

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104282.D
 Acq On : 5 Apr 2018 21:00
 Operator : JU/SJ
 Sample : J2183-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-2-NW@5

Quant Time: Apr 06 01:46:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

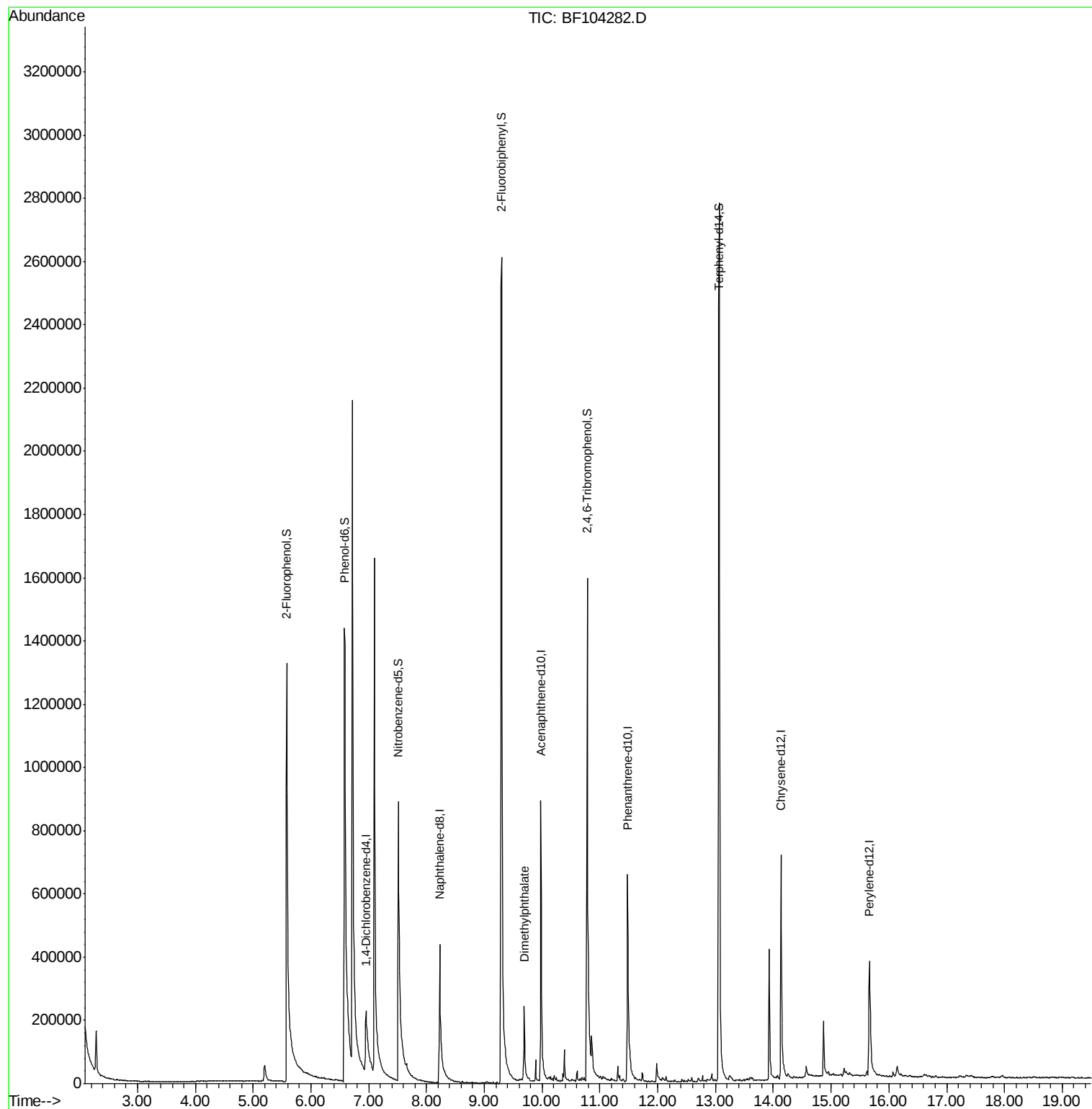
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	111929	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	522380	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	254945	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	470974	20.00	ng	0.00
75) Chrysene-d12	14.13	240	372149	20.00	ng	-0.01
86) Perylene-d12	15.67	264	286275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	927934	132.21	ng	-0.01
7) Phenol-d6	6.58	99	1218883	141.16	ng	-0.02
23) Nitrobenzene-d5	7.51	82	797810	93.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	364264	128.32	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1396671	86.39	ng	0.00
78) Terphenyl-d14	13.06	244	1331906	82.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	164989	8.197	ng	98

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

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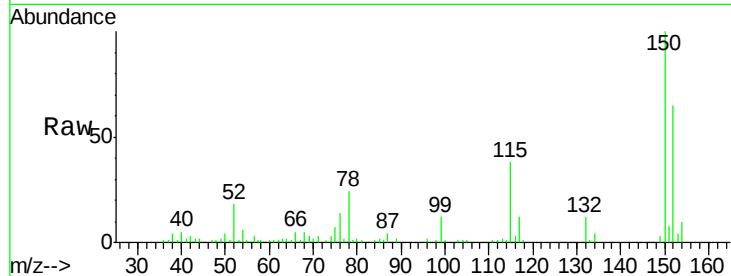


#1

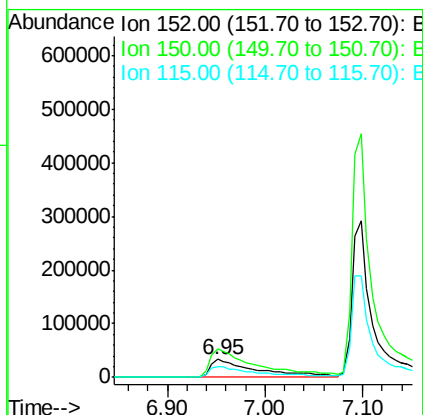
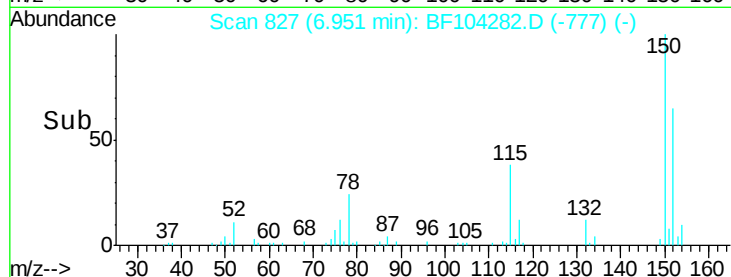
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-2-NW@5

Tot Ion:152 Resp: 111929
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 58.9 50.1 75.1



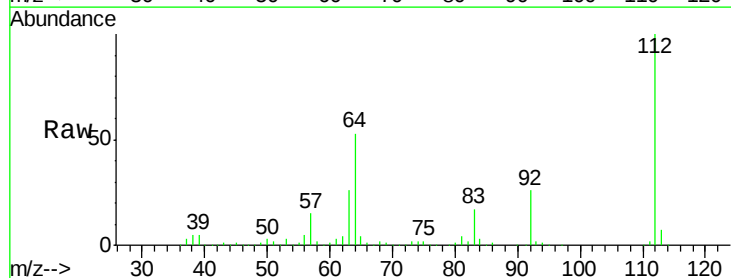
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



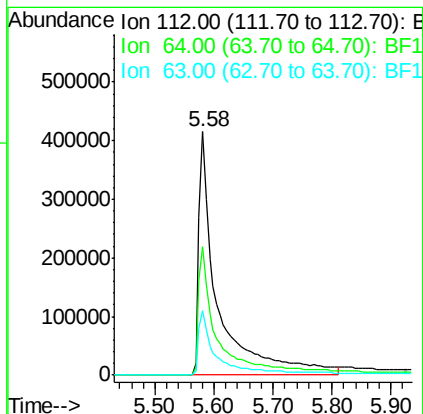
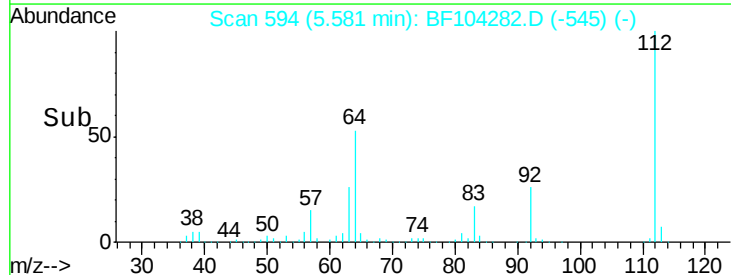
#5

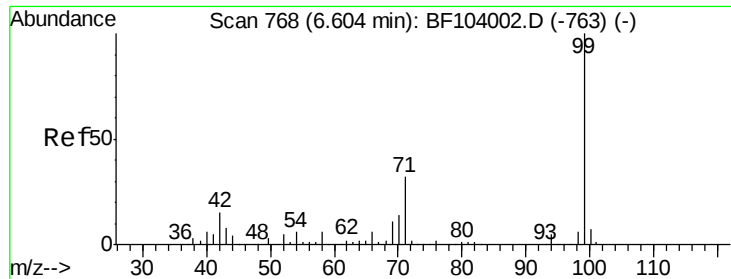
2-Fluorophenol
Concen: 132.211 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Tgt Ion:112 Resp: 927934
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 26.4 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: 141.156 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-2-NW@5

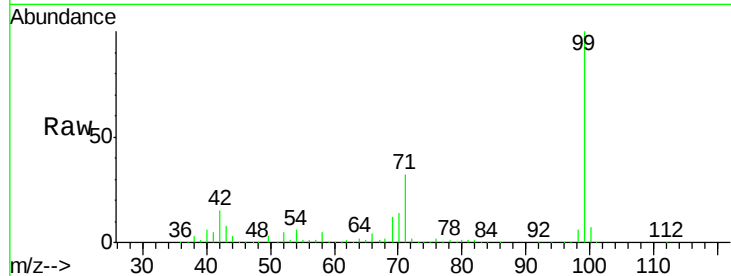
Tot Ion: 99 Resp: 1218883

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

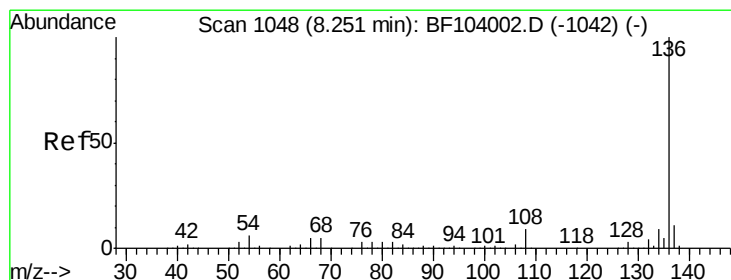
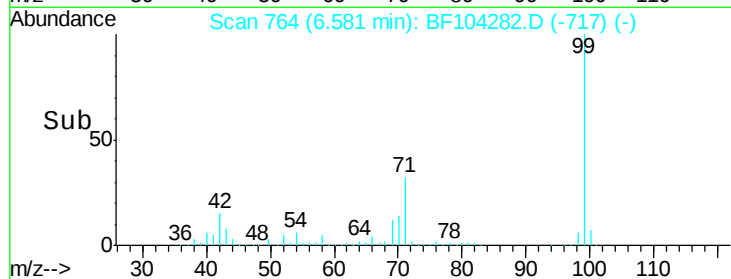
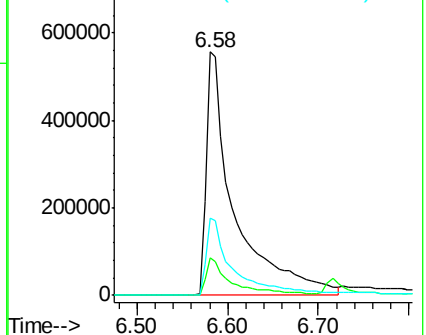
71 32.0 25.4 38.0



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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

Tgt Ion: 136 Resp: 522380

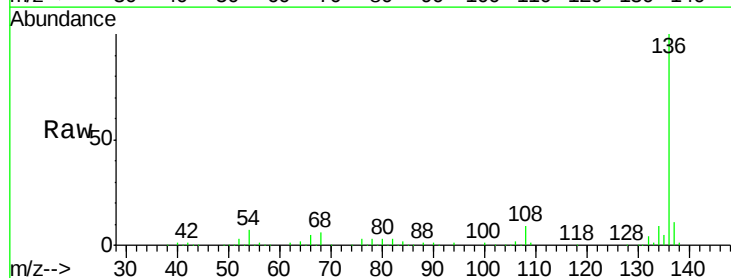
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.7 6.6 9.8

68 6.1 5.0 7.4

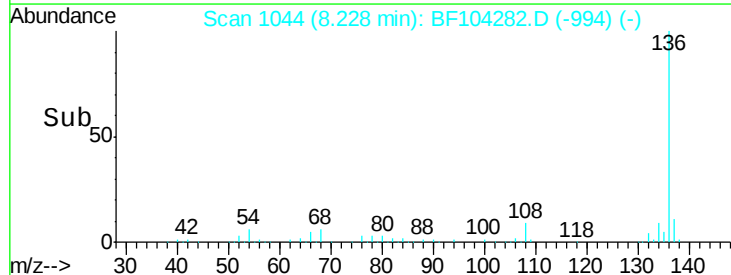
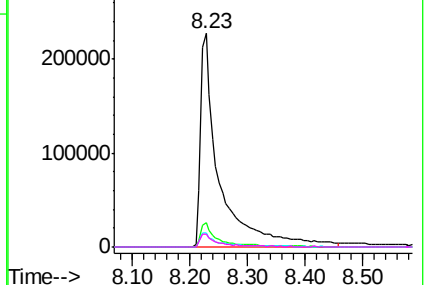


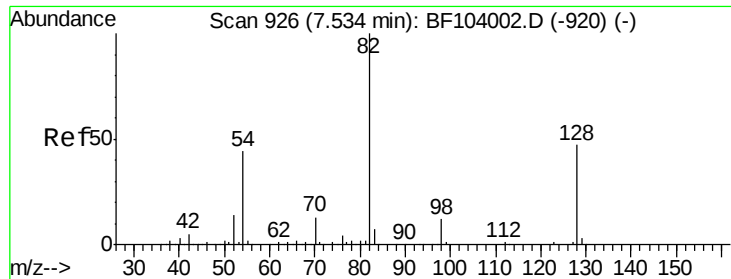
Abundance Ion 136.00 (135.70 to 136.70): E

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

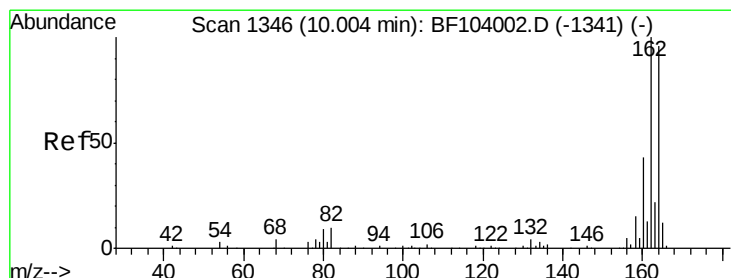
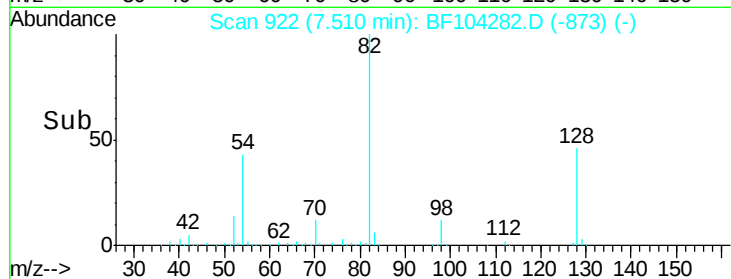
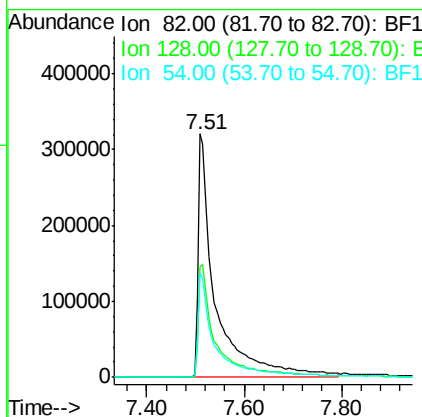
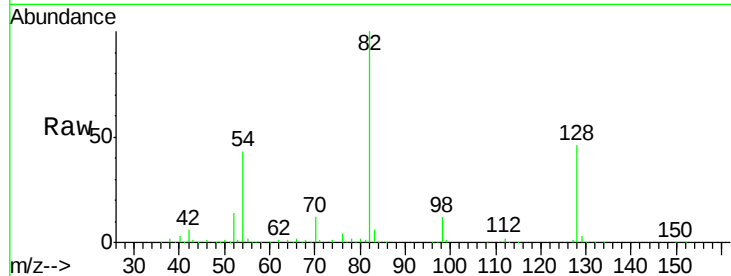




#23
 Nitrobenzene-d5
 Concen: 93.400 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

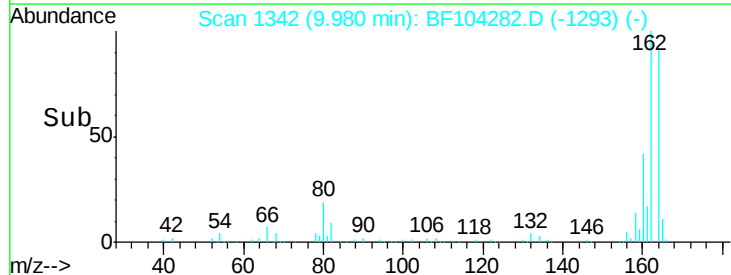
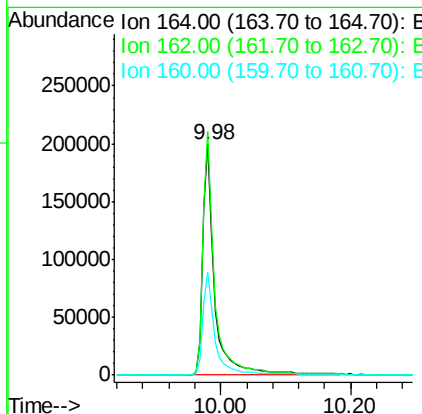
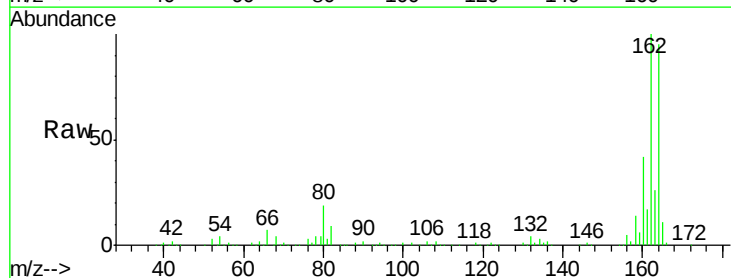
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-2-NW@5

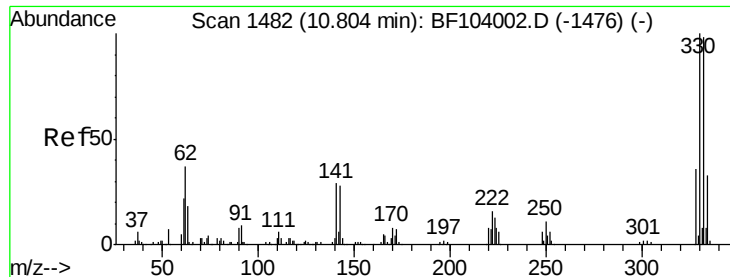
Tot Ion: 82 Resp: 797810
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 42.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Tgt Ion:164 Resp: 254945
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 44.7 38.3 57.5

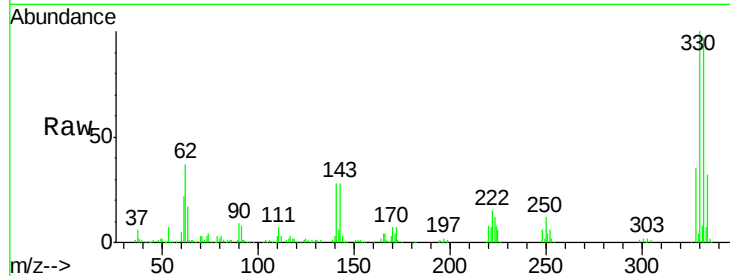




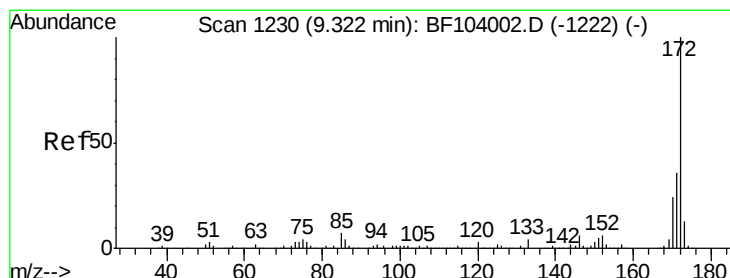
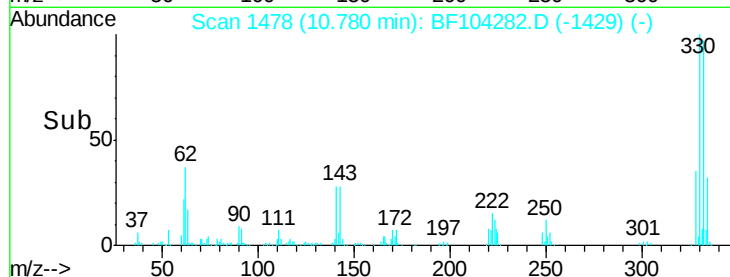
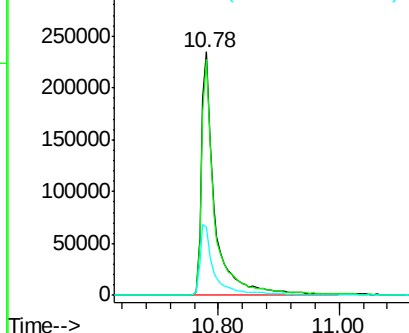
#41
 2,4,6-Tribromophenol
 Concen: 128.315 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-2-NW@5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	31.9	29.9	44.9

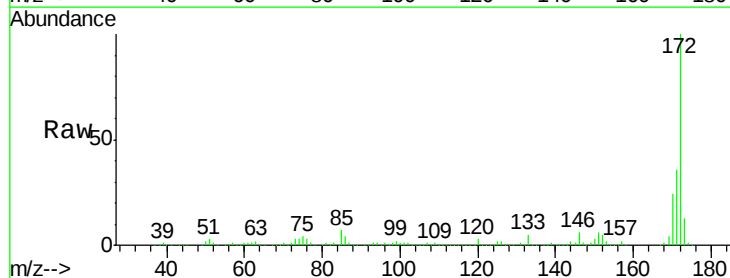


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

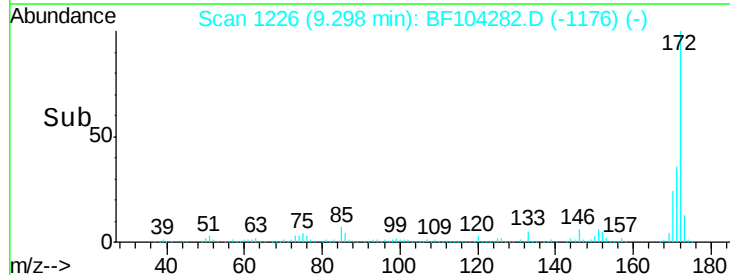
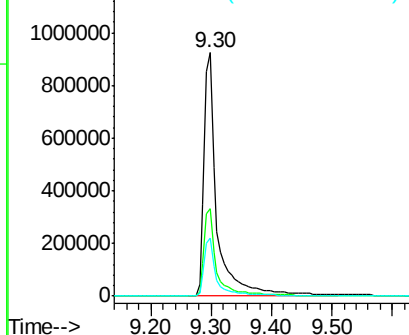


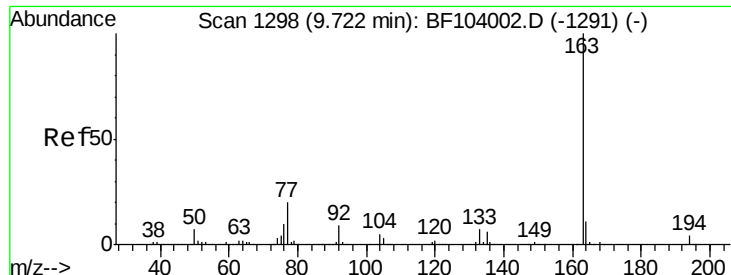
#44
 2-Fluorobiphenyl
 Concen: 86.389 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	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

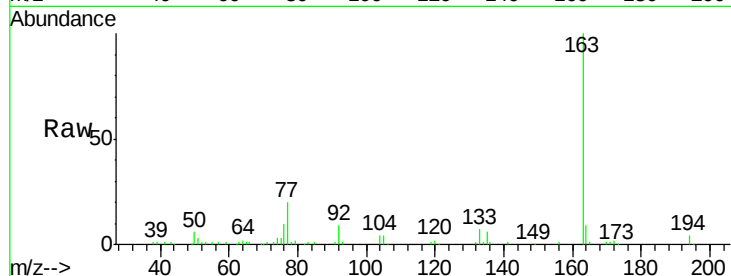




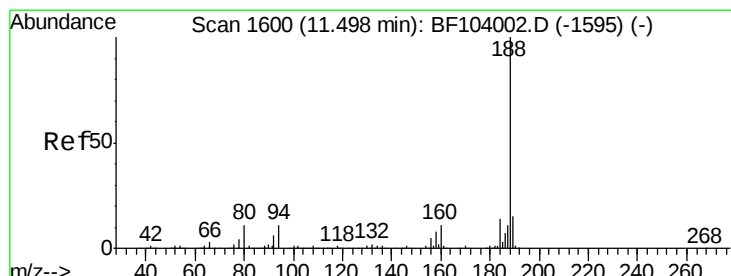
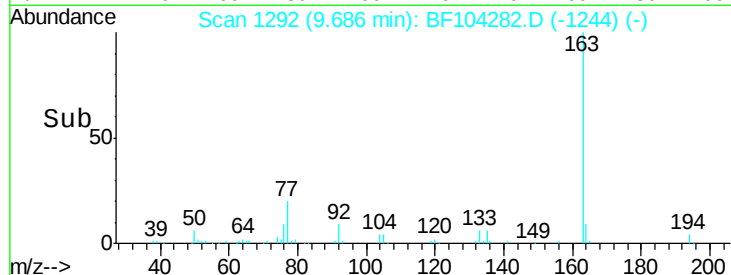
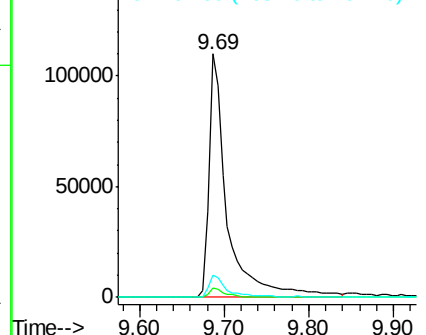
#49
Dimethylphthalate
Concen: 8.197 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-2-NW@5

Tot Ion:163 Resp: 164989
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.4 8.2 12.2

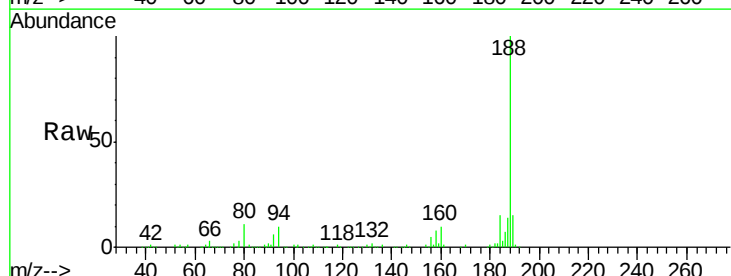


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

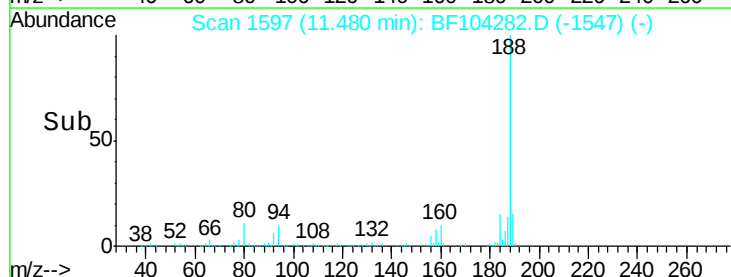
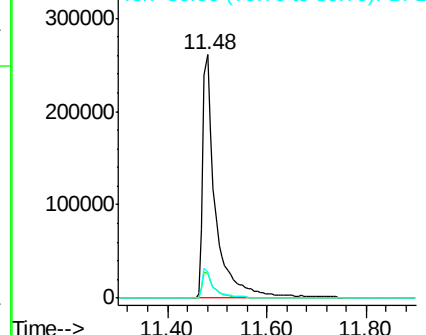


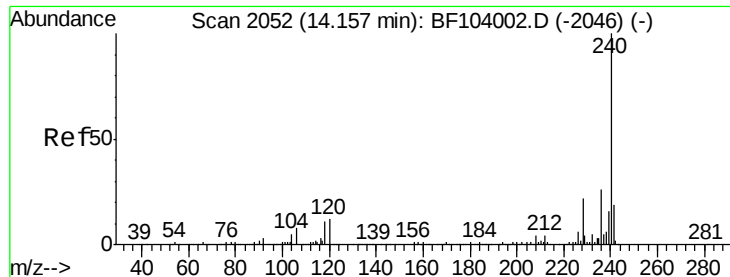
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Tgt Ion:188 Resp: 470974
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

Instrument :

BNA_F

ClientSampleId :

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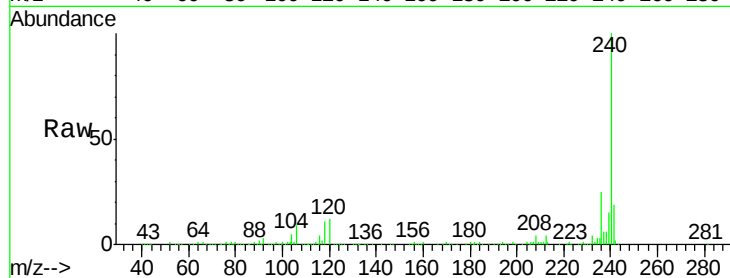
Tot Ion:240 Resp: 372149

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

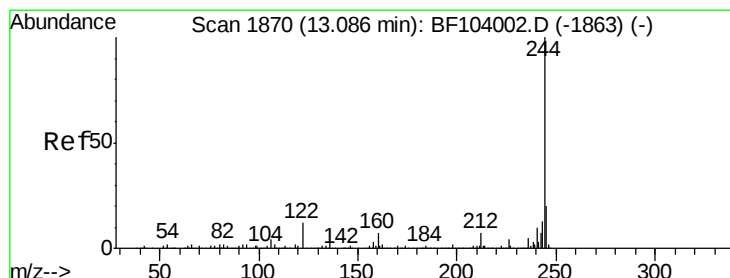
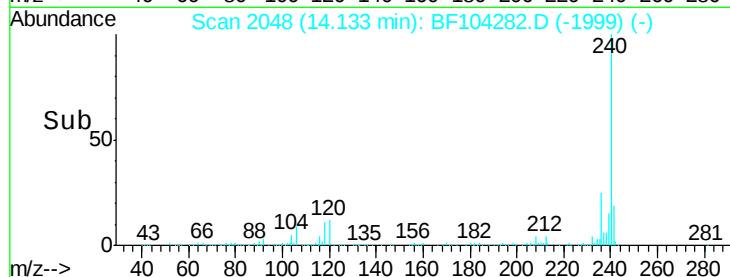
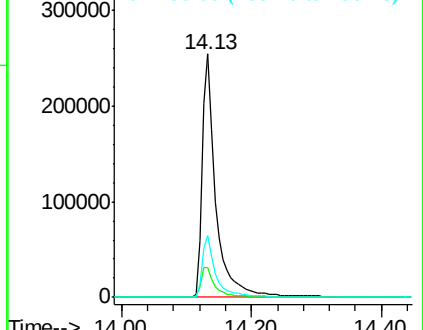
236 25.4 20.7 31.1



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: 82.636 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

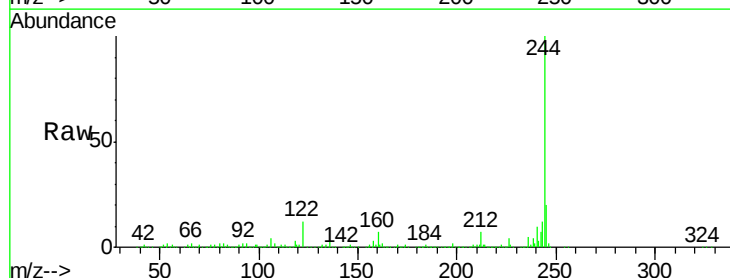
Tgt Ion:244 Resp: 1331906

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

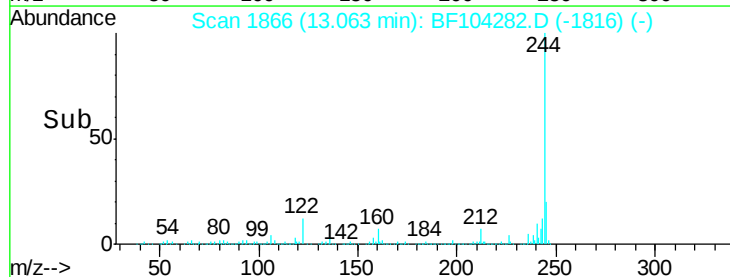
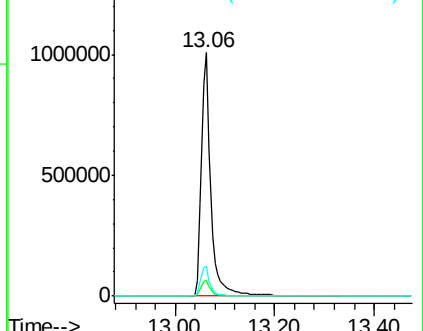
122 12.1 11.0 16.4

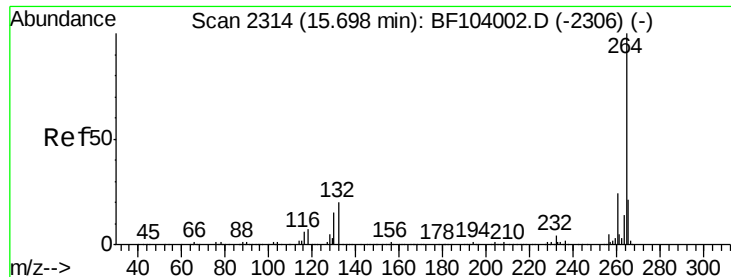


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

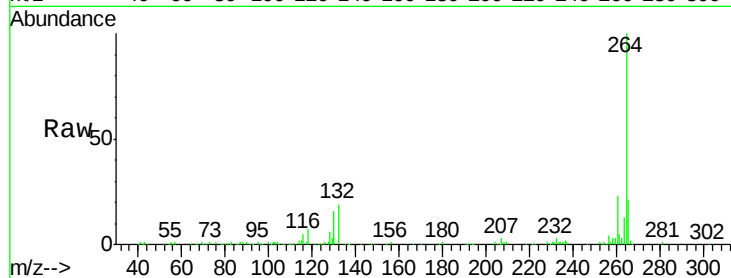




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-2-NW@5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.6	17.5	26.3



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

