

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093670.D
 Acq On : 15 Mar 2017 16:19
 Operator : SJ/MA
 Sample : I2264-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSW

Quant Time: Mar 16 01:40:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

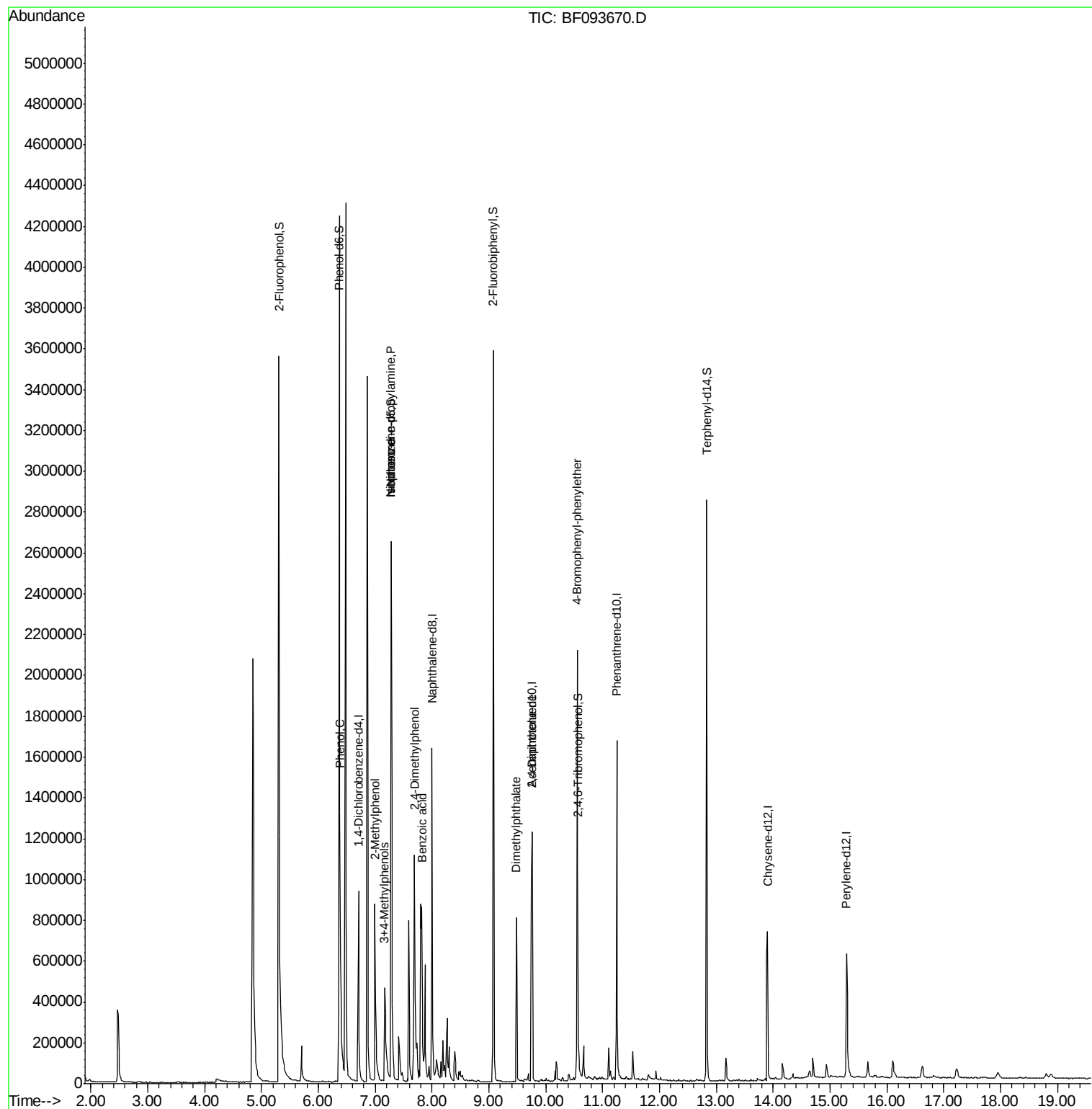
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	178843	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	719982	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	333561	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	609348	20.00	ng	0.00
75) Chrysene-d12	13.90	240	382816	20.00	ng	0.01
86) Perylene-d12	15.29	264	306942	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1358041	126.38	ng	-0.01
7) Phenol-d6	6.37	99	1675746	123.67	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1066864	82.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	275461	126.75	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1455837	81.18	ng	-0.01
78) Terphenyl-d14	12.84	244	1126966	76.54	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	3636	Below Cal		Qvalue
10) Phenol	6.38	94	145699	8.77	ng	# 19
17) 2-Methylphenol	7.00	107	217853	21.39	ng	# 89
19) n-Nitroso-di-n-propylamine	7.28	70	144201	15.48	ng	# 97
20) 3+4-Methylphenols	7.17	107	220082	16.66	ng	# 86
25) Isophorone	7.28	82	1054280	40.29	ng	# 74
27) 2,4-Dimethylphenol	7.69	122	349739	32.31	ng	# 65
32) Benzoic acid	7.82	122	355323	63.17	ng	# 92
49) Dimethylphthalate	9.49	163	329774	14.91	ng	# 14
56) 2,4-Dinitrotoluene	9.76	165	41994	7.04	ng	# 100
66) 4-Bromophenyl-phenylether	10.55	248	20562	3.19	ng	# 21
						# 1

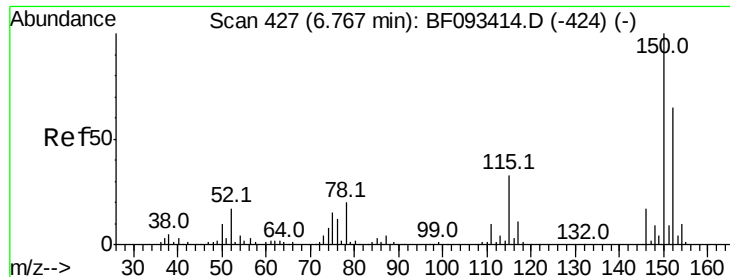
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093670.D
Acq On : 15 Mar 2017 16:19
Operator : SJ/MA
Sample : I2264-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

Quant Time: Mar 16 01:40:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration



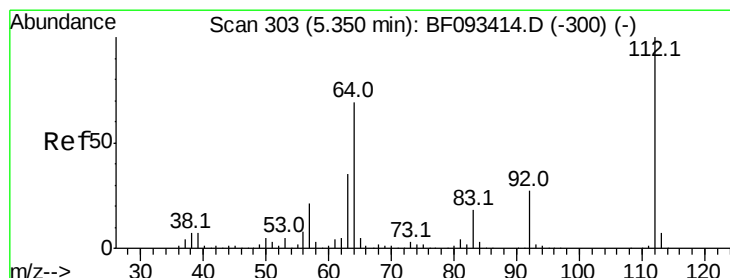
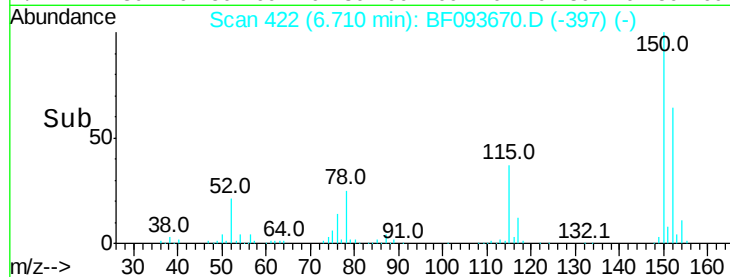
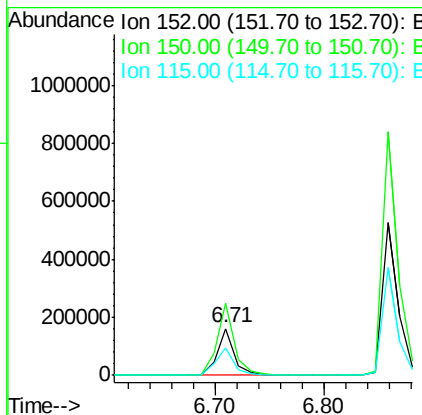
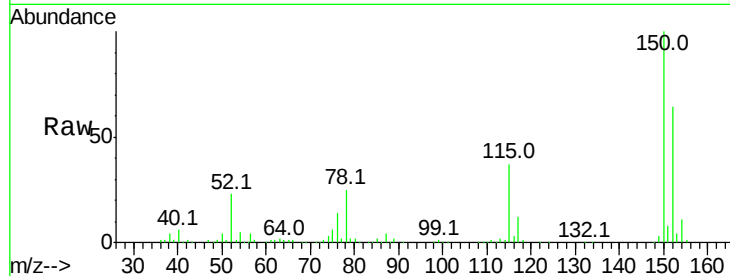


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

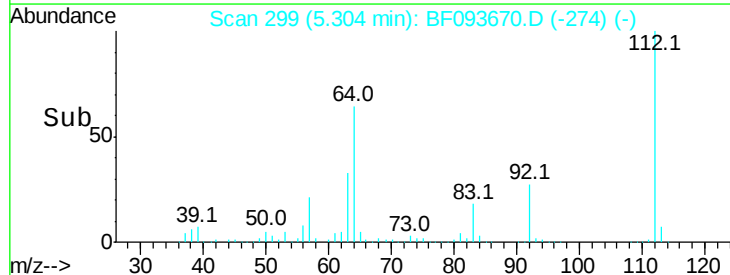
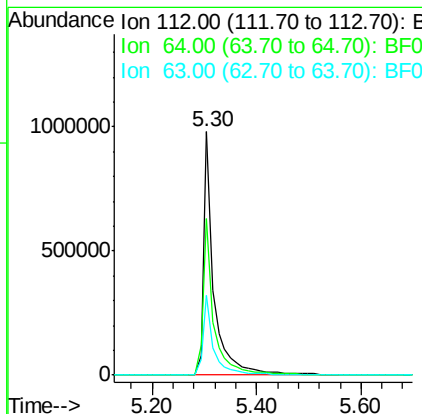
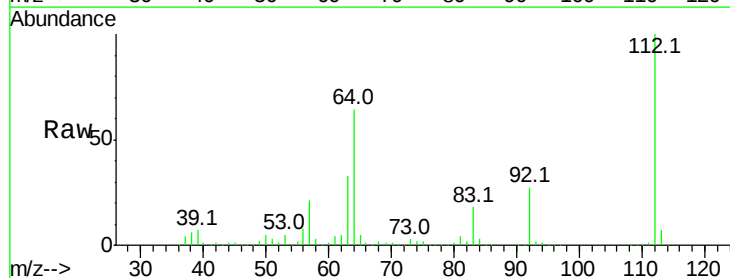
Tot Ion:152 Resp: 178843
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 57.8 46.0 69.0

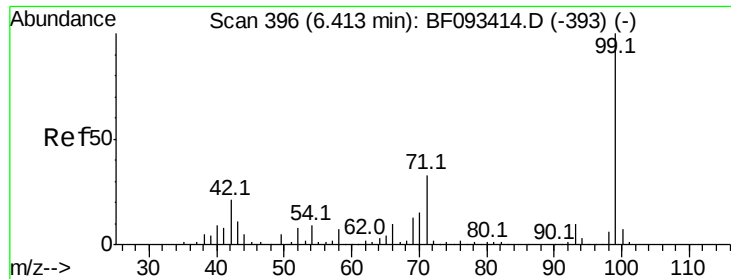


#5

2-Fluorophenol
Concen: 126.38 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Tgt Ion:112 Resp: 1358041
Ion Ratio Lower Upper
112 100
64 64.2 46.1 69.1
63 32.7 23.8 35.6





#7

Phenol-d6

Concen: 123.67 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

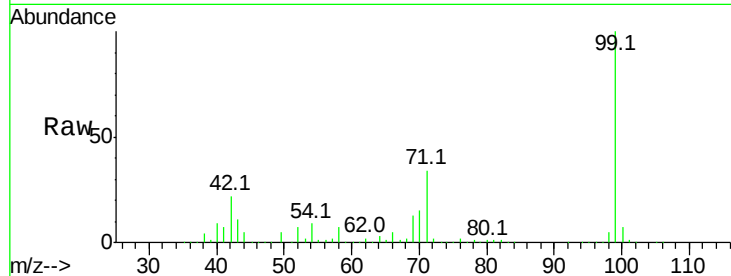
Tot Ion: 99 Resp: 1675746

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

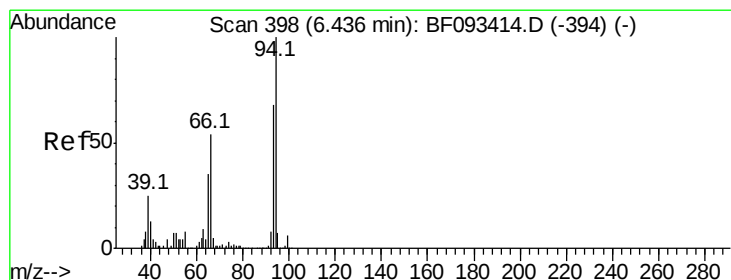
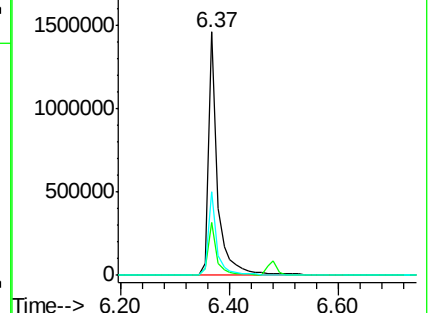
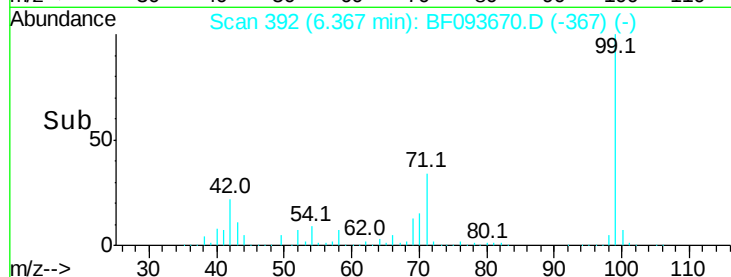
71 34.3 27.5 41.3



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: 8.77 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

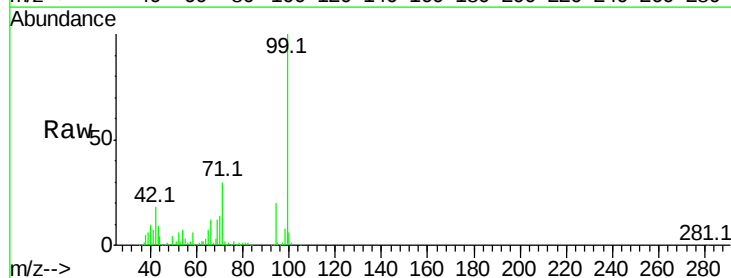
Tgt Ion: 94 Resp: 145699

Ion Ratio Lower Upper

94 100

65 32.4 21.4 61.4

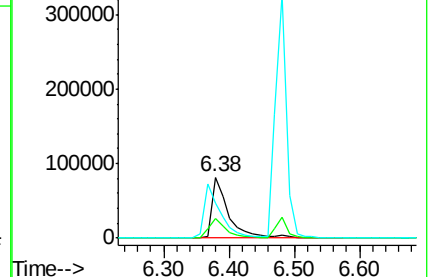
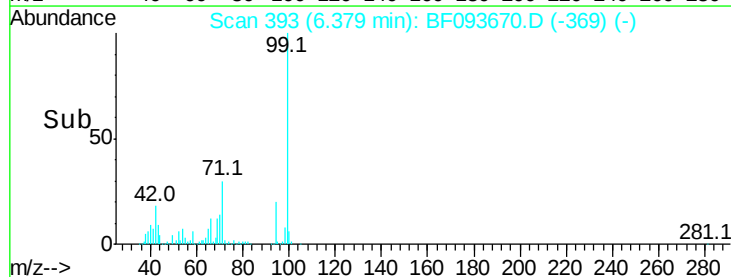
66 57.6 44.0 84.0

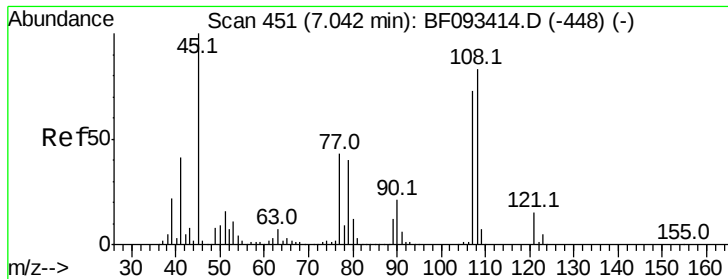


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 21.39 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

Tot Ion:107 Resp: 217853

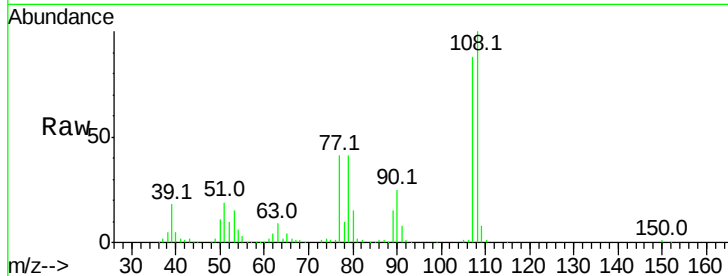
Ion Ratio Lower Upper

107 100

108 113.3 93.0 139.6

77 46.7 39.8 59.8

79 46.2 38.0 57.0

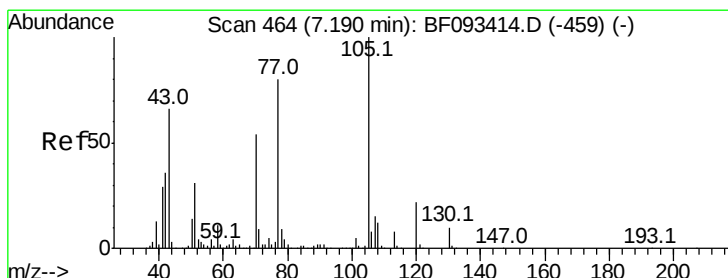
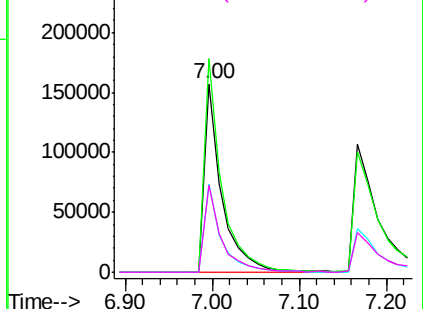
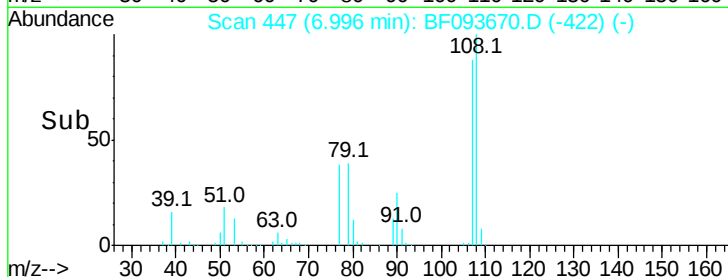


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.48 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Tgt Ion: 70 Resp: 144201

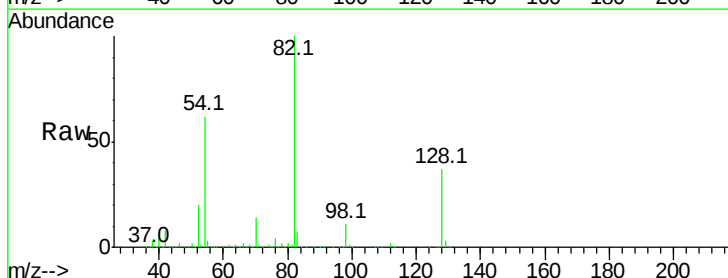
Ion Ratio Lower Upper

70 100

42 56.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

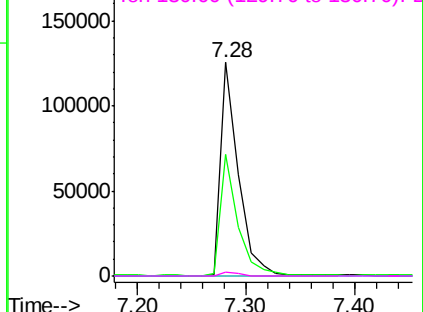
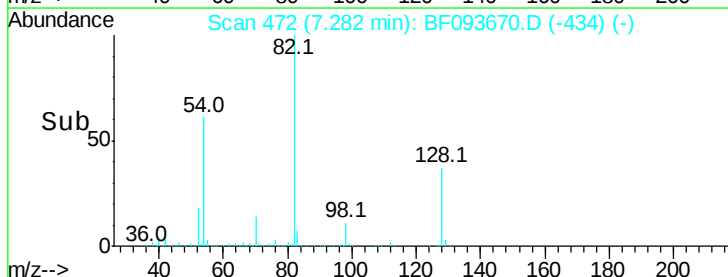


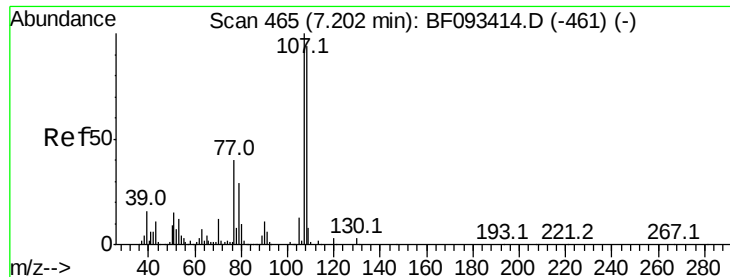
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 16.66 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

Tot Ion:107 Resp: 220082

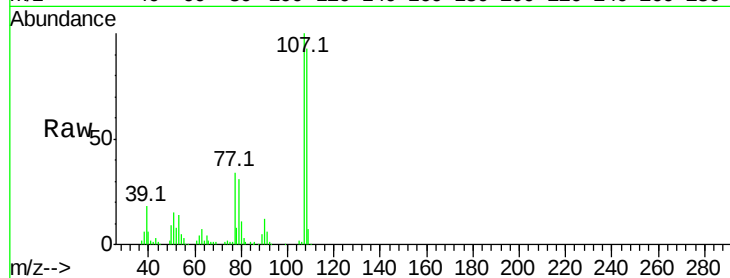
Ion Ratio Lower Upper

107 100

108 93.4 73.0 113.0

77 34.3 71.3 111.3#

79 31.1 11.1 51.1

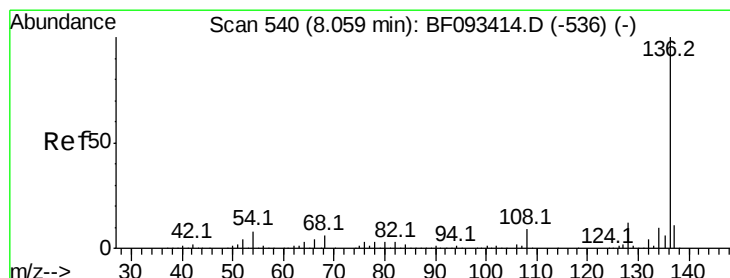
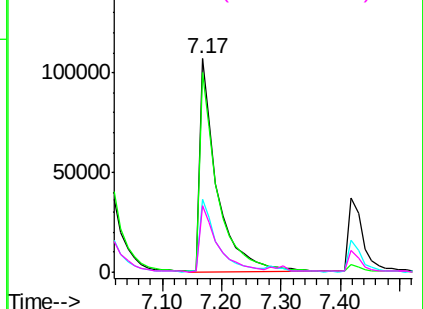
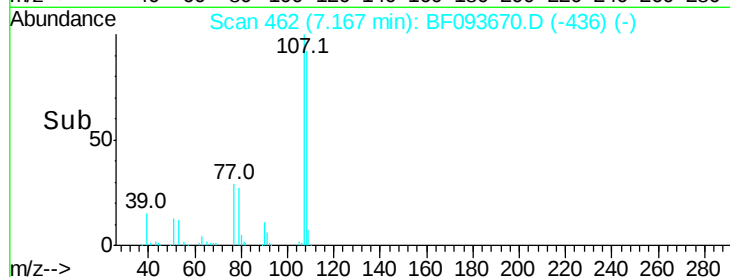


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Tgt Ion:136 Resp: 719982

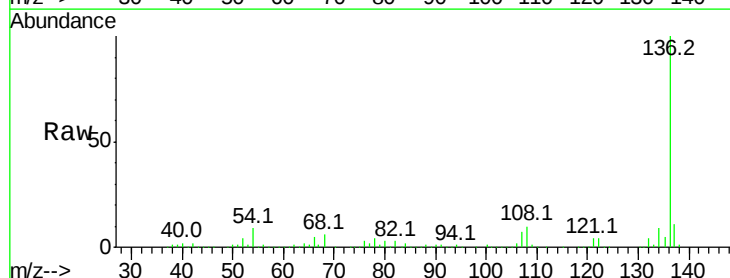
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.6 4.5 6.7#

68 6.5 3.6 5.4#

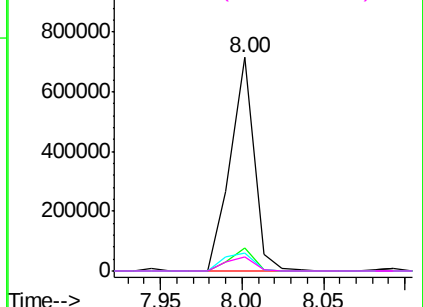
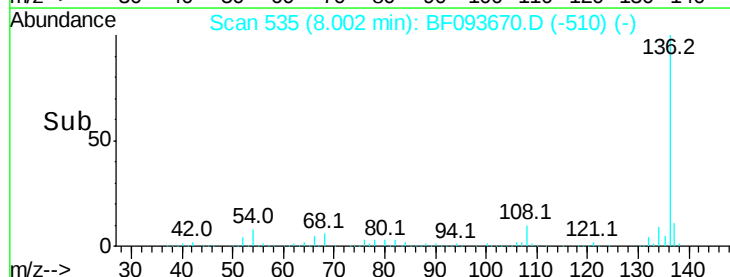


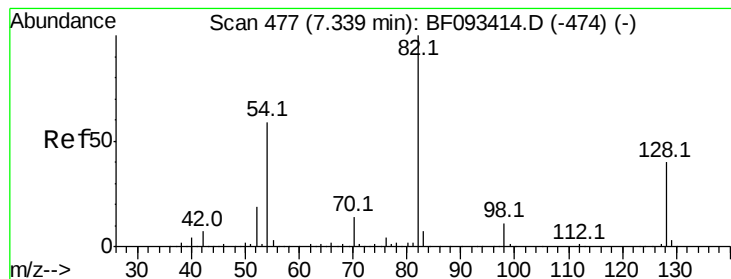
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.22 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

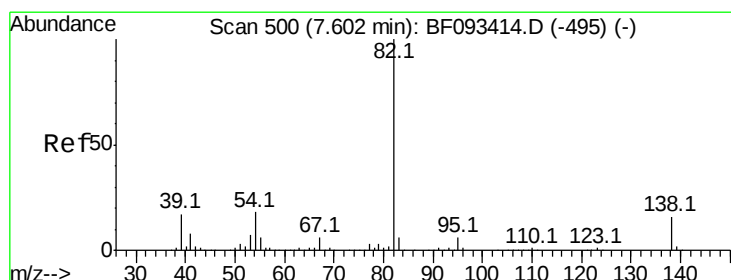
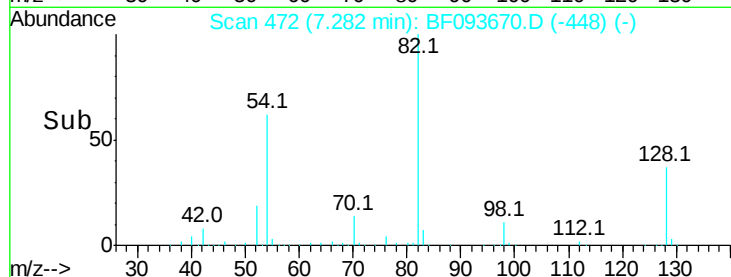
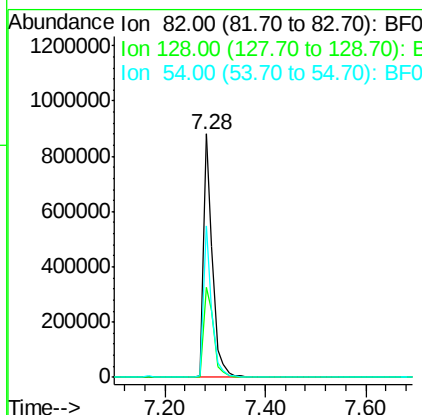
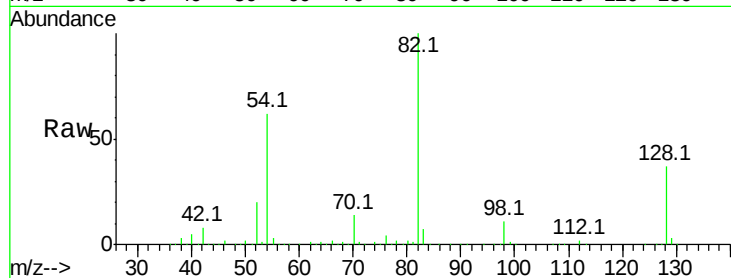
Tot Ion: 82 Resp: 1066864

Ion Ratio Lower Upper

82 100

128 36.7 34.6 52.0

54 62.0 39.5 59.3#



#25

Isophorone

Concen: 40.29 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

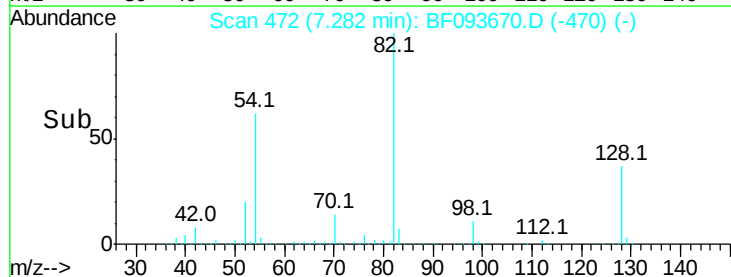
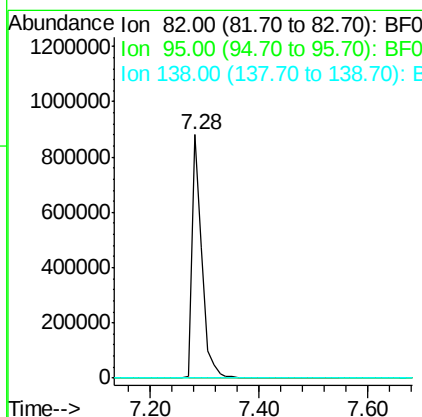
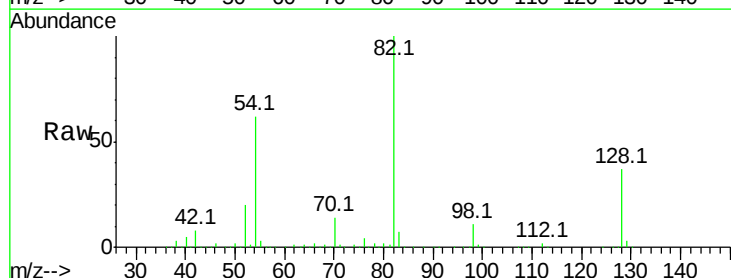
Tgt Ion: 82 Resp: 1054280

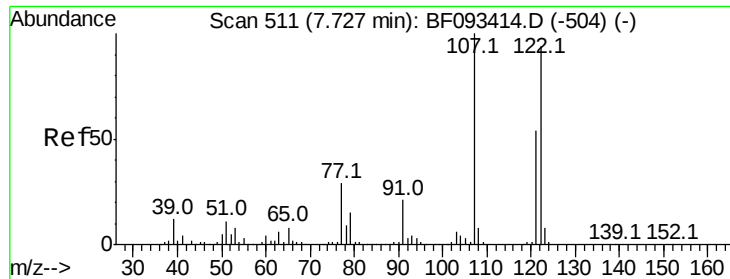
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#

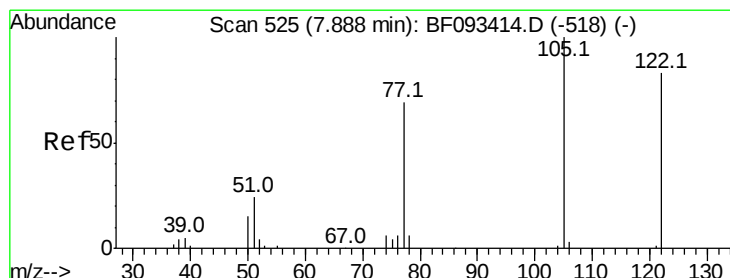
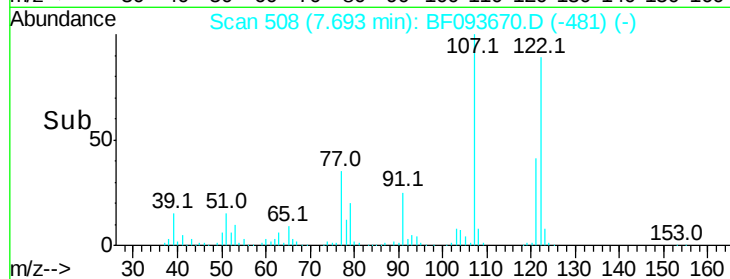
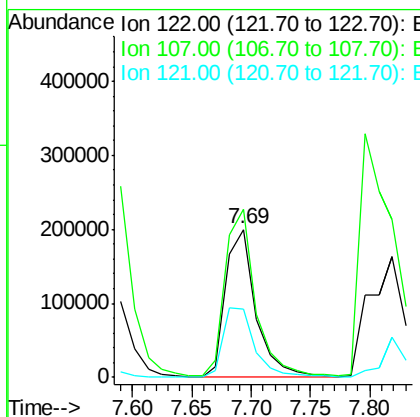
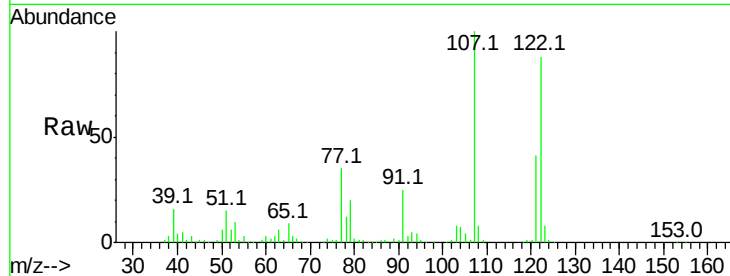




#27
 2,4-Dimethylphenol
 Concen: 32.31 ng
 RT: 7.69 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

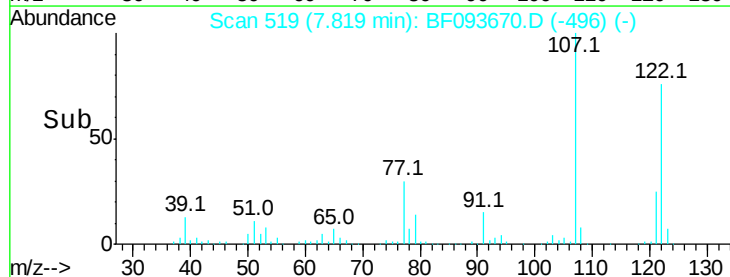
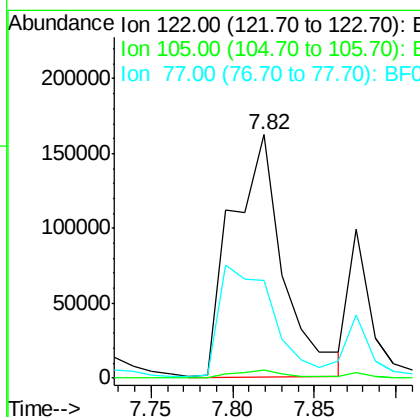
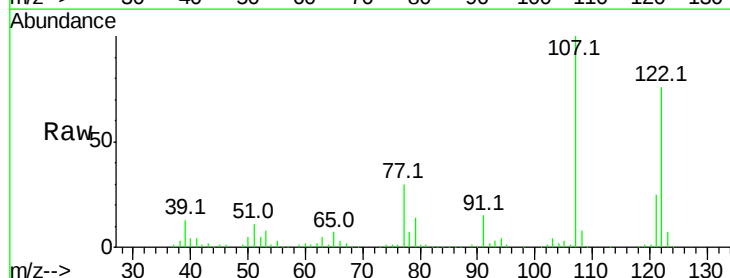
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSW

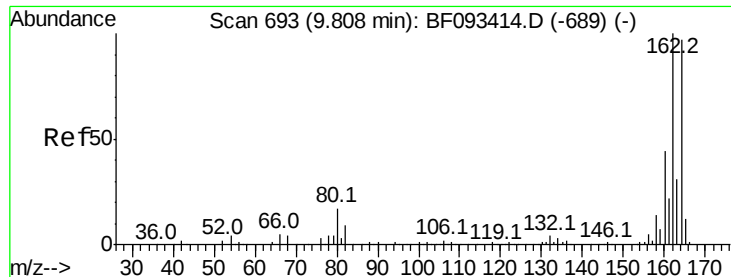
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	94.1	141.1
121	46.3	46.0	69.0



#32
 Benzoic acid
 Concen: 63.17 ng
 RT: 7.82 min Scan# 519
 Delta R.T. -0.03 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.5	107.2	147.2#
77	39.9	74.5	114.5#

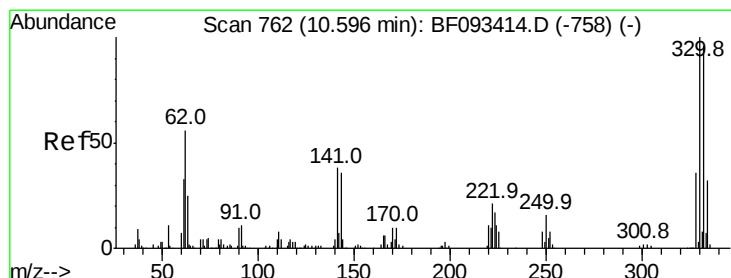
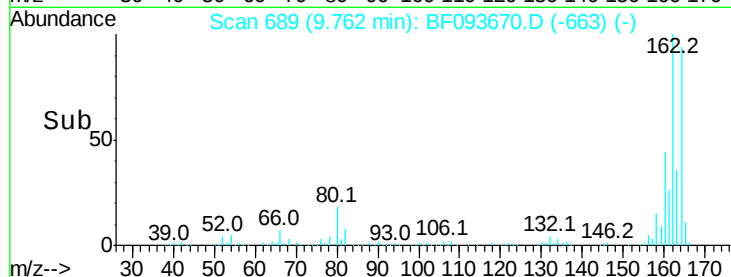
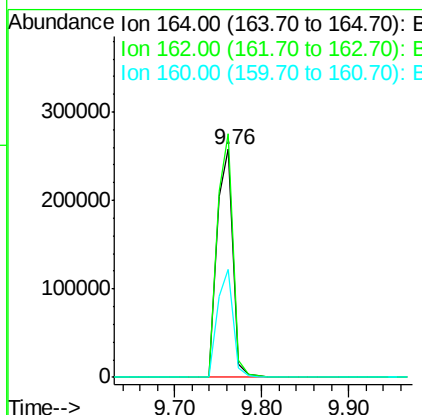
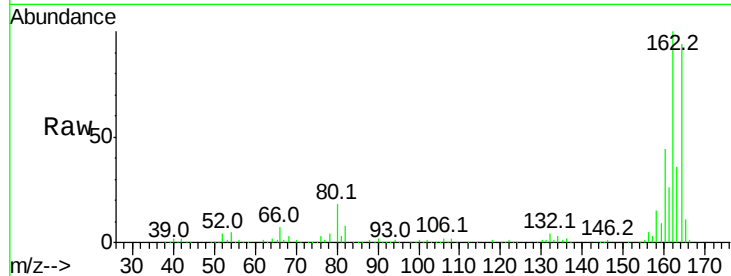




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

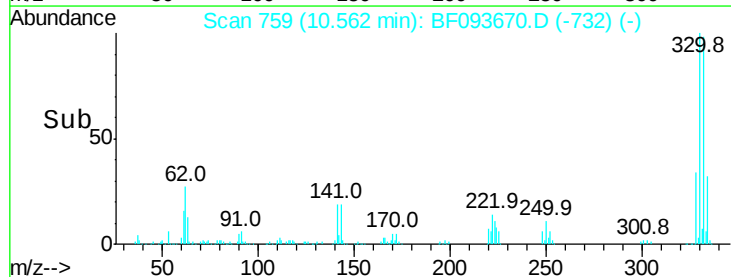
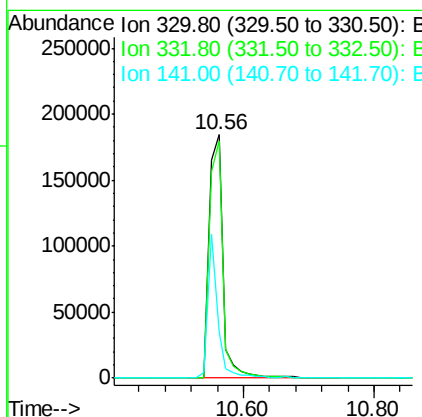
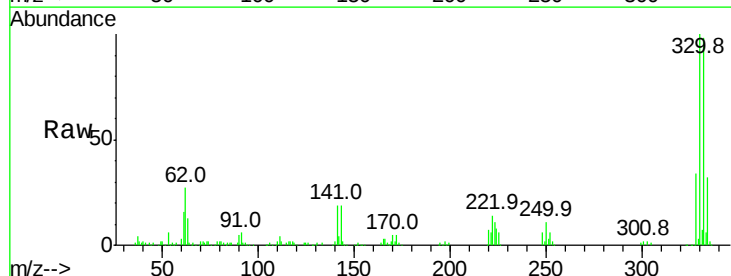
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSW

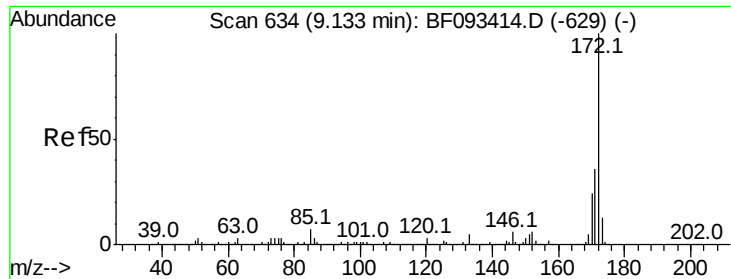
Tot Ion:164 Resp: 333561
 Ion Ratio Lower Upper
 164 100
 162 106.9 80.2 120.2
 160 47.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 126.75 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

Tgt Ion:330 Resp: 275461
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 41.8 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 81.18 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

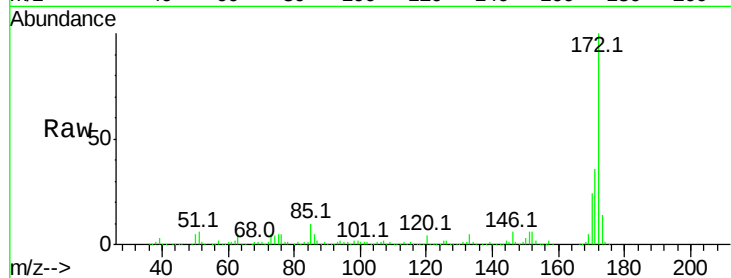
BNA_F

ClientSampleId :

E2-BB7-WSW

Tot Ion:172 Resp: 1455837

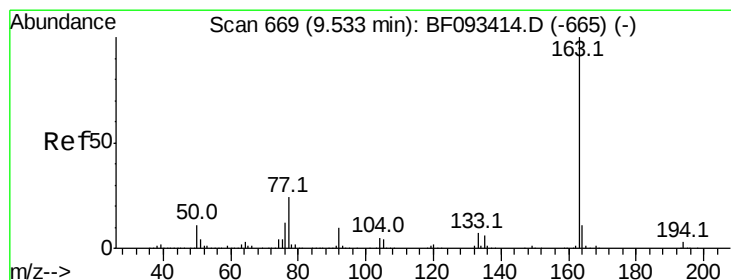
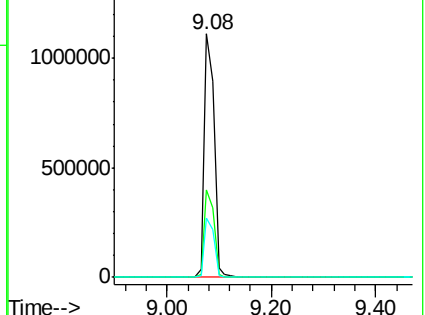
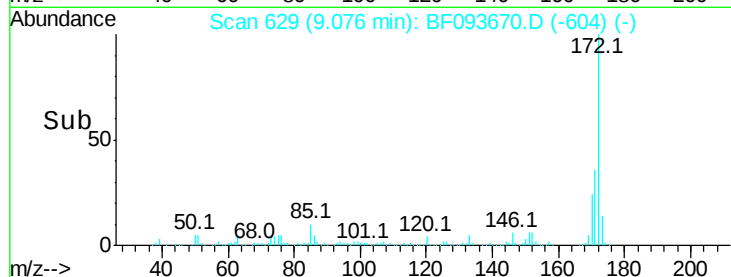
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4



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: 14.91 ng

RT: 9.49 min Scan# 665

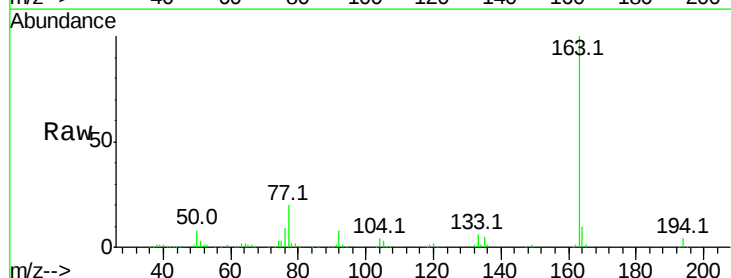
Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Tgt Ion:163 Resp: 329774

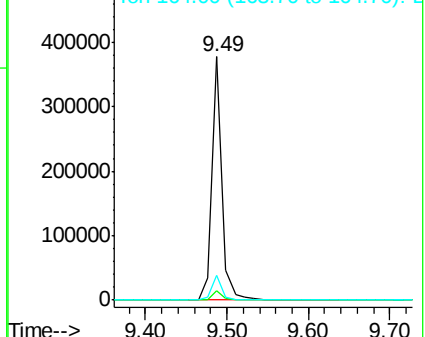
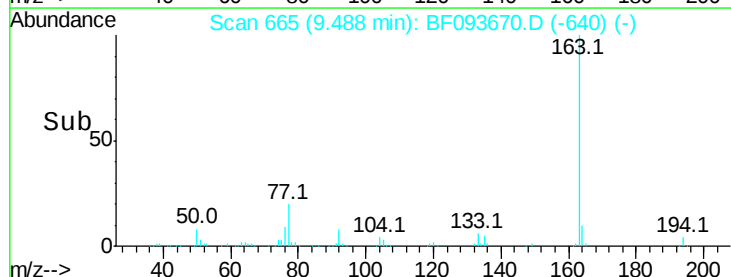
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.0	8.0	12.0

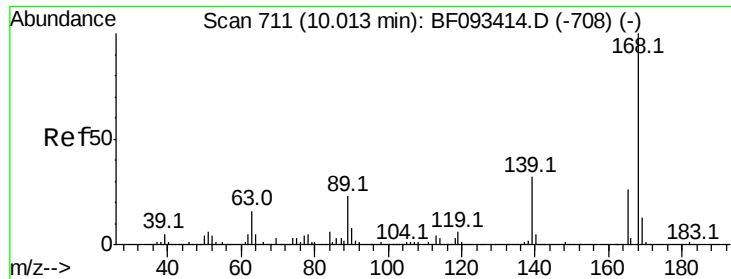


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 7.04 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.22 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

Tot Ion:165 Resp: 41994

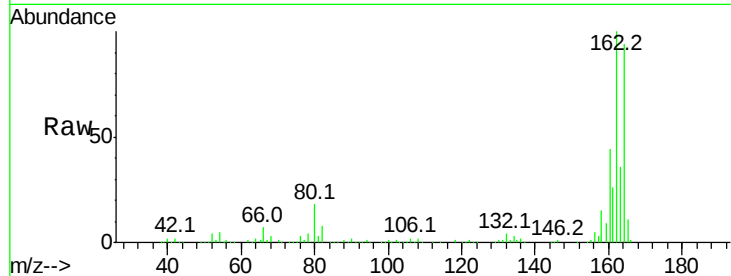
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 2.2 62.5 93.7#

182 0.0 1.8 2.8#

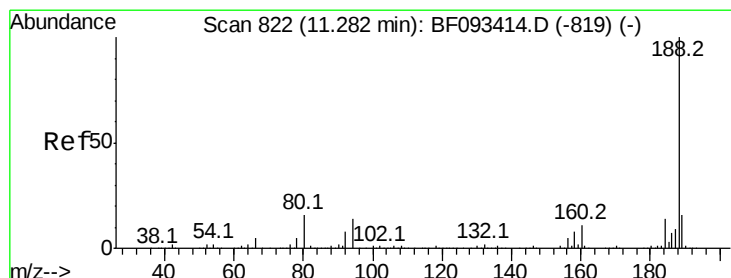
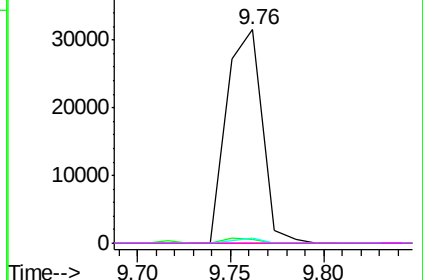
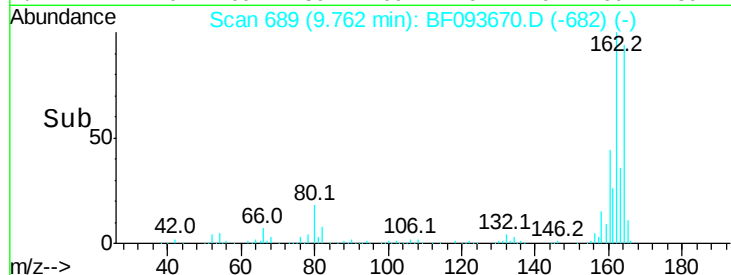


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

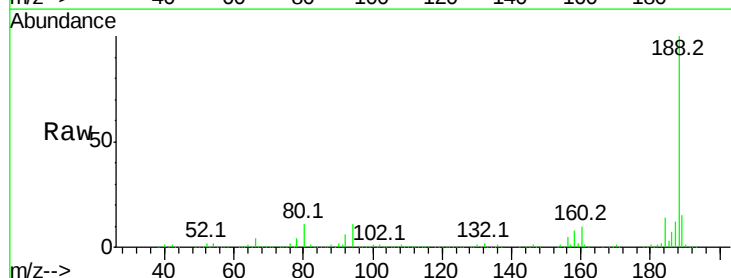
Tgt Ion:188 Resp: 609348

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

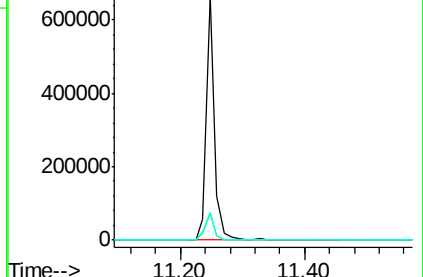
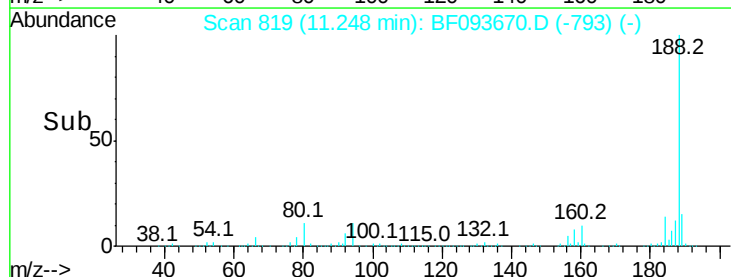
80 11.1 11.2 16.8#

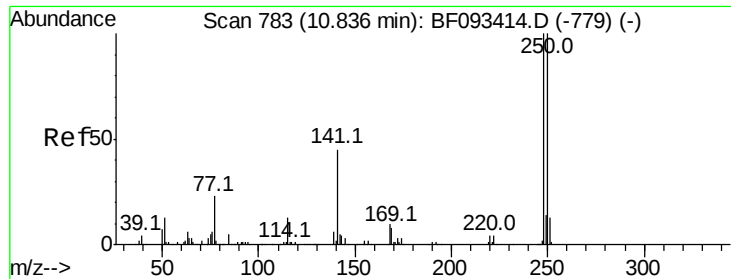


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

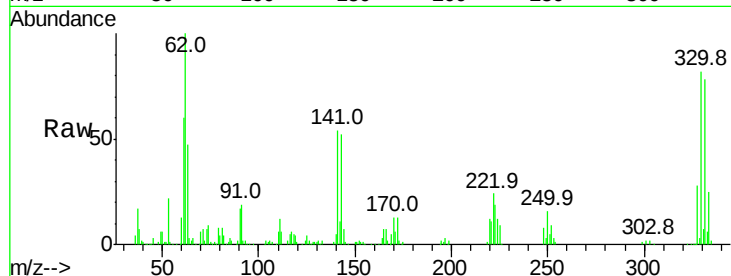




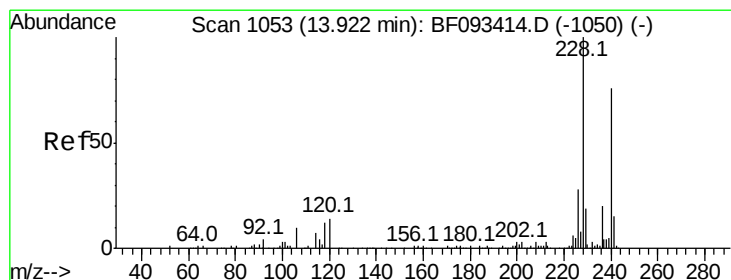
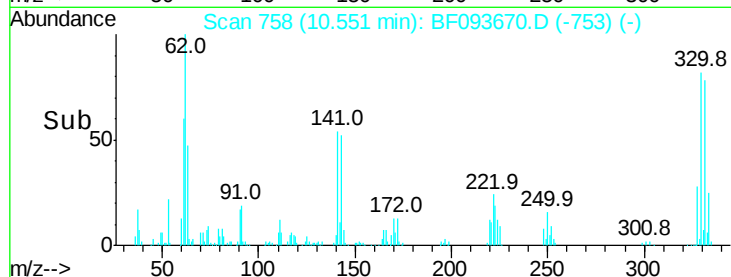
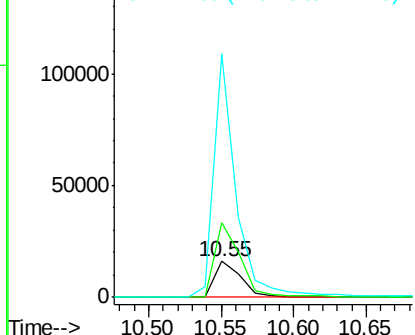
#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

Tot Ion:248 Resp: 20562
Ion Ratio Lower Upper
248 100
250 204.4 76.9 115.3#
141 672.2 68.2 102.4#

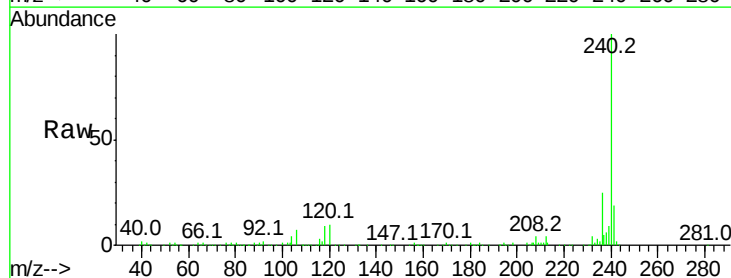


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

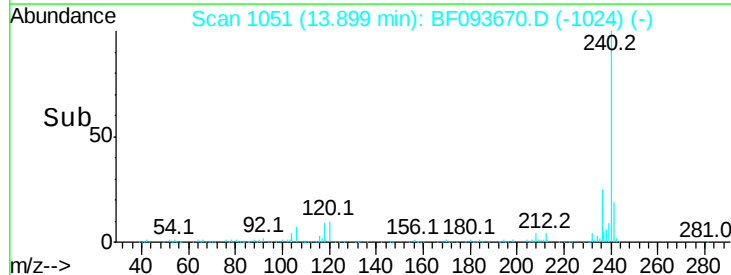
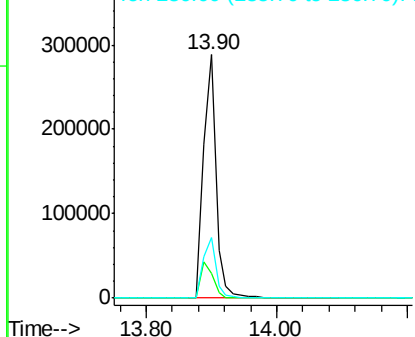


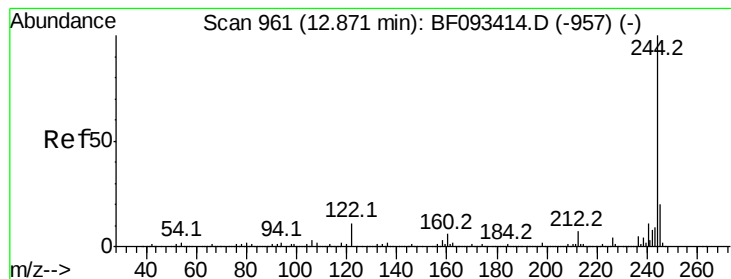
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Tgt Ion:240 Resp: 382816
Ion Ratio Lower Upper
240 100
120 10.1 12.9 19.3#
236 25.1 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: 76.54 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

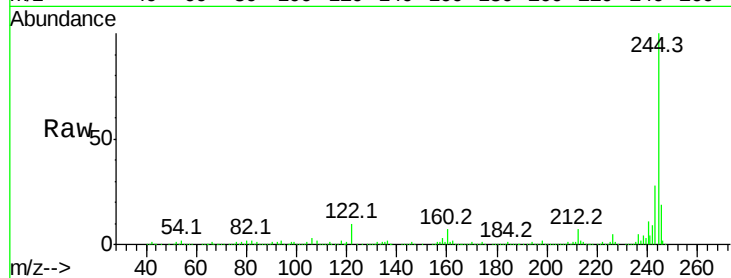
Tot Ion:244 Resp: 1126966

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

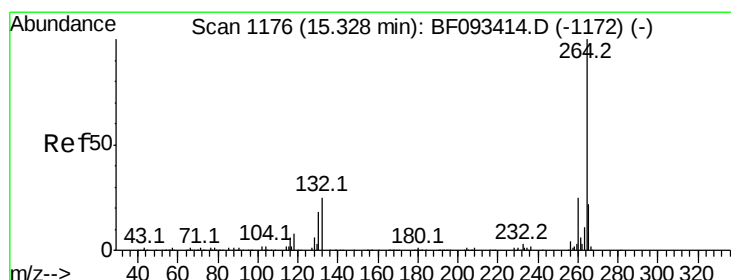
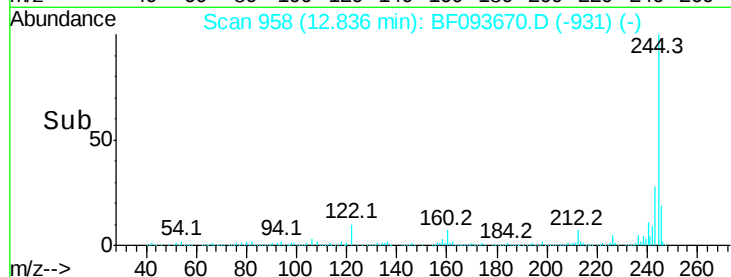
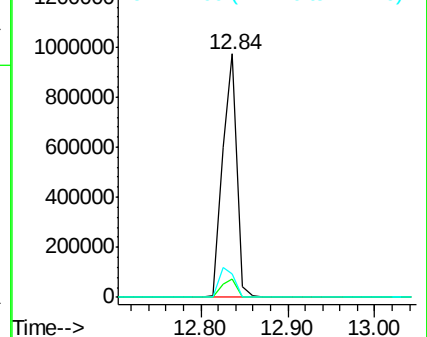
122 9.7 11.4 17.2#



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: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

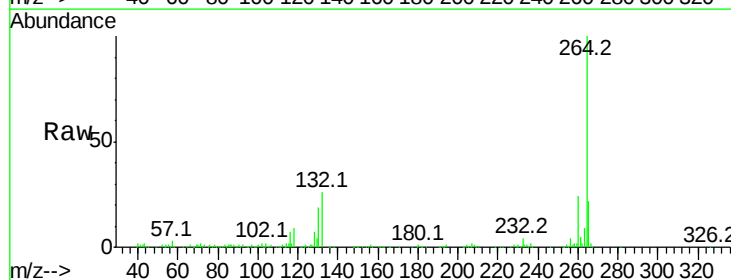
Tgt Ion:264 Resp: 306942

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 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

