

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112052.D
 Acq On : 14 Jan 2019 15:58
 Operator : JU/SJ
 Sample : K1129-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Jan 14 21:11:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

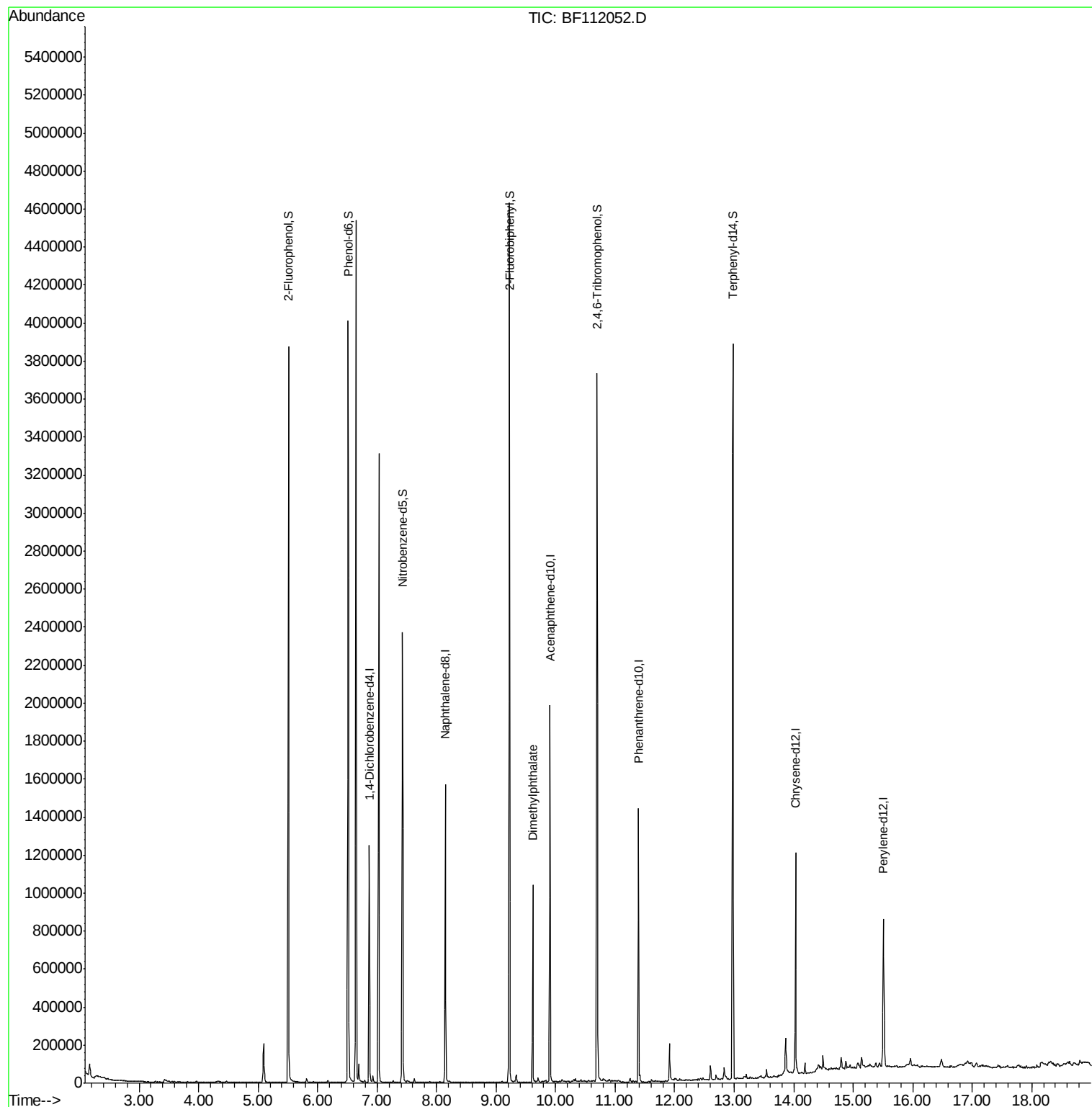
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179112	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	686197	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	389512	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	490034	20.00	ng	0.00
76) Chrysene-d12	14.03	240	360867	20.00	ng	-0.01
87) Perylene-d12	15.51	264	348930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1014886	96.94	ng	0.00
7) Phenol-d6	6.52	99	1445952	107.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	777744	60.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	481641	95.07	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1545363	57.85	ng	0.00
79) Terphenyl-d14	12.98	244	1339783	70.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	379848	12.982	ng	Qvalue 99

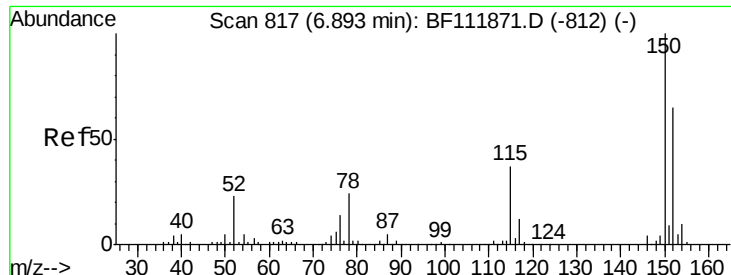
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Instrument :

BNA_F

ClientSampled :

P-1

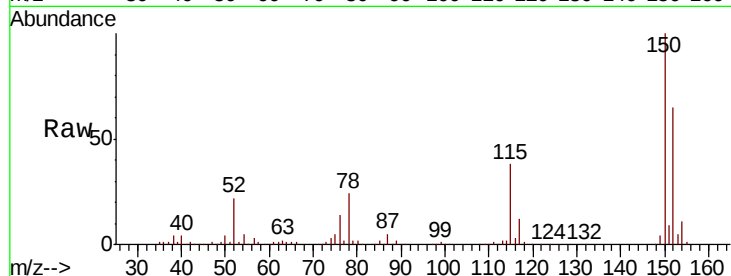
Tot Ion:152 Resp: 179112

Ion Ratio Lower Upper

152 100

150 153.6 122.7 184.1

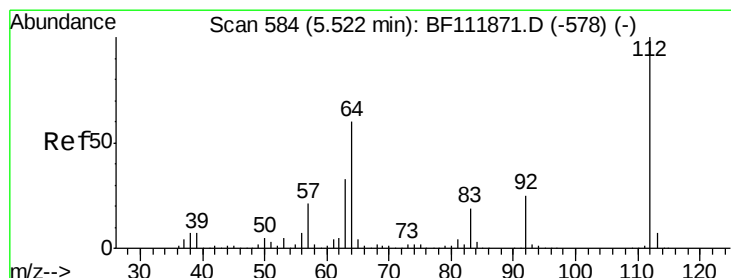
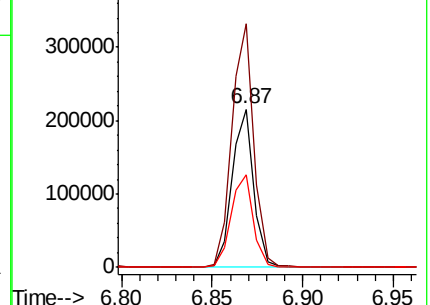
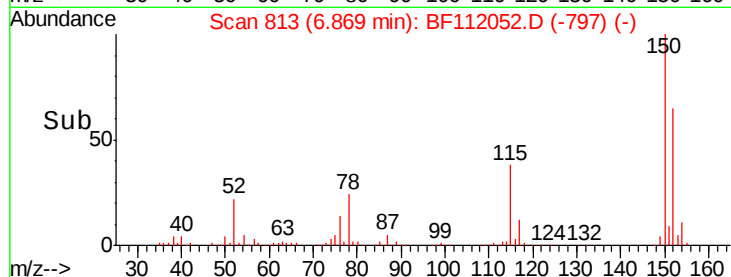
115 58.2 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 96.938 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

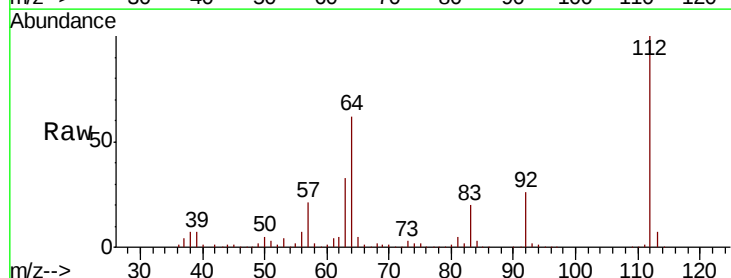
Tgt Ion:112 Resp: 1014886

Ion Ratio Lower Upper

112 100

64 61.8 48.3 72.5

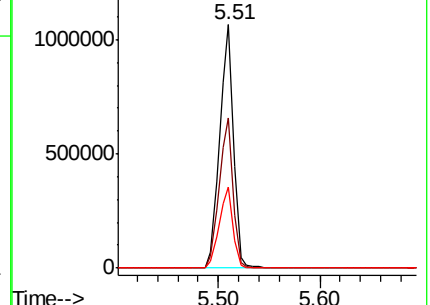
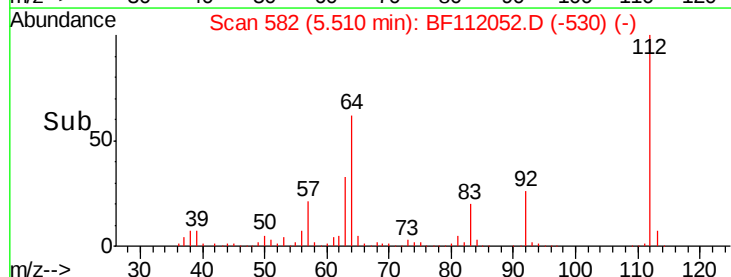
63 33.4 26.1 39.1

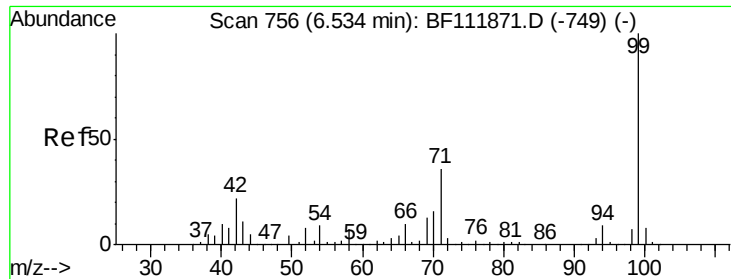


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.157 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

P-1

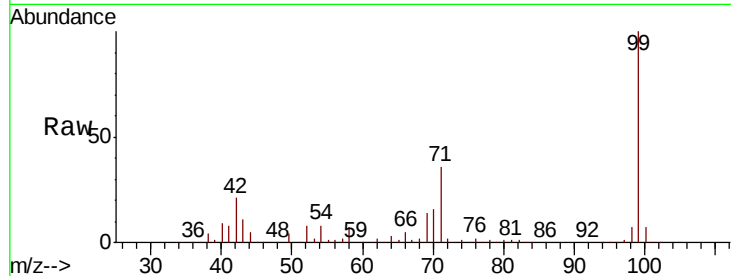
Tot Ion: 99 Resp: 1445952

Ion Ratio Lower Upper

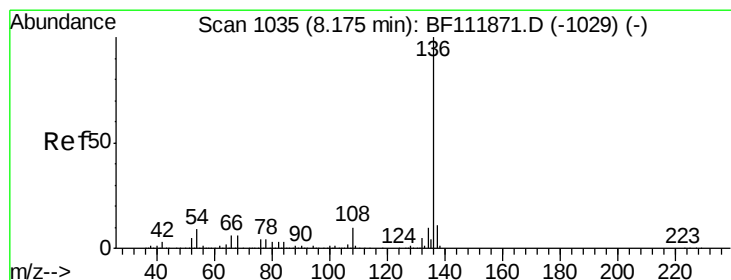
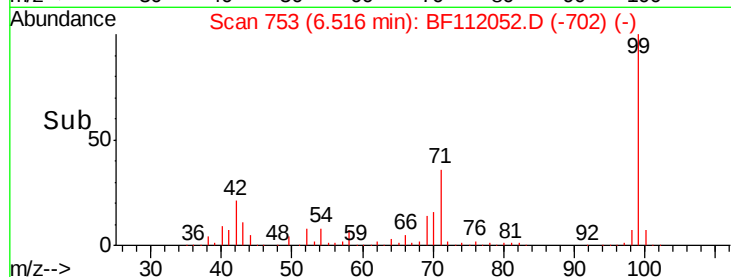
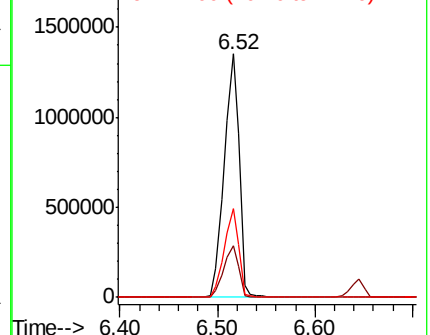
99 100

42 21.4 17.9 26.9

71 36.4 28.7 43.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Tgt Ion: 136 Resp: 686197

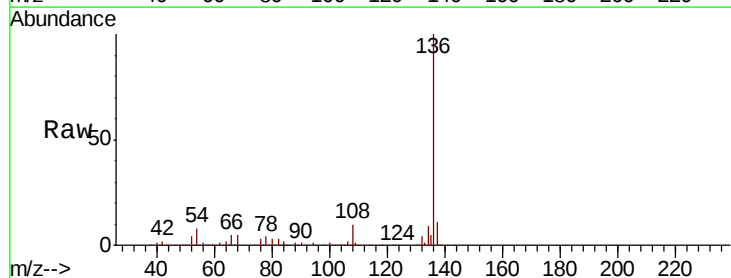
Ion Ratio Lower Upper

136 100

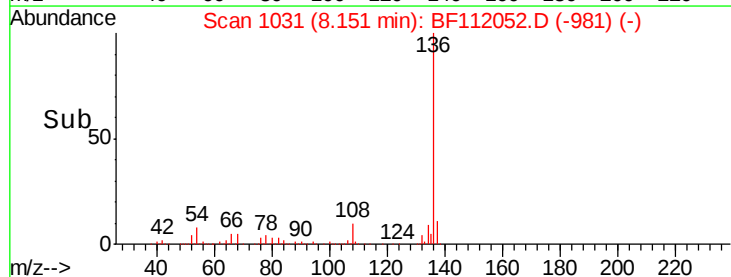
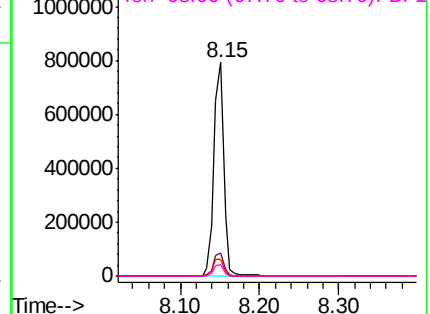
137 10.8 9.1 13.7

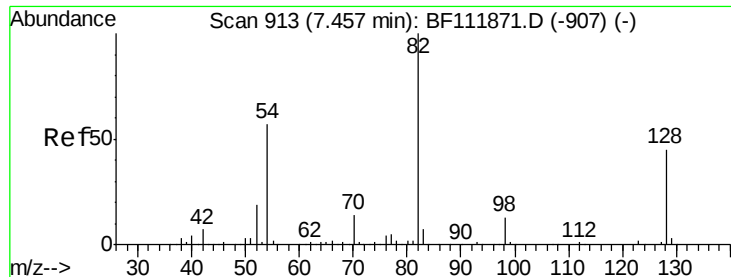
54 7.8 7.2 10.8

68 5.1 4.4 6.6



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

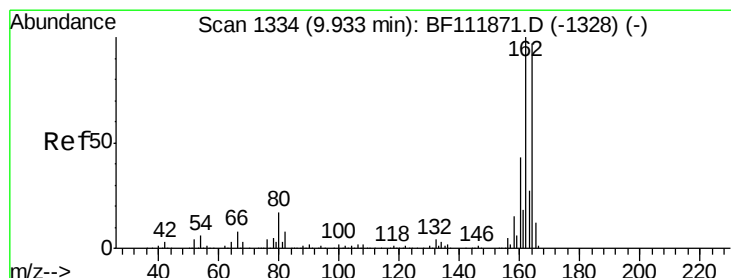
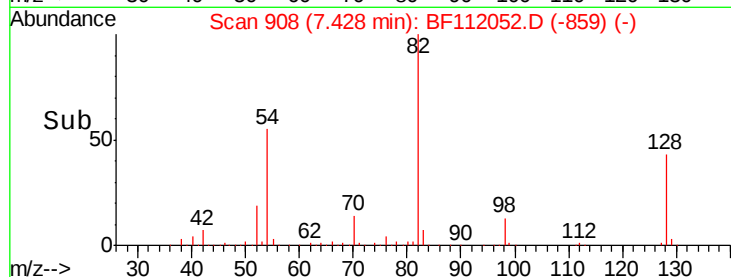
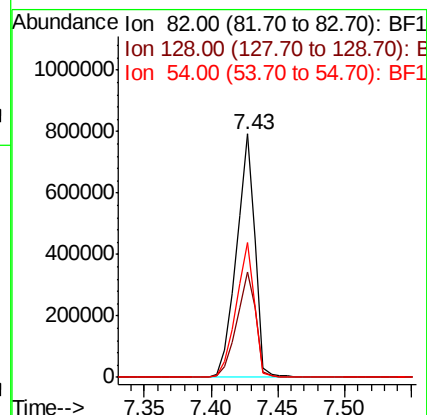
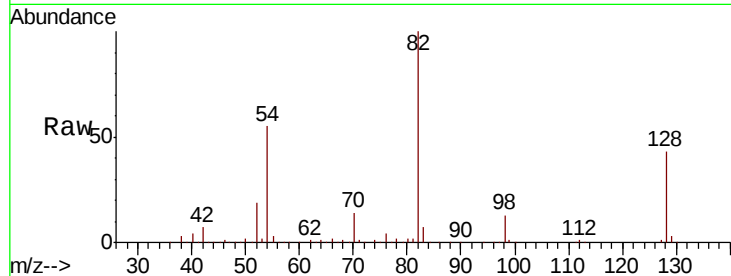




#23
 Nitrobenzene-d5
 Concen: 60.576 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

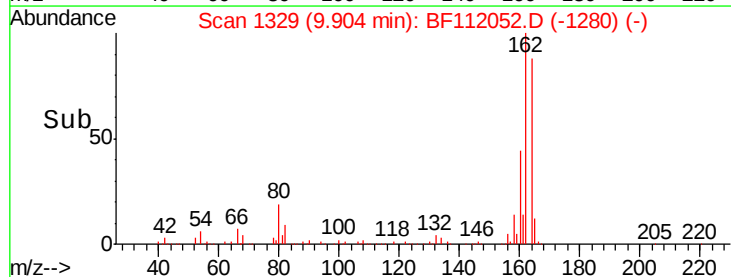
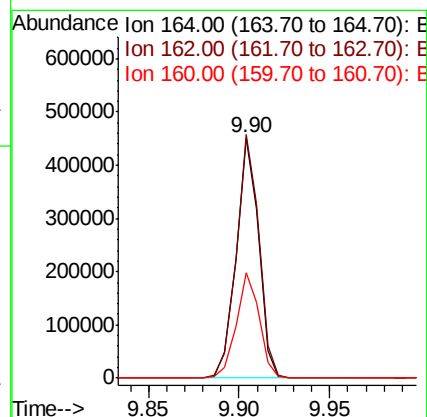
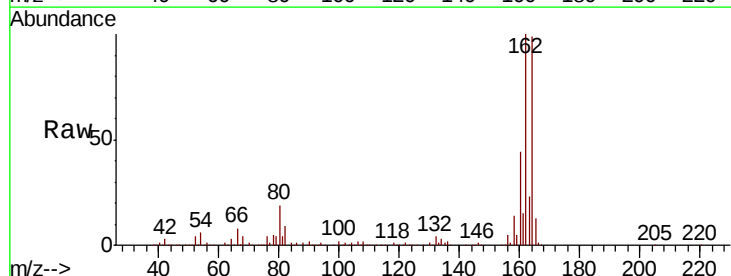
Instrument :
 BNA_F
 ClientSampleId :
 P-1

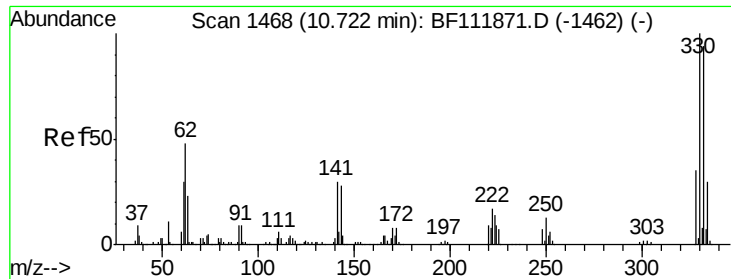
Tot Ion: 82 Resp: 777744
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.7 53.5
 54 55.4 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Tgt Ion: 164 Resp: 389512
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.2 123.2
 160 44.1 35.5 53.3

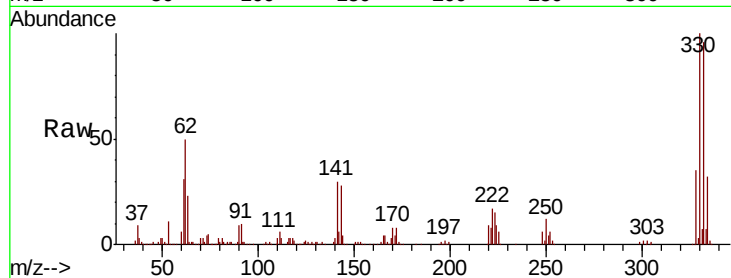




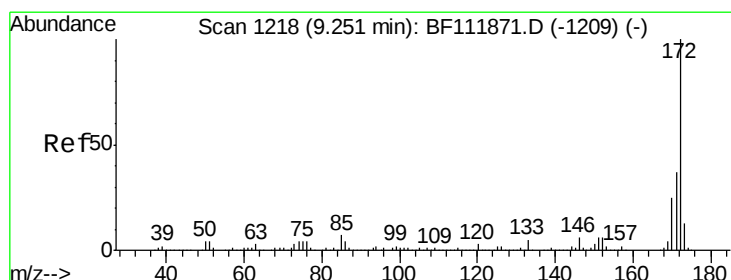
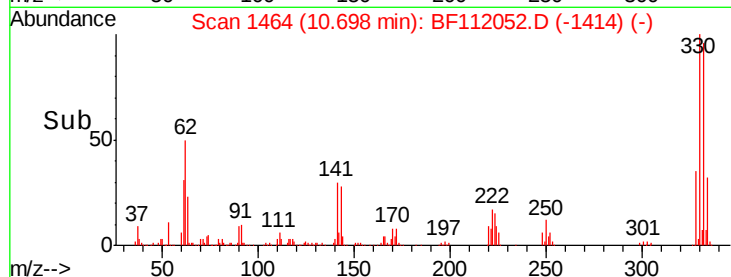
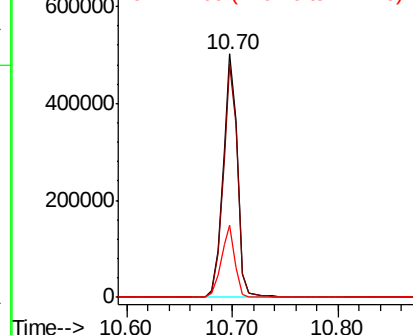
#42
 2,4,6-Tribromophenol
 Concen: 95.066 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:330 Resp: 481641
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 28.4 23.7 35.5

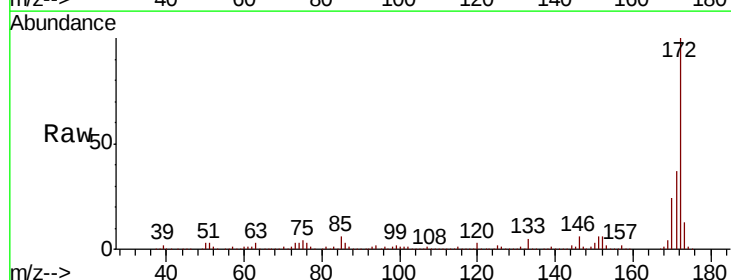


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

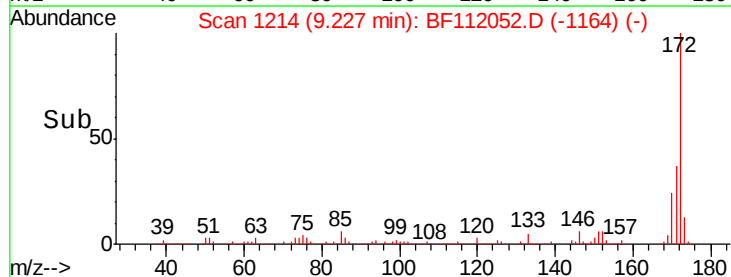
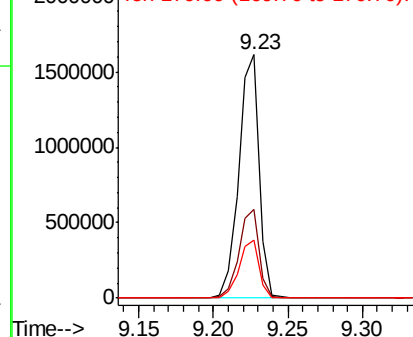


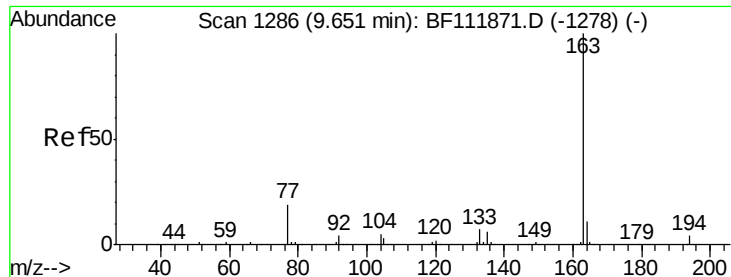
#45
 2-Fluorobiphenyl
 Concen: 57.853 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Tgt Ion:172 Resp: 1545363
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.982 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

P-1

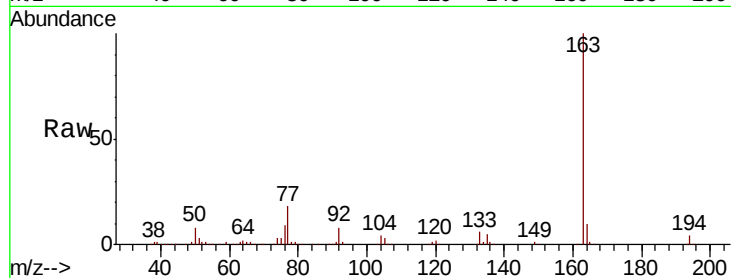
Tot Ion:163 Resp: 379848

Ion Ratio Lower Upper

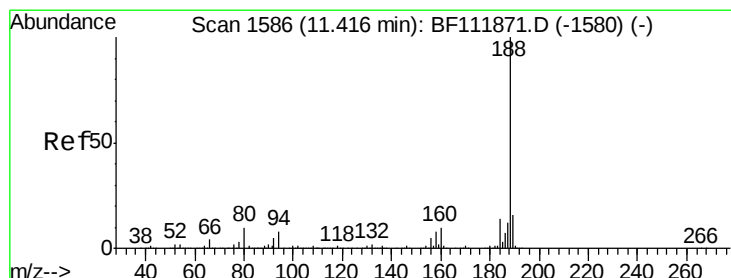
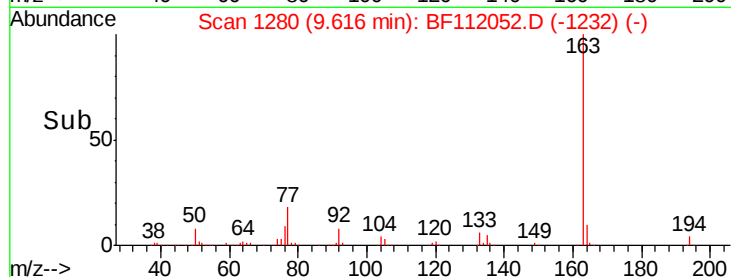
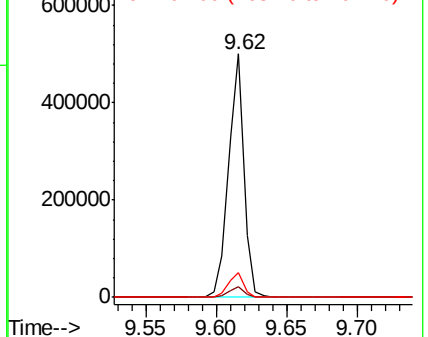
163 100

194 4.3 3.4 5.2

164 10.1 8.5 12.7



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: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

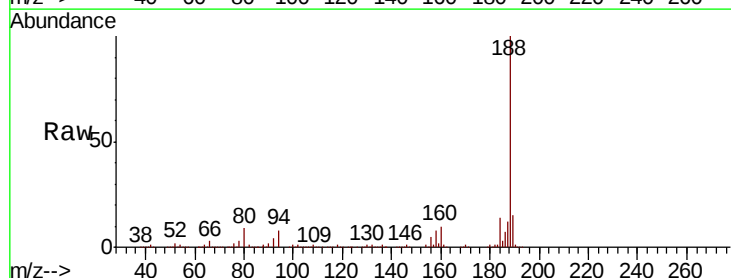
Tgt Ion:188 Resp: 490034

Ion Ratio Lower Upper

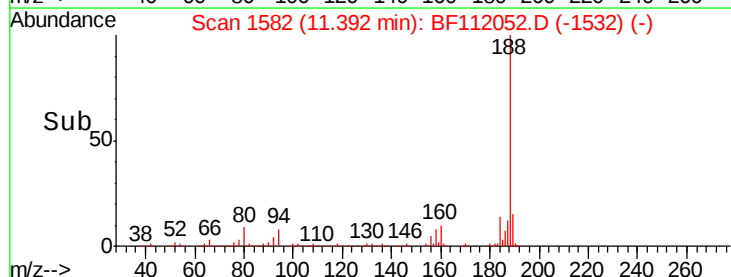
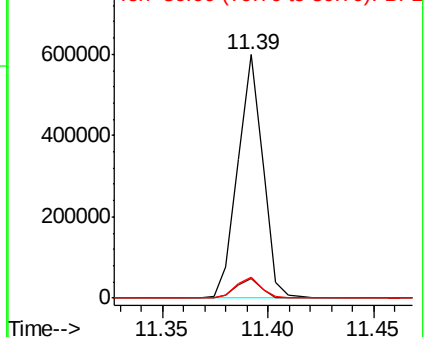
188 100

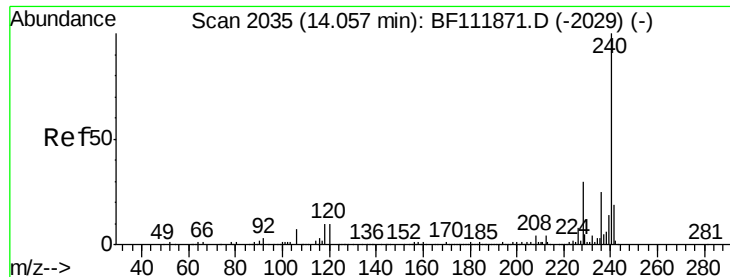
94 7.9 6.6 10.0

80 8.6 7.7 11.5



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

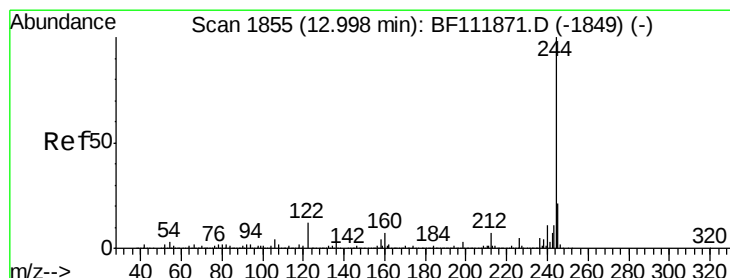
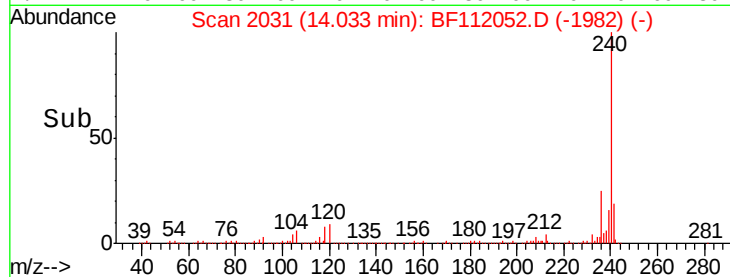
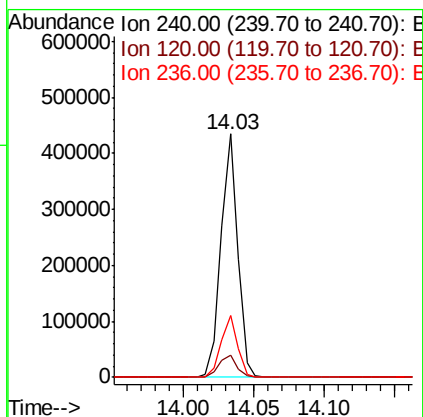
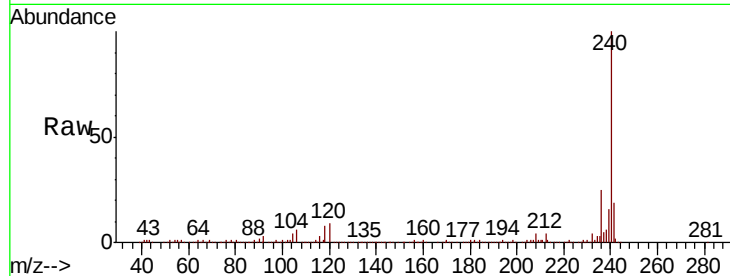




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

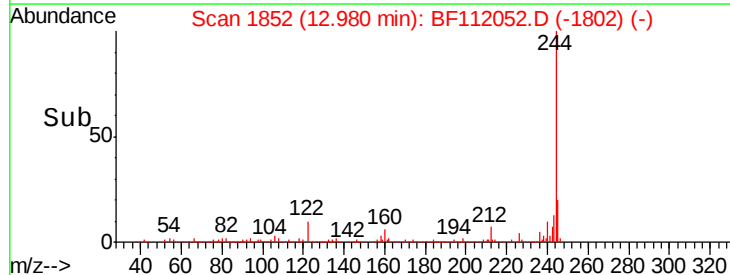
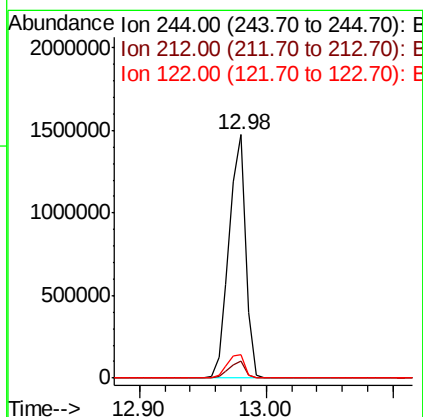
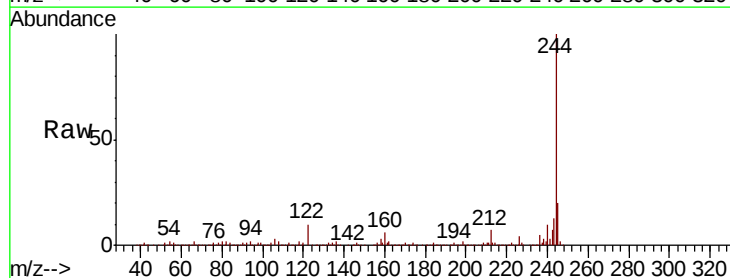
Instrument :
 BNA_F
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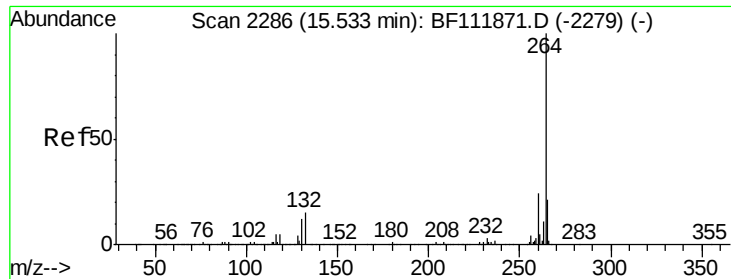
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	25.3	20.2	30.4



#79
 Terphenyl-d14
 Concen: 70.475 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.5	9.5	14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.1	17.1	25.7

