

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122207.D
 Acq On : 31 Oct 2020 7:37
 Operator : JU/CG
 Sample : PB132741BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132741BL

Quant Time: Nov 01 23:50:08 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)

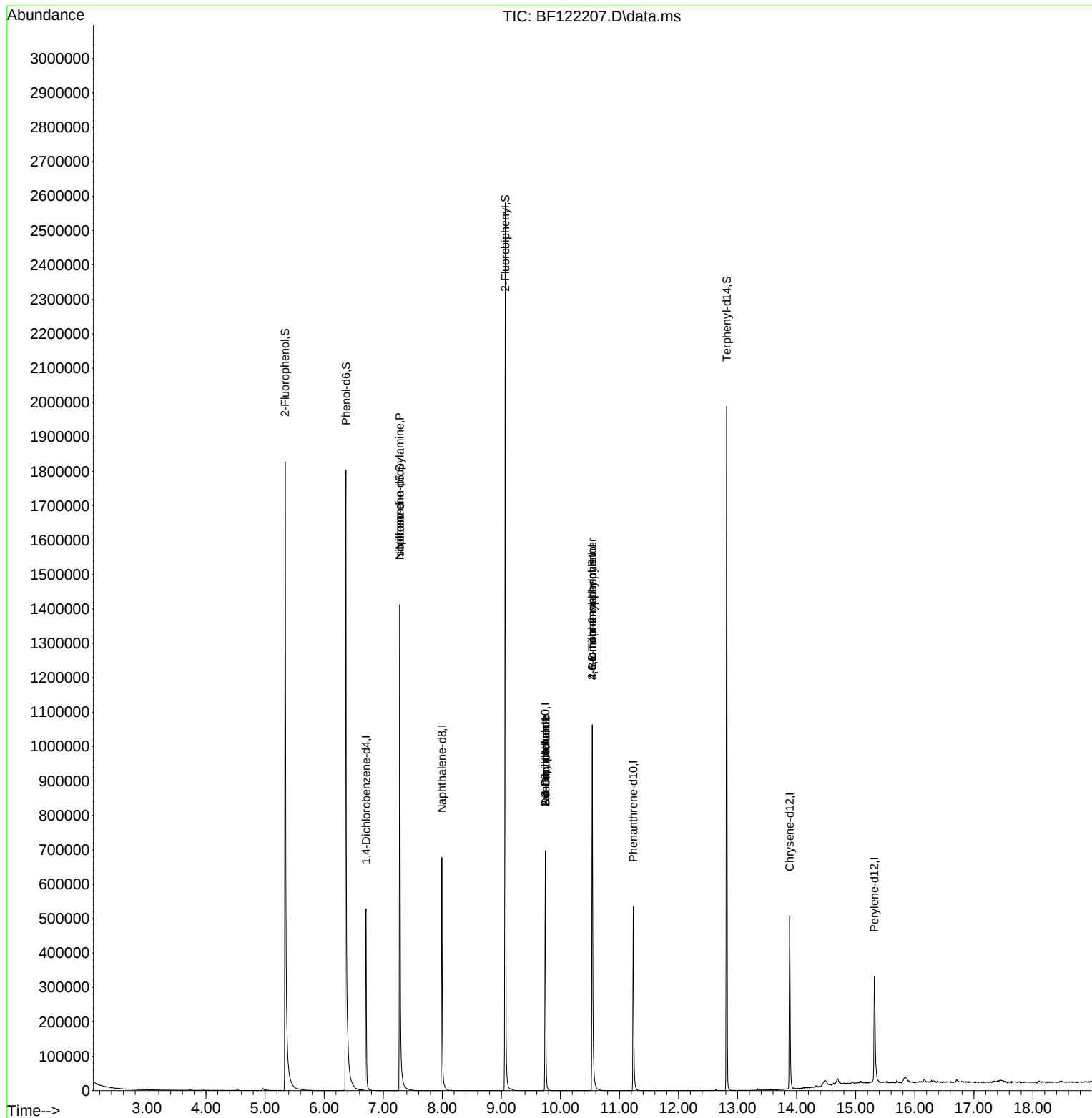
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	89473	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	333128	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	149018	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	228172	20.00	ng	0.00
76) Chrysene-d12	13.880	240	190820	20.00	ng	0.00
86) Perylene-d12	15.316	264	178500	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	641906	105.89	ng	0.00
7) Phenol-d6	6.369	99	778446	99.75	ng	0.00
23) Nitrobenzene-d5	7.281	82	498769	76.79	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	151440	82.15	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	819194	80.88	ng	0.00
79) Terphenyl-d14	12.816	244	608054	60.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	899	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	65587	14.76	ng	# 79
25) Isophorone	7.281	82	498766	40.61	ng	# 67
50) Dimethylphthalate	9.745	163	28382	2.60	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	18569	7.77	ng	# 19
57) 2,4-Dinitrotoluene	9.745	165	18569	6.31	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.539	198	144	4.52	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	8631	3.27	ng	# 1

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

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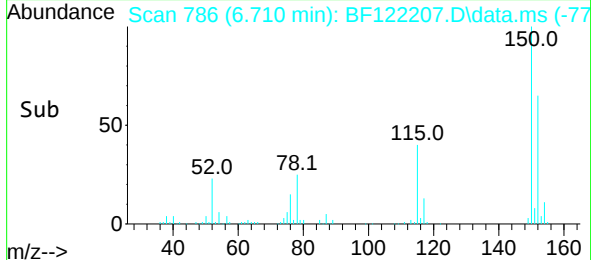
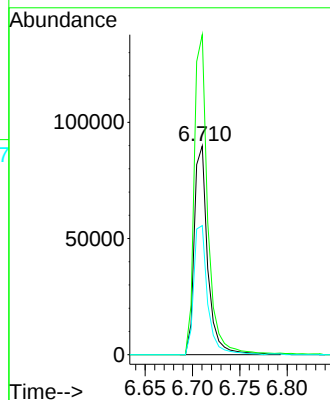
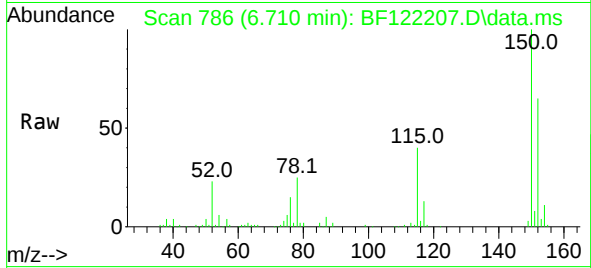




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122207.D
 Acq: 31 Oct 2020 7:37

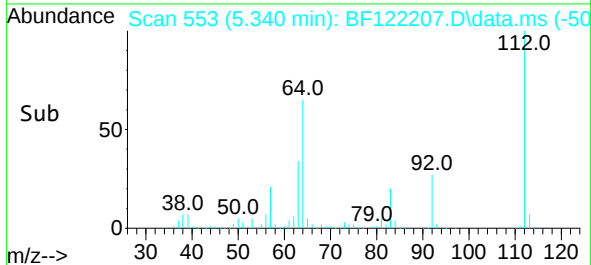
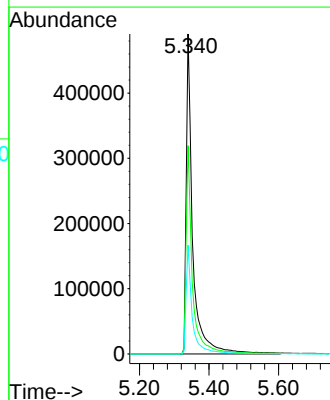
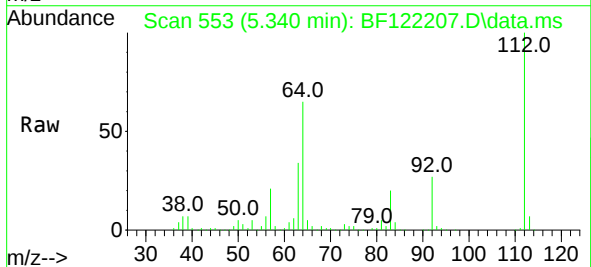
Instrument :
 BNA_F
 ClientSampleId :
 PB132741BL

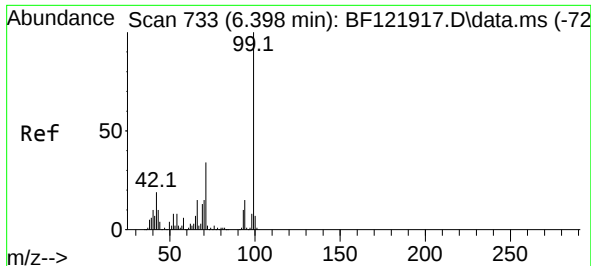
Tgt Ion:152 Resp: 89473
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.3 187.9
 115 61.9 51.9 77.9



#5
 2-Fluorophenol
 Concen: 105.89 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122207.D
 Acq: 31 Oct 2020 7:37

Tgt Ion:112 Resp: 641906
 Ion Ratio Lower Upper
 112 100
 64 65.1 50.4 75.6
 63 34.0 25.8 38.6

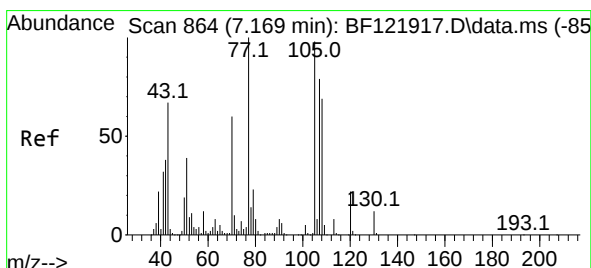
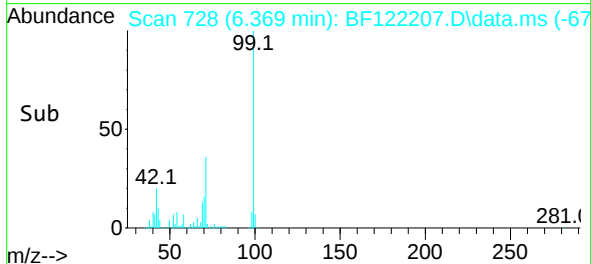
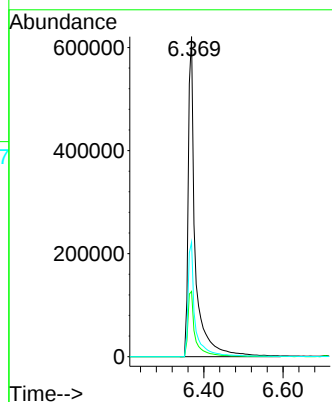
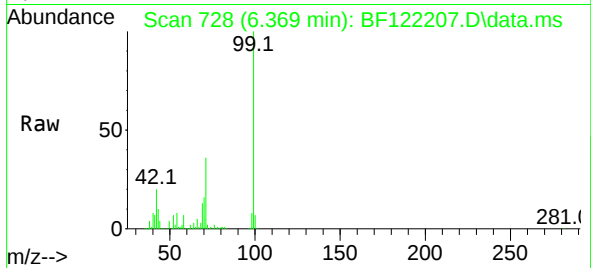




#7
Phenol-d6
Concen: 99.75 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

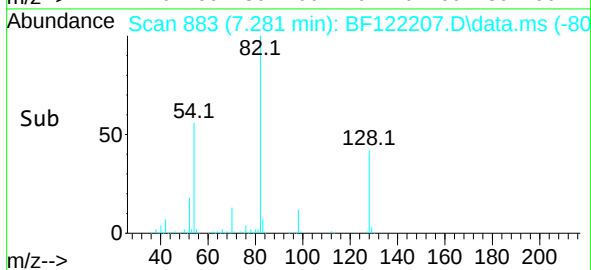
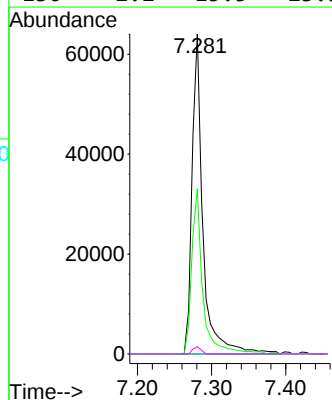
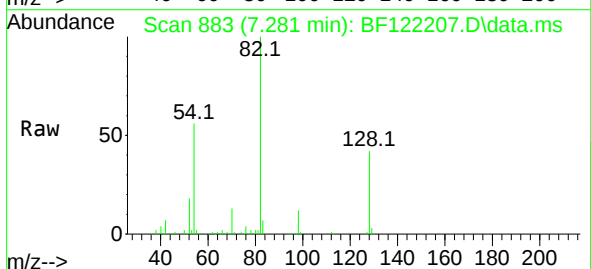
Instrument :
BNA_F
ClientSampleId :
PB132741BL

Tgt Ion: 99 Resp: 778446
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 35.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.76 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion: 70 Resp: 65587
Ion Ratio Lower Upper
70 100
42 51.6 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

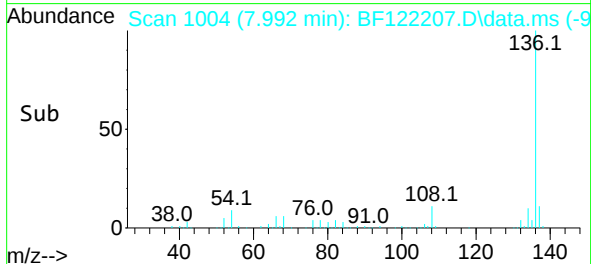
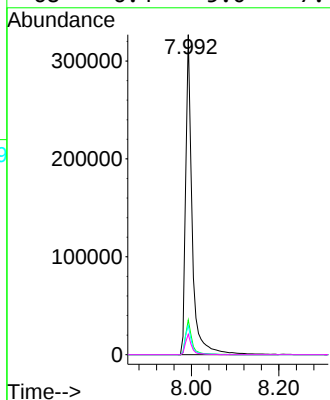
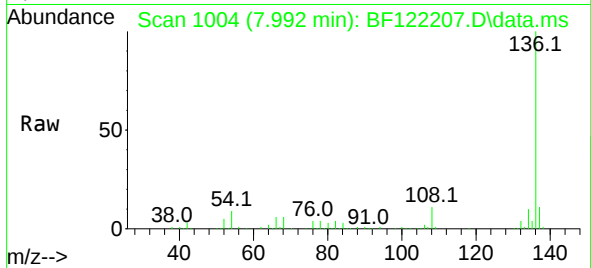




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

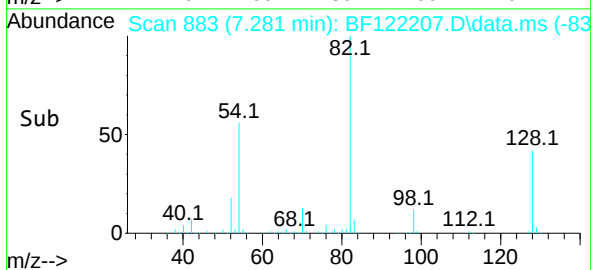
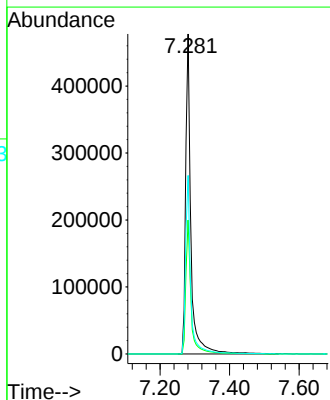
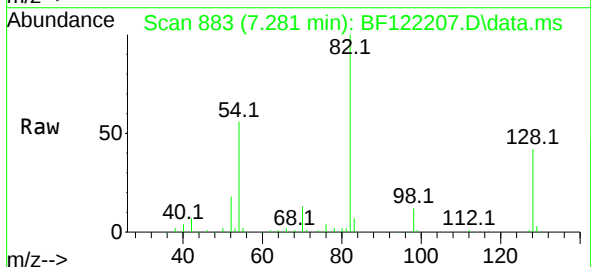
Instrument :
BNA_F
ClientSampleId :
PB132741BL

Tgt Ion:	136	Resp:	333128
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.1	7.1	10.7
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.79 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:	82	Resp:	498769
Ion Ratio	Lower	Upper	
82	100		
128	41.8	35.0	52.4
54	55.8	43.9	65.9

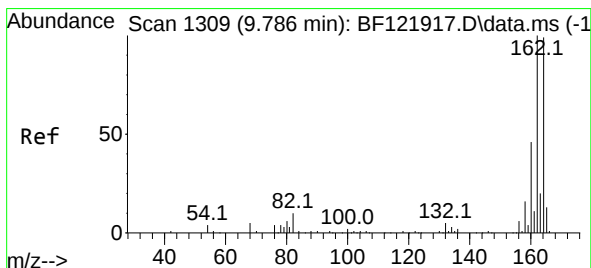
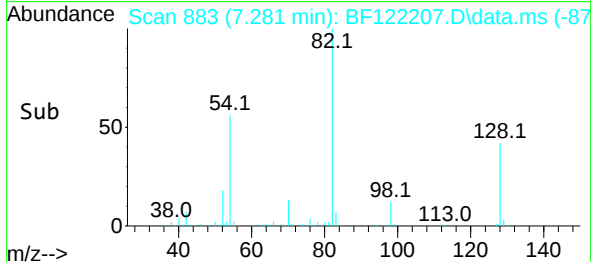
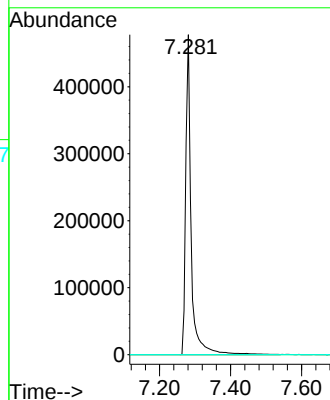
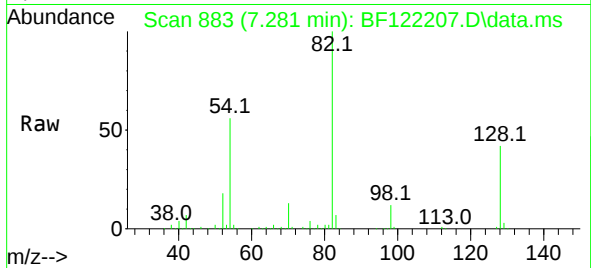




#25
Isophorone
Concen: 40.61 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

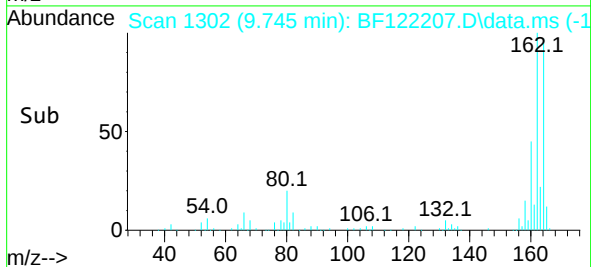
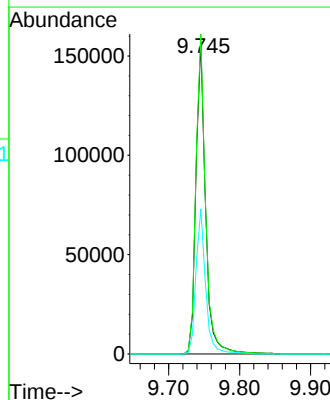
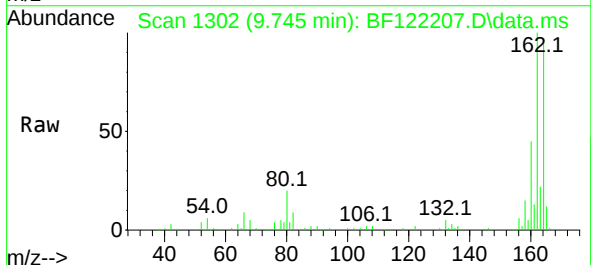
Instrument :
BNA_F
ClientSampleId :
PB132741BL

Tgt Ion: 82 Resp: 498766
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: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:164 Resp: 149018
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 46.6 37.5 56.3

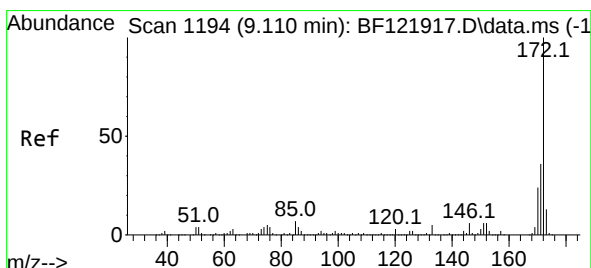
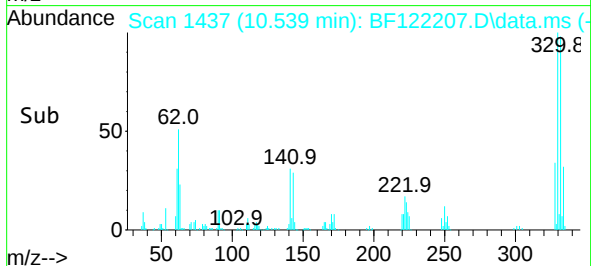
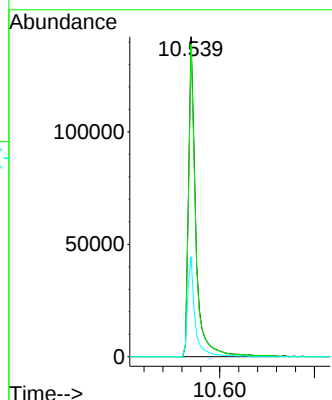
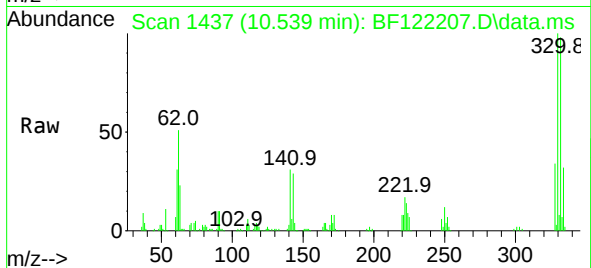




#42
2,4,6-Tribromophenol
Concen: 82.15 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

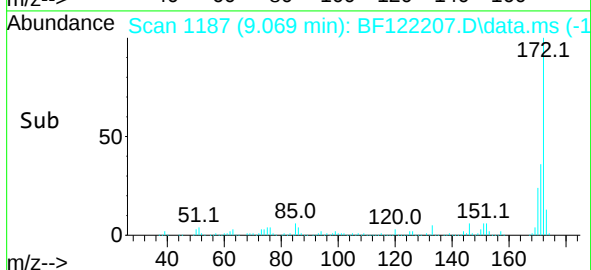
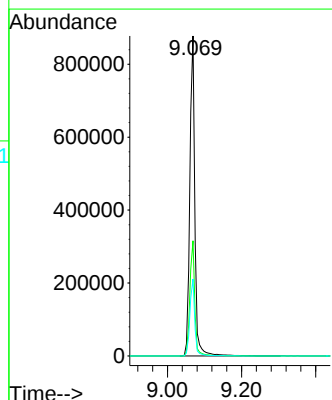
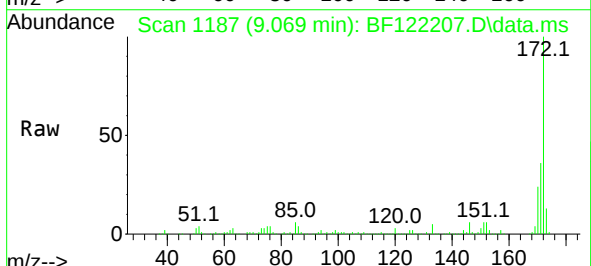
Instrument :
BNA_F
ClientSampleId :
PB132741BL

Tgt Ion:330 Resp: 151440
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 31.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 80.88 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:172 Resp: 819194
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.1 19.8 29.6

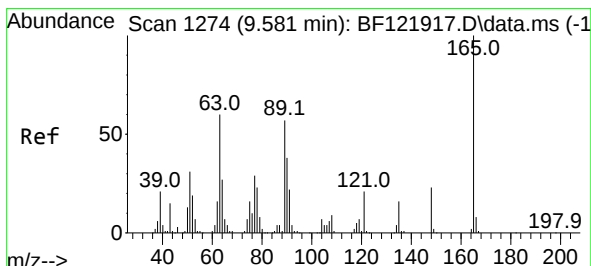
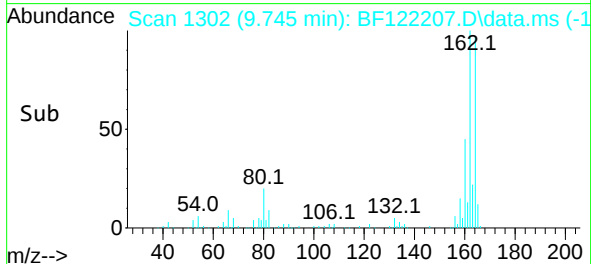
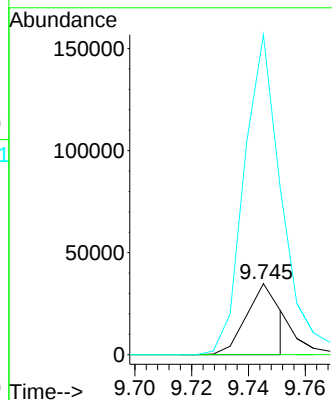
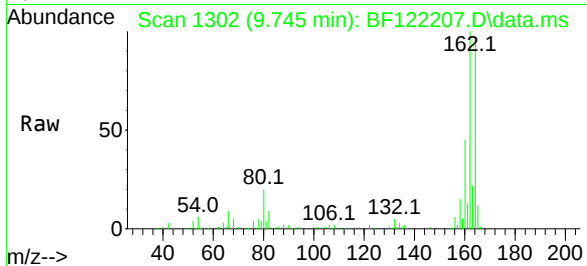




#50
Dimethylphthalate
Concen: 2.60 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.265 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

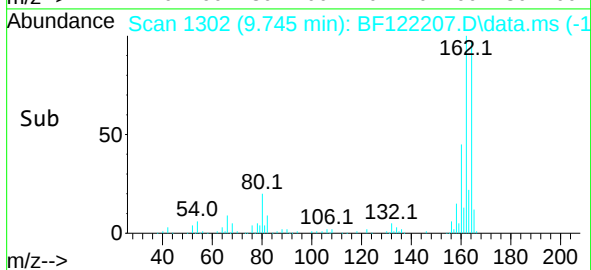
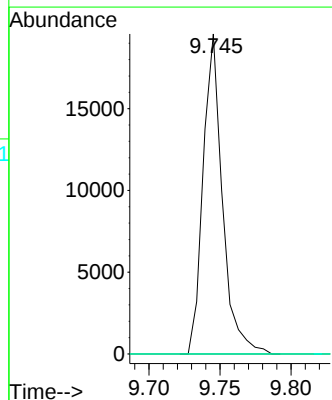
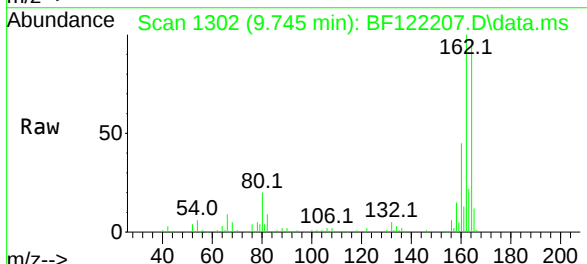
Instrument :
BNA_F
ClientSampleId :
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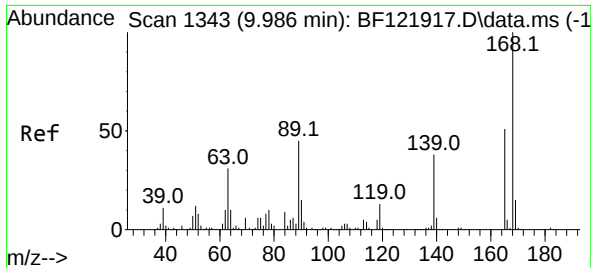
Tgt Ion:163 Resp: 28382
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 450.7 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:165 Resp: 18569
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 49.0 73.6#

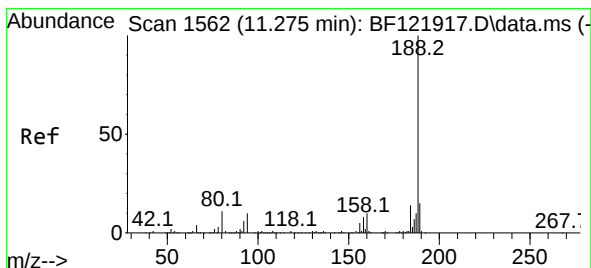
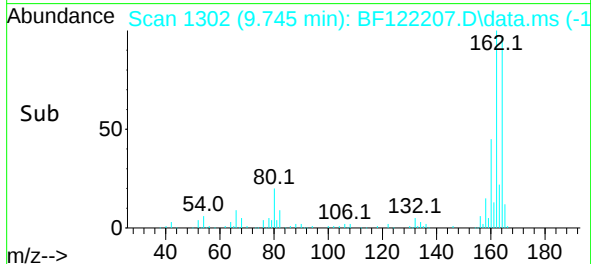
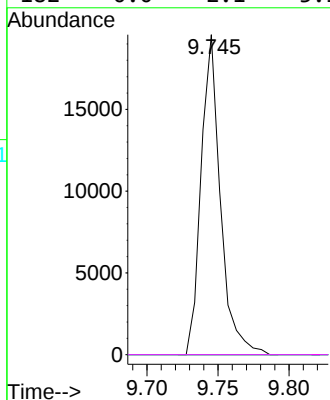
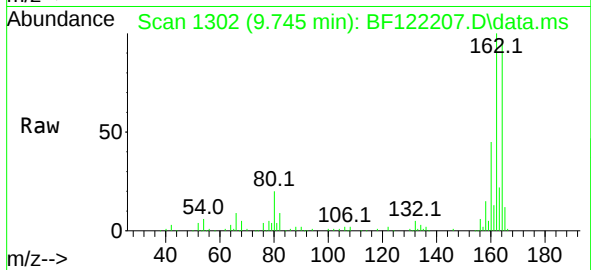




#57
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

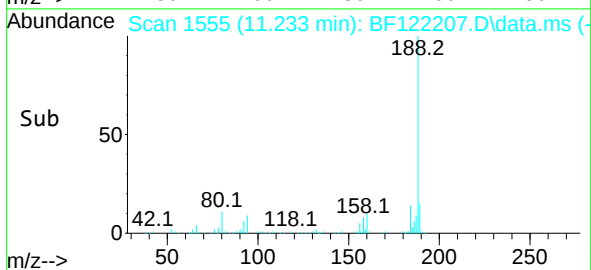
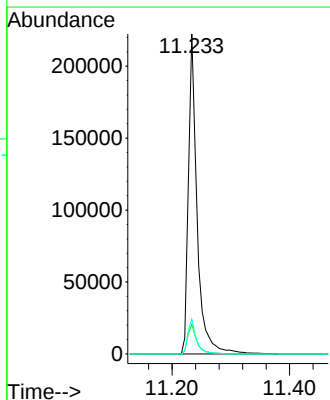
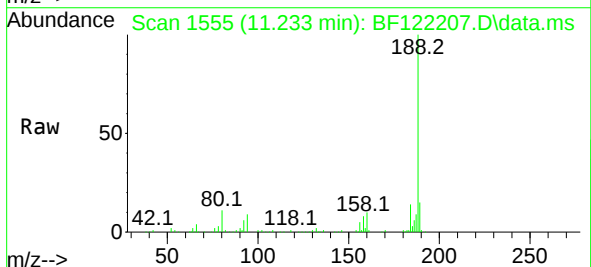
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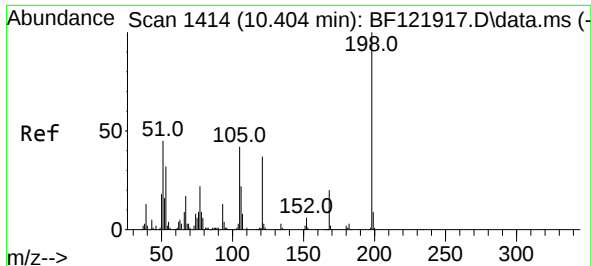
Tgt Ion:165	Resp:	18569
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.3 61.9#
89	0.0	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:188	Resp:	228172
Ion Ratio	Lower	Upper
188	100	
94	9.3	8.3 12.5
80	10.9	9.1 13.7

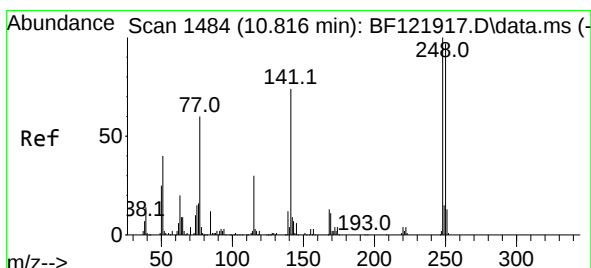
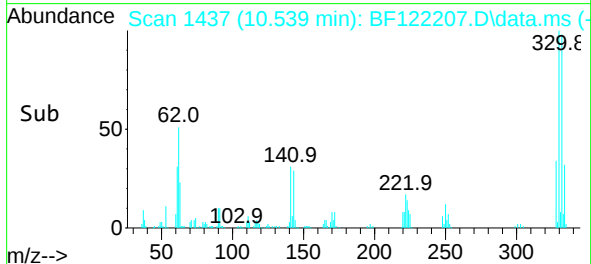
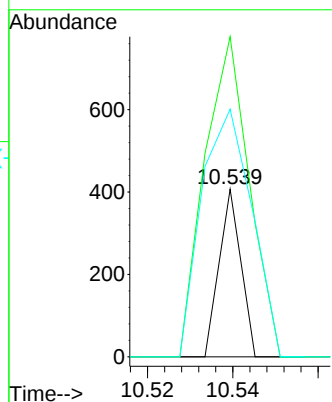
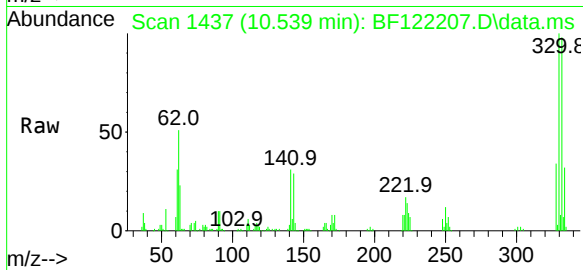




#65
4,6-Dinitro-2-methylphenol
Concen: 4.52 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

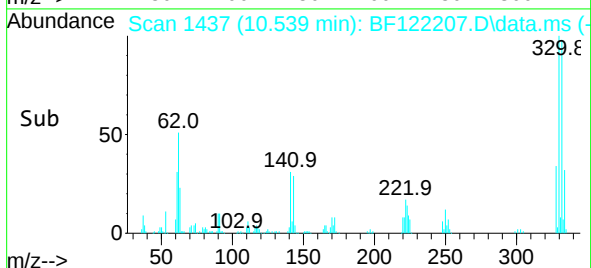
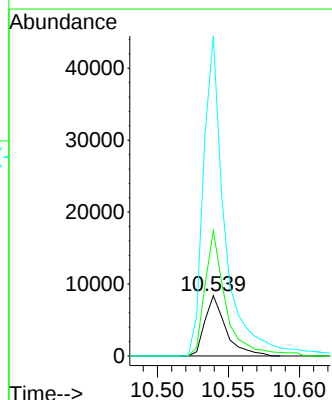
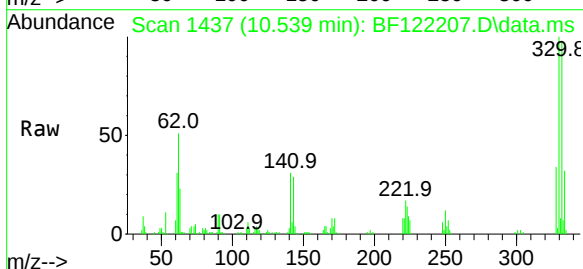
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BNA_F
ClientSampleId :
PB132741BL

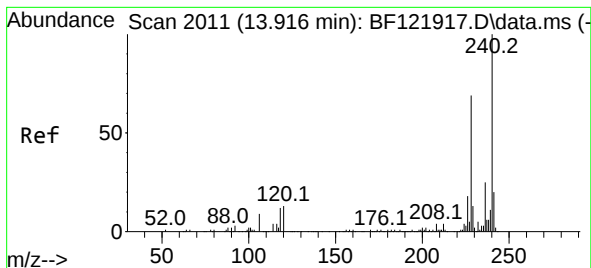
Tgt Ion:198 Resp: 144
Ion Ratio Lower Upper
198 100
51 190.9 29.6 69.6#
105 147.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:248 Resp: 8631
Ion Ratio Lower Upper
248 100
250 208.2 77.0 115.6#
141 530.9 53.7 80.5#

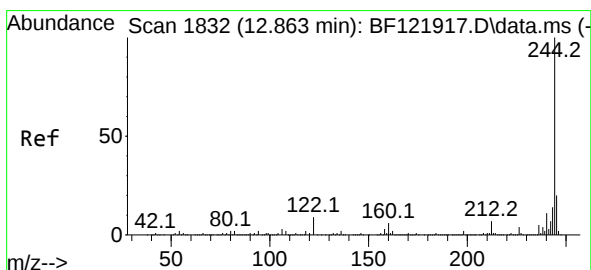
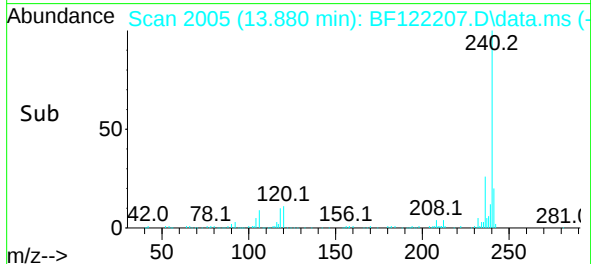
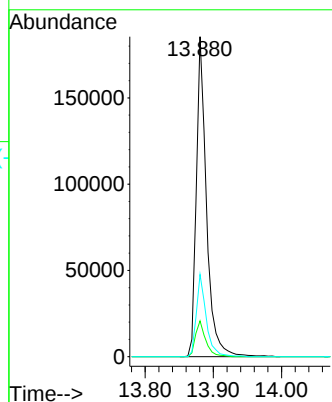
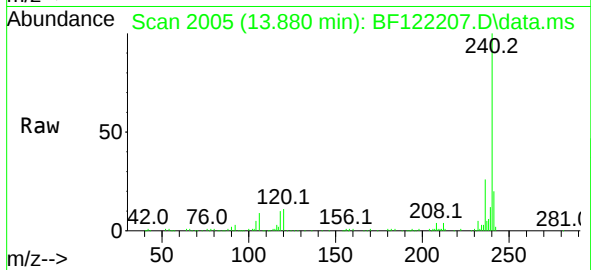




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

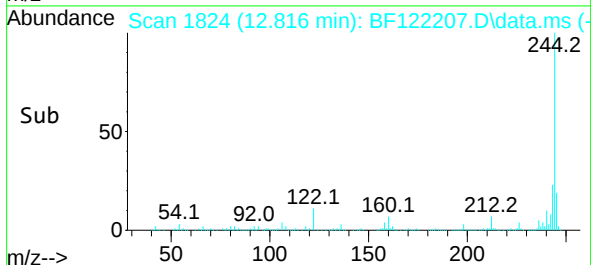
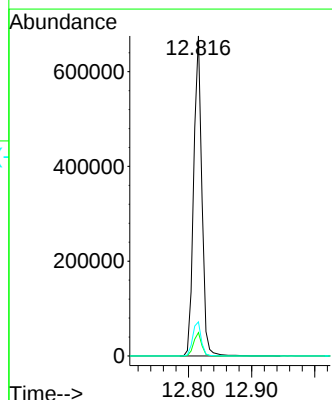
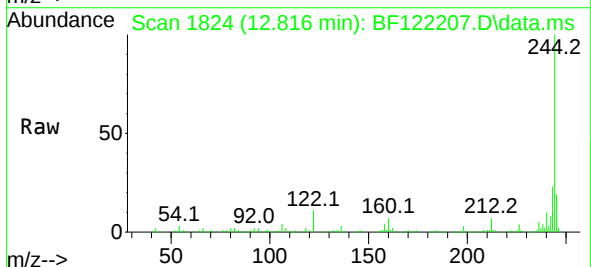
Instrument :
BNA_F
ClientSampleId :
PB132741BL

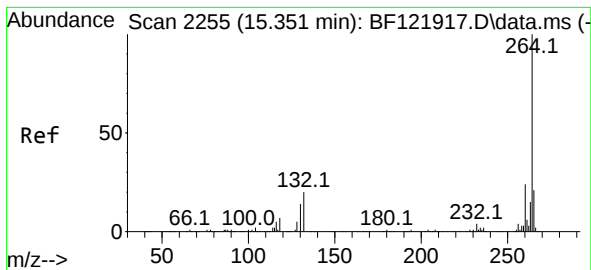
Tgt Ion:240 Resp: 190820
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 60.73 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122207.D
Acq: 31 Oct 2020 7:37

Tgt Ion:244 Resp: 608054
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.316 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122207.D
 Acq: 31 Oct 2020 7:37

Instrument :
 BNA_F
 ClientSampleId :
 PB132741BL

Tgt Ion:264 Resp: 178500
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.4 17.3 25.9

