

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101308.D
 Acq On : 12 Dec 2017 2:29
 Operator : SJ/JU
 Sample : I6802-01 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-17273

Quant Time: Dec 12 03:21:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44630	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	173624	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	73021	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	117965	20.00	ng	0.00
75) Chrysene-d12	14.01	240	98477	20.00	ng	0.00
86) Perylene-d12	15.49	264	83725	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	29566	10.95	ng	0.00
7) Phenol-d6	6.46	99	55253	16.85	ng	0.00
23) Nitrobenzene-d5	7.39	82	34072	11.71	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	3382	3.86	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	79083	14.82	ng	0.00
78) Terphenyl-d14	12.94	244	55434	12.31	ng	0.00

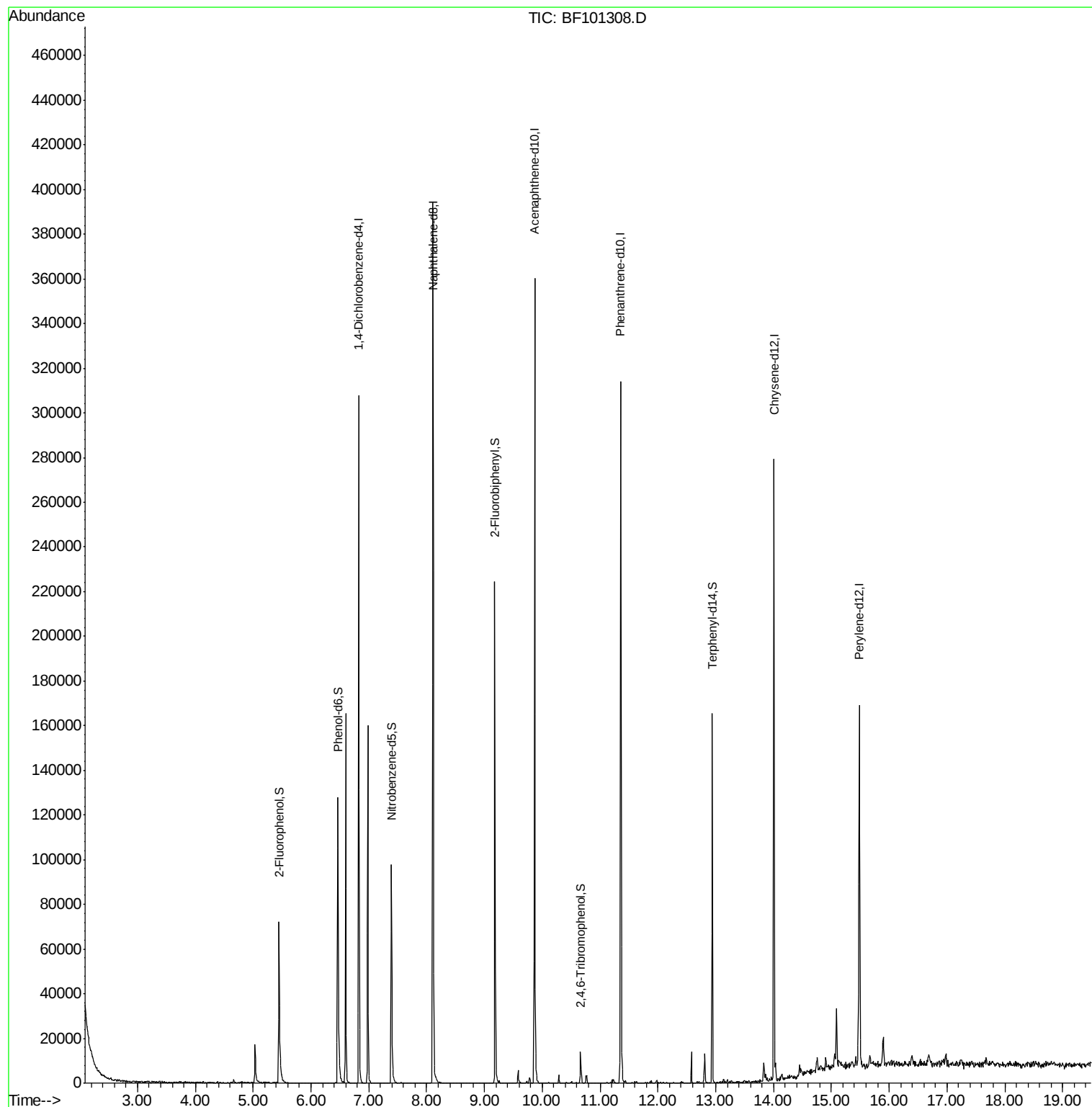
Target Compounds	Qvalue
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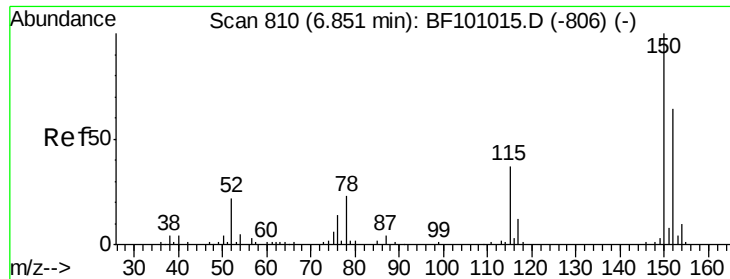
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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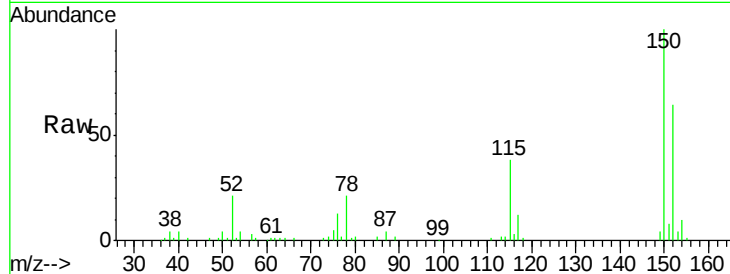


#1

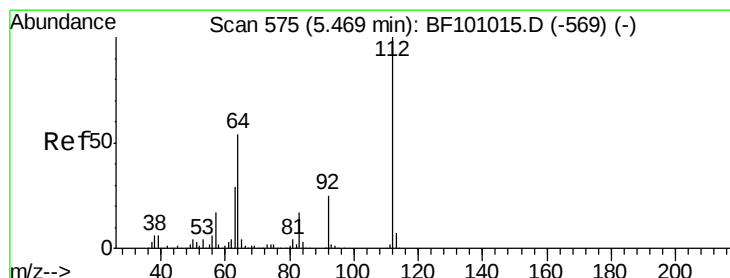
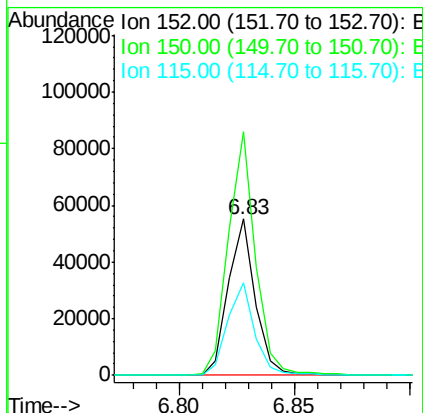
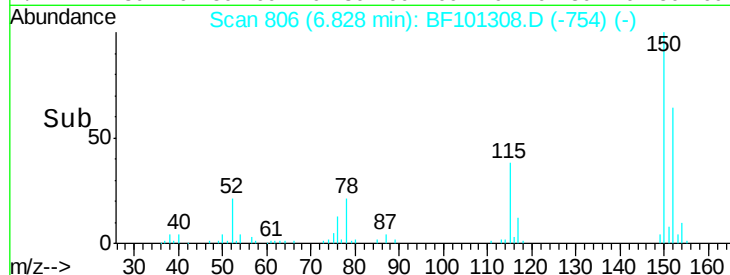
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101308.D
Acq: 12 Dec 2017 2:29

Instrument :
BNA_F
ClientSampleId :
CONCRETE-17273

Tot Ion:152 Resp: 44630
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 59.7 50.1 75.1



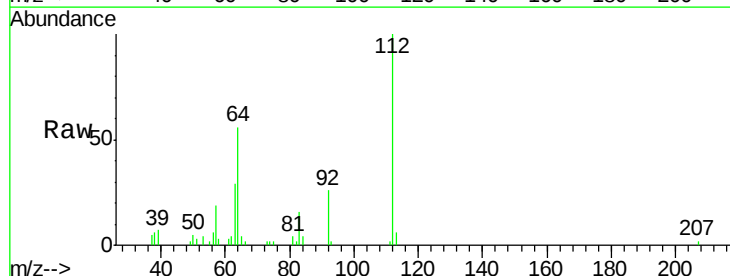
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



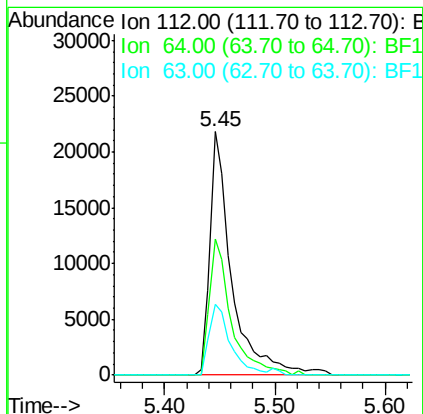
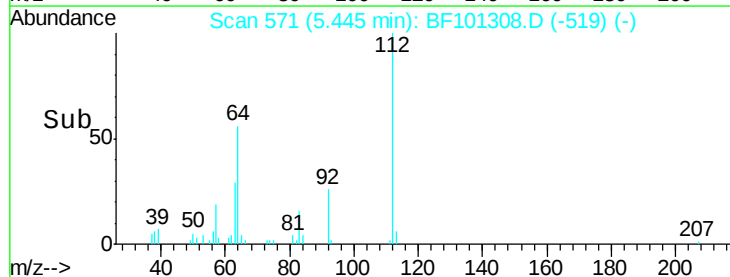
#5

2-Fluorophenol
Concen: 10.947 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101308.D
Acq: 12 Dec 2017 2:29

Tgt Ion:112 Resp: 29566
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 29.0 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: 16.850 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101308.D

Acq: 12 Dec 2017 2:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-17273

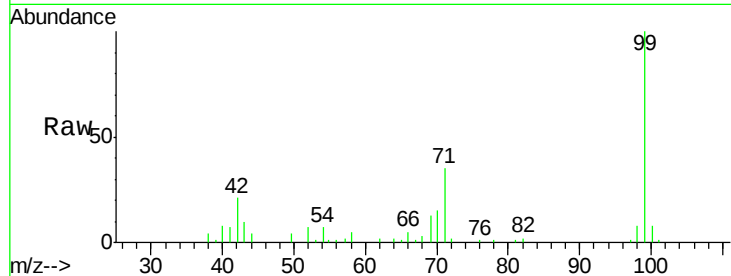
Tot Ion: 99 Resp: 55253

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

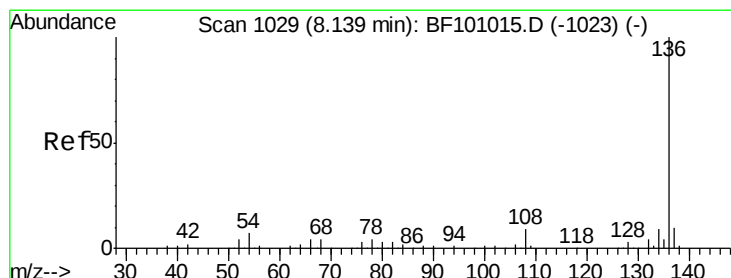
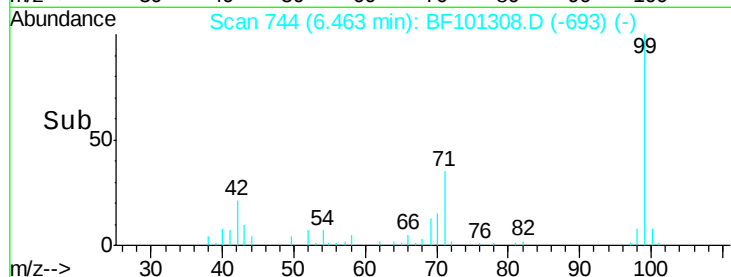
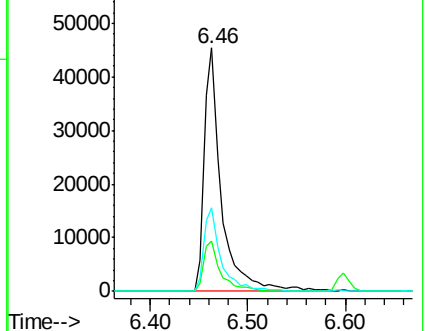
71 34.6 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF101308.D

Acq: 12 Dec 2017 2:29

Tgt Ion: 136 Resp: 173624

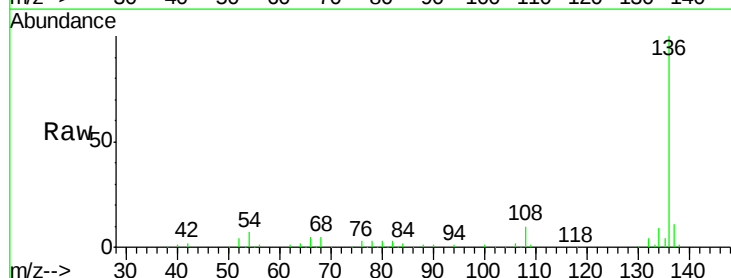
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 4.5 5.0 7.4#

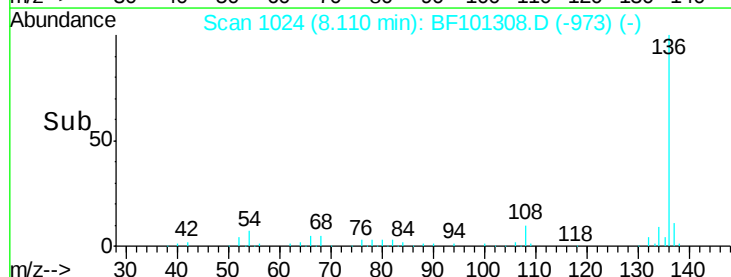
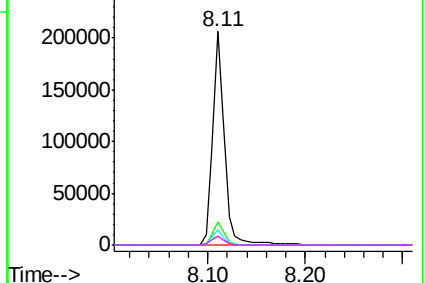


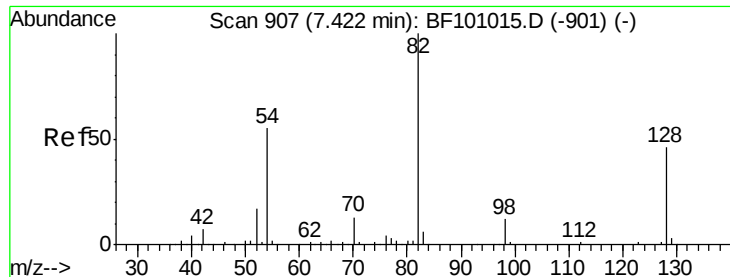
Abundance Ion 136.00 (135.70 to 136.70): E

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

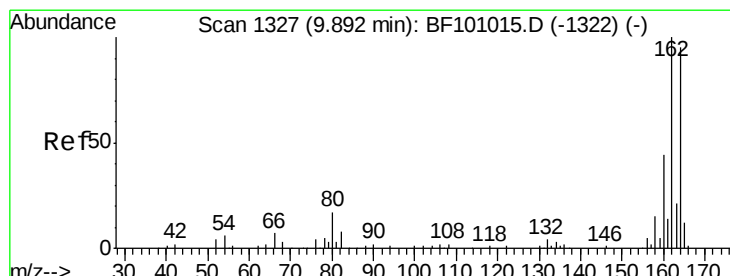
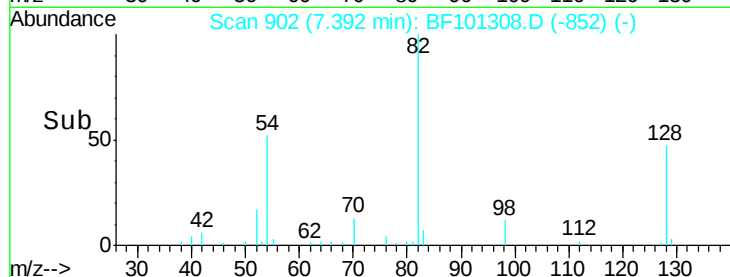
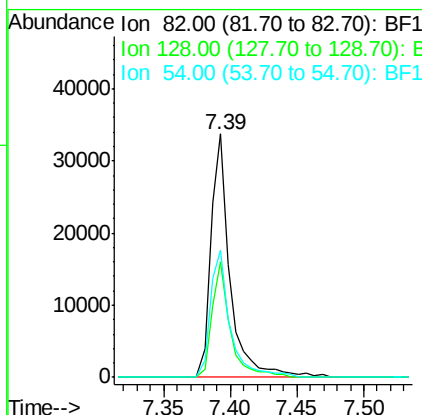
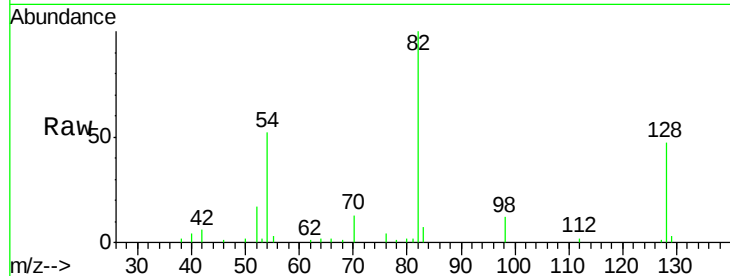




#23
Nitrobenzene-d5
Concen: 11.706 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101308.D
Acq: 12 Dec 2017 2:29

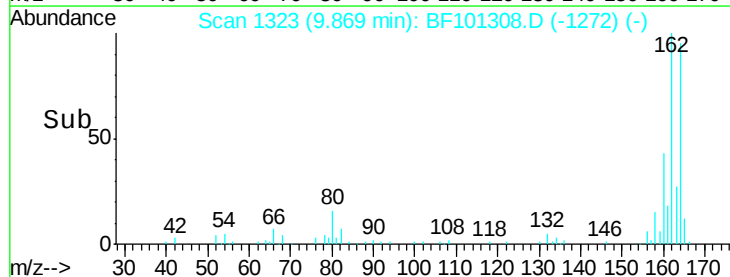
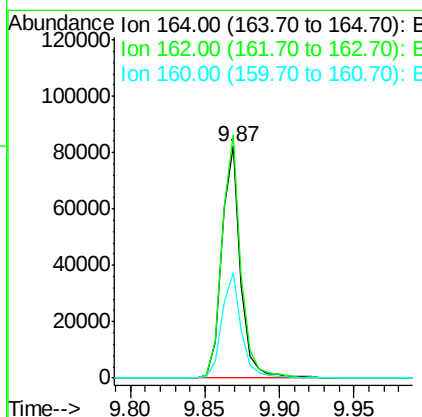
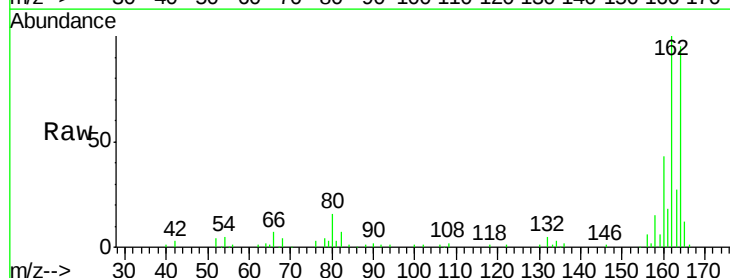
Instrument :
BNA_F
ClientSampleId :
CONCRETE-17273

Tot Ion: 82 Resp: 34072
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 52.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101308.D
Acq: 12 Dec 2017 2:29

Tgt Ion: 164 Resp: 73021
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.5 38.3 57.5

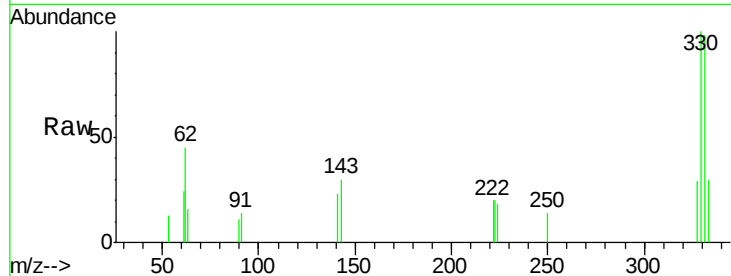




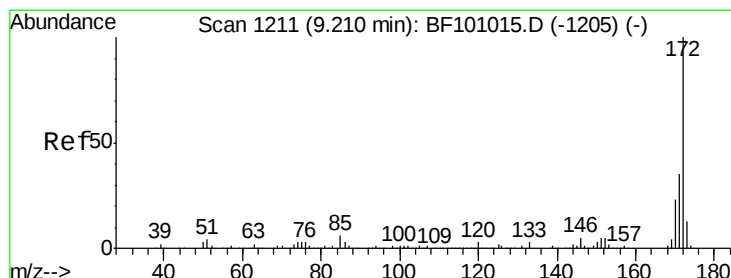
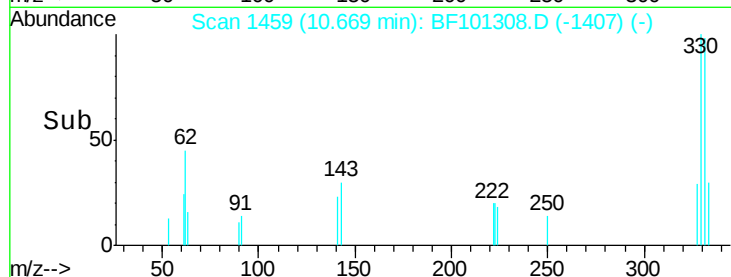
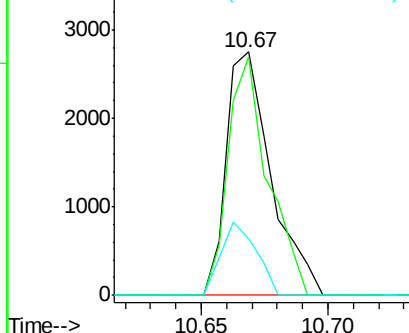
#41
 2,4,6-Tribromophenol
 Concen: 3.855 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101308.D
 Acq: 12 Dec 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-17273

Tot Ion:330 Resp: 3382
 Ion Ratio Lower Upper
 330 100
 332 87.0 77.0 115.6
 141 23.5 29.9 44.9#

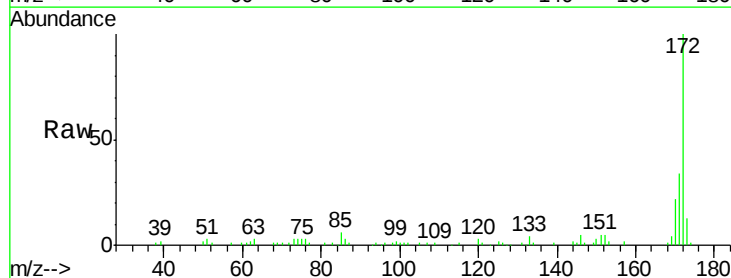


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

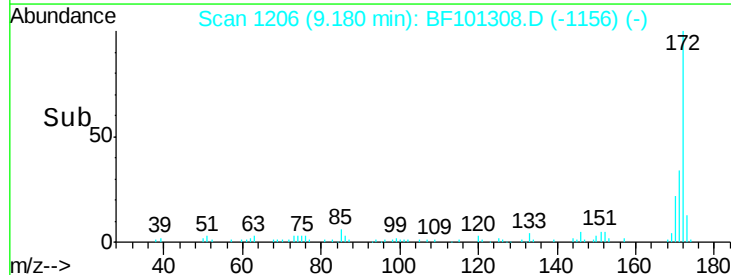
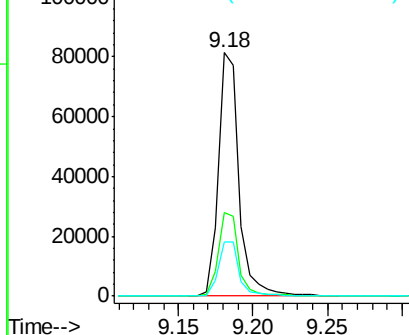


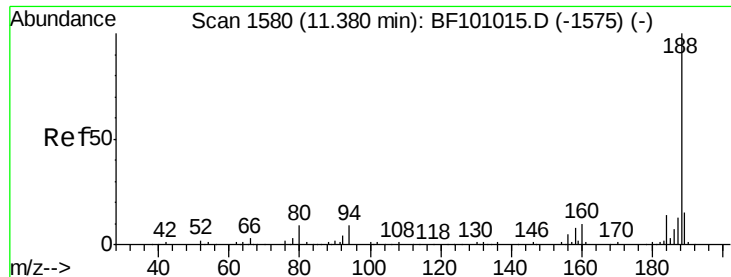
#44
 2-Fluorobiphenyl
 Concen: 14.818 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101308.D
 Acq: 12 Dec 2017 2:29

Tgt Ion:172 Resp: 79083
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.7 44.5
 170 22.3 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: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101308.D

Acq: 12 Dec 2017 2:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-17273

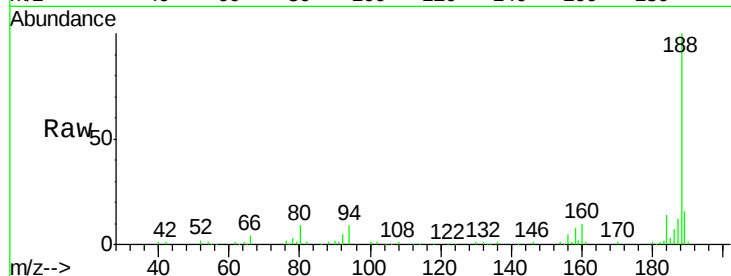
Tot Ion:188 Resp: 117965

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

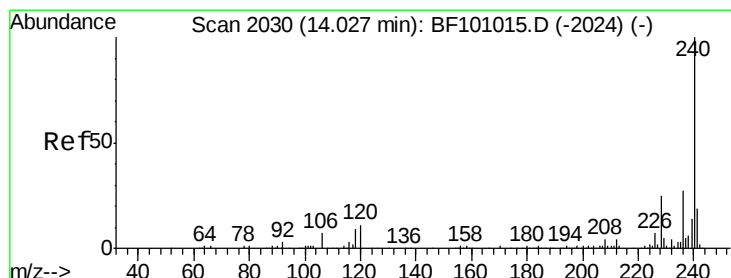
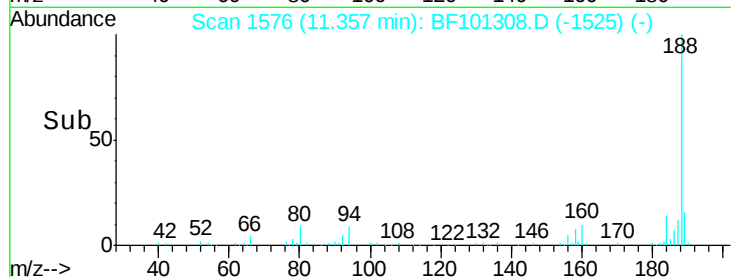
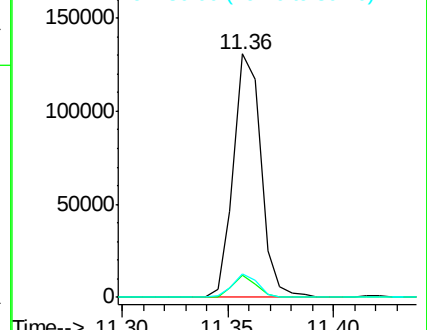
80 9.5 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101308.D

Acq: 12 Dec 2017 2:29

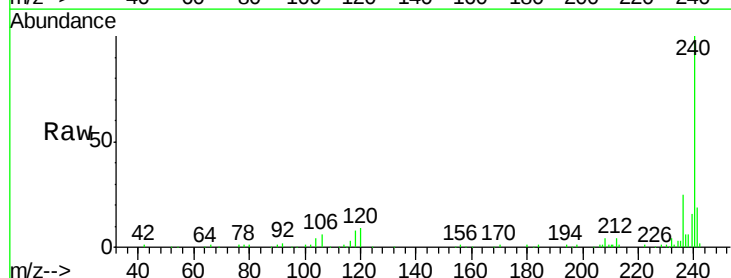
Tgt Ion:240 Resp: 98477

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

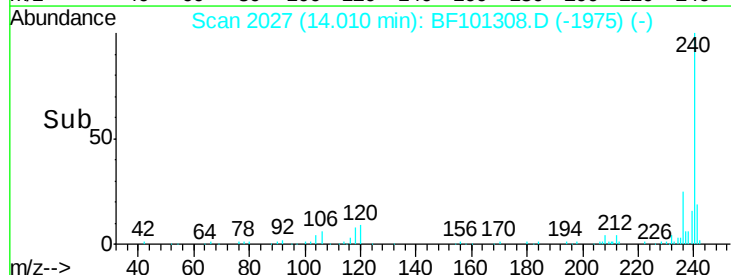
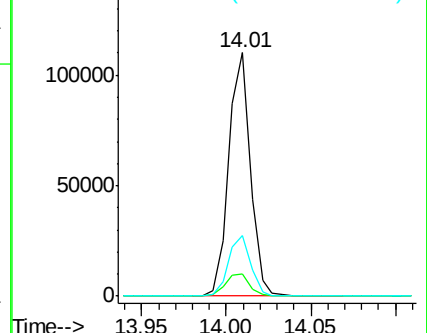
236 24.9 20.7 31.1

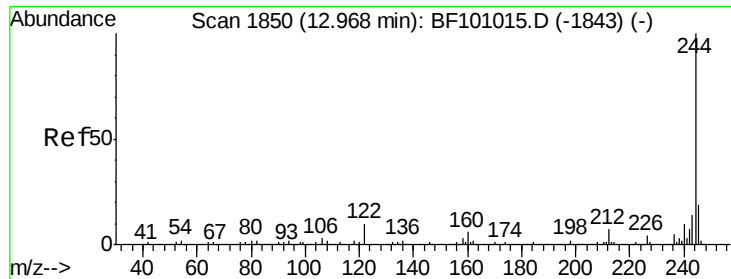


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

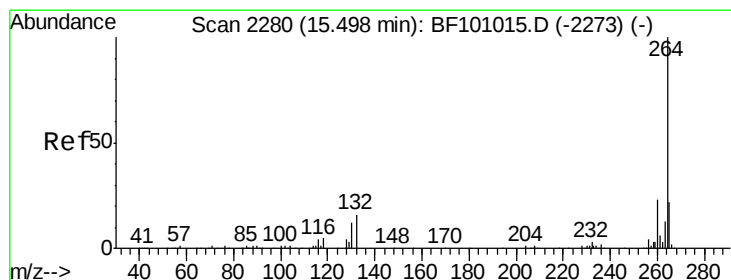
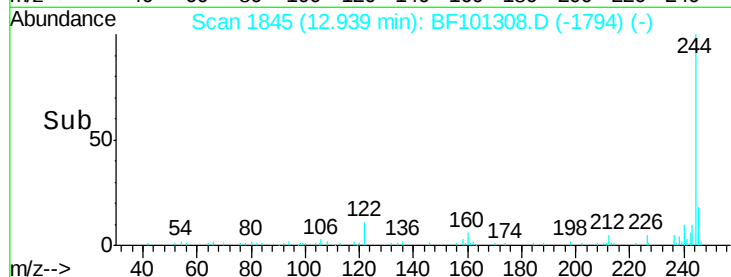
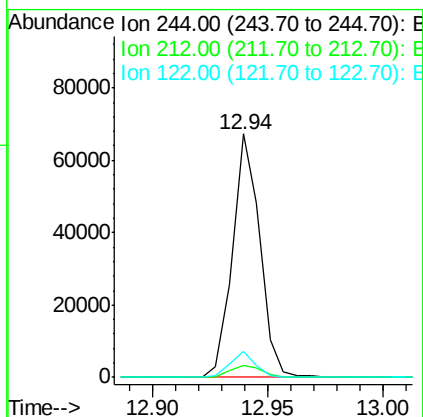
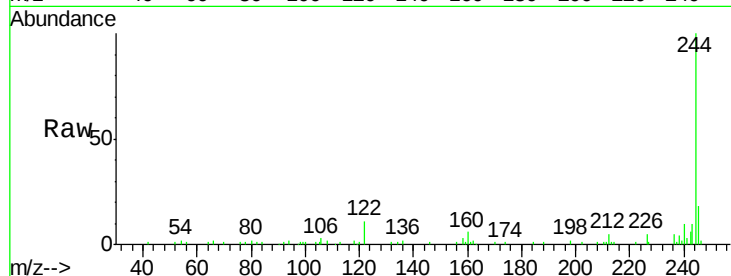




#78
 Terphenyl-d14
 Concen: 12.312 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101308.D
 Acq: 12 Dec 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-17273

Tot Ion:244 Resp: 55434
 Ion Ratio Lower Upper
 244 100
 212 5.0 5.4 8.0#
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101308.D
 Acq: 12 Dec 2017 2:29

Tgt Ion:264 Resp: 83725
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.9 17.5 26.3

