

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093996.D
 Acq On : 28 Mar 2017 16:54
 Operator : SJ/MA
 Sample : I2362-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0667RE

Quant Time: Mar 29 03:29:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

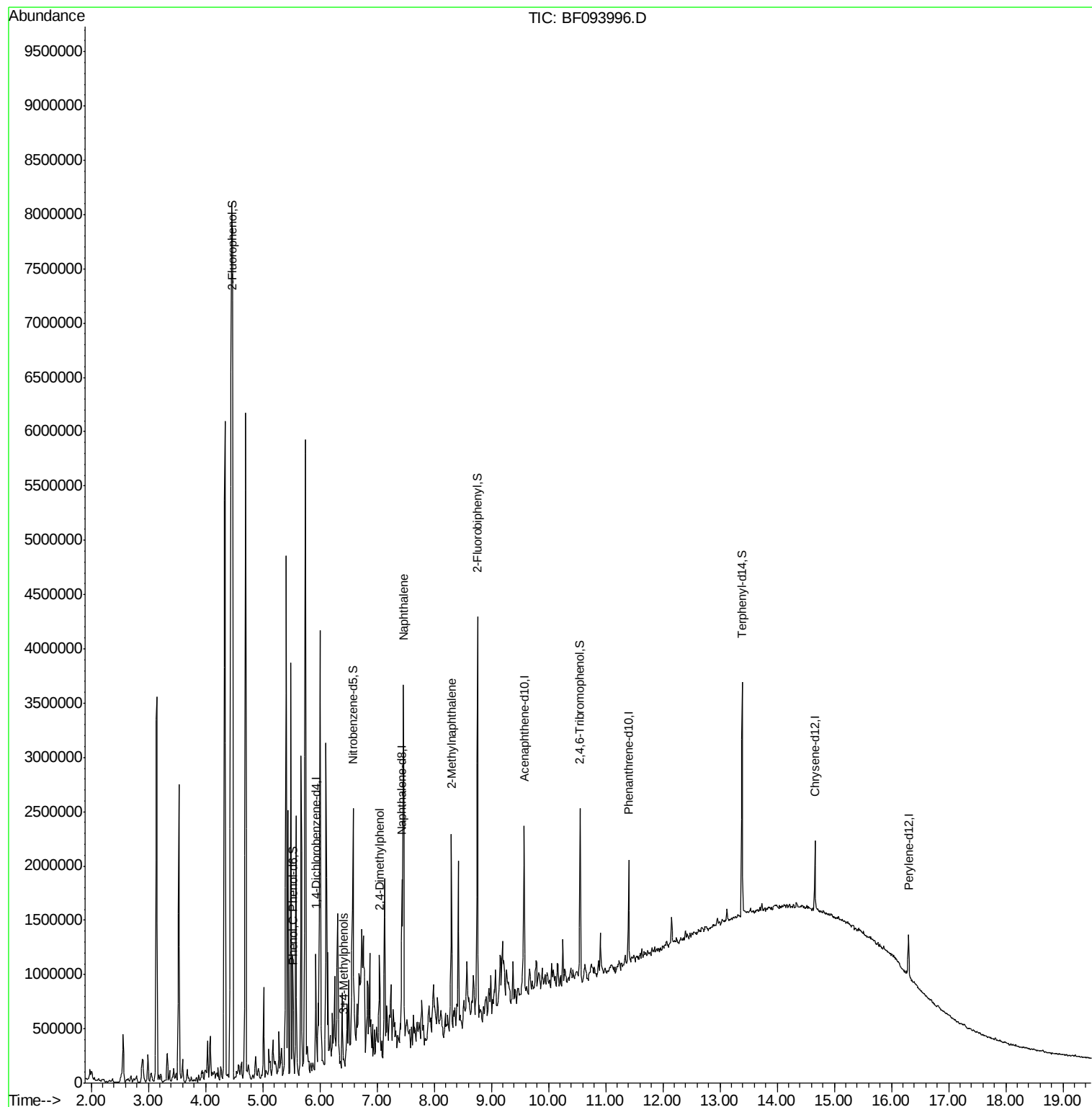
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165927	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	629916	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	246637	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	411879	20.00	ng	-0.02
75) Chrysene-d12	14.66	240	278335	20.00	ng	-0.02
86) Perylene-d12	16.30	264	152568	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	226068	23.01	ng	-0.01
7) Phenol-d6	5.53	99	386767	31.82	ng	-0.02
23) Nitrobenzene-d5	6.58	82	877846	79.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	264376	135.65	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1512394	93.53	ng	-0.02
78) Terphenyl-d14	13.39	244	943545	75.99	ng	-0.02
Target Compounds						
10) Phenol	5.54	94	34178	2.47	ng	Qvalue 88
20) 3+4-Methylphenols	6.42	107	29572	2.64	ng	# 62
27) 2,4-Dimethylphenol	7.05	122	121559	13.59	ng	97
31) Naphthalene	7.46	128	1670240	55.14	ng	100
37) 2-Methylnaphthalene	8.30	142	570495	28.26	ng	98

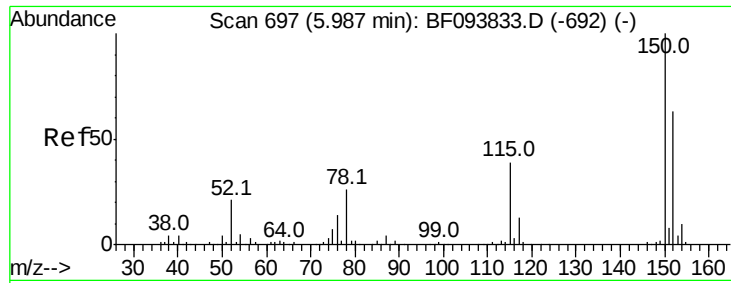
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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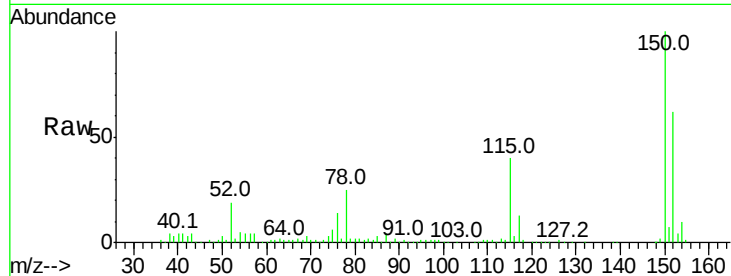


#1

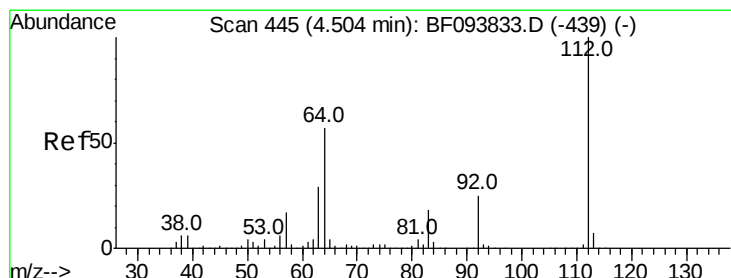
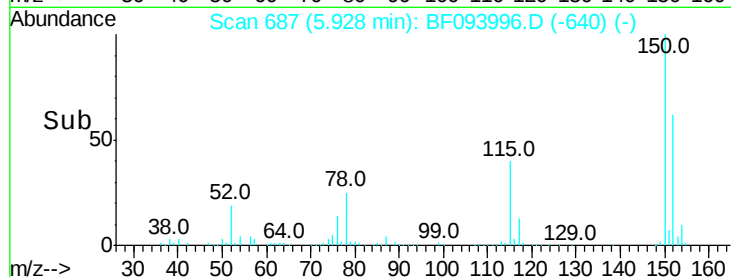
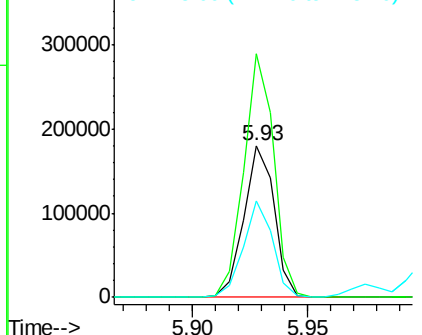
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093996.D
Acq: 28 Mar 2017 16:54

Instrument :
BNA_F
ClientSampleId :
S8-0667RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	63.7	52.2	78.2



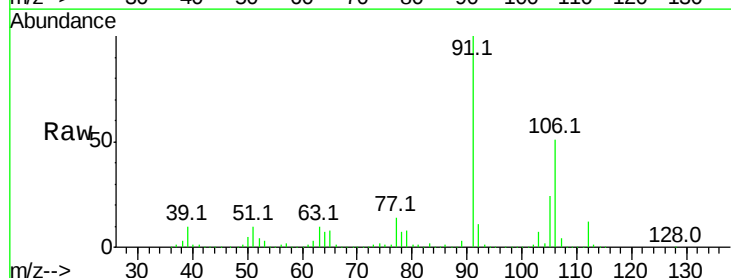
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



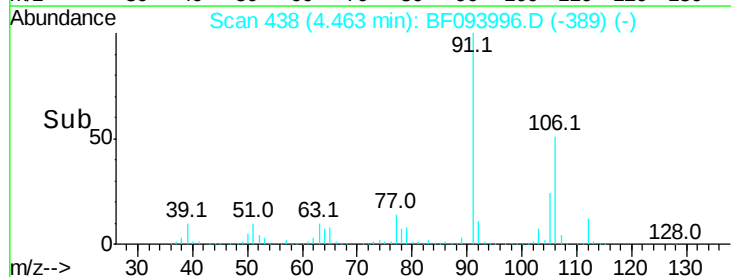
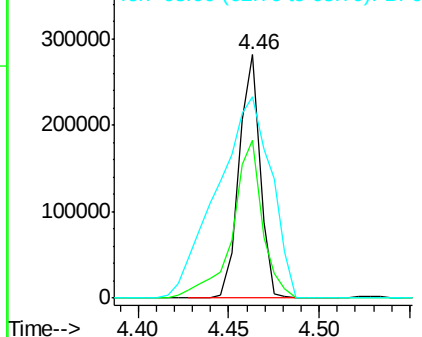
#5

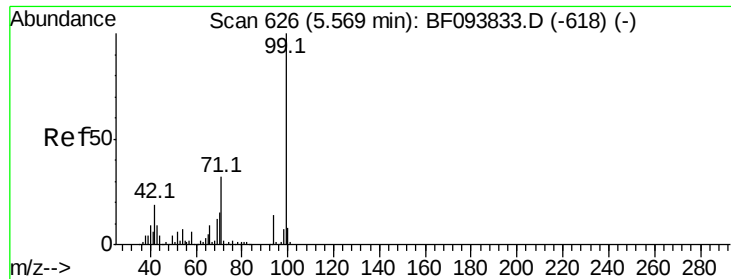
2-Fluorophenol
Concen: 23.01 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093996.D
Acq: 28 Mar 2017 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	82.8	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: 31.82 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

Instrument :

BNA_F

ClientSampleId :

S8-0667RE

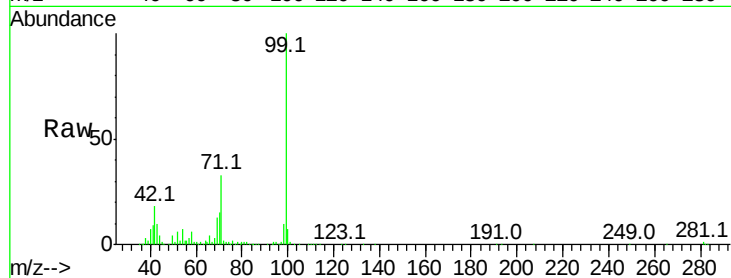
Tot Ion: 99 Resp: 386767

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

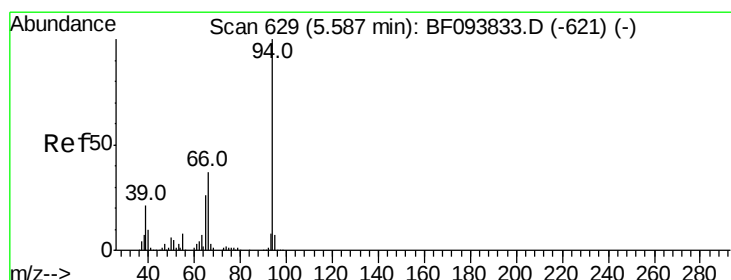
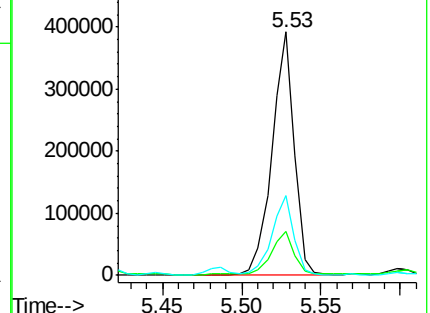
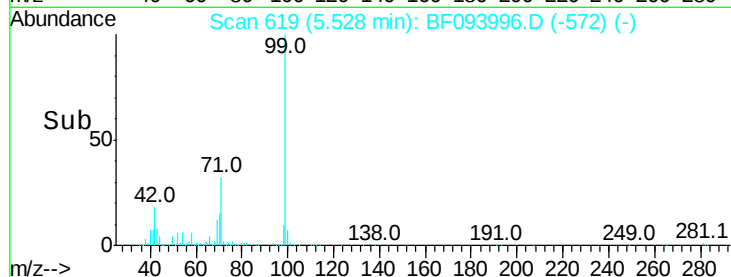
71 32.5 24.5 36.7



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



#10

Phenol

Concen: 2.47 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

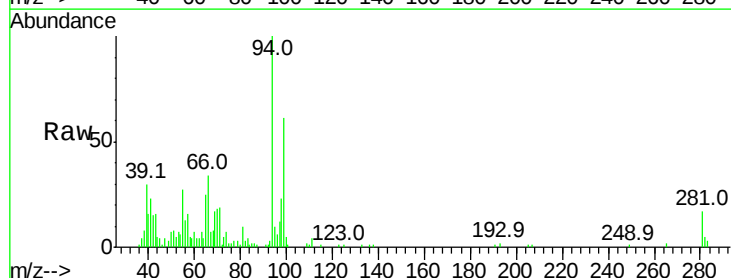
Tgt Ion: 94 Resp: 34178

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

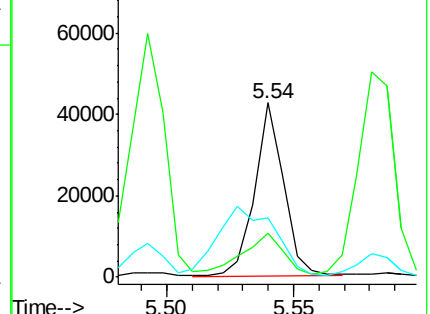
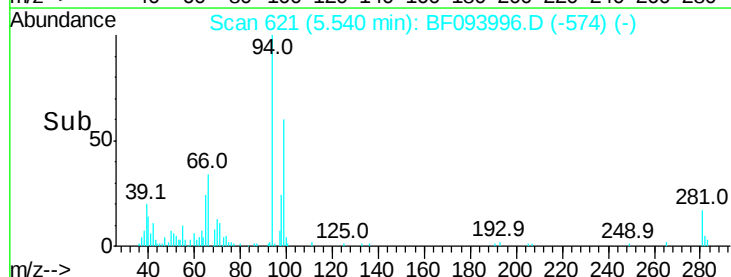
66 34.4 23.1 63.1

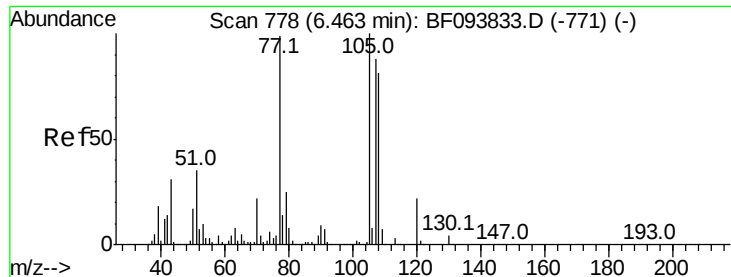


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 2.64 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

Instrument :

BNA_F

ClientSampleId :

S8-0667RE

Tot Ion:107 Resp: 29572

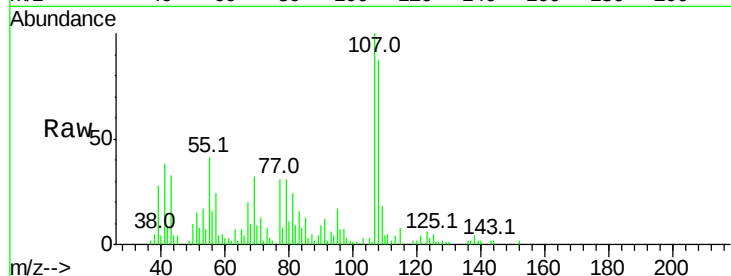
Ion Ratio Lower Upper

107 100

108 86.5 71.0 111.0

77 31.3 90.5 130.5#

79 31.2 8.4 48.4

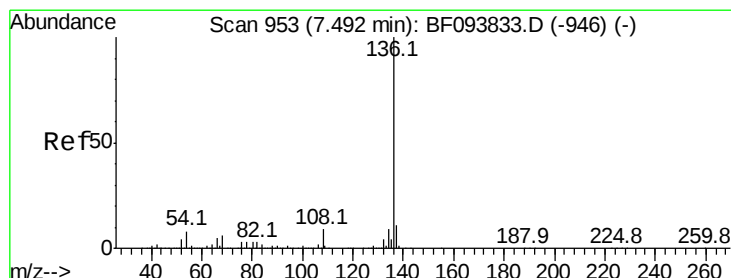
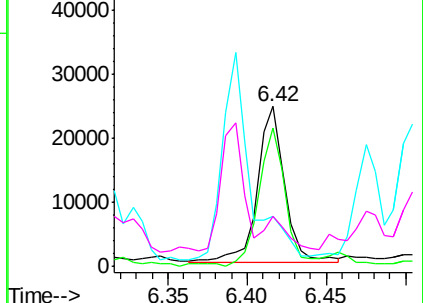
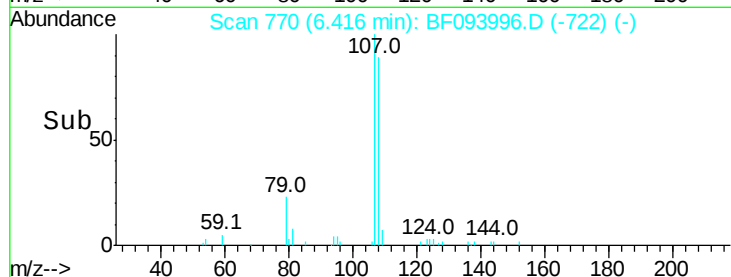


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

Tgt Ion:136 Resp: 629916

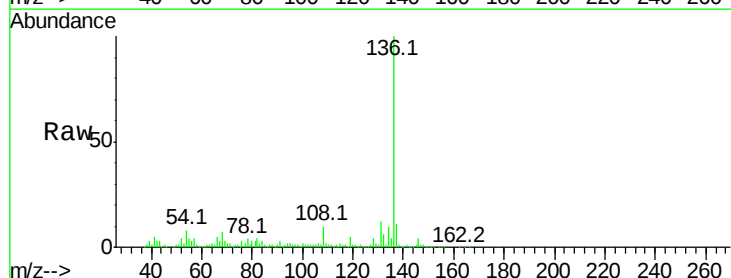
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.3 4.9 7.3#

68 6.5 4.1 6.1#

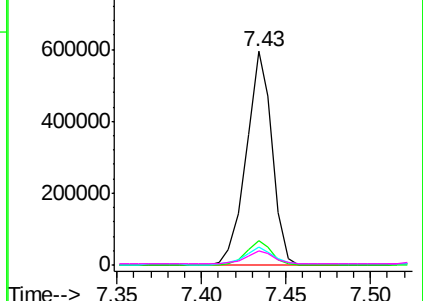
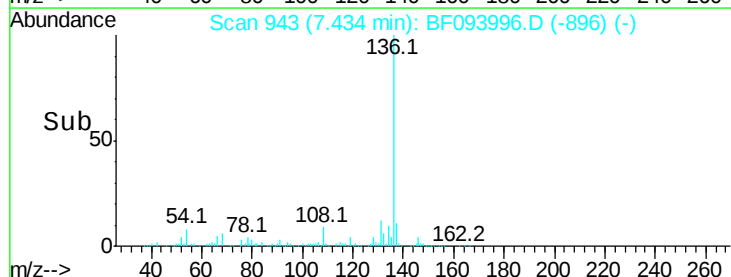


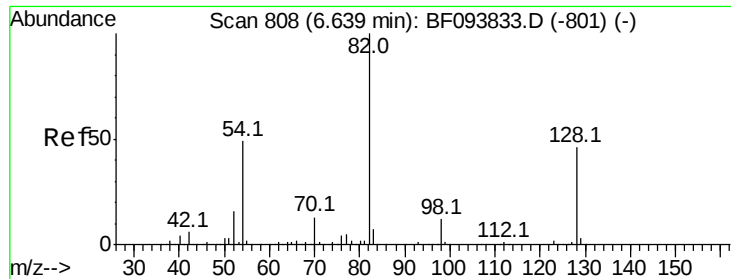
Abundance Ion 136.00 (135.70 to 136.70): E

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

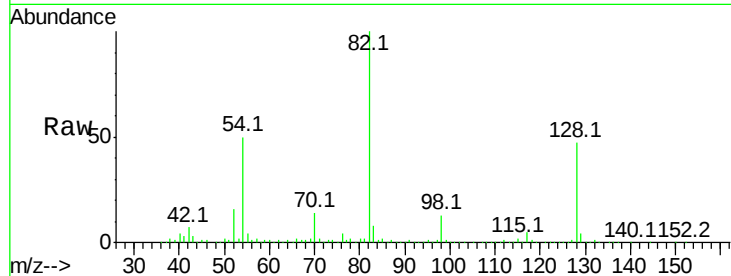




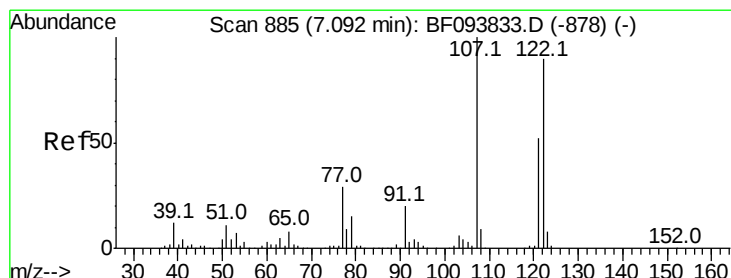
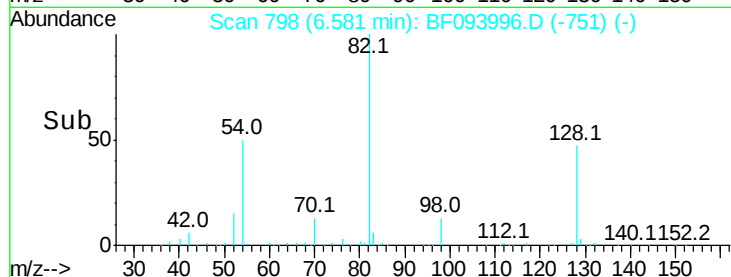
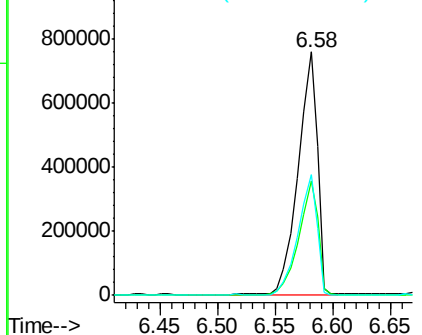
#23
Nitrobenzene-d5
Concen: 79.53 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF093996.D
Acq: 28 Mar 2017 16:54

Instrument :
BNA_F
ClientSampled :
S8-0667RE

Tot Ion: 82 Resp: 877846
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 49.8 42.2 63.2

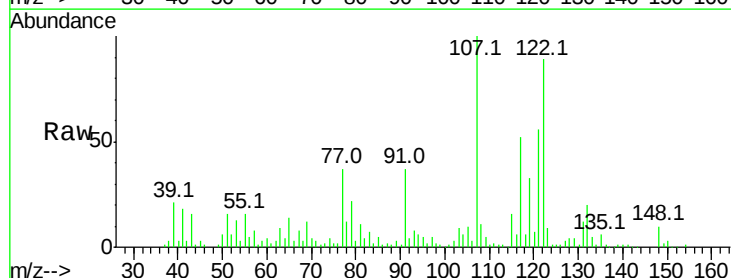


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

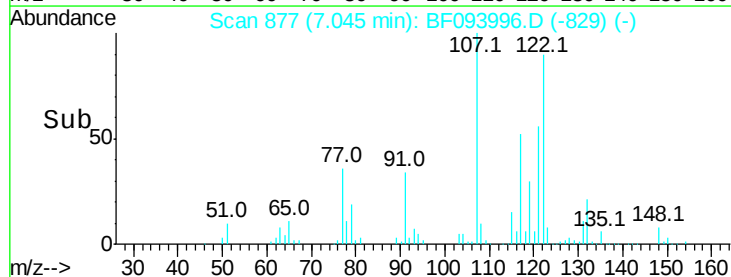
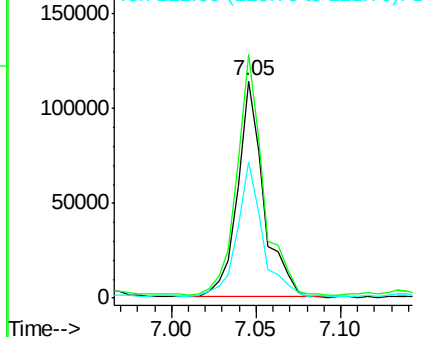


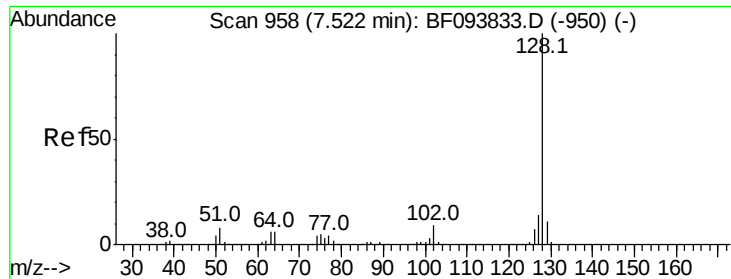
#27
2,4-Dimethylphenol
Concen: 13.59 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF093996.D
Acq: 28 Mar 2017 16:54

Tgt Ion:122 Resp: 121559
Ion Ratio Lower Upper
122 100
107 112.1 89.2 133.8
121 62.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

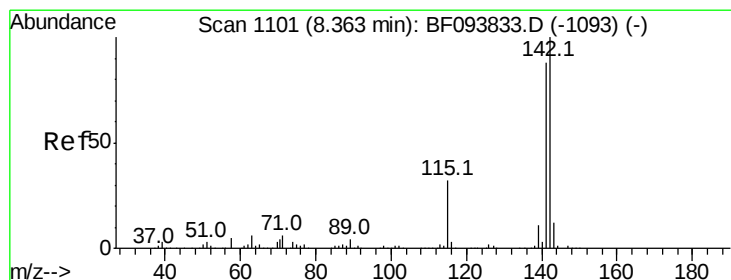
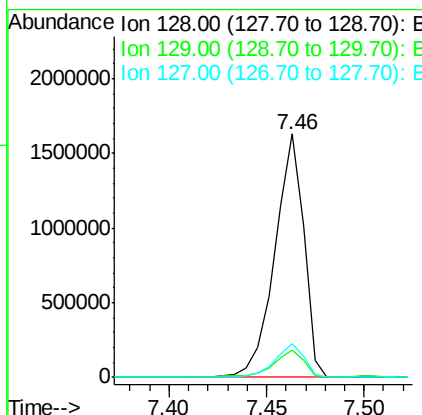
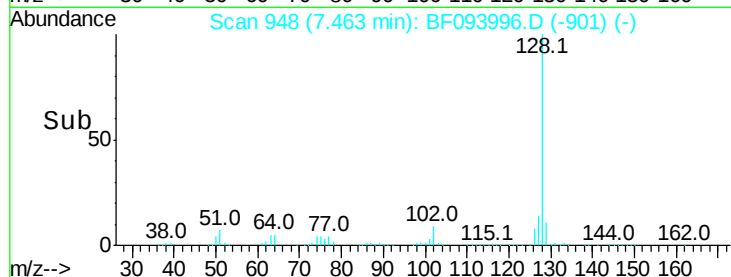
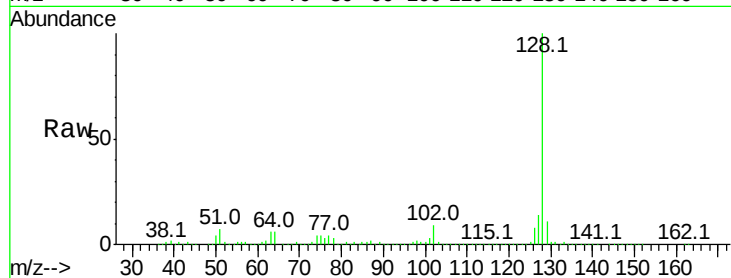




#31
Naphthalene
Concen: 55.14 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF093996.D
Acq: 28 Mar 2017 16:54

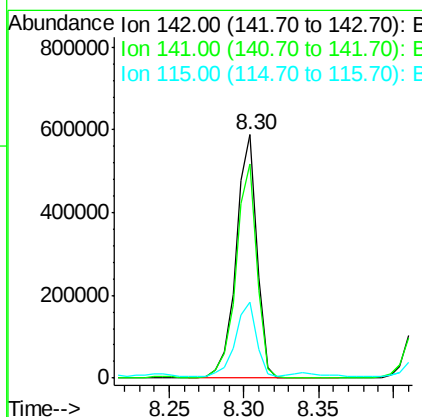
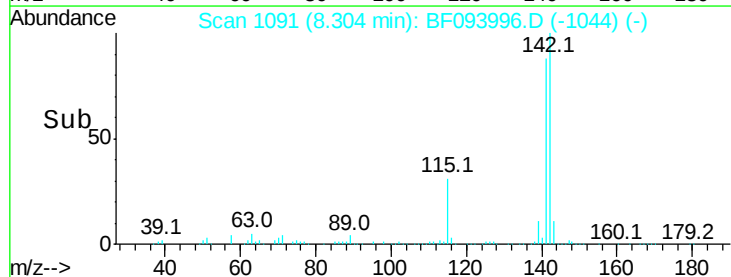
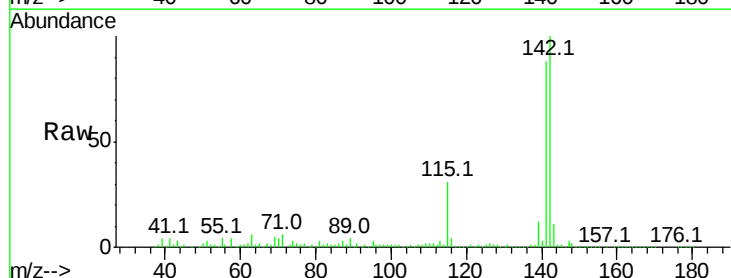
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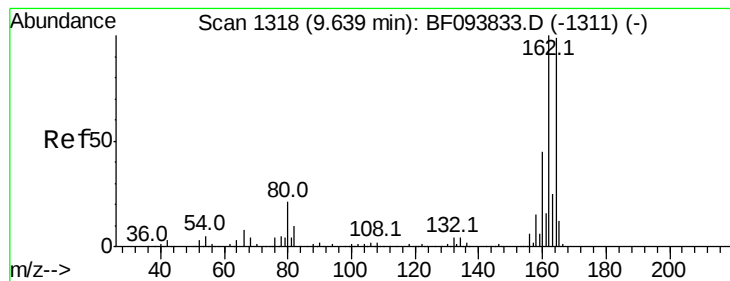
Tot Ion:128 Resp: 1670240
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 10.8 16.2



#37
2-Methylnaphthalene
Concen: 28.26 ng
RT: 8.30 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF093996.D
Acq: 28 Mar 2017 16:54

Tgt Ion:142 Resp: 570495
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9
115 31.1 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

Instrument :

BNA_F

ClientSampleId :

S8-0667RE

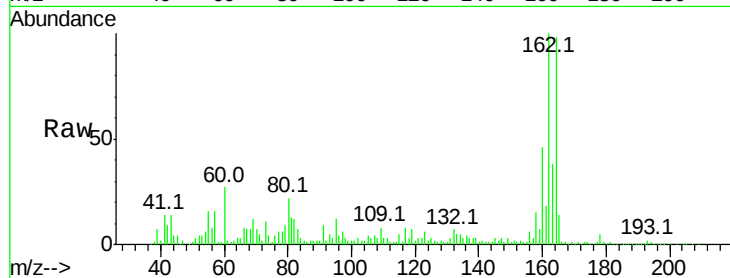
Tot Ion:164 Resp: 246637

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

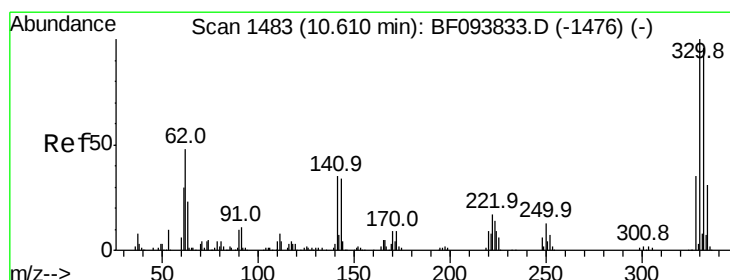
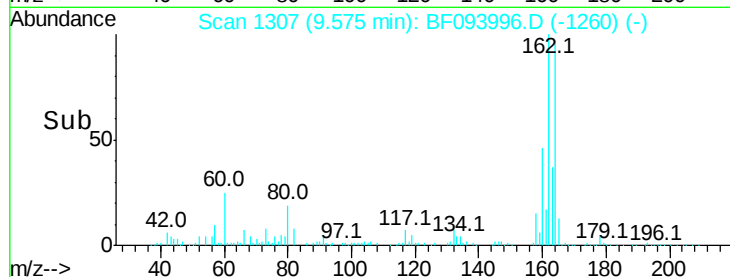
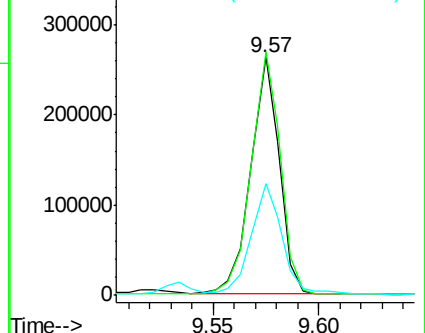
160 47.1 36.2 54.2



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: 135.65 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

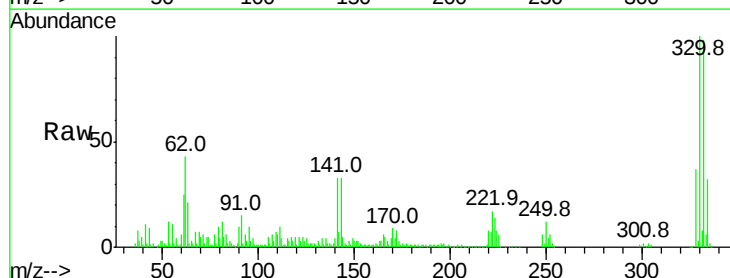
Tgt Ion:330 Resp: 264376

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

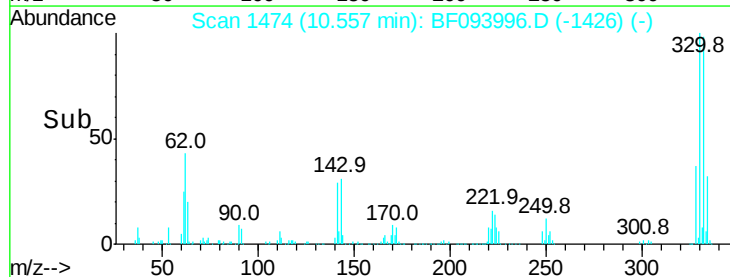
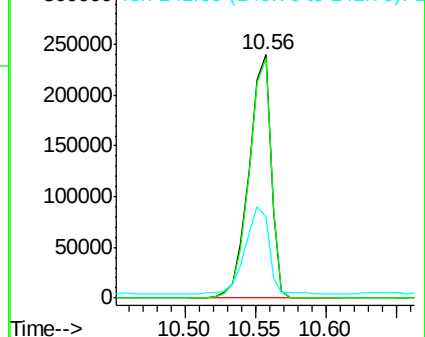
141 38.7 31.4 47.2

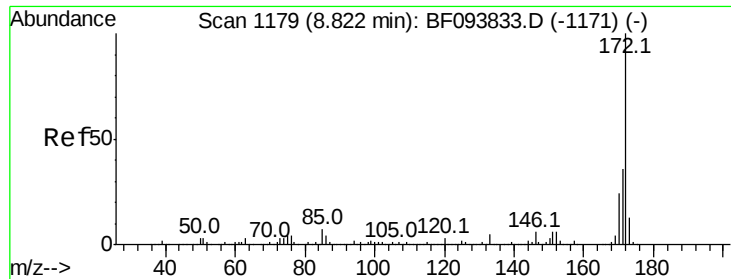


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



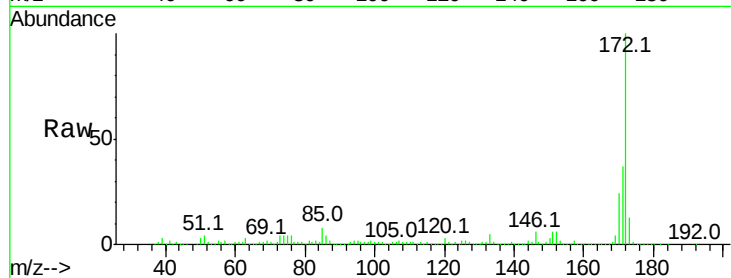


#44
 2-Fluorobiphenyl
 Concen: 93.53 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093996.D
 Acq: 28 Mar 2017 16:54

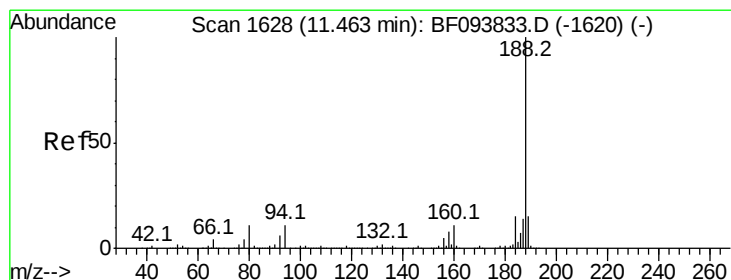
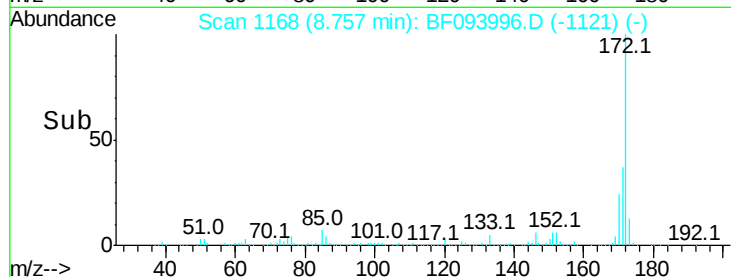
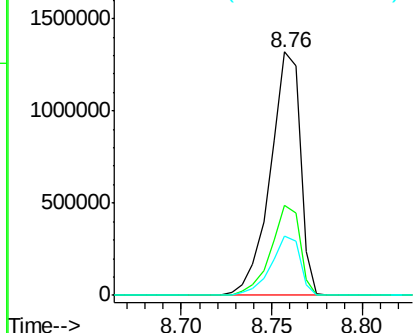
Instrument :
 BNA_F
 ClientSampleId :
 S8-0667RE

Tot Ion:172 Resp: 1512394

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.1	19.8	29.8



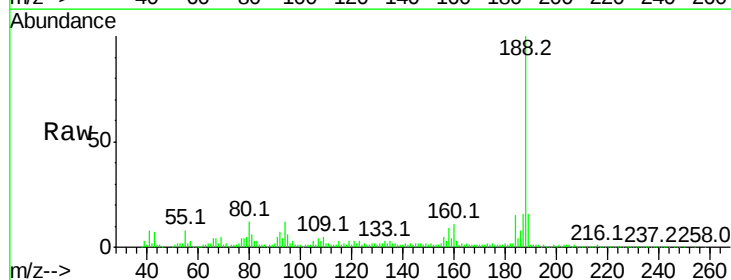
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



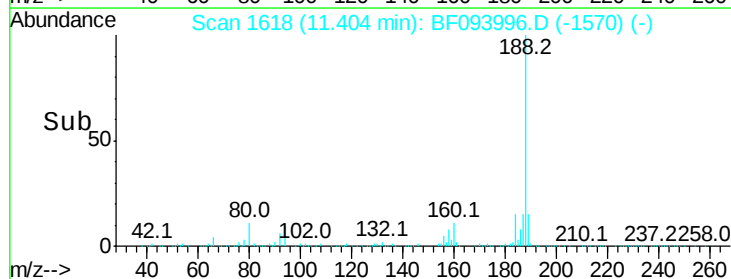
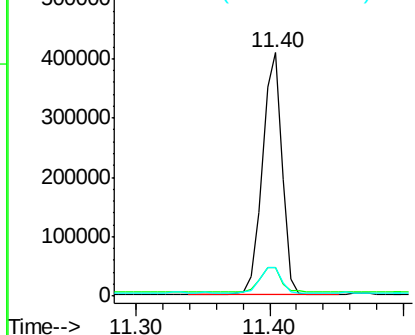
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.02 min
 Lab File: BF093996.D
 Acq: 28 Mar 2017 16:54

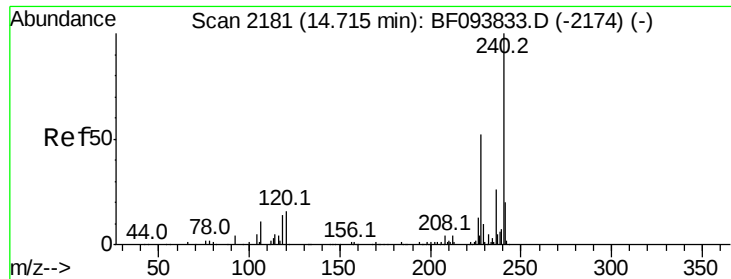
Tgt Ion:188 Resp: 411879

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.8	10.2	15.2



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: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

Instrument :

BNA_F

ClientSampleId :

S8-0667RE

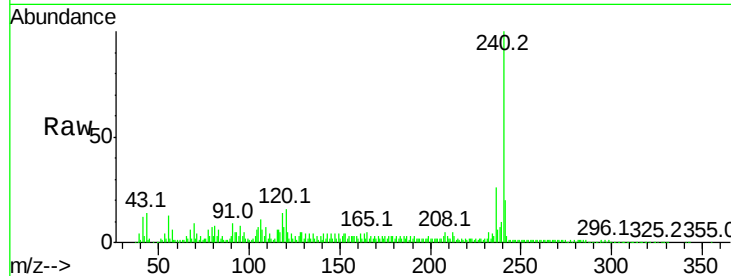
Tot Ion:240 Resp: 278335

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

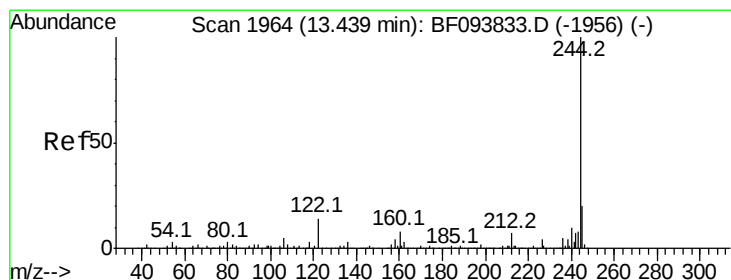
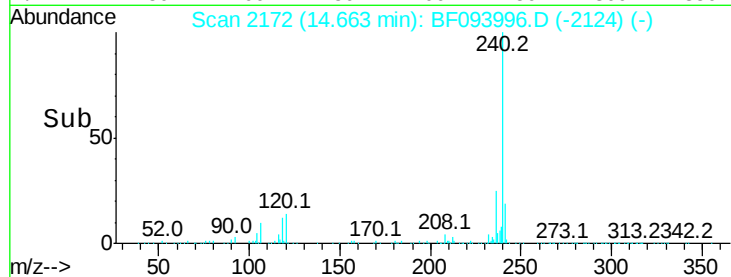
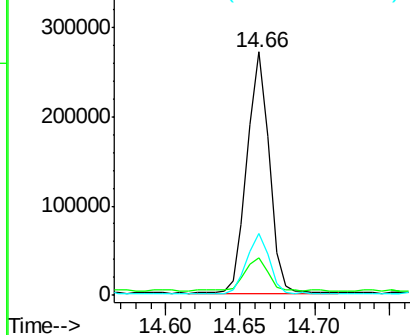
236 25.6 20.5 30.7



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: 75.99 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093996.D

Acq: 28 Mar 2017 16:54

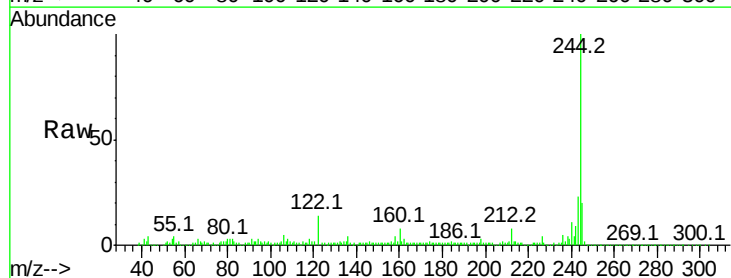
Tgt Ion:244 Resp: 943545

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

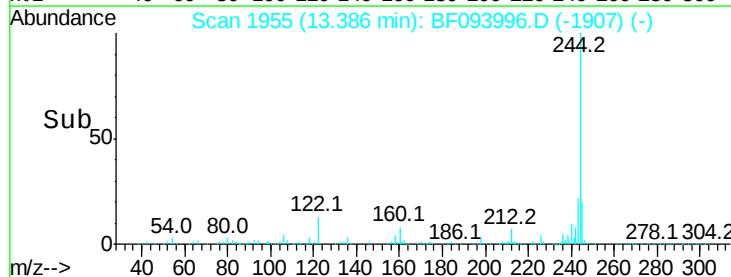
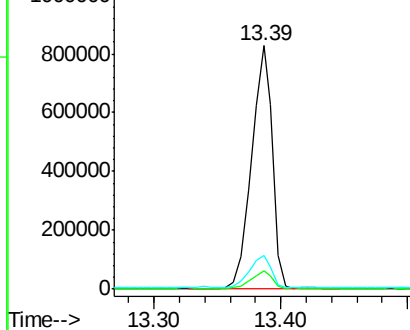
122 14.0 10.3 15.5

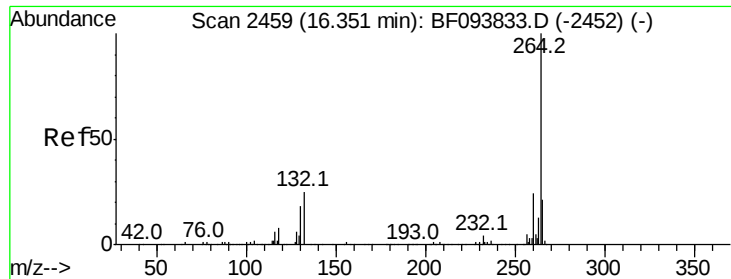


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

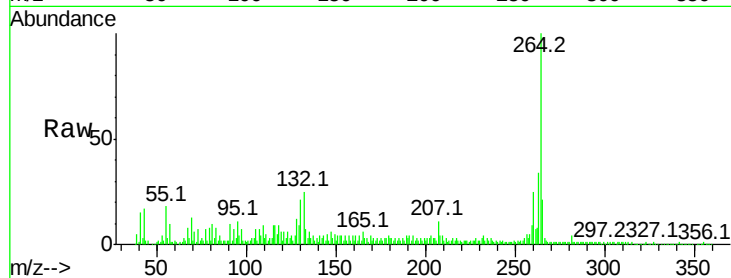




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093996.D
 Acq: 28 Mar 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :
 S8-0667RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	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

