

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094638.D
 Acq On : 26 Apr 2017 7:19
 Operator : SJ/MA
 Sample : I2824-06 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

Quant Time: Apr 26 07:58:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	106593	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	423873	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	170535	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	260778	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	237554	20.00	ng	-0.01
86) Perylene-d12	16.08	264	165288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	54825	8.53	ng	0.00
7) Phenol-d6	5.37	99	69361	9.16	ng	-0.02
23) Nitrobenzene-d5	6.40	82	38707	5.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	9099	6.82	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	78390	6.76	ng	-0.02
78) Terphenyl-d14	13.18	244	53231	5.99	ng	-0.02

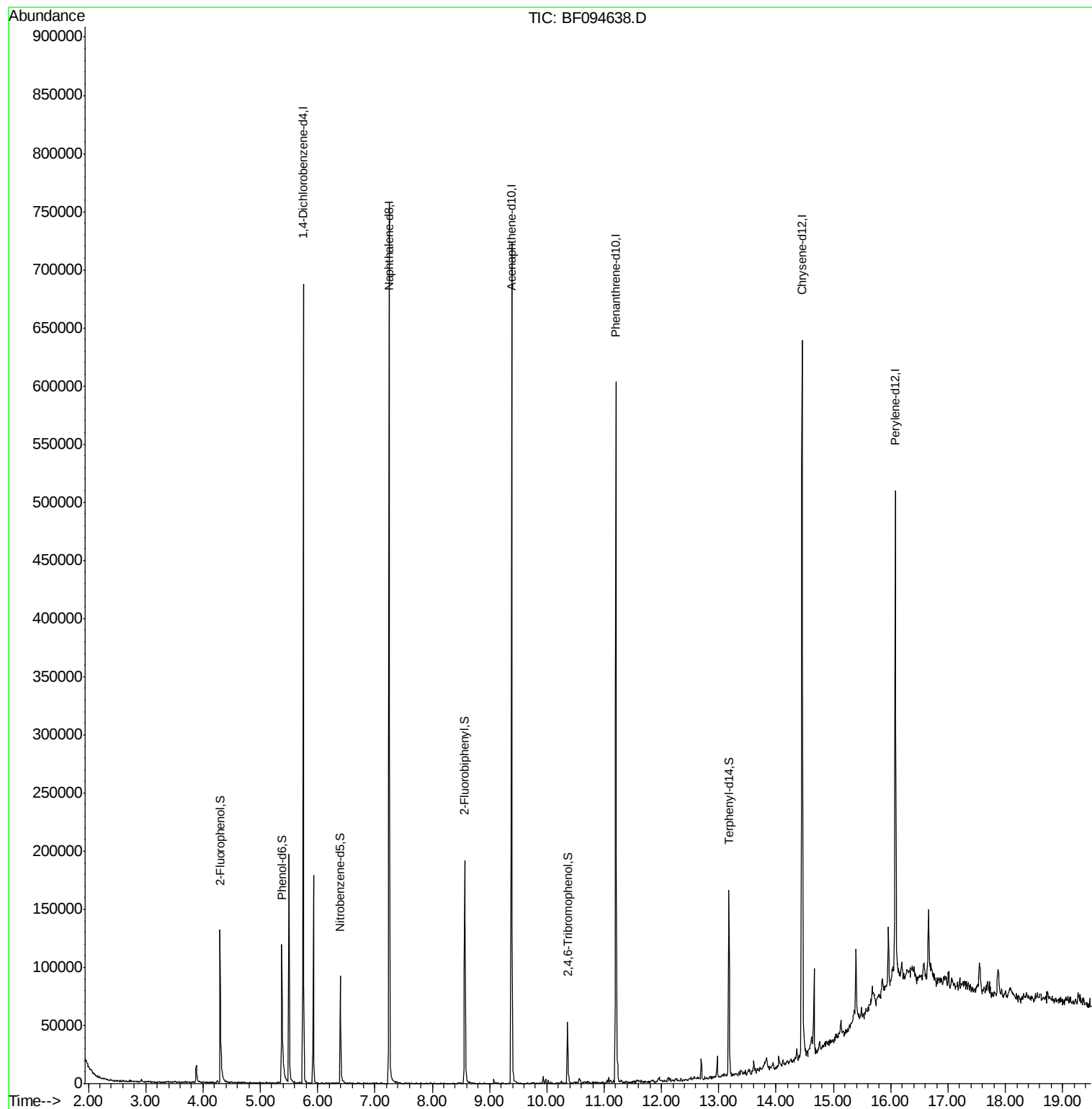
Target Compounds Qvalue

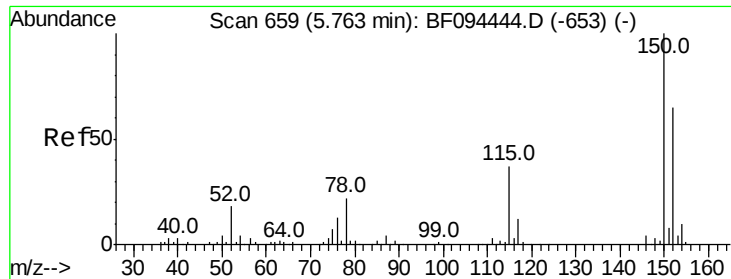
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

Instrument :

BNA_F

ClientSampleId :

E2-W9-ESW

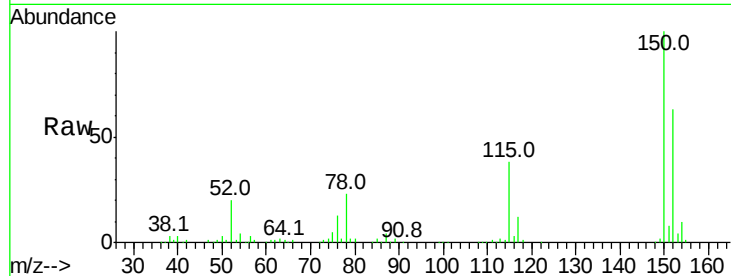
Tot Ion:152 Resp: 106593

Ion Ratio Lower Upper

152 100

150 159.1 126.2 189.2

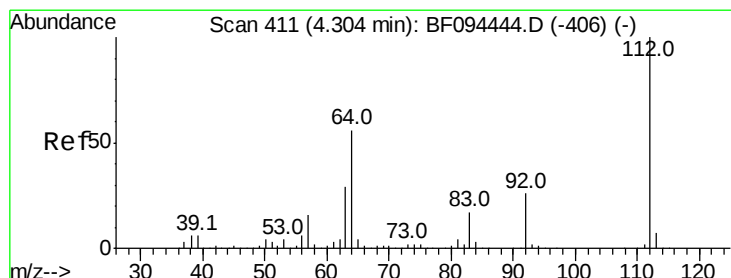
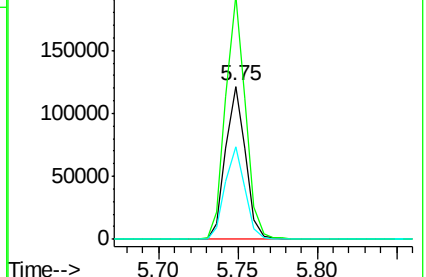
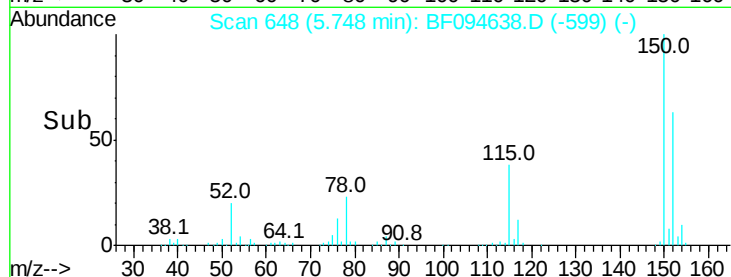
115 60.7 52.2 78.2



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: 8.53 ng

RT: 4.30 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

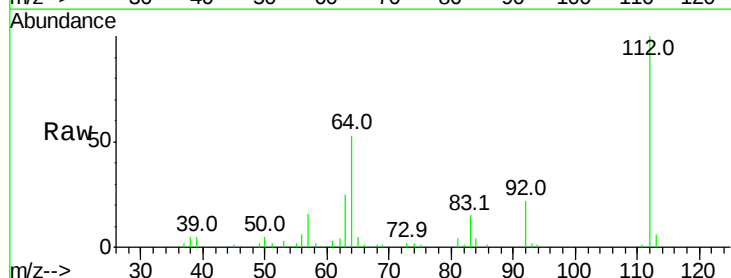
Tgt Ion:112 Resp: 54825

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

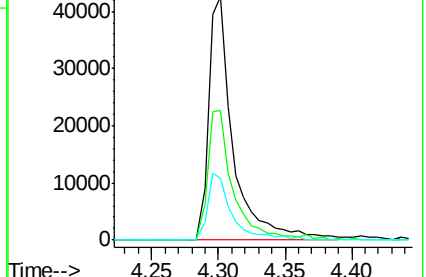
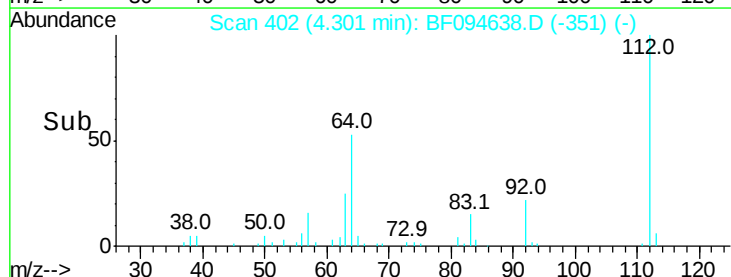
63 25.5 23.4 35.0

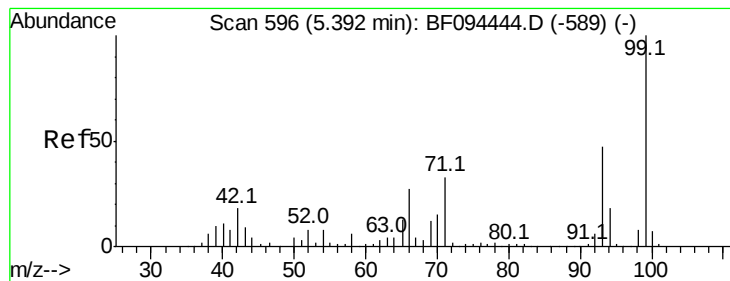


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.16 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

Instrument :

BNA_F

ClientSampleId :

E2-W9-ESW

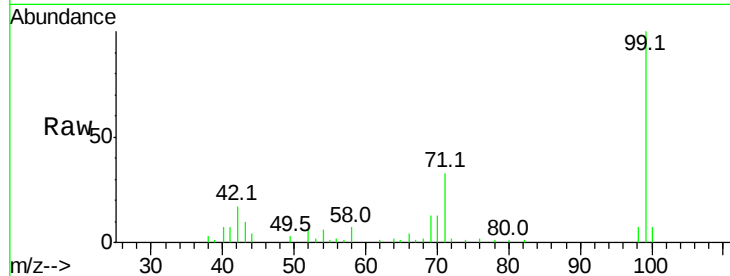
Tot Ion: 99 Resp: 69361

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

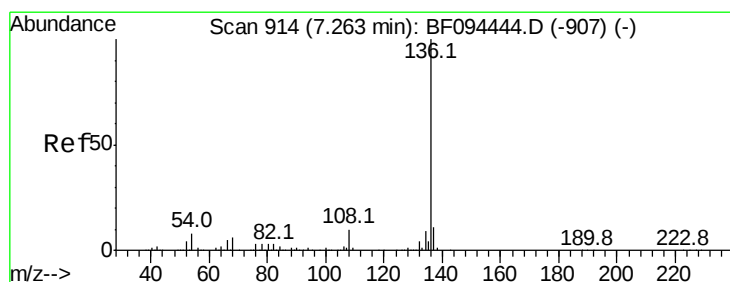
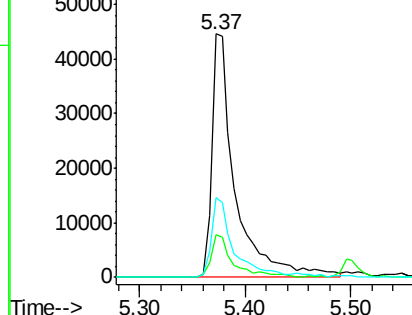
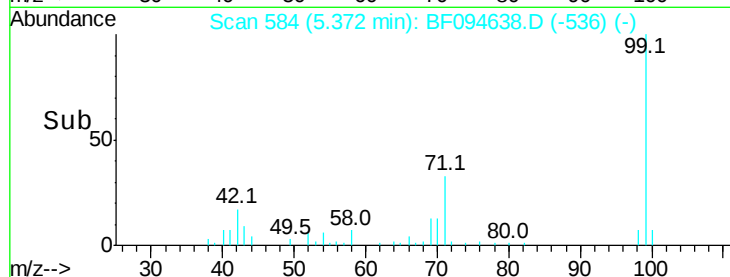
71 33.0 24.5 36.7



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: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

Tgt Ion: 136 Resp: 423873

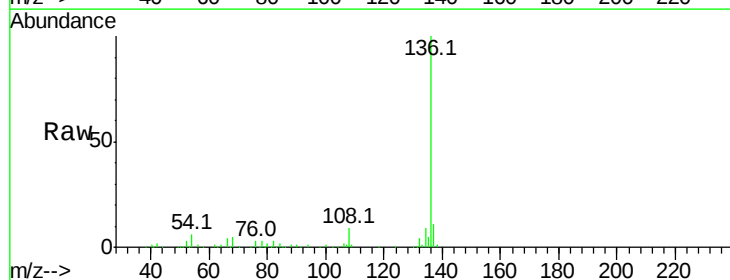
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

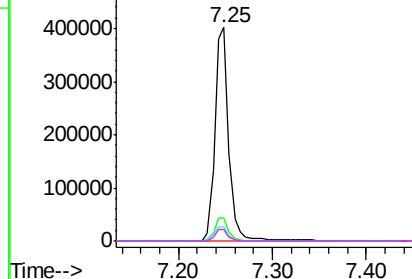
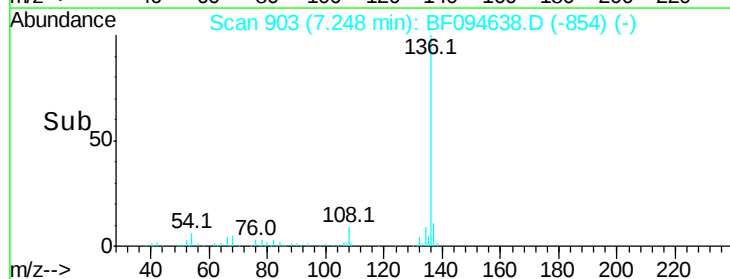


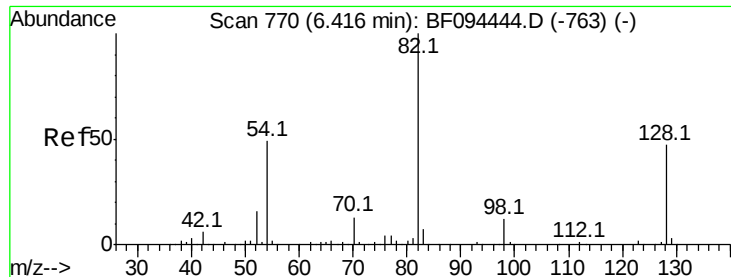
Abundance Ion 136.00 (135.70 to 136.70): E

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

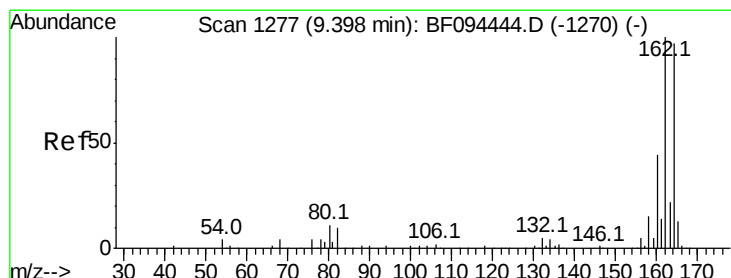
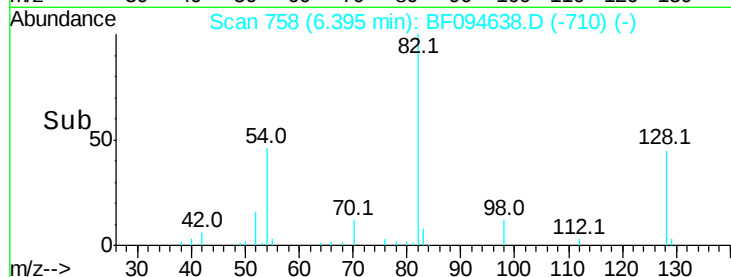
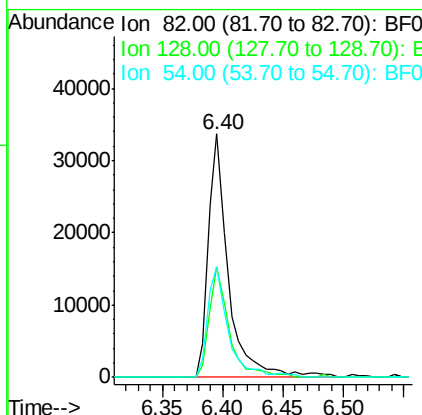
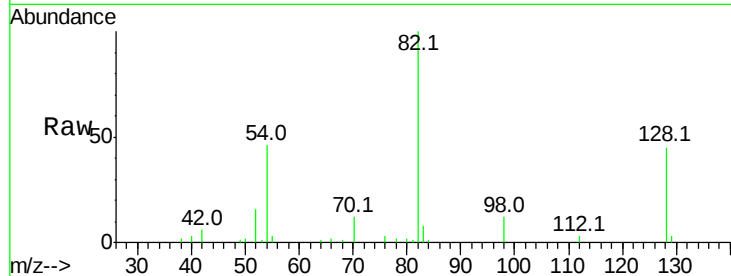




#23
 Nitrobenzene-d5
 Concen: 5.64 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

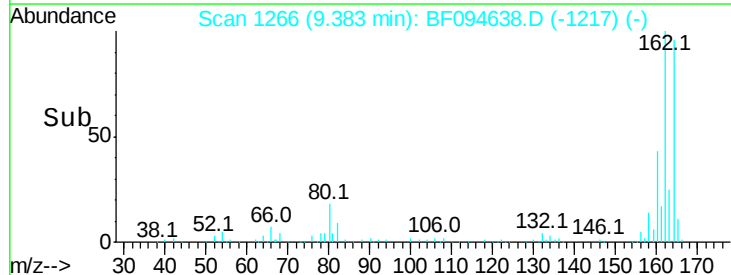
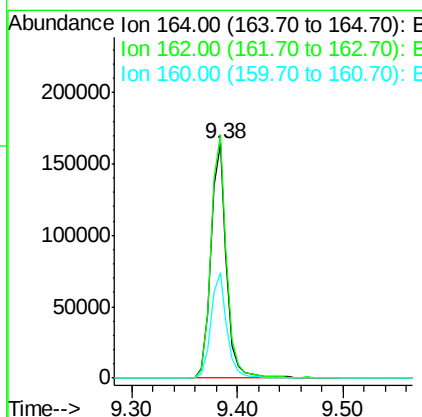
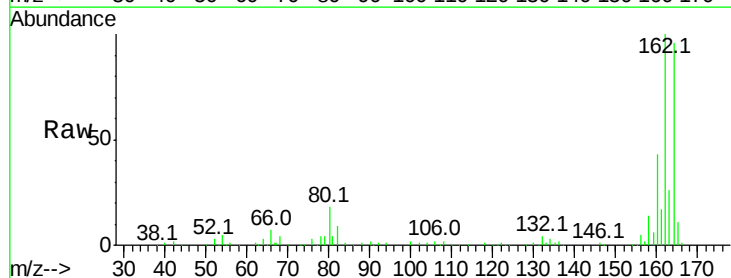
Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

Tot Ion	82	Resp	38707
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.0	51.0
54	45.5	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion	164	Resp	170535
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.6	123.8
160	45.0	36.2	54.2

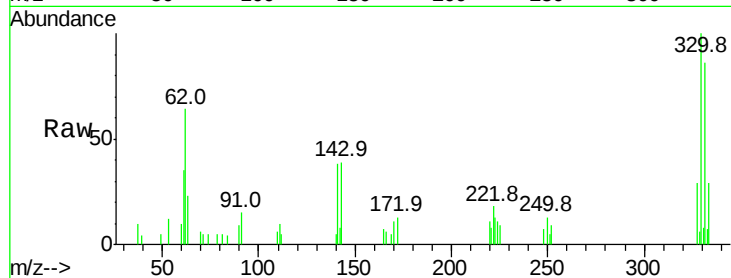




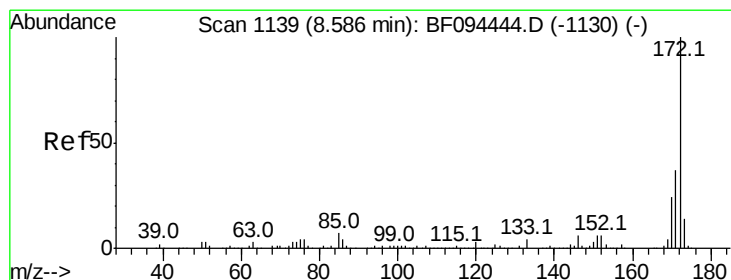
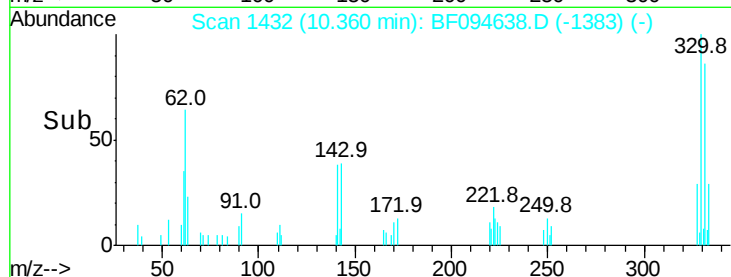
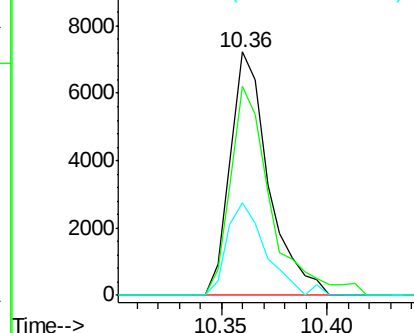
#41
 2,4,6-Tribromophenol
 Concen: 6.82 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

Tot Ion:330 Resp: 9099
 Ion Ratio Lower Upper
 330 100
 332 89.7 76.6 115.0
 141 38.8 31.4 47.2

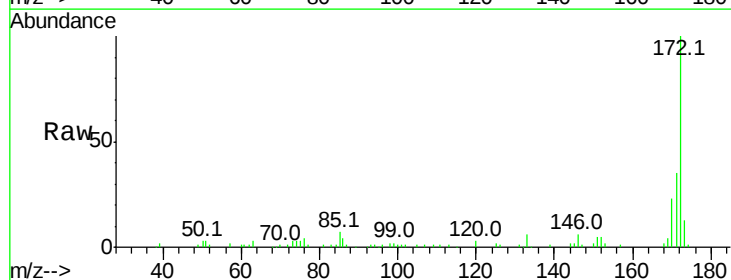


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

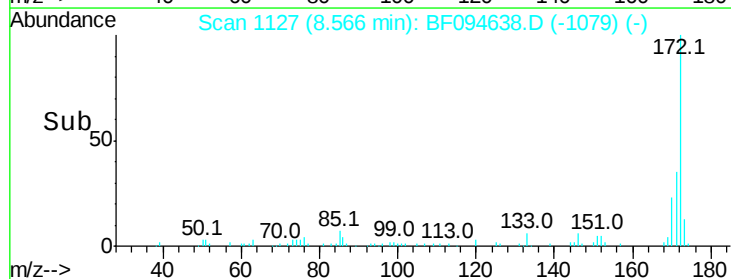
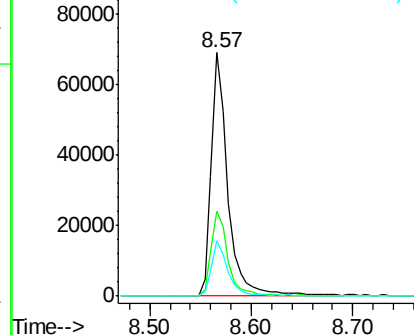


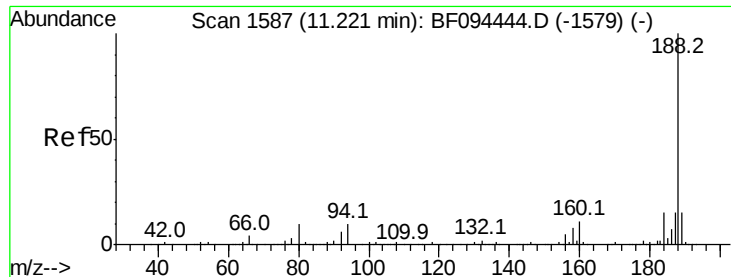
#44
 2-Fluorobiphenyl
 Concen: 6.76 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion:172 Resp: 78390
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.9 19.8 29.8



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

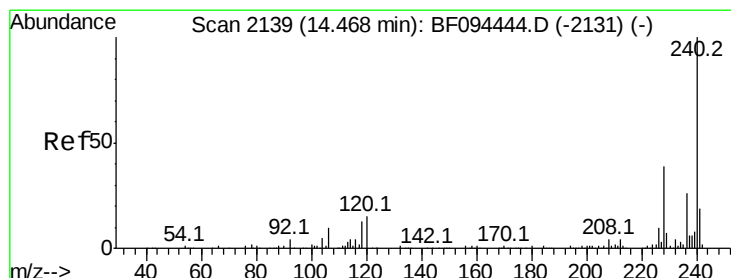
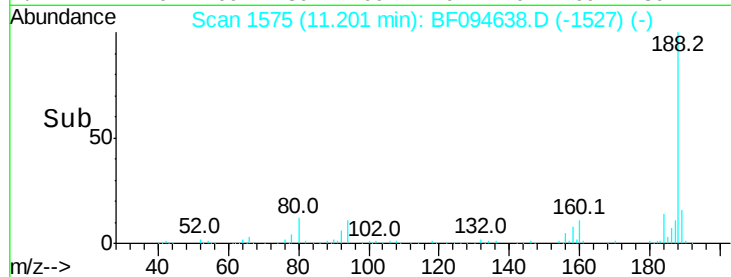
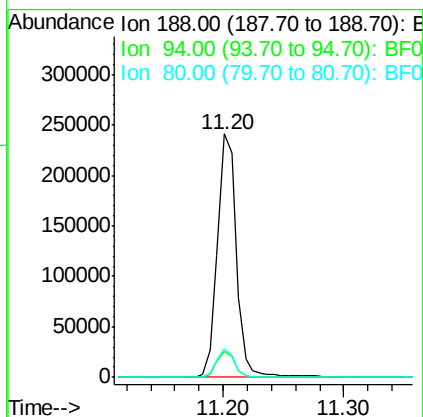
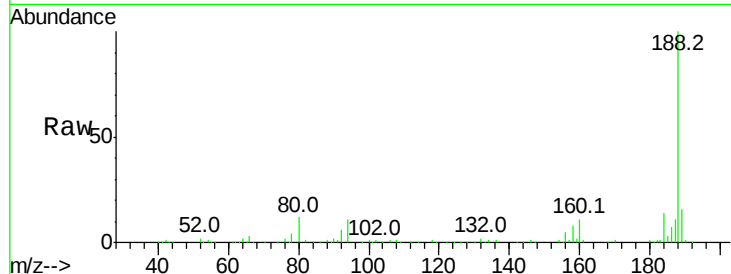




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

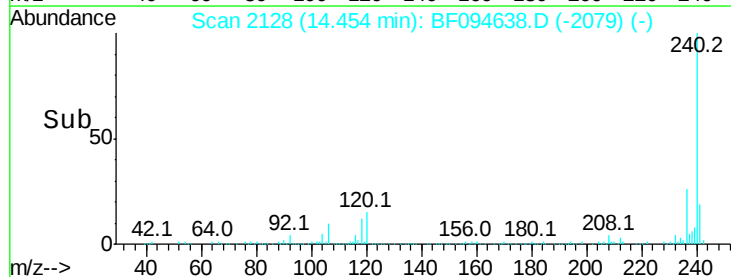
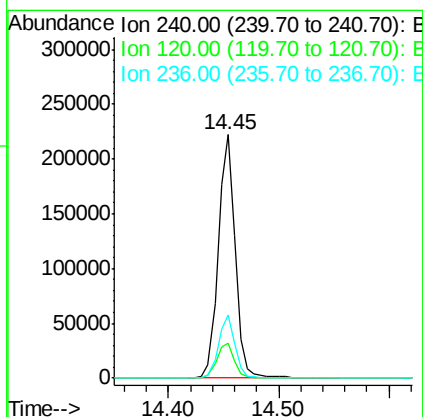
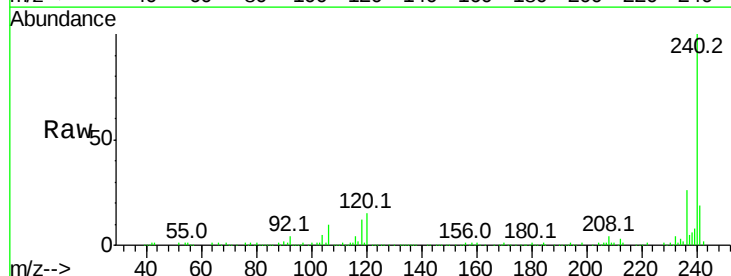
Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

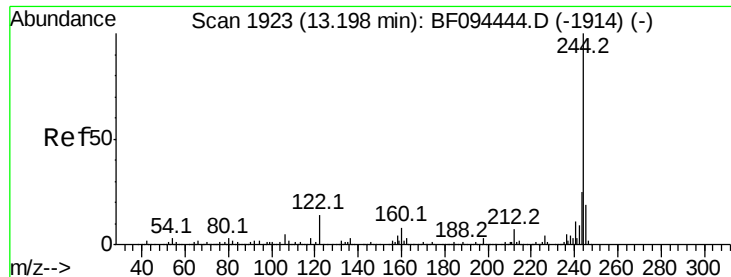
Tot Ion:188 Resp: 260778
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.9 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094638.D
 Acq: 26 Apr 2017 7:19

Tgt Ion:240 Resp: 237554
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.7 20.5 30.7





#78

Terphenyl-d14

Concen: 5.99 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

Instrument :

BNA_F

ClientSampleId :

E2-W9-ESW

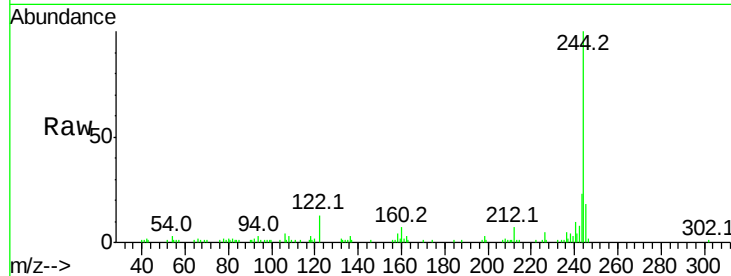
Tot Ion:244 Resp: 53231

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

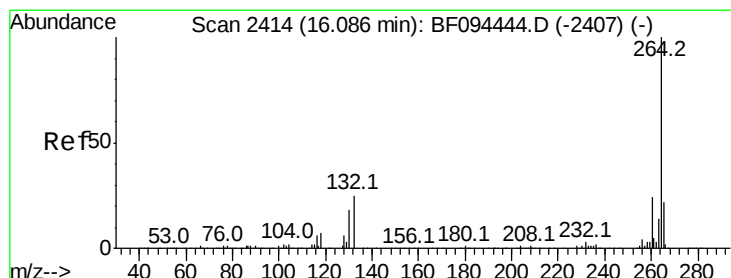
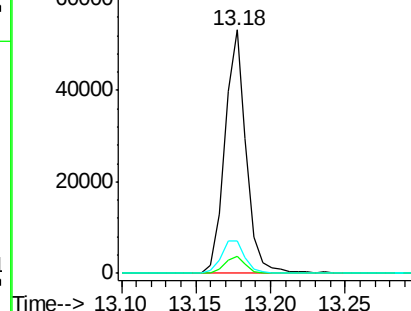
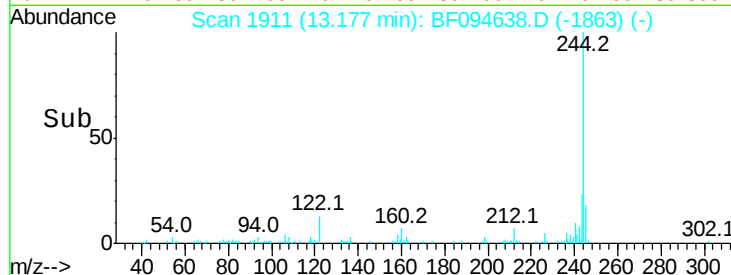
122 13.1 10.3 15.5



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: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094638.D

Acq: 26 Apr 2017 7:19

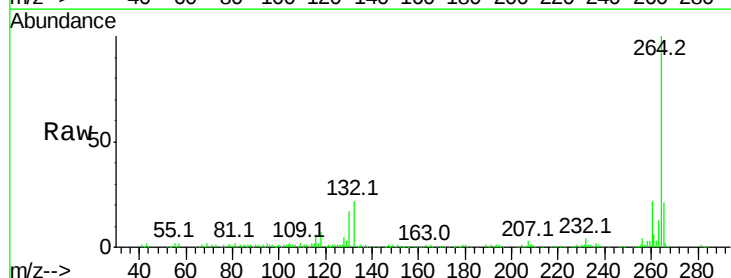
Tgt Ion:264 Resp: 165288

Ion Ratio Lower Upper

264 100

260 21.9 19.5 29.3

265 20.7 17.2 25.8



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

