

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122106.D
 Acq On : 23 Oct 2020 18:51
 Operator : JU/CG
 Sample : L4486-07 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1836

Quant Time: Oct 23 23:36:42 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)

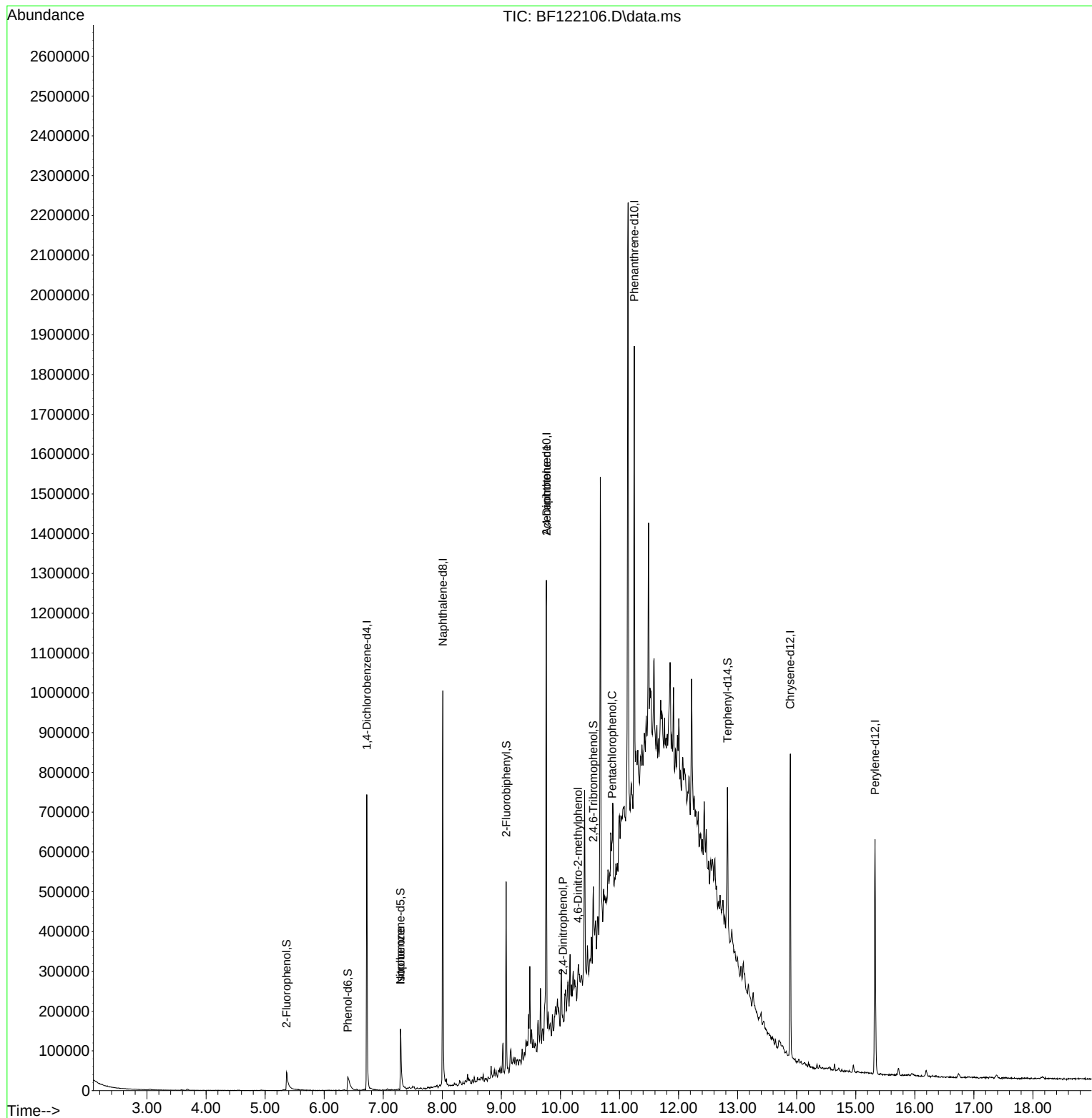
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	109433	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	442523	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	216086	20.00	ng	0.00
64) Phenanthrene-d10	11.251	188	335239	20.00	ng	0.00
76) Chrysene-d12	13.892	240	261458	20.00	ng	0.00
86) Perylene-d12	15.327	264	255314	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	36215	4.88	ng	0.02
7) Phenol-d6	6.398	99	29511	3.09	ng	0.02
23) Nitrobenzene-d5	7.292	82	69303	8.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	22106	8.27	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	135097	9.20	ng	0.00
79) Terphenyl-d14	12.827	244	96669	7.05	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.292	82	69302	4.25	ng	# 67
54) 2,4-Dinitrophenol	10.045	184	127	8.75	ng	# 22
57) 2,4-Dinitrotoluene	9.763	165	29846	6.99	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.298	198	136	4.49	ng	# 1
70) Pentachlorophenol	10.875	266	623	8.27	ng	# 18

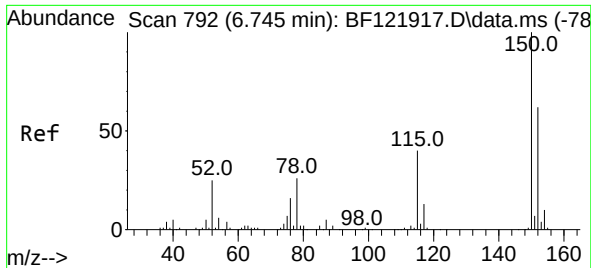
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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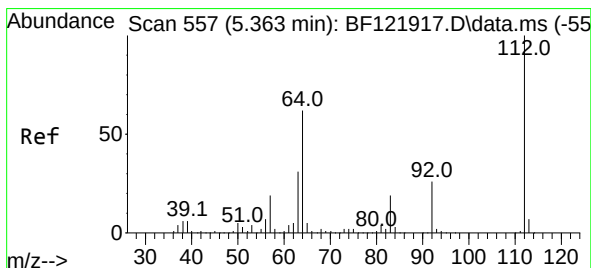
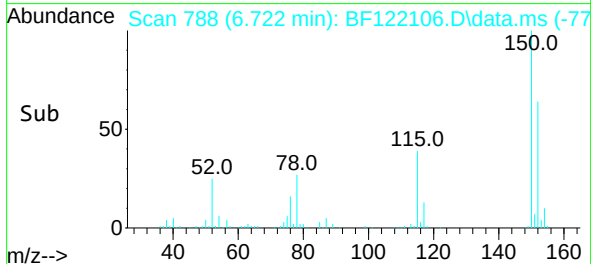
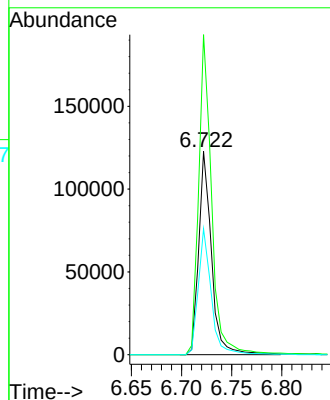
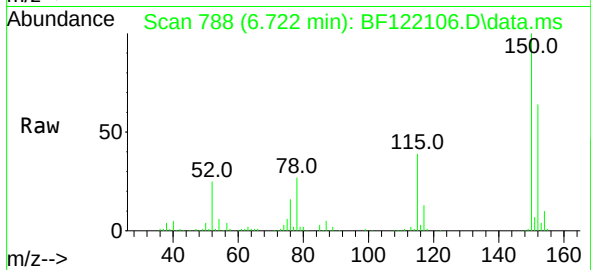




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.722 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF122106.D
 Acq: 23 Oct 2020 18:51

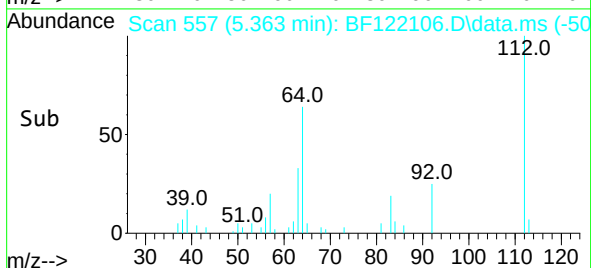
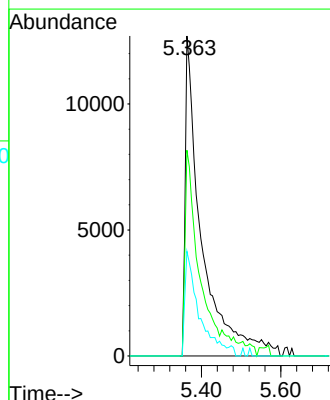
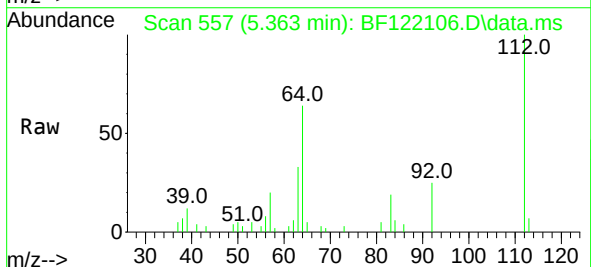
Instrument :
 BNA_F
 ClientSampleId :
 1836

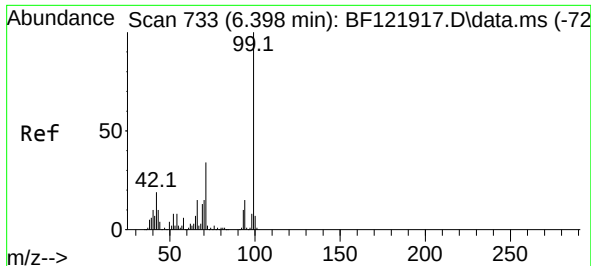
Tgt Ion:152 Resp: 109433
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.3 187.9
 115 62.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 4.88 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.018 min
 Lab File: BF122106.D
 Acq: 23 Oct 2020 18:51

Tgt Ion:112 Resp: 36215
 Ion Ratio Lower Upper
 112 100
 64 64.3 50.4 75.6
 63 32.7 25.8 38.6

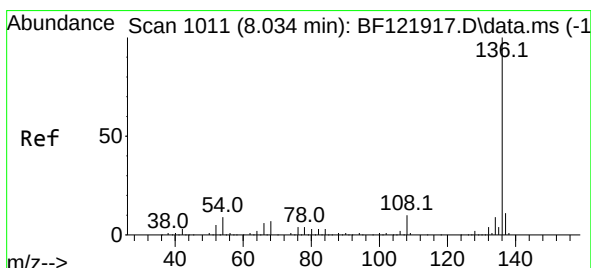
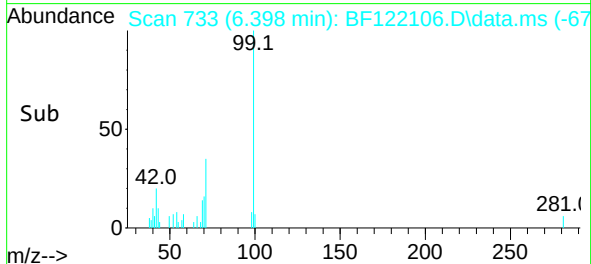
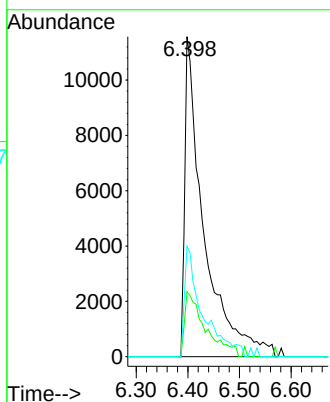
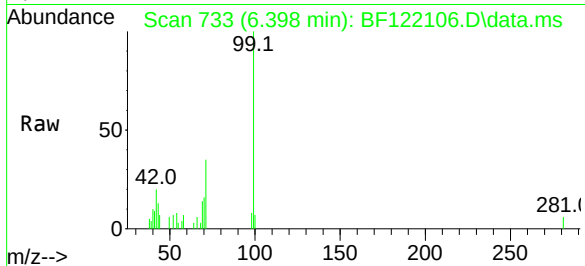




#7
Phenol-d6
Concen: 3.09 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.018 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

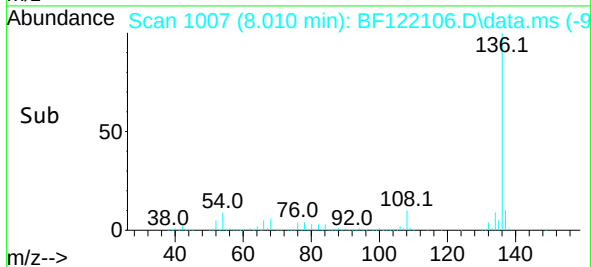
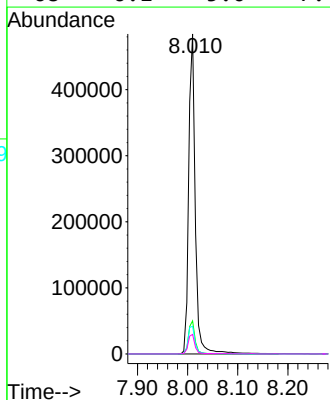
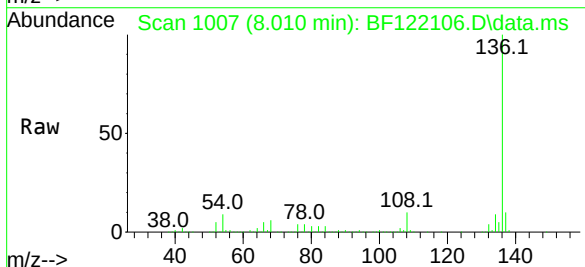
Instrument :
BNA_F
ClientSampled :
1836

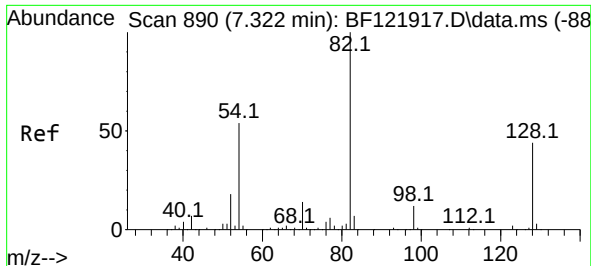
Tgt Ion:	99	Resp:	29511
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.9	23.9
71	34.5	27.1	40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Tgt Ion:	136	Resp:	442523
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.6	7.1	10.7
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 8.03 ng

RT: 7.292 min Scan# 885

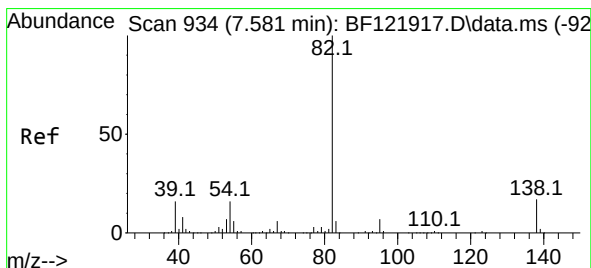
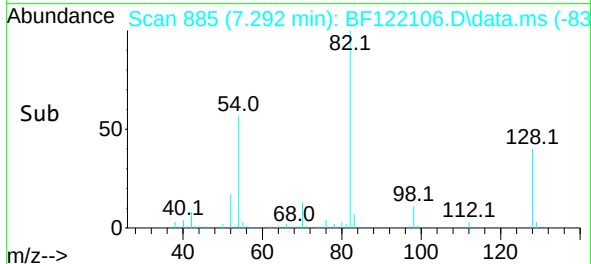
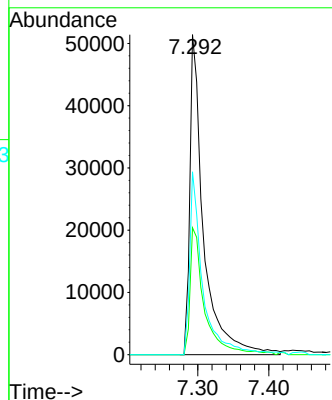
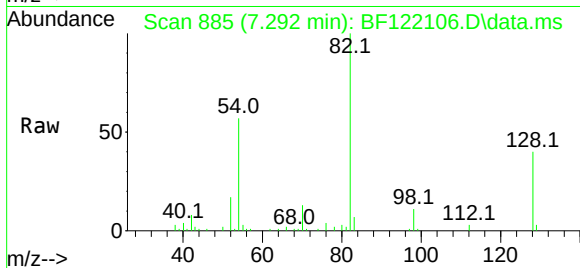
Delta R.T. -0.012 min

Lab File: BF122106.D

Acq: 23 Oct 2020 18:51

Tgt Ion: 82 Resp: 69303

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.0	52.4
54	57.1	43.9	65.9



#25

Isophorone

Concen: 4.25 ng

RT: 7.292 min Scan# 885

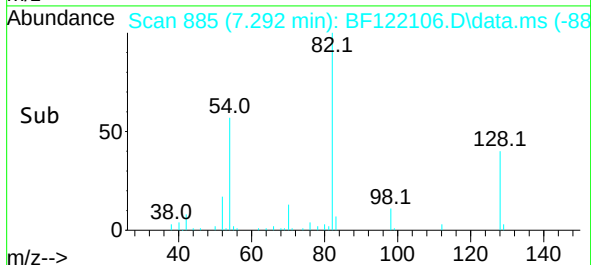
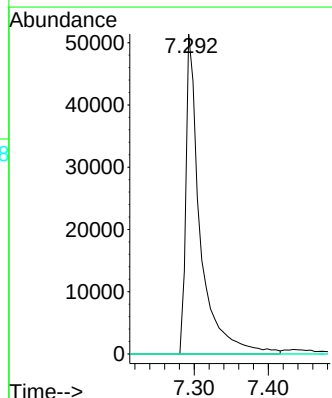
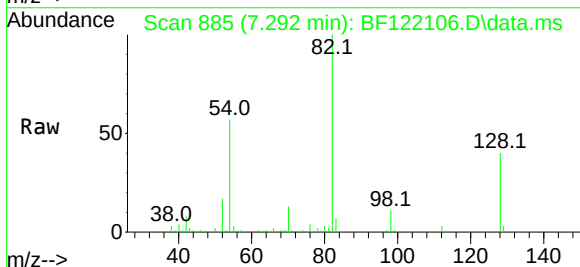
Delta R.T. -0.271 min

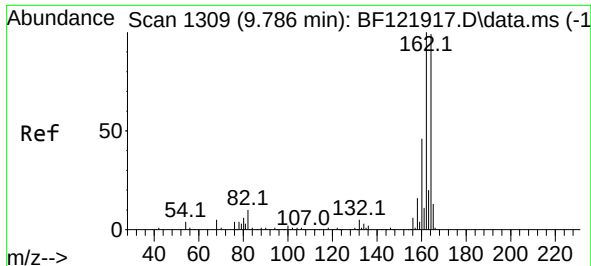
Lab File: BF122106.D

Acq: 23 Oct 2020 18:51

Tgt Ion: 82 Resp: 69302

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

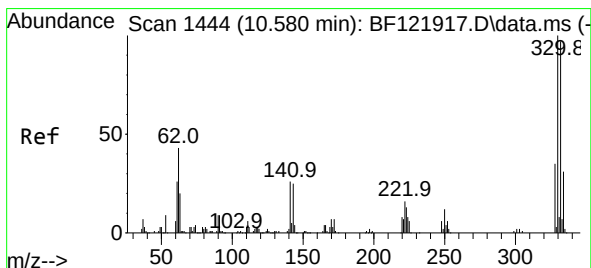
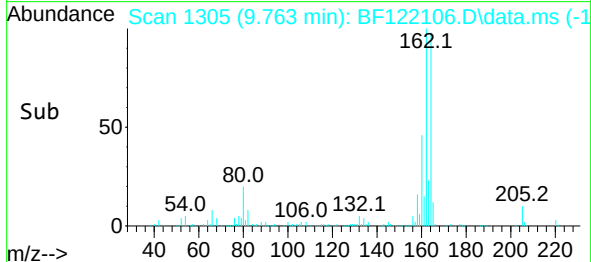
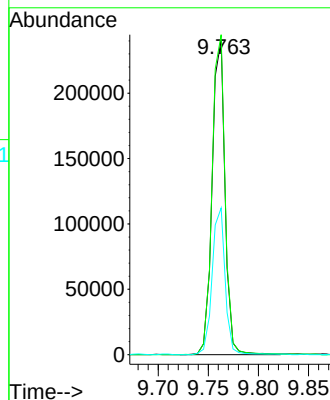
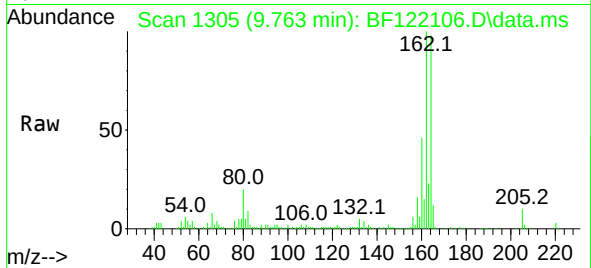




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

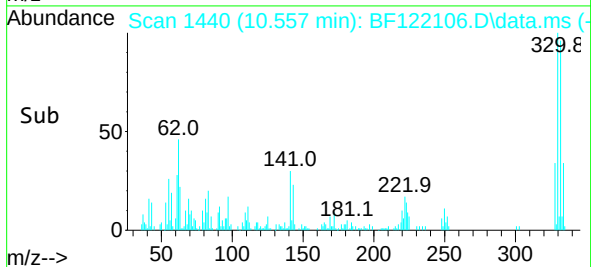
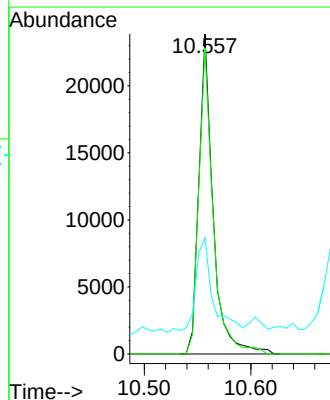
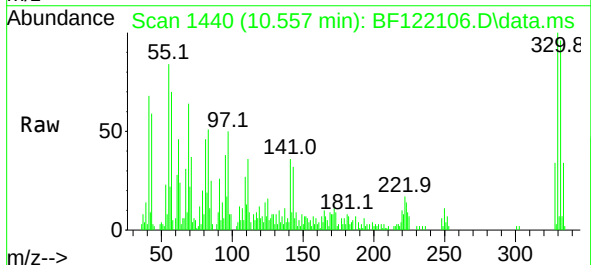
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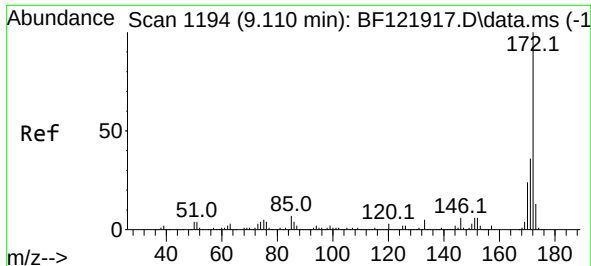
Tgt Ion:164 Resp: 216086
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 8.27 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Tgt Ion:330 Resp: 22106
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.6 22.3 33.5#

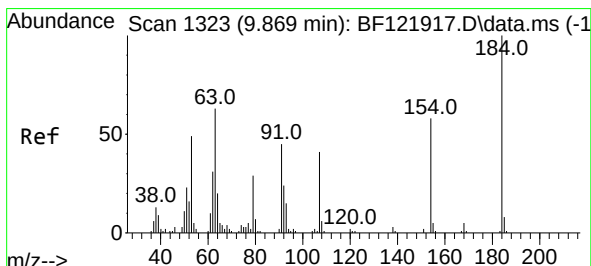
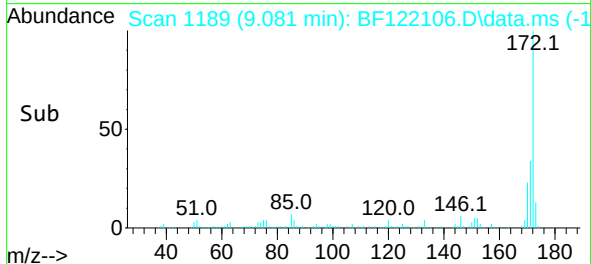
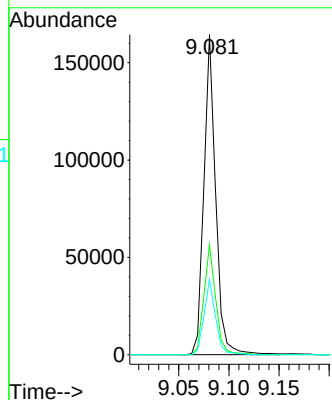
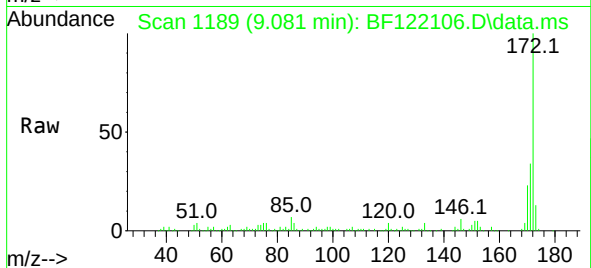




#45
2-Fluorobiphenyl
Concen: 9.20 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

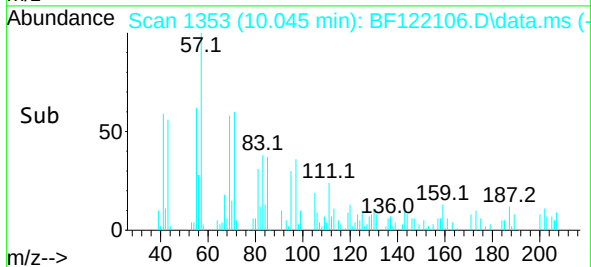
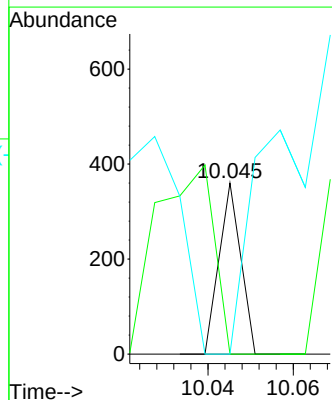
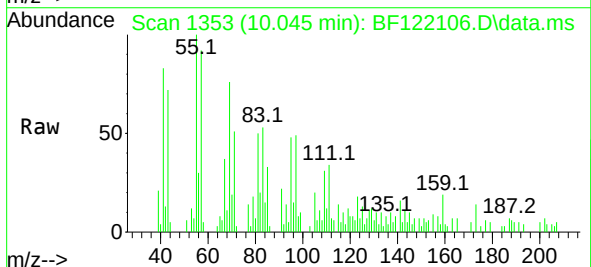
Instrument :
BNA_F
ClientSampleId :
1836

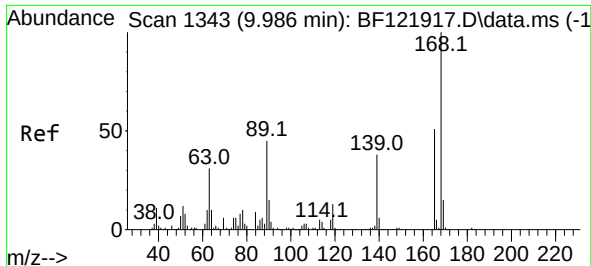
Tgt Ion:172 Resp: 135097
Ion Ratio Lower Upper
172 100
171 34.3 29.1 43.7
170 23.4 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 8.75 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.194 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Tgt Ion:184 Resp: 127
Ion Ratio Lower Upper
184 100
63 0.0 45.9 68.9#
154 0.0 45.8 68.6#

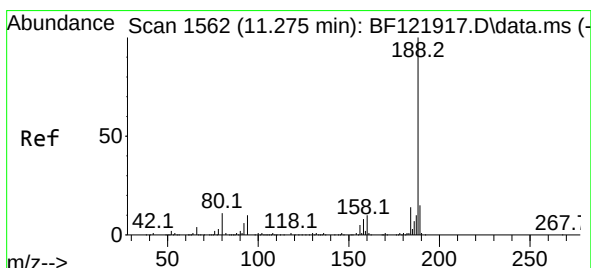
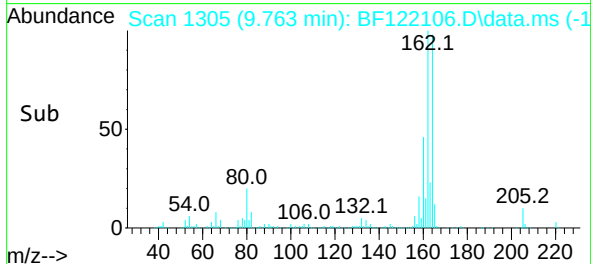
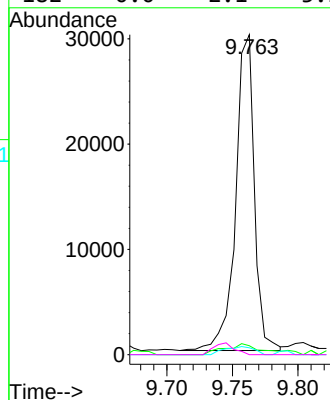
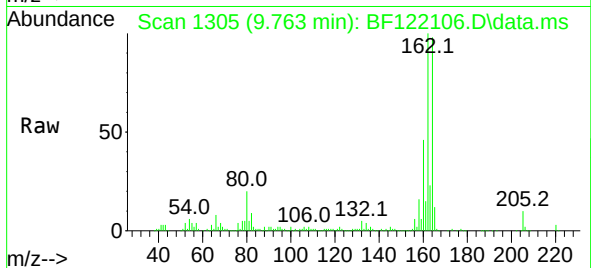




#57
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.212 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

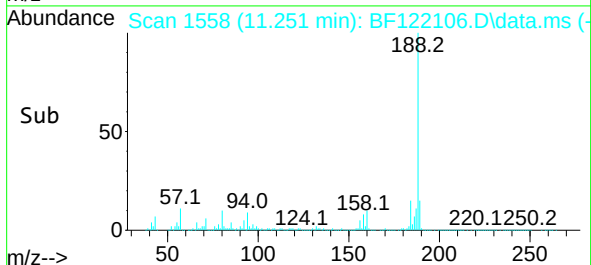
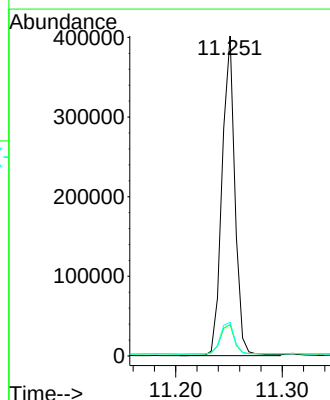
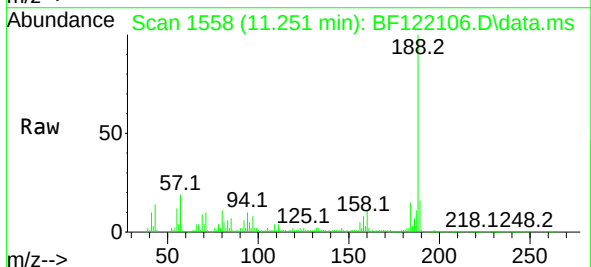
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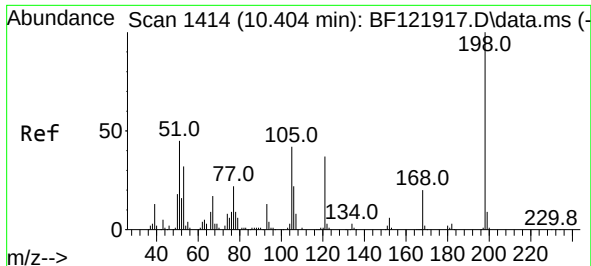
Tgt Ion:165 Resp: 29846
Ion Ratio Lower Upper
165 100
63 2.8 41.3 61.9#
89 2.2 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Tgt Ion:188 Resp: 335239
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.5 9.1 13.7

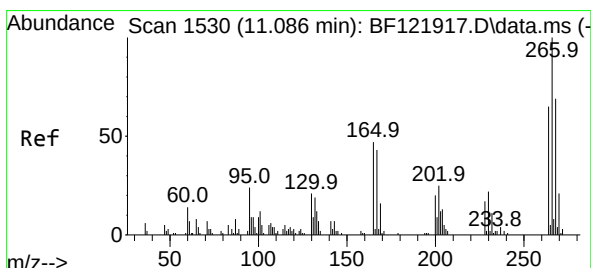
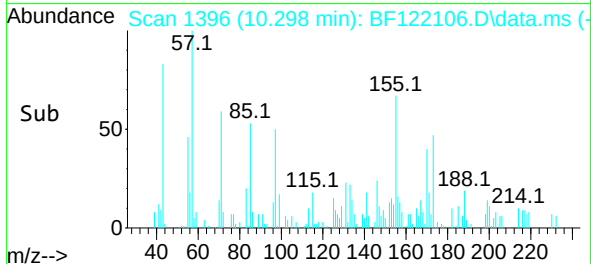
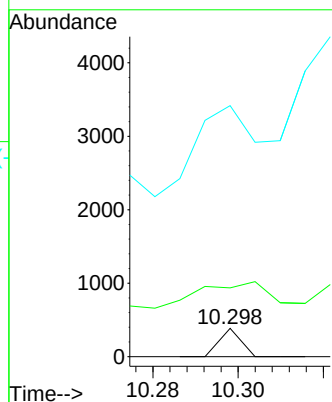
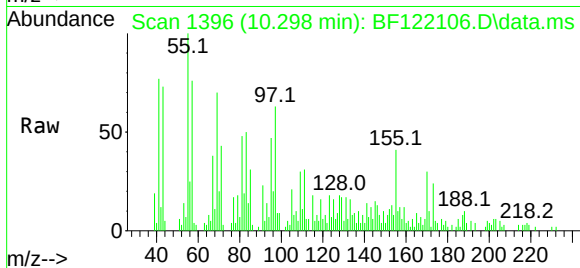




#65
4,6-Dinitro-2-methylphenol
Concen: 4.49 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.088 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

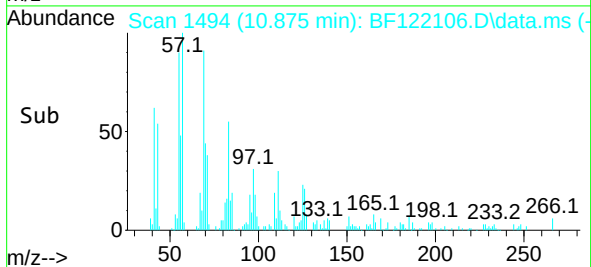
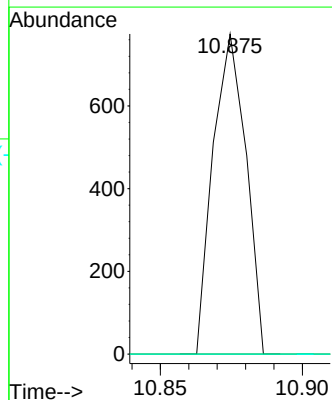
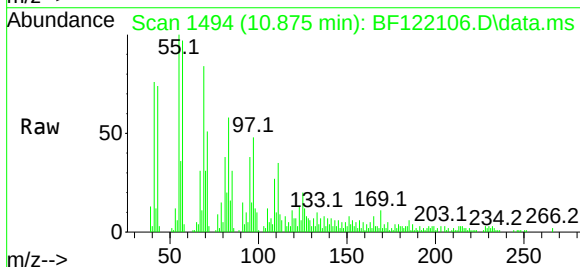
Instrument :
BNA_F
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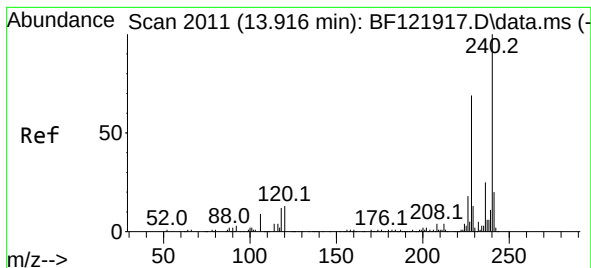
Tgt Ion:198 Resp: 136
Ion Ratio Lower Upper
198 100
51 243.1 29.6 69.6#
105 887.8 24.4 64.4#



#70
Pentachlorophenol
Concen: 8.27 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.188 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Tgt Ion:266 Resp: 623
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 0.0 49.9 74.9#

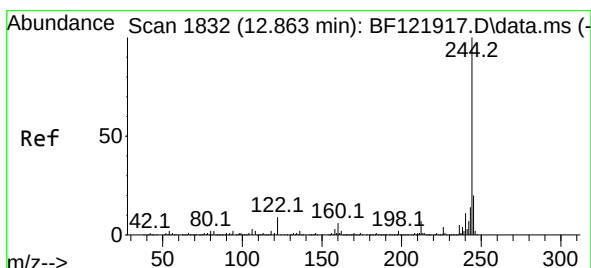
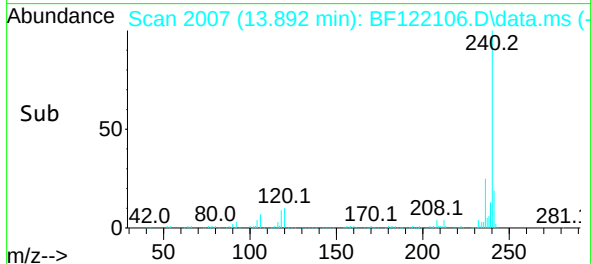
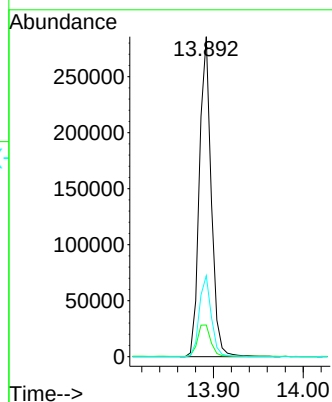
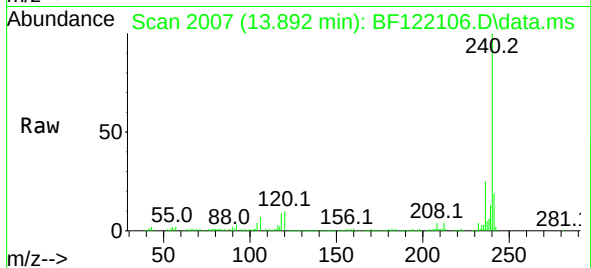




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

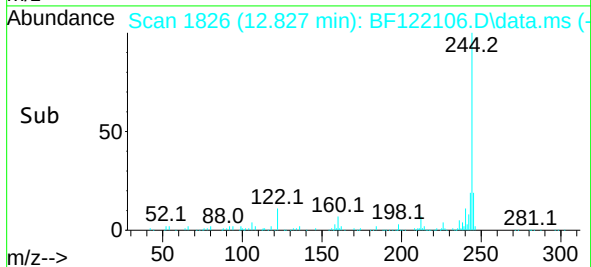
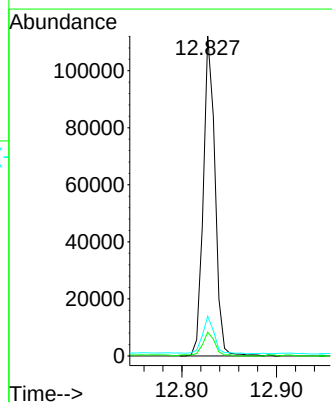
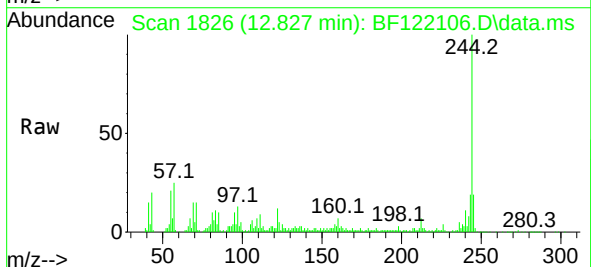
Instrument :
BNA_F
ClientSampled :
1836

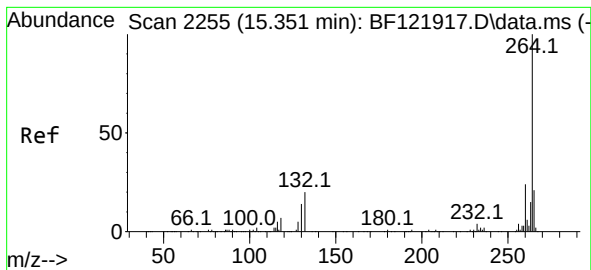
Tgt Ion:240 Resp: 261458
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 7.05 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

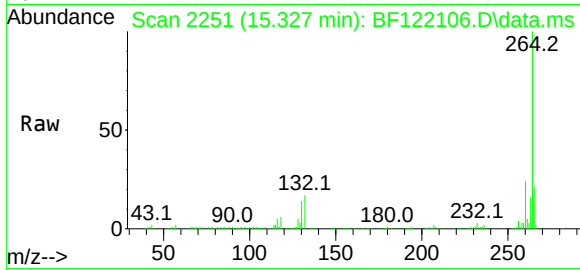
Tgt Ion:244 Resp: 96669
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 12.4 8.1 12.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Instrument :
BNA_F
ClientSampleId :
1836



Tgt Ion:264 Resp: 255314

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.1	17.3	25.9

