

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110116.D
 Acq On : 24 Oct 2018 15:47
 Operator : JU/SJ
 Sample : J5603-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Quant Time: Oct 25 04:09:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141067	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	510363	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	199176	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	332531	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	275736	20.00	ng	-0.01
87) Perylene-d12	15.67	264	206091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	437216	50.47	ng	-0.01
7) Phenol-d6	6.58	99	325610	29.39	ng	-0.02
23) Nitrobenzene-d5	7.53	82	670080	77.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	196126	99.41	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1133594	89.37	ng	-0.01
79) Terphenyl-d14	13.09	244	991589	74.79	ng	-0.02

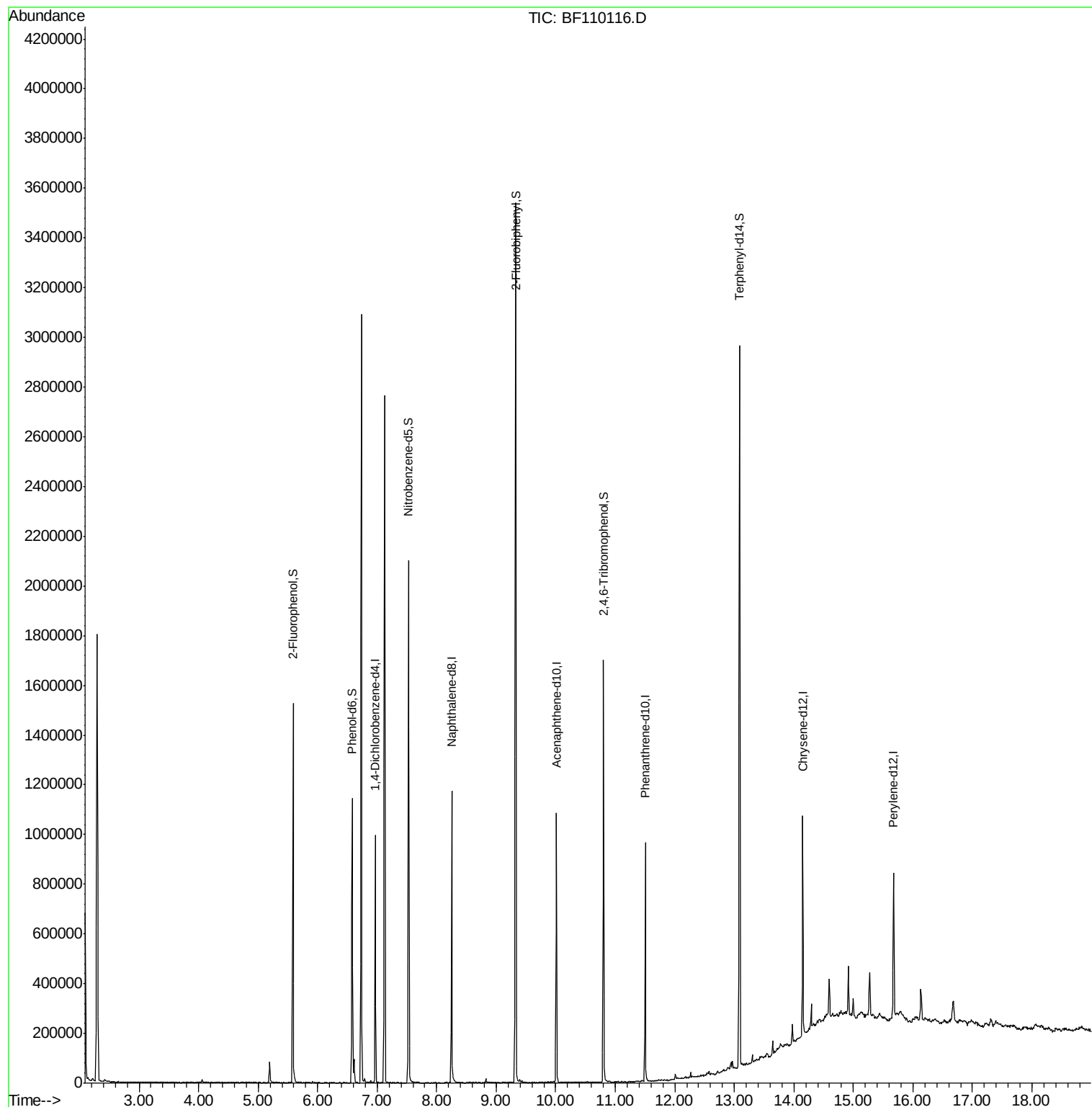
Target Compounds Qvalue

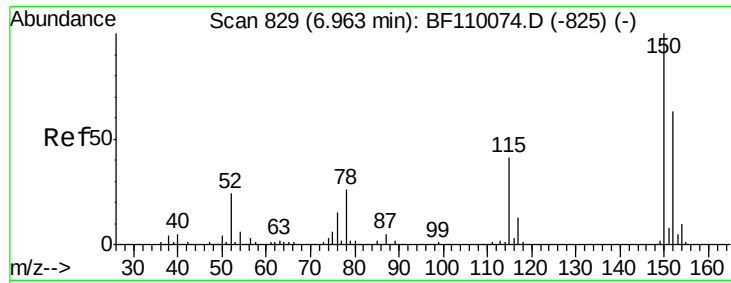
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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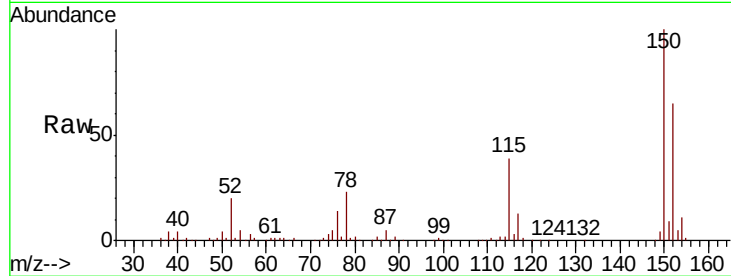


#1

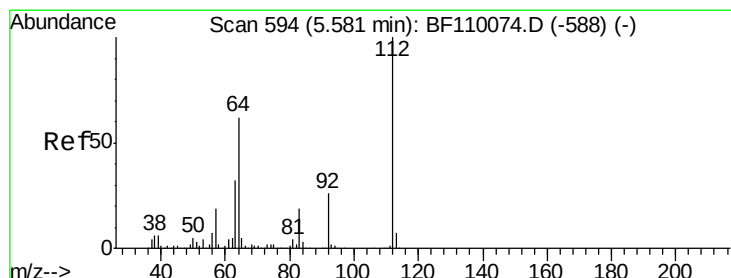
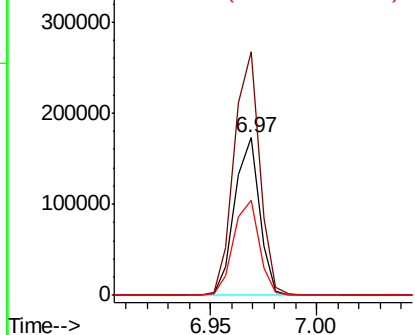
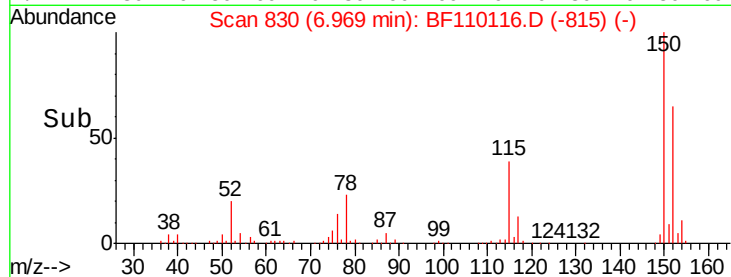
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Instrument :
BNA_F
ClientSampleId :
RAV-GT111

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.7	184.1
115	60.3	49.1	73.7



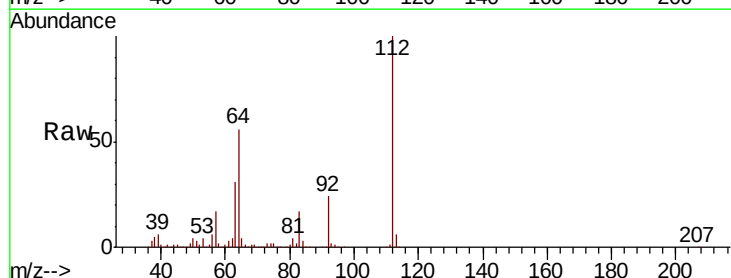
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



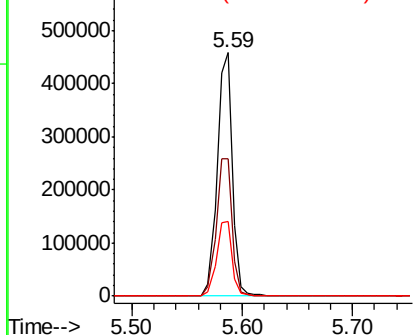
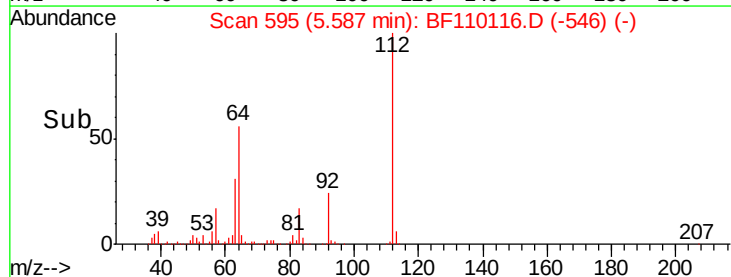
#5

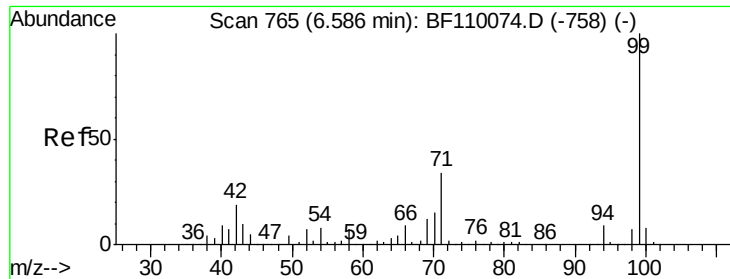
2-Fluorophenol
Concen: 50.471 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.1	66.1
63	30.6	23.7	35.5



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: 29.387 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Instrument :

BNA_F

ClientSampled :

RAV-GT111

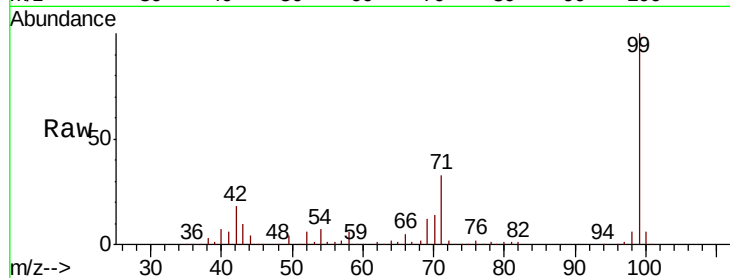
Tot Ion: 99 Resp: 325610

Ion Ratio Lower Upper

99 100

42 17.7 15.8 23.6

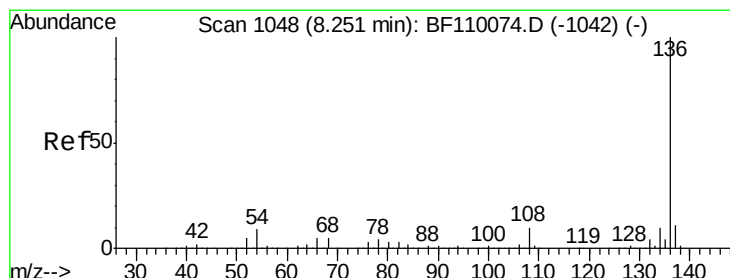
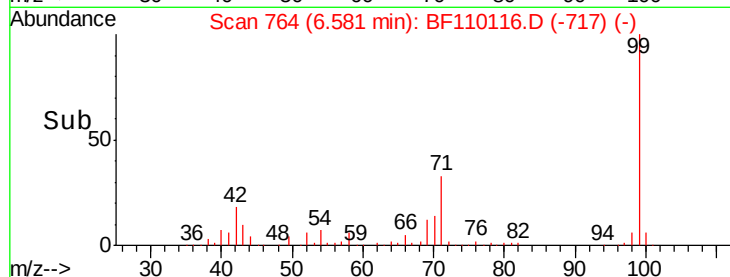
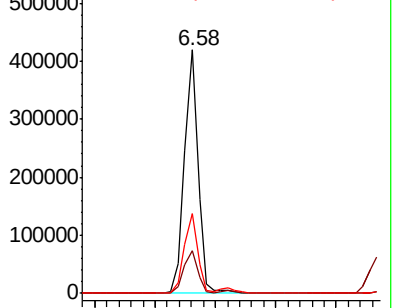
71 32.6 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Tgt Ion: 136 Resp: 510363

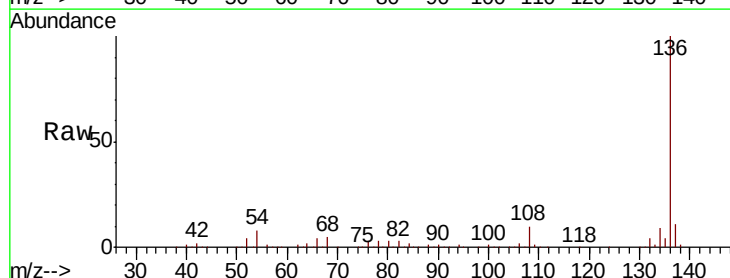
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.5 4.2 6.2

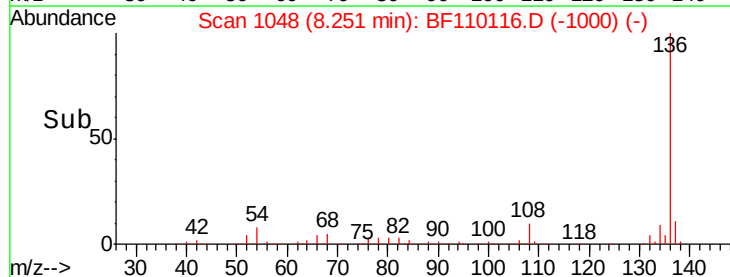
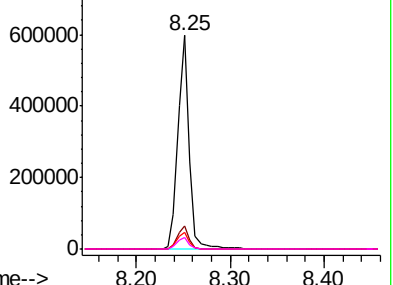


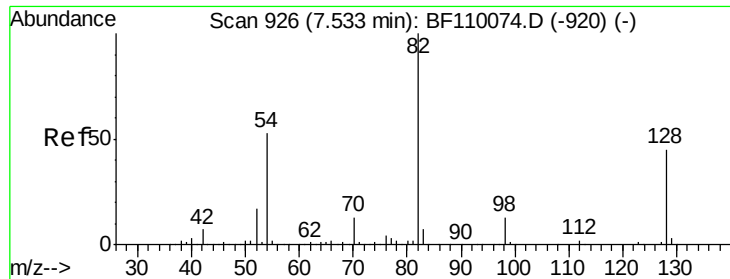
Abundance Ion 136.00 (135.70 to 136.70): E

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

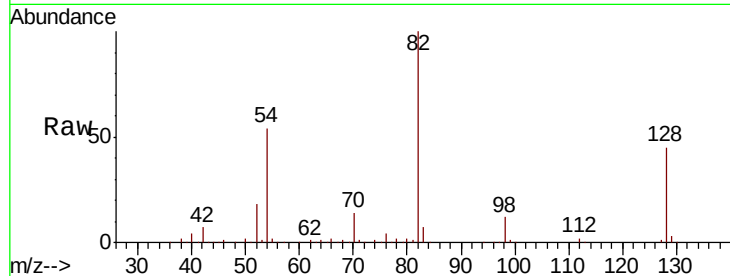




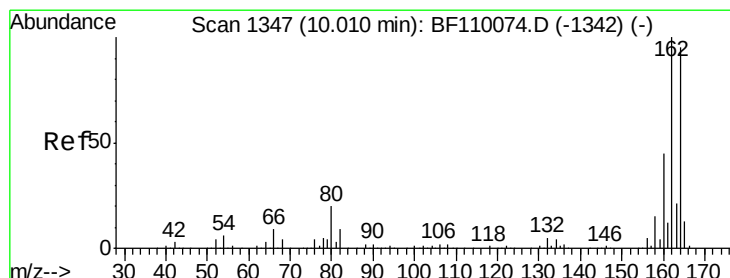
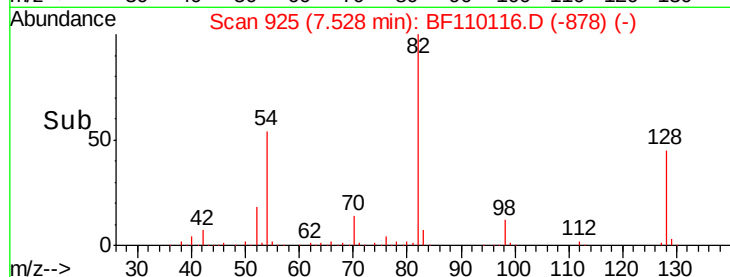
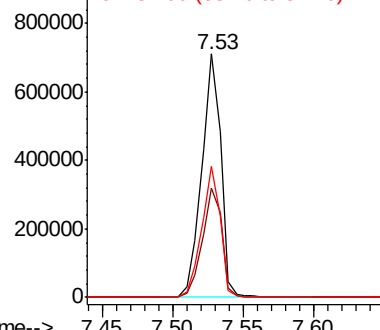
#23
Nitrobenzene-d5
Concen: 77.875 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Instrument :
BNA_F
ClientSampleId :
RAV-GT111

Tot Ion: 82 Resp: 670080
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.2
54 53.6 38.6 58.0

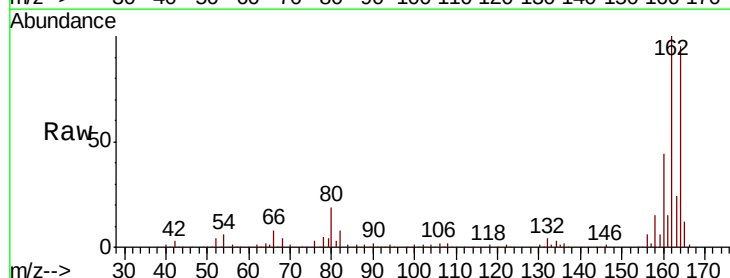


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

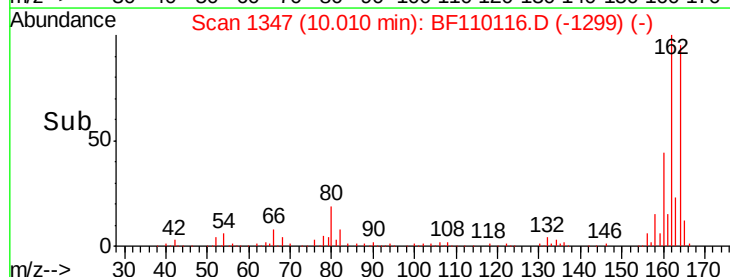
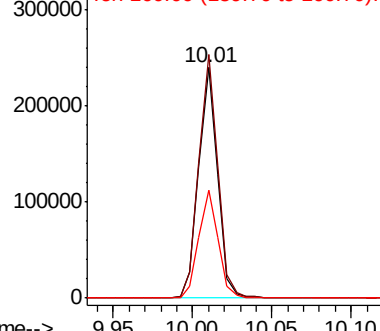


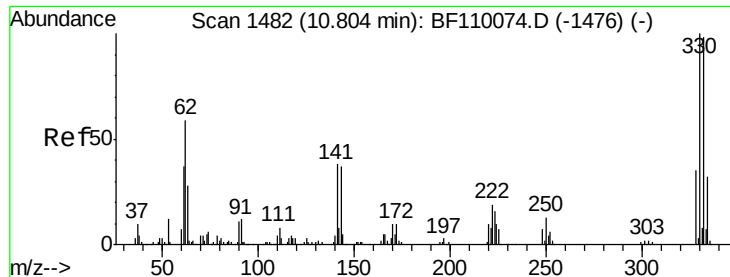
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Tgt Ion:164 Resp: 199176
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 47.0 37.0 55.6



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

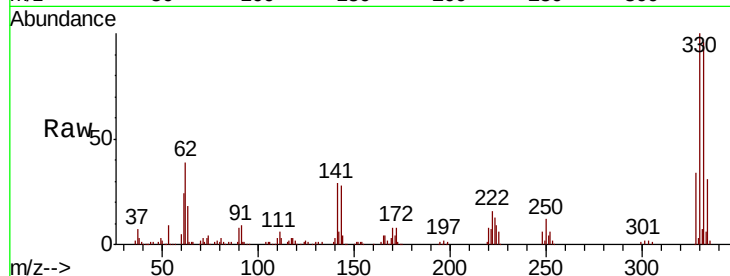




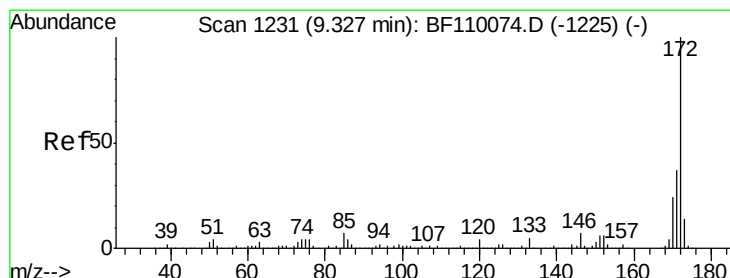
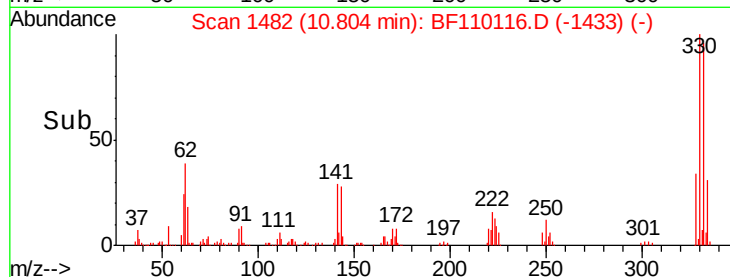
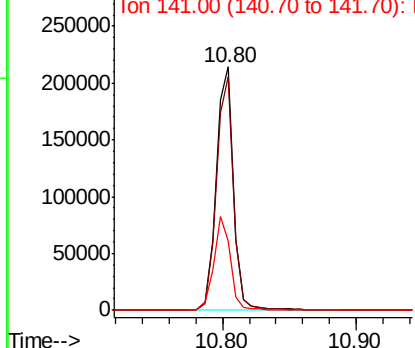
#42
 2,4,6-Tribromophenol
 Concen: 99.406 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110116.D
 Acq: 24 Oct 2018 15:47

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT111

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	37.1	27.0	40.4

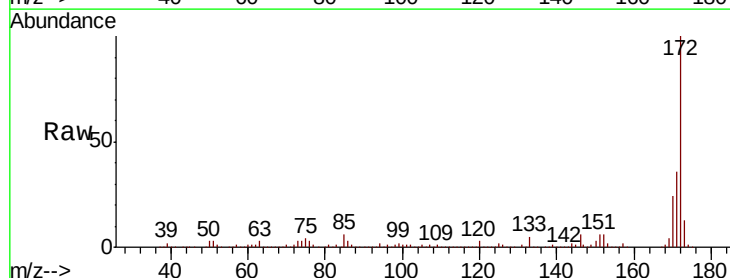


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

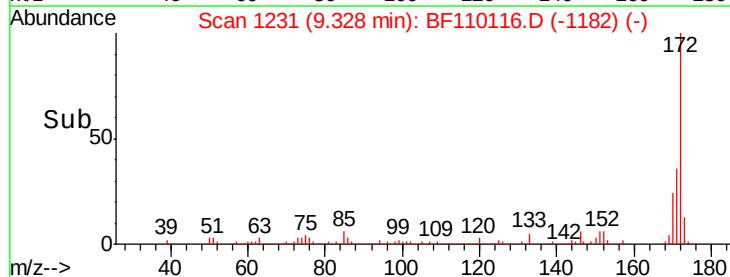
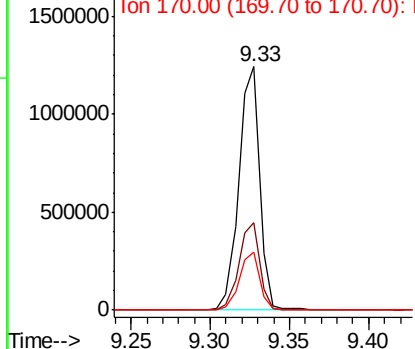


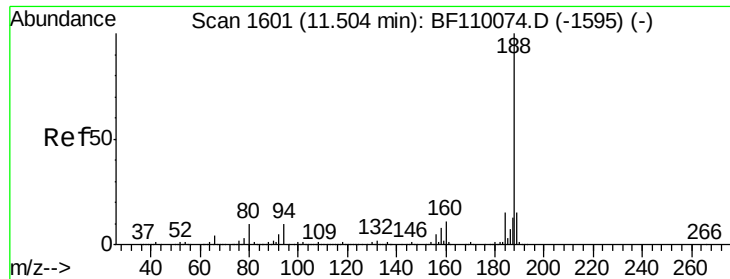
#45
 2-Fluorobiphenyl
 Concen: 89.370 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110116.D
 Acq: 24 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.7	19.7	29.5



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

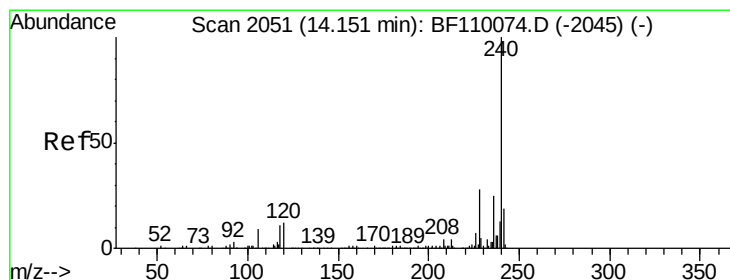
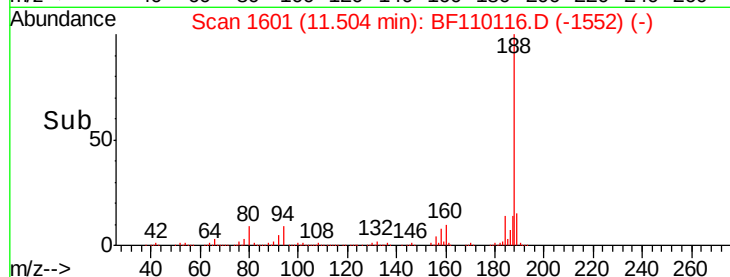
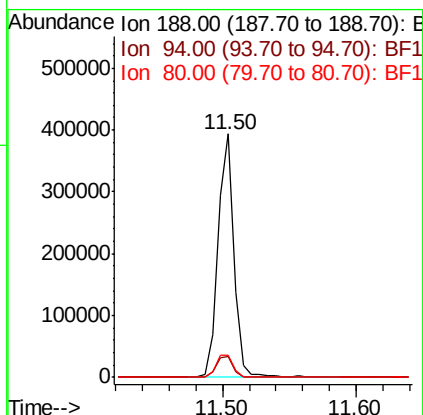
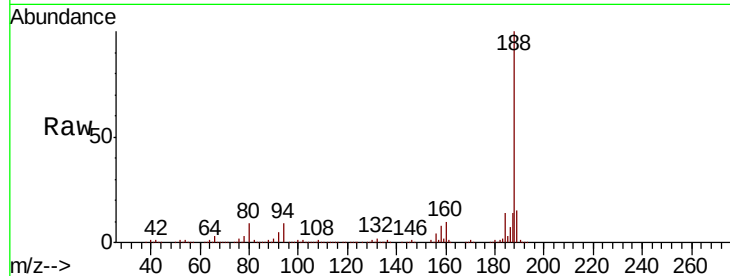




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

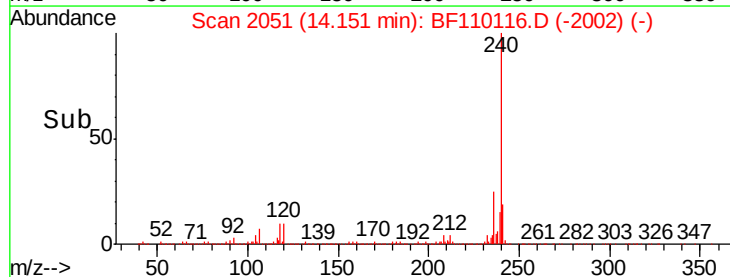
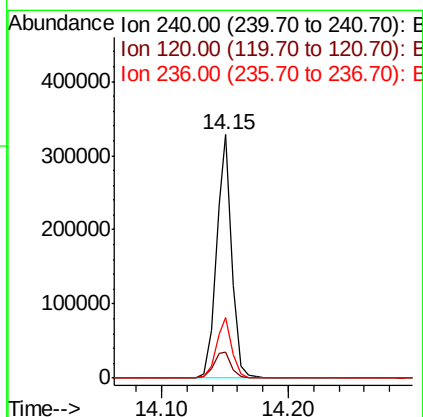
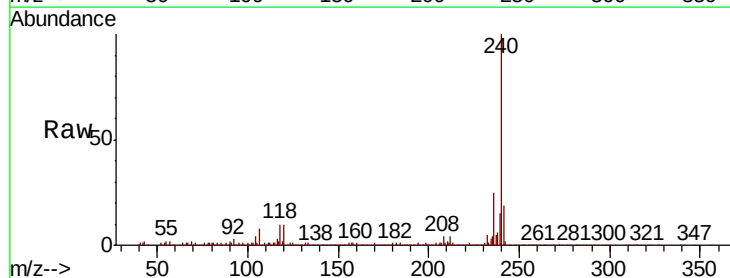
Instrument :
BNA_F
ClientSampleId :
RAV-GT111

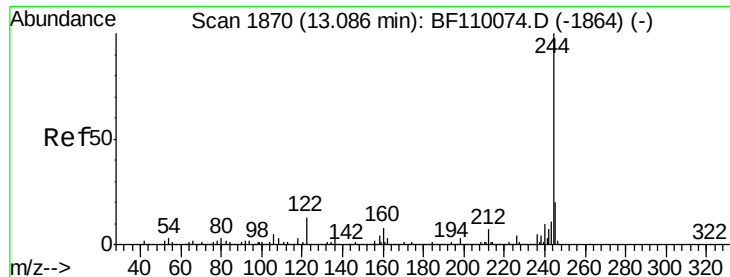
Tot Ion:188 Resp: 332531
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Tgt Ion:240 Resp: 275736
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.1 21.2 31.8





#79

Terphenyl-d14

Concen: 74.790 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Instrument :

BNA_F

ClientSampleId :

RAV-GT111

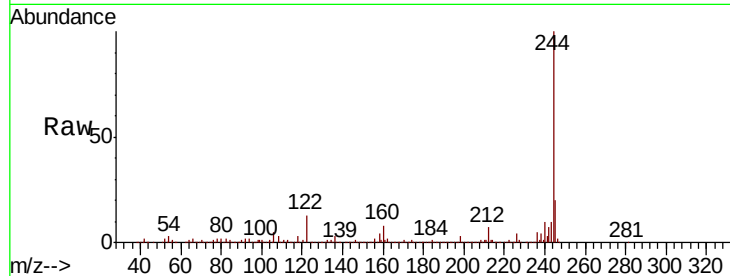
Tot Ion:244 Resp: 991589

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

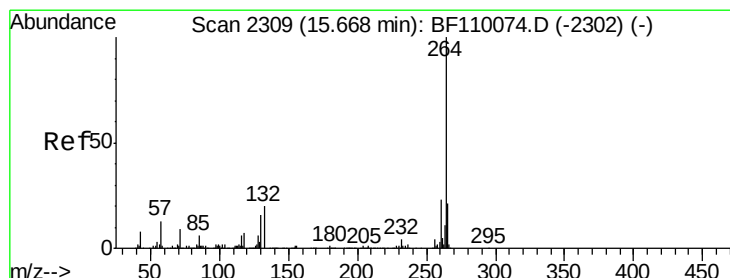
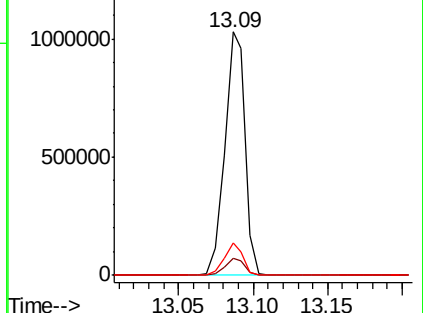
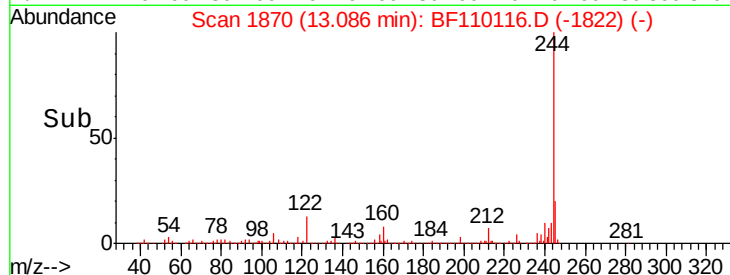
122 13.1 8.7 13.1#



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

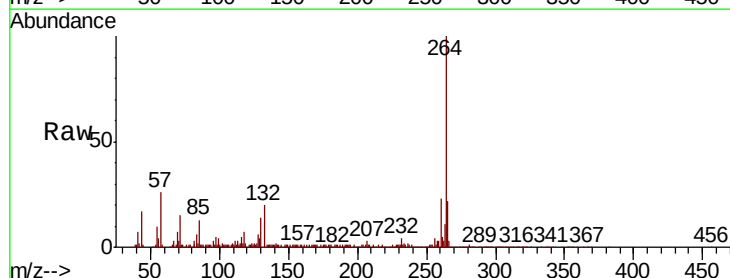
Tgt Ion:264 Resp: 206091

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 22.2 16.7 25.1



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

