

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

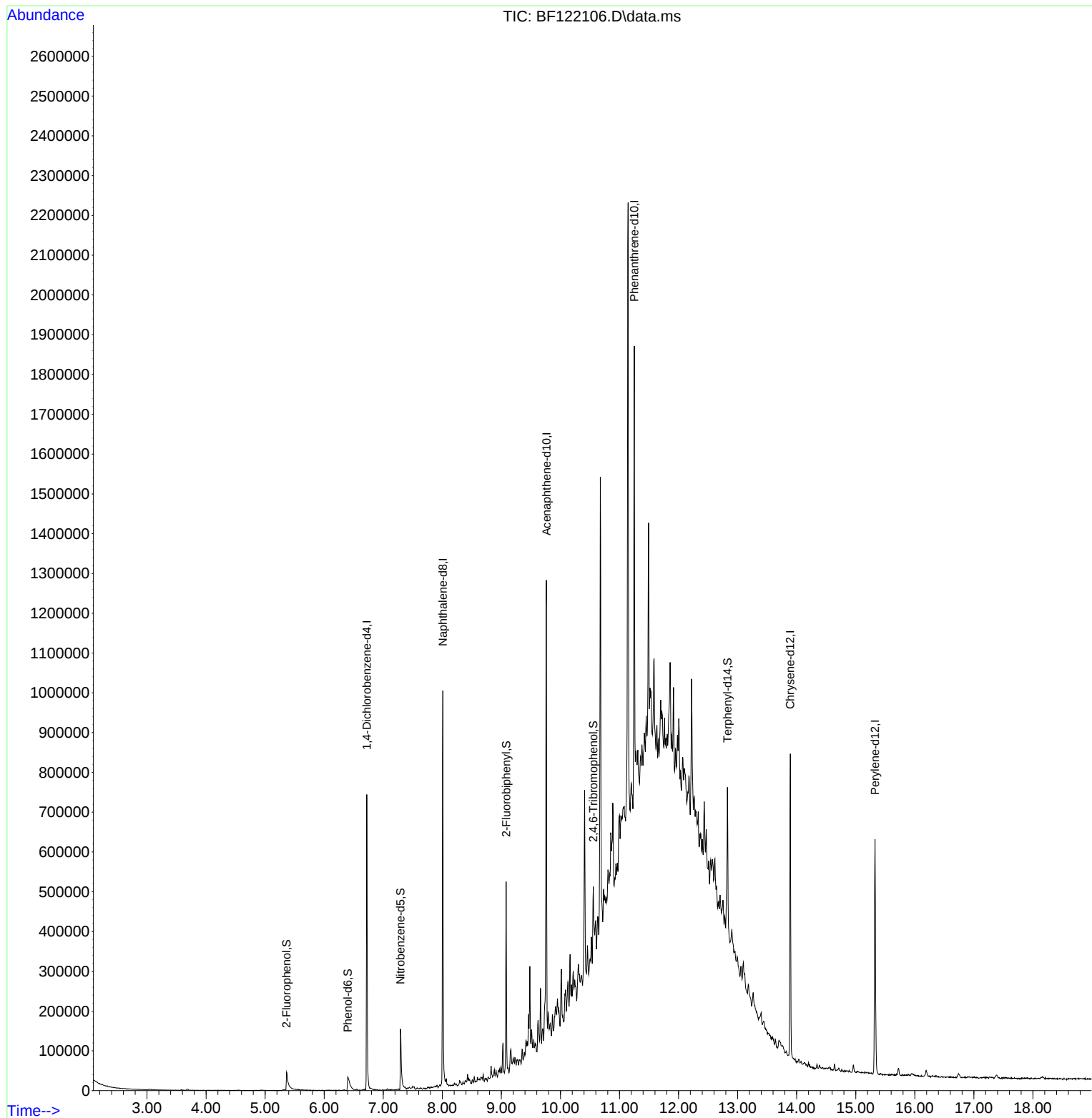
Target Compounds	Qvalue

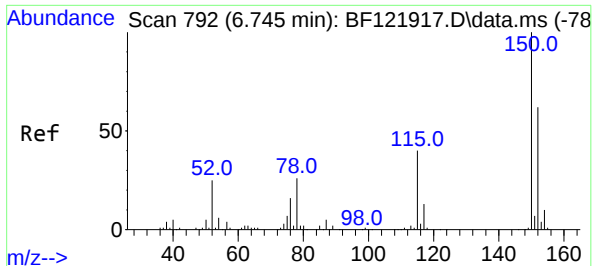
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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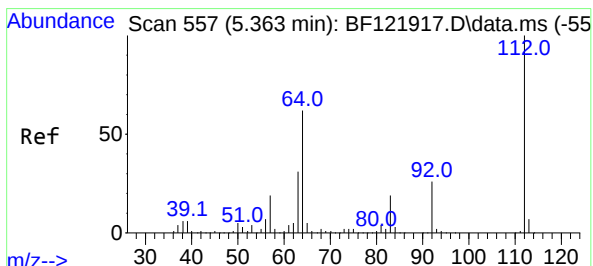
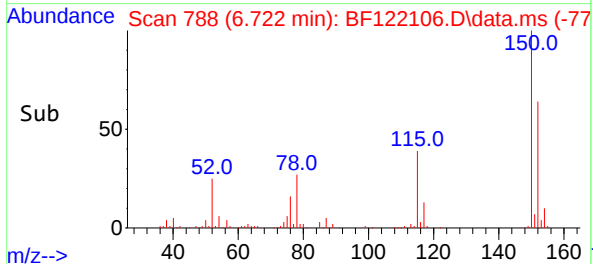
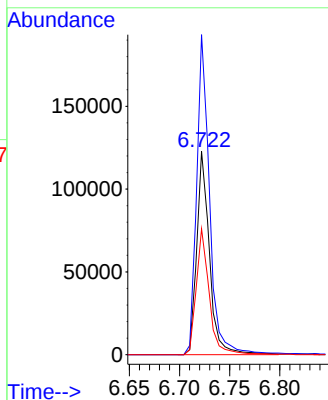
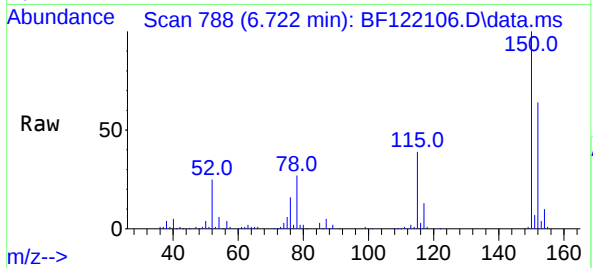




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

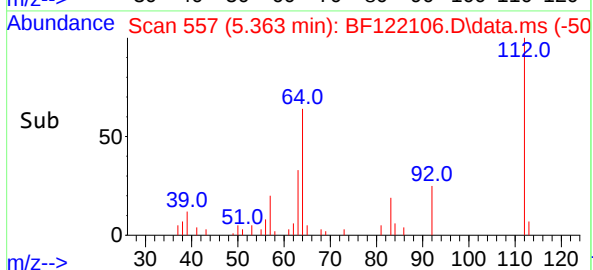
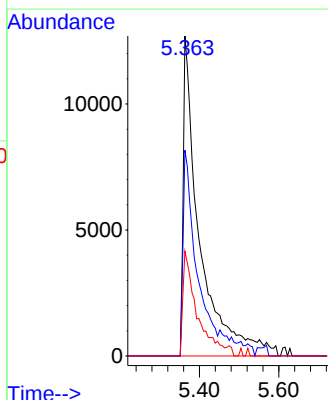
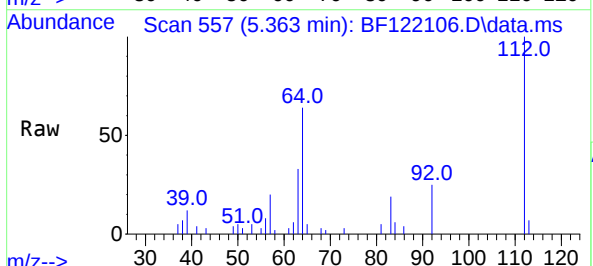
Instrument :
BNA_F
ClientSampleId :
1836

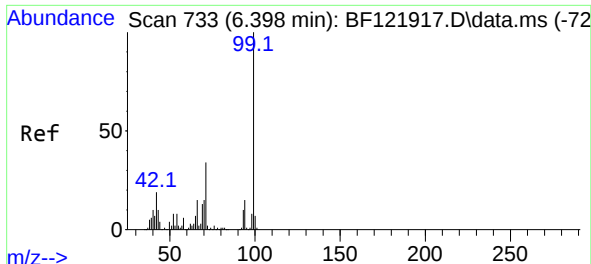
Tgt Ion:152 Resp: 109433
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 62.0 51.9 77.9



#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



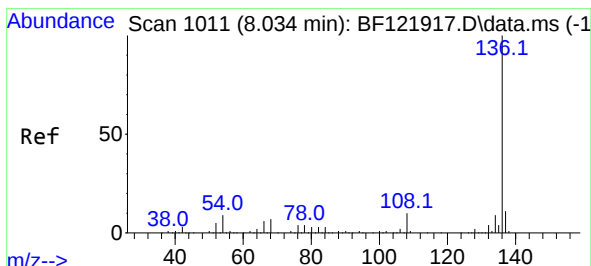
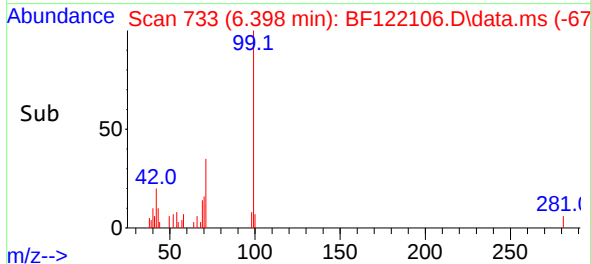
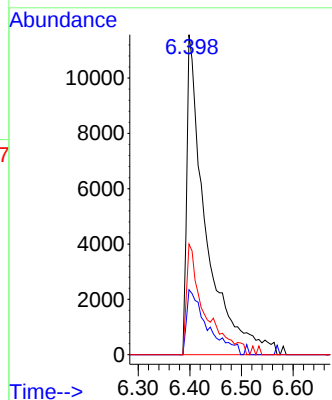
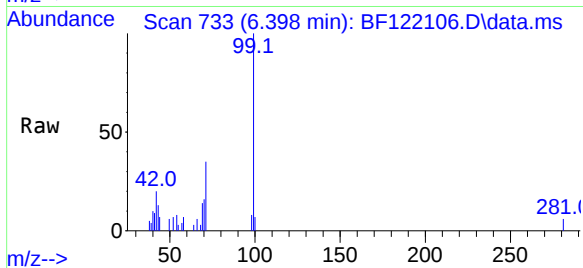


#7
Phenol-d6
Concen: 3.09 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.018 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Instrument :
BNA_F
ClientSampled :
1836

Tgt Ion: 99 Resp: 29511

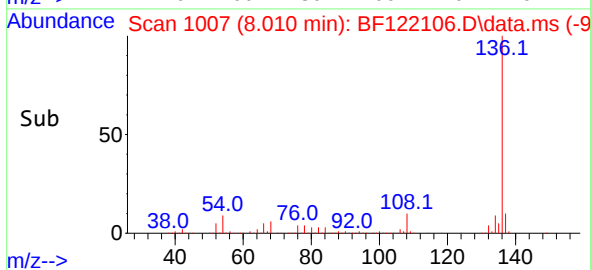
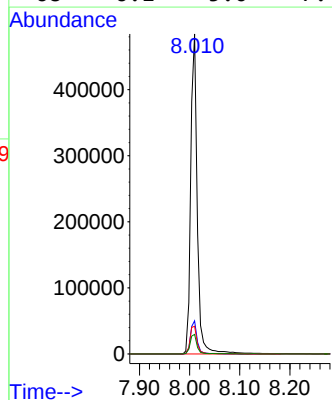
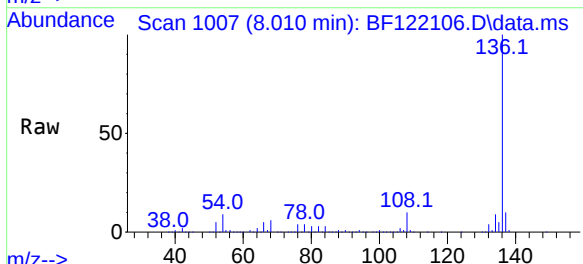
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.9	23.9
71	34.5	27.1	40.7

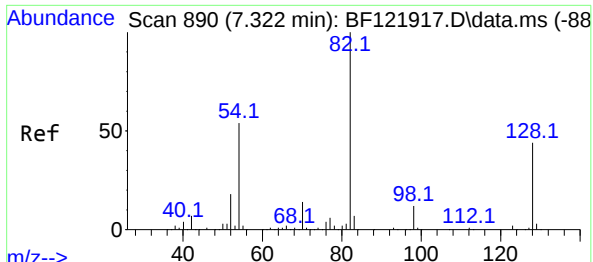


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

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

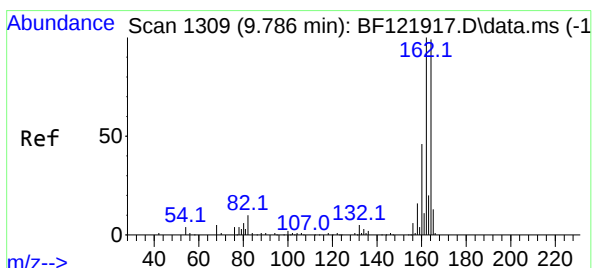
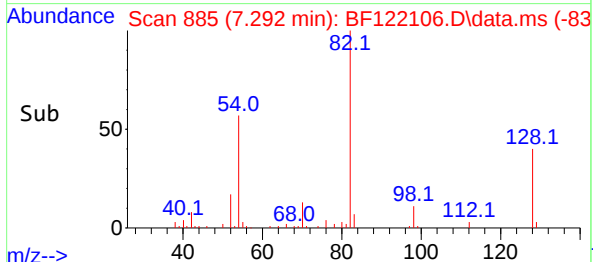
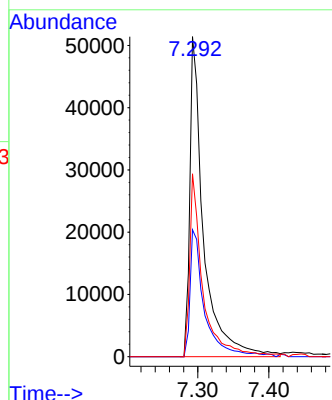
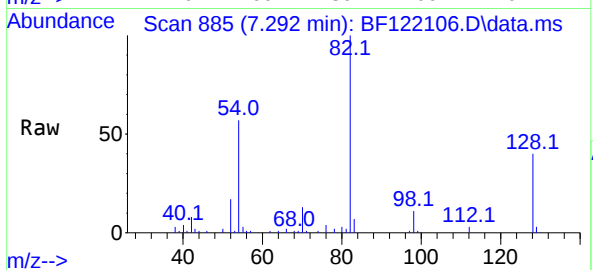




#23
Nitrobenzene-d5
Concen: 8.03 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

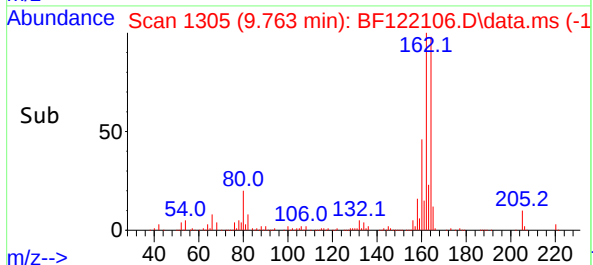
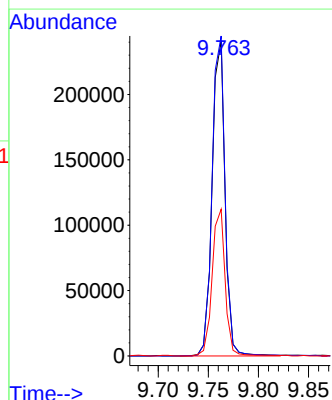
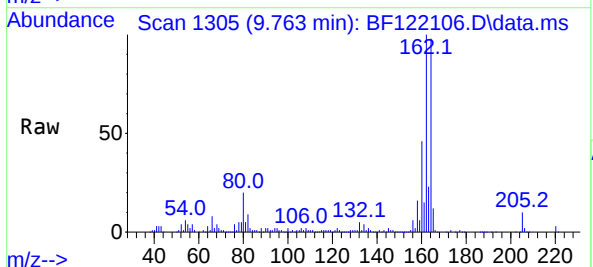
Instrument :
BNA_F
ClientSampleId :
1836

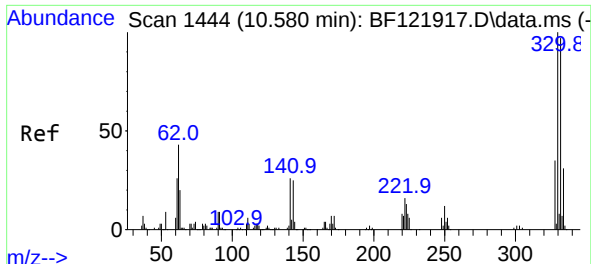
Tgt Ion: 82 Resp: 69303
Ion Ratio Lower Upper
82 100
128 39.7 35.0 52.4
54 57.1 43.9 65.9



#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

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

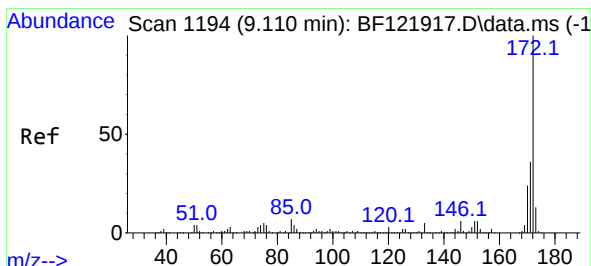
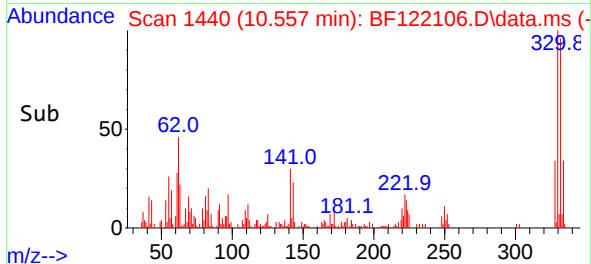
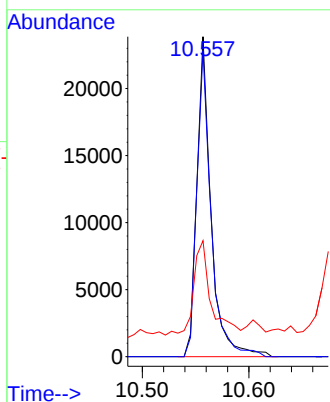
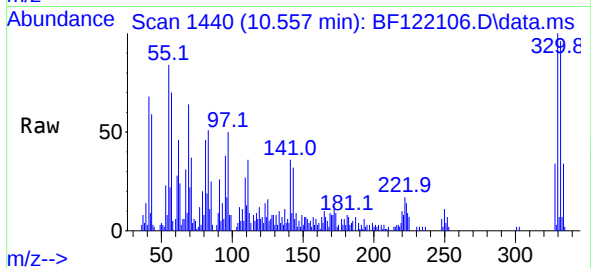




#42
2,4,6-Tribromophenol
Concen: 8.27 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

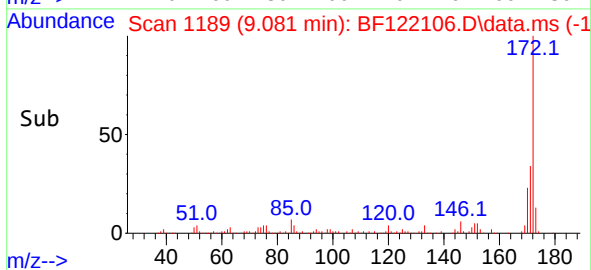
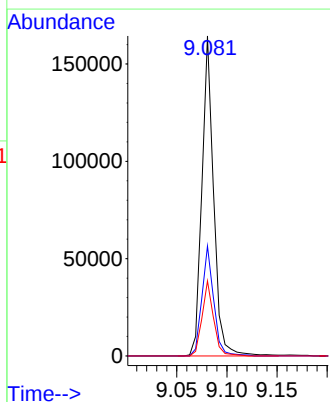
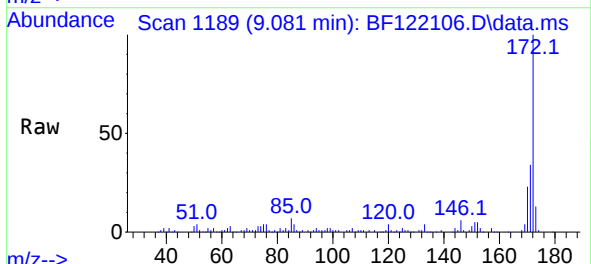
Instrument :
BNA_F
ClientSampled :
1836

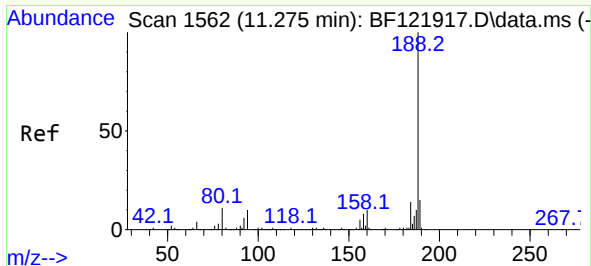
Tgt Ion: 330 Resp: 22106
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.6 22.3 33.5#



#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

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

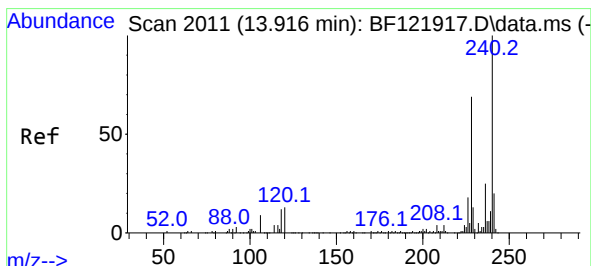
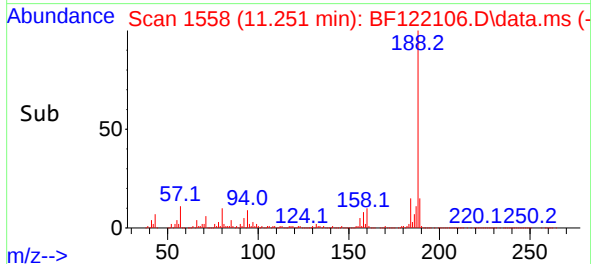
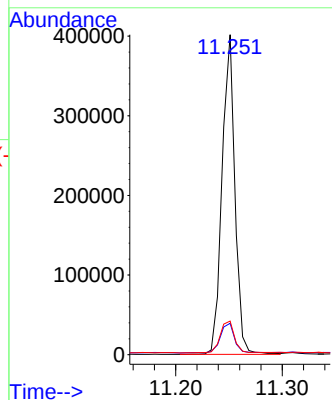
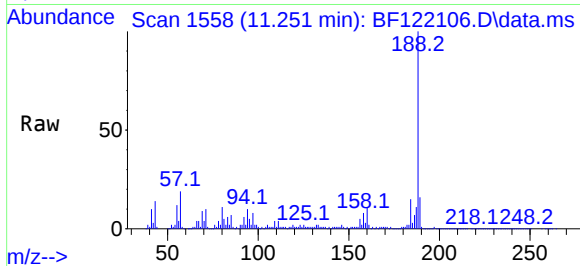




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

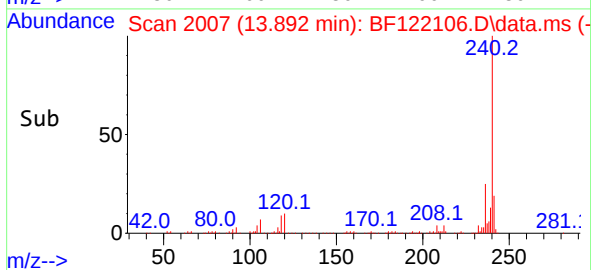
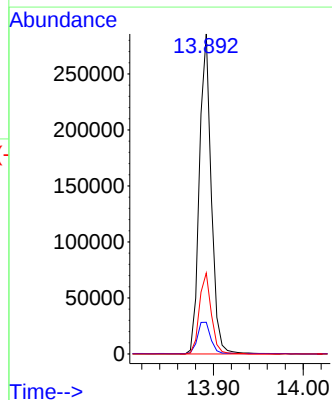
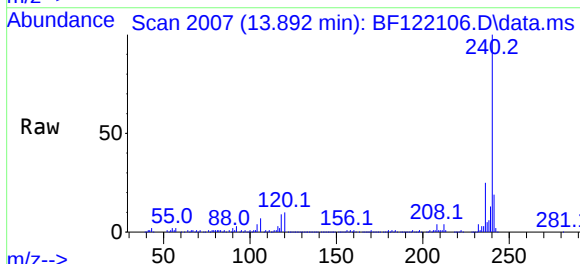
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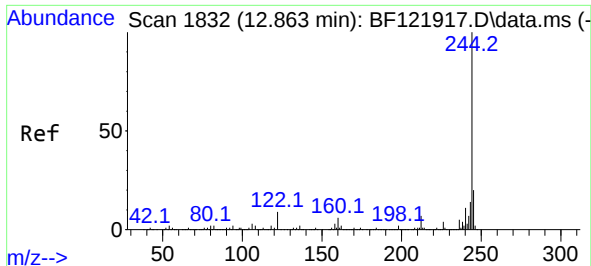
Tgt Ion:188 Resp: 335239
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.5 9.1 13.7



#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

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

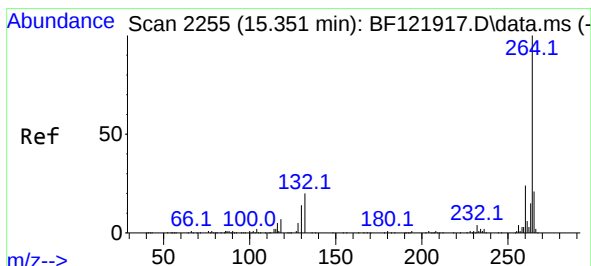
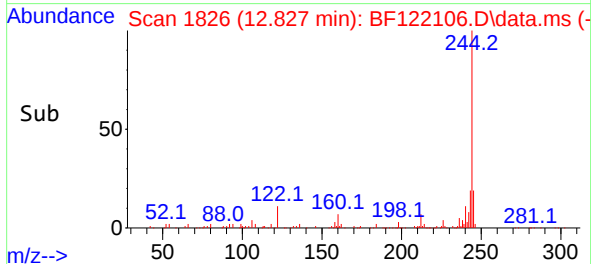
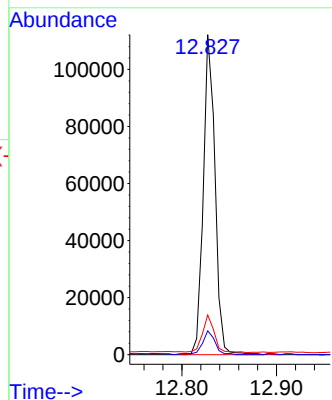
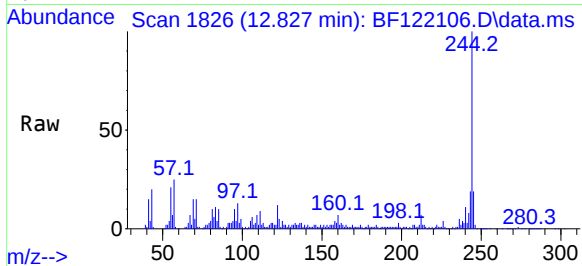




#79
Terphenyl-d14
Concen: 7.05 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122106.D
Acq: 23 Oct 2020 18:51

Instrument :
BNA_F
ClientSampleId :
1836

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

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

