

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122416.D
 Acq On : 20 Nov 2020 21:54
 Operator : JU/CG
 Sample : L4829-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Nov 20 23:55:10 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)

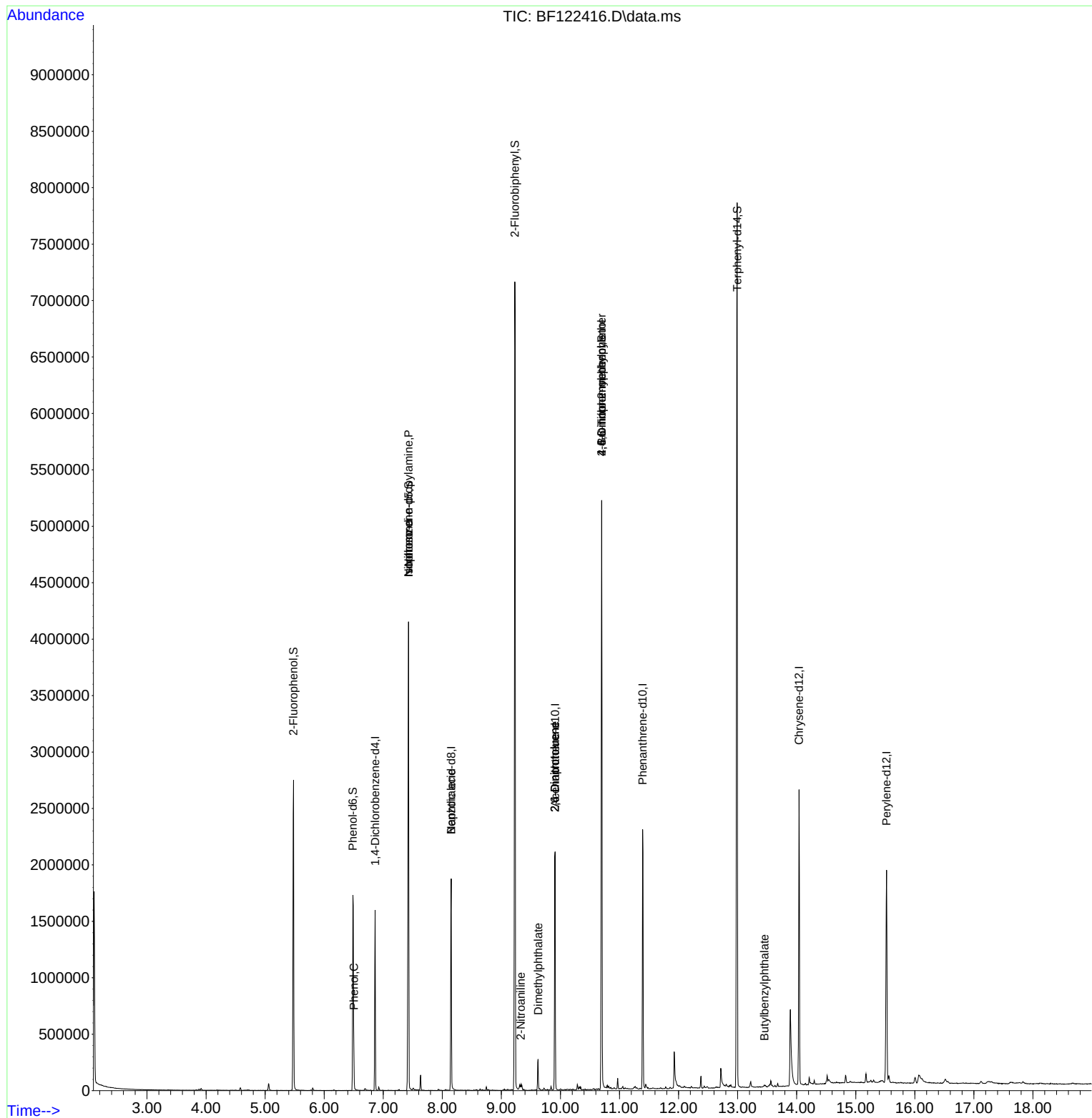
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	215808	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	833061	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	459226	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	865625	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	877093	20.00	ng	-0.01
86) Perylene-d12	15.521	264	903247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	771996	54.93	ng	-0.01
7) Phenol-d6	6.486	99	604232	32.86	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1359035	99.87	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	716400	145.35	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2432353	82.76	ng	0.00
79) Terphenyl-d14	12.992	244	2723092	65.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	1678	Below Cal	#	3
10) Phenol	6.504	94	89132	4.92	ng	# 73
19) n-Nitroso-di-n-propyla...	7.428	70	185534	16.89	ng	# 74
25) Isophorone	7.428	82	1350651	44.52	ng	# 67
32) Benzoic acid	8.151	122	107	7.97	ng	# 1
48) 2-Nitroaniline	9.327	65	1040	5.28	ng	# 6
50) Dimethylphthalate	9.622	163	116084	3.56	ng	100
51) 2,6-Dinitrotoluene	9.904	165	59550	11.36	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	59550	10.58	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1567	6.68	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	45746	4.50	ng	# 1
80) Butylbenzylphthalate	13.457	149	992	3.33	ng	# 1

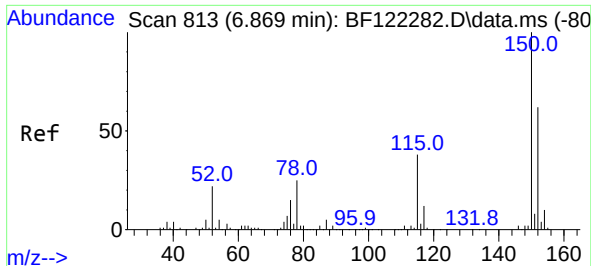
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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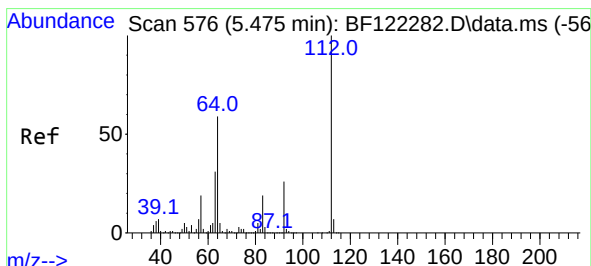
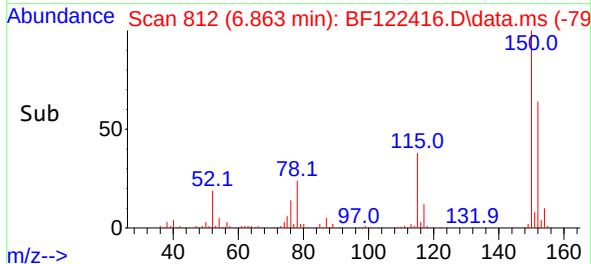
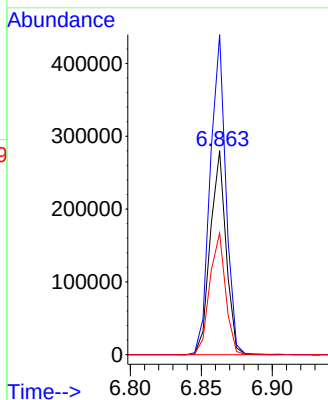
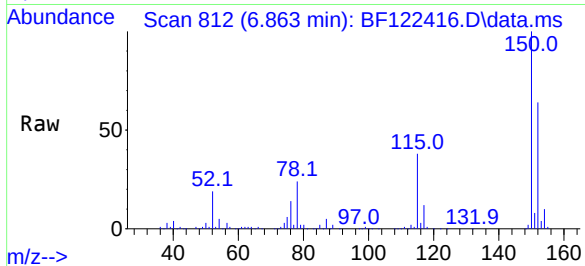




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

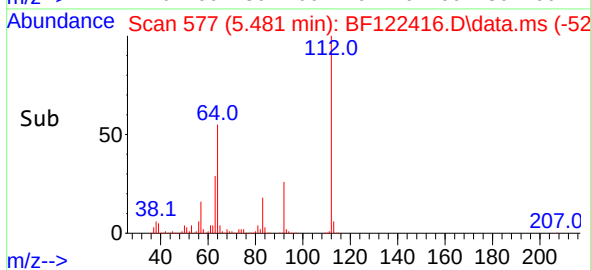
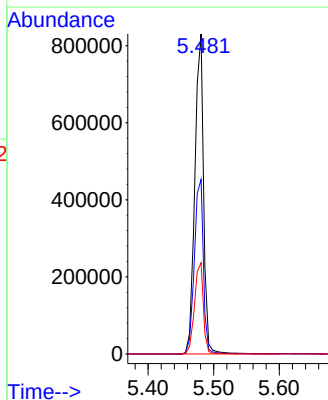
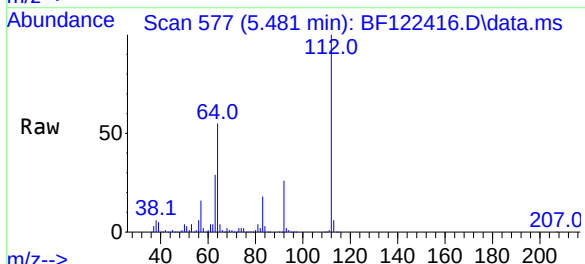
Instrument :
BNA_F
ClientSampleId :
MW-8

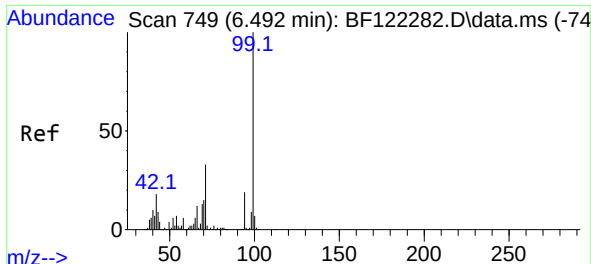
Tgt Ion:152 Resp: 215808
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 59.6 51.9 77.9



#5
2-Fluorophenol
Concen: 54.93 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion:112 Resp: 771996
Ion Ratio Lower Upper
112 100
64 54.6 50.4 75.6
63 28.5 25.8 38.6

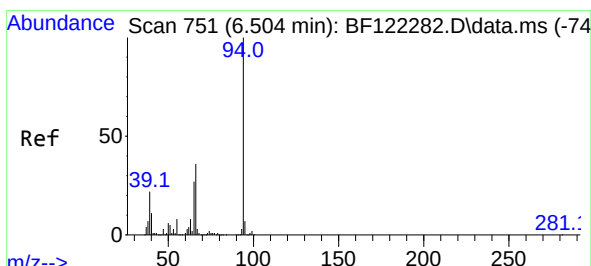
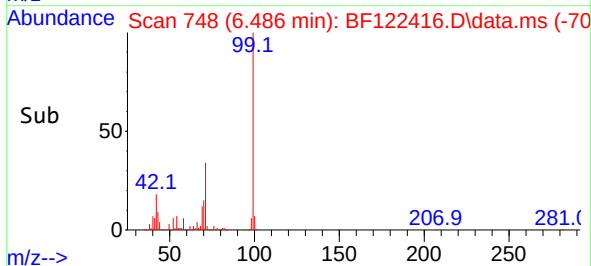
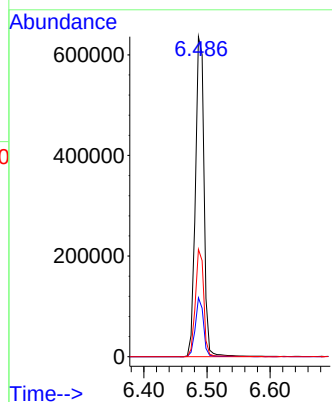
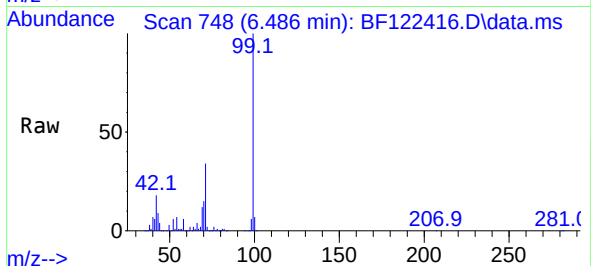




#7
Phenol-d6
Concen: 32.86 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

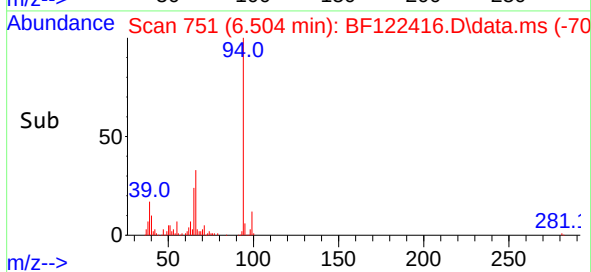
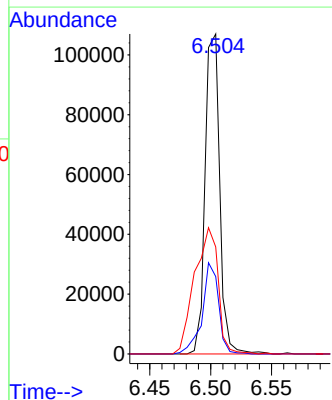
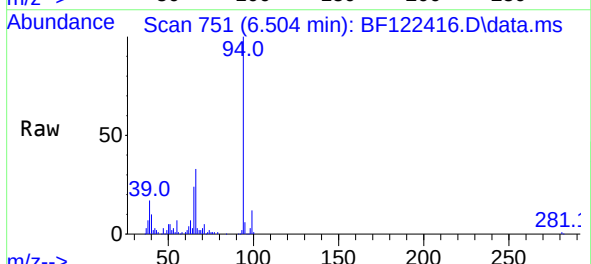
Instrument :
BNA_F
ClientSampleId :
MW-8

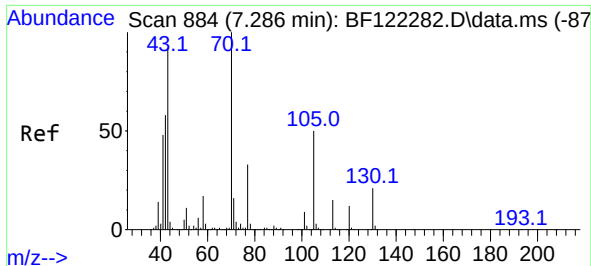
Tgt Ion: 99 Resp: 604232
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 33.6 27.1 40.7



#10
Phenol
Concen: 4.92 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

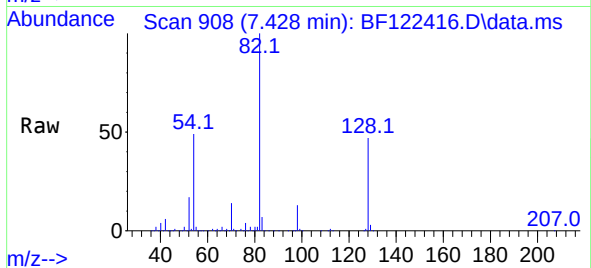
Tgt Ion: 94 Resp: 89132
Ion Ratio Lower Upper
94 100
65 24.2 17.1 57.1
66 33.5 36.0 76.0#



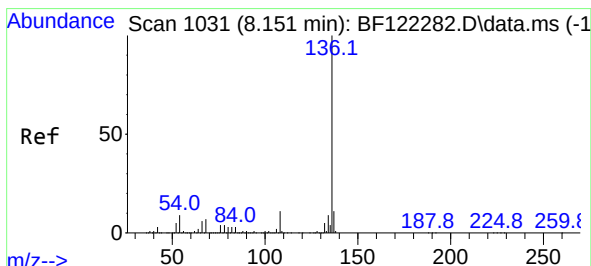
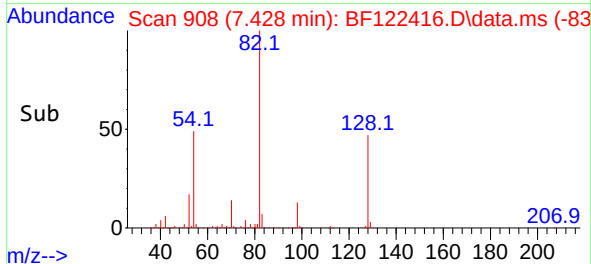
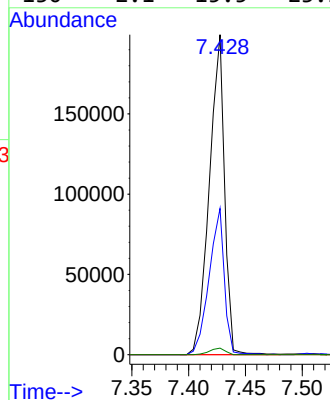


#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Instrument :
BNA_F
ClientSampleId :
MW-8

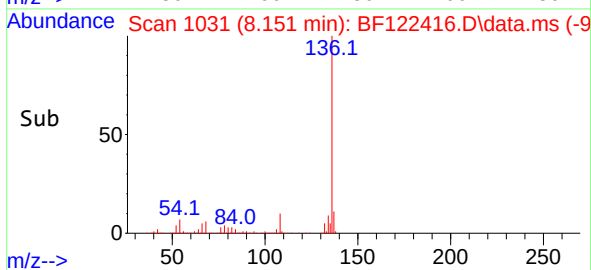
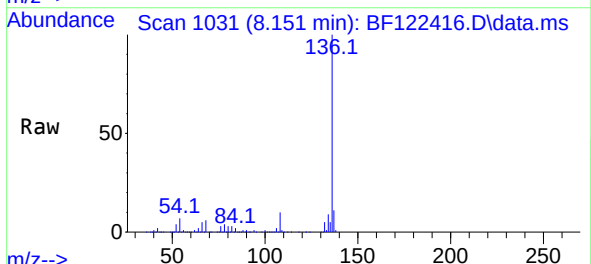
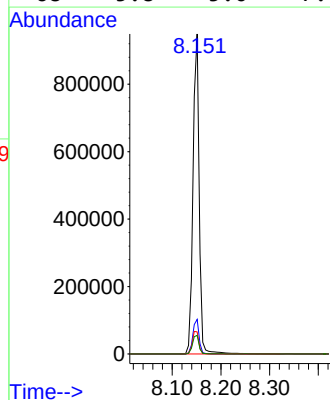


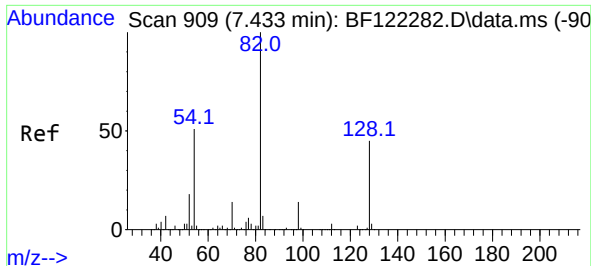
Tgt Ion: 70 Resp: 185534
Ion Ratio Lower Upper
70 100
42 45.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion: 136 Resp: 833061
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.9 7.1 10.7#
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.87 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122416.D

Acq: 20 Nov 2020 21:54

Tgt Ion: 82 Resp: 1359035

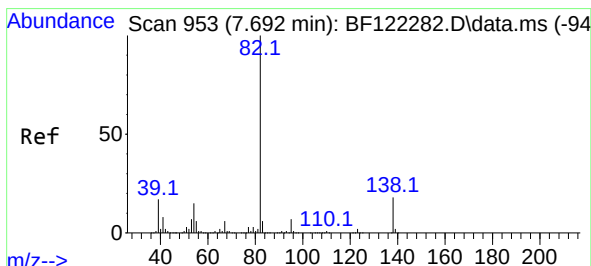
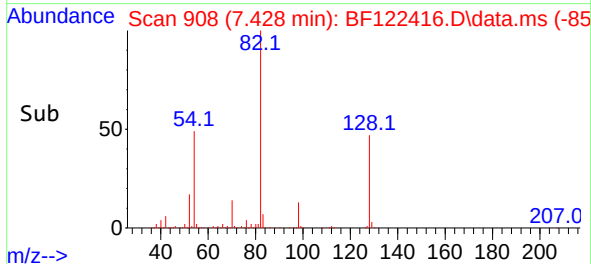
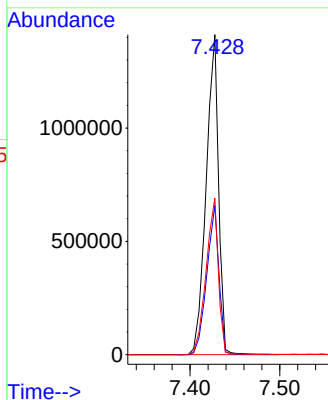
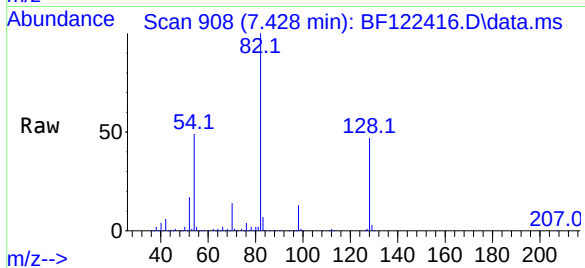
Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.0	52.4
54	48.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

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#25

Isophorone

Concen: 44.52 ng

RT: 7.428 min Scan# 908

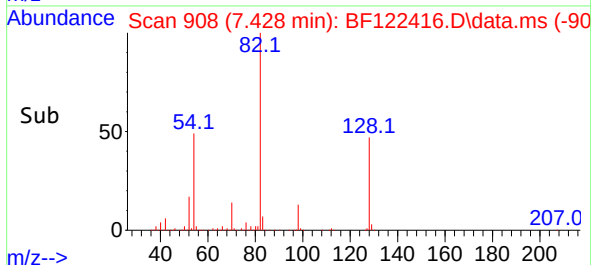
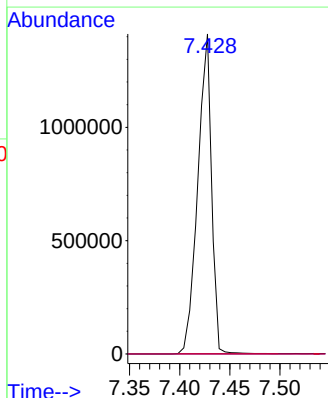
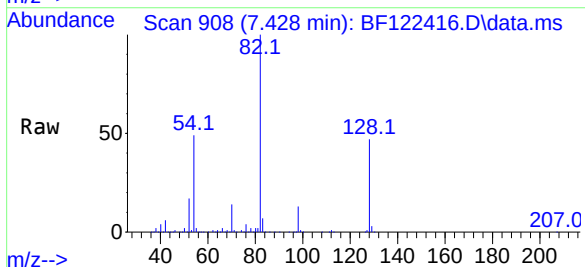
Delta R.T. -0.265 min

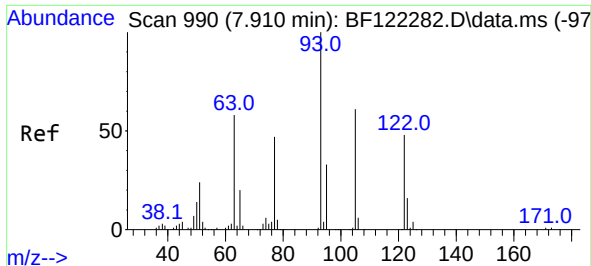
Lab File: BF122416.D

Acq: 20 Nov 2020 21:54

Tgt Ion: 82 Resp: 1350651

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

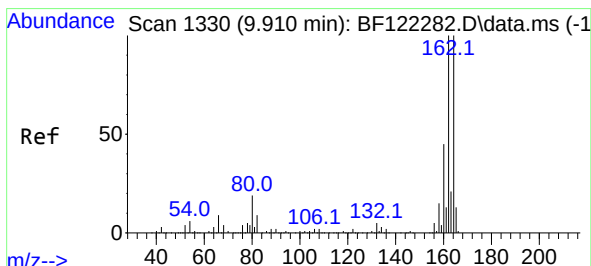
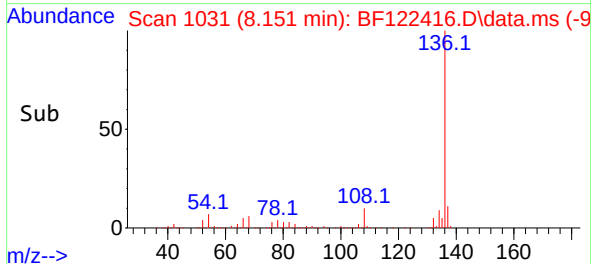
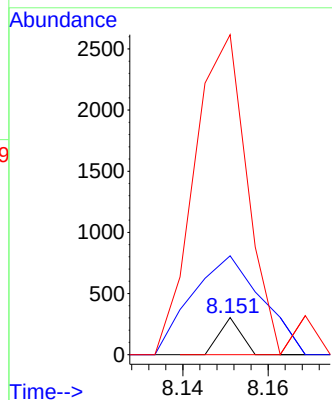
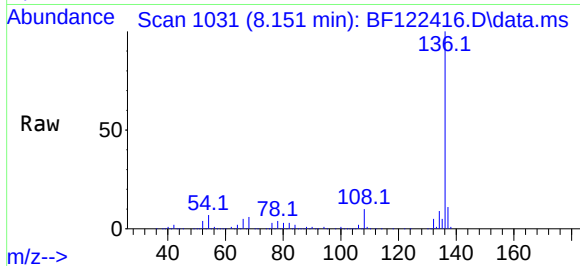




#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.212 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

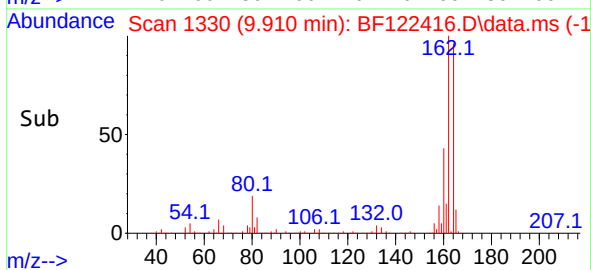
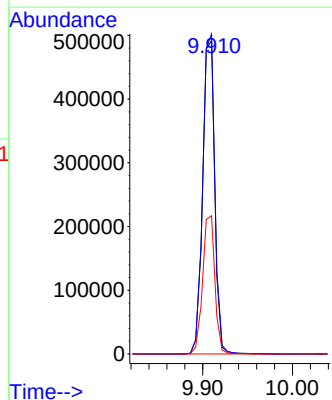
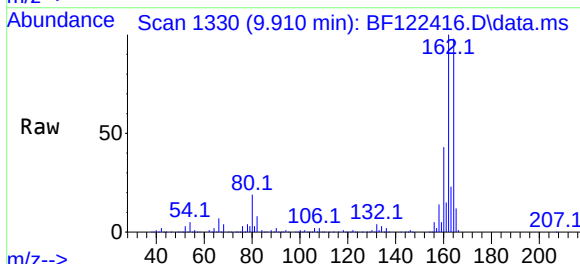
Instrument :
BNA_F
ClientSampled :
MW-8

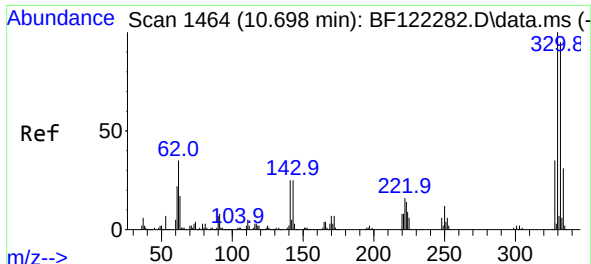
Tgt Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 267.0 103.3 143.3#
77 863.7 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion:164 Resp: 459226
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 44.1 37.5 56.3

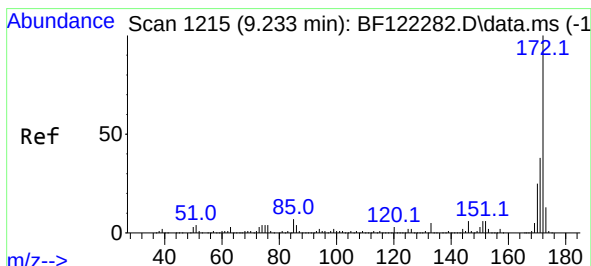
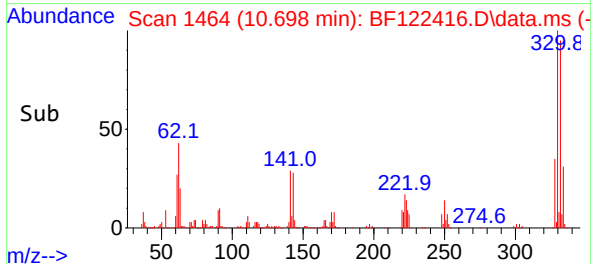
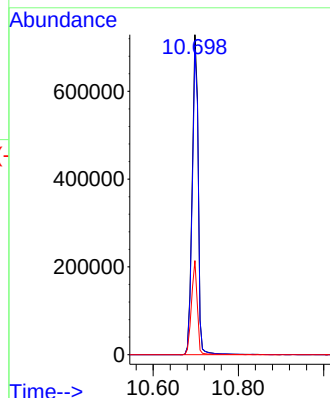
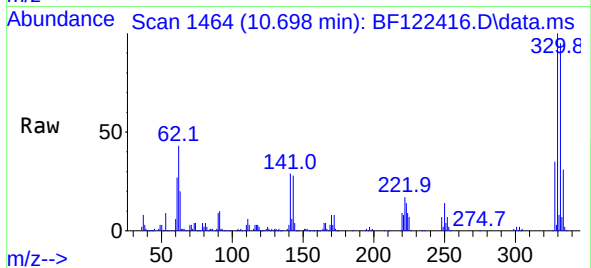




#42
2,4,6-Tribromophenol
Concen: 145.35 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

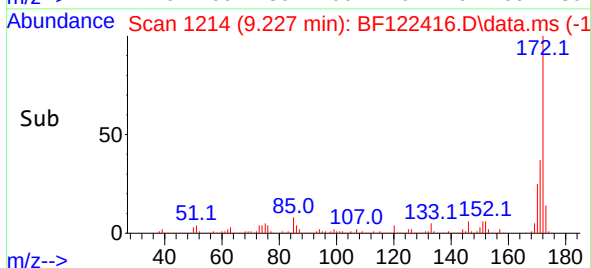
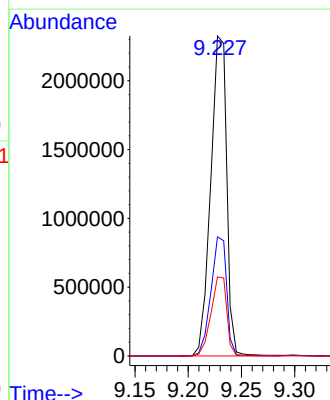
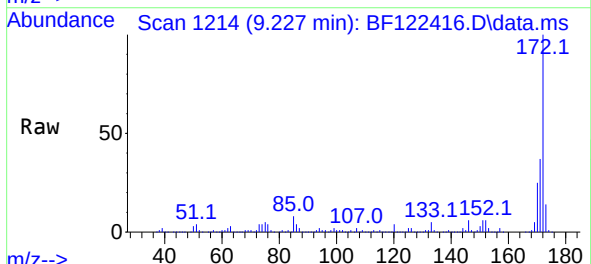
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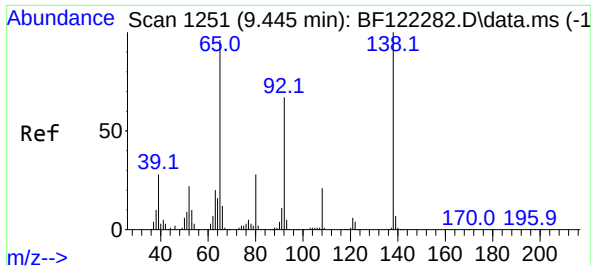
Tgt Ion: 330 Resp: 716400
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 28.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 82.76 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion: 172 Resp: 2432353
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 24.7 19.8 29.6

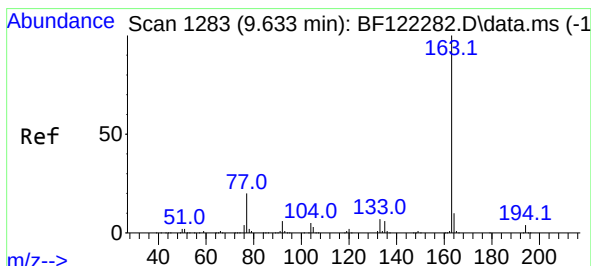
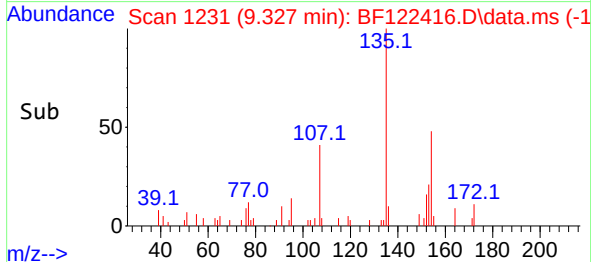
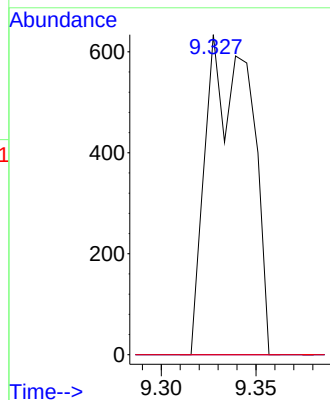
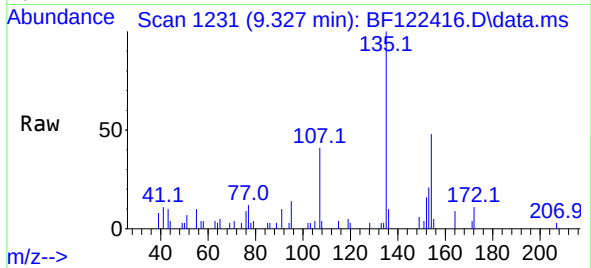




#48
2-Nitroaniline
Concen: 5.28 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.130 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

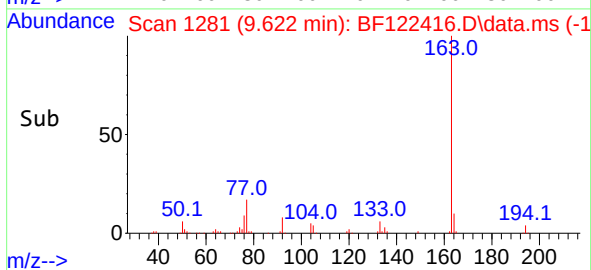
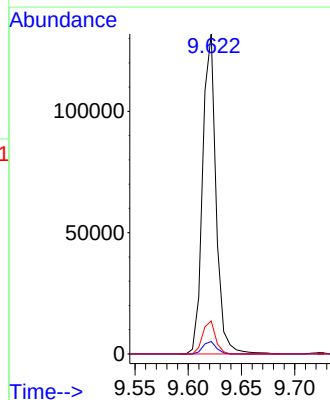
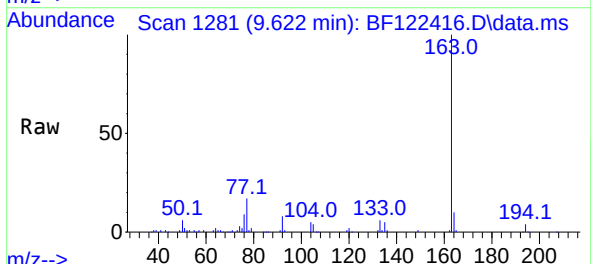
Instrument :
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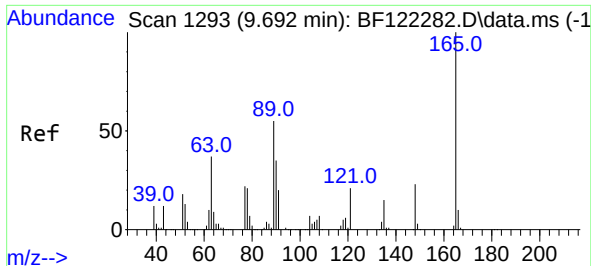
Tgt Ion: 65 Resp: 1040
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.56 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion: 163 Resp: 116084
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4

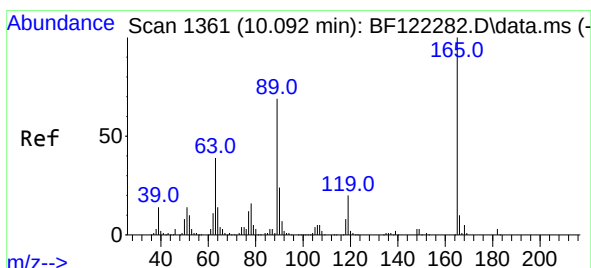
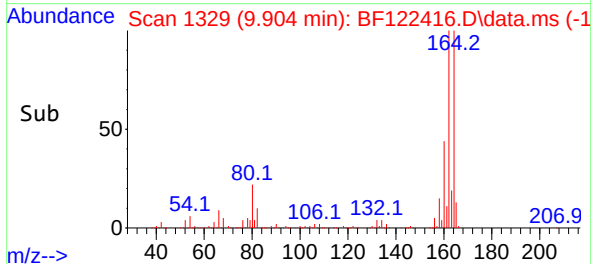
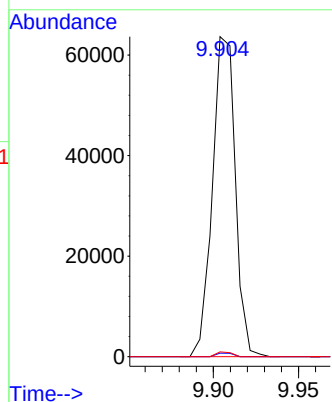
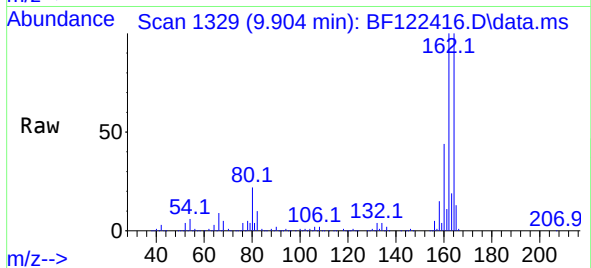




#51
2,6-Dinitrotoluene
Concen: 11.36 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

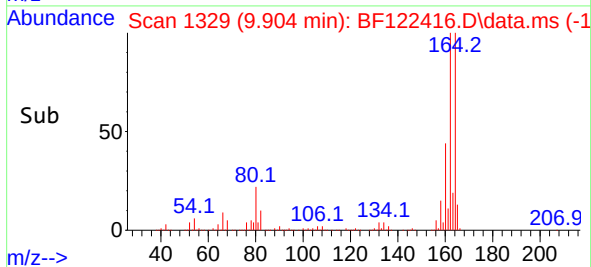
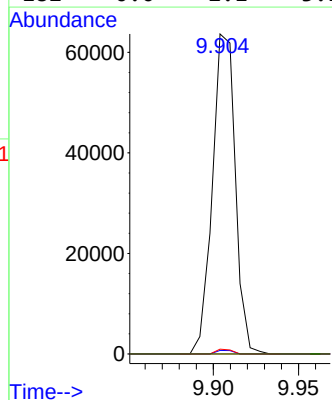
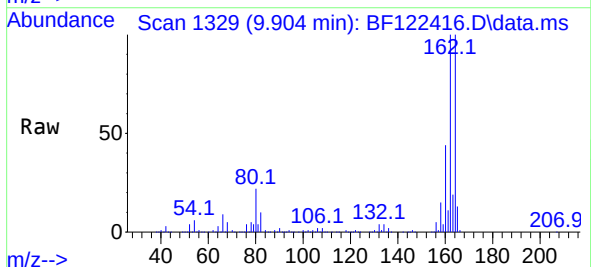
Instrument :
BNA_F
ClientSampled :
MW-8

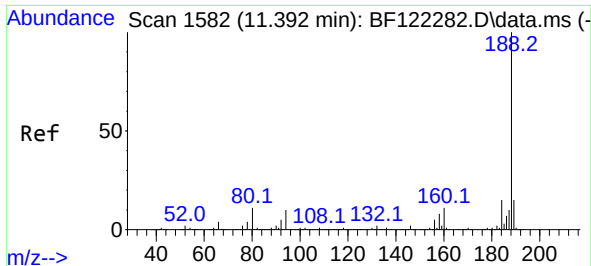
Tgt Ion:165 Resp: 59550
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion:165 Resp: 59550
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

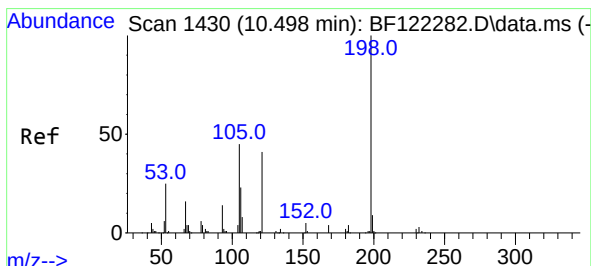
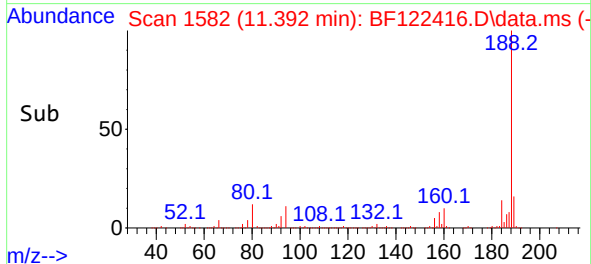
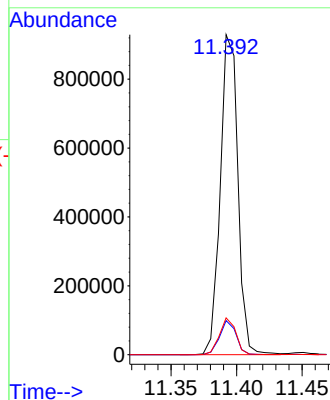
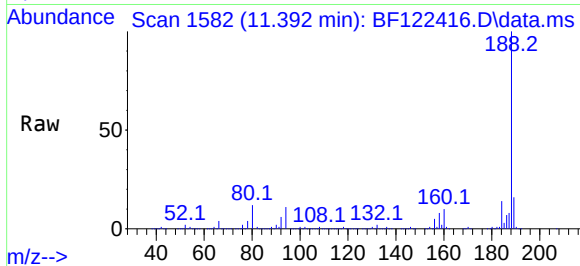




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

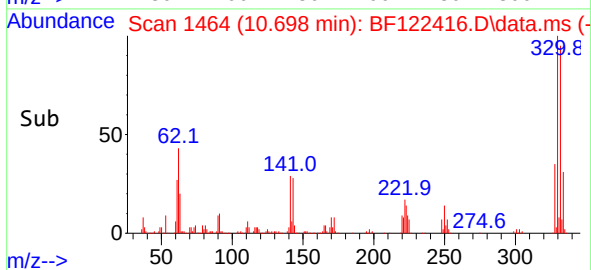
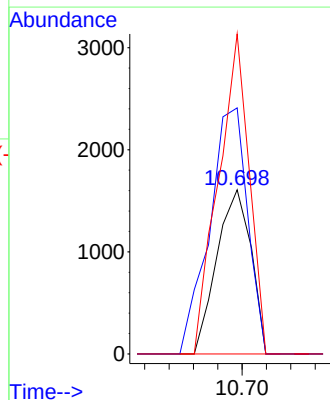
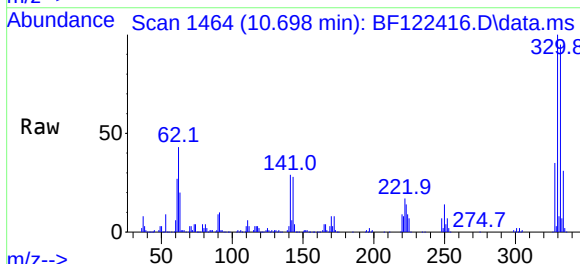
Instrument :
BNA_F
ClientSampleId :
MW-8

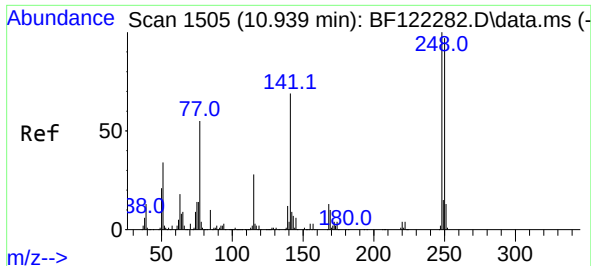
Tgt Ion:188	Resp:	865625
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.3 12.5
80	11.5	9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.68 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion:198	Resp:	1567
Ion Ratio	Lower	Upper
198	100	
51	149.9	29.6 69.6#
105	194.9	24.4 64.4#

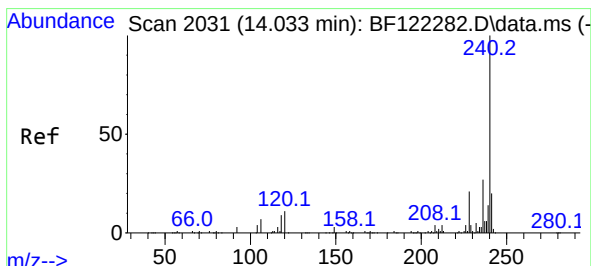
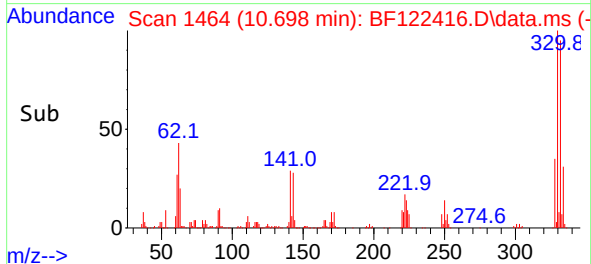
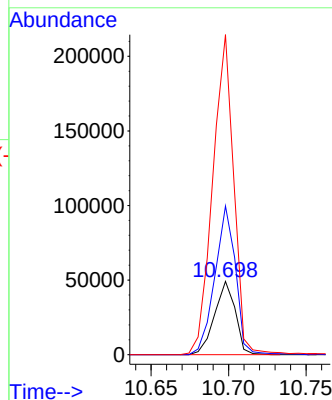
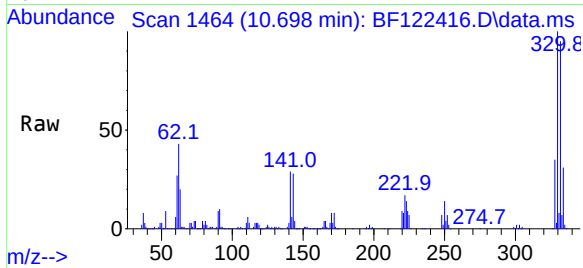




#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

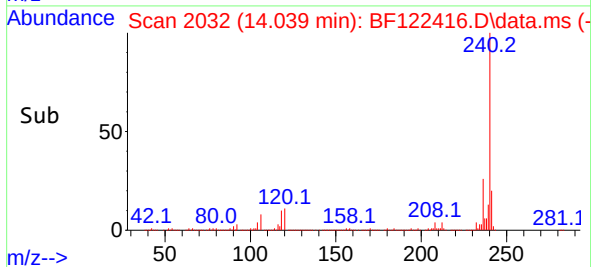
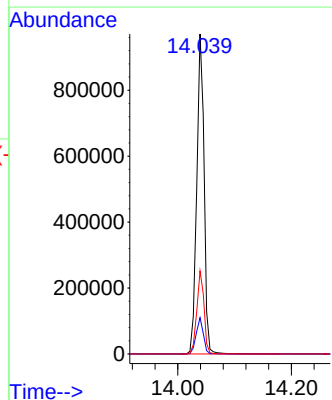
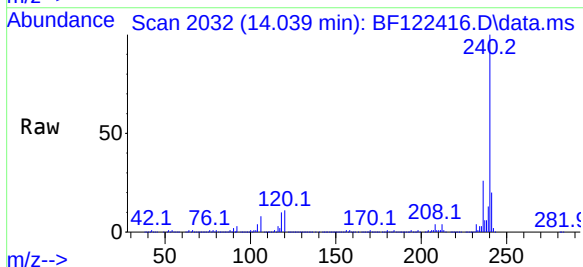
Instrument :
BNA_F
ClientSampled :
MW-8

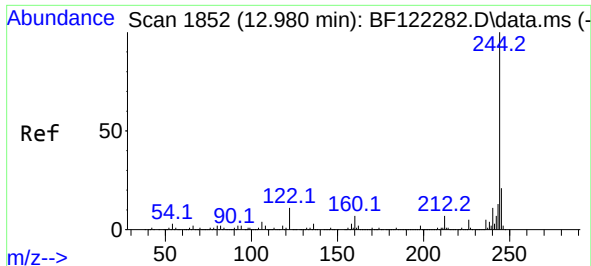
Tgt Ion:248 Resp: 45746
Ion Ratio Lower Upper
248 100
250 202.9 77.0 115.6#
141 436.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion:240 Resp: 877093
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3

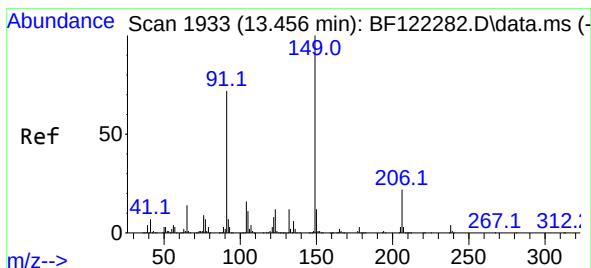
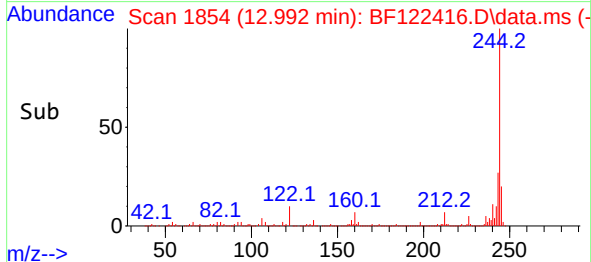
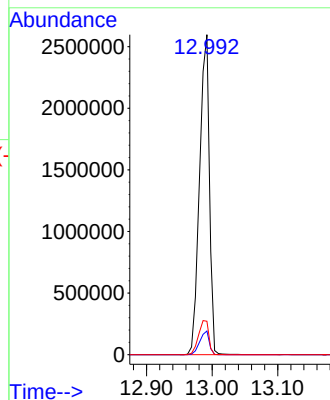
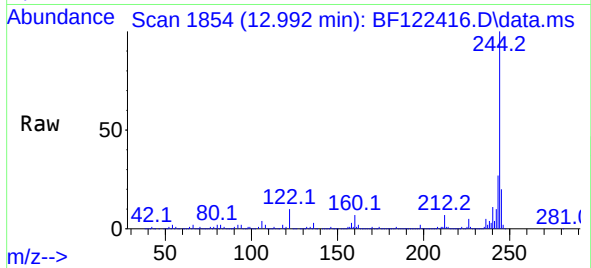




#79
Terphenyl-d14
Concen: 65.77 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

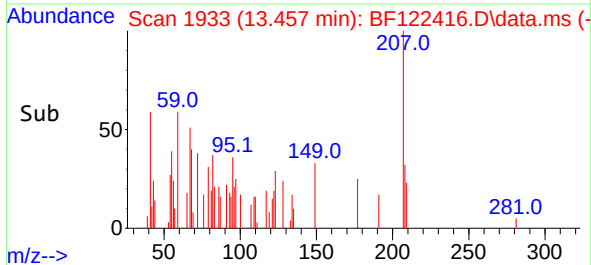
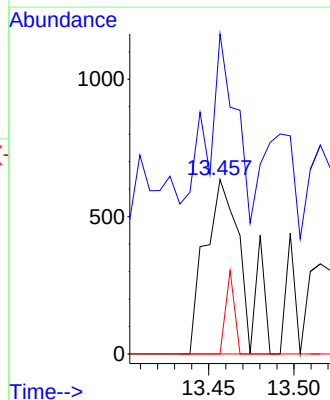
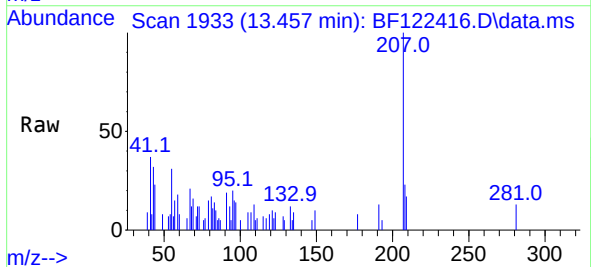
Instrument :
BNA_F
ClientSampleId :
MW-8

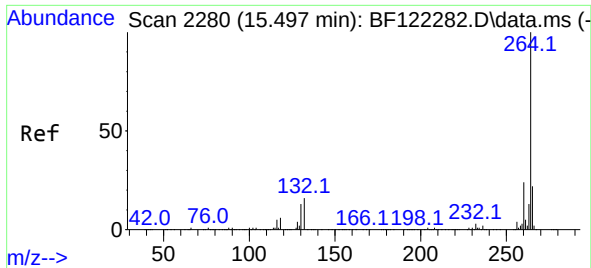
Tgt Ion:244 Resp: 2723092
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.5 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.33 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF122416.D
Acq: 20 Nov 2020 21:54

Tgt Ion:149 Resp: 992
Ion Ratio Lower Upper
149 100
91 183.5 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: BF122416.D
 Acq: 20 Nov 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tgt Ion:264 Resp: 903247
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.9 17.3 25.9

