

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120903.D
 Acq On : 16 Jul 2020 23:52
 Operator : JU/CG
 Sample : L3308-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11

Quant Time: Jul 17 05:37:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

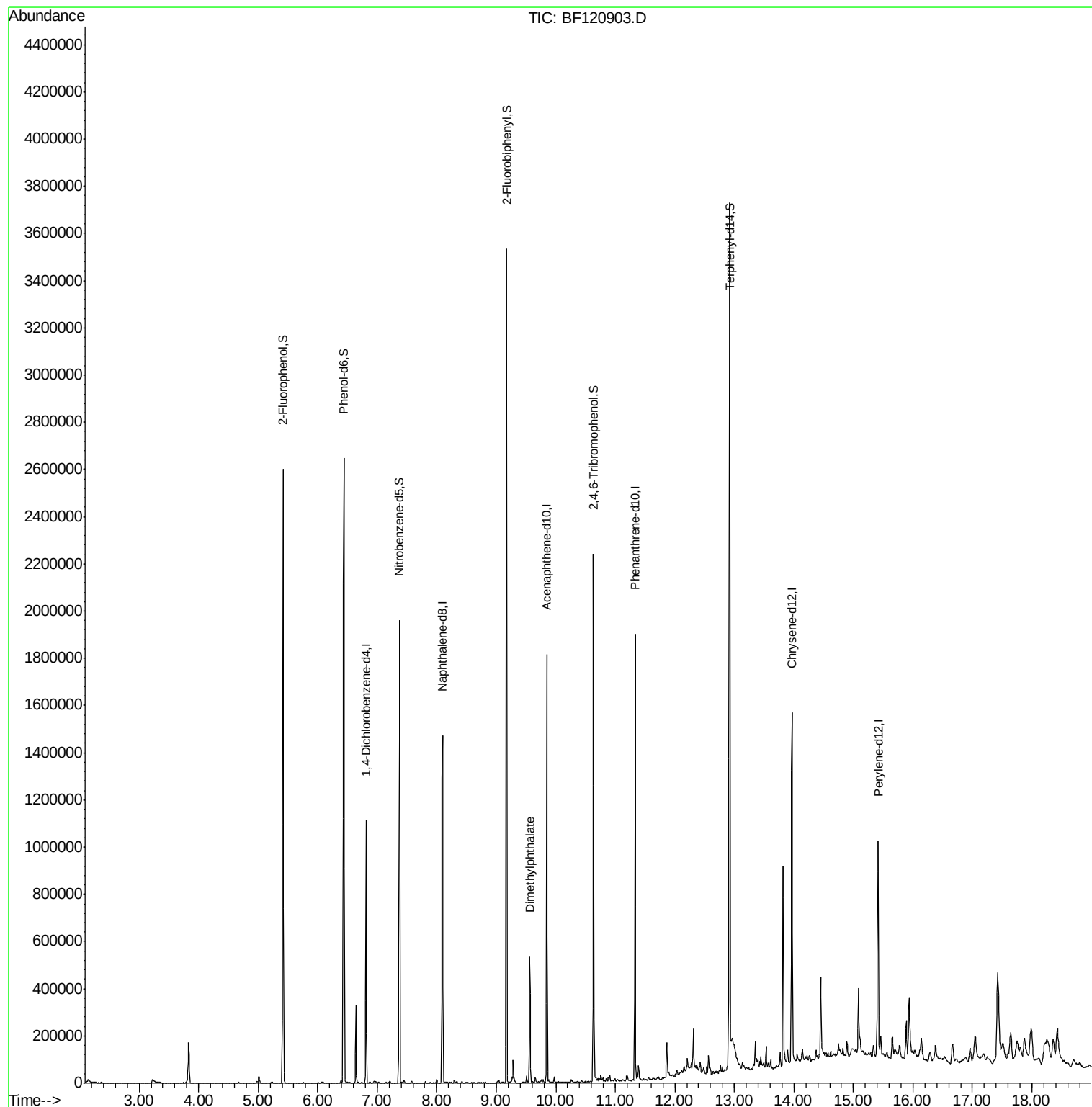
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	167443	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	641037	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	338214	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	647185	20.00	ng	0.00
76) Chrysene-d12	13.97	240	492474	20.00	ng	0.00
86) Perylene-d12	15.42	264	407870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	760701	74.48	ng	0.00
7) Phenol-d6	6.44	99	947188	71.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	568215	51.29	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	285614	77.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1071111	47.28	ng	0.00
79) Terphenyl-d14	12.92	244	1162609	51.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	192515	7.890	ng	Qvalue 99

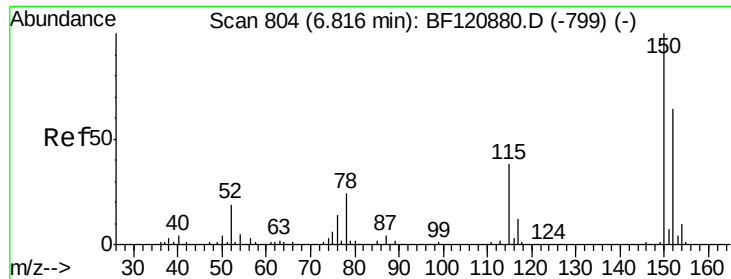
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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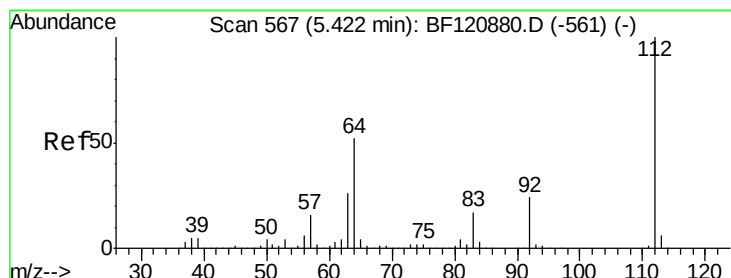
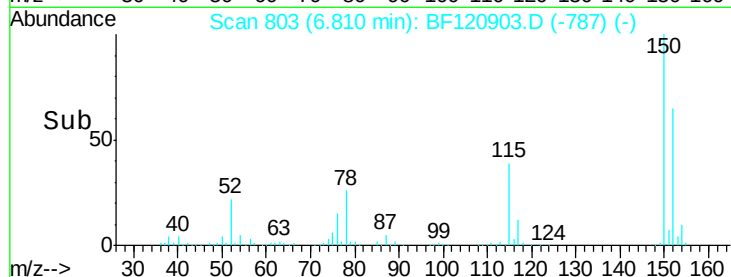
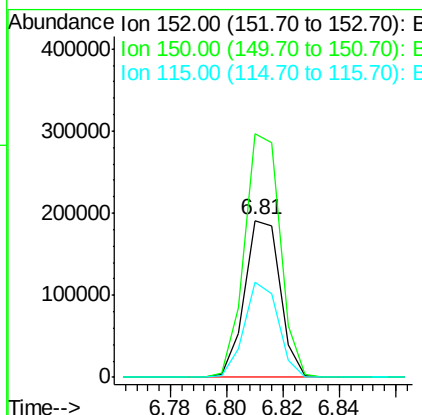
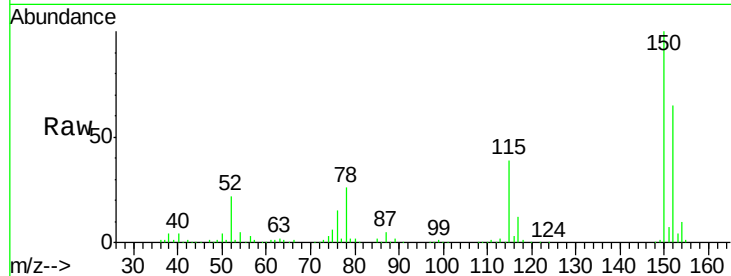


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Instrument :
BNA_F
ClientSampleId :
11

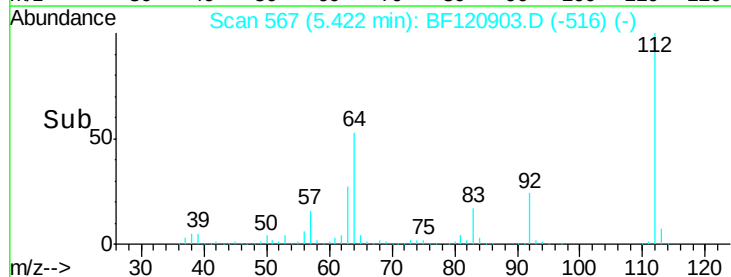
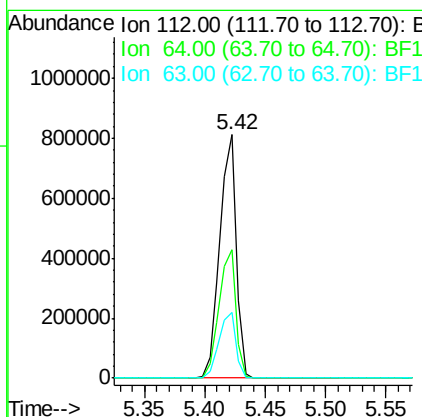
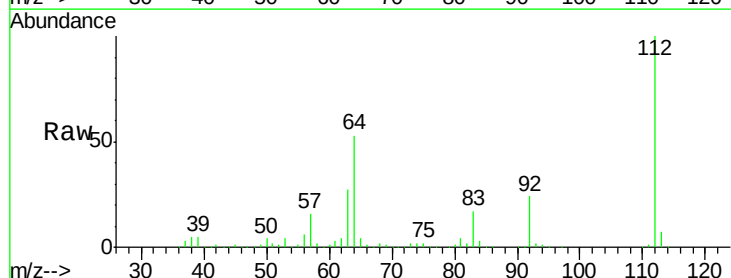
Tot Ion:152 Resp: 167443
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.6
115 60.3 47.0 70.4

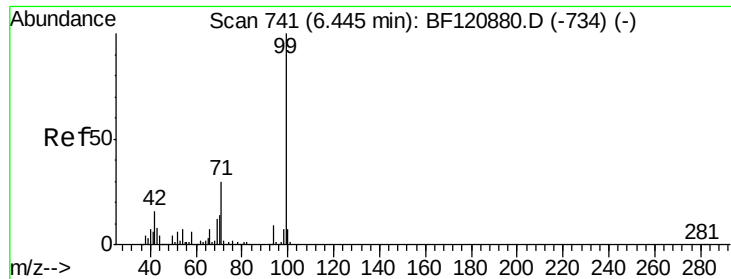


#5

2-Fluorophenol
Concen: 74.477 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Tgt Ion:112 Resp: 760701
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 26.9 21.1 31.7





#7

Phenol-d6

Concen: 71.790 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Instrument :

BNA_F

ClientSampled :

11

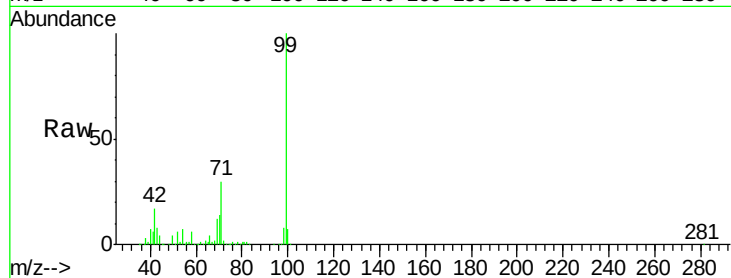
Tot Ion: 99 Resp: 947188

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.1	19.7
71	30.2	24.2	36.4

99 100

42 16.5 13.1 19.7

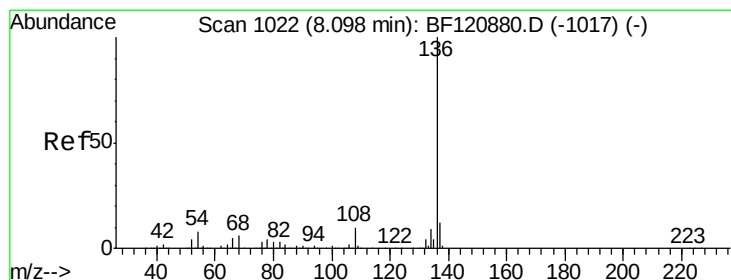
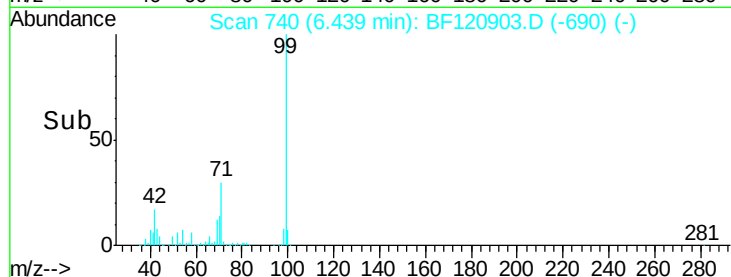
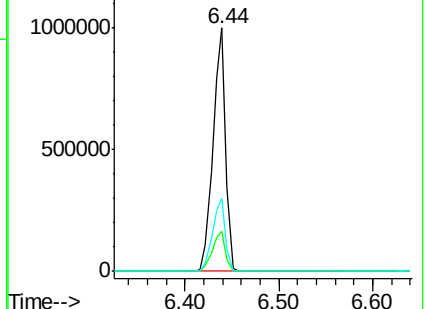
71 30.2 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Tgt Ion: 136 Resp: 641037

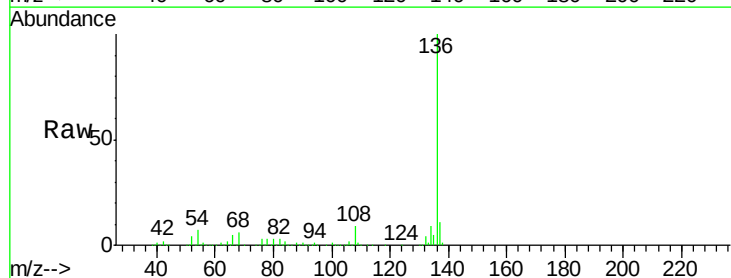
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.7	6.3	9.5
68	5.6	5.0	7.4

136 100

137 10.9 9.3 13.9

54 6.7 6.3 9.5

68 5.6 5.0 7.4

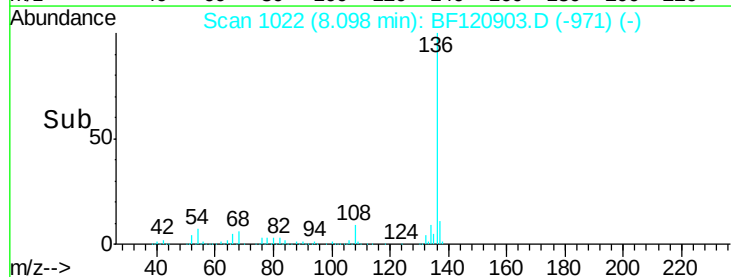
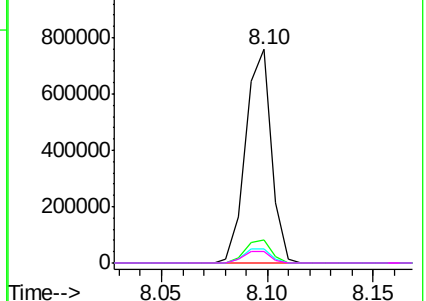


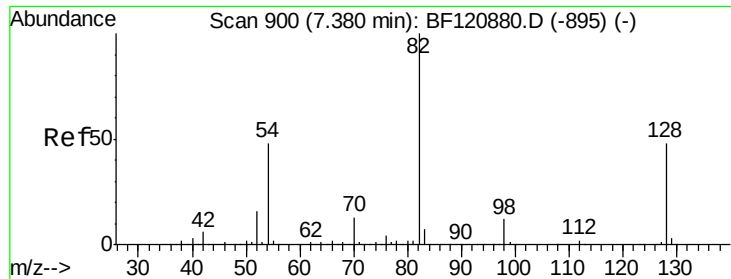
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

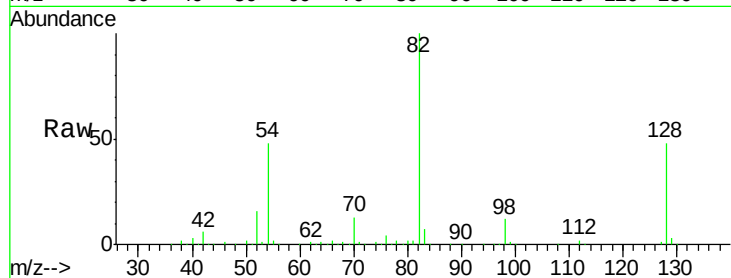




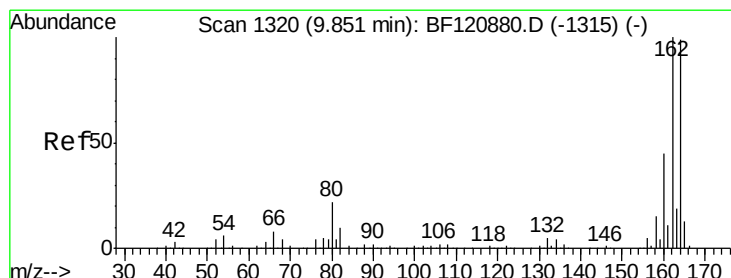
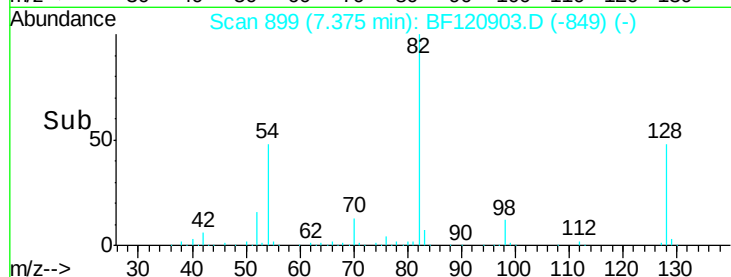
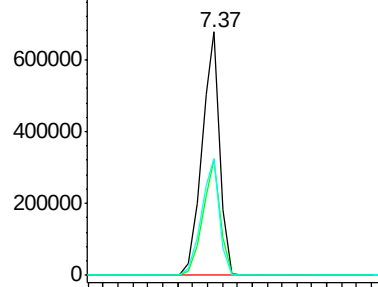
#23
 Nitrobenzene-d5
 Concen: 51.290 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	82	Resp	568215
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
128	47.7		
54	48.0		
	38.7		
	58.1		

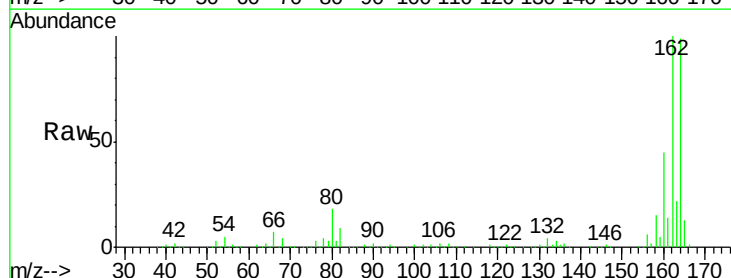


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

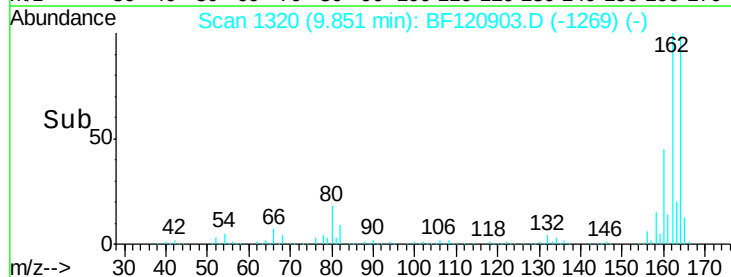
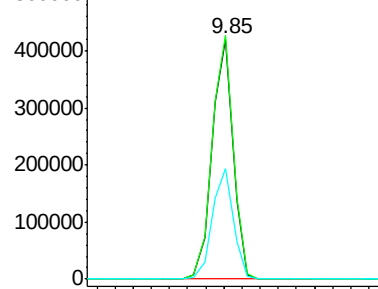


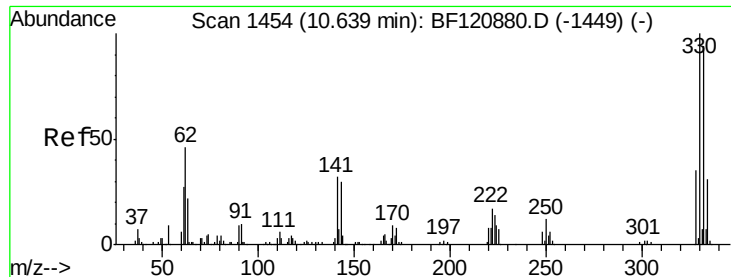
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Tgt Ion	164	Resp	338214
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	101.3		
160	45.8		
	36.9		
	55.3		



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

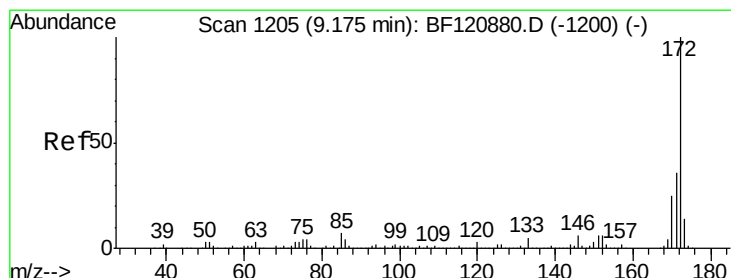
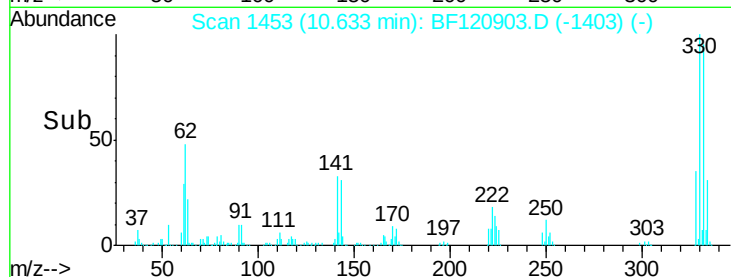
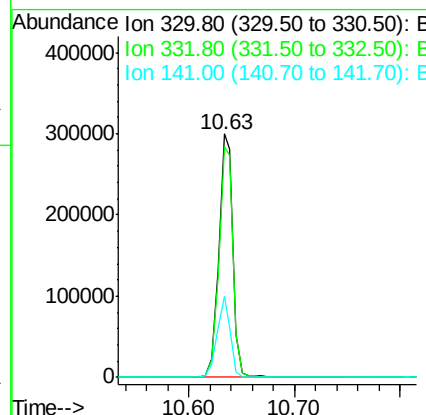
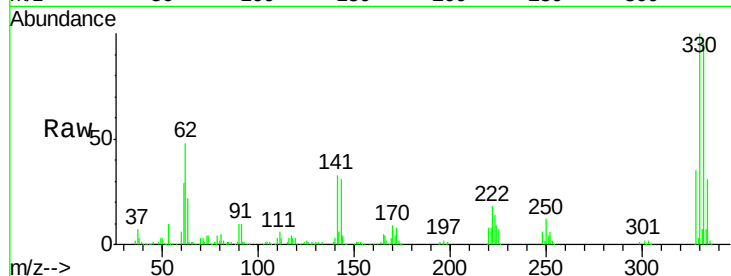




#42
 2,4,6-Tribromophenol
 Concen: 77.149 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

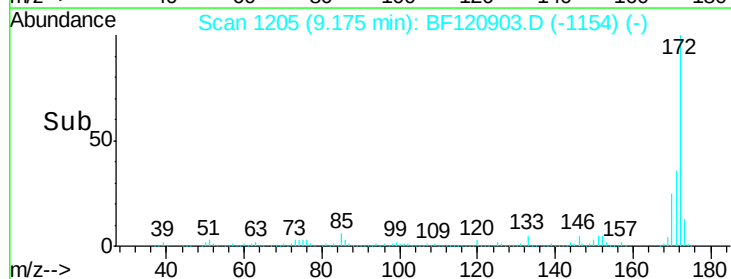
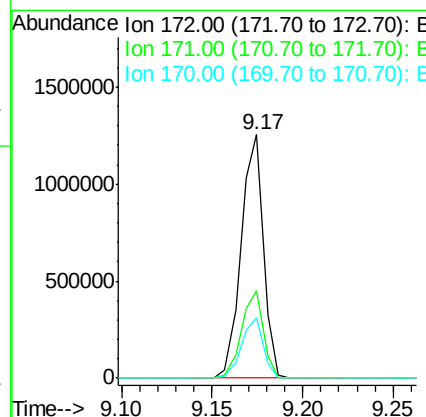
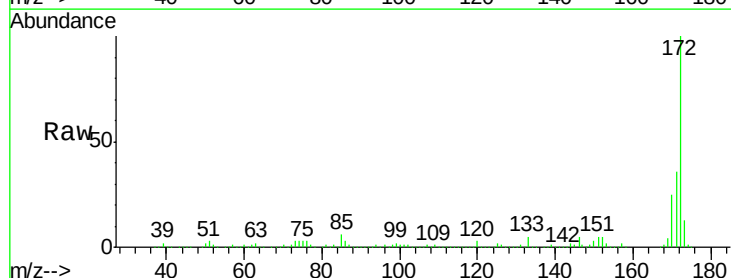
Instrument :
 BNA_F
 ClientSampleId :
 11

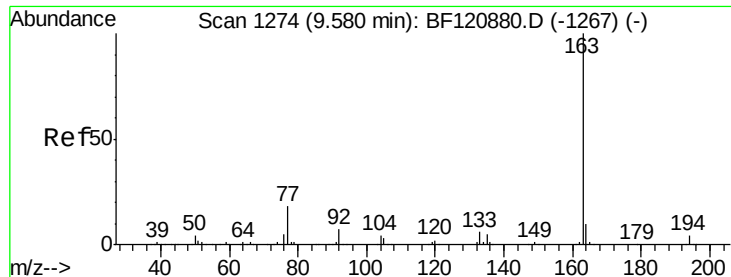
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	31.0	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 47.284 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.7	19.6	29.4

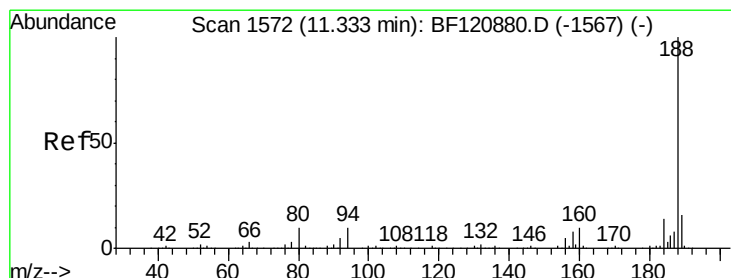
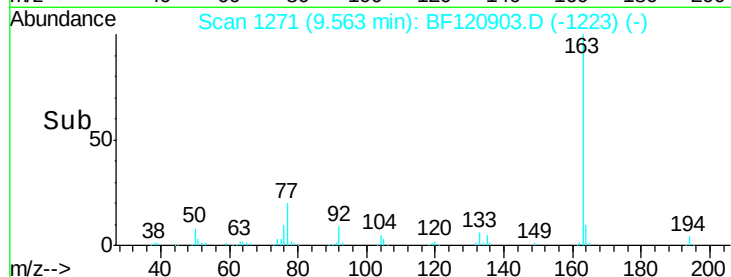
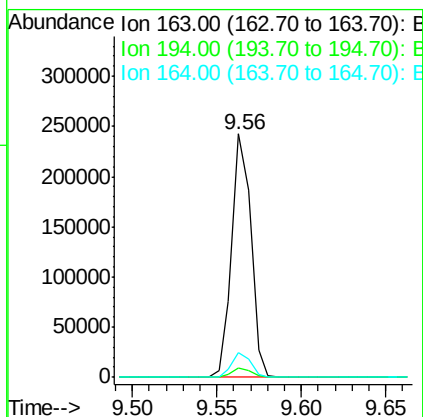
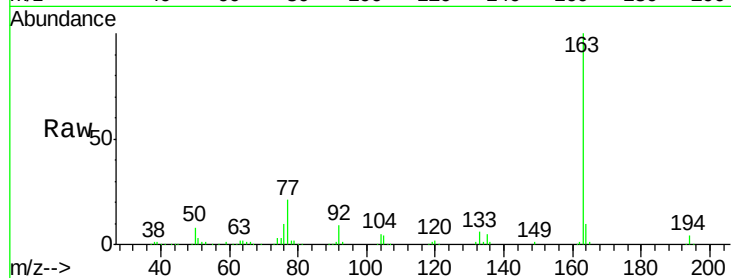




#50
Dimethylphthalate
Concen: 7.890 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

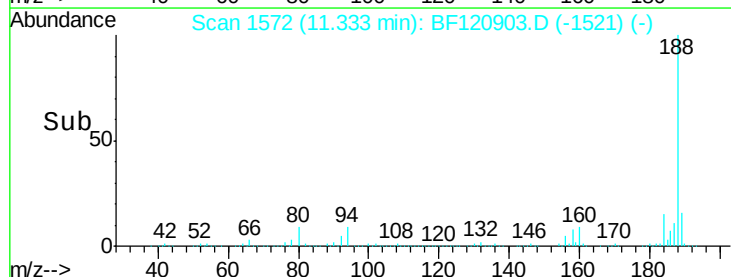
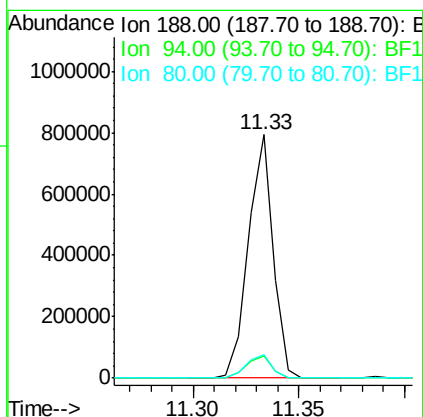
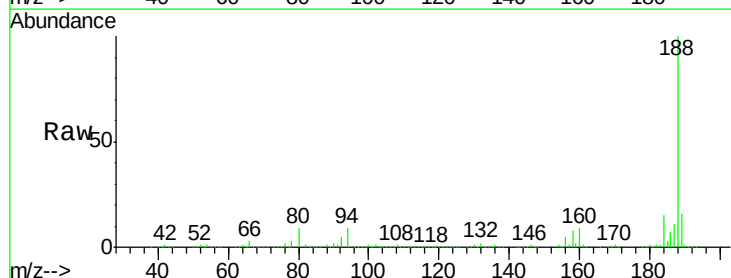
Instrument :
BNA_F
ClientSampleId :
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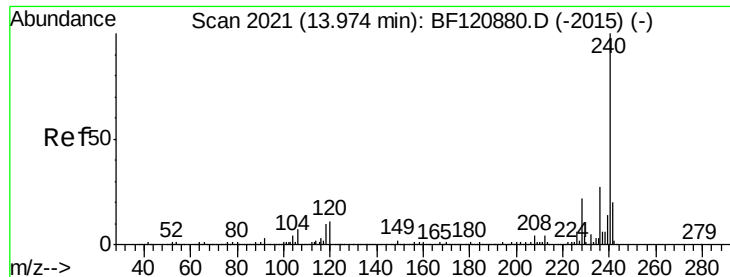
Tot Ion:163 Resp: 192515
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Tgt Ion:188 Resp: 647185
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.4 8.3 12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Instrument :

BNA_F

ClientSampleId :

11

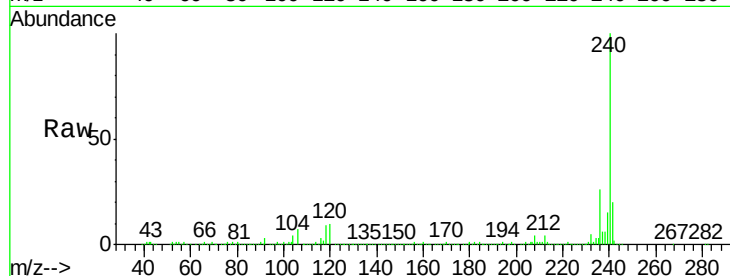
Tot Ion:240 Resp: 492474

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

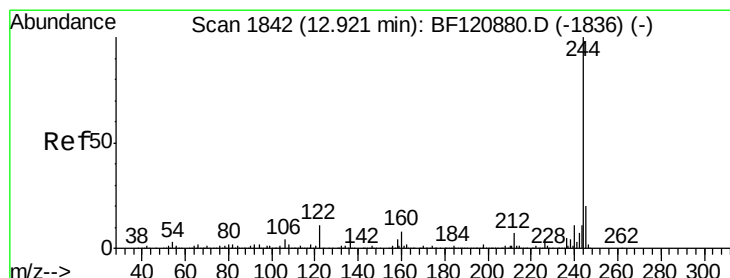
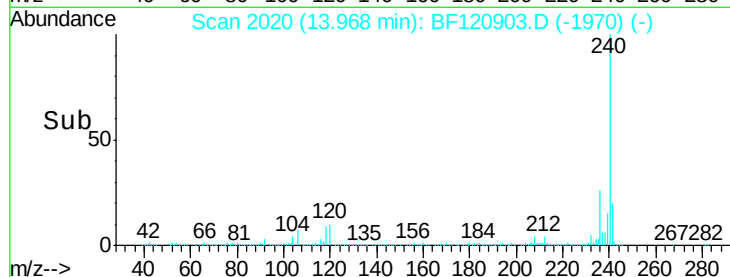
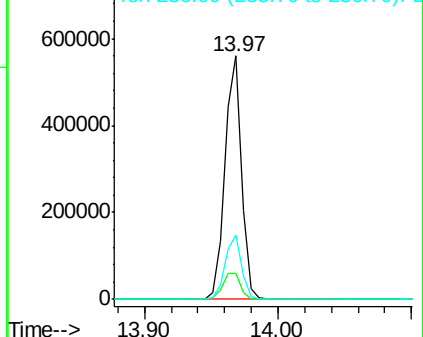
236 26.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 51.318 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

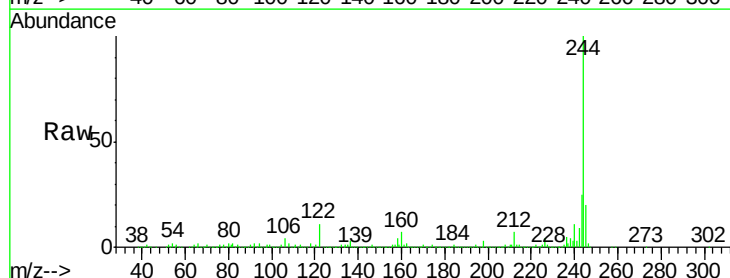
Tgt Ion:244 Resp: 1162609

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

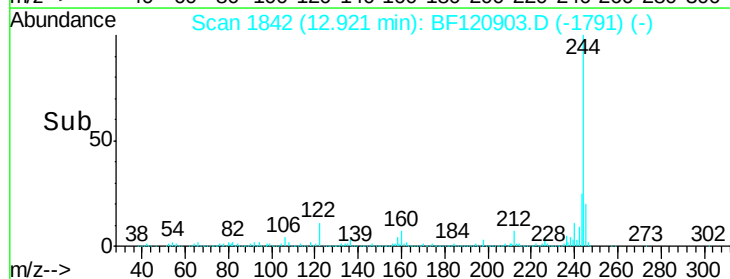
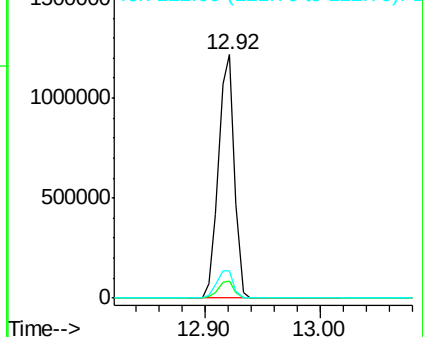
122 11.3 8.9 13.3

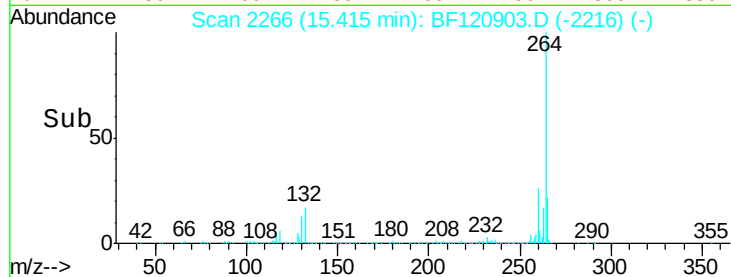
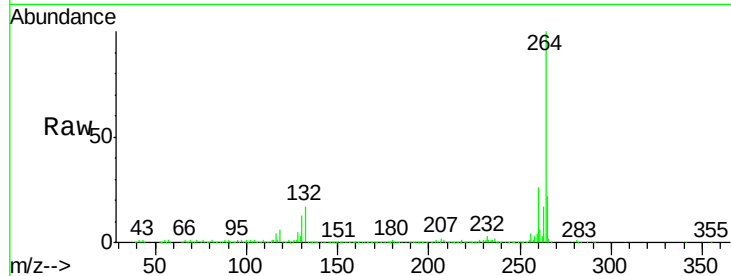
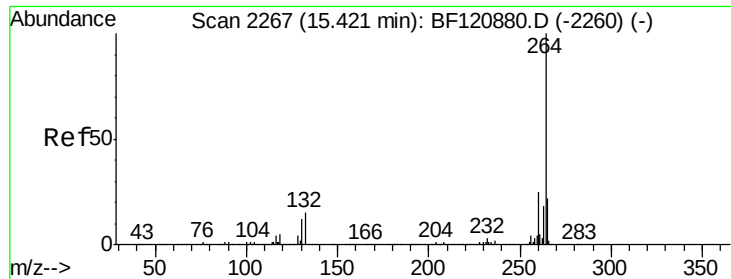


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120903.D
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	22.1	17.4	26.2

