

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122238.D
 Acq On : 3 Nov 2020 13:11
 Operator : JU/CG
 Sample : PB132766BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 03 14:08:35 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)

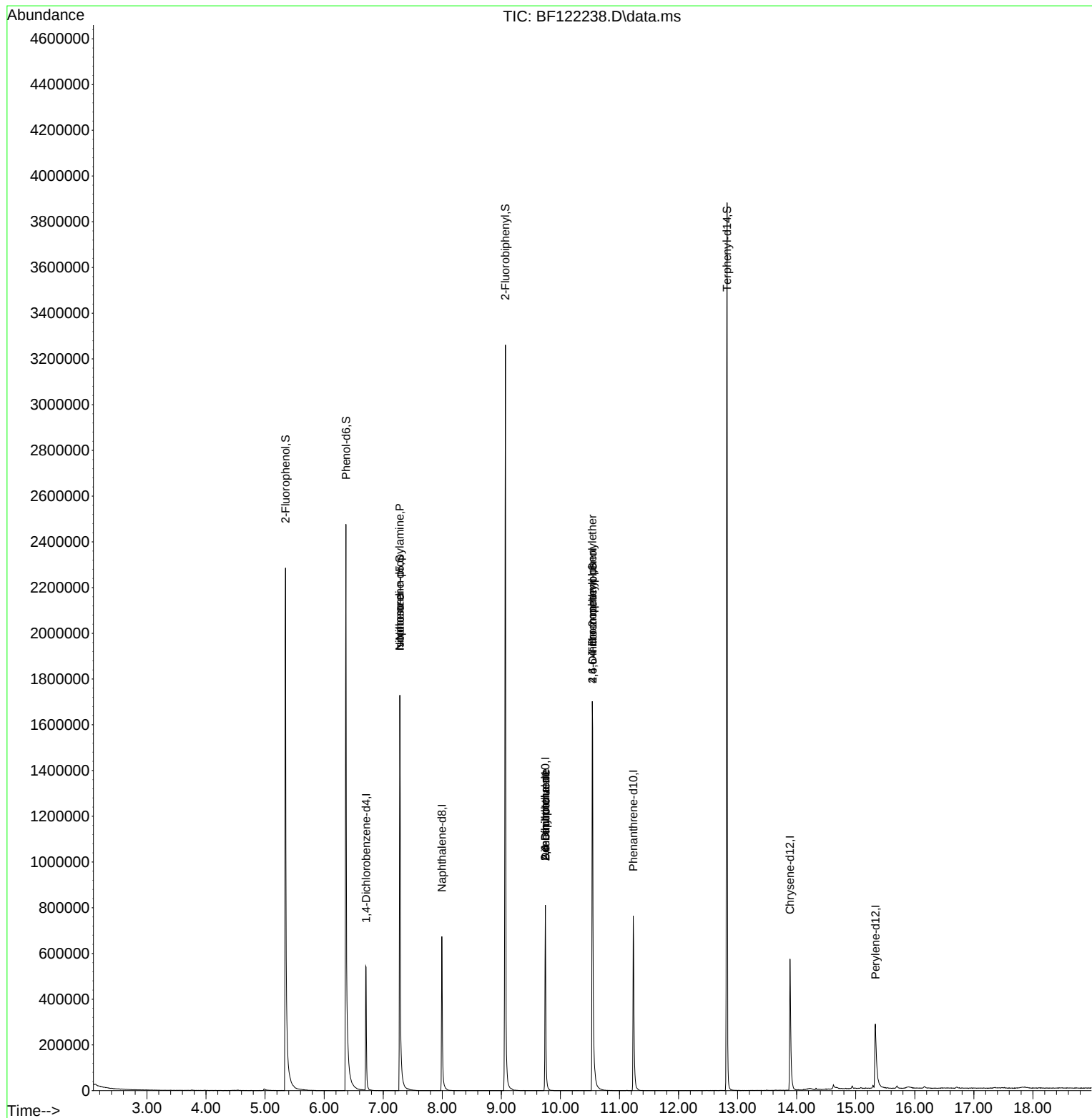
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	93980	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	376217	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	197544	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	387253	20.00	ng	0.00
76) Chrysene-d12	13.886	240	297835	20.00	ng	0.00
86) Perylene-d12	15.333	264	239933	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	821978	129.09	ng	0.01
7) Phenol-d6	6.369	99	1041924	127.11	ng	0.00
23) Nitrobenzene-d5	7.281	82	691914	94.32	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	312365	127.83	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1187114	88.42	ng	0.00
79) Terphenyl-d14	12.822	244	1326347	84.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1368	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	92315	19.78	ng	# 81
25) Isophorone	7.281	82	692643	49.93	ng	# 67
50) Dimethylphthalate	9.745	163	34115	2.36	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	24677	7.79	ng	# 20
57) 2,4-Dinitrotoluene	9.745	165	24677	6.33	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.545	198	342	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	18301	4.09	ng	# 1

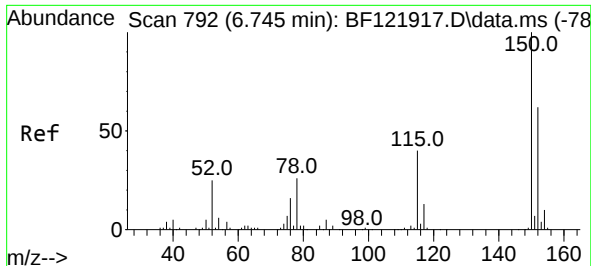
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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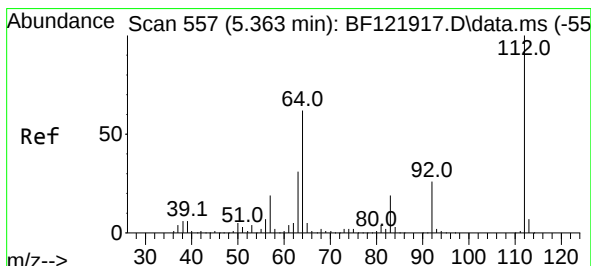
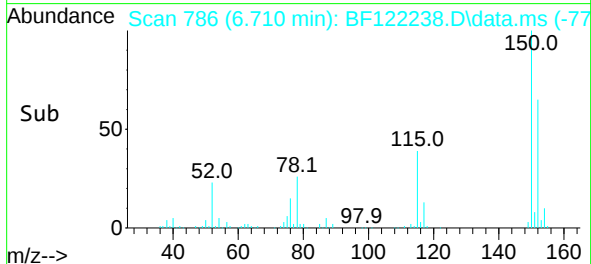
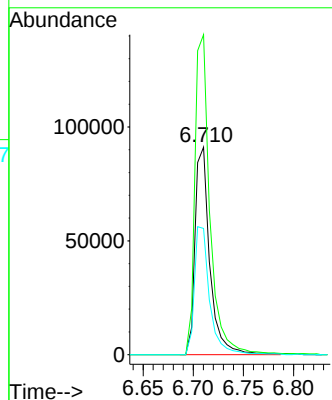
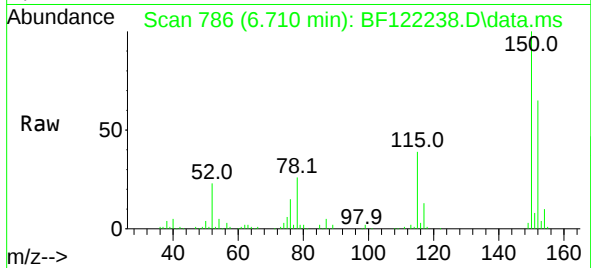




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

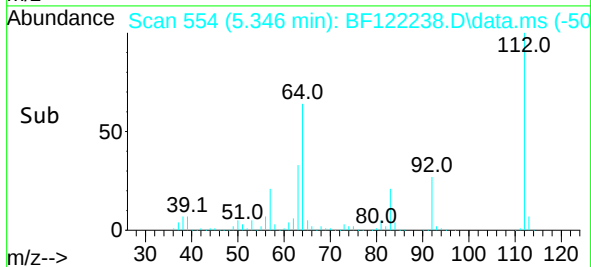
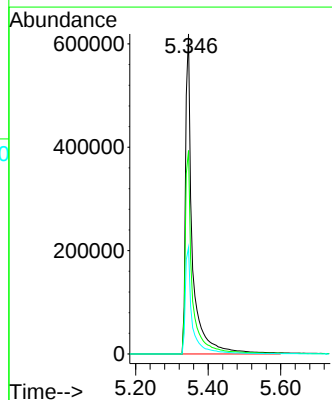
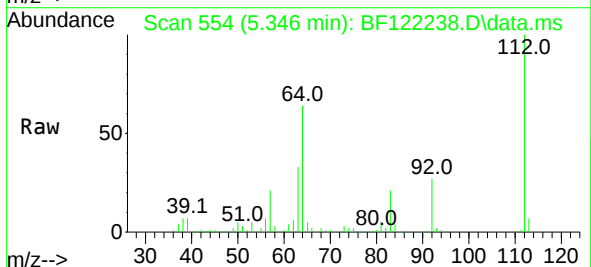
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 93980
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 60.9 51.9 77.9



#5
2-Fluorophenol
Concen: 129.09 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

Tgt Ion:112 Resp: 821978
Ion Ratio Lower Upper
112 100
64 63.5 50.4 75.6
63 33.3 25.8 38.6

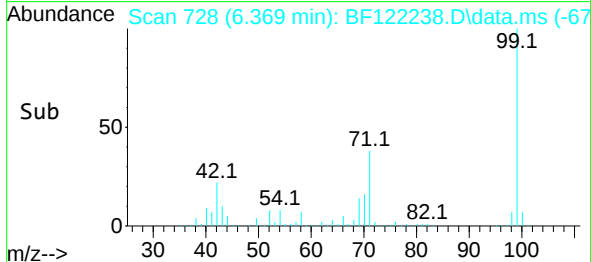
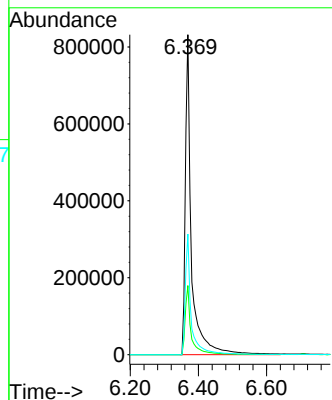
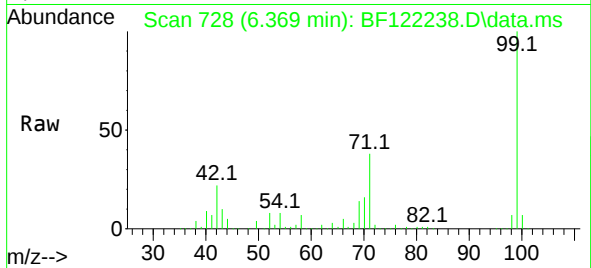




#7
Phenol-d6
Concen: 127.11 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

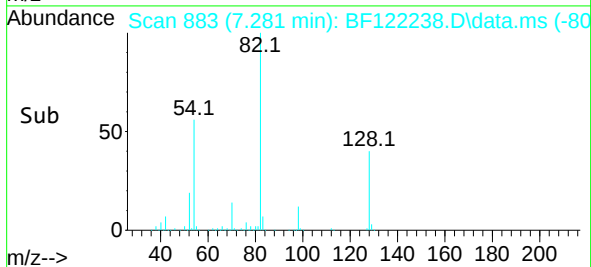
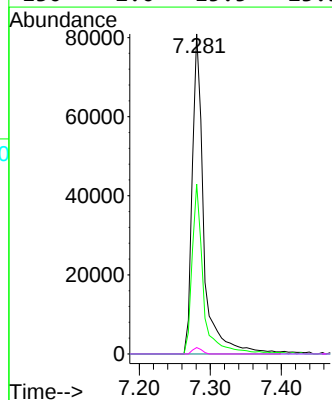
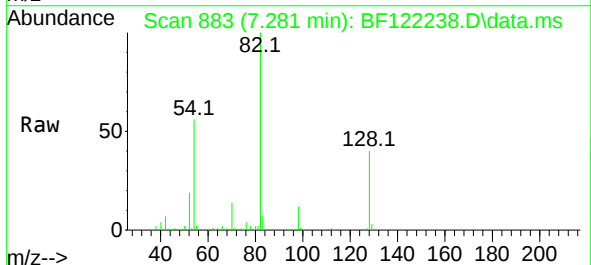
Instrument :
BNA_M
ClientSampled :

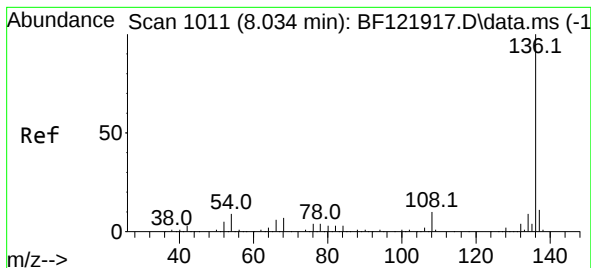
Tgt Ion: 99 Resp: 1041924
Ion Ratio Lower Upper
99 100
42 21.6 15.9 23.9
71 37.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.78 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

Tgt Ion: 70 Resp: 92315
Ion Ratio Lower Upper
70 100
42 53.1 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

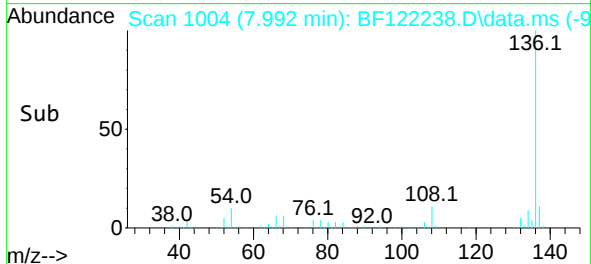
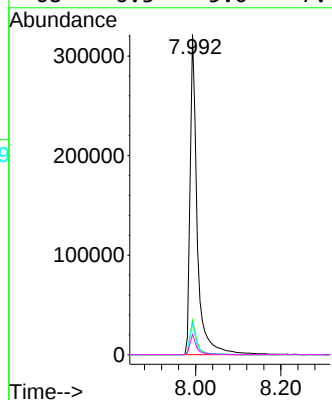
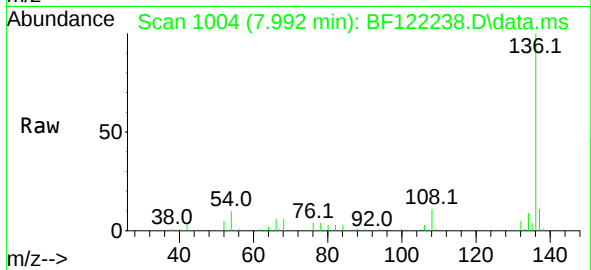




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

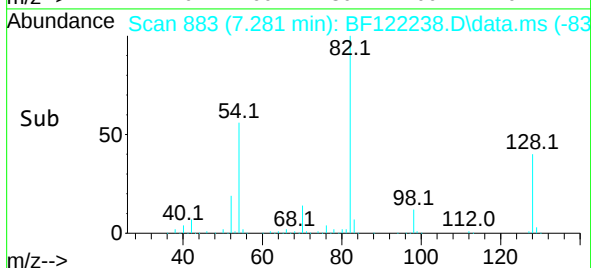
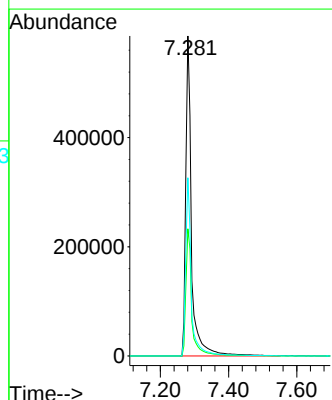
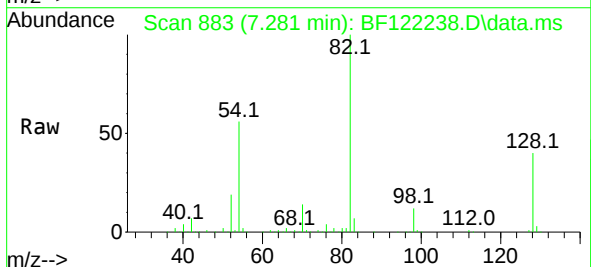
Instrument :
BNA_M
ClientSampled :

Tgt Ion:136 Resp: 376217
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 7.1 10.7
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

Tgt Ion: 82 Resp: 691914
Ion Ratio Lower Upper
82 100
128 39.8 35.0 52.4
54 55.7 43.9 65.9

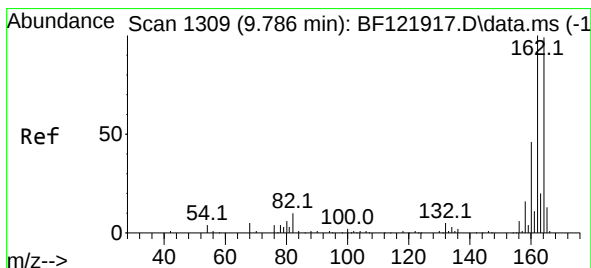
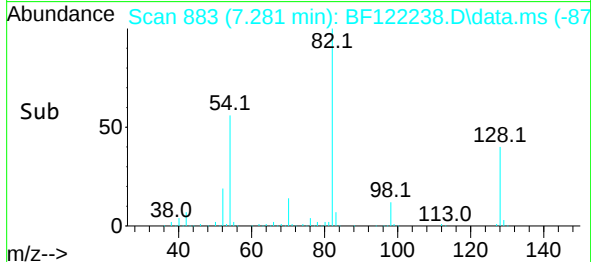
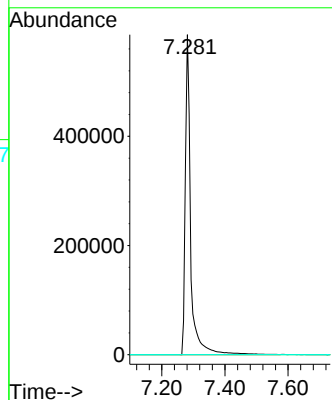
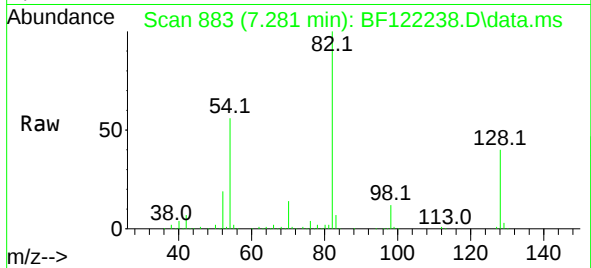




#25
Isophorone
Concen: 49.93 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

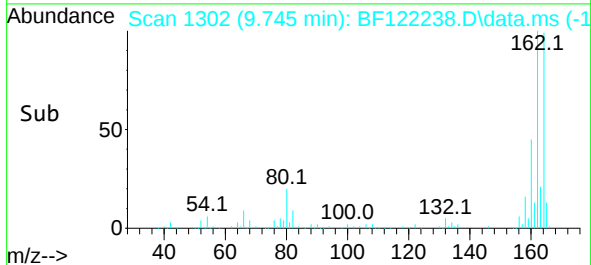
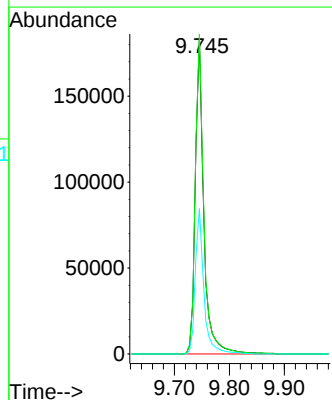
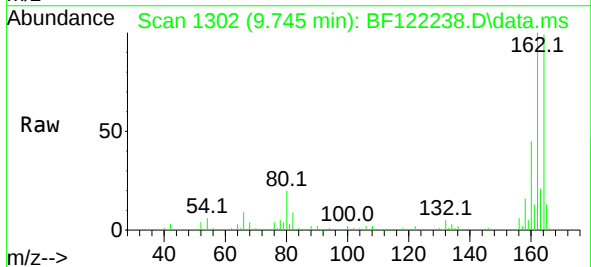
Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 692643
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: BF122238.D
Acq: 3 Nov 2020 13:11

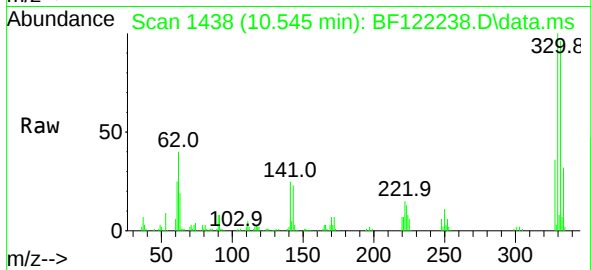
Tgt Ion:164 Resp: 197544
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 45.9 37.5 56.3



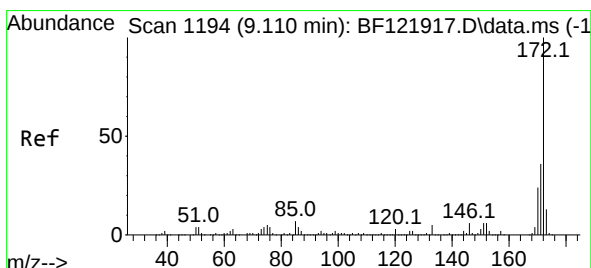
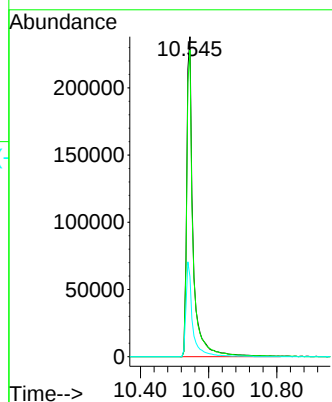
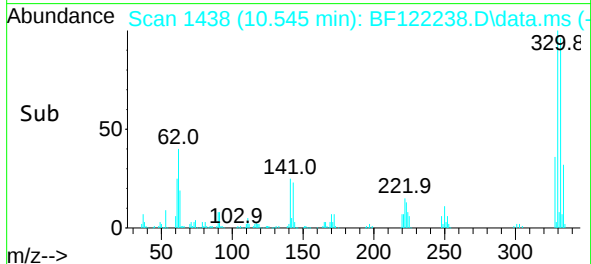


#42
2,4,6-Tribromophenol
Concen: 127.83 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

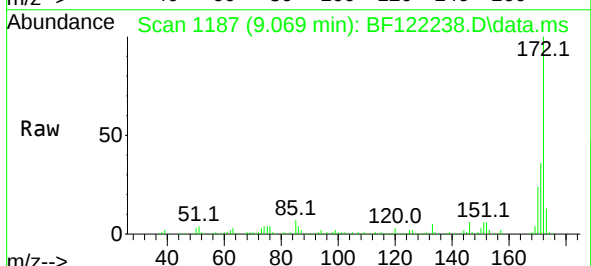
Instrument :
BNA_M
ClientSampled :



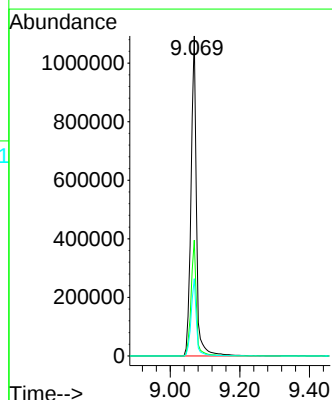
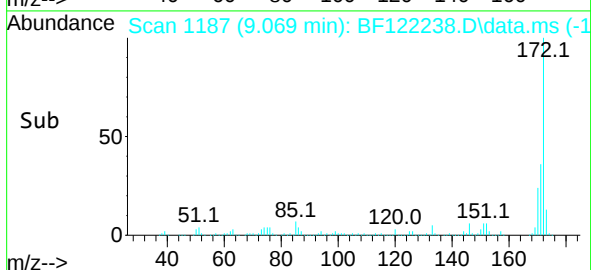
Tgt Ion:330 Resp: 312365
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 30.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 88.42 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11



Tgt Ion:172 Resp: 1187114
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 19.8 29.6

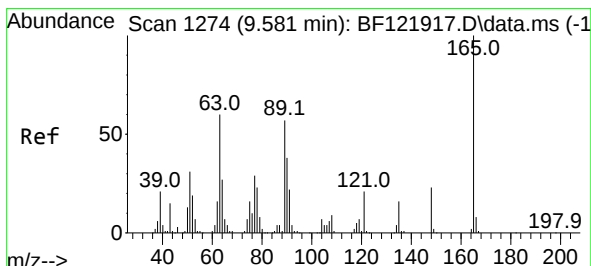
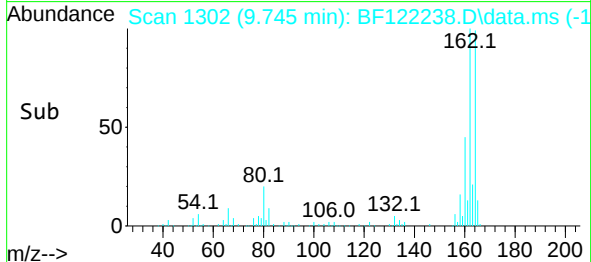
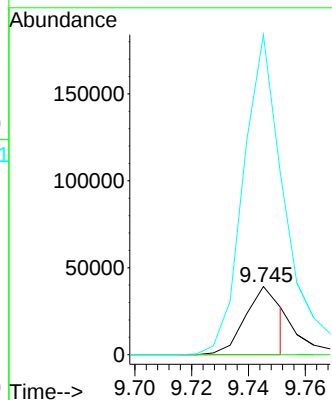
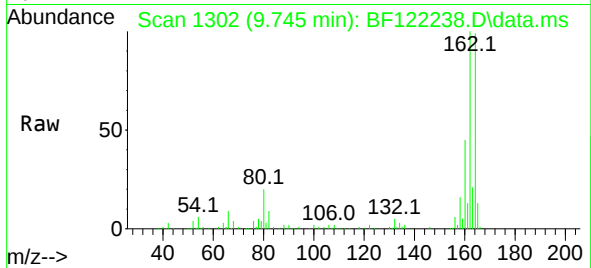




#50
Dimethylphthalate
Concen: 2.36 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

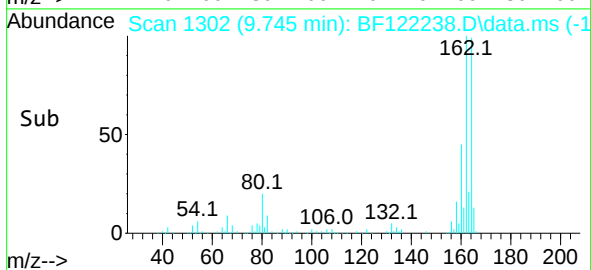
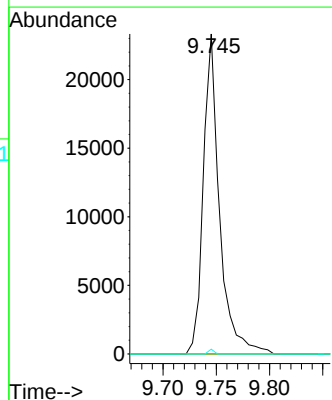
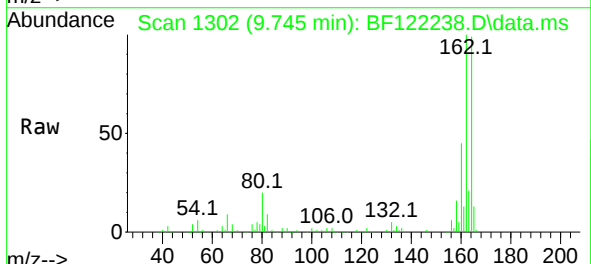
Instrument :
BNA_M
ClientSampleId :

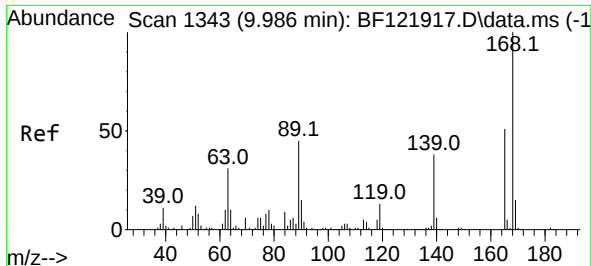
Tgt Ion:163 Resp: 34115
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 469.4 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

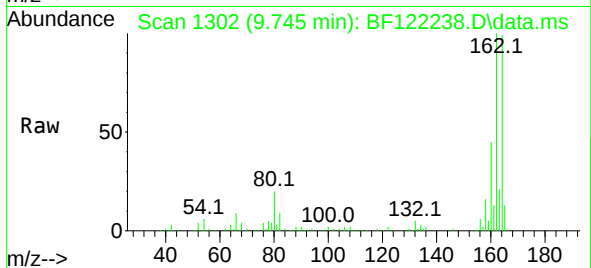
Tgt Ion:165 Resp: 24677
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 1.5 49.0 73.6#



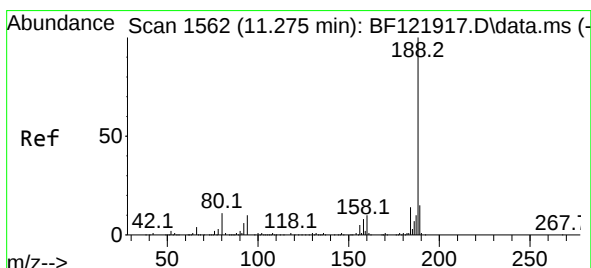
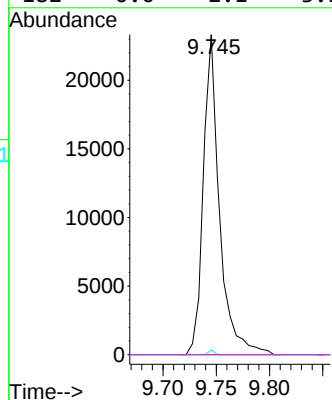
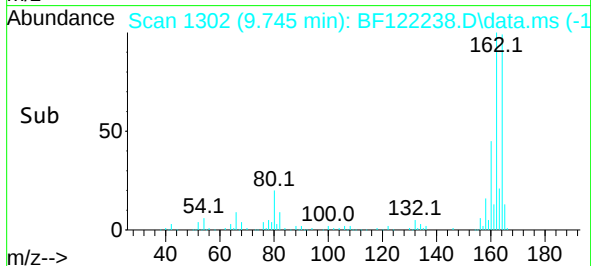


#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

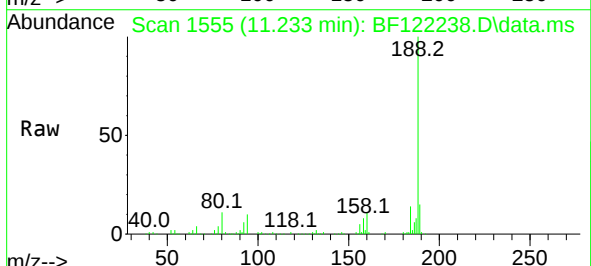
Instrument :
BNA_M
ClientSampled :



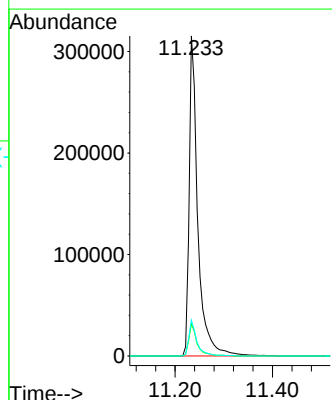
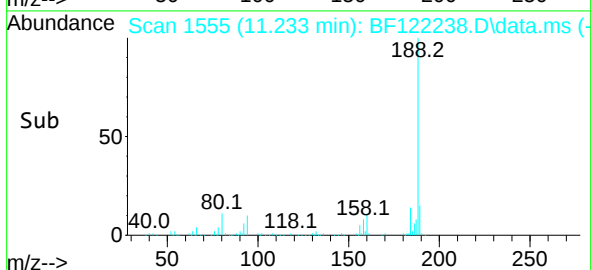
Tgt Ion:165 Resp: 24677
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

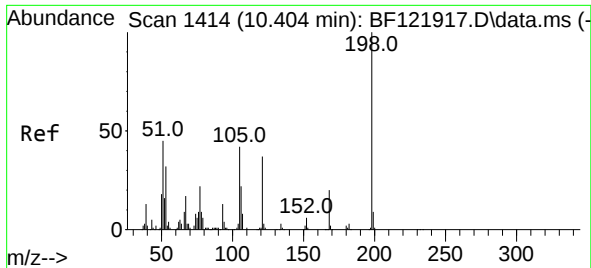


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11



Tgt Ion:188 Resp: 387253
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.2 9.1 13.7

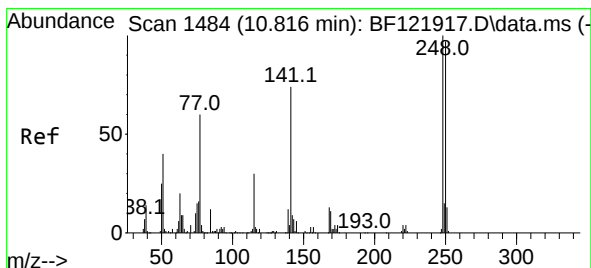
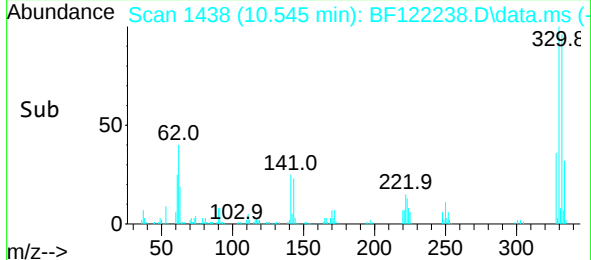
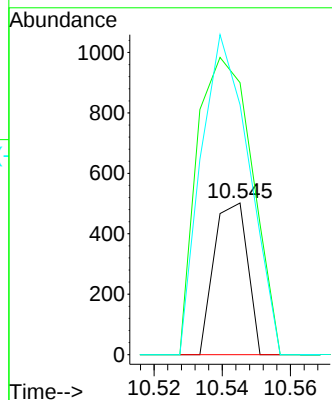
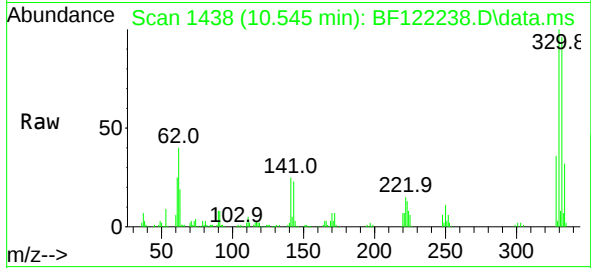




#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.171 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

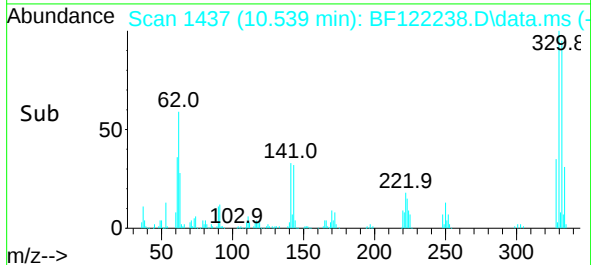
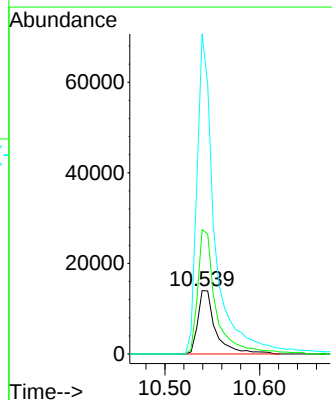
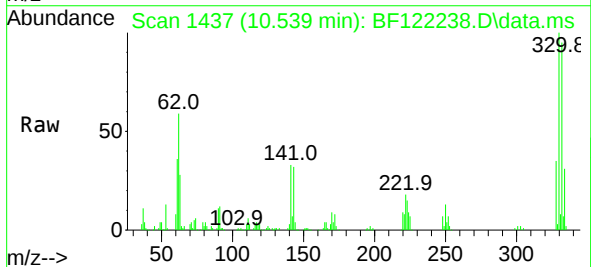
Instrument :
BNA_M
ClientSampled :

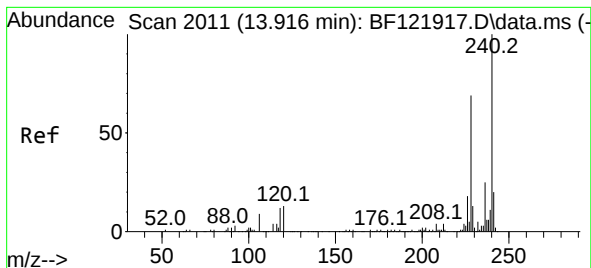
Tgt Ion:198 Resp: 342
Ion Ratio Lower Upper
198 100
51 179.3 29.6 69.6#
105 164.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

Tgt Ion:248 Resp: 18301
Ion Ratio Lower Upper
248 100
250 196.2 77.0 115.6#
141 504.9 53.7 80.5#

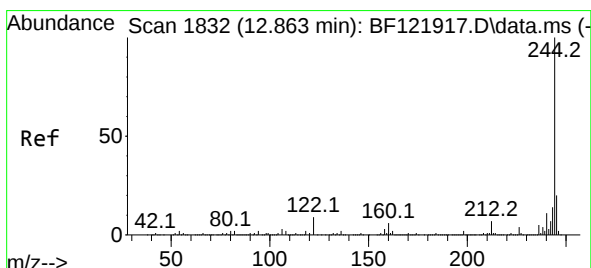
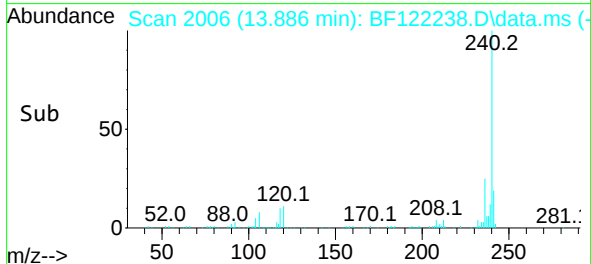
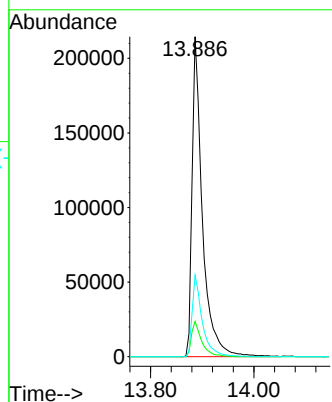
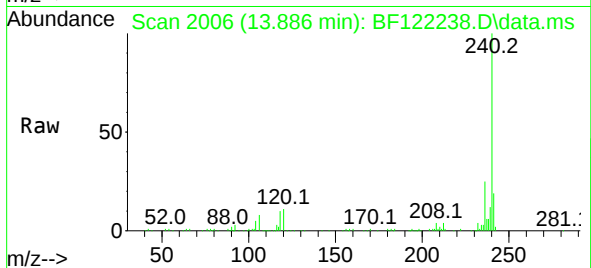




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

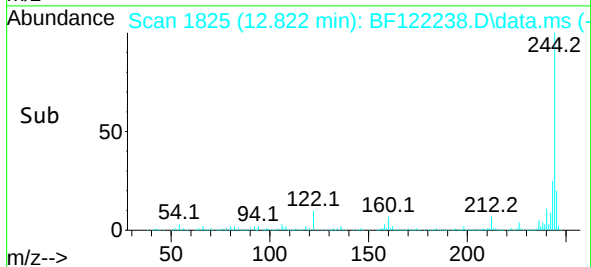
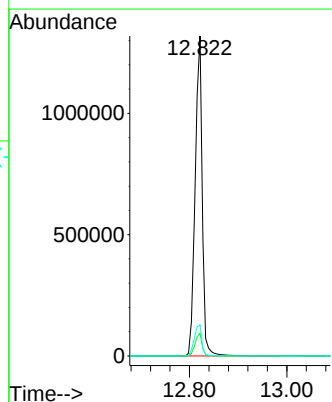
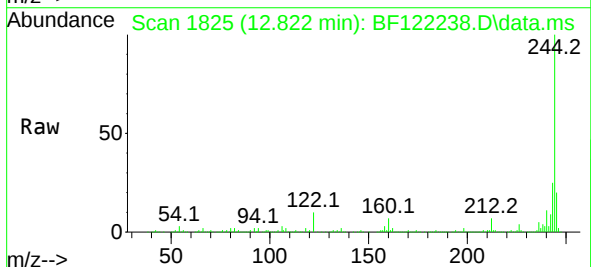
Instrument :
BNA_M
ClientSampleId :

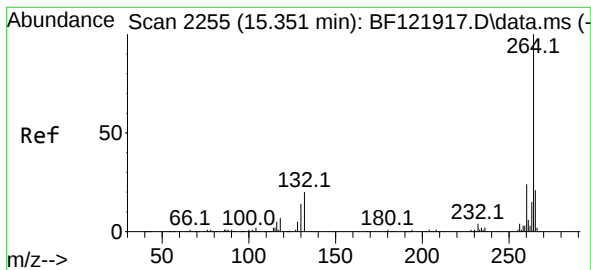
Tgt Ion:240 Resp: 297835
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 84.87 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122238.D
Acq: 3 Nov 2020 13:11

Tgt Ion:244 Resp: 1326347
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. 0.029 min
 Lab File: BF122238.D
 Acq: 3 Nov 2020 13:11

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:264 Resp: 239933
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.1 17.3 25.9

