

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120909.D
 Acq On : 17 Jul 2020 2:48
 Operator : JU/CG
 Sample : L3308-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17

Quant Time: Jul 17 03:40:07 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

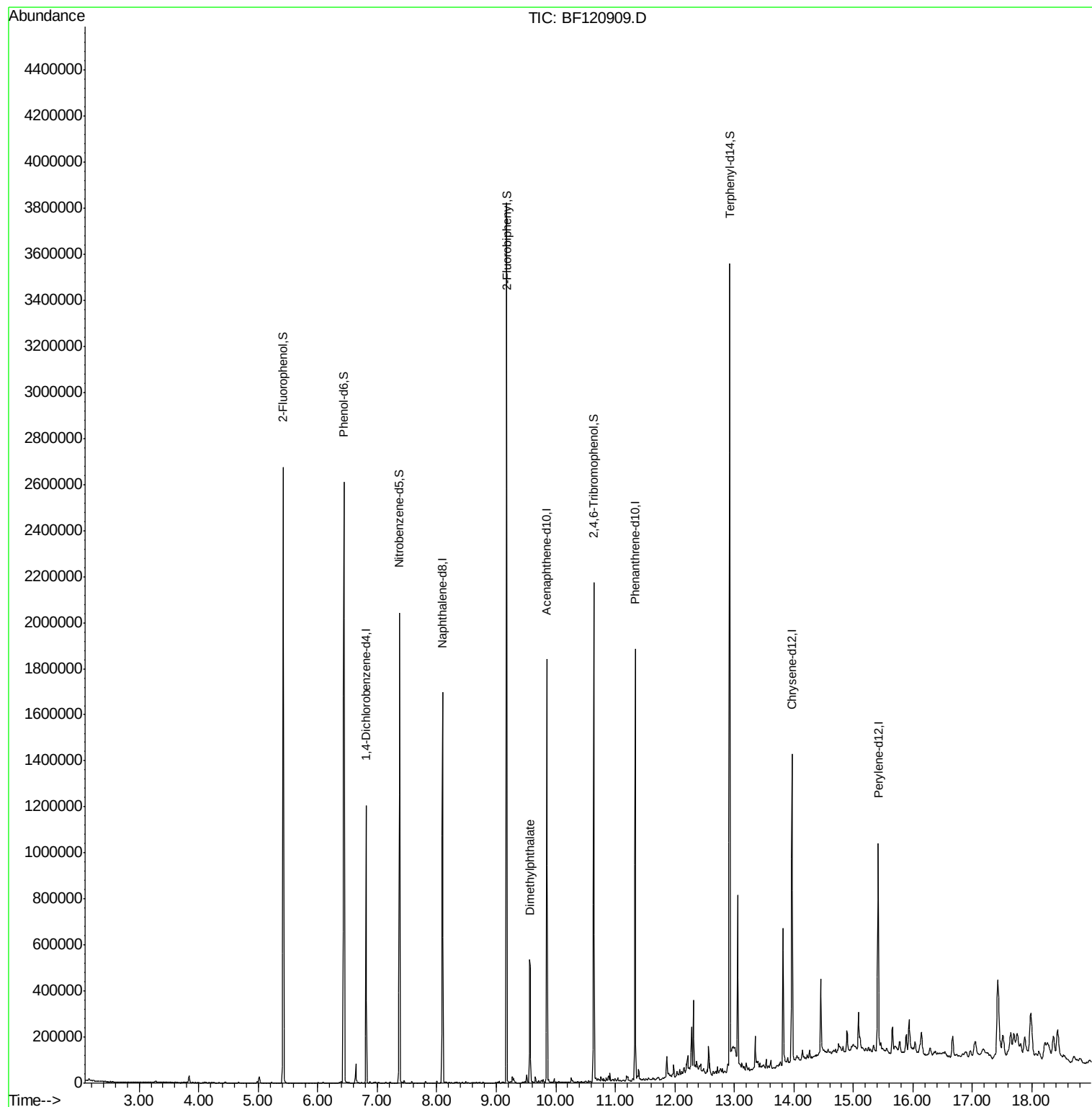
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170661	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	658313	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	341565	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	633729	20.00	ng	0.00
76) Chrysene-d12	13.97	240	434461	20.00	ng	0.00
86) Perylene-d12	15.42	264	394518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	783812	75.29	ng	0.00
7) Phenol-d6	6.44	99	966809	71.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	579541	50.94	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	283142	75.73	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1093241	47.79	ng	0.00
79) Terphenyl-d14	12.92	244	1110156	55.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	208450	8.459	ng	Qvalue 99

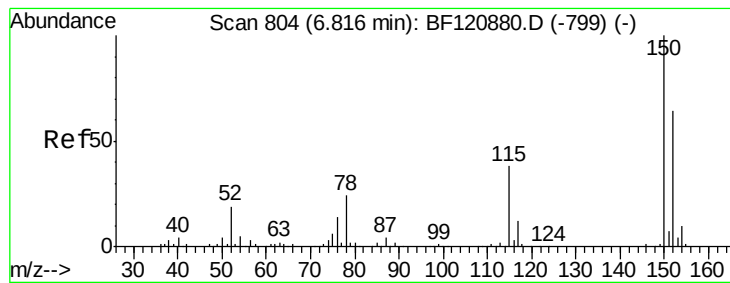
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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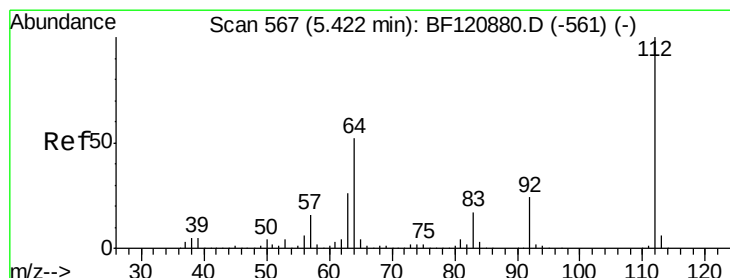
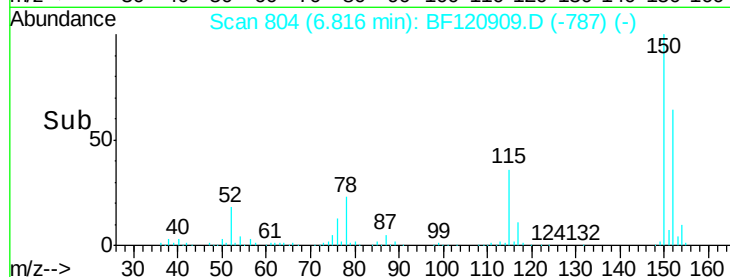
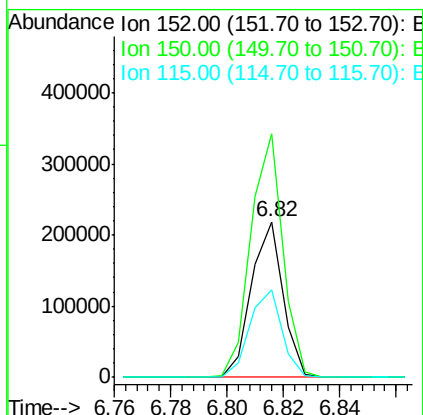
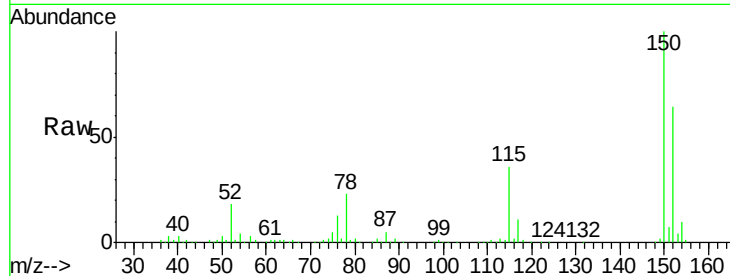


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120909.D
 Acq: 17 Jul 2020 2:48

Instrument :
 BNA_F
 ClientSampled :
 17

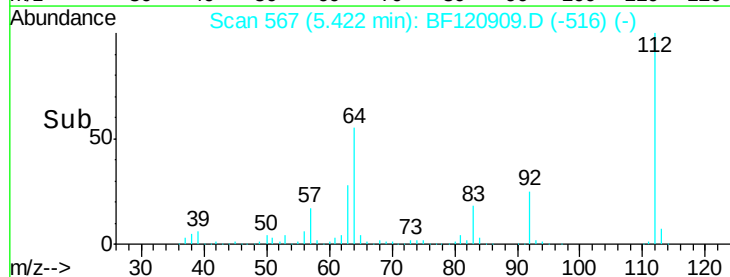
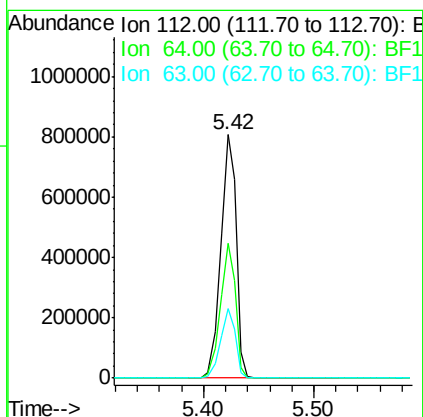
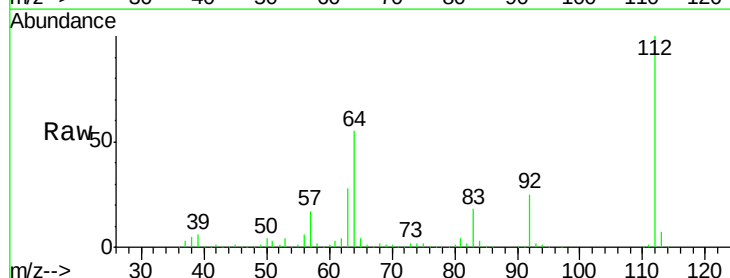
Tot Ion:152 Resp: 170661
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.0 187.6
 115 56.7 47.0 70.4

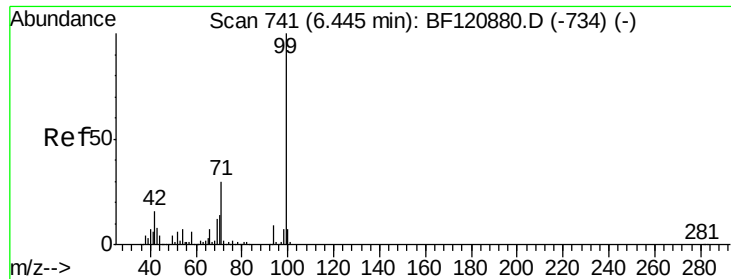


#5

2-Fluorophenol
 Concen: 75.292 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF120909.D
 Acq: 17 Jul 2020 2:48

Tgt Ion:112 Resp: 783812
 Ion Ratio Lower Upper
 112 100
 64 55.2 41.3 61.9
 63 28.3 21.1 31.7





#7

Phenol-d6

Concen: 71.896 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120909.D

Acq: 17 Jul 2020 2:48

Instrument :

BNA_F

ClientSampled :

17

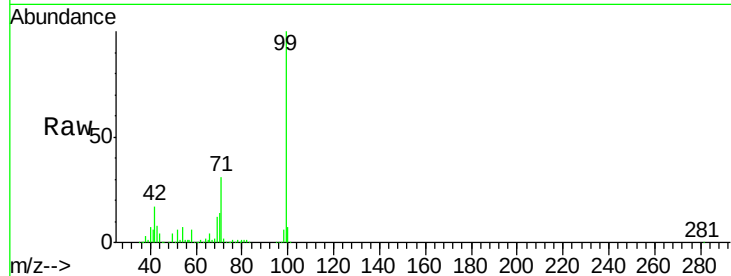
Tot Ion: 99 Resp: 966809

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

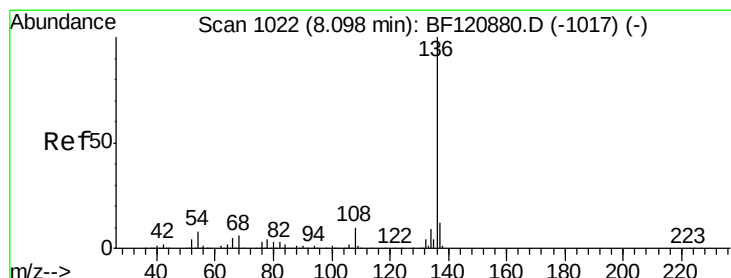
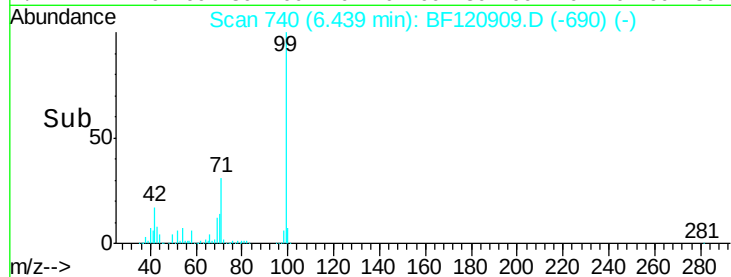
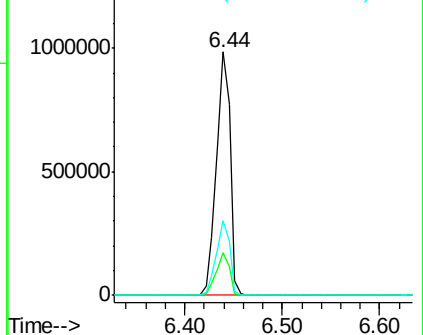
71 30.8 24.2 36.4



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: BF120909.D

Acq: 17 Jul 2020 2:48

Tgt Ion: 136 Resp: 658313

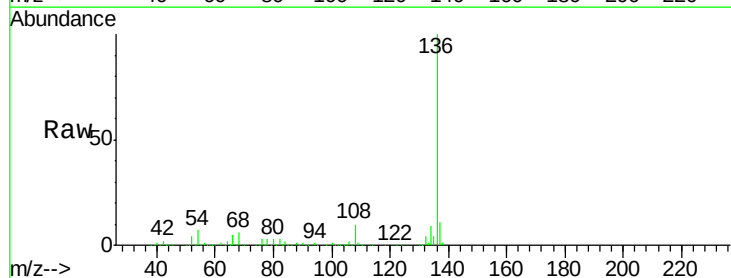
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.2 6.3 9.5

68 5.7 5.0 7.4

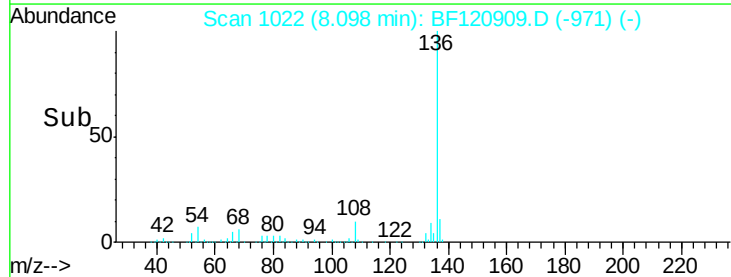
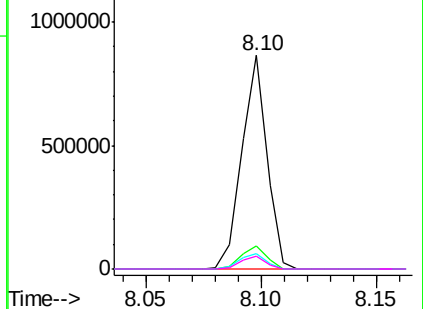


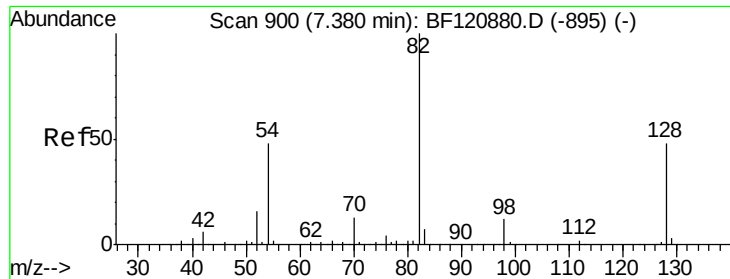
Abundance Ion 136.00 (135.70 to 136.70): E

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

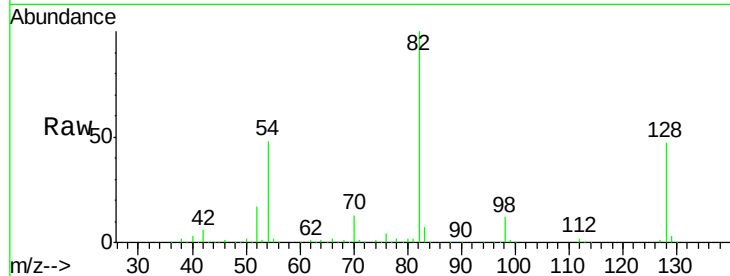




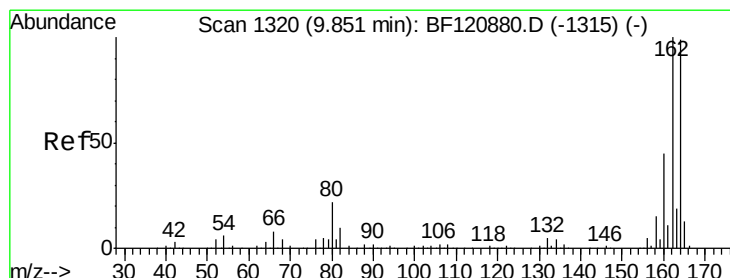
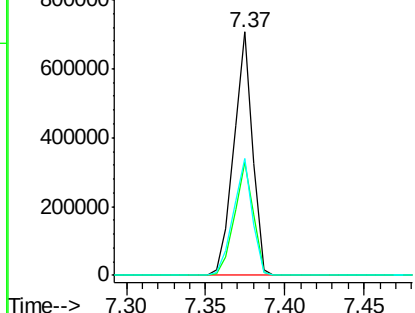
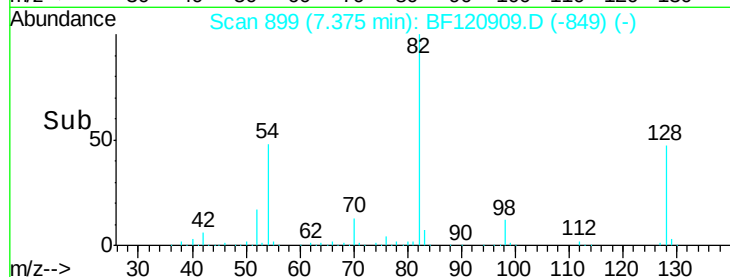
#23
 Nitrobenzene-d5
 Concen: 50.939 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120909.D
 Acq: 17 Jul 2020 2:48

Instrument :
 BNA_F
 ClientSampled :
 17

Tot Ion: 82 Resp: 579541
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.2 57.4
 54 48.1 38.7 58.1

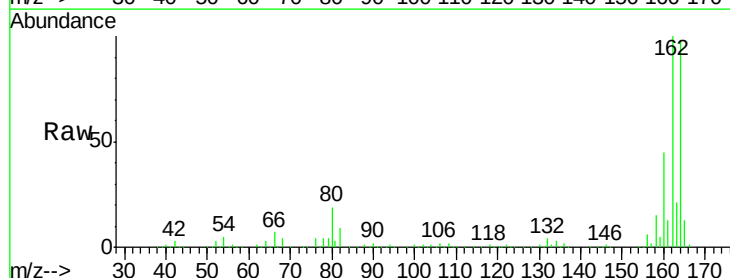


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

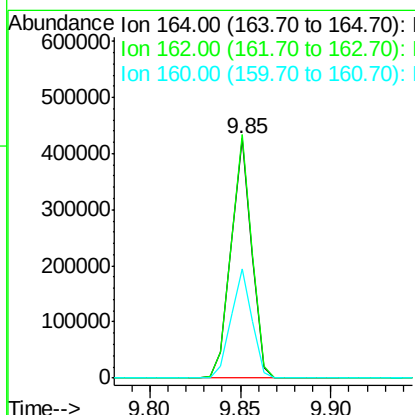
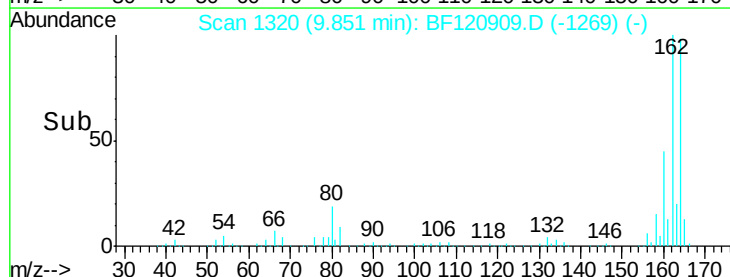


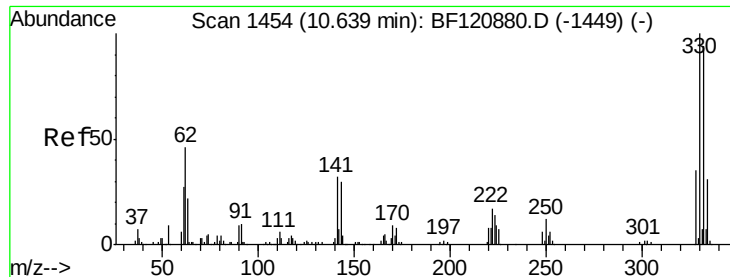
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120909.D
 Acq: 17 Jul 2020 2:48

Tgt Ion:164 Resp: 341565
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.2 121.8
 160 45.6 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

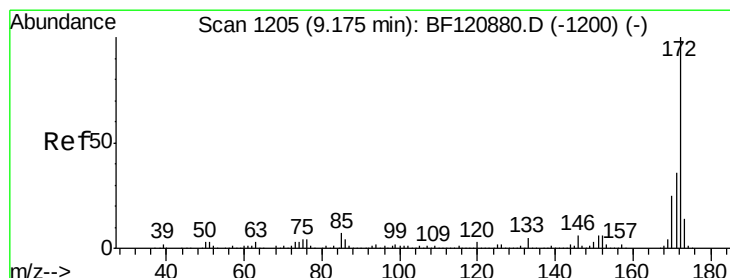
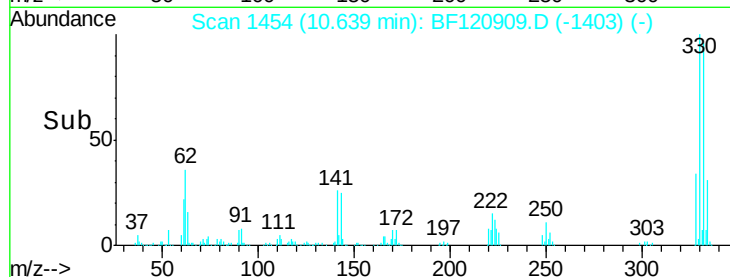
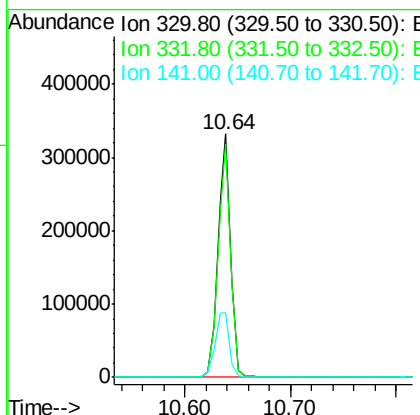
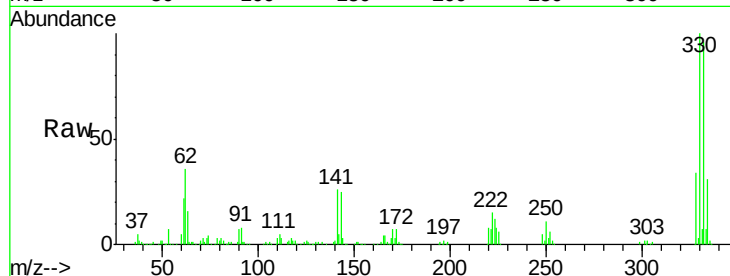




#42
 2,4,6-Tribromophenol
 Concen: 75.731 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120909.D
 Acq: 17 Jul 2020 2:48

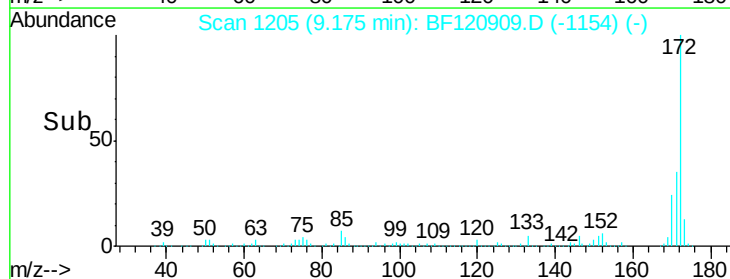
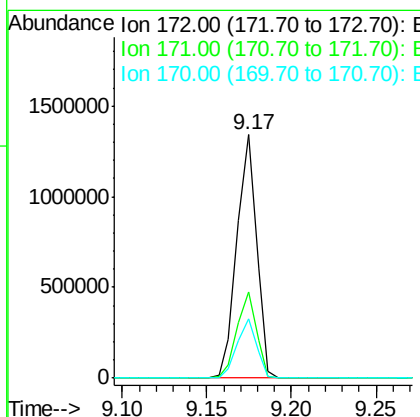
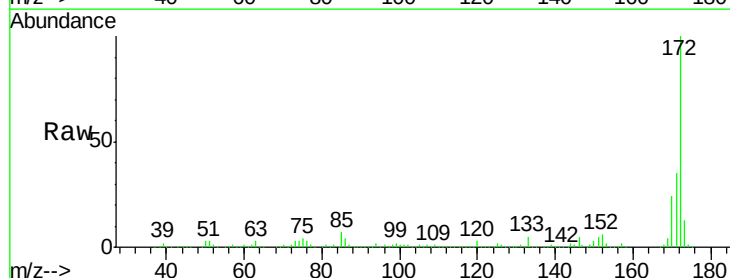
Instrument :
 BNA_F
 ClientSampled :
 17

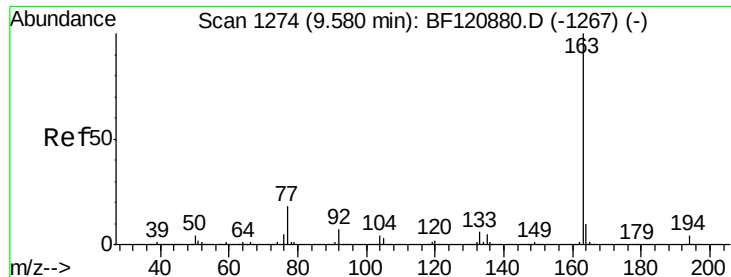
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	30.3	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 47.788 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120909.D
 Acq: 17 Jul 2020 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 8.459 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120909.D

Acq: 17 Jul 2020 2:48

Instrument :

BNA_F

ClientSampleId :

17

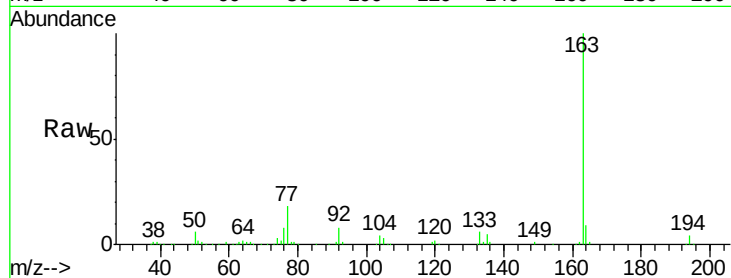
Tot Ion:163 Resp: 208450

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

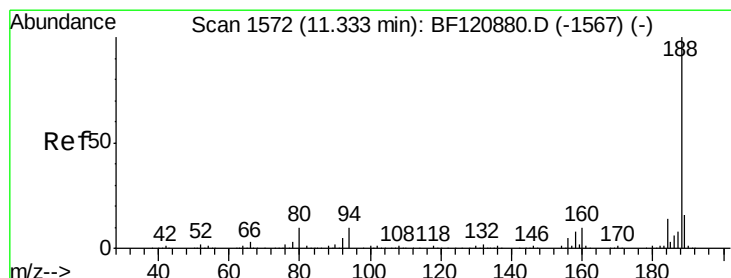
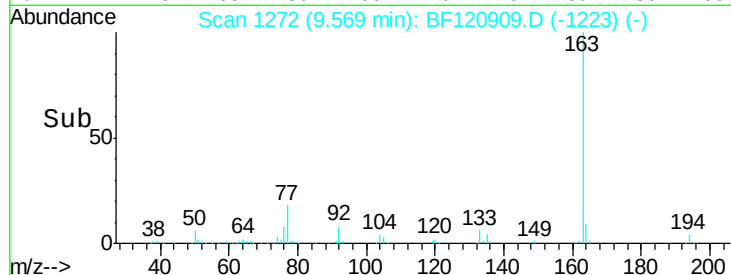
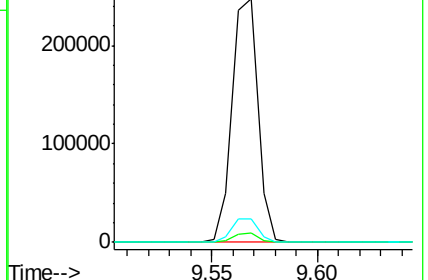
164 9.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120909.D

Acq: 17 Jul 2020 2:48

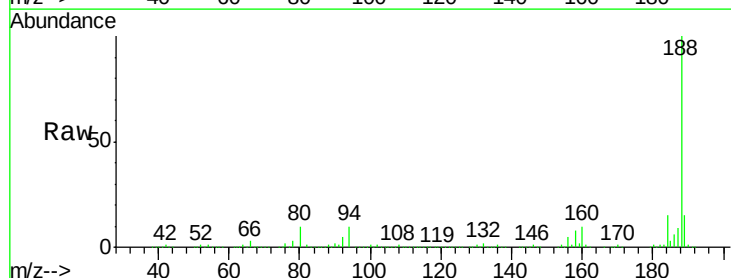
Tgt Ion:188 Resp: 633729

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

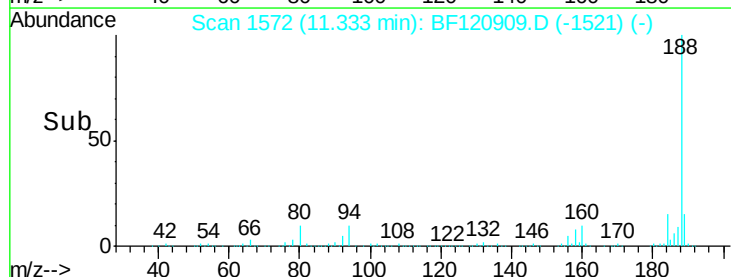
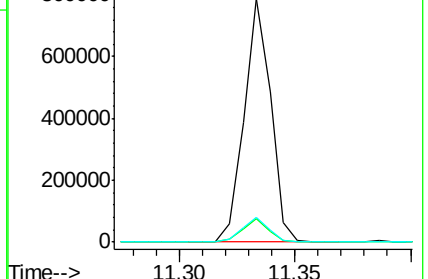
80 10.0 8.3 12.5

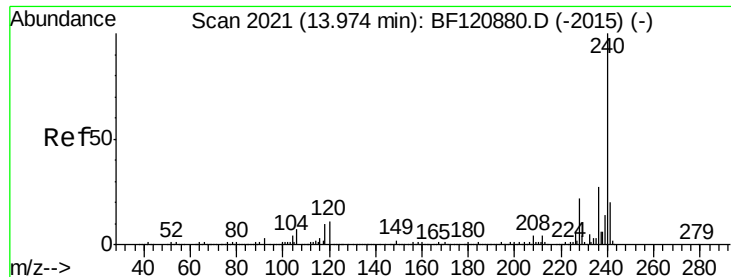


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120909.D

Acq: 17 Jul 2020 2:48

Instrument :

BNA_F

ClientSampleId :

17

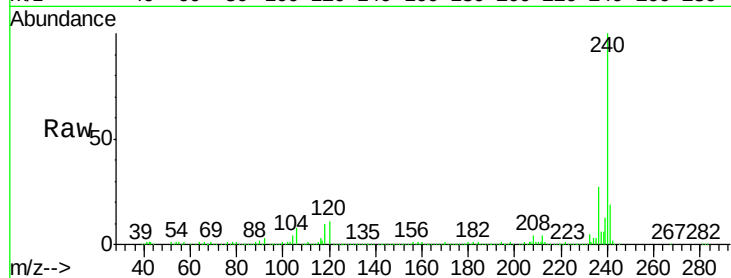
Tot Ion:240 Resp: 434461

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

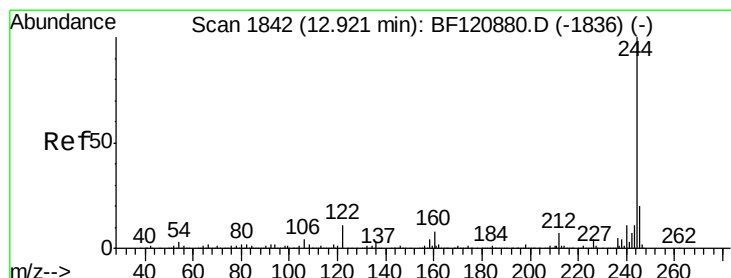
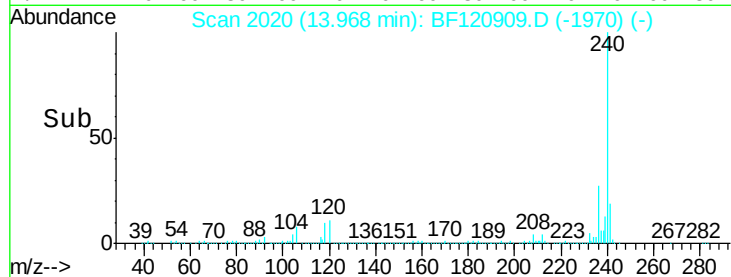
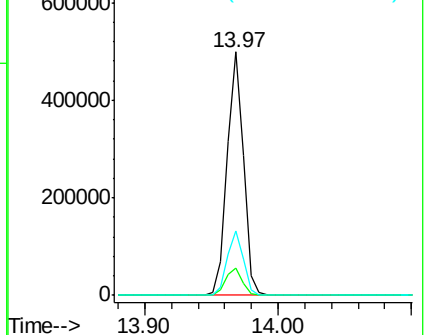
236 26.6 21.7 32.5



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: 55.546 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120909.D

Acq: 17 Jul 2020 2:48

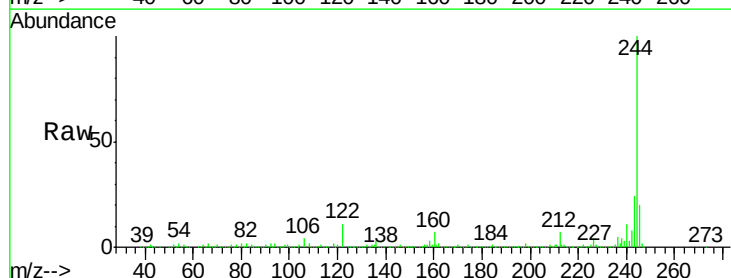
Tgt Ion:244 Resp: 1110156

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

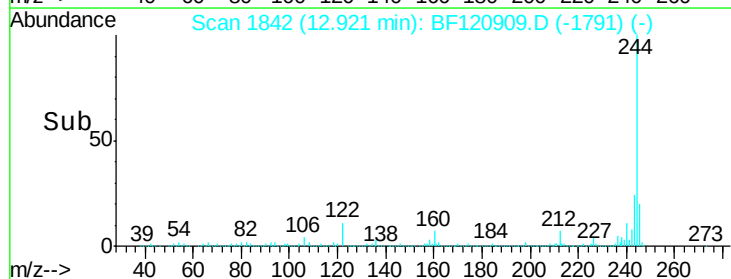
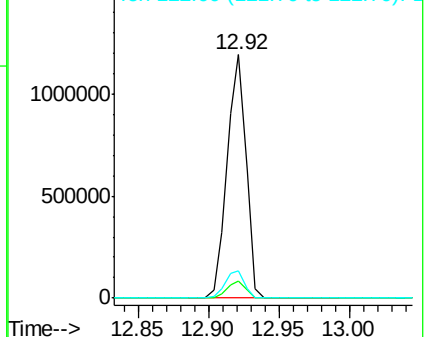
122 11.2 8.9 13.3

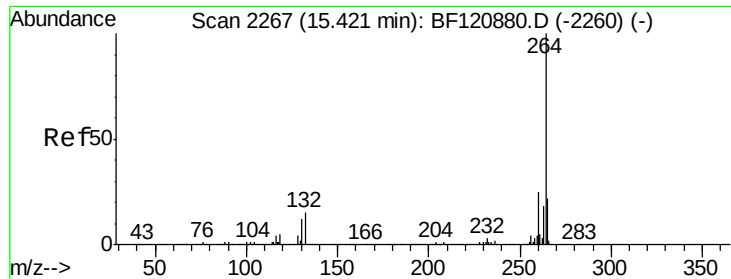


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120909.D
Acq: 17 Jul 2020 2:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.6	17.4	26.2

