

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099342.D
 Acq On : 11 Oct 2017 13:22
 Operator : SJ/JU
 Sample : I5766-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-CONCRETE

Quant Time: Oct 11 16:31:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102319	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	430982	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	200495	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	353676	20.00	ng	0.00
75) Chrysene-d12	14.01	240	206669	20.00	ng	0.00
86) Perylene-d12	15.48	264	176024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	761418	118.46	ng	0.02
7) Phenol-d6	6.49	99	782782	98.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	645829	96.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	238602	145.44	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1210385	100.78	ng	0.00
78) Terphenyl-d14	12.96	244	1027957	113.12	ng	0.00

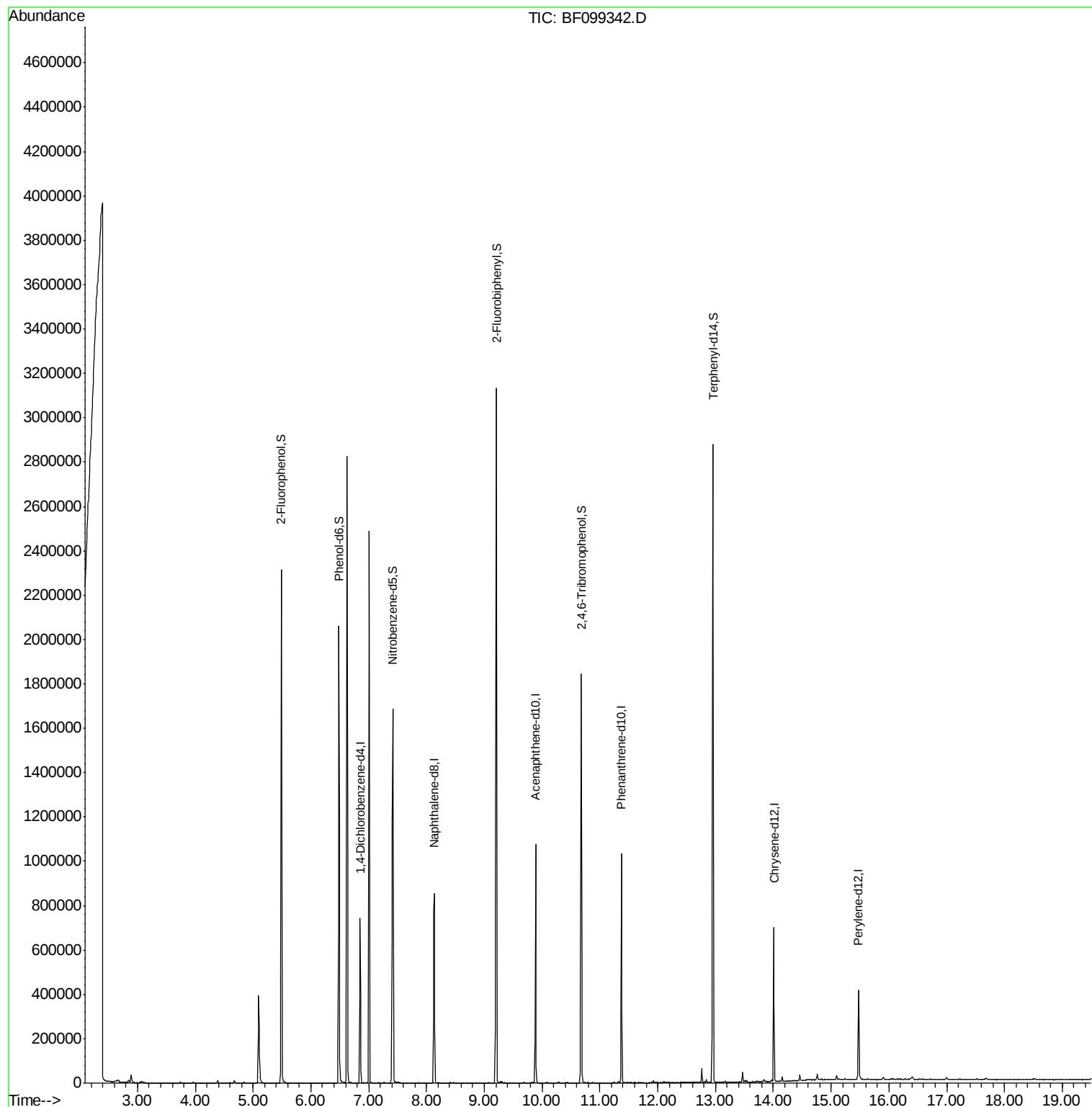
Target Compounds Qvalue

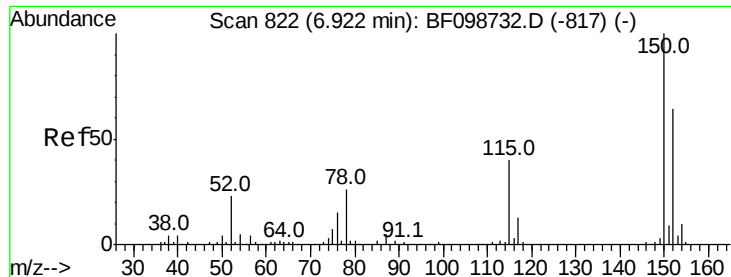
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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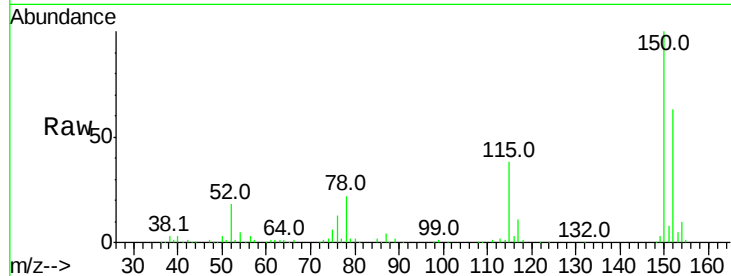


#1

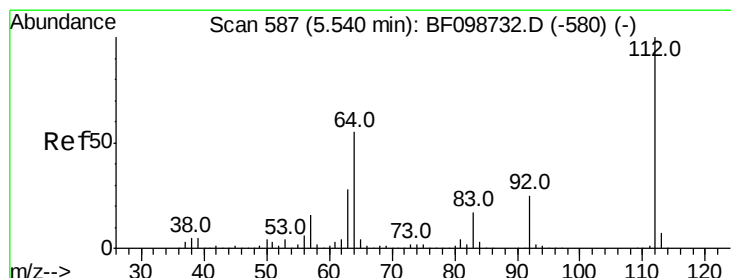
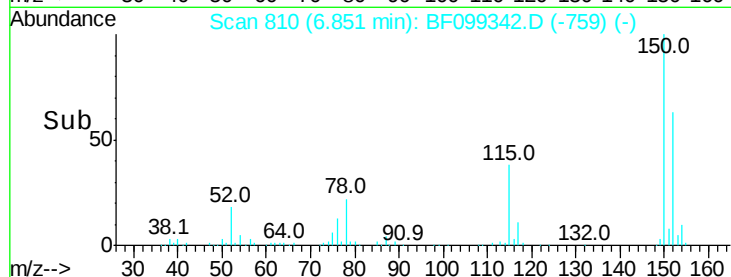
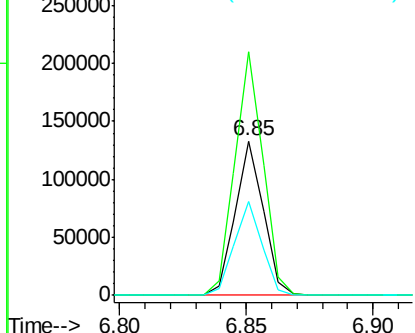
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Instrument :
BNA_F
ClientSampleId :
RS-CONCRETE

Tot Ion:152 Resp: 102319
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.6 50.1 75.1



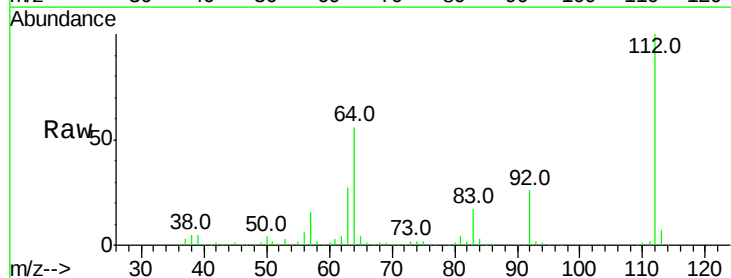
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



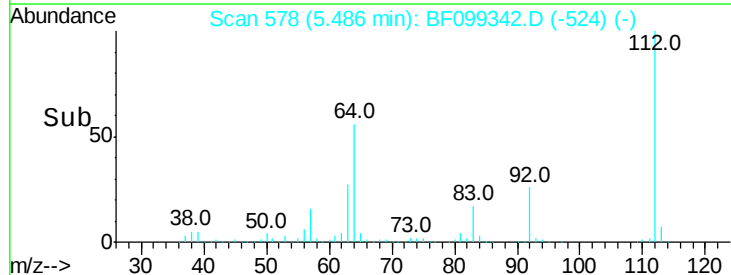
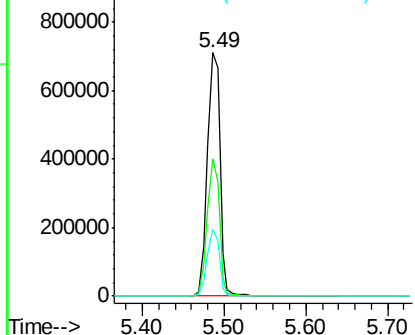
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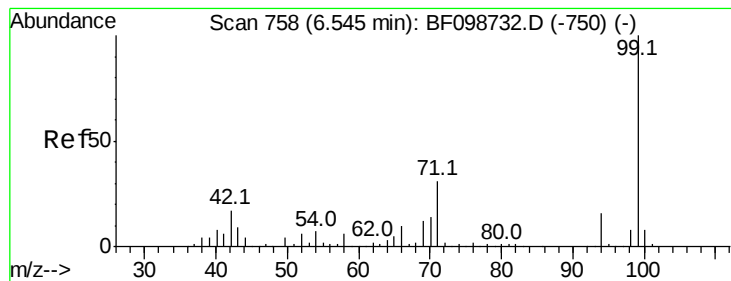
2-Fluorophenol
Concen: 118.463 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Tgt Ion:112 Resp: 761418
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.724 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Instrument :

BNA_F

ClientSampleId :

RS-CONCRETE

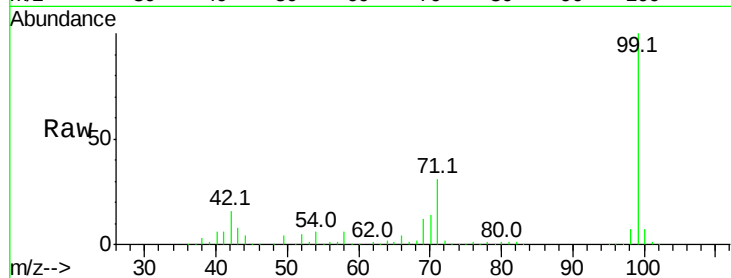
Tot Ion: 99 Resp: 782782

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

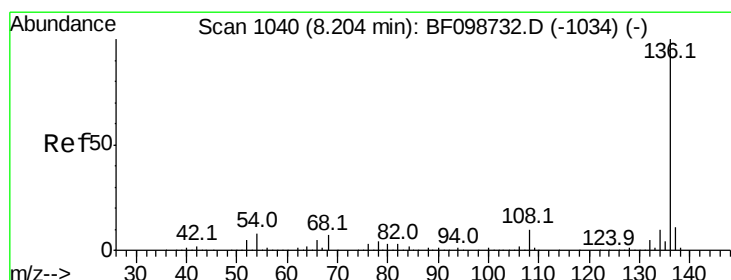
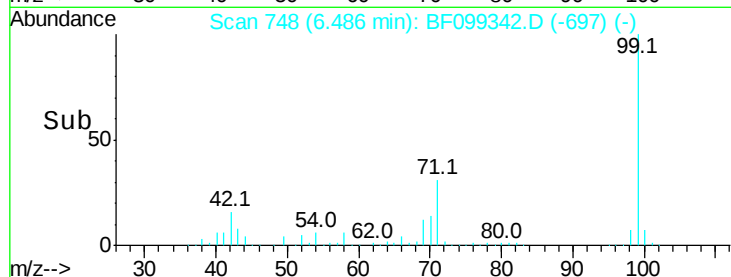
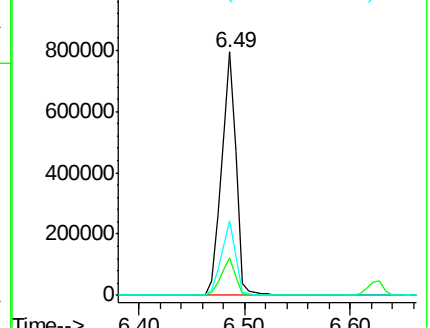
71 30.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Tgt Ion: 136 Resp: 430982

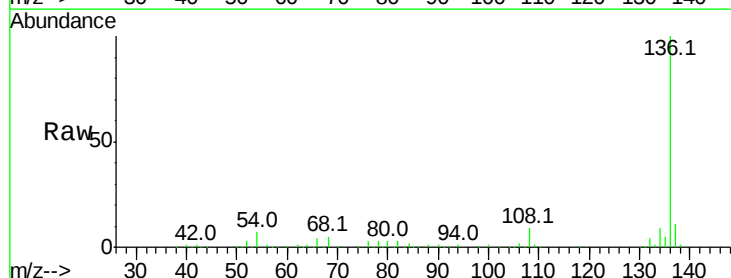
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.7 6.6 9.8

68 5.4 5.0 7.4

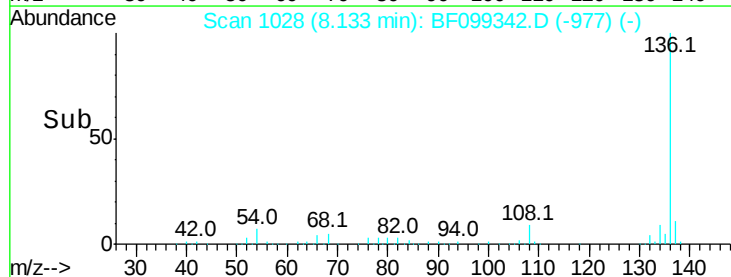
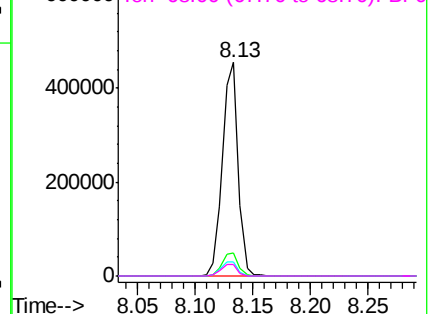


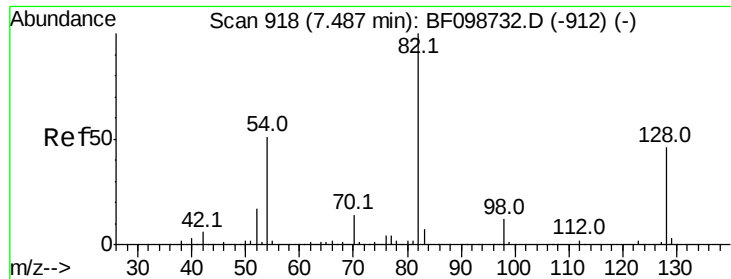
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

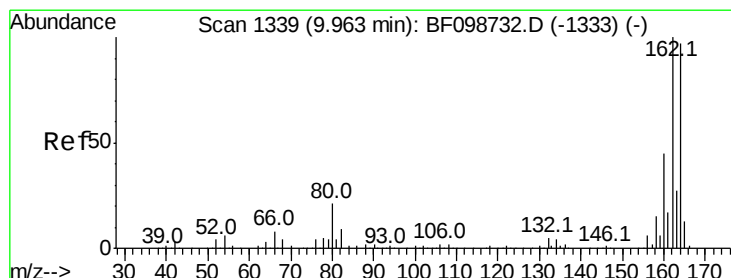
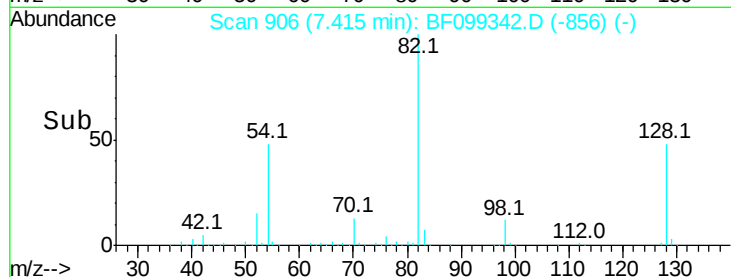
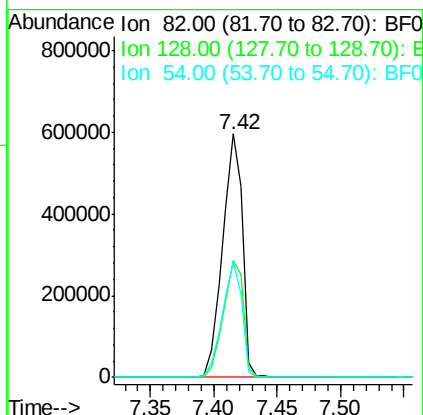
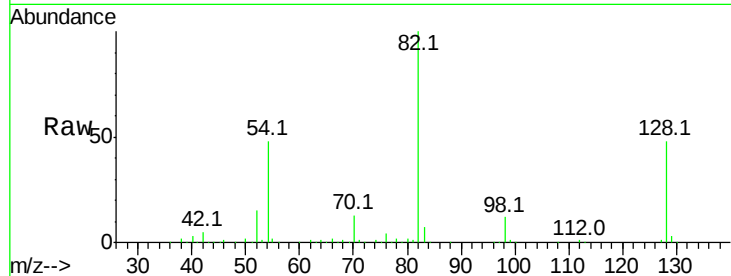




#23
 Nitrobenzene-d5
 Concen: 96.099 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

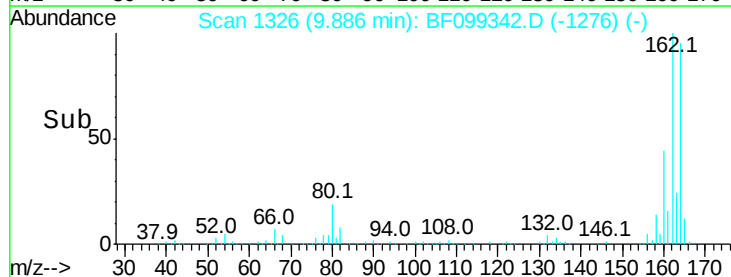
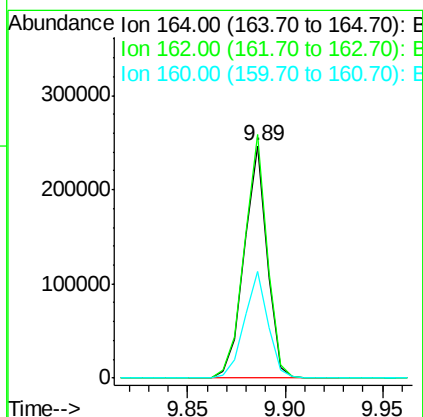
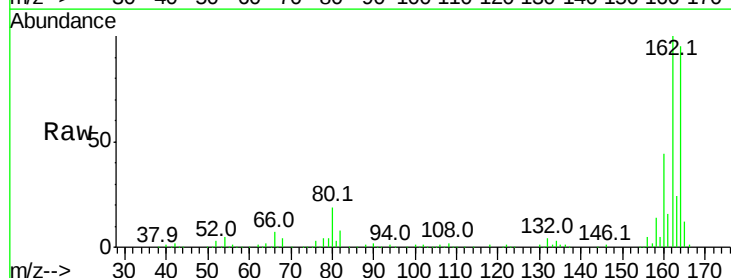
Instrument :
 BNA_F
 ClientSampleId :
 RS-CONCRETE

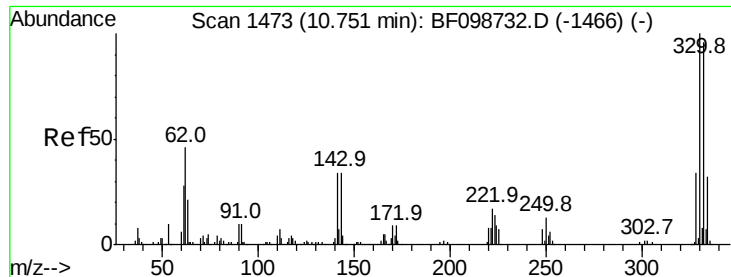
Tot Ion: 82 Resp: 645829
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 47.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Tgt Ion:164 Resp: 200495
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.8 38.3 57.5

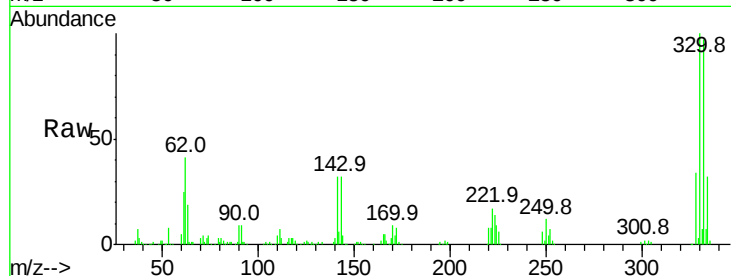




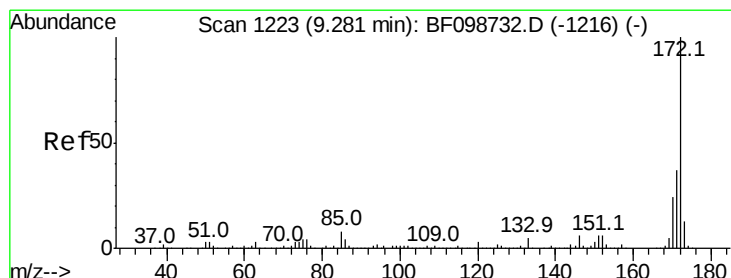
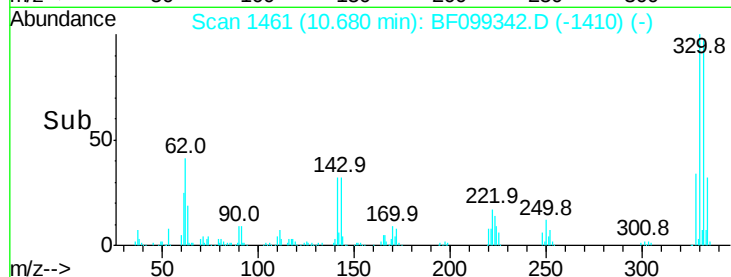
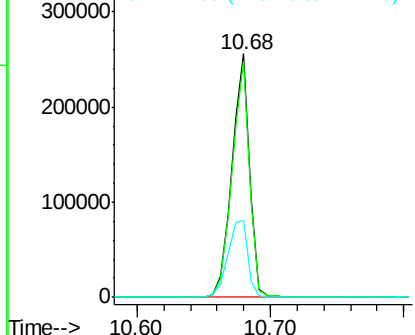
#41
 2,4,6-Tribromophenol
 Concen: 145.436 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :
 RS-CONCRETE

Tot Ion:330 Resp: 238602
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 36.2 29.9 44.9

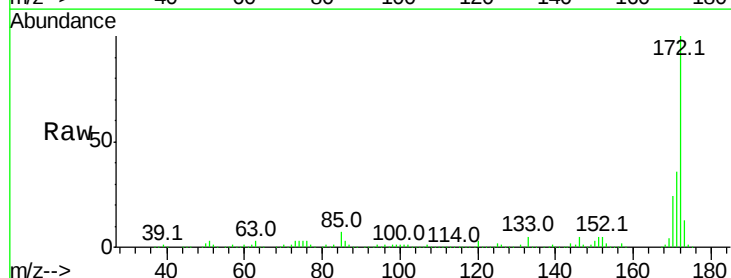


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

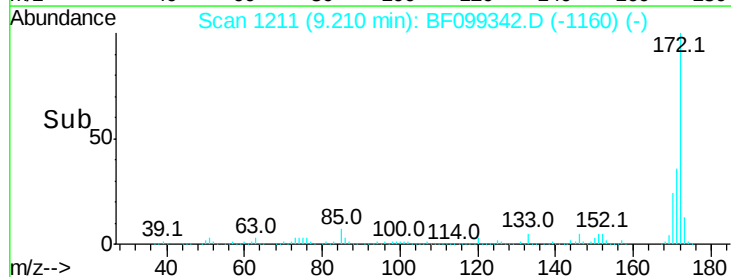
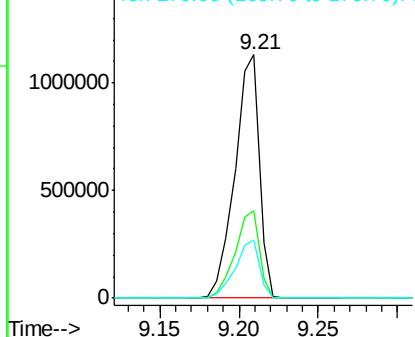


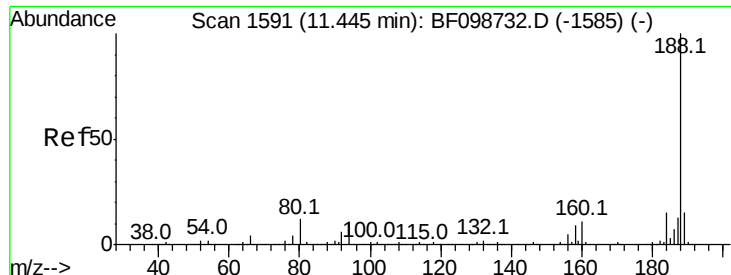
#44
 2-Fluorobiphenyl
 Concen: 100.782 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Tgt Ion:172 Resp: 1210385
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.6 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: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Instrument :

BNA_F

ClientSampleId :

RS-CONCRETE

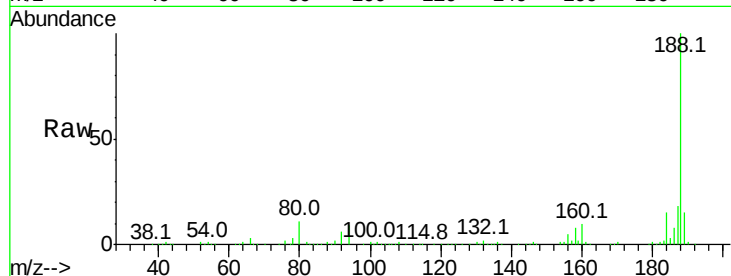
Tot Ion:188 Resp: 353676

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

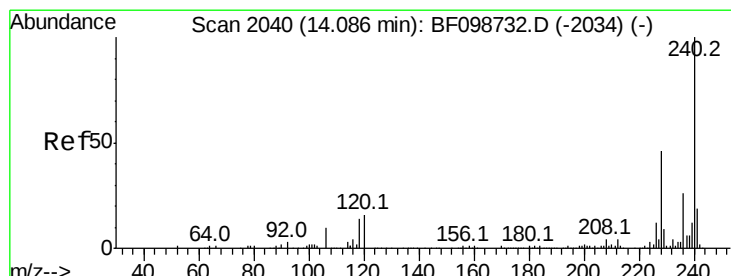
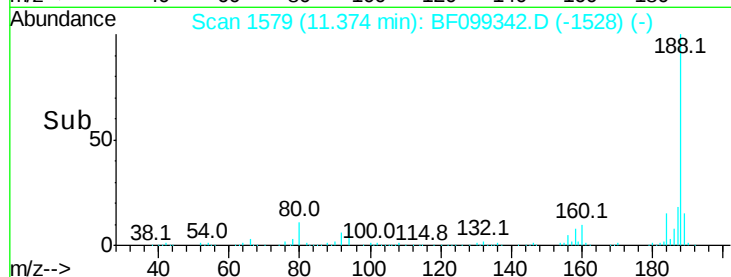
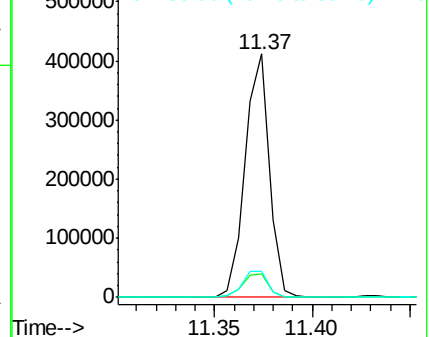
80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

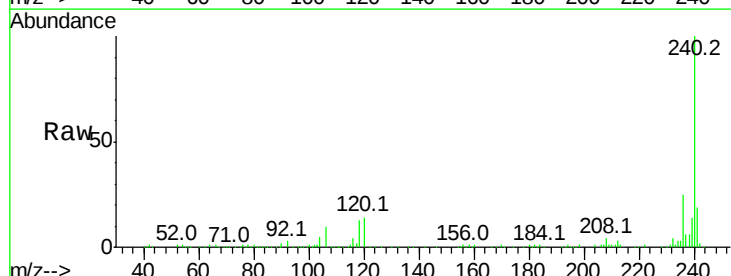
Tgt Ion:240 Resp: 206669

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

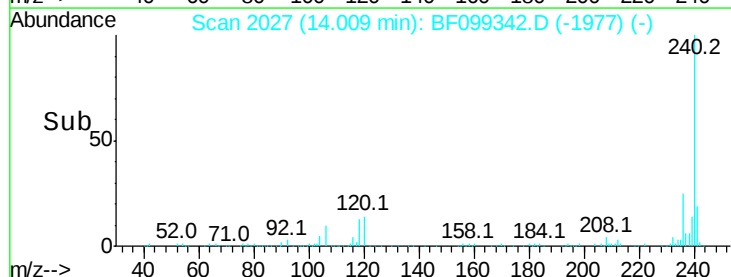
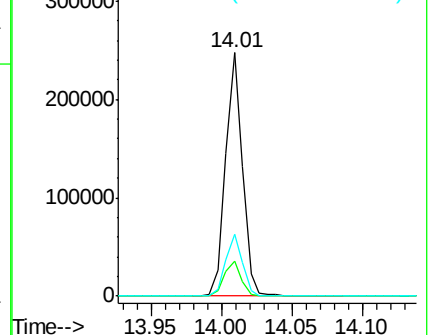
236 25.4 20.7 31.1

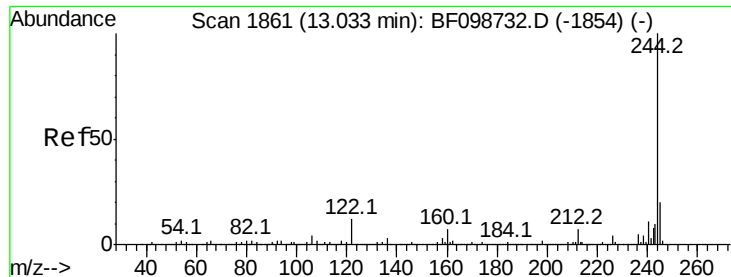


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.117 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Instrument :

BNA_F

ClientSampleId :

RS-CONCRETE

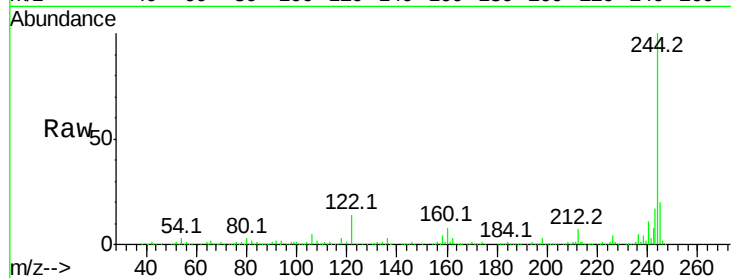
Tot Ion:244 Resp: 1027957

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

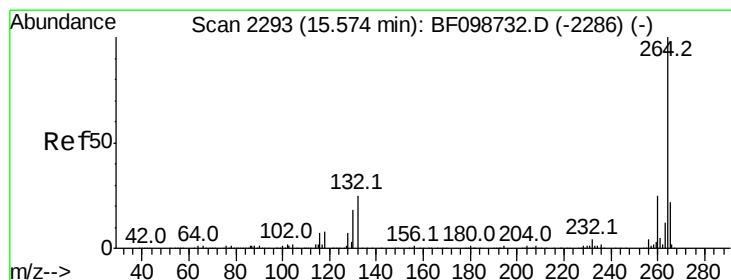
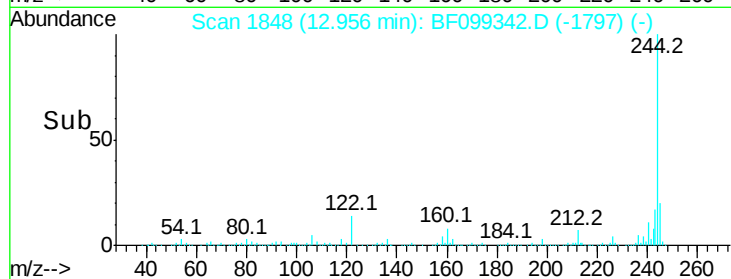
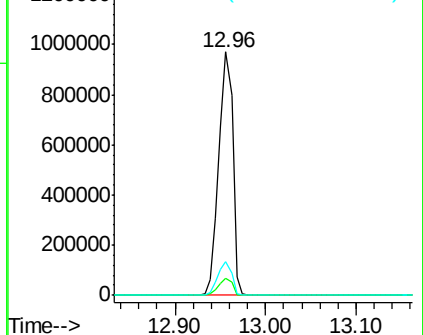
122 13.9 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

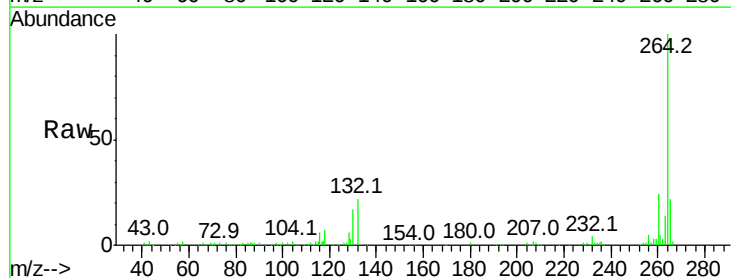
Tgt Ion:264 Resp: 176024

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 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

