

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092245.D
 Acq On : 13 Jan 2017 13:18
 Operator : UM/SJ
 Sample : I1131-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-003

Quant Time: Jan 13 17:53:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	189687	20.00	ng	-0.05
21) Naphthalene-d8	7.87	136	729832	20.00	ng	-0.07
38) Acenaphthene-d10	9.62	164	322703	20.00	ng	-0.07
63) Phenanthrene-d10	11.10	188	450626	20.00	ng	-0.05
75) Chrysene-d12	13.72	240	325279	20.00	ng	-0.07
86) Perylene-d12	15.08	264	310106	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1963218	172.81	ng	-0.04
7) Phenol-d6	6.26	99	2157786	155.57	ng	-0.05
23) Nitrobenzene-d5	7.16	82	1266662	96.51	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	393647	147.40	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1957662	131.33	ng	-0.05
78) Terphenyl-d14	12.68	244	1146125	85.45	ng	-0.07

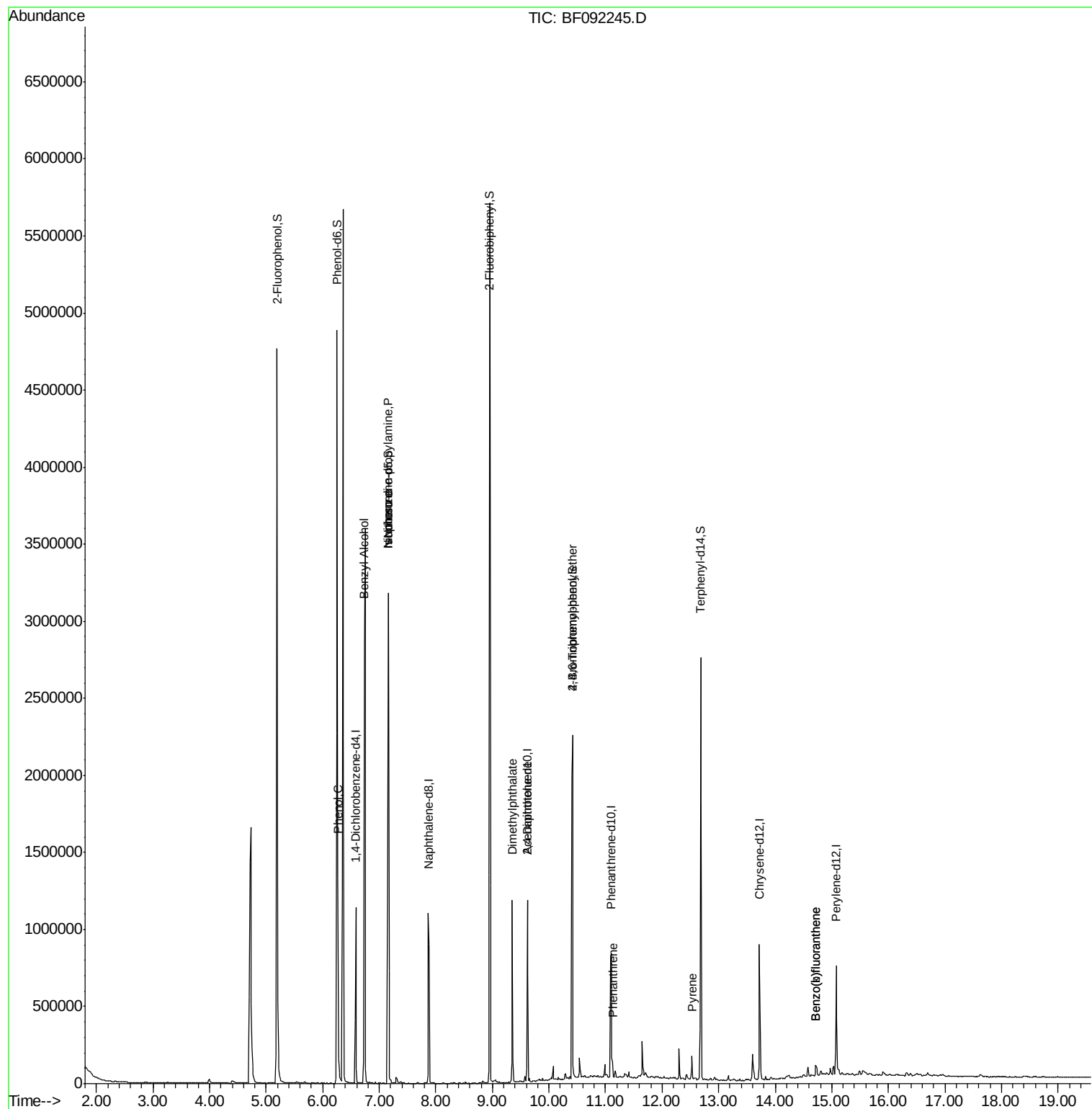
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.27	94	44707	2.83	ng	92
15) Benzyl Alcohol	6.74	79	23087	2.14	ng	# 46
19) n-Nitroso-di-n-propylamine	7.16	70	166355	18.03	ng	# 77
25) Isophorone	7.16	82	1258291	51.96	ng	# 65
37) 2-Methylnaphthalene	8.59	142	1780	Below Cal		87
49) Dimethylphthalate	9.35	163	450964	21.85	ng	99
56) 2,4-Dinitrotoluene	9.62	165	41263	7.28	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	25147	5.36	ng	# 1
70) Phenanthrene	11.12	178	60873	2.49	ng	97
71) Anthracene	11.17	178	14535	Below Cal		97
73) Di-n-butylphthalate	11.67	149	5273	Below Cal	#	87
74) Fluoranthene	12.30	202	75736	Below Cal		96
76) Benzydine	12.68	184	14638	Below Cal	#	96
77) Pyrene	12.53	202	67282	2.82	ng	97
87) Benzo(b)fluoranthene	14.71	252	49038	2.54	ng	# 93
88) Benzo(k)fluoranthene	14.71	252	49038	2.98	ng	# 92

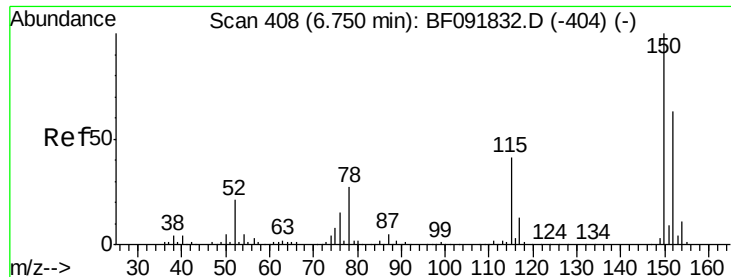
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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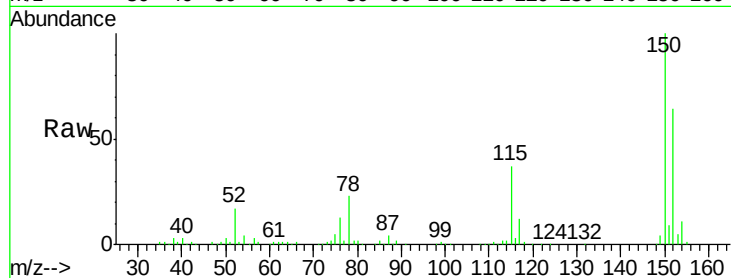


#1

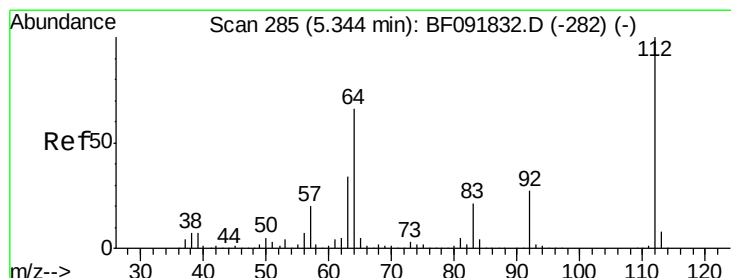
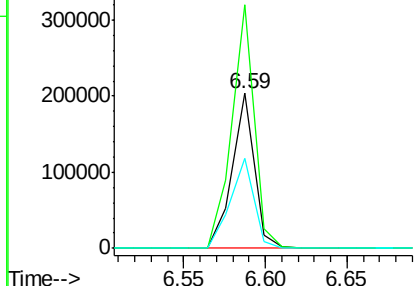
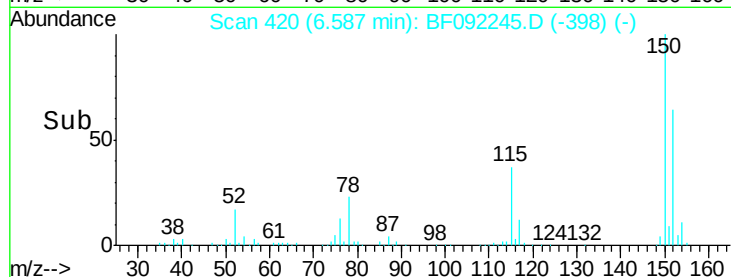
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 420
Delta R.T. -0.05 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampled :
SW-003

Tgt Ion:152 Resp: 189687
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 57.8 46.0 69.0



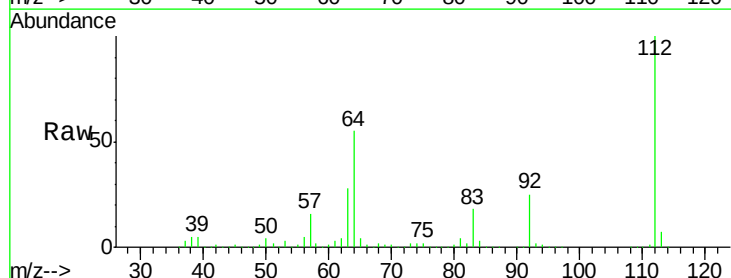
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



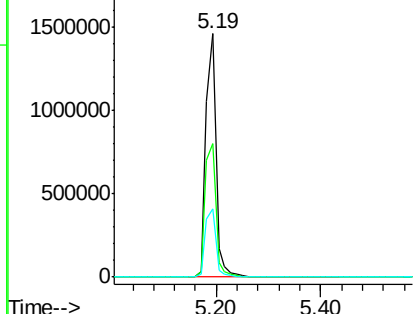
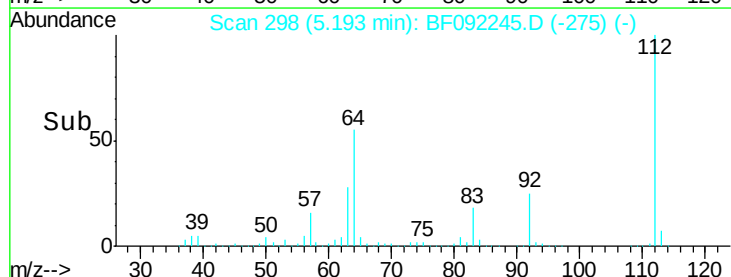
#5

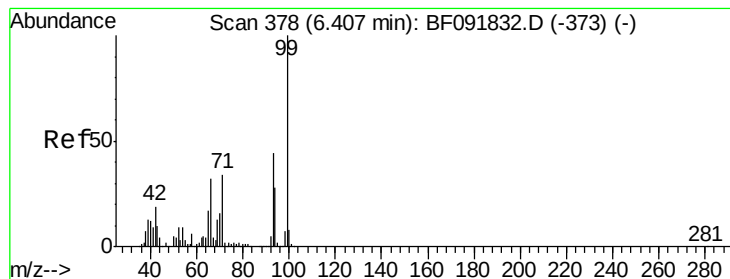
2-Fluorophenol
Concen: 172.81 ng
RT: 5.19 min Scan# 298
Delta R.T. -0.04 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion:112 Resp: 1963218
Ion Ratio Lower Upper
112 100
64 55.1 46.1 69.1
63 27.9 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: 155.57 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

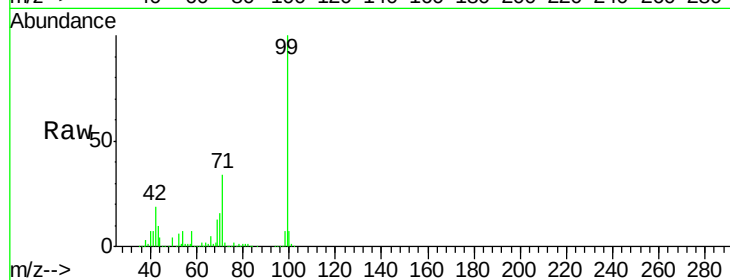
Tgt Ion: 99 Resp: 2157786

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

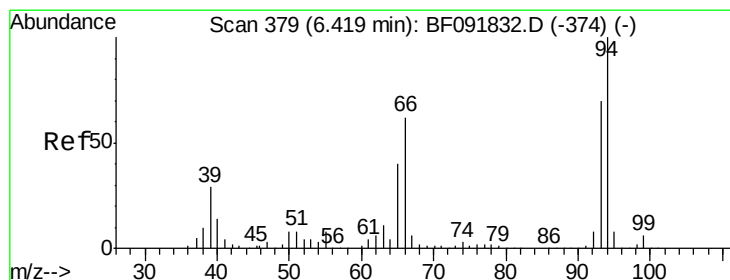
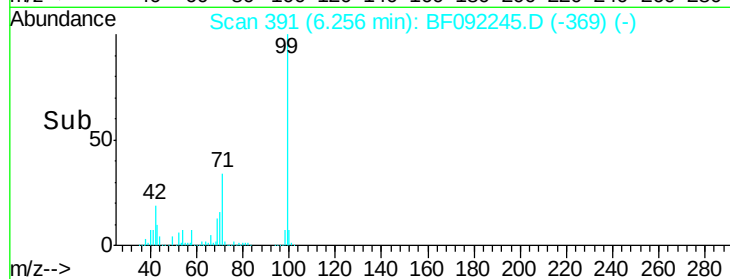
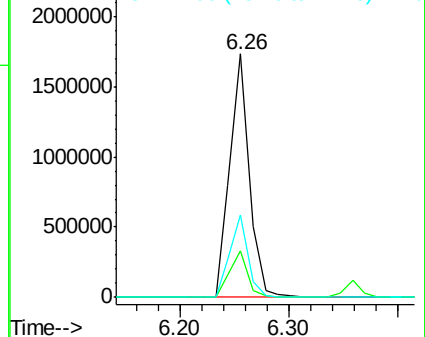
71 33.7 27.5 41.3



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: 2.83 ng

RT: 6.27 min Scan# 392

Delta R.T. -0.05 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

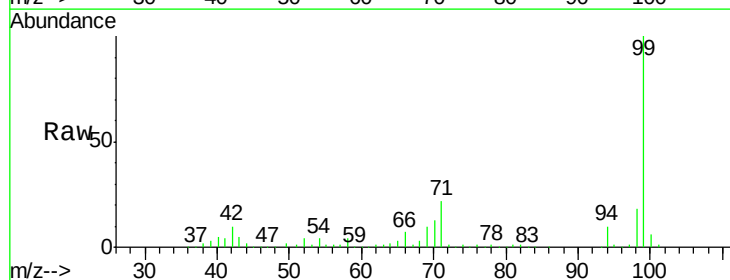
Tgt Ion: 94 Resp: 44707

Ion Ratio Lower Upper

94 100

65 33.4 21.4 61.4

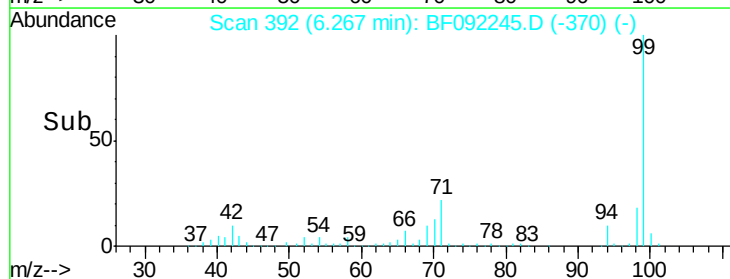
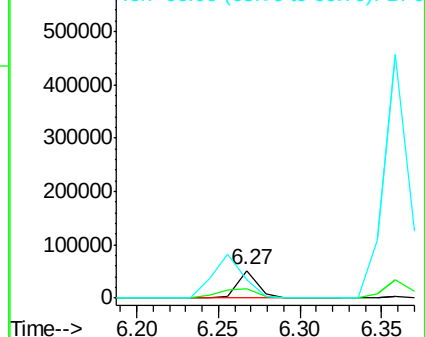
66 67.2 44.0 84.0

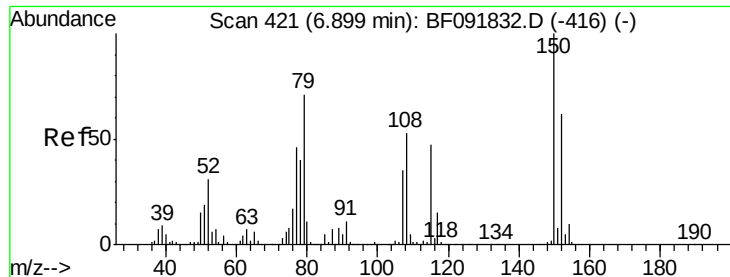


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampled :

SW-003

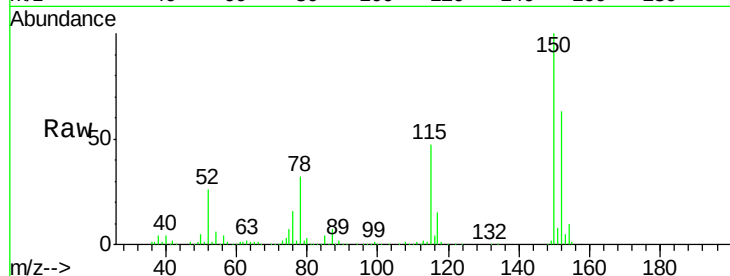
Tgt Ion: 79 Resp: 23087

Ion Ratio Lower Upper

79 100

108 24.0 61.4 92.0#

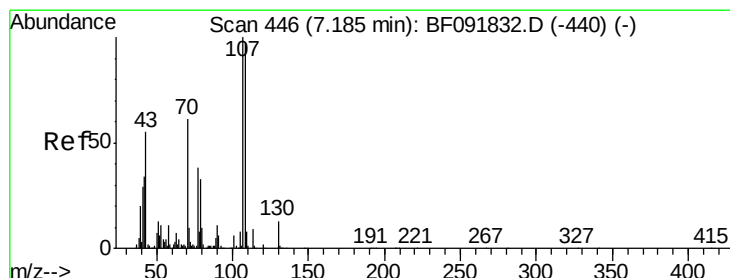
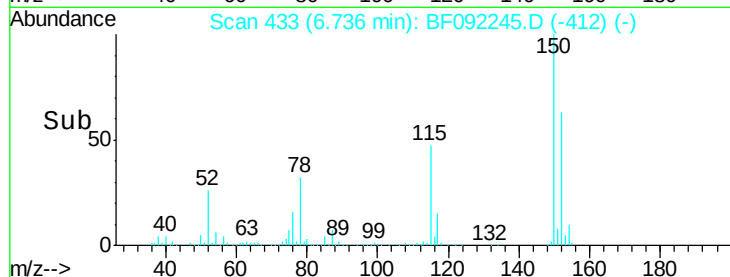
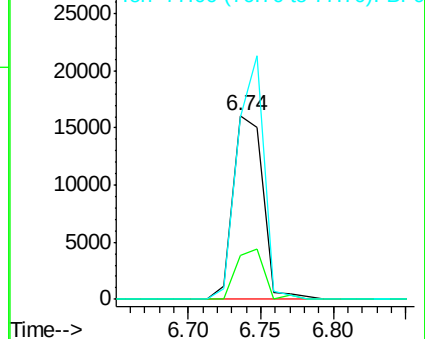
77 99.1 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.03 ng

RT: 7.16 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Tgt Ion: 70 Resp: 166355

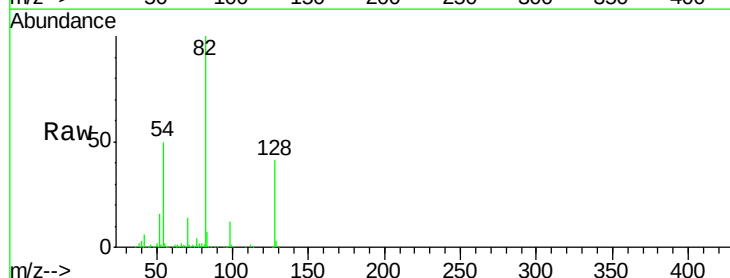
Ion Ratio Lower Upper

70 100

42 47.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

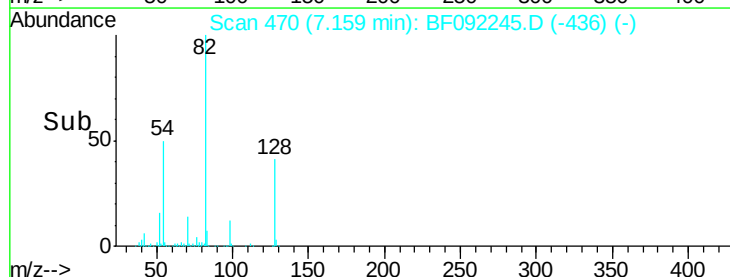
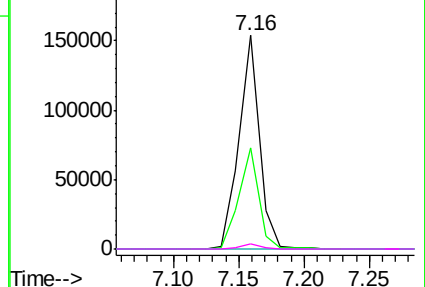


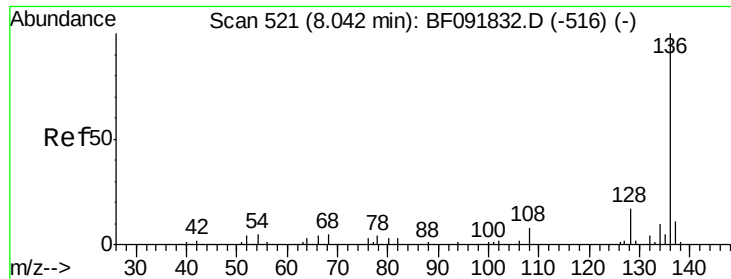
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

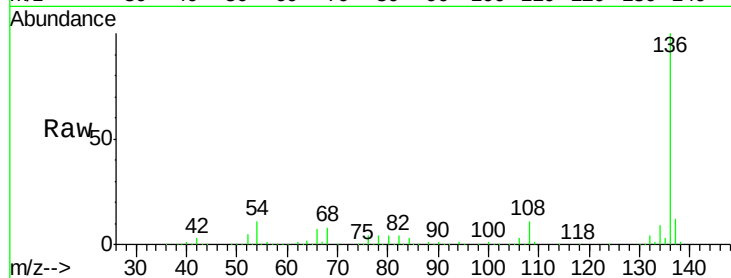




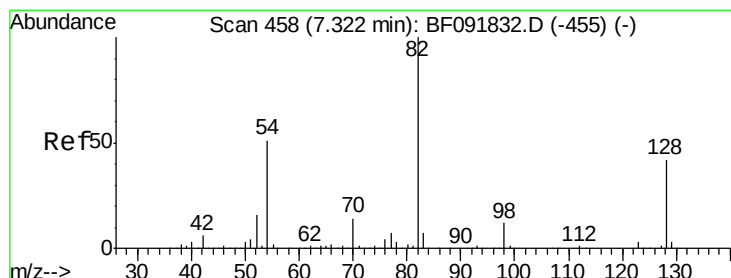
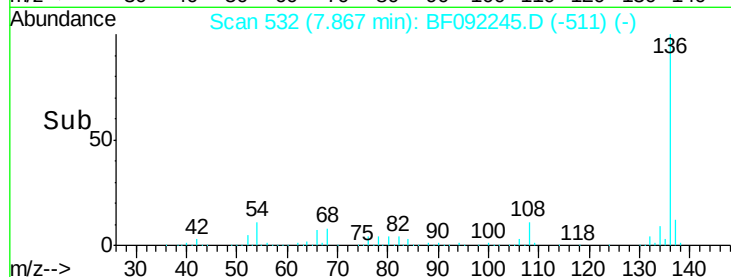
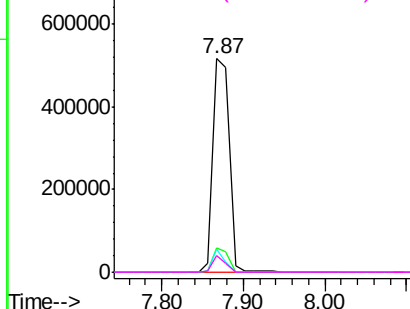
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.07 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
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ClientSampleId :
SW-003

Tgt Ion:	136	Resp:	729832
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	10.6	4.5	6.7#
68	7.9	3.6	5.4#

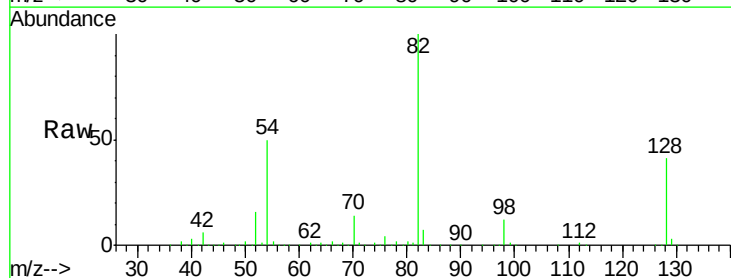


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

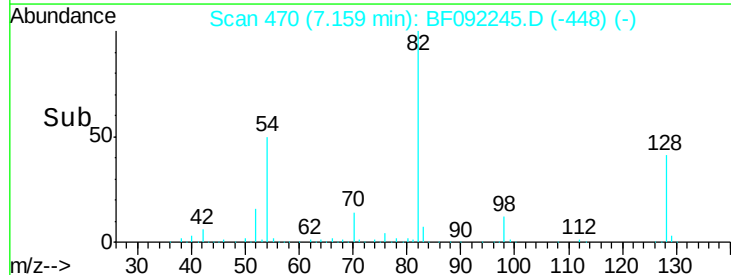
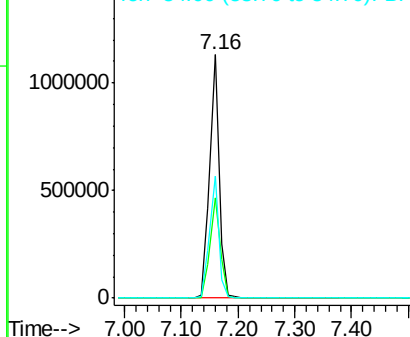


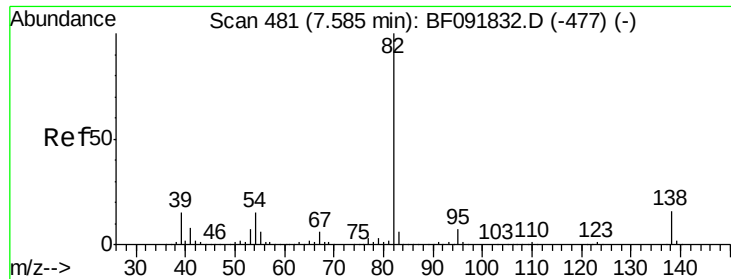
#23
Nitrobenzene-d5
Concen: 96.51 ng
RT: 7.16 min Scan# 470
Delta R.T. -0.05 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion:	82	Resp:	1266662
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	50.2	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





#25

Isophorone

Concen: 51.96 ng

RT: 7.16 min Scan# 470

Delta R.T. -0.32 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

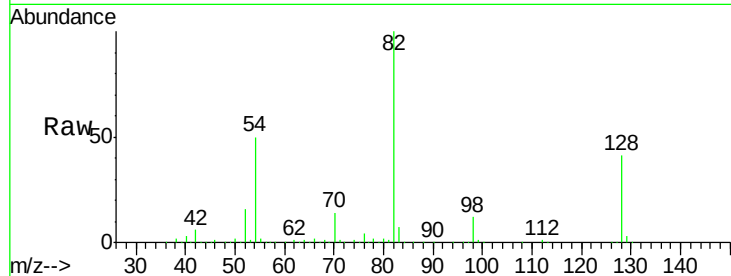
Tgt Ion: 82 Resp: 1258291

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

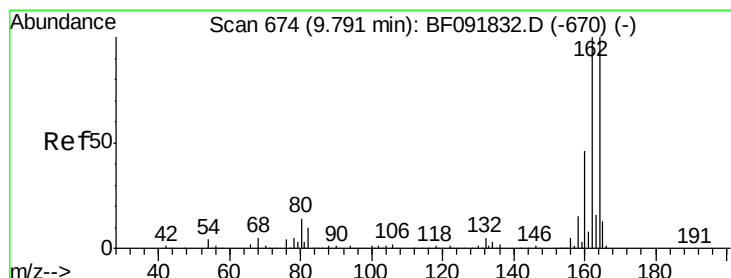
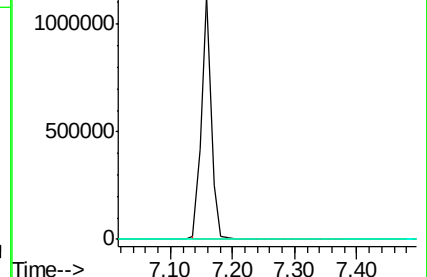
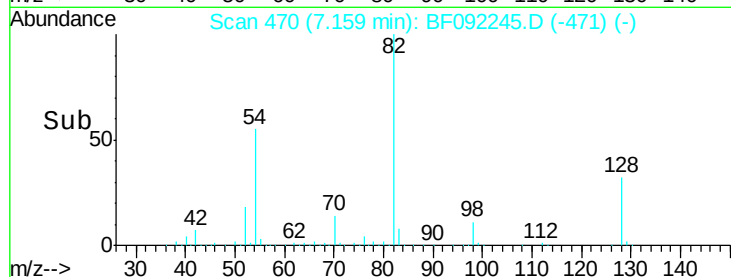
138 0.0 14.6 22.0#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

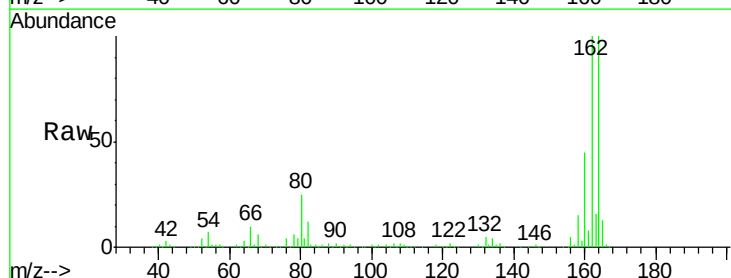
Tgt Ion: 164 Resp: 322703

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

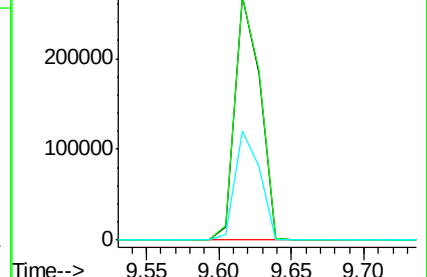
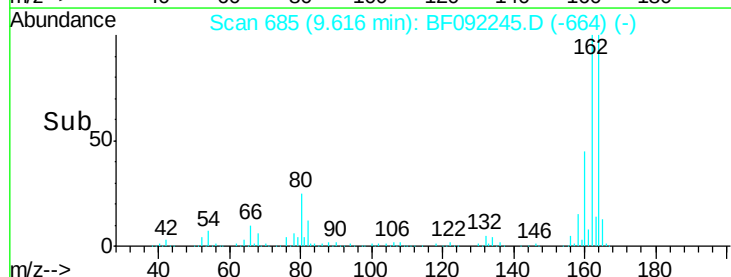
160 44.6 36.9 55.3

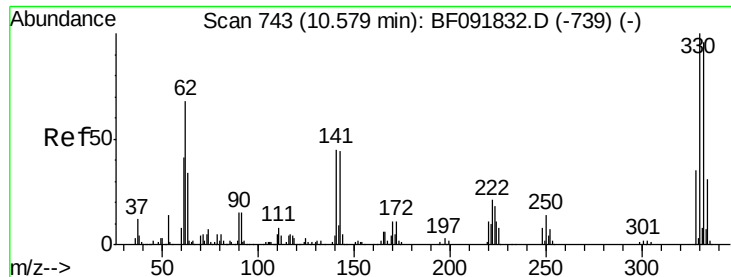


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

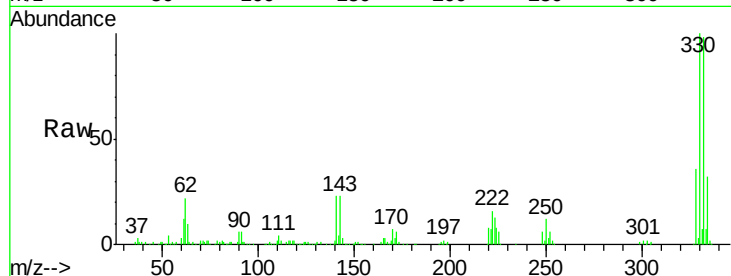




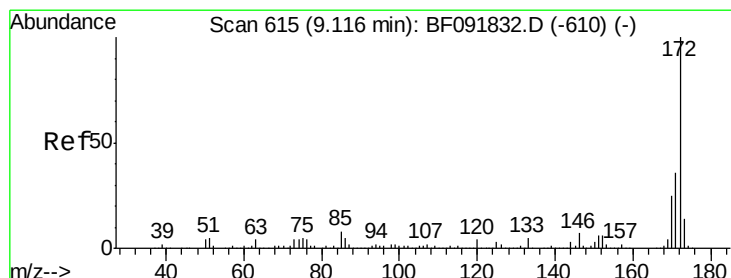
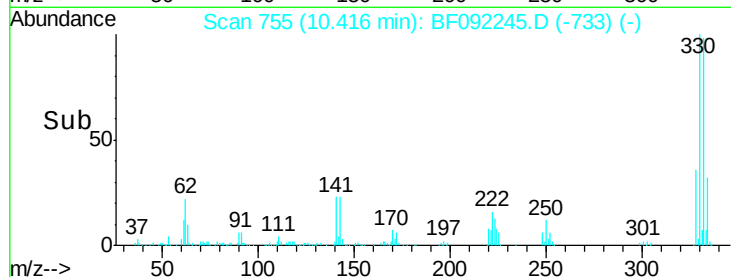
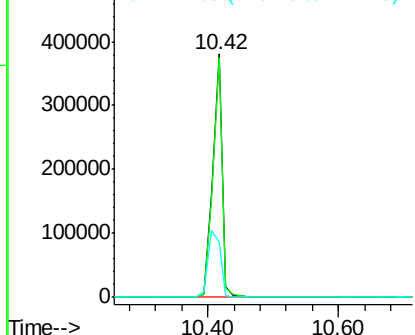
#41
 2,4,6-Tribromophenol
 Concen: 147.40 ng
 RT: 10.42 min Scan# 755
 Delta R.T. -0.05 min
 Lab File: BF092245.D
 Acq: 13 Jan 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SW-003

Tgt Ion:330 Resp: 393647
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 36.1 34.1 51.1

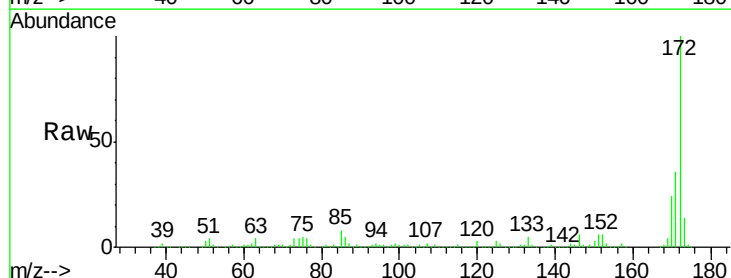


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

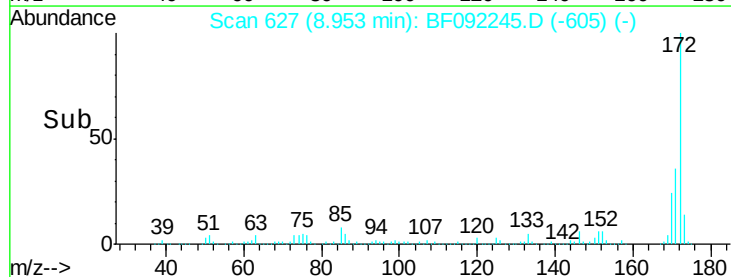
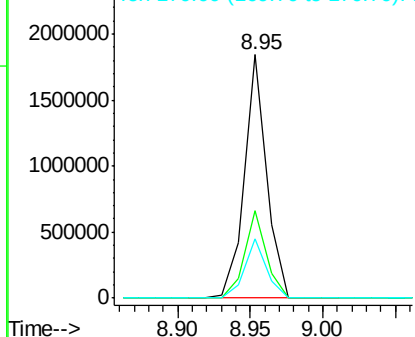


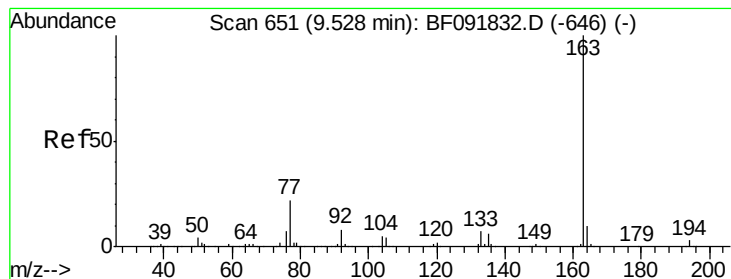
#44
 2-Fluorobiphenyl
 Concen: 131.33 ng
 RT: 8.95 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF092245.D
 Acq: 13 Jan 2017 13:18

Tgt Ion:172 Resp: 1957662
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 21.85 ng

RT: 9.35 min Scan# 662

Delta R.T. -0.07 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

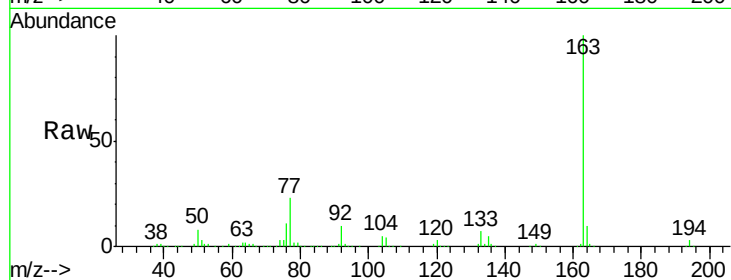
Tgt Ion:163 Resp: 450964

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

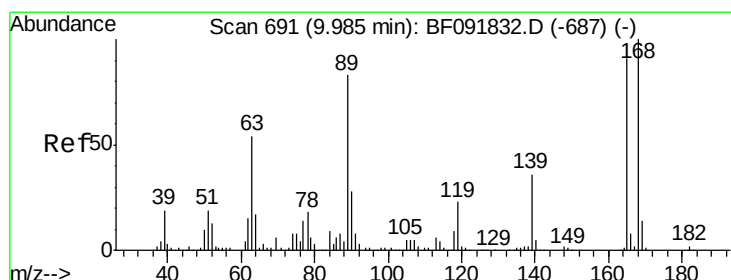
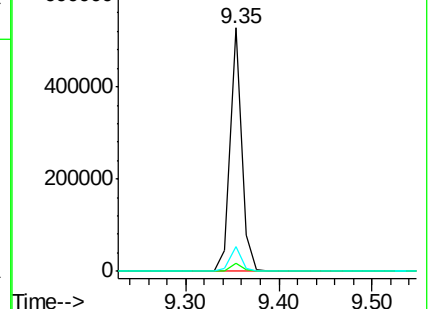
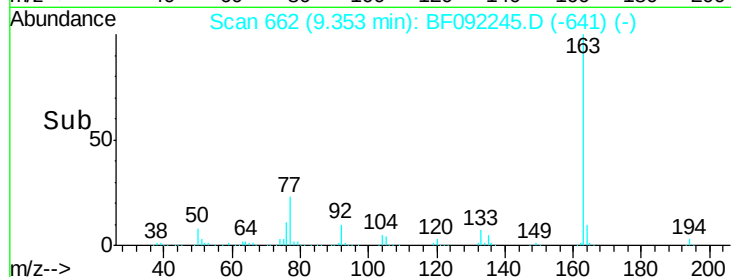
164 10.3 8.0 12.0



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: 7.28 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.27 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Tgt Ion:165 Resp: 41263

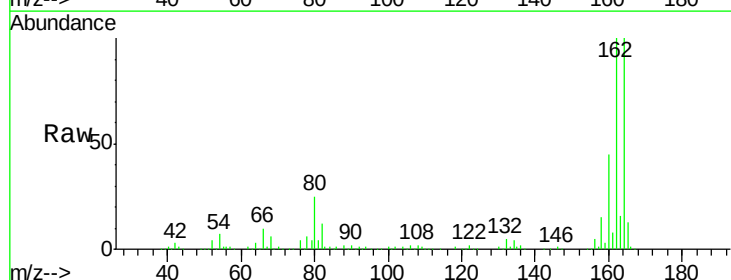
Ion Ratio Lower Upper

165 100

63 1.6 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

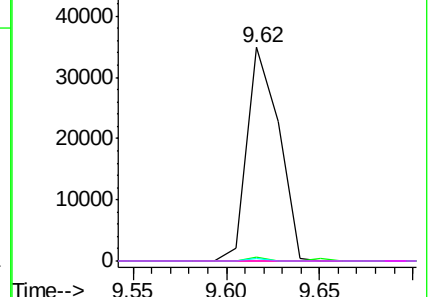
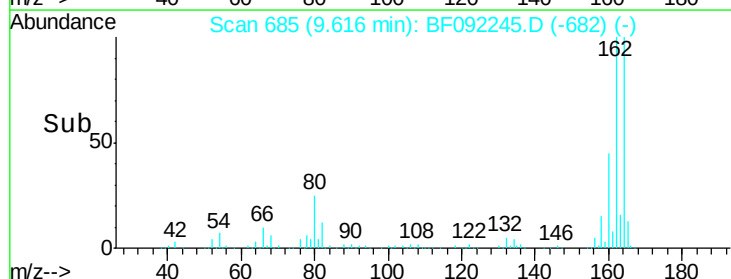


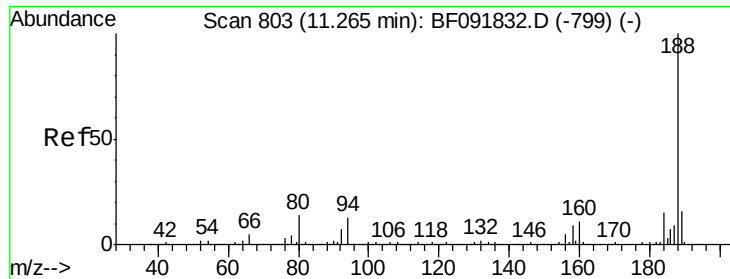
Abundance Ion 165.00 (164.70 to 165.70): E

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

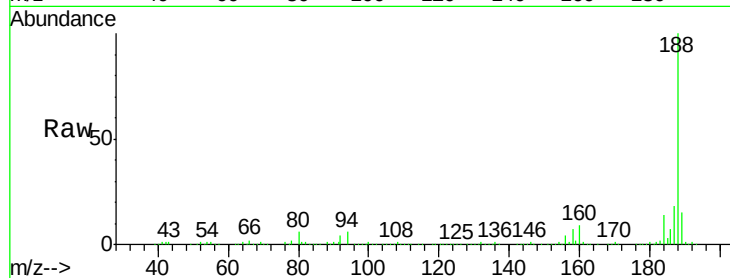




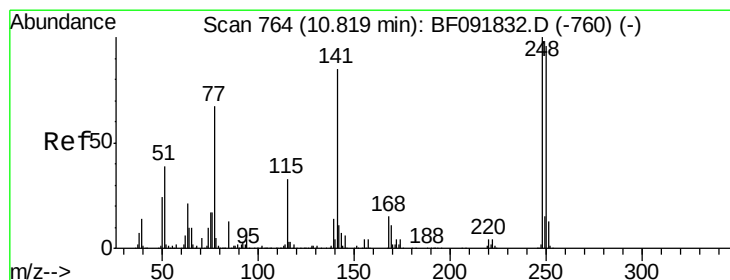
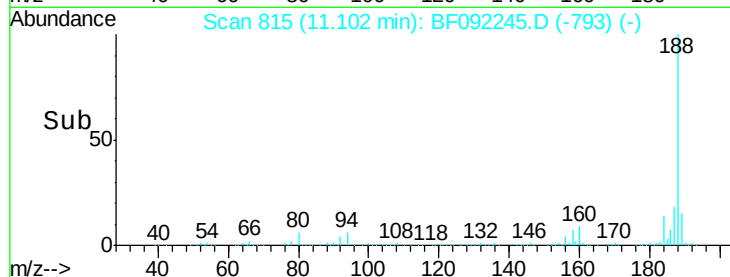
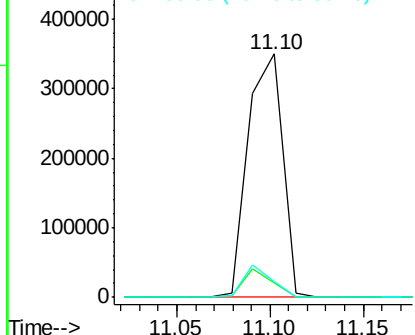
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SW-003

Tgt Ion:188 Resp: 450626
Ion Ratio Lower Upper
188 100
94 6.2 10.0 15.0#
80 6.3 11.2 16.8#

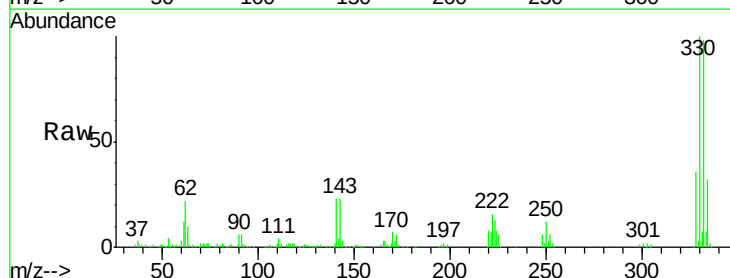


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

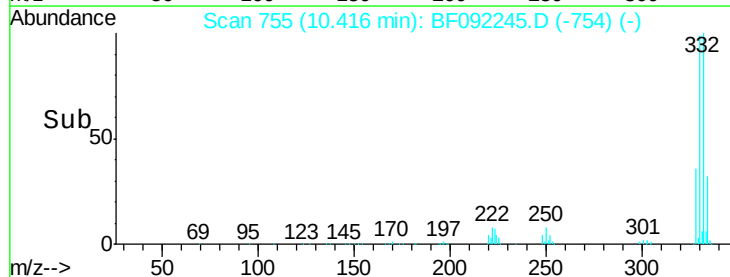
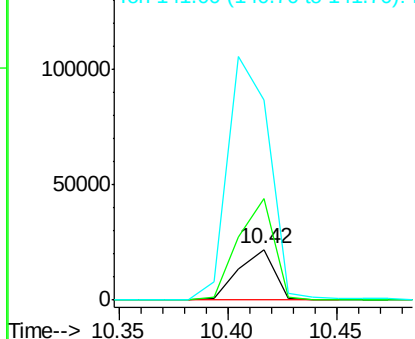


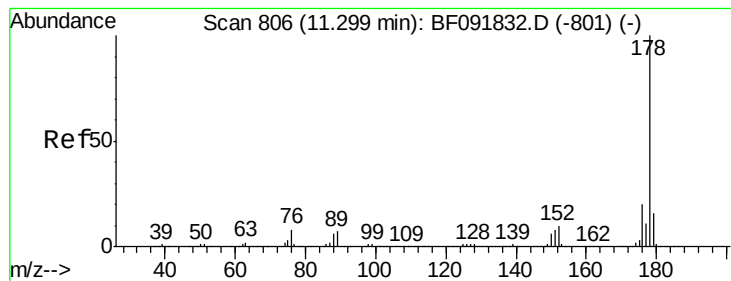
#66
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 10.42 min Scan# 755
Delta R.T. -0.29 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion:248 Resp: 25147
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 395.7 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





#70

Phenanthrene

Concen: 2.49 ng

RT: 11.12 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

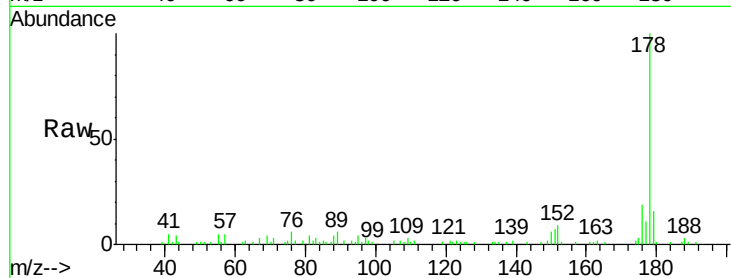
Tgt Ion:178 Resp: 60873

Ion Ratio Lower Upper

178 100

176 18.5 16.6 25.0

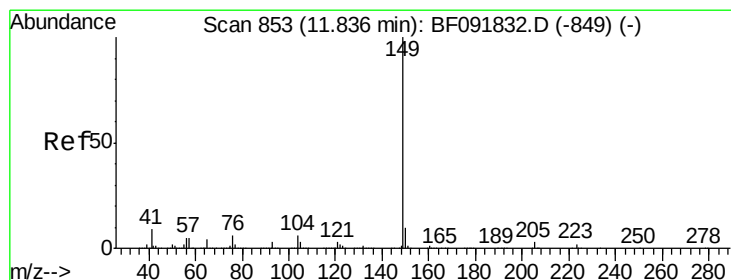
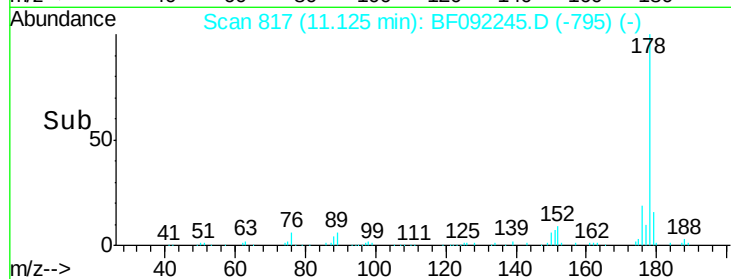
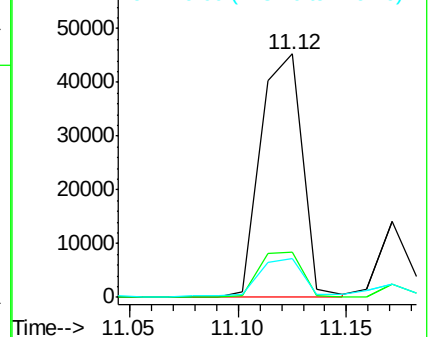
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.67 min Scan# 865

Delta R.T. -0.05 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

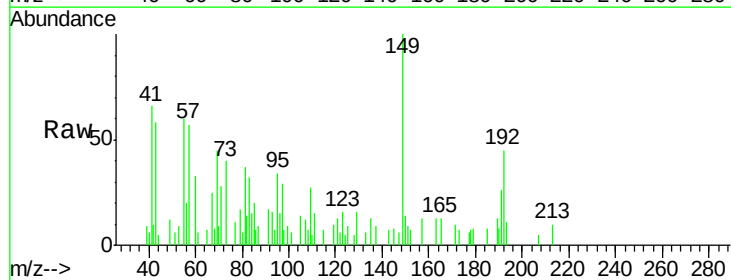
Tgt Ion:149 Resp: 5273

Ion Ratio Lower Upper

149 100

150 13.9 8.1 12.1#

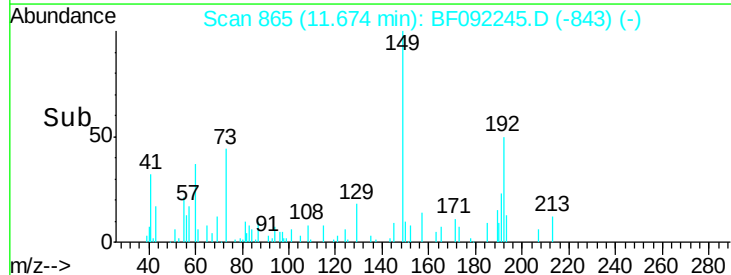
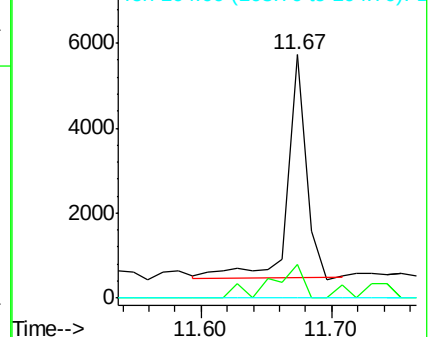
104 0.0 4.6 7.0#

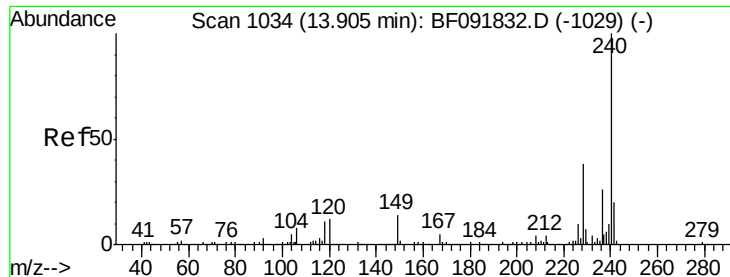


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

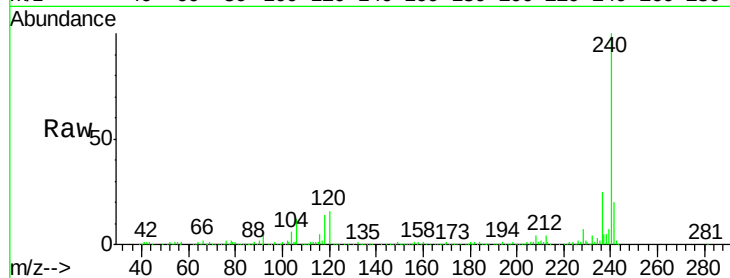
Tgt Ion:240 Resp: 325279

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

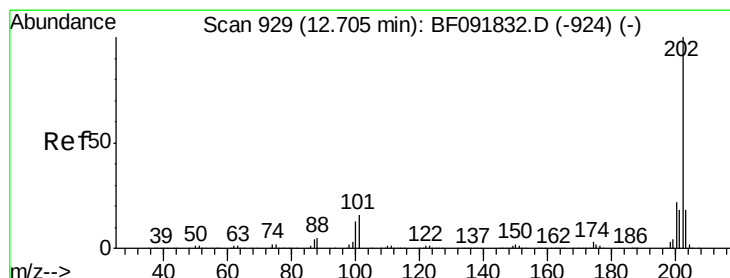
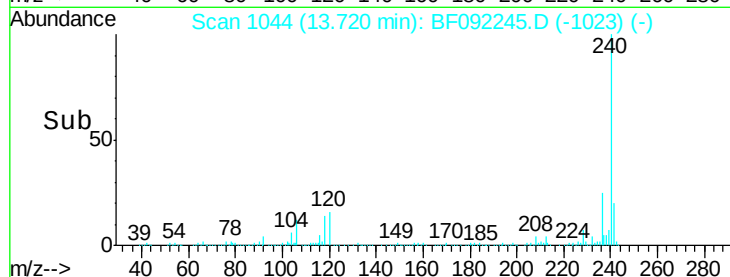
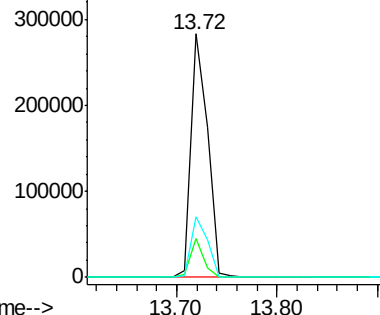
236 25.1 20.9 31.3



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



#77

Pyrene

Concen: 2.82 ng

RT: 12.53 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

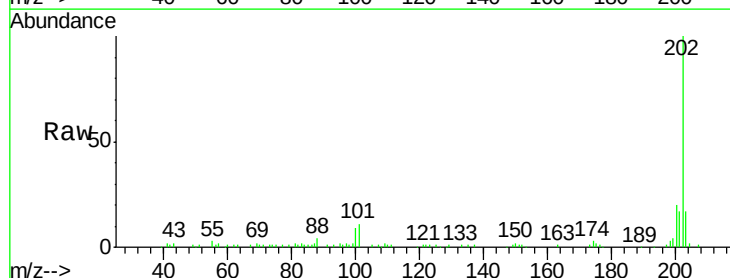
Tgt Ion:202 Resp: 67282

Ion Ratio Lower Upper

202 100

200 20.3 17.7 26.5

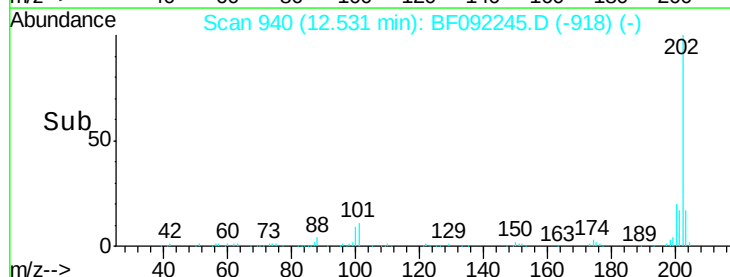
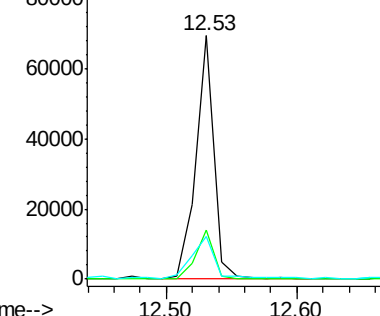
203 17.3 14.7 22.1

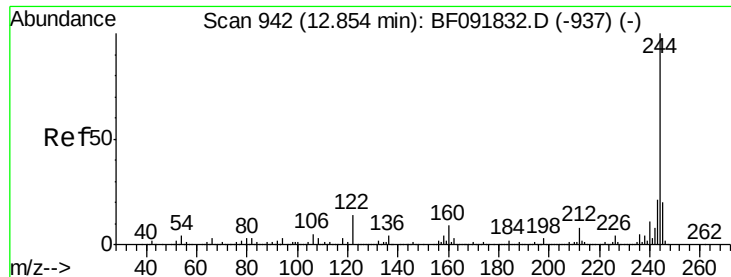


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

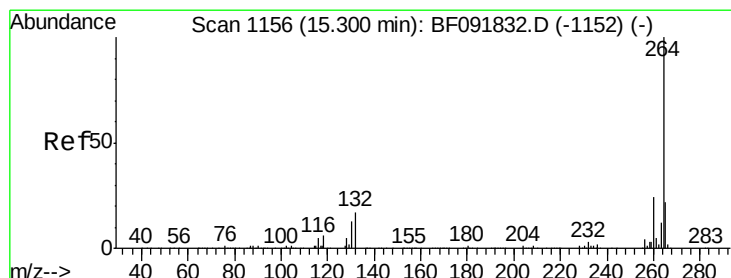
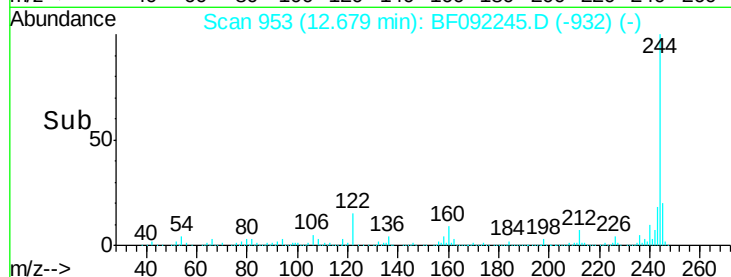
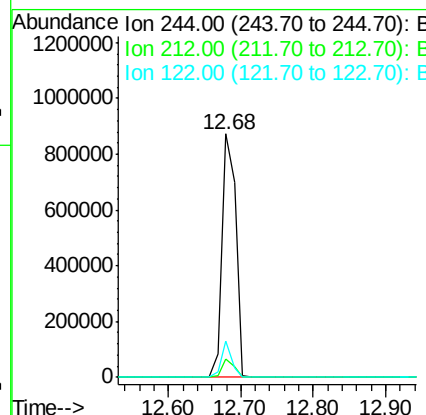
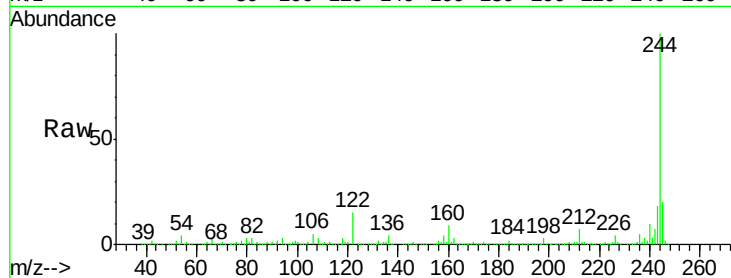




#78
 Terphenyl-d14
 Concen: 85.45 ng
 RT: 12.68 min Scan# 953
 Delta R.T. -0.07 min
 Lab File: BF092245.D
 Acq: 13 Jan 2017 13:18

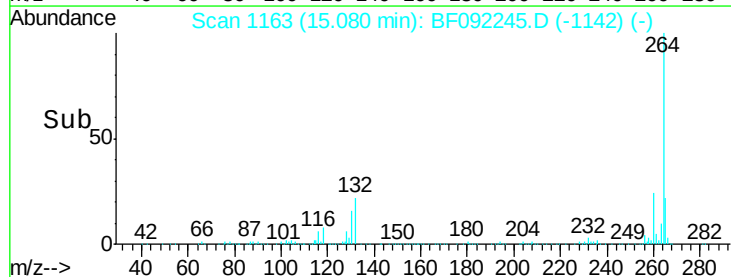
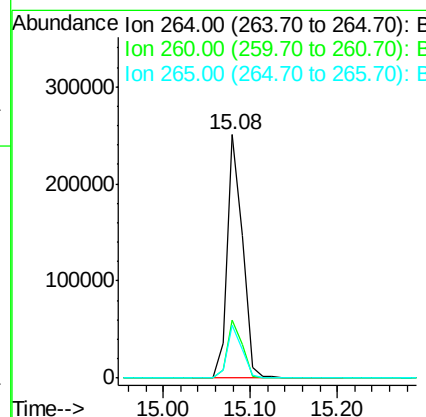
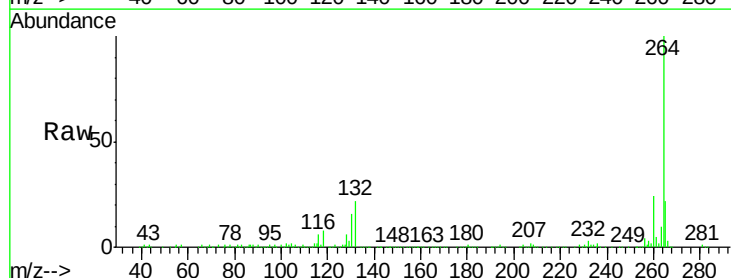
Instrument :
 BNA_F
 ClientSampleId :
 SW-003

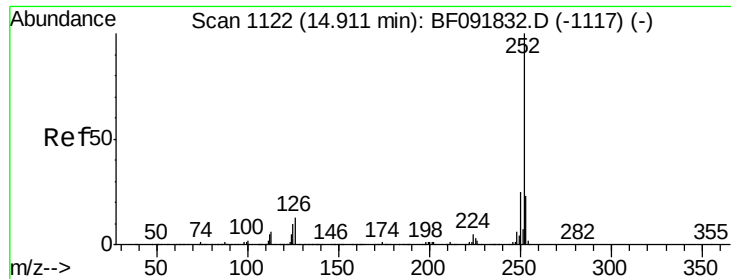
Tgt Ion:244 Resp: 1146125
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1163
 Delta R.T. -0.07 min
 Lab File: BF092245.D
 Acq: 13 Jan 2017 13:18

Tgt Ion:264 Resp: 310106
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 2.54 ng

RT: 14.71 min Scan# 1131

Delta R.T. -0.07 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

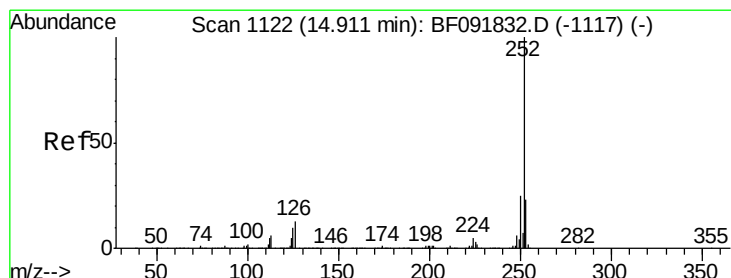
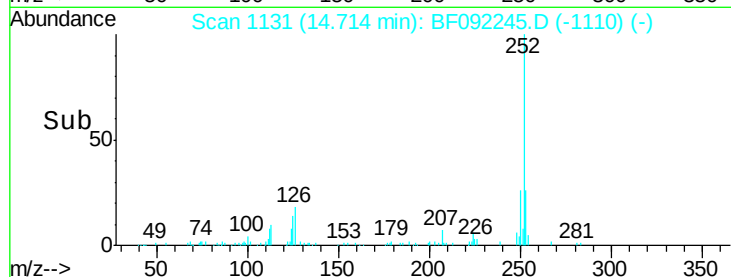
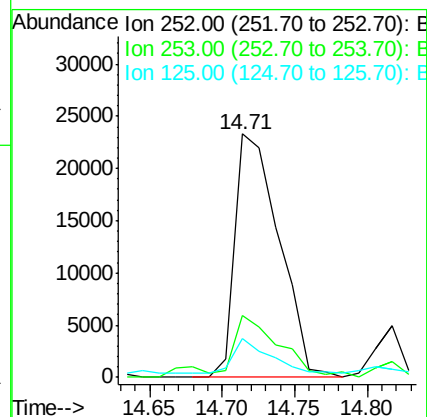
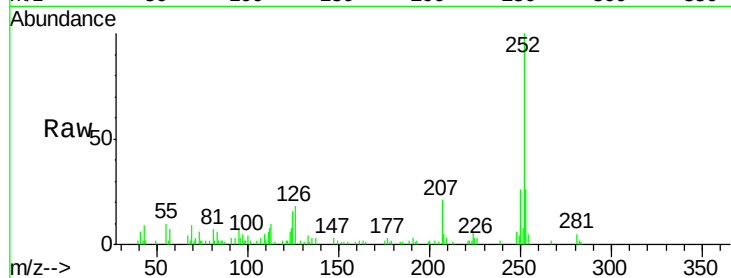
Instrument :

BNA_F

ClientSampleId :

SW-003

Tgt Ion:	252	Resp:	49038
Ion Ratio		Lower	Upper
252	100		
253	25.6	18.2	27.4
125	16.0	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 2.98 ng

RT: 14.71 min Scan# 1131

Delta R.T. -0.09 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Tgt Ion:	252	Resp:	49038
Ion Ratio		Lower	Upper
252	100		
253	25.6	18.5	27.7
125	16.0	8.9	13.3#

