

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122418.D
 Acq On : 20 Nov 2020 22:57
 Operator : JU/CG
 Sample : L4829-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Nov 20 23:55:30 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)

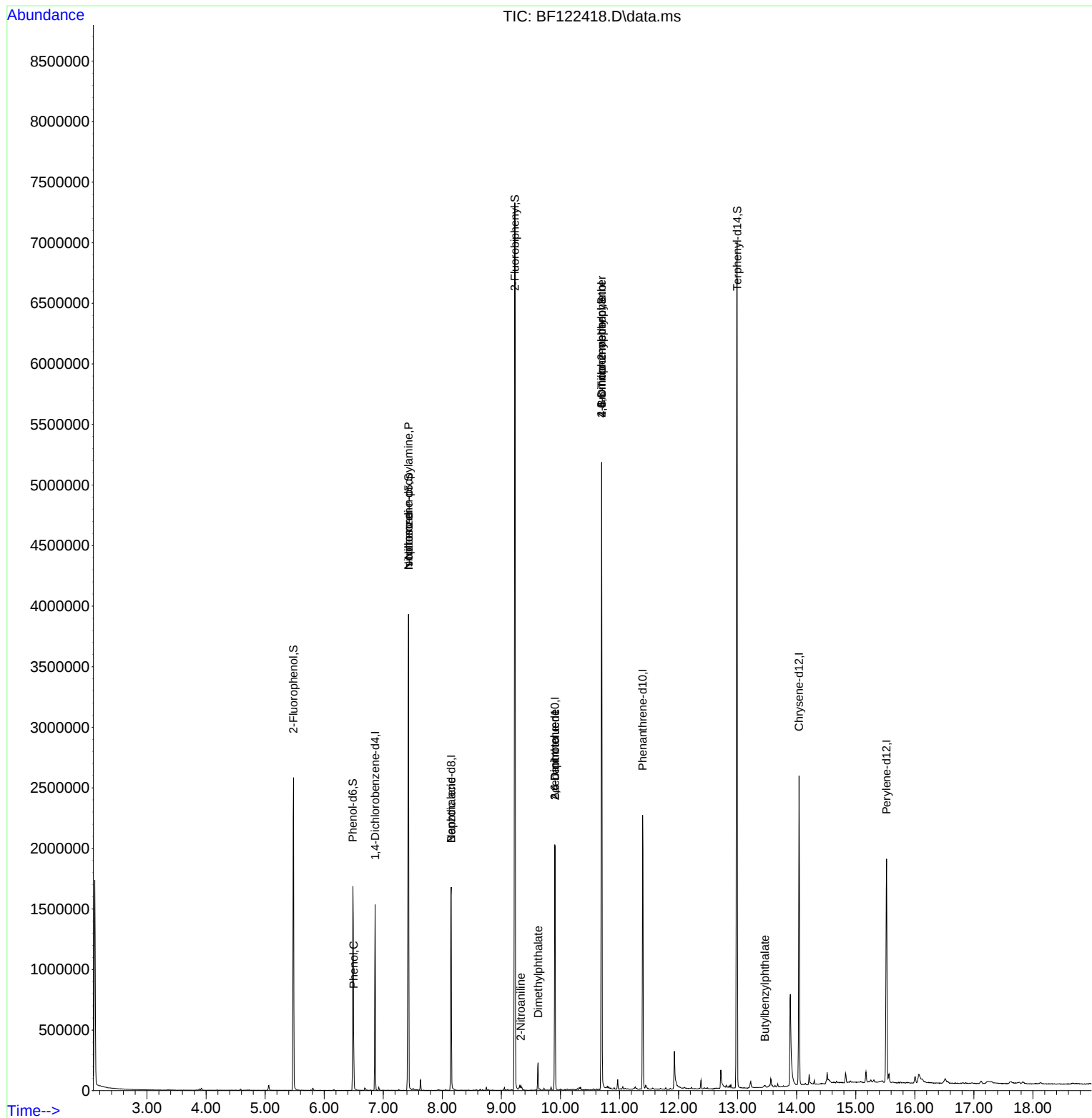
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	207539	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	804500	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	433137	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	836813	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	838349	20.00	ng	-0.01
86) Perylene-d12	15.521	264	858500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	710557	52.57	ng	-0.01
7) Phenol-d6	6.487	99	545032	30.82	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1319187	100.39	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	696771	149.88	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2352807	84.87	ng	0.00
79) Terphenyl-d14	12.992	244	2550075	64.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	109	Below Cal	#	3
10) Phenol	6.498	94	74774	4.29	ng	80
19) n-Nitroso-di-n-propyla...	7.428	70	179373	16.98	ng	# 74
25) Isophorone	7.428	82	1310122	44.72	ng	# 67
32) Benzoic acid	8.151	122	130	7.97	ng	# 1
48) 2-Nitroaniline	9.328	65	602	5.23	ng	# 6
50) Dimethylphthalate	9.622	163	94179	3.06	ng	97
51) 2,6-Dinitrotoluene	9.904	165	56665	11.43	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	56665	10.64	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1562	6.69	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	43479	4.42	ng	# 1
80) Butylbenzylphthalate	13.463	149	808	3.32	ng	# 41

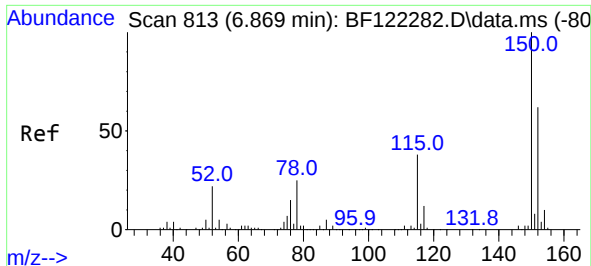
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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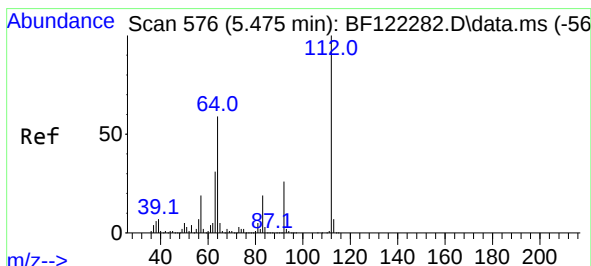
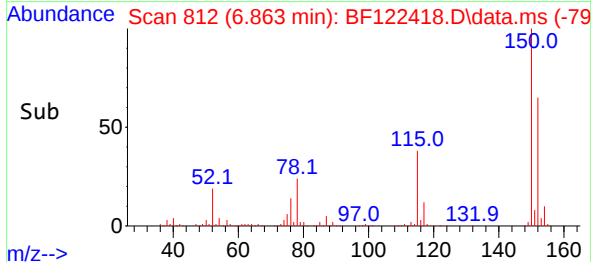
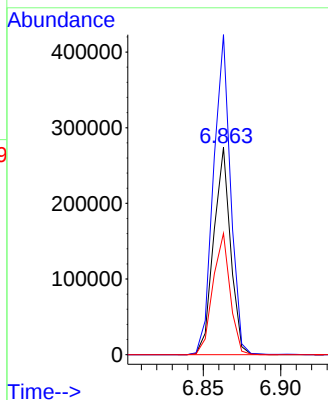
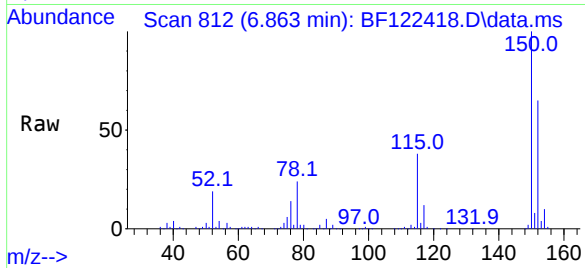




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

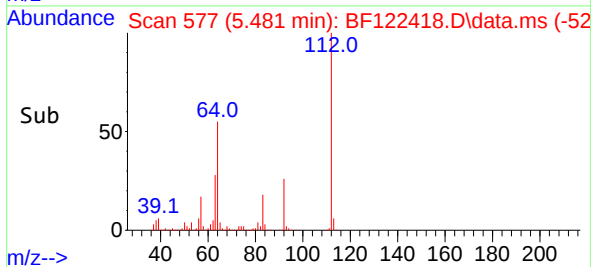
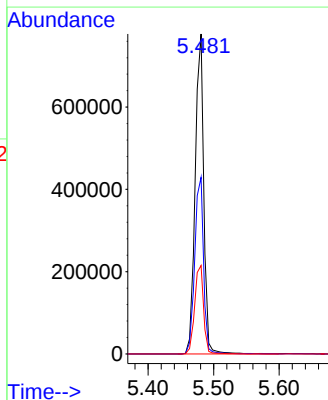
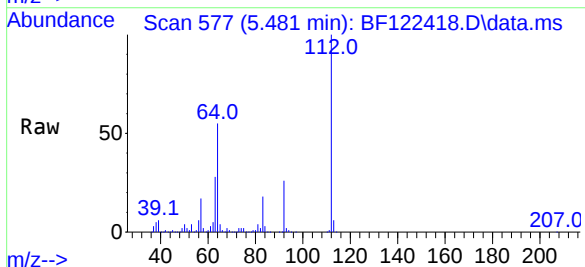
Instrument :
BNA_F
ClientSampleId :
MW-7

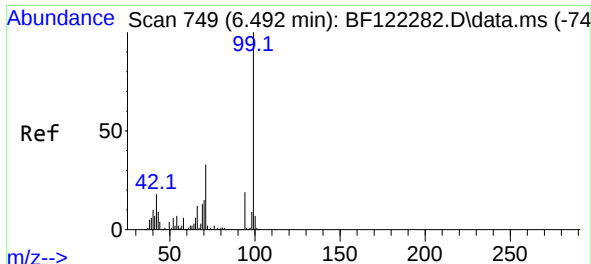
Tgt Ion:152 Resp: 207539
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 58.5 51.9 77.9



#5
2-Fluorophenol
Concen: 52.57 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:112 Resp: 710557
Ion Ratio Lower Upper
112 100
64 55.2 50.4 75.6
63 27.7 25.8 38.6

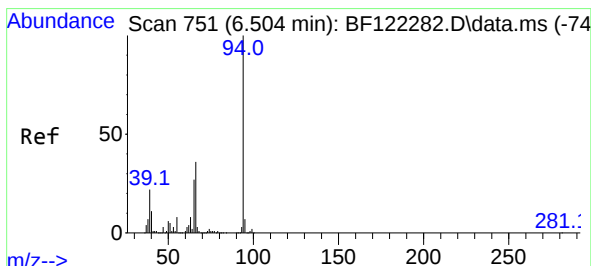
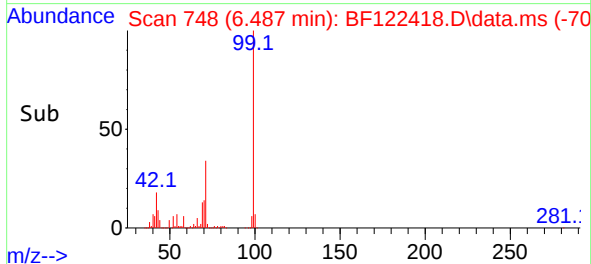
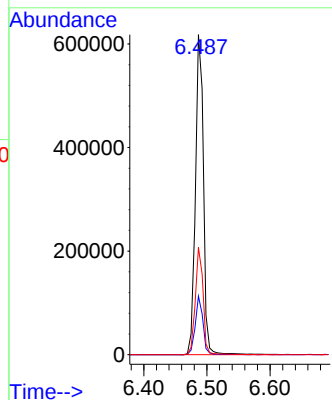
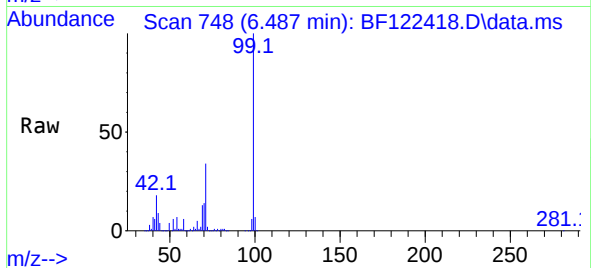




#7
Phenol-d6
Concen: 30.82 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

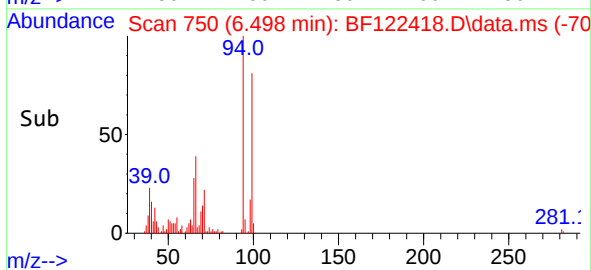
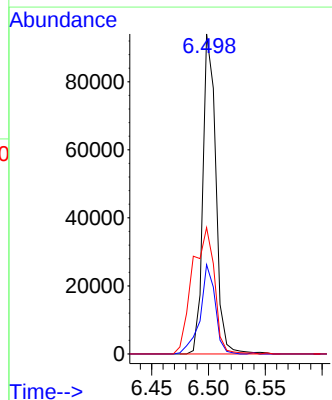
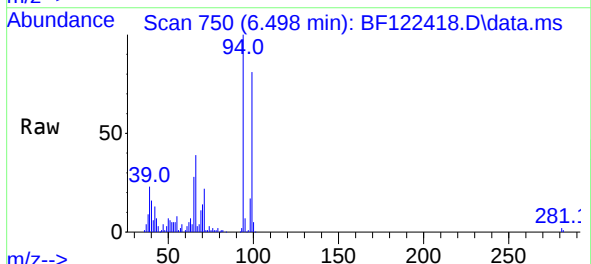
Instrument :
BNA_F
ClientSampleId :
MW-7

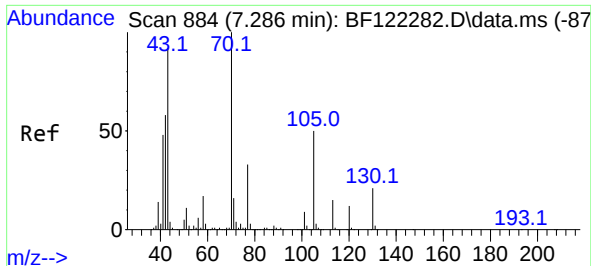
Tgt Ion: 99 Resp: 545032
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 33.5 27.1 40.7



#10
Phenol
Concen: 4.29 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.024 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

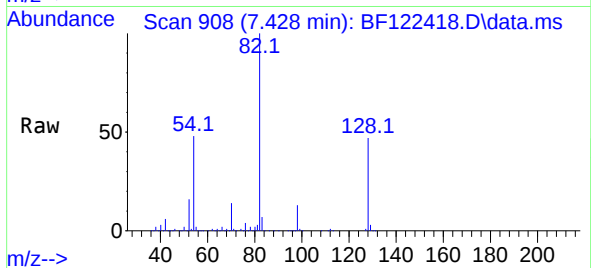
Tgt Ion: 94 Resp: 74774
Ion Ratio Lower Upper
94 100
65 27.9 17.1 57.1
66 39.5 36.0 76.0



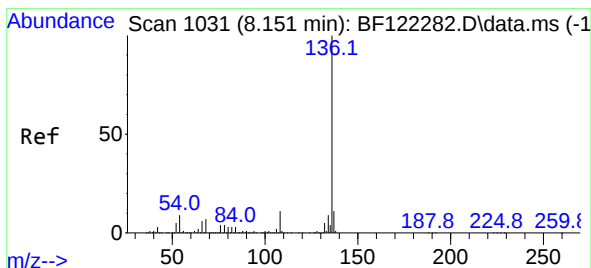
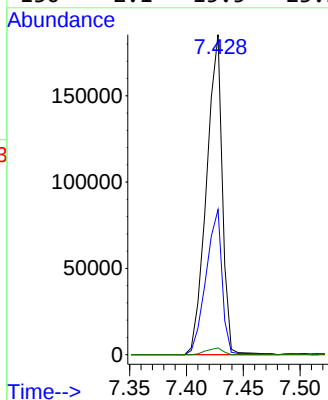
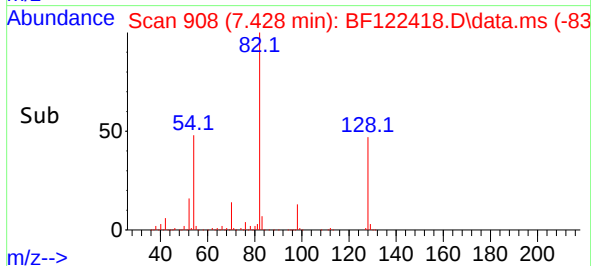


#19
n-Nitroso-di-n-propylamine
Concen: 16.98 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

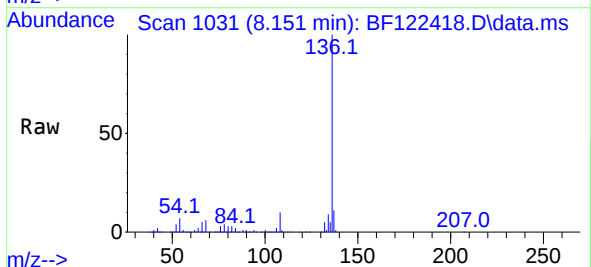
Instrument :
BNA_F
ClientSampleId :
MW-7



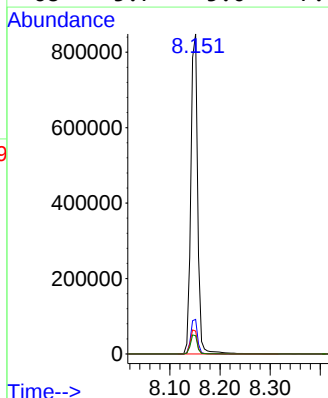
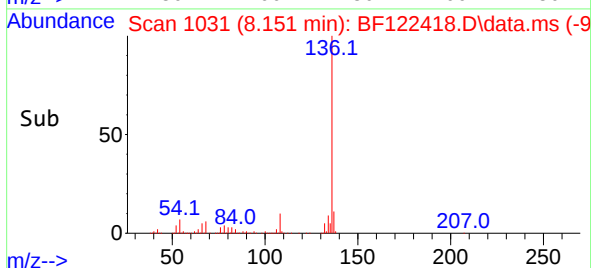
Tgt Ion: 70 Resp: 179373
Ion Ratio Lower Upper
70 100
42 45.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

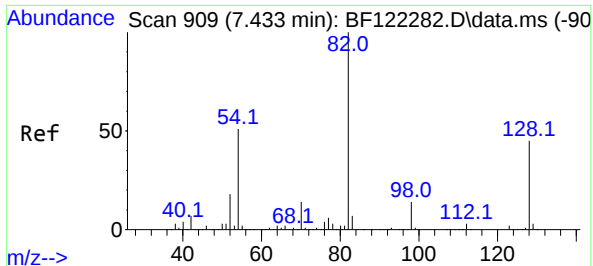


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57



Tgt Ion: 136 Resp: 804500
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 7.1 10.7
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.39 ng

RT: 7.428 min Scan# 908

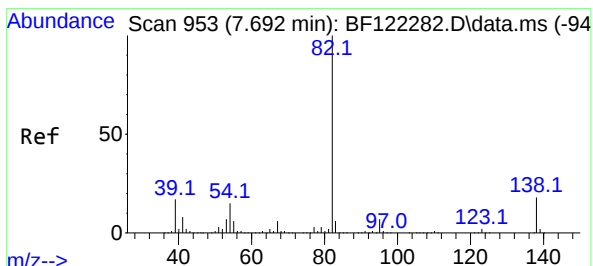
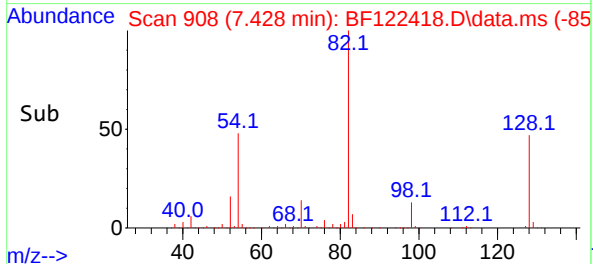
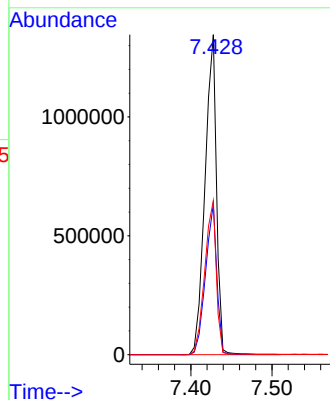
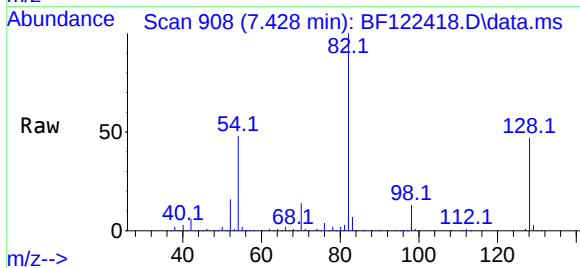
Delta R.T. -0.006 min

Lab File: BF122418.D

Acq: 20 Nov 2020 22:57

Tgt Ion: 82 Resp: 1319187

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.0	52.4
54	48.1	43.9	65.9



#25

Isophorone

Concen: 44.72 ng

RT: 7.428 min Scan# 908

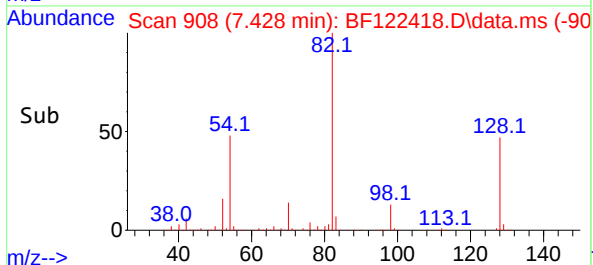
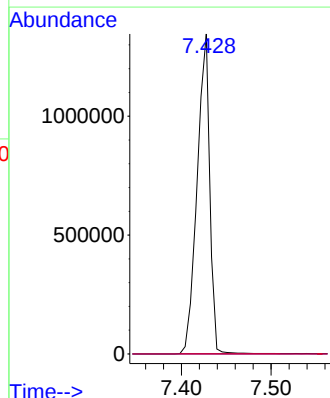
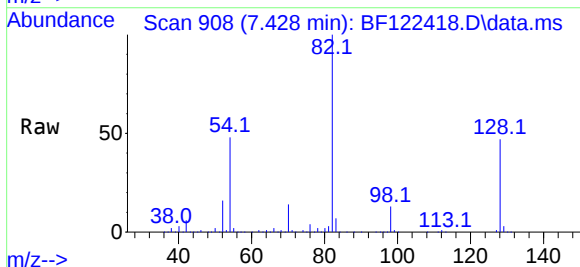
Delta R.T. -0.265 min

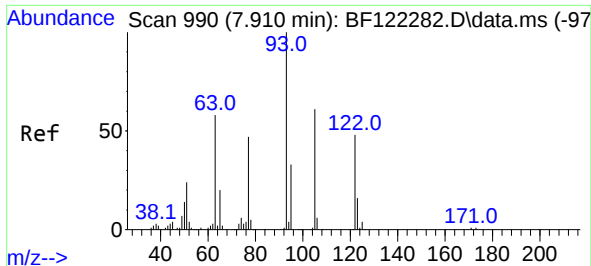
Lab File: BF122418.D

Acq: 20 Nov 2020 22:57

Tgt Ion: 82 Resp: 1310122

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

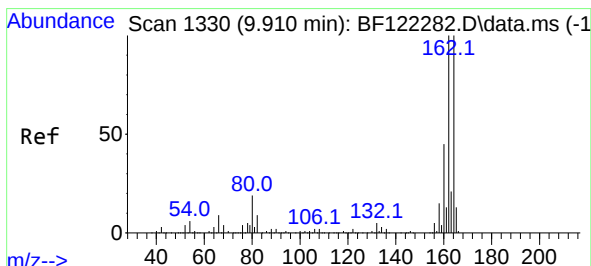
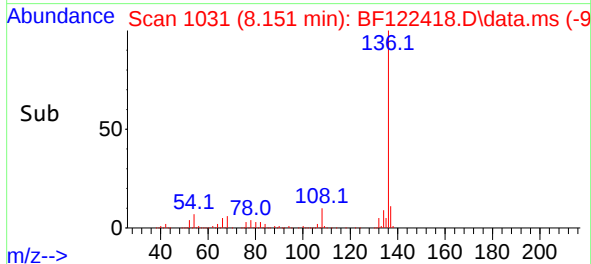
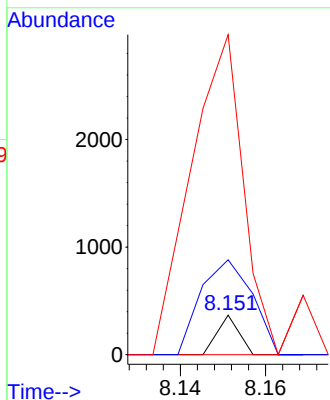
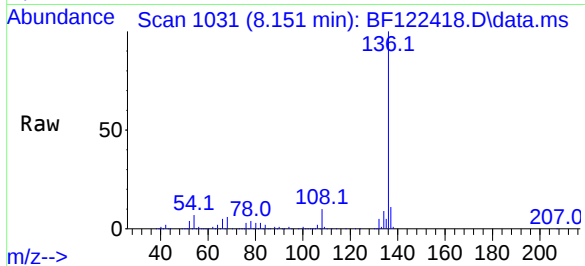




#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.212 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

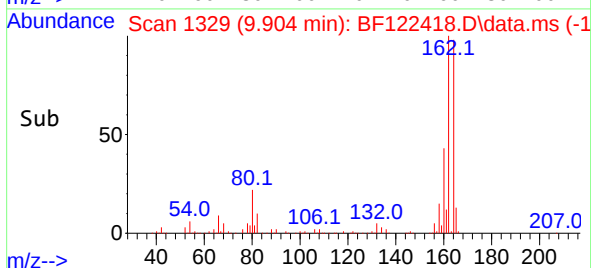
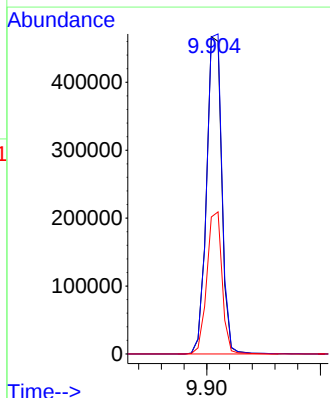
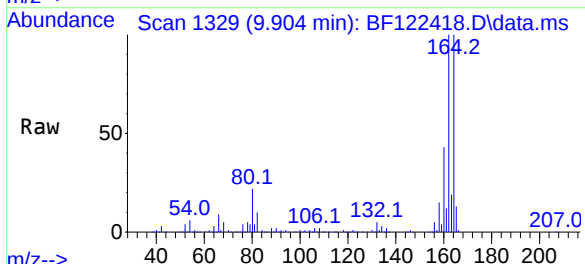
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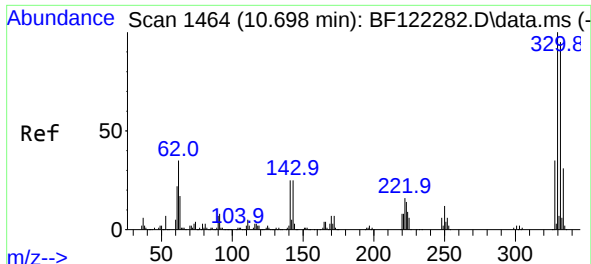
Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 240.3 103.3 143.3#
77 810.4 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:164 Resp: 433137
Ion Ratio Lower Upper
164 100
162 99.9 83.2 124.8
160 43.2 37.5 56.3

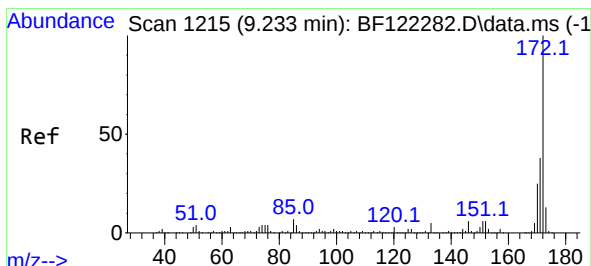
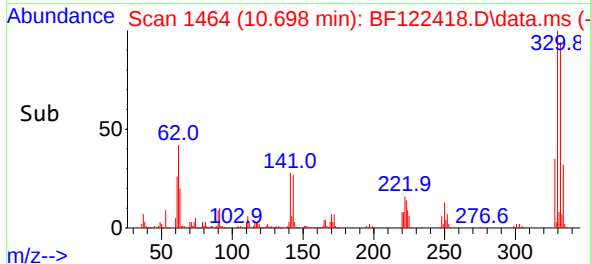
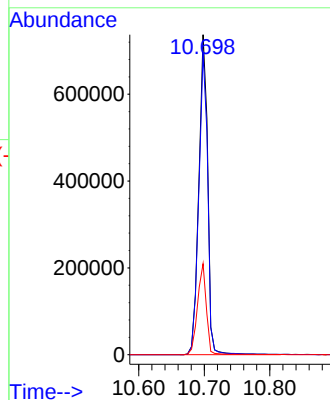
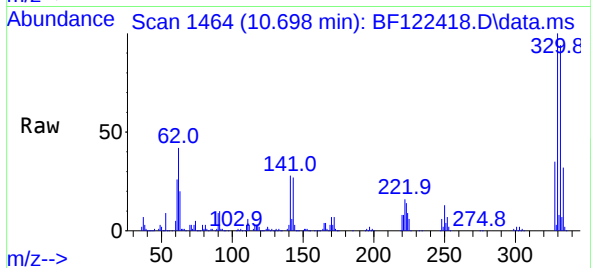




#42
2,4,6-Tribromophenol
Concen: 149.88 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

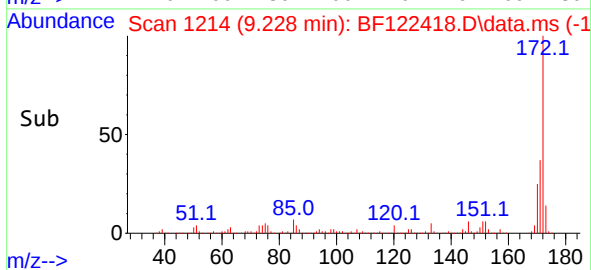
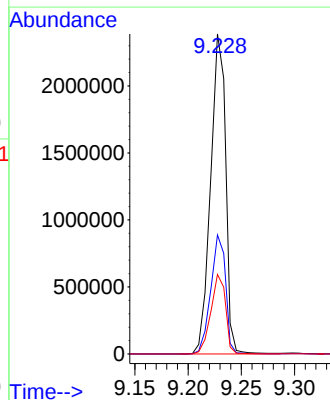
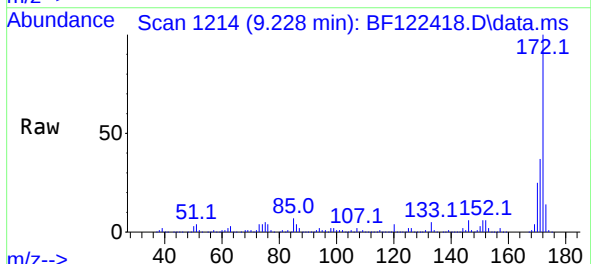
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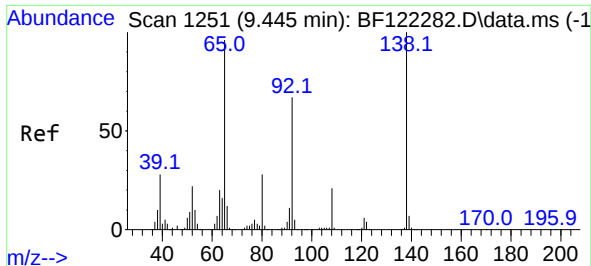
Tgt Ion: 330 Resp: 696771
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 28.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 84.87 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion: 172 Resp: 2352807
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 24.8 19.8 29.6

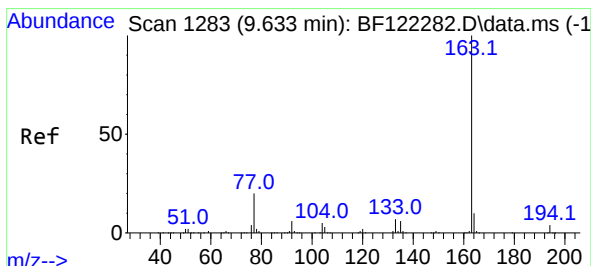
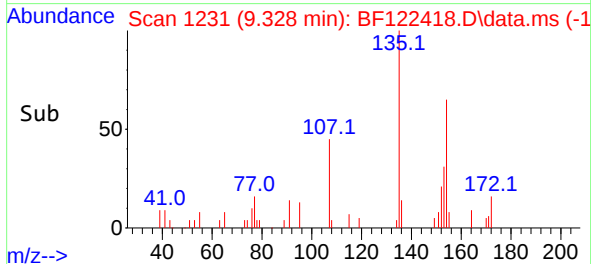
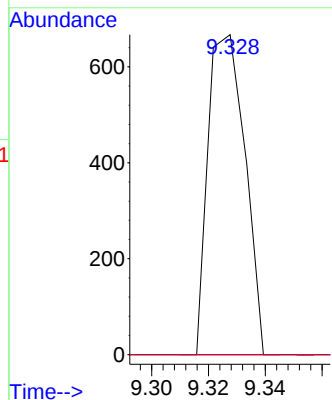
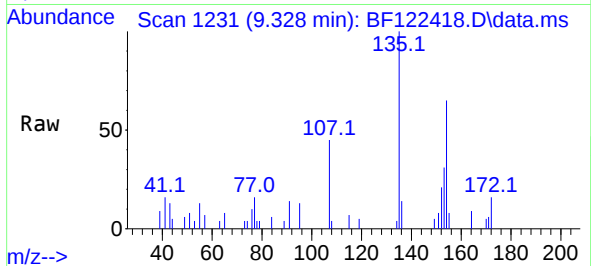




#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.129 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

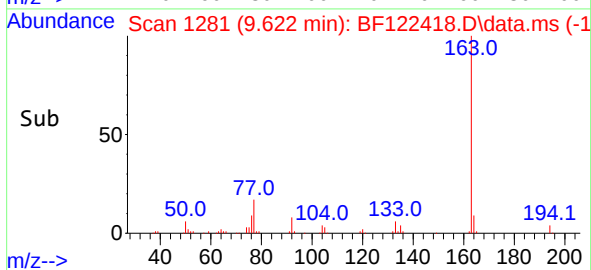
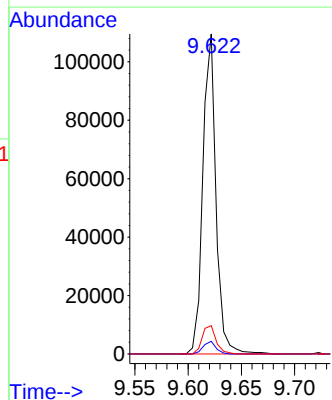
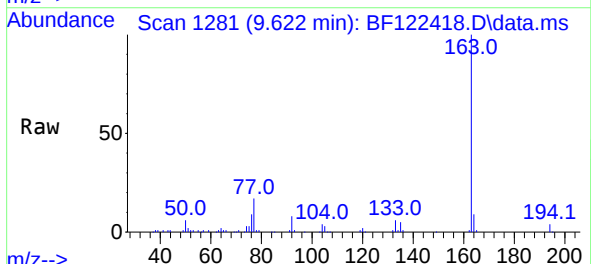
Instrument :
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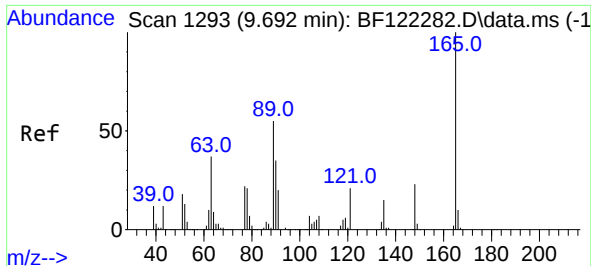
Tgt Ion: 65 Resp: 602
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.06 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:163 Resp: 94179
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 8.8 8.2 12.4

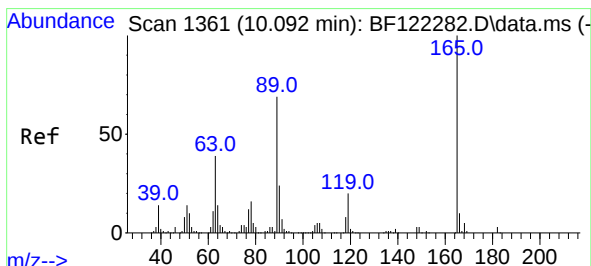
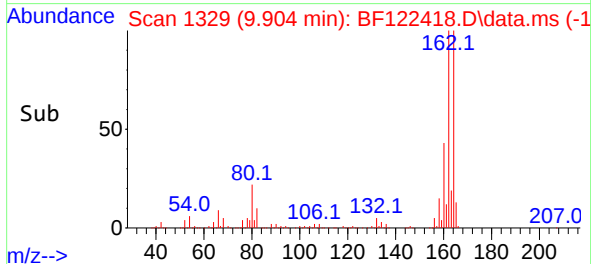
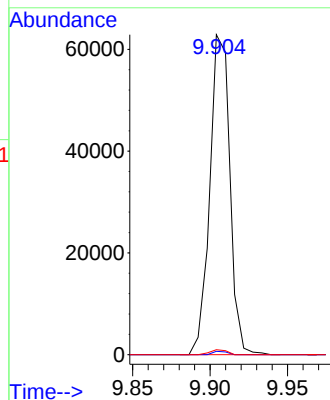
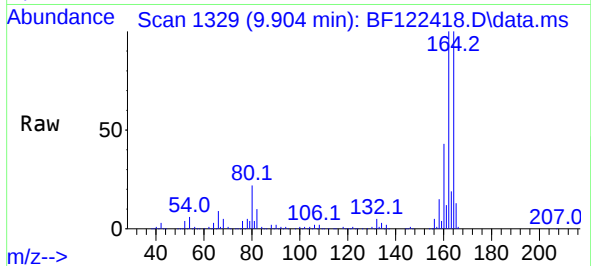




#51
2,6-Dinitrotoluene
Concen: 11.43 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

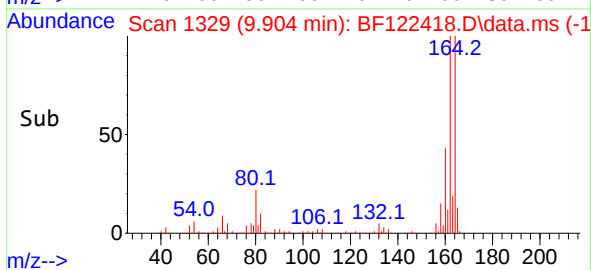
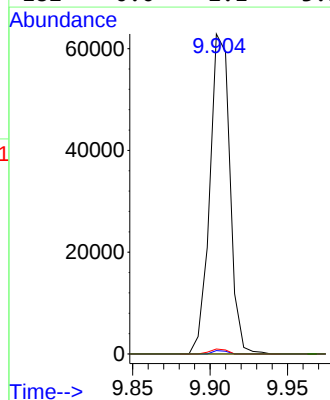
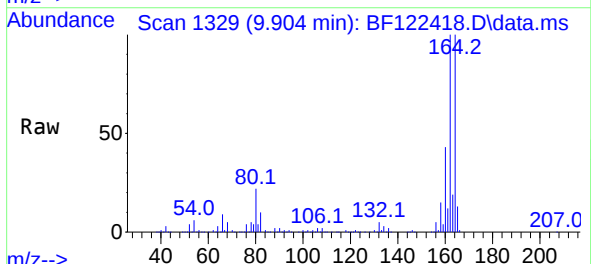
Instrument :
BNA_F
ClientSampleId :
MW-7

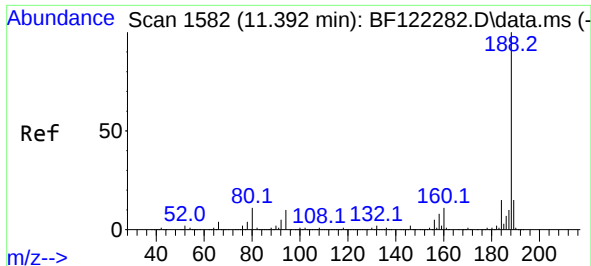
Tgt Ion:165 Resp: 56665
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.64 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:165 Resp: 56665
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

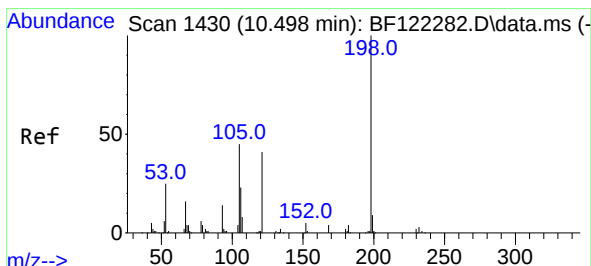
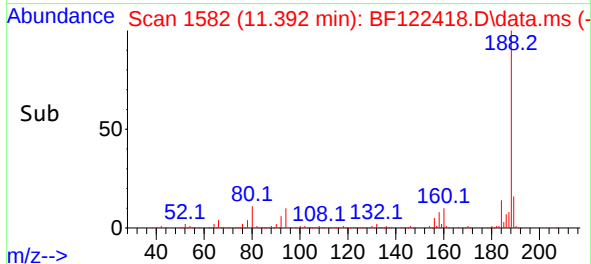
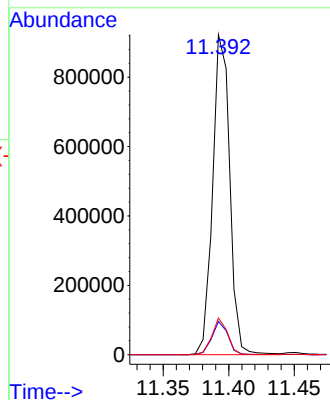
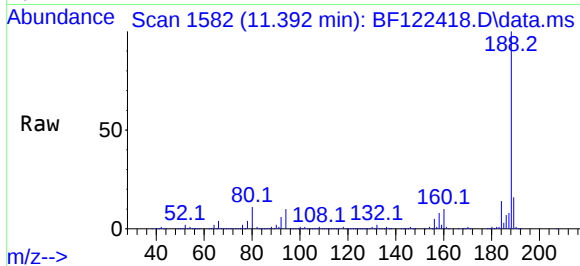




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

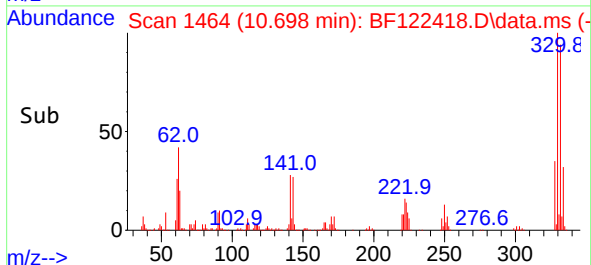
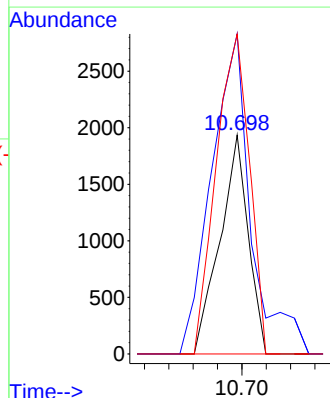
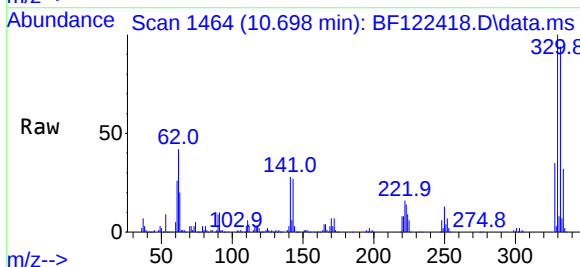
Instrument :
BNA_F
ClientSampleId :
MW-7

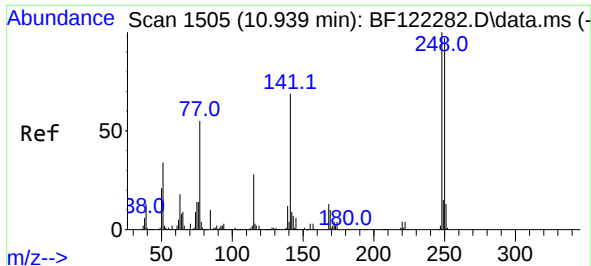
Tgt Ion:188	Resp:	836813
Ion Ratio	Lower	Upper
188	100	
94	10.4	8.3 12.5
80	11.5	9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.69 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:198	Resp:	1562
Ion Ratio	Lower	Upper
198	100	
51	146.2	29.6 69.6#
105	146.1	24.4 64.4#

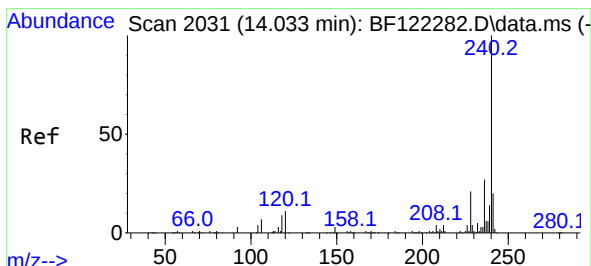
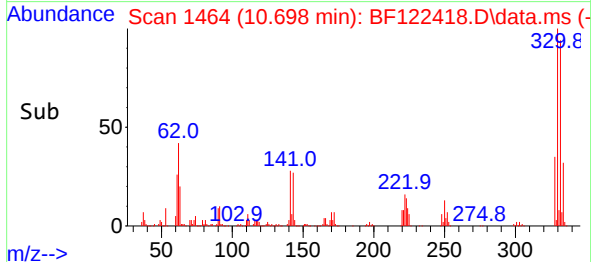
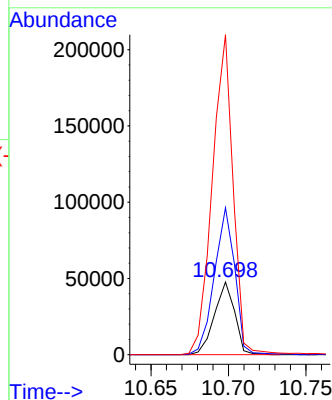
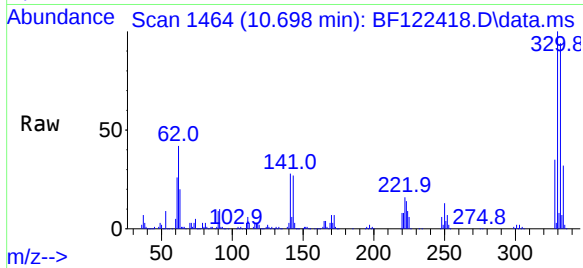




#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

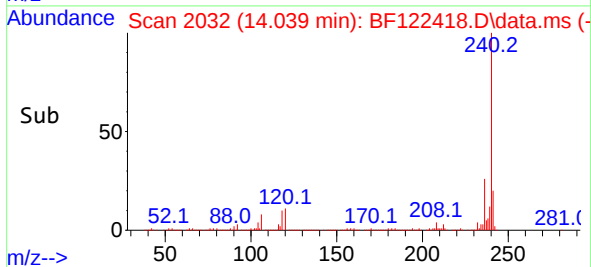
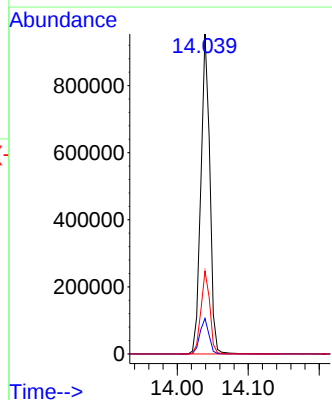
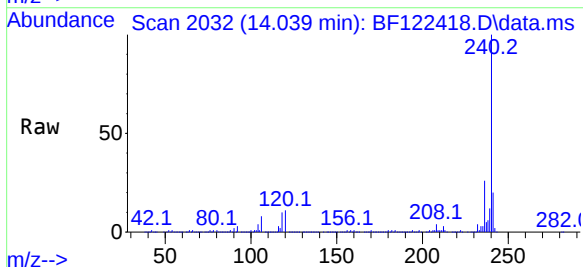
Instrument :
BNA_F
ClientSampled :
MW-7

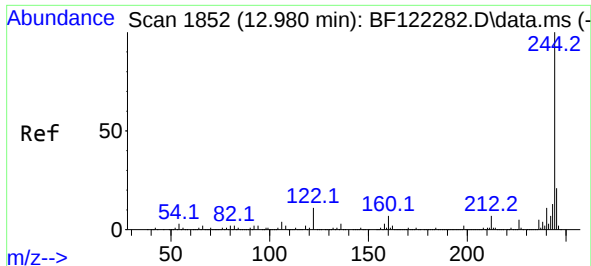
Tgt Ion:248 Resp: 43479
Ion Ratio Lower Upper
248 100
250 202.4 77.0 115.6#
141 440.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:240 Resp: 838349
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.9 20.9 31.3

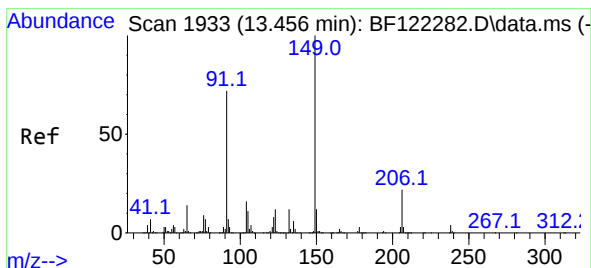
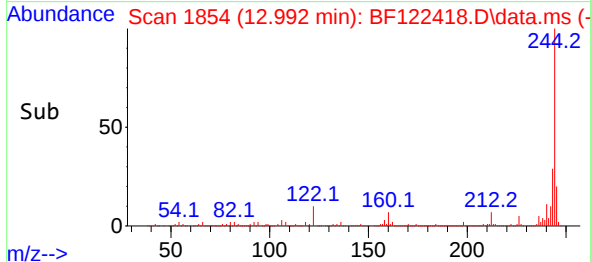
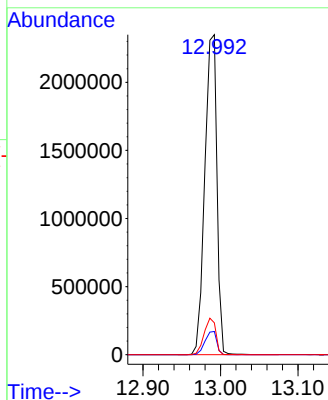
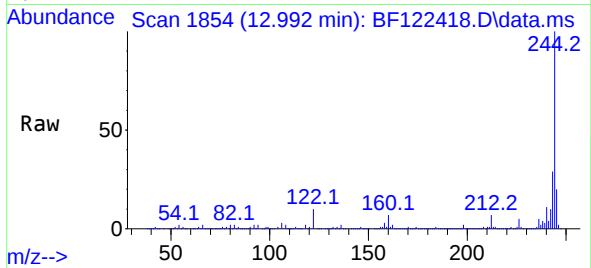




#79
Terphenyl-d14
Concen: 64.44 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

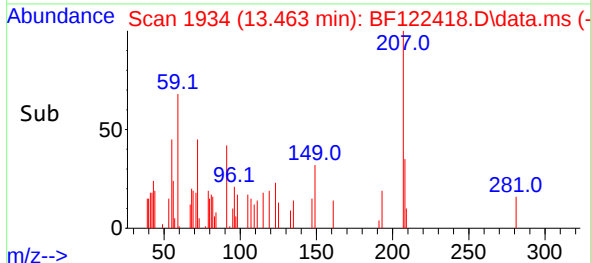
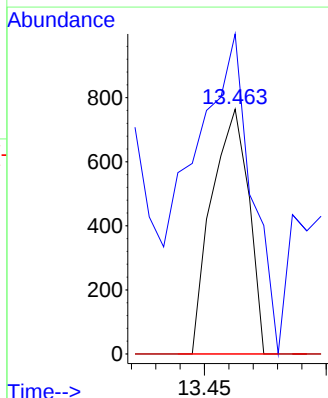
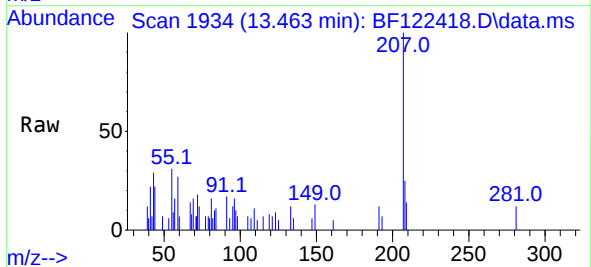
Instrument :
BNA_F
ClientSampled :
MW-7

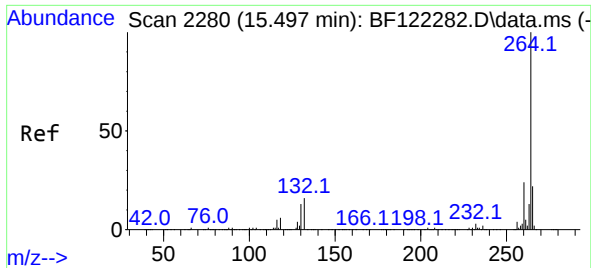
Tgt Ion:244 Resp: 2550075
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.32 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Tgt Ion:149 Resp: 808
Ion Ratio Lower Upper
149 100
91 130.8 61.0 91.4#
206 0.0 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122418.D
Acq: 20 Nov 2020 22:57

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:264 Resp: 858500
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.0 17.3 25.9

