

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093294.D
 Acq On : 1 Mar 2017 17:25
 Operator : SJ/MA
 Sample : I2002-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)

Quant Time: Mar 02 00:26:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

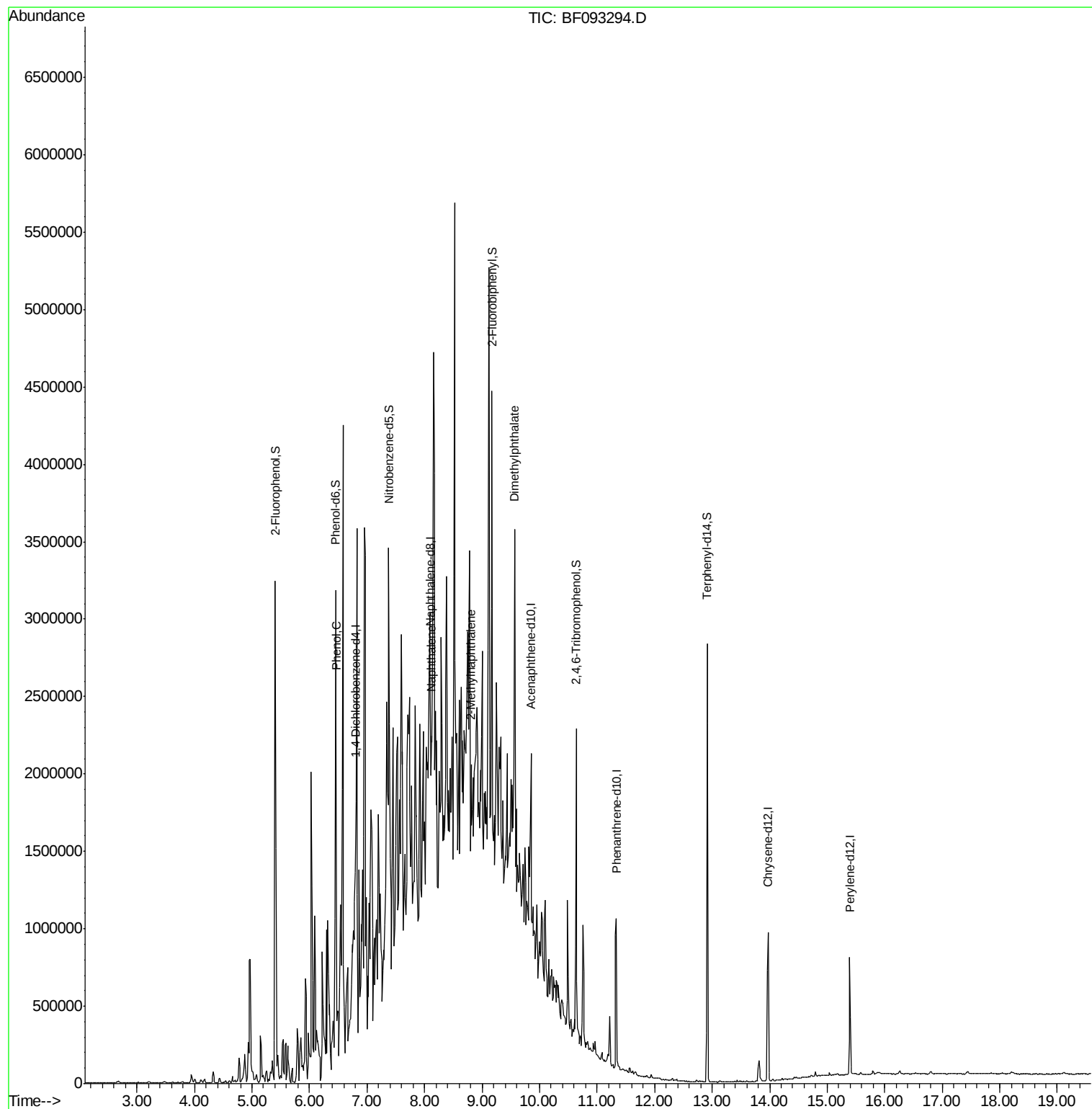
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	141089	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	524446	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	266692	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	507973	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	441659	20.00	ng	-0.05
86) Perylene-d12	15.39	264	332895	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1033691	125.70	ng	-0.05
7) Phenol-d6	6.45	99	1281530	121.11	ng	-0.03
23) Nitrobenzene-d5	7.38	82	860131	91.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	237014	122.88	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1336536	90.79	ng	-0.05
78) Terphenyl-d14	12.91	244	1254702	66.75	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	85398	6.90	ng	# 82
31) Naphthalene	8.12	128	130535	4.91	ng	# 73
37) 2-Methylnaphthalene	8.81	142	159474	9.34	ng	97
49) Dimethylphthalate	9.56	163	68898	3.84	ng	# 94

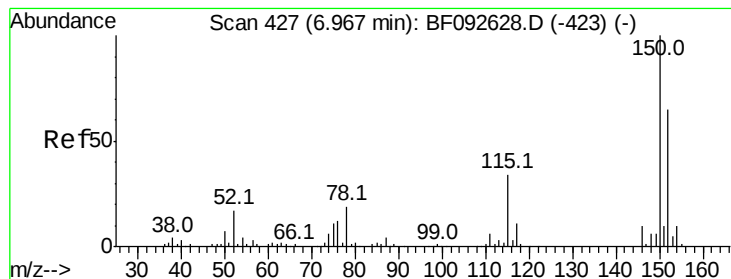
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)

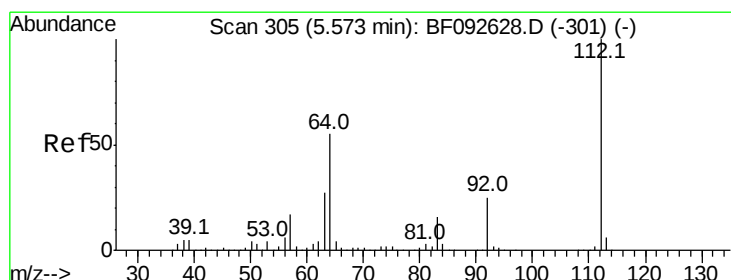
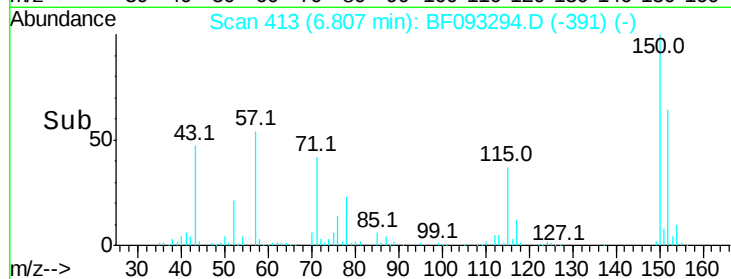
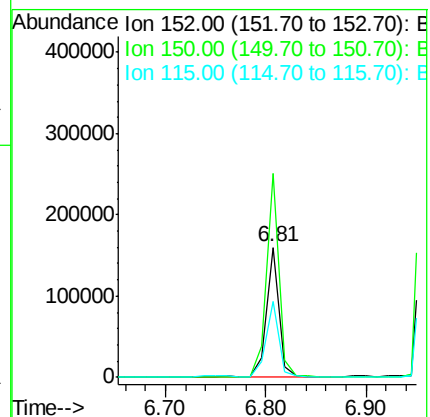
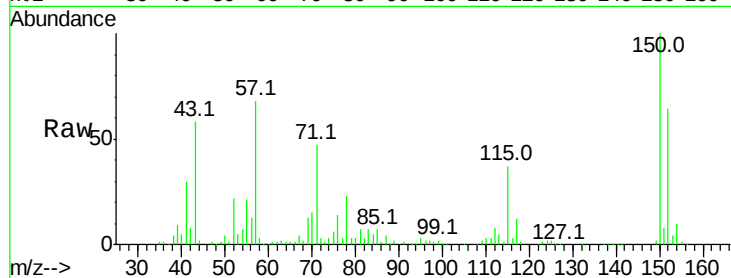
Tot Ion:152 Resp: 141089

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

115 58.4 46.0 69.0



#5

2-Fluorophenol

Concen: 125.70 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

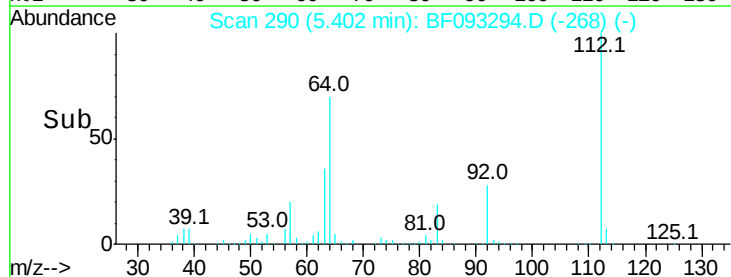
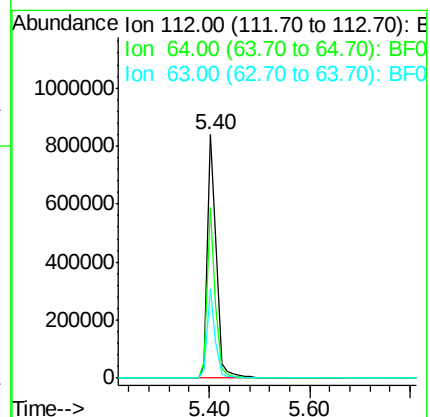
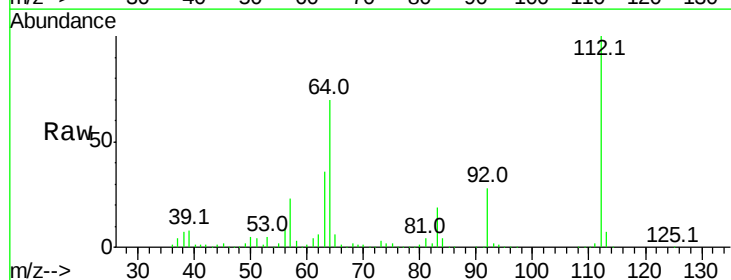
Tgt Ion:112 Resp: 1033691

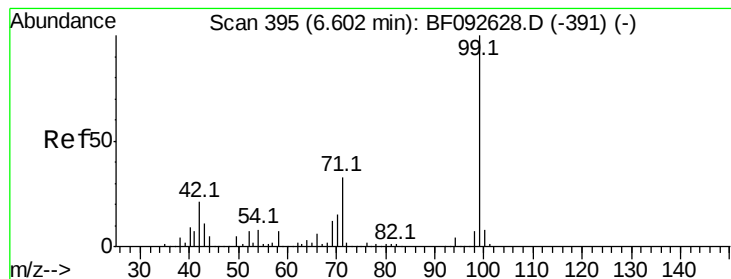
Ion Ratio Lower Upper

112 100

64 70.3 46.1 69.1#

63 36.3 23.8 35.6#





#7

Phenol-d6

Concen: 121.11 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Instrument :

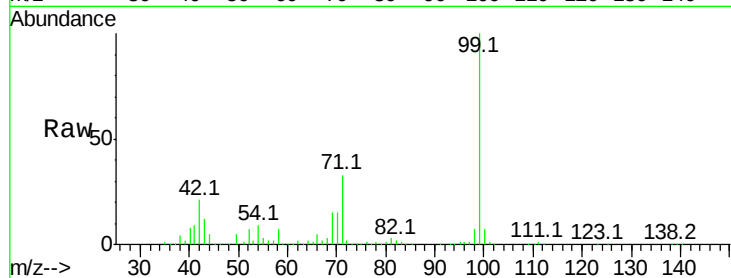
BNA_F

ClientSampleId :

SSP-8(3.5-5.5)

Tot Ion: 99 Resp: 1281530

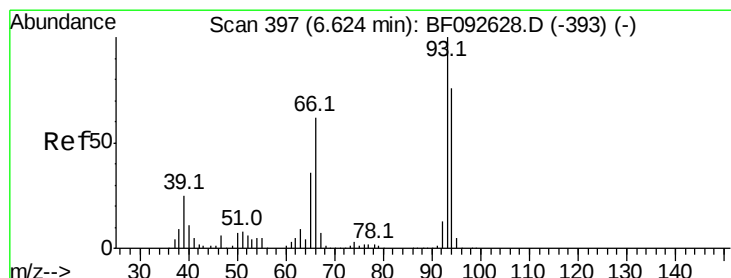
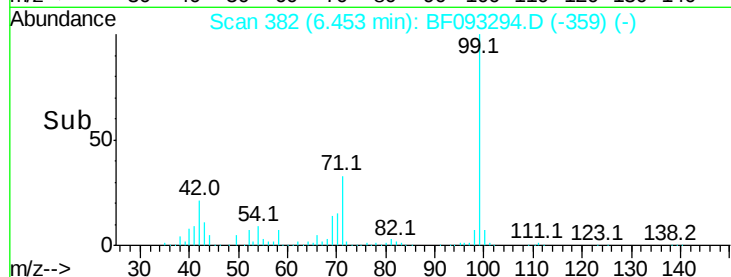
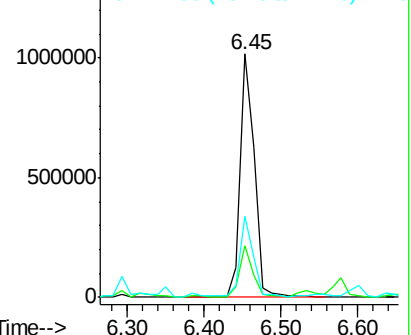
Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	33.1	27.5	41.3



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: 6.90 ng

RT: 6.46 min Scan# 383

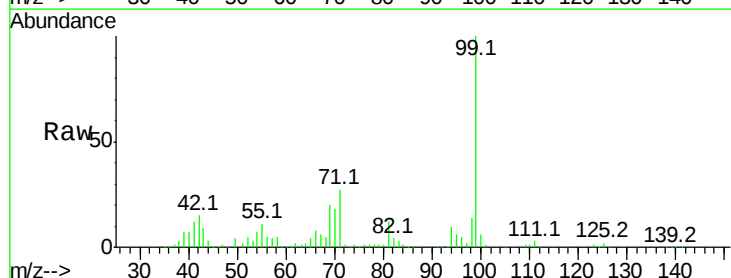
Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Tgt Ion: 94 Resp: 85398

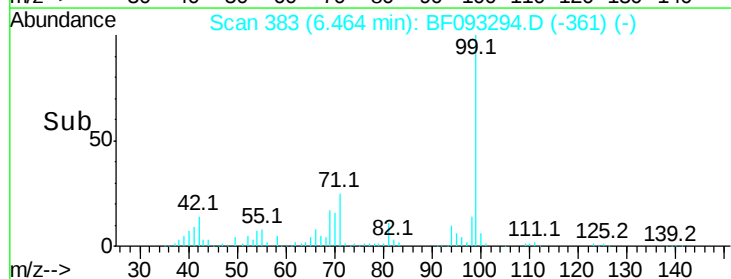
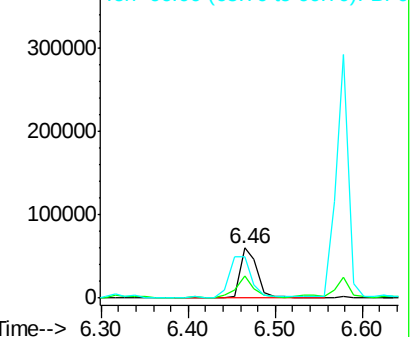
Ion	Ratio	Lower	Upper
94	100		
65	44.9	21.4	61.4
66	84.0	44.0	84.0#

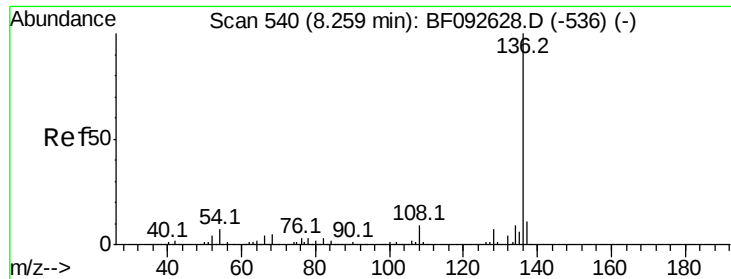


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)

Tot Ion:136 Resp: 524446

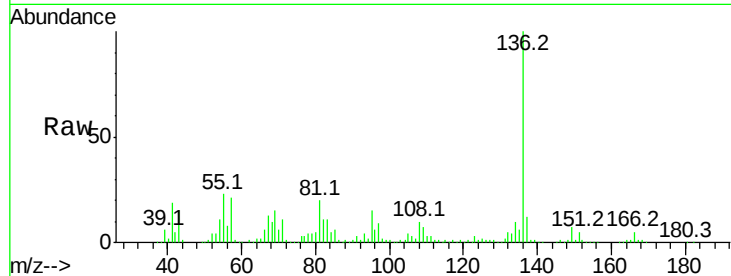
Ion Ratio Lower Upper

136 100

137 11.9 8.4 12.6

54 10.6 4.5 6.7#

68 9.5 3.6 5.4#

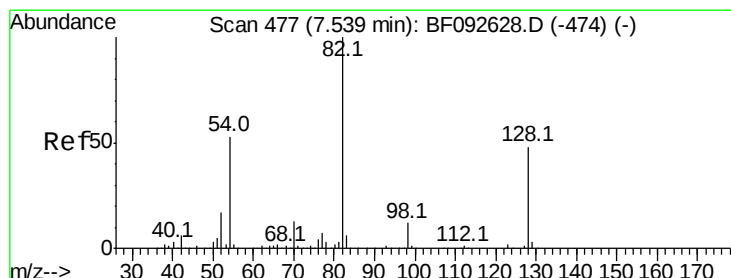
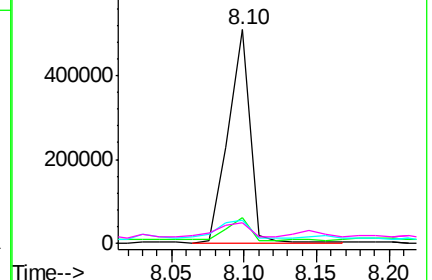
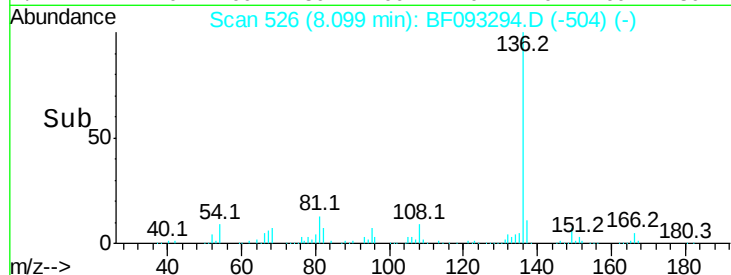


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.33 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

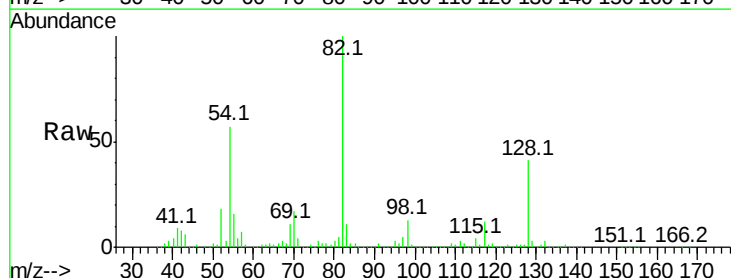
Tgt Ion: 82 Resp: 860131

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

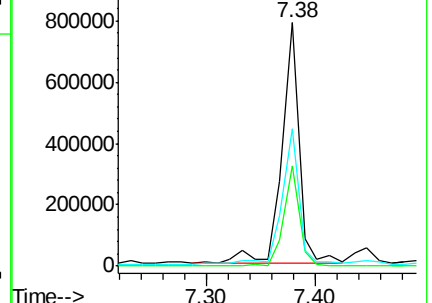
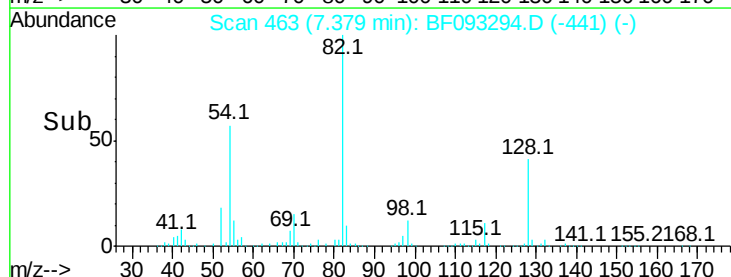
54 56.7 39.5 59.3

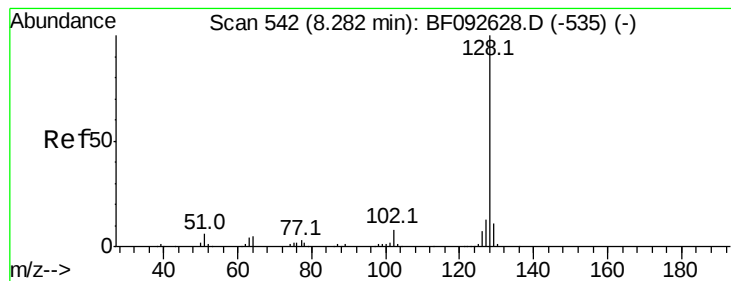


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.91 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)

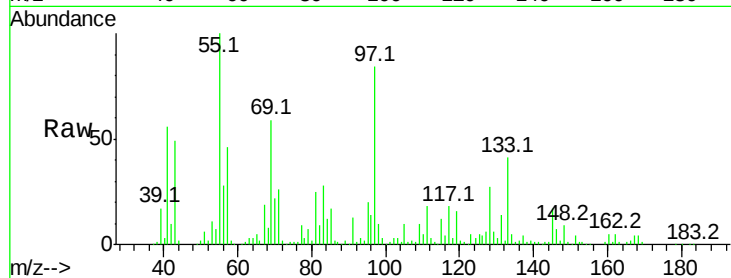
Tot Ion:128 Resp: 130535

Ion Ratio Lower Upper

128 100

129 23.9 9.5 14.3#

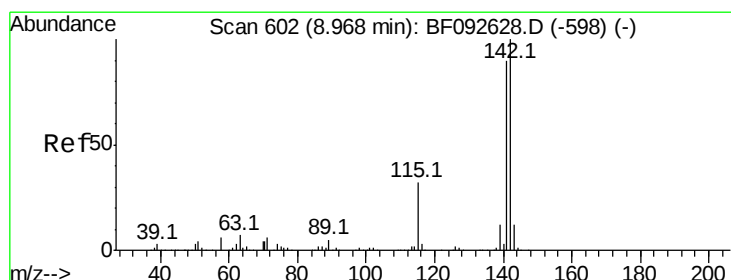
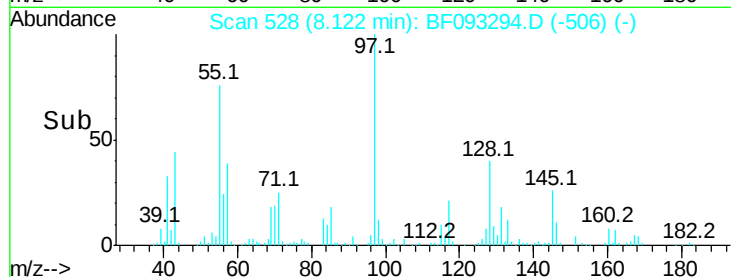
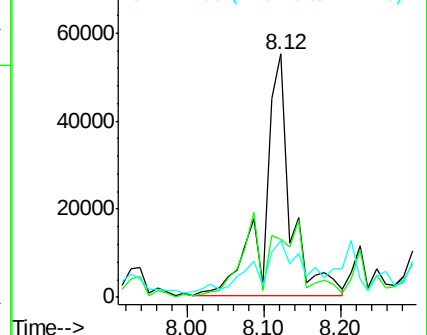
127 23.1 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 9.34 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

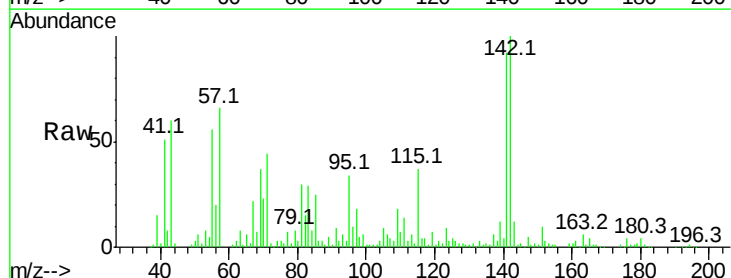
Tgt Ion:142 Resp: 159474

Ion Ratio Lower Upper

142 100

141 91.6 71.0 106.6

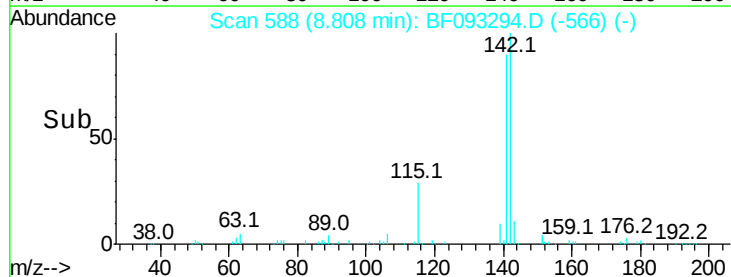
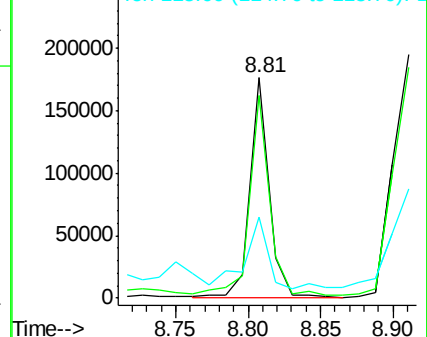
115 36.9 28.3 42.5

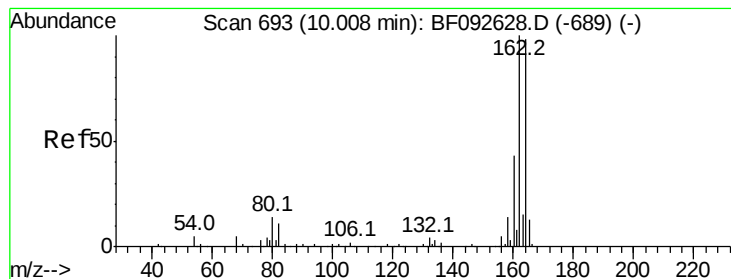


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)

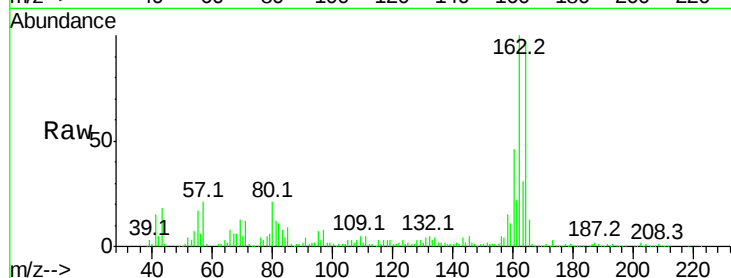
Tot Ion:164 Resp: 266692

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

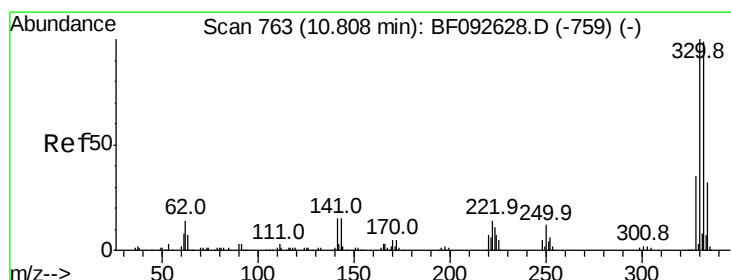
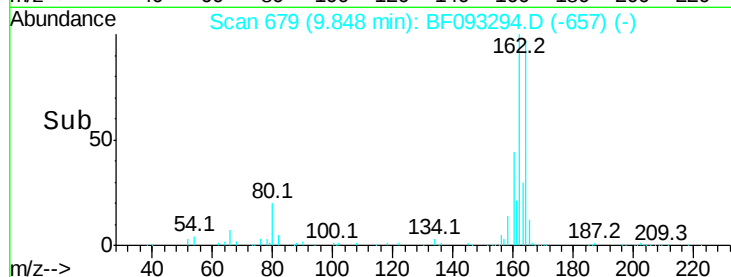
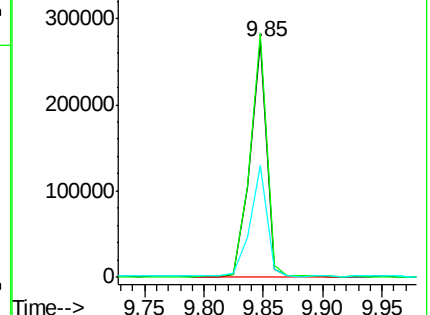
160 47.5 36.9 55.3



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: 122.88 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

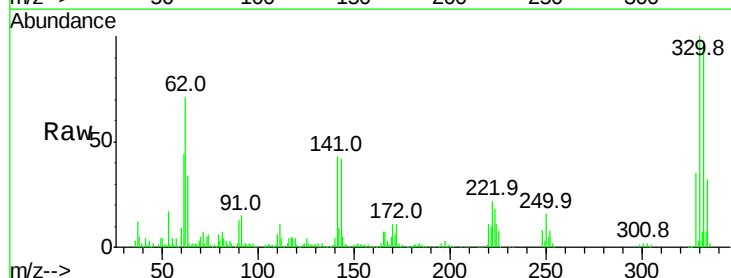
Tgt Ion:330 Resp: 237014

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

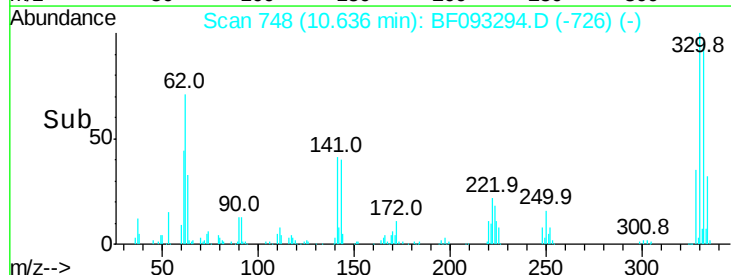
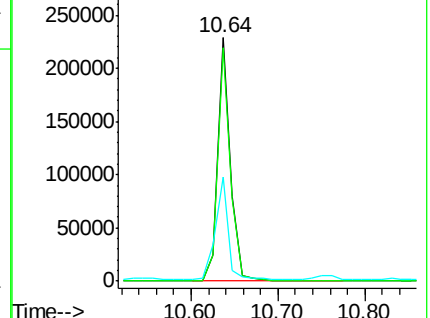
141 41.6 34.1 51.1

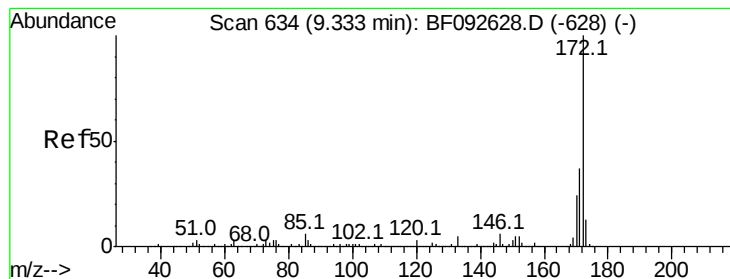


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.79 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)

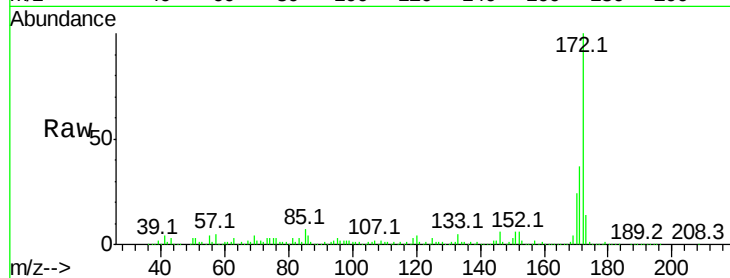
Tot Ion:172 Resp: 1336536

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

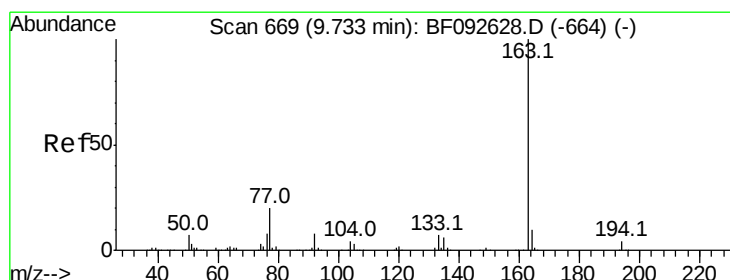
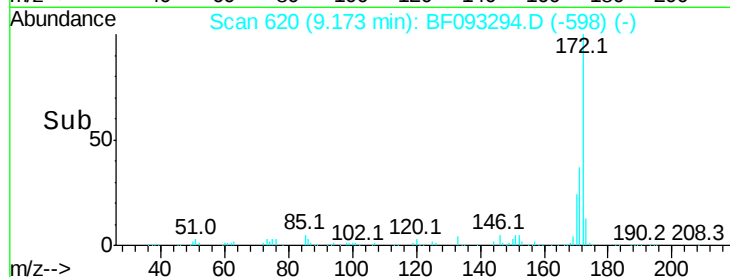
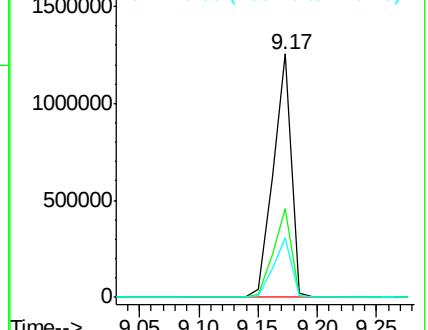
170 24.3 20.2 30.4



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



#49

Dimethylphthalate

Concen: 3.84 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF093294.D

Acq: 1 Mar 2017 17:25

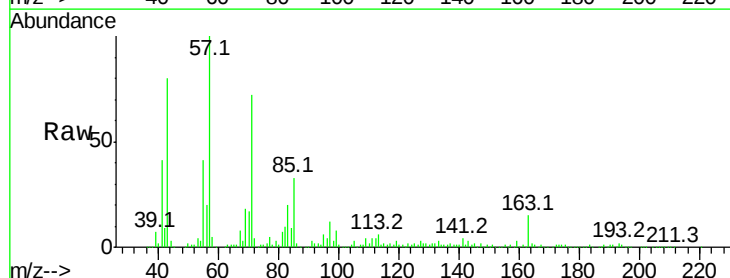
Tgt Ion:163 Resp: 68898

Ion Ratio Lower Upper

163 100

194 6.4 3.0 4.4#

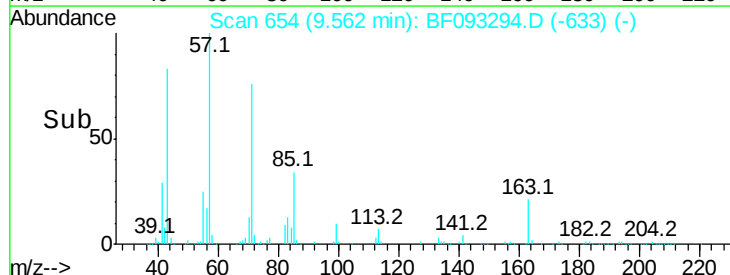
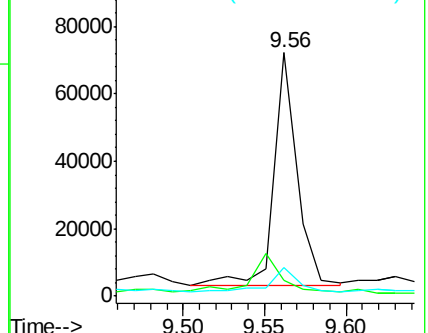
164 11.9 8.0 12.0

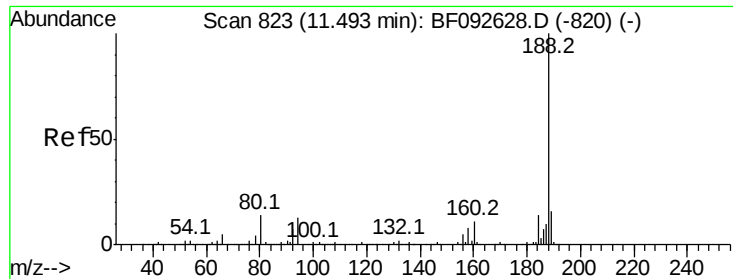


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

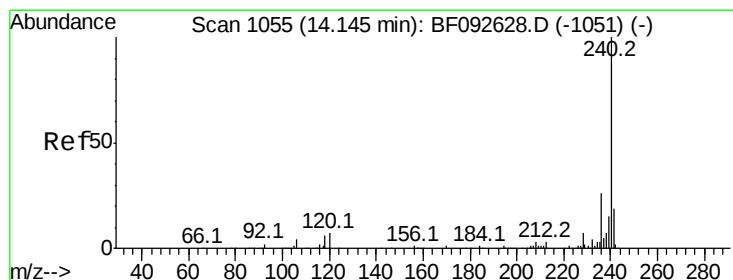
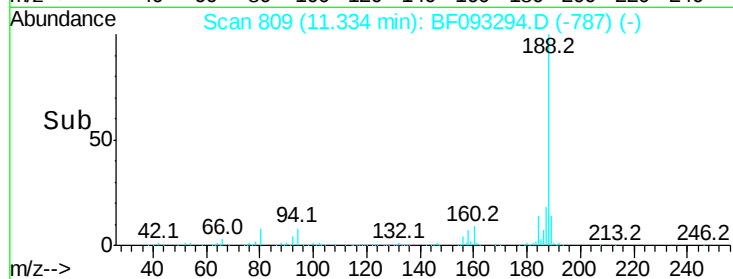
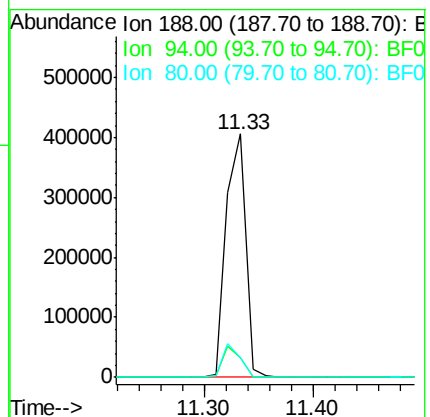
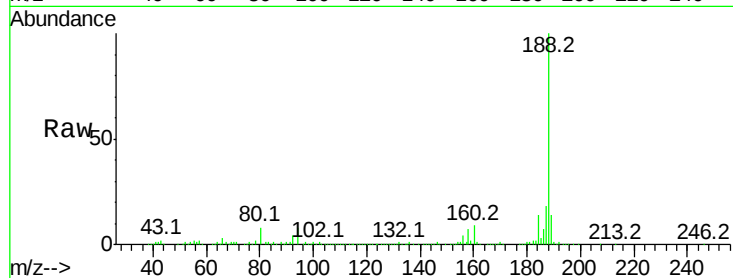




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093294.D
Acq: 1 Mar 2017 17:25

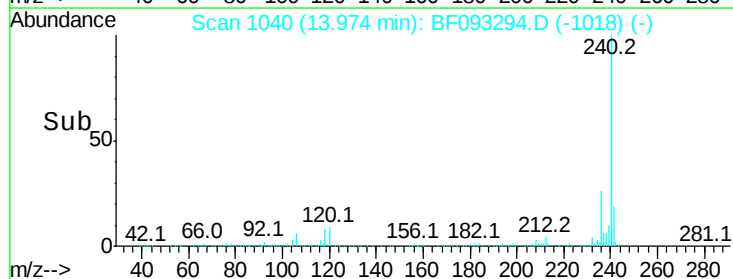
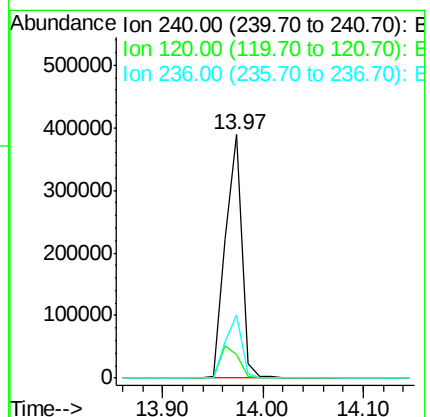
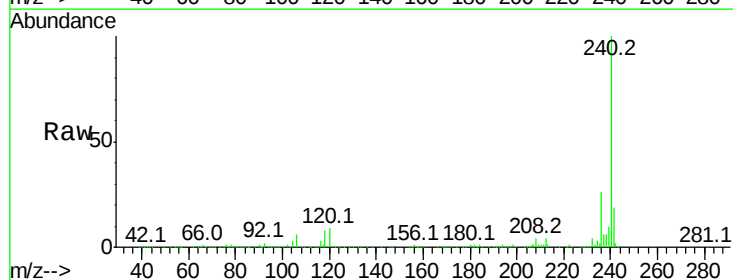
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)

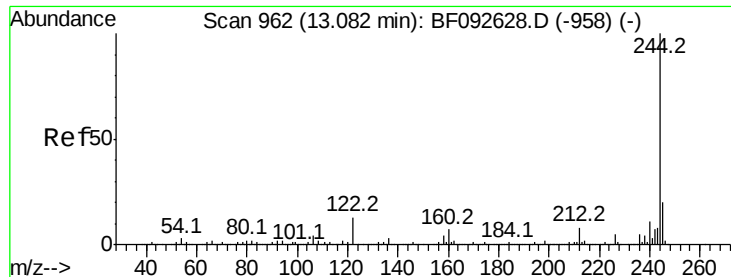
Tot Ion:188 Resp: 507973
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 8.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093294.D
Acq: 1 Mar 2017 17:25

Tgt Ion:240 Resp: 441659
Ion Ratio Lower Upper
240 100
120 9.4 12.9 19.3#
236 25.9 20.9 31.3

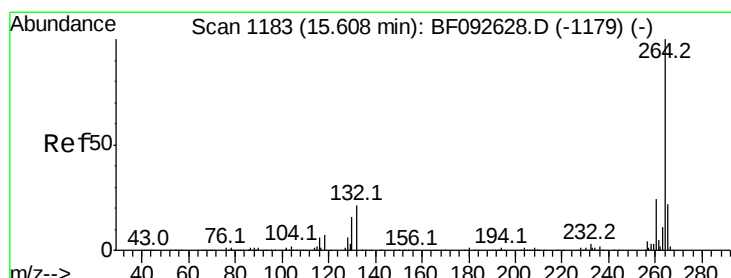
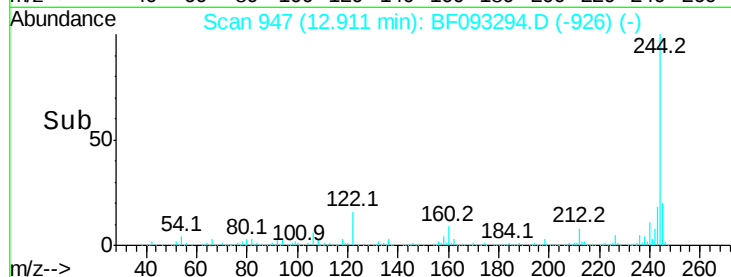
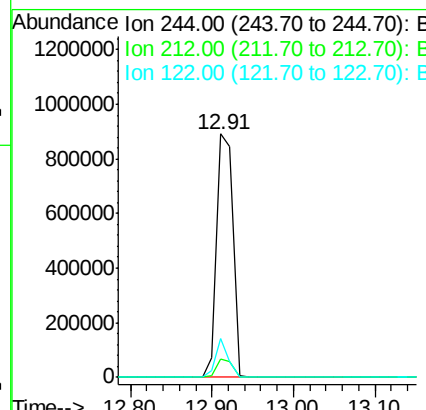
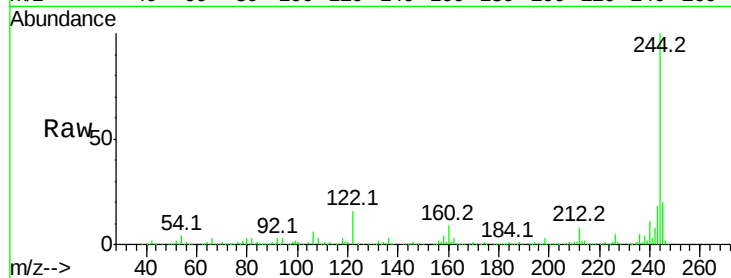




#78
 Terphenyl-d14
 Concen: 66.75 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093294.D
 Acq: 1 Mar 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)

Tot Ion:244 Resp: 1254702
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 15.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093294.D
 Acq: 1 Mar 2017 17:25

Tgt Ion:264 Resp: 332895
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.4 26.0

