

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093505.D
 Acq On : 10 Mar 2017 4:59
 Operator : SJ/MA
 Sample : I2176-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: Mar 10 06:06:15 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

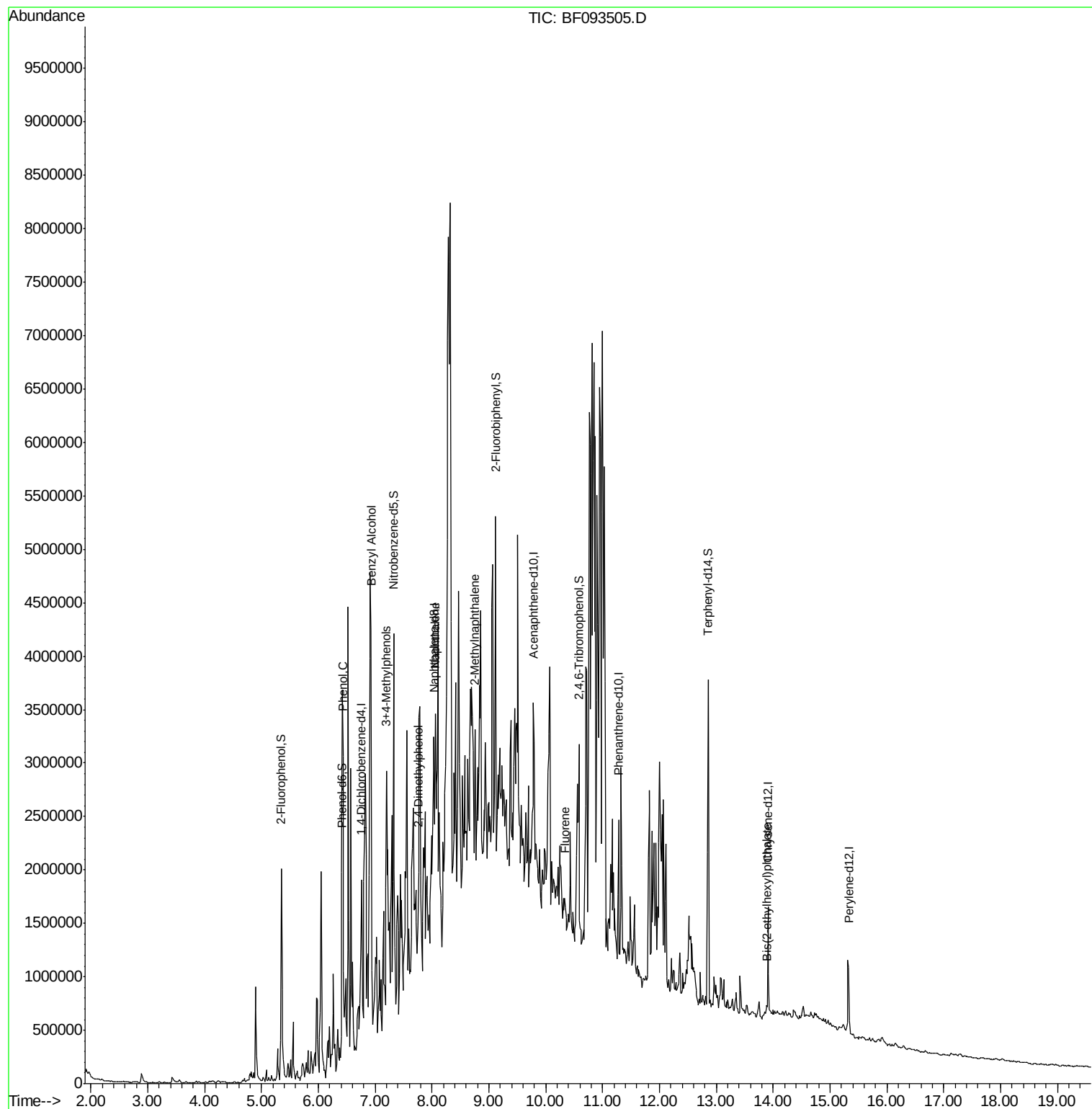
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	190991	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	690283	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	301167	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	511531	20.00	ng	0.00
75) Chrysene-d12	13.91	240	379955	20.00	ng	-0.01
86) Perylene-d12	15.33	264	373056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	770982	67.18	ng	0.00
7) Phenol-d6	6.41	99	899322	62.15	ng	0.00
23) Nitrobenzene-d5	7.33	82	1033358	83.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	252153	128.51	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	1754586	108.37	ng	-0.01
78) Terphenyl-d14	12.86	244	1096716	75.05	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.44	94	1191233	67.18	ng	# 72
15) Benzyl Alcohol	6.93	79	952150	92.30	ng	95
20) 3+4-Methylphenols	7.20	107	1318497	93.48	ng	# 64
27) 2,4-Dimethylphenol	7.76	122	109930	10.59	ng	92
31) Naphthalene	8.06	128	675674	19.53	ng	96
37) 2-Methylnaphthalene	8.76	142	442875	20.12	ng	99
57) Fluorene	10.33	166	38564	2.22	ng	# 81
83) Bis(2-ethylhexyl)phthalate	13.89	149	38126	2.35	ng	# 92

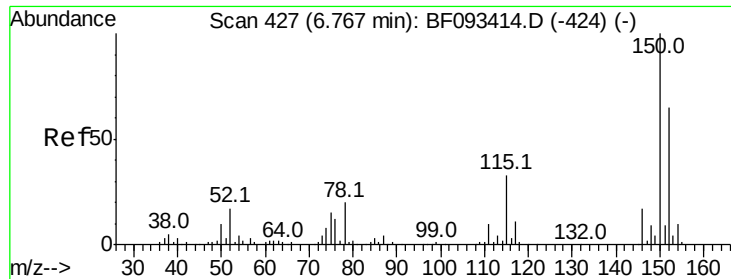
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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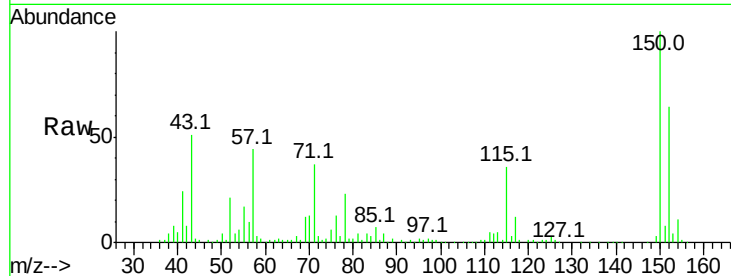


#1

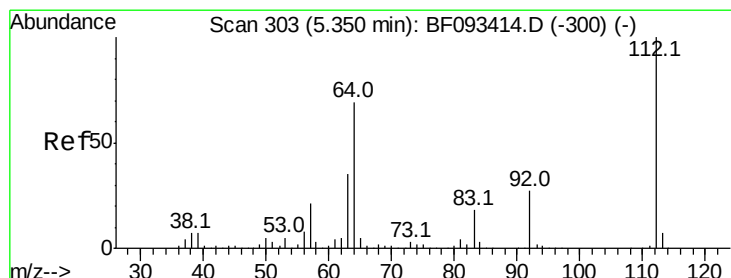
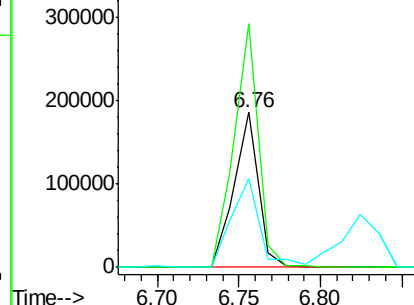
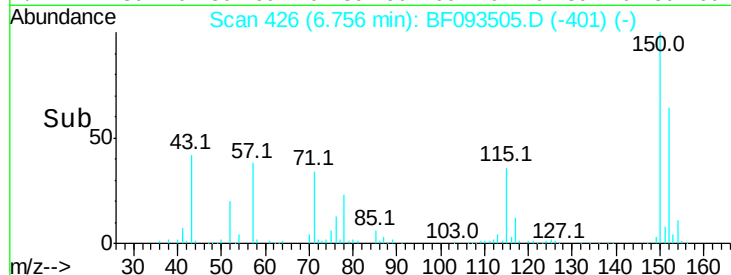
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF093505.D
 Acq: 10 Mar 2017 4:59

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.9	187.3
115	57.2	46.0	69.0



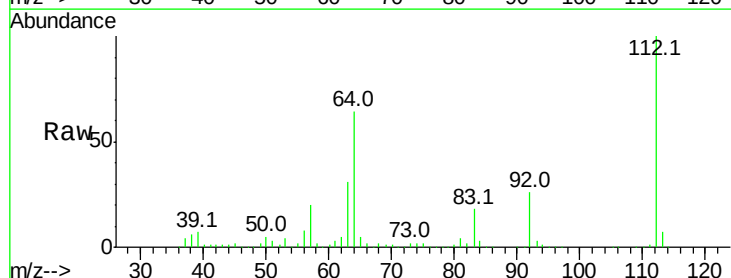
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



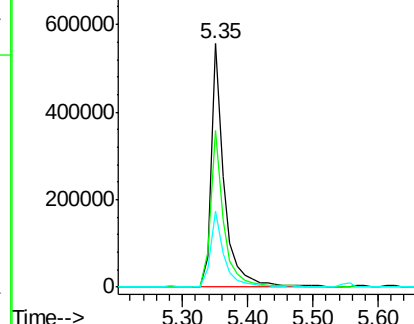
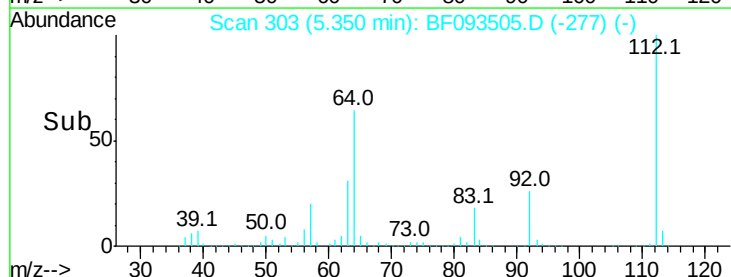
#5

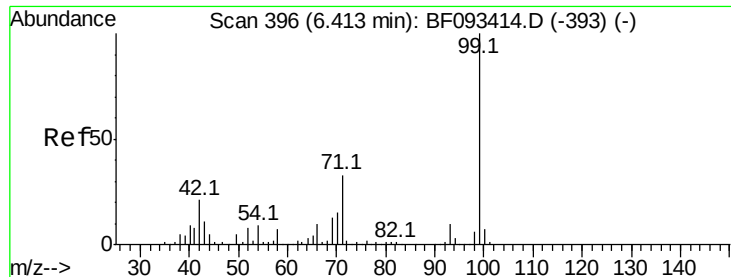
2-Fluorophenol
 Concen: 67.18 ng
 RT: 5.35 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: BF093505.D
 Acq: 10 Mar 2017 4:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	31.2	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: 62.15 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

Instrument :

BNA_F

ClientSampleId :

W-15

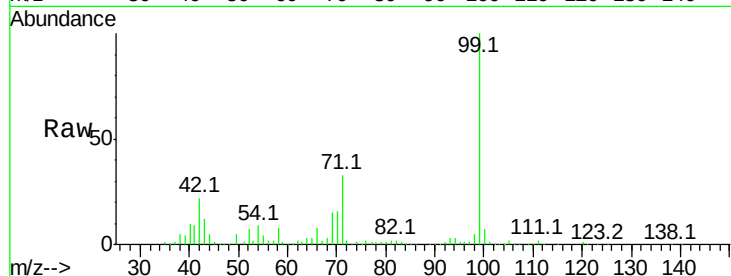
Tot Ion: 99 Resp: 899322

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

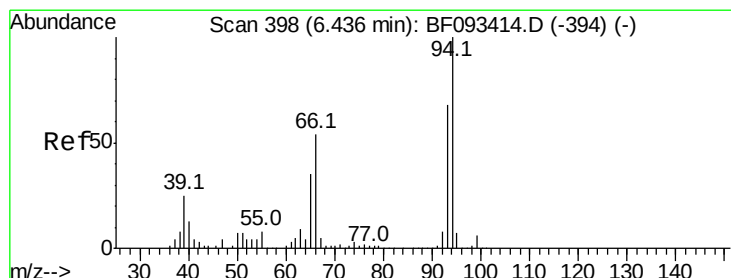
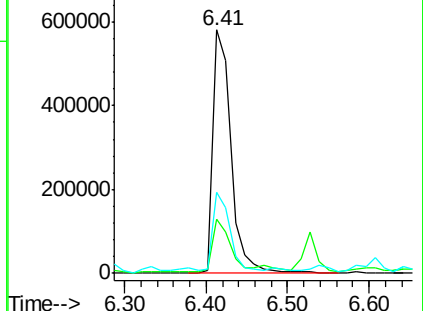
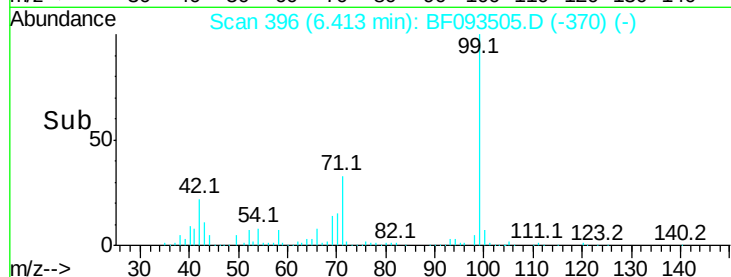
71 33.3 27.5 41.3



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: 67.18 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

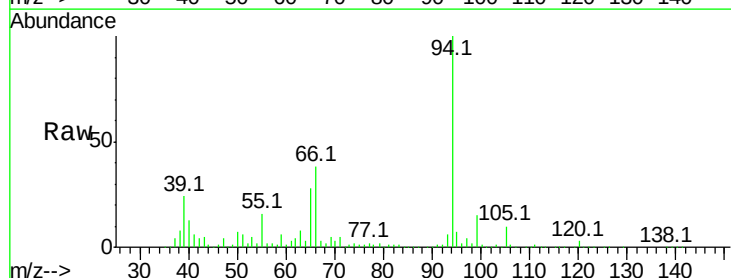
Tgt Ion: 94 Resp: 1191233

Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

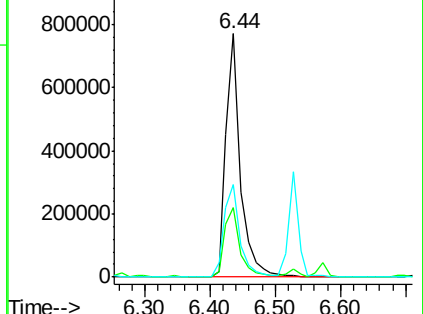
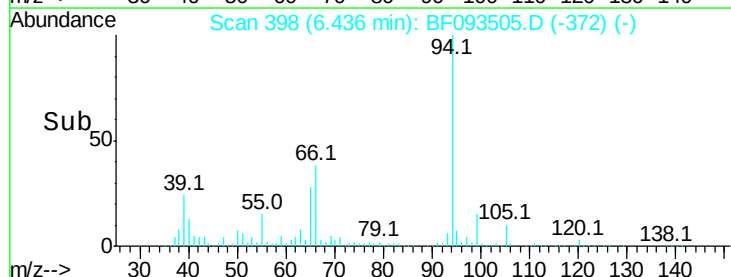
66 37.8 44.0 84.0#

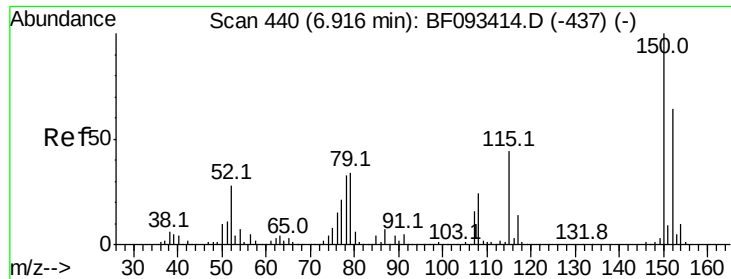


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

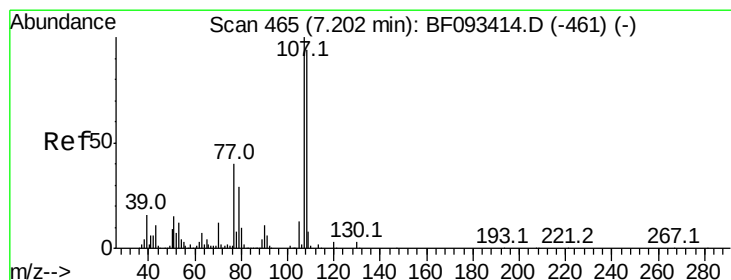
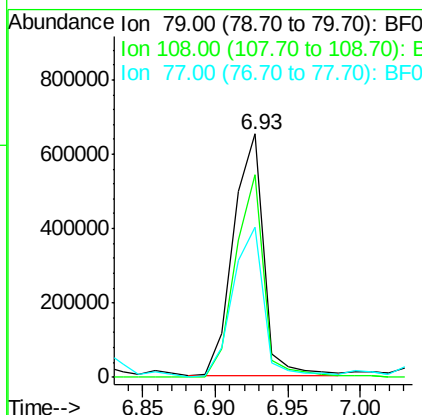
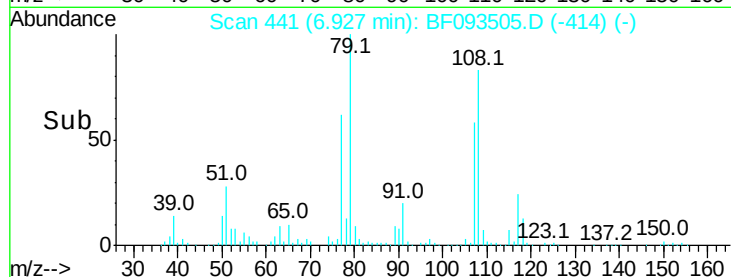
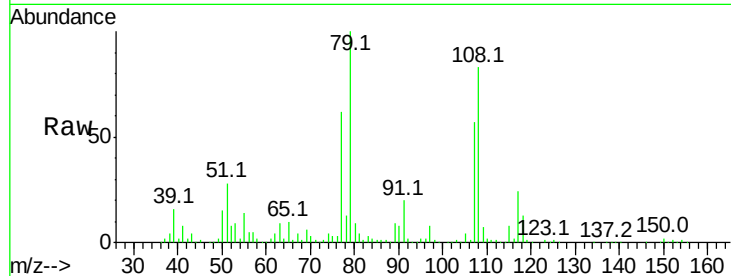




#15
Benzyl Alcohol
Concen: 92.30 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093505.D
Acq: 10 Mar 2017 4:59

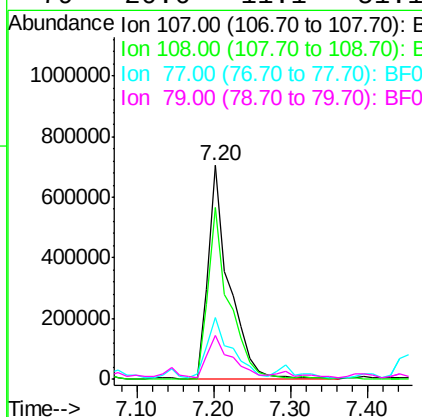
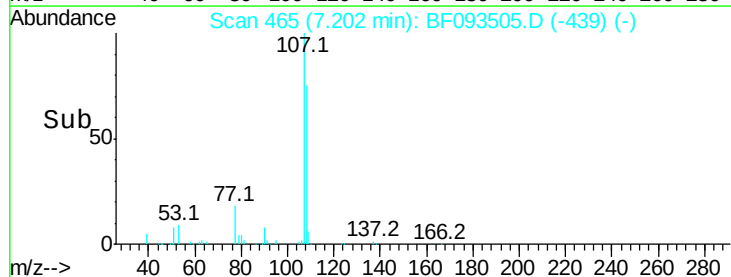
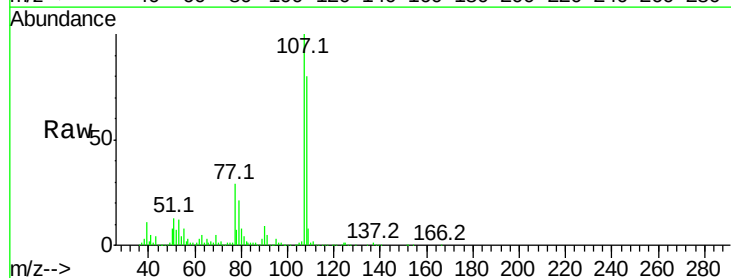
Instrument :
BNA_F
ClientSampleId :
W-15

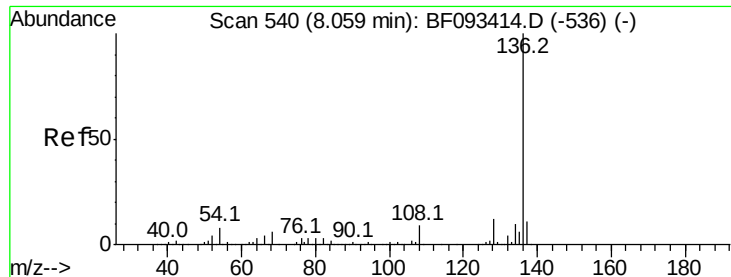
Tot Ion: 79 Resp: 952150
Ion Ratio Lower Upper
79 100
108 83.1 61.4 92.0
77 61.7 50.9 76.3



#20
3+4-Methylphenols
Concen: 93.48 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093505.D
Acq: 10 Mar 2017 4:59

Tgt Ion: 107 Resp: 1318497
Ion Ratio Lower Upper
107 100
108 80.3 73.0 113.0
77 28.6 71.3 111.3#
79 20.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

Instrument :

BNA_F

ClientSampleId :

W-15

Tot Ion:136 Resp: 690283

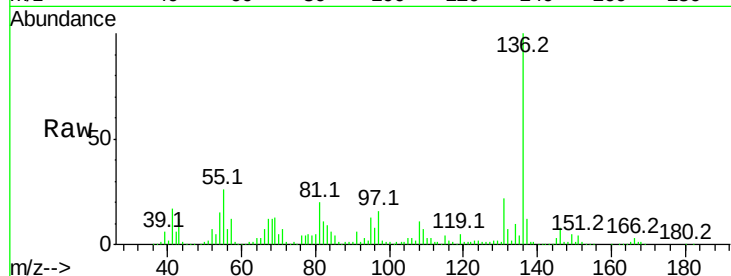
Ion Ratio Lower Upper

136 100

137 12.0 8.4 12.6

54 15.2 4.5 6.7#

68 11.9 3.6 5.4#

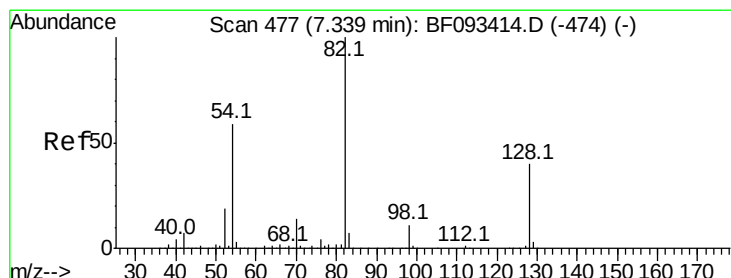
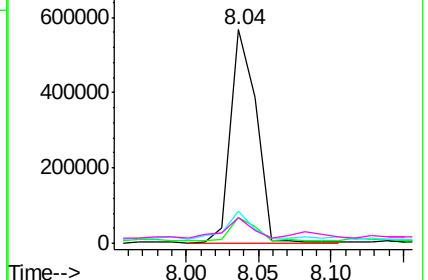
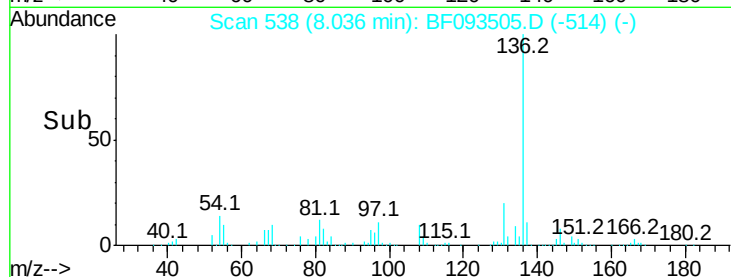


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.06 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

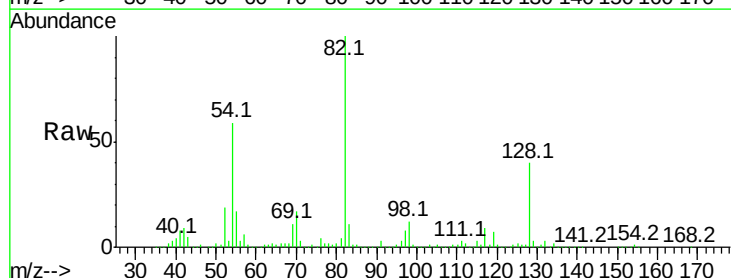
Tgt Ion: 82 Resp: 1033358

Ion Ratio Lower Upper

82 100

128 40.2 34.6 52.0

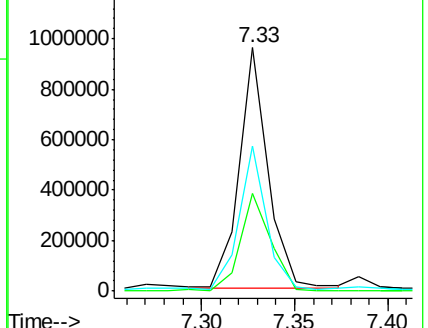
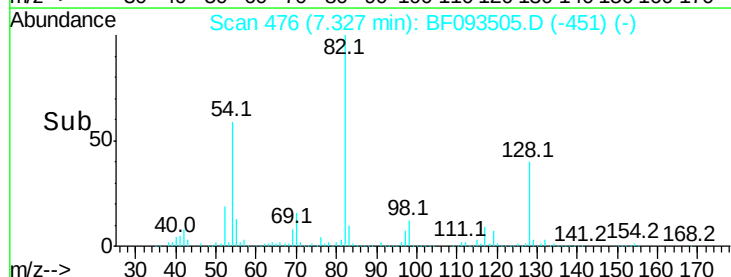
54 59.4 39.5 59.3#

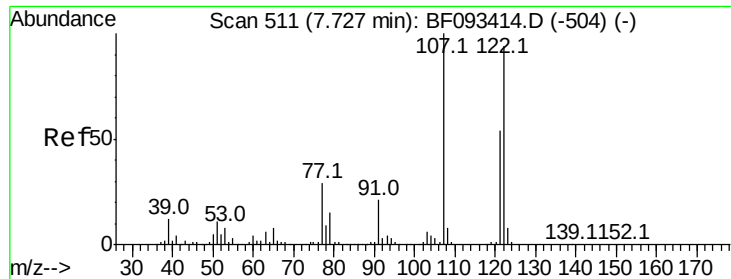


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

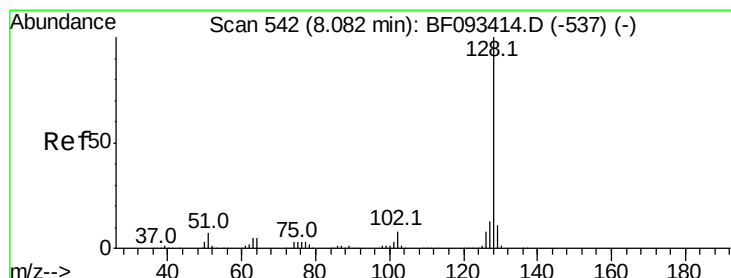
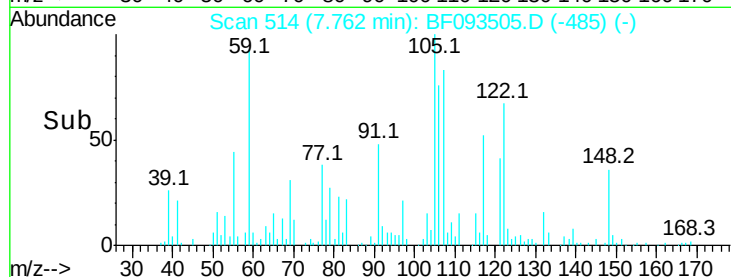
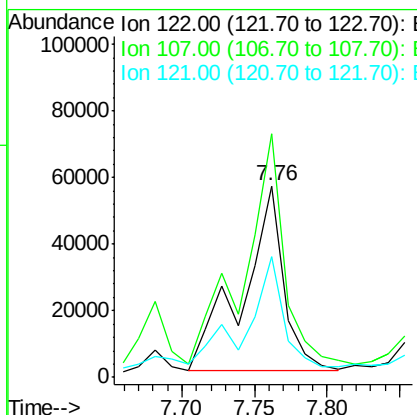
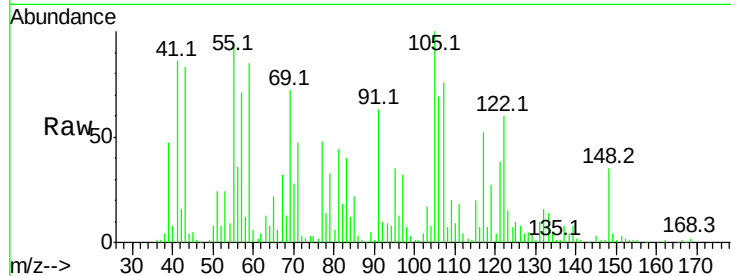




#27
 2,4-Dimethylphenol
 Concen: 10.59 ng
 RT: 7.76 min Scan# 514
 Delta R.T. 0.03 min
 Lab File: BF093505.D
 Acq: 10 Mar 2017 4:59

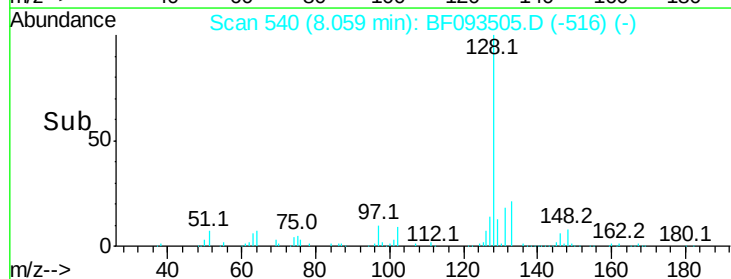
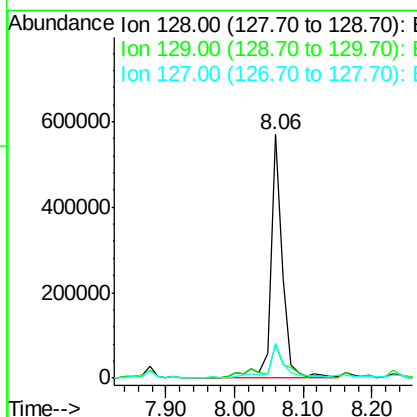
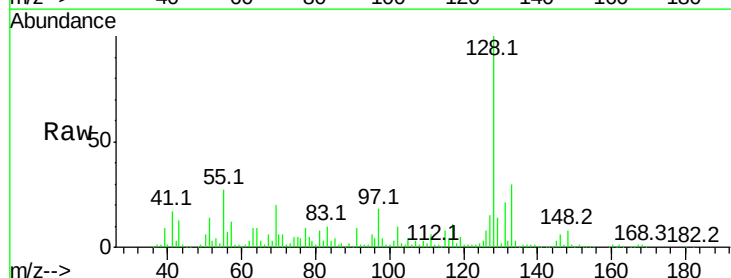
Instrument :
 BNA_F
 ClientSampled :
 W-15

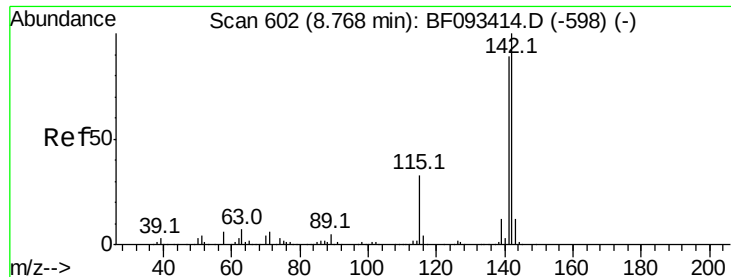
Tot Ion:122 Resp: 109930
 Ion Ratio Lower Upper
 122 100
 107 127.4 94.1 141.1
 121 63.0 46.0 69.0



#31
 Naphthalene
 Concen: 19.53 ng
 RT: 8.06 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF093505.D
 Acq: 10 Mar 2017 4:59

Tgt Ion:128 Resp: 675674
 Ion Ratio Lower Upper
 128 100
 129 13.9 9.5 14.3
 127 14.5 10.8 16.2

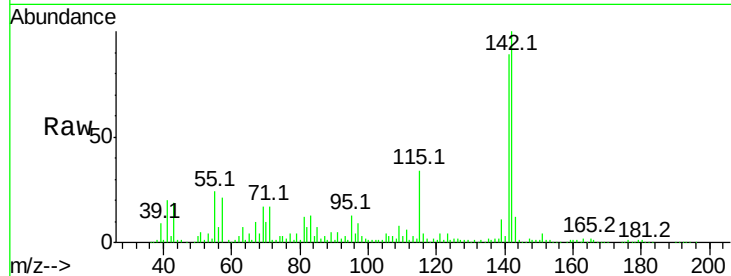




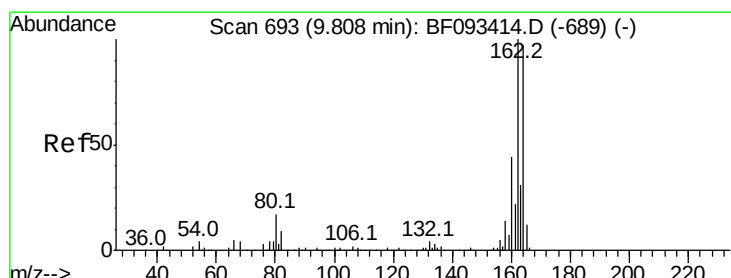
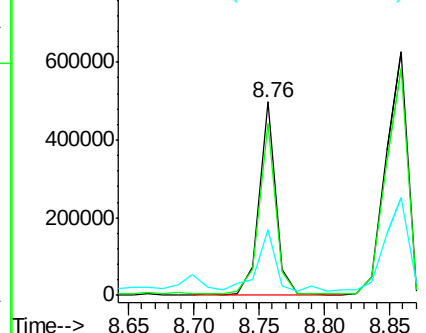
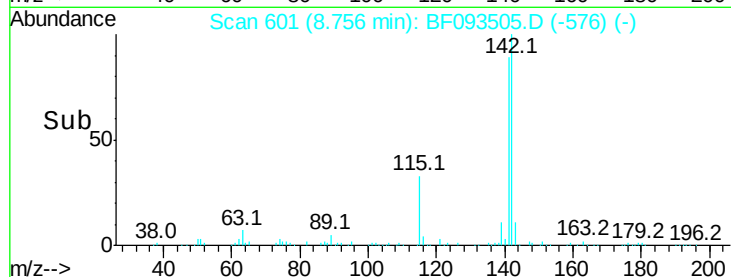
#37
2-Methylnaphthalene
Concen: 20.12 ng
RT: 8.76 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF093505.D
Acq: 10 Mar 2017 4:59

Instrument :
BNA_F
ClientSampleId :
W-15

Tot Ion:142 Resp: 442875
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 33.8 28.3 42.5

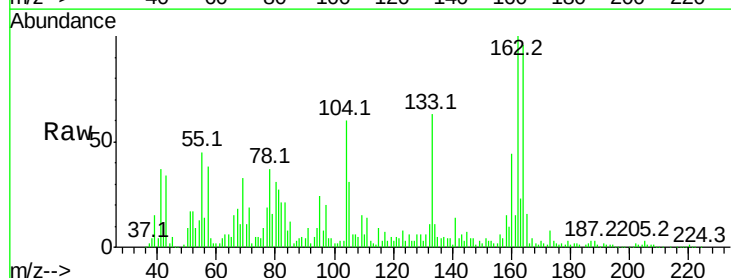


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

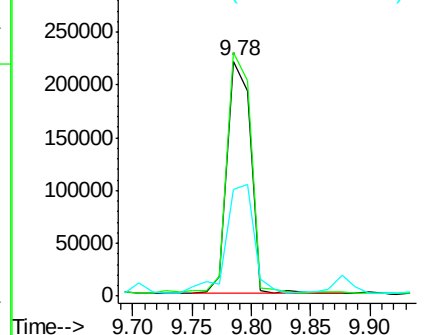
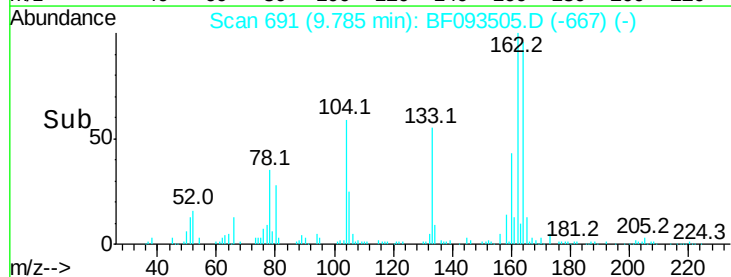


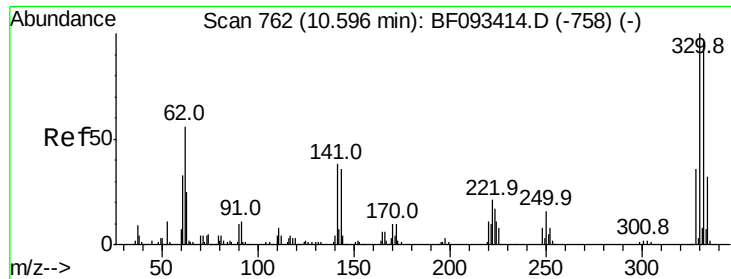
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093505.D
Acq: 10 Mar 2017 4:59

Tgt Ion:164 Resp: 301167
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 45.2 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

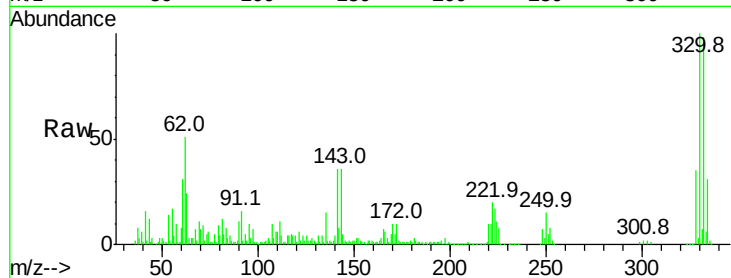




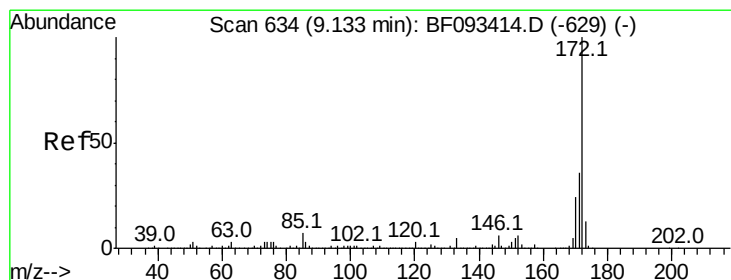
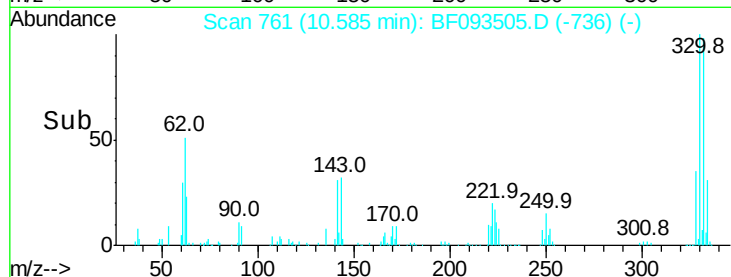
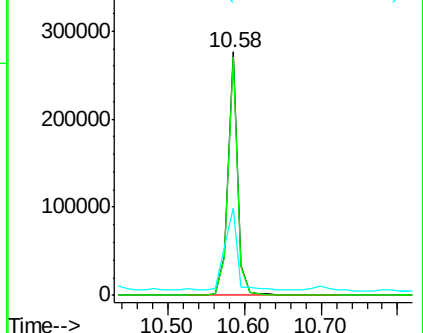
#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093505.D
 Acq: 10 Mar 2017 4:59

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	42.0	34.1	51.1

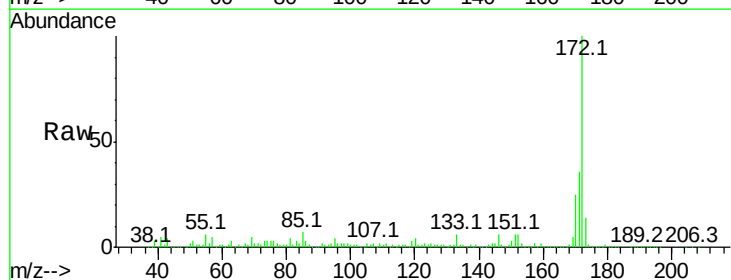


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

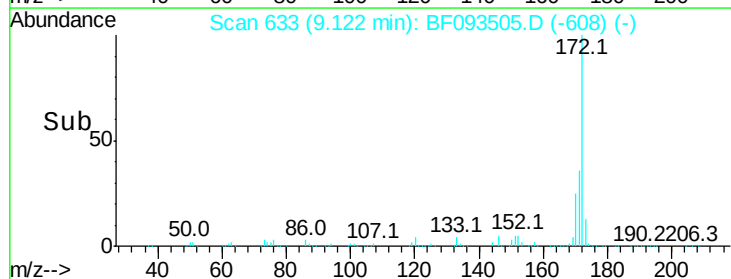
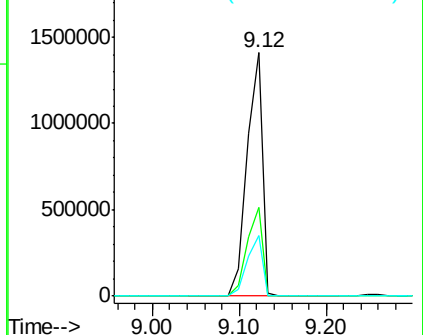


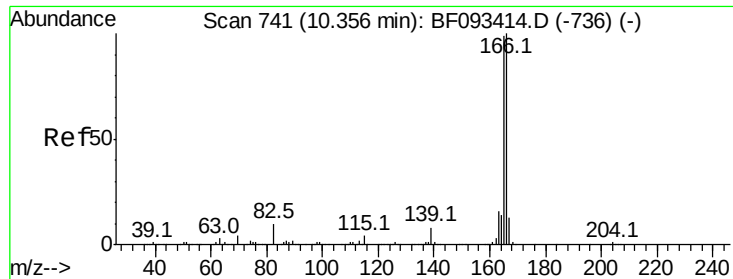
#44
 2-Fluorobiphenyl
 Concen: 108.37 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093505.D
 Acq: 10 Mar 2017 4:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	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





#57

Fluorene

Concen: 2.22 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

Instrument :

BNA_F

ClientSampleId :

W-15

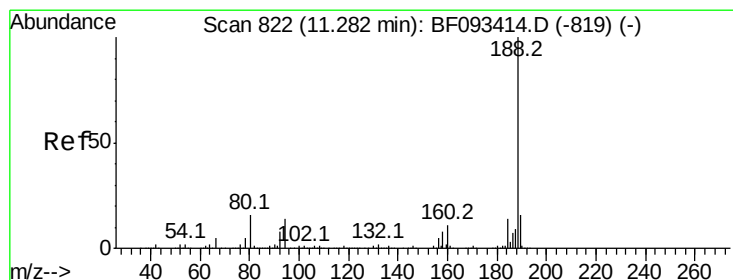
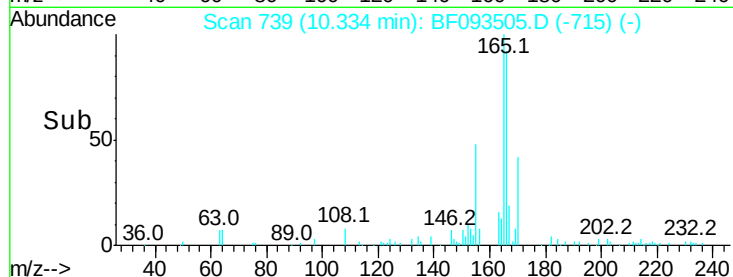
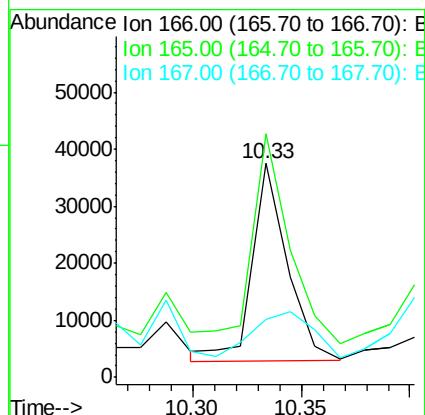
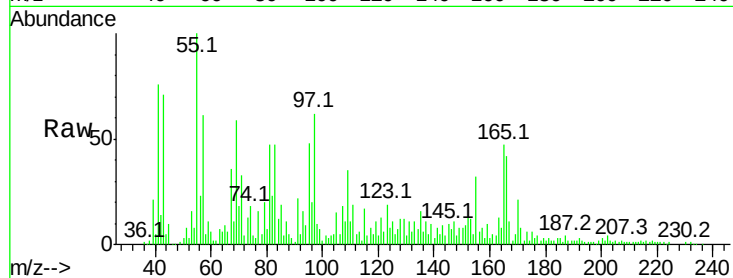
Tot Ion:166 Resp: 38564

Ion Ratio Lower Upper

166 100

165 113.7 77.8 116.8

167 26.9 10.8 16.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

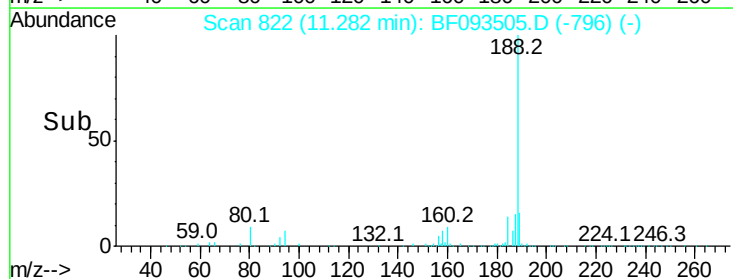
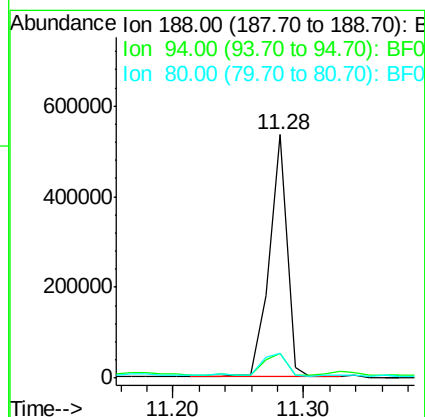
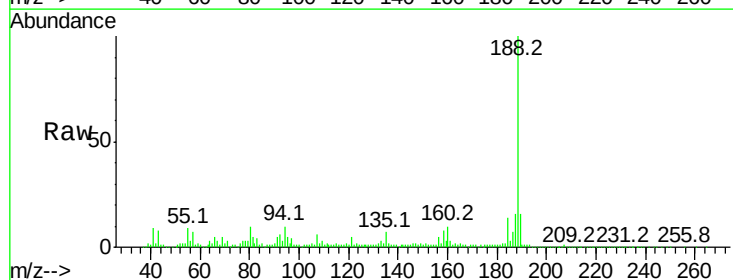
Tgt Ion:188 Resp: 511531

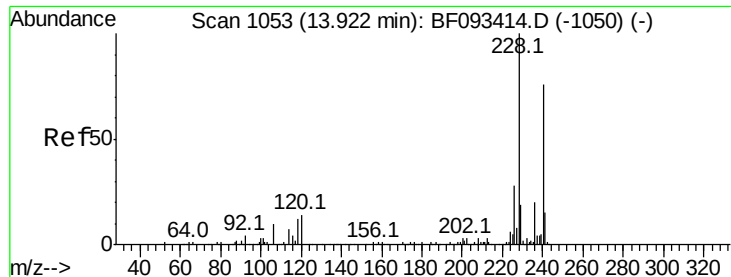
Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

80 10.4 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

Instrument :

BNA_F

ClientSampleId :

W-15

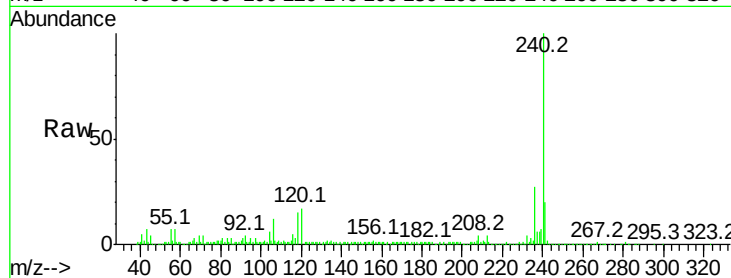
Tot Ion:240 Resp: 379955

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

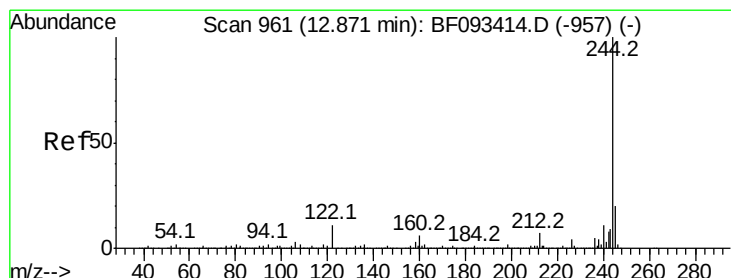
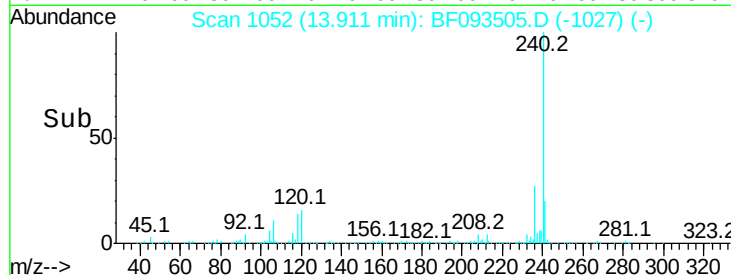
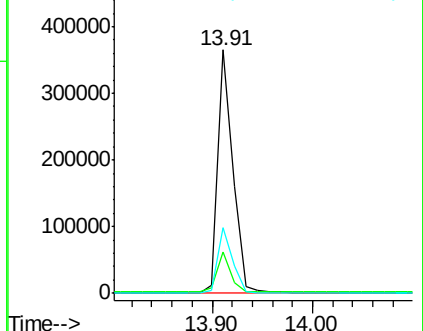
236 26.7 20.9 31.3



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: 75.05 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

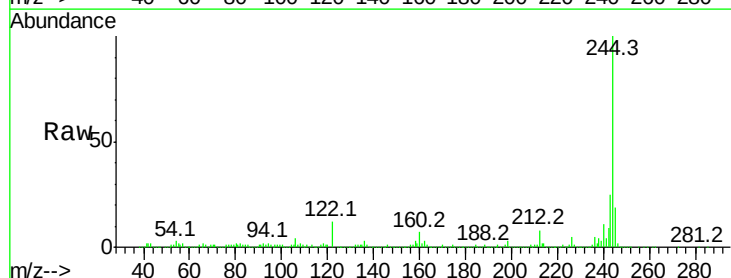
Tgt Ion:244 Resp: 1096716

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

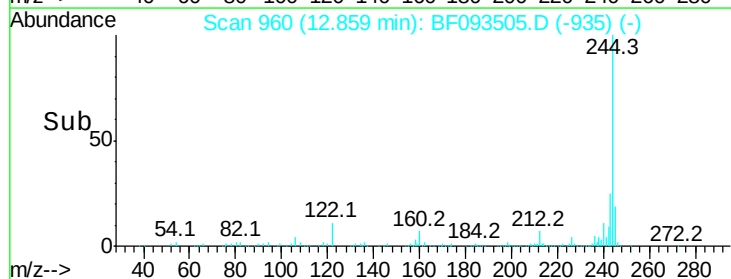
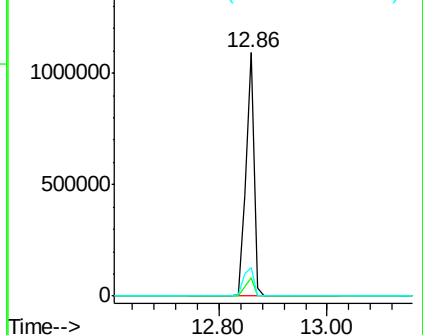
122 11.6 11.4 17.2

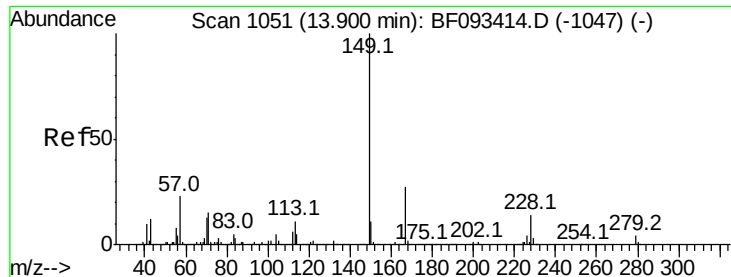


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.35 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

Instrument :

BNA_F

ClientSampleId :

W-15

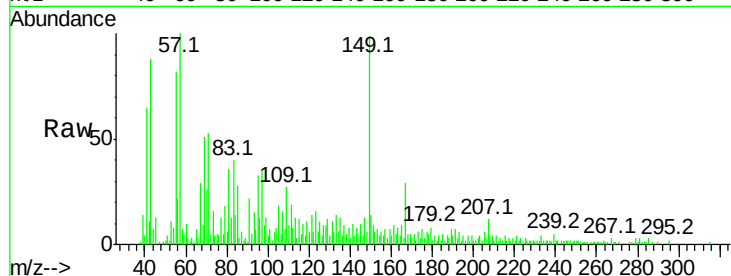
Tot Ion:149 Resp: 38126

Ion Ratio Lower Upper

149 100

167 29.5 20.2 30.4

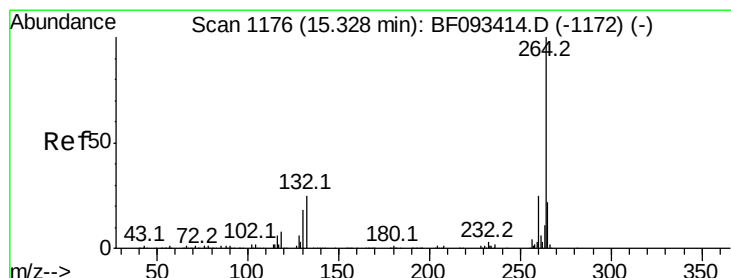
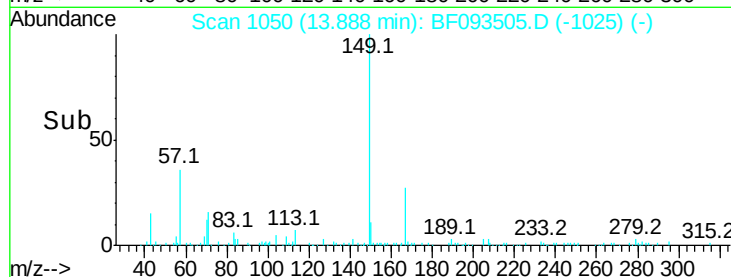
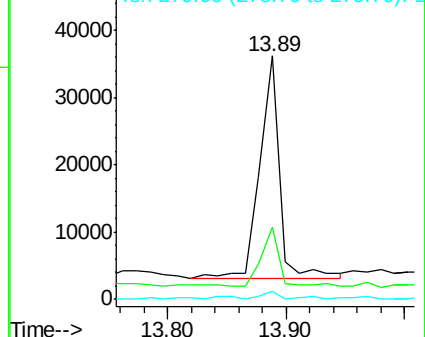
279 3.5 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF093505.D

Acq: 10 Mar 2017 4:59

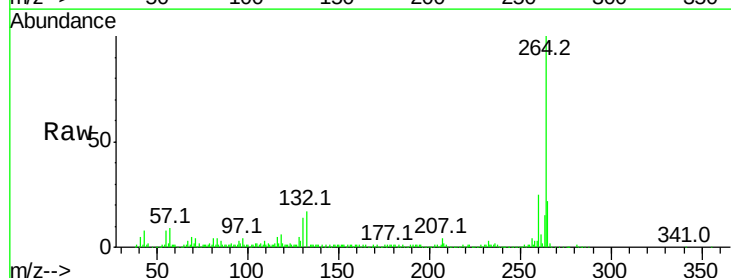
Tgt Ion:264 Resp: 373056

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.6 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

