

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122108.D
 Acq On : 23 Oct 2020 19:52
 Operator : JU/CG
 Sample : L4487-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Quant Time: Oct 23 23:37:10 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)

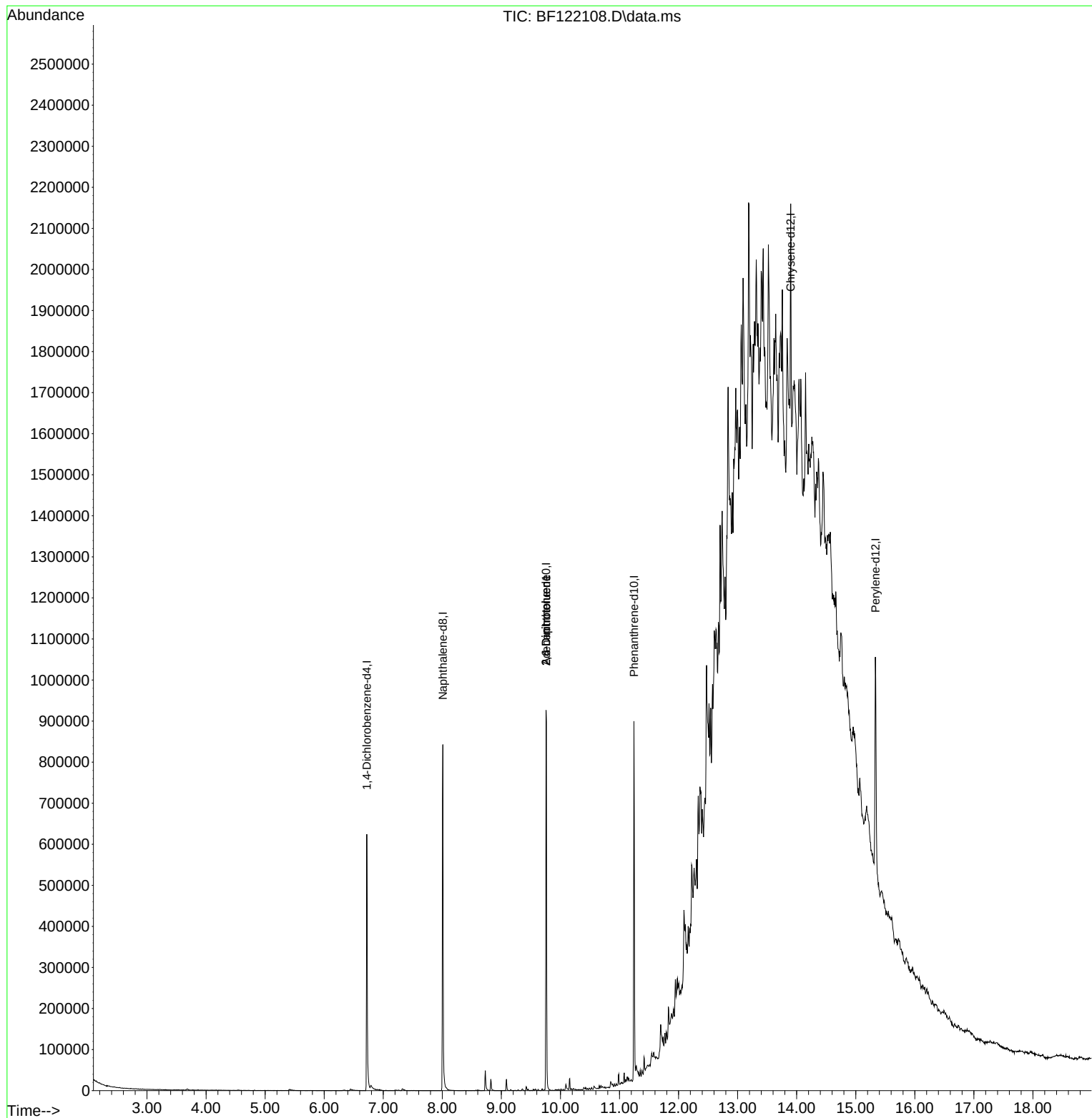
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	99451	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	406872	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	196900	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	316798	20.00	ng	0.00
76) Chrysene-d12	13.898	240	224214	20.00	ng	0.01
86) Perylene-d12	15.333	264	242001	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	4736	0.70	ng	0.07
7) Phenol-d6	6.445	99	5408	0.62	ng	0.06
23) Nitrobenzene-d5	7.322	82	5569	0.70	ng	0.02
42) 2,4,6-Tribromophenol	10.569	330	887	0.36	ng	0.01
45) 2-Fluorobiphenyl	9.086	172	12226	0.91	ng	0.00
79) Terphenyl-d14	12.833	244	9922	0.84	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.757	165	24957	7.90	ng	# 21
57) 2,4-Dinitrotoluene	9.757	165	24957	6.42	ng	# 20

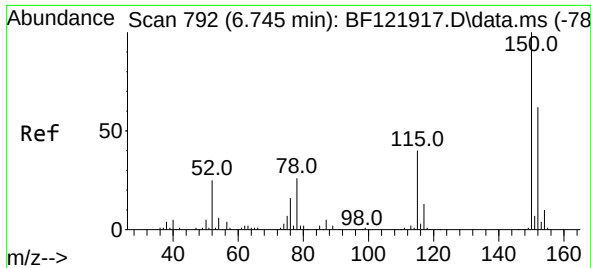
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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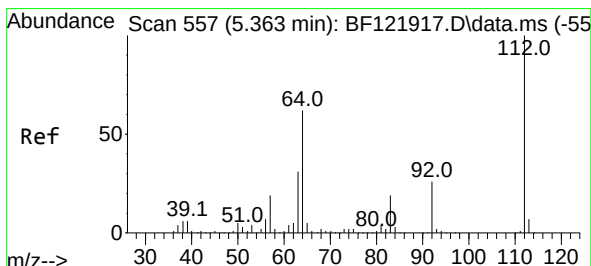
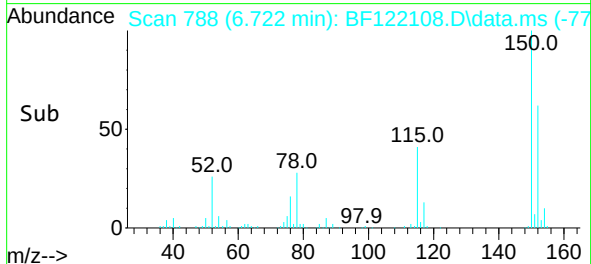
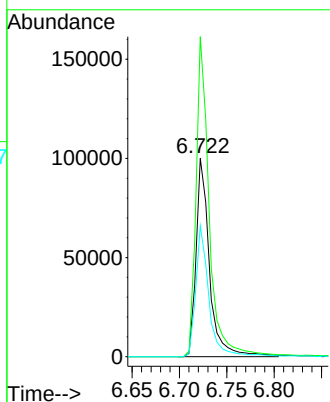
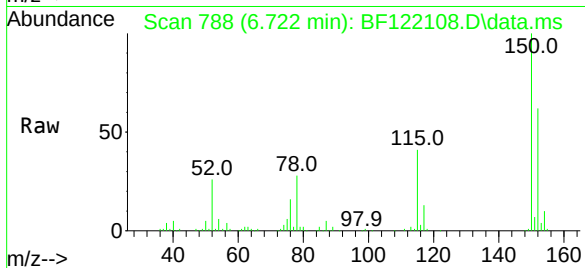




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.722 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF122108.D
 Acq: 23 Oct 2020 19:52

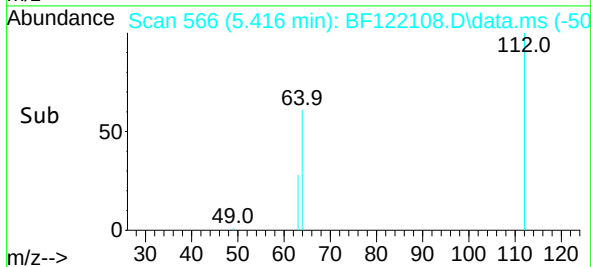
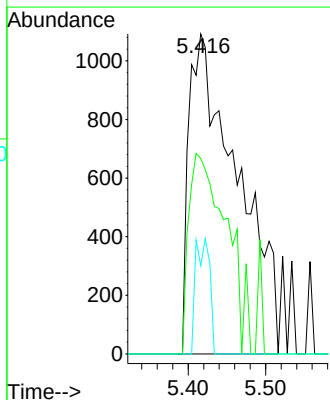
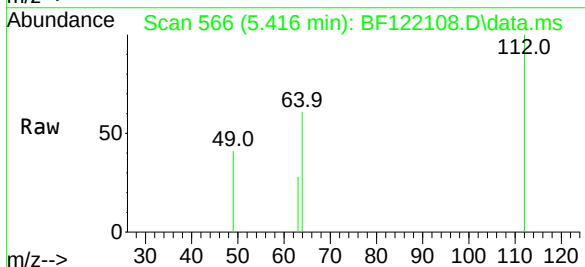
Instrument :
 BNA_F
 ClientSampleId :
 D-85

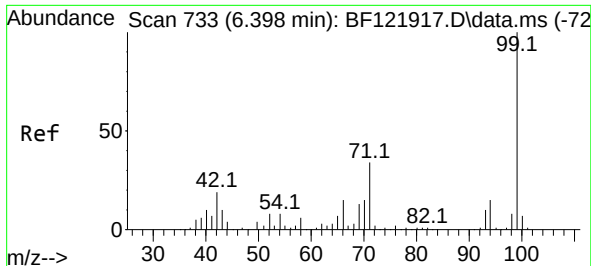
Tgt Ion:152 Resp: 99451
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.3 187.9
 115 66.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 0.70 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.071 min
 Lab File: BF122108.D
 Acq: 23 Oct 2020 19:52

Tgt Ion:112 Resp: 4736
 Ion Ratio Lower Upper
 112 100
 64 61.1 50.4 75.6
 63 27.6 25.8 38.6

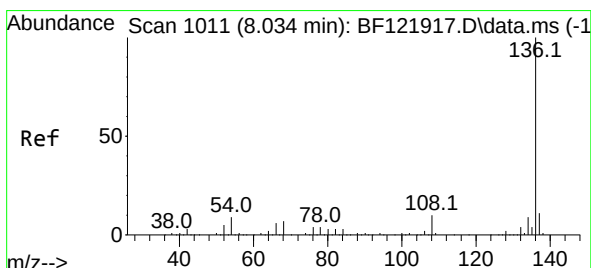
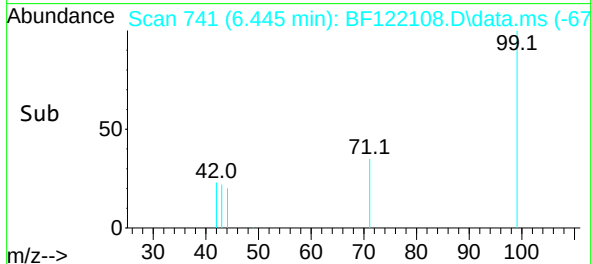
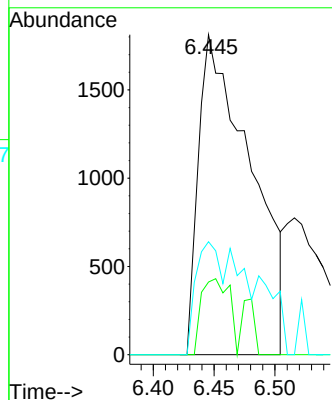
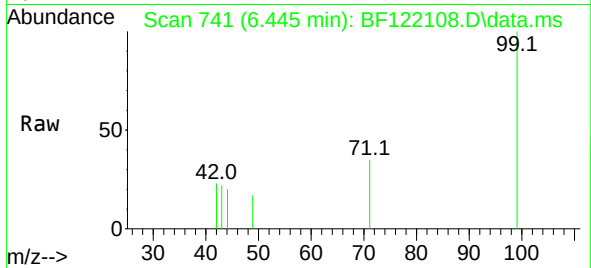




#7
Phenol-d6
Concen: 0.62 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.065 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

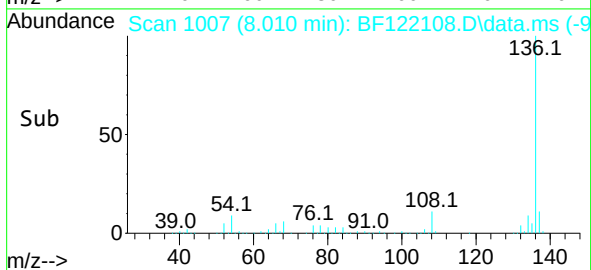
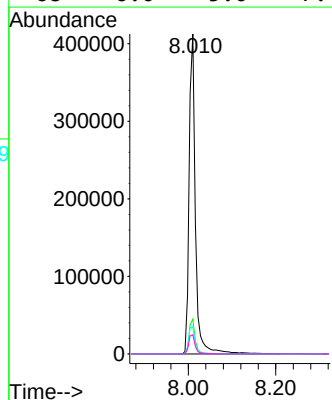
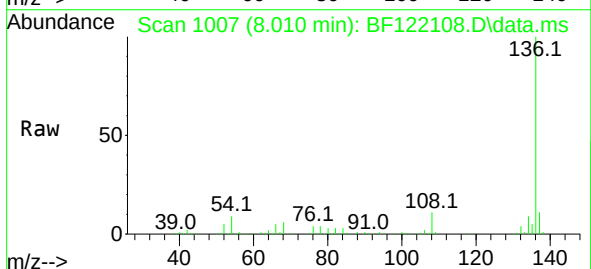
Instrument :
BNA_F
ClientSampleId :
D-85

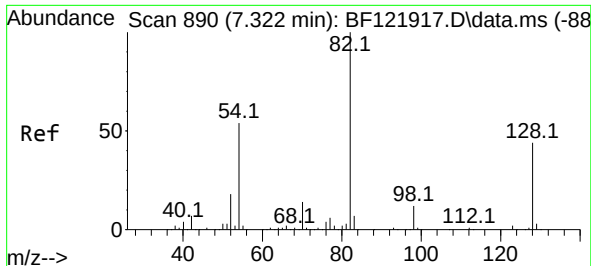
Tgt Ion: 99 Resp: 5408
Ion Ratio Lower Upper
99 100
42 22.7 15.9 23.9
71 35.3 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

Tgt Ion: 136 Resp: 406872
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.70 ng

RT: 7.322 min Scan# 890

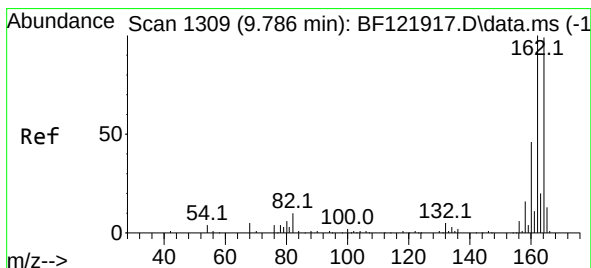
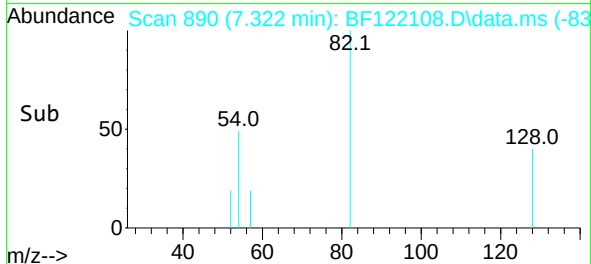
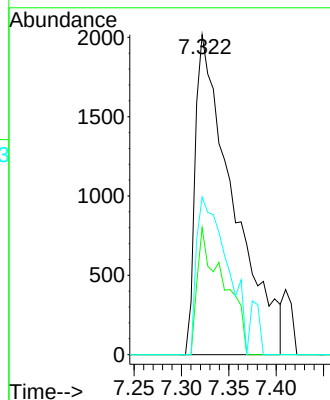
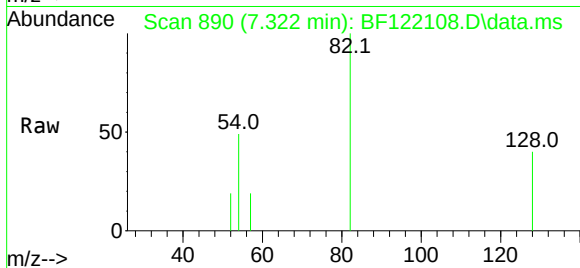
Delta R.T. 0.018 min

Lab File: BF122108.D

Acq: 23 Oct 2020 19:52

Tgt Ion: 82 Resp: 5569

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.0	52.4
54	49.2	43.9	65.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

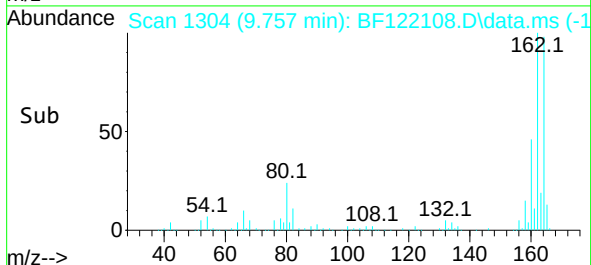
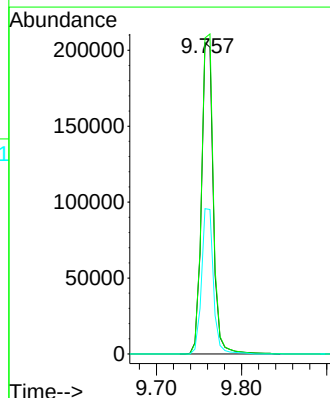
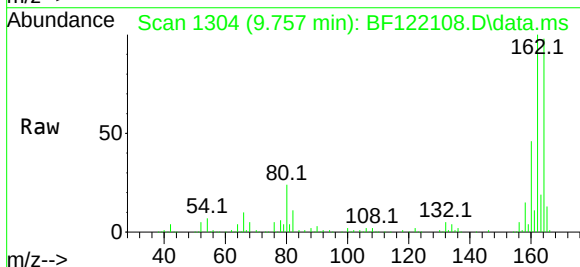
Delta R.T. -0.006 min

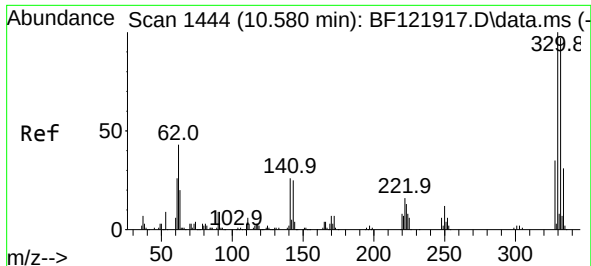
Lab File: BF122108.D

Acq: 23 Oct 2020 19:52

Tgt Ion: 164 Resp: 196900

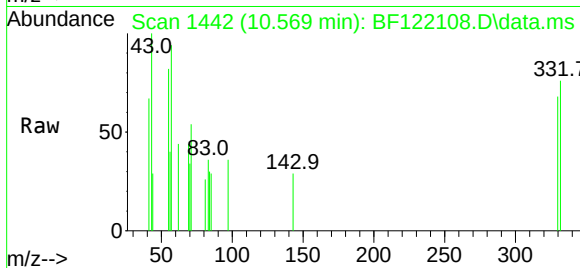
Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.2	124.8
160	46.7	37.5	56.3



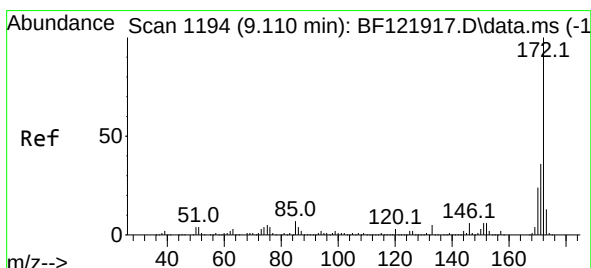
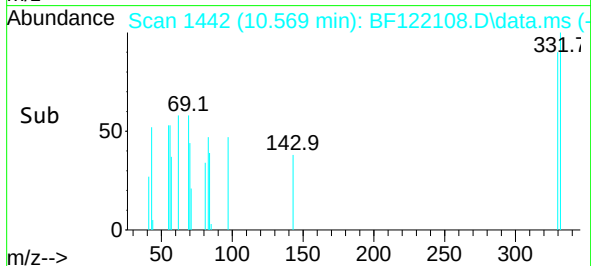
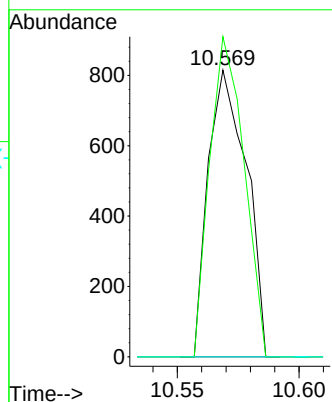


#42
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

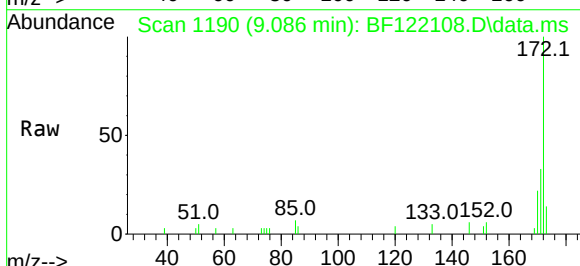
Instrument :
BNA_F
ClientSampleID :
D-85



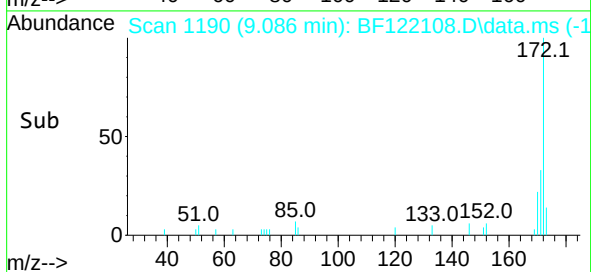
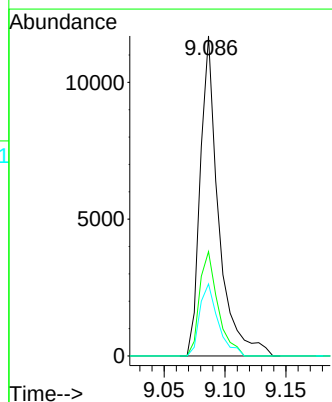
Tgt Ion: 330 Resp: 887
Ion Ratio Lower Upper
330 100
332 100.7 77.3 115.9
141 0.0 22.3 33.5#

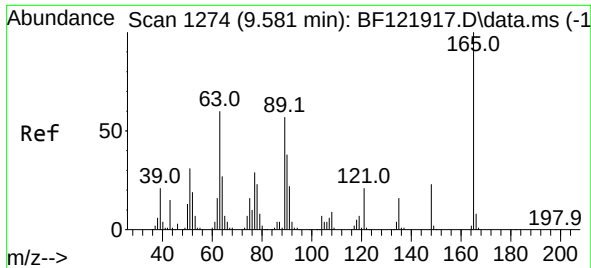


#45
2-Fluorobiphenyl
Concen: 0.91 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52



Tgt Ion: 172 Resp: 12226
Ion Ratio Lower Upper
172 100
171 32.6 29.1 43.7
170 22.5 19.8 29.6

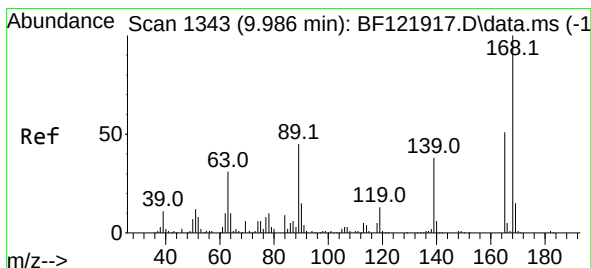
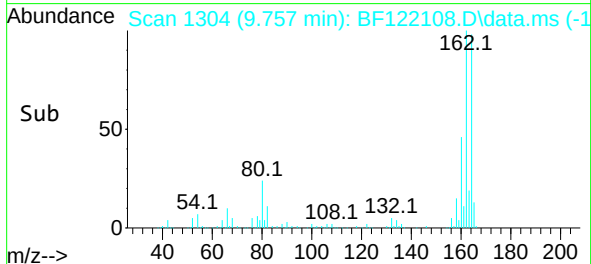
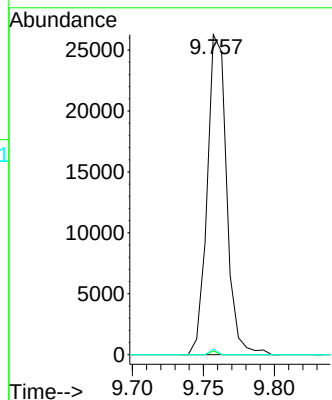
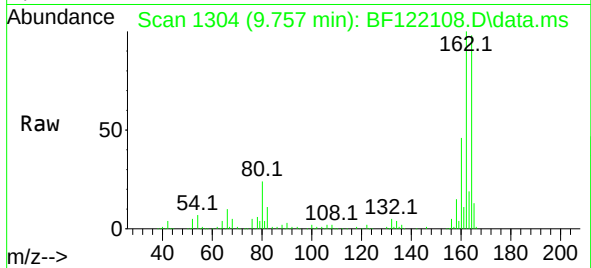




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

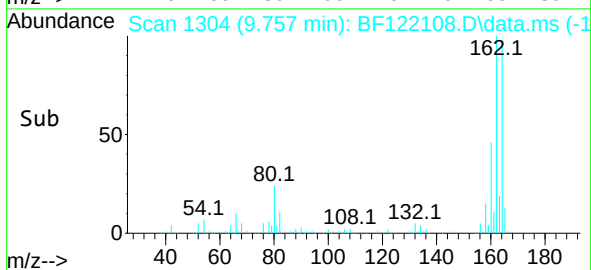
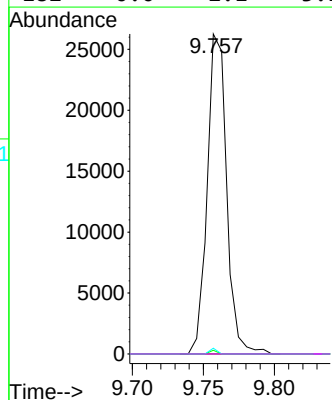
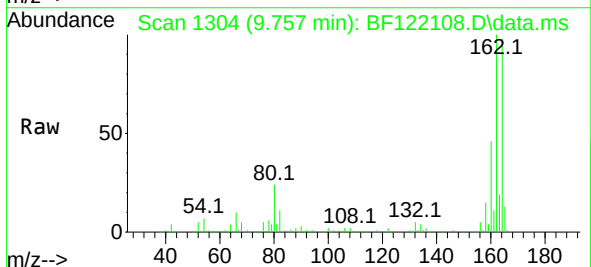
Instrument :
BNA_F
ClientSampleId :
D-85

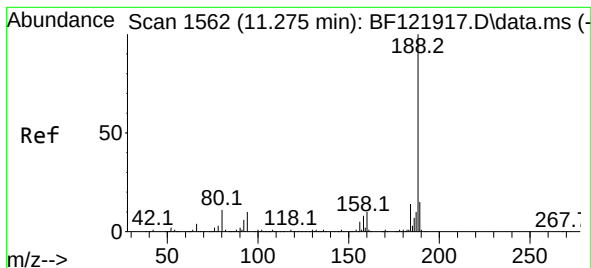
Tgt Ion:165 Resp: 24957
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.8 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

Tgt Ion:165 Resp: 24957
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BF122108.D

Acq: 23 Oct 2020 19:52

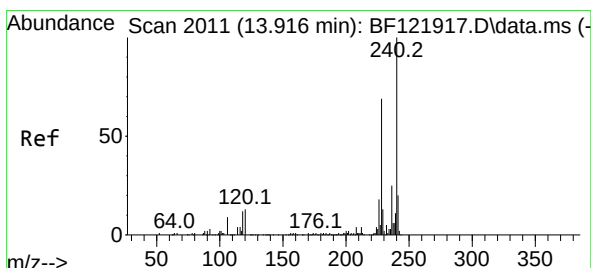
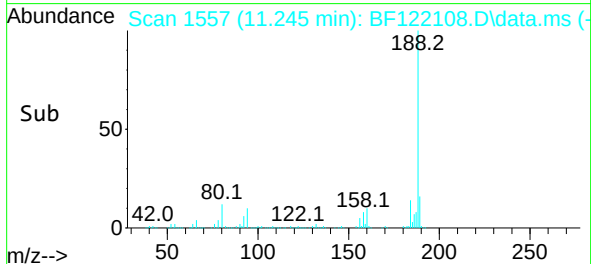
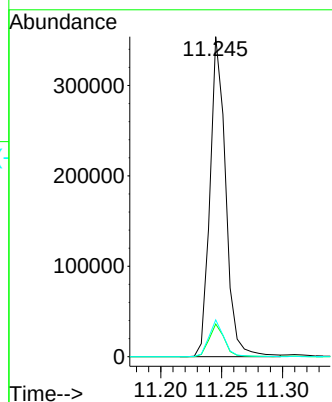
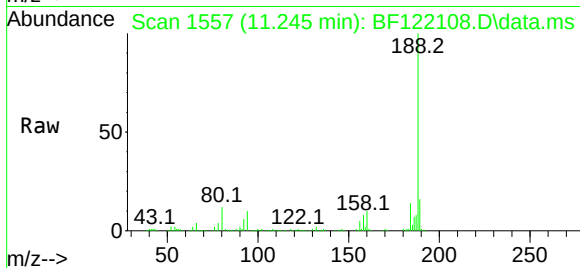
Tgt Ion:188 Resp: 316798

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 11.5 9.1 13.7



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.898 min Scan# 2008

Delta R.T. 0.012 min

Lab File: BF122108.D

Acq: 23 Oct 2020 19:52

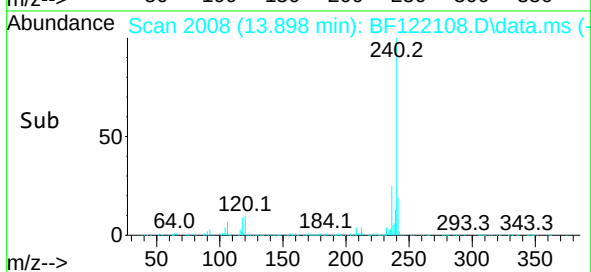
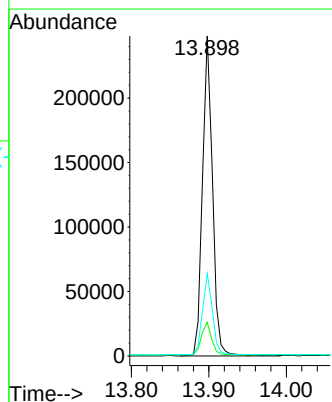
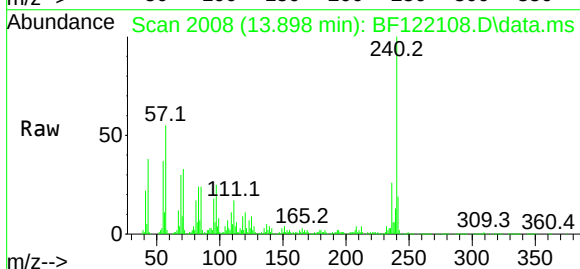
Tgt Ion:240 Resp: 224214

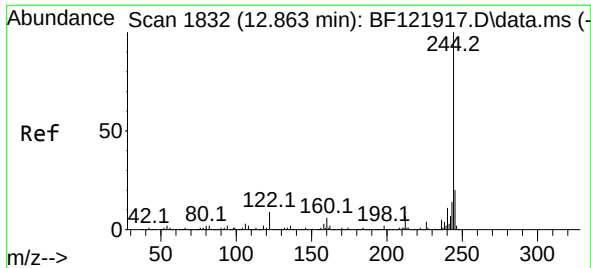
Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 25.7 20.9 31.3

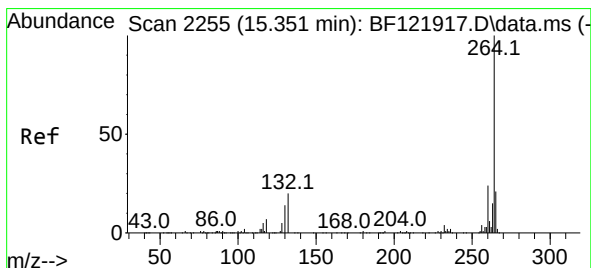
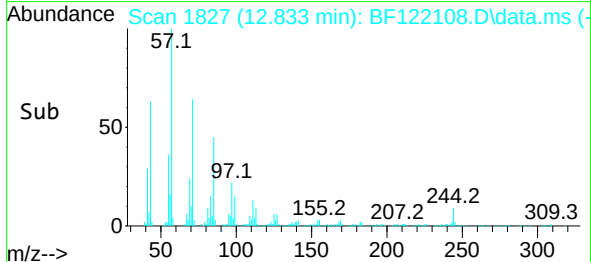
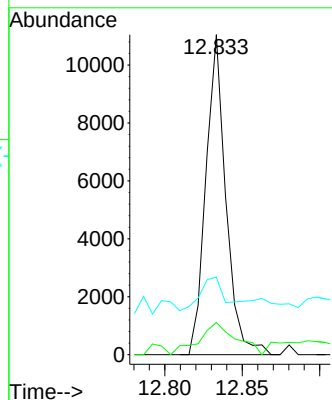
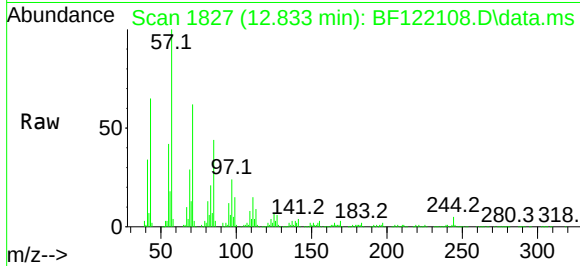




#79
Terphenyl-d14
Concen: 0.84 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

Instrument :
BNA_F
ClientSampled :
D-85

Tgt Ion:244 Resp: 9922
Ion Ratio Lower Upper
244 100
212 10.1 5.4 8.2#
122 24.3 8.1 12.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.018 min
Lab File: BF122108.D
Acq: 23 Oct 2020 19:52

Tgt Ion:264 Resp: 242001
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.6 17.3 25.9

