

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF112001.D
 Acq On : 10 Jan 2019 21:32
 Operator : JU/SJ
 Sample : K1005-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:54:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

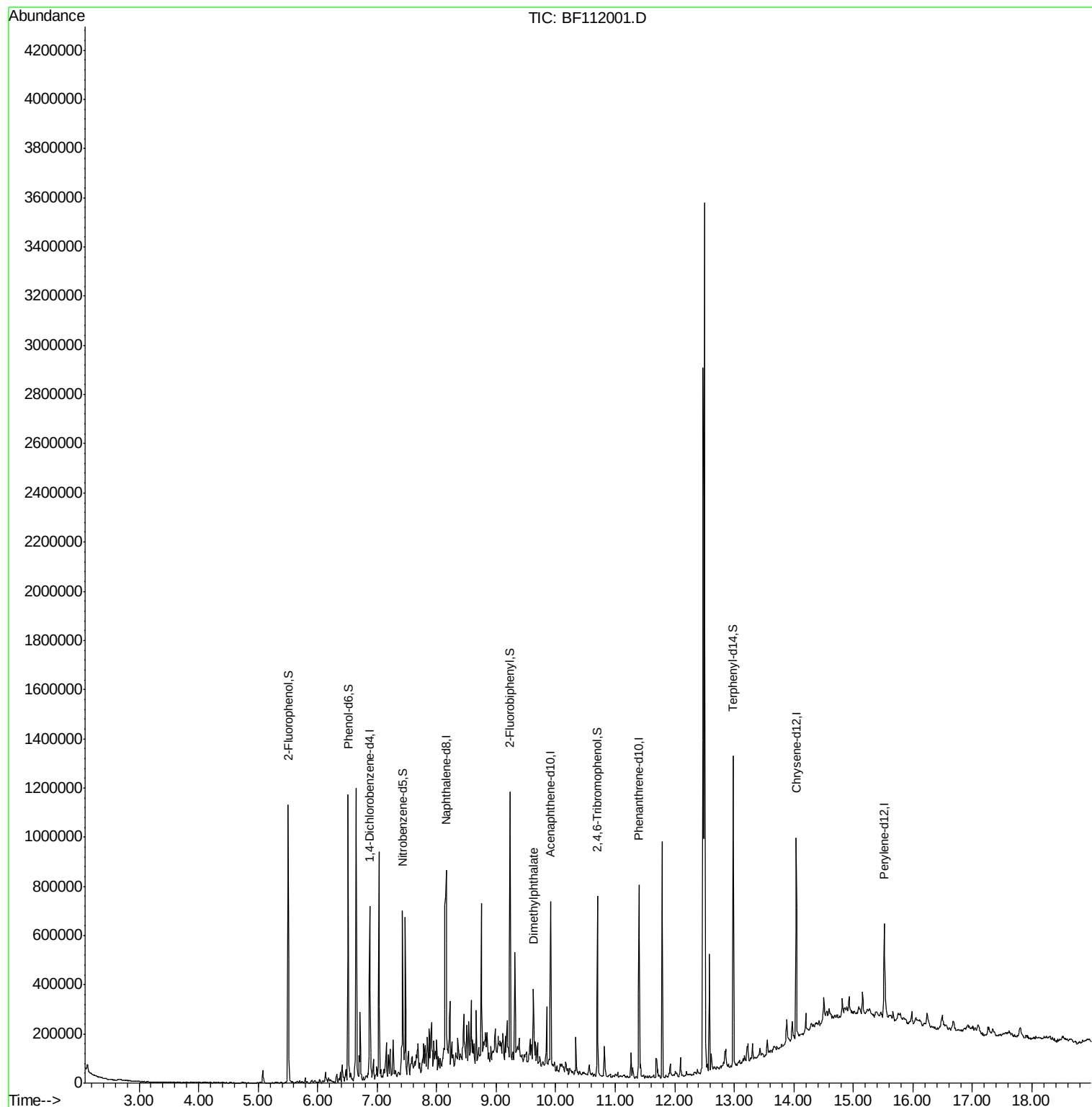
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91301	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	304147	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	135917	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	269978	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	261572	20.00	ng	-0.02
87) Perylene-d12	15.52	264	178148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	283784	53.18	ng	-0.02
7) Phenol-d6	6.51	99	348626	50.68	ng	-0.02
23) Nitrobenzene-d5	7.43	82	204827	35.99	ng	-0.03
42) 2,4,6-Tribromophenol	10.70	330	88230	49.91	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	328201	35.21	ng	-0.02
79) Terphenyl-d14	12.98	244	421910	30.62	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.43	77	293	Below Cal	Qvalue #	1
50) Dimethylphthalate	9.62	163	80153	7.850 ng		99

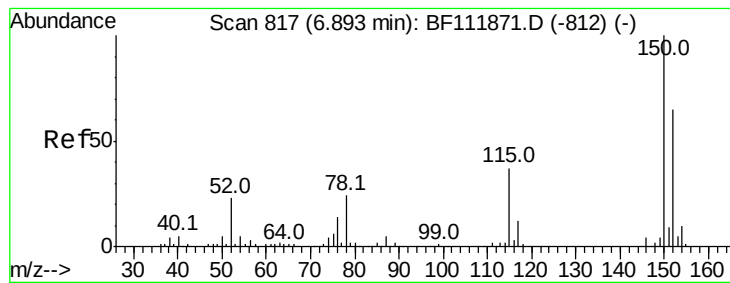
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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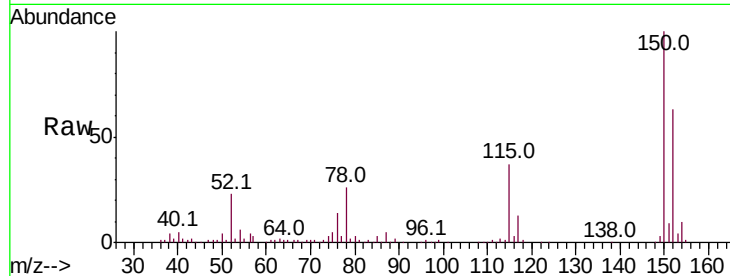


#1

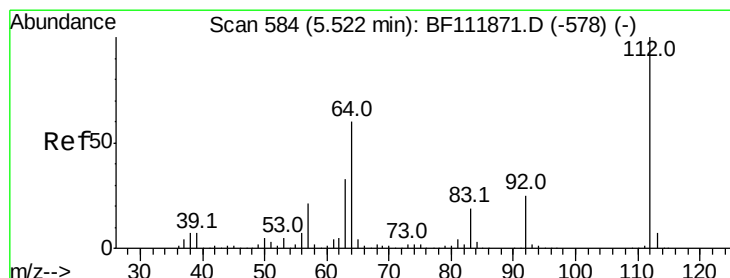
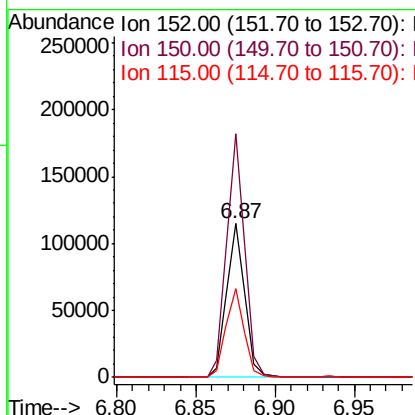
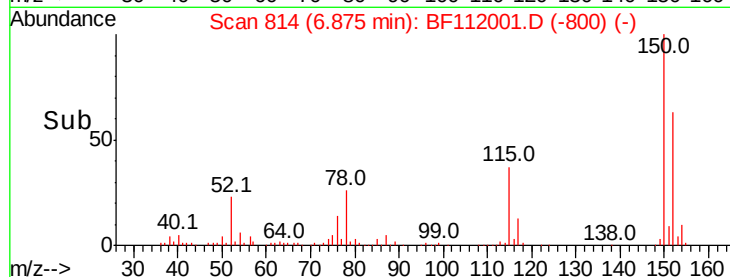
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112001.D
Acq: 10 Jan 2019 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91301
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 58.0 45.2 67.8



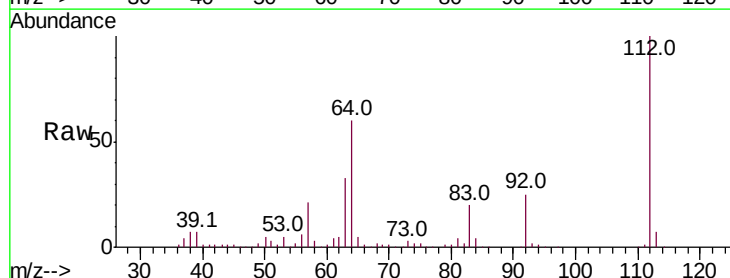
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



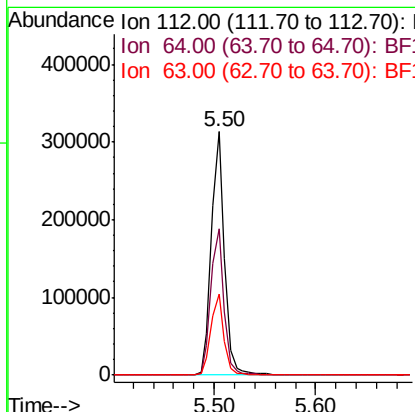
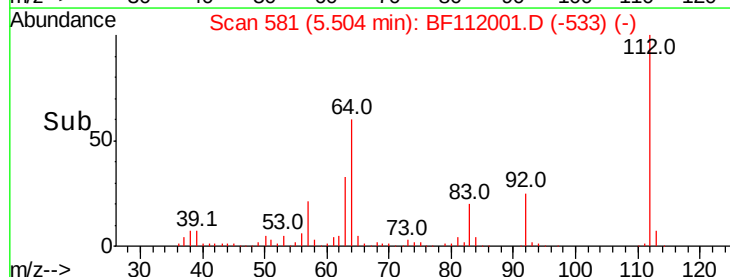
#5

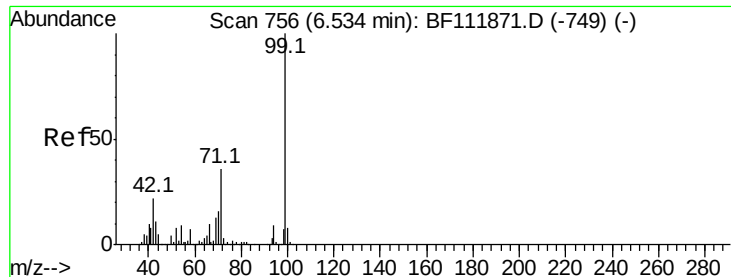
2-Fluorophenol
Concen: 53.176 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112001.D
Acq: 10 Jan 2019 21:32

Tgt Ion:112 Resp: 283784
Ion Ratio Lower Upper
112 100
64 60.4 48.3 72.5
63 33.2 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: 50.684 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF112001.D

Acq: 10 Jan 2019 21:32

Instrument :

BNA_F

ClientSampleId :

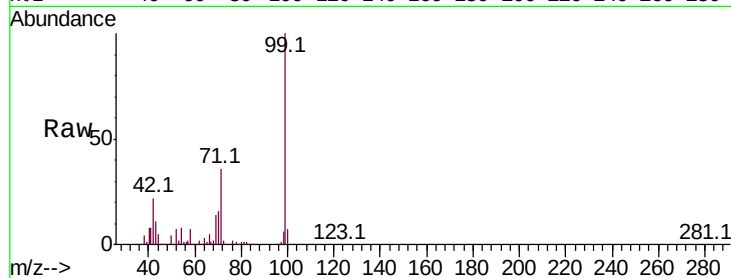
Tot Ion: 99 Resp: 348626

Ion Ratio Lower Upper

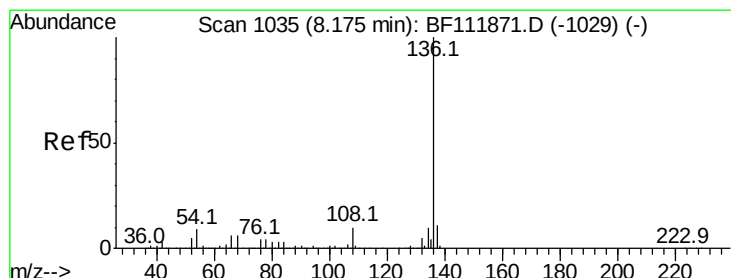
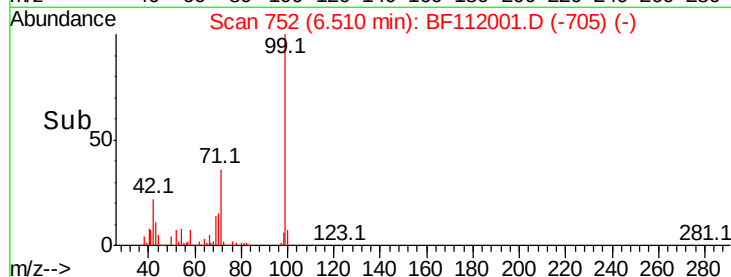
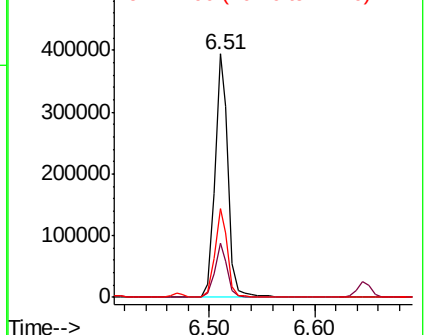
99 100

42 22.2 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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112001.D

Acq: 10 Jan 2019 21:32

Tgt Ion: 136 Resp: 304147

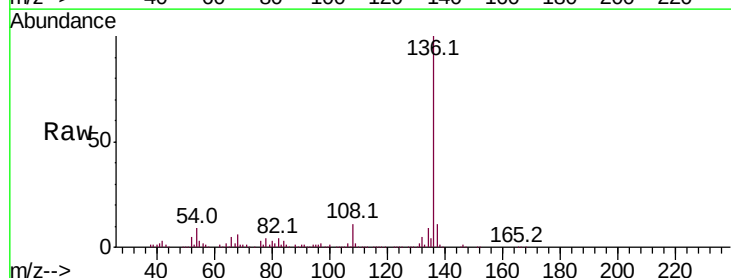
Ion Ratio Lower Upper

136 100

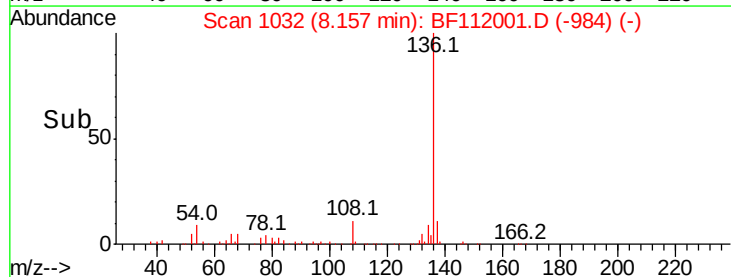
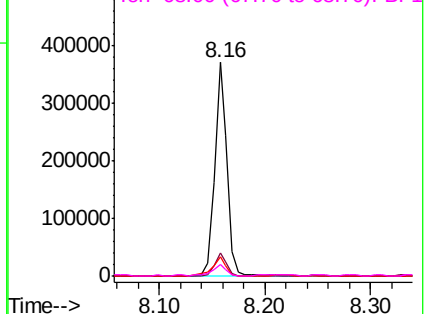
137 10.9 9.1 13.7

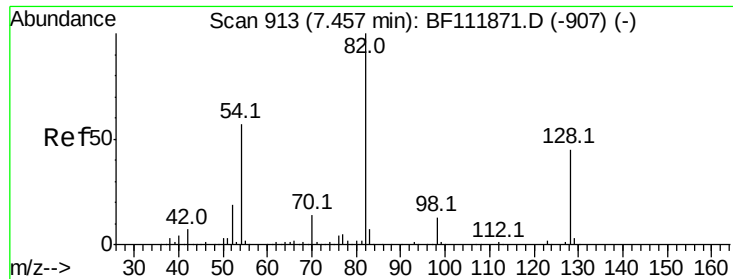
54 8.8 7.2 10.8

68 5.7 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

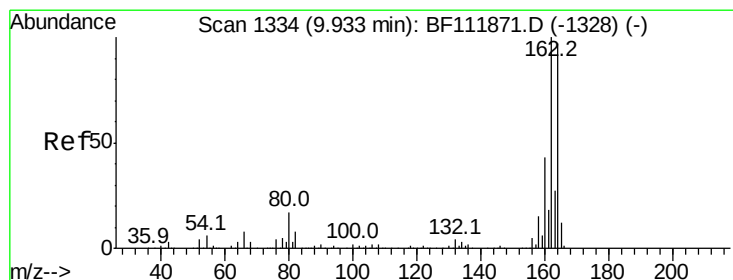
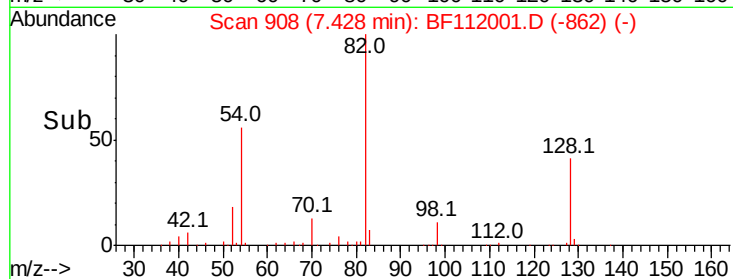
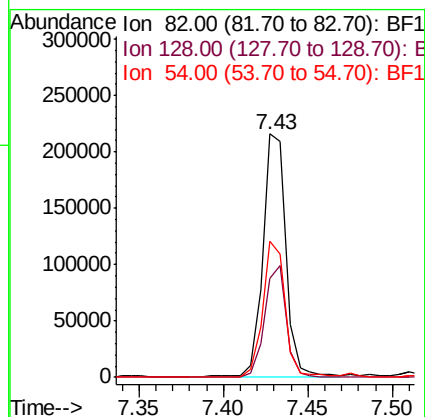
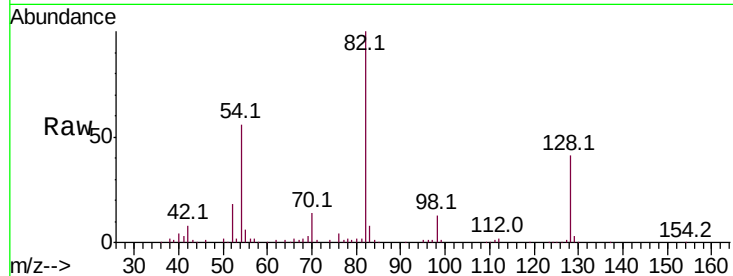




#23
 Nitrobenzene-d5
 Concen: 35.993 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF112001.D
 Acq: 10 Jan 2019 21:32

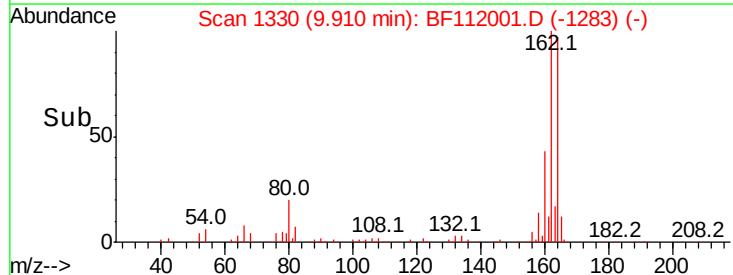
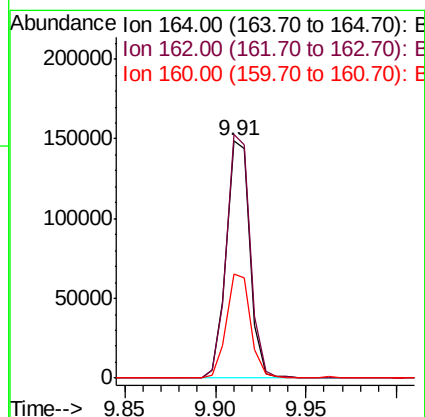
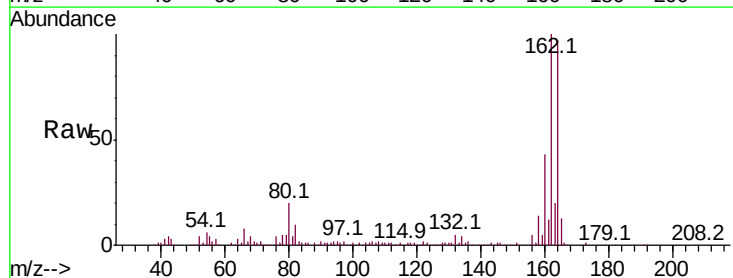
Instrument :
 BNA_F
 ClientSampled :

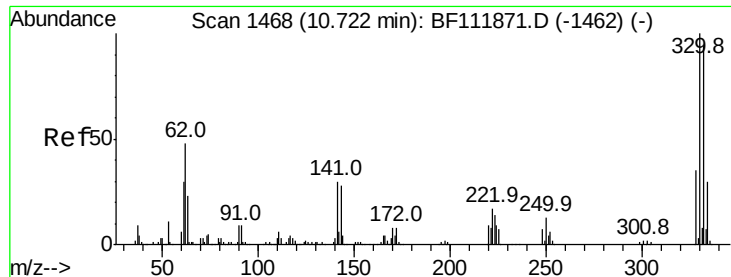
Tot Ion	82	Resp	204827
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
54	56.2	45.8	68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF112001.D
 Acq: 10 Jan 2019 21:32

Tgt Ion	164	Resp	135917
Ion Ratio	100		
Lower	82.2		
Upper	123.2		
162	102.6	35.5	53.3
160	43.7		

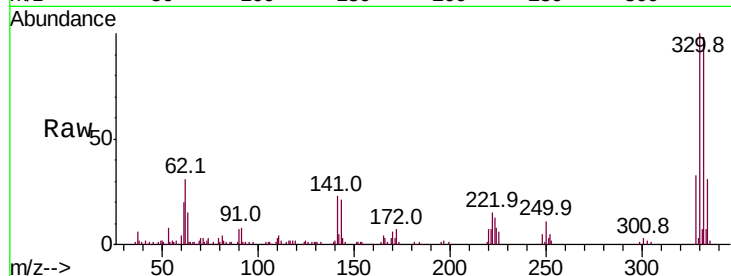




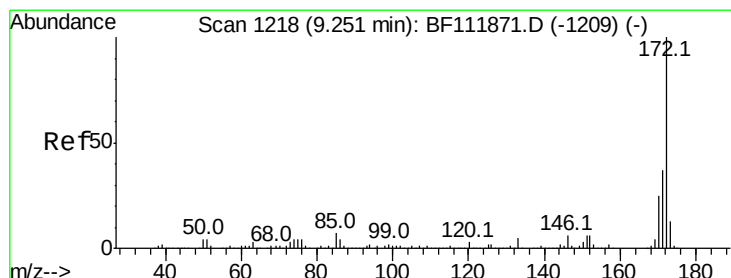
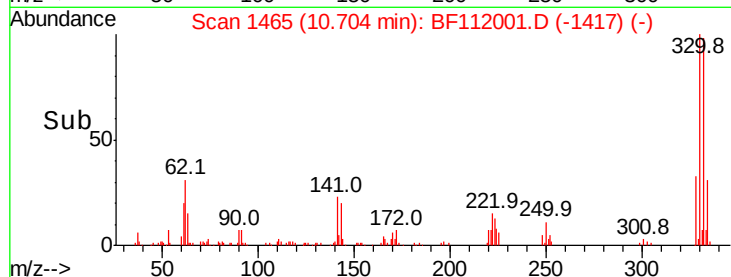
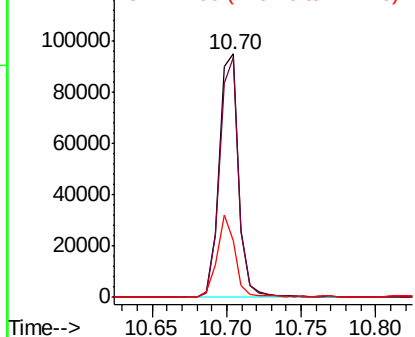
#42
 2,4,6-Tribromophenol
 Concen: 49.908 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF112001.D
 Acq: 10 Jan 2019 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88230
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 31.1 23.7 35.5

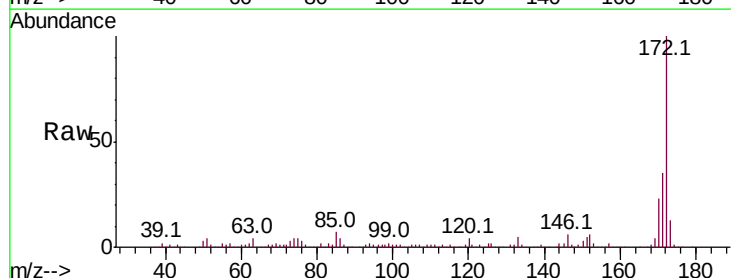


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

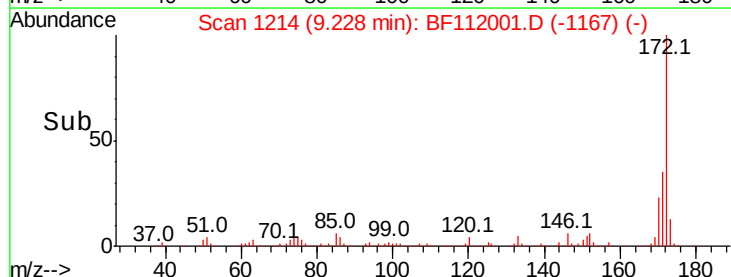
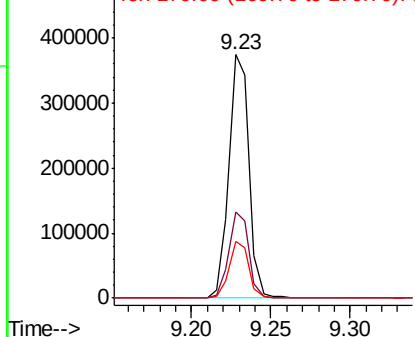


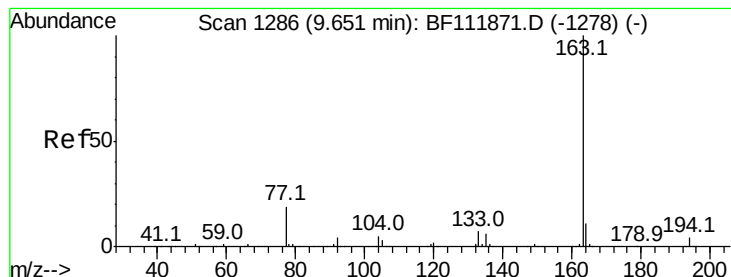
#45
 2-Fluorobiphenyl
 Concen: 35.211 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF112001.D
 Acq: 10 Jan 2019 21:32

Tgt Ion:172 Resp: 328201
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.2 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: 7.850 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF112001.D

Acq: 10 Jan 2019 21:32

Instrument :

BNA_F

ClientSampleId :

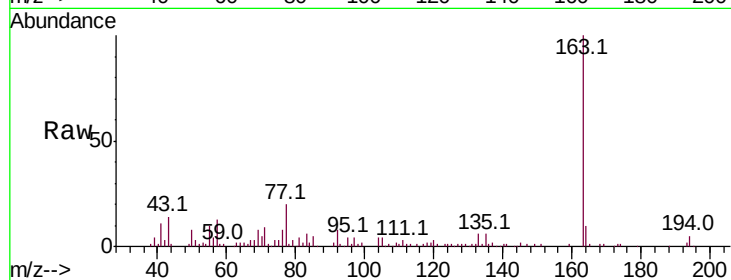
Tot Ion:163 Resp: 80153

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

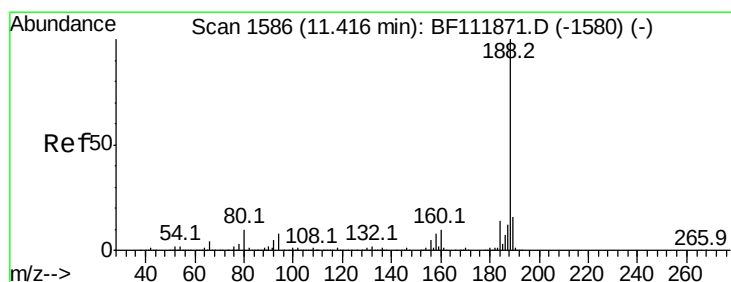
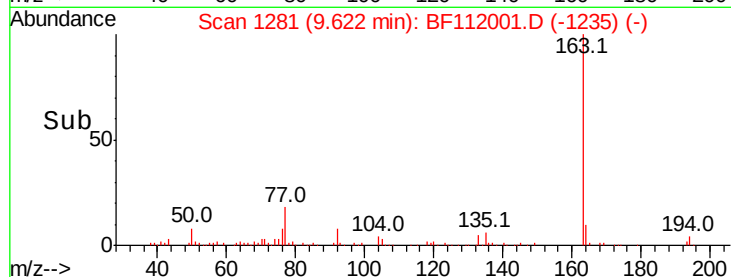
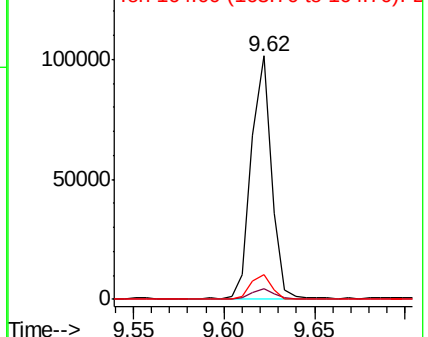
164 10.1 8.5 12.7



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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF112001.D

Acq: 10 Jan 2019 21:32

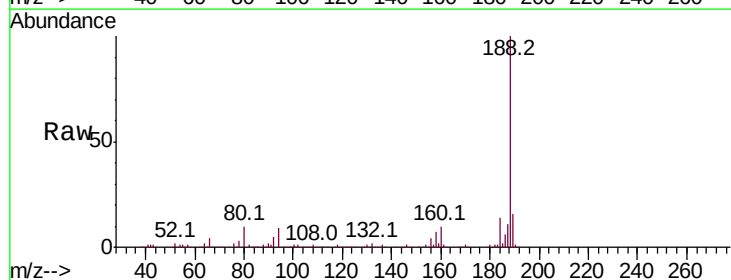
Tgt Ion:188 Resp: 269978

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

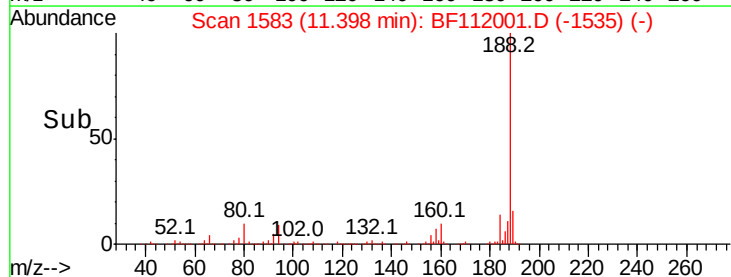
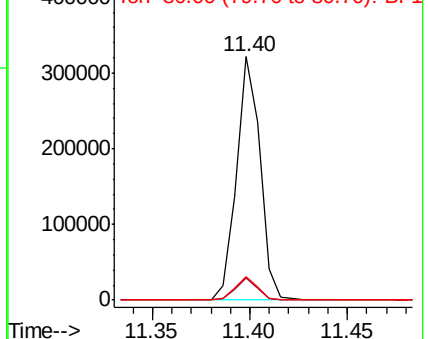
80 9.8 7.7 11.5

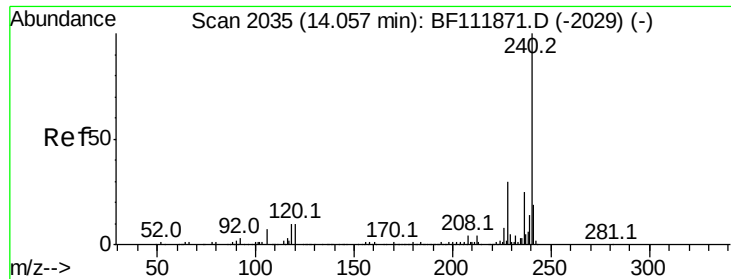


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

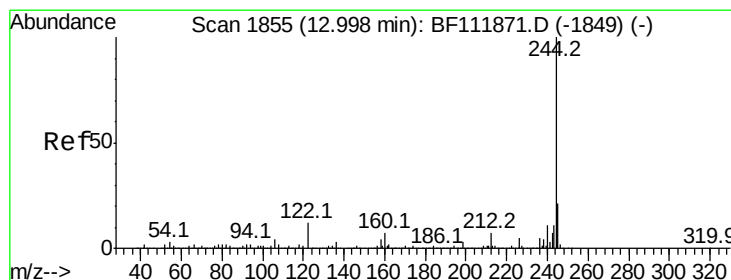
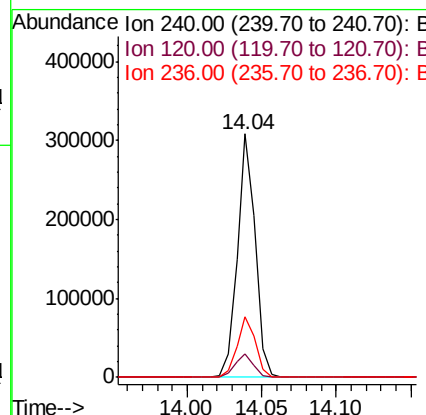
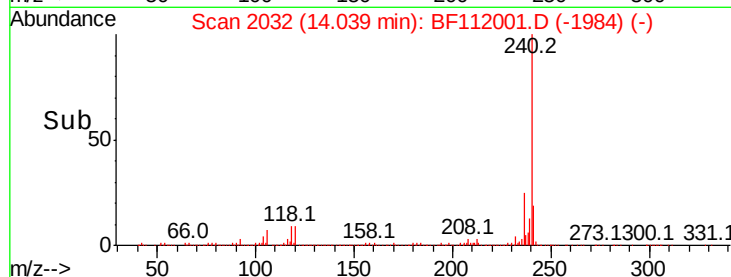
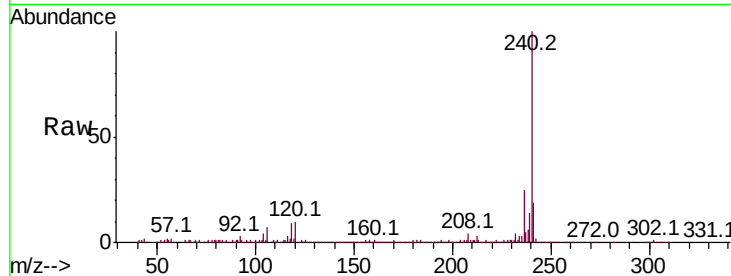




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF112001.D
 Acq: 10 Jan 2019 21:32

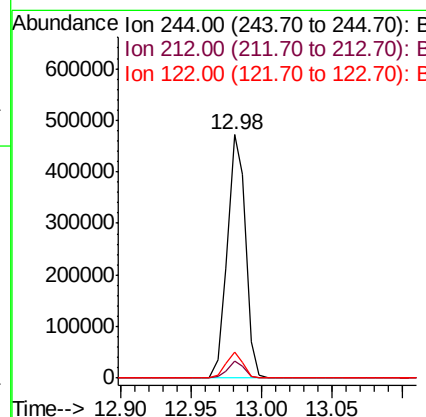
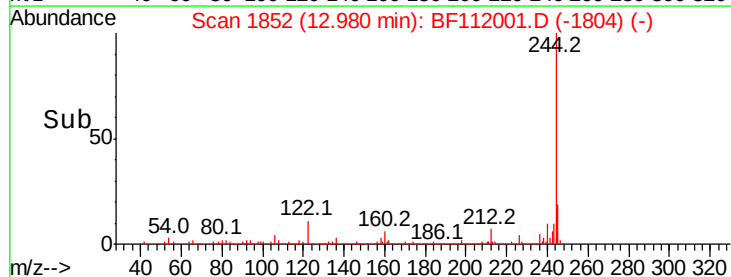
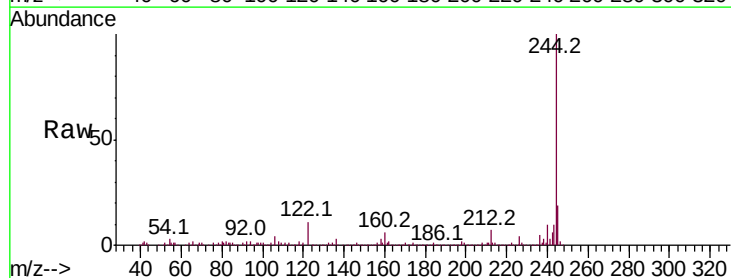
Instrument :
 BNA_F
 ClientSampleId :

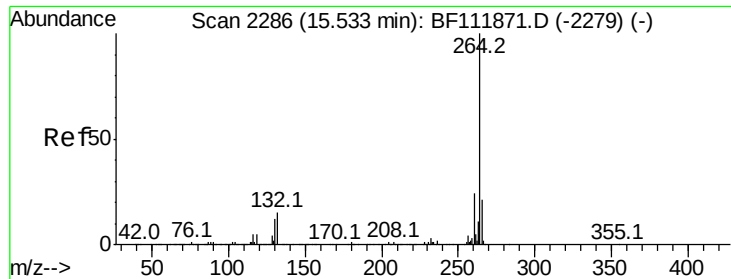
Tot Ion:240 Resp: 261572
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.2 12.2
 236 24.9 20.2 30.4



#79
 Terphenyl-d14
 Concen: 30.618 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF112001.D
 Acq: 10 Jan 2019 21:32

Tgt Ion:244 Resp: 421910
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.5 9.5 14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF112001.D
Acq: 10 Jan 2019 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.1	25.7

