

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111711.D
 Acq On : 26 Dec 2018 13:02
 Operator : JU/SJ
 Sample : PB115960BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BL

Quant Time: Dec 26 14:05:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	165227	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	612265	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	309725	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	589770	20.00	ng	0.00
76) Chrysene-d12	14.06	240	523945	20.00	ng	0.01
87) Perylene-d12	15.54	264	471656	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	817919	84.38	ng	0.02
7) Phenol-d6	6.54	99	1035587	83.95	ng	0.02
23) Nitrobenzene-d5	7.46	82	653729	62.15	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	306335	83.71	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1327169	62.46	ng	0.00
79) Terphenyl-d14	13.01	244	1502685	54.39	ng	0.01

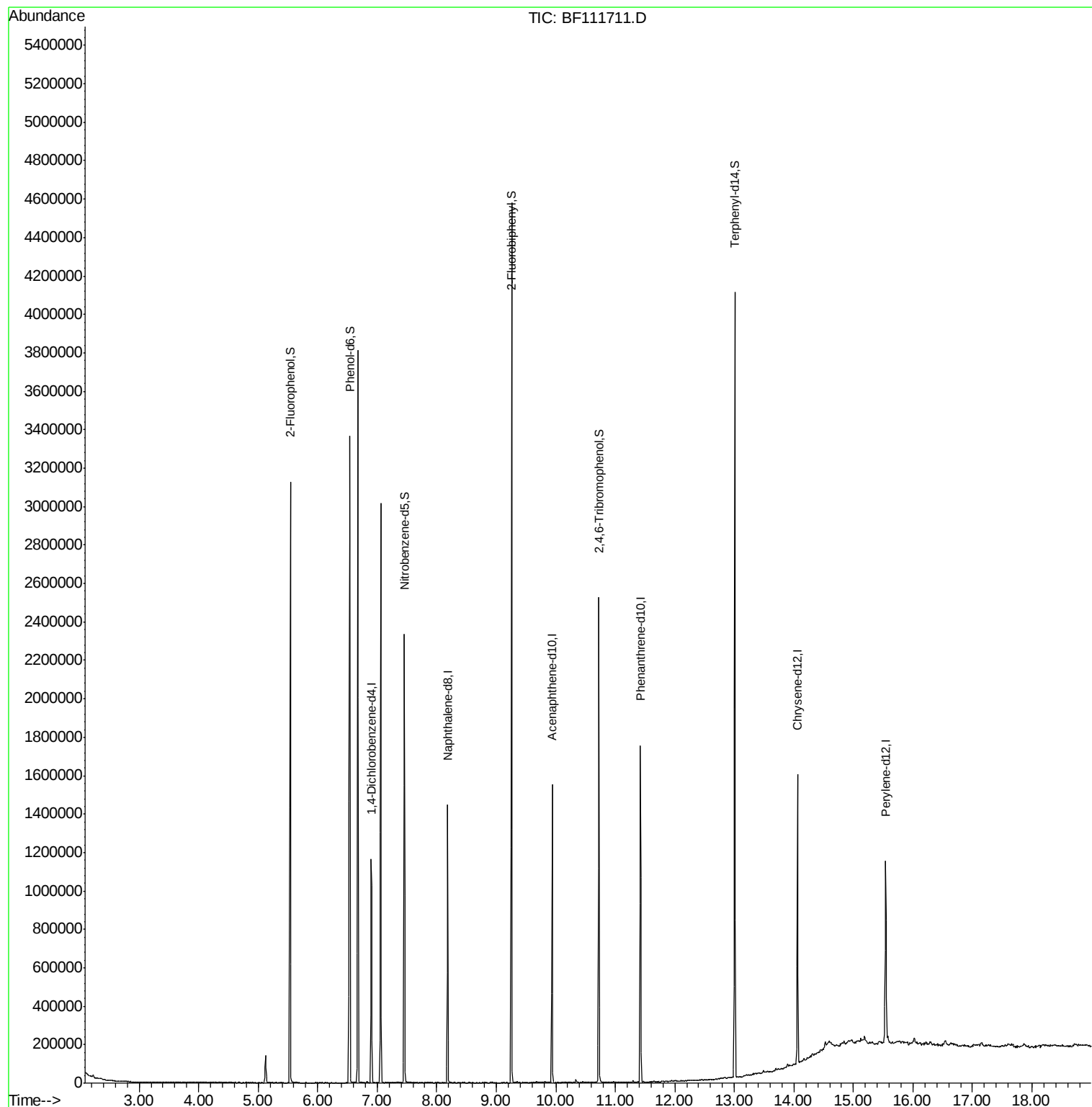
Target Compounds Qvalue

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

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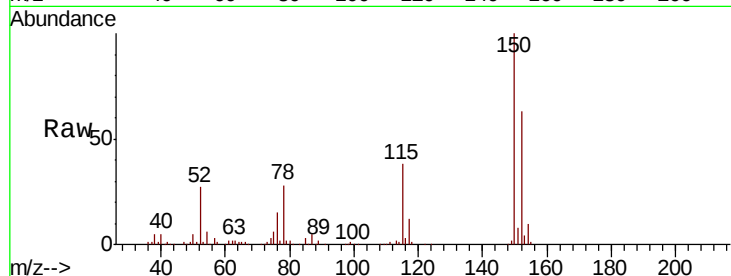


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111711.D
Acq: 26 Dec 2018 13:02

Instrument :
BNA_F
ClientSampleId :
PB115960BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	60.0	50.7	76.1

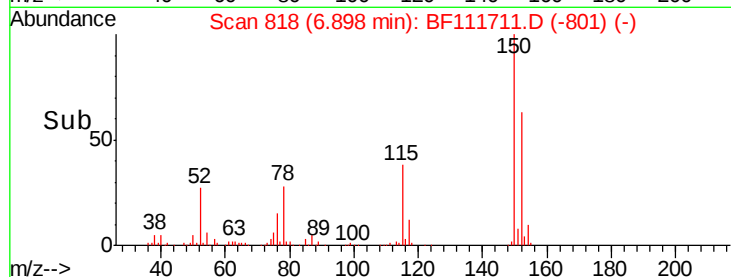
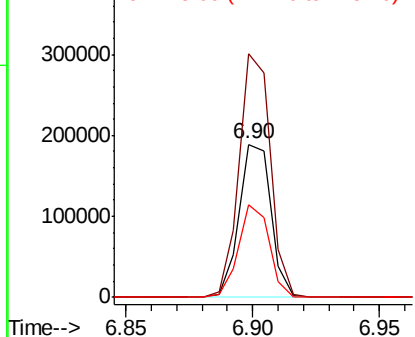


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

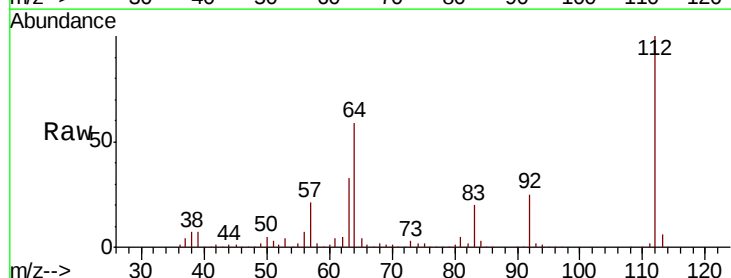
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.379 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111711.D
Acq: 26 Dec 2018 13:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	51.8	77.6
63	33.2	26.8	40.2

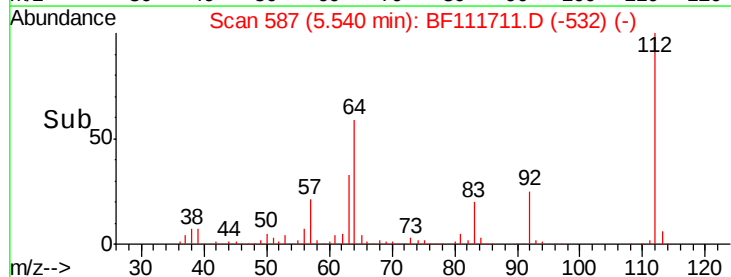
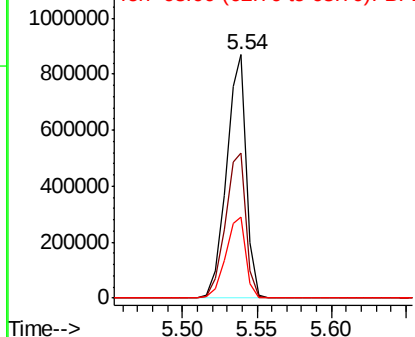


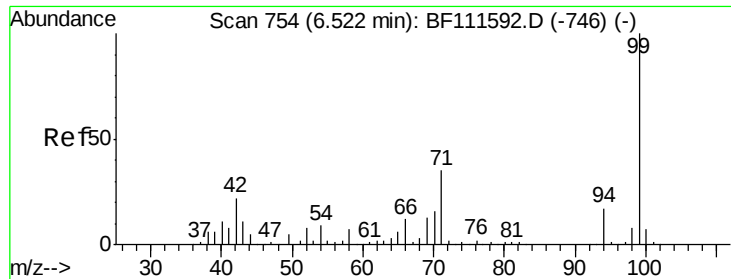
Abundance

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: 83.946 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111711.D

Acq: 26 Dec 2018 13:02

Instrument :

BNA_F

ClientSampleId :

PB115960BL

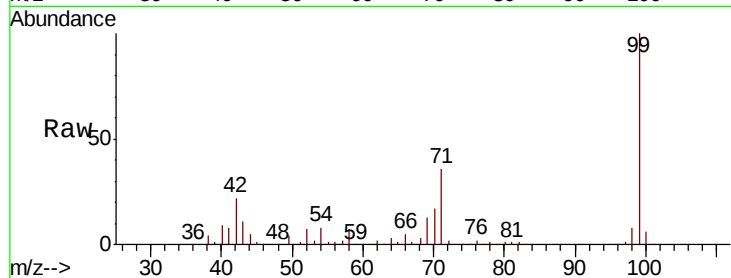
Tot Ion: 99 Resp: 1035587

Ion Ratio Lower Upper

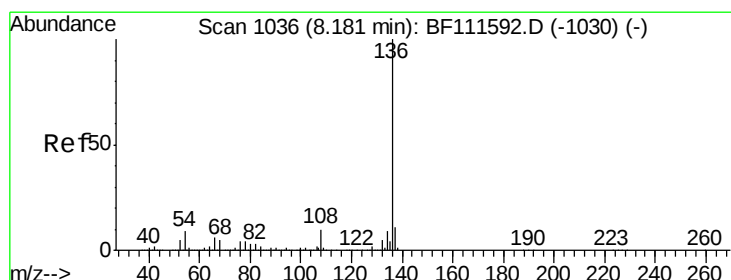
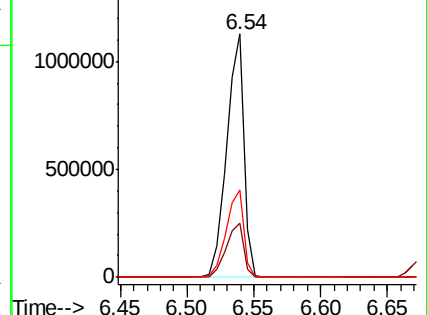
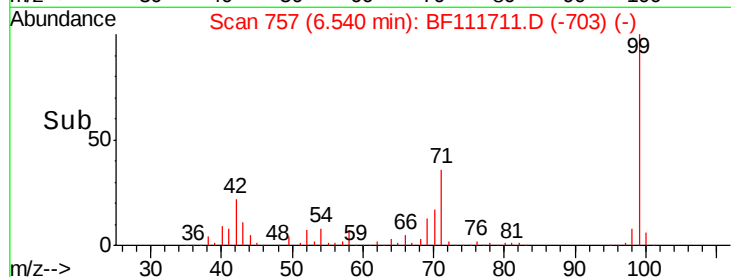
99 100

42 22.0 17.4 26.0

71 36.2 26.1 39.1



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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111711.D

Acq: 26 Dec 2018 13:02

Tgt Ion: 136 Resp: 612265

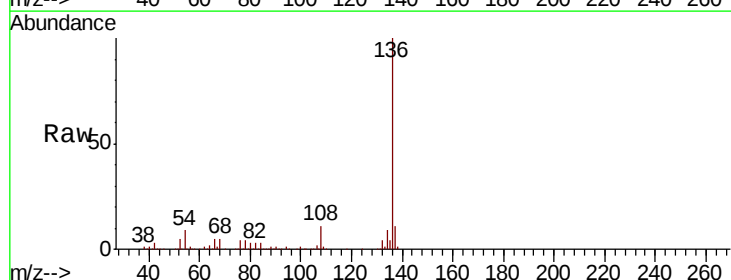
Ion Ratio Lower Upper

136 100

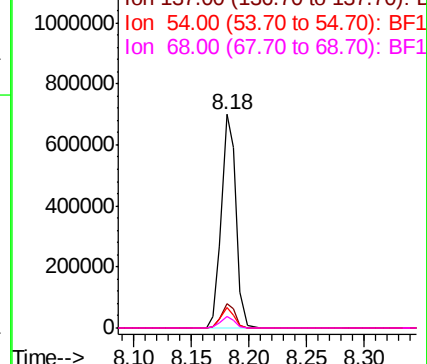
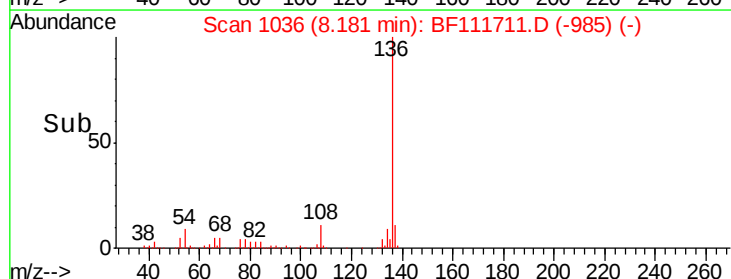
137 11.1 9.1 13.7

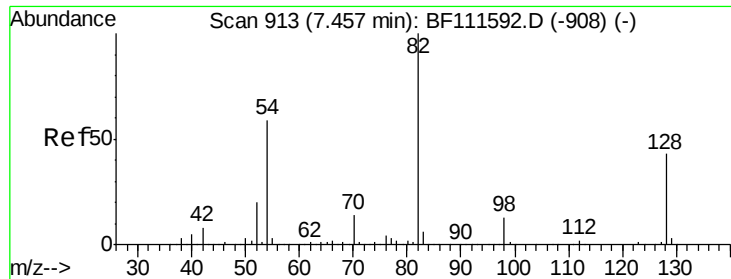
54 9.4 7.7 11.5

68 5.5 4.9 7.3



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

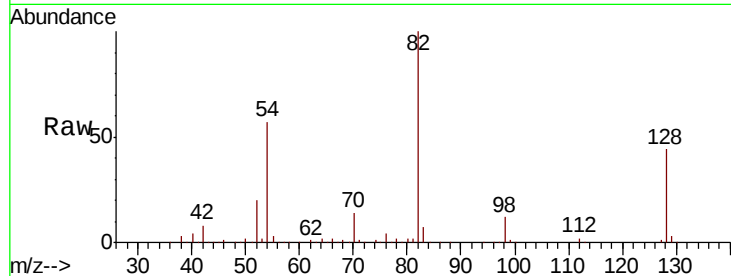




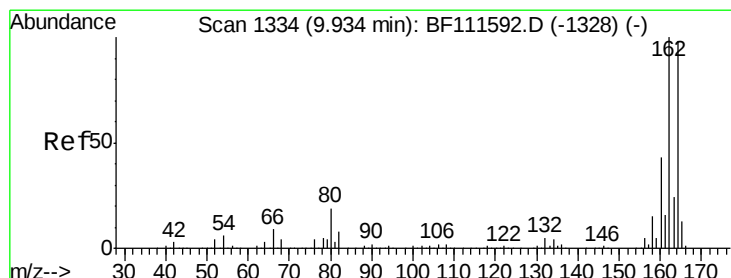
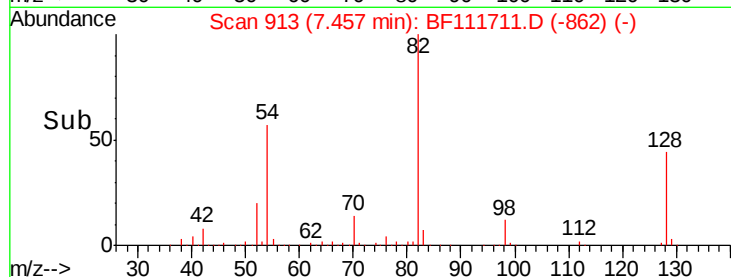
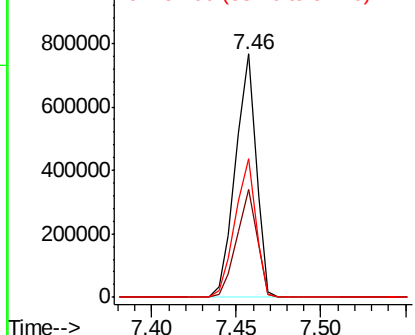
#23
 Nitrobenzene-d5
 Concen: 62.150 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF111711.D
 Acq: 26 Dec 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BL

Tot Ion: 82 Resp: 653729
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.4 56.2
 54 57.0 47.6 71.4

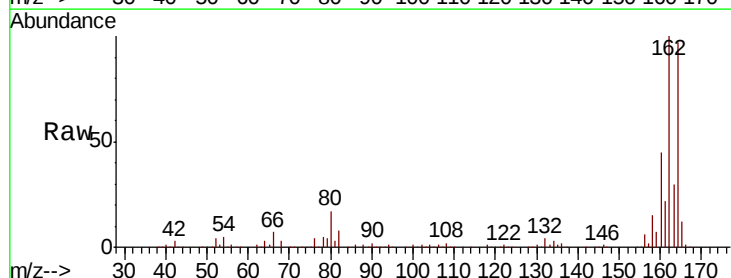


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

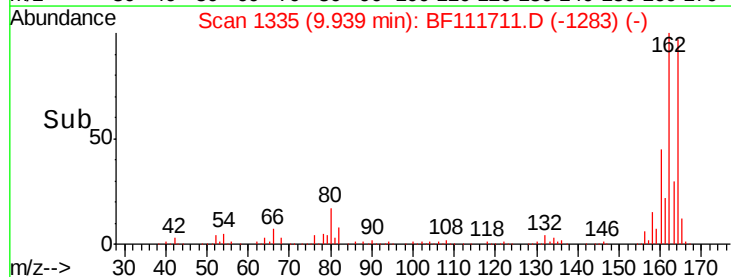
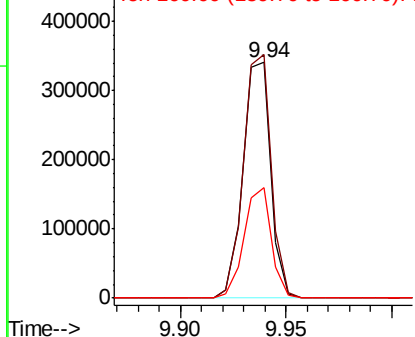


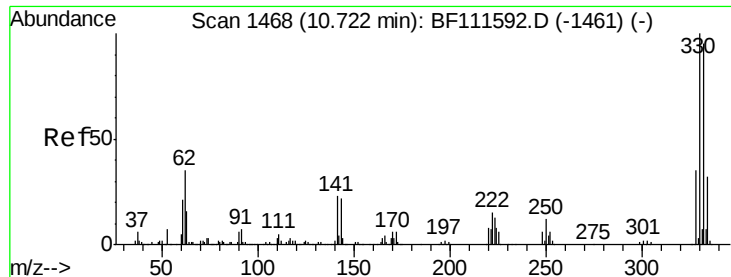
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111711.D
 Acq: 26 Dec 2018 13:02

Tgt Ion:164 Resp: 309725
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.4 122.0
 160 46.7 35.7 53.5



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

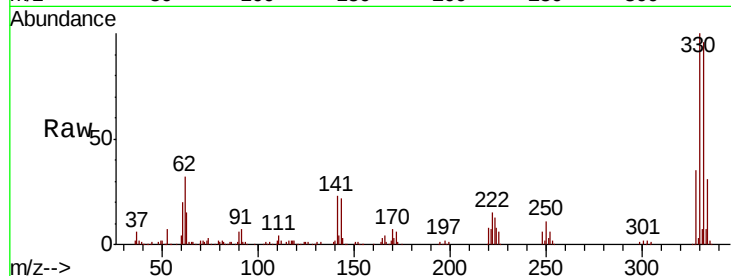




#42
 2,4,6-Tribromophenol
 Concen: 83.706 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111711.D
 Acq: 26 Dec 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	30.0	31.0	46.6#

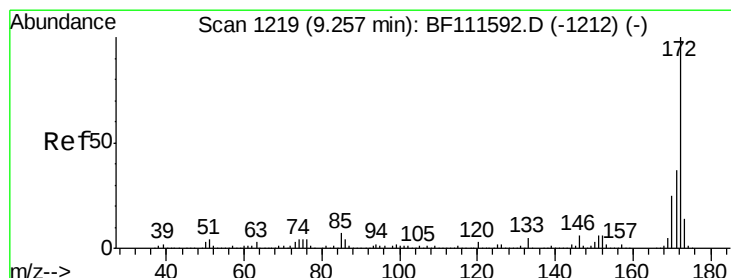
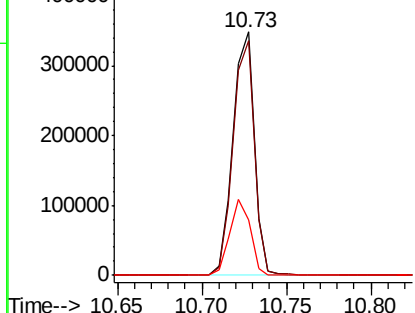
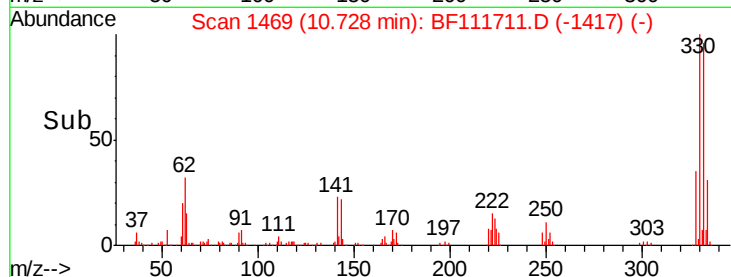


Abundance

Ion 329.80 (329.50 to 330.50): E

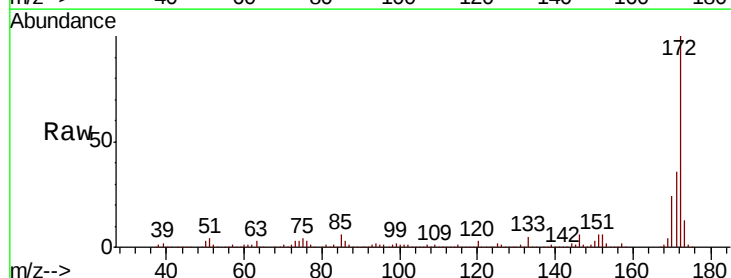
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.457 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111711.D
 Acq: 26 Dec 2018 13:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.4	22.3	33.5

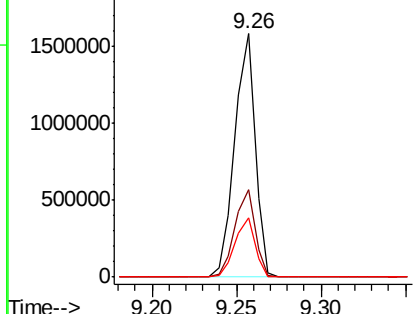
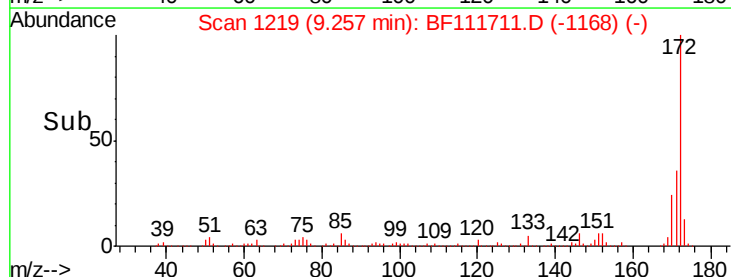


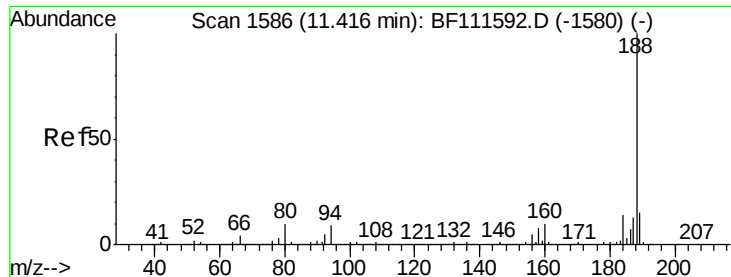
Abundance

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

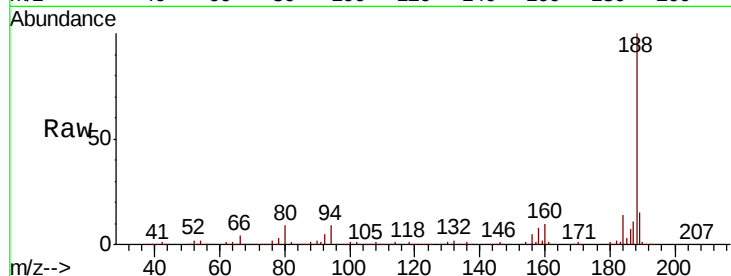




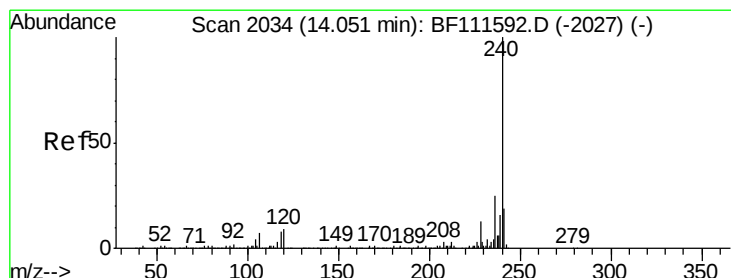
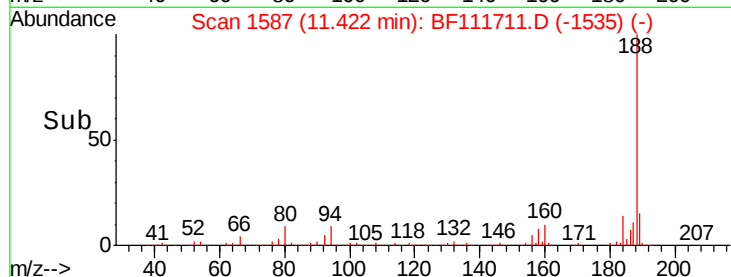
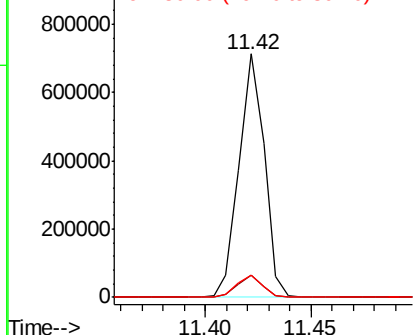
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111711.D
Acq: 26 Dec 2018 13:02

Instrument :
BNA_F
ClientSampleId :
PB115960BL

Tot Ion:188 Resp: 589770
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 9.3 9.8 14.6#

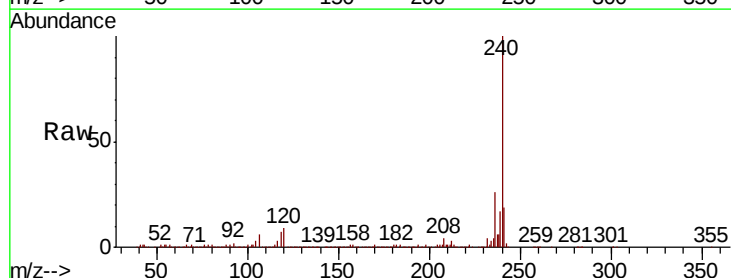


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

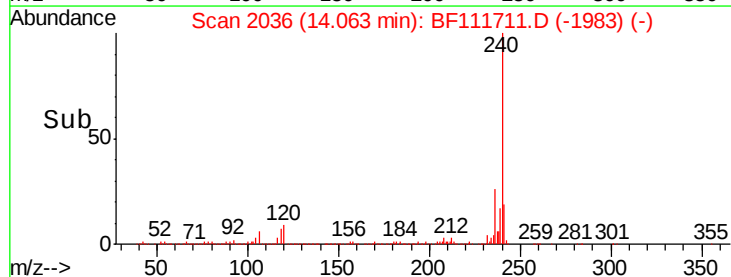
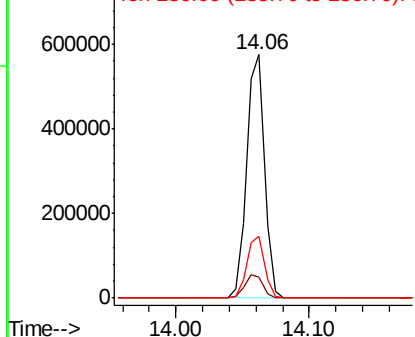


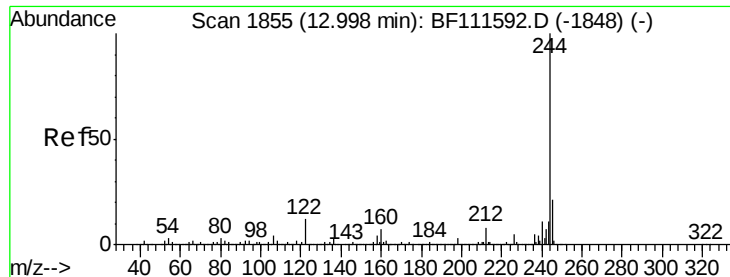
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111711.D
Acq: 26 Dec 2018 13:02

Tgt Ion:240 Resp: 523945
Ion Ratio Lower Upper
240 100
120 8.7 12.2 18.2#
236 25.6 20.2 30.2



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: 54.390 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111711.D

Acq: 26 Dec 2018 13:02

Instrument :

BNA_F

ClientSampleId :

PB115960BL

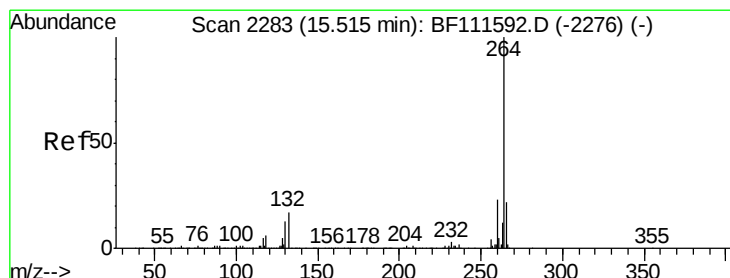
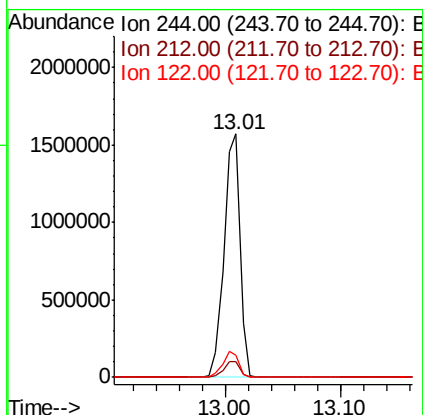
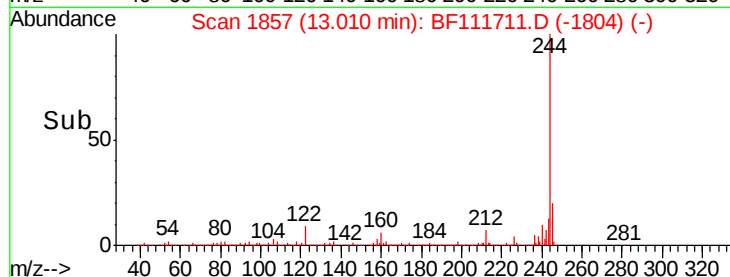
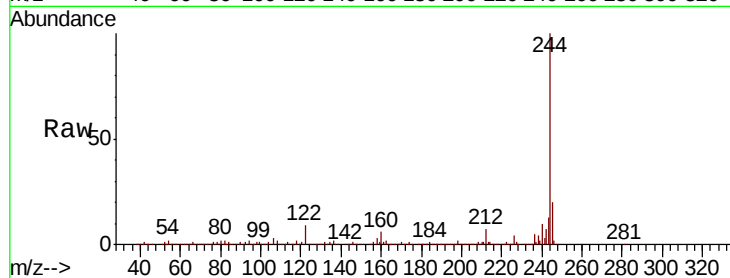
Tot Ion:244 Resp: 1502685

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.1 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111711.D

Acq: 26 Dec 2018 13:02

Tgt Ion:264 Resp: 471656

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.2 17.7 26.5

