

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112039.D
 Acq On : 12 Jan 2019 2:35
 Operator : JU/SJ
 Sample : K1114-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-B

Quant Time: Jan 12 04:20:03 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	106559	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	374585	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	168121	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	314974	20.00	ng	0.00
76) Chrysene-d12	14.04	240	255176	20.00	ng	0.00
87) Perylene-d12	15.52	264	183048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	590153	94.75	ng	0.00
7) Phenol-d6	6.52	99	747739	93.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	455444	64.98	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	193195	88.35	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	862703	74.83	ng	0.00
79) Terphenyl-d14	12.99	244	966486	71.90	ng	0.00

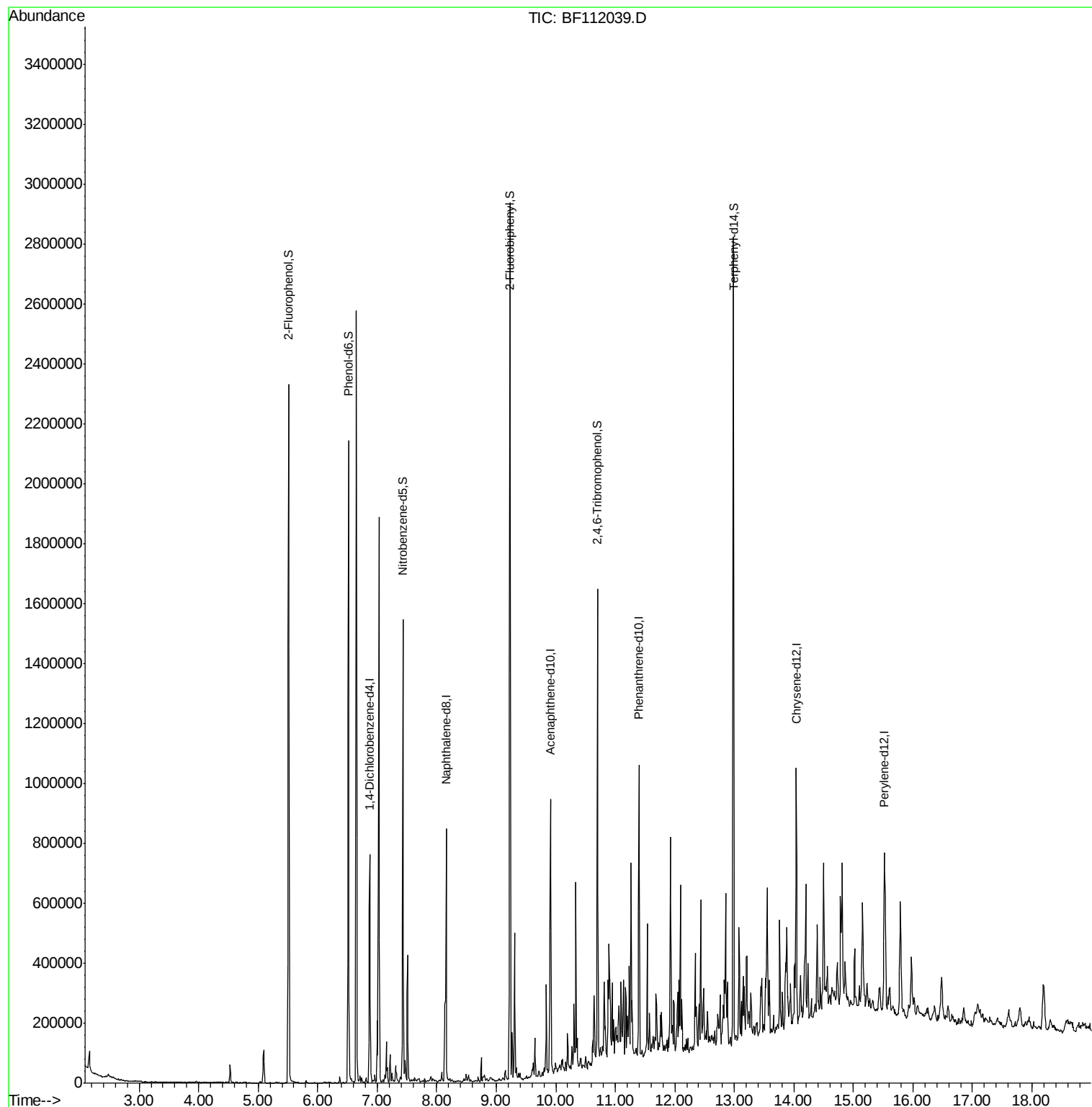
Target Compounds Qvalue

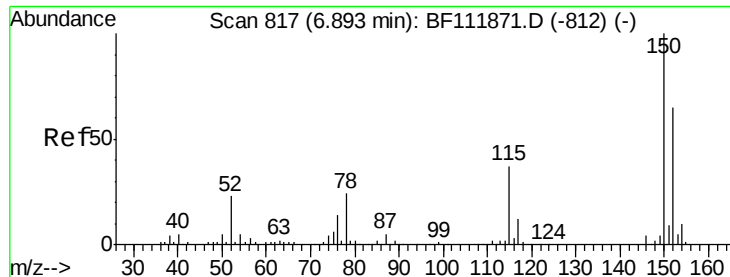
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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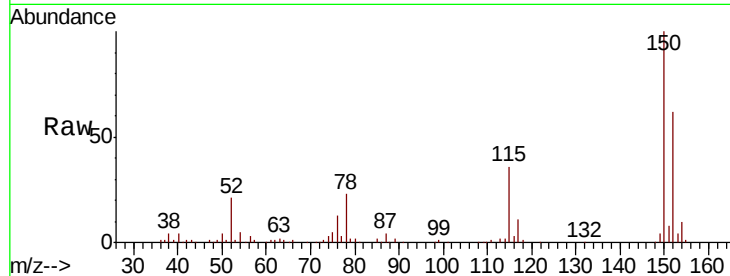


#1

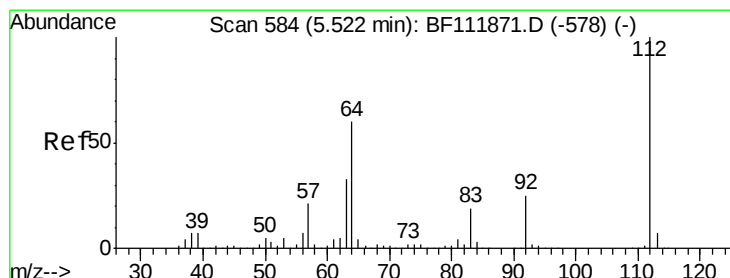
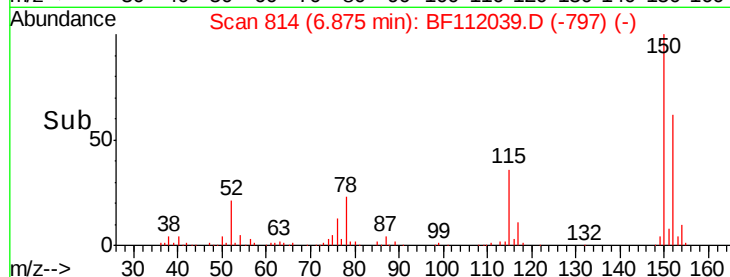
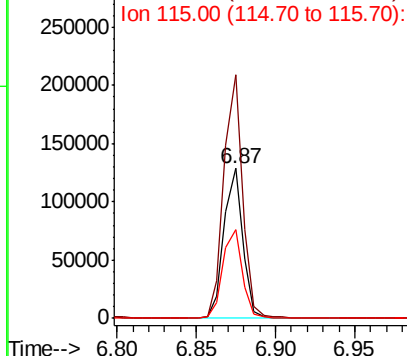
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112039.D
Acq: 12 Jan 2019 2:35

Instrument :
BNA_F
ClientSampleId :
PM-B

Tot Ion:152 Resp: 106559
Ion Ratio Lower Upper
152 100
150 162.5 122.7 184.1
115 59.2 45.2 67.8



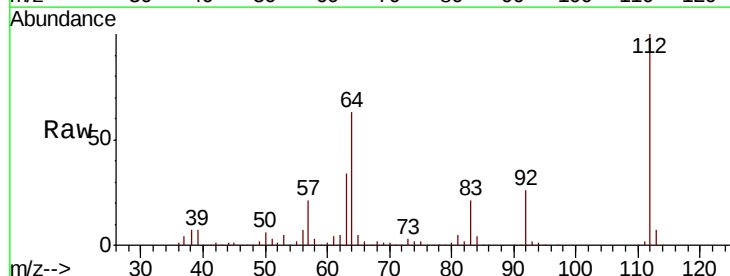
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



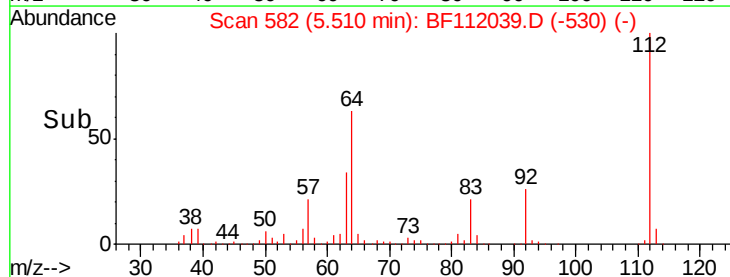
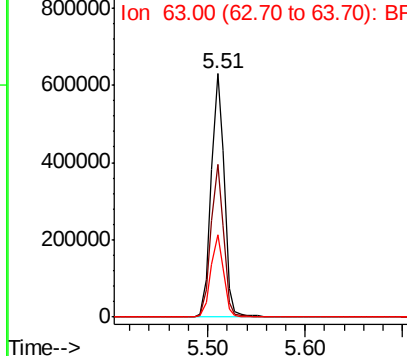
#5

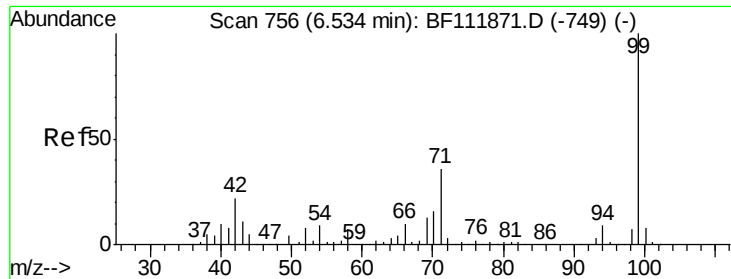
2-Fluorophenol
Concen: 94.750 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112039.D
Acq: 12 Jan 2019 2:35

Tgt Ion:112 Resp: 590153
Ion Ratio Lower Upper
112 100
64 62.7 48.3 72.5
63 33.8 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: 93.143 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

Instrument :

BNA_F

ClientSampled :

PM-B

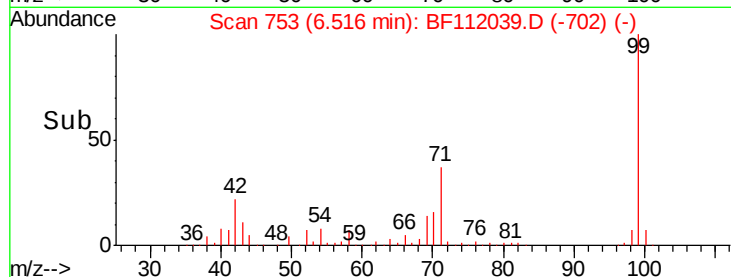
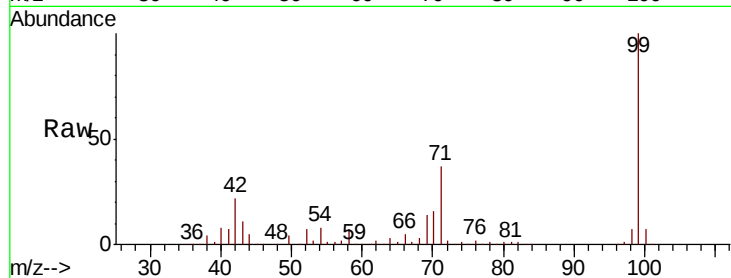
Tot Ion: 99 Resp: 747739

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

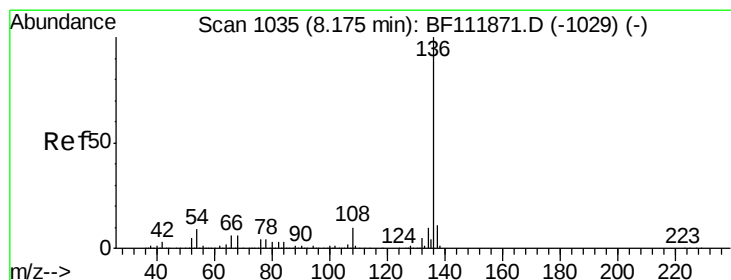
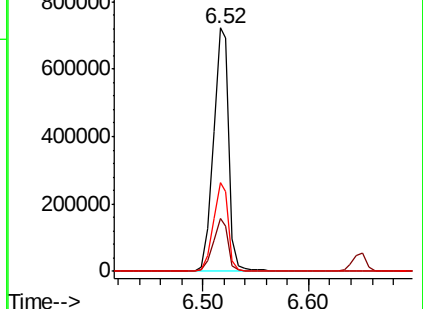
71 36.7 28.7 43.1



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. -0.00 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

Tgt Ion: 136 Resp: 374585

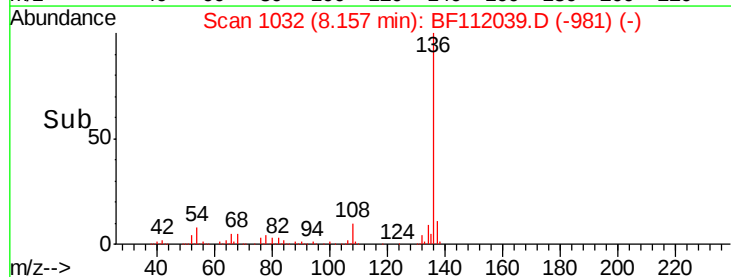
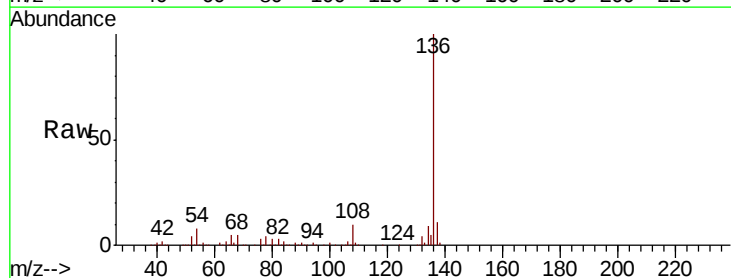
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.7 7.2 10.8

68 4.8 4.4 6.6

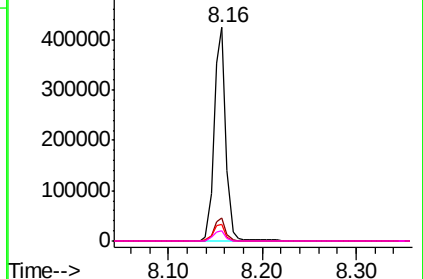


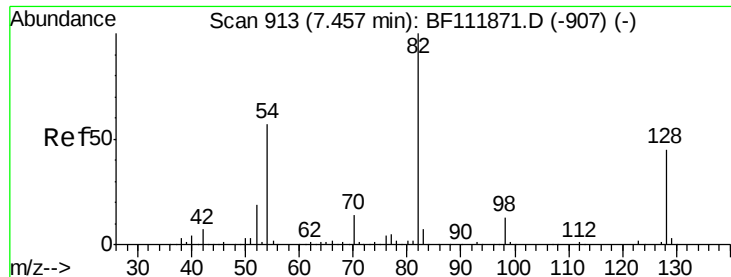
Abundance Ion 136.00 (135.70 to 136.70): E

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

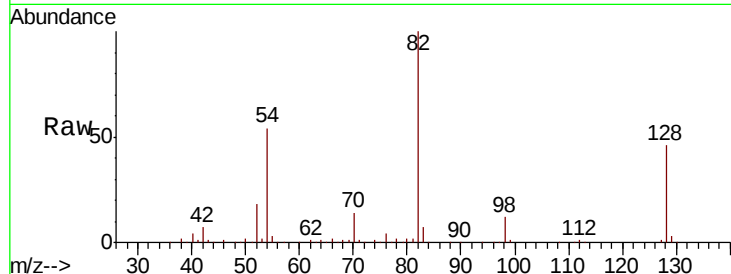




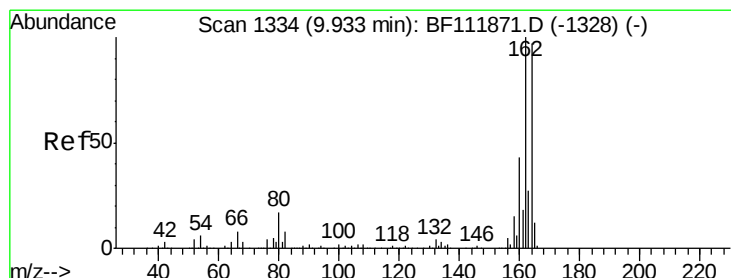
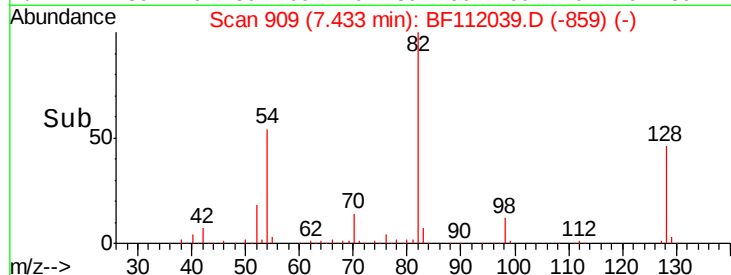
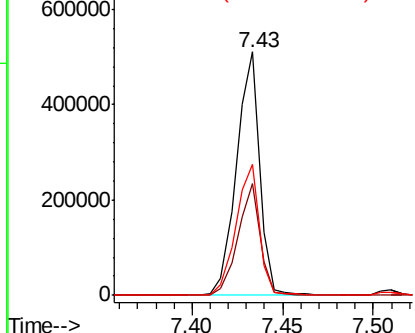
#23
 Nitrobenzene-d5
 Concen: 64.982 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Instrument :
 BNA_F
 ClientSampleID :
 PM-B

Tot Ion: 82 Resp: 455444
 Ion Ratio Lower Upper
 82 100
 128 46.0 35.7 53.5
 54 54.0 45.8 68.8

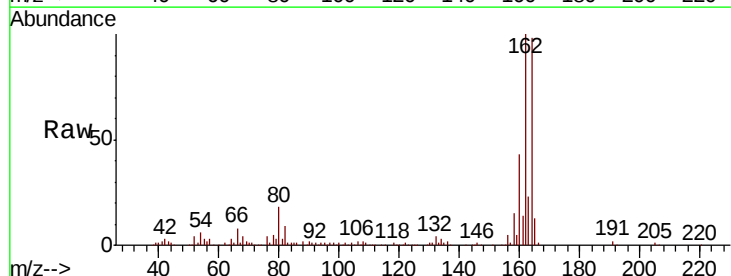


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

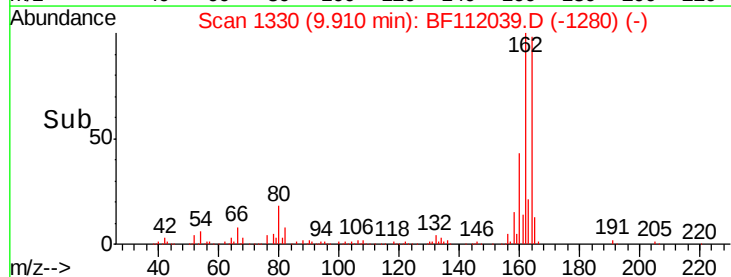
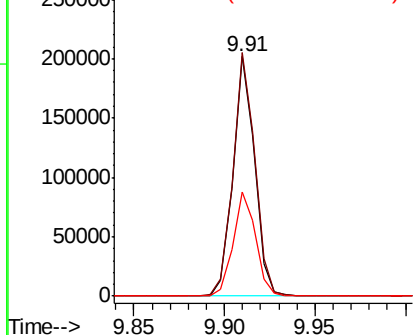


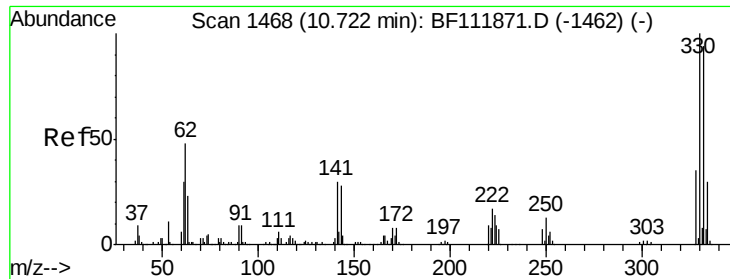
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion:164 Resp: 168121
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.2 123.2
 160 43.6 35.5 53.3



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

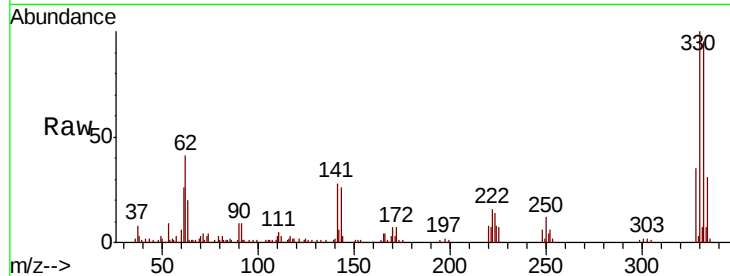




#42
 2,4,6-Tribromophenol
 Concen: 88.348 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PM-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	30.6	23.7	35.5

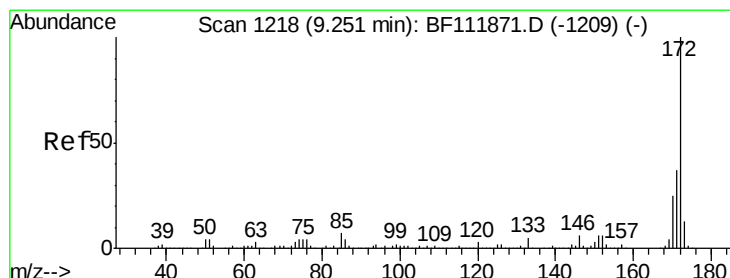
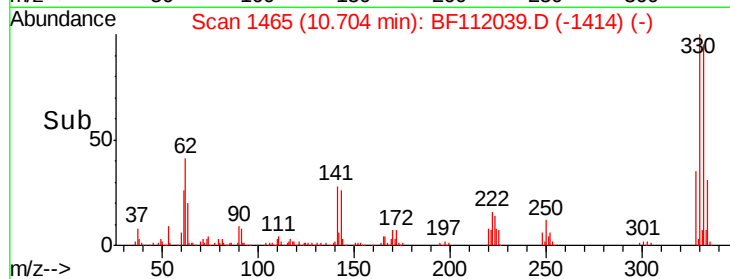
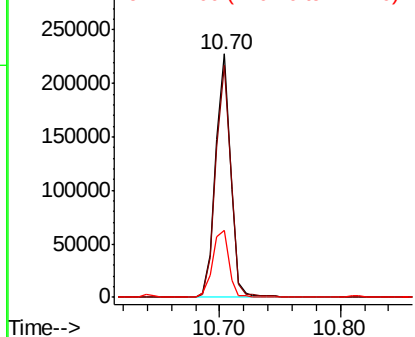


Abundance

Ion 329.80 (329.50 to 330.50): E

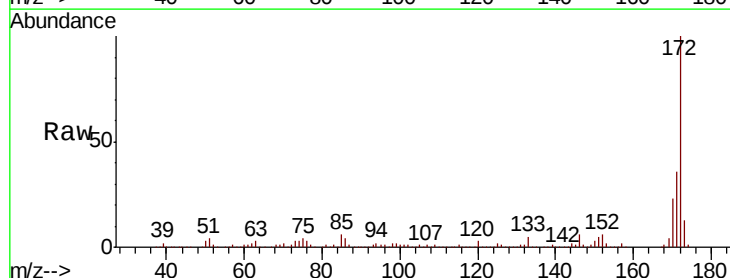
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.827 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112039.D
 Acq: 12 Jan 2019 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	19.8	29.8

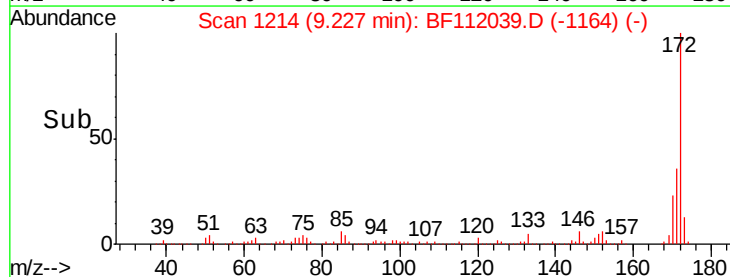
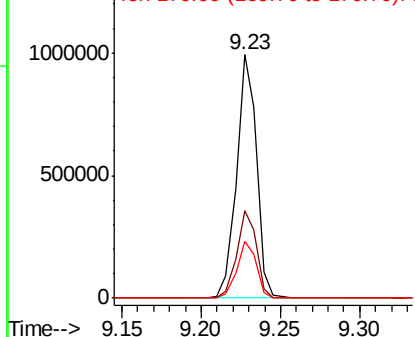


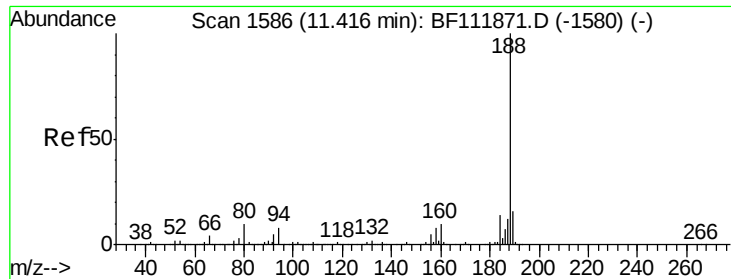
Abundance

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

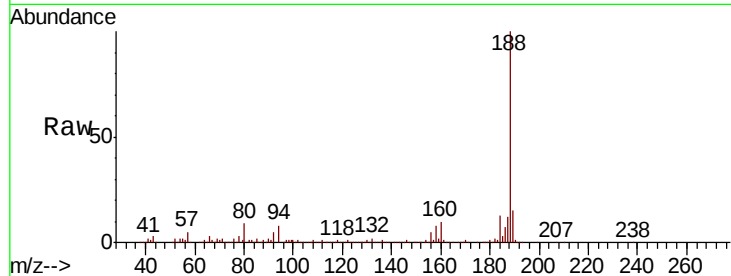




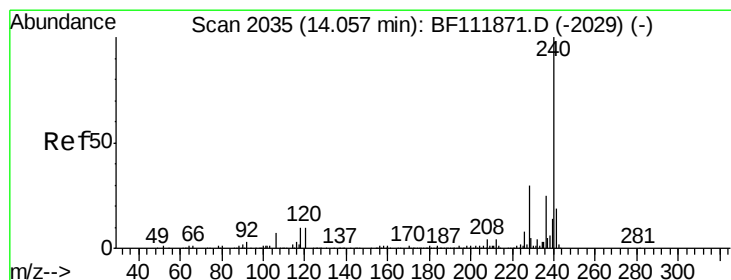
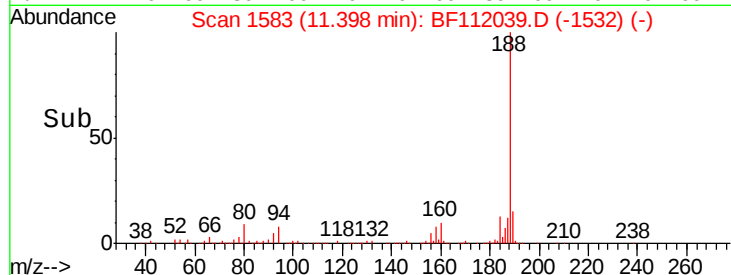
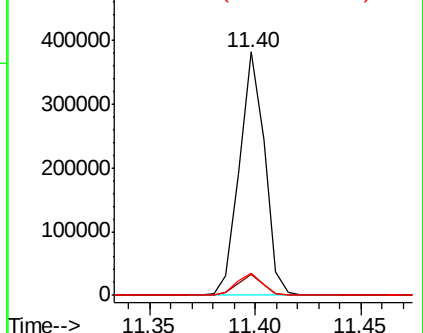
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112039.D
Acq: 12 Jan 2019 2:35

Instrument :
BNA_F
ClientSampled :
PM-B

Tot Ion:188 Resp: 314974
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 7.7 11.5

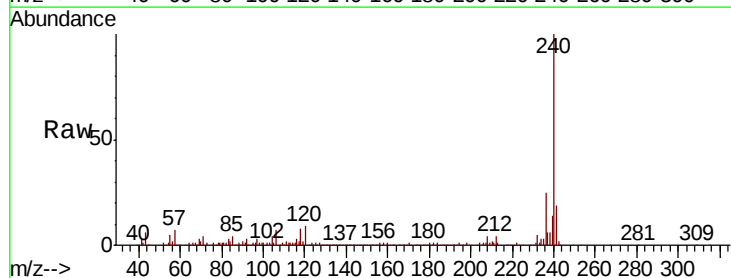


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

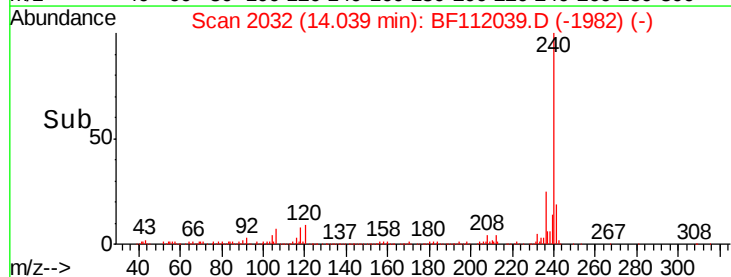
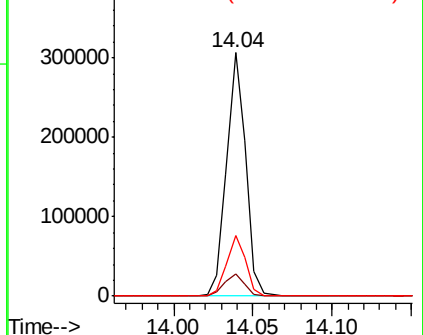


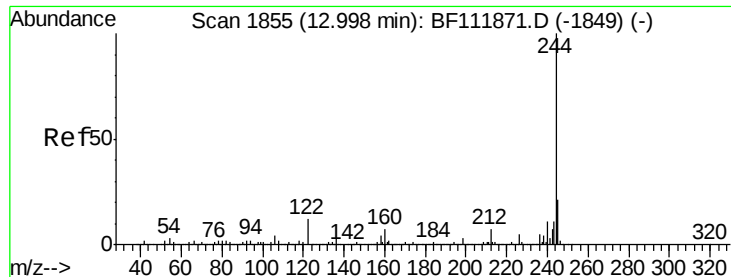
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112039.D
Acq: 12 Jan 2019 2:35

Tgt Ion:240 Resp: 255176
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 25.1 20.2 30.4



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: 71.896 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

Instrument :

BNA_F

ClientSampled :

PM-B

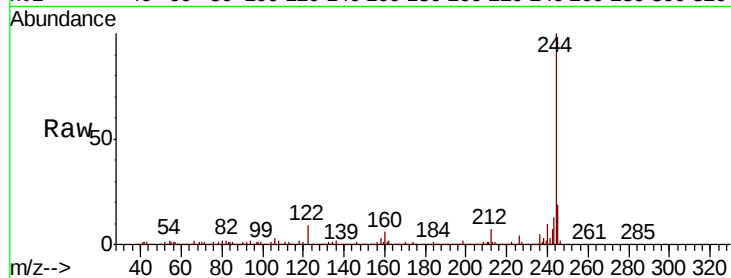
Tot Ion:244 Resp: 966486

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

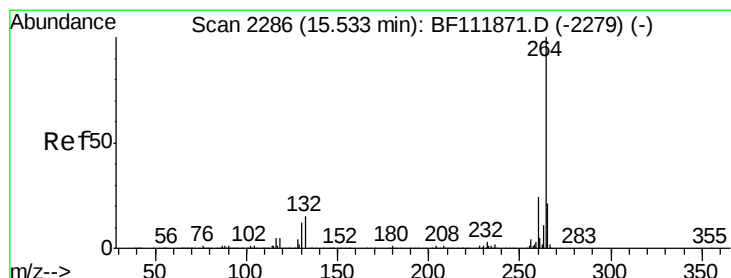
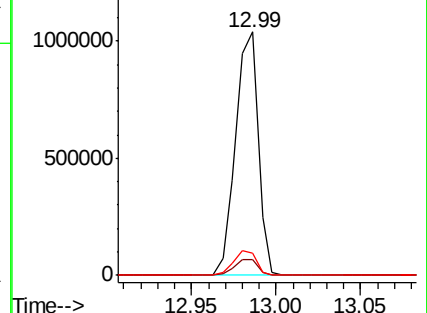
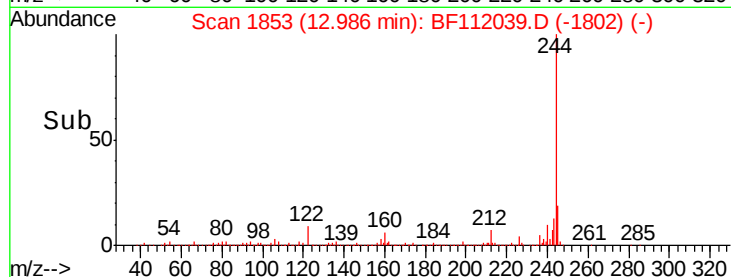
122 9.2 9.5 14.3#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112039.D

Acq: 12 Jan 2019 2:35

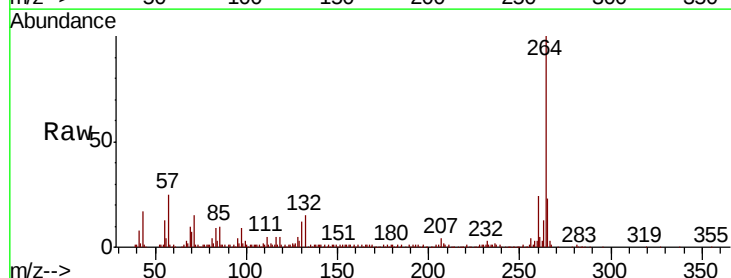
Tgt Ion:264 Resp: 183048

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

