

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102988.D
 Acq On : 14 Feb 2018 14:42
 Operator : SJ/JU
 Sample : J1530-47
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-03

Quant Time: Feb 14 15:57:48 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 00:38:27 2018
 Response via : Initial Calibration

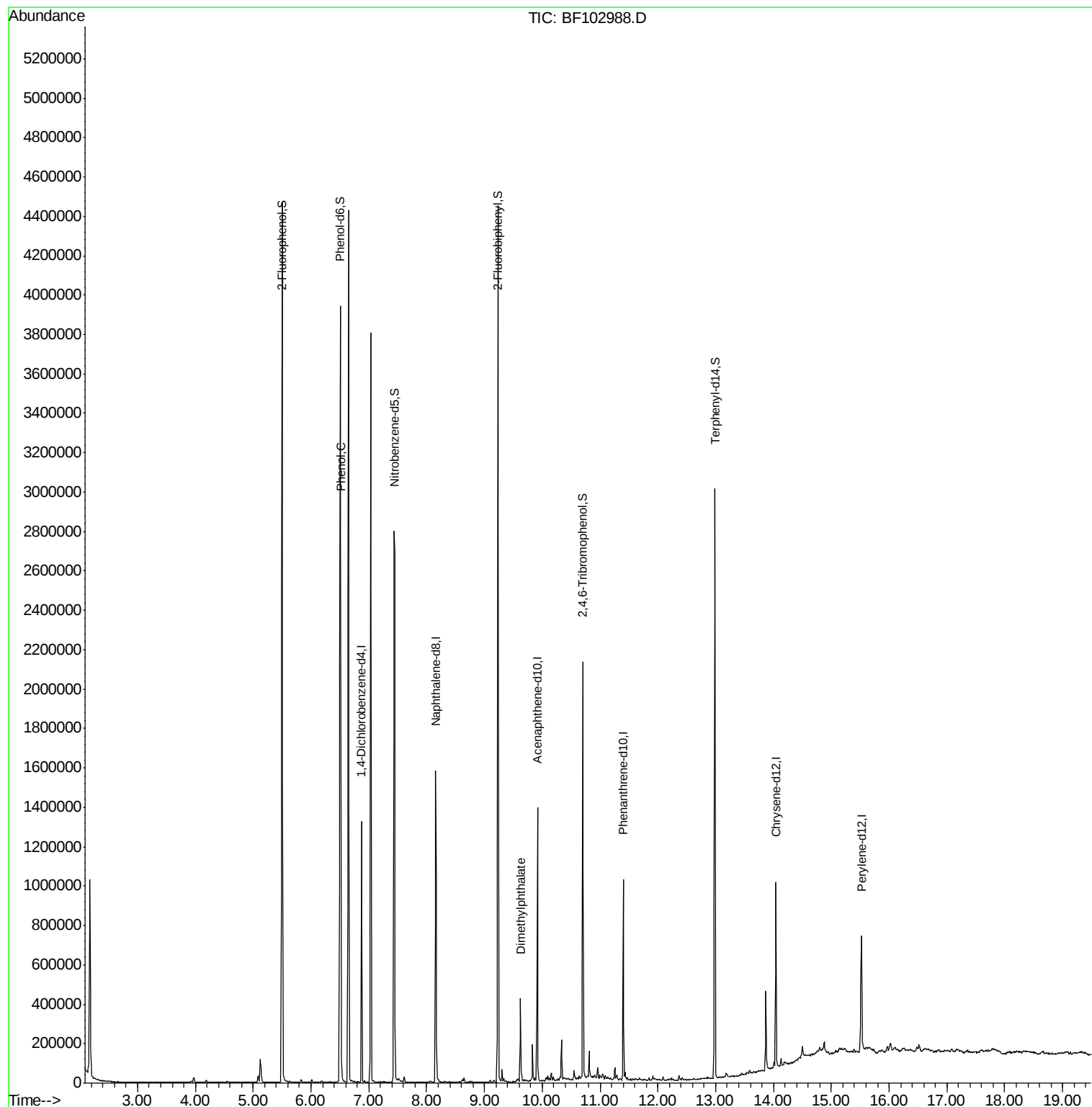
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170410	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	682328	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	269120	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	374843	20.00	ng	0.00
75) Chrysene-d12	14.04	240	298466	20.00	ng	0.00
86) Perylene-d12	15.52	264	257863	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1364990	121.65	ng	0.02
7) Phenol-d6	6.51	99	1636650	121.14	ng	0.01
23) Nitrobenzene-d5	7.44	82	1029054	104.62	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	230432	106.38	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1421429	87.64	ng	0.00
78) Terphenyl-d14	12.99	244	952844	75.59	ng	0.00
Target Compounds						
10) Phenol	6.52	94	54694	3.777	ng	98
49) Dimethylphthalate	9.62	163	141887	6.762	ng	100

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

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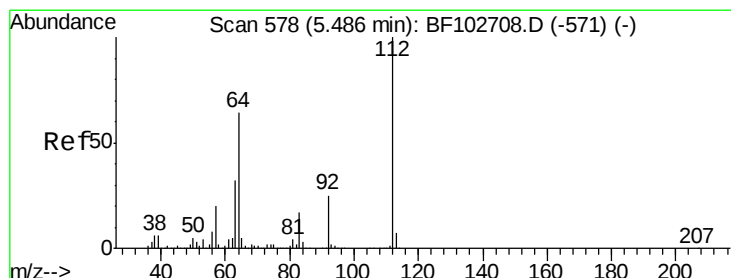
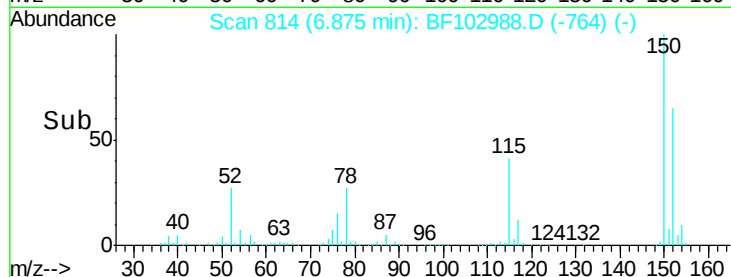
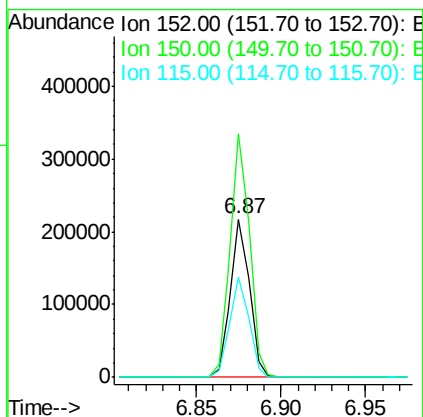
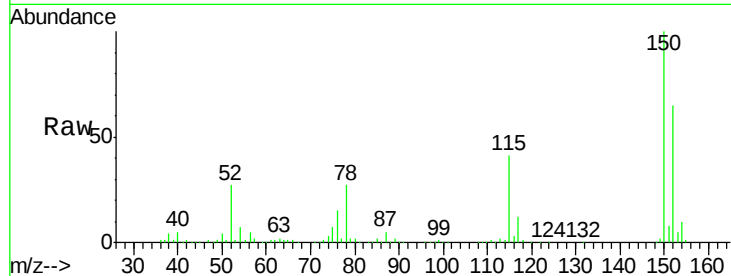


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102988.D
Acq: 14 Feb 2018 14:42

Instrument :
BNA_F
ClientSampleId :
WC-03

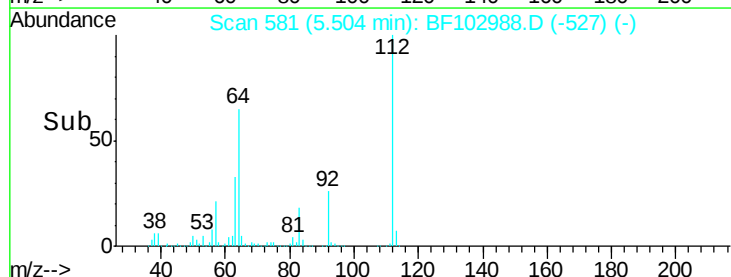
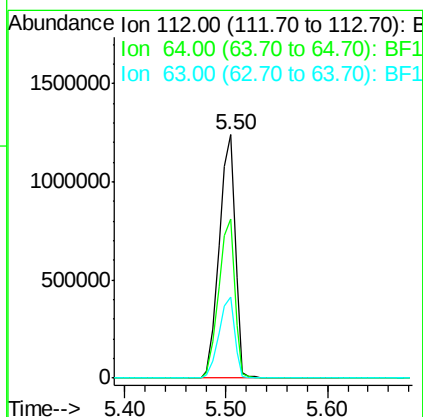
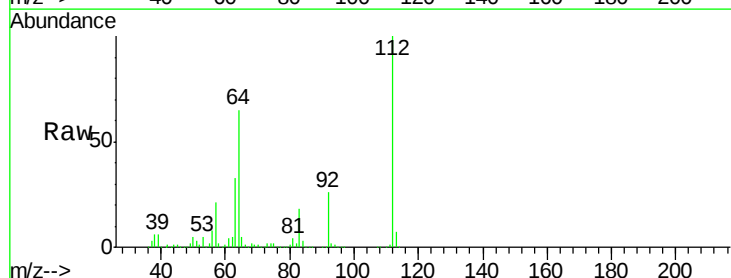
Tot Ion:152 Resp: 170410
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 63.2 50.1 75.1

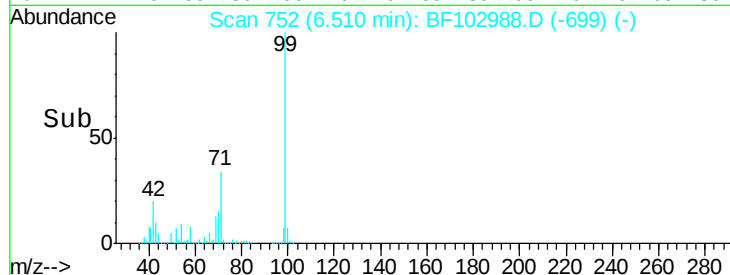
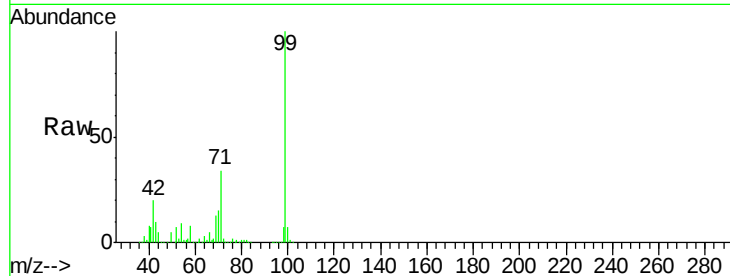


#5

2-Fluorophenol
Concen: 121.646 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF102988.D
Acq: 14 Feb 2018 14:42

Tgt Ion:112 Resp: 1364990
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 121.136 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102988.D

Acq: 14 Feb 2018 14:42

Instrument :

BNA_F

ClientSampleId :

WC-03

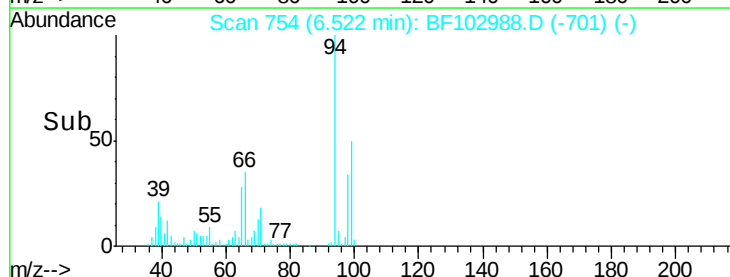
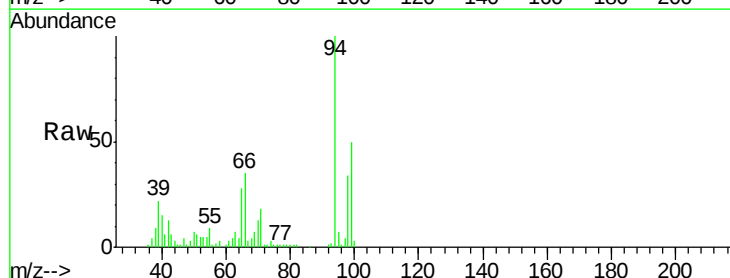
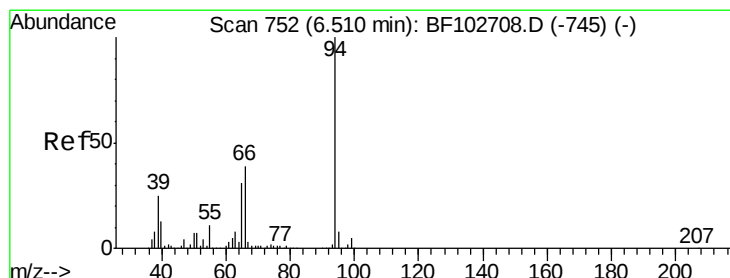
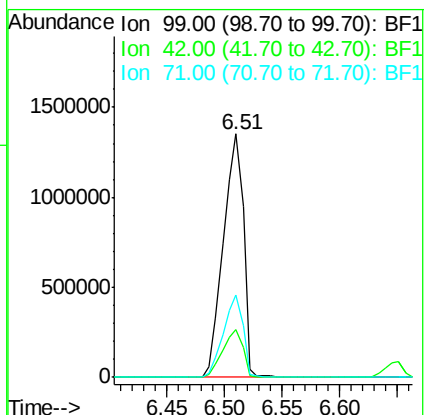
Tot Ion: 99 Resp: 1636650

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.1 25.4 38.0



#10

Phenol

Concen: 3.777 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF102988.D

Acq: 14 Feb 2018 14:42

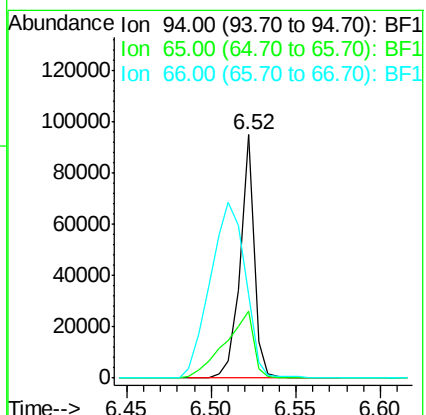
Tgt Ion: 94 Resp: 54694

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 34.6 16.2 56.2

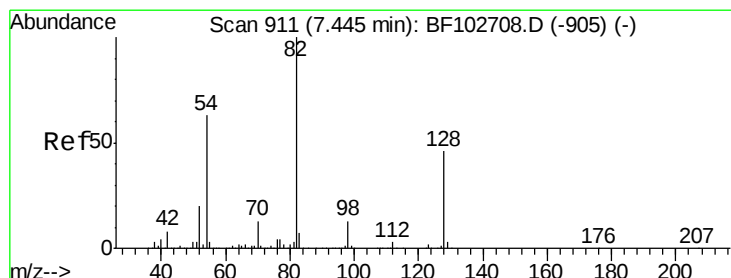
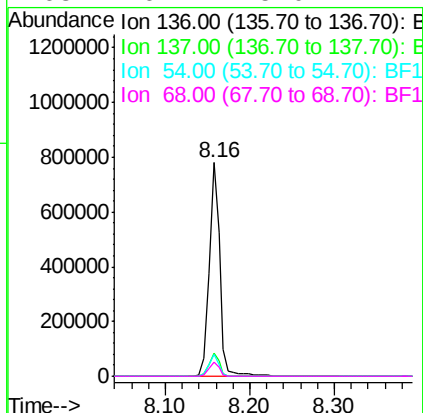
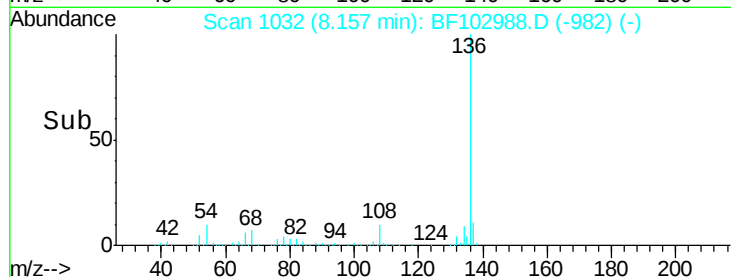
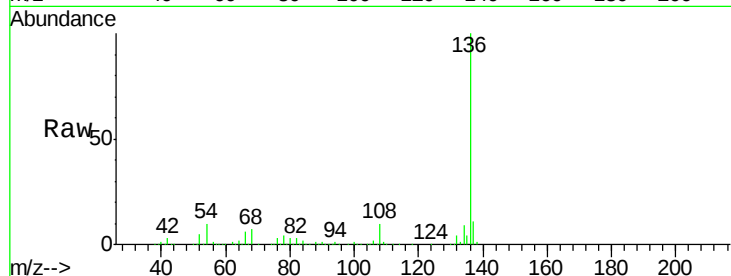




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102988.D
Acq: 14 Feb 2018 14:42

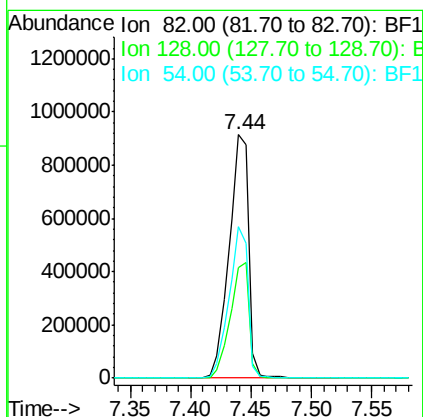
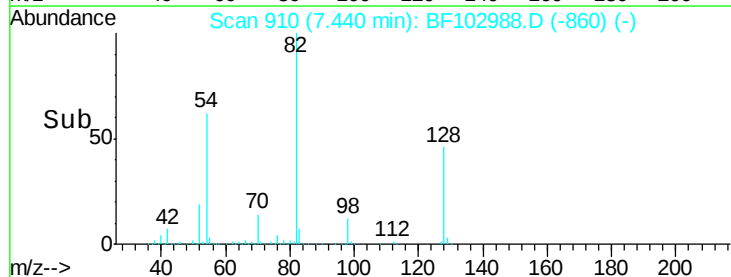
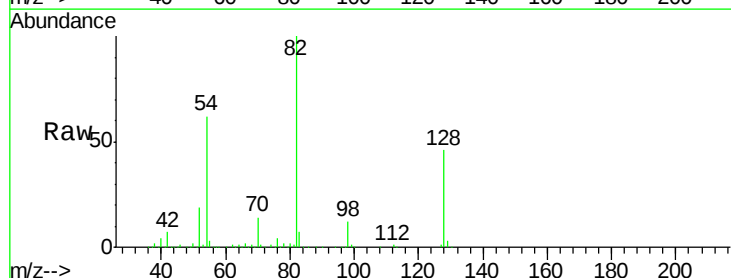
Instrument :
BNA_F
ClientSampleId :
WC-03

Tot Ion:136	Resp: 682328
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 10.0	6.6 9.8#
68 6.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 104.621 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102988.D
Acq: 14 Feb 2018 14:42

Tgt Ion	82	Resp: 1029054	
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	62.0	41.4	62.2

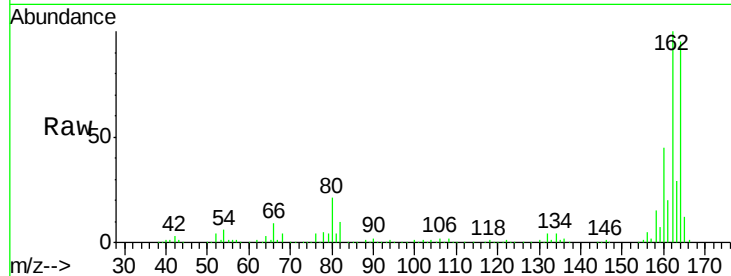




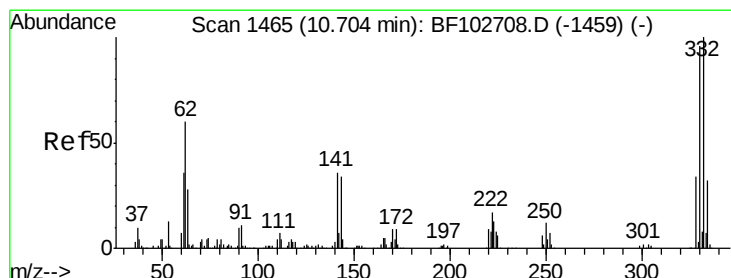
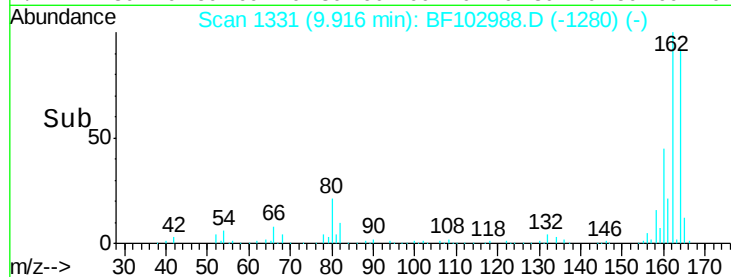
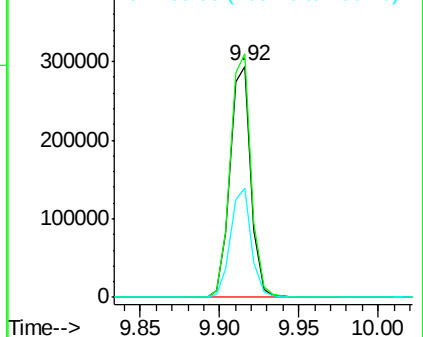
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF102988.D
 Acq: 14 Feb 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-03

Tot Ion:164 Resp: 269120
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 47.3 38.3 57.5

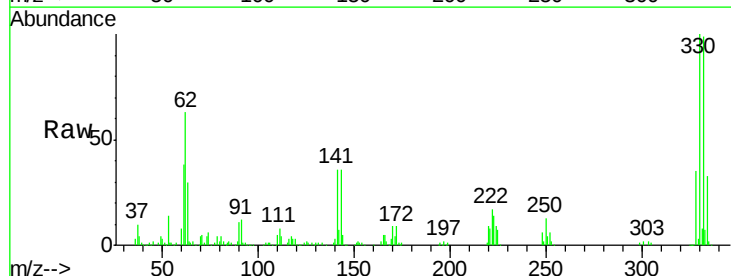


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

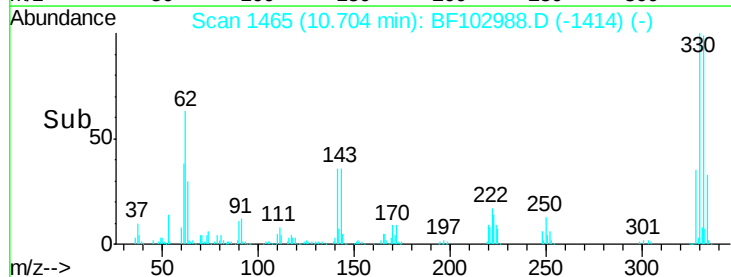
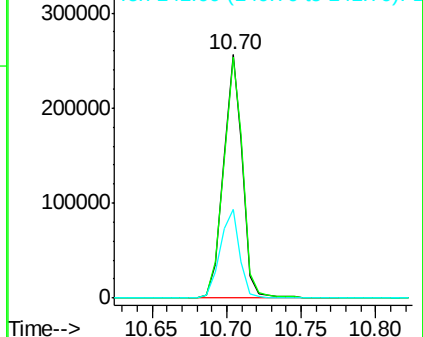


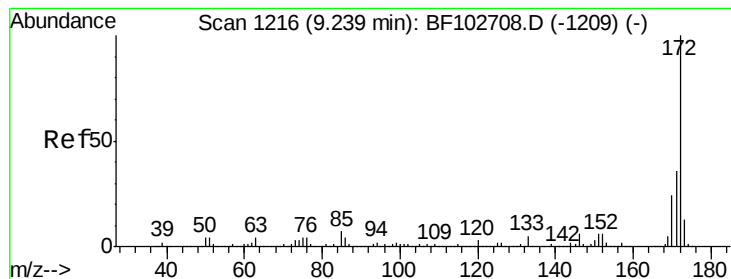
#41
 2,4,6-Tribromophenol
 Concen: 106.381 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102988.D
 Acq: 14 Feb 2018 14:42

Tgt Ion:330 Resp: 230432
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.0 115.6
 141 37.6 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: 87.643 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102988.D

Acq: 14 Feb 2018 14:42

Instrument :

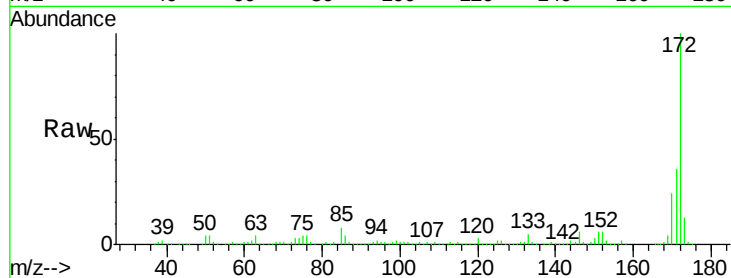
BNA_F

ClientSampleId :

WC-03

Tot Ion:172 Resp: 1421429

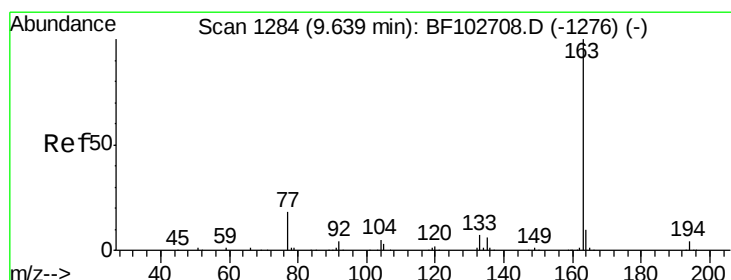
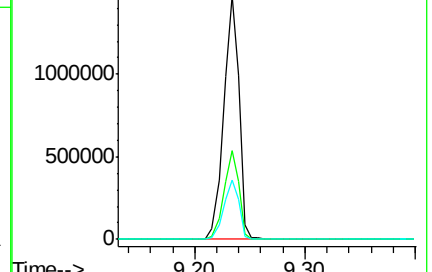
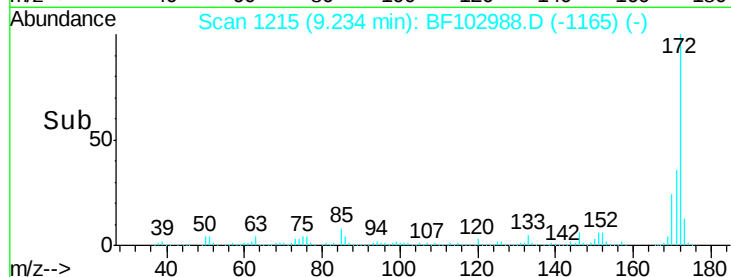
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

2000000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 6.762 ng

RT: 9.62 min Scan# 1281

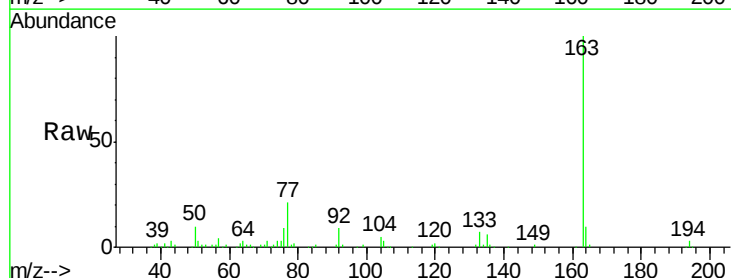
Delta R.T. -0.02 min

Lab File: BF102988.D

Acq: 14 Feb 2018 14:42

Tgt Ion:163 Resp: 141887

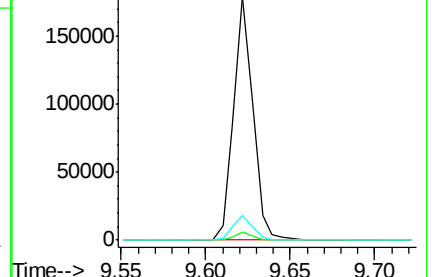
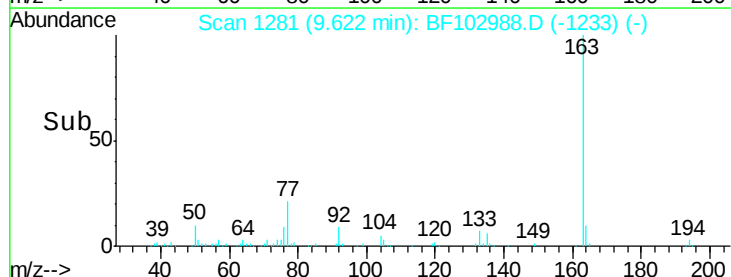
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

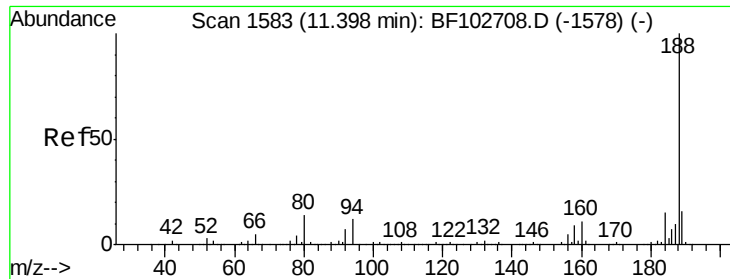


Abundance Ion 163.00 (162.70 to 163.70): E

250000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

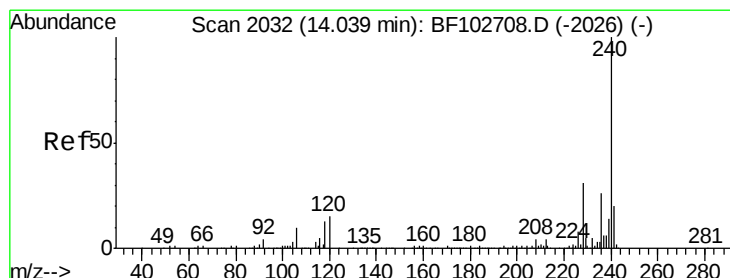
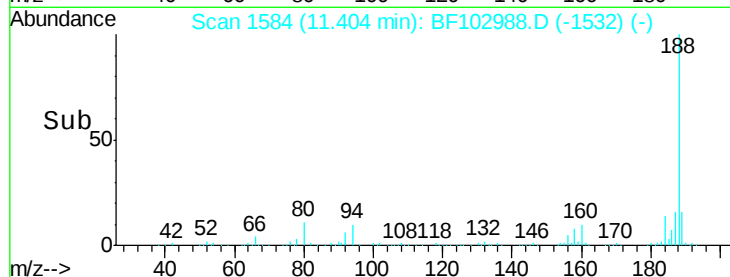
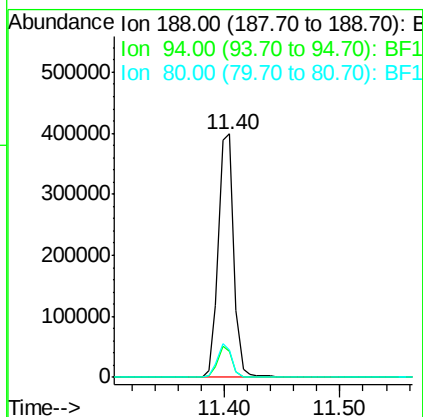
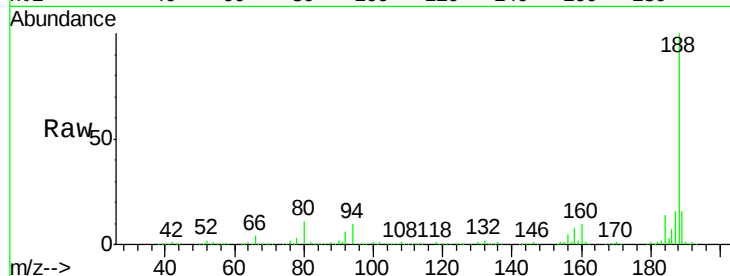




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102988.D
Acq: 14 Feb 2018 14:42

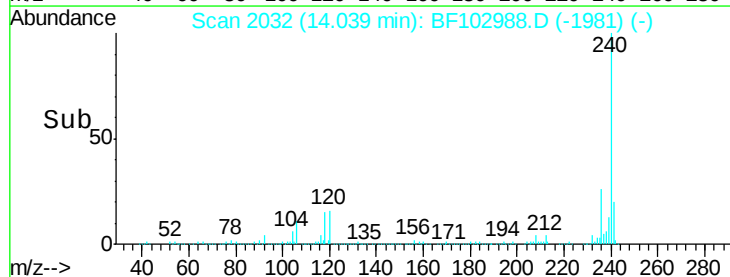
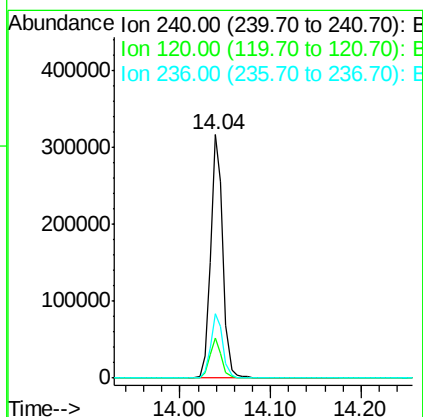
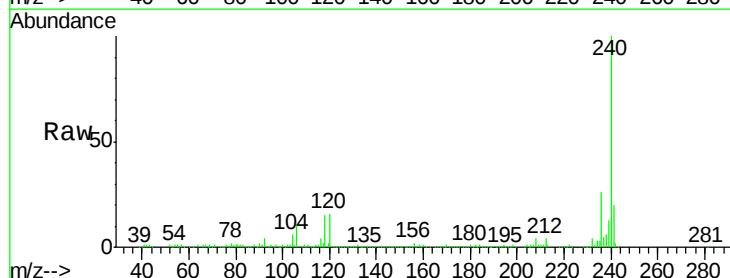
Instrument :
BNA_F
ClientSampled :
WC-03

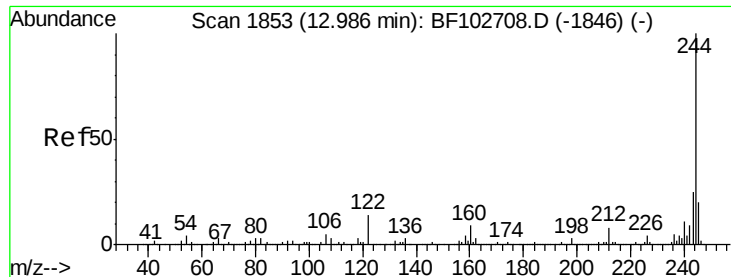
Tot Ion:188 Resp: 374843
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102988.D
Acq: 14 Feb 2018 14:42

Tgt Ion:240 Resp: 298466
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 75.591 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102988.D

Acq: 14 Feb 2018 14:42

Instrument :

BNA_F

ClientSampled :

WC-03

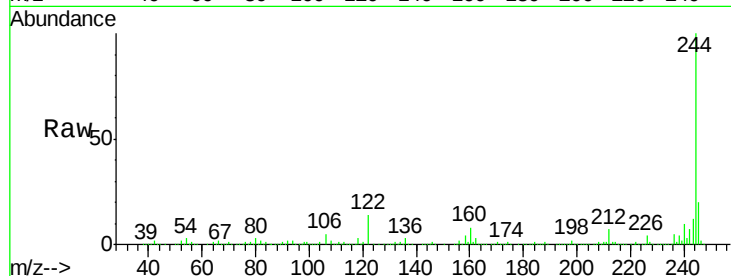
Tot Ion:244 Resp: 952844

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

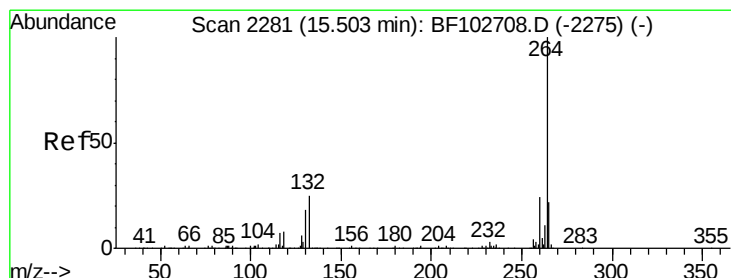
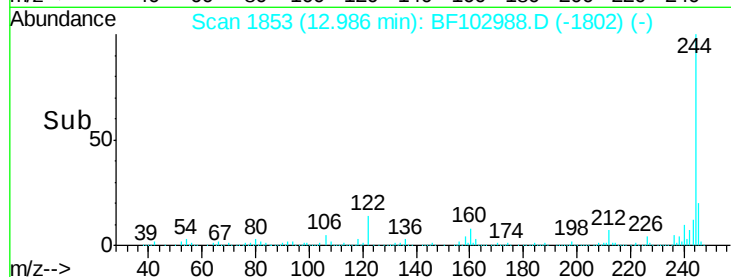
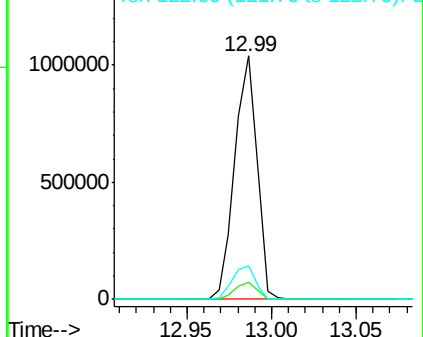
122 13.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF102988.D

Acq: 14 Feb 2018 14:42

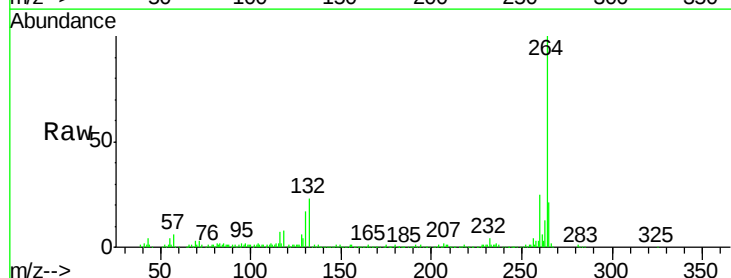
Tgt Ion:264 Resp: 257863

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

