

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093516.D
 Acq On : 10 Mar 2017 10:57
 Operator : SJ/MA
 Sample : I2132-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: Mar 10 12:32:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

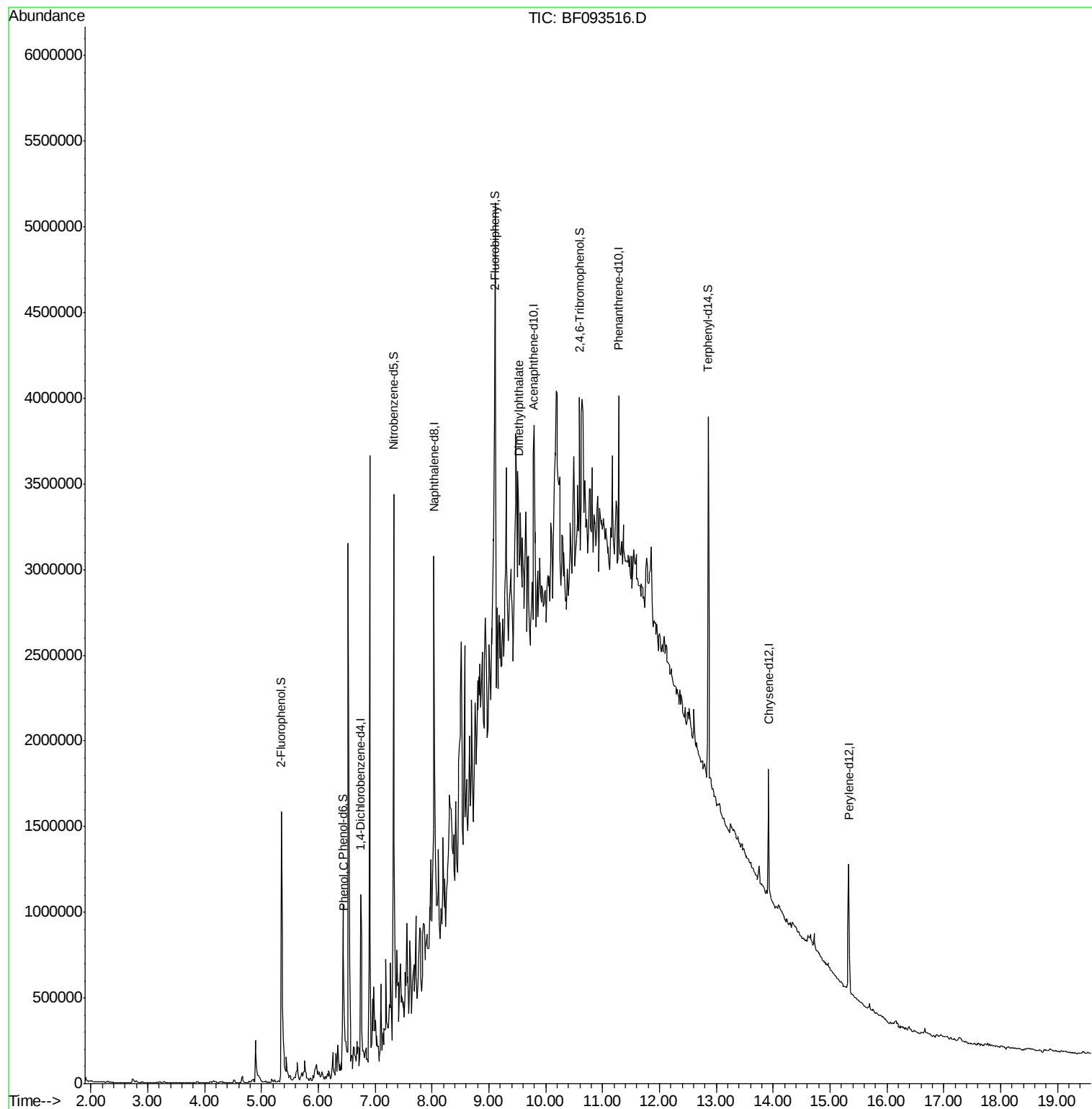
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181753m	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	656400	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	302423	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	440222	20.00	ng	0.00
75) Chrysene-d12	13.92	240	349925	20.00	ng	0.00
86) Perylene-d12	15.33	264	347756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	686220	62.84	ng	0.00
7) Phenol-d6	6.44	99	568828	41.31	ng	0.02
23) Nitrobenzene-d5	7.33	82	1016963	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	247630	125.68	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1448673	89.10	ng	-0.02
78) Terphenyl-d14	12.86	244	859147	63.83	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	63863	3.78	ng	Qvalue 93
49) Dimethylphthalate	9.52	163	140200	6.99	ng	# 90

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

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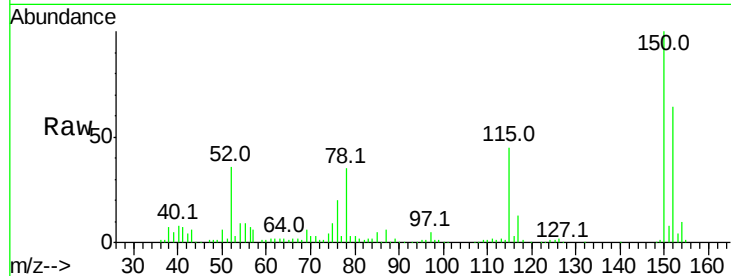


#1

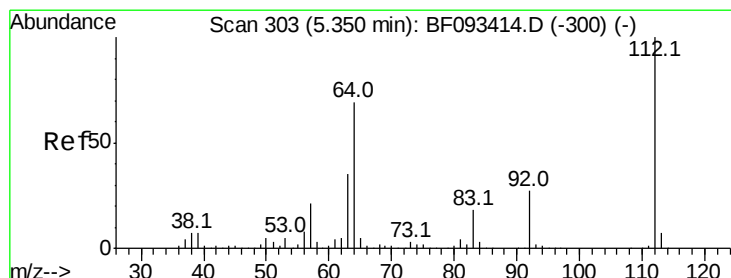
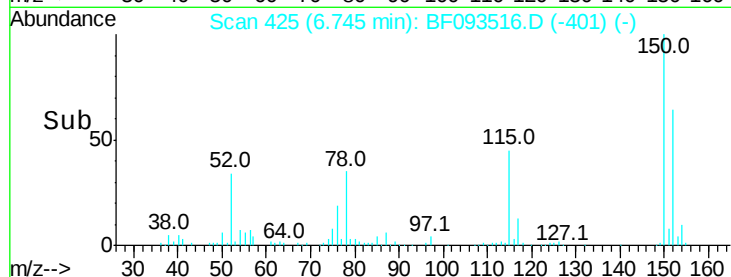
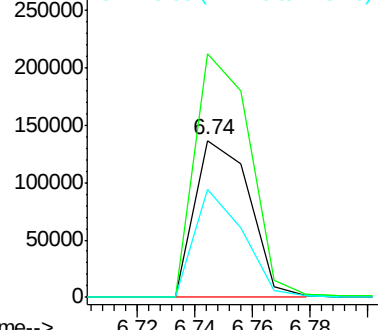
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :
W-16

Tot Ion:152 Resp: 181753
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 69.1 46.0 69.0#



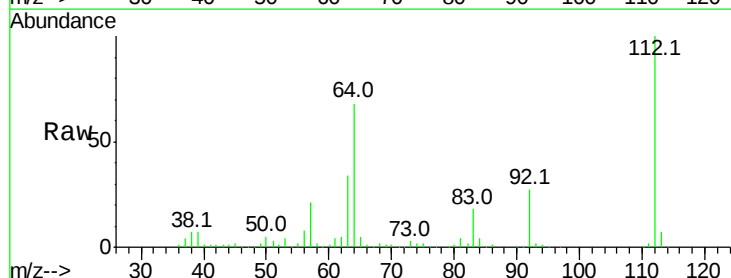
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



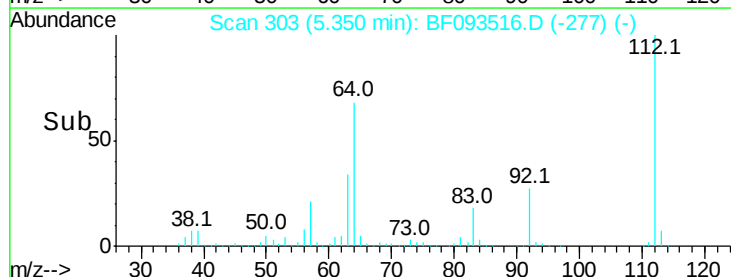
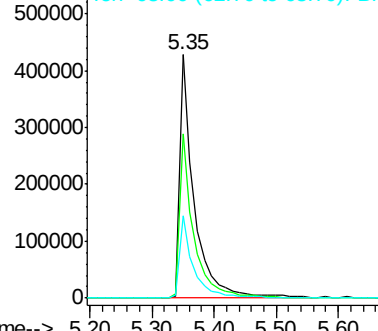
#5

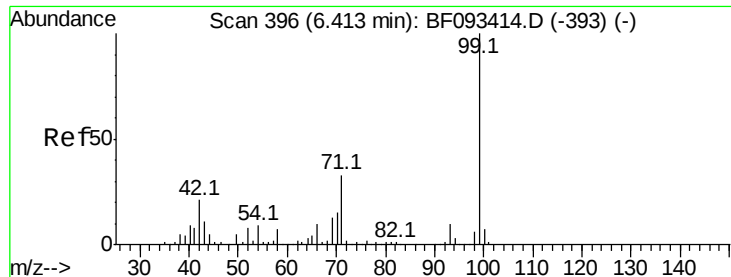
2-Fluorophenol
Concen: 62.84 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:112 Resp: 686220
Ion Ratio Lower Upper
112 100
64 67.5 46.1 69.1
63 34.0 23.8 35.6



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: 41.31 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

Instrument :

BNA_F

ClientSampleId :

W-16

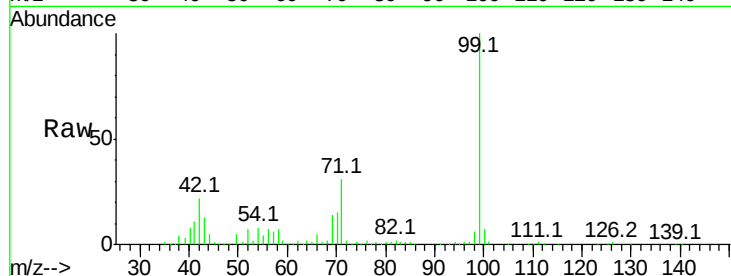
Tot Ion: 99 Resp: 568828

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

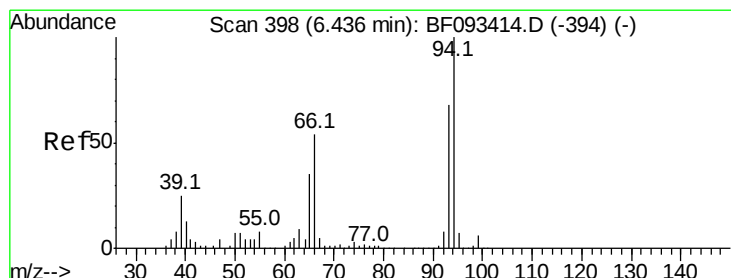
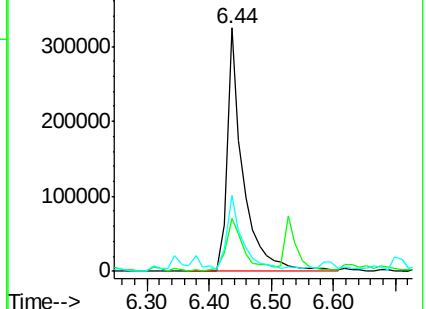
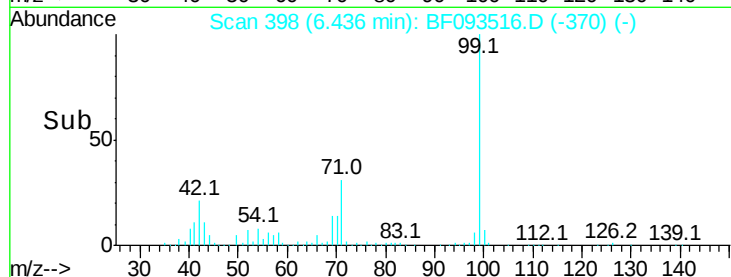
71 31.2 27.5 41.3



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: 3.78 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

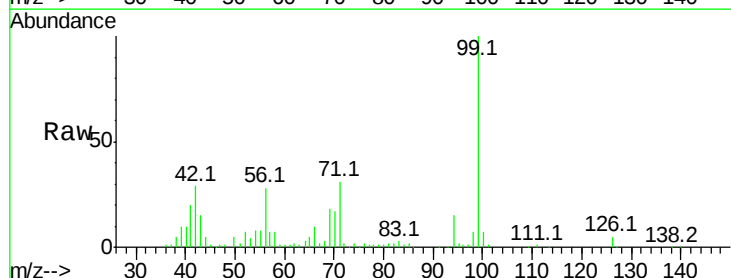
Tgt Ion: 94 Resp: 63863

Ion Ratio Lower Upper

94 100

65 34.0 21.4 61.4

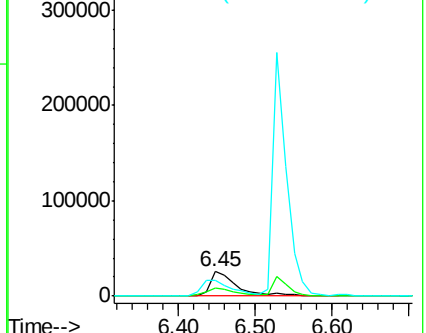
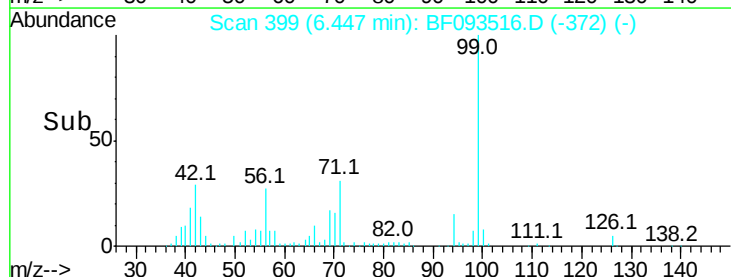
66 66.4 44.0 84.0

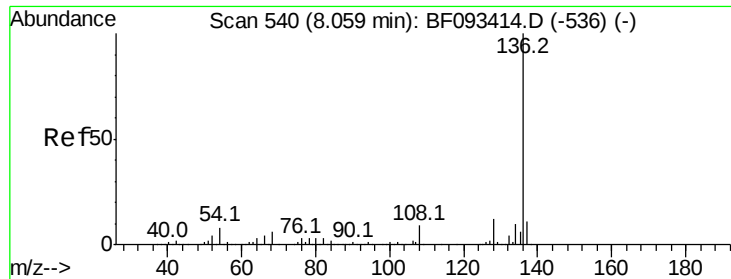


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

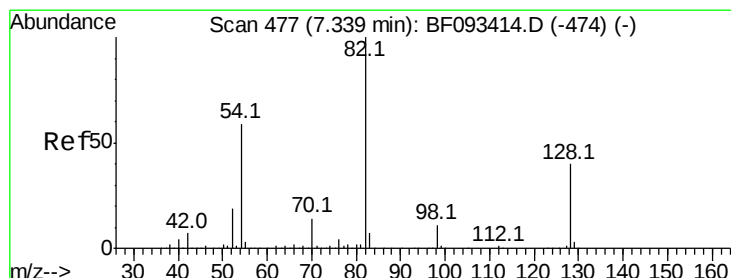
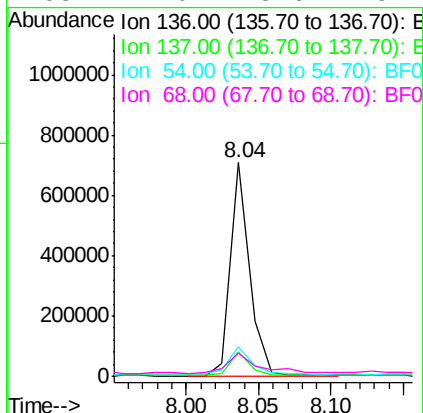
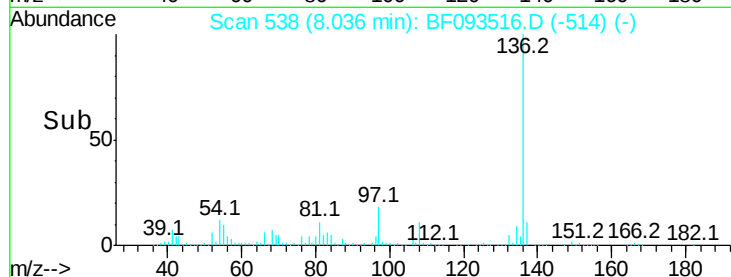
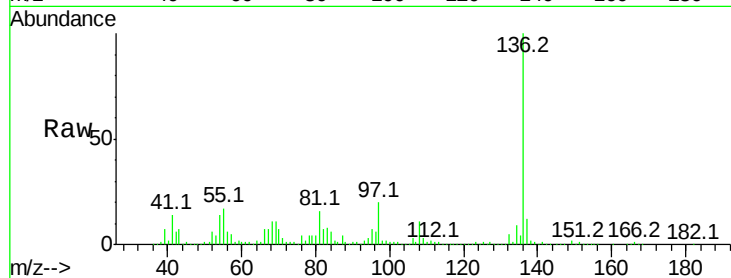




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

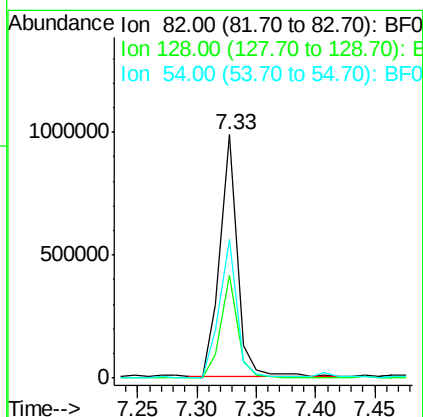
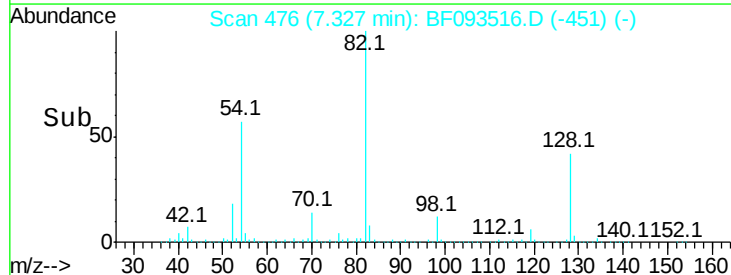
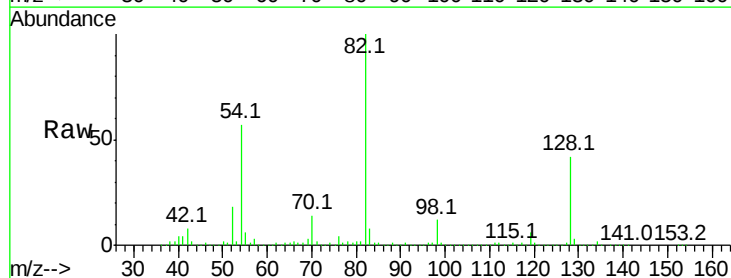
Instrument :
BNA_F
ClientSampled :
W-16

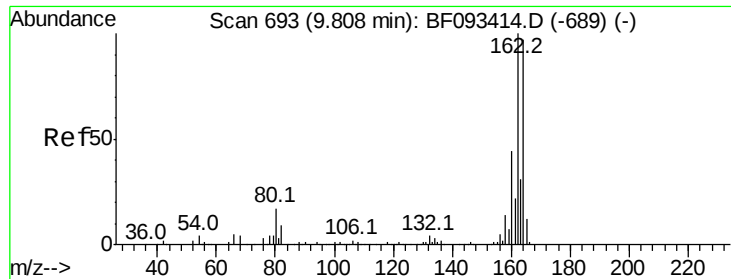
Tot Ion:136	Resp:	656400
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.4 12.6
54	13.6	4.5 6.7#
68	11.0	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 85.96 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion: 82	Resp:	1016963
Ion	Ratio	Lower Upper
82	100	
128	42.2	34.6 52.0
54	56.8	39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

Instrument :

BNA_F

ClientSampleId :

W-16

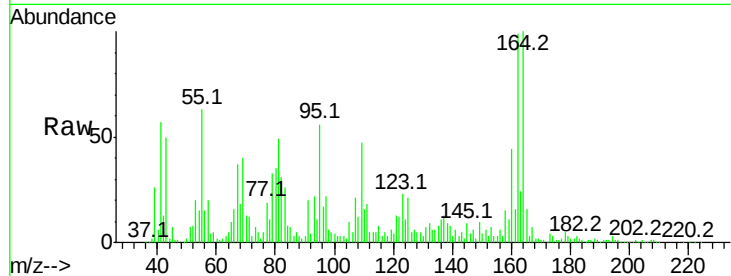
Tot Ion:164 Resp: 302423

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.2

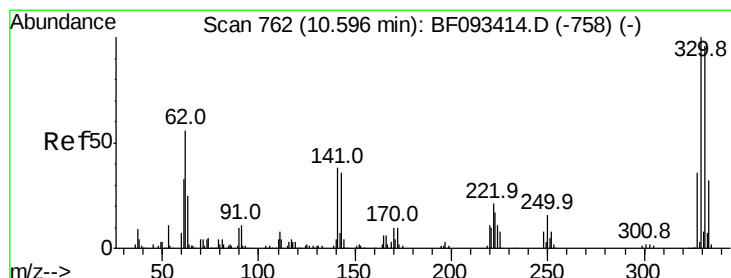
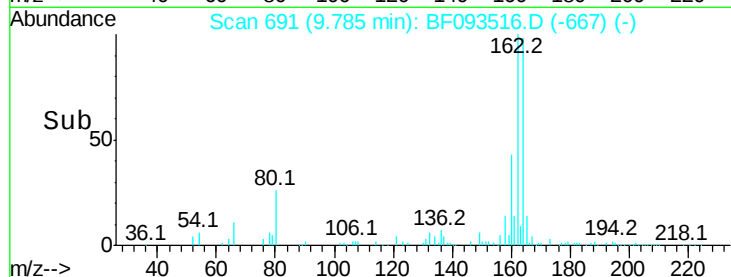
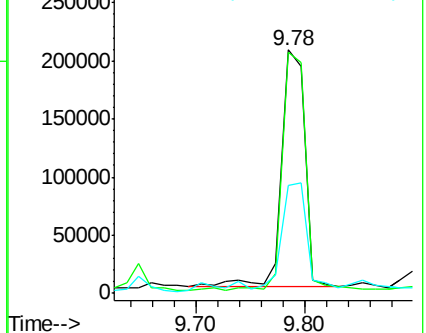
160 44.2 36.9 55.3



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: 125.68 ng

RT: 10.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

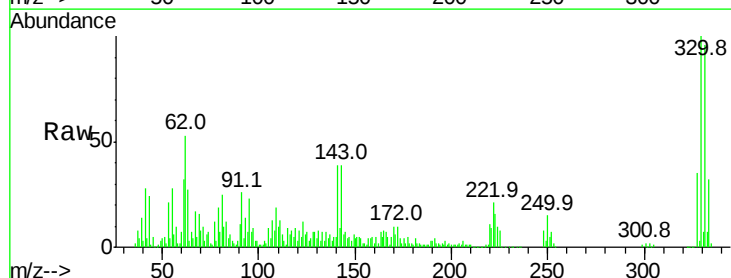
Tgt Ion:330 Resp: 247630

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

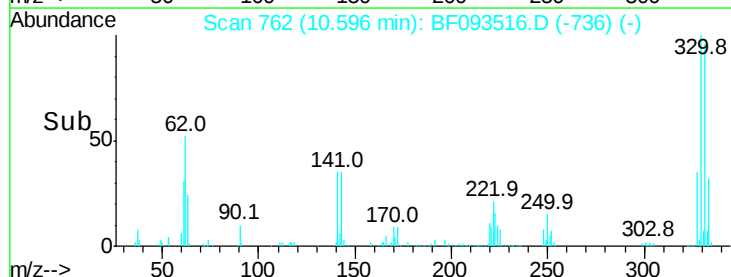
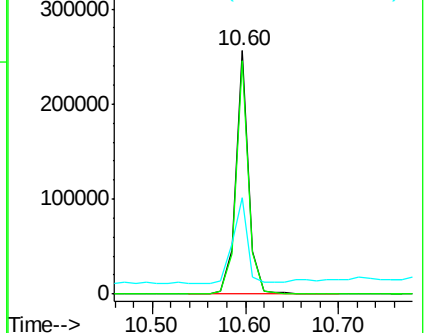
141 39.0 34.1 51.1

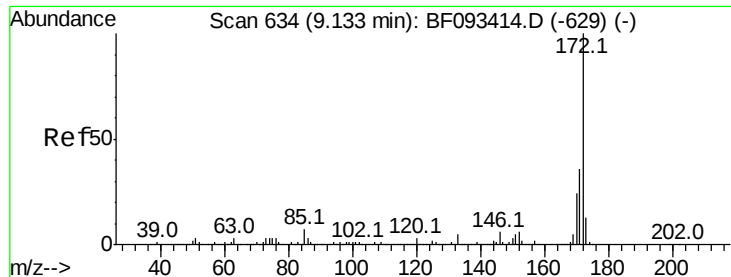


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.10 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

Instrument :

BNA_F

ClientSampleId :

W-16

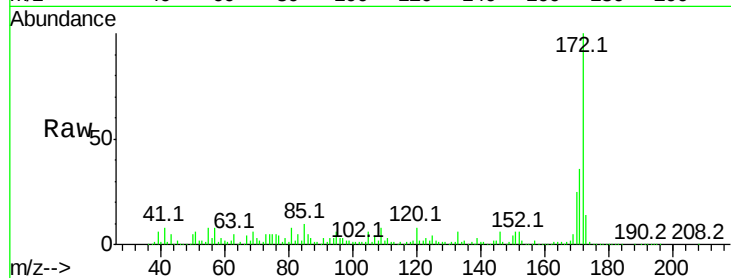
Tot Ion:172 Resp: 1448673

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

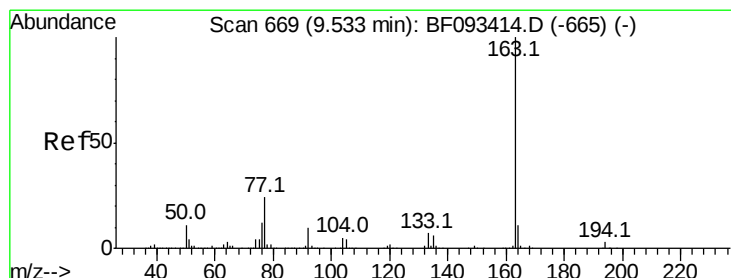
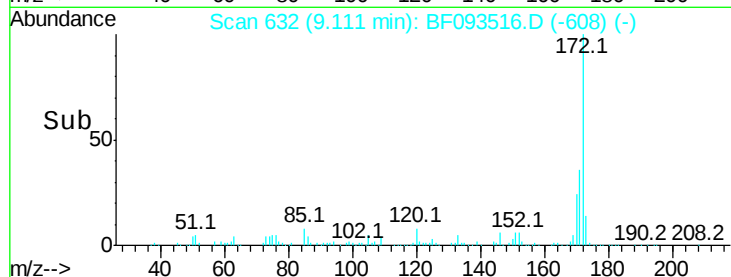
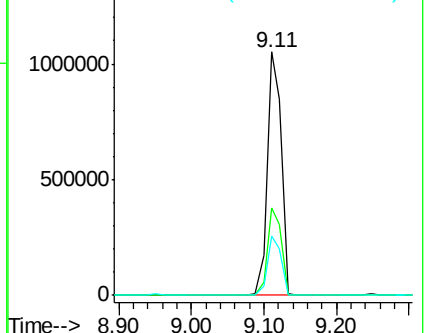
170 24.5 20.2 30.4



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: 6.99 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

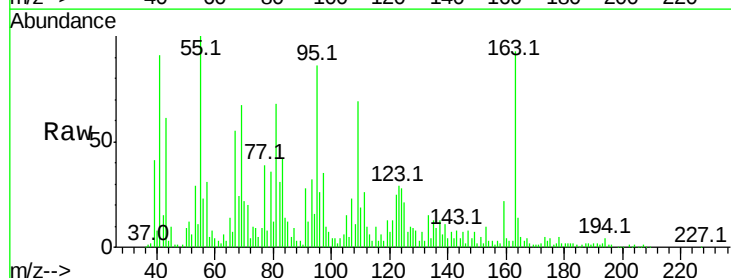
Tgt Ion:163 Resp: 140200

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

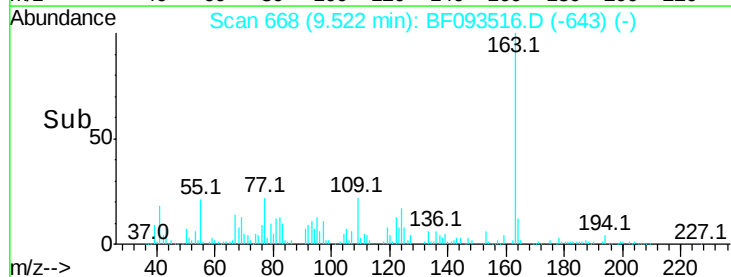
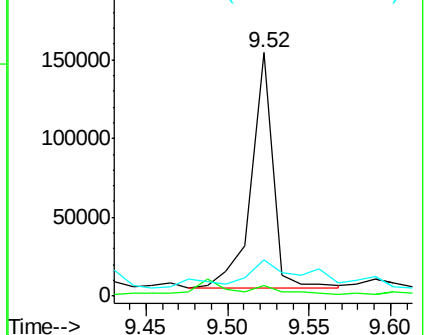
164 14.7 8.0 12.0#

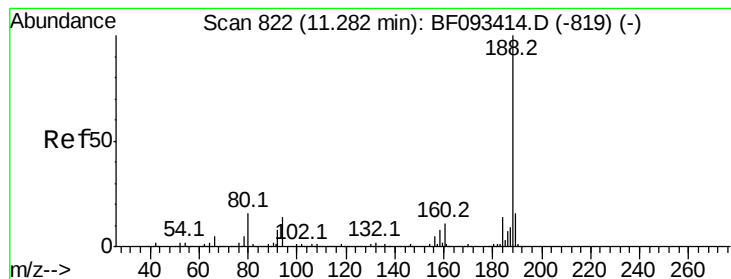


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

Instrument :

BNA_F

ClientSampleId :

W-16

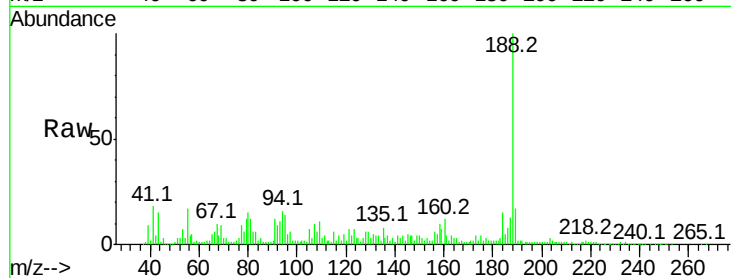
Tot Ion:188 Resp: 440222

Ion Ratio Lower Upper

188 100

94 15.9 10.0 15.0#

80 15.3 11.2 16.8



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

11.28

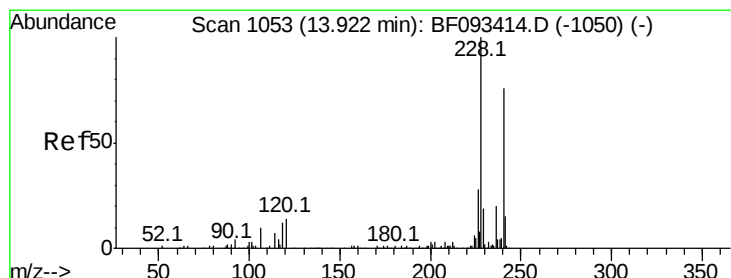
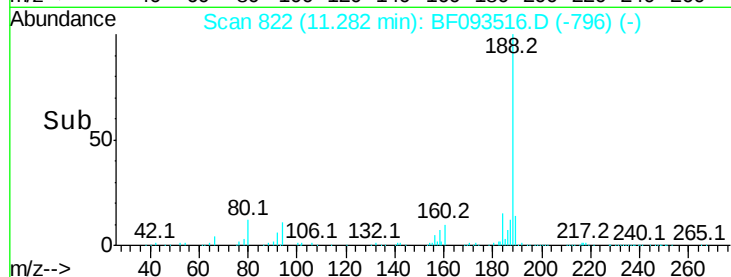
600000

400000

200000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

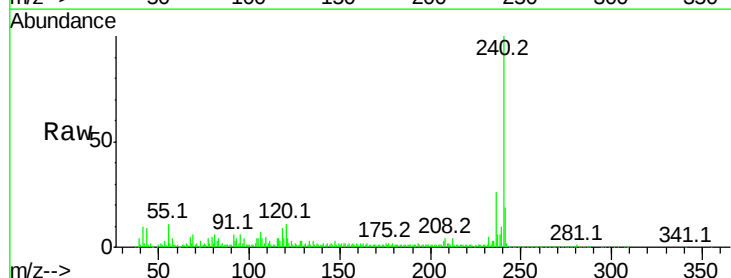
Tgt Ion:240 Resp: 349925

Ion Ratio Lower Upper

240 100

120 10.8 12.9 19.3#

236 25.8 20.9 31.3



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

13.92

400000

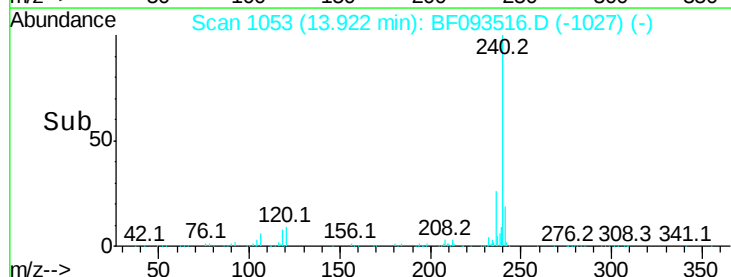
300000

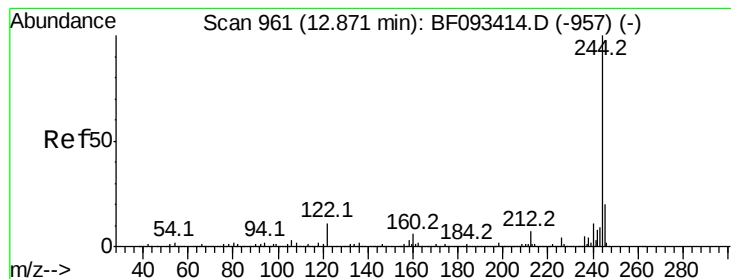
200000

100000

0

Time-->





#78

Terphenyl-d14

Concen: 63.83 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

Instrument :

BNA_F

ClientSampleId :

W-16

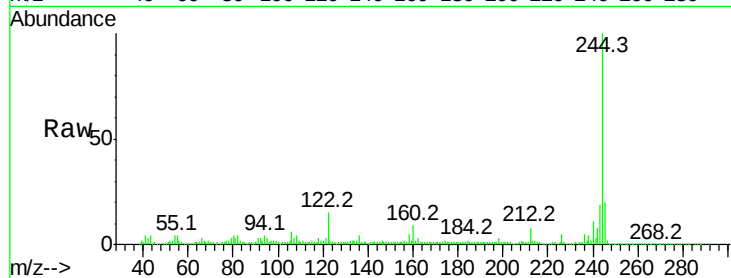
Tot Ion:244 Resp: 859147

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

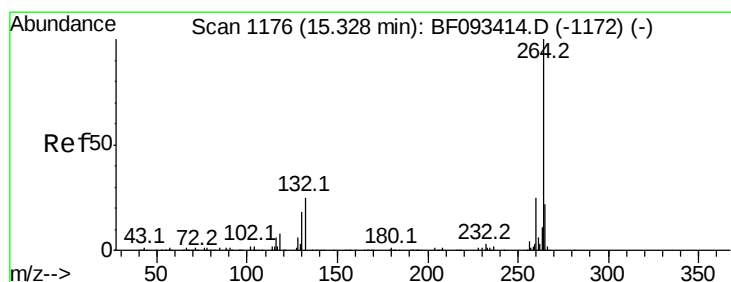
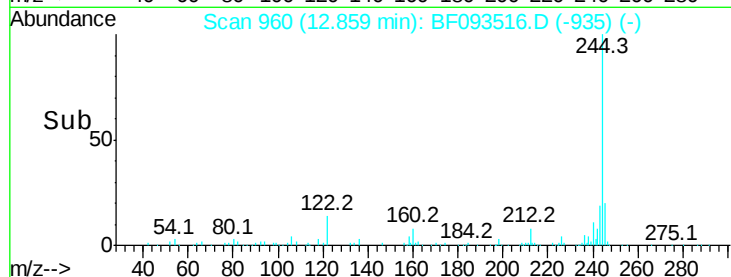
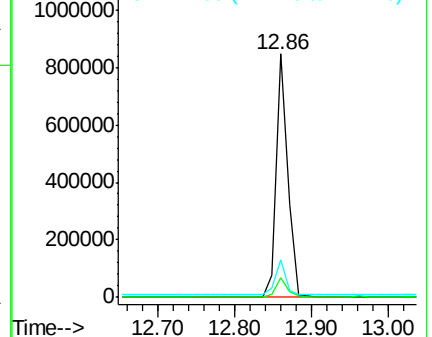
122 15.4 11.4 17.2



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: 15.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF093516.D

Acq: 10 Mar 2017 10:57

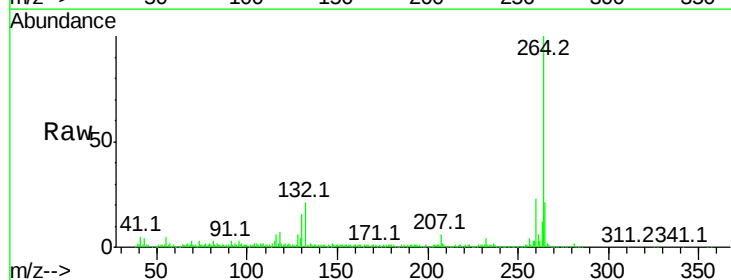
Tgt Ion:264 Resp: 347756

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 17.4 26.0



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

