

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122110.D
 Acq On : 23 Oct 2020 20:53
 Operator : JU/CG
 Sample : L4487-03 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Quant Time: Oct 23 23:37:32 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)

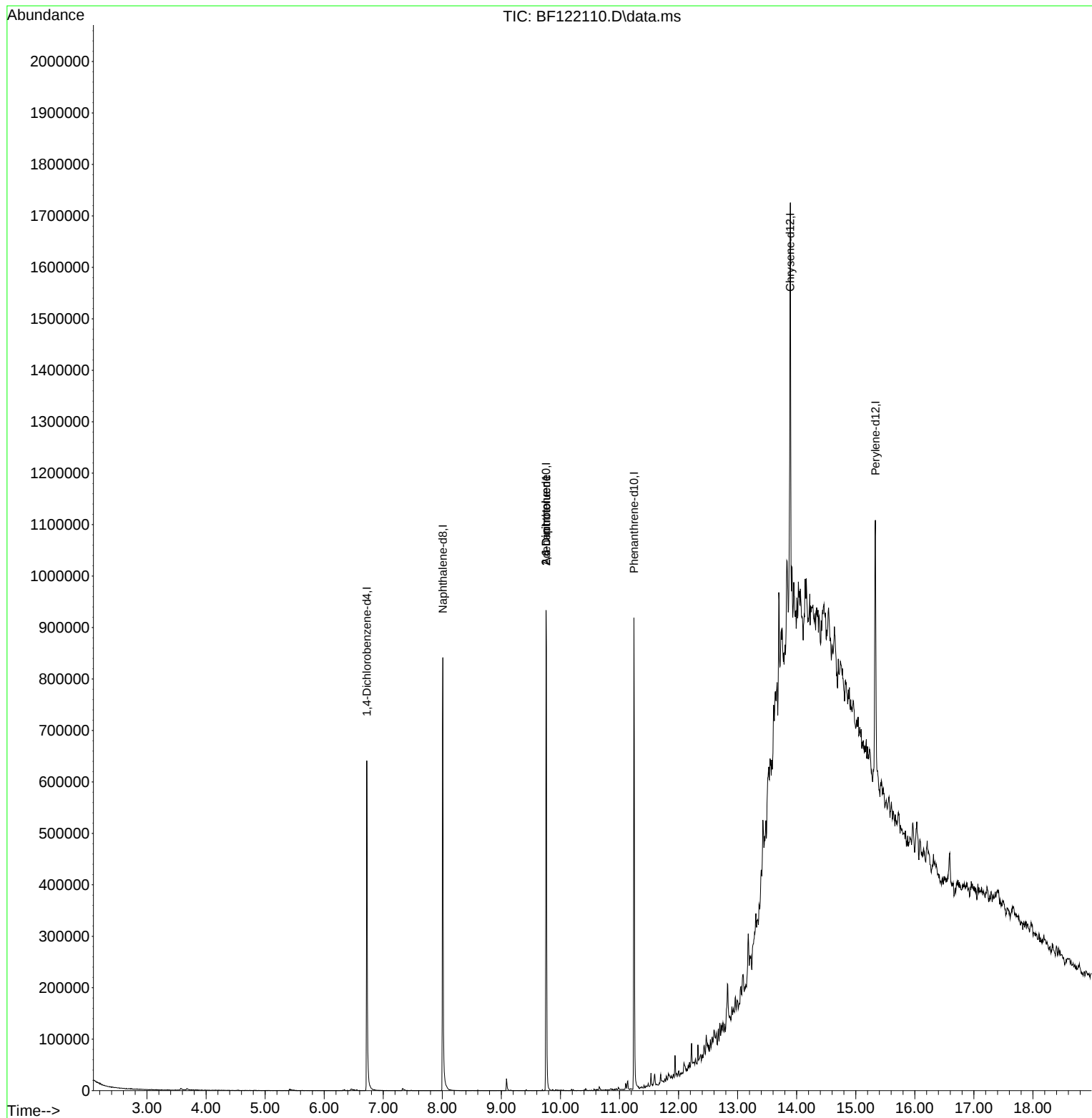
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	102479	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	419243	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	205605	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	338260	20.00	ng	0.00
76) Chrysene-d12	13.892	240	239604	20.00	ng	0.00
86) Perylene-d12	15.333	264	241941	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2483	0.36	ng	0.07
7) Phenol-d6	6.451	99	7396	0.83	ng	0.07
23) Nitrobenzene-d5	7.328	82	5152	0.63	ng	0.02
42) 2,4,6-Tribromophenol	10.569	330	755	0.30	ng	0.01
45) 2-Fluorobiphenyl	9.086	172	12243	0.88	ng	0.00
79) Terphenyl-d14	12.827	244	10831	0.86	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.757	165	25896	7.85	ng	# 21
57) 2,4-Dinitrotoluene	9.757	165	25896	6.38	ng	# 20

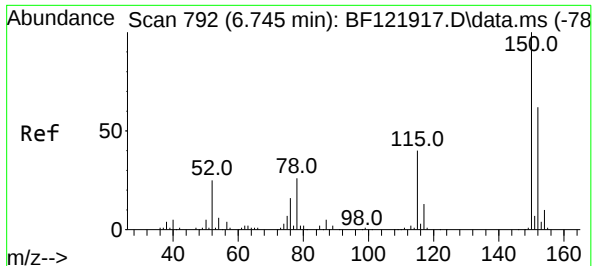
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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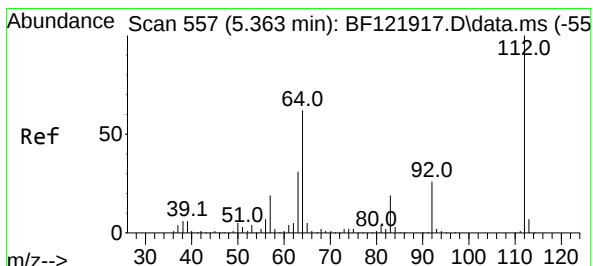
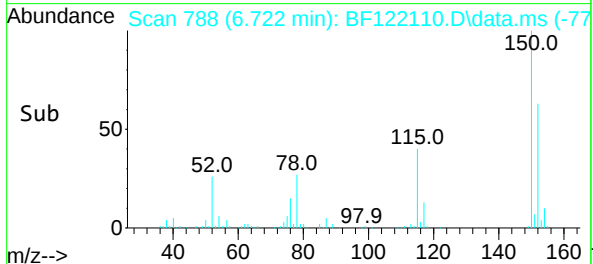
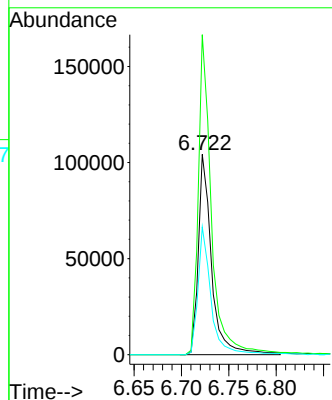
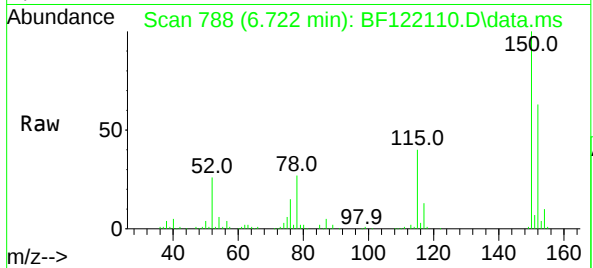




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

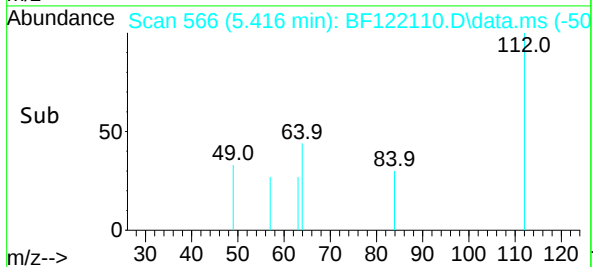
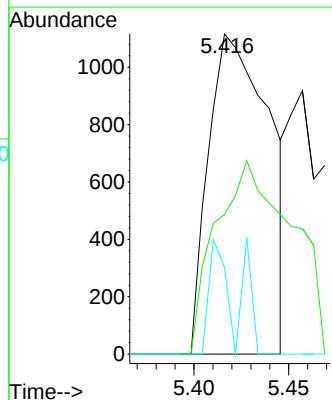
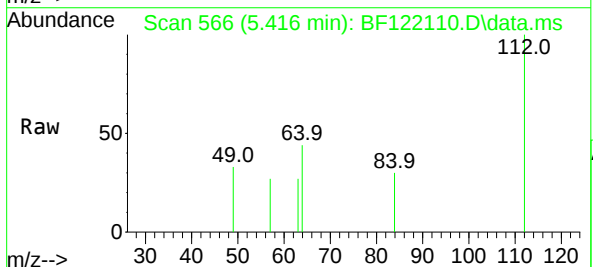
Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:152 Resp: 102479
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 63.7 51.9 77.9



#5
2-Fluorophenol
Concen: 0.36 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.071 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

Tgt Ion:112 Resp: 2483
Ion Ratio Lower Upper
112 100
64 43.6 50.4 75.6#
63 27.2 25.8 38.6

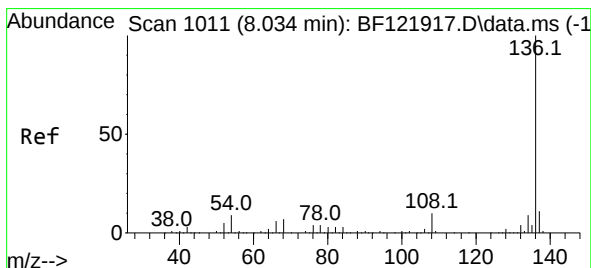
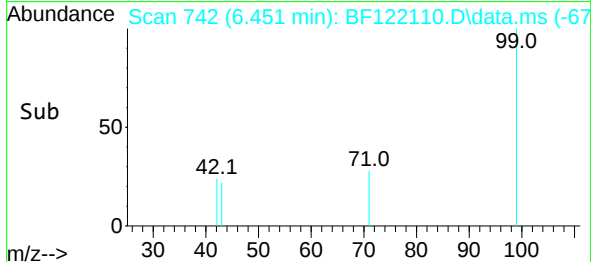
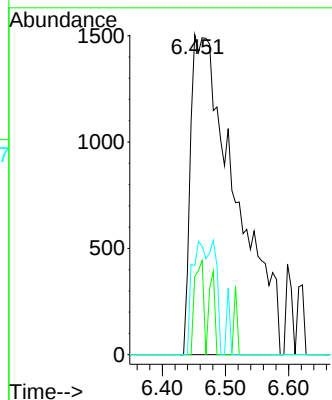
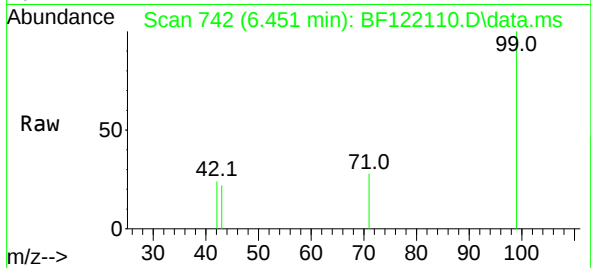




#7
Phenol-d6
Concen: 0.83 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.071 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

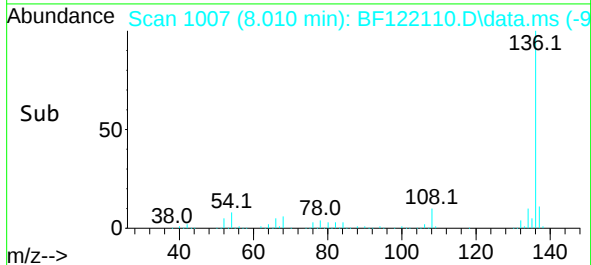
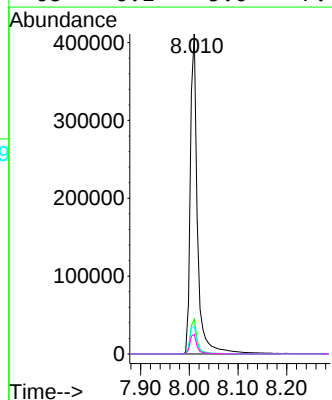
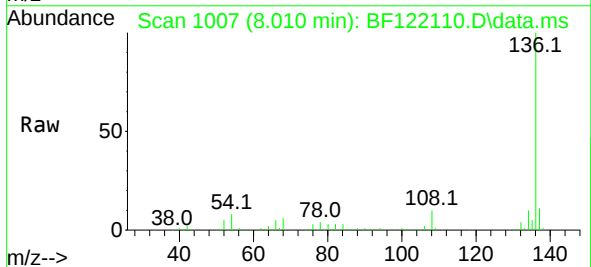
Instrument :
BNA_F
ClientSampled :
D-89

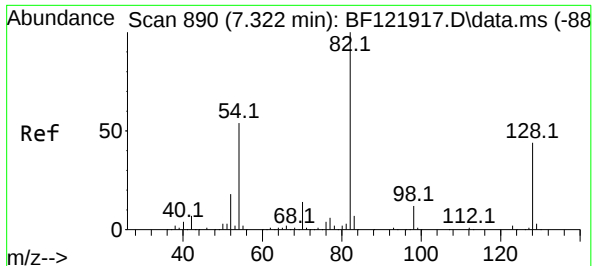
Tgt Ion: 99 Resp: 7396
Ion Ratio Lower Upper
99 100
42 24.5 15.9 23.9#
71 27.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

Tgt Ion: 136 Resp: 419243
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.63 ng

RT: 7.328 min Scan# 891

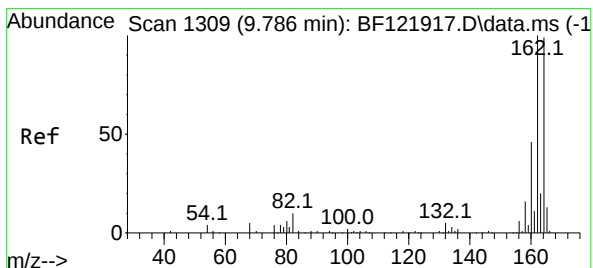
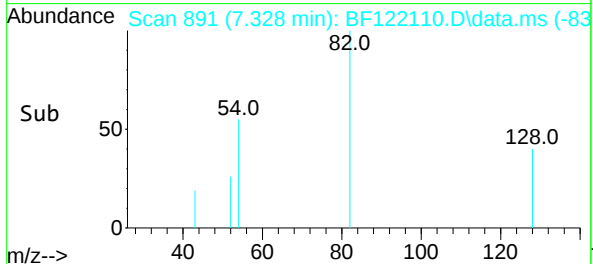
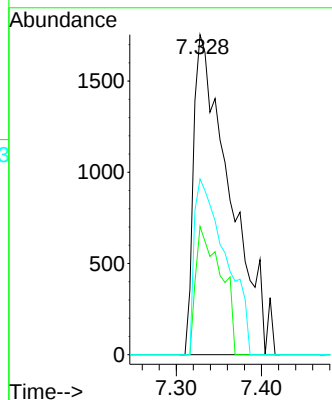
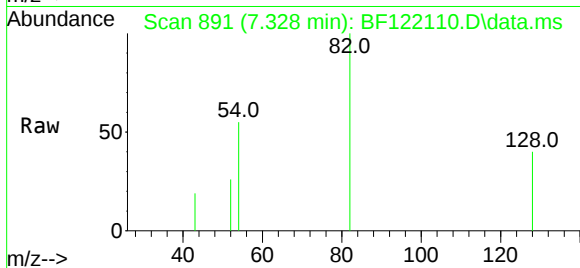
Delta R.T. 0.023 min

Lab File: BF122110.D

Acq: 23 Oct 2020 20:53

Tgt Ion: 82 Resp: 5152

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.0	52.4
54	54.9	43.9	65.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

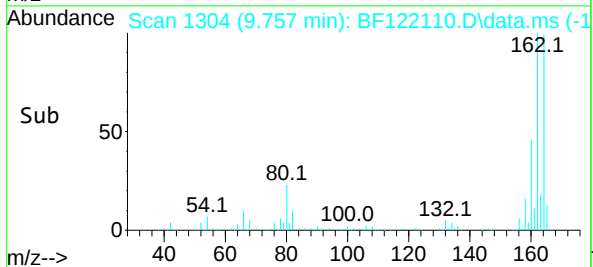
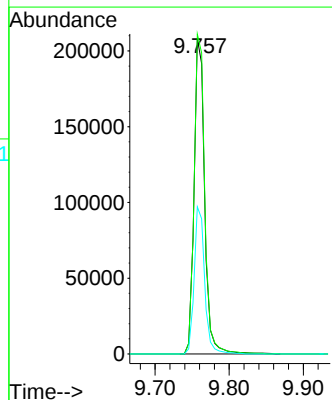
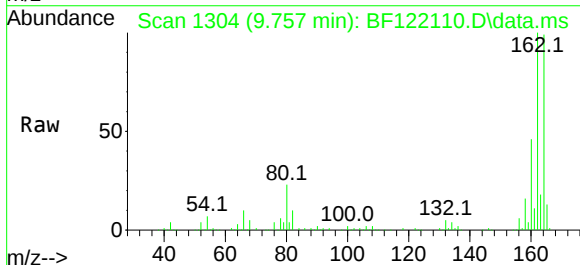
Delta R.T. -0.006 min

Lab File: BF122110.D

Acq: 23 Oct 2020 20:53

Tgt Ion: 164 Resp: 205605

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.2	124.8
160	46.7	37.5	56.3

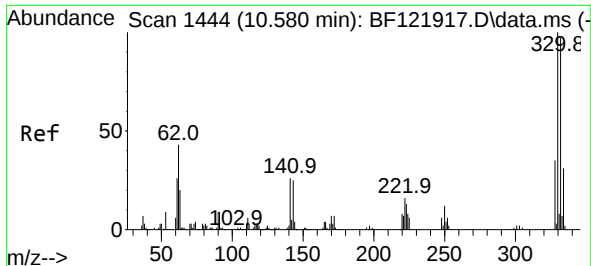


Instrument :

BNA_F

ClientSampleId :

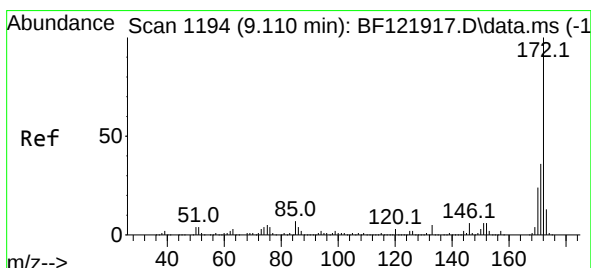
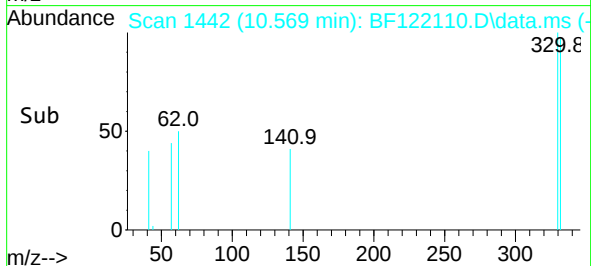
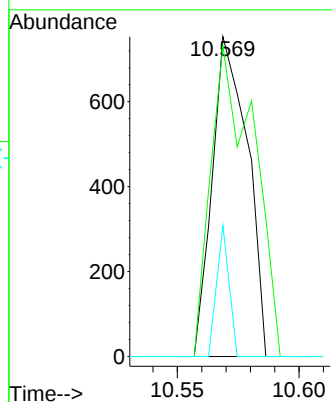
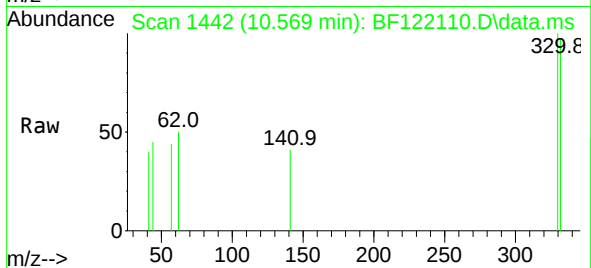
D-89



#42
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

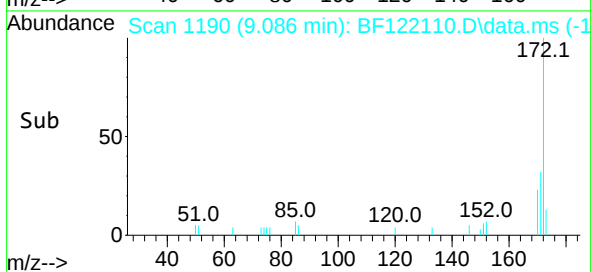
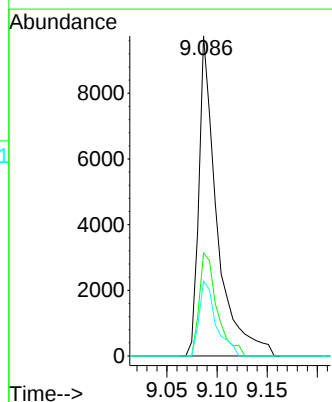
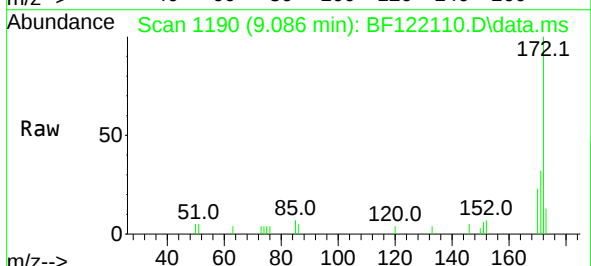
Instrument :
BNA_F
ClientSampleId :
D-89

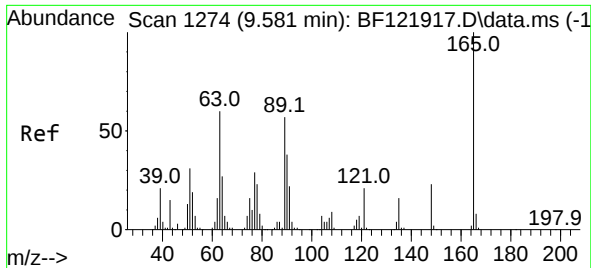
Tgt Ion: 330 Resp: 755
Ion Ratio Lower Upper
330 100
332 118.8 77.3 115.9#
141 14.4 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 0.88 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

Tgt Ion: 172 Resp: 12243
Ion Ratio Lower Upper
172 100
171 32.2 29.1 43.7
170 23.3 19.8 29.6

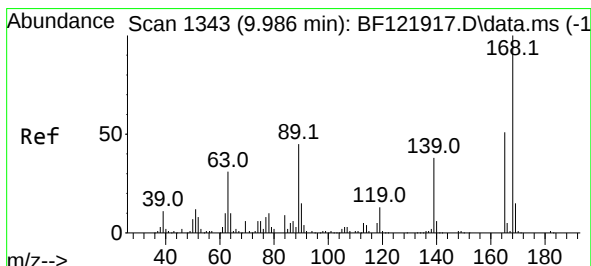
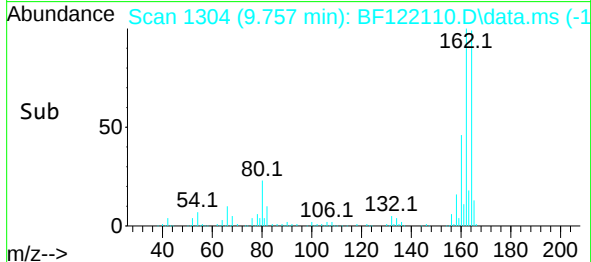
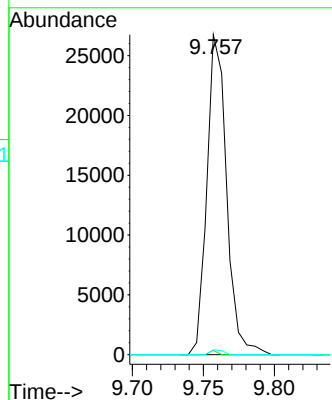
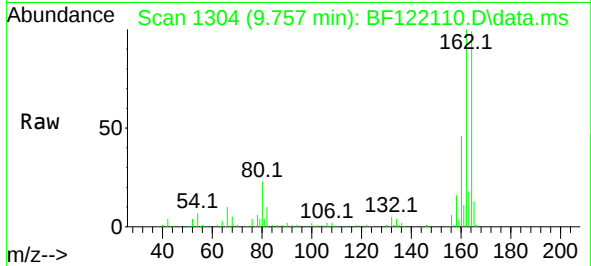




#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

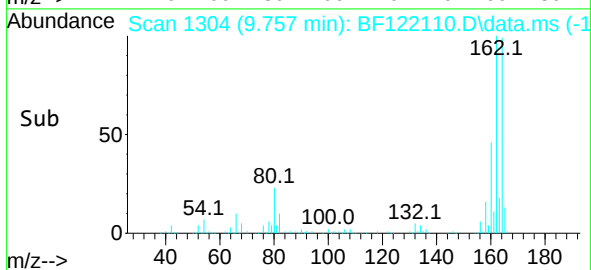
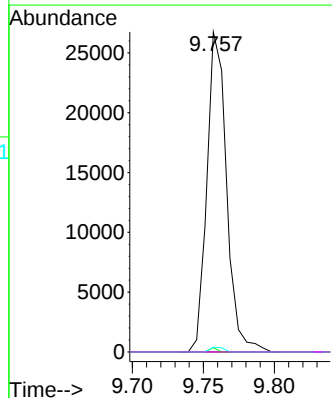
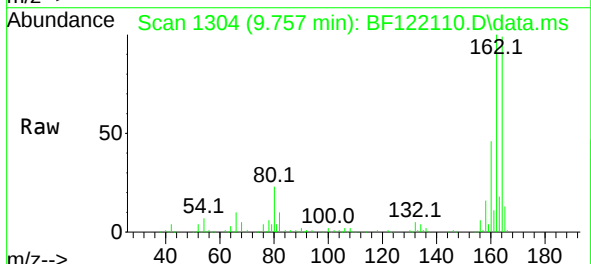
Instrument :
BNA_F
ClientSampleId :
D-89

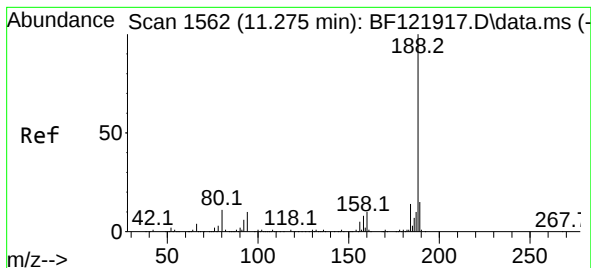
Tgt Ion:165 Resp: 25896
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122110.D
Acq: 23 Oct 2020 20:53

Tgt Ion:165 Resp: 25896
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.5 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: BF122110.D

Acq: 23 Oct 2020 20:53

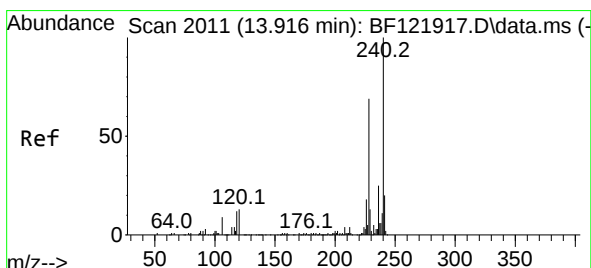
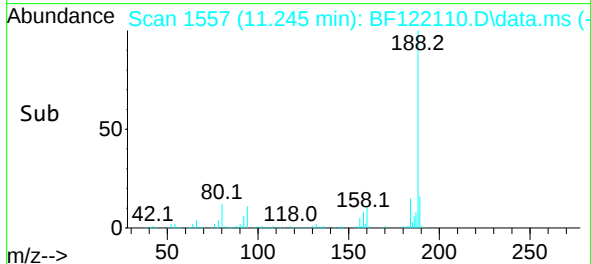
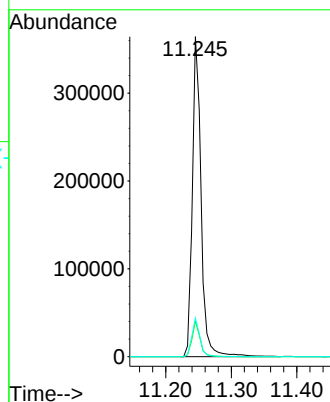
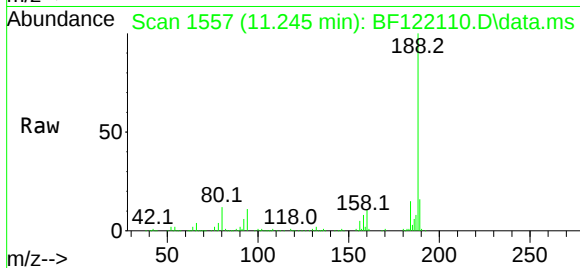
Tgt Ion:188 Resp: 338260

Ion Ratio Lower Upper

188 100

94 11.1 8.3 12.5

80 12.1 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: BF122110.D

Acq: 23 Oct 2020 20:53

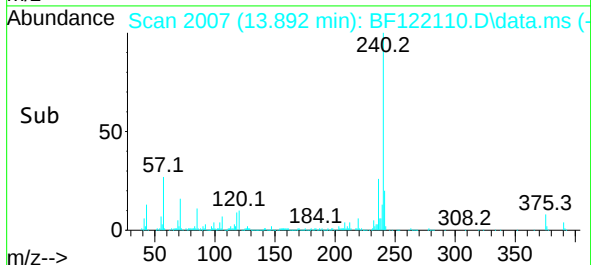
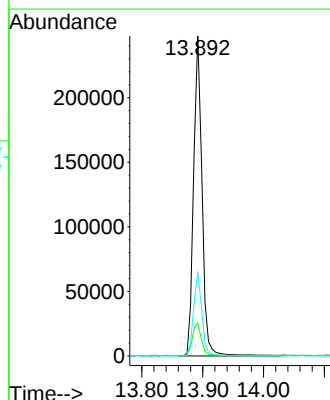
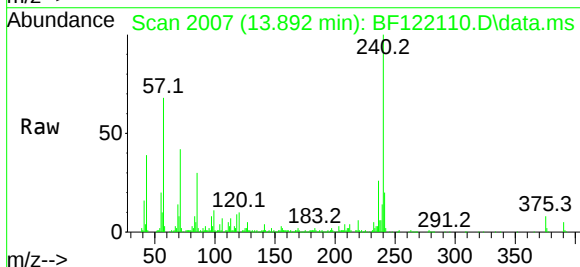
Tgt Ion:240 Resp: 239604

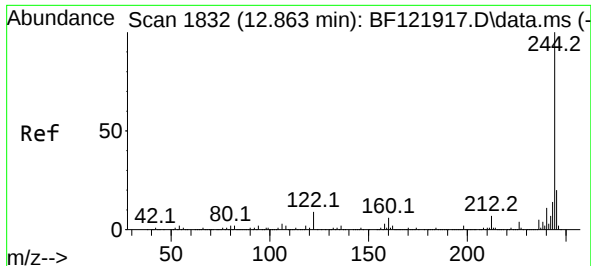
Ion Ratio Lower Upper

240 100

120 10.3 9.2 13.8

236 25.8 20.9 31.3

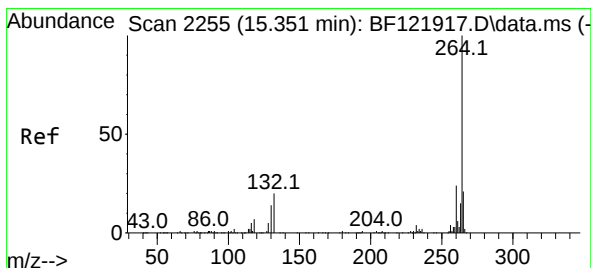
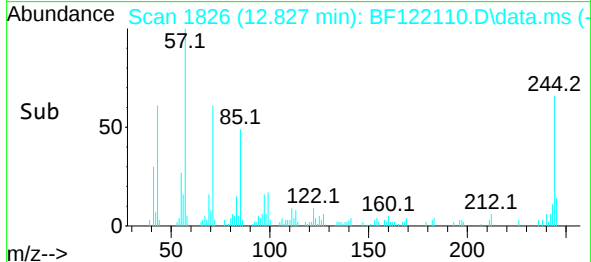
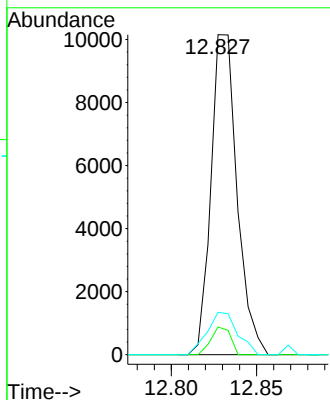
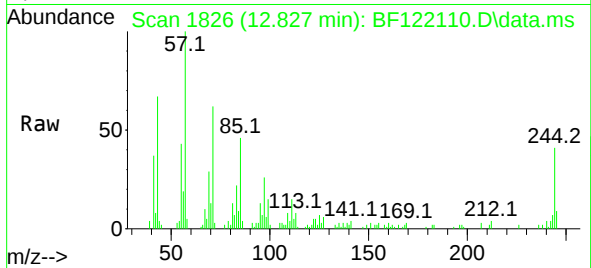




#79
 Terphenyl-d14
 Concen: 0.86 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF122110.D
 Acq: 23 Oct 2020 20:53

Instrument :
 BNA_F
 ClientSampleId :
 D-89

Tgt Ion:244 Resp: 10831
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.4 8.2#
 122 13.2 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: BF122110.D
 Acq: 23 Oct 2020 20:53

Tgt Ion:264 Resp: 241941
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.2 17.3 25.9

