

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091680.D
 Acq On : 16 Dec 2016 18:42
 Operator : UM/SJ
 Sample : H6099-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

Quant Time: Dec 16 22:01:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

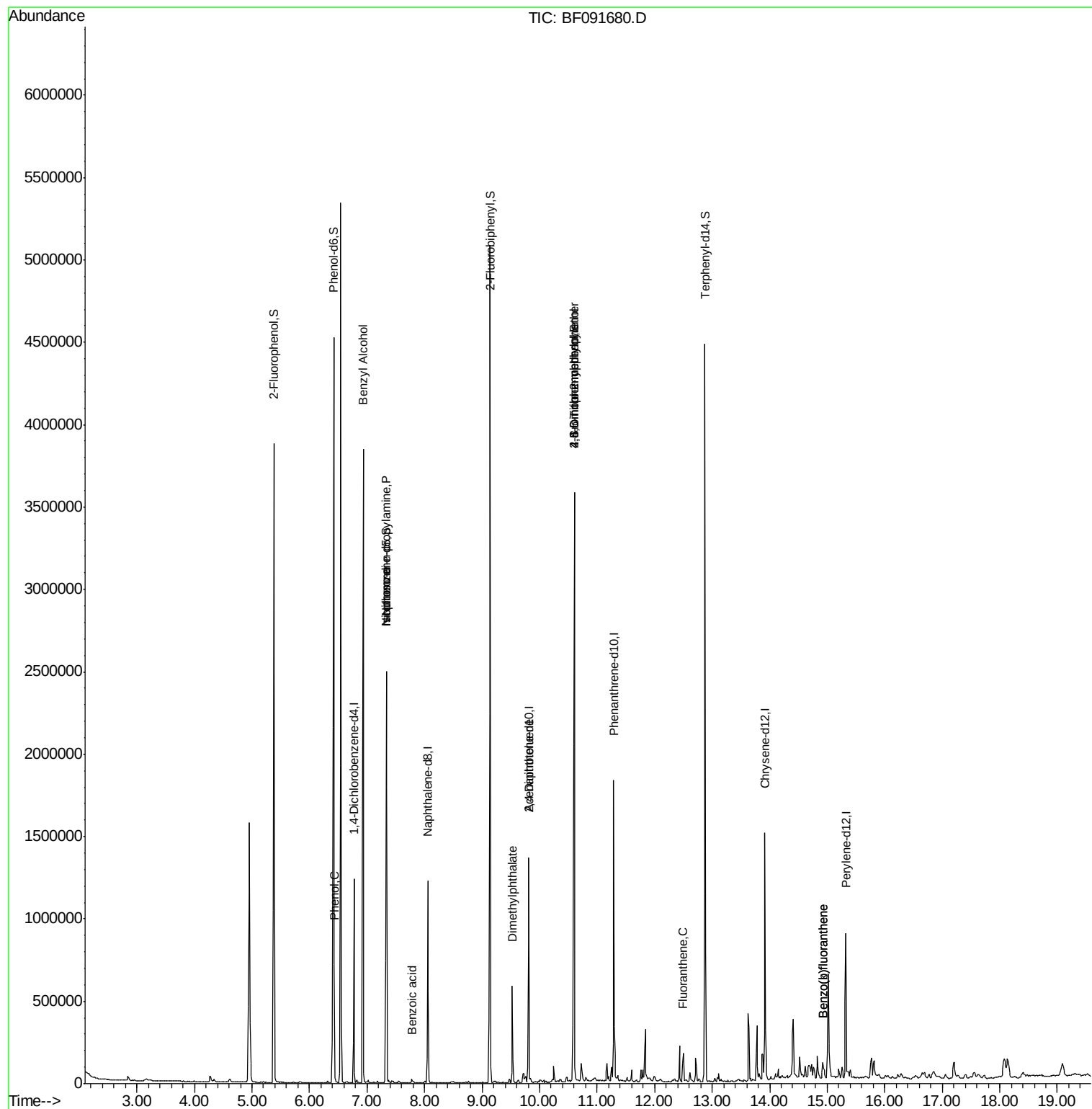
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	169747	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	648054	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	376563	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	600958	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	463780	20.00	ng	-0.02
86) Perylene-d12	15.32	264	387522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1422848	141.22	ng	0.00
7) Phenol-d6	6.42	99	1609424	128.13	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1221044	105.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	477165	152.56	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1735567	79.64	ng	-0.01
78) Terphenyl-d14	12.88	244	1410703	69.02	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	120294	8.19	ng	Qvalue 89
15) Benzyl Alcohol	6.93	79	24484	2.47	ng	# 36
19) n-Nitroso-di-n-propylamine	7.33	70	165701	21.10	ng	# 67
20) 3+4-Methylphenols	7.20	107	262	Below Cal	#	49
25) Isophorone	7.33	82	1037368	50.26	ng	# 67
32) Benzoic acid	7.78	122	8039	5.95	ng	90
49) Dimethylphthalate	9.53	163	233219	9.78	ng	98
56) 2,4-Dinitrotoluene	9.81	165	48976	7.47	ng	# 33
57) Fluorene	10.35	166	3696	Below Cal	#	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	1334	3.29	ng	# 32
66) 4-Bromophenyl-phenylether	10.60	248	33212	5.39	ng	# 1
74) Fluoranthene	12.50	202	85988	2.76	ng	94
87) Benzo(b)fluoranthene	14.92	252	62084	2.69	ng	99
88) Benzo(k)fluoranthene	14.92	252	62084	3.06	ng	97

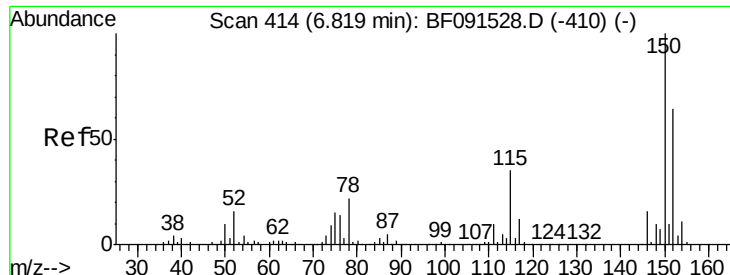
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

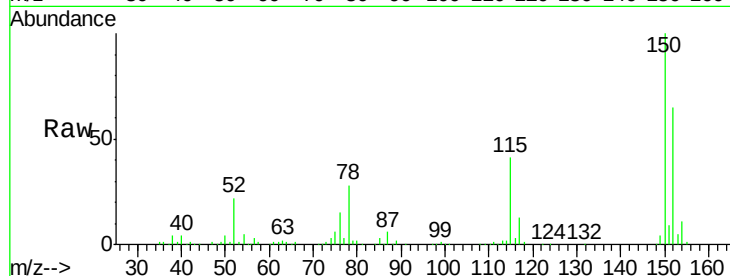
Tgt Ion:152 Resp: 169747

Ion Ratio Lower Upper

152 100

150 154.7 122.5 183.7

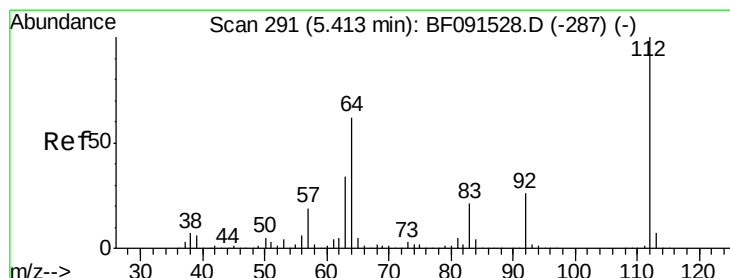
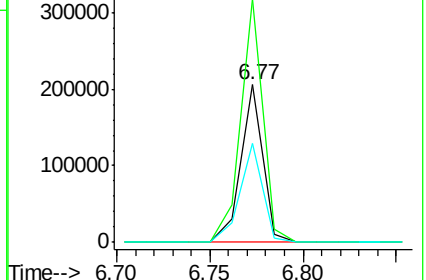
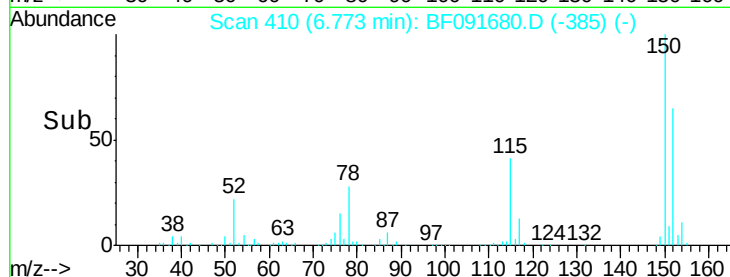
115 62.9 51.8 77.8



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: 141.22 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

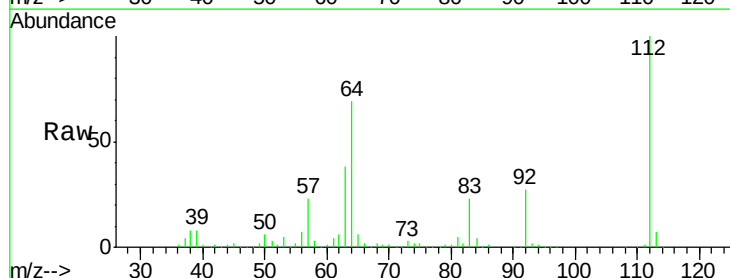
Tgt Ion:112 Resp: 1422848

Ion Ratio Lower Upper

112 100

64 69.2 61.5 92.3

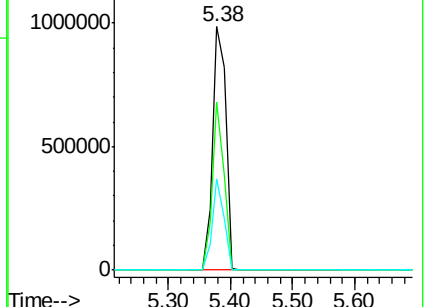
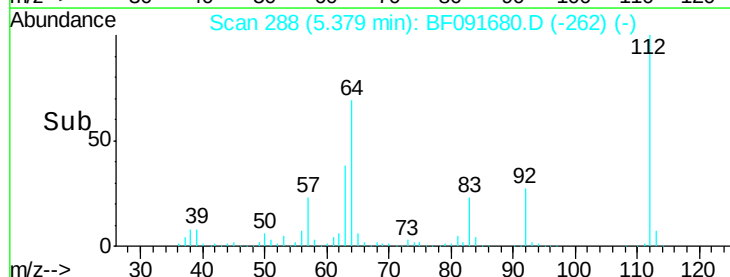
63 37.6 33.3 49.9

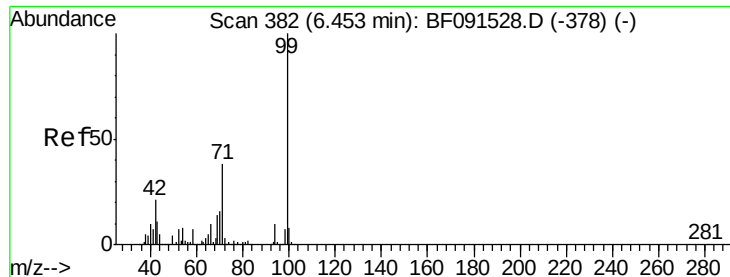


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.13 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

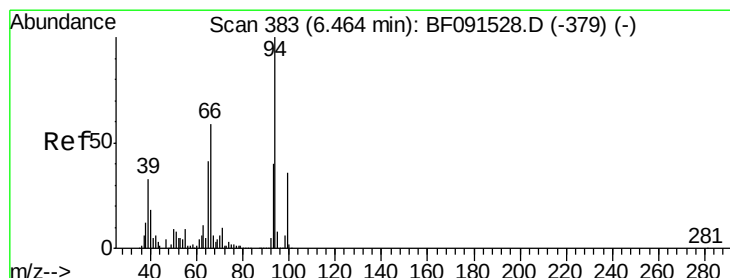
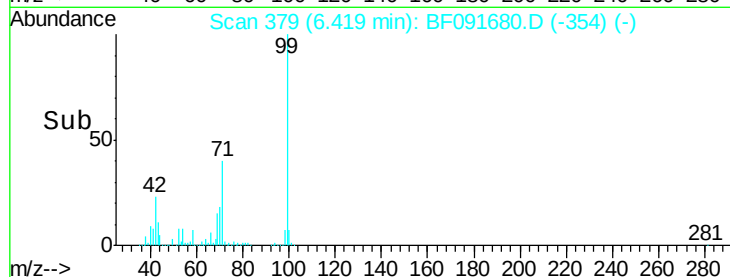
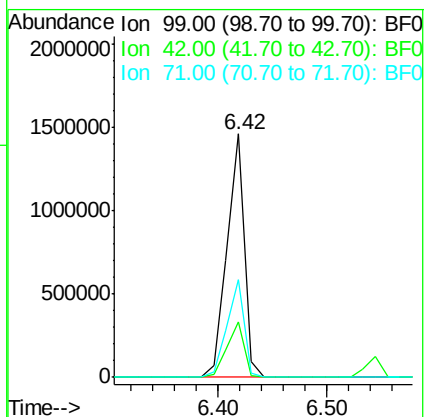
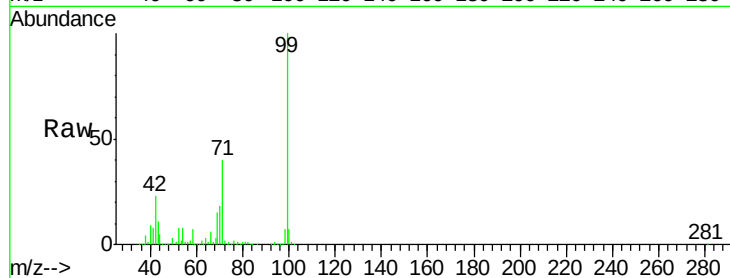
Tgt Ion: 99 Resp: 1609424

Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

71 40.2 29.9 44.9



#10

Phenol

Concen: 8.19 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

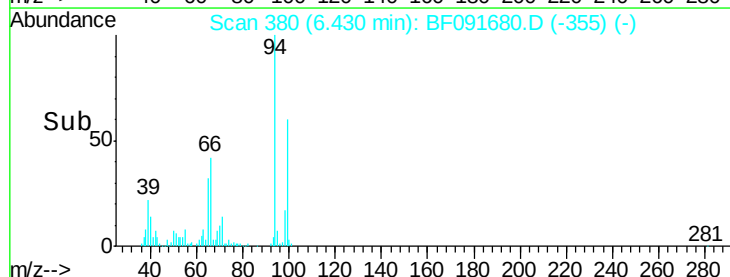
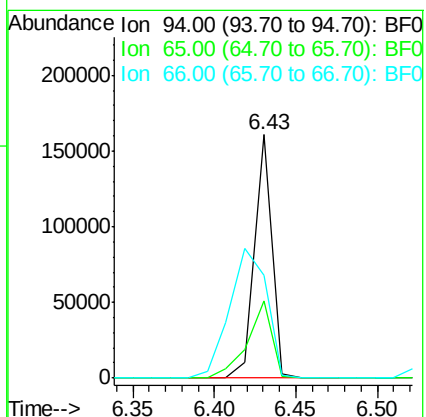
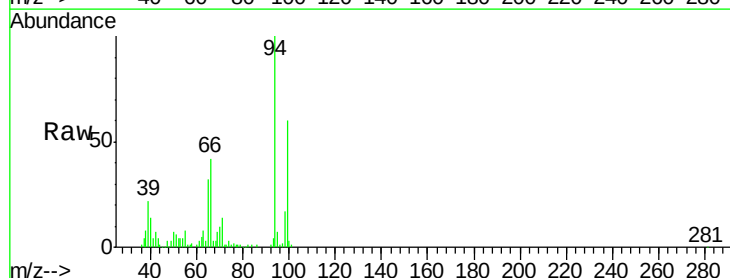
Tgt Ion: 94 Resp: 120294

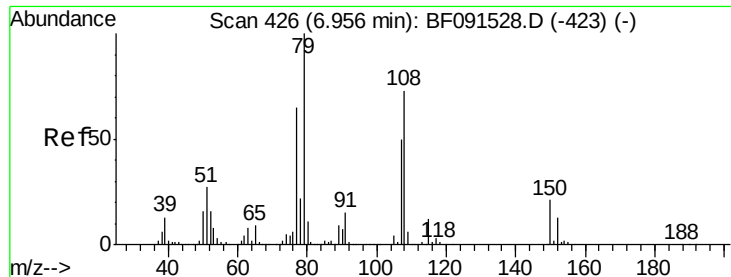
Ion Ratio Lower Upper

94 100

65 31.7 16.9 56.9

66 42.2 30.6 70.6





#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

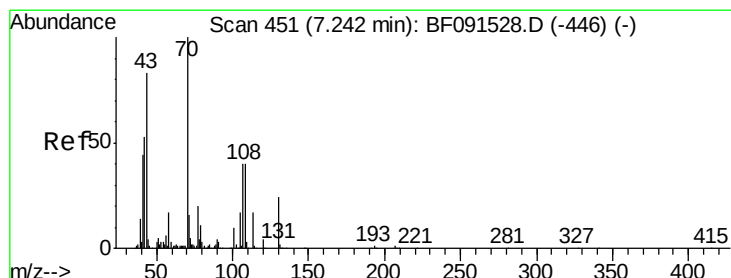
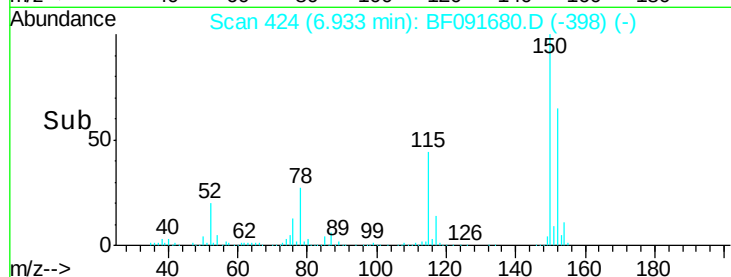
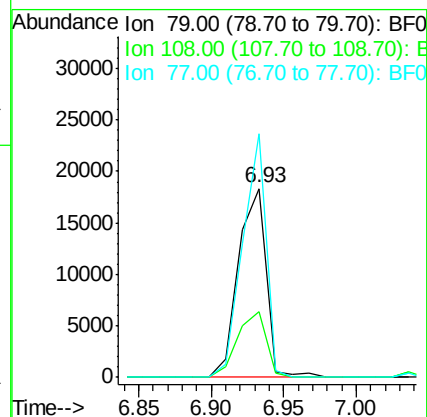
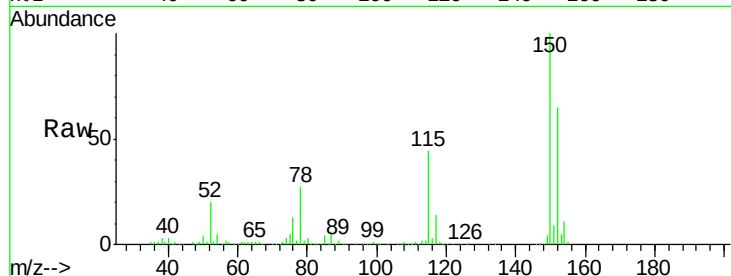
Tgt Ion: 79 Resp: 24484

Ion Ratio Lower Upper

79 100

108 34.6 62.7 94.1#

77 128.7 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 21.10 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Tgt Ion: 70 Resp: 165701

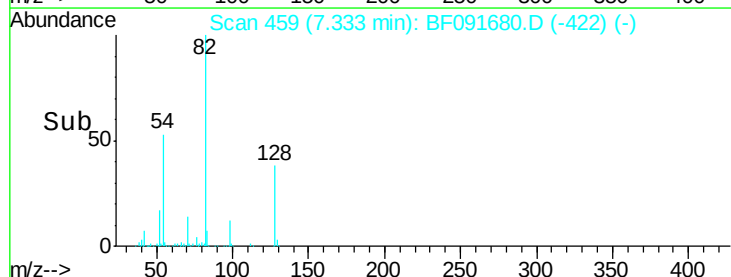
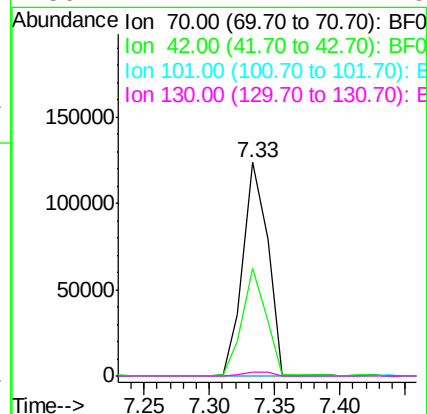
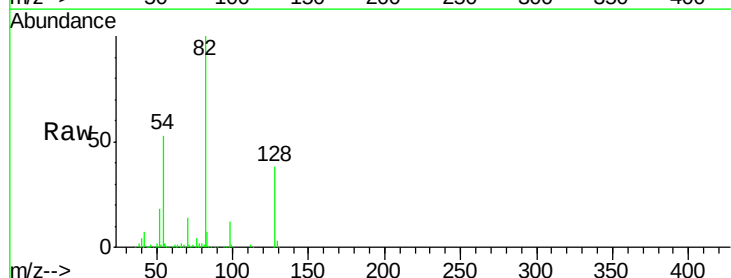
Ion Ratio Lower Upper

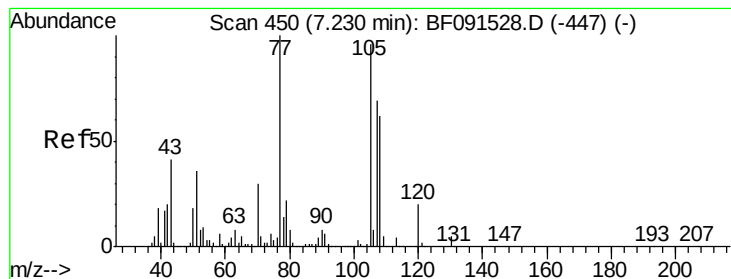
70 100

42 50.3 64.8 97.2#

101 0.0 6.2 9.4#

130 1.7 11.7 17.5#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

Tgt Ion:107 Resp: 262

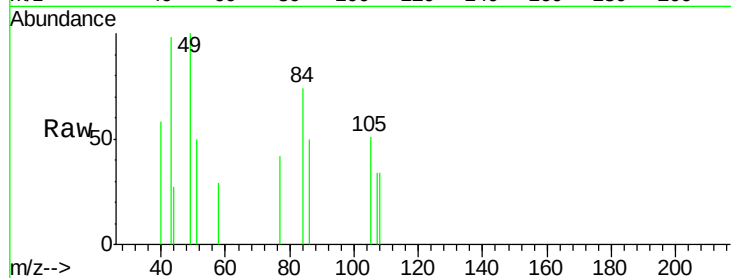
Ion Ratio Lower Upper

107 100

108 100.5 64.6 104.6

77 123.3 30.9 70.9#

79 0.0 9.3 49.3#



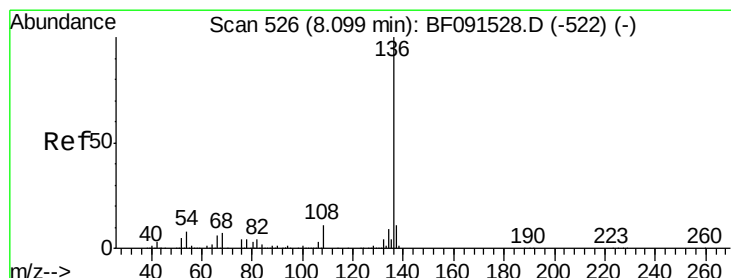
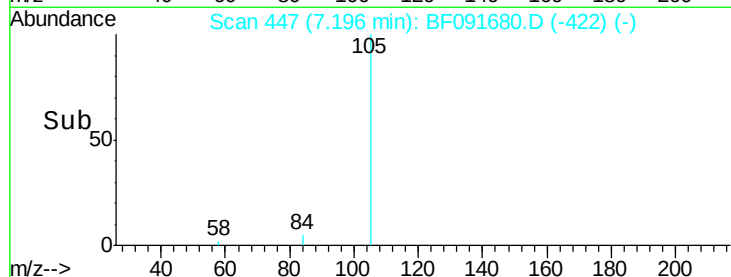
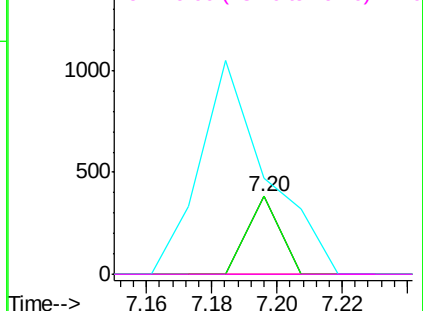
Abundance

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: 8.05 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Tgt Ion:136 Resp: 648054

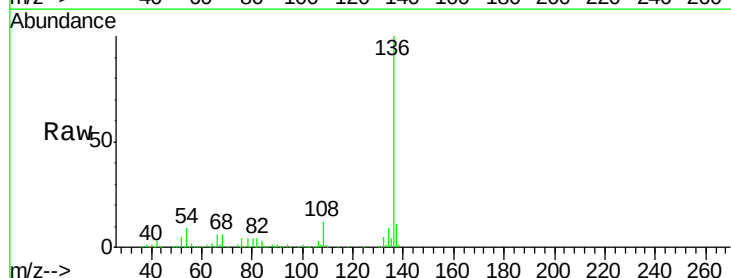
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.3 9.1 13.7

68 6.3 5.9 8.9



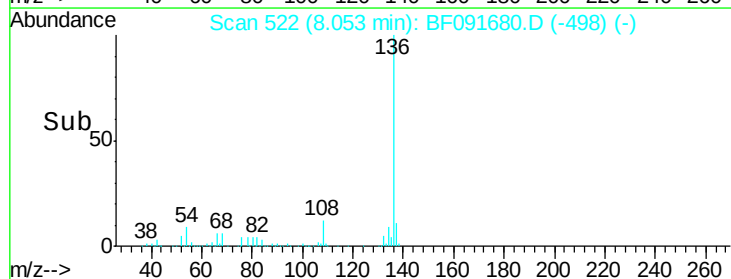
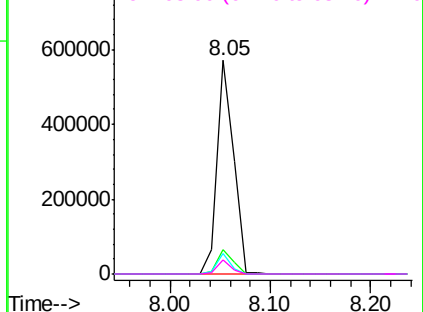
Abundance

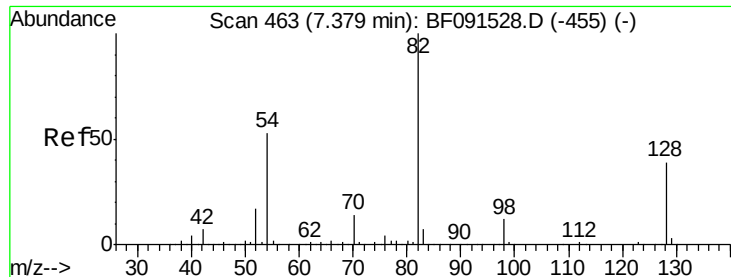
Ion 136.00 (135.70 to 136.70): E

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

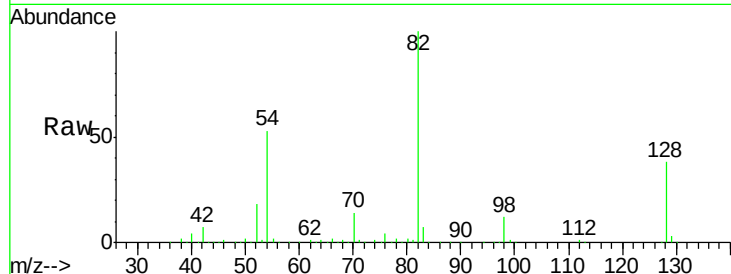




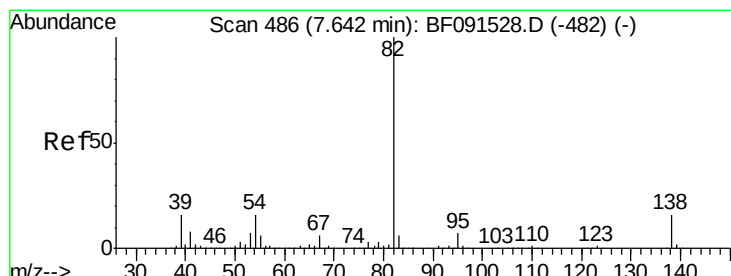
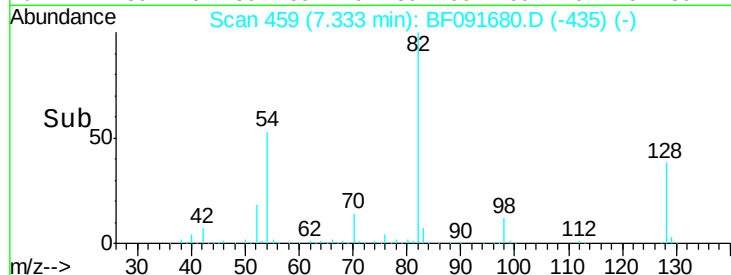
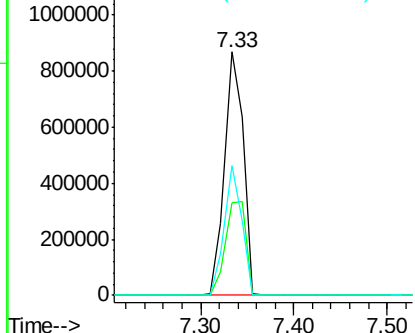
#23
 Nitrobenzene-d5
 Concen: 105.16 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

Tgt Ion: 82 Resp: 1221044
 Ion Ratio Lower Upper
 82 100
 128 38.1 31.8 47.6
 54 53.4 49.1 73.7

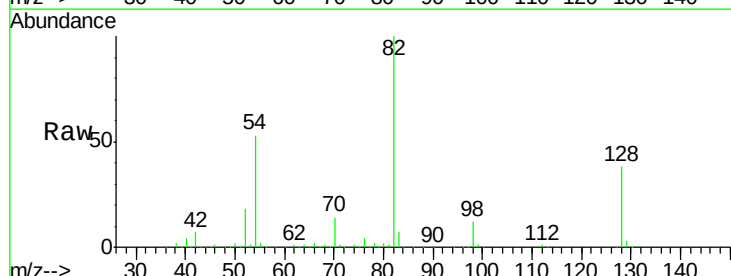


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

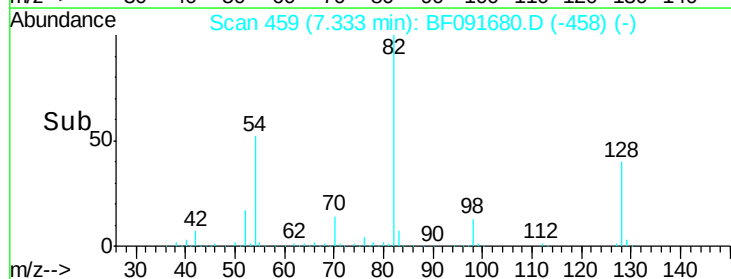
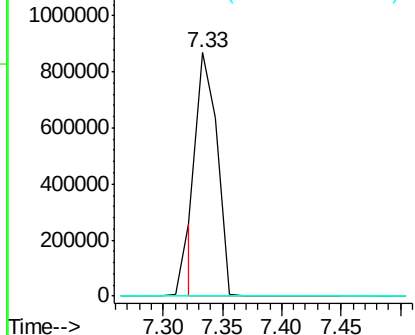


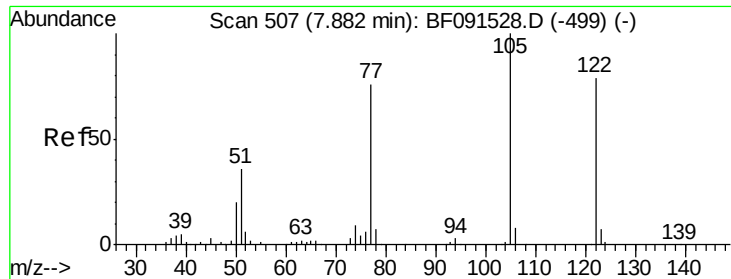
#25
 Isophorone
 Concen: 50.26 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.29 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Tgt Ion: 82 Resp: 1037368
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

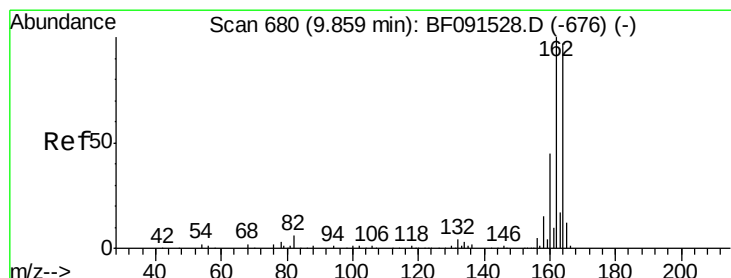
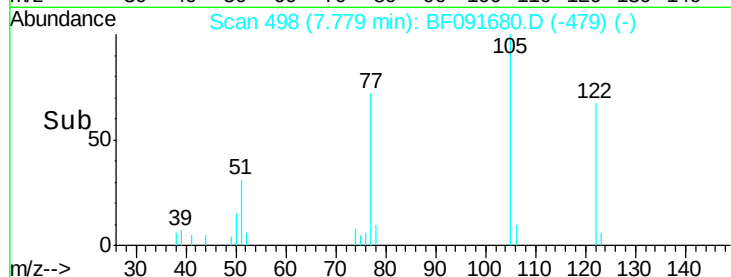
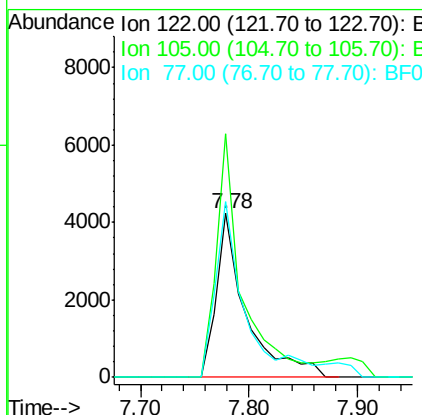
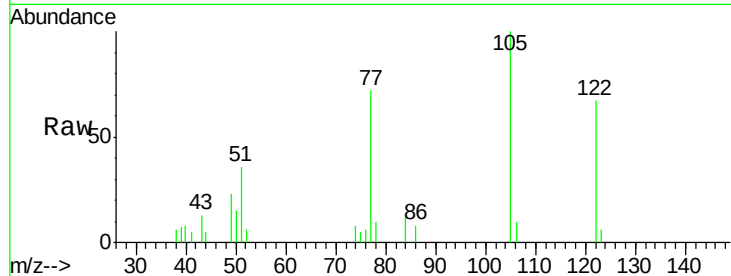




#32
Benzoic acid
Concen: 5.95 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.08 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

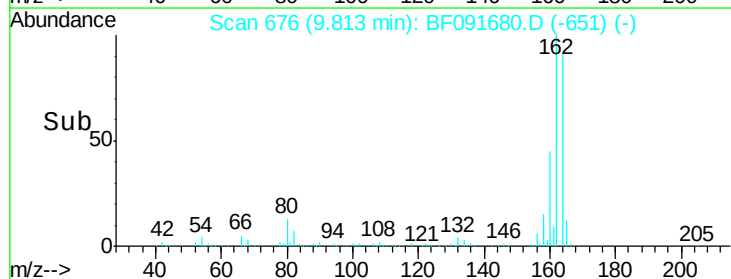
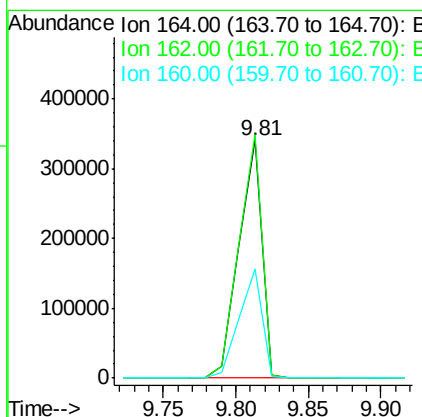
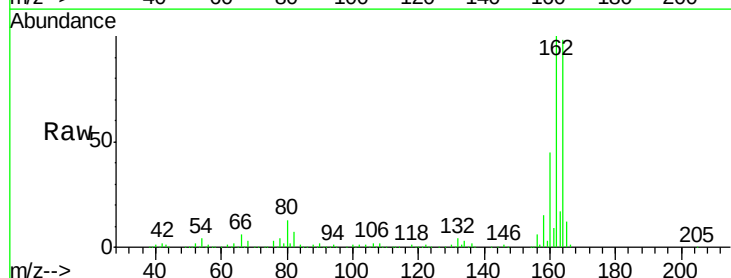
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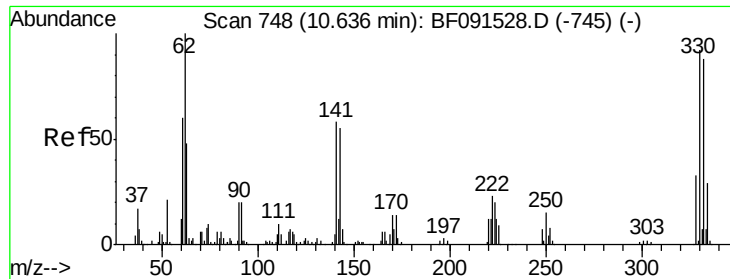
Tgt Ion:122 Resp: 8039
Ion Ratio Lower Upper
122 100
105 148.4 113.0 153.0
77 107.1 82.0 122.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Tgt Ion:164 Resp: 376563
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 45.7 36.7 55.1

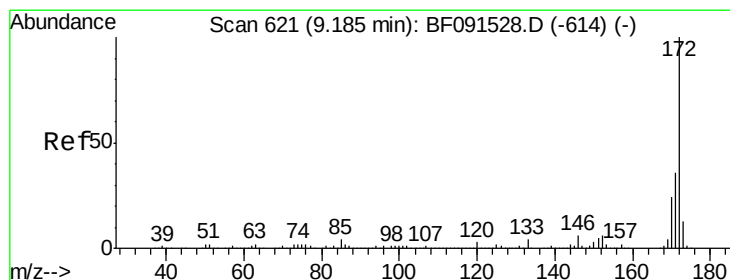
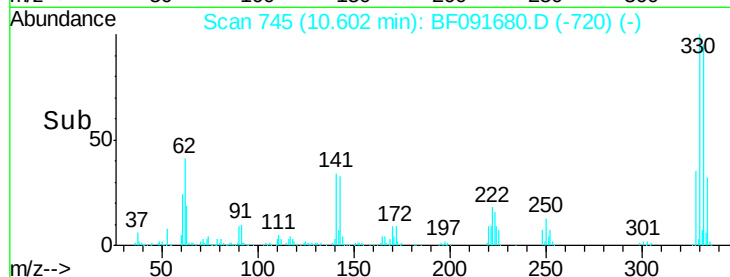
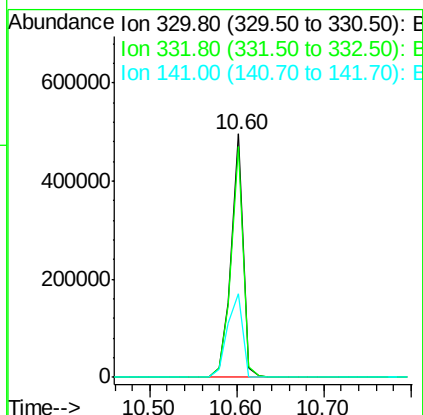
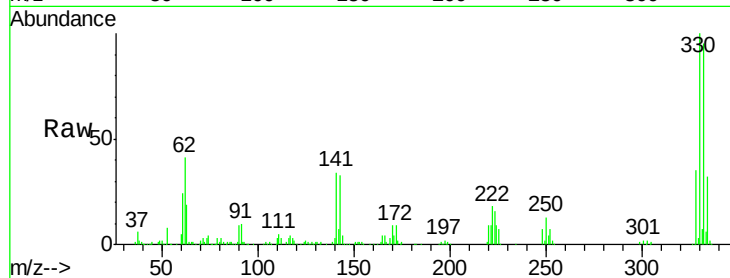




#41
 2,4,6-Tribromophenol
 Concen: 152.56 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

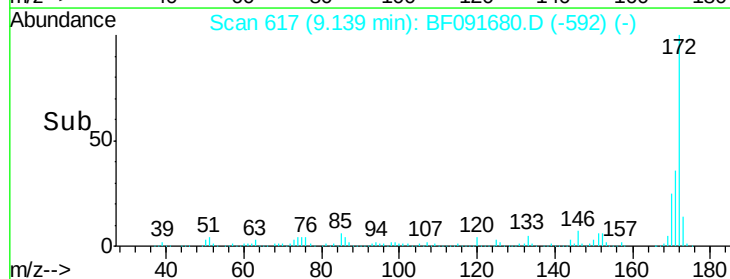
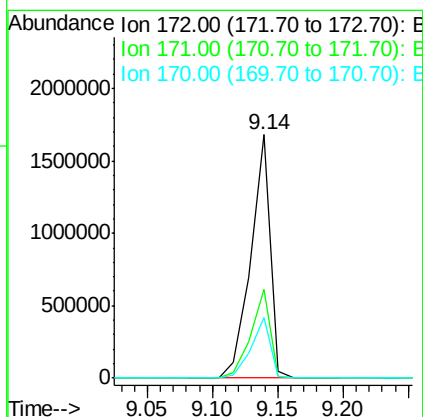
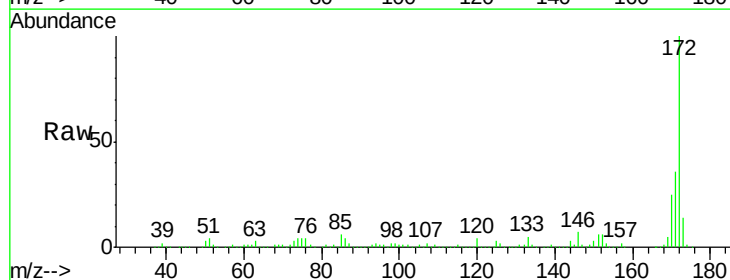
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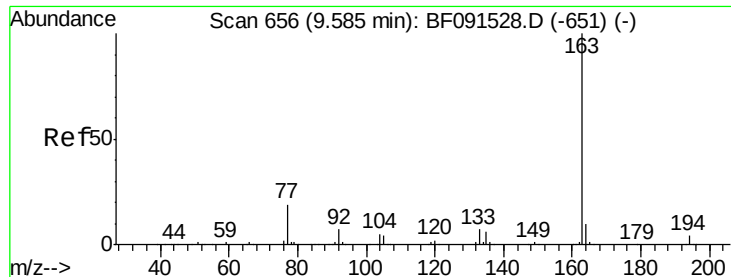
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	43.4	33.6	50.4



#44
 2-Fluorobiphenyl
 Concen: 79.64 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.9	19.7	29.5

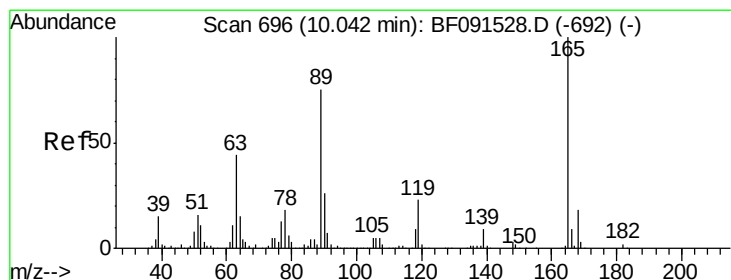
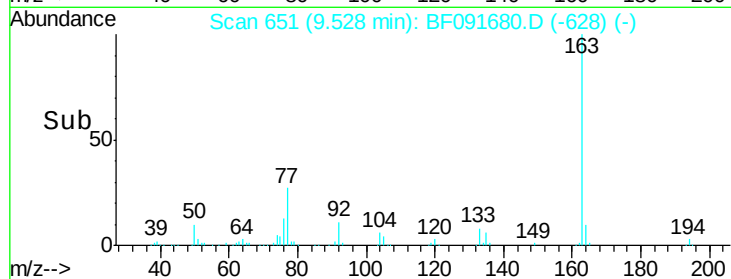
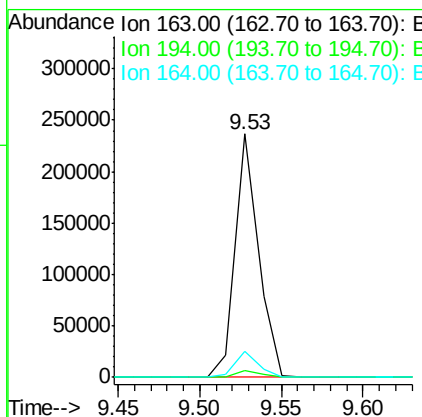
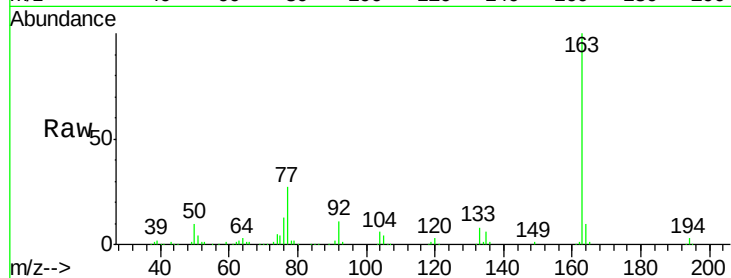




#49
Dimethylphthalate
Concen: 9.78 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

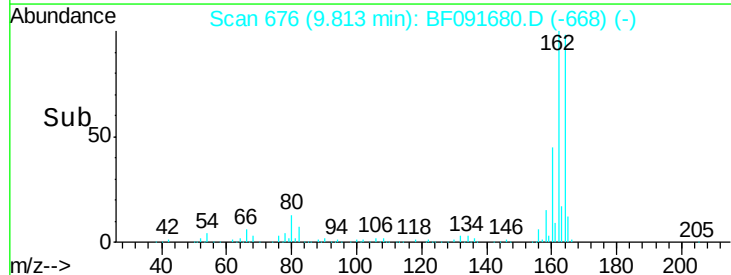
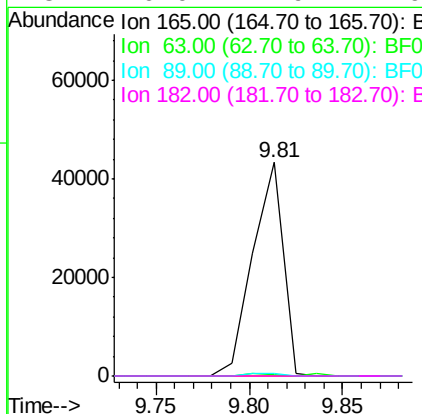
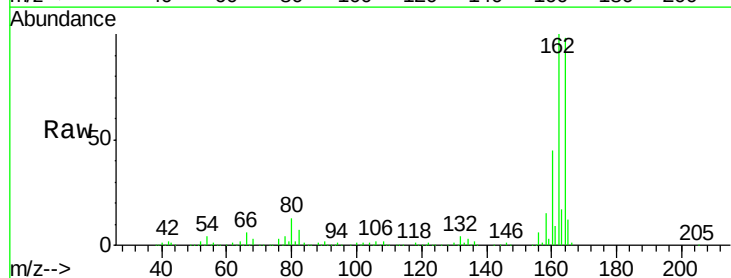
Instrument :
BNA_F
ClientSampleId :
SS02-0-2IN

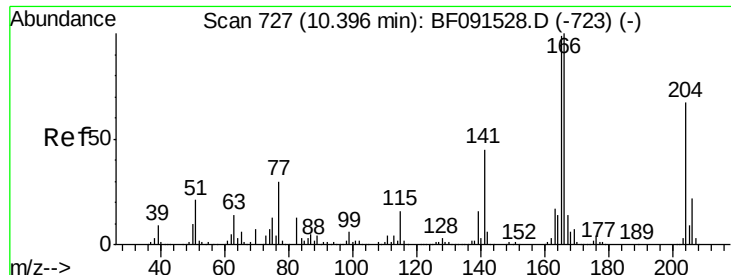
Tgt Ion:163 Resp: 233219
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.5 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 7.47 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Tgt Ion:165 Resp: 48976
Ion Ratio Lower Upper
165 100
63 0.9 29.0 43.4#
89 1.2 43.1 64.7#
182 0.0 1.9 2.9#

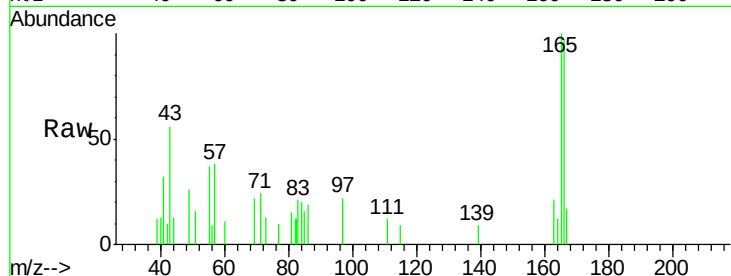




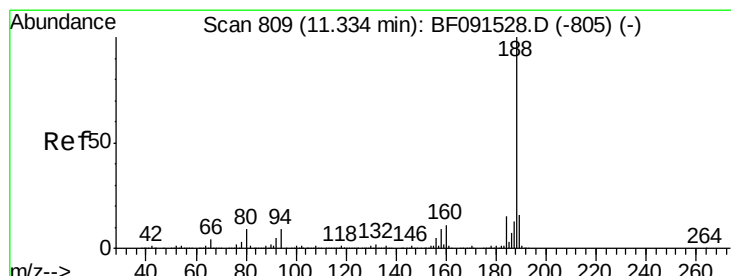
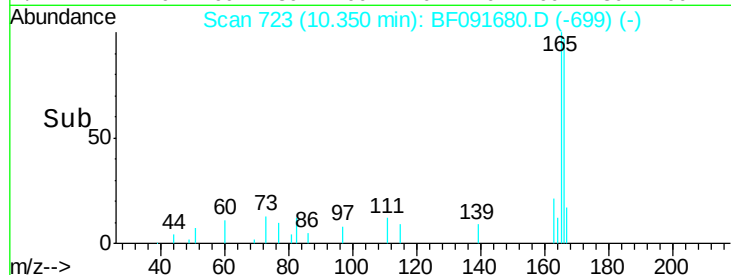
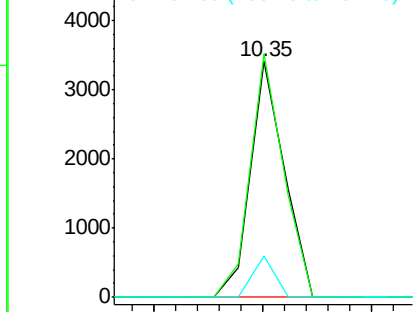
#57
Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

Tgt Ion:166 Resp: 3696
 Ion Ratio Lower Upper
 166 100
 165 103.4 80.0 120.0
 167 17.4 10.8 16.2#

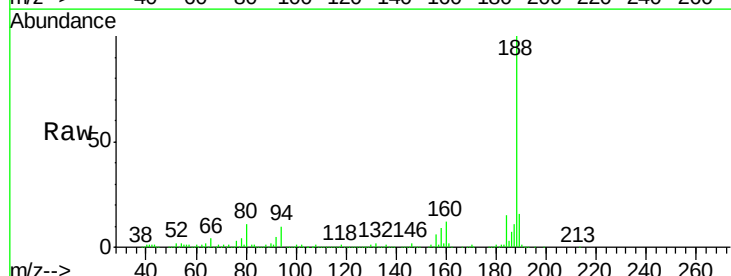


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

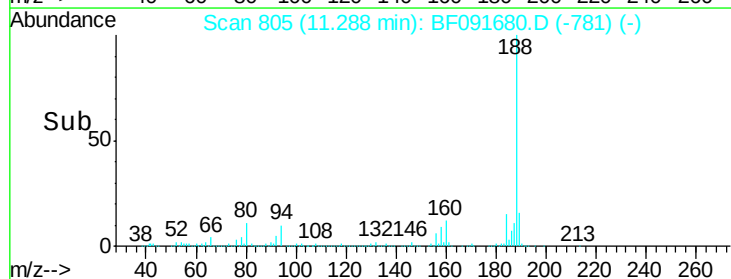
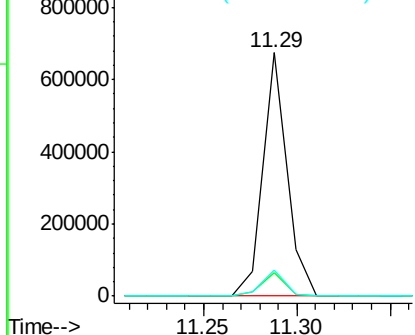


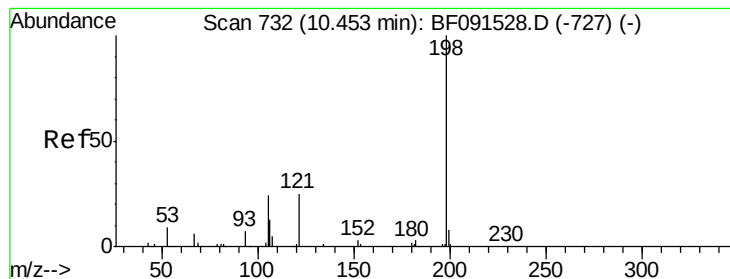
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Tgt Ion:188 Resp: 600958
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.2 13.8
 80 10.5 10.5 15.7



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





#64

4,6-Dinitro-2-methylphenol

Concen: 3.29 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.17 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

Instrument :

BNA_F

ClientSampleId :

SS02-0-2IN

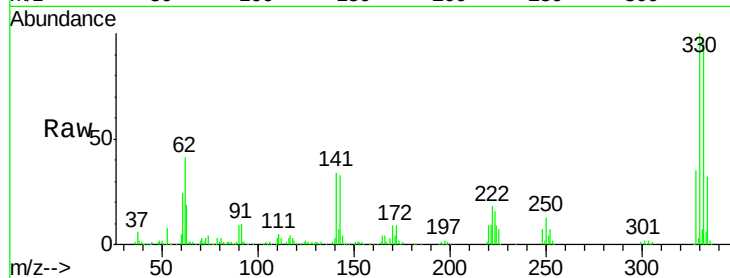
Tgt Ion:198 Resp: 1334

Ion Ratio Lower Upper

198 100

51 130.3 77.1 117.1#

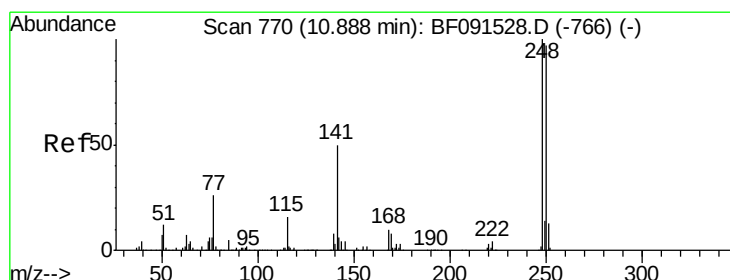
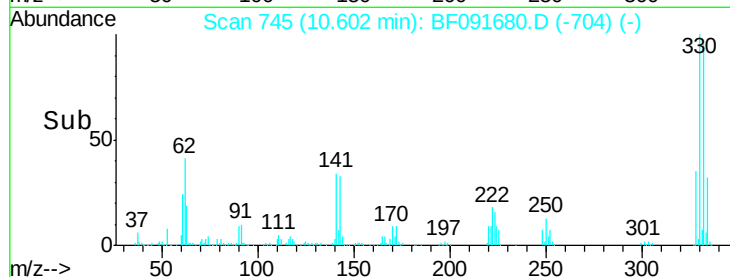
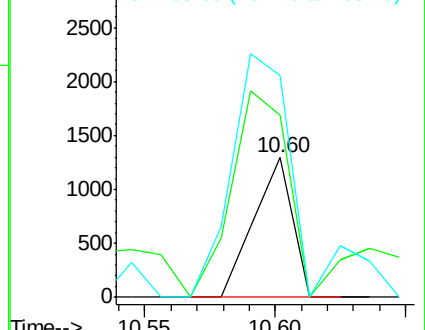
105 159.4 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.39 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF091680.D

Acq: 16 Dec 2016 18:42

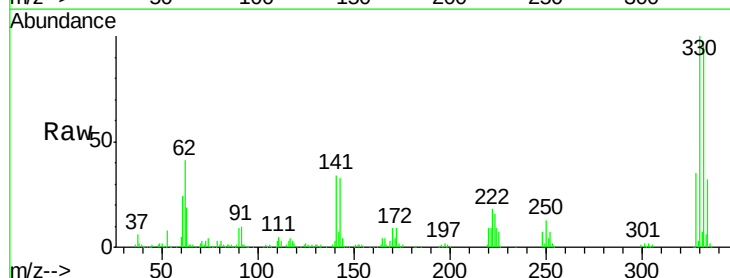
Tgt Ion:248 Resp: 33212

Ion Ratio Lower Upper

248 100

250 196.8 78.2 117.4#

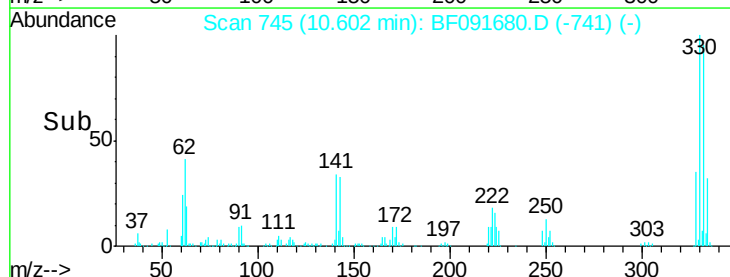
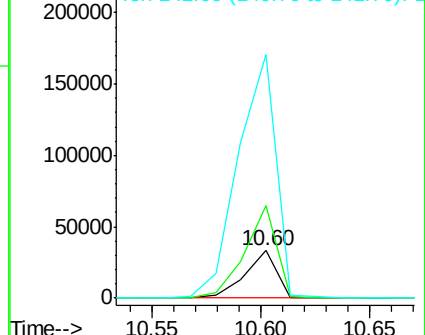
141 515.4 71.9 107.9#

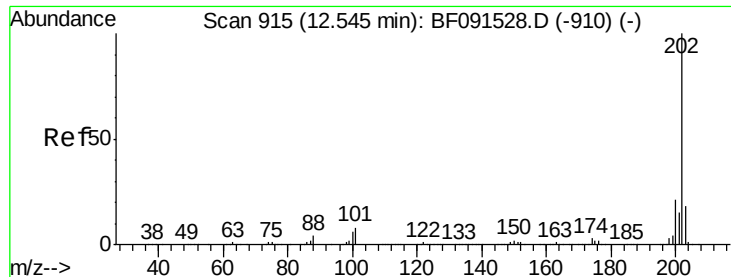


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

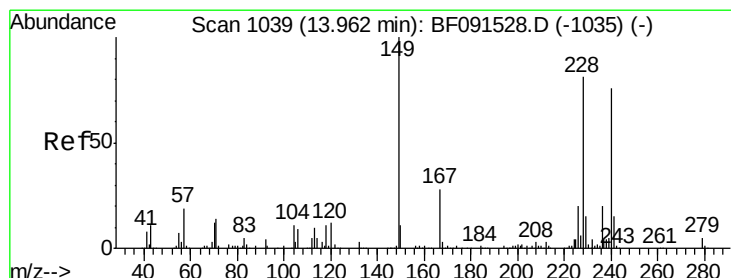
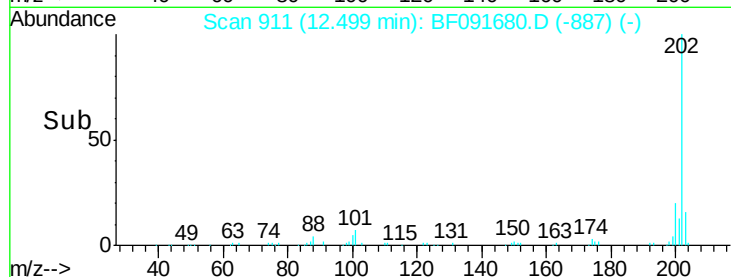
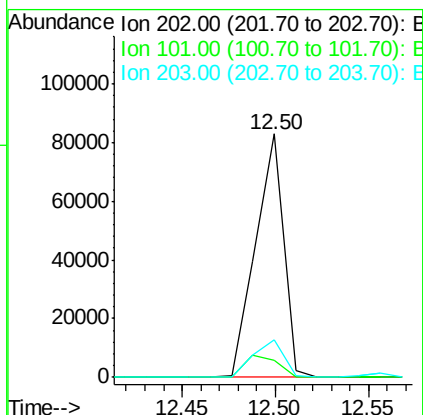
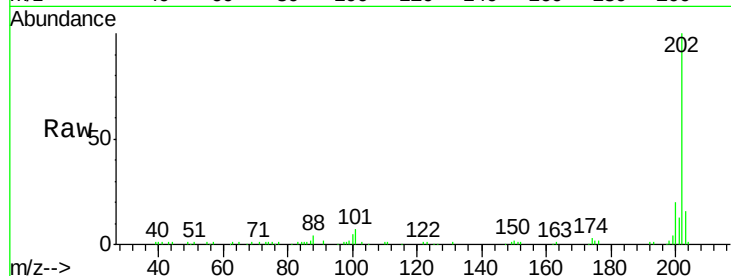




#74
 Fluoranthene
 Concen: 2.76 ng
 RT: 12.50 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

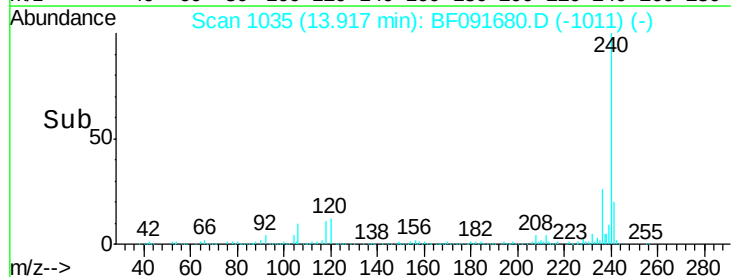
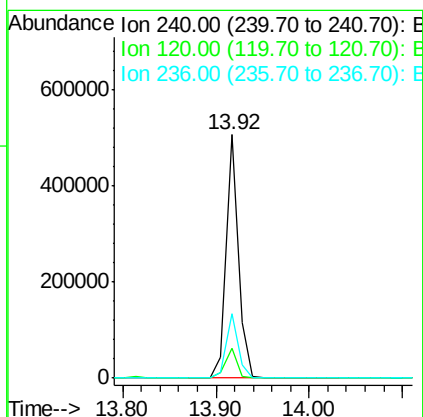
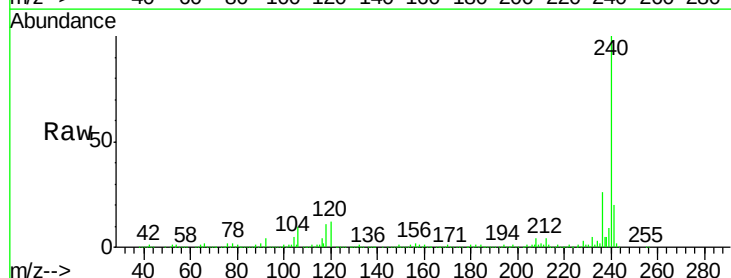
Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

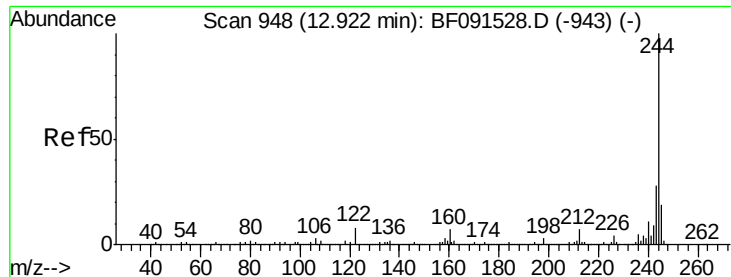
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	29.5
203	15.6	0.0	37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.1	18.1
236	26.3	21.0	31.6

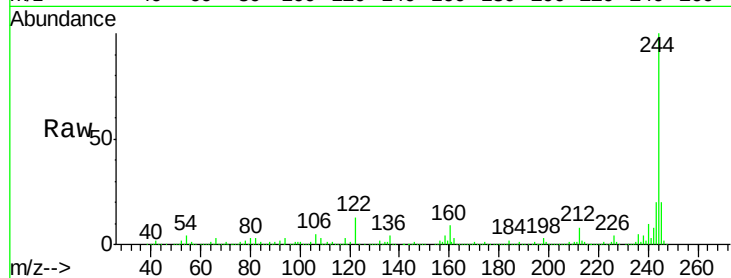




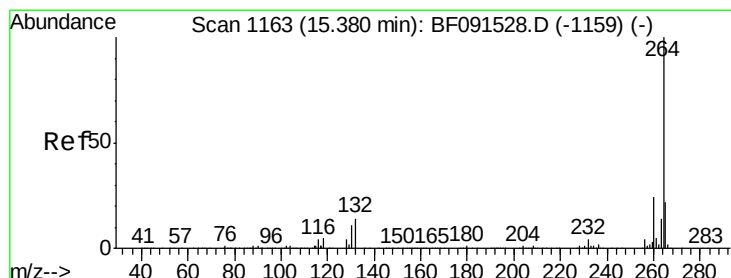
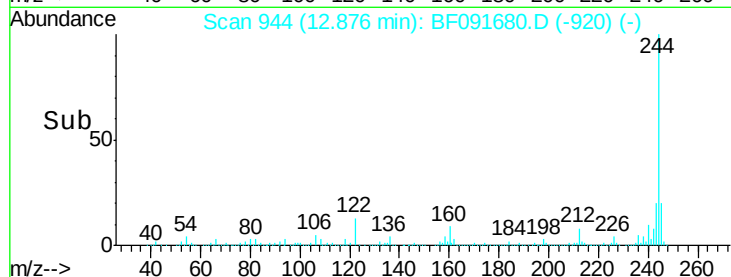
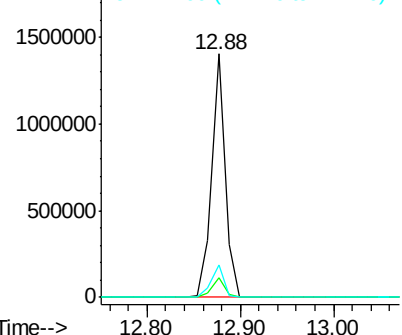
#78
 Terphenyl-d14
 Concen: 69.02 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SS02-0-2IN

Tgt Ion:244 Resp: 1410703
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 13.3 9.5 14.3

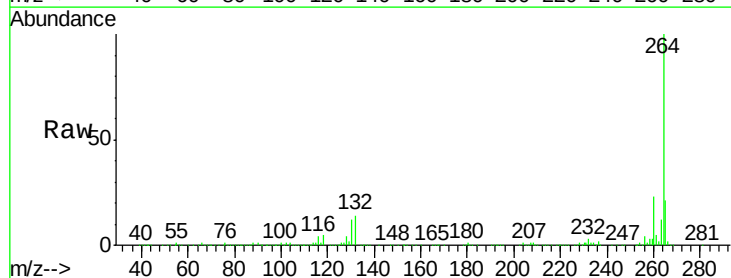


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

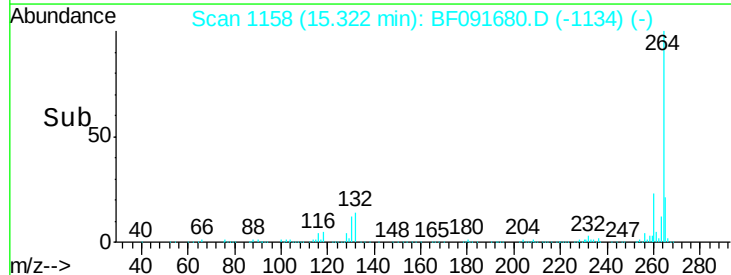
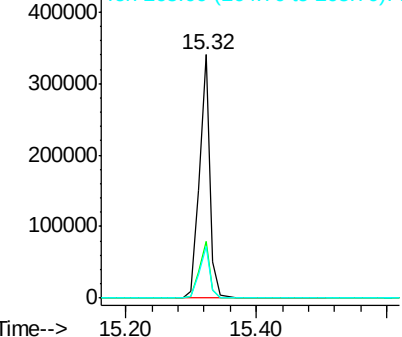


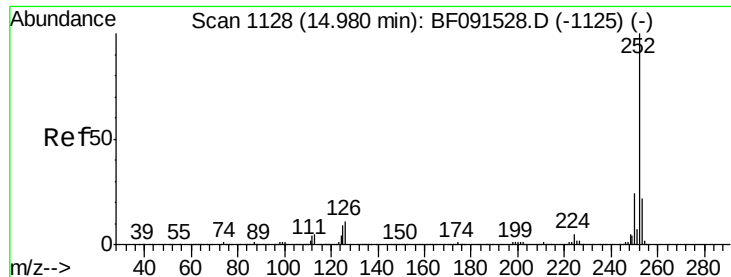
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF091680.D
 Acq: 16 Dec 2016 18:42

Tgt Ion:264 Resp: 387522
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.2 17.0 25.6



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

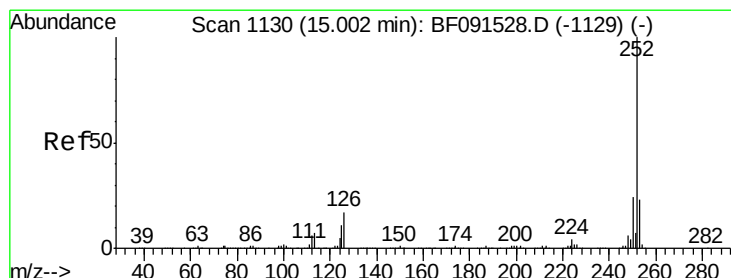
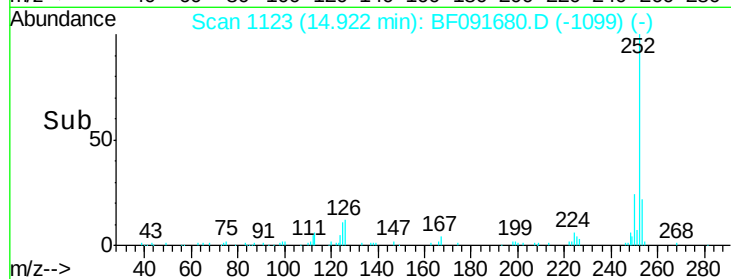
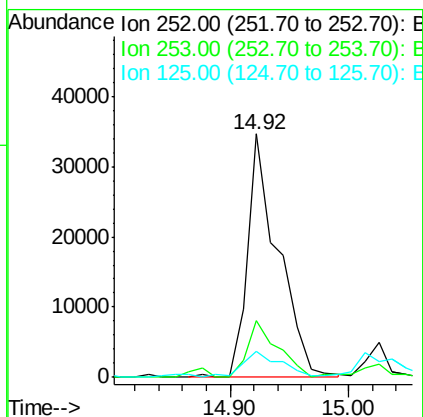
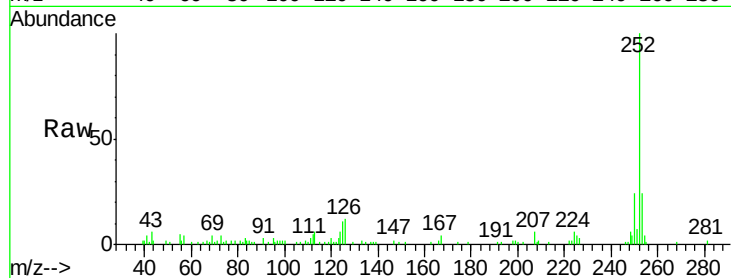




#87
Benzo(b)fluoranthene
Concen: 2.69 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Instrument :
BNA_F
ClientSampleId :
SS02-0-2IN

Tgt Ion:252 Resp: 62084
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 10.9 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 3.06 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF091680.D
Acq: 16 Dec 2016 18:42

Tgt Ion:252 Resp: 62084
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.9 9.6 14.4

