

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122412.D
 Acq On : 20 Nov 2020 19:49
 Operator : JU/CG
 Sample : L4826-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WW-000-04

Quant Time: Nov 20 23:54:28 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)

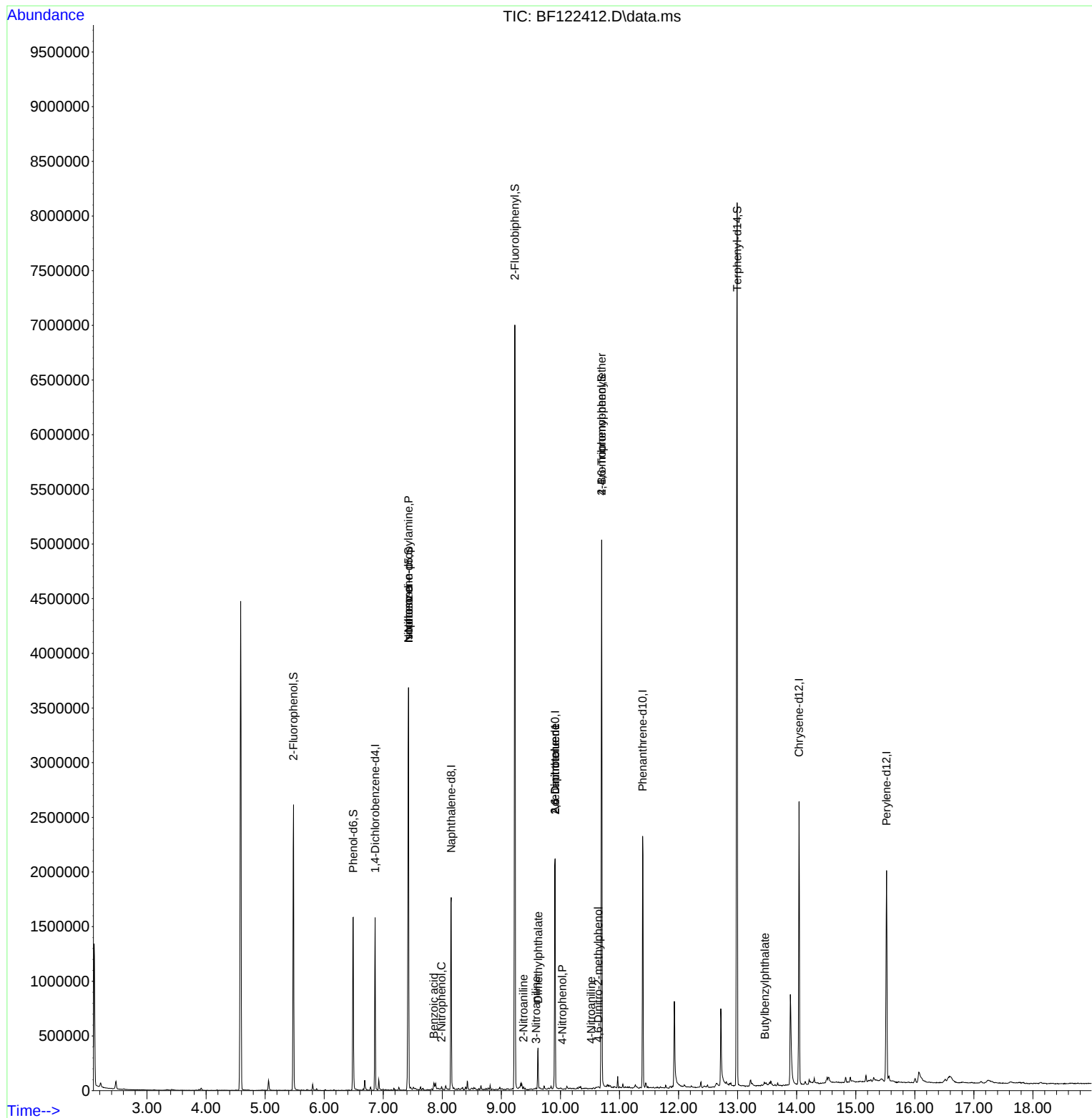
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	209654	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	831711	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	450577	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	853321	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	865933	20.00	ng	-0.01
86) Perylene-d12	15.521	264	875209	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	715692	52.42	ng	-0.01
7) Phenol-d6	6.492	99	563600	31.55	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1246166	91.73	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	658912	136.25	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2273709	78.84	ng	0.00
79) Terphenyl-d14	12.992	244	2727312	66.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	519	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	169907	15.92	ng	# 73
25) Isophorone	7.428	82	1236653	40.83	ng	# 67
26) 2-Nitrophenol	7.986	139	316	6.86	ng	# 16
32) Benzoic acid	7.857	122	24331	10.53	ng	100
48) 2-Nitroaniline	9.375	65	137	5.18	ng	# 6
50) Dimethylphthalate	9.622	163	159168	4.97	ng	99
51) 2,6-Dinitrotoluene	9.910	165	58804	11.41	ng	# 20
53) 3-Nitroaniline	9.586	138	1585	3.74	ng	# 1
56) 4-Nitrophenol	10.033	139	111	5.42	ng	# 1
57) 2,4-Dinitrotoluene	9.910	165	58804	10.62	ng	# 20
62) 4-Nitroaniline	10.522	138	130	3.40	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.639	198	2584	7.03	ng	# 71
67) 4-Bromophenyl-phenylether	10.698	248	42641	4.25	ng	# 1
80) Butylbenzylphthalate	13.463	149	1807	3.36	ng	# 73

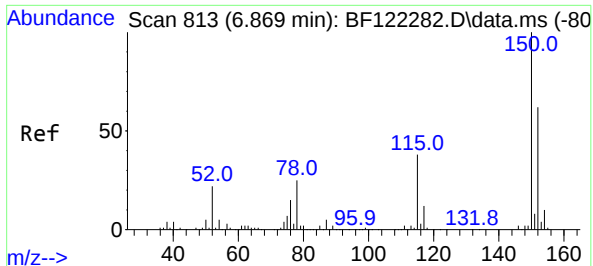
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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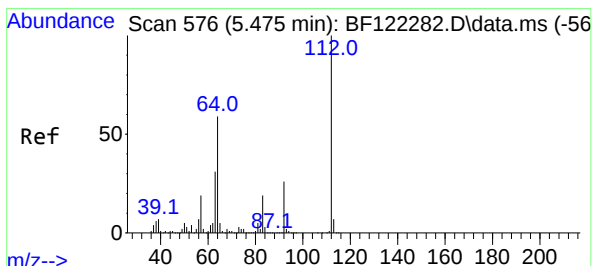
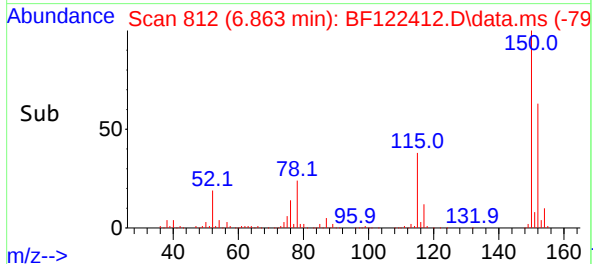
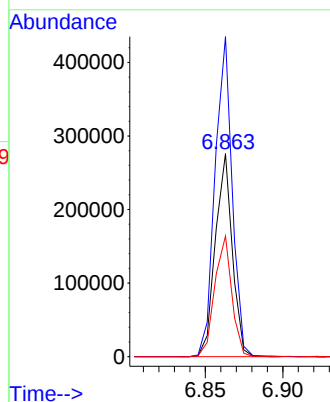
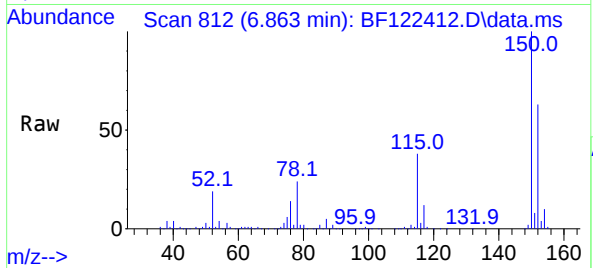




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

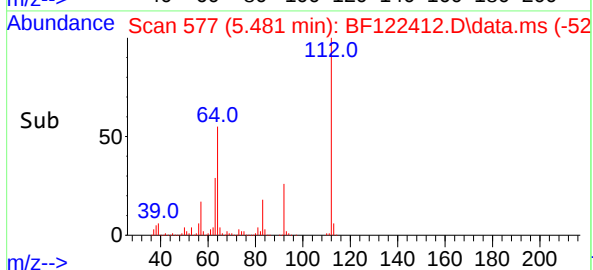
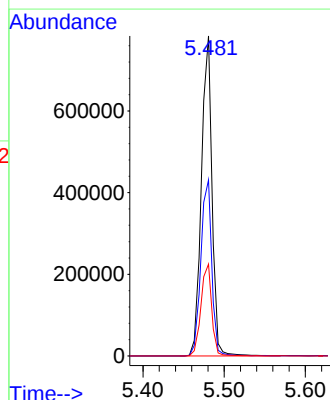
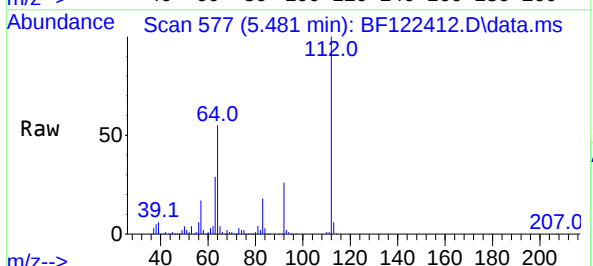
Instrument :
BNA_F
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PB-2020-WW-000-04

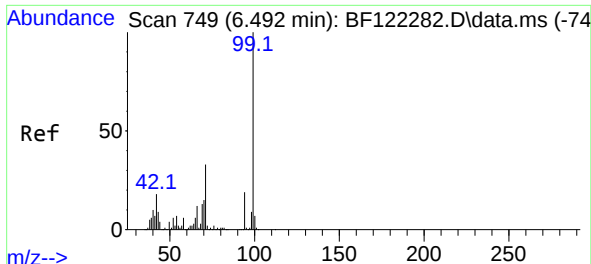
Tgt Ion:152 Resp: 209654
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 59.4 51.9 77.9



#5
2-Fluorophenol
Concen: 52.42 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:112 Resp: 715692
Ion Ratio Lower Upper
112 100
64 55.0 50.4 75.6
63 28.7 25.8 38.6

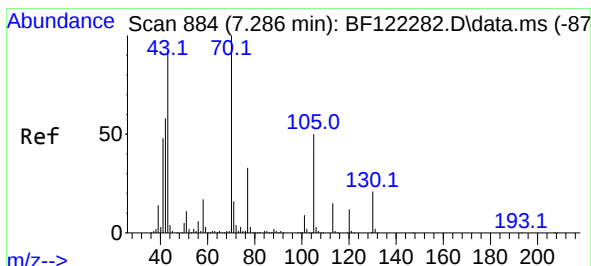
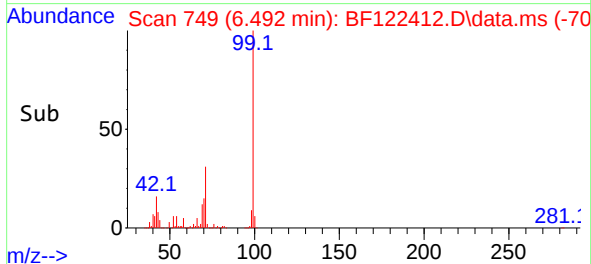
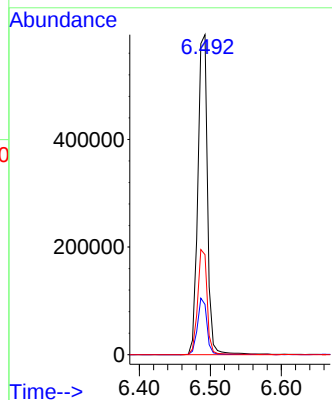
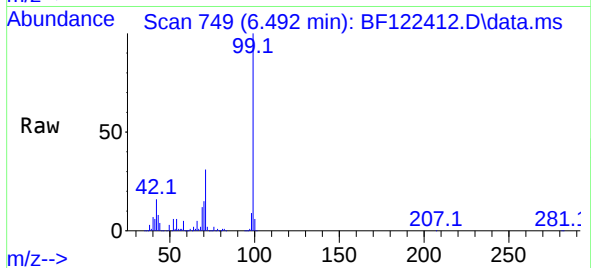




#7
Phenol-d6
Concen: 31.55 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

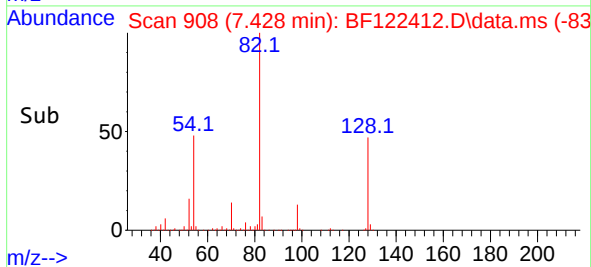
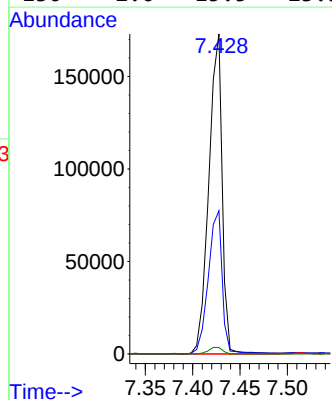
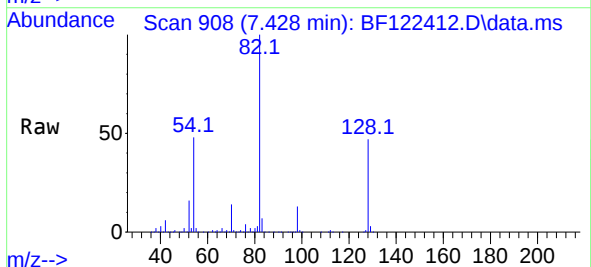
Instrument :
BNA_F
ClientSampleId :
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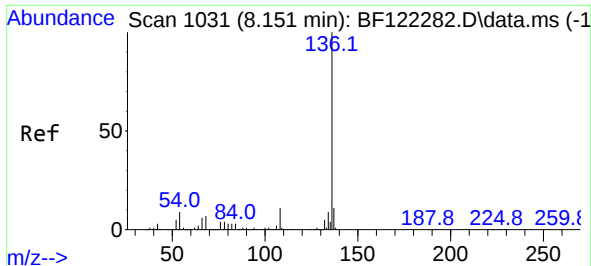
Tgt Ion: 99 Resp: 563600
Ion Ratio Lower Upper
99 100
42 15.7 15.9 23.9#
71 31.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.92 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion: 70 Resp: 169907
Ion Ratio Lower Upper
70 100
42 44.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



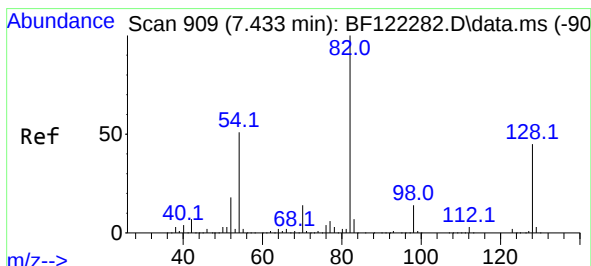
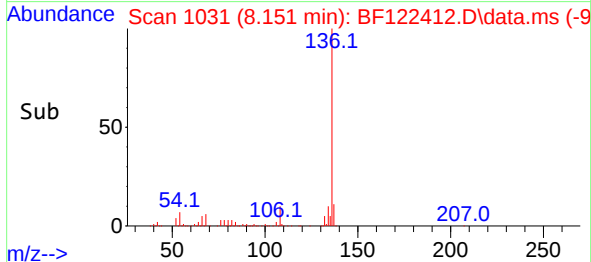
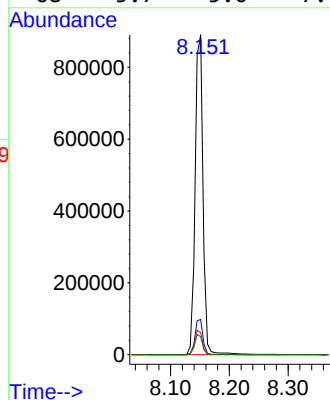
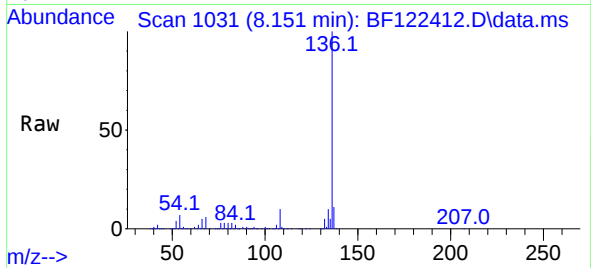


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

Tgt Ion:136 Resp: 831711

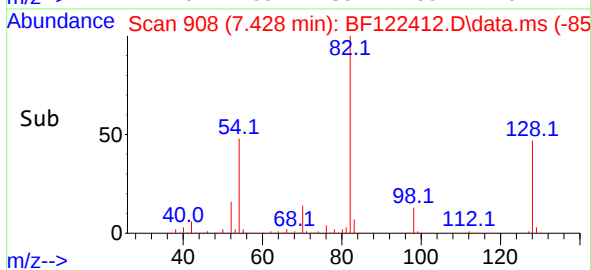
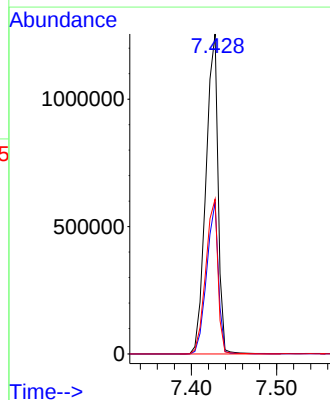
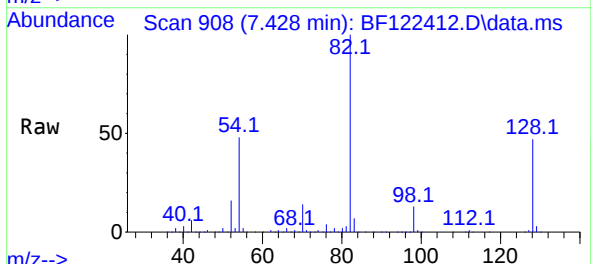
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.9	7.1	10.7#
68	5.7	5.0	7.4

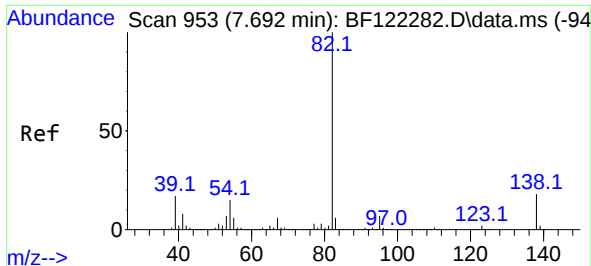


#23
Nitrobenzene-d5
Concen: 91.73 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion: 82 Resp: 1246166

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.0	52.4
54	48.3	43.9	65.9

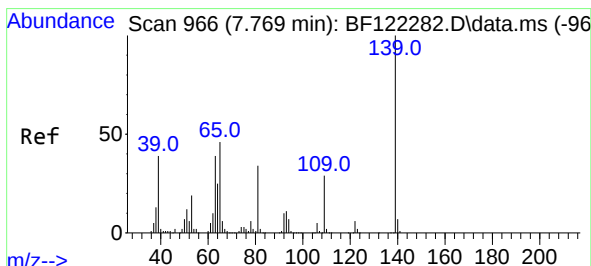
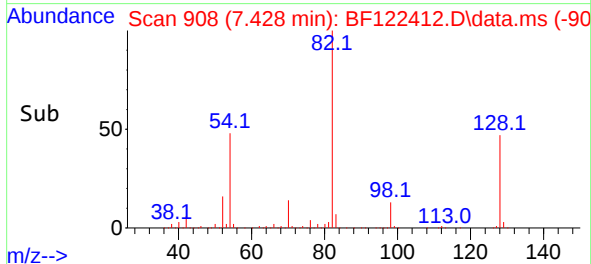
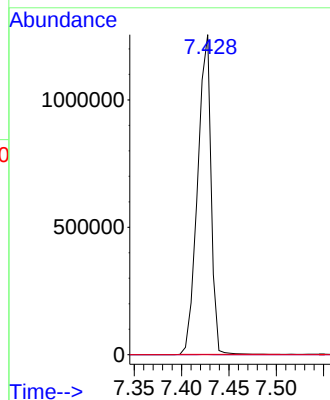
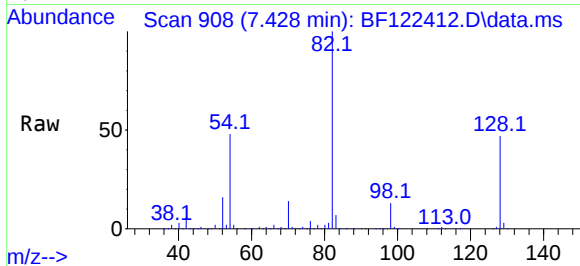




#25
Isophorone
Concen: 40.83 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

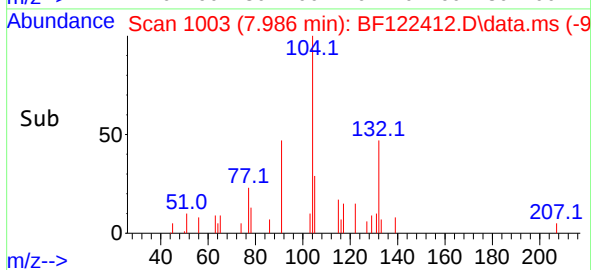
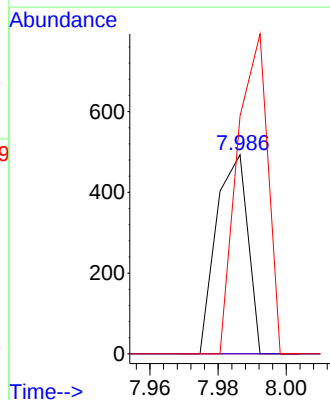
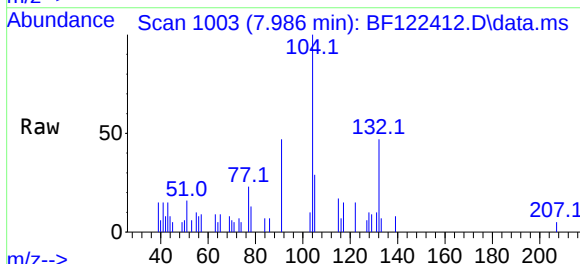
Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

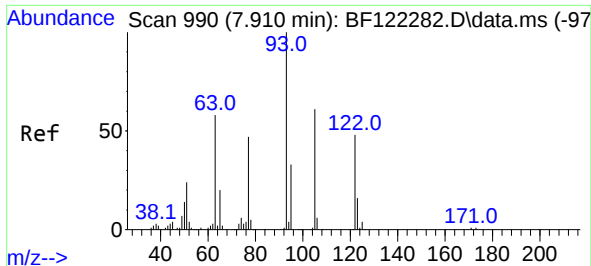
Tgt Ion: 82 Resp: 1236653
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#26
2-Nitrophenol
Concen: 6.86 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.218 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion: 139 Resp: 316
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 119.5 39.9 59.9#

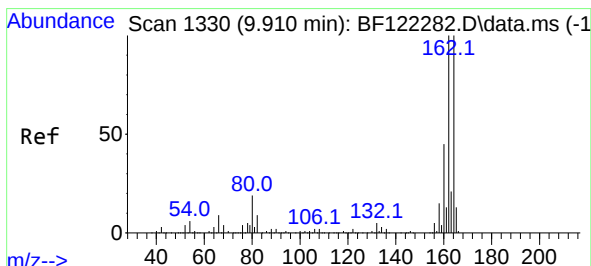
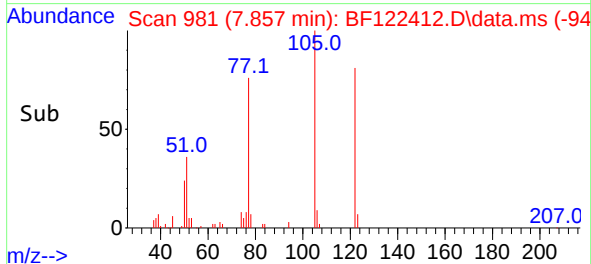
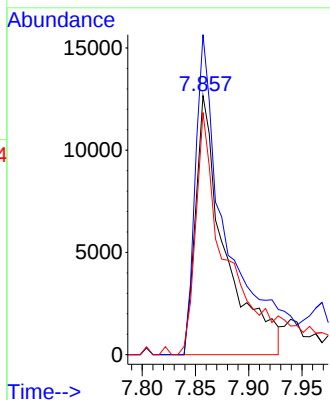
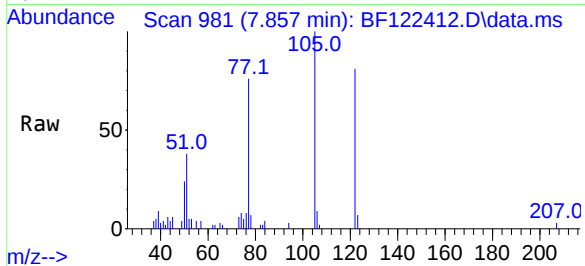




#32
Benzoic acid
Concen: 10.53 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.082 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

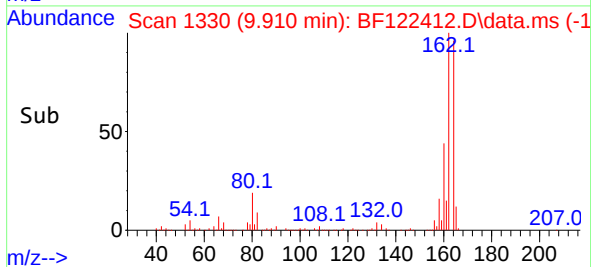
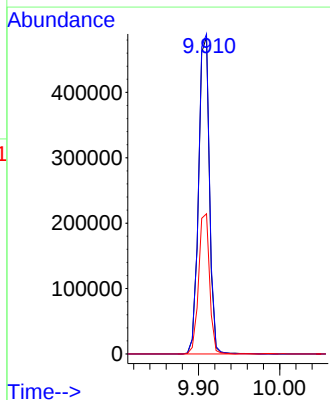
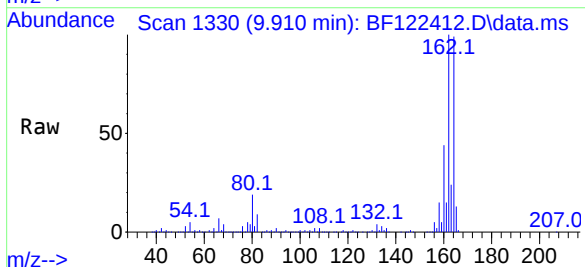
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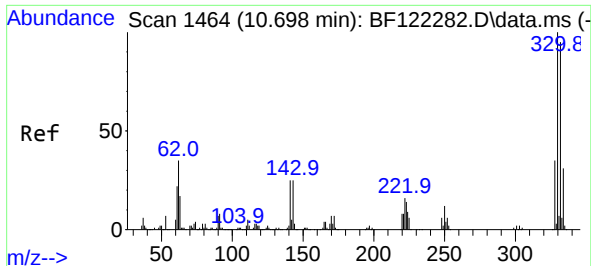
Tgt Ion:	122	Resp:	24331
Ion	Ratio	Lower	Upper
122	100		
105	123.6	103.3	143.3
77	93.6	73.9	113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:	164	Resp:	450577
Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.2	124.8
160	44.2	37.5	56.3

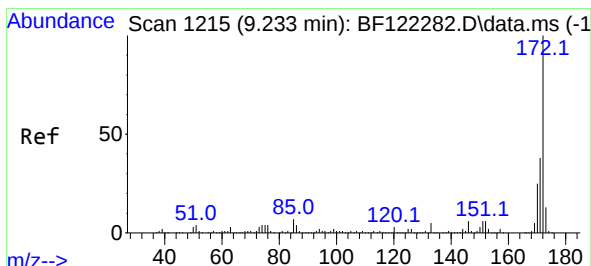
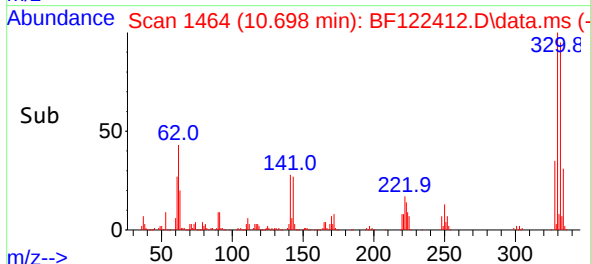
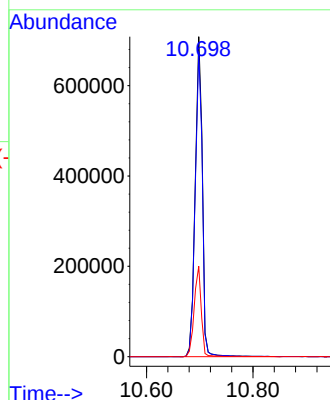
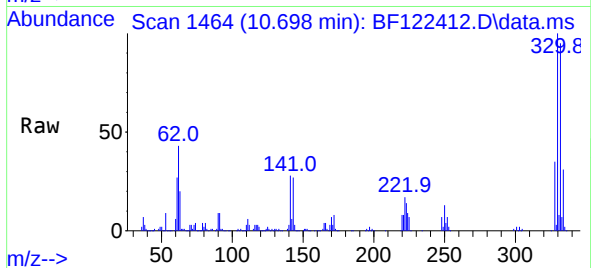




#42
2,4,6-Tribromophenol
Concen: 136.25 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

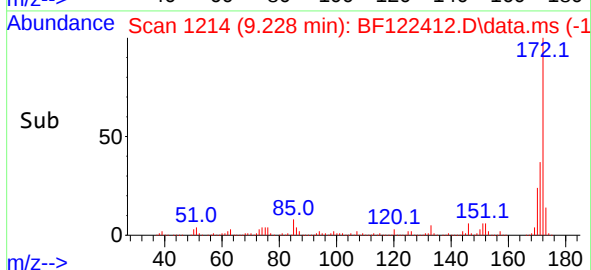
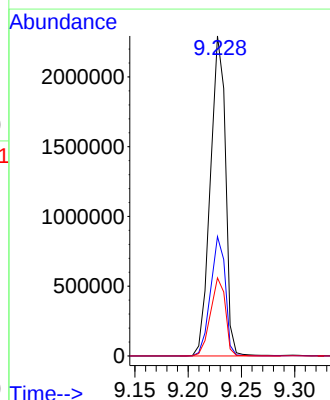
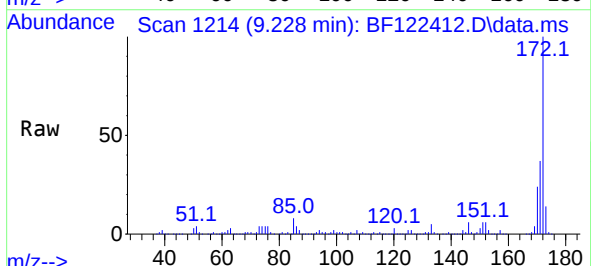
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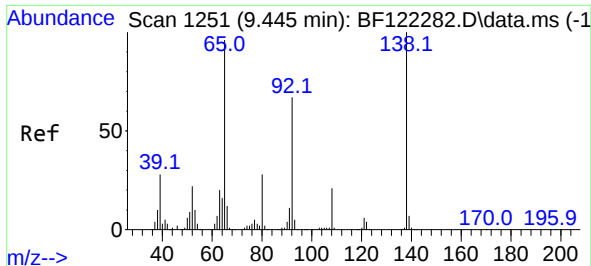
Tgt Ion: 330 Resp: 658912
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 28.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 78.84 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion: 172 Resp: 2273709
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 24.4 19.8 29.6

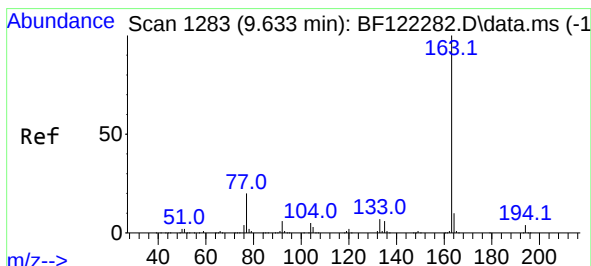
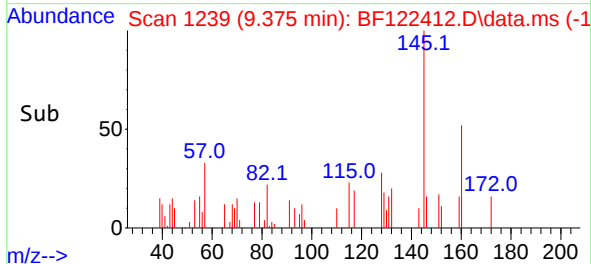
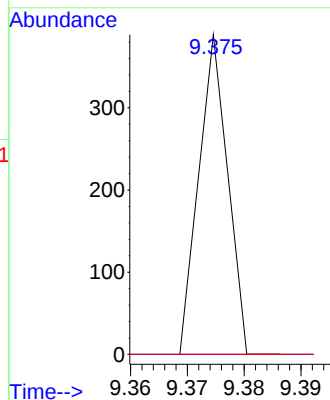
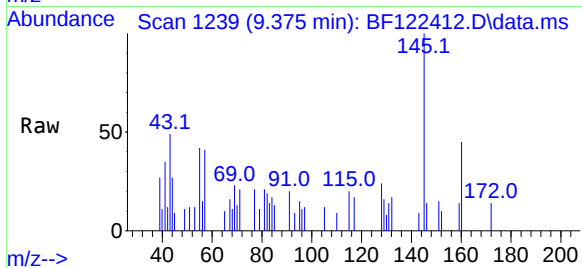




#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.082 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

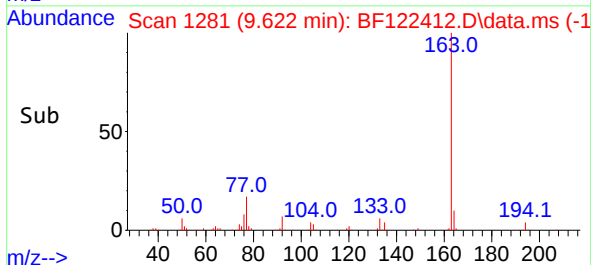
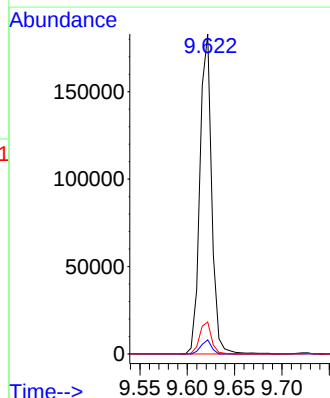
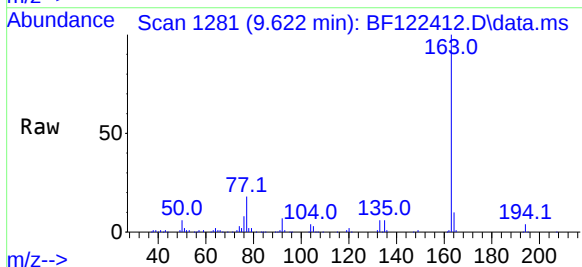
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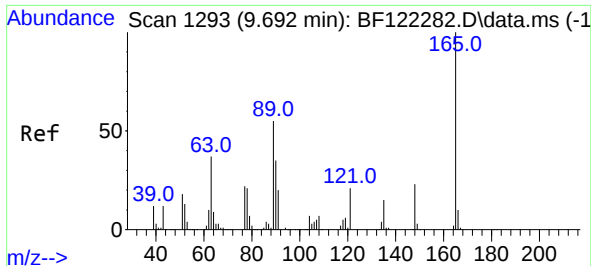
Tgt Ion:	65	Resp:	137
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#



#50
Dimethylphthalate
Concen: 4.97 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:	163	Resp:	159168
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.0	8.2	12.4

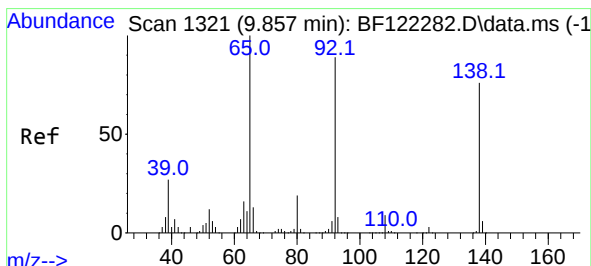
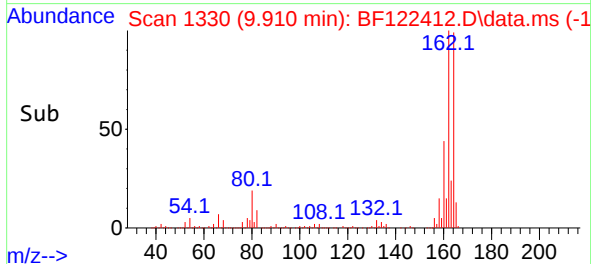
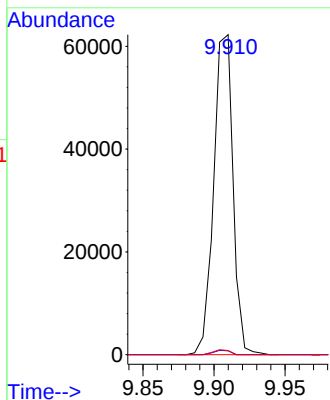
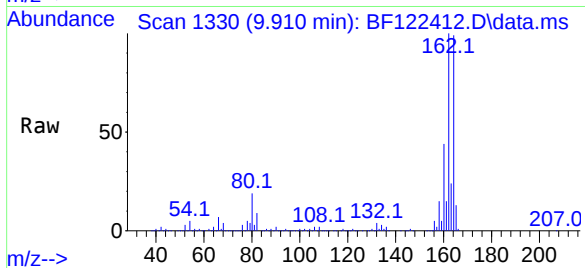




#51
2,6-Dinitrotoluene
Concen: 11.41 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

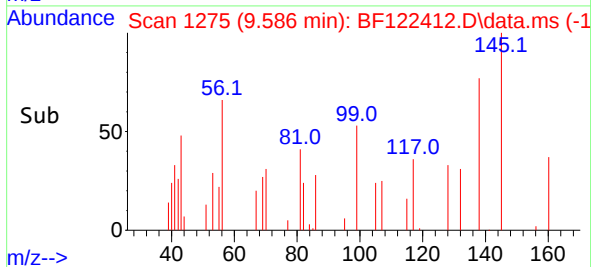
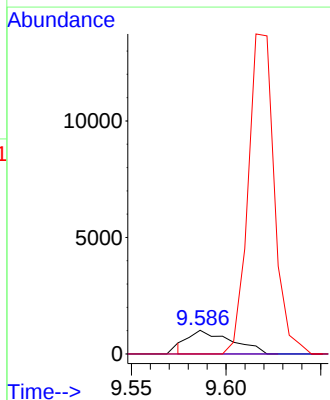
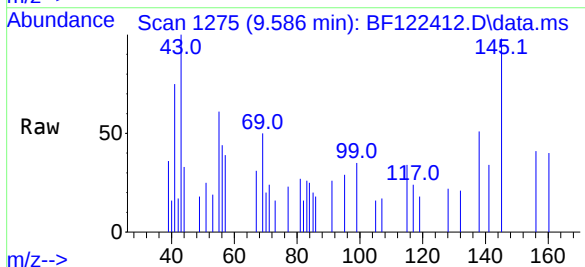
Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

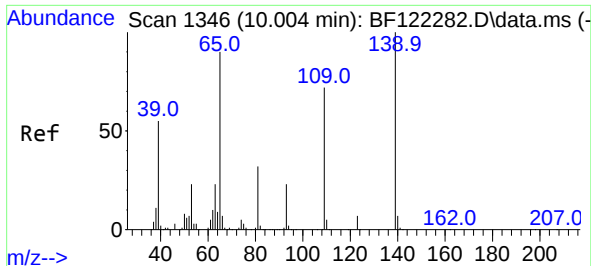
Tgt Ion:165 Resp: 58804
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



#53
3-Nitroaniline
Concen: 3.74 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.282 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:138 Resp: 1585
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#

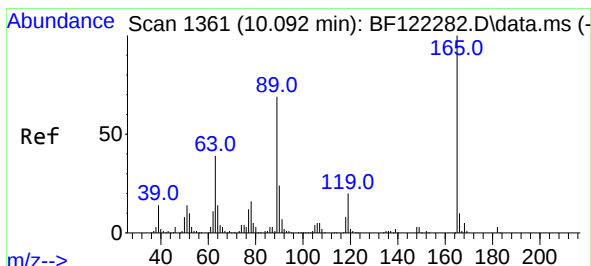
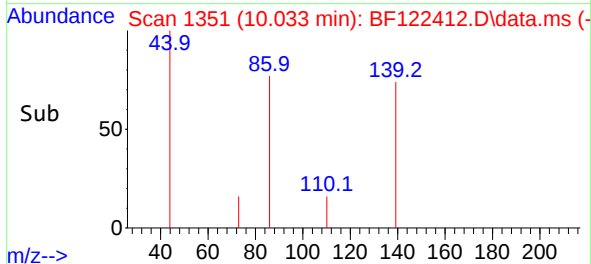
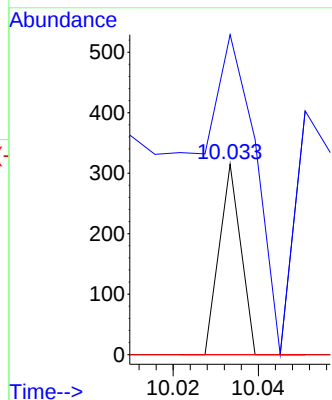
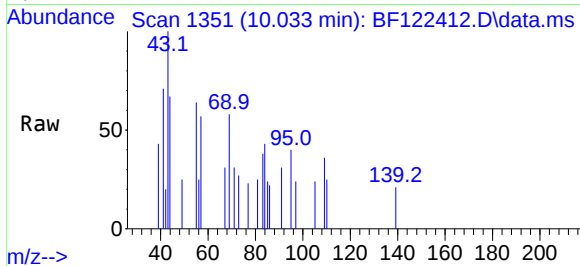




#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

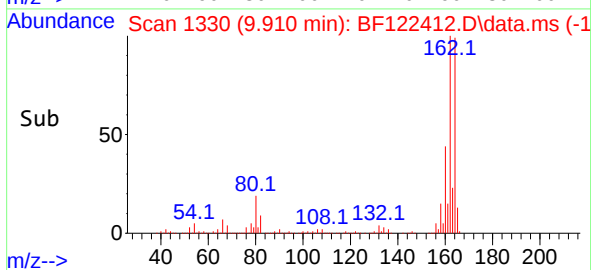
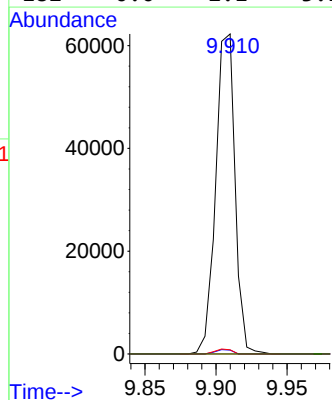
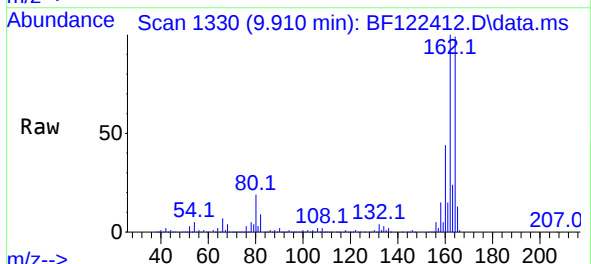
Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

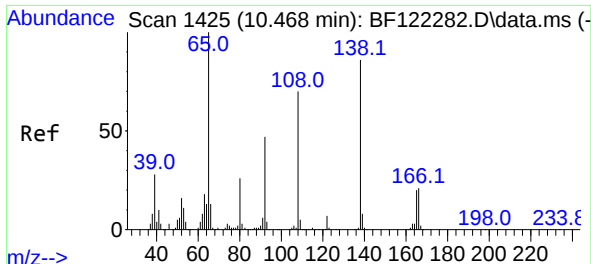
Tgt Ion:	139	Resp:	111
Ion	Ratio	Lower	Upper
139	100		
109	167.9	45.4	85.4#
65	0.0	68.4	108.4#



#57
2,4-Dinitrotoluene
Concen: 10.62 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:	165	Resp:	58804
Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.3	61.9#
89	1.3	61.8	92.8#
182	0.0	2.1	3.1#

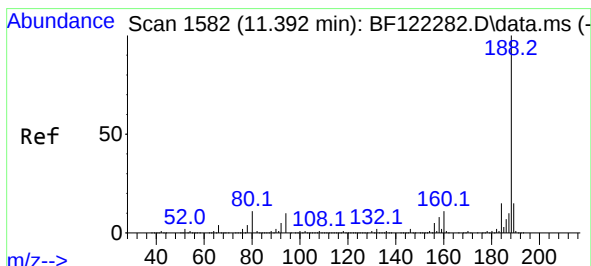
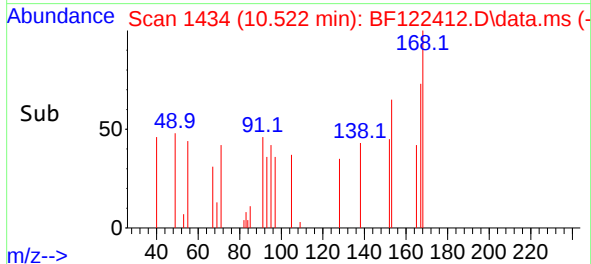
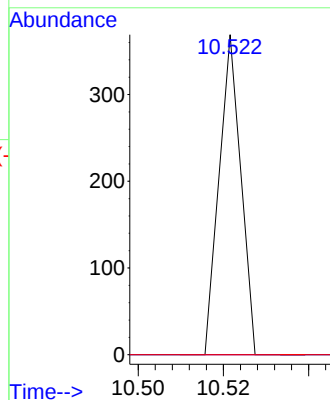
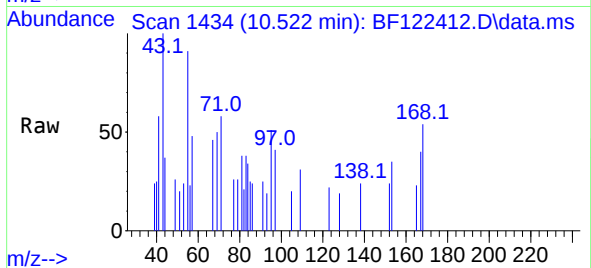




#62
4-Nitroaniline
Concen: 3.40 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.035 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

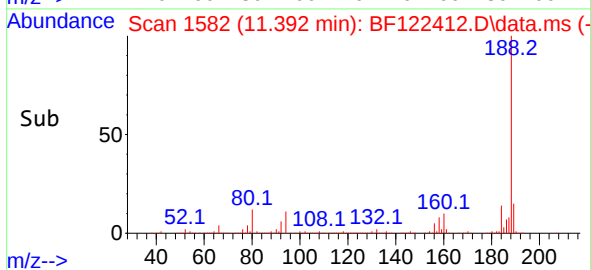
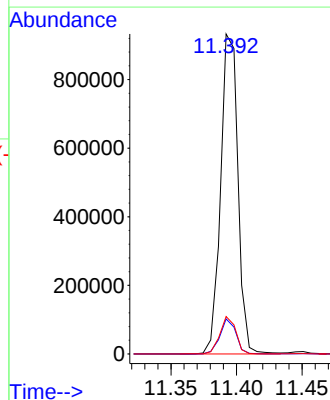
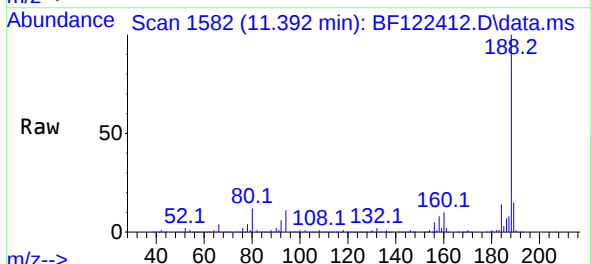
Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

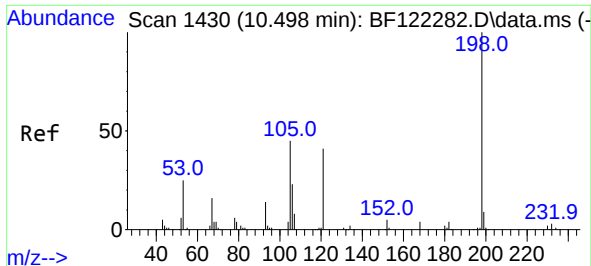
Tgt Ion:138 Resp: 130
Ion Ratio Lower Upper
138 100
92 0.0 31.0 71.0#
108 0.0 51.5 91.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:188 Resp: 853321
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.7 9.1 13.7

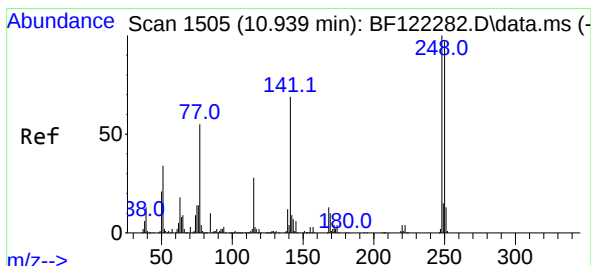
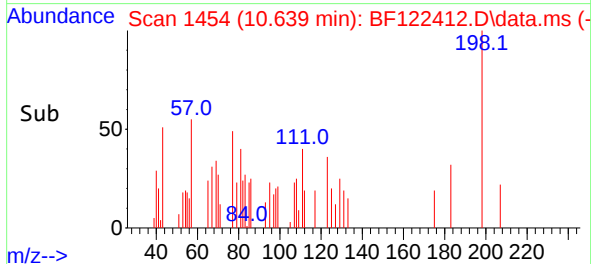
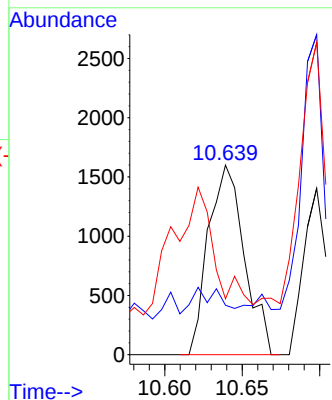
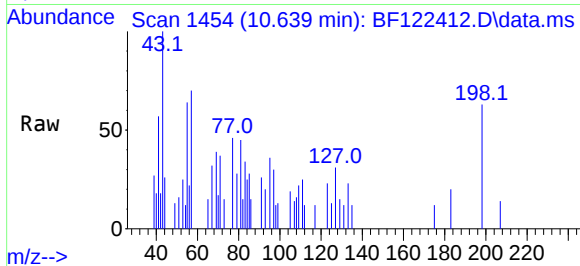




#65
4,6-Dinitro-2-methylphenol
Concen: 7.03 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.129 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

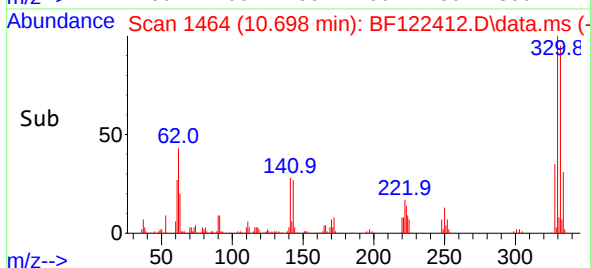
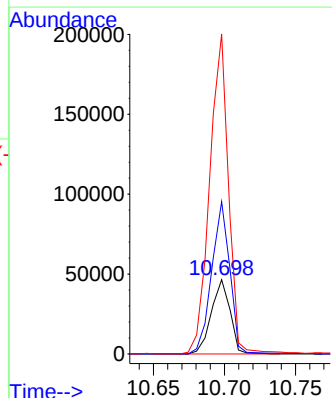
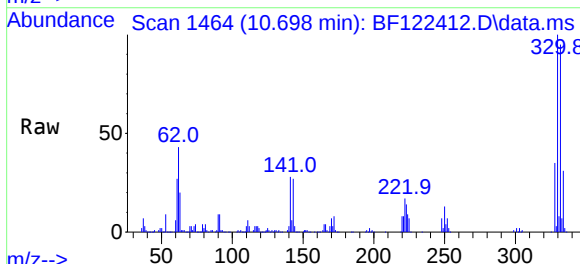
Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

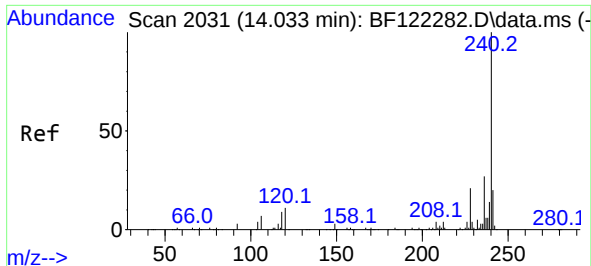
Tgt Ion:198 Resp: 2584
Ion Ratio Lower Upper
198 100
51 26.1 29.6 69.6#
105 29.4 24.4 64.4



#67
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:248 Resp: 42641
Ion Ratio Lower Upper
248 100
250 205.0 77.0 115.6#
141 430.9 53.7 80.5#

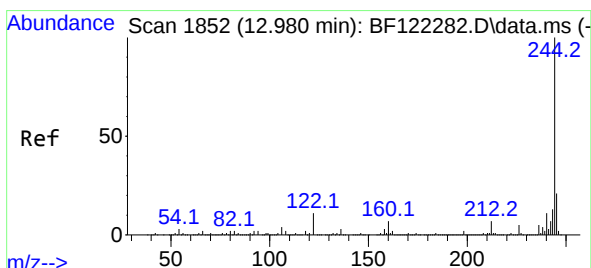
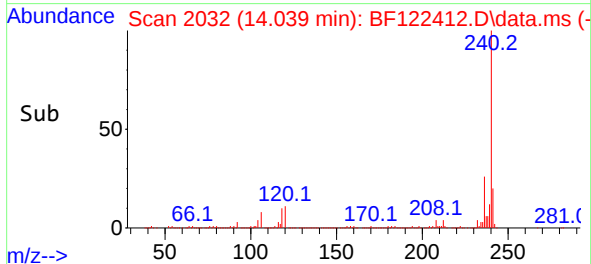
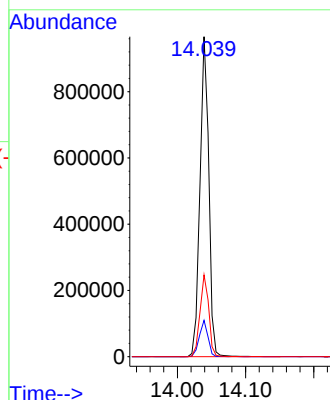
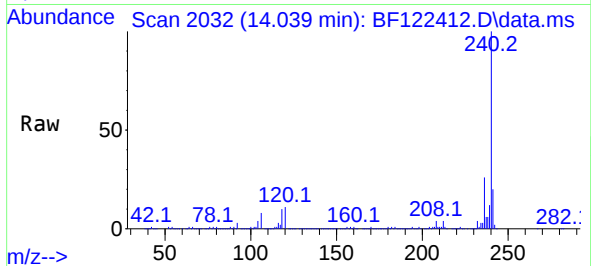




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

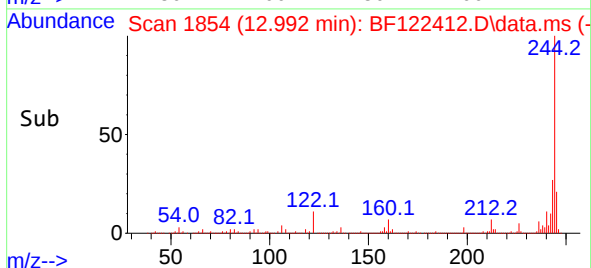
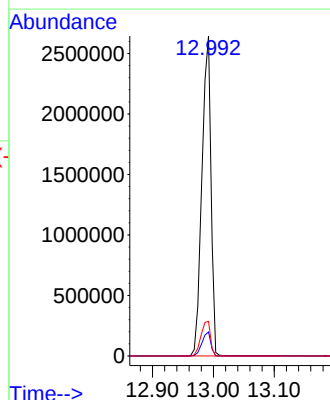
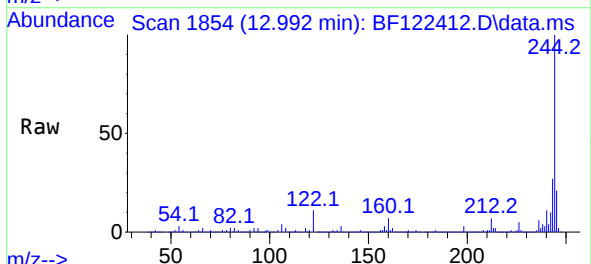
Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

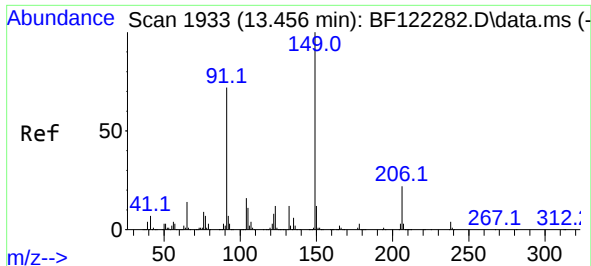
Tgt Ion:240 Resp: 865933
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 66.72 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:244 Resp: 2727312
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 10.8 8.1 12.1

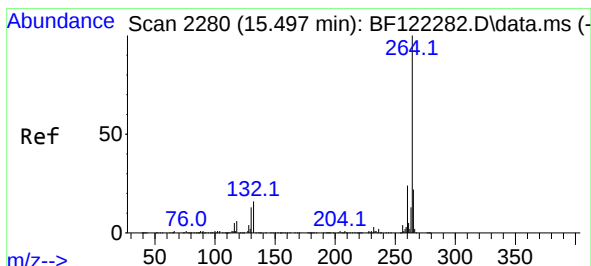
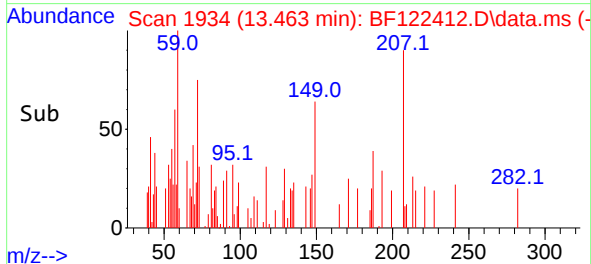
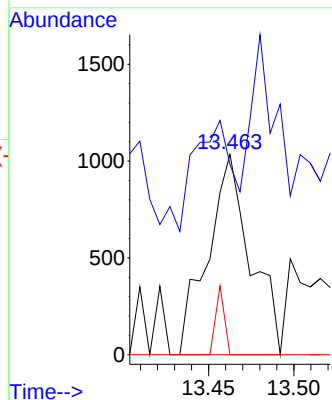
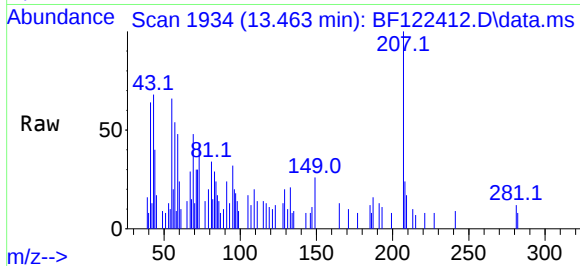




#80
Butylbenzylphthalate
Concen: 3.36 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122412.D
Acq: 20 Nov 2020 19:49

Instrument :
BNA_F
ClientSampleId :
PB-2020-WW-000-04

Tgt Ion:	149	Resp:	1807
Ion	Ratio	Lower	Upper
149	100		
91	95.0	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: BF122412.D
Acq: 20 Nov 2020 19:49

Tgt Ion:	264	Resp:	875209
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.3	25.9

