

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103567.D
 Acq On : 9 Mar 2018 19:47
 Operator : SJ/JU
 Sample : J1821-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-5-20180205

Quant Time: Mar 09 23:21:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

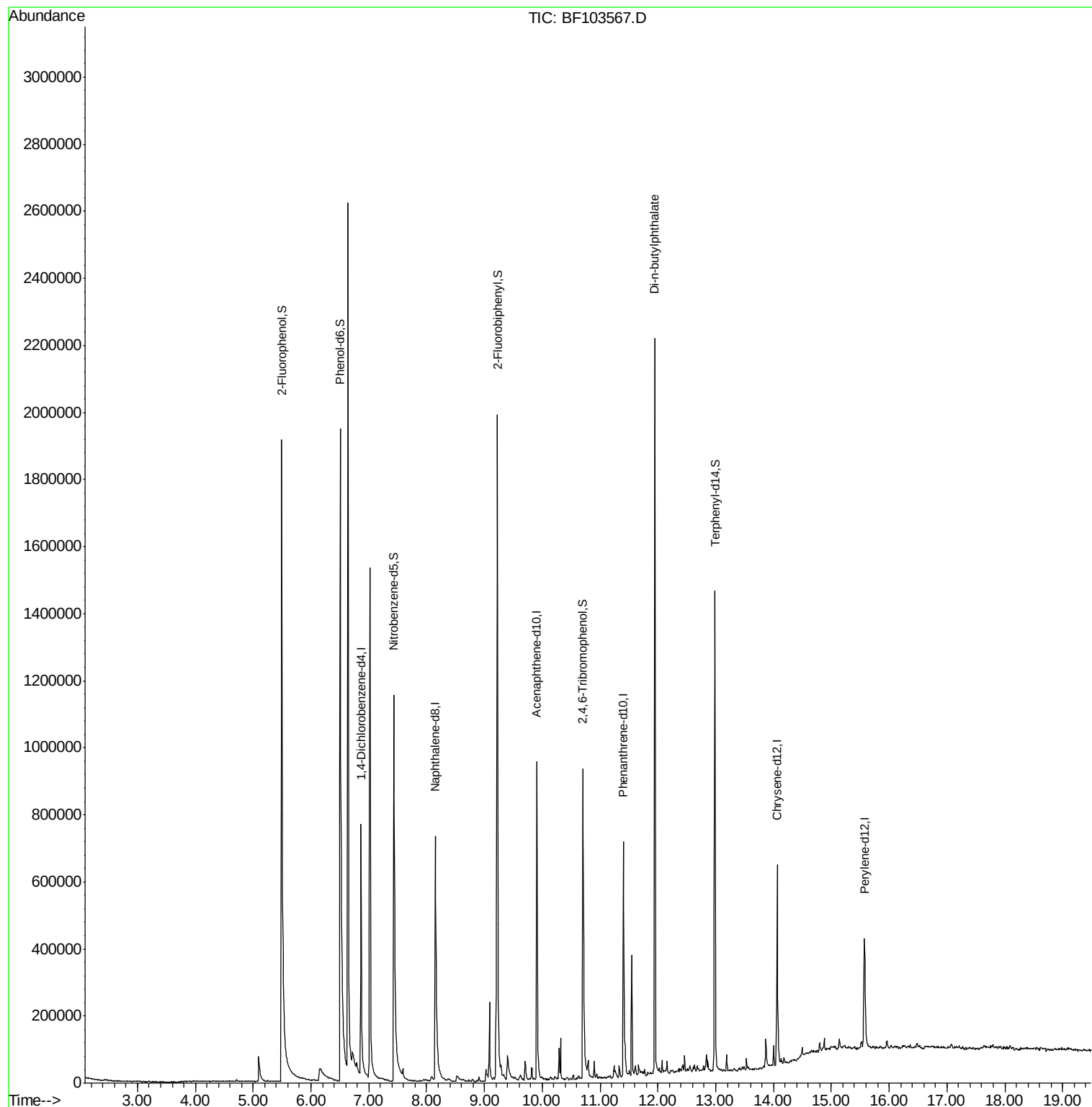
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135451	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	589754	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	232205	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	330034	20.00	ng	0.00
75) Chrysene-d12	14.06	240	235957	20.00	ng	0.00
86) Perylene-d12	15.57	264	196673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	857153	95.71	ng	0.00
7) Phenol-d6	6.50	99	1031968	94.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	621826	60.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	116295	59.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	744075	49.75	ng	0.00
78) Terphenyl-d14	12.99	244	495898	50.52	ng	0.00
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.95	149	1190472	51.296	ng	99

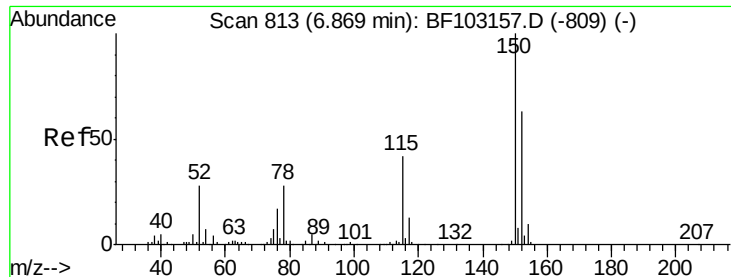
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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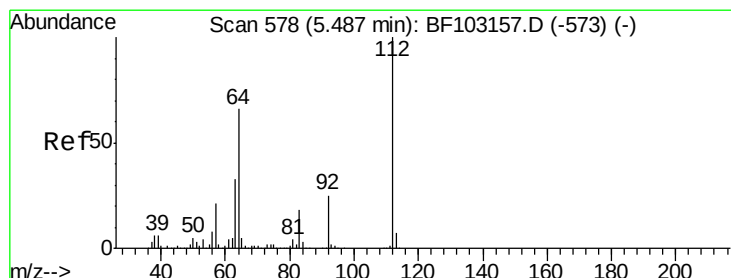
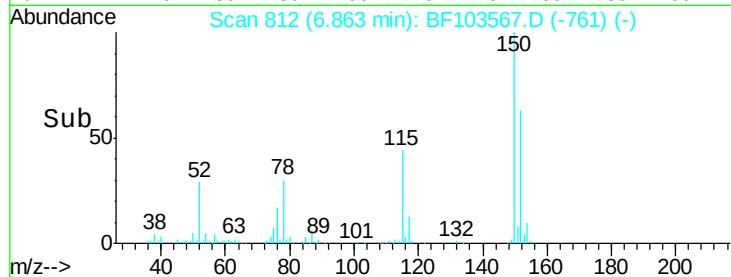
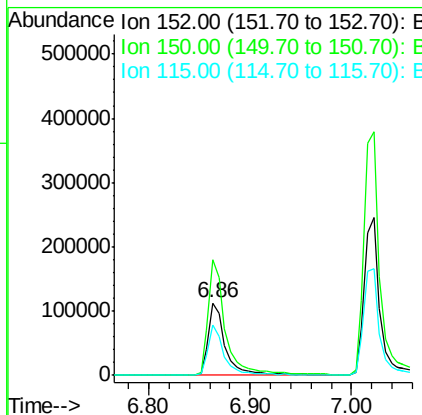
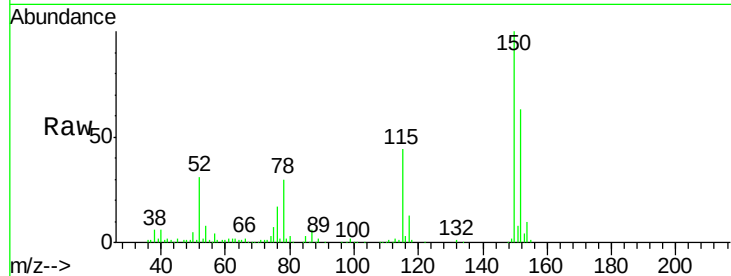


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-5-20180205

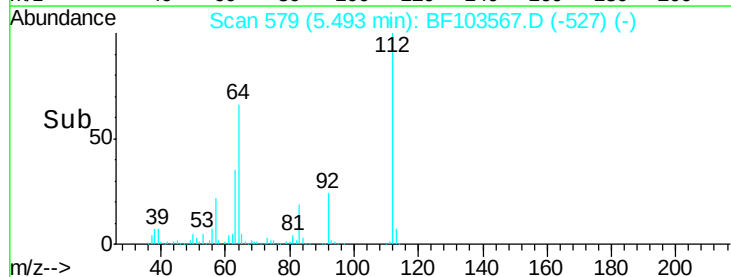
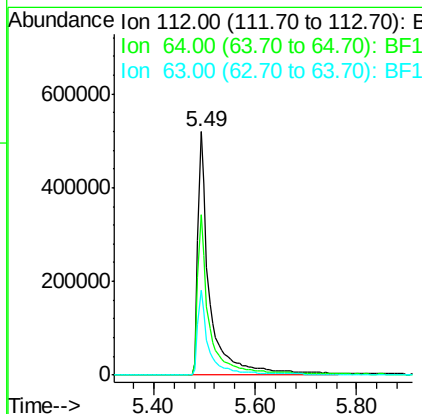
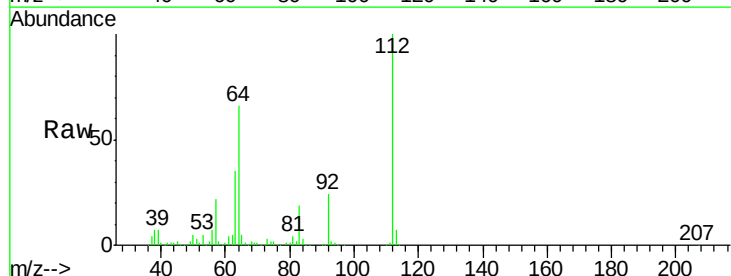
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	69.7	50.1	75.1

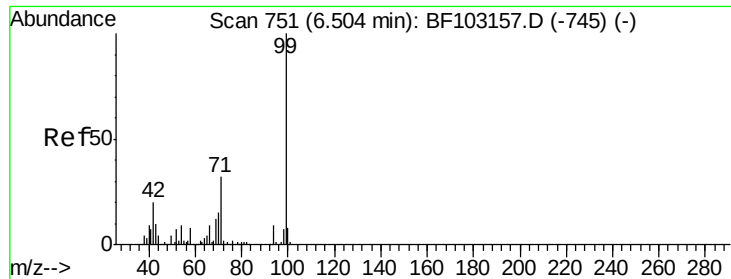


#5

2-Fluorophenol
Concen: 95.709 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103567.D
Acq: 9 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.0	23.7	35.5





#7

Phenol-d6

Concen: 94.168 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-5-20180205

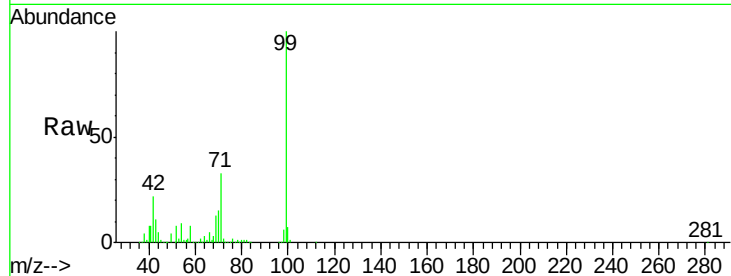
Tot Ion: 99 Resp: 1031968

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

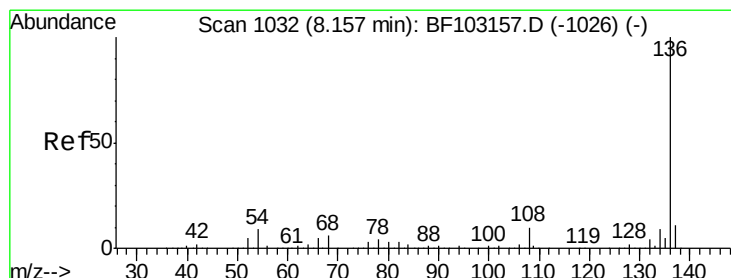
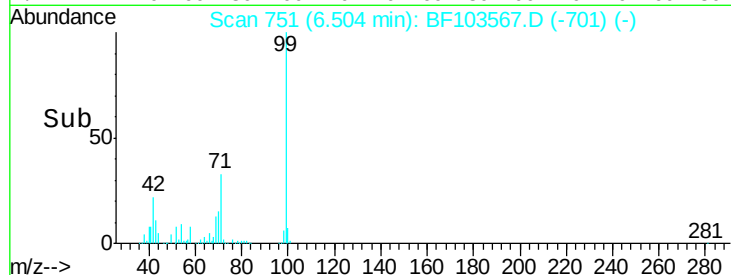
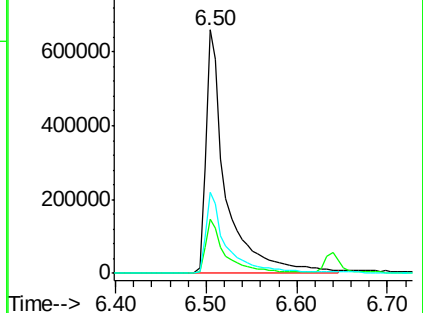
71 33.3 25.4 38.0



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: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Tgt Ion: 136 Resp: 589754

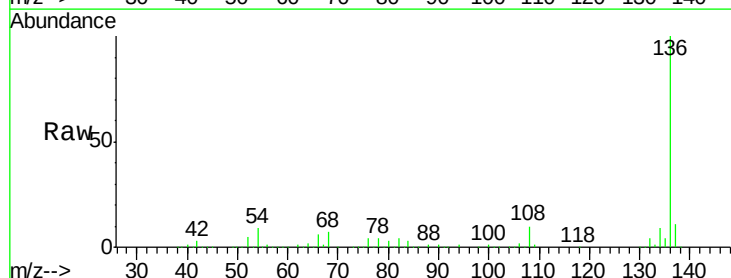
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

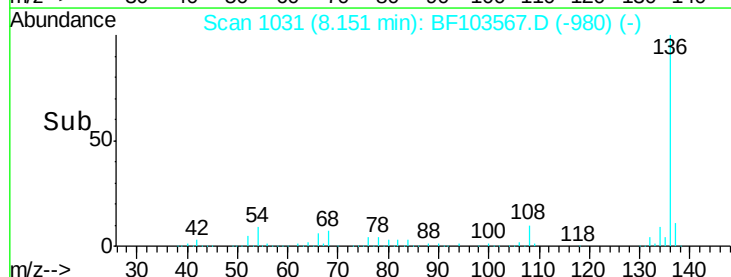
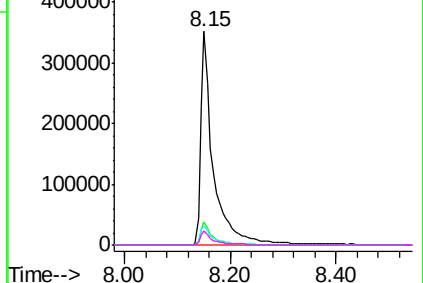


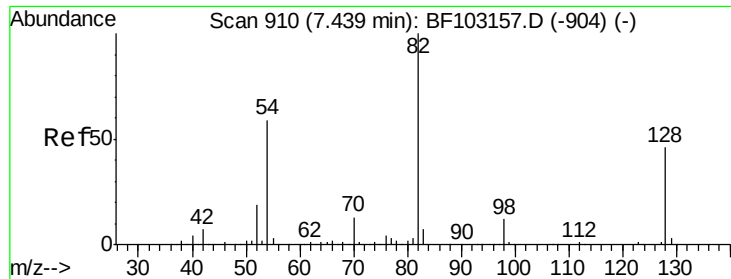
Abundance Ion 136.00 (135.70 to 136.70): E

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

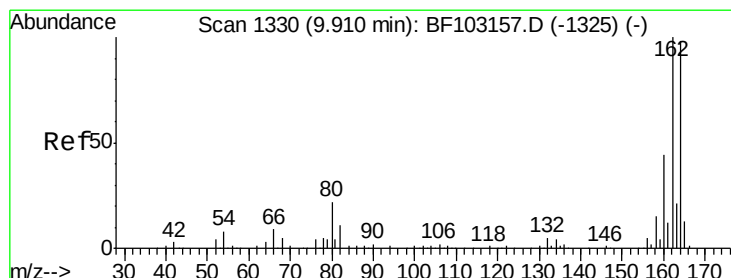
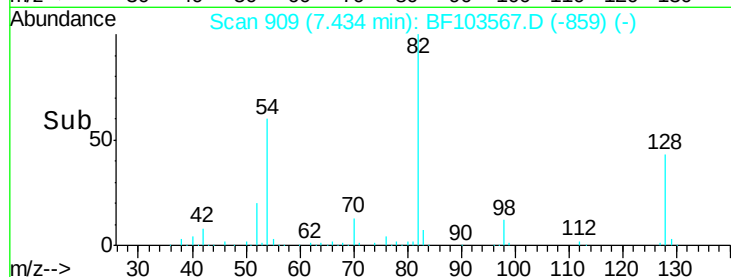
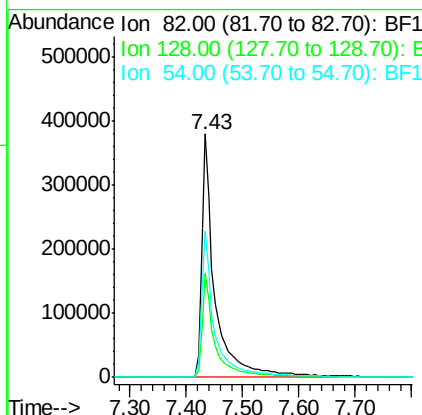
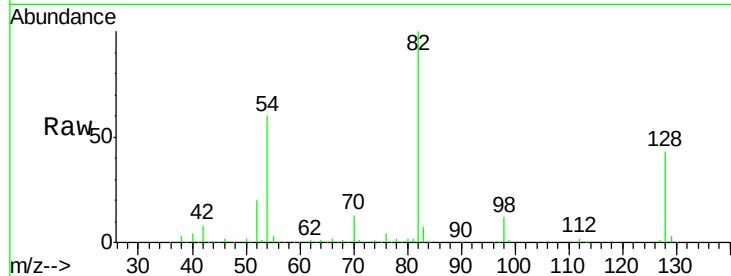




#23
 Nitrobenzene-d5
 Concen: 60.214 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

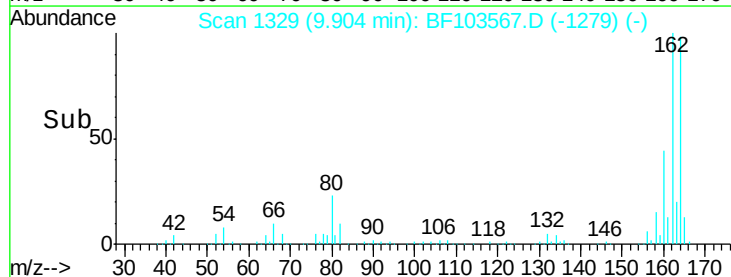
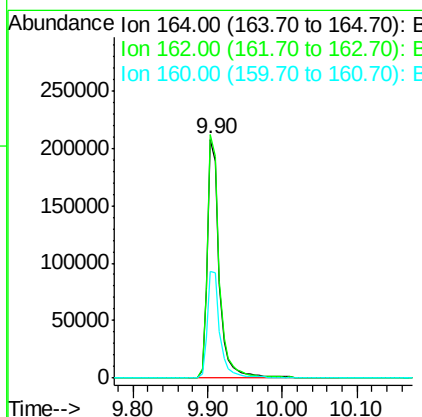
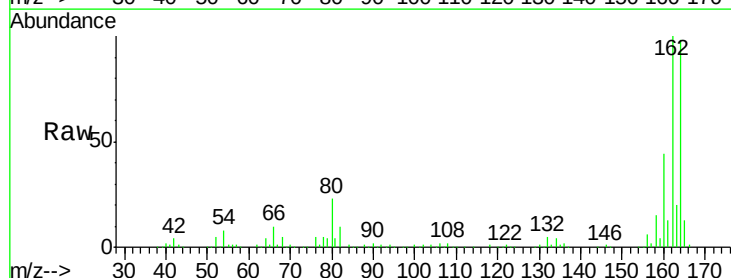
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-5-20180205

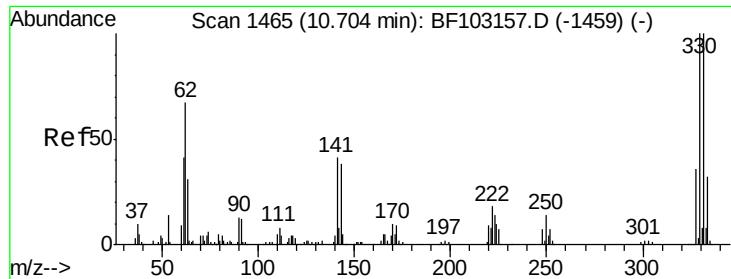
Tot Ion: 82 Resp: 621826
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 60.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Tgt Ion: 164 Resp: 232205
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.8 38.3 57.5

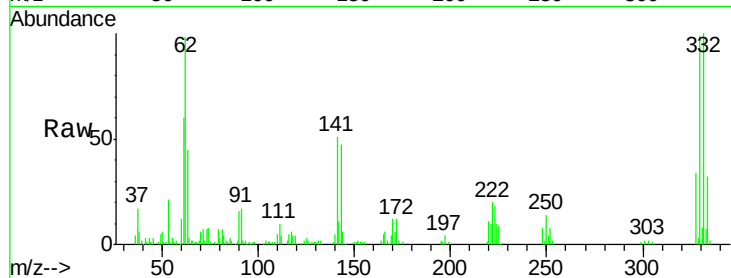




#41
 2,4,6-Tribromophenol
 Concen: 59.169 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-5-20180205

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	53.9	29.9	44.9

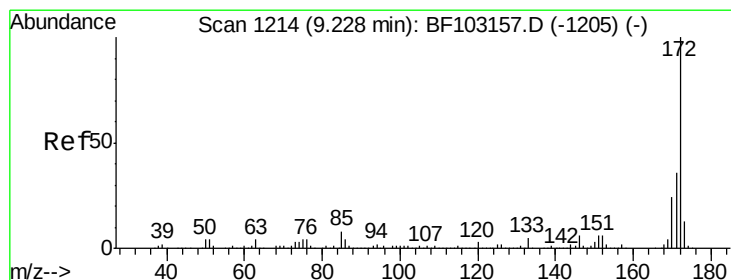
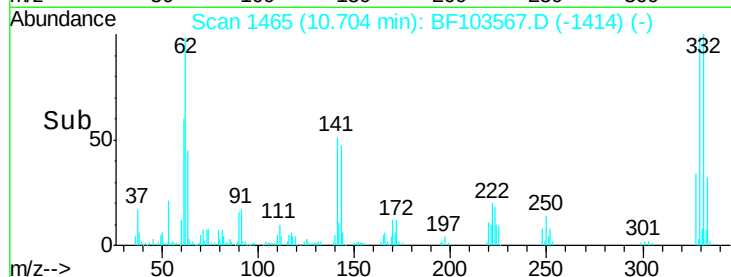
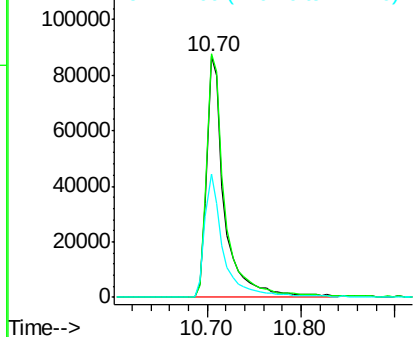


Abundance

Ion 329.80 (329.50 to 330.50): E

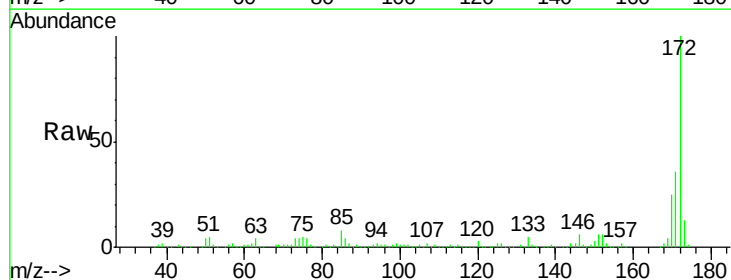
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 49.754 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	25.0	19.6	29.4

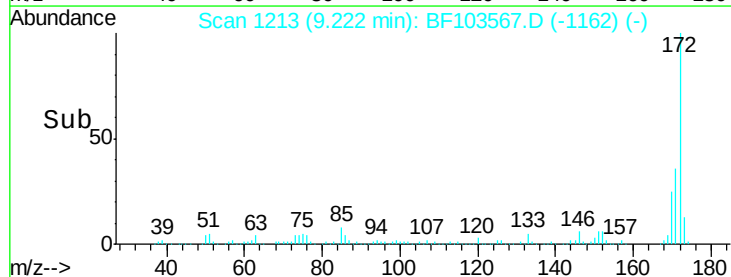
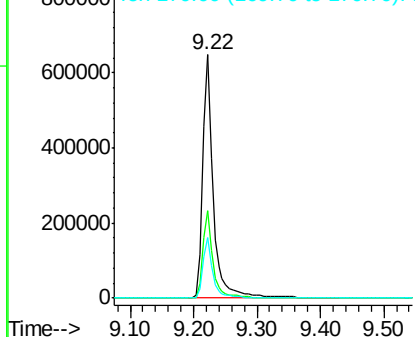


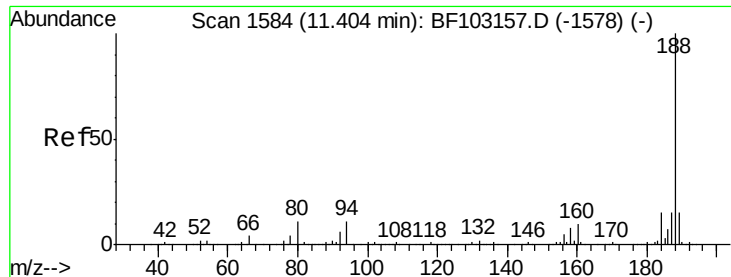
Abundance

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

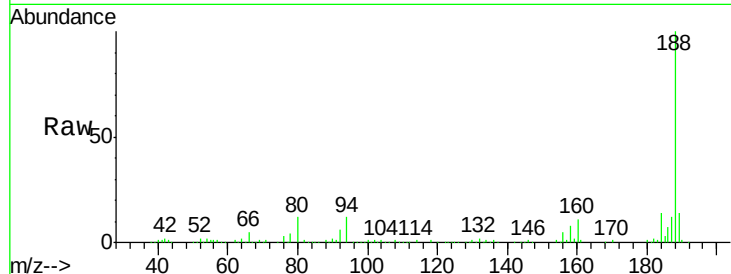




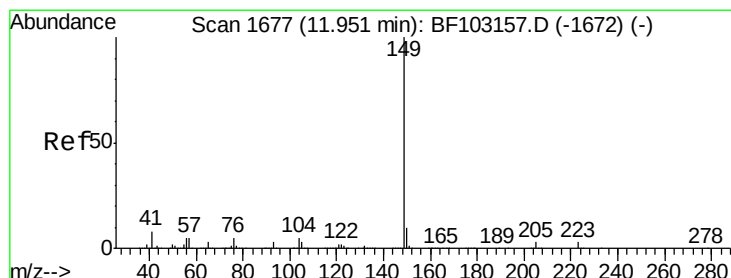
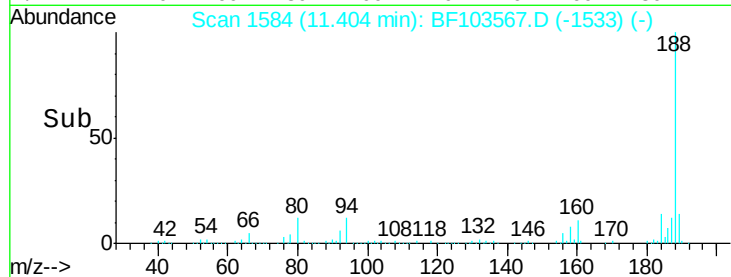
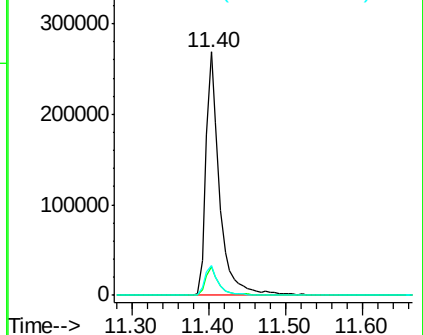
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-5-20180205

Tot Ion:188 Resp: 330034
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.5 9.2 13.8

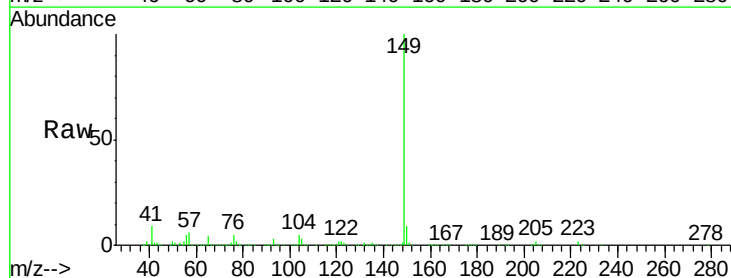


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

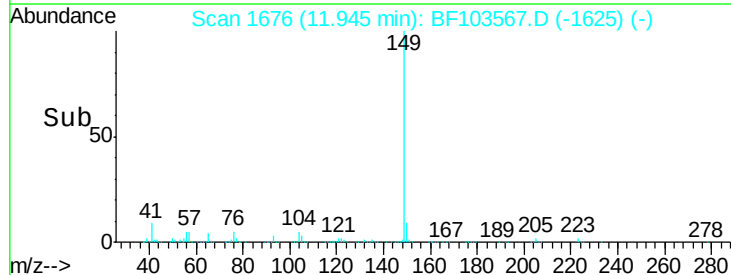
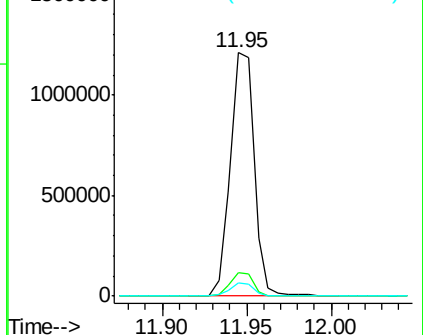


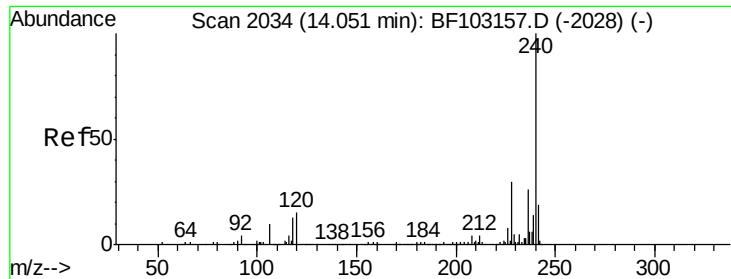
#73
 Di-n-butylphthalate
 Concen: 51.296 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Tgt Ion:149 Resp: 1190472
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-5-20180205

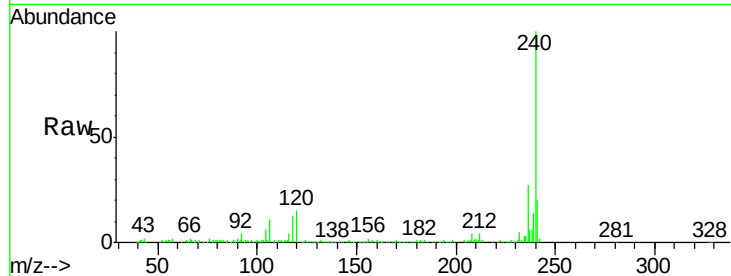
Tot Ion:240 Resp: 235957

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

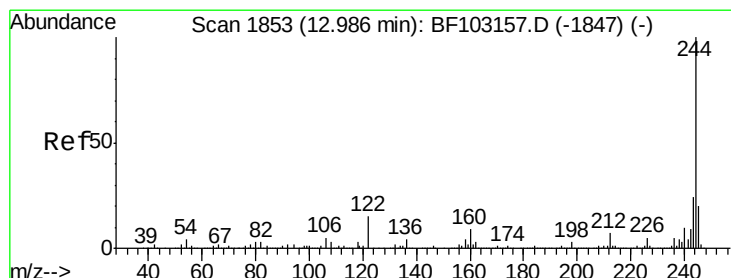
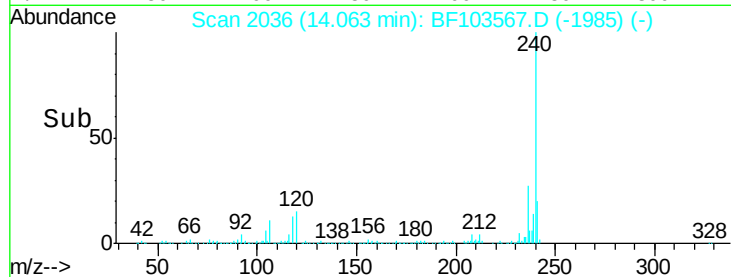
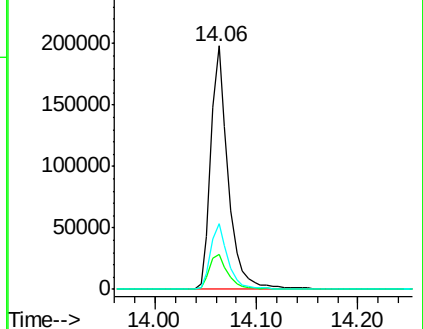
236 26.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 50.521 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103567.D

Acq: 9 Mar 2018 19:47

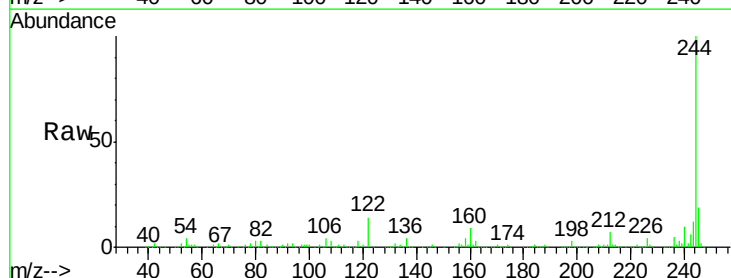
Tgt Ion:244 Resp: 495898

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

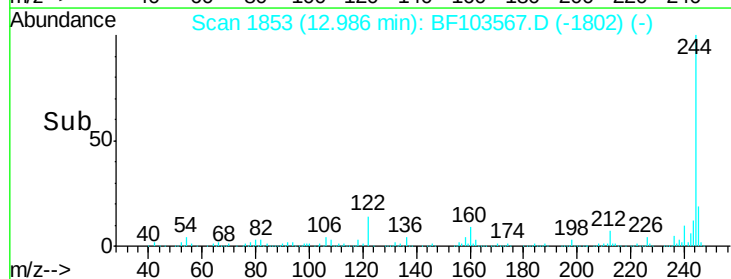
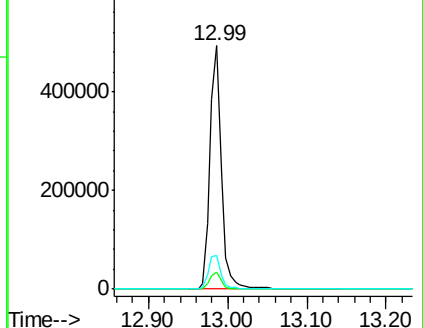
122 13.9 11.0 16.4

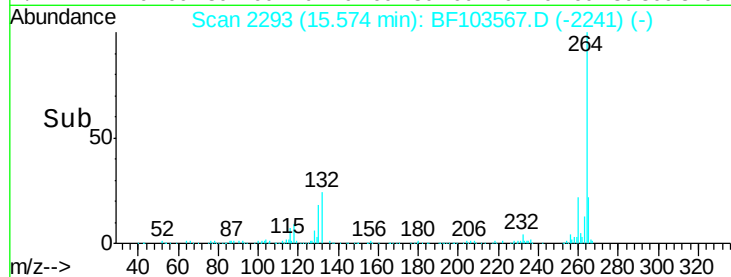
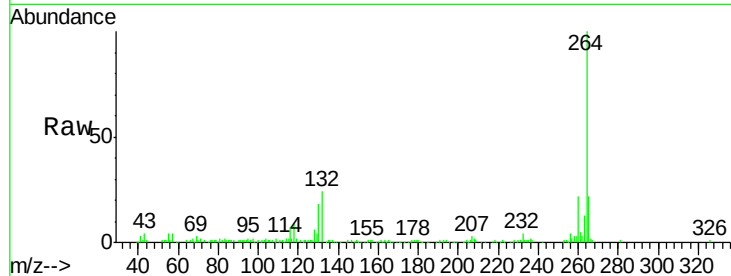
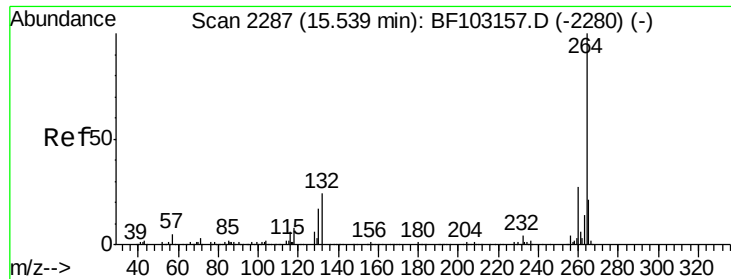


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103567.D
 Acq: 9 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-5-20180205

Tot Ion:264	Resp:	196673
Ion	Ratio	Lower Upper
264	100	
260	22.5	19.2 28.8
265	21.9	17.5 26.3

