

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122113.D
 Acq On : 23 Oct 2020 22:25
 Operator : JU/CG
 Sample : L4487-06 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-92

Quant Time: Oct 23 23:38:03 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)

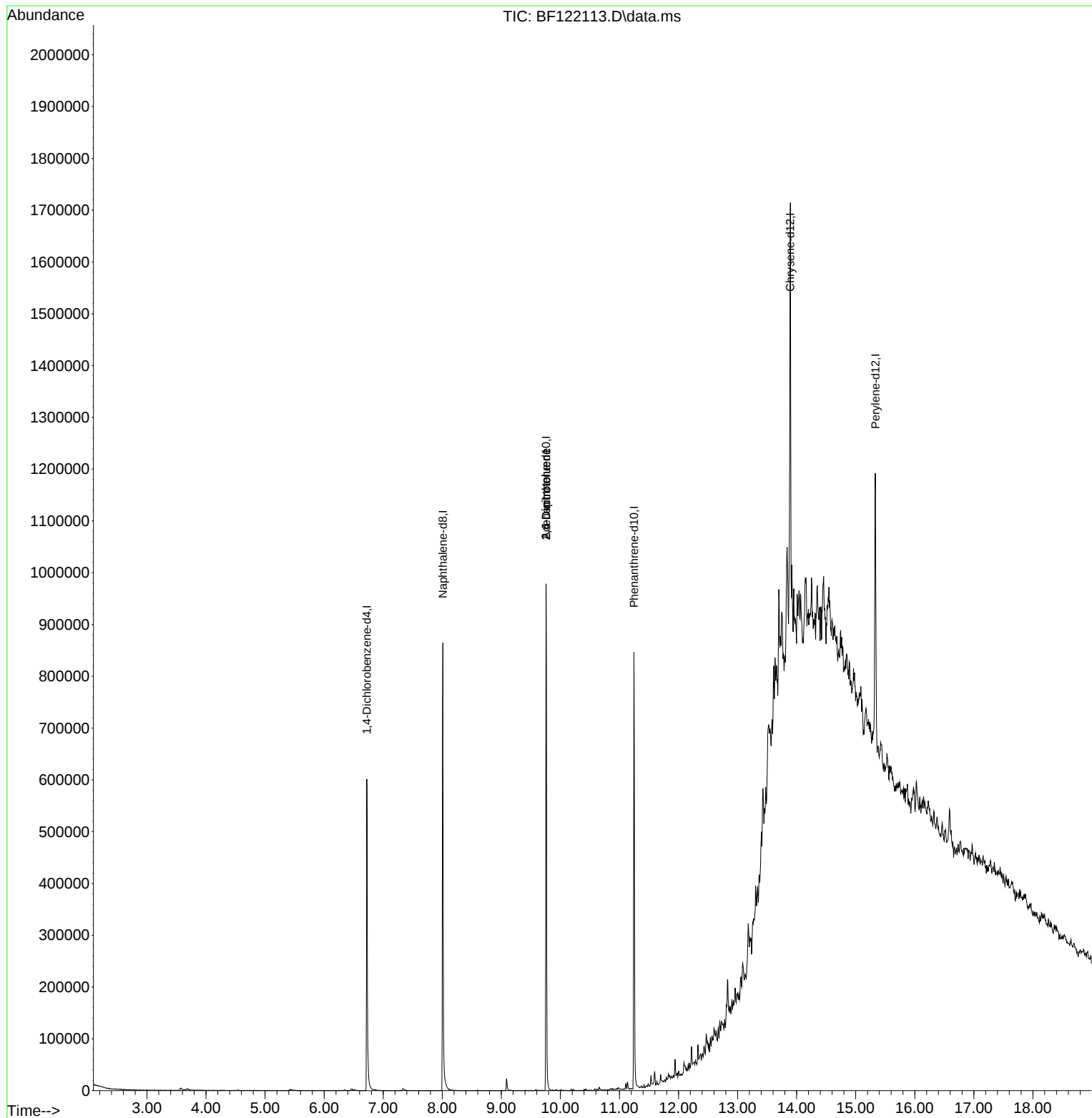
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	101299	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	420959	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	201859	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	328796	20.00	ng	0.00
76) Chrysene-d12	13.892	240	241962	20.00	ng	0.00
86) Perylene-d12	15.333	264	245877	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3450	0.50	ng	0.08
7) Phenol-d6	6.463	99	8229	0.93	ng	0.08
23) Nitrobenzene-d5	7.340	82	5397	0.66	ng	0.04
42) 2,4,6-Tribromophenol	10.586	330	677	0.27	ng	0.03
45) 2-Fluorobiphenyl	9.087	172	13515	0.99	ng	0.00
79) Terphenyl-d14	12.833	244	10908	0.86	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.757	165	25945	8.01	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	25945	6.51	ng	# 19

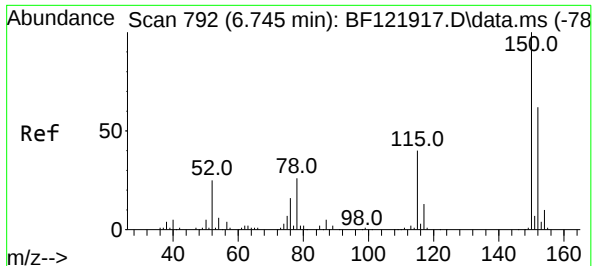
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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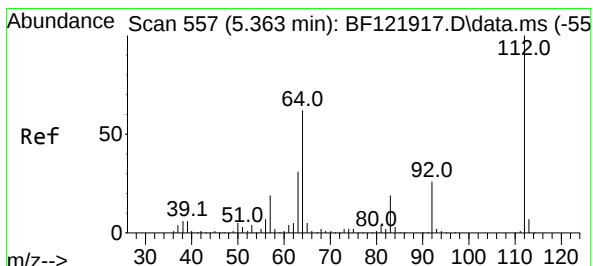
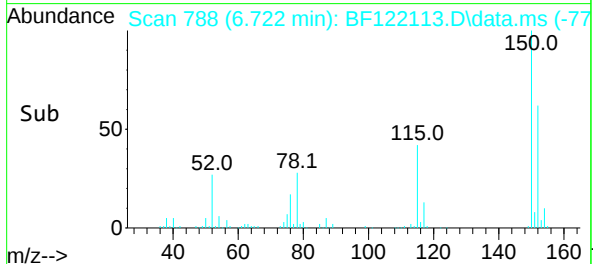
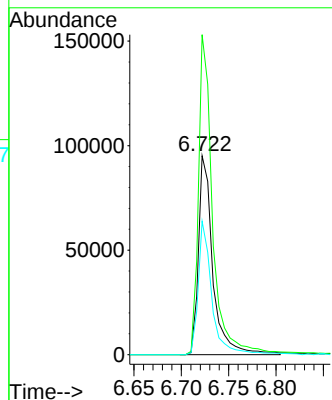
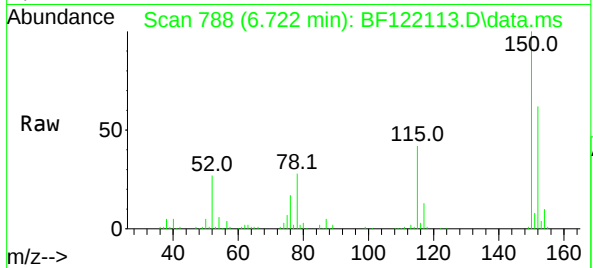




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

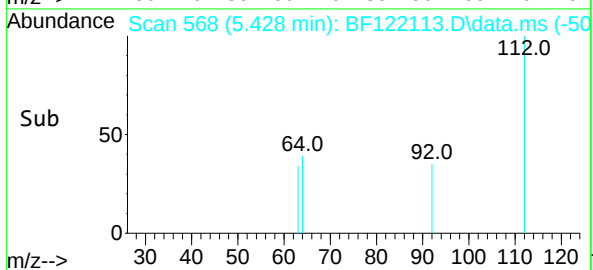
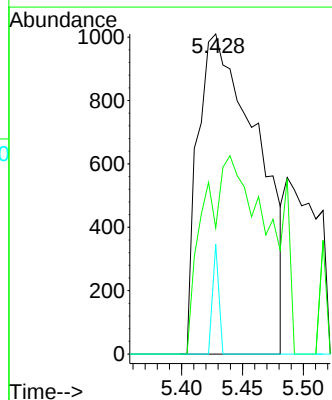
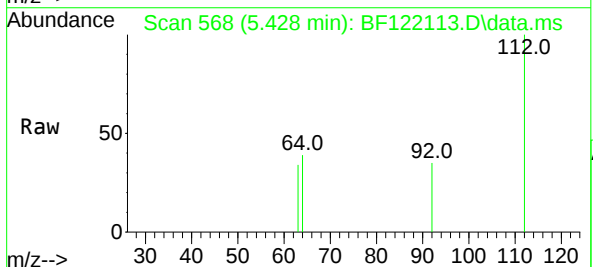
Instrument :
BNA_F
ClientSampleId :
D-92

Tgt Ion:152 Resp: 101299
Ion Ratio Lower Upper
152 100
150 160.9 125.3 187.9
115 67.1 51.9 77.9



#5
2-Fluorophenol
Concen: 0.50 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.082 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

Tgt Ion:112 Resp: 3450
Ion Ratio Lower Upper
112 100
64 39.4 50.4 75.6#
63 34.4 25.8 38.6

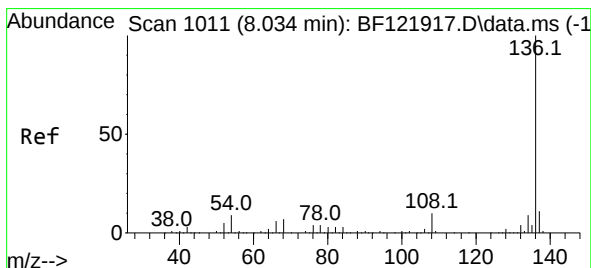
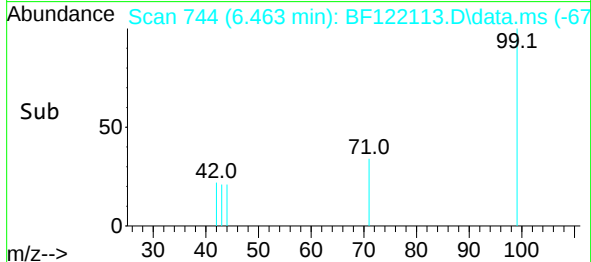
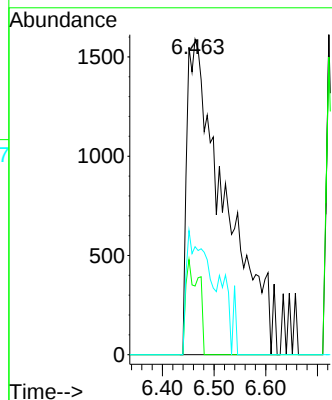
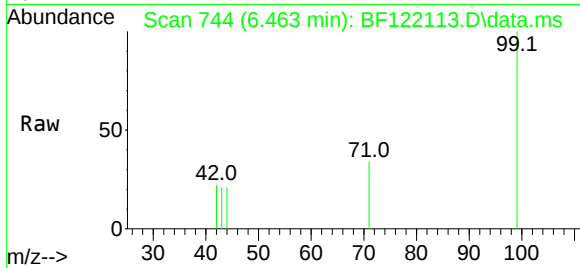




#7
Phenol-d6
Concen: 0.93 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.082 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

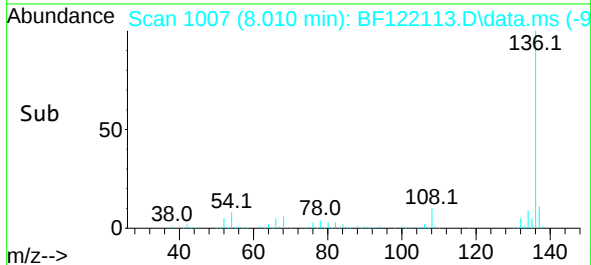
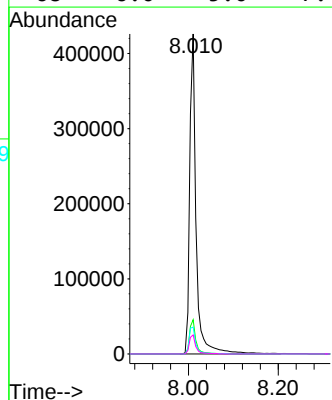
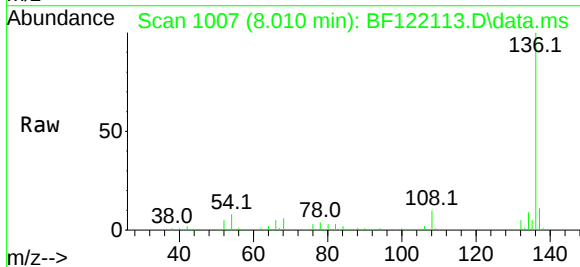
Instrument :
BNA_F
ClientSampleId :
D-92

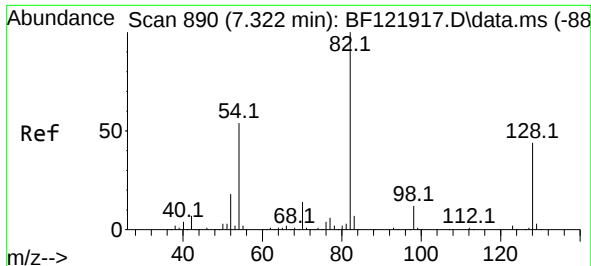
Tgt Ion: 99 Resp: 8229
Ion Ratio Lower Upper
99 100
42 21.8 15.9 23.9
71 34.2 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

Tgt Ion: 136 Resp: 420959
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.66 ng

RT: 7.340 min Scan# 893

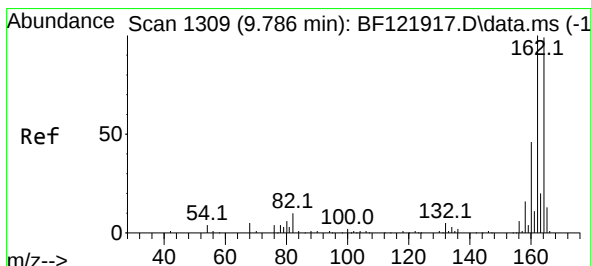
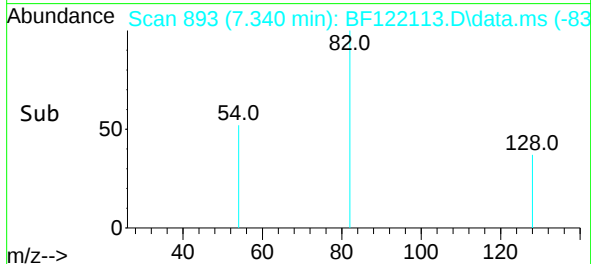
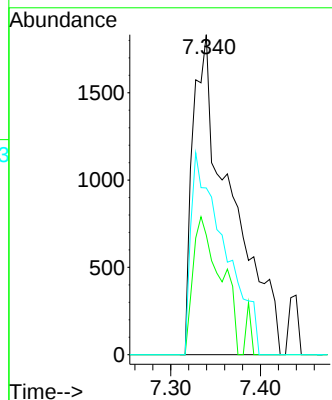
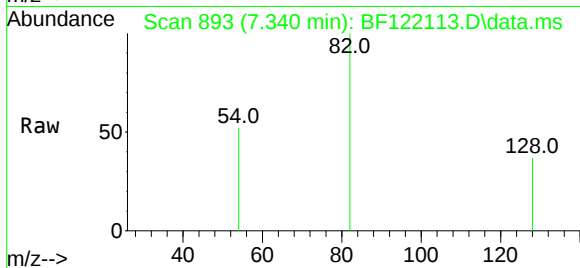
Delta R.T. 0.035 min

Lab File: BF122113.D

Acq: 23 Oct 2020 22:25

Tgt Ion: 82 Resp: 5397

Ion	Ratio	Lower	Upper
82	100		
128	37.4	35.0	52.4
54	52.1	43.9	65.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

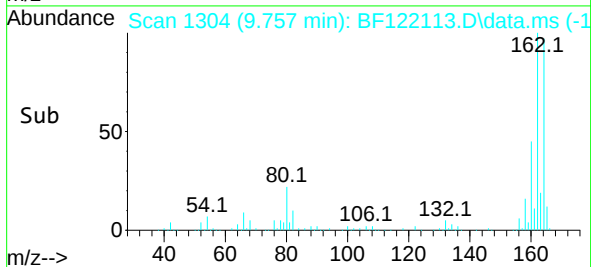
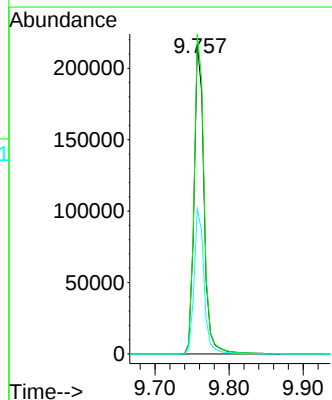
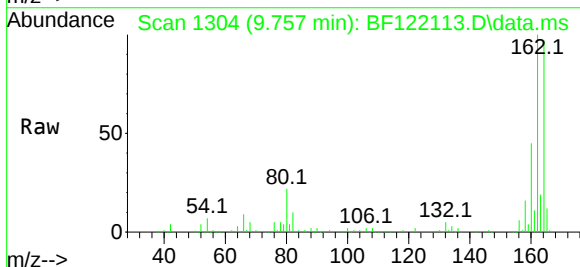
Delta R.T. -0.006 min

Lab File: BF122113.D

Acq: 23 Oct 2020 22:25

Tgt Ion: 164 Resp: 201859

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.2	124.8
160	46.8	37.5	56.3

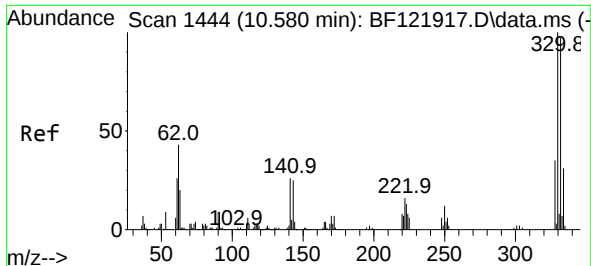


Instrument :

BNA_F

ClientSampleId :

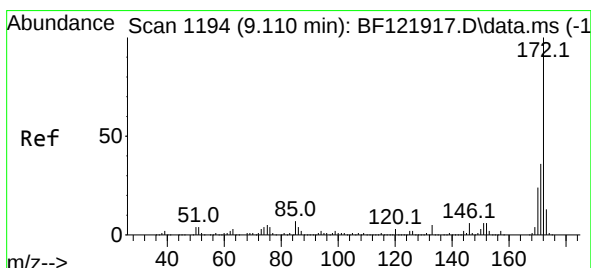
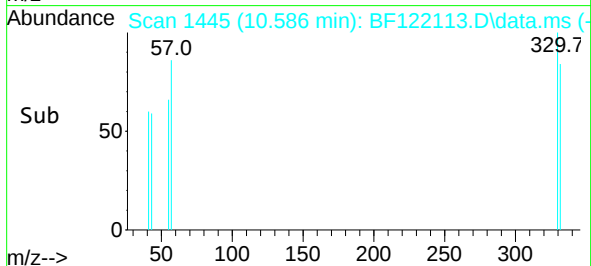
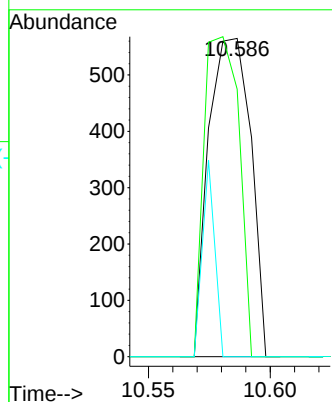
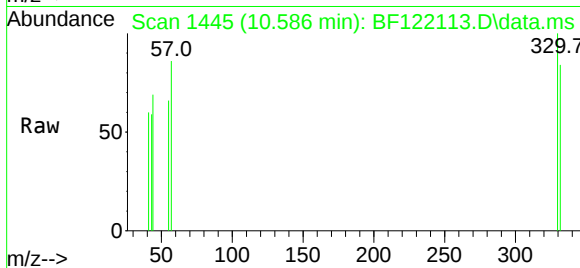
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#42
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.029 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

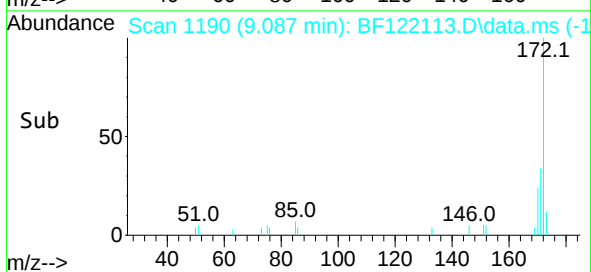
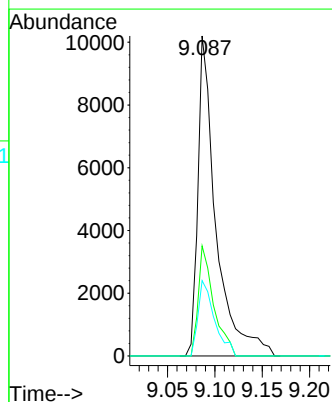
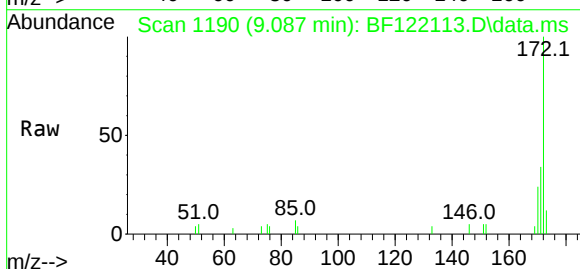
Instrument :
BNA_F
ClientSampleId :
D-92

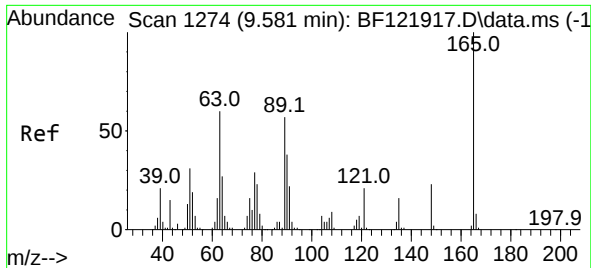
Tgt Ion:330 Resp: 677
Ion Ratio Lower Upper
330 100
332 83.5 77.3 115.9
141 18.2 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

Tgt Ion:172 Resp: 13515
Ion Ratio Lower Upper
172 100
171 34.4 29.1 43.7
170 23.6 19.8 29.6

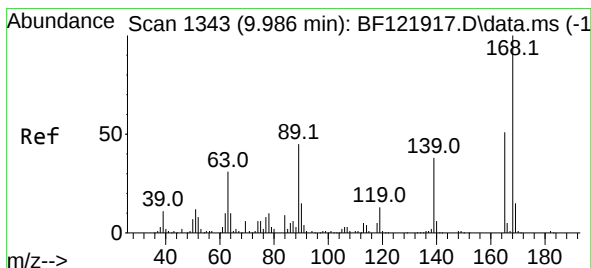
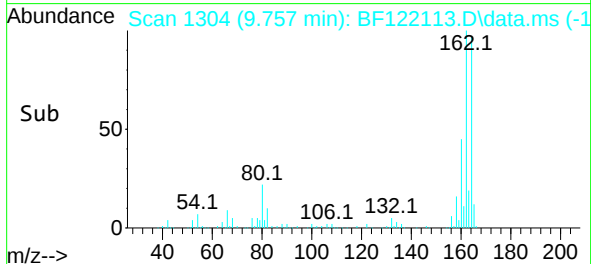
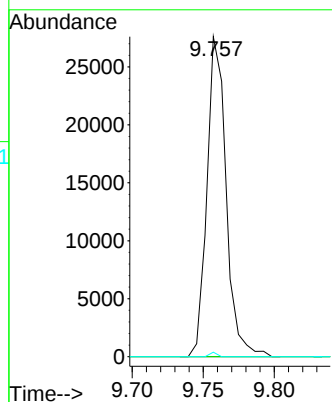
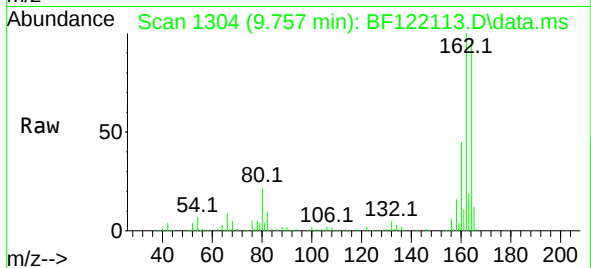




#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

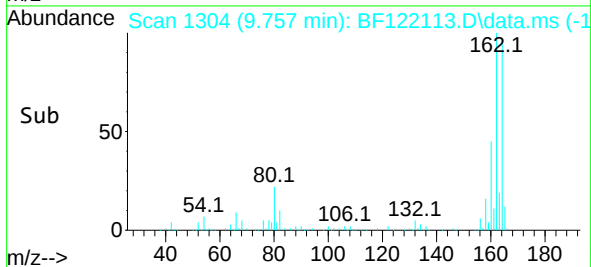
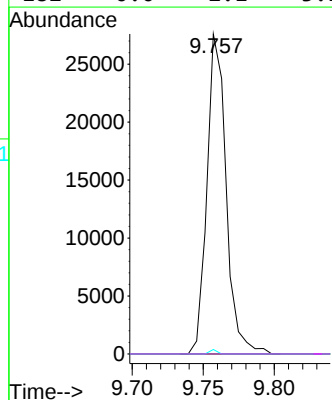
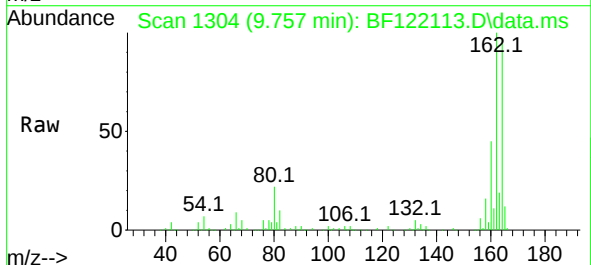
Instrument :
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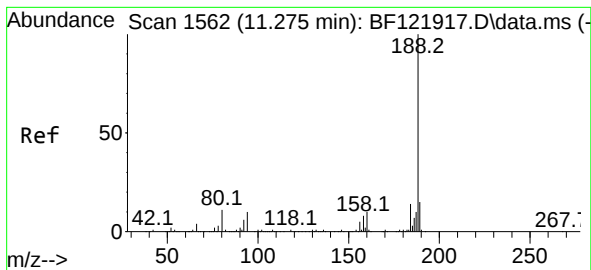
Tgt Ion:165 Resp: 25945
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 1.4 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

Tgt Ion:165 Resp: 25945
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

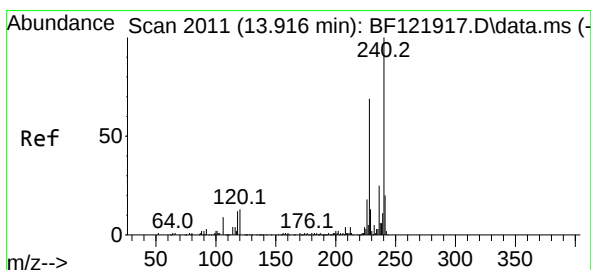
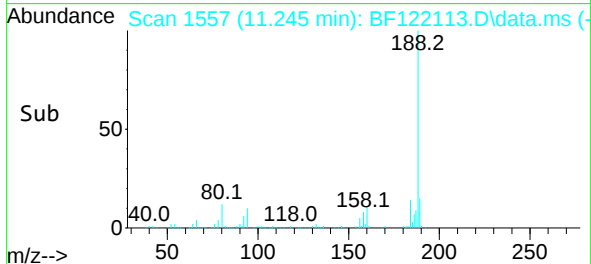
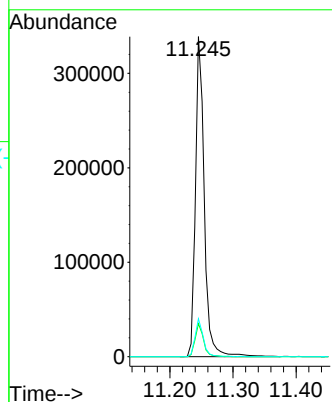
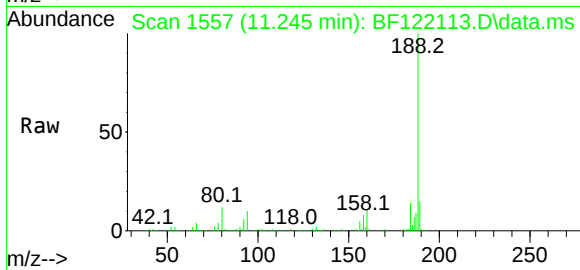




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

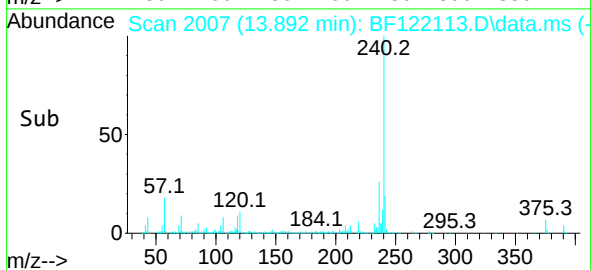
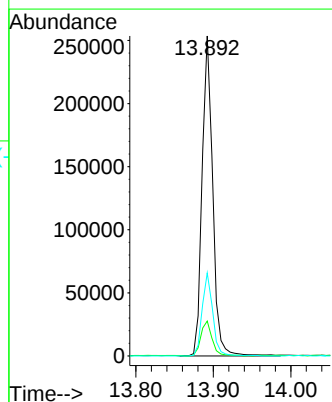
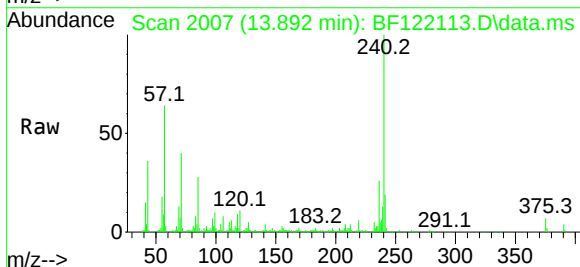
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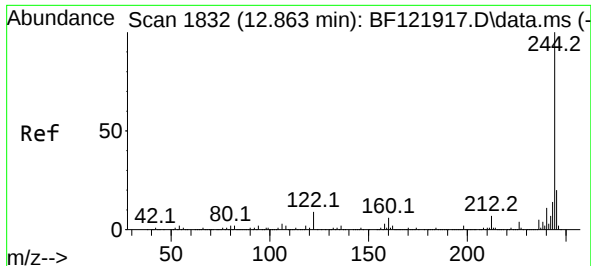
Tgt Ion:188 Resp: 328796
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122113.D
Acq: 23 Oct 2020 22:25

Tgt Ion:240 Resp: 241962
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.9 20.9 31.3

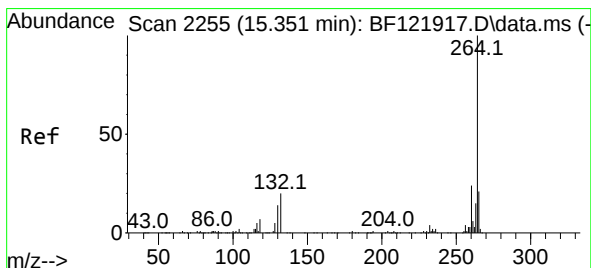
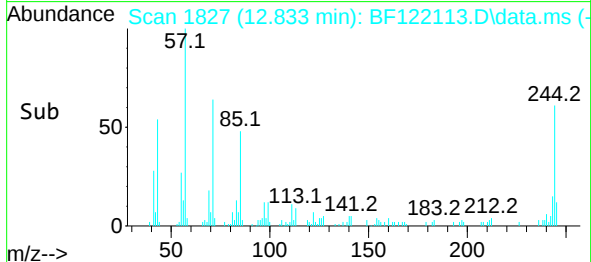
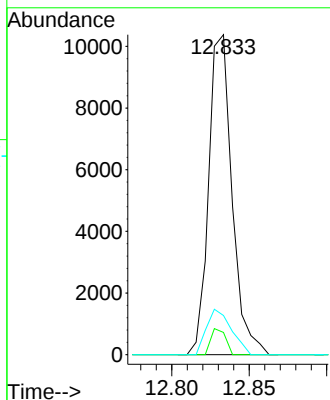
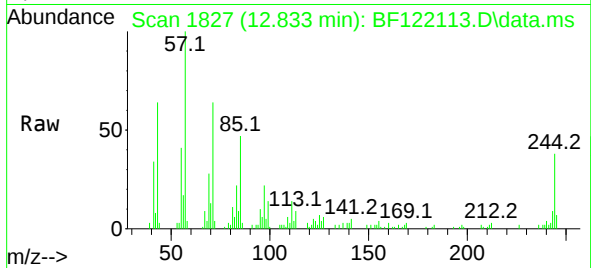




#79
 Terphenyl-d14
 Concen: 0.86 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF122113.D
 Acq: 23 Oct 2020 22:25

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 10908
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 12.3 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: BF122113.D
 Acq: 23 Oct 2020 22:25

Tgt Ion:264 Resp: 245877
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 20.7 17.3 25.9

