

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122177.D
 Acq On : 30 Oct 2020 12:49
 Operator : JU/CG
 Sample : PB132703BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132703BL

Quant Time: Oct 30 13:48:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

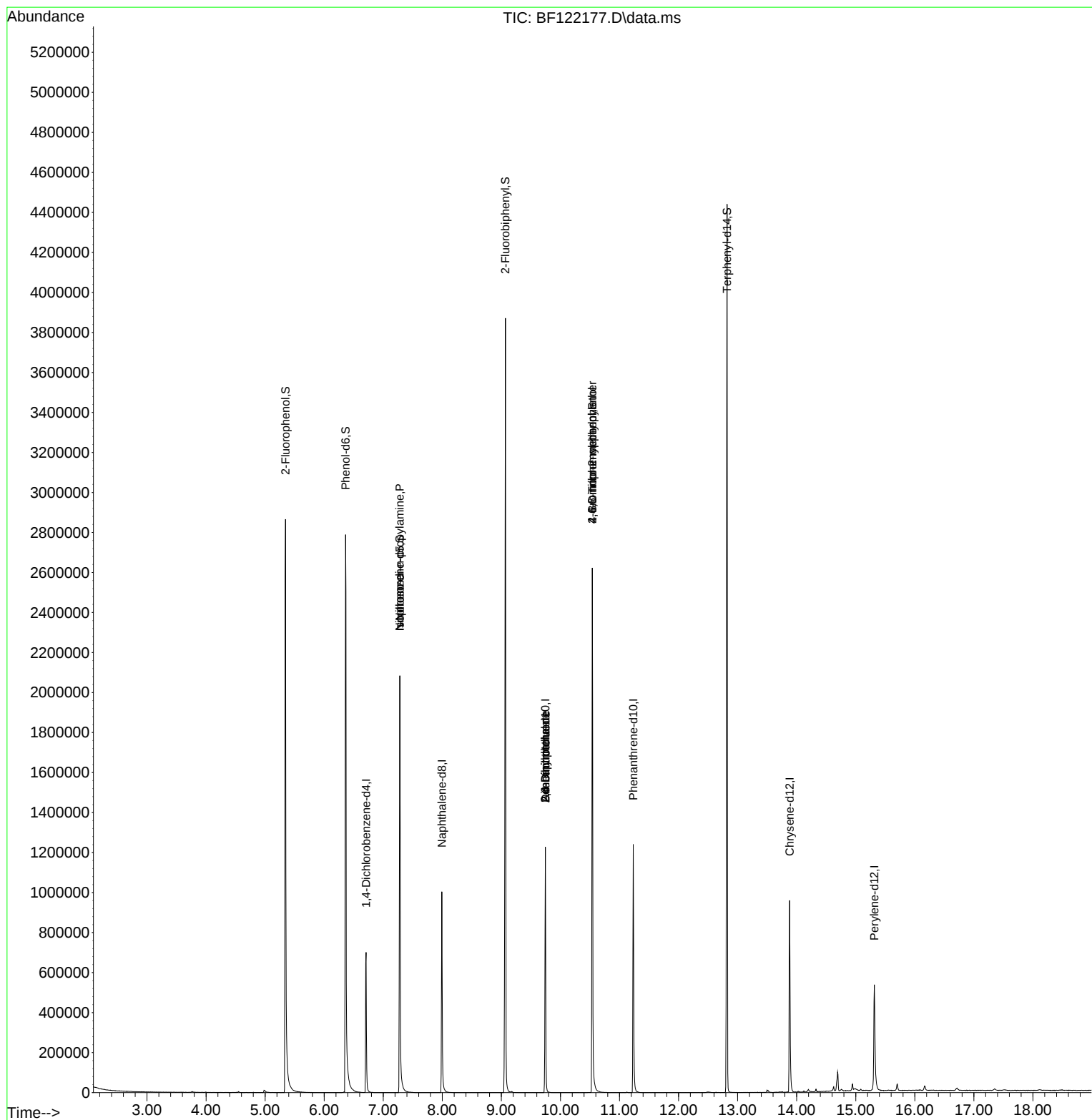
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	117749	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	474926	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	250454	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	489429	20.00	ng	0.00
76) Chrysene-d12	13.880	240	369906	20.00	ng	0.00
86) Perylene-d12	15.315	264	299305	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	908788	113.91	ng	0.01
7) Phenol-d6	6.363	99	1157924	112.75	ng	0.00
23) Nitrobenzene-d5	7.281	82	753119	81.33	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	365552	117.99	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1270425	74.63	ng	0.00
79) Terphenyl-d14	12.821	244	1406913	72.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.363	77	1718	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	101236	17.31	ng	# 79
25) Isophorone	7.281	82	753116	43.01	ng	# 67
50) Dimethylphthalate	9.745	163	50642	2.77	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	31258	7.78	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	31258	6.32	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	673	4.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	20757	3.67	ng	# 1

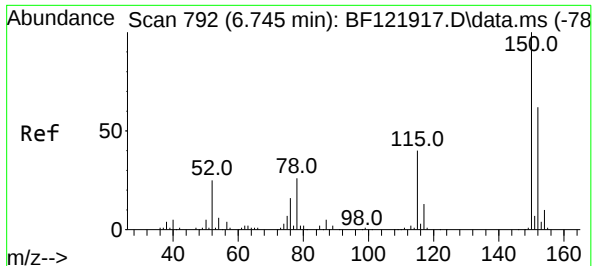
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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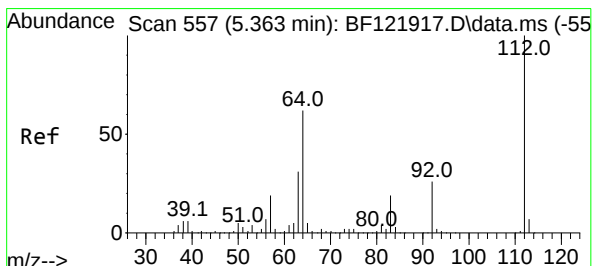
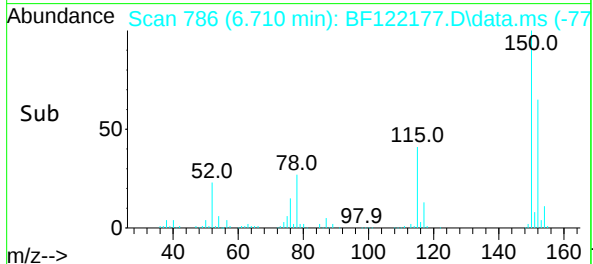
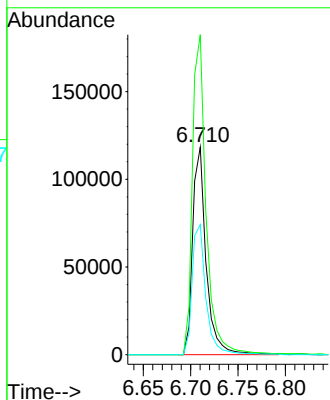
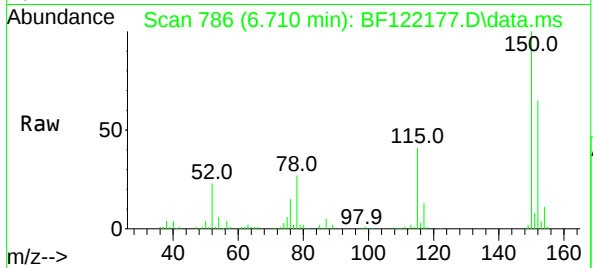




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122177.D
 Acq: 30 Oct 2020 12:49

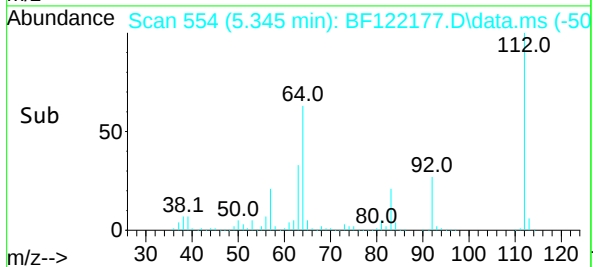
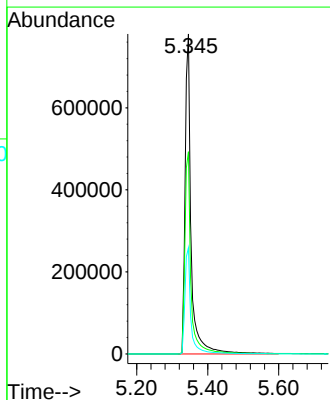
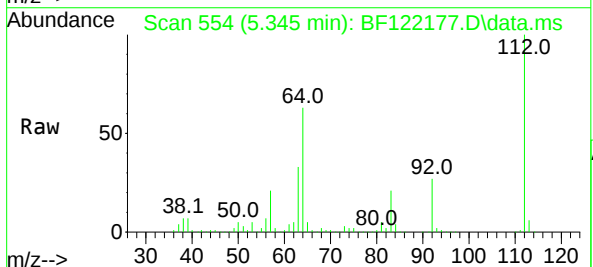
Instrument :
 BNA_F
 ClientSampleId :
 PB132703BL

Tgt Ion:152 Resp: 117749
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.3 187.9
 115 62.7 51.9 77.9



#5
 2-Fluorophenol
 Concen: 113.91 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF122177.D
 Acq: 30 Oct 2020 12:49

Tgt Ion:112 Resp: 908788
 Ion Ratio Lower Upper
 112 100
 64 63.2 50.4 75.6
 63 33.2 25.8 38.6

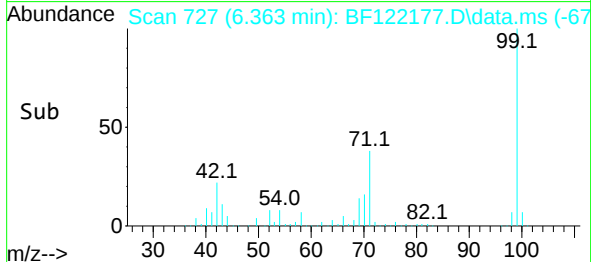
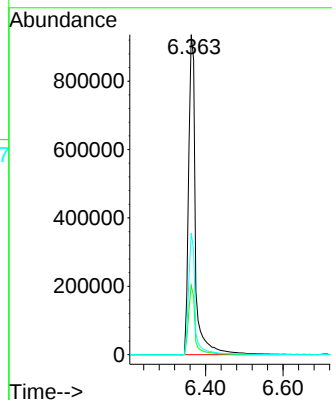
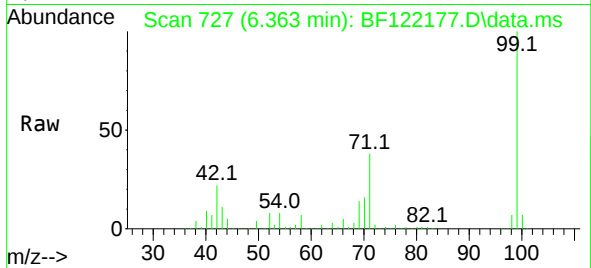




#7
Phenol-d6
Concen: 112.75 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

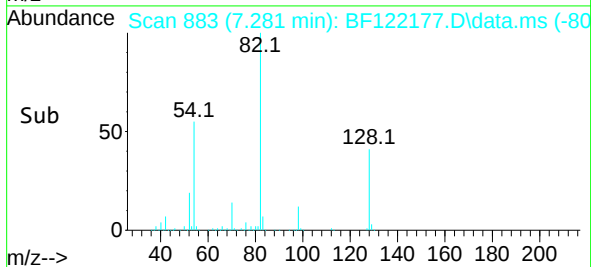
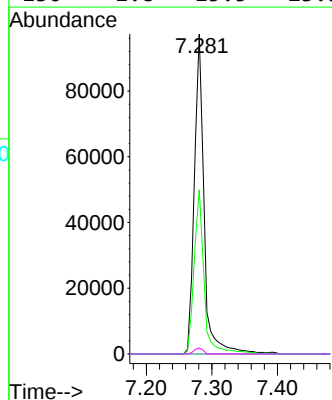
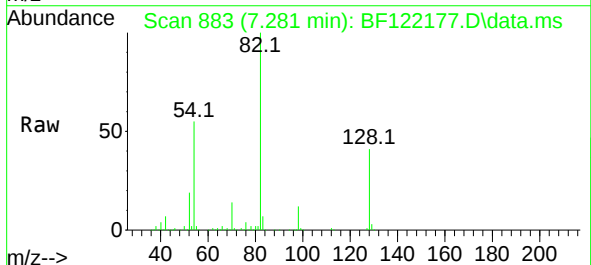
Instrument :
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ClientSampleId :
PB132703BL

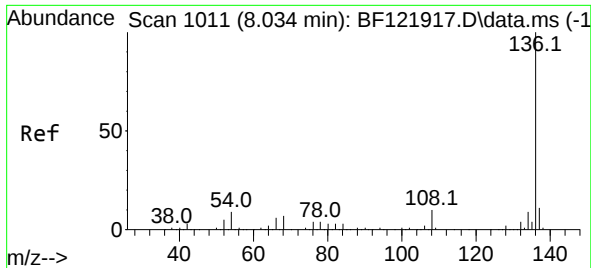
Tgt Ion: 99 Resp: 1157924
Ion Ratio Lower Upper
99 100
42 21.6 15.9 23.9
71 38.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.31 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion: 70 Resp: 101236
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

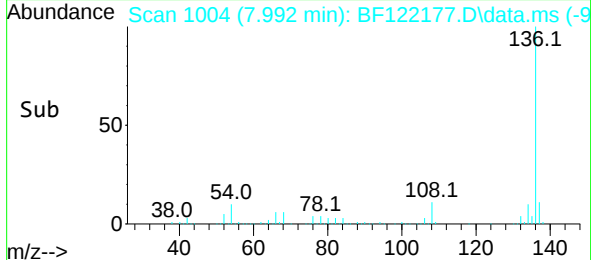
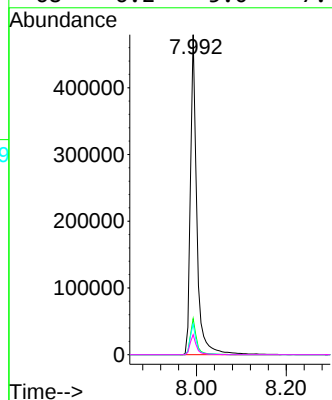
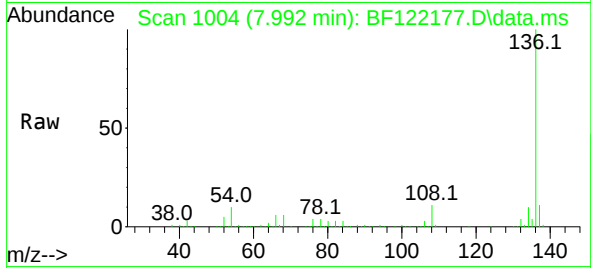




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

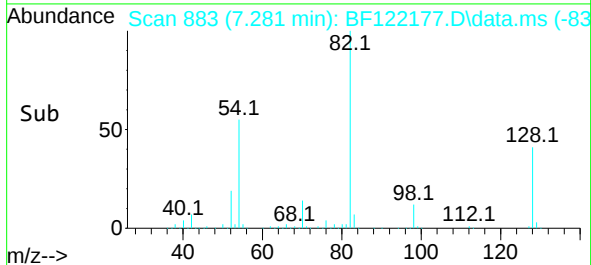
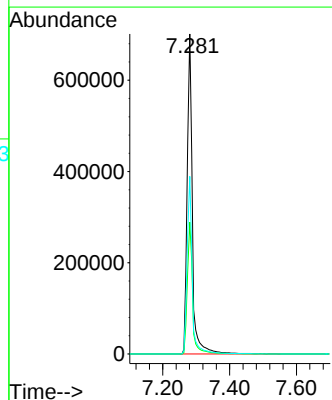
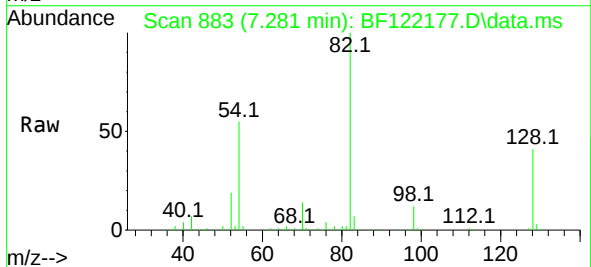
Instrument :
BNA_F
ClientSampleId :
PB132703BL

Tgt Ion:136 Resp: 474926
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.6 7.1 10.7
68 6.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 81.33 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion: 82 Resp: 753119
Ion Ratio Lower Upper
82 100
128 41.2 35.0 52.4
54 55.5 43.9 65.9

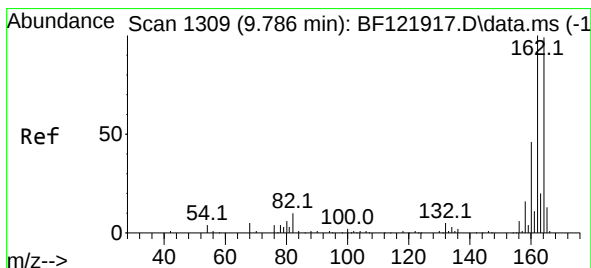
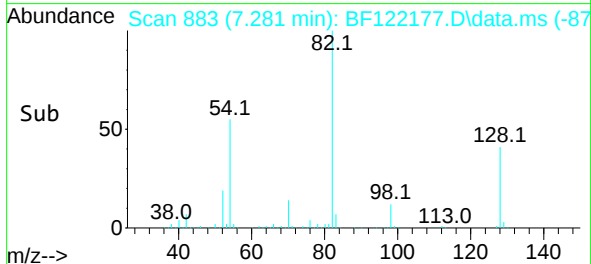
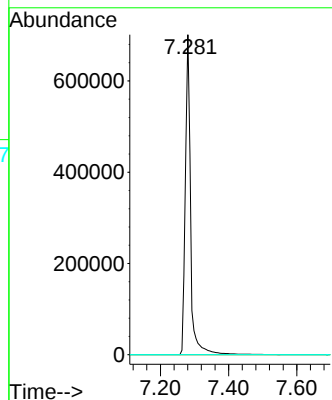
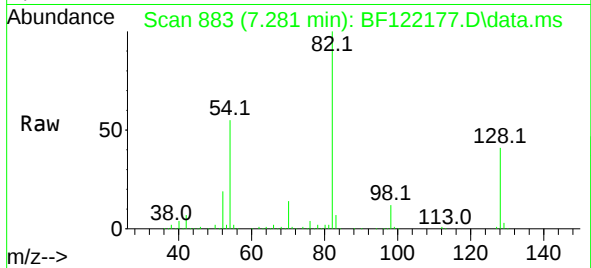




#25
Isophorone
Concen: 43.01 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

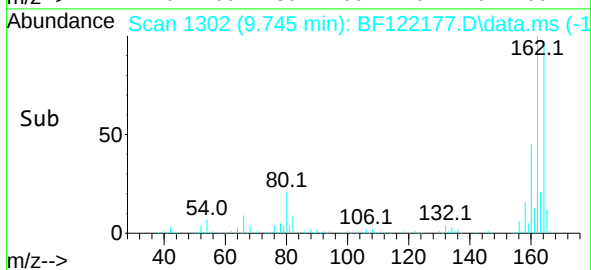
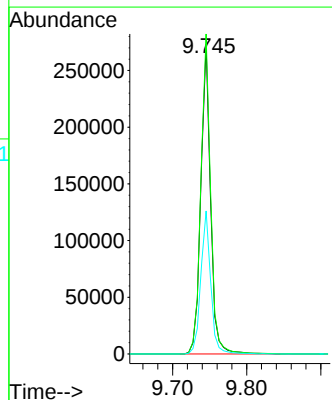
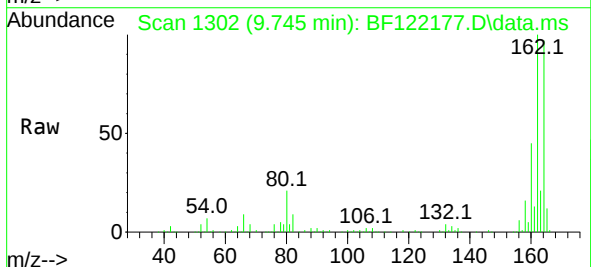
Instrument :
BNA_F
ClientSampleId :
PB132703BL

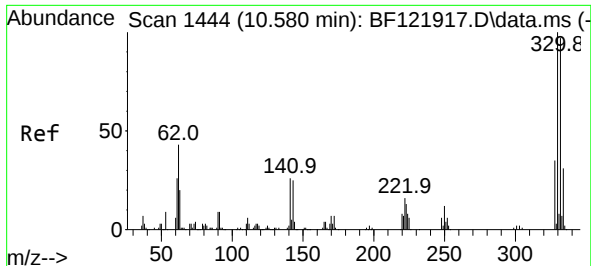
Tgt Ion: 82 Resp: 753116
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion:164 Resp: 250454
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 46.2 37.5 56.3

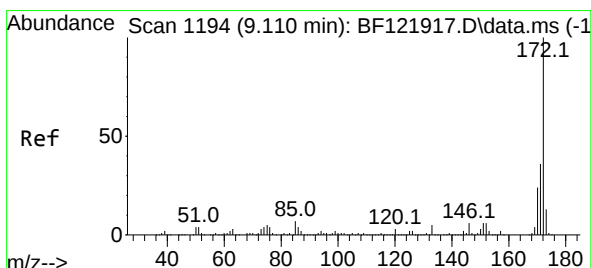
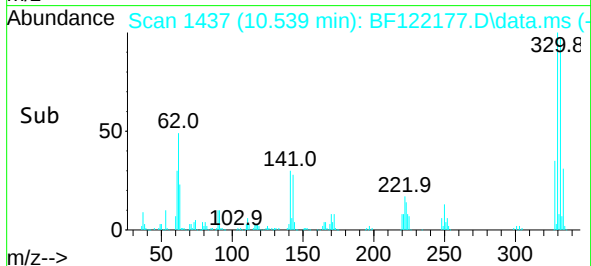
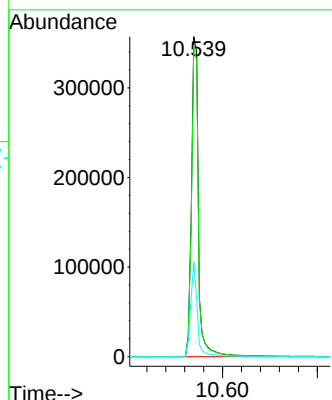
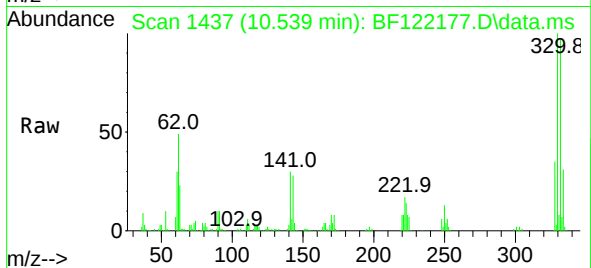




#42
2,4,6-Tribromophenol
Concen: 117.99 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

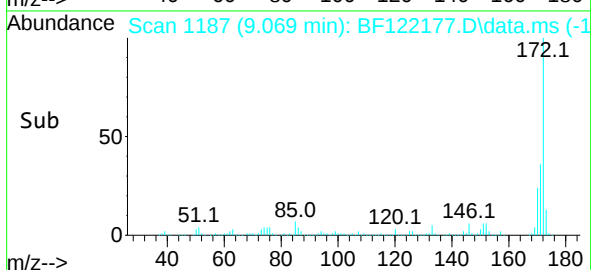
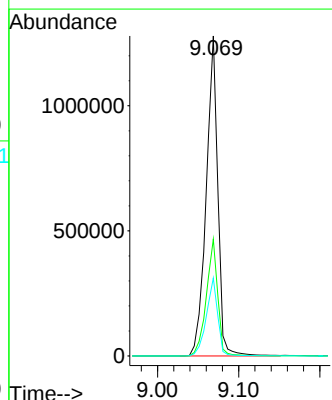
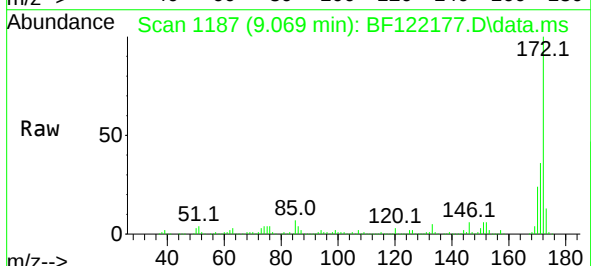
Instrument :
BNA_F
ClientSampleId :
PB132703BL

Tgt Ion:330 Resp: 365552
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 74.63 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion:172 Resp: 1270425
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.4 19.8 29.6

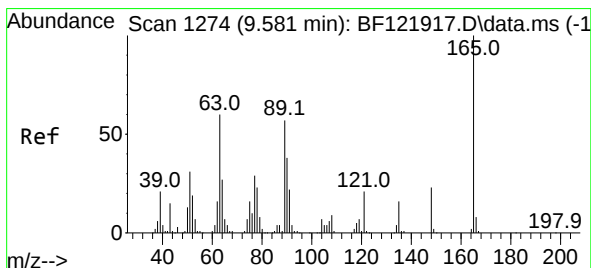
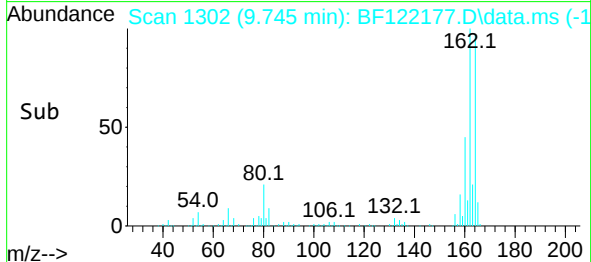
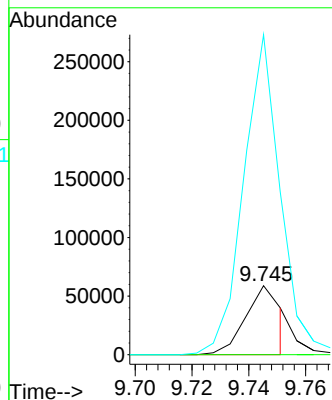
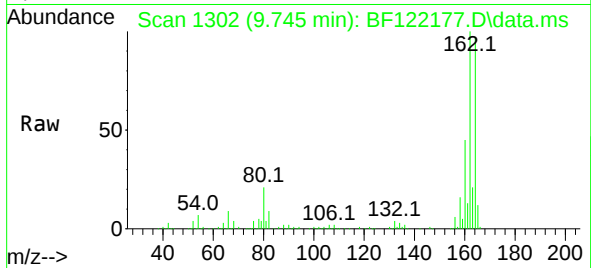




#50
Dimethylphthalate
Concen: 2.77 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

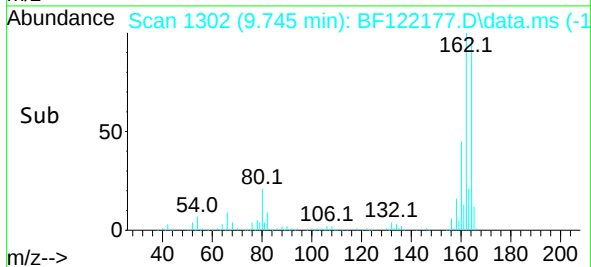
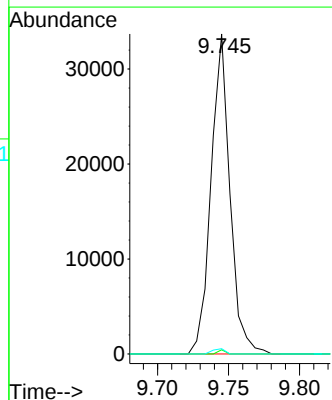
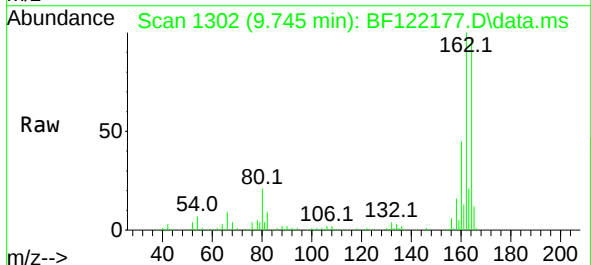
Instrument :
BNA_F
ClientSampleId :
PB132703BL

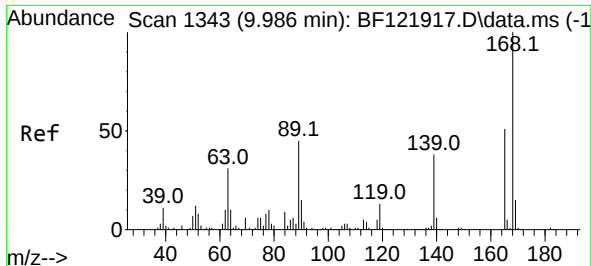
Tgt Ion:163 Resp: 50642
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 464.1 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion:165 Resp: 31258
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.7 49.0 73.6#

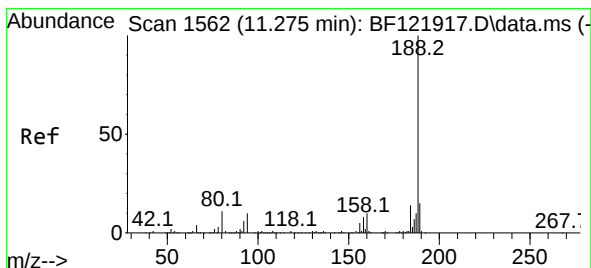
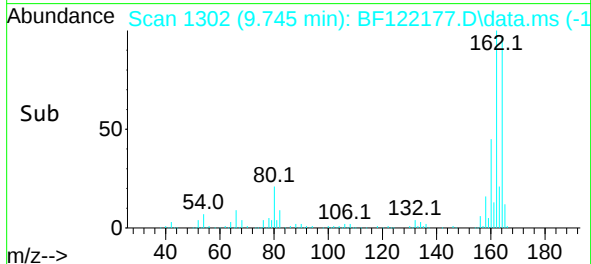
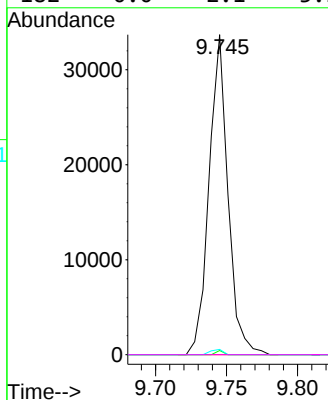
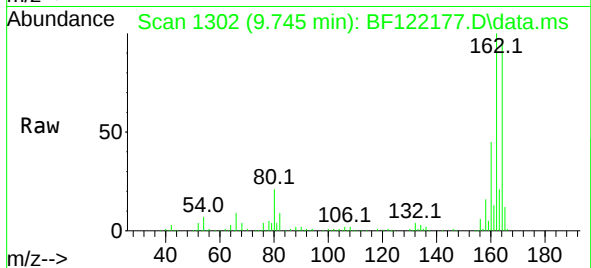




#57
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

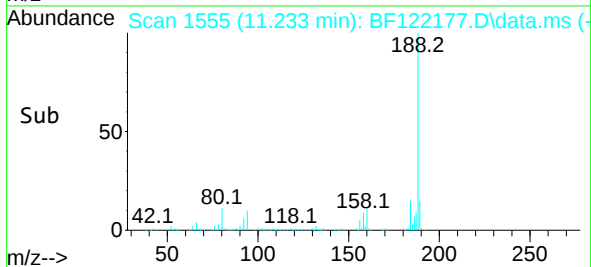
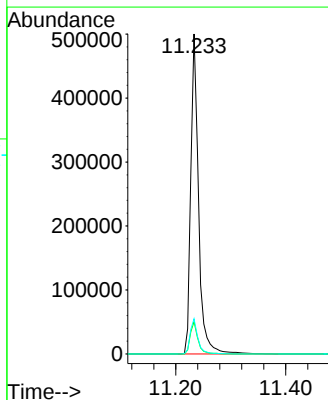
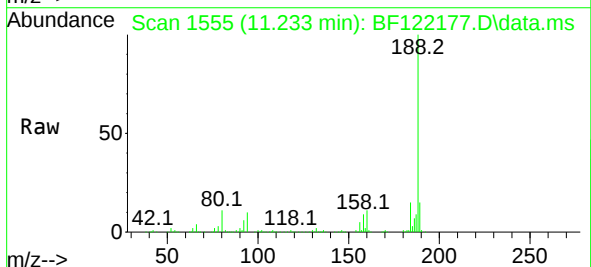
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PB132703BL

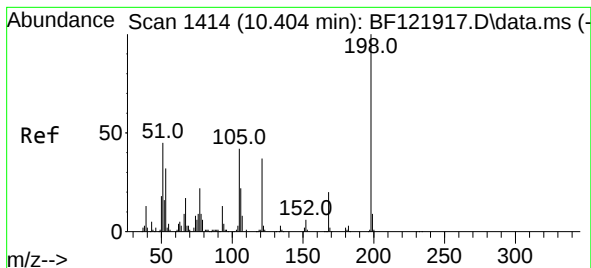
Tgt Ion:165	Resp:	31258
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.3 61.9#
89	1.7	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion:188	Resp:	489429
Ion Ratio	Lower	Upper
188	100	
94	10.1	8.3 12.5
80	11.0	9.1 13.7

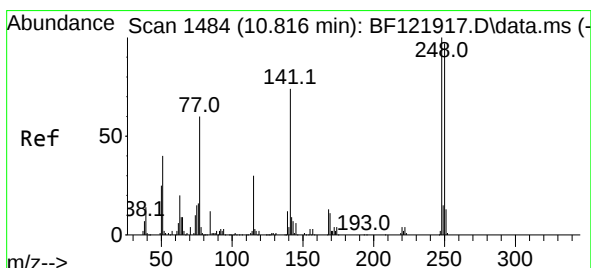
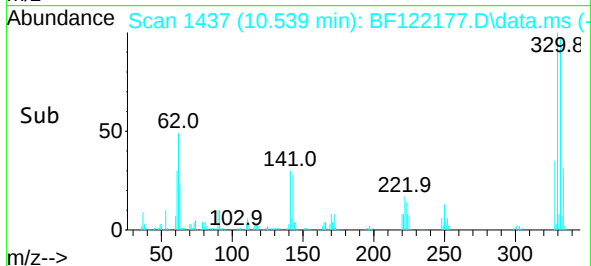
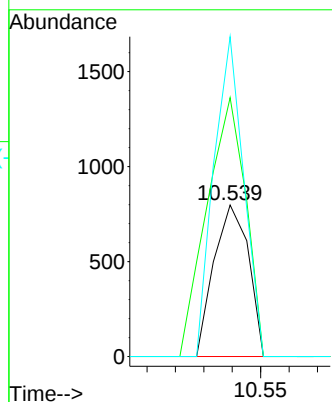
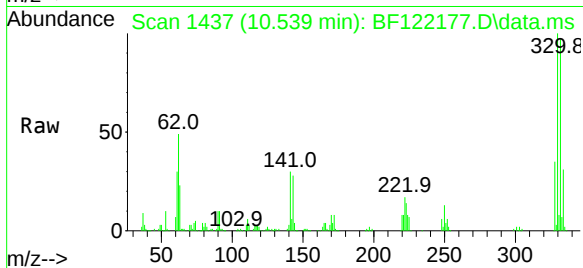




#65
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

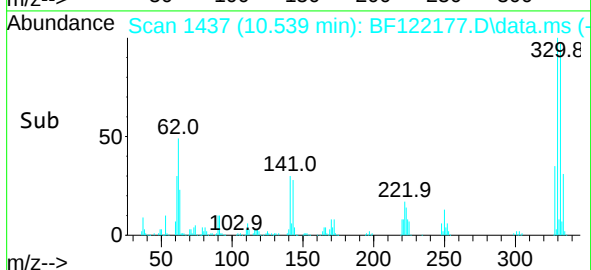
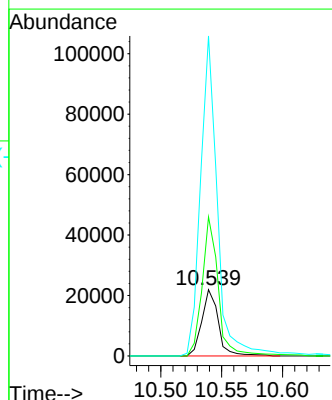
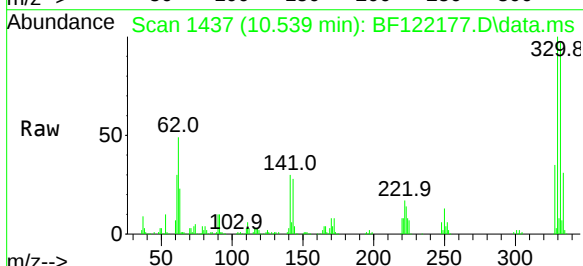
Instrument :
BNA_F
ClientSampleId :
PB132703BL

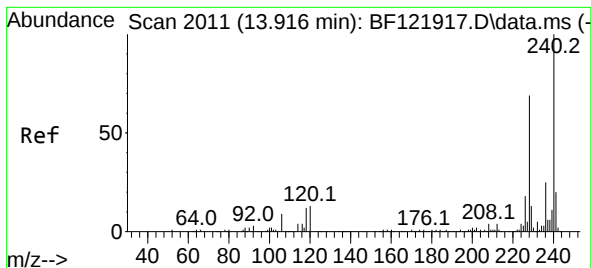
Tgt Ion:198 Resp: 673
Ion Ratio Lower Upper
198 100
51 170.8 29.6 69.6#
105 211.0 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

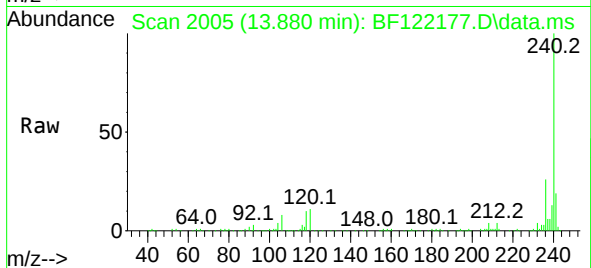
Tgt Ion:248 Resp: 20757
Ion Ratio Lower Upper
248 100
250 210.0 77.0 115.6#
141 483.5 53.7 80.5#



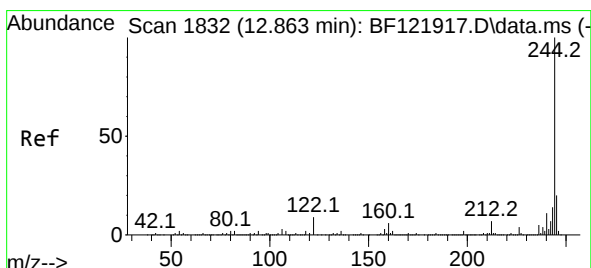
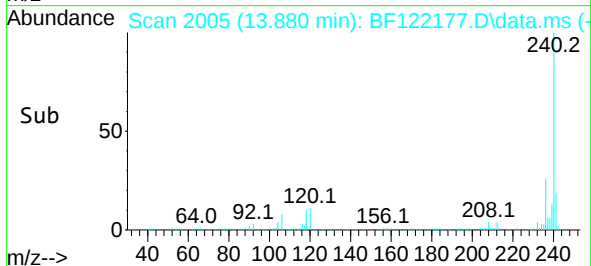
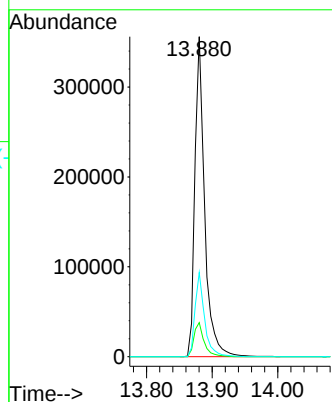


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PB132703BL

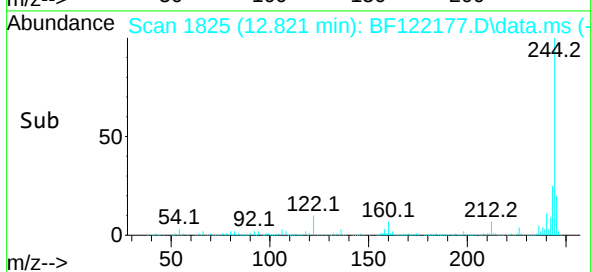
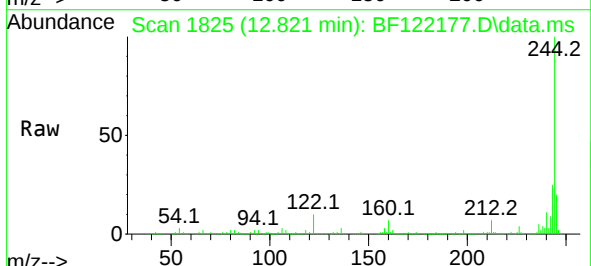
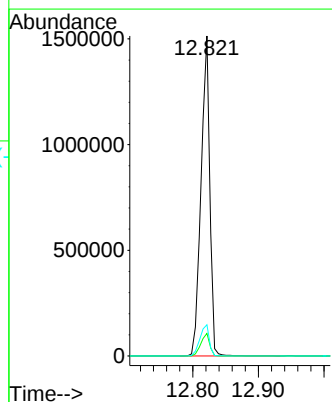


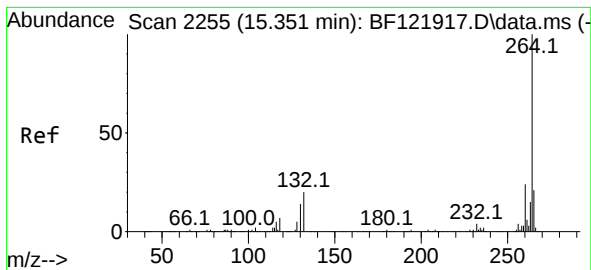
Tgt Ion:240 Resp: 369906
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 72.48 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122177.D
Acq: 30 Oct 2020 12:49

Tgt Ion:244 Resp: 1406913
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122177.D
 Acq: 30 Oct 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB132703BL

Tgt Ion:264 Resp: 299305
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.0 17.3 25.9

