

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093515.D
 Acq On : 10 Mar 2017 10:29
 Operator : SJ/MA
 Sample : I2132-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Mar 10 12:23:17 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

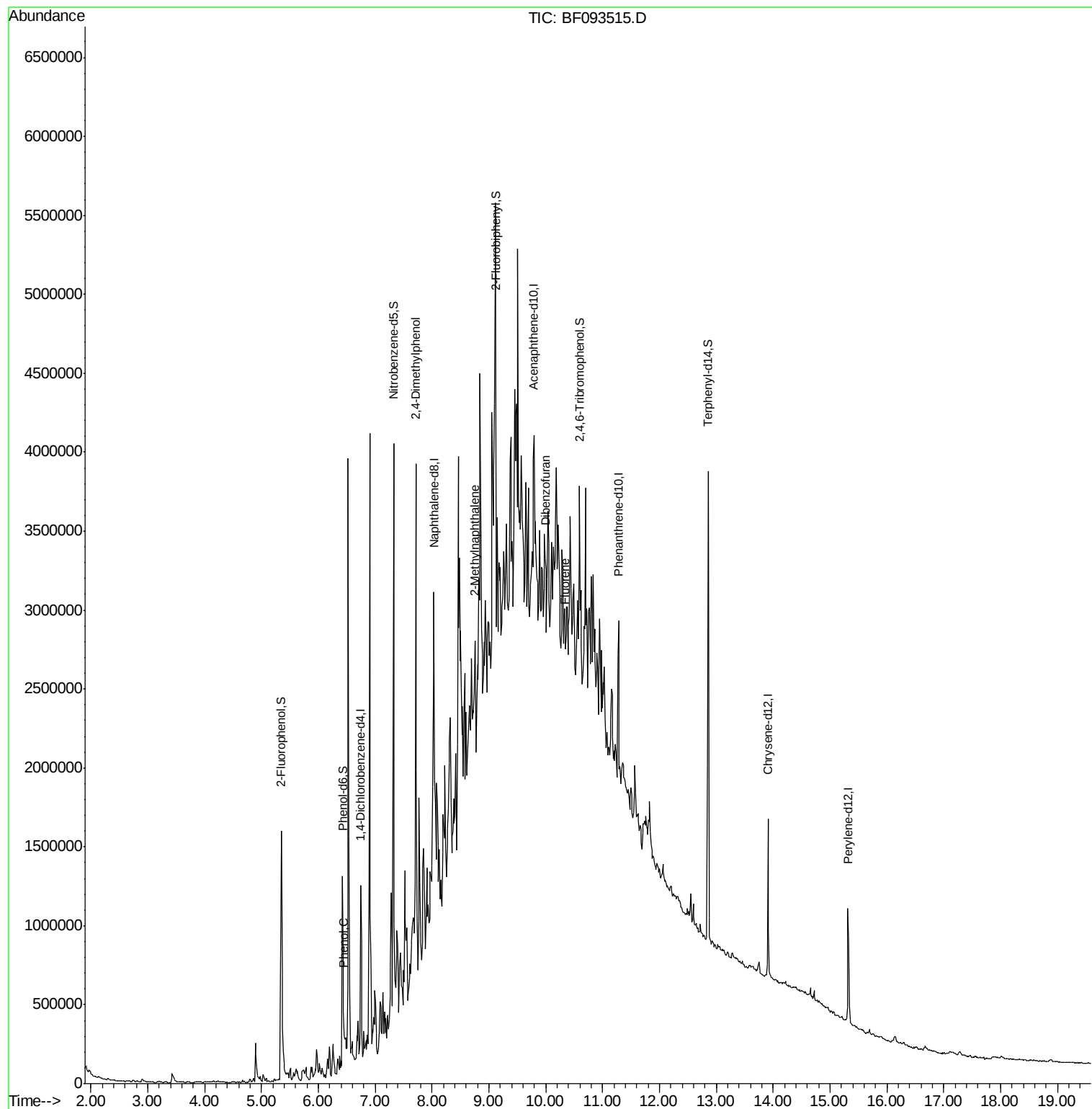
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187635m	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	684355	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	282371	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	493485	20.00	ng	0.00
75) Chrysene-d12	13.91	240	373997	20.00	ng	-0.01
86) Perylene-d12	15.32	264	373490	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	722584	64.09	ng	0.00
7) Phenol-d6	6.42	99	668327	47.01	ng	0.01
23) Nitrobenzene-d5	7.33	82	1182842	95.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	303645	165.05	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1655827	109.07	ng	-0.01
78) Terphenyl-d14	12.86	244	1041163	72.38	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	35564	2.04	ng	94
27) 2,4-Dimethylphenol	7.72	122	669599	65.08	ng	99
37) 2-Methylnaphthalene	8.76	142	194342	8.91	ng	98
54) Dibenzofuran	10.00	168	74767	3.89	ng	# 76
57) Fluorene	10.34	166	69940	4.29	ng	# 83

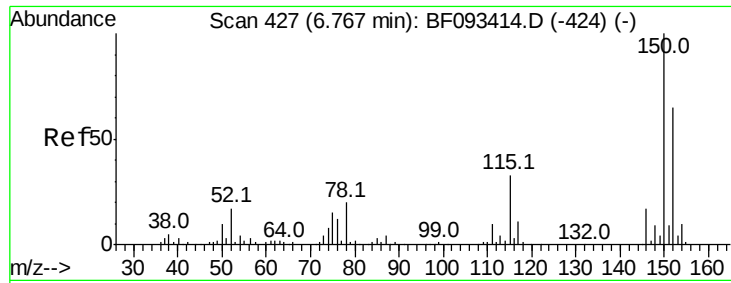
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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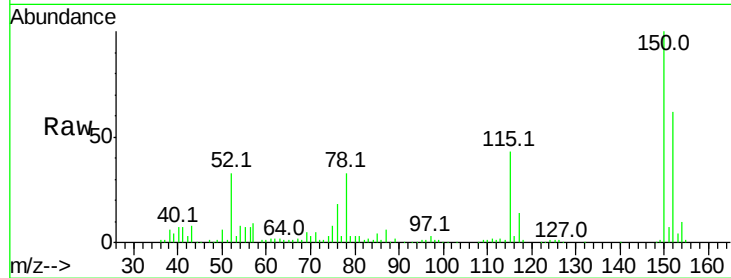


#1

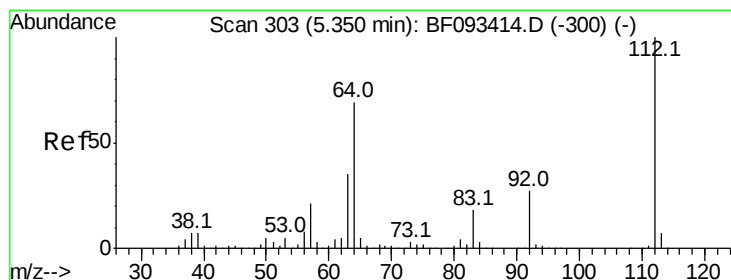
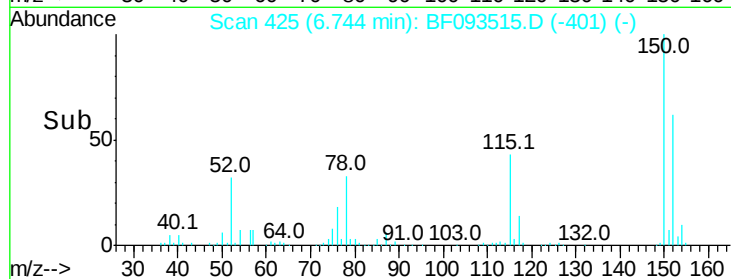
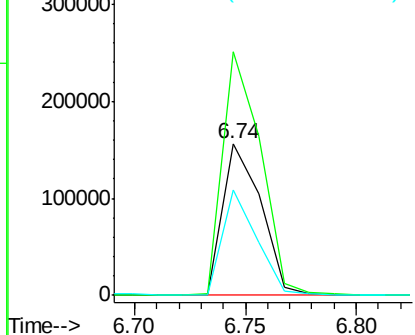
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.74 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF093515.D
 Acq: 10 Mar 2017 10:29

Instrument :
 BNA_F
 ClientSampleID :
 W-14

Tot Ion:152 Resp: 187635
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.9 187.3
 115 69.2 46.0 69.0#



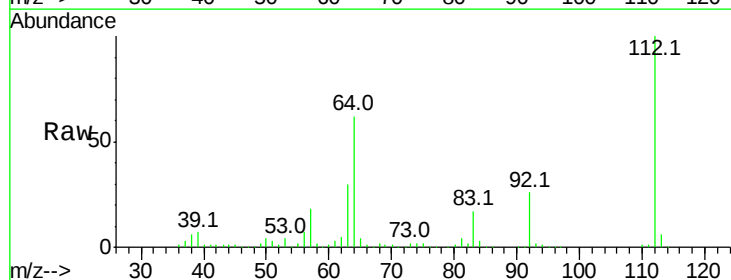
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



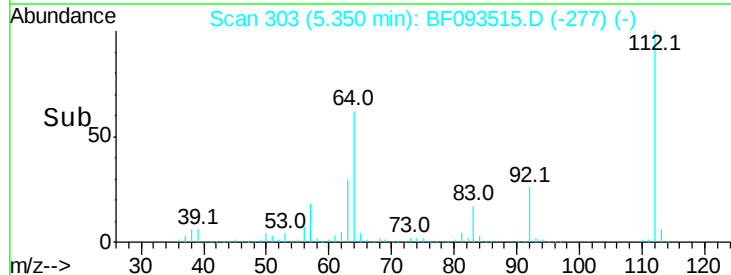
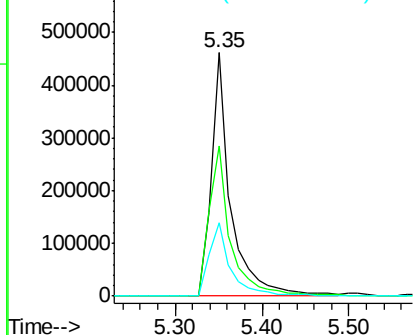
#5

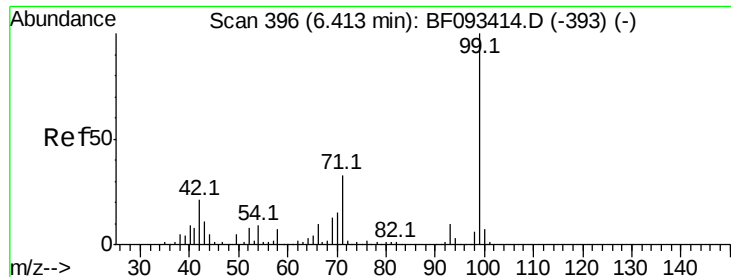
2-Fluorophenol
 Concen: 64.09 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093515.D
 Acq: 10 Mar 2017 10:29

Tgt Ion:112 Resp: 722584
 Ion Ratio Lower Upper
 112 100
 64 61.9 46.1 69.1
 63 30.3 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: 47.01 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

Instrument :

BNA_F

ClientSampleId :

W-14

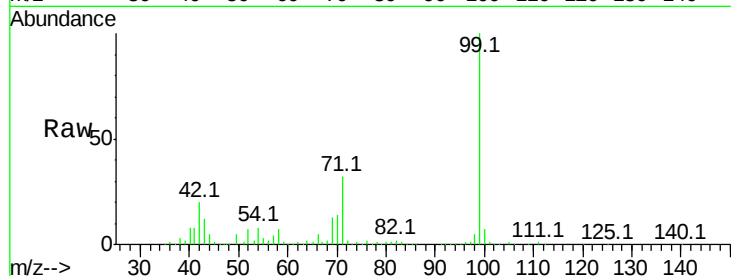
Tot Ion: 99 Resp: 668327

Ion Ratio Lower Upper

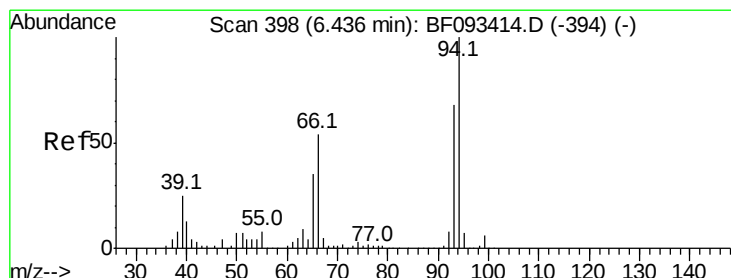
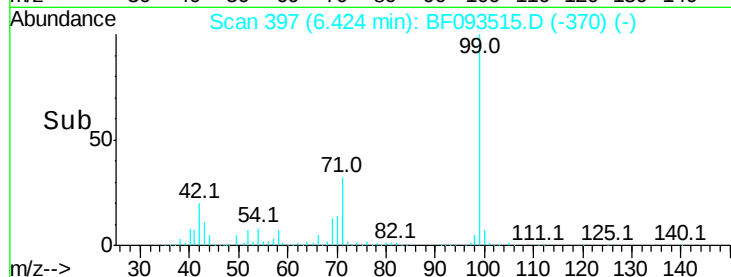
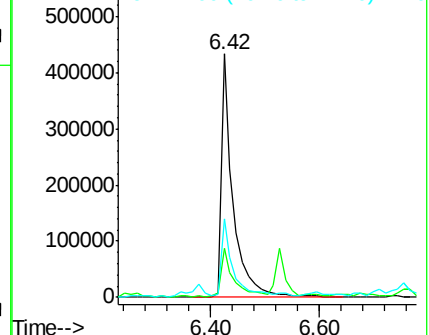
99 100

42 20.4 15.6 23.4

71 32.3 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: 2.04 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

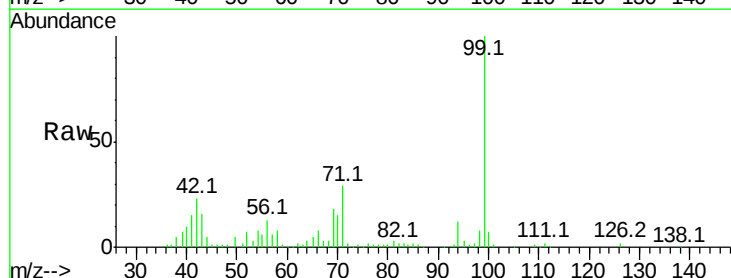
Tgt Ion: 94 Resp: 35564

Ion Ratio Lower Upper

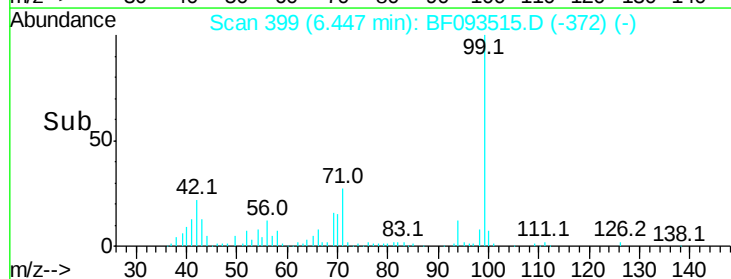
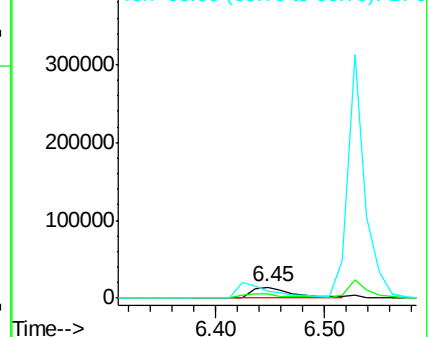
94 100

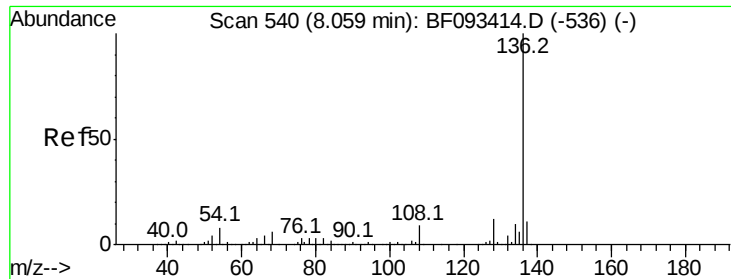
65 39.6 21.4 61.4

66 70.1 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: BF093515.D

Acq: 10 Mar 2017 10:29

Instrument :

BNA_F

ClientSampleId :

W-14

Tot Ion:136 Resp: 684355

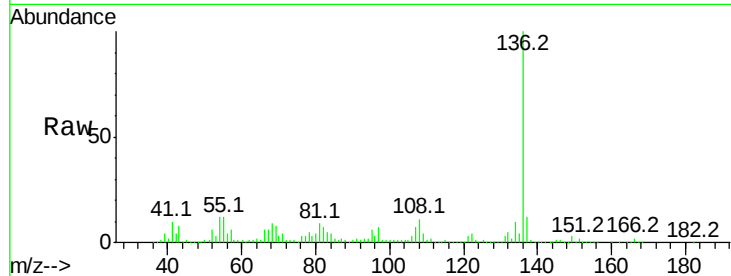
Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

54 12.1 4.5 6.7#

68 9.2 3.6 5.4#

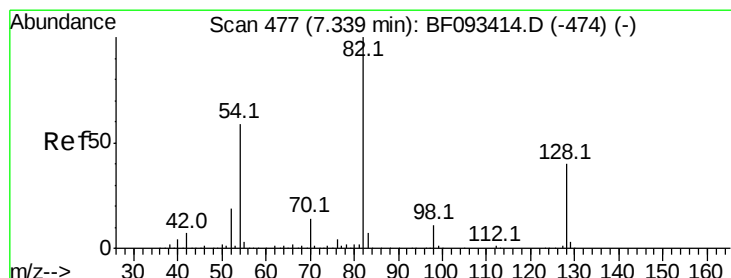
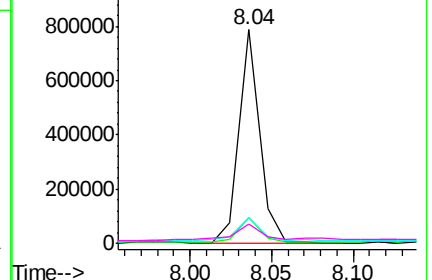
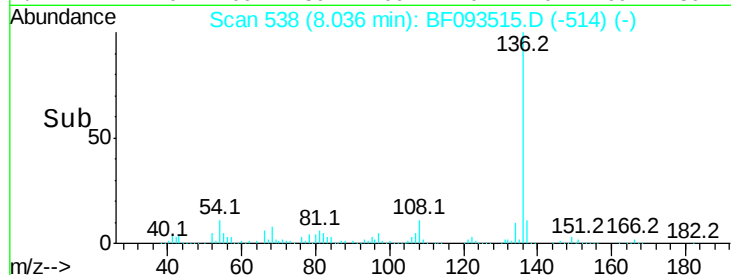


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.90 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

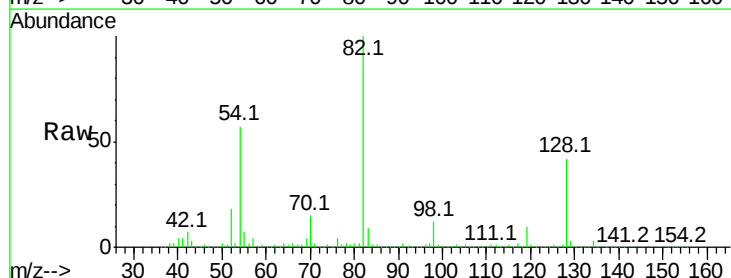
Tgt Ion: 82 Resp: 1182842

Ion Ratio Lower Upper

82 100

128 42.2 34.6 52.0

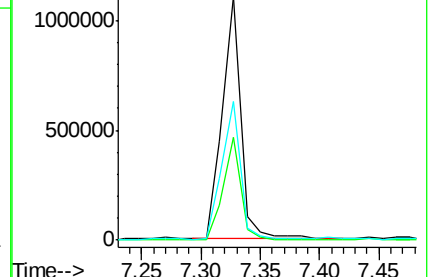
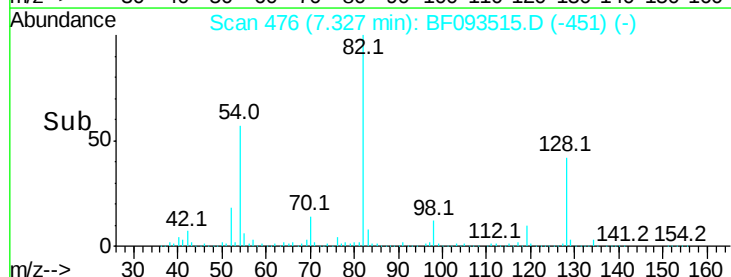
54 56.7 39.5 59.3

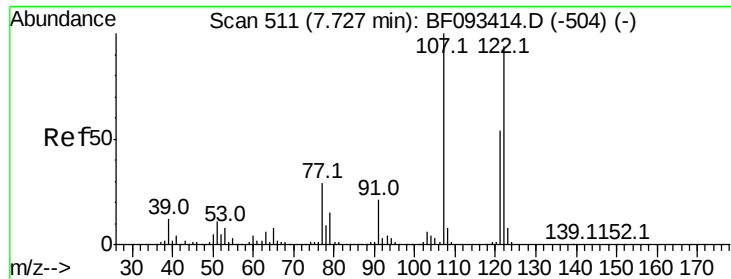


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

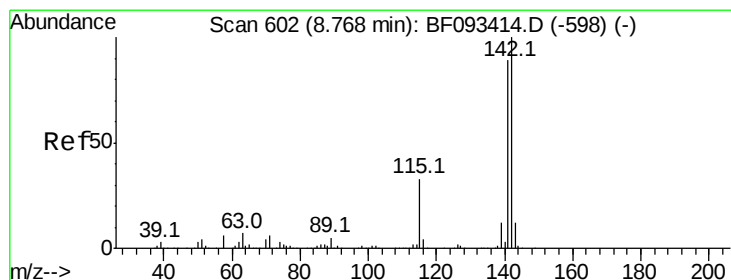
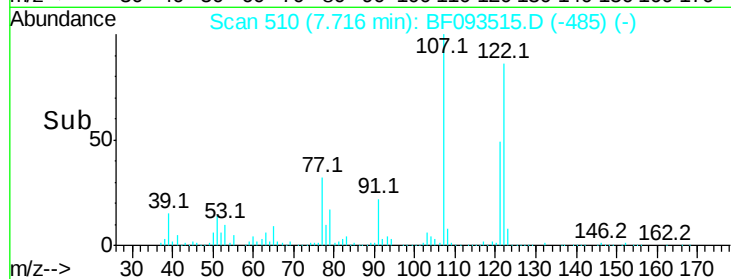
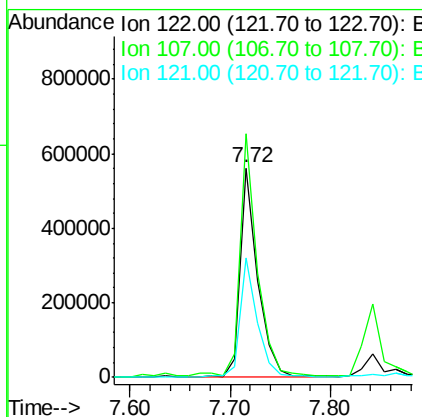
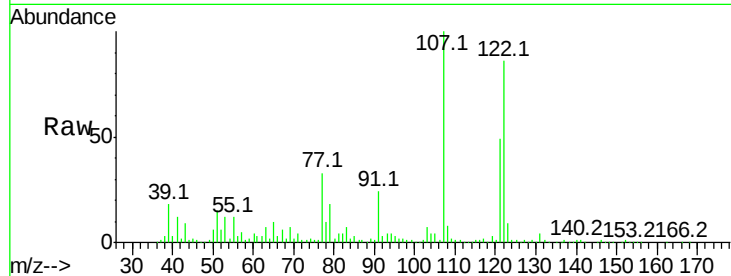




#27
2,4-Dimethylphenol
Concen: 65.08 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093515.D
Acq: 10 Mar 2017 10:29

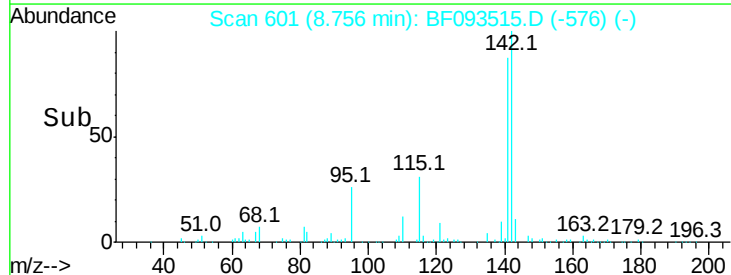
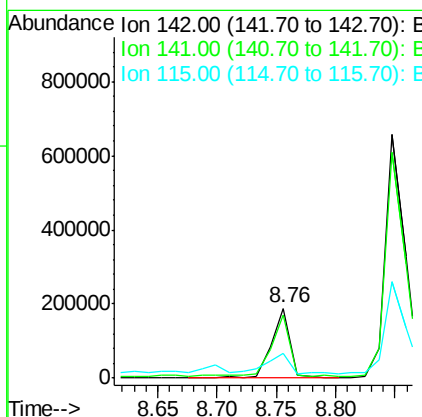
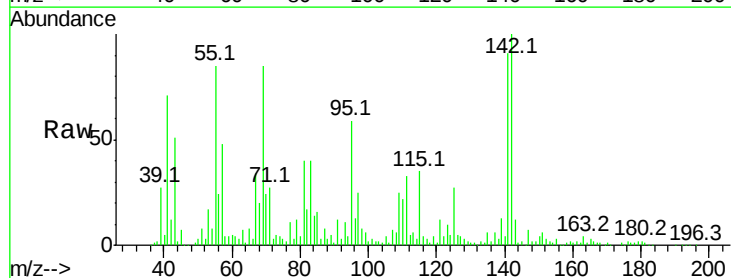
Instrument :
BNA_F
ClientSampled :
W-14

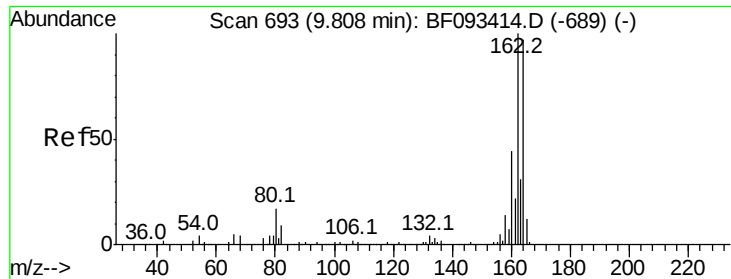
Tot Ion:122 Resp: 669599
Ion Ratio Lower Upper
122 100
107 116.2 94.1 141.1
121 57.3 46.0 69.0



#37
2-Methylnaphthalene
Concen: 8.91 ng
RT: 8.76 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF093515.D
Acq: 10 Mar 2017 10:29

Tgt Ion:142 Resp: 194342
Ion Ratio Lower Upper
142 100
141 90.5 71.0 106.6
115 35.0 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

Instrument :

BNA_F

ClientSampleId :

W-14

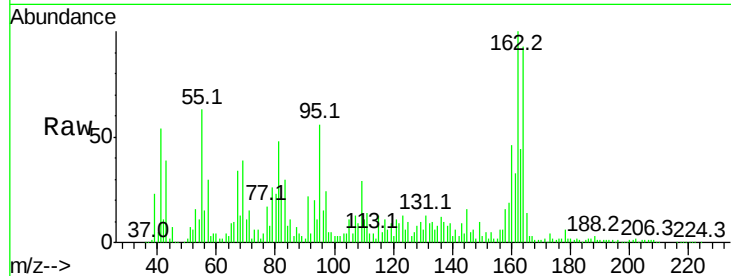
Tot Ion:164 Resp: 282371

Ion Ratio Lower Upper

164 100

162 107.1 80.2 120.2

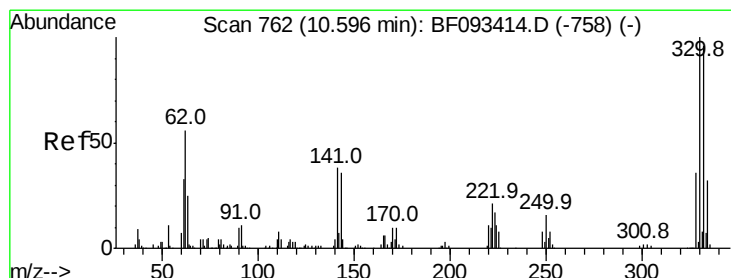
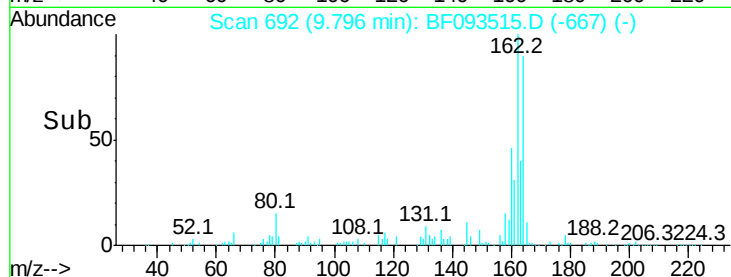
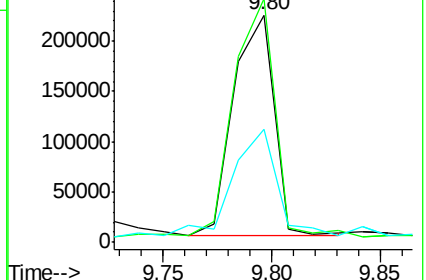
160 49.6 36.9 55.3



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: 165.05 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

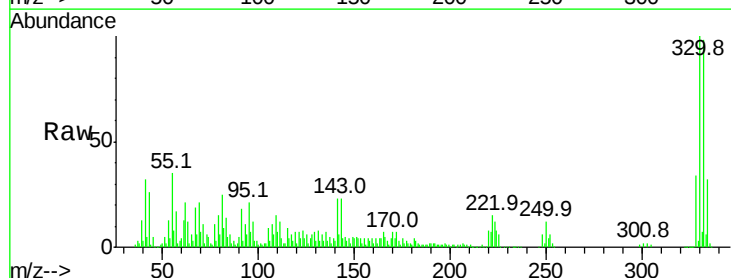
Tgt Ion:330 Resp: 303645

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

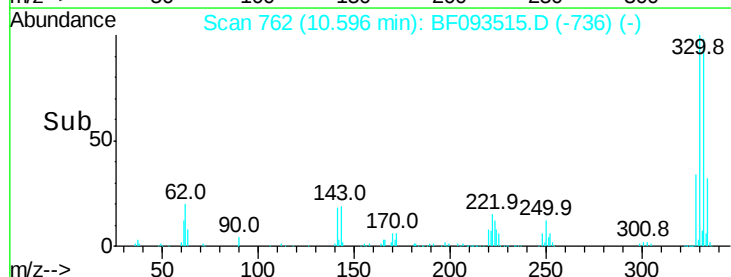
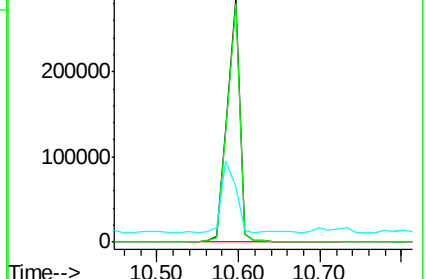
141 35.7 34.1 51.1

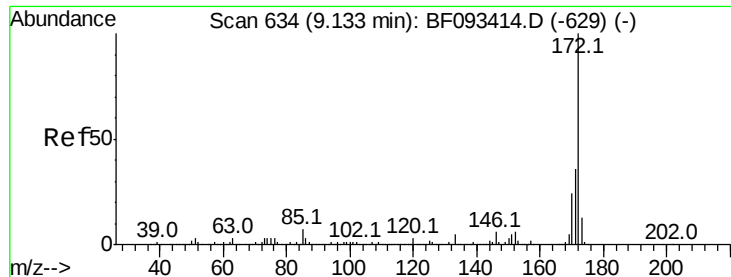


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 109.07 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

Instrument :

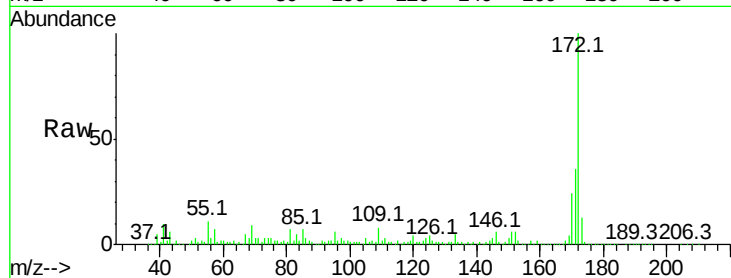
BNA_F

ClientSampleId :

W-14

Tot Ion:172 Resp: 1655827

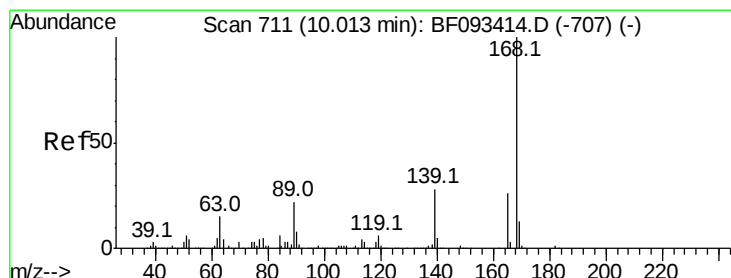
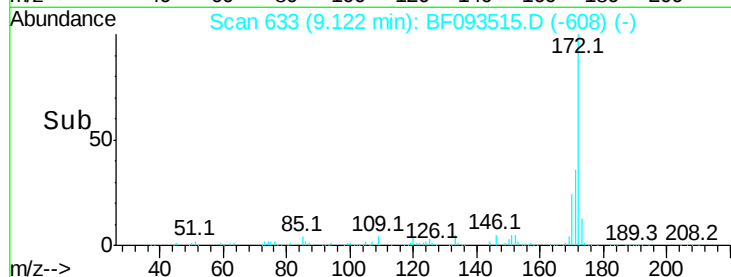
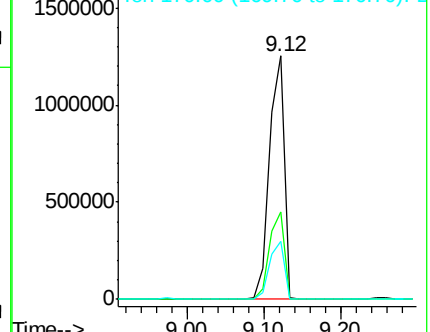
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	20.2	30.4



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



#54

Dibenzofuran

Concen: 3.89 ng

RT: 10.00 min Scan# 710

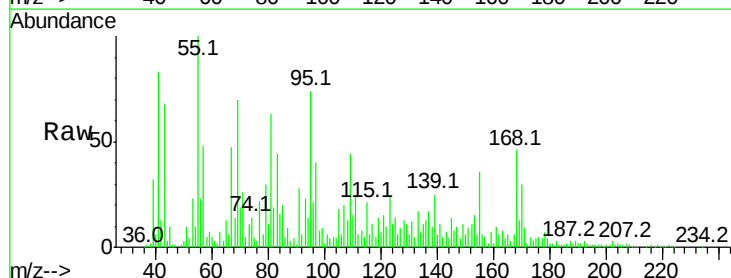
Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

Tgt Ion:168 Resp: 74767

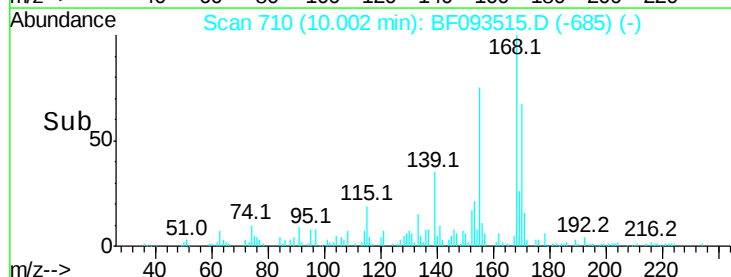
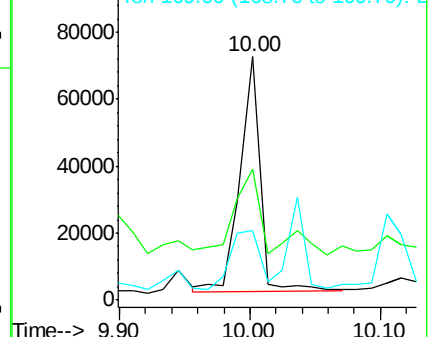
Ion	Ratio	Lower	Upper
168	100		
139	53.6	32.6	49.0#
169	28.6	11.3	16.9#

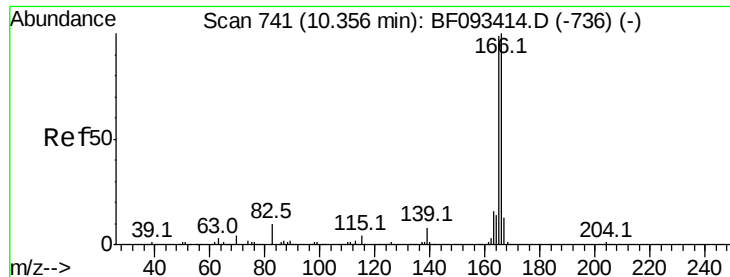


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 4.29 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

Instrument :

BNA_F

ClientSampleId :

W-14

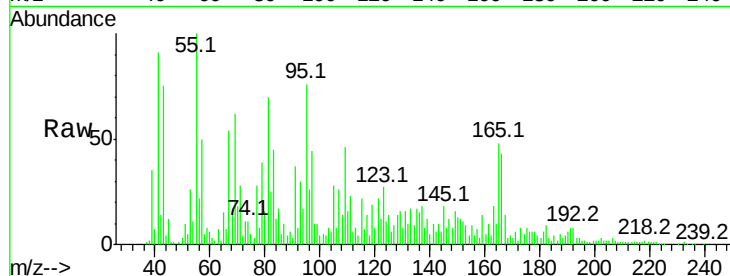
Tot Ion:166 Resp: 69940

Ion Ratio Lower Upper

166 100

165 109.7 77.8 116.8

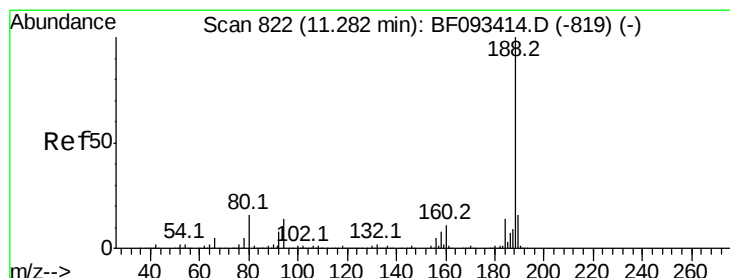
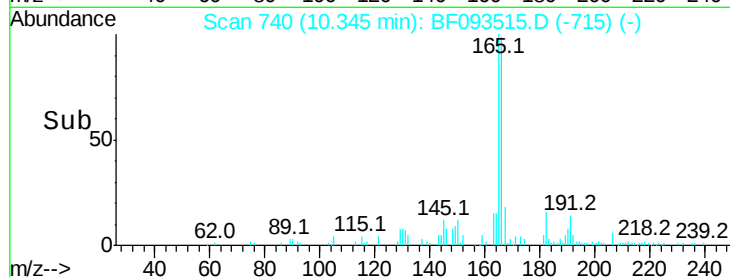
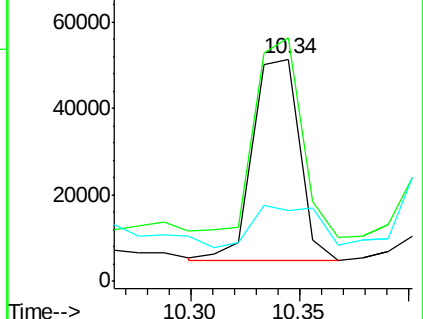
167 31.9 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

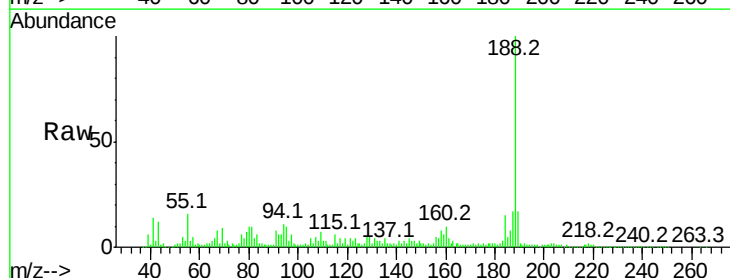
Tgt Ion:188 Resp: 493485

Ion Ratio Lower Upper

188 100

94 11.1 10.0 15.0

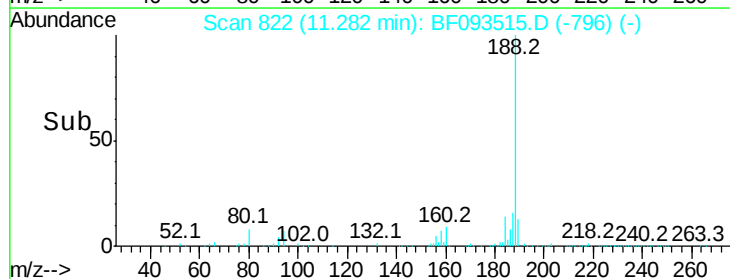
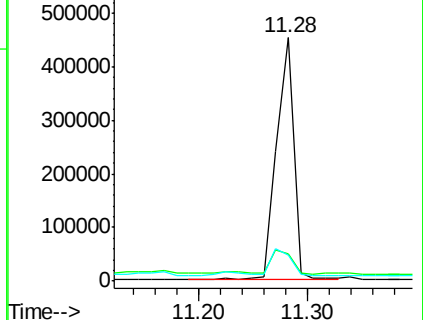
80 10.5 11.2 16.8#

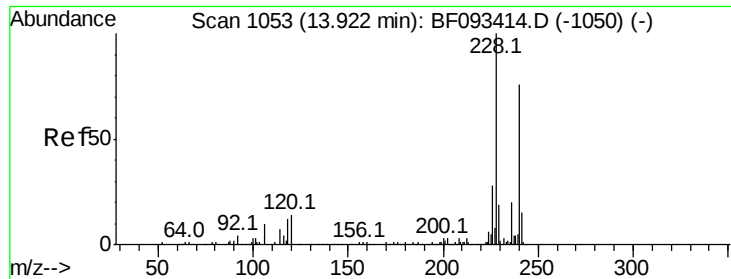


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

Instrument :

BNA_F

ClientSampleId :

W-14

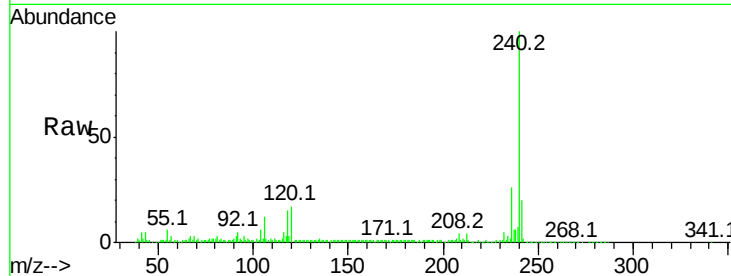
Tot Ion:240 Resp: 373997

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

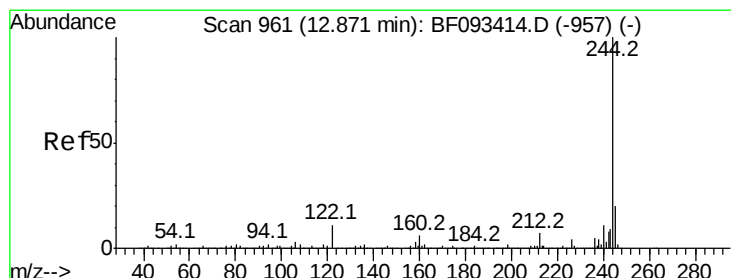
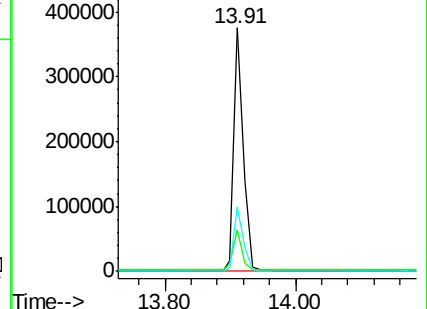
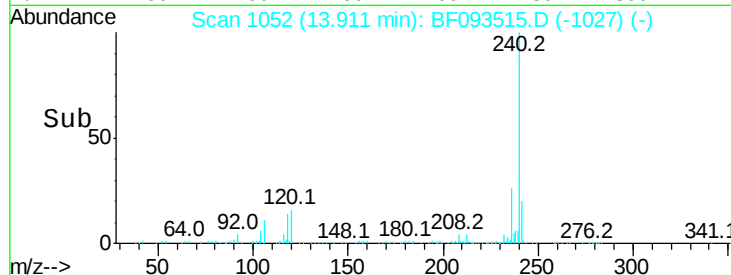
236 26.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 72.38 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093515.D

Acq: 10 Mar 2017 10:29

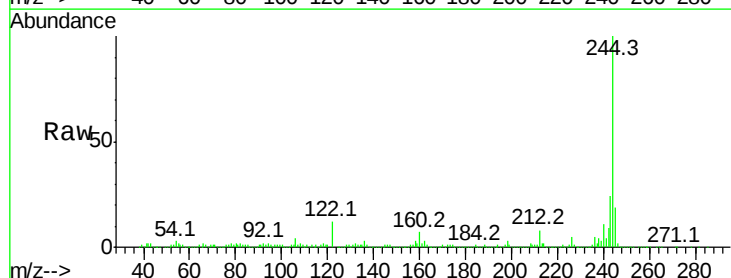
Tgt Ion:244 Resp: 1041163

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

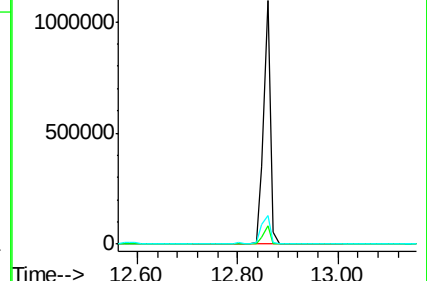
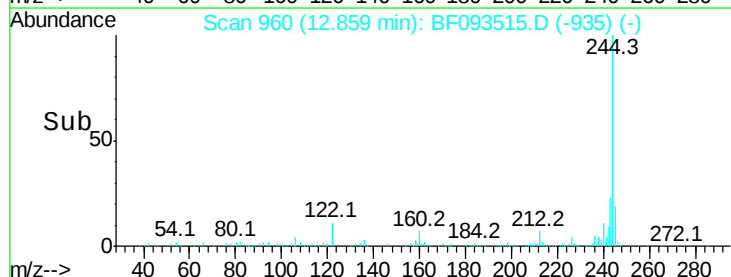
122 11.9 11.4 17.2

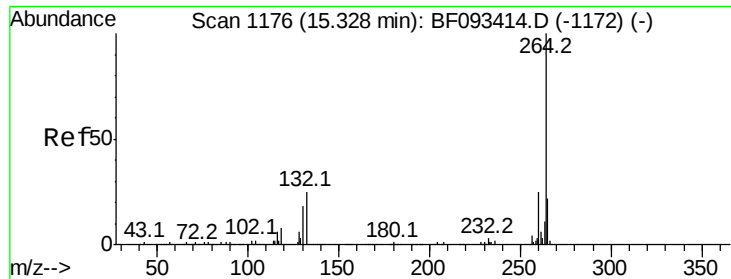


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



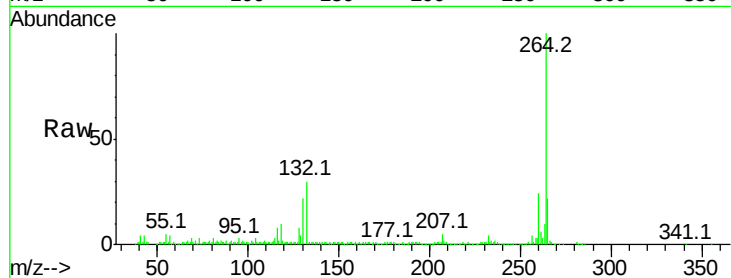


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093515.D
Acq: 10 Mar 2017 10:29

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion: 264 Resp: 373490

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	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

