

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122433.D
 Acq On : 21 Nov 2020 21:48
 Operator : JU/CG
 Sample : L4842-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11620

Quant Time: Nov 23 01:01:51 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)

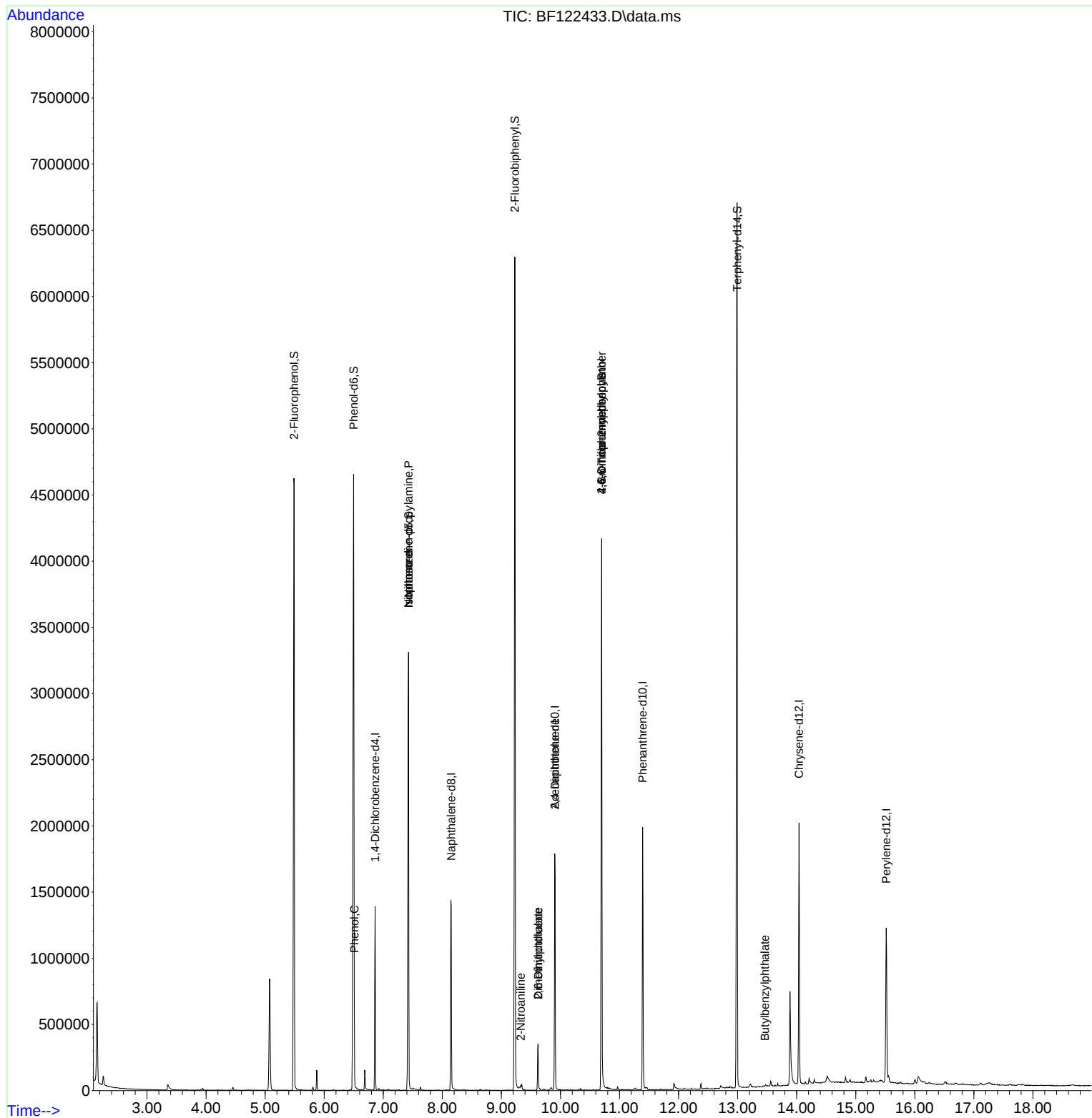
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	187140	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	724407	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	384564	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	721126	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	676355	20.00	ng	-0.01
86) Perylene-d12	15.515	264	586593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1498656	122.97	ng	0.00
7) Phenol-d6	6.498	99	1876979	117.72	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1177424	99.50	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	558603	135.34	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2081285	84.56	ng	0.00
79) Terphenyl-d14	12.992	244	2410078	75.49	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	3877	Below Cal	#	3
10) Phenol	6.510	94	149245	9.51	ng	# 74
19) n-Nitroso-di-n-propyla...	7.428	70	159678	16.76	ng	# 74
25) Isophorone	7.428	82	1165270	44.17	ng	# 67
48) 2-Nitroaniline	9.327	65	506	5.23	ng	# 6
50) Dimethylphthalate	9.622	163	166863	6.10	ng	98
51) 2,6-Dinitrotoluene	9.622	165	1626	4.06	ng	# 9
57) 2,4-Dinitrotoluene	9.904	165	49725	10.57	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1303	6.67	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	36420	4.30	ng	# 1
80) Butylbenzylphthalate	13.462	149	277	3.30	ng	# 65

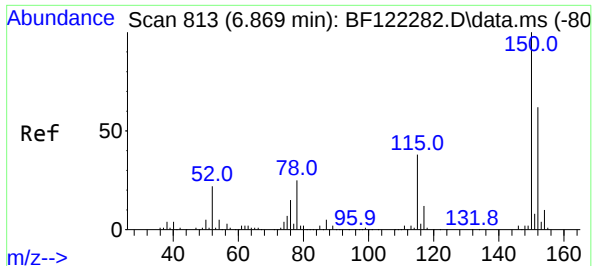
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
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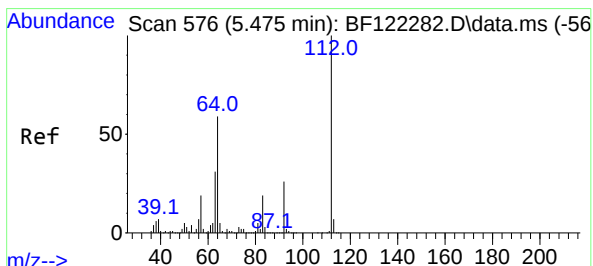
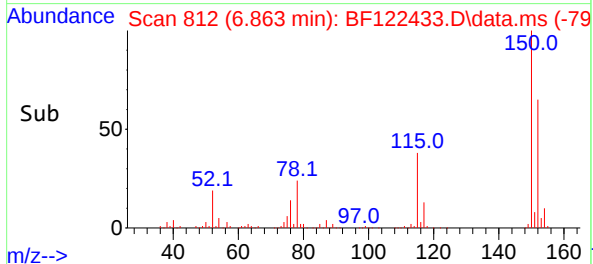
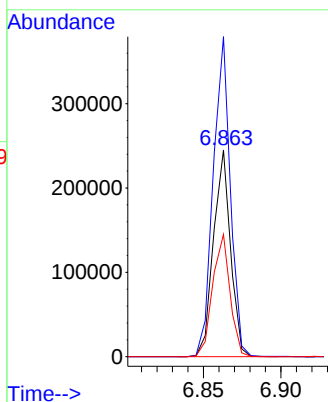
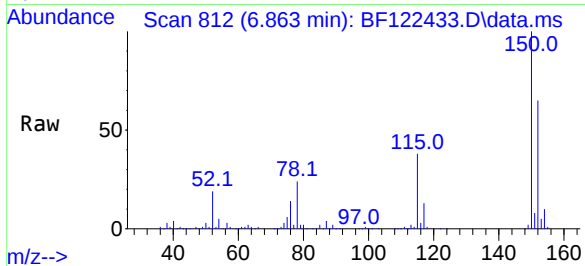




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

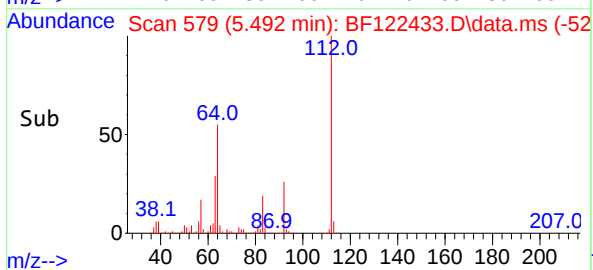
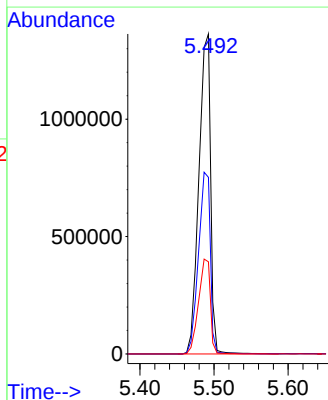
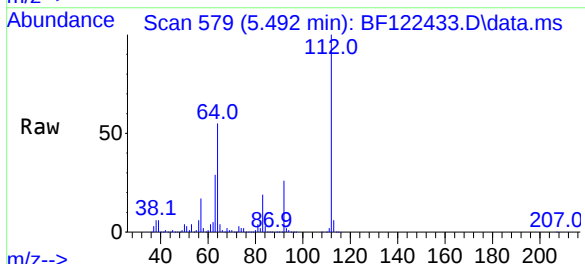
Instrument :
BNA_F
ClientSampleId :
11620

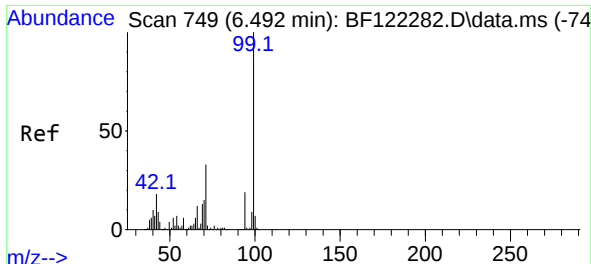
Tgt Ion:152 Resp: 187140
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 122.97 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion:112 Resp: 1498656
Ion Ratio Lower Upper
112 100
64 55.2 50.4 75.6
63 28.8 25.8 38.6

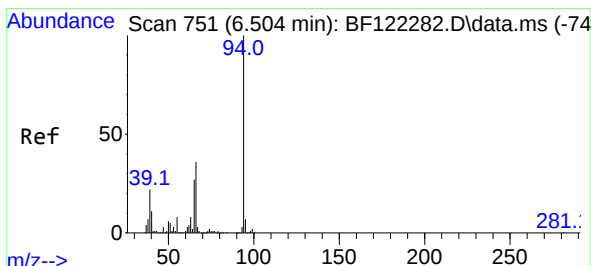
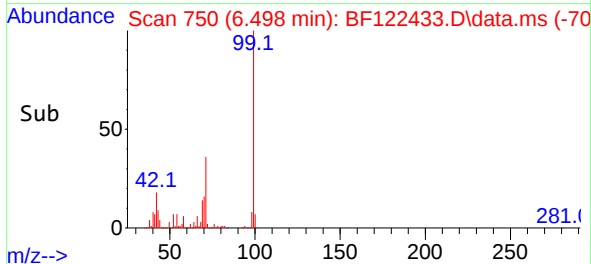
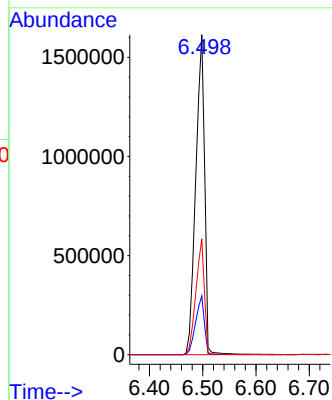
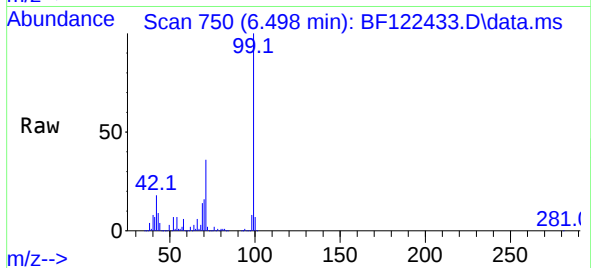




#7
Phenol-d6
Concen: 117.72 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

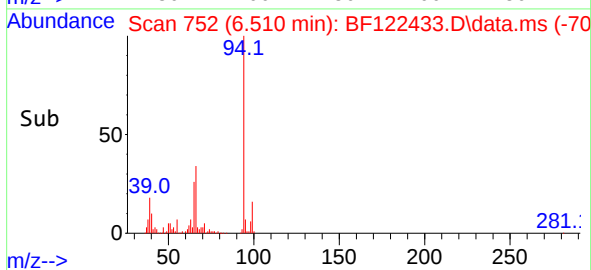
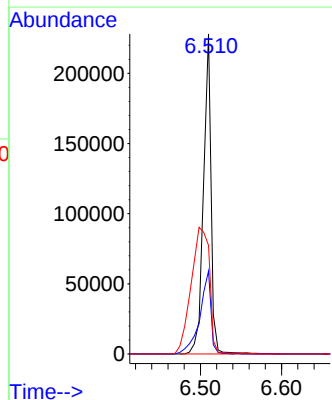
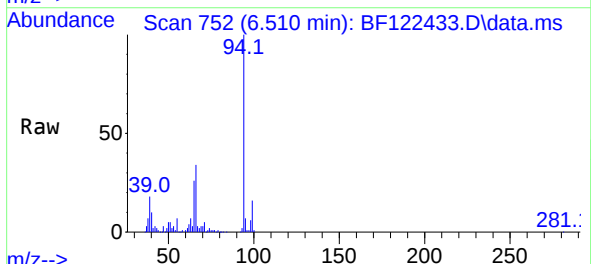
Instrument :
BNA_F
ClientSampleId :
11620

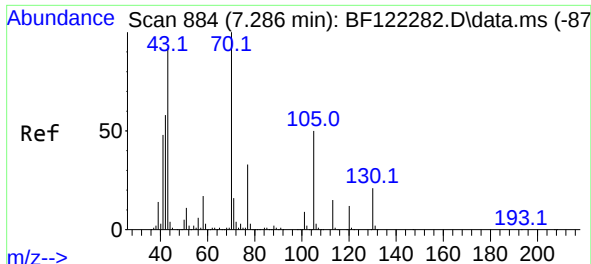
Tgt Ion: 99 Resp: 1876979
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 36.2 27.1 40.7



#10
Phenol
Concen: 9.51 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion: 94 Resp: 149245
Ion Ratio Lower Upper
94 100
65 25.9 17.1 57.1
66 33.9 36.0 76.0#



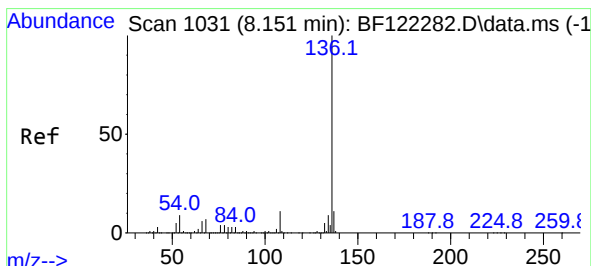
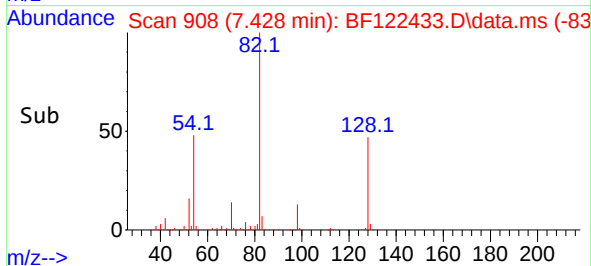
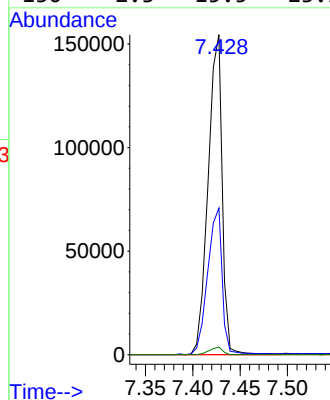
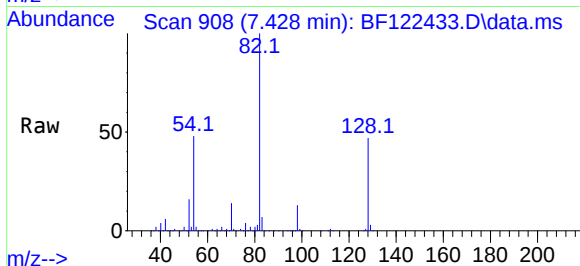


#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Instrument :
BNA_F
ClientSampleId :
11620

Tgt Ion: 70 Resp: 159678

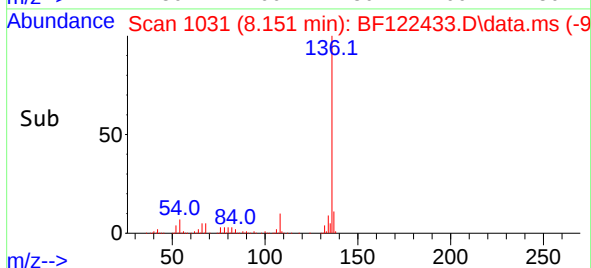
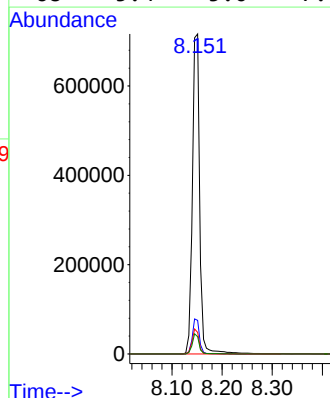
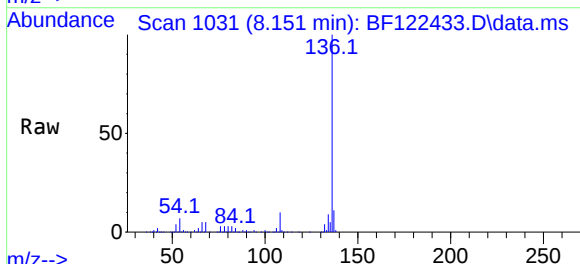
Ion	Ratio	Lower	Upper
70	100		
42	45.8	50.2	75.4#
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#

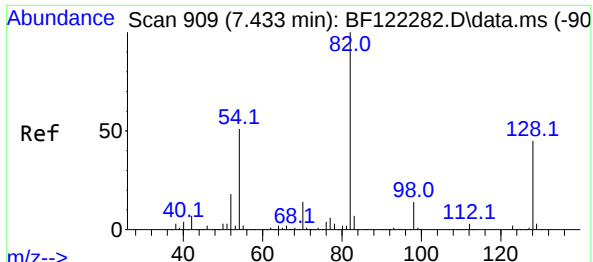


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion: 136 Resp: 724407

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.7	7.1	10.7#
68	5.4	5.0	7.4



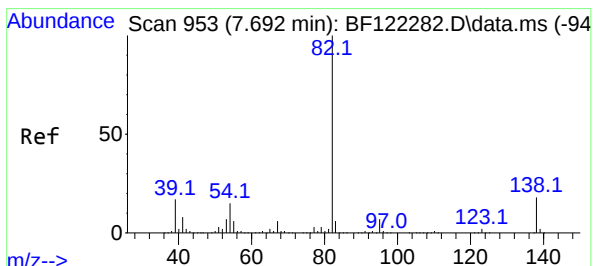
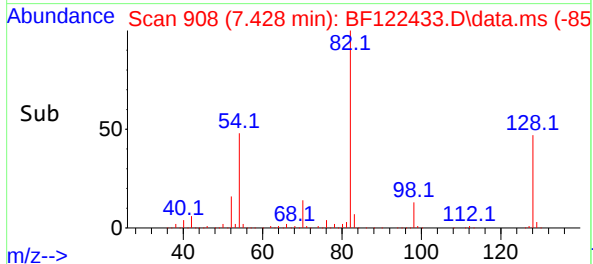
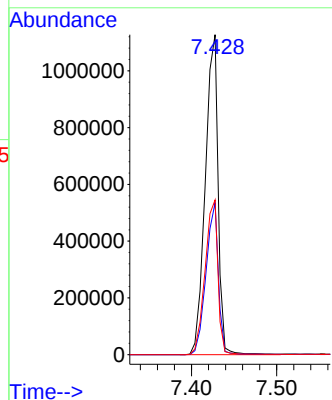
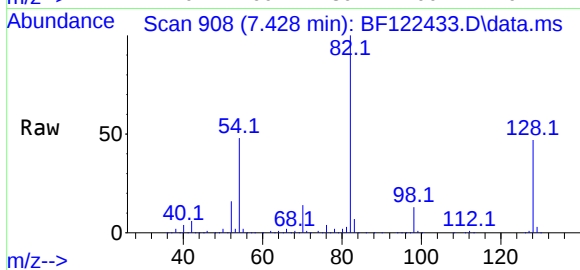


#23
Nitrobenzene-d5
Concen: 99.50 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Instrument :
BNA_F
ClientSampleId :
11620

Tgt Ion: 82 Resp: 1177424

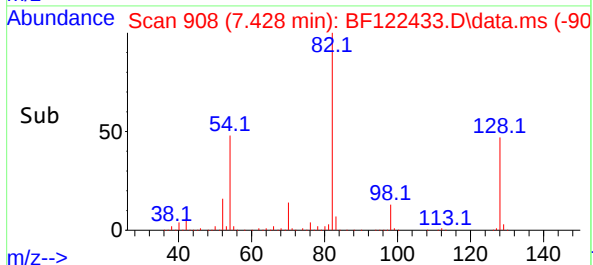
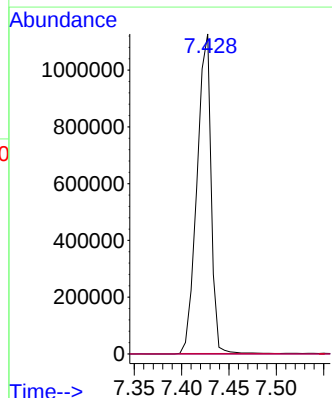
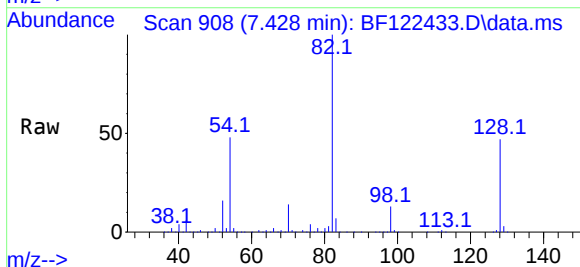
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.0	52.4
54	48.4	43.9	65.9

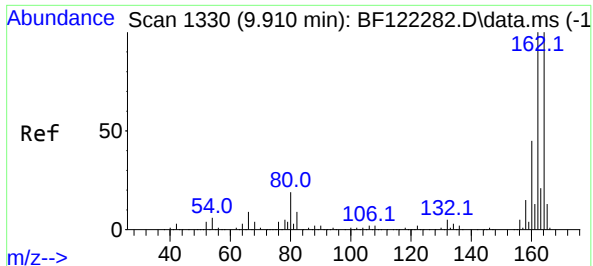


#25
Isophorone
Concen: 44.17 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion: 82 Resp: 1165270

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: BF122433.D

Acq: 21 Nov 2020 21:48

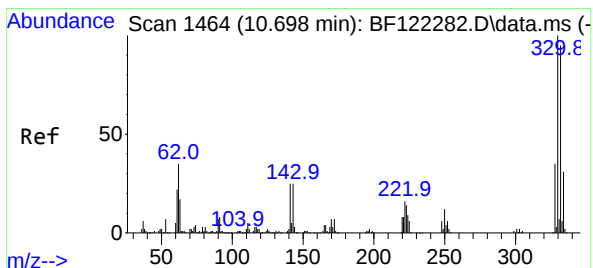
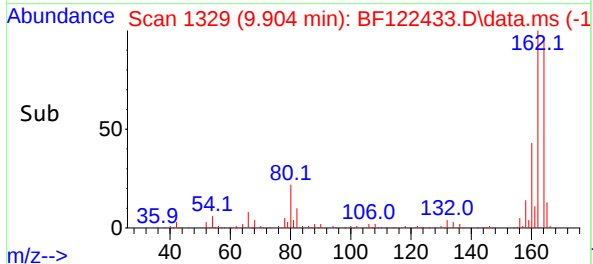
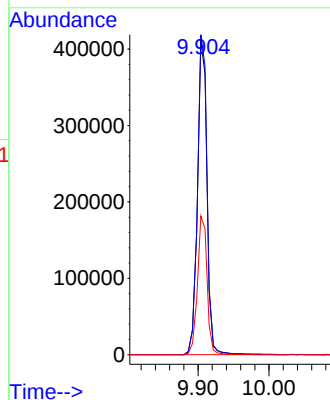
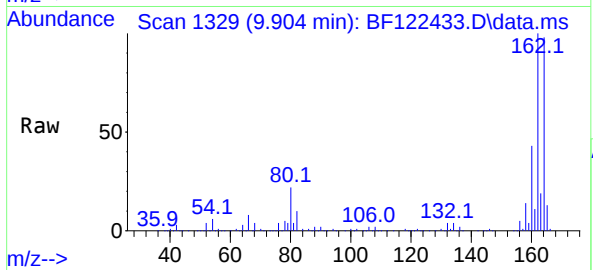
Tgt Ion:164 Resp: 384564

Ion Ratio Lower Upper

164 100

162 101.8 83.2 124.8

160 44.1 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 135.34 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122433.D

Acq: 21 Nov 2020 21:48

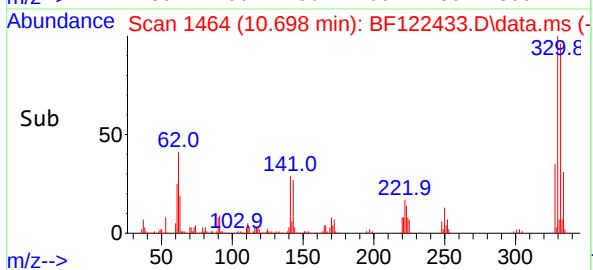
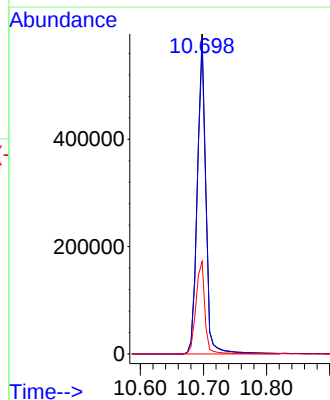
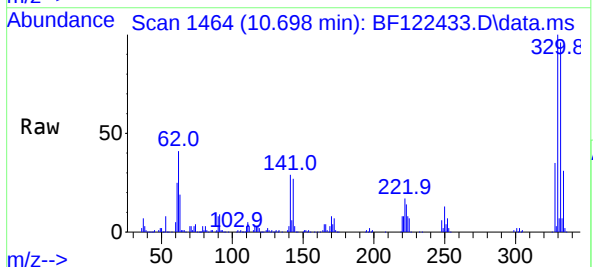
Tgt Ion:330 Resp: 558603

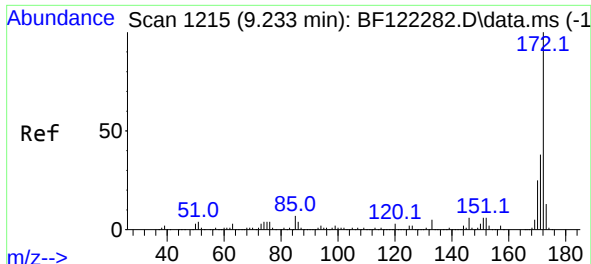
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.7 22.3 33.5

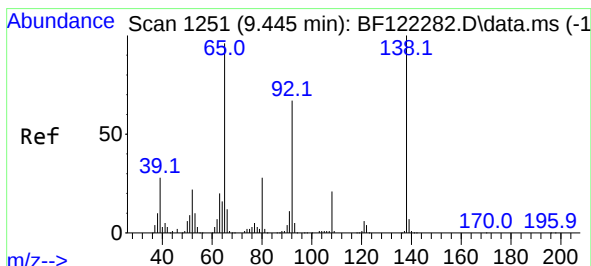
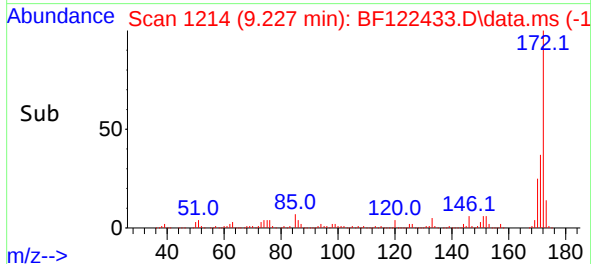
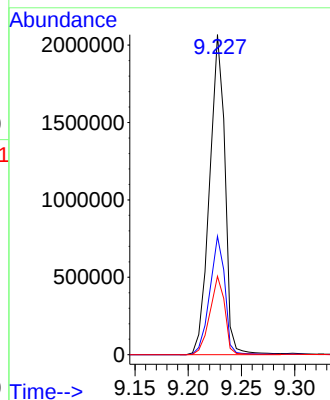
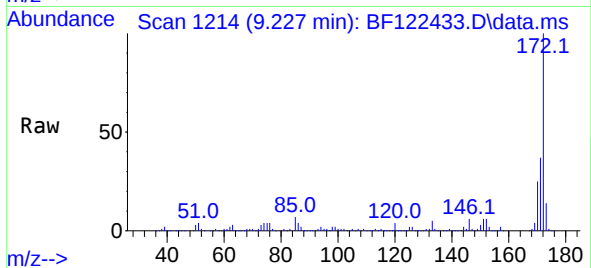




#45
2-Fluorobiphenyl
Concen: 84.56 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

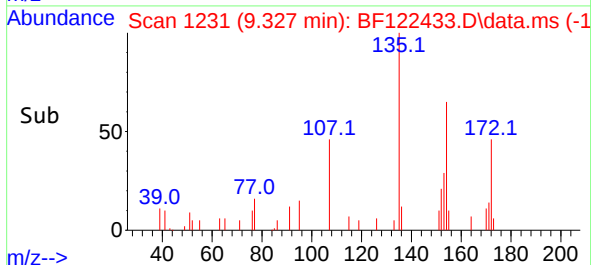
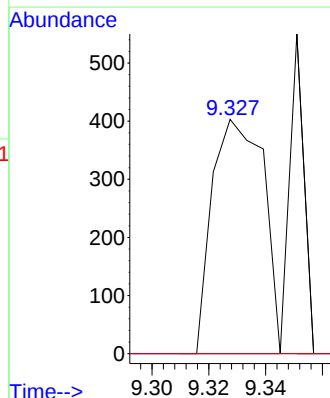
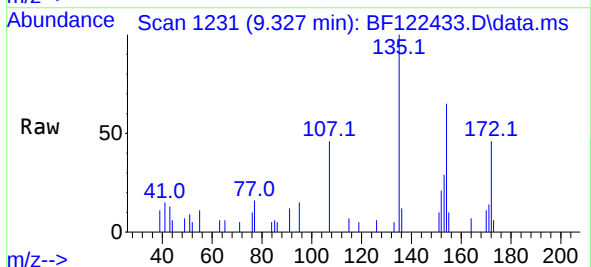
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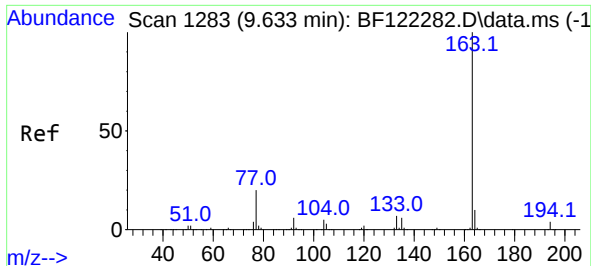
Tgt Ion:172 Resp: 2081285
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 24.5 19.8 29.6



#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.130 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion: 65 Resp: 506
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

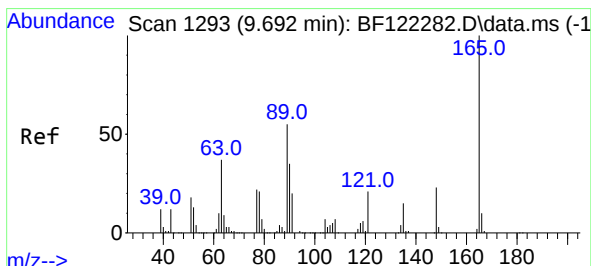
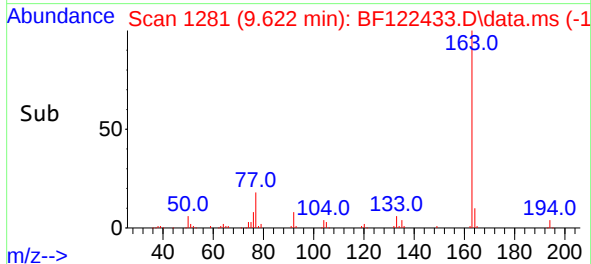
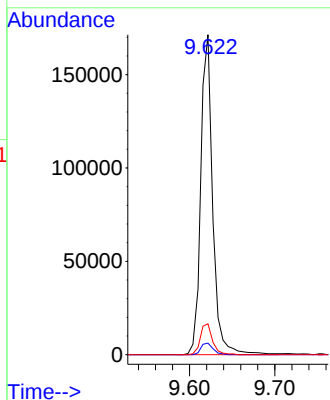
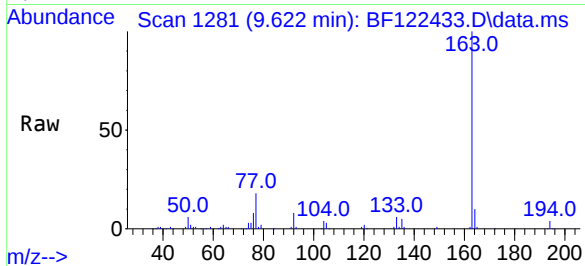




#50
Dimethylphthalate
Concen: 6.10 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

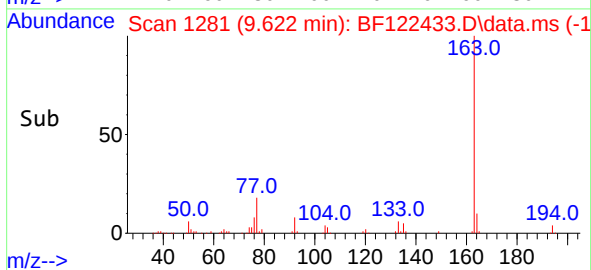
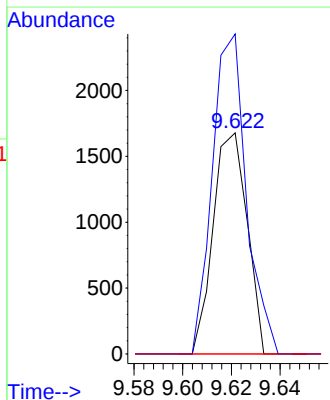
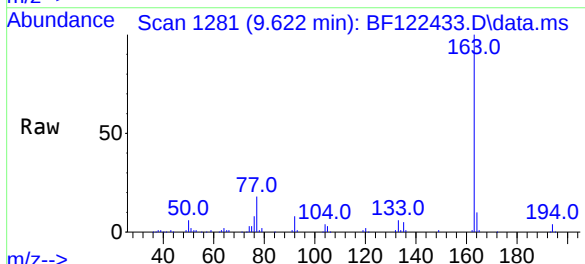
Instrument :
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ClientSampleId :
11620

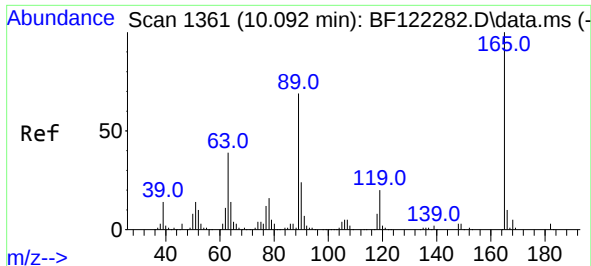
Tgt Ion:163 Resp: 166863
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.6 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.06 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.077 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion:165 Resp: 1626
Ion Ratio Lower Upper
165 100
63 144.7 51.8 77.6#
89 0.0 49.0 73.6#



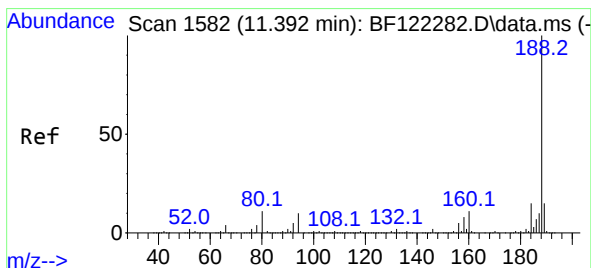
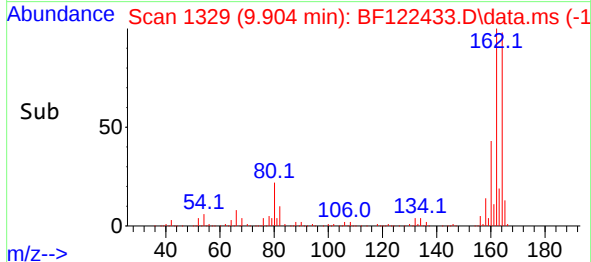
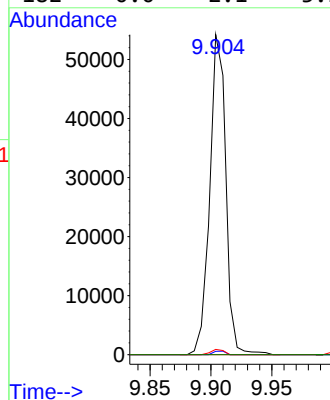
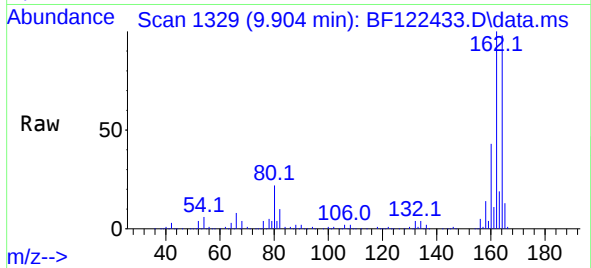


#57
2,4-Dinitrotoluene
Concen: 10.57 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Instrument :
BNA_F
ClientSampleId :
11620

Tgt Ion:165 Resp: 49725

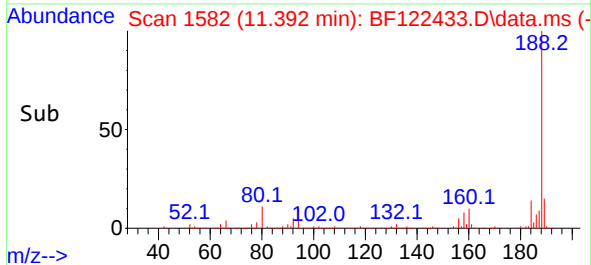
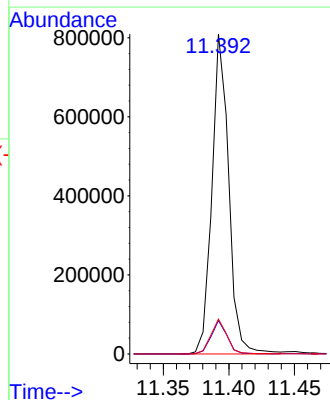
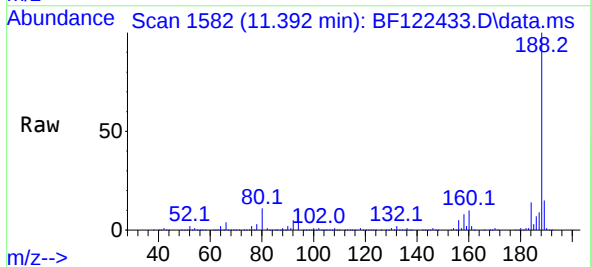
Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#

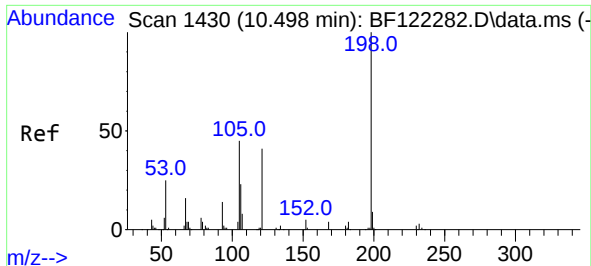


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion:188 Resp: 721126

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	10.9	9.1	13.7

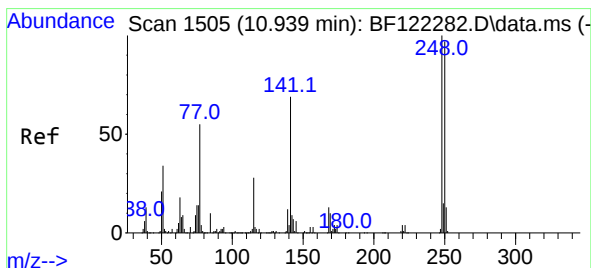
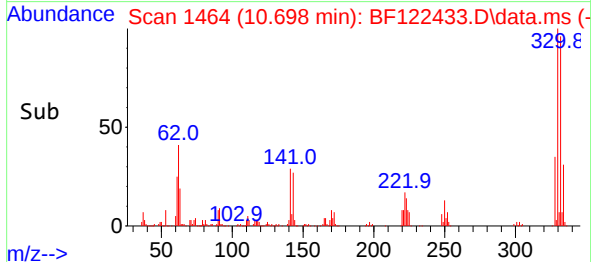
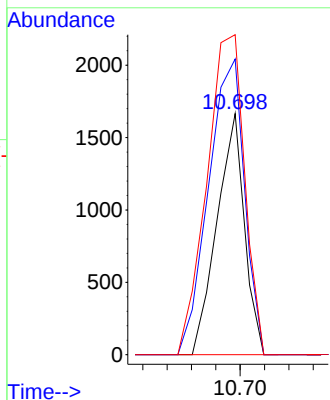
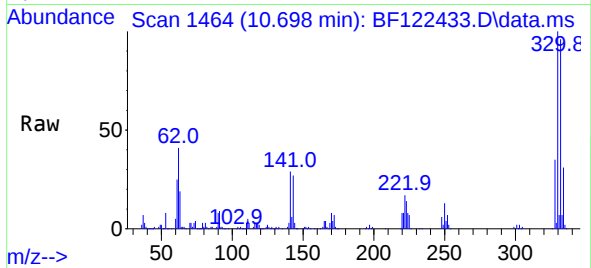




#65
4,6-Dinitro-2-methylphenol
Concen: 6.67 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

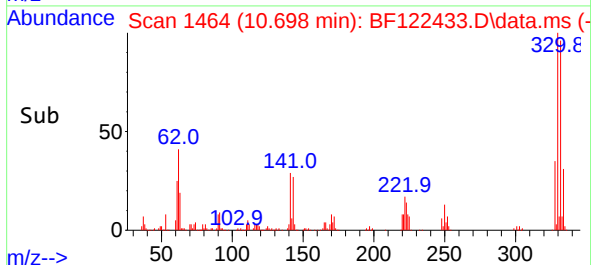
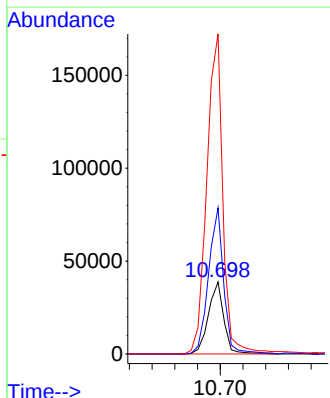
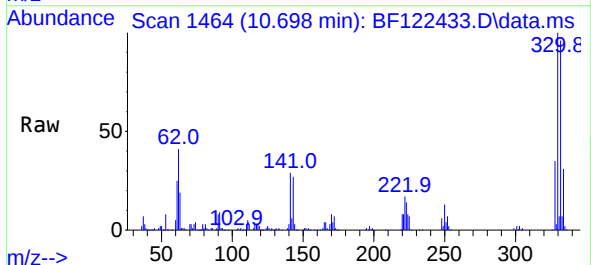
Instrument :
BNA_F
ClientSampled :
11620

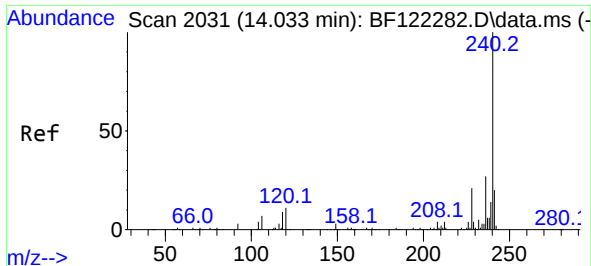
Tgt Ion:198 Resp: 1303
Ion Ratio Lower Upper
198 100
51 122.6 29.6 69.6#
105 132.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion:248 Resp: 36420
Ion Ratio Lower Upper
248 100
250 203.6 77.0 115.6#
141 445.8 53.7 80.5#

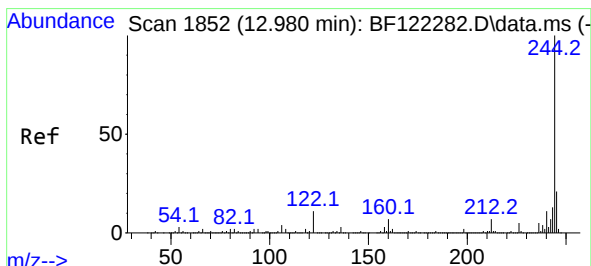
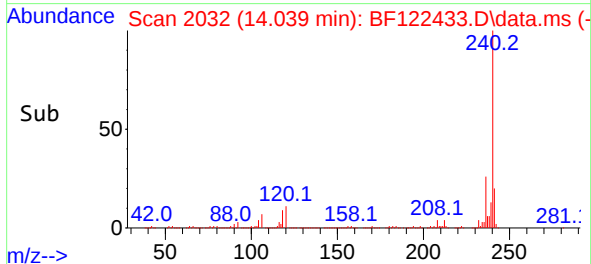
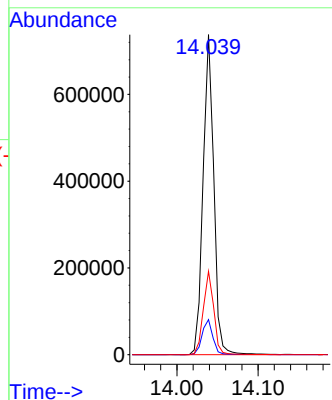
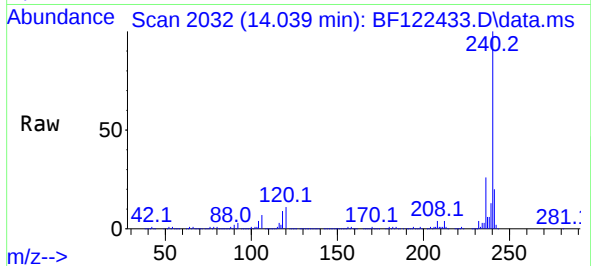




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

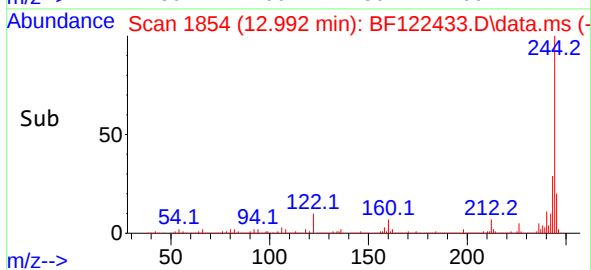
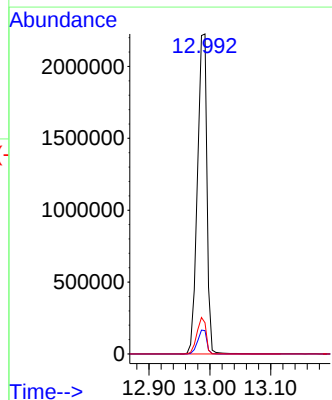
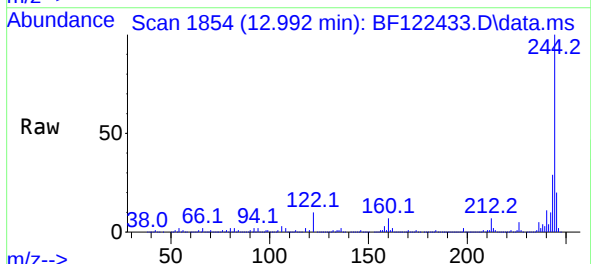
Instrument :
BNA_F
ClientSampleId :
11620

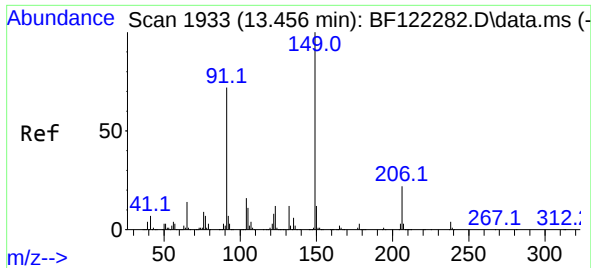
Tgt Ion:240 Resp: 676355
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 75.49 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion:244 Resp: 2410078
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.8 8.1 12.1

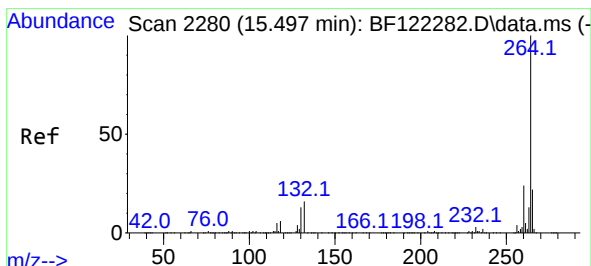
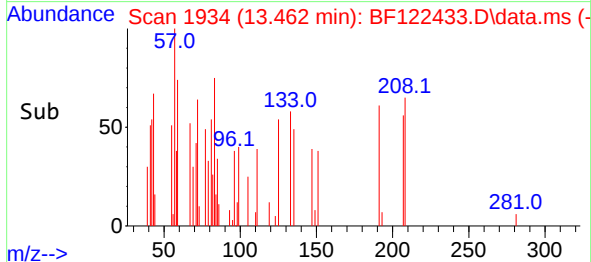
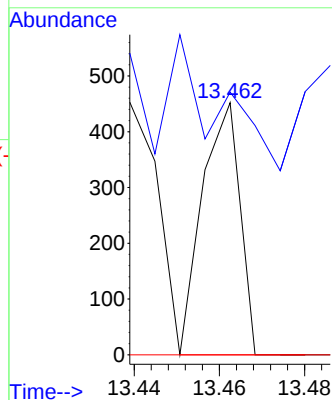
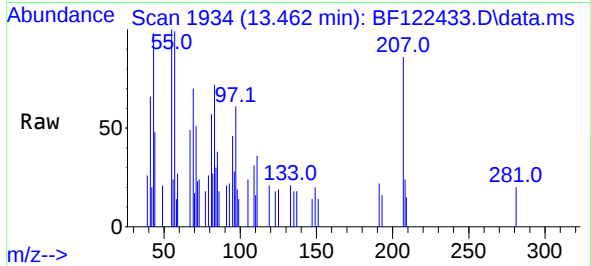




#80
Butylbenzylphthalate
Concen: 3.30 ng
RT: 13.462 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF122433.D
Acq: 21 Nov 2020 21:48

Instrument :
BNA_F
ClientSampleId :
11620

Tgt Ion:	149	Resp:	277
Ion	Ratio	Lower	Upper
149	100		
91	104.2	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: BF122433.D
Acq: 21 Nov 2020 21:48

Tgt Ion:	264	Resp:	586593
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	17.3	25.9

