

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122066.D
 Acq On : 21 Oct 2020 20:48
 Operator : JU/CG
 Sample : L4458-02 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

Quant Time: Oct 22 00:33:42 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)

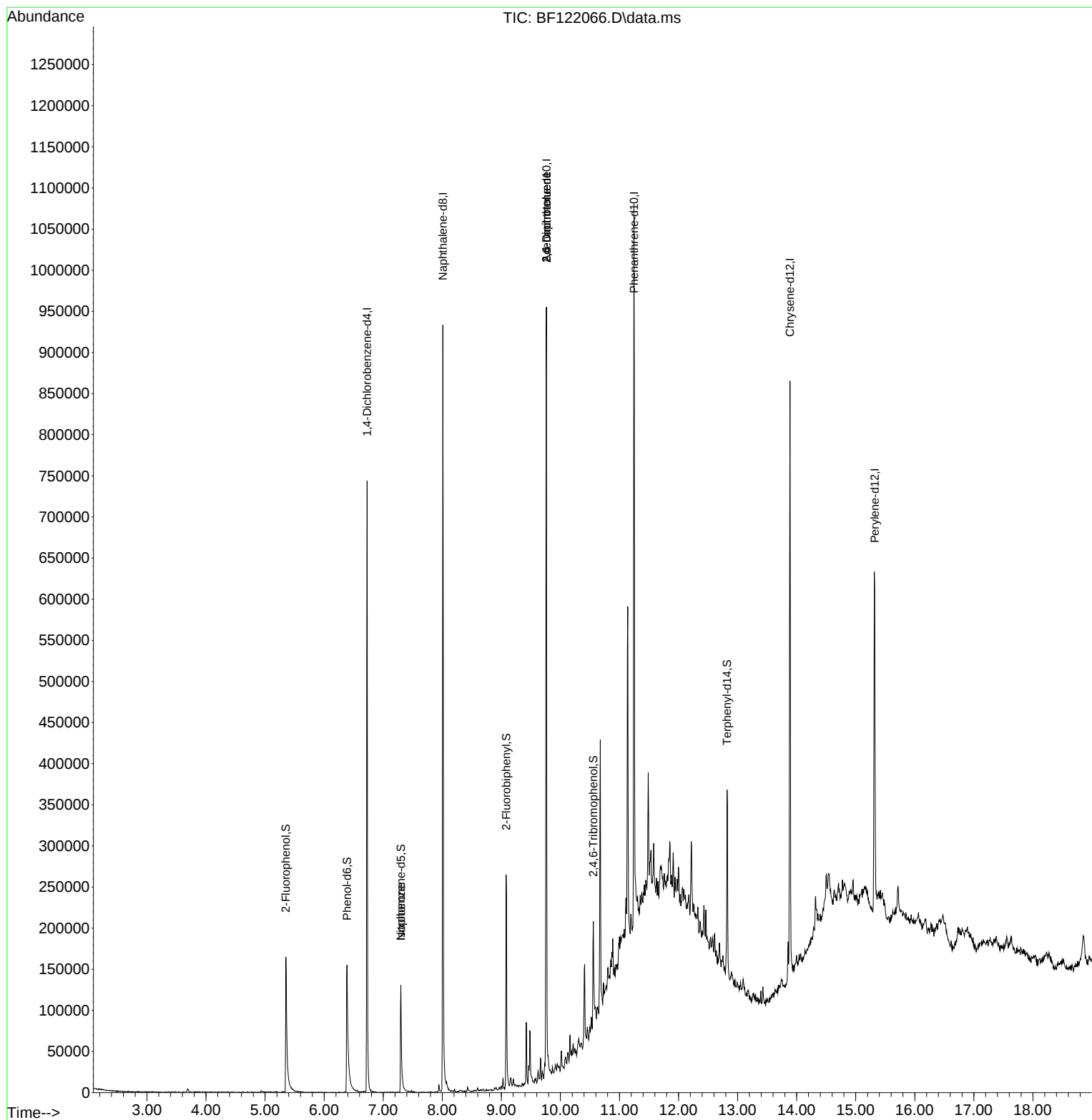
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	111607	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	424360	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	196519	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	309556	20.00	ng	0.00
76) Chrysene-d12	13.886	240	253153	20.00	ng	0.00
86) Perylene-d12	15.321	264	202622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	78376	10.36	ng	0.00
7) Phenol-d6	6.387	99	102245	10.50	ng	0.00
23) Nitrobenzene-d5	7.298	82	60183	7.27	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	18311	7.53	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	98155	7.35	ng	0.00
79) Terphenyl-d14	12.822	244	68118	5.13	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.298	82	60182	3.85	ng	# 67
51) 2,6-Dinitrotoluene	9.763	165	25328	8.04	ng	# 21
57) 2,4-Dinitrotoluene	9.763	165	25328	6.53	ng	# 21

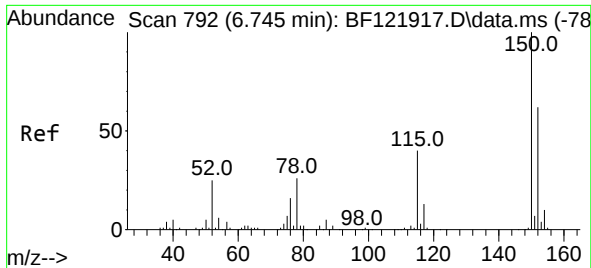
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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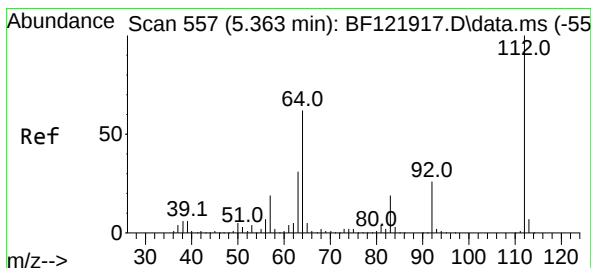
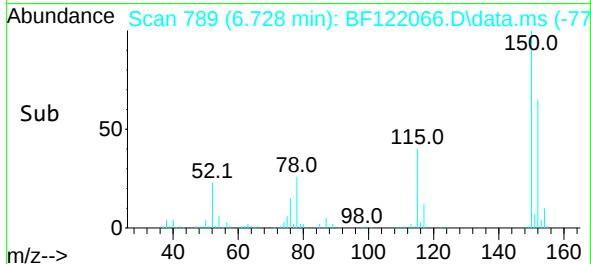
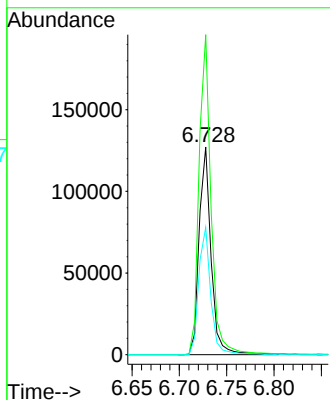
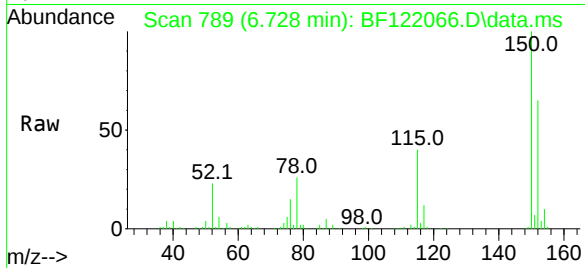




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: BF122066.D
 Acq: 21 Oct 2020 20:48

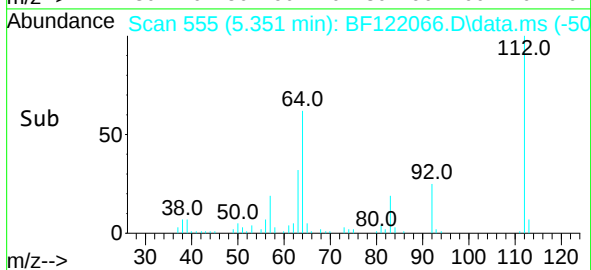
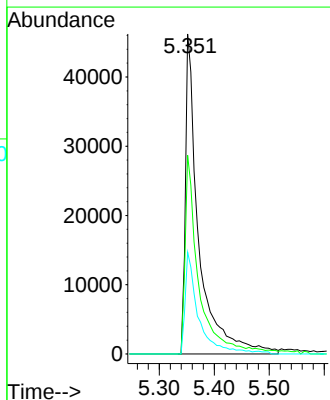
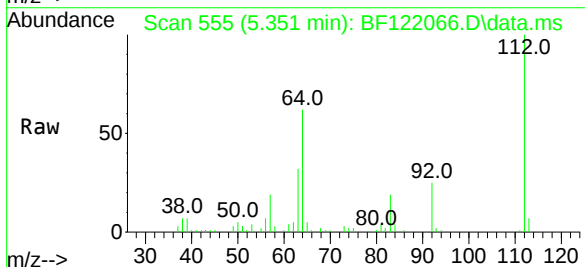
Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

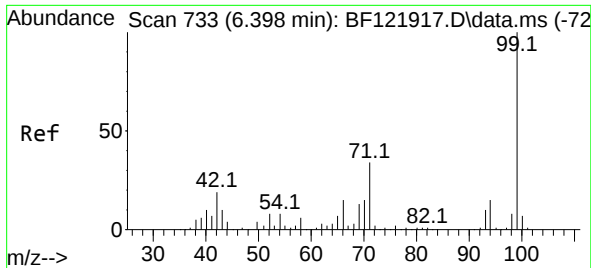
Tgt Ion:152 Resp: 111607
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.3 187.9
 115 61.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 10.36 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF122066.D
 Acq: 21 Oct 2020 20:48

Tgt Ion:112 Resp: 78376
 Ion Ratio Lower Upper
 112 100
 64 62.1 50.4 75.6
 63 31.8 25.8 38.6

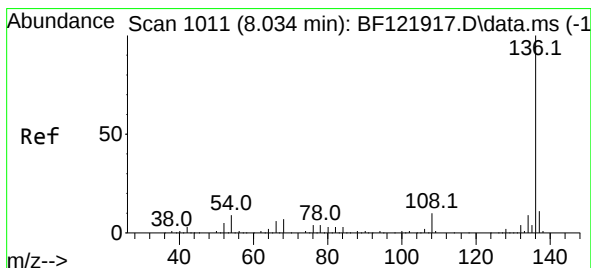
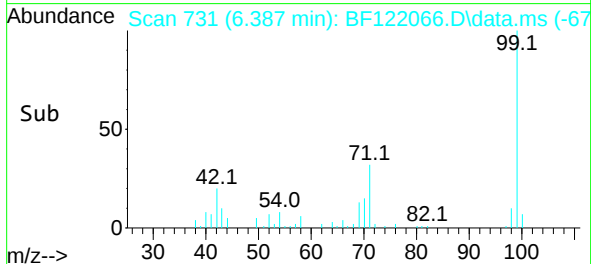
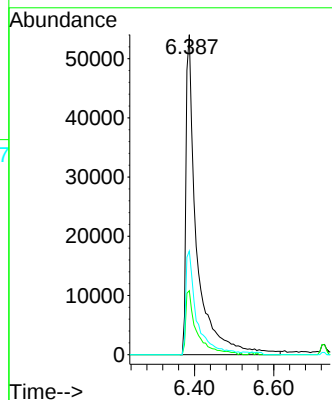
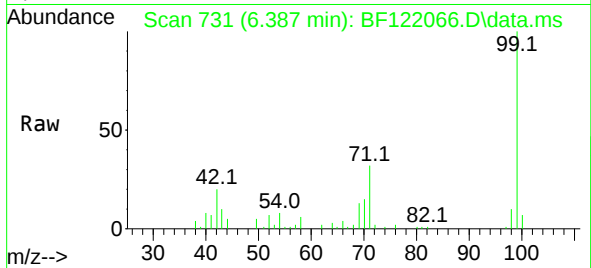




#7
Phenol-d6
Concen: 10.50 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

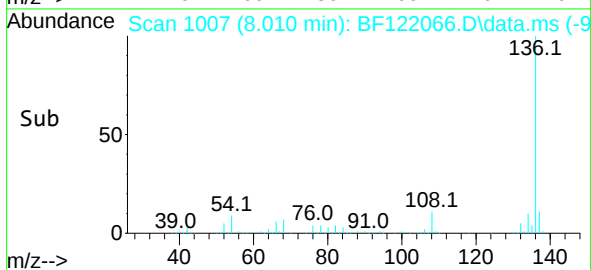
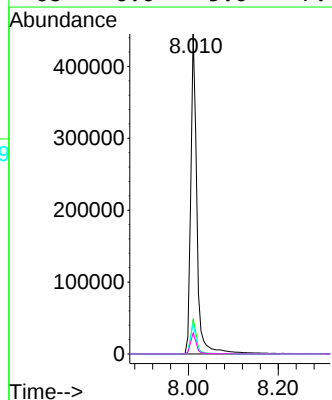
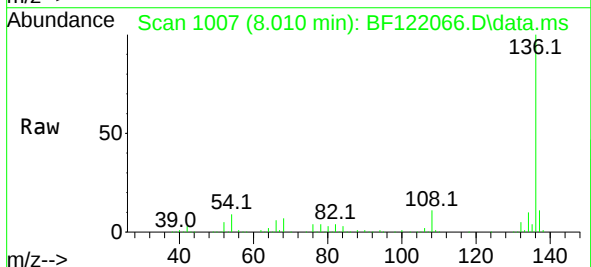
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

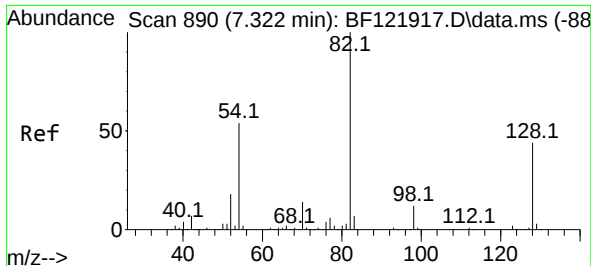
Tgt Ion: 99 Resp: 102245
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 32.4 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

Tgt Ion:136 Resp: 424360
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 7.1 10.7
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 7.27 ng

RT: 7.298 min Scan# 886

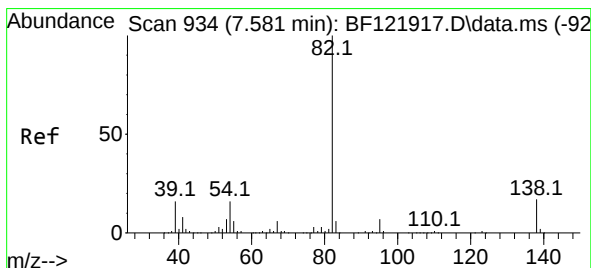
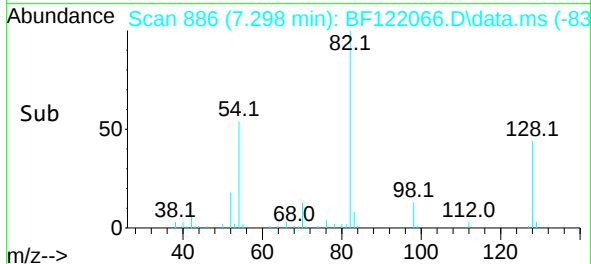
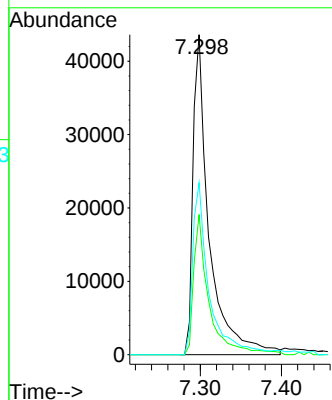
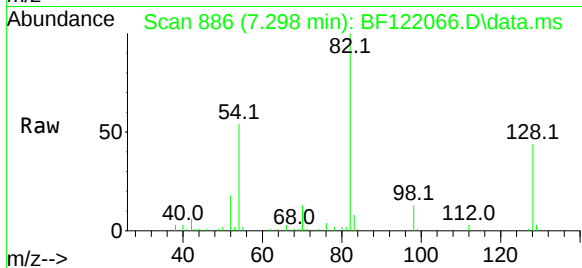
Delta R.T. -0.006 min

Lab File: BF122066.D

Acq: 21 Oct 2020 20:48

Tgt Ion: 82 Resp: 60183

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.4
54	53.7	43.9	65.9



#25

Isophorone

Concen: 3.85 ng

RT: 7.298 min Scan# 886

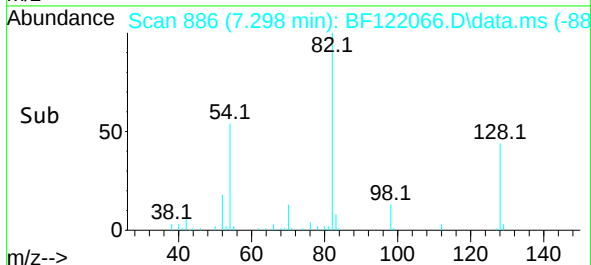
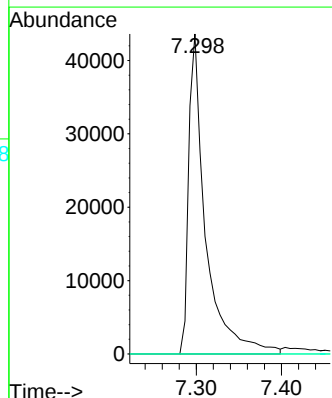
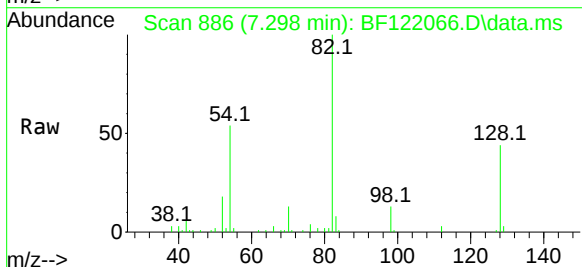
Delta R.T. -0.265 min

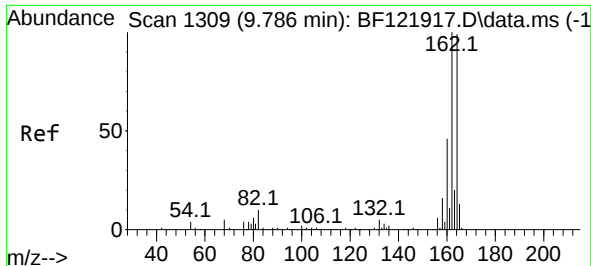
Lab File: BF122066.D

Acq: 21 Oct 2020 20:48

Tgt Ion: 82 Resp: 60182

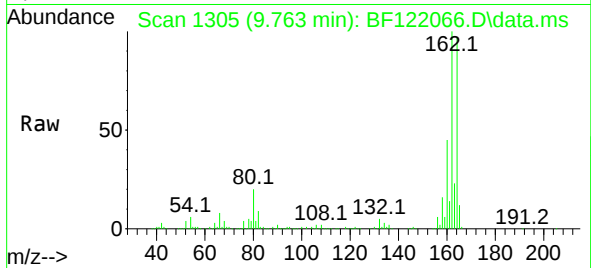
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#



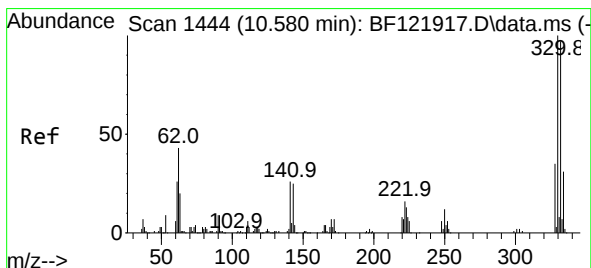
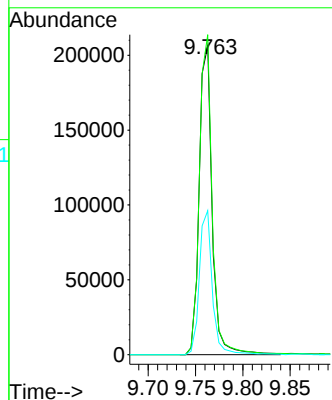
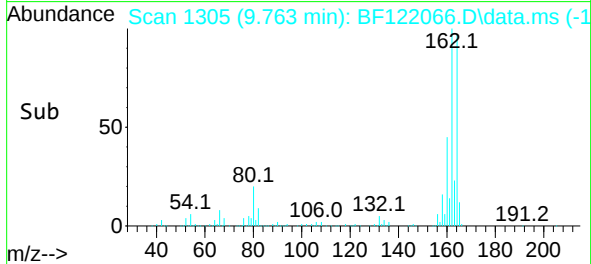


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

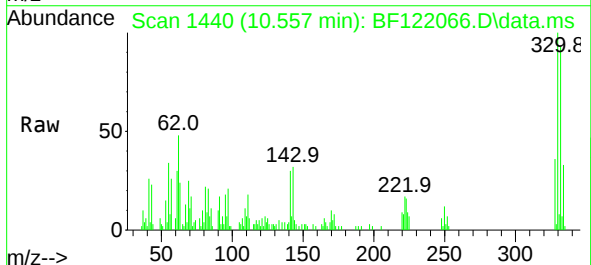
Instrument :
BNA_F
ClientSampleId :
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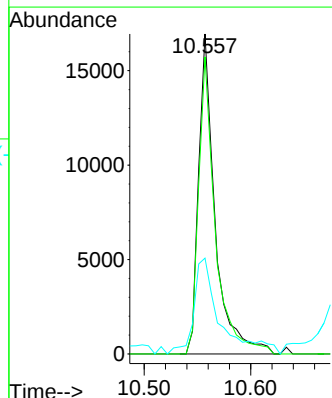
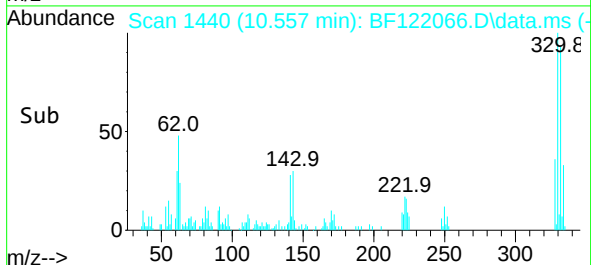
Tgt Ion:164 Resp: 196519
Ion Ratio Lower Upper
164 100
162 103.6 83.2 124.8
160 46.6 37.5 56.3

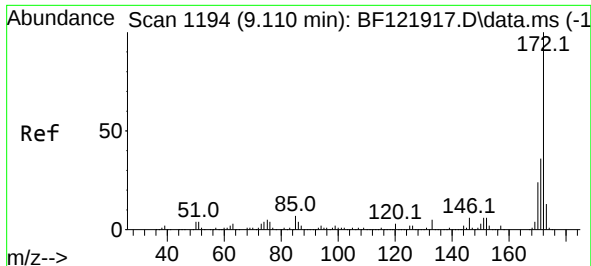


#42
2,4,6-Tribromophenol
Concen: 7.53 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48



Tgt Ion:330 Resp: 18311
Ion Ratio Lower Upper
330 100
332 93.9 77.3 115.9
141 46.9 22.3 33.5#

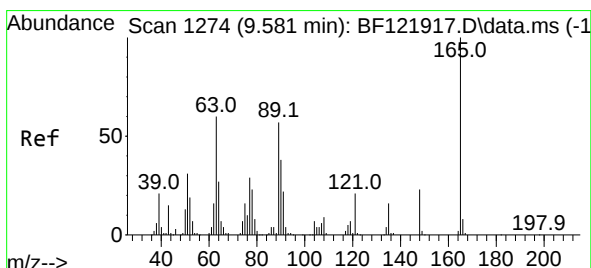
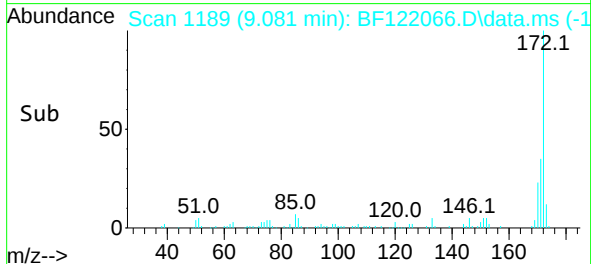
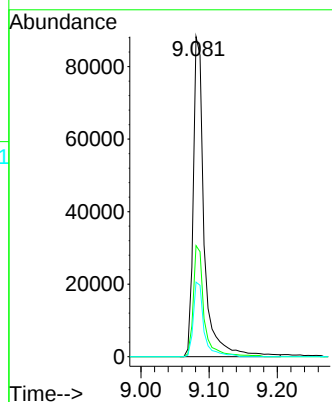
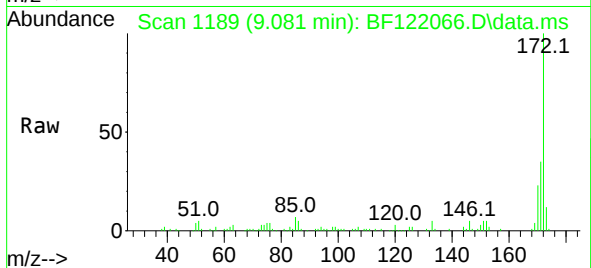




#45
2-Fluorobiphenyl
Concen: 7.35 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

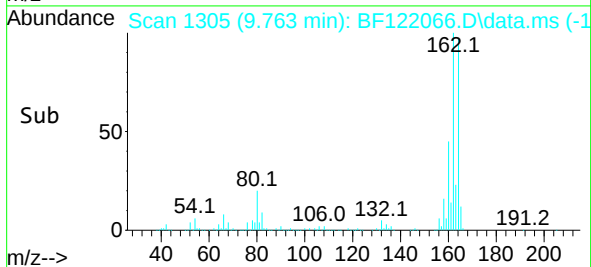
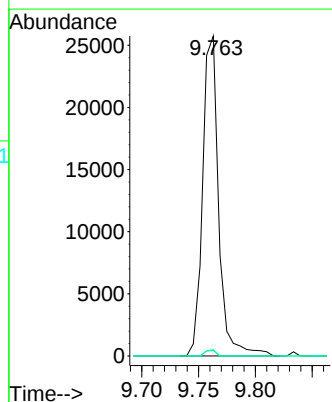
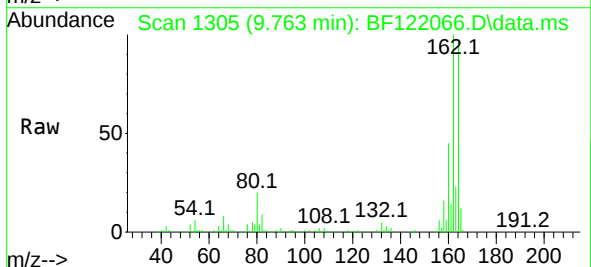
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

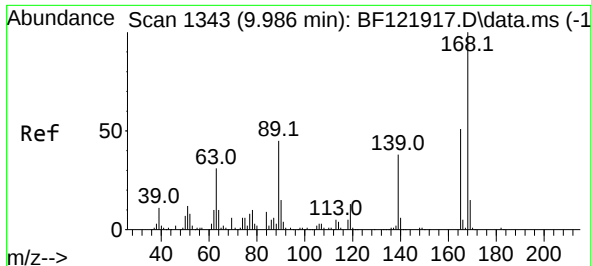
Tgt Ion:172 Resp: 98155
Ion Ratio Lower Upper
172 100
171 34.7 29.1 43.7
170 23.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.200 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

Tgt Ion:165 Resp: 25328
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.6#
89 2.0 49.0 73.6#

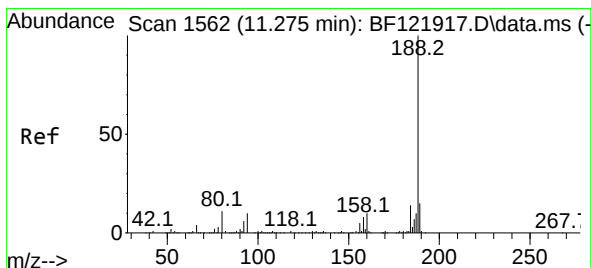
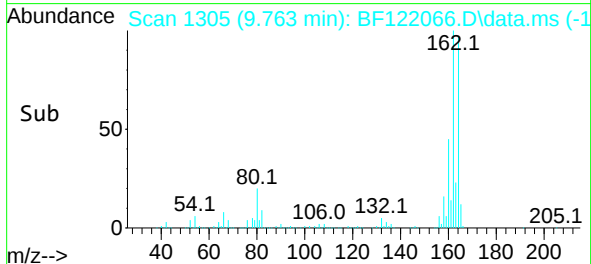
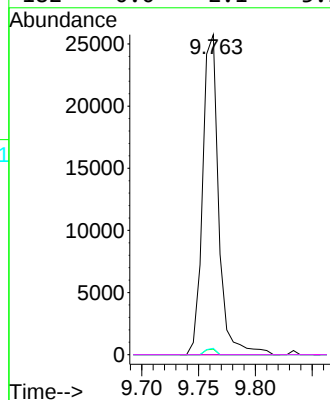
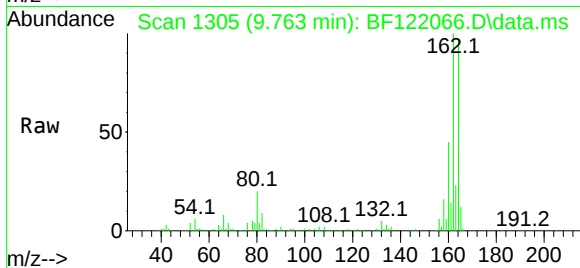




#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.212 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

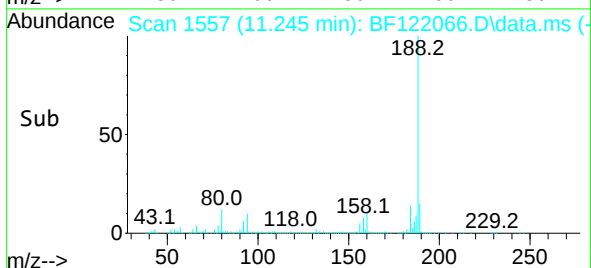
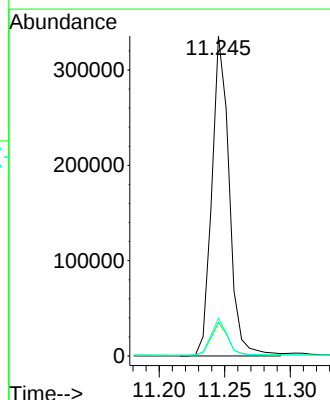
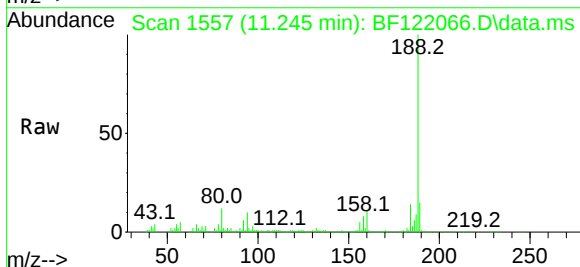
Instrument :
BNA_F
ClientSampleId :
BS-DRUM

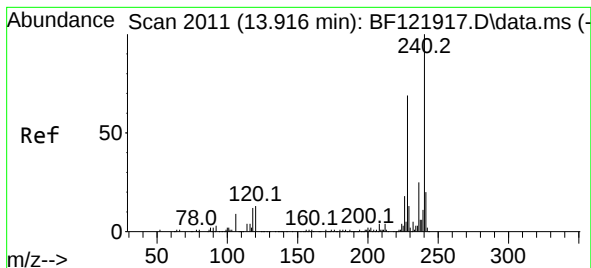
Tgt Ion:165	Resp:	25328
Ion Ratio	Lower	Upper
165	100	
63	1.7	41.3 61.9#
89	2.0	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122066.D
Acq: 21 Oct 2020 20:48

Tgt Ion:188	Resp:	309556
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.3 12.5
80	11.9	9.1 13.7





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF122066.D

Acq: 21 Oct 2020 20:48

Tgt Ion:240 Resp: 253153

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

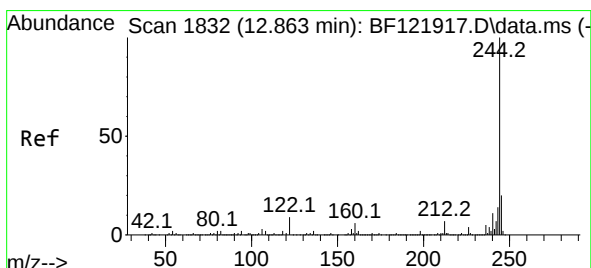
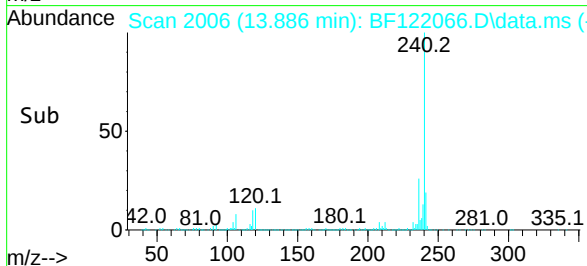
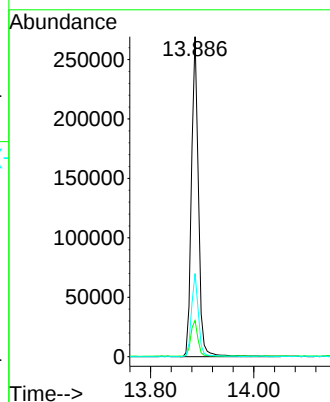
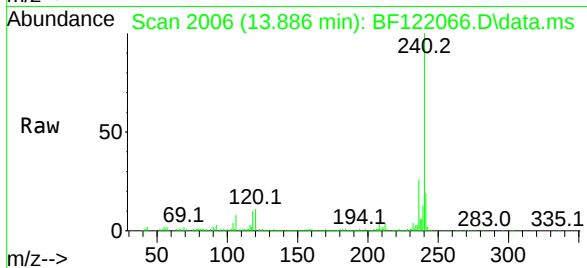
236 26.0 20.9 31.3

Instrument :

BNA_F

ClientSampleId :

BS-DRUM



#79

Terphenyl-d14

Concen: 5.13 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF122066.D

Acq: 21 Oct 2020 20:48

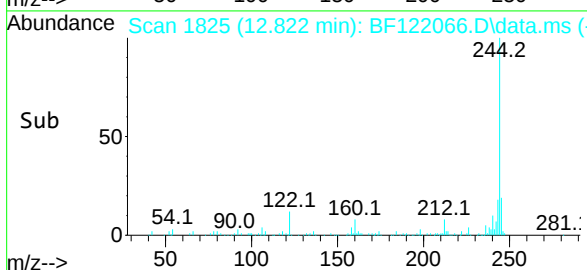
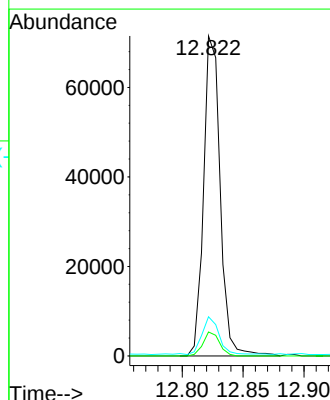
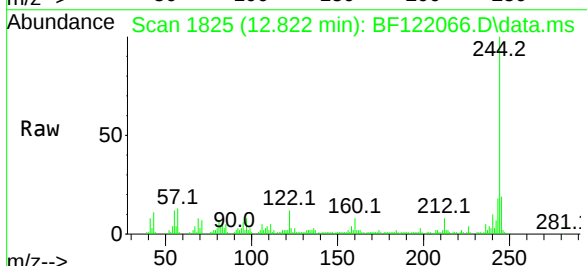
Tgt Ion:244 Resp: 68118

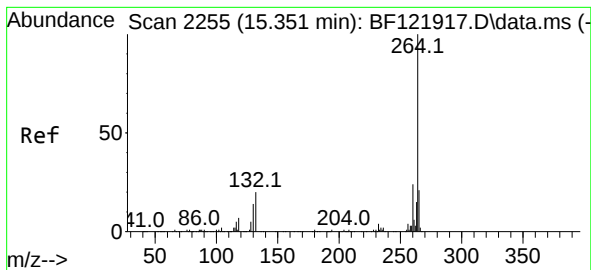
Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

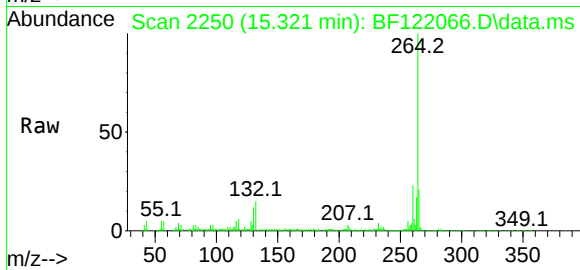
122 12.3 8.1 12.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.006 min
 Lab File: BF122066.D
 Acq: 21 Oct 2020 20:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM



Tgt Ion:264 Resp: 202622
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 20.7 17.3 25.9

