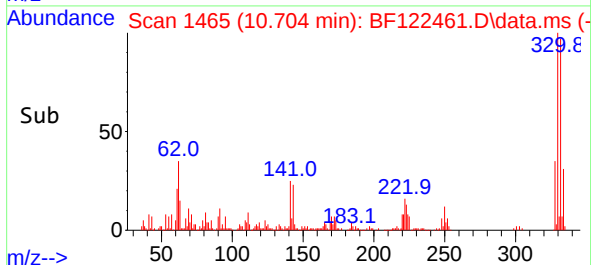
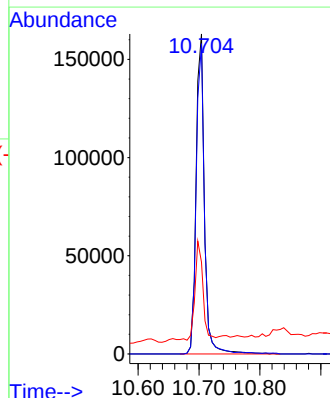
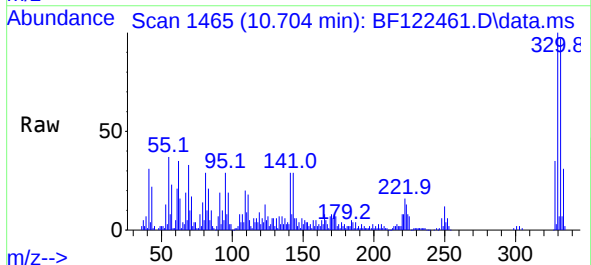
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ClientSampleId :
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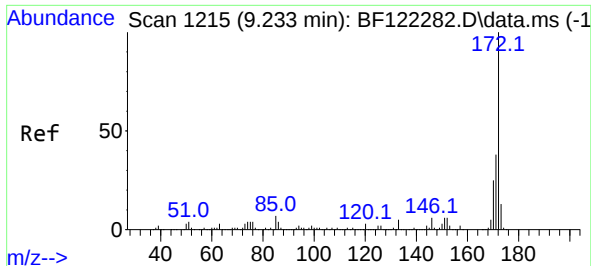
Tgt Ion:164 Resp: 283742
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 44.8 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 50.58 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:330 Resp: 154030
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 28.5 22.3 33.5

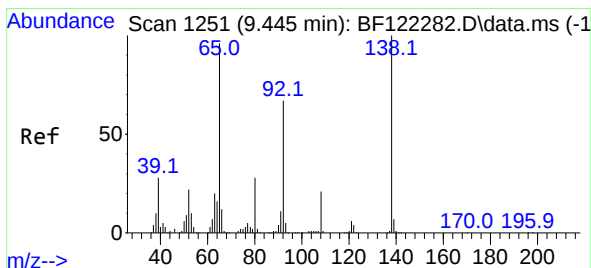
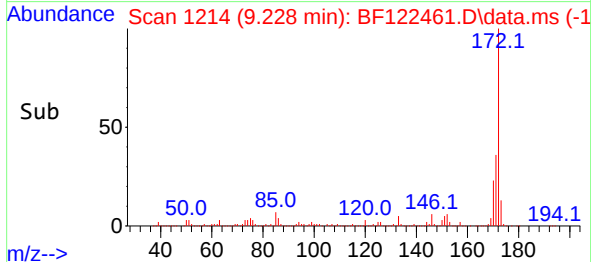
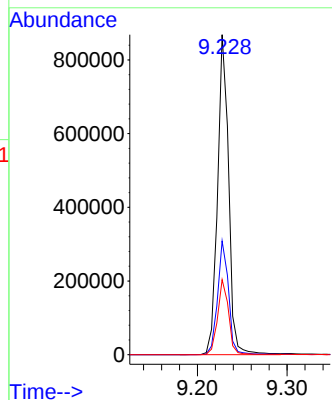
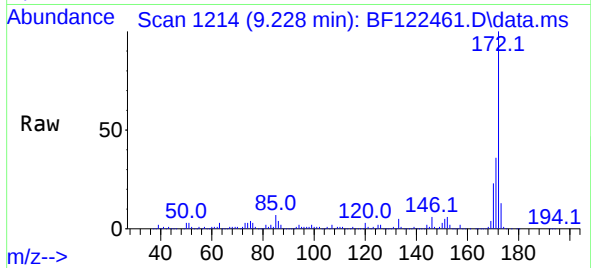




#45
2-Fluorobiphenyl
Concen: 41.03 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

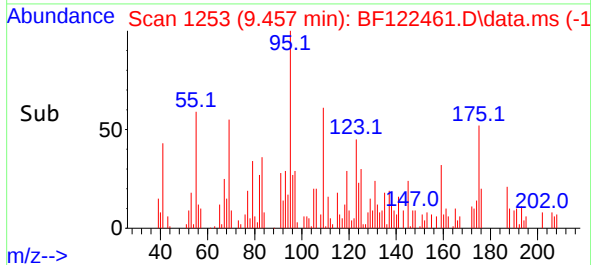
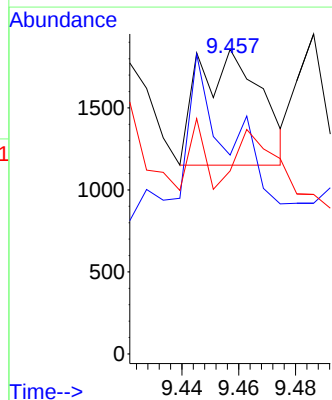
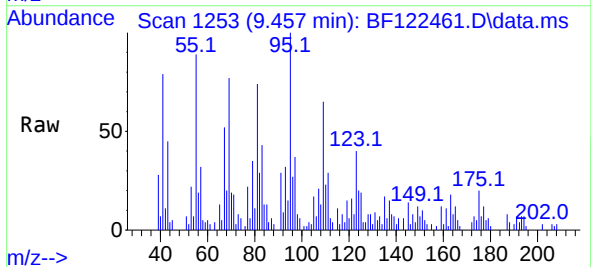
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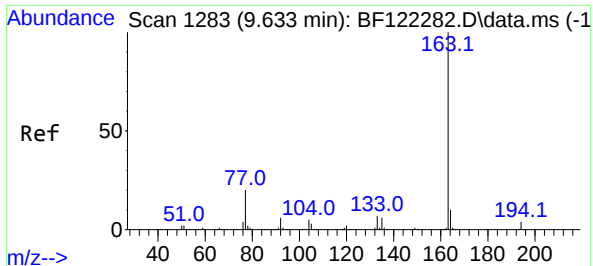
Tgt Ion:172 Resp: 745054
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.4 19.8 29.6



#48
2-Nitroaniline
Concen: 5.35 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion: 65 Resp: 1064
Ion Ratio Lower Upper
65 100
92 65.3 55.1 82.7
138 60.1 80.5 120.7#

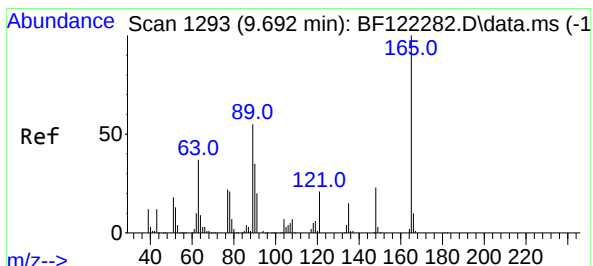
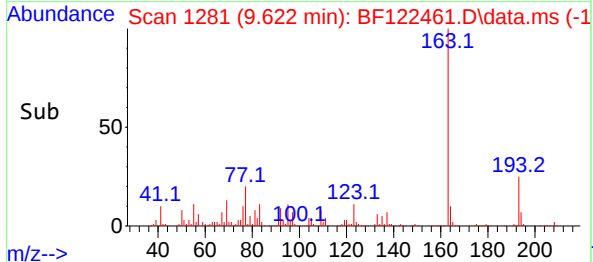
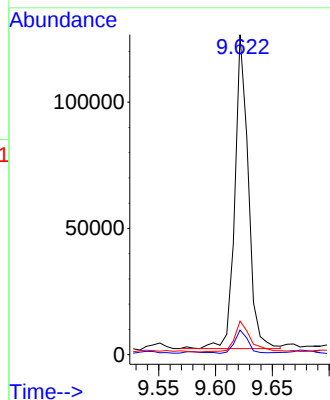
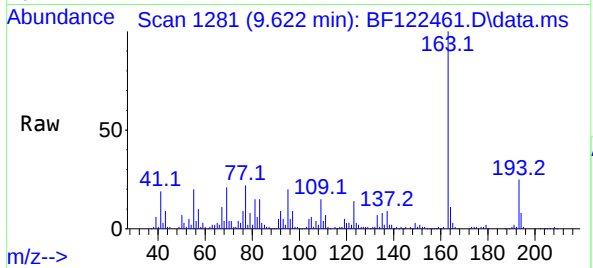




#50
Dimethylphthalate
Concen: 5.05 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

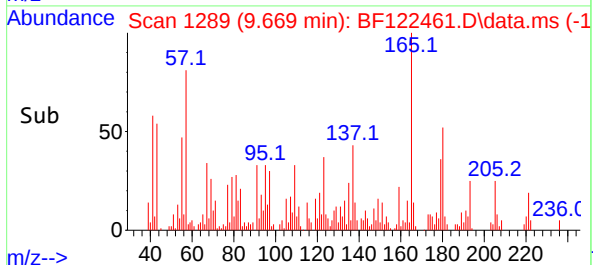
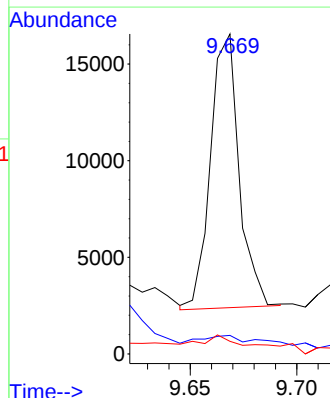
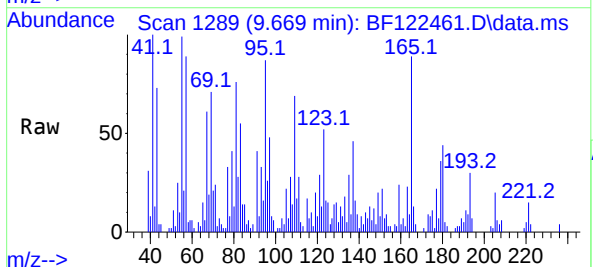
Instrument :
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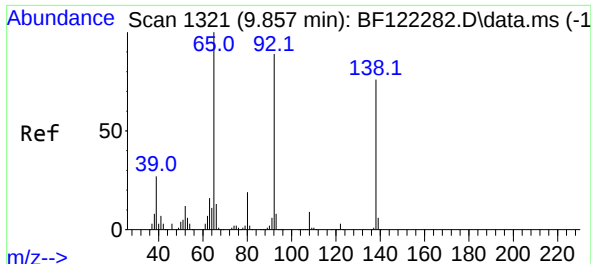
Tgt Ion:163 Resp: 101921
Ion Ratio Lower Upper
163 100
194 7.7 3.3 4.9#
164 10.5 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 6.54 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.030 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:165 Resp: 13267
Ion Ratio Lower Upper
165 100
63 5.8 51.8 77.6#
89 3.9 49.0 73.6#

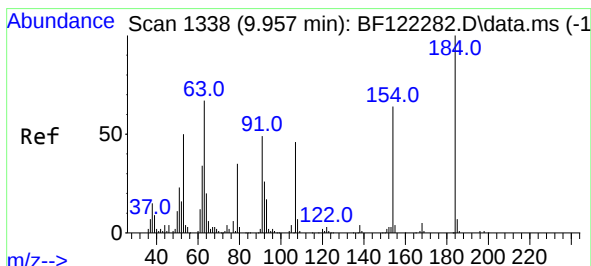
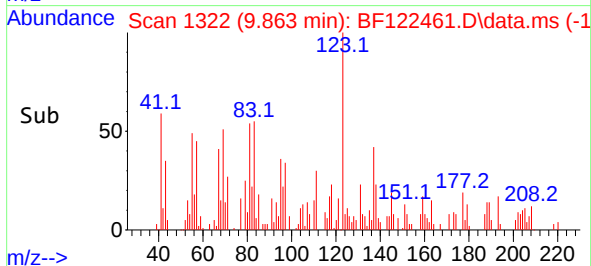
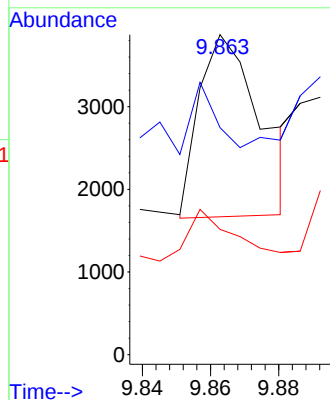
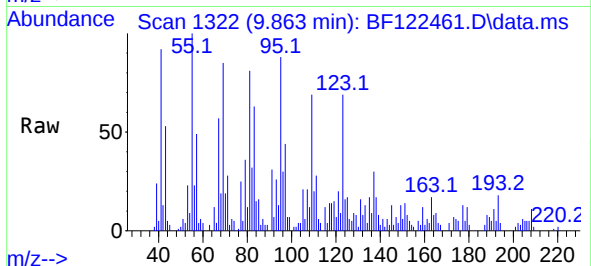




#53
3-Nitroaniline
Concen: 4.05 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

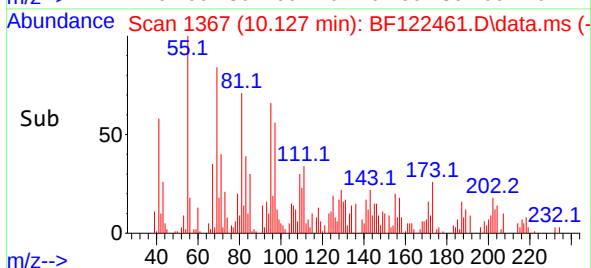
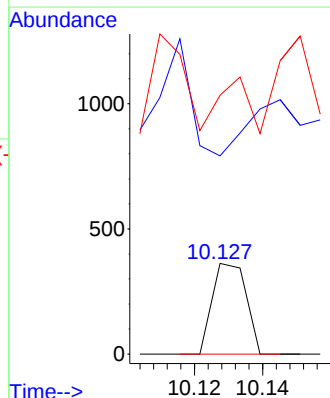
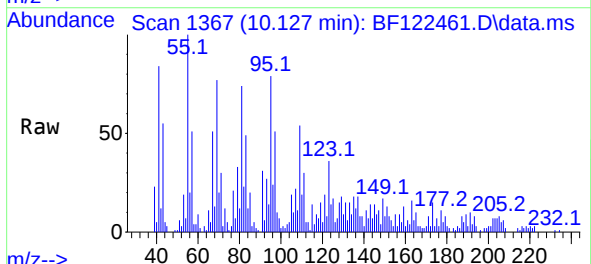
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

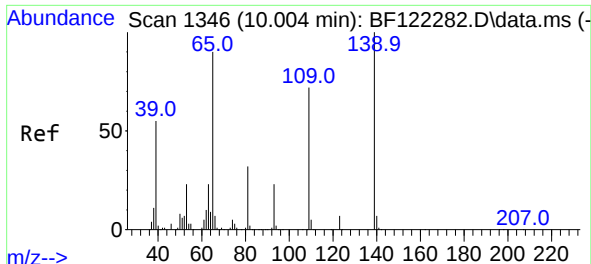
Tgt Ion:138 Resp: 2738
Ion Ratio Lower Upper
138 100
108 70.9 8.6 13.0#
92 39.2 96.6 144.8#



#54
2,4-Dinitrophenol
Concen: 6.58 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.159 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:184 Resp: 249
Ion Ratio Lower Upper
184 100
63 218.8 45.9 68.9#
154 285.6 45.8 68.6#

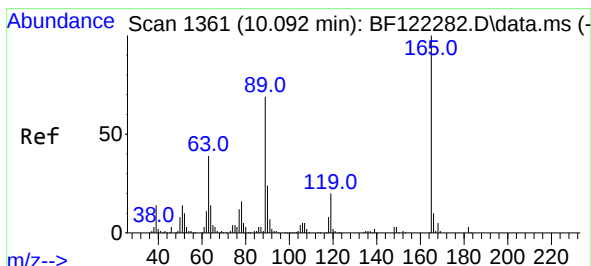
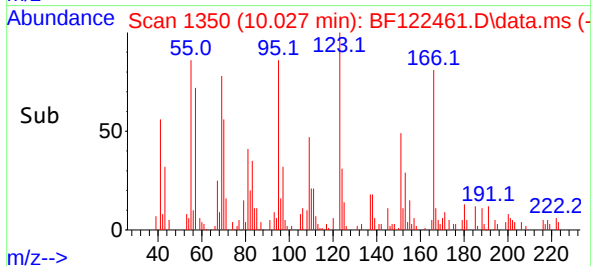
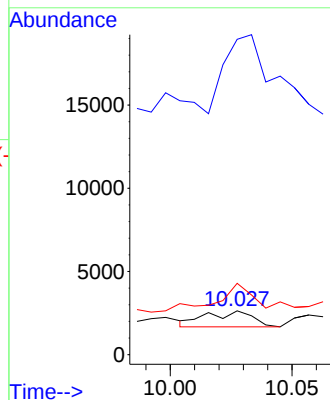
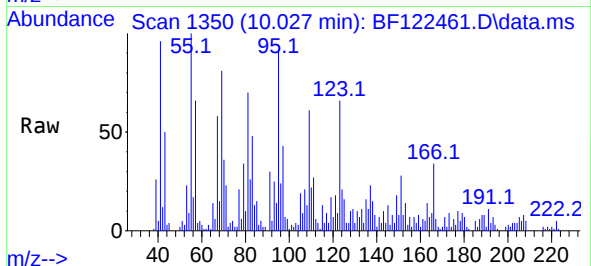




#56
4-Nitrophenol
Concen: 5.67 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

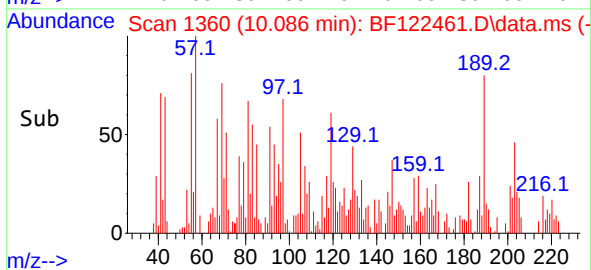
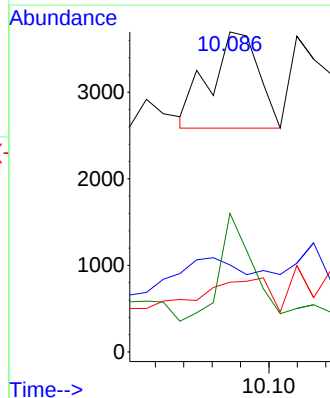
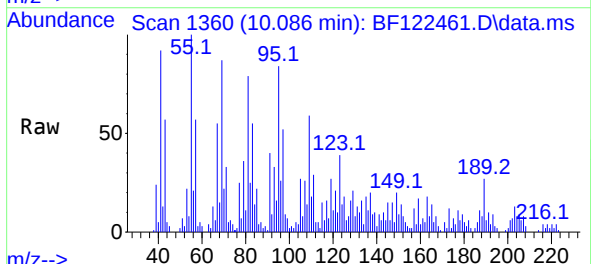
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

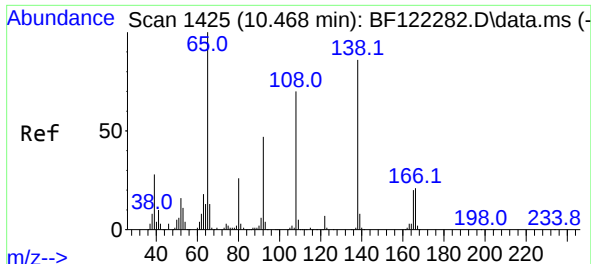
Tgt Ion:139 Resp: 1251
Ion Ratio Lower Upper
139 100
109 719.5 45.4 85.4#
65 162.9 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 4.93 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:165 Resp: 1316
Ion Ratio Lower Upper
165 100
63 27.2 41.3 61.9#
89 21.8 61.8 92.8#
182 43.3 2.1 3.1#

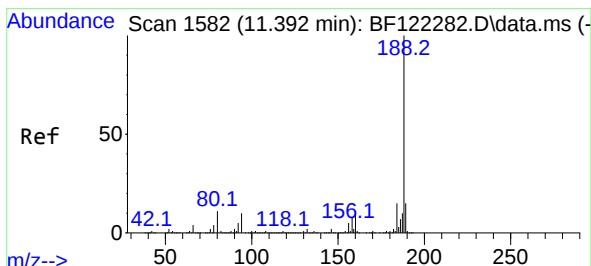
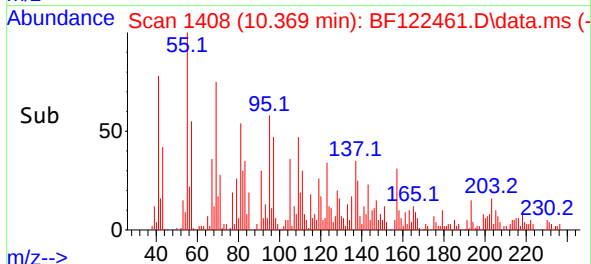
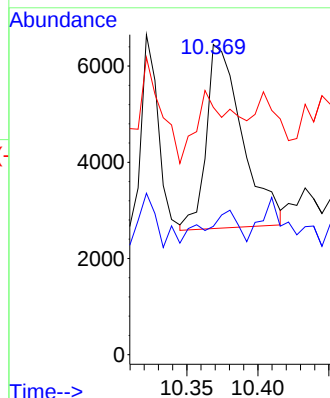
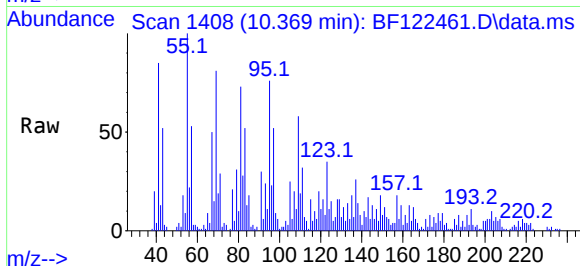




#62
4-Nitroaniline
Concen: 4.64 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.118 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

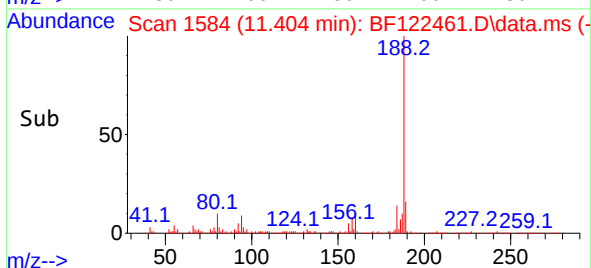
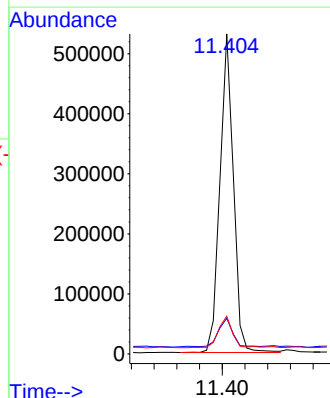
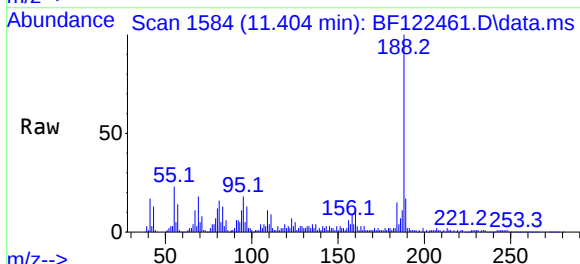
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

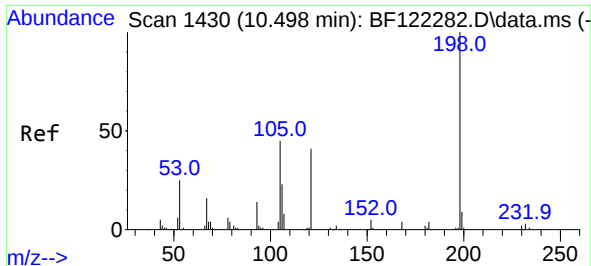
Tgt Ion:138 Resp: 6752
Ion Ratio Lower Upper
138 100
92 41.4 31.0 71.0
108 79.7 51.5 91.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:188 Resp: 437908
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 11.8 9.1 13.7

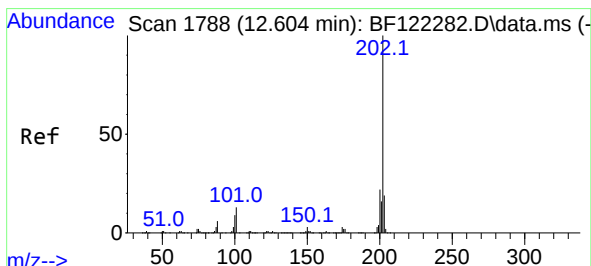
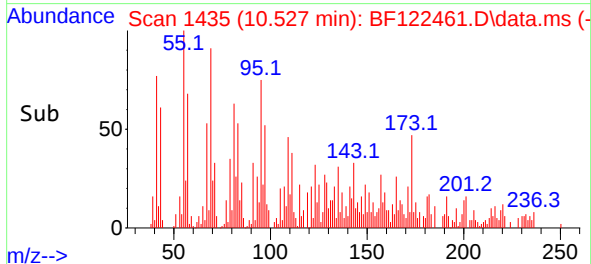
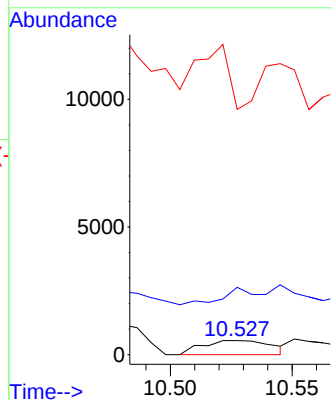
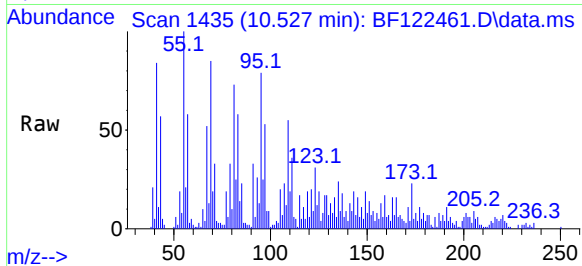




#65
4,6-Dinitro-2-methylphenol
Concen: 6.88 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.018 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

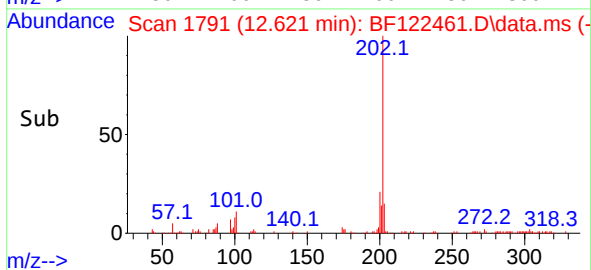
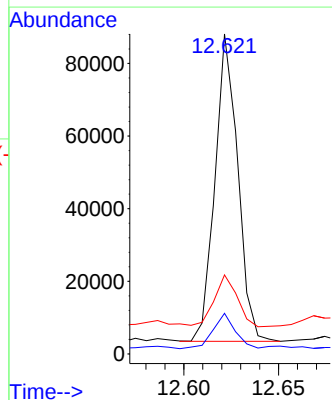
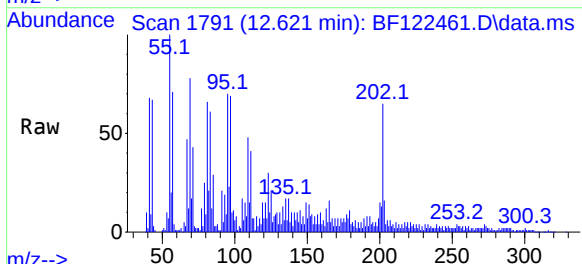
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

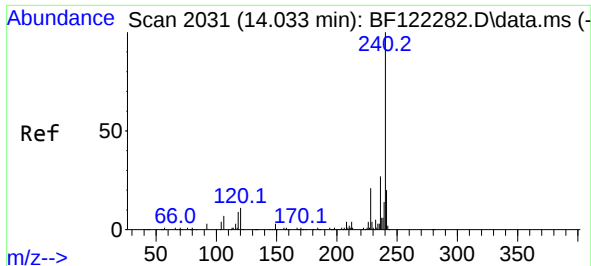
Tgt Ion:198 Resp: 1096
Ion Ratio Lower Upper
198 100
51 477.4 29.6 69.6#
105 1737.4 24.4 64.4#



#75
Fluoranthene
Concen: 2.73 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:202 Resp: 70834
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.4
203 24.7 0.0 37.9

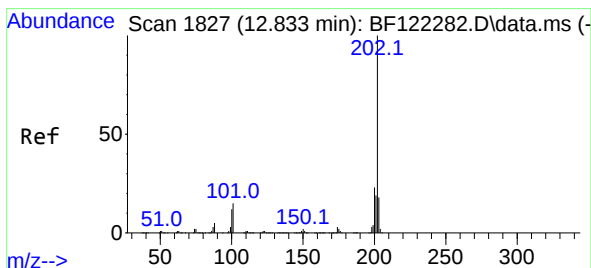
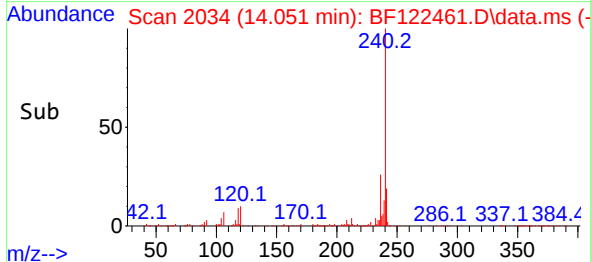
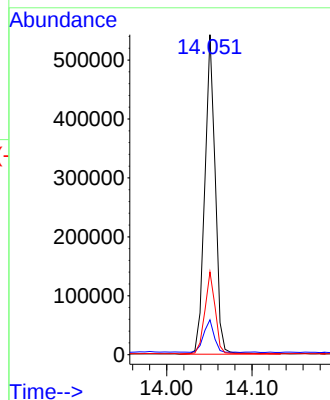
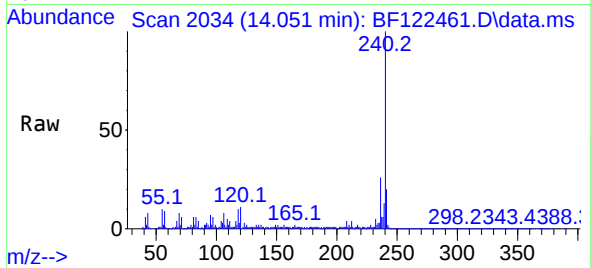




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

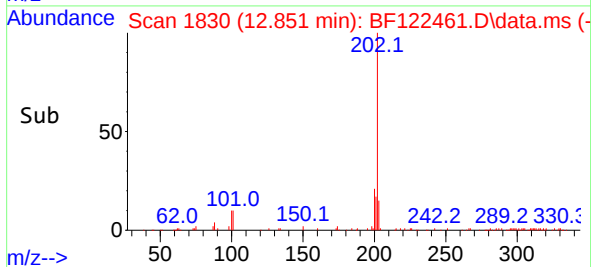
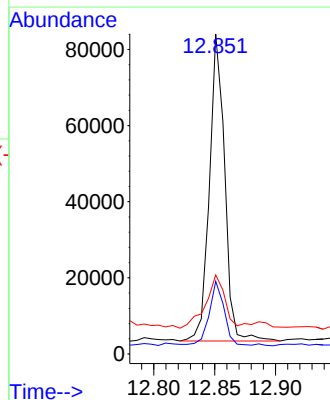
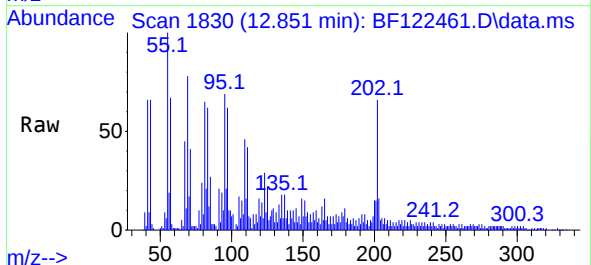
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

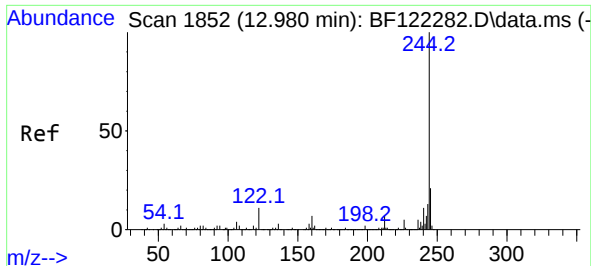
Tgt Ion:240 Resp: 461264
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.8 20.9 31.3



#78
Pyrene
Concen: 2.17 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:202 Resp: 70308
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.2
203 24.7 14.6 21.8#

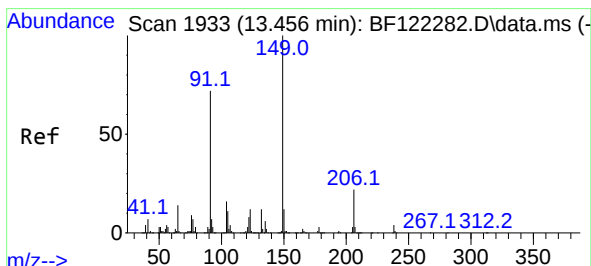
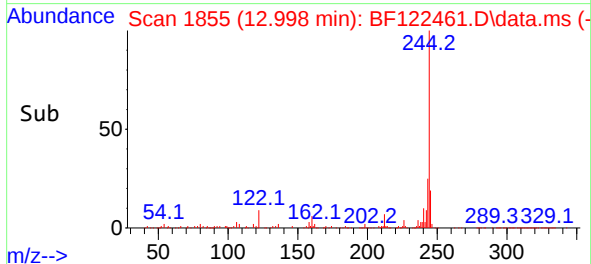
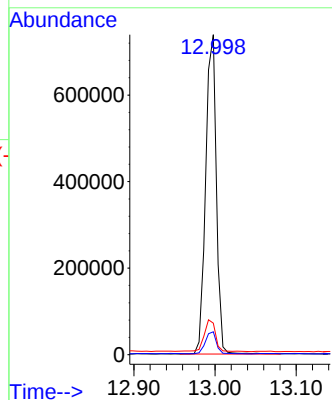
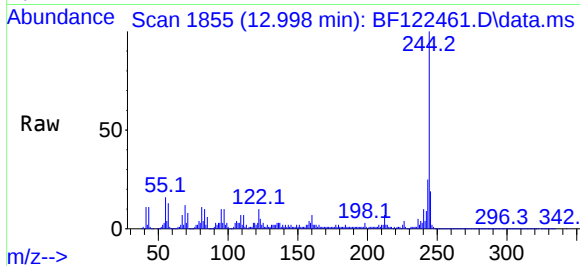




#79
Terphenyl-d14
Concen: 30.87 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

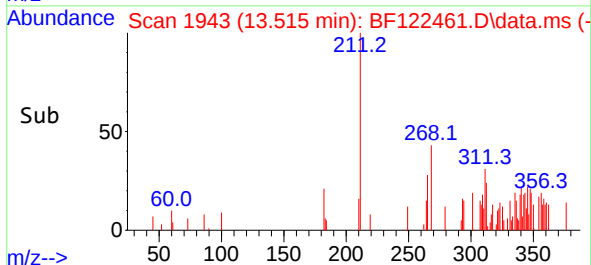
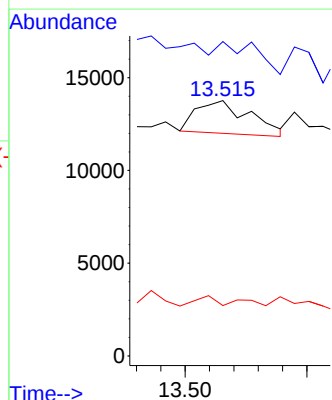
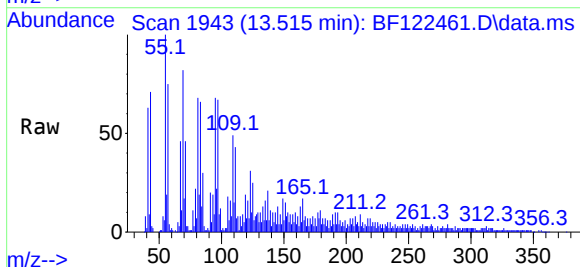
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

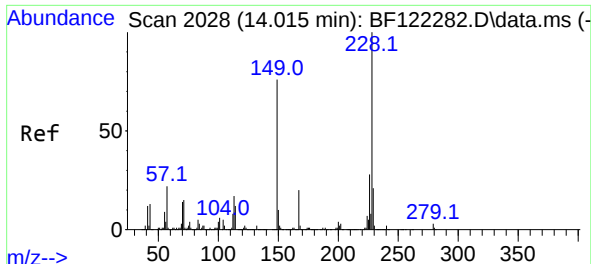
Tgt Ion:244 Resp: 672189
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.48 ng
RT: 13.515 min Scan# 1943
Delta R.T. 0.047 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:149 Resp: 2671
Ion Ratio Lower Upper
149 100
91 123.1 61.0 91.4#
206 19.8 16.7 25.1

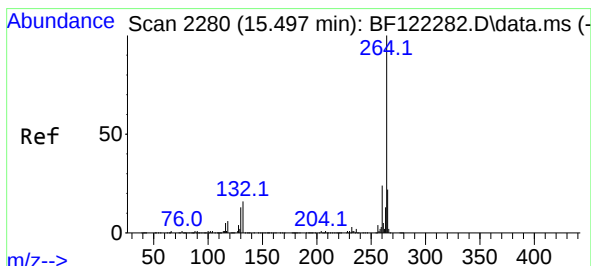
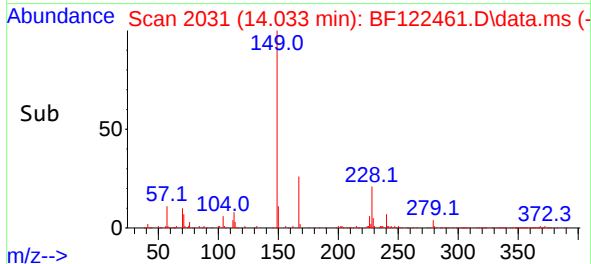
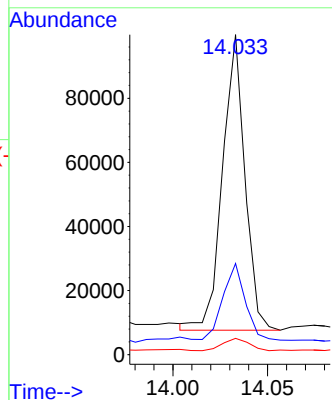
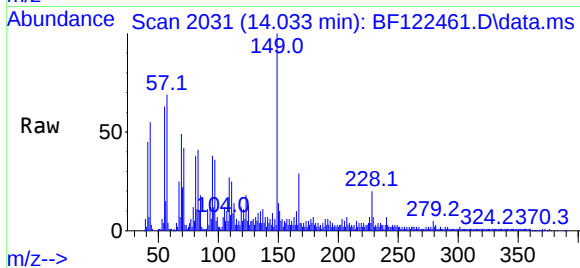




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.85 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

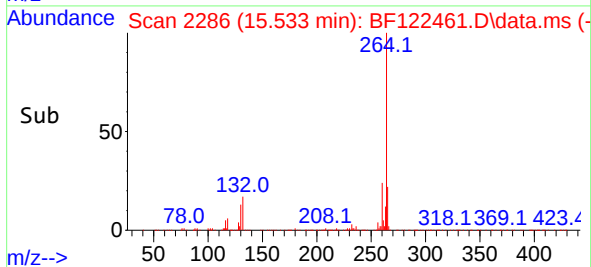
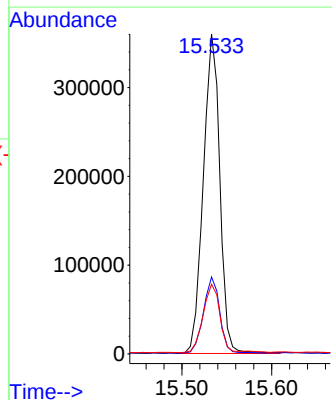
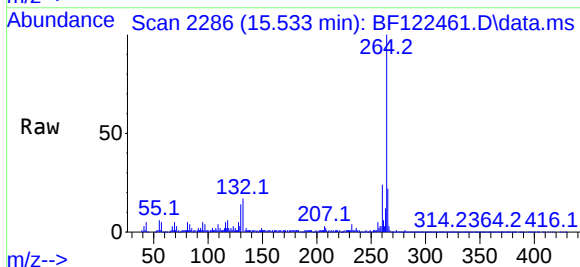
Instrument :
BNA_F
ClientSampleId :
EO-01-112020

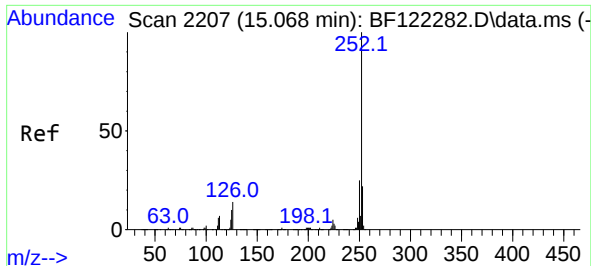
Tgt Ion:	149	Resp:	75836
Ion Ratio	Lower	Upper	
149	100		
167	28.5	20.9	31.3
279	5.1	3.2	4.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:	264	Resp:	459735
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.7	28.1
265	21.8	17.3	25.9

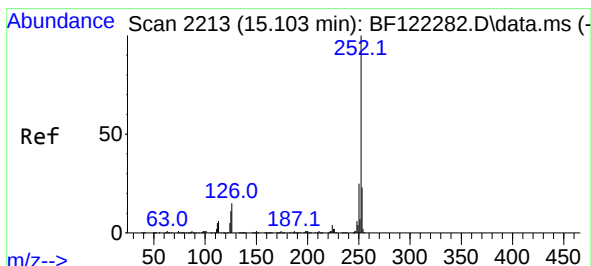
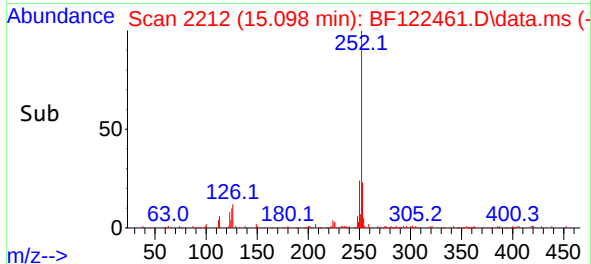
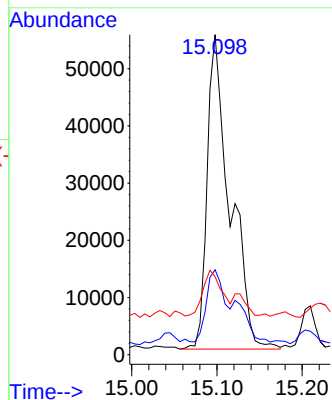
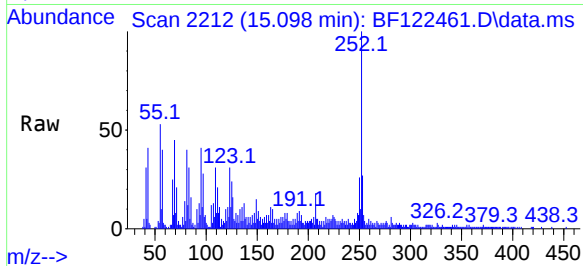




#88
Benzo(b)fluoranthene
Concen: 3.44 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Instrument :
BNA_F
ClientSampleId :
EO-01-112020

Tgt Ion:252 Resp: 102443
Ion Ratio Lower Upper
252 100
253 26.5 18.2 27.2
125 24.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.53 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.035 min
Lab File: BF122461.D
Acq: 23 Nov 2020 22:32

Tgt Ion:252 Resp: 102443
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.6
125 24.4 7.7 11.5#

