

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122413.D
 Acq On : 20 Nov 2020 20:20
 Operator : JU/CG
 Sample : L4829-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Nov 20 23:54:40 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)

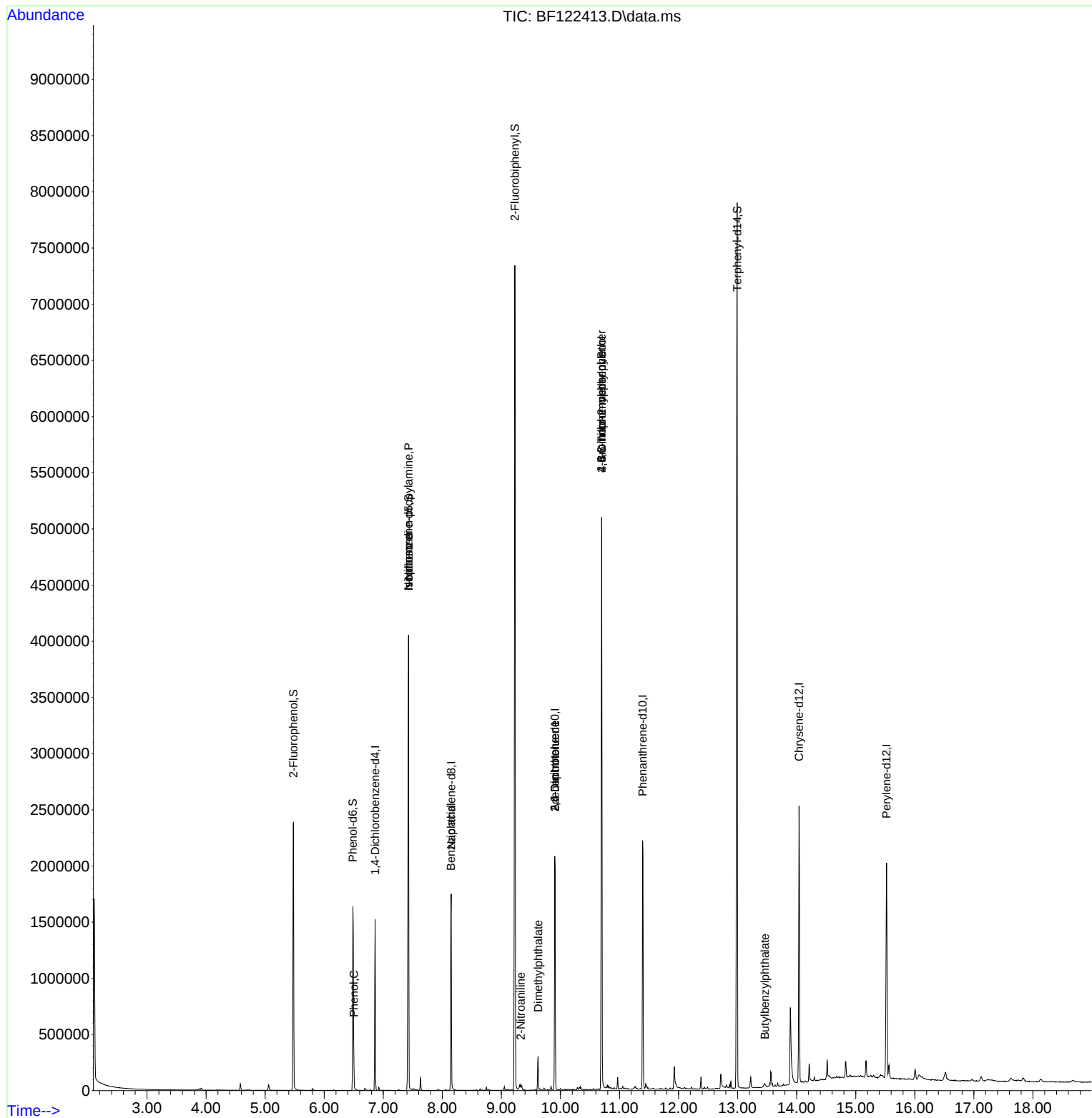
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	209113	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	810213	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	441746	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	844630	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	838706	20.00	ng	-0.01
86) Perylene-d12	15.521	264	893346	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	706435	51.87	ng	-0.01
7) Phenol-d6	6.487	99	550570	30.90	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1330932	100.57	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	681312	143.70	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2396356	84.76	ng	0.00
79) Terphenyl-d14	12.992	244	2683682	67.79	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1531	Below Cal	#	3
10) Phenol	6.504	94	69496	3.96	ng	# 73
19) n-Nitroso-di-n-propyla...	7.428	70	179321	16.84	ng	# 72
25) Isophorone	7.428	82	1319980	44.74	ng	# 67
32) Benzoic acid	8.145	122	110	7.97	ng	# 1
48) 2-Nitroaniline	9.328	65	953	5.27	ng	# 6
50) Dimethylphthalate	9.622	163	123747	3.94	ng	98
51) 2,6-Dinitrotoluene	9.904	165	56794	11.30	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	56794	10.53	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1441	6.65	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	43519	4.38	ng	# 1
80) Butylbenzylphthalate	13.463	149	1551	3.35	ng	# 83

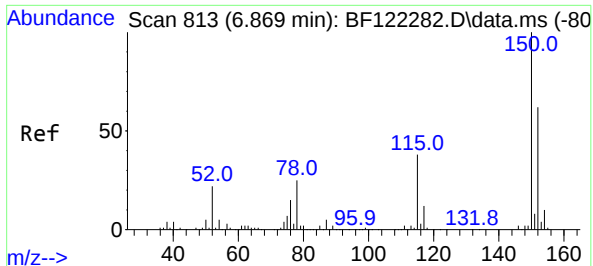
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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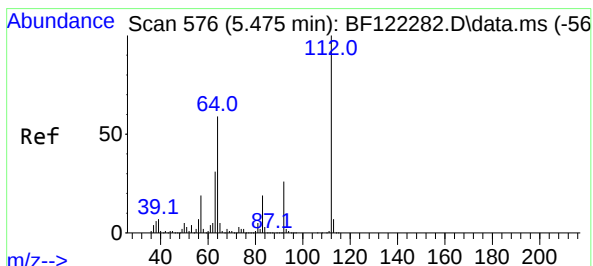
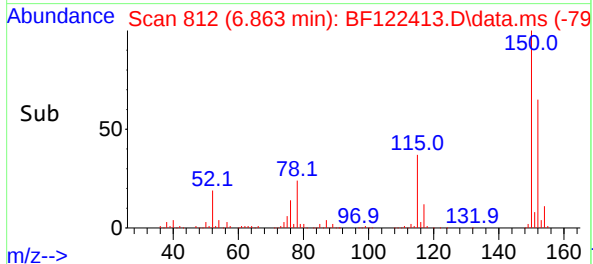
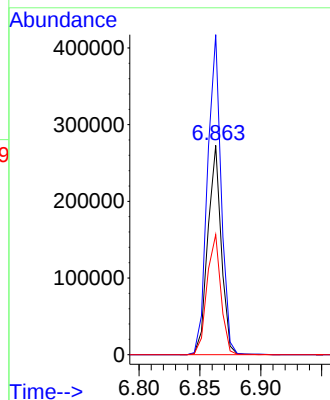
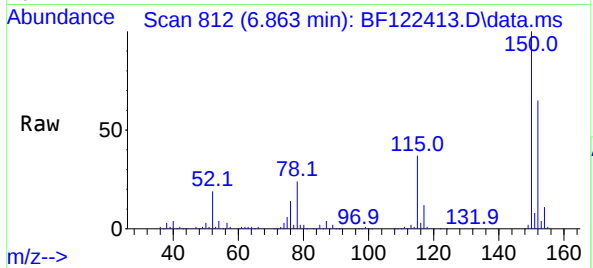




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

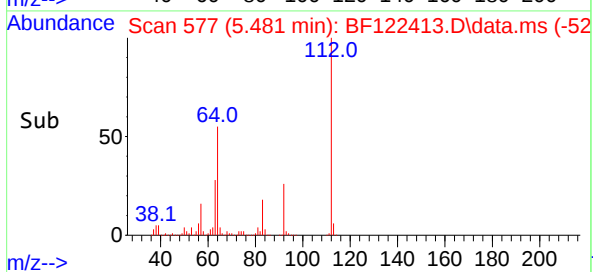
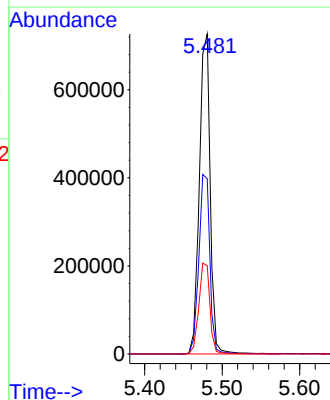
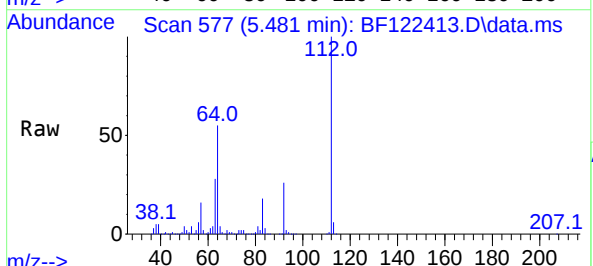
Instrument :
BNA_F
ClientSampleId :
MW-15

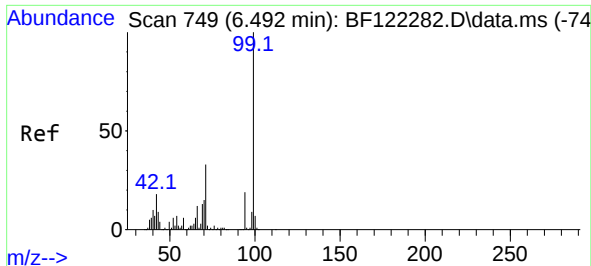
Tgt Ion:152 Resp: 209113
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 57.3 51.9 77.9



#5
2-Fluorophenol
Concen: 51.87 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:112 Resp: 706435
Ion Ratio Lower Upper
112 100
64 54.8 50.4 75.6
63 27.6 25.8 38.6

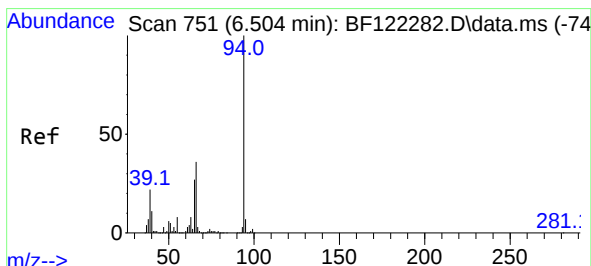
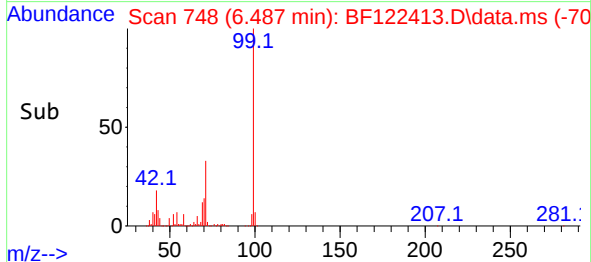
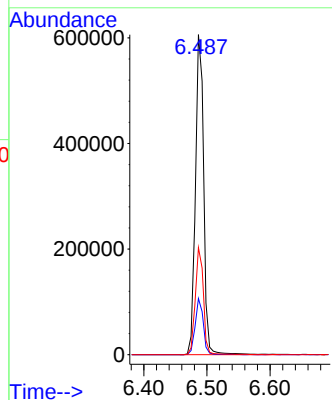
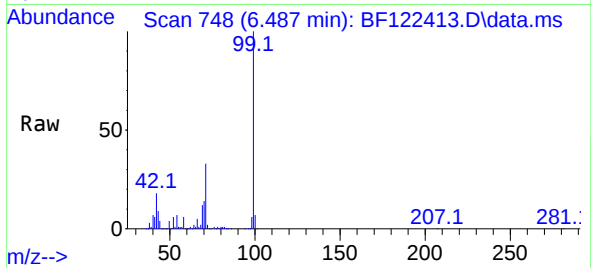




#7
Phenol-d6
Concen: 30.90 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

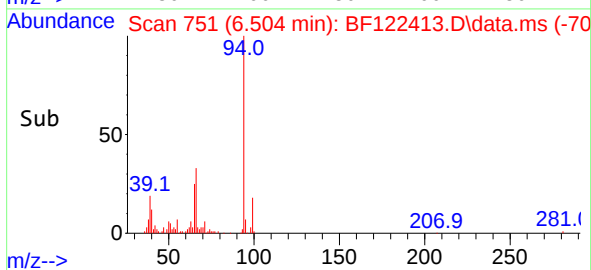
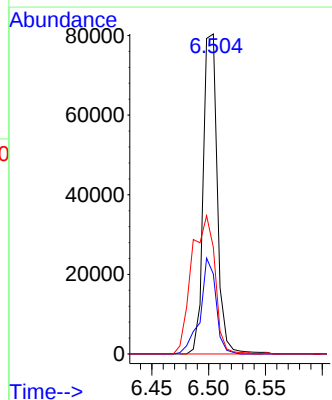
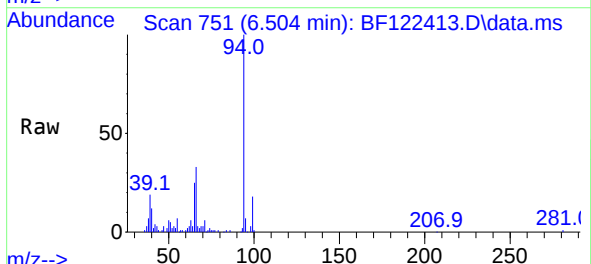
Instrument :
BNA_F
ClientSampleId :
MW-15

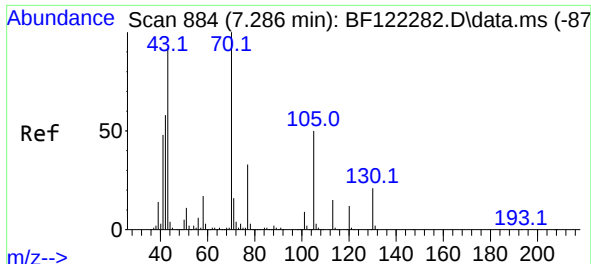
Tgt Ion: 99 Resp: 550570
Ion Ratio Lower Upper
99 100
42 17.6 15.9 23.9
71 33.4 27.1 40.7



#10
Phenol
Concen: 3.96 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion: 94 Resp: 69496
Ion Ratio Lower Upper
94 100
65 25.0 17.1 57.1
66 33.3 36.0 76.0#

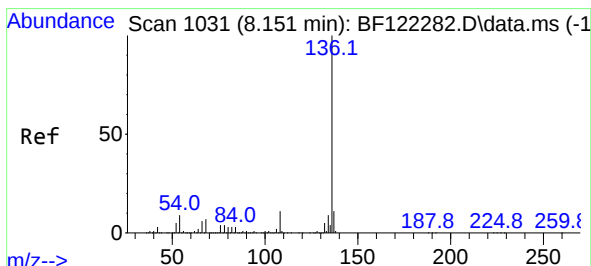
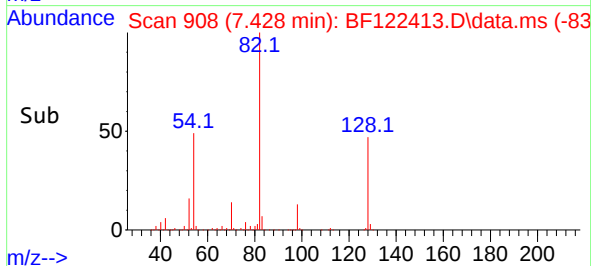
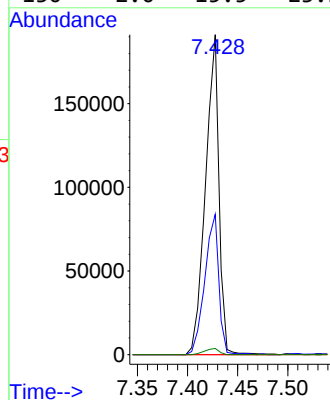
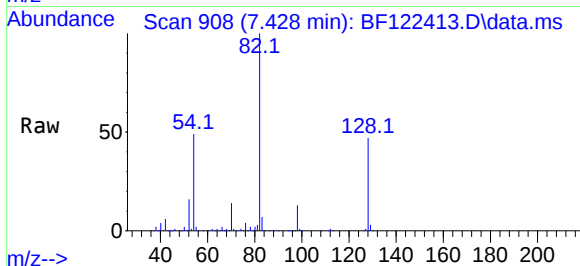




#19
n-Nitroso-di-n-propylamine
Concen: 16.84 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

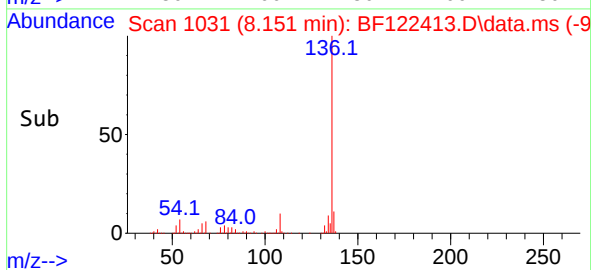
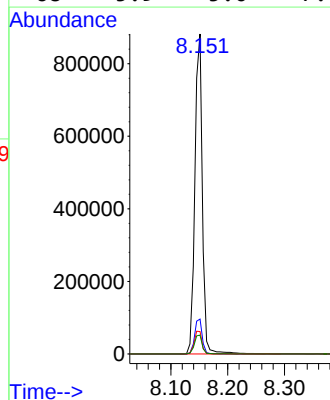
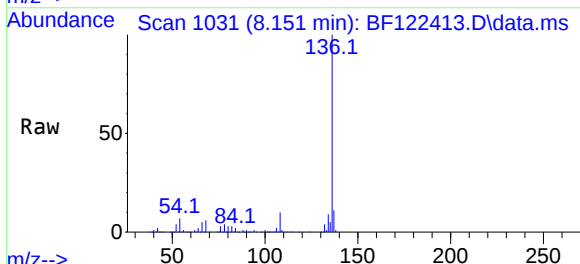
Instrument :
BNA_F
ClientSampled :
MW-15

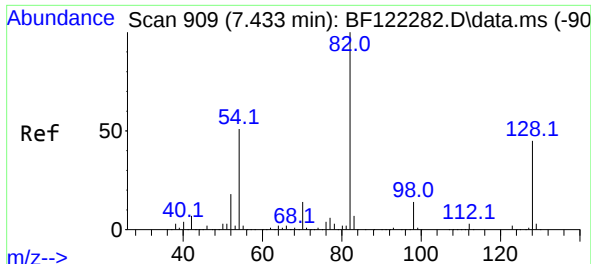
Tgt Ion: 70 Resp: 179321
Ion Ratio Lower Upper
70 100
42 43.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:136 Resp: 810213
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 7.1 10.7#
68 5.9 5.0 7.4



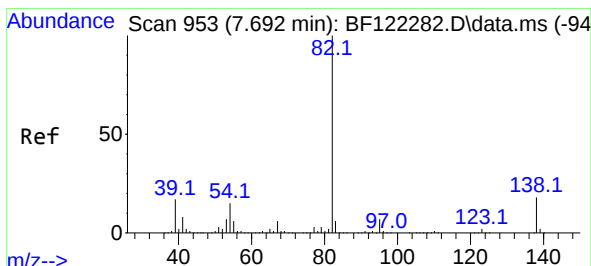
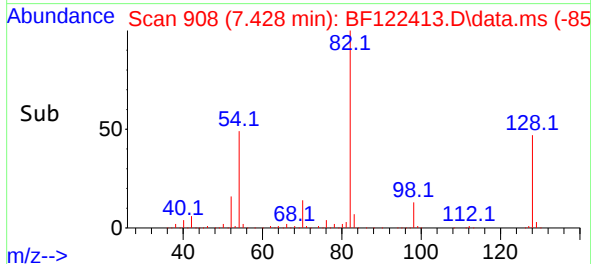
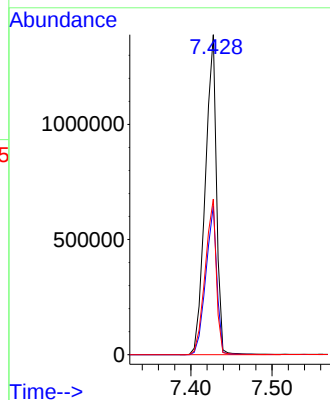
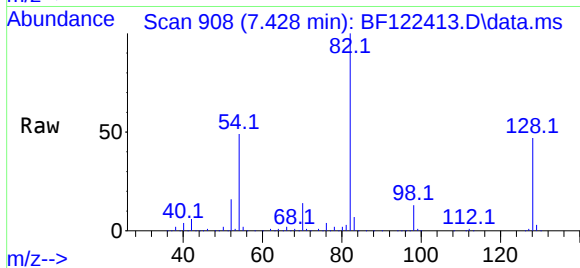


#23
Nitrobenzene-d5
Concen: 100.57 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 82 Resp: 1330932

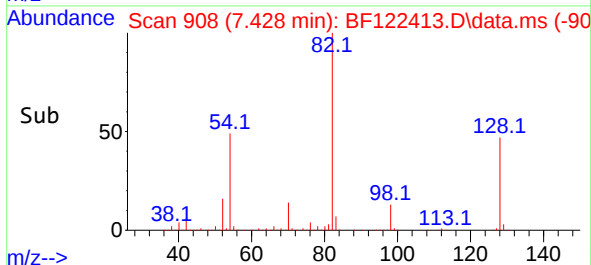
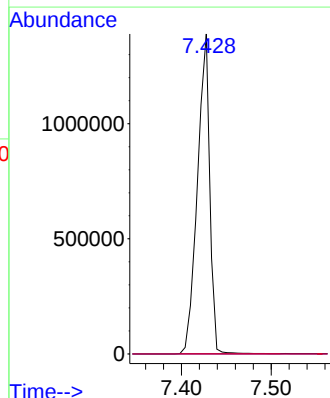
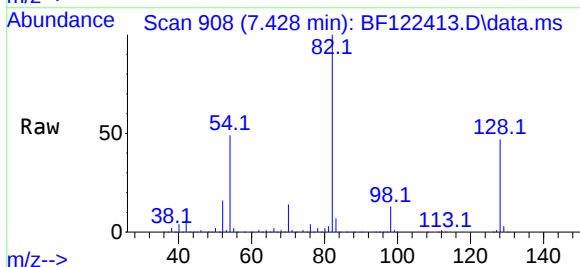
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.0	52.4
54	48.6	43.9	65.9

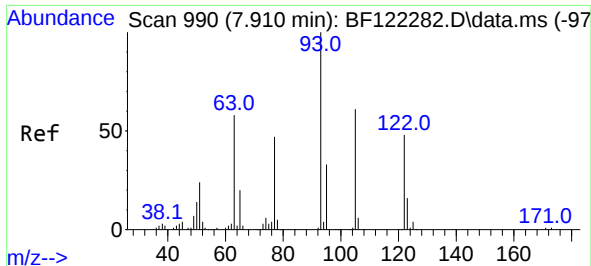


#25
Isophorone
Concen: 44.74 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion: 82 Resp: 1319980

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

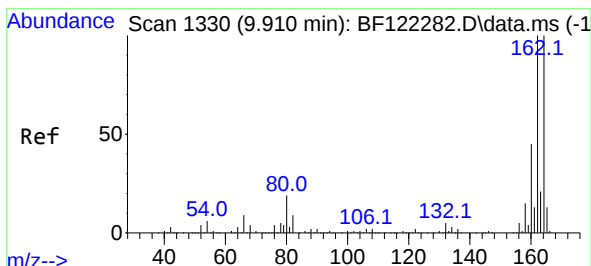
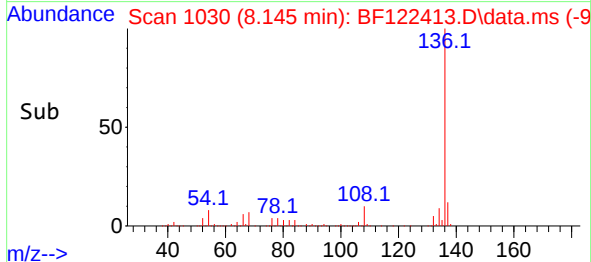
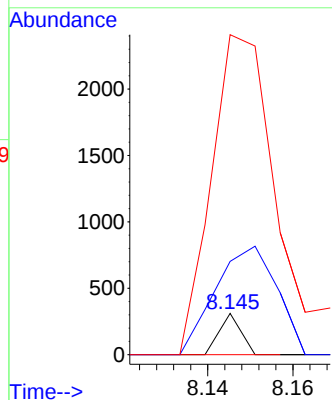
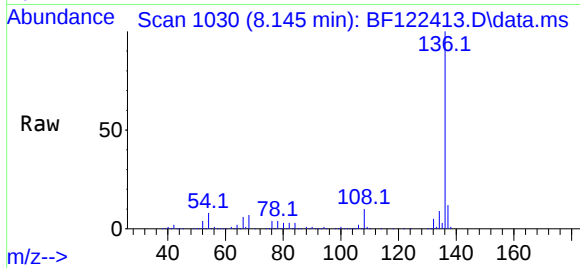




#32
Benzoic acid
Concen: 7.97 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.206 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

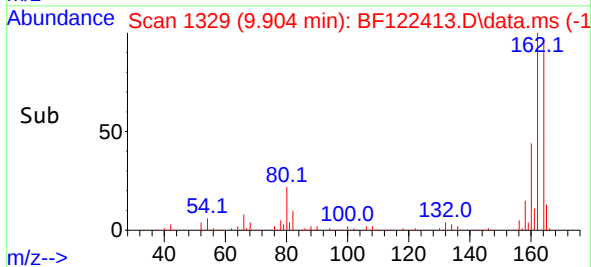
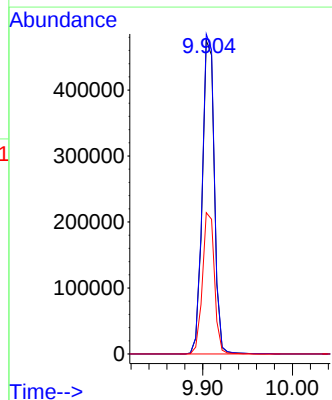
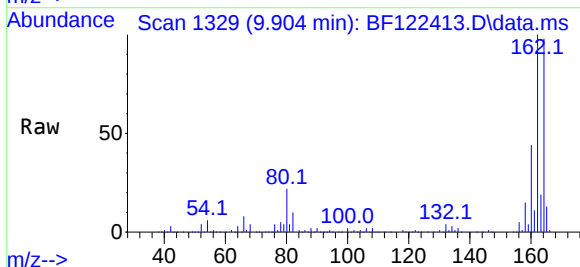
Instrument :
BNA_F
ClientSampled :
MW-15

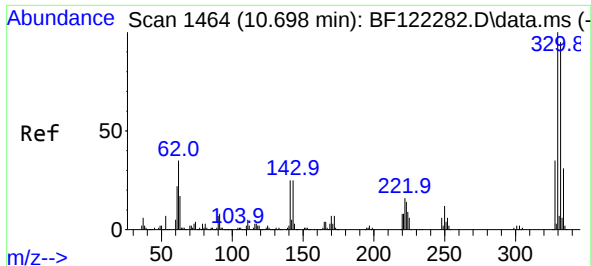
Tgt Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 226.0 103.3 143.3#
77 774.9 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:164 Resp: 441746
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 45.0 37.5 56.3

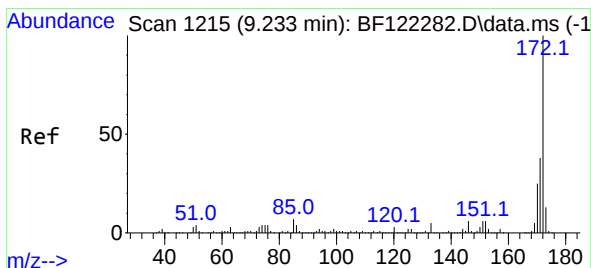
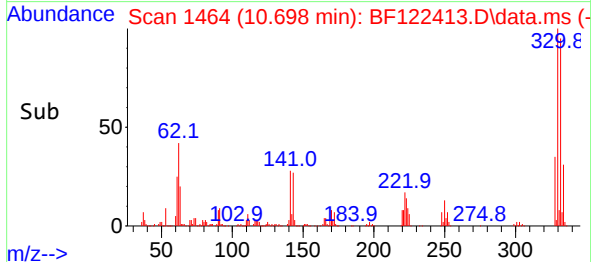
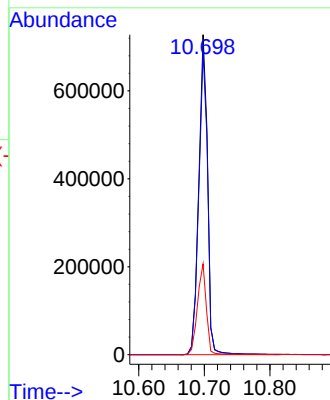
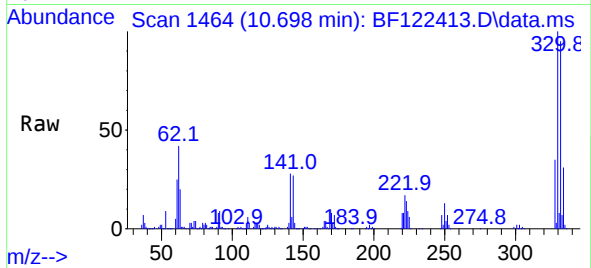




#42
2,4,6-Tribromophenol
Concen: 143.70 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

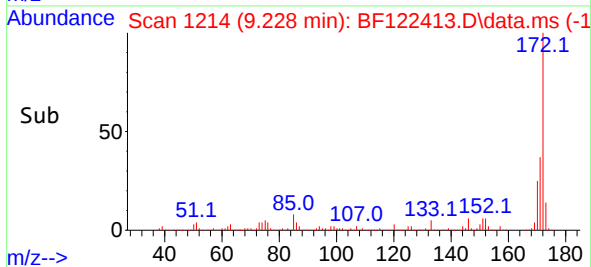
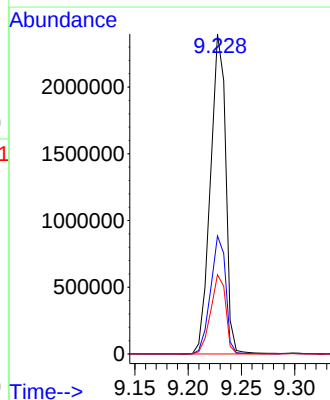
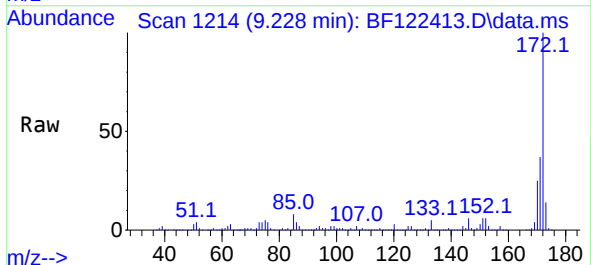
Instrument :
BNA_F
ClientSampleId :
MW-15

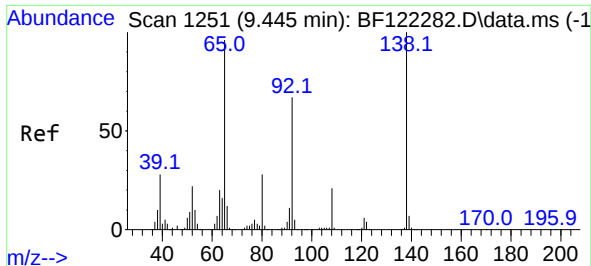
Tgt Ion:330 Resp: 681312
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 28.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 84.76 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:172 Resp: 2396356
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.8 19.8 29.6

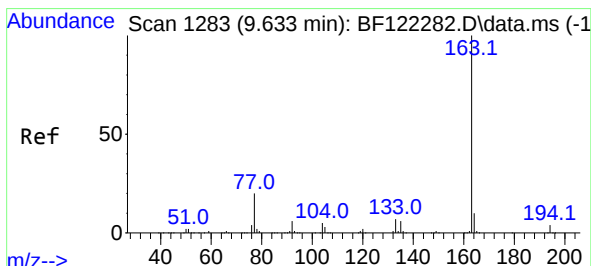
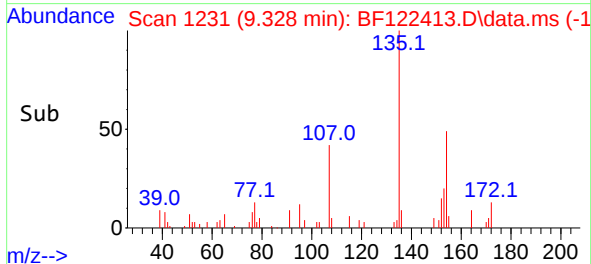
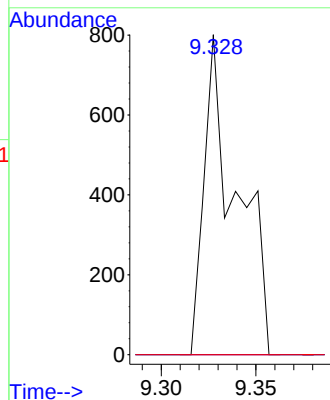
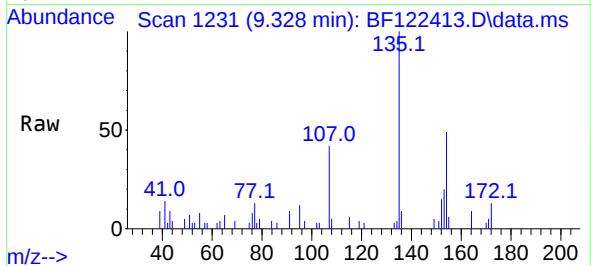




#48
2-Nitroaniline
Concen: 5.27 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.130 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

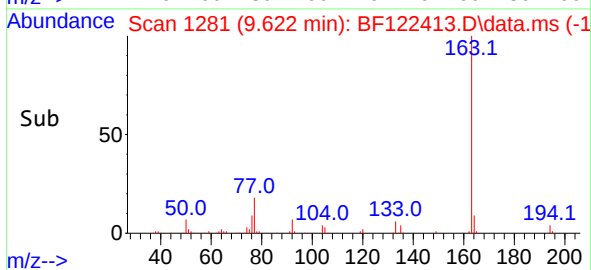
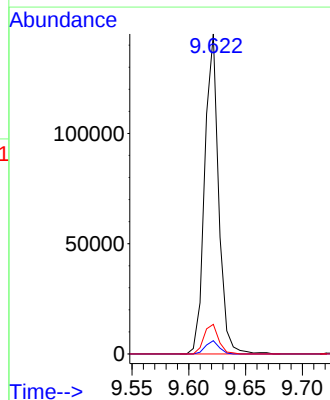
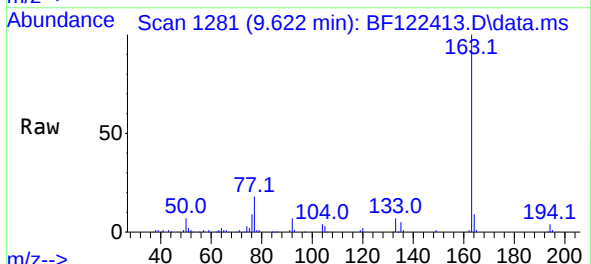
Instrument :
BNA_F
ClientSampleId :
MW-15

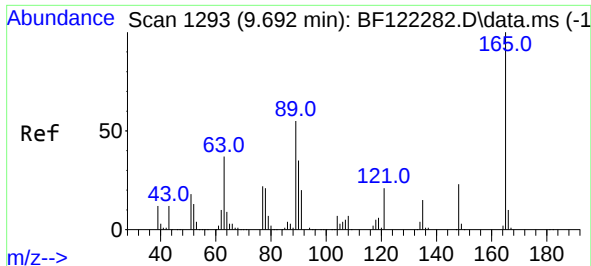
Tgt Ion: 65 Resp: 953
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.94 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion: 163 Resp: 123747
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.2 8.2 12.4

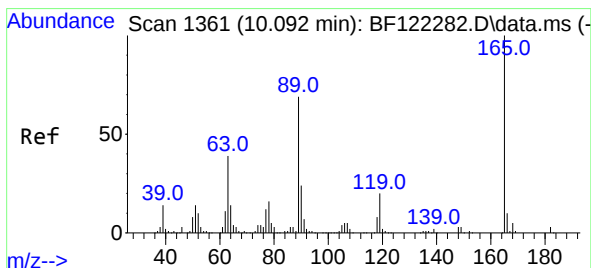
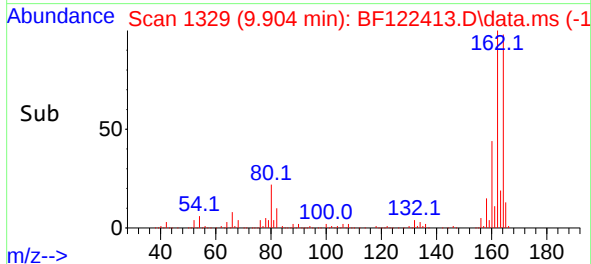
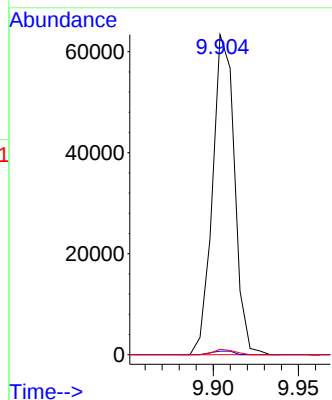
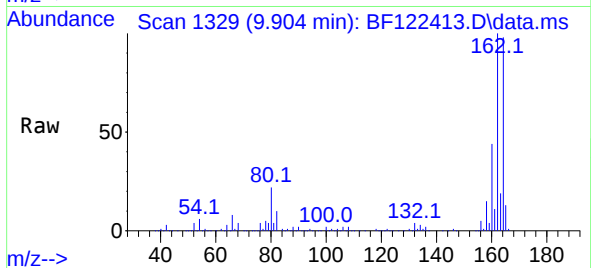




#51
2,6-Dinitrotoluene
Concen: 11.30 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

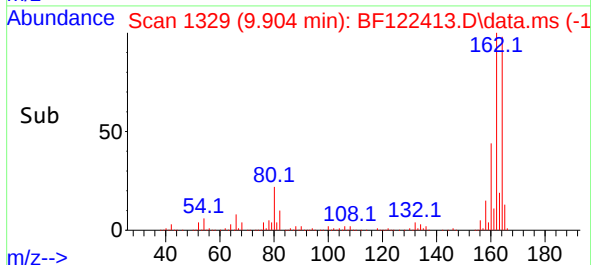
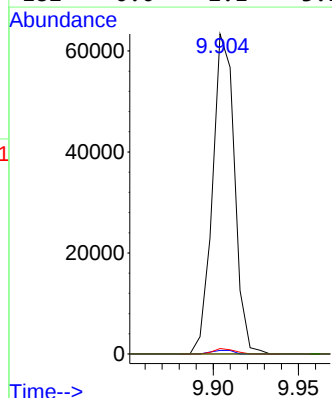
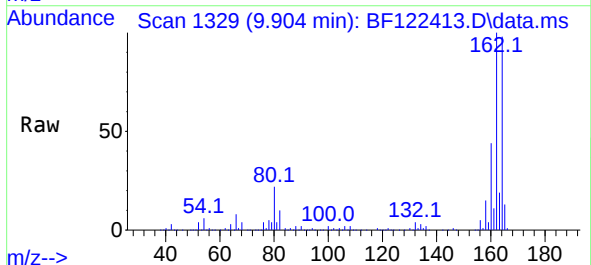
Instrument :
BNA_F
ClientSampled :
MW-15

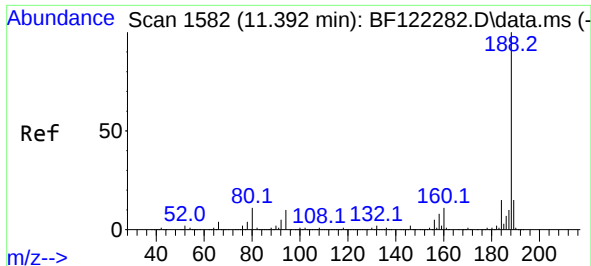
Tgt Ion:165 Resp: 56794
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.7 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.53 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:165 Resp: 56794
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

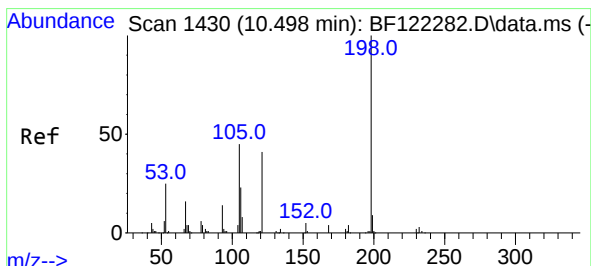
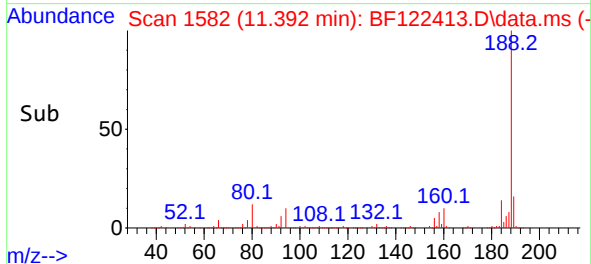
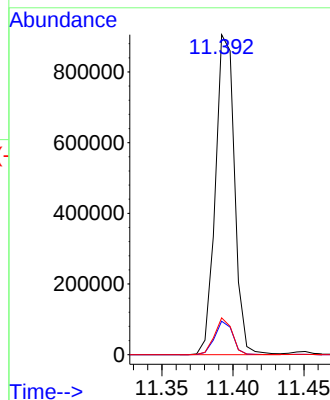
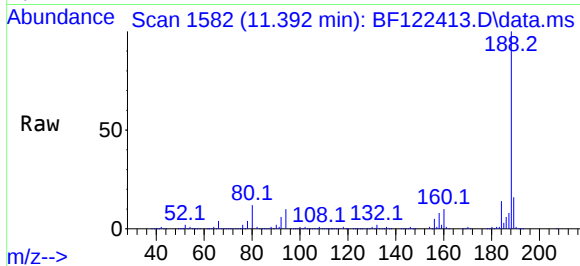




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

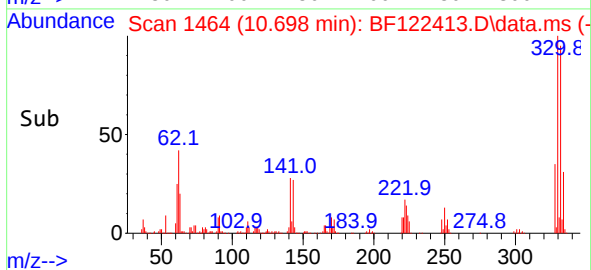
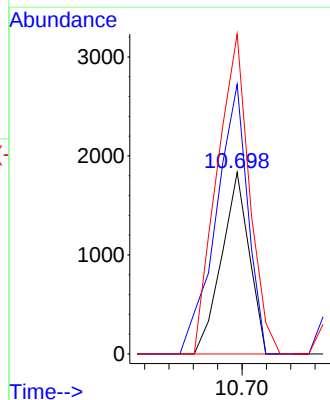
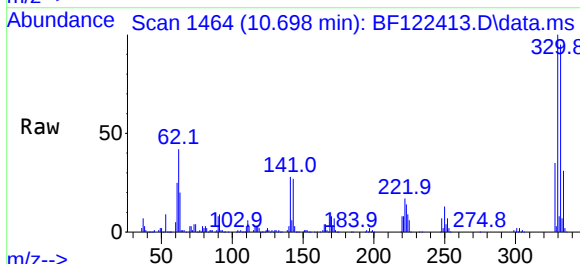
Instrument :
BNA_F
ClientSampleId :
MW-15

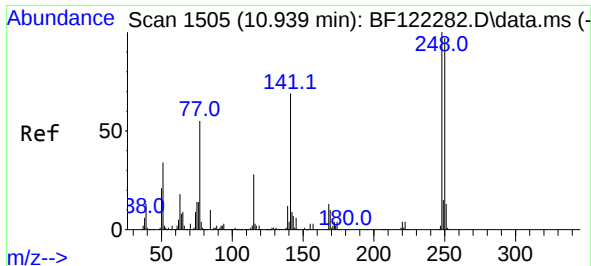
Tgt Ion:188	Resp:	844630
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.3 12.5
80	11.5	9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.65 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:198	Resp:	1441
Ion Ratio	Lower	Upper
198	100	
51	148.5	29.6 69.6#
105	176.2	24.4 64.4#

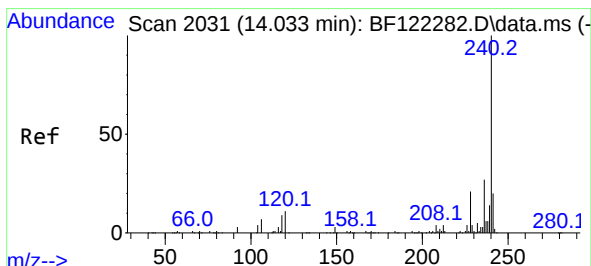
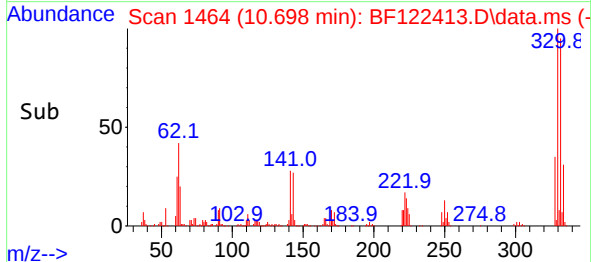
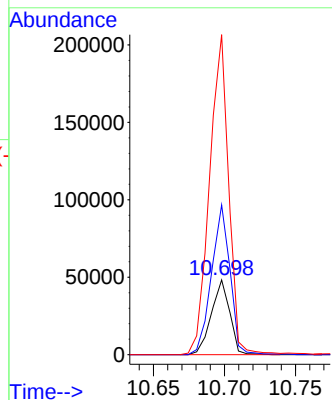
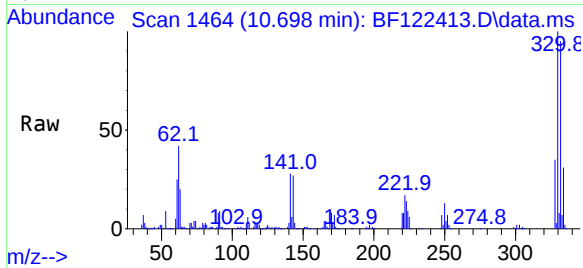




#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

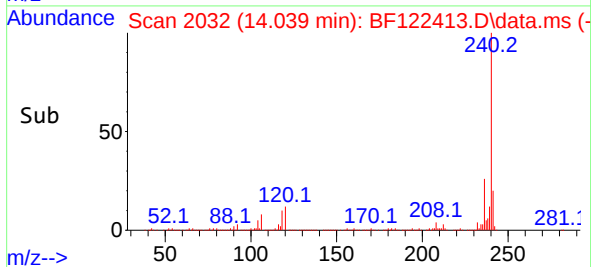
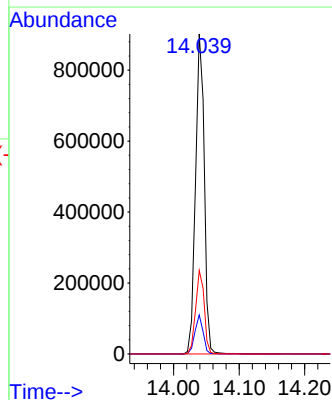
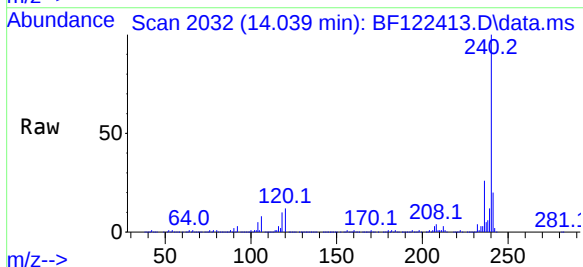
Instrument :
BNA_F
ClientSampled :
MW-15

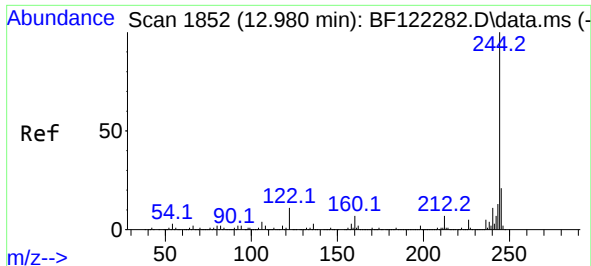
Tgt Ion:248 Resp: 43519
Ion Ratio Lower Upper
248 100
250 200.4 77.0 115.6#
141 428.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:240 Resp: 838706
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 26.1 20.9 31.3

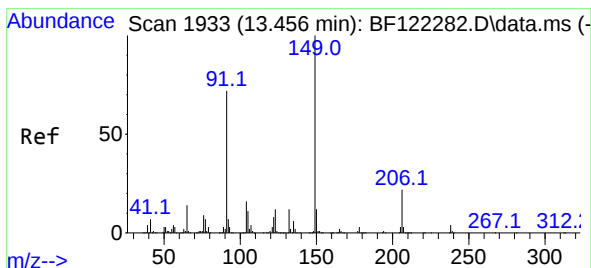
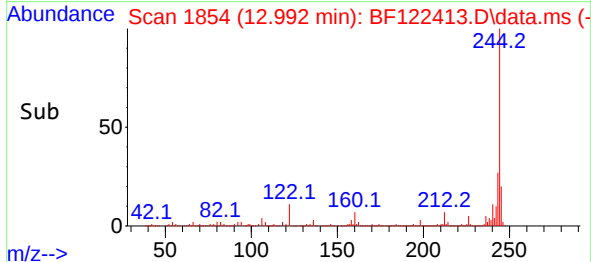
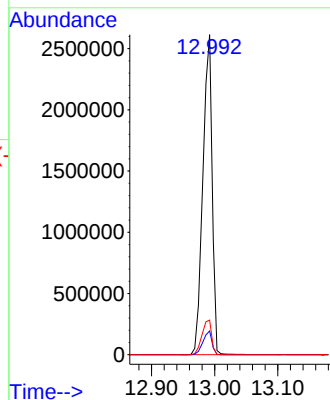
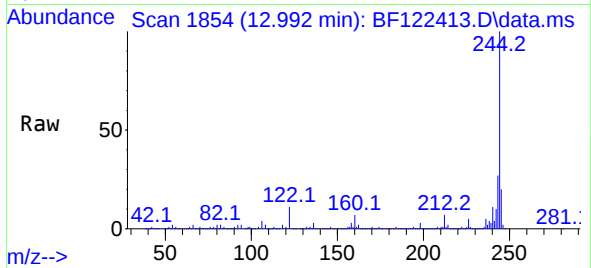




#79
Terphenyl-d14
Concen: 67.79 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

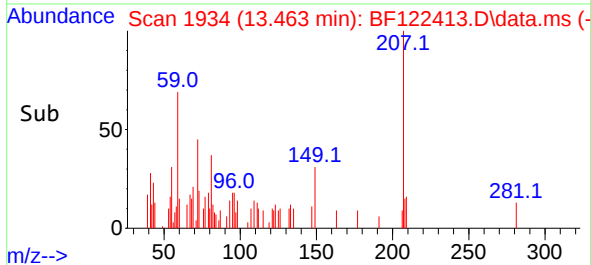
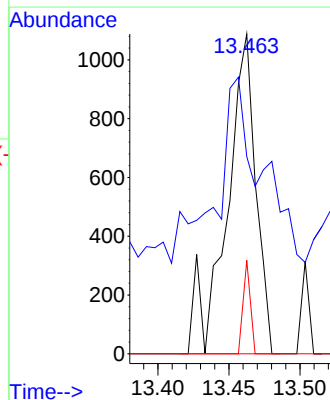
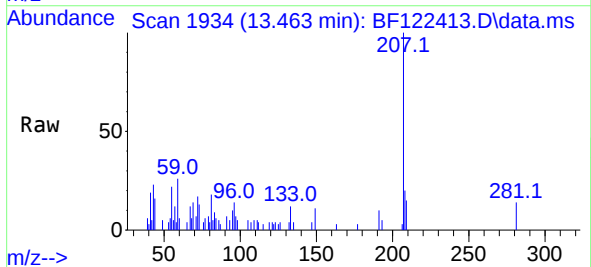
Instrument :
BNA_F
ClientSampleId :
MW-15

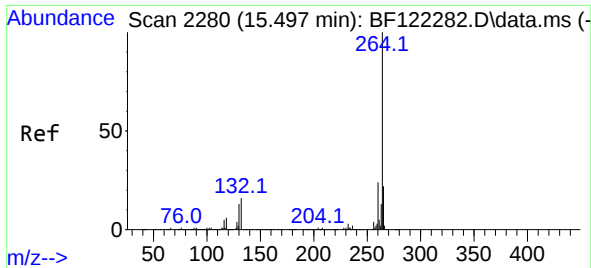
Tgt Ion:244 Resp: 2683682
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.8 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.35 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122413.D
Acq: 20 Nov 2020 20:20

Tgt Ion:149 Resp: 1551
Ion Ratio Lower Upper
149 100
91 61.7 61.0 91.4
206 29.2 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: BF122413.D
Acq: 20 Nov 2020 20:20

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:	264	Resp:	893346
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	17.3	25.9

