

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122425.D
 Acq On : 21 Nov 2020 17:36
 Operator : JU/CG
 Sample : L4829-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Nov 23 01:00:06 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)

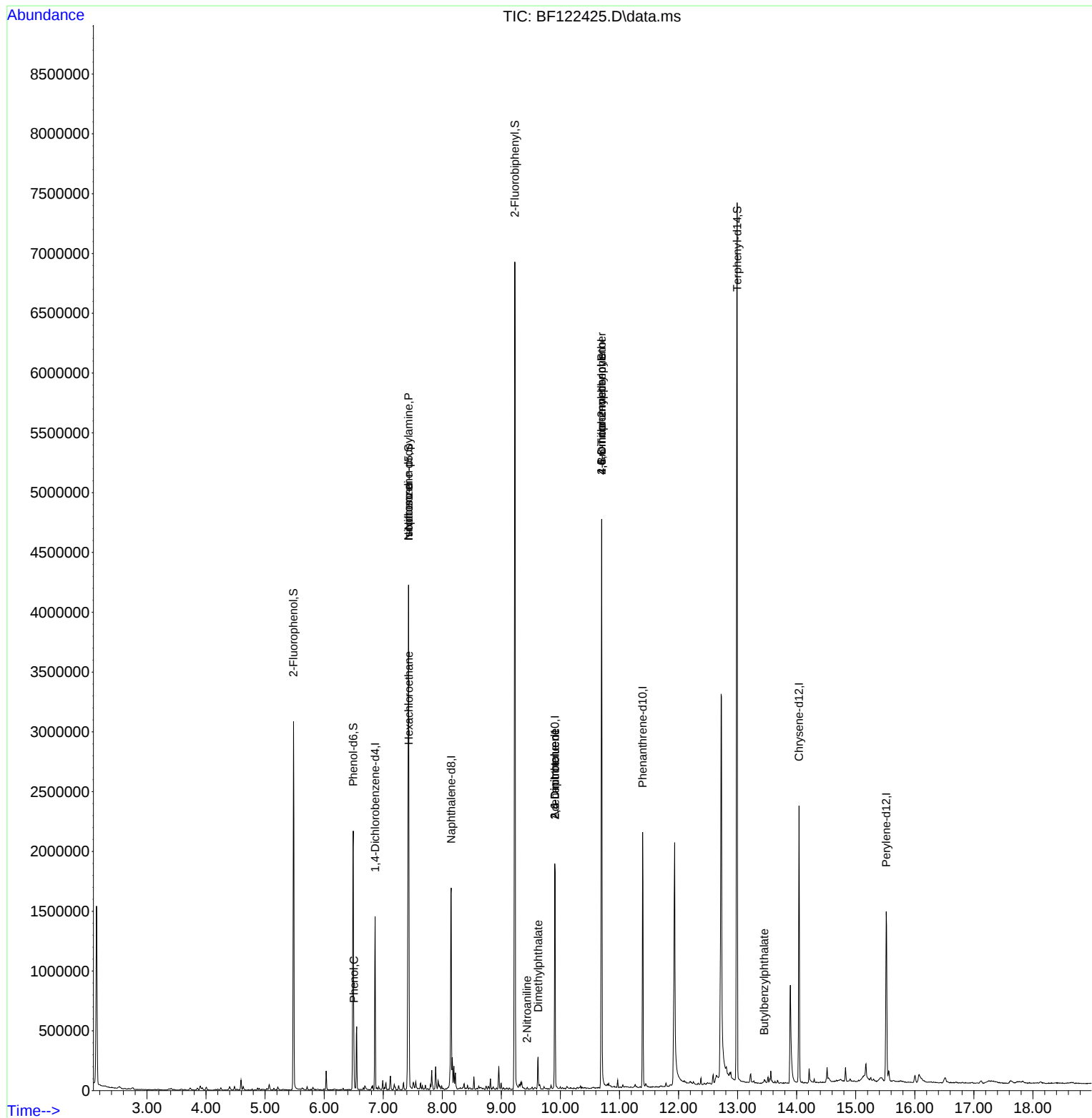
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	199981	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	789945	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	412222	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	774850	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	764566	20.00	ng	-0.01
86) Perylene-d12	15.515	264	704667	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	850952	65.34	ng	-0.01
7) Phenol-d6	6.493	99	758462	44.52	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1397960	108.34	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	627595	141.85	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2410438	91.36	ng	0.00
79) Terphenyl-d14	12.992	244	2525647	69.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	2190	Below Cal	#	3
10) Phenol	6.504	94	90533	5.40	ng	# 72
18) Hexachloroethane	7.434	117	243414	45.38	ng	# 5
19) n-Nitroso-di-n-propyla...	7.428	70	188534	18.52	ng	# 76
25) Isophorone	7.428	82	1382888	48.07	ng	# 67
48) 2-Nitroaniline	9.434	65	403	5.21	ng	# 6
50) Dimethylphthalate	9.622	163	111094	3.79	ng	100
51) 2,6-Dinitrotoluene	9.904	165	54496	11.51	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	54497	10.70	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1254	6.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	40981	4.50	ng	# 1
80) Butylbenzylphthalate	13.451	149	1457	3.35	ng	# 14

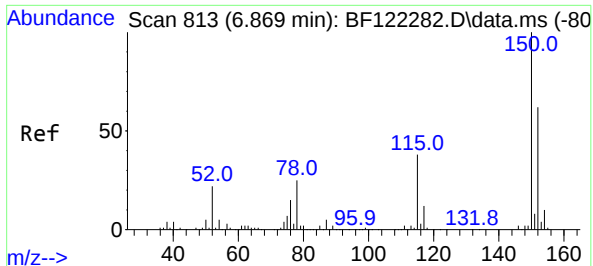
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

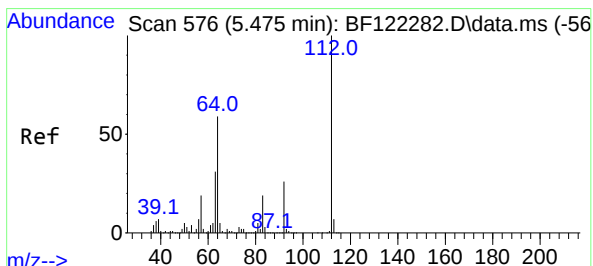
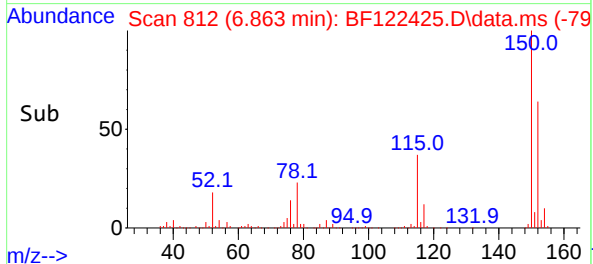
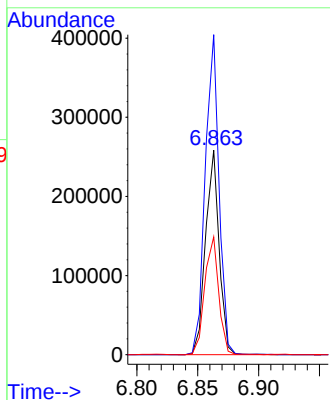
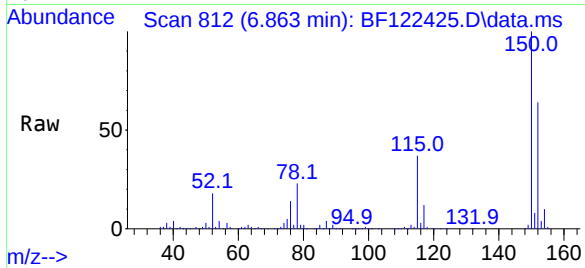




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

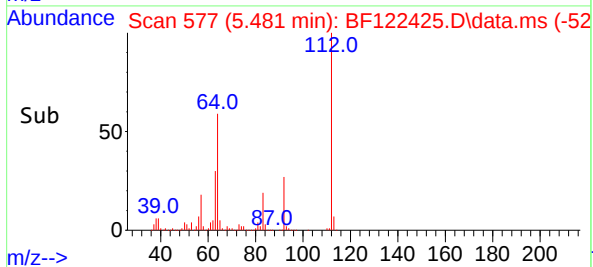
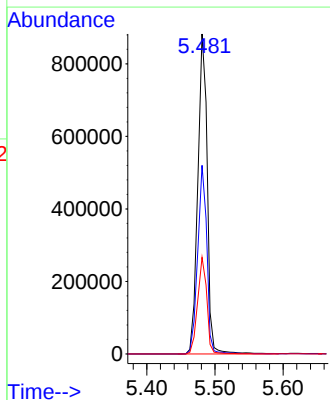
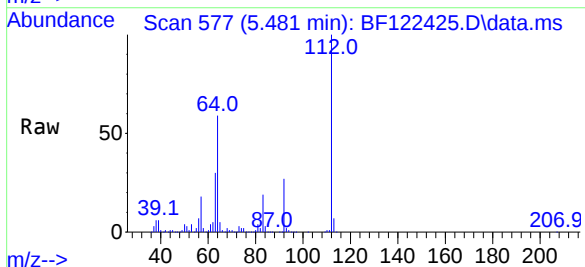
Instrument :
BNA_F
ClientSampleId :
MW-9

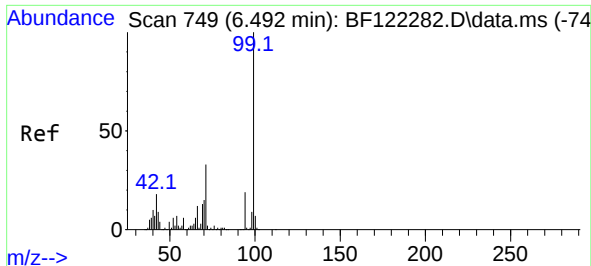
Tgt Ion:152 Resp: 199981
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 57.6 51.9 77.9



#5
2-Fluorophenol
Concen: 65.34 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:112 Resp: 850952
Ion Ratio Lower Upper
112 100
64 58.9 50.4 75.6
63 30.2 25.8 38.6

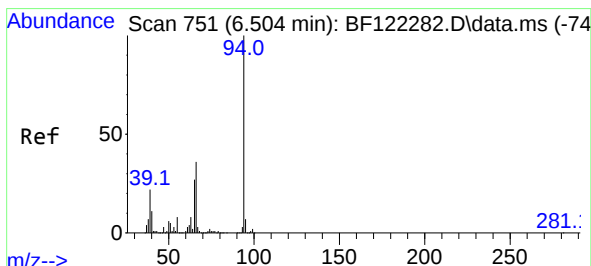
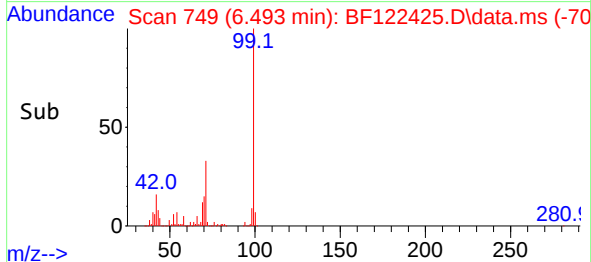
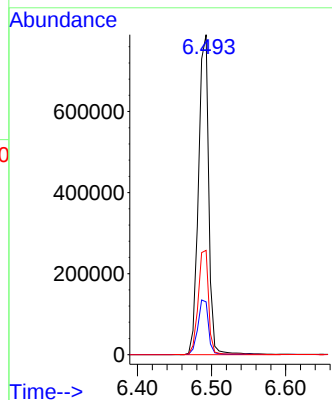
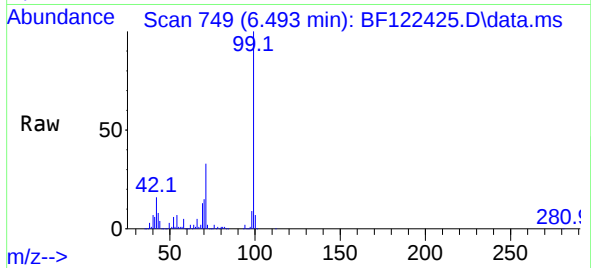




#7
Phenol-d6
Concen: 44.52 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

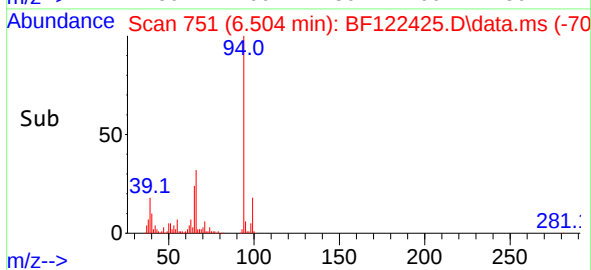
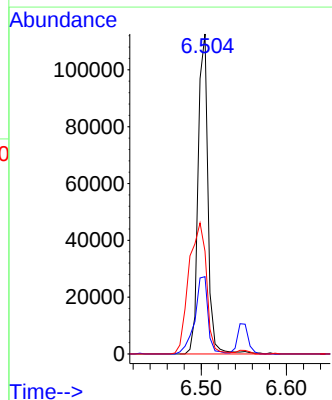
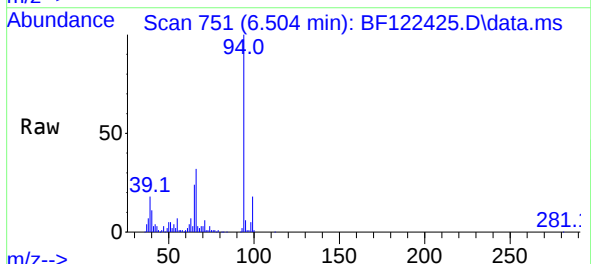
Instrument :
BNA_F
ClientSampled :
MW-9

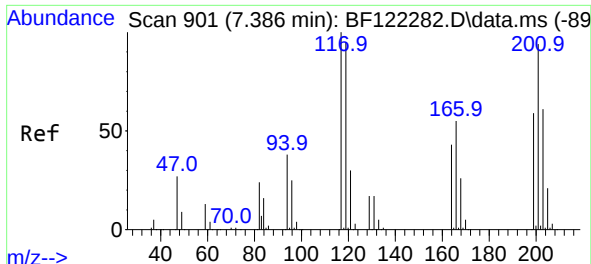
Tgt Ion: 99 Resp: 758462
Ion Ratio Lower Upper
99 100
42 16.5 15.9 23.9
71 32.6 27.1 40.7



#10
Phenol
Concen: 5.40 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion: 94 Resp: 90533
Ion Ratio Lower Upper
94 100
65 24.2 17.1 57.1
66 32.1 36.0 76.0#

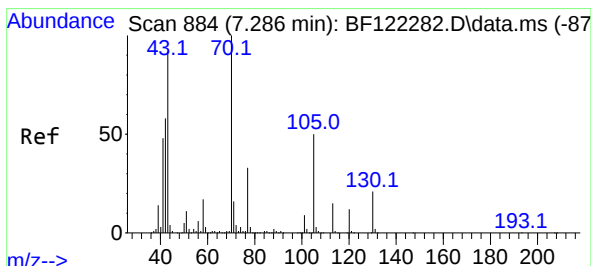
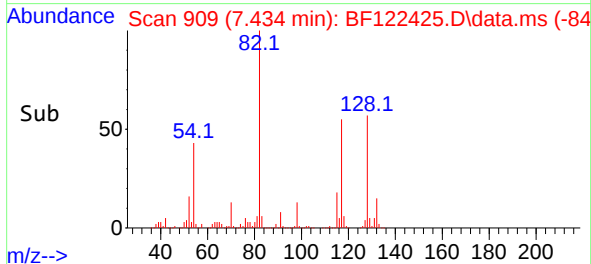
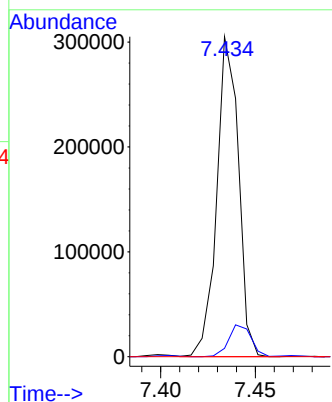
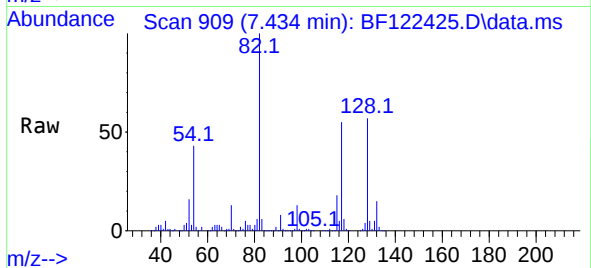




#18
Hexachloroethane
Concen: 45.38 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.053 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

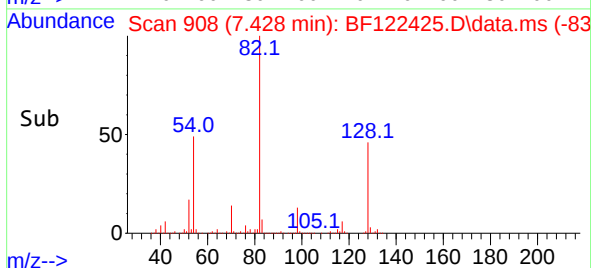
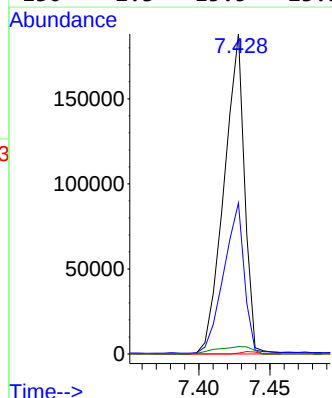
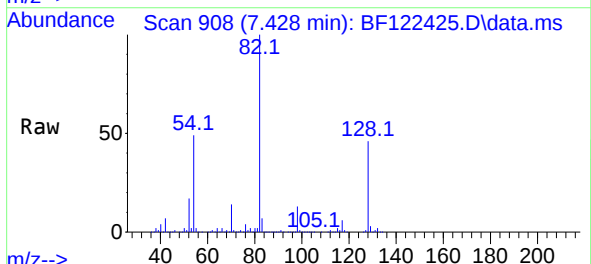
Instrument :
BNA_F
ClientSampleId :
MW-9

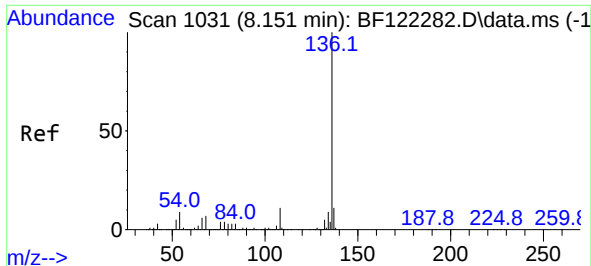
Tgt Ion:117 Resp: 243414
Ion Ratio Lower Upper
117 100
119 2.6 76.3 114.5#
201 0.0 71.8 107.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.52 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion: 70 Resp: 188534
Ion Ratio Lower Upper
70 100
42 47.2 50.2 75.4#
101 0.2 7.5 11.3#
130 2.3 15.5 23.3#



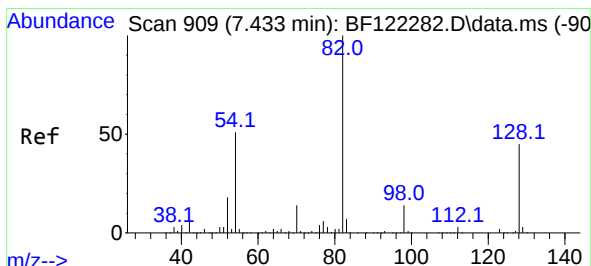
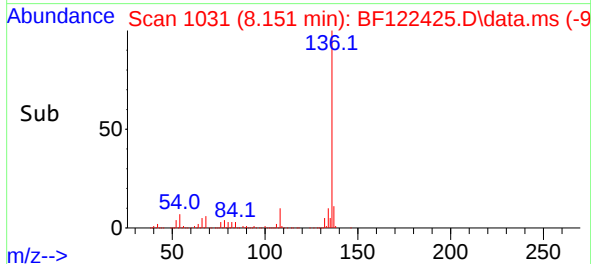
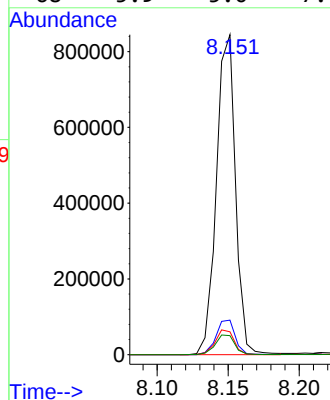
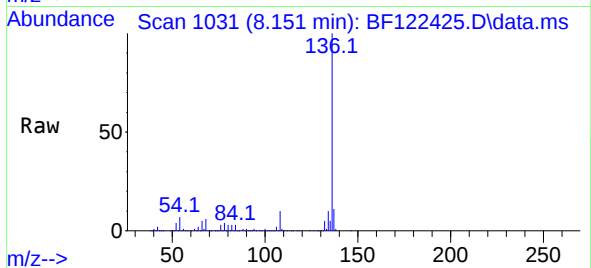


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:136 Resp: 789945

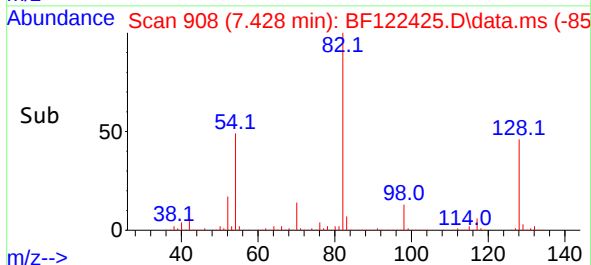
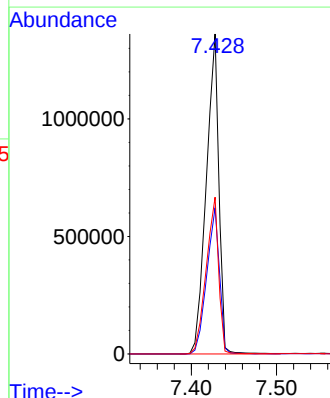
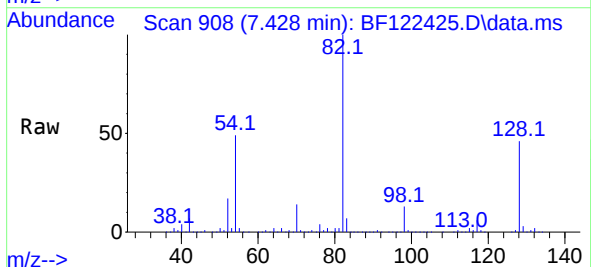
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	7.1	10.7
68	5.9	5.0	7.4

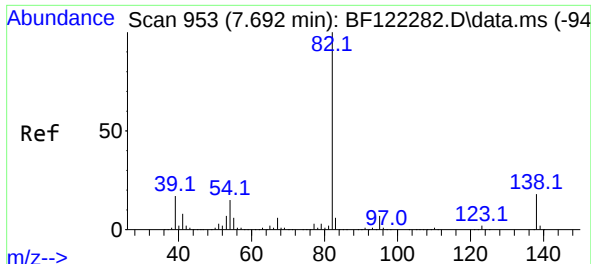


#23
Nitrobenzene-d5
Concen: 108.34 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion: 82 Resp: 1397960

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.0	52.4
54	49.0	43.9	65.9

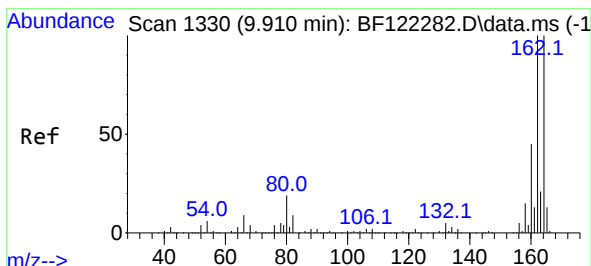
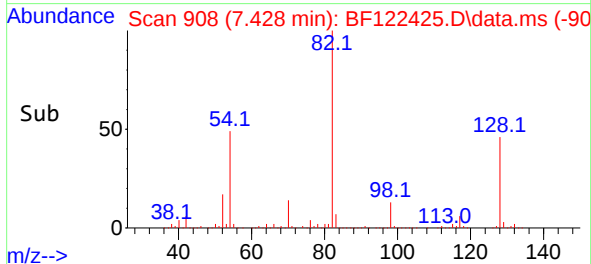
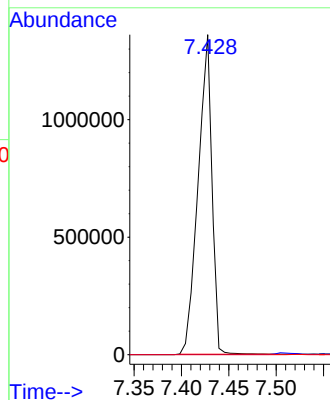
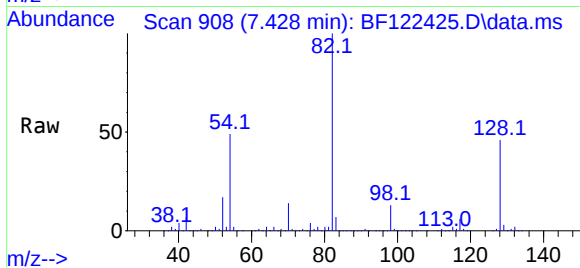




#25
Isophorone
Concen: 48.07 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

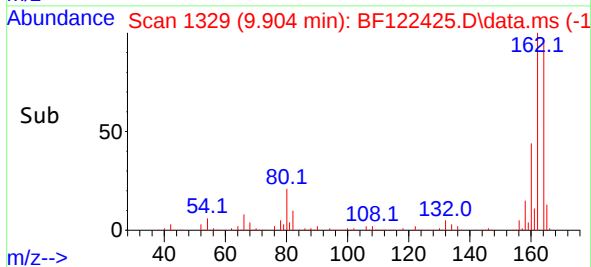
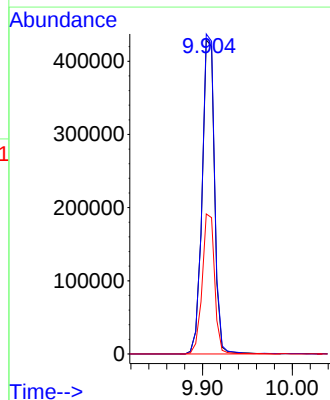
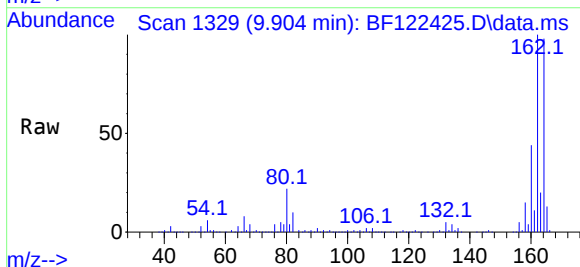
Instrument :
BNA_F
ClientSampleId :
MW-9

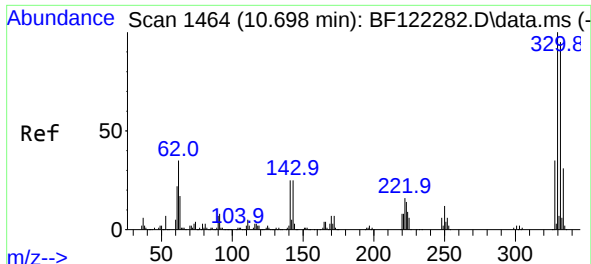
Tgt Ion: 82 Resp: 1382888
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:164 Resp: 412222
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 44.6 37.5 56.3

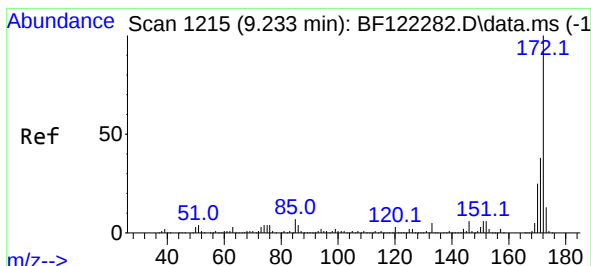
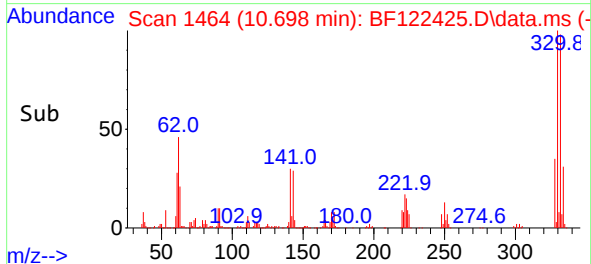
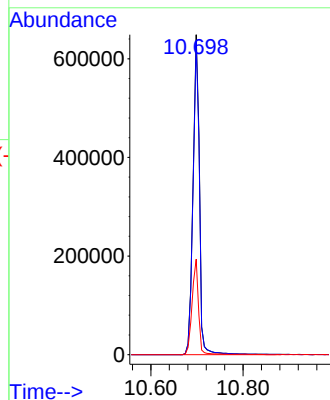
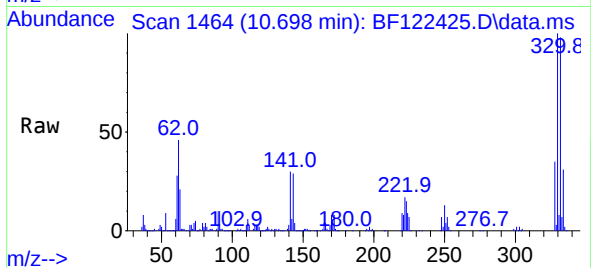




#42
2,4,6-Tribromophenol
Concen: 141.85 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

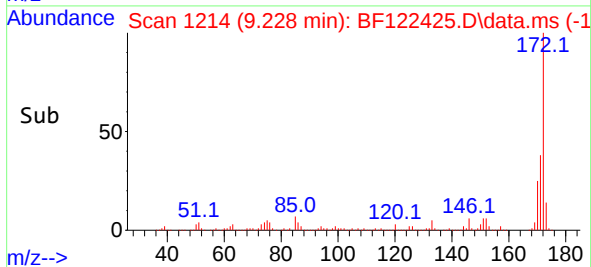
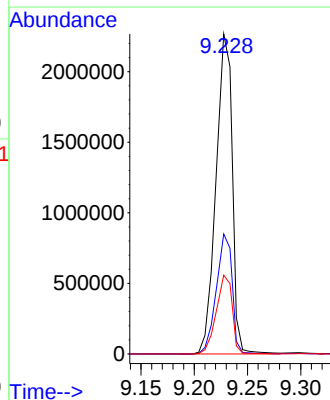
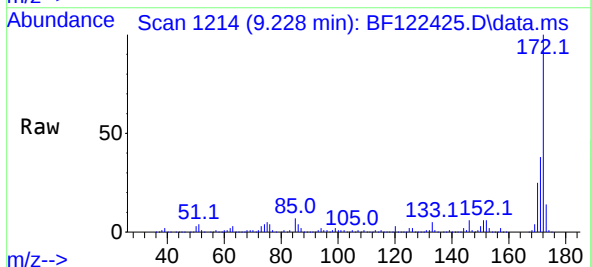
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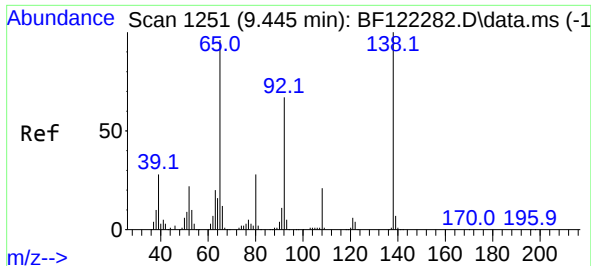
Tgt Ion:330 Resp: 627595
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 91.36 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:172 Resp: 2410438
Ion Ratio Lower Upper
172 100
171 37.5 29.1 43.7
170 24.6 19.8 29.6

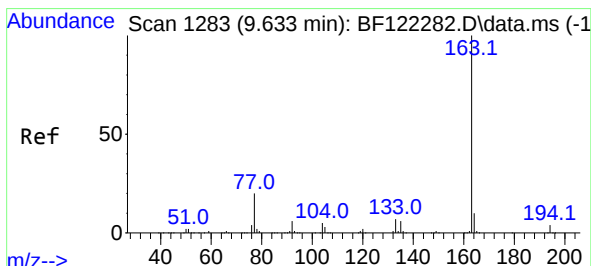
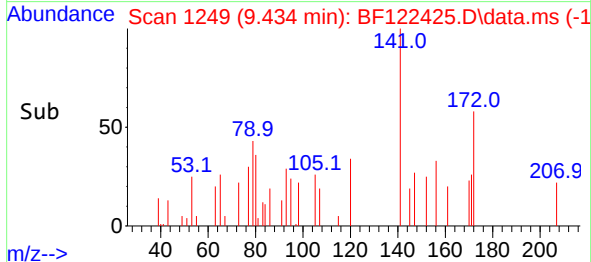
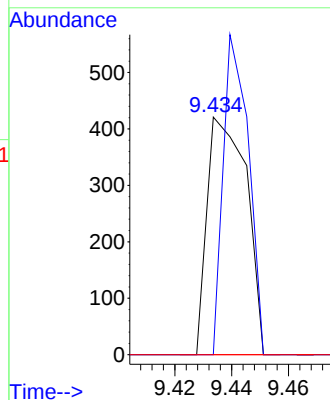
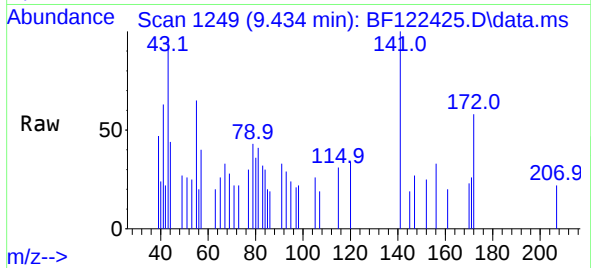




#48
2-Nitroaniline
Concen: 5.21 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.024 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

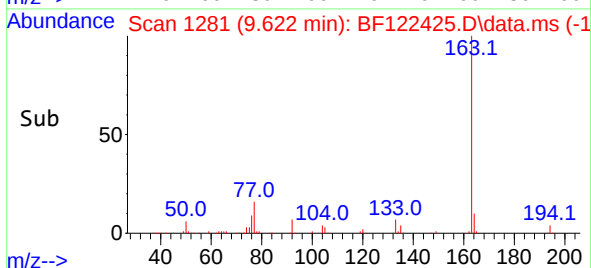
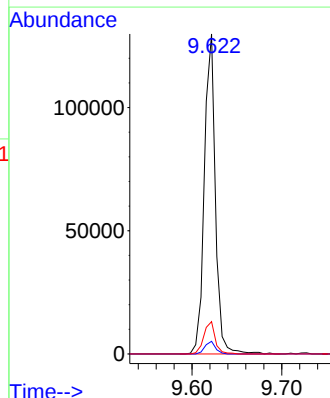
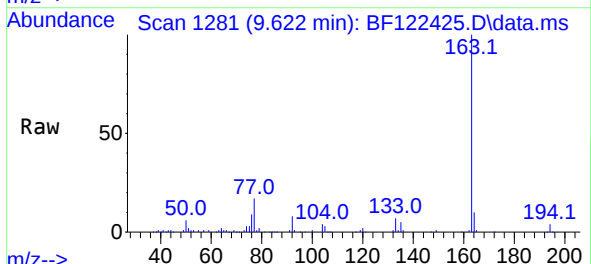
Instrument :
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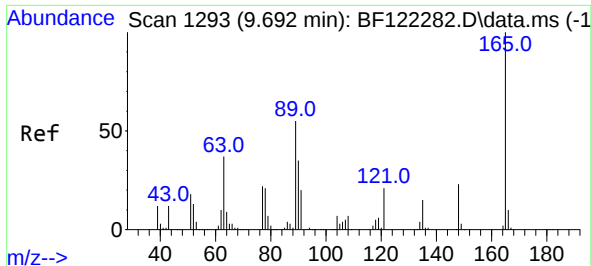
Tgt Ion: 65 Resp: 403
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.79 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion: 163 Resp: 111094
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.4

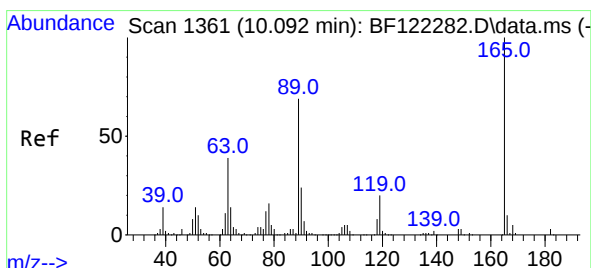
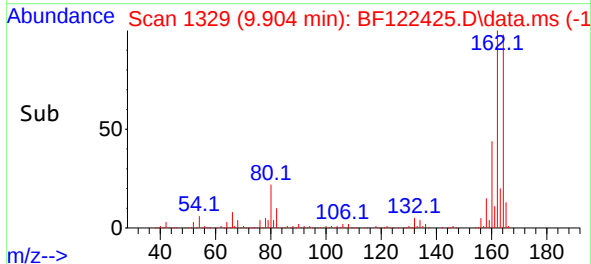
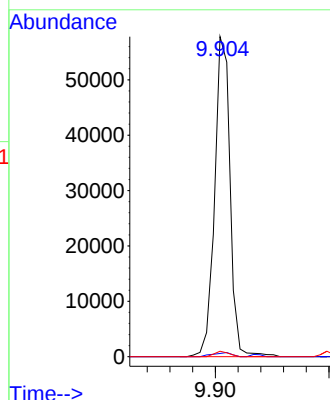
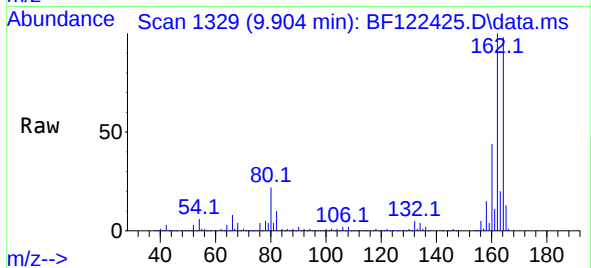




#51
2,6-Dinitrotoluene
Concen: 11.51 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

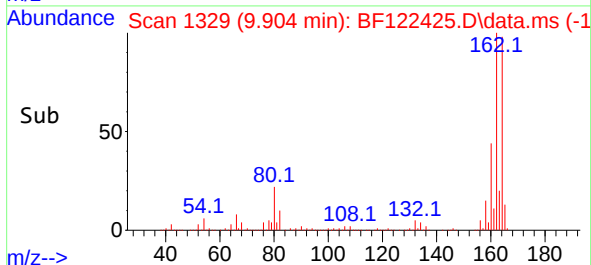
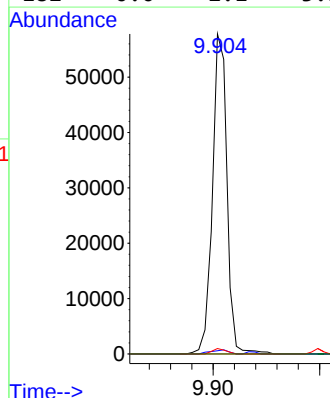
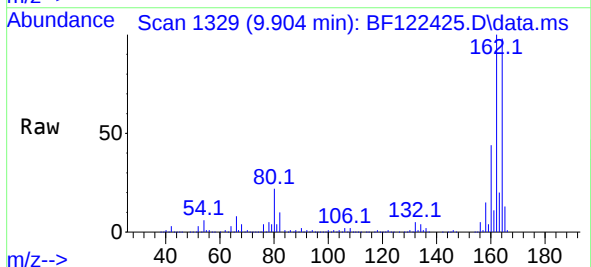
Instrument :
BNA_F
ClientSampled :
MW-9

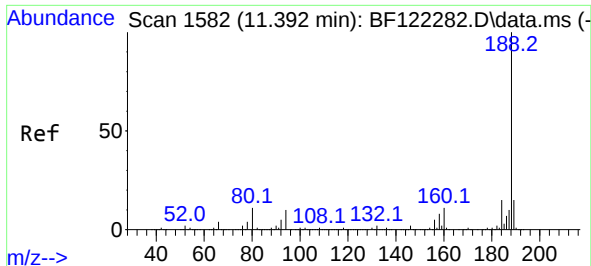
Tgt Ion:165 Resp: 54496
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.7 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.70 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:165 Resp: 54497
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

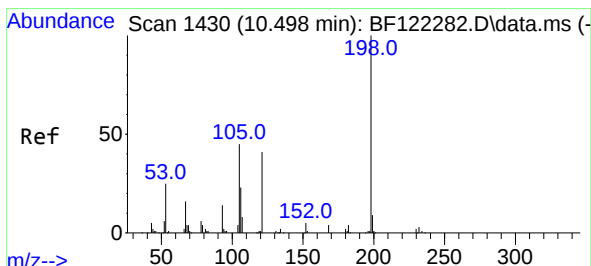
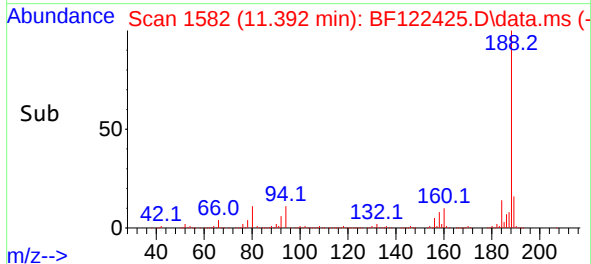
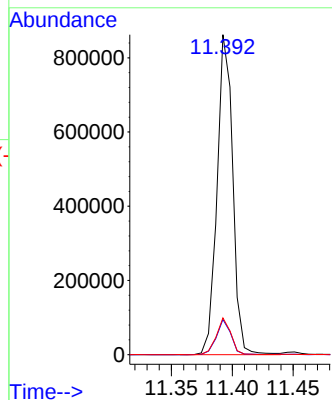
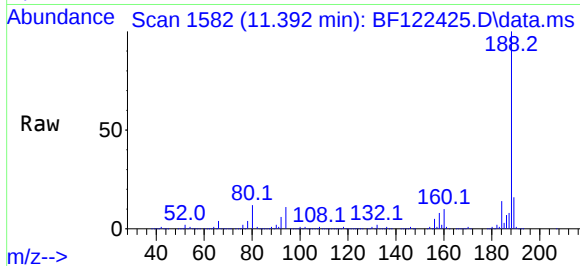




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

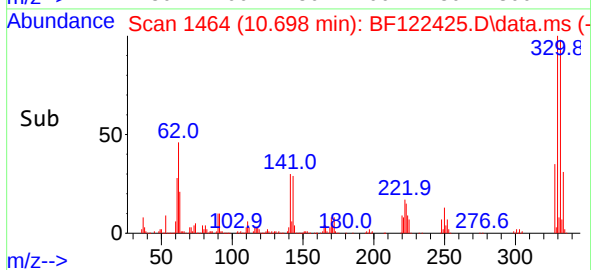
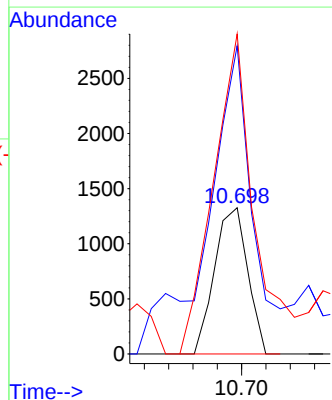
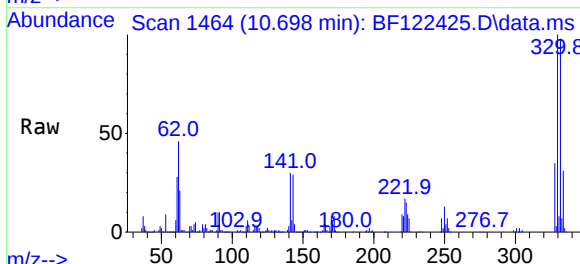
Instrument :
BNA_F
ClientSampleId :
MW-9

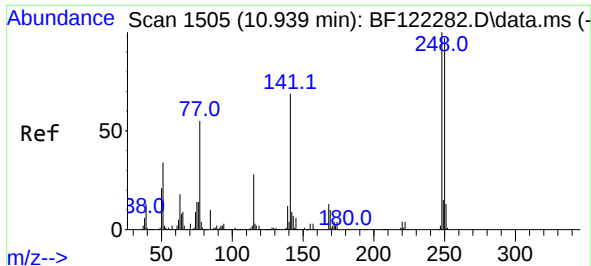
Tgt Ion:188 Resp: 774850
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.62 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:198 Resp: 1254
Ion Ratio Lower Upper
198 100
51 210.7 29.6 69.6#
105 218.8 24.4 64.4#

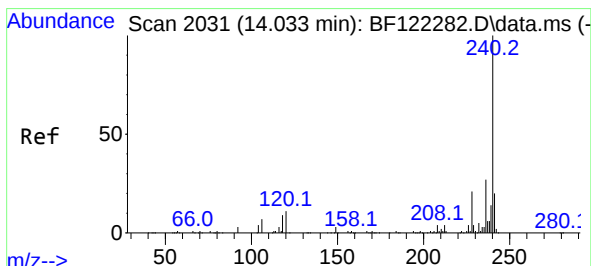
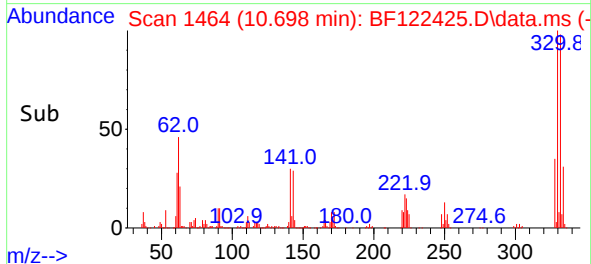
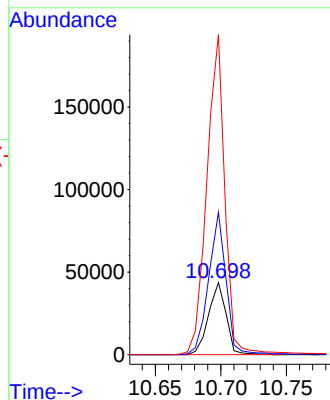
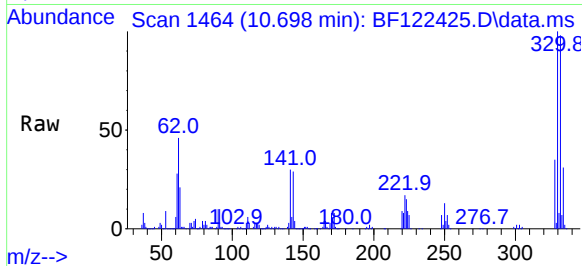




#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

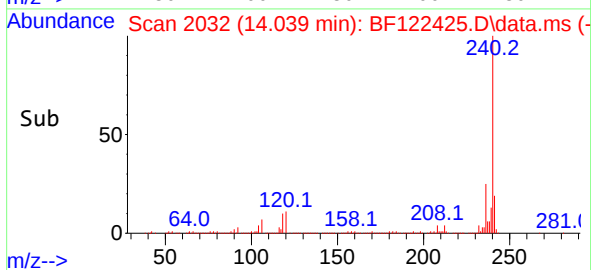
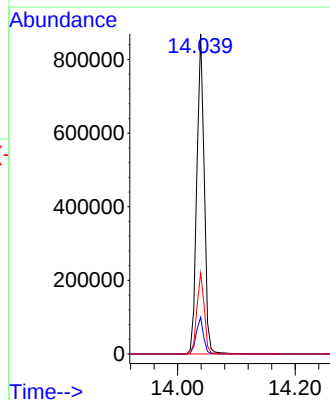
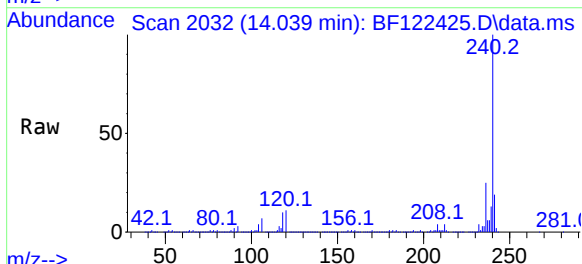
Instrument :
BNA_F
ClientSampleId :
MW-9

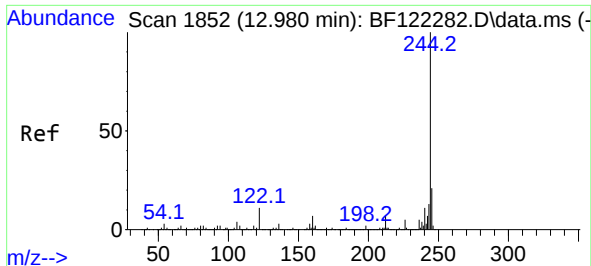
Tgt Ion:248 Resp: 40981
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.6#
141 443.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:240 Resp: 764566
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.4 20.9 31.3

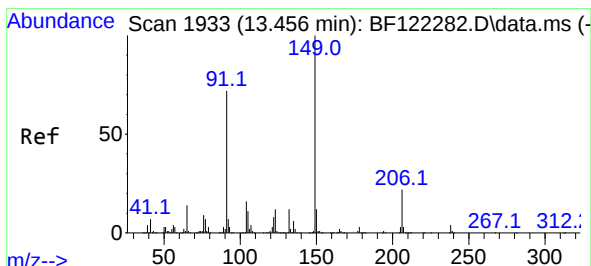
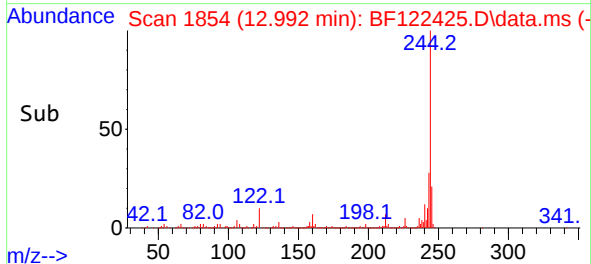
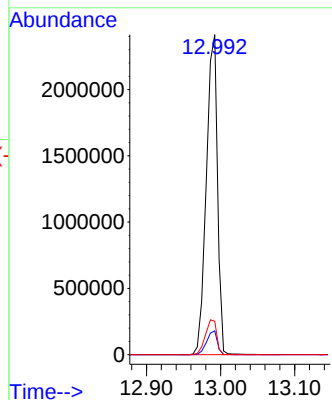
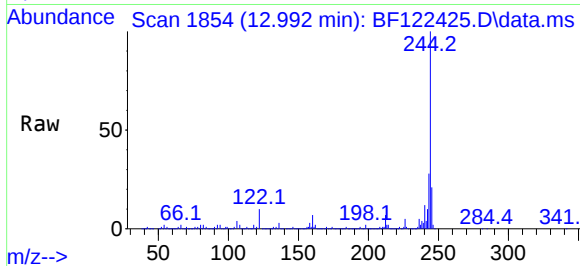




#79
Terphenyl-d14
Concen: 69.98 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

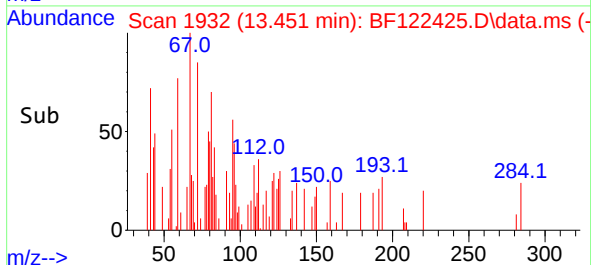
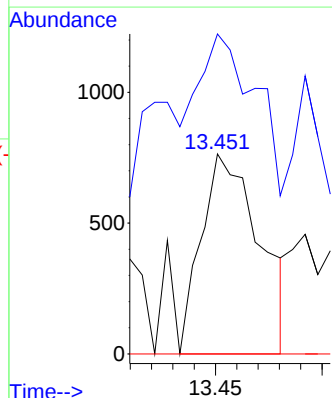
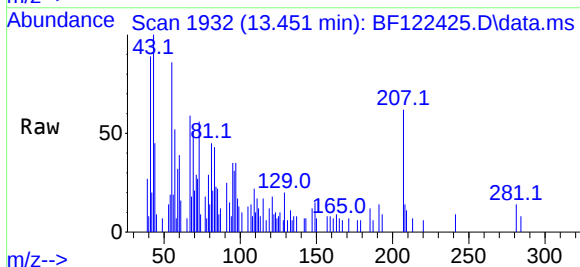
Instrument :
BNA_F
ClientSampleId :
MW-9

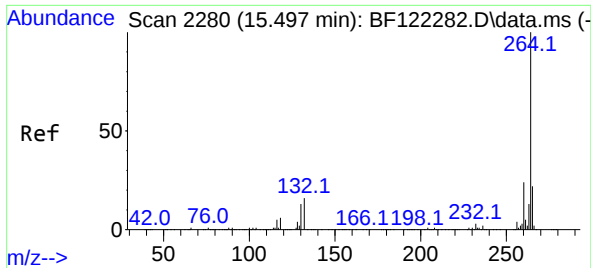
Tgt Ion:244 Resp: 2525647
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 10.5 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.35 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BF122425.D
Acq: 21 Nov 2020 17:36

Tgt Ion:149 Resp: 1457
Ion Ratio Lower Upper
149 100
91 160.1 61.0 91.4#
206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.018 min
 Lab File: BF122425.D
 Acq: 21 Nov 2020 17:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:264 Resp: 704667
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.2 17.3 25.9

