

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102842.D
 Acq On : 8 Feb 2018 3:58
 Operator : SJ/JU
 Sample : J1458-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Quant Time: Feb 08 07:04:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

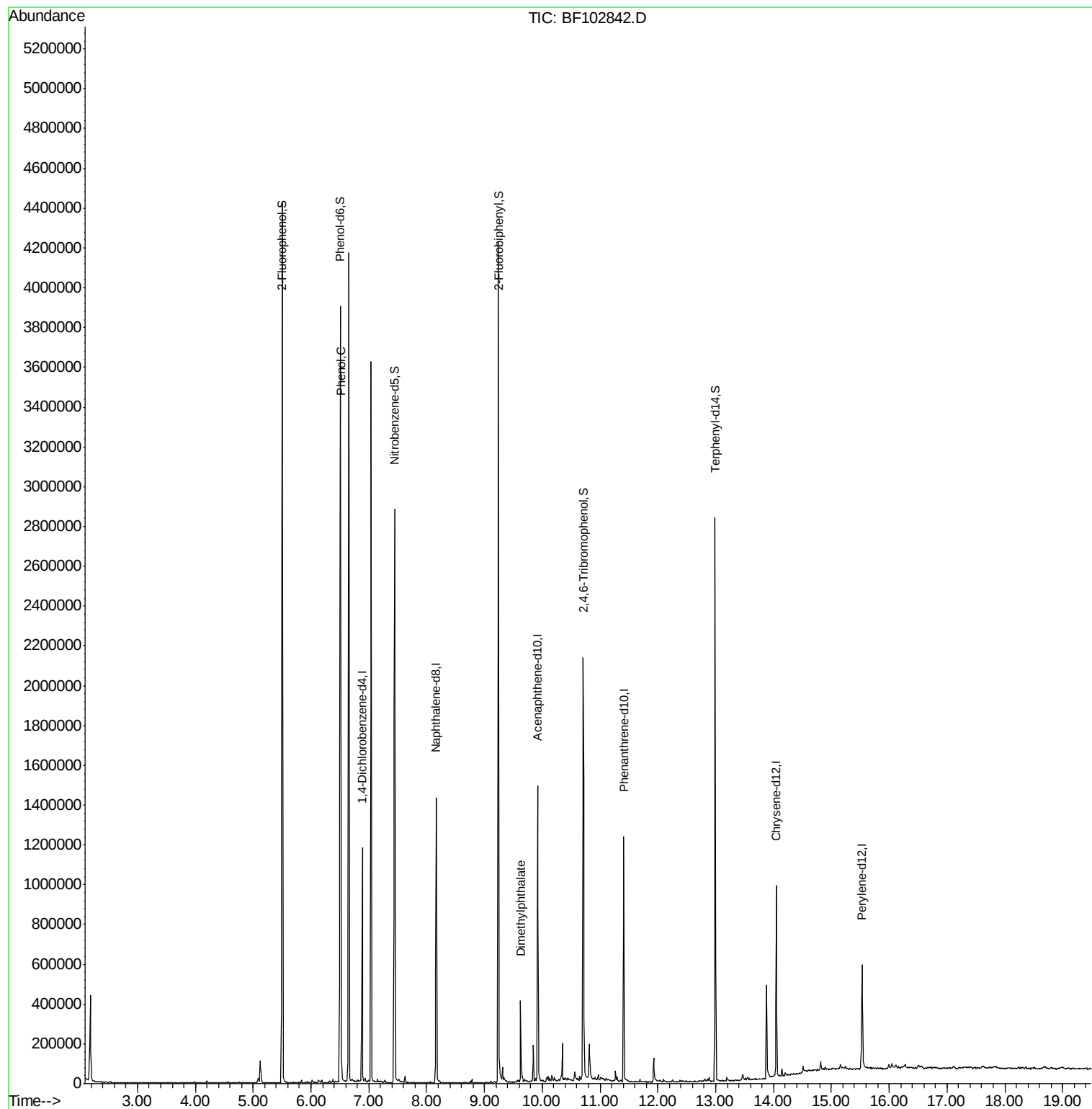
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	174241	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	690803	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	274280	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	405934	20.00	ng	0.00
75) Chrysene-d12	14.05	240	321998	20.00	ng	0.00
86) Perylene-d12	15.53	264	241109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1279112	111.49	ng	0.01
7) Phenol-d6	6.51	99	1509983	109.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	920092	92.40	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	243905	110.48	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1421207	85.98	ng	0.00
78) Terphenyl-d14	13.00	244	986252	72.52	ng	0.00
Target Compounds						
10) Phenol	6.52	94	42417	2.865	ng	95
49) Dimethylphthalate	9.63	163	167369	7.826	ng	100

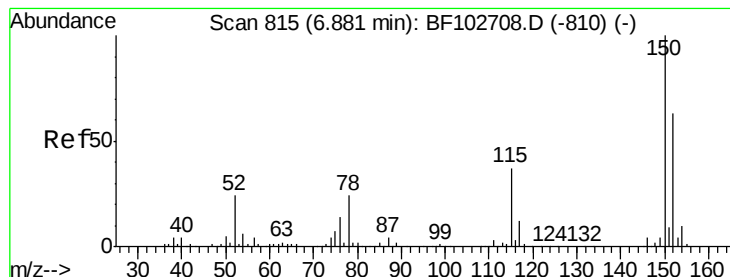
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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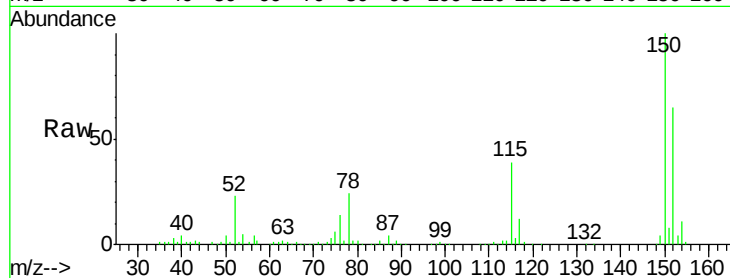


#1

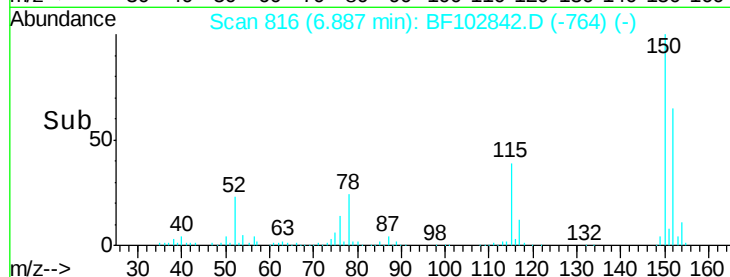
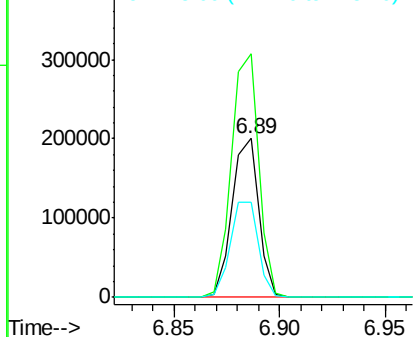
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102842.D
Acq: 8 Feb 2018 3:58

Instrument :
BNA_F
ClientSampled :
SB-03

Tot Ion:152 Resp: 174241
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 59.7 50.1 75.1



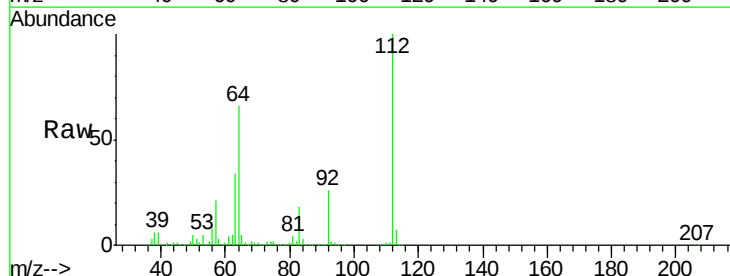
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



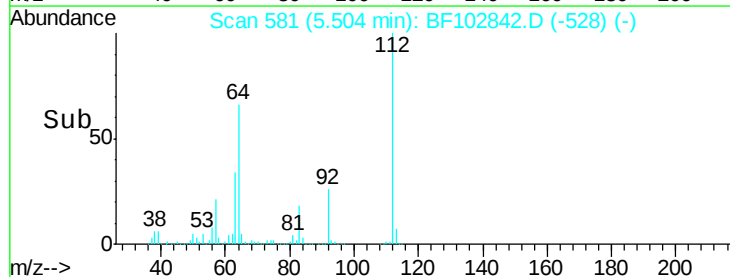
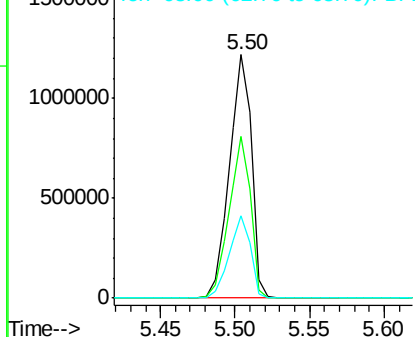
#5

2-Fluorophenol
Concen: 111.486 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102842.D
Acq: 8 Feb 2018 3:58

Tgt Ion:112 Resp: 1279112
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 33.6 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: 109.303 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102842.D

Acq: 8 Feb 2018 3:58

Instrument :

BNA_F

ClientSampleId :

SB-03

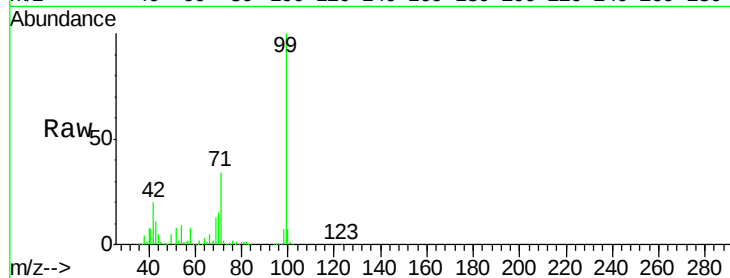
Tot Ion: 99 Resp: 1509983

Ion Ratio Lower Upper

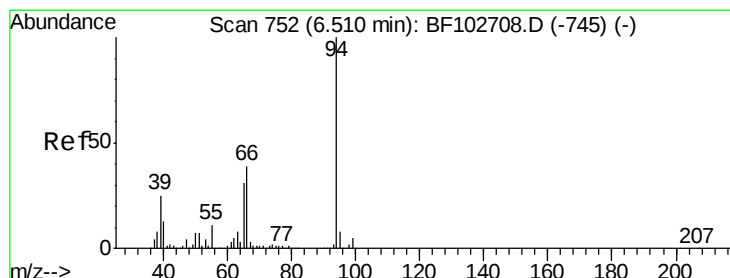
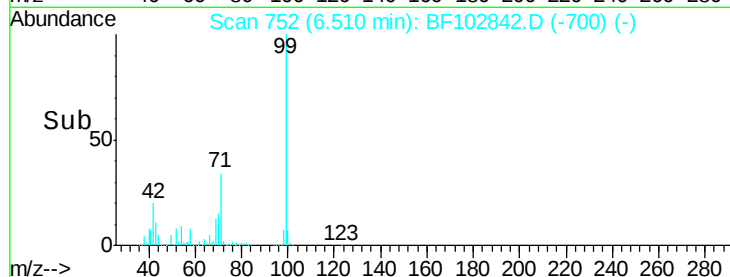
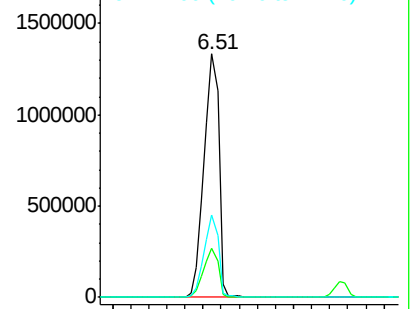
99 100

42 20.4 14.5 21.7

71 33.7 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



#10

Phenol

Concen: 2.865 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102842.D

Acq: 8 Feb 2018 3:58

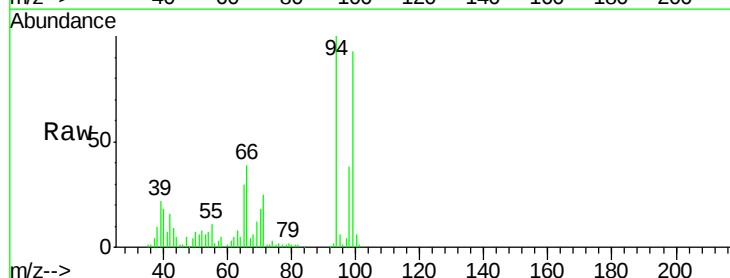
Tgt Ion: 94 Resp: 42417

Ion Ratio Lower Upper

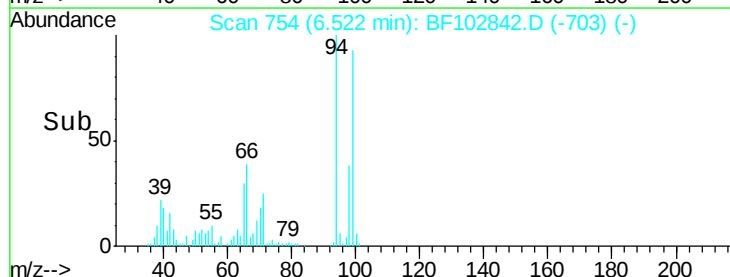
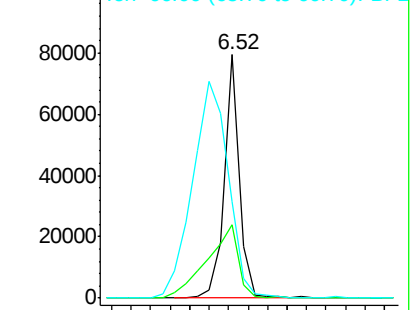
94 100

65 30.2 7.9 47.9

66 39.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

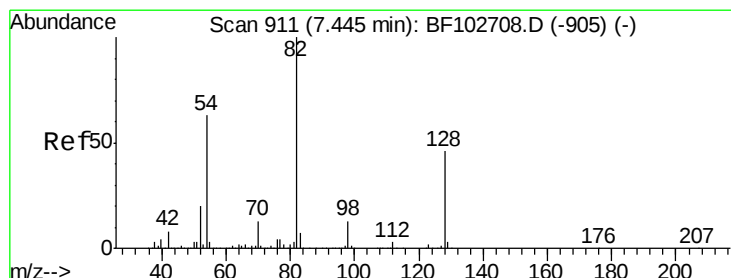
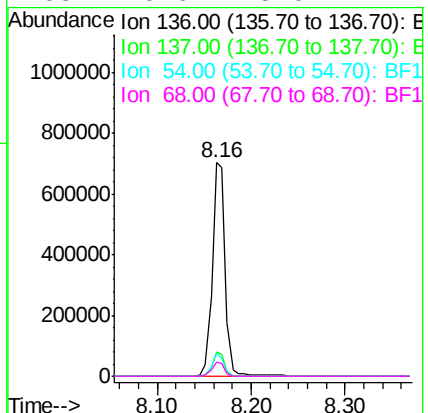
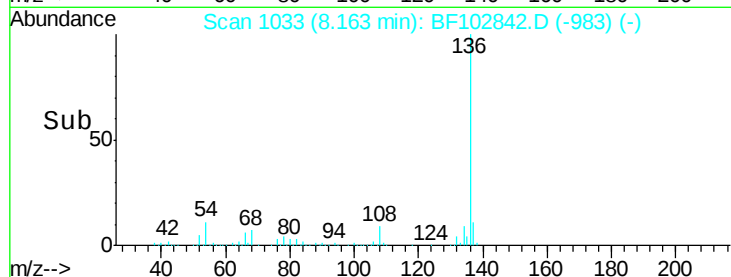
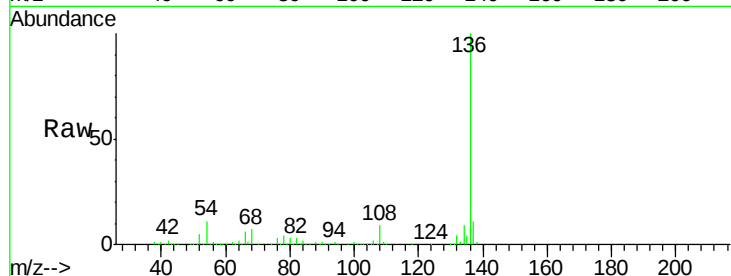




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102842.D
Acq: 8 Feb 2018 3:58

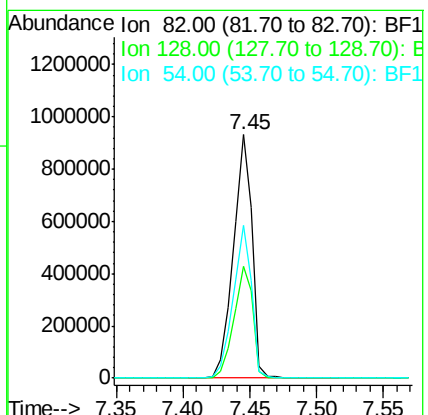
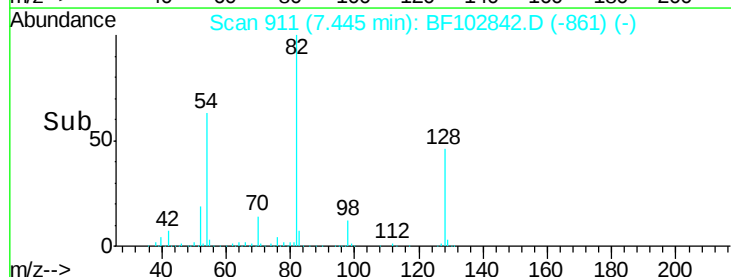
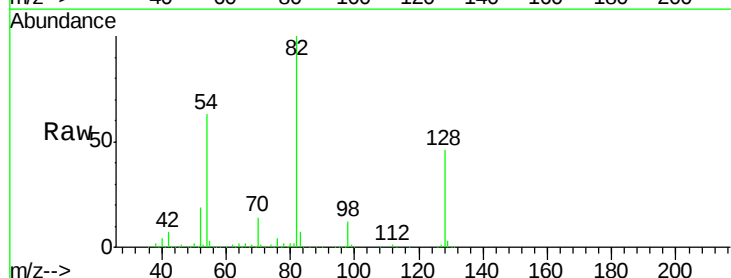
Instrument :
BNA_F
ClientSampleId :
SB-03

Tot Ion:136	Resp:	690803
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.7	6.6 9.8#
68	6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.396 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102842.D
Acq: 8 Feb 2018 3:58

Tgt Ion: 82	Resp:	920092
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	63.0	41.4 62.2#

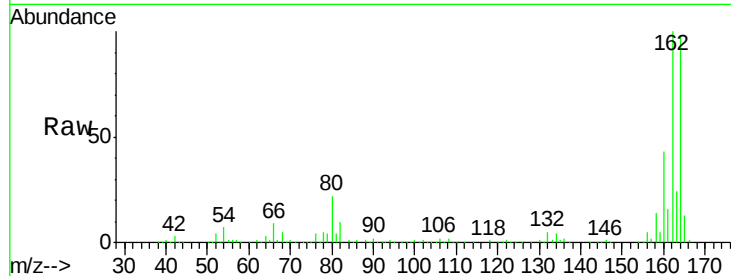




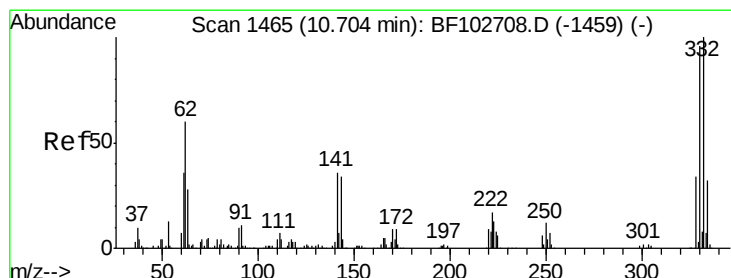
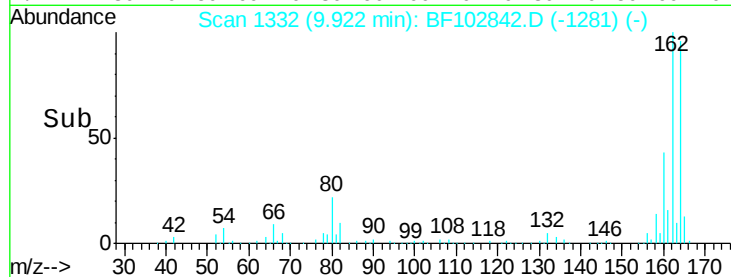
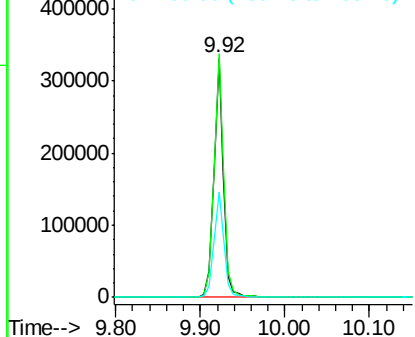
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102842.D
 Acq: 8 Feb 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Tot Ion:164 Resp: 274280
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 44.3 38.3 57.5

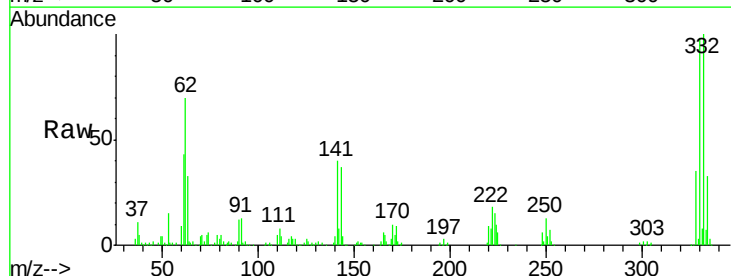


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

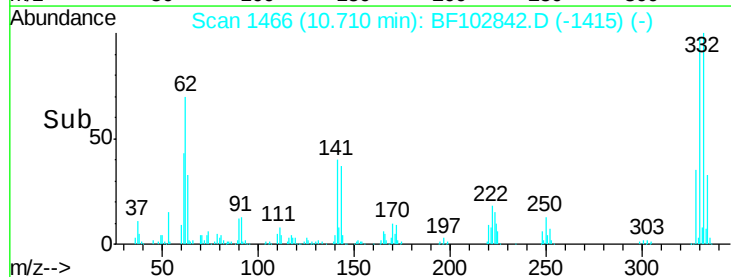
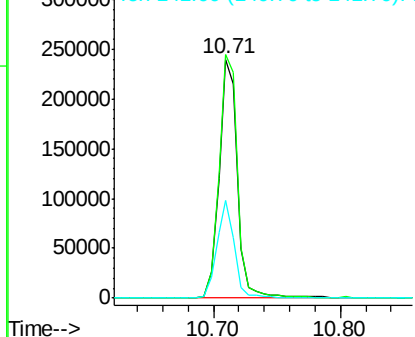


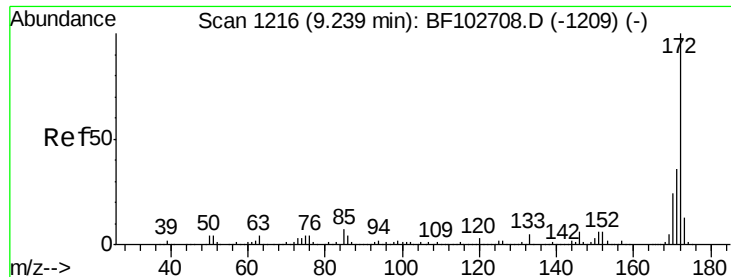
#41
 2,4,6-Tribromophenol
 Concen: 110.483 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102842.D
 Acq: 8 Feb 2018 3:58

Tgt Ion:330 Resp: 243905
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 39.8 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

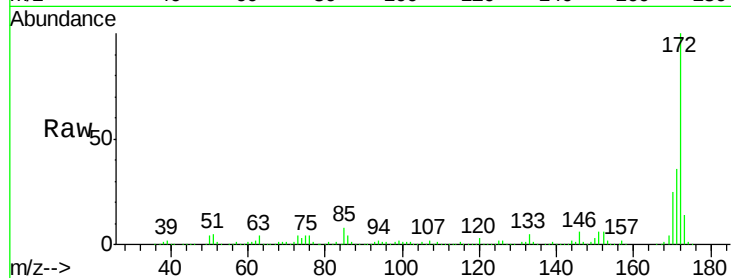




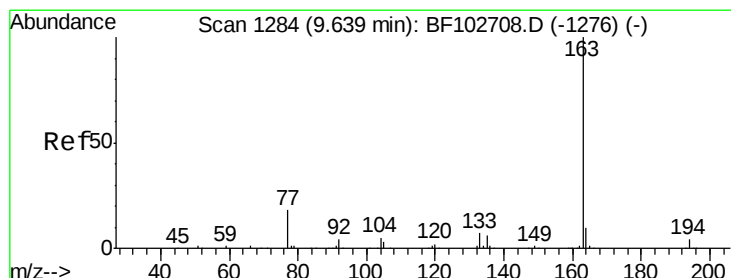
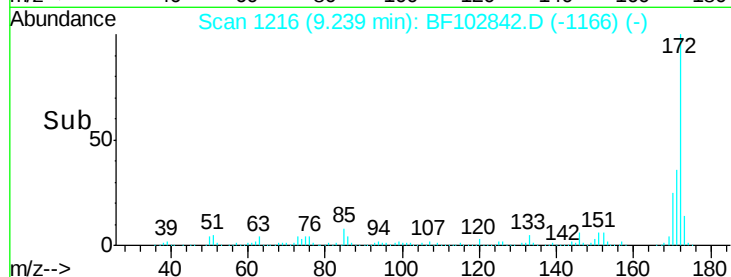
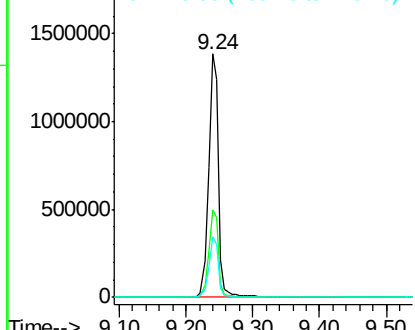
#44
2-Fluorobiphenyl
Concen: 85.981 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102842.D
Acq: 8 Feb 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tot Ion:172 Resp: 1421207
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.8 19.6 29.4

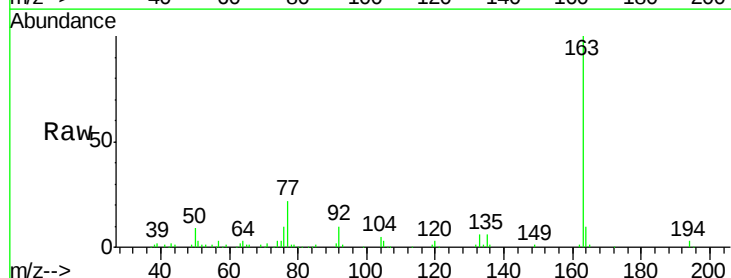


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

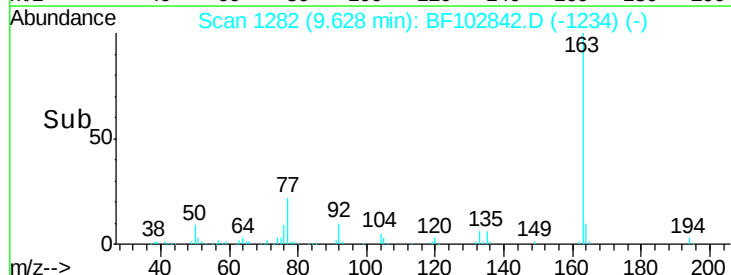
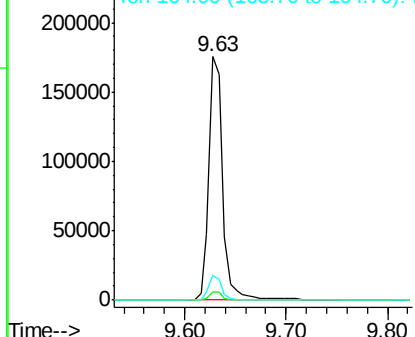


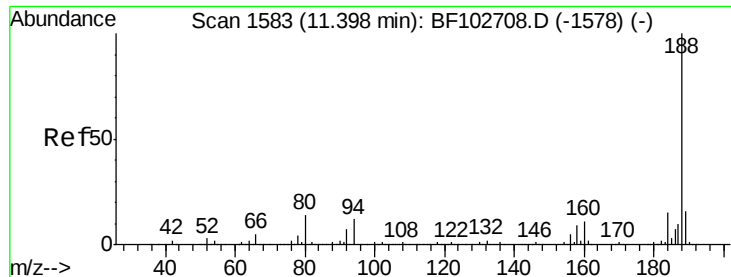
#49
Dimethylphthalate
Concen: 7.826 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102842.D
Acq: 8 Feb 2018 3:58

Tgt Ion:163 Resp: 167369
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.3 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: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102842.D

Acq: 8 Feb 2018 3:58

Instrument :

BNA_F

ClientSampleId :

SB-03

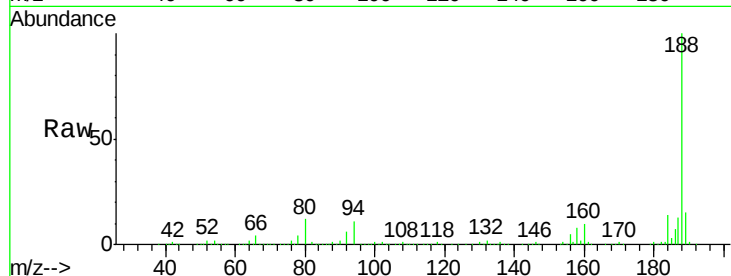
Tot Ion:188 Resp: 405934

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

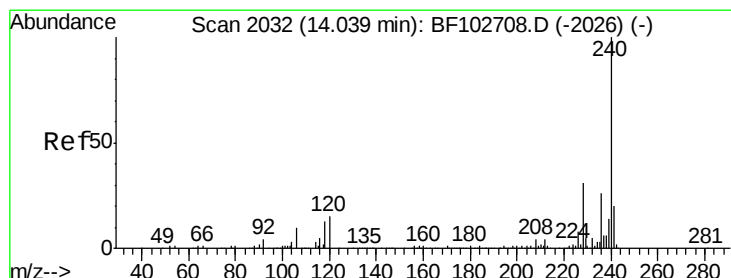
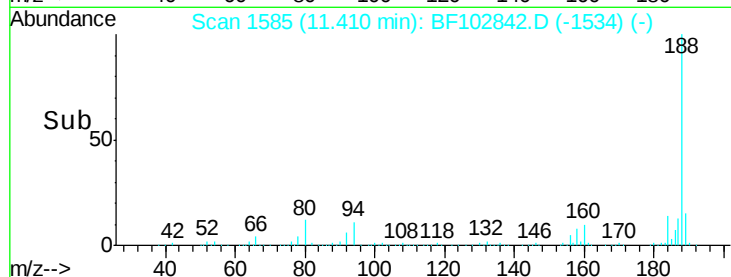
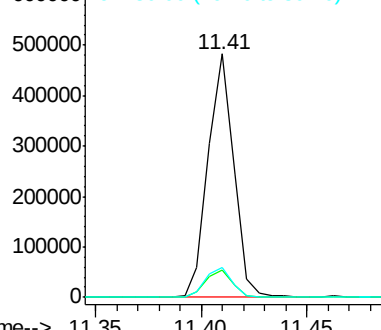
80 12.2 9.2 13.8



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102842.D

Acq: 8 Feb 2018 3:58

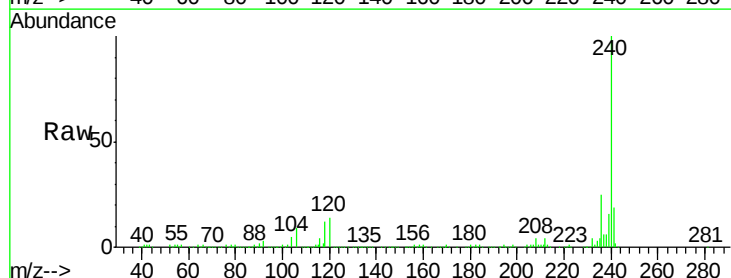
Tgt Ion:240 Resp: 321998

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

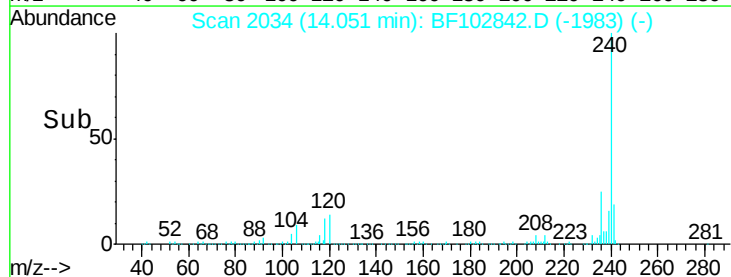
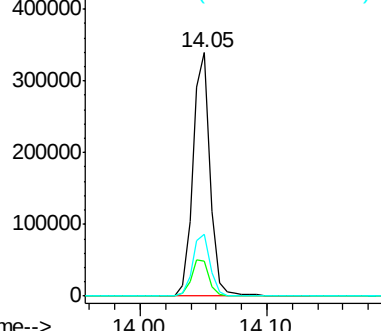
236 25.4 20.7 31.1

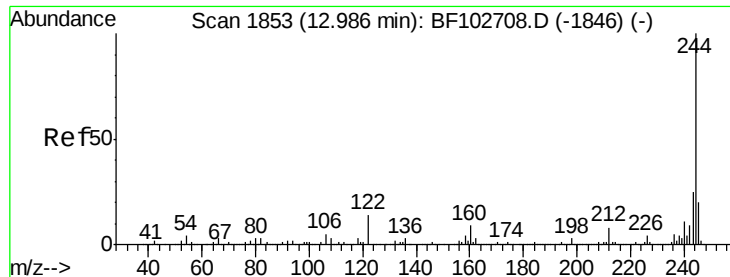


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.523 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102842.D

Acq: 8 Feb 2018 3:58

Instrument :

BNA_F

ClientSampled :

SB-03

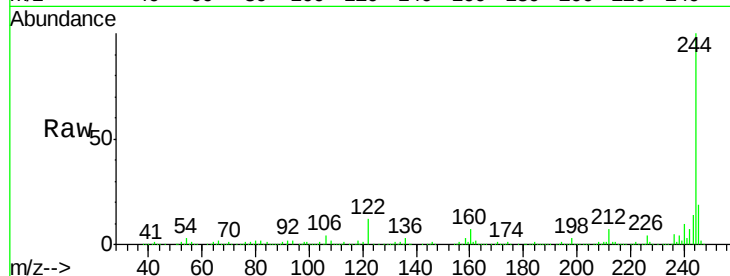
Tot Ion:244 Resp: 986252

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

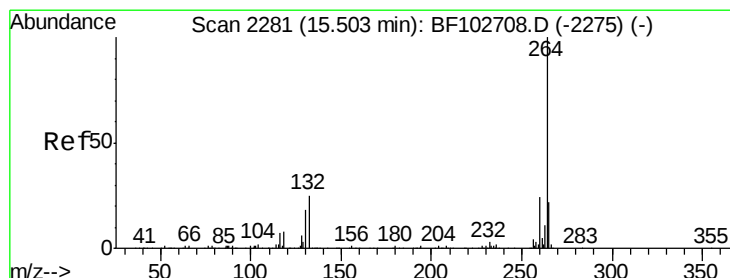
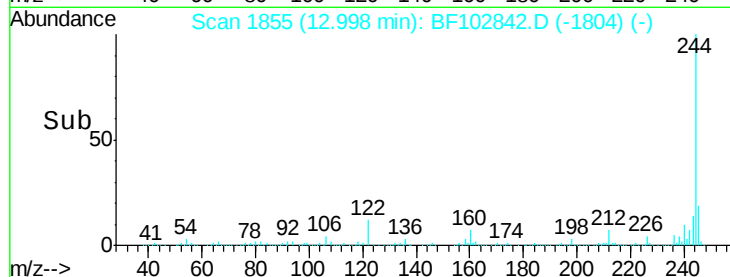
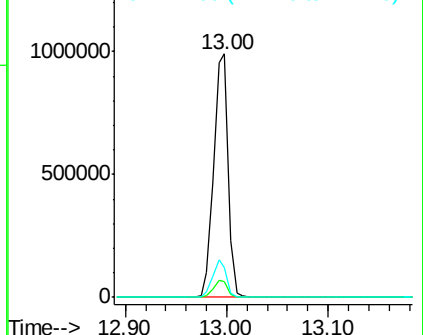
122 12.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF102842.D

Acq: 8 Feb 2018 3:58

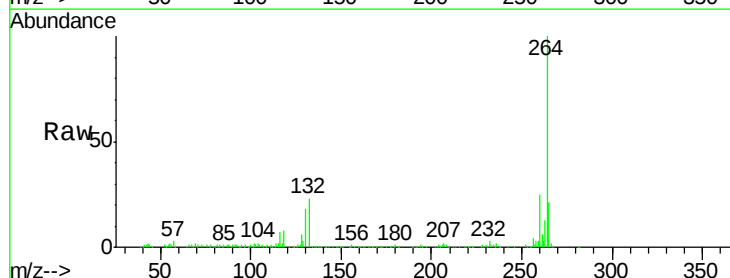
Tgt Ion:264 Resp: 241109

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.1 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

