

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122091.D
 Acq On : 22 Oct 2020 19:03
 Operator : JU/CG
 Sample : L4458-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

Quant Time: Oct 23 00:47:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

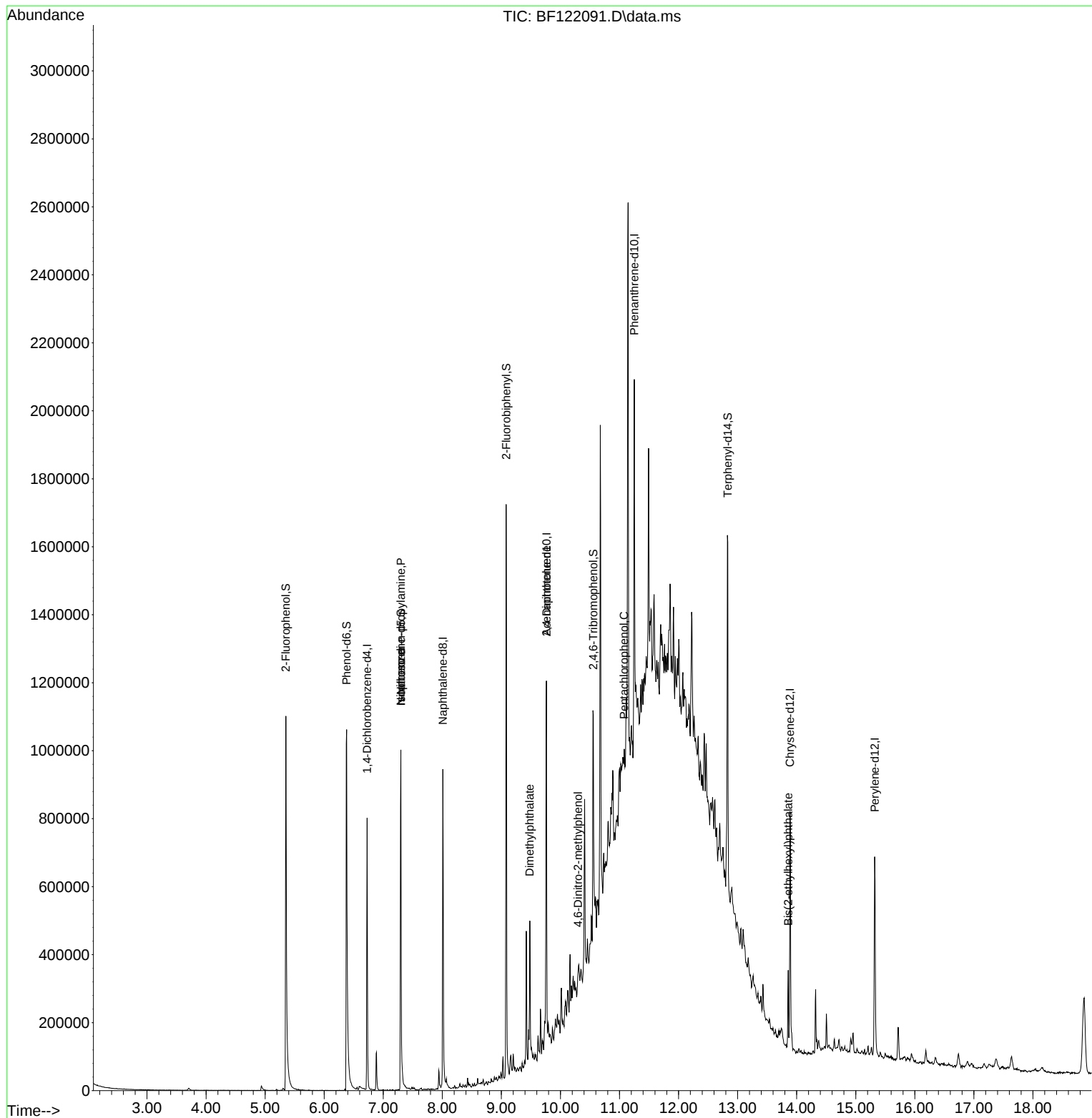
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	109175	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	429871	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	211104	20.00	ng	0.00
64) Phenanthrene-d10	11.251	188	312191	20.00	ng	0.00
76) Chrysene-d12	13.886	240	247807	20.00	ng	0.00
86) Perylene-d12	15.321	264	262762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	385883	52.17	ng	0.00
7) Phenol-d6	6.381	99	488326	51.28	ng	0.00
23) Nitrobenzene-d5	7.298	82	352332	42.03	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	107137	41.03	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	522552	36.42	ng	0.00
79) Terphenyl-d14	12.833	244	356278	27.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	526	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	47320	8.73	ng	# 78
25) Isophorone	7.298	82	352330	22.23	ng	# 67
50) Dimethylphthalate	9.480	163	110581	7.16	ng	# 99
57) 2,4-Dinitrotoluene	9.763	165	27545	6.61	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.298	198	132	4.49	ng	# 1
70) Pentachlorophenol	11.074	266	404	8.17	ng	# 33
84) Bis(2-ethylhexyl)phtha...	13.857	149	60512	5.95	ng	# 98

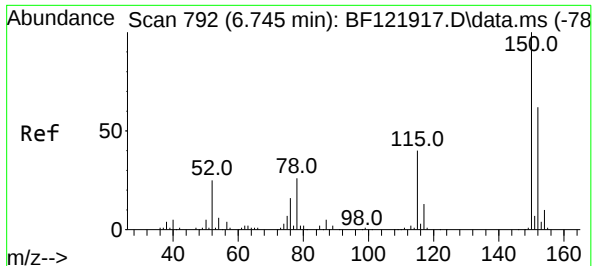
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122091.D
Acq On : 22 Oct 2020 19:03
Operator : JU/CG
Sample : L4458-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Quant Time: Oct 23 00:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

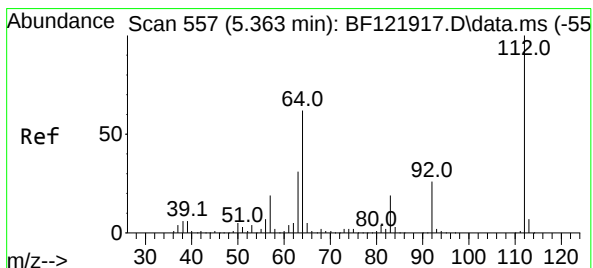
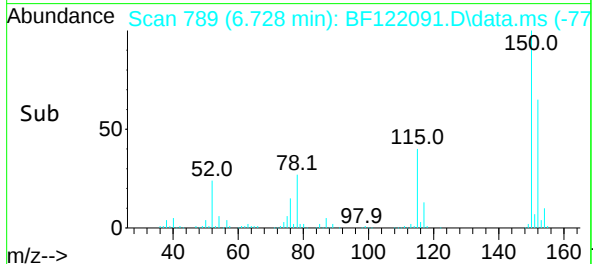
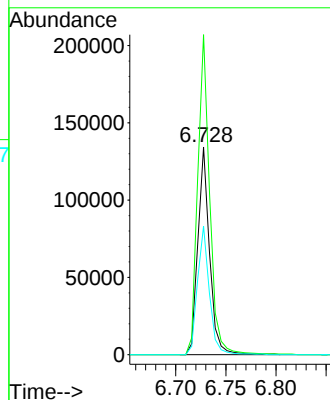
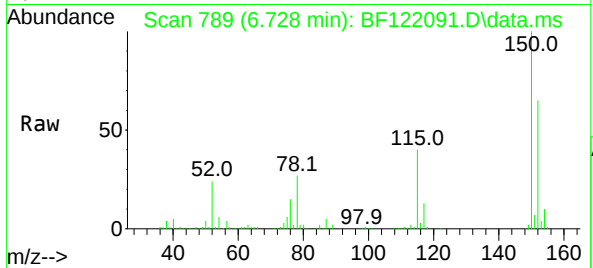




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

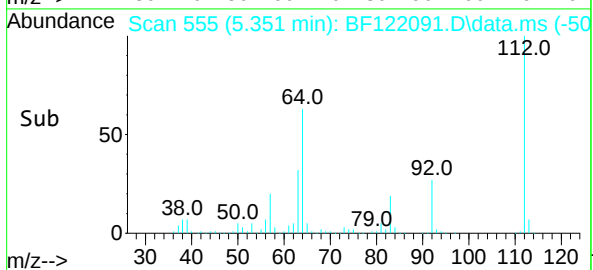
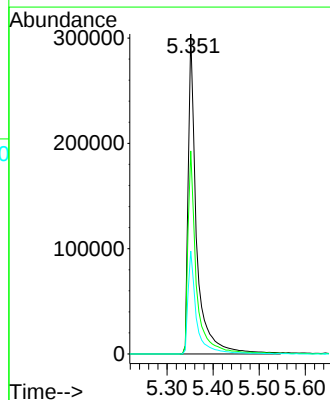
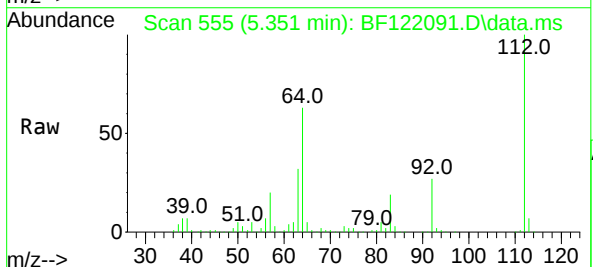
Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

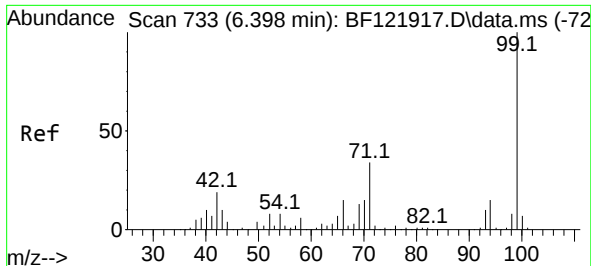
Tgt Ion:152 Resp: 109175
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.3 187.9
 115 61.9 51.9 77.9



#5
 2-Fluorophenol
 Concen: 52.17 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

Tgt Ion:112 Resp: 385883
 Ion Ratio Lower Upper
 112 100
 64 63.5 50.4 75.6
 63 32.1 25.8 38.6

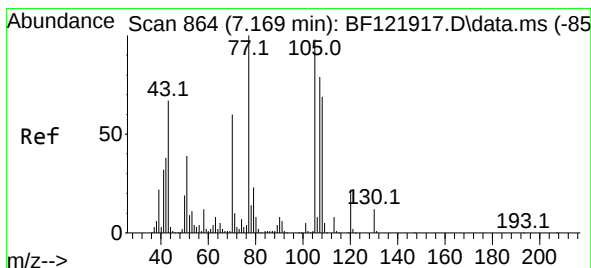
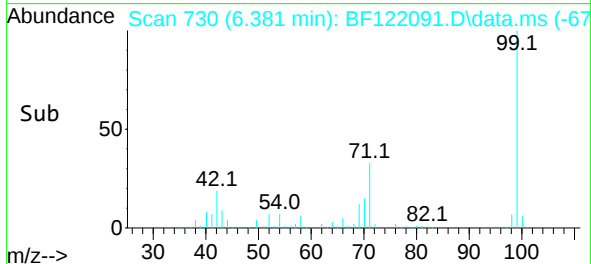
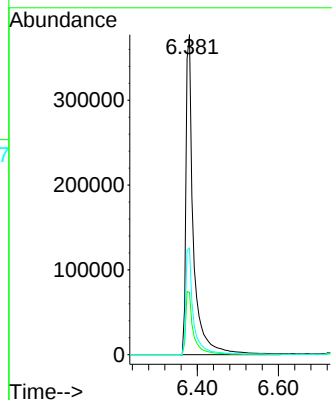
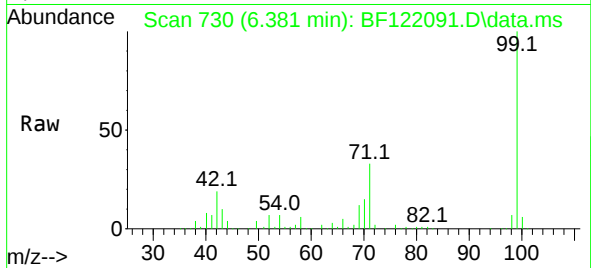




#7
Phenol-d6
Concen: 51.28 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

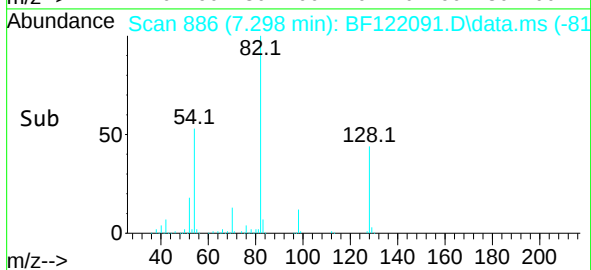
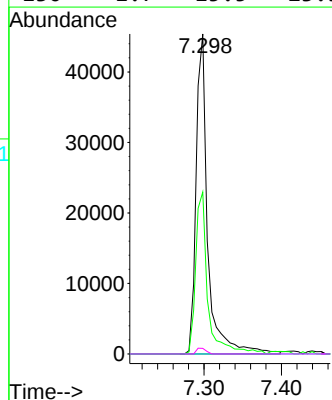
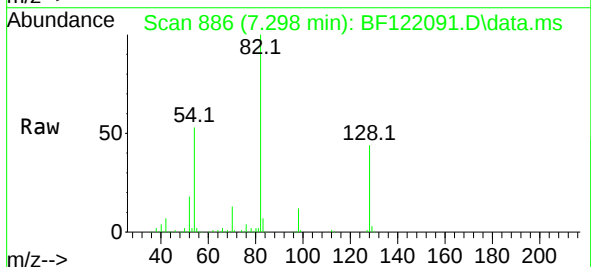
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

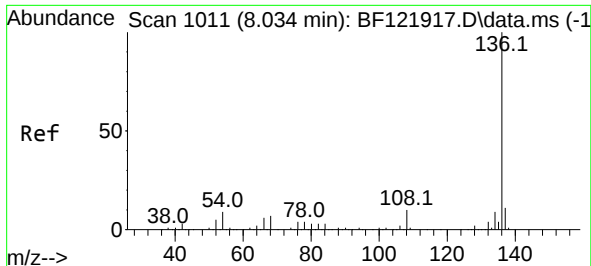
Tgt Ion: 99 Resp: 488326
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 33.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.73 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 70 Resp: 47320
Ion Ratio Lower Upper
70 100
42 50.6 50.2 75.4
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#



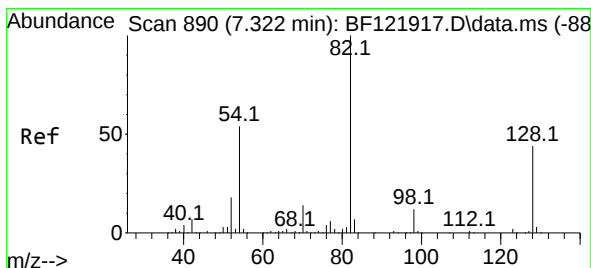
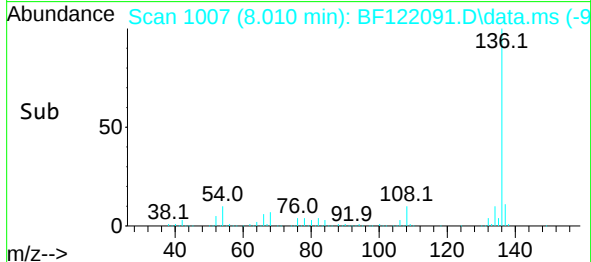
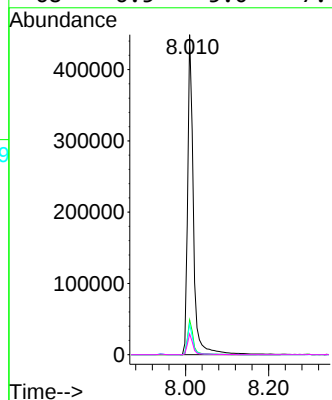
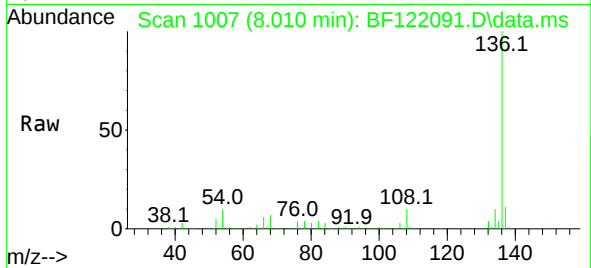


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Tgt Ion:136 Resp: 429871

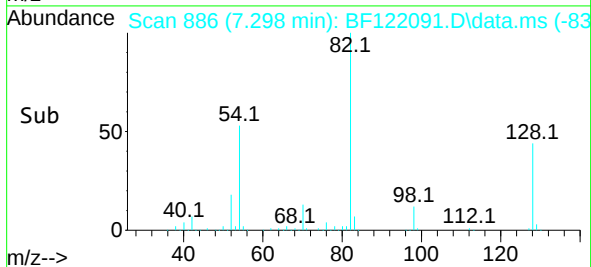
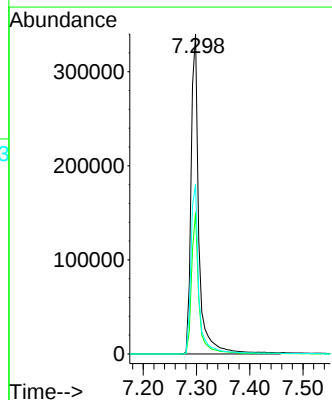
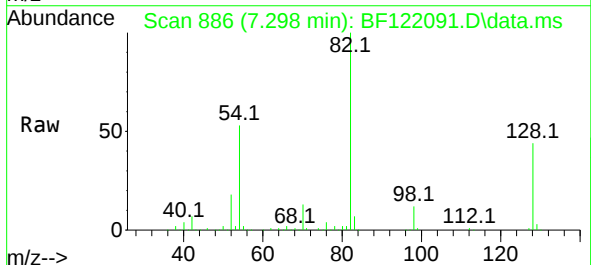
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.1	10.7
68	6.5	5.0	7.4

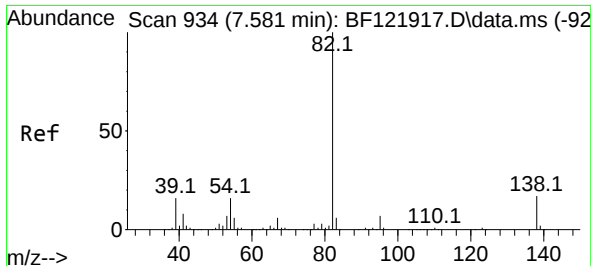


#23
Nitrobenzene-d5
Concen: 42.03 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 82 Resp: 352332

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.4
54	53.1	43.9	65.9

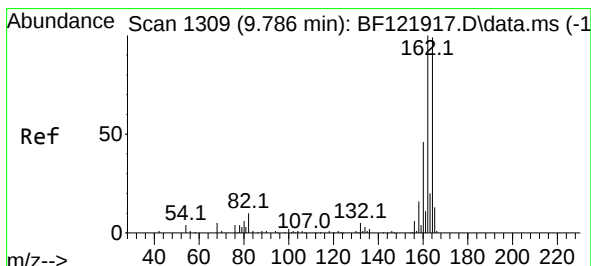
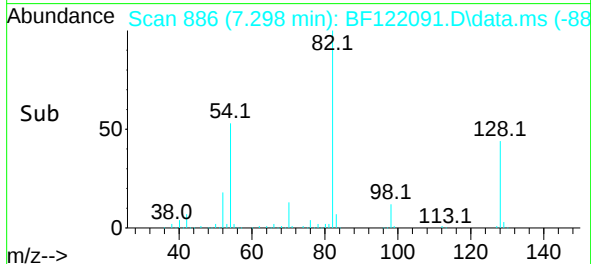
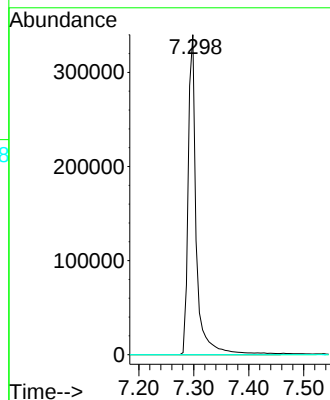
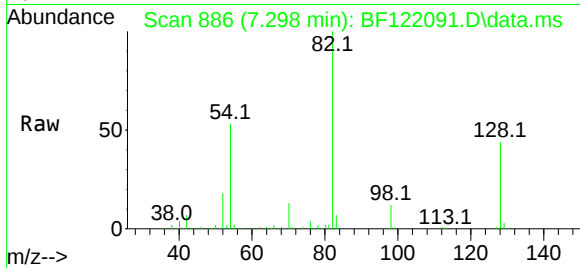




#25
Isophorone
Concen: 22.23 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

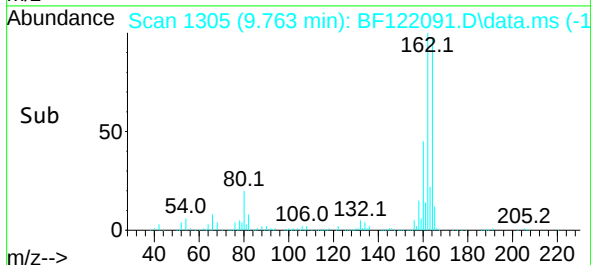
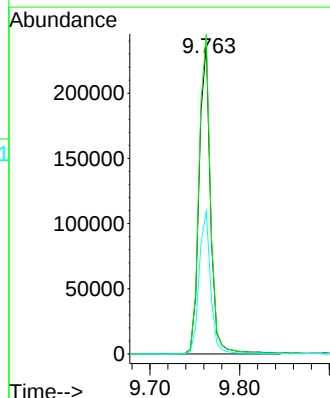
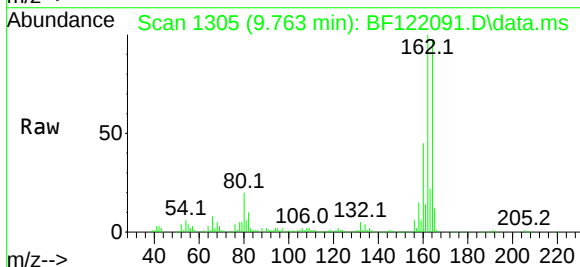
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

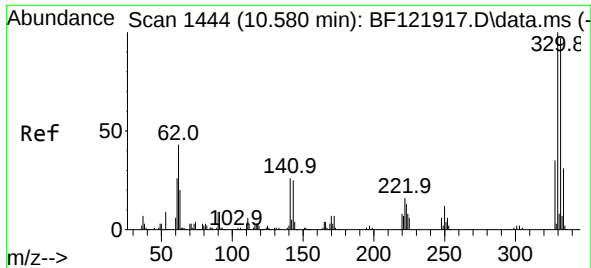
Tgt Ion: 82 Resp: 352330
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Tgt Ion:164 Resp: 211104
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.1 37.5 56.3

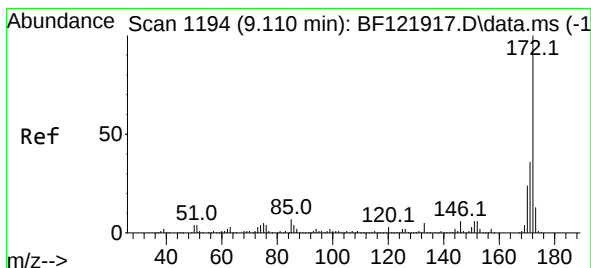
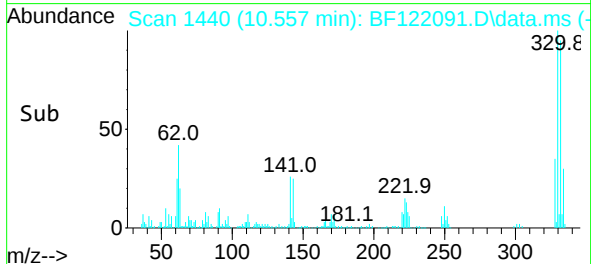
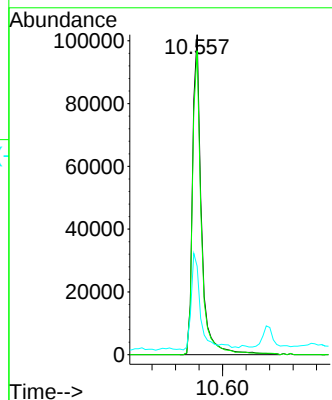
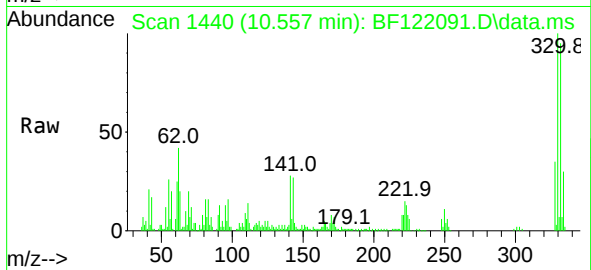




#42
2,4,6-Tribromophenol
Concen: 41.03 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

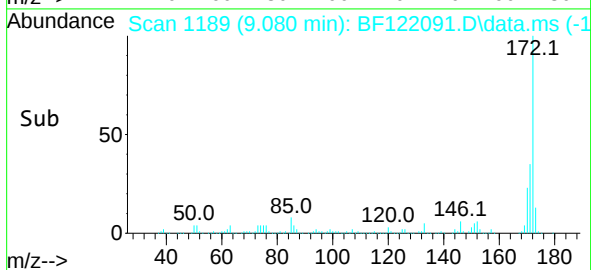
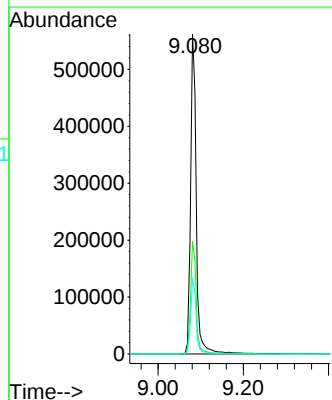
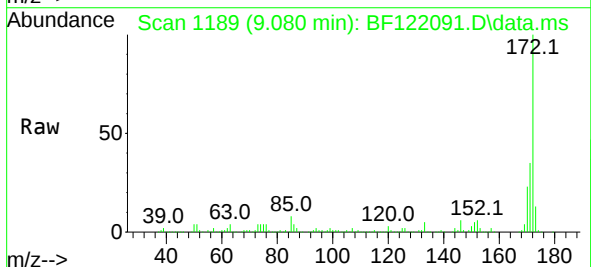
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

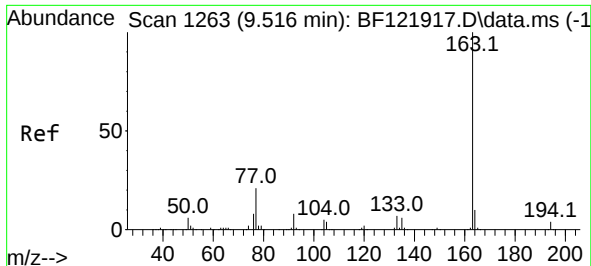
Tgt Ion: 330 Resp: 107137
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 36.42 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 172 Resp: 522552
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 23.3 19.8 29.6

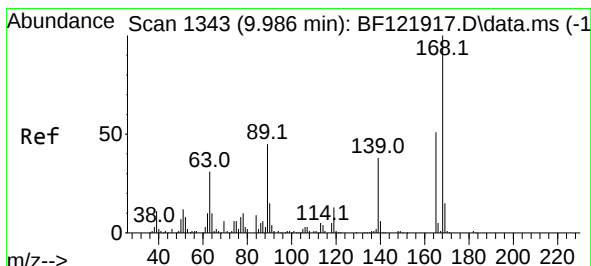
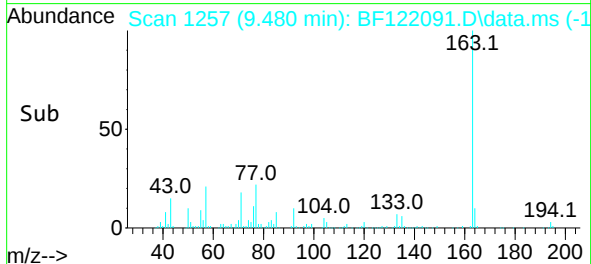
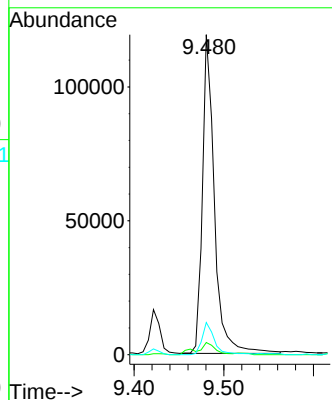
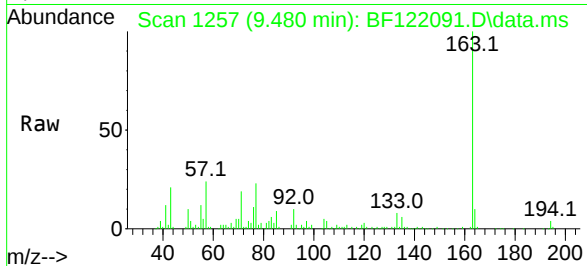




#50
Dimethylphthalate
Concen: 7.16 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

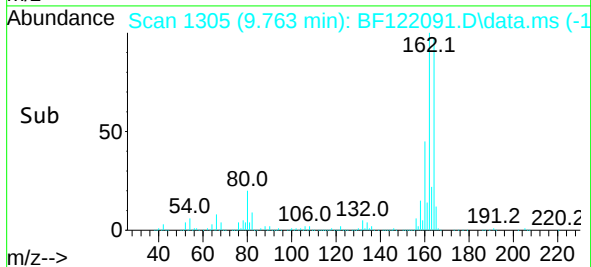
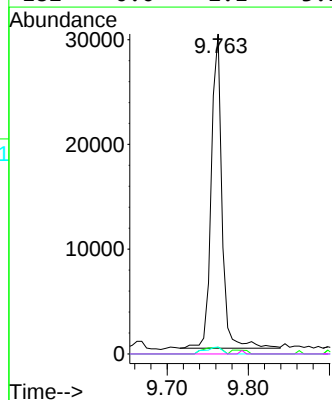
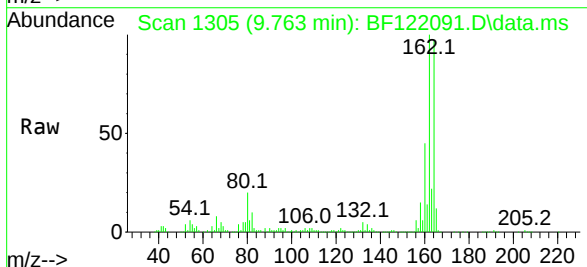
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

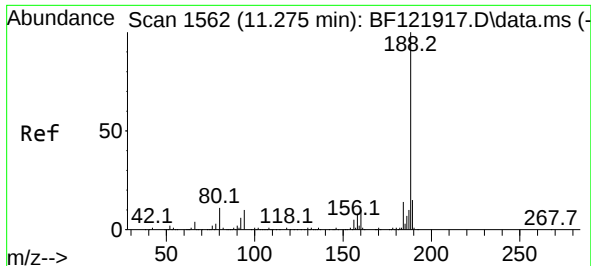
Tgt Ion:163 Resp: 110581
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.212 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Tgt Ion:165 Resp: 27545
Ion Ratio Lower Upper
165 100
63 2.1 41.3 61.9#
89 2.2 61.8 92.8#
182 0.0 2.1 3.1#

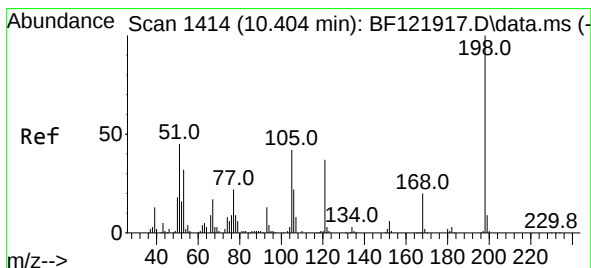
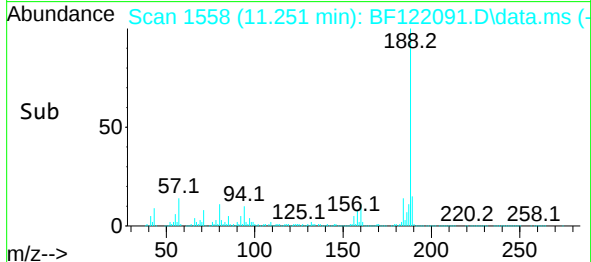
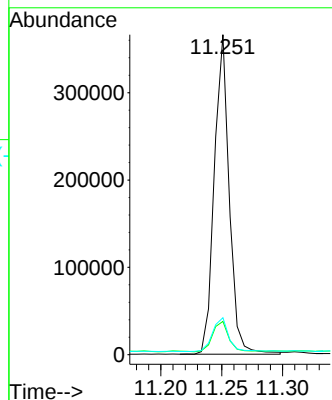
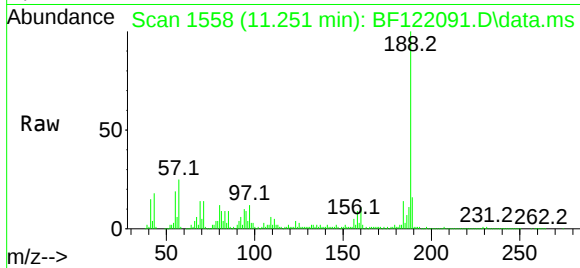




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

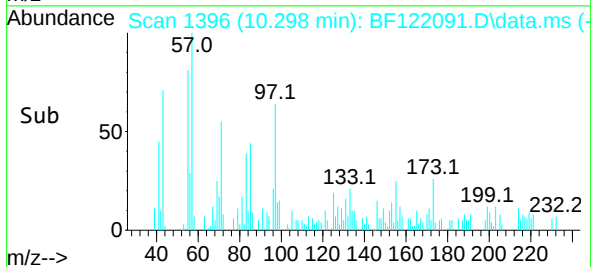
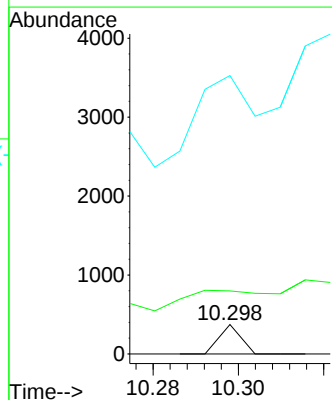
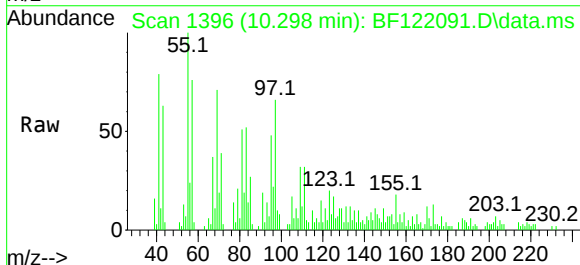
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

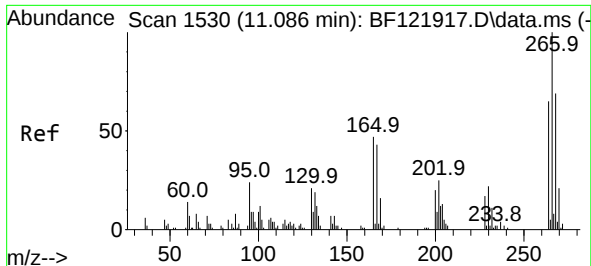
Tgt Ion:188 Resp: 312191
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.49 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.088 min
Lab File: BF122091.D
Acq: 22 Oct 2020 19:03

Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
51 214.2 29.6 69.6#
105 945.6 24.4 64.4#

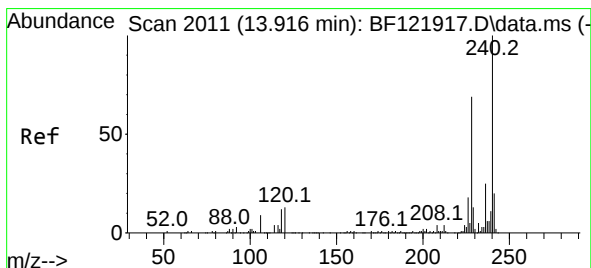
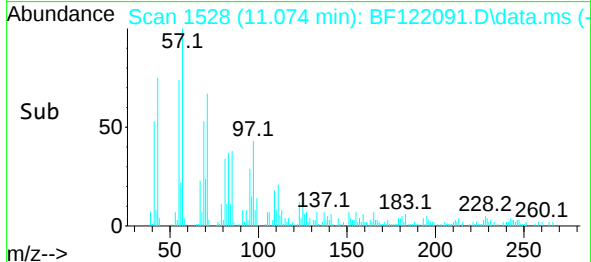
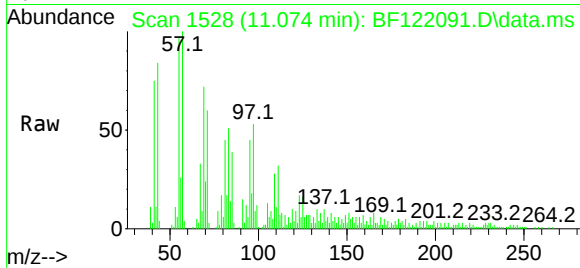




#70
 Pentachlorophenol
 Concen: 8.17 ng
 RT: 11.074 min Scan# 1528
 Delta R.T. 0.012 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

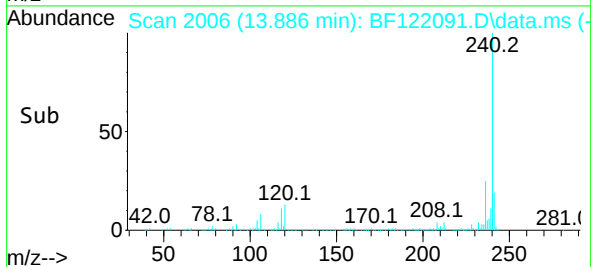
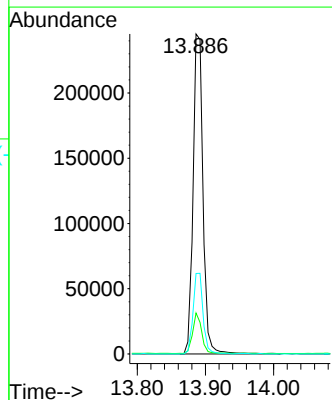
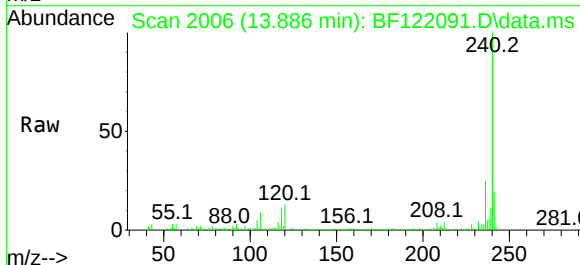
Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

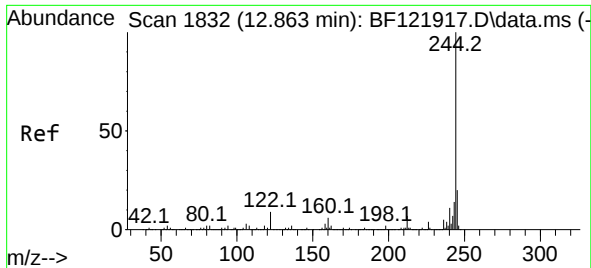
Tgt Ion:266 Resp: 404
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 102.0 49.9 74.9#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.886 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

Tgt Ion:240 Resp: 247807
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.2 13.8
 236 25.2 20.9 31.3

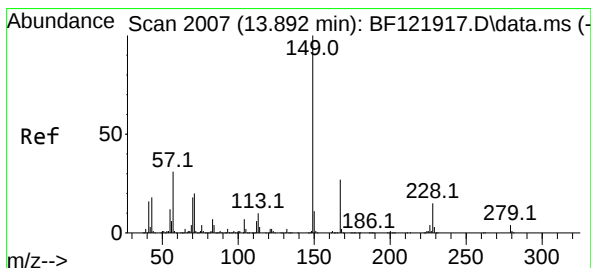
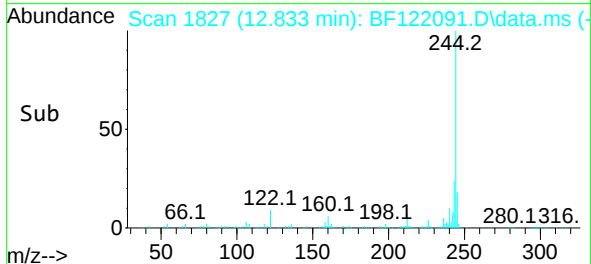
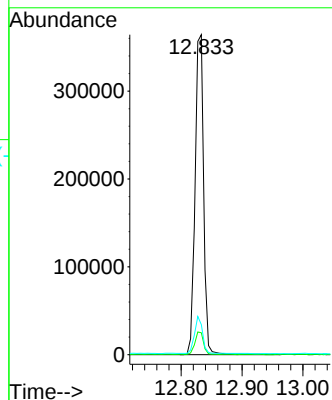
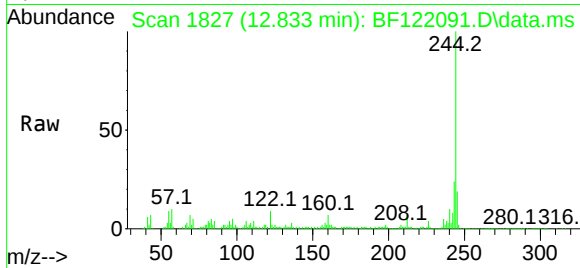




#79
 Terphenyl-d14
 Concen: 27.40 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

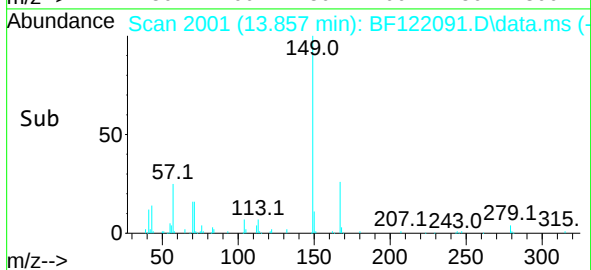
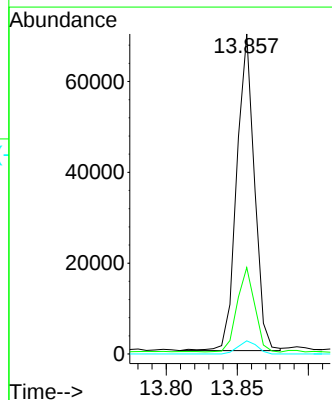
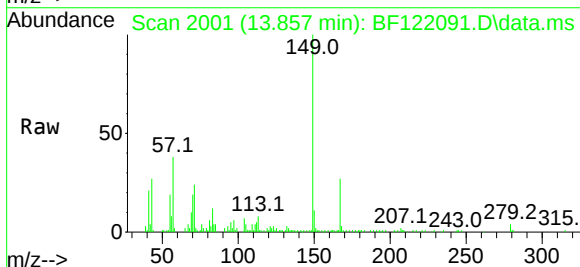
Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

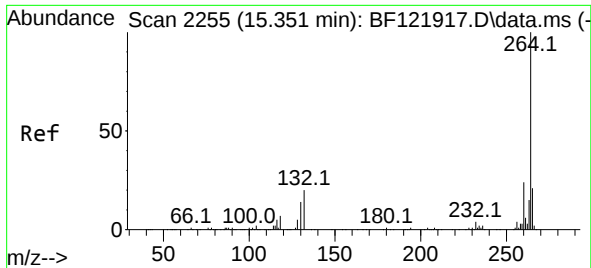
Tgt Ion:244 Resp: 356278
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.4 8.1 12.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.95 ng
 RT: 13.857 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

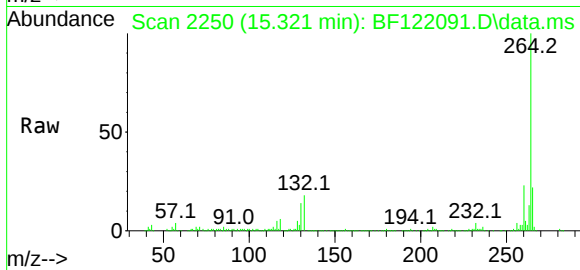
Tgt Ion:149 Resp: 60512
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.9 31.3
 279 4.1 3.2 4.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.006 min
 Lab File: BF122091.D
 Acq: 22 Oct 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM



Tgt Ion:264 Resp: 262762
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.7 17.3 25.9

