

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098711.D
 Acq On : 22 Sep 2017 22:14
 Operator : SJ/JU
 Sample : I5335-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Quant Time: Sep 23 01:31:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163991	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	671890	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	284305	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	424322	20.00	ng	0.00
75) Chrysene-d12	14.09	240	345815	20.00	ng	0.00
86) Perylene-d12	15.59	264	318080	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	186594	17.28	ng	0.00
7) Phenol-d6	6.53	99	230062	17.59	ng	-0.01
23) Nitrobenzene-d5	7.48	82	126465	12.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	39840	15.32	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	244977	13.71	ng	0.00
78) Terphenyl-d14	13.03	244	170333	10.58	ng	0.00

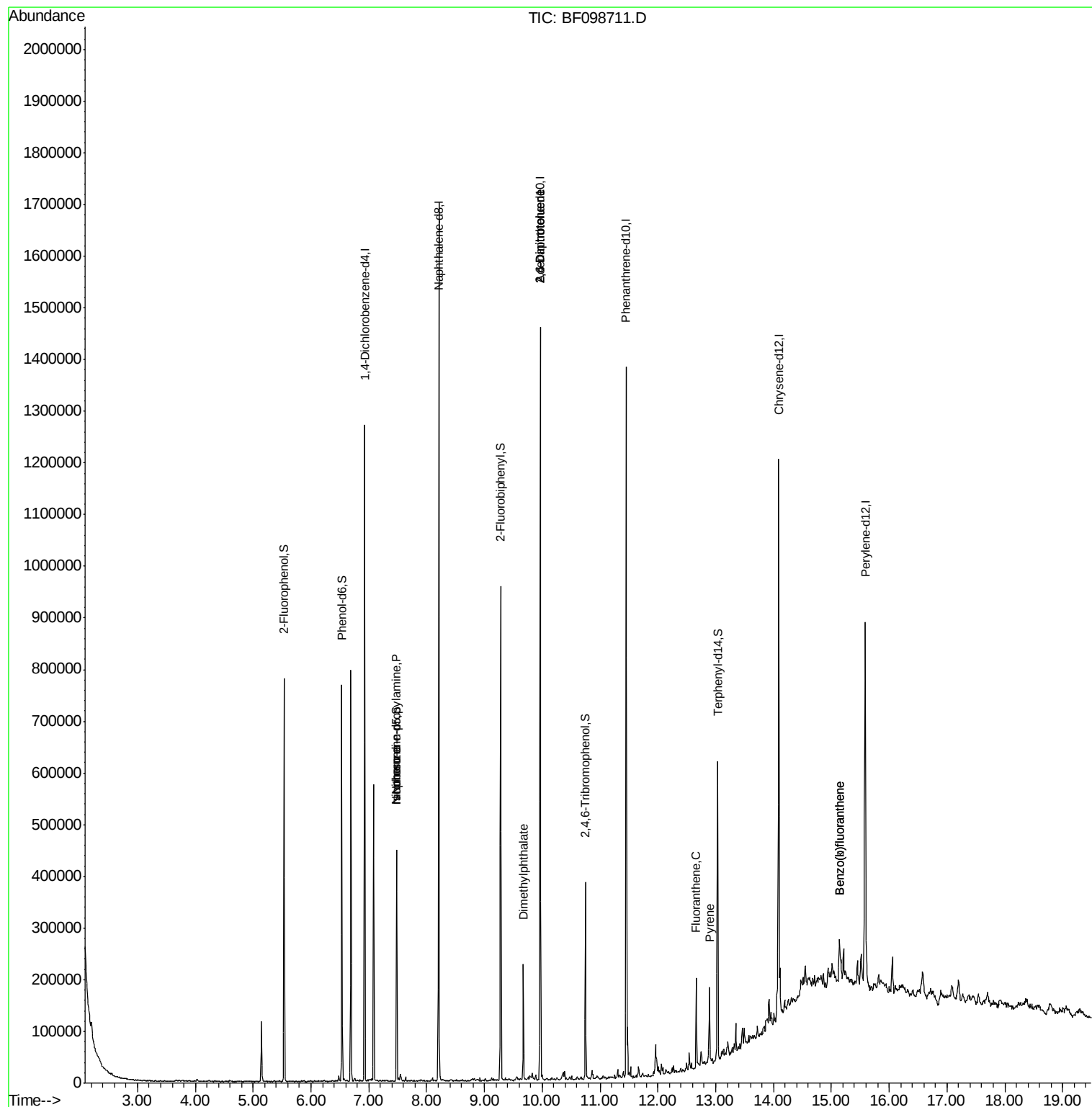
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.48	70	16218	2.00	ng	# 81
25) Isophorone	7.48	82	126182	5.84	ng	# 64
49) Dimethylphthalate	9.67	163	83932	3.94	ng	98
50) 2,6-Dinitrotoluene	9.96	165	35127	8.35	ng	# 25
56) 2,4-Dinitrotoluene	9.96	165	35127	6.22	ng	# 23
74) Fluoranthene	12.66	202	54645	2.38	ng	97
77) Pyrene	12.89	202	52542	2.05	ng	98
87) Benzo(b)fluoranthene	15.14	252	55057	2.98	ng	# 92
88) Benzo(k)fluoranthene	15.14	252	55057	2.99	ng	# 95

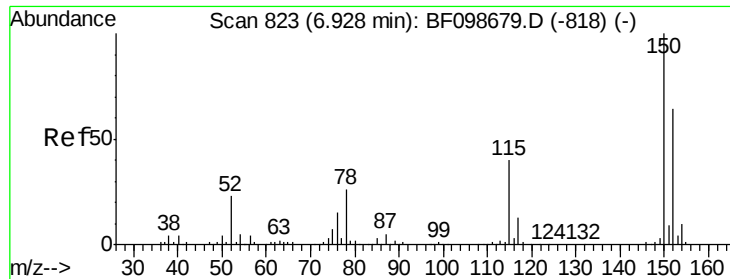
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098711.D
Acq On : 22 Sep 2017 22:14
Operator : SJ/JU
Sample : I5335-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Quant Time: Sep 23 01:31:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

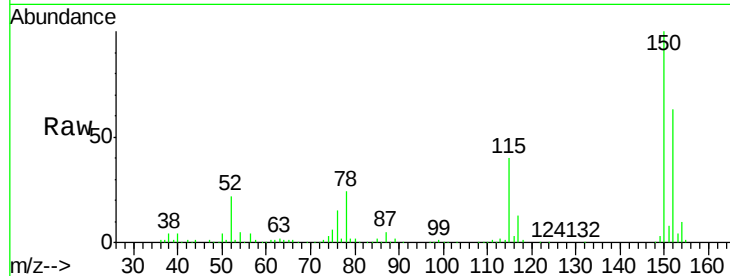
Tot Ion:152 Resp: 163991

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

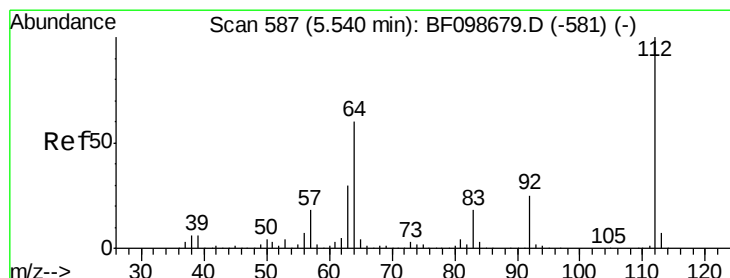
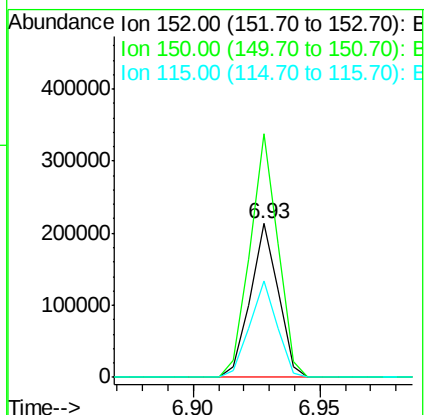
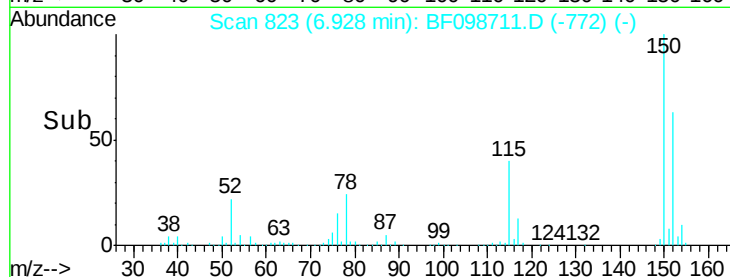
115 63.0 50.1 75.1



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: 17.28 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

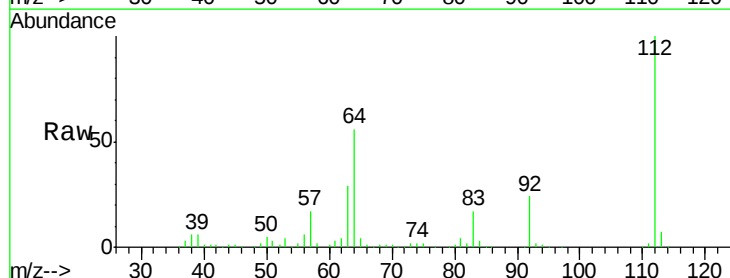
Tgt Ion:112 Resp: 186594

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

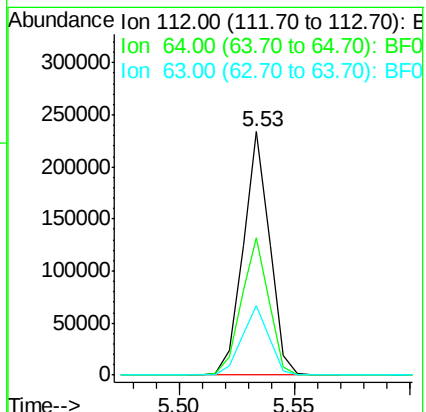
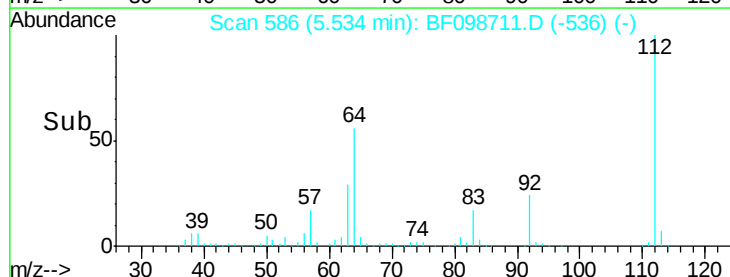
63 28.8 23.7 35.5

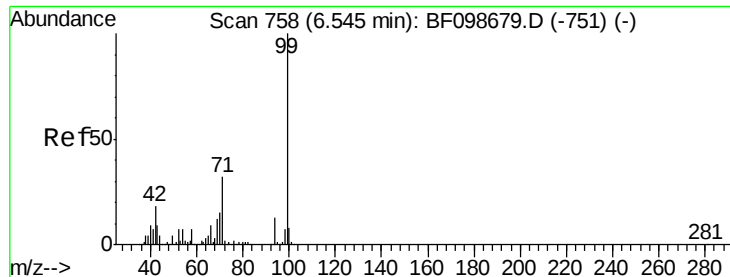


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.59 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

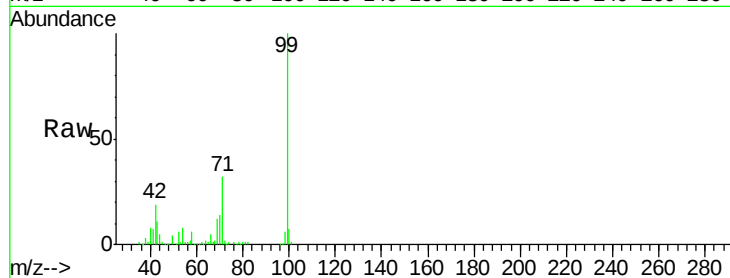
Tot Ion: 99 Resp: 230062

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

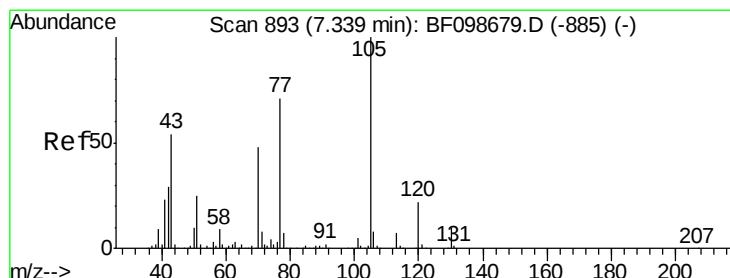
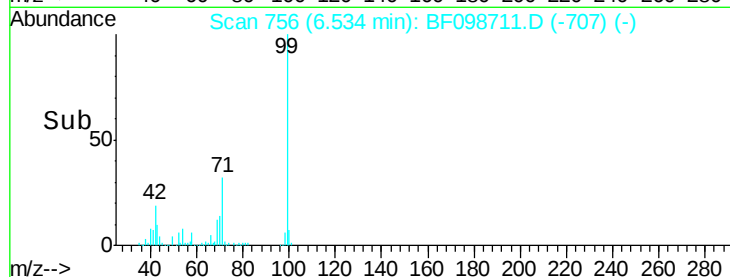
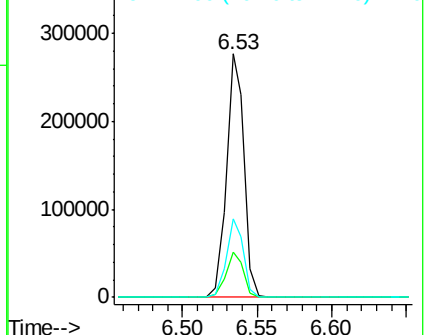
71 32.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.00 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.14 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Tgt Ion: 70 Resp: 16218

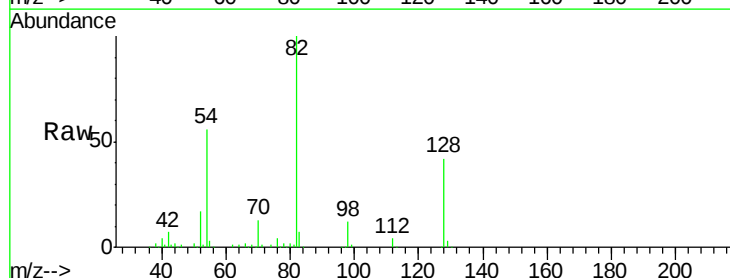
Ion Ratio Lower Upper

70 100

42 51.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

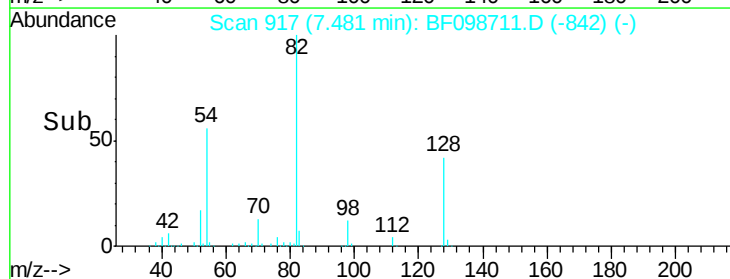
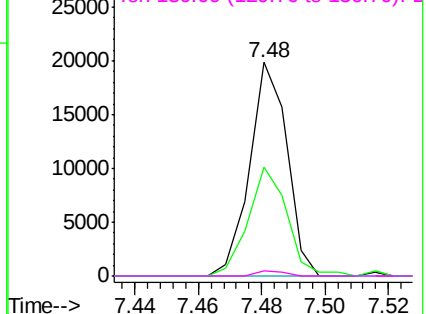


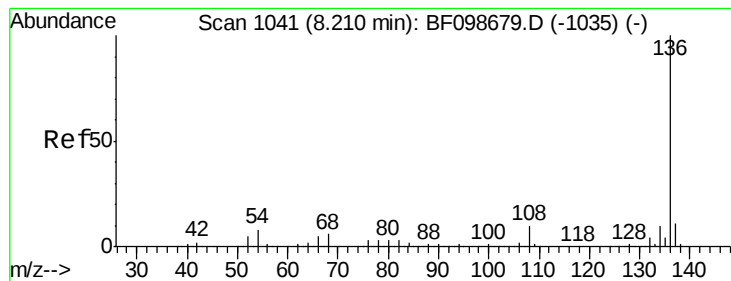
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

Tot Ion:136 Resp: 671890

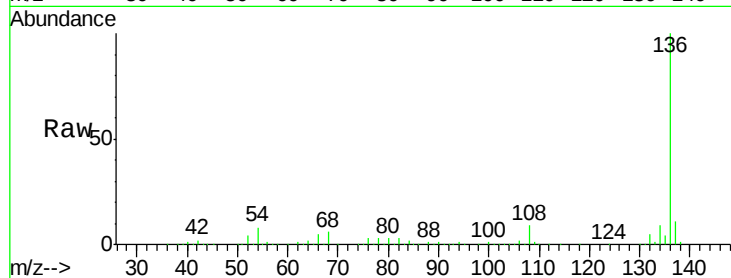
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

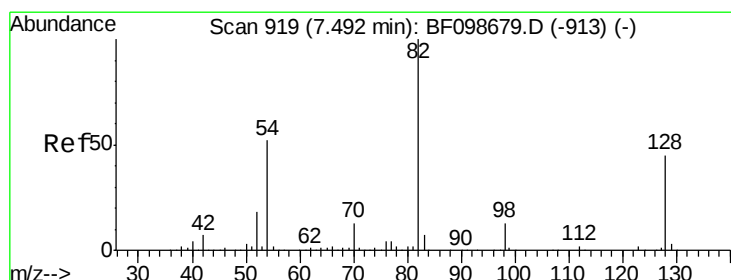
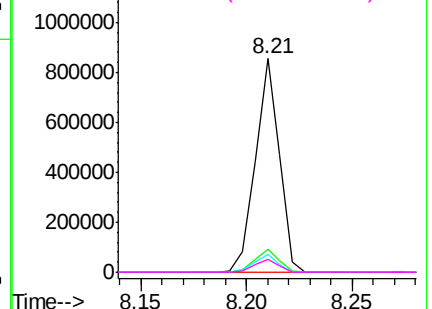
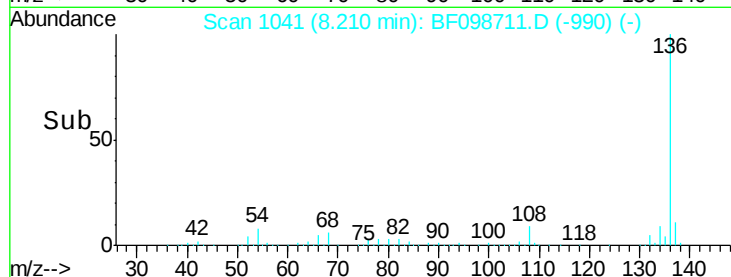


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.77 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

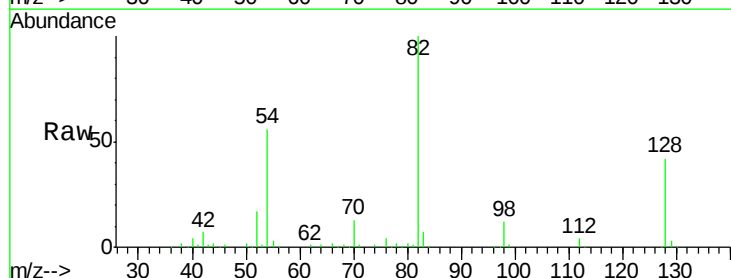
Tgt Ion: 82 Resp: 126465

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

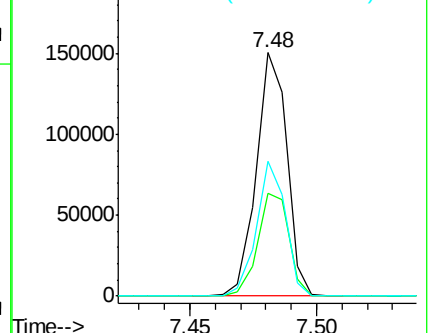
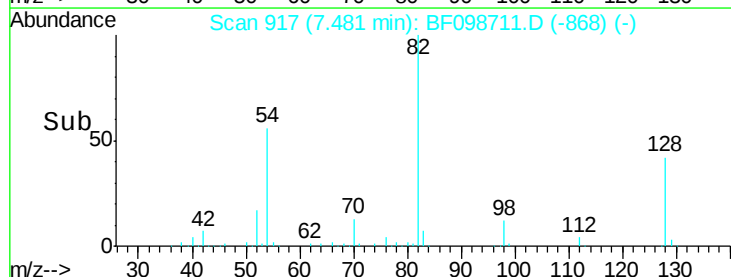
54 55.6 41.4 62.2

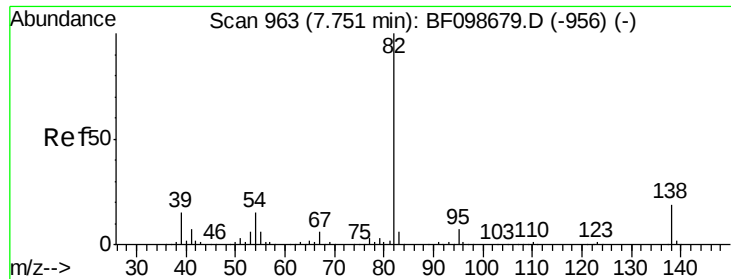


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 5.84 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

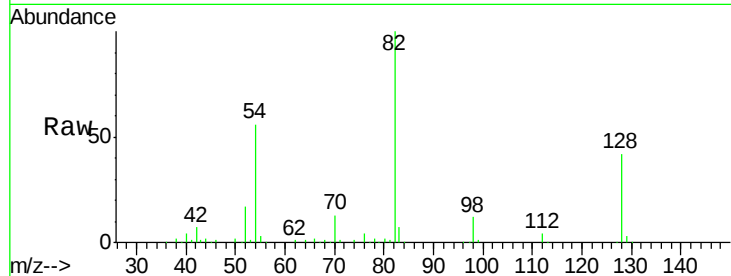
Tot Ion: 82 Resp: 126182

Ion Ratio Lower Upper

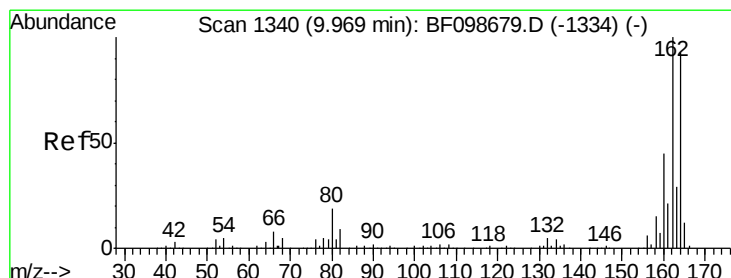
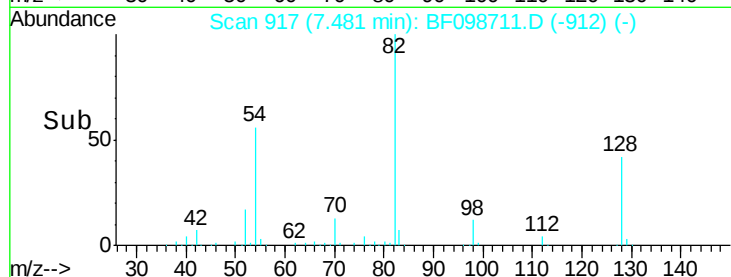
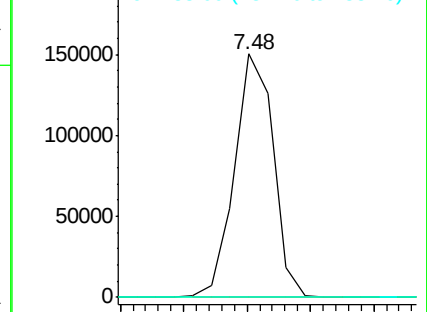
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

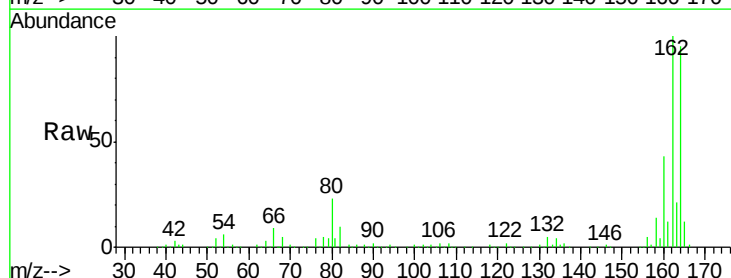
Tgt Ion: 164 Resp: 284305

Ion Ratio Lower Upper

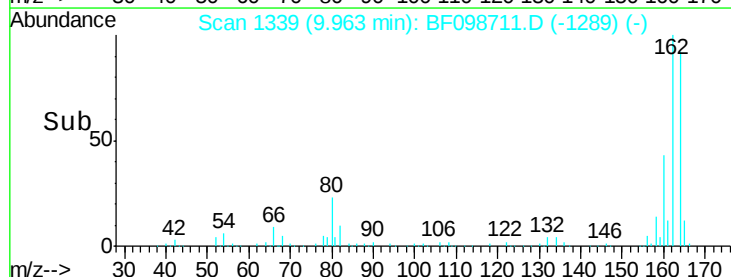
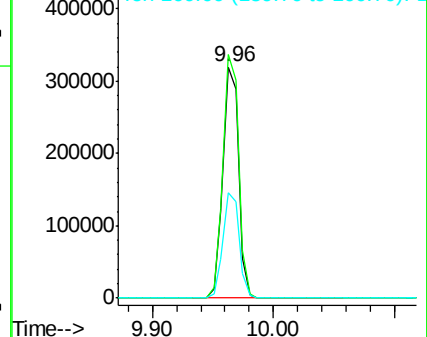
164 100

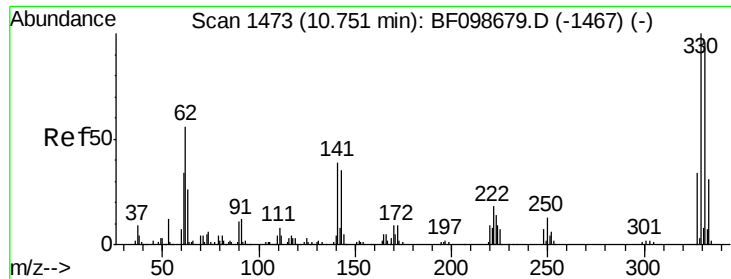
162 105.3 86.1 129.1

160 45.8 38.3 57.5



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

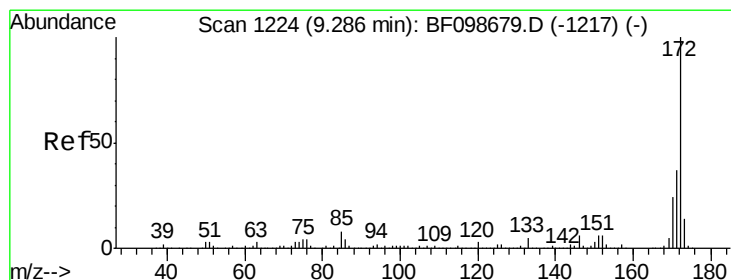
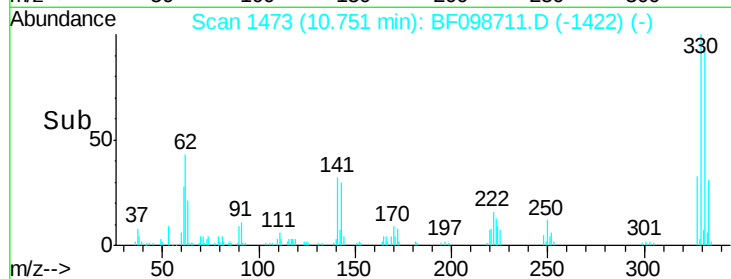
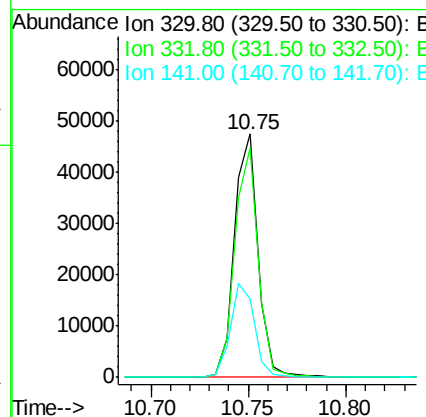
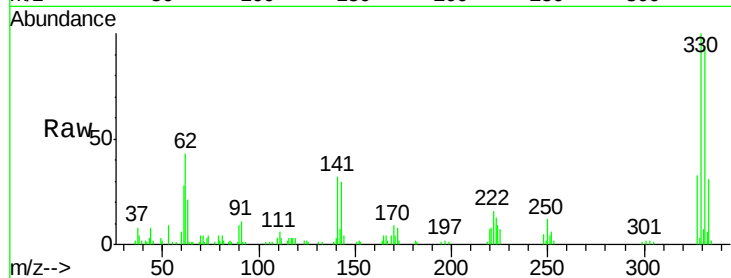




#41
 2,4,6-Tribromophenol
 Concen: 15.32 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

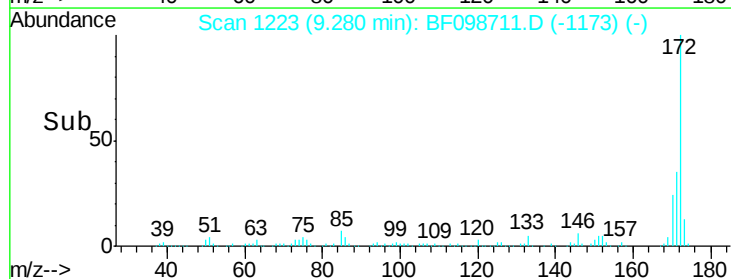
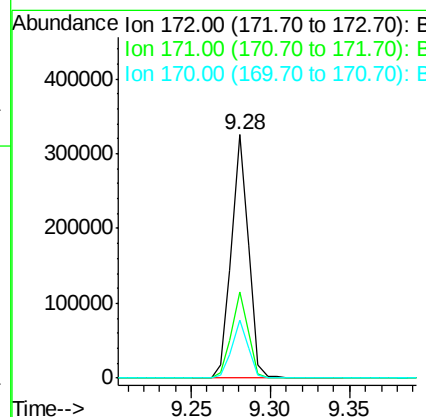
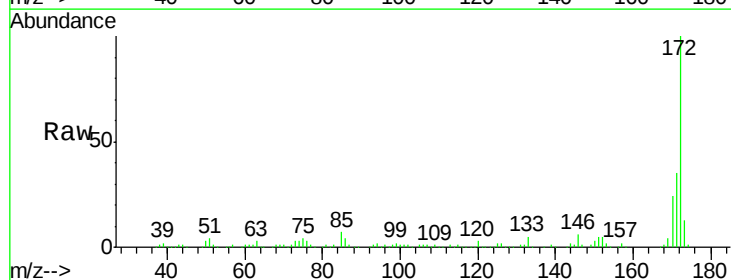
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

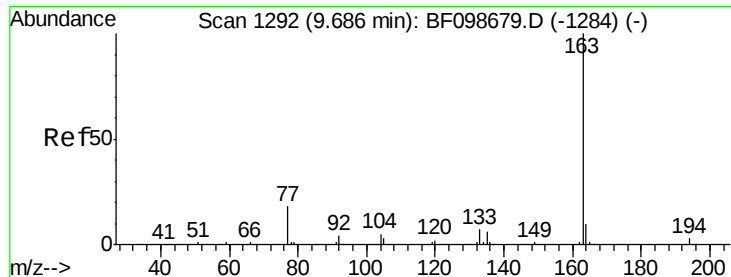
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	39.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 13.71 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 3.94 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

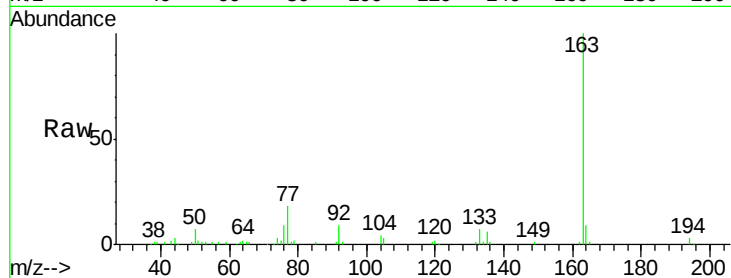
Tot Ion:163 Resp: 83932

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

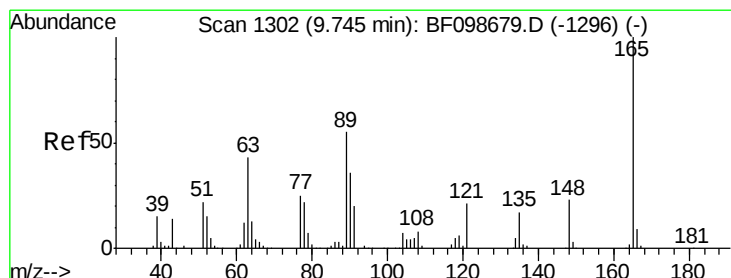
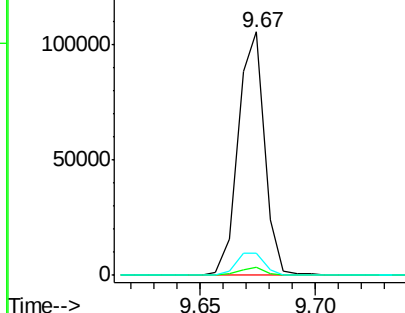
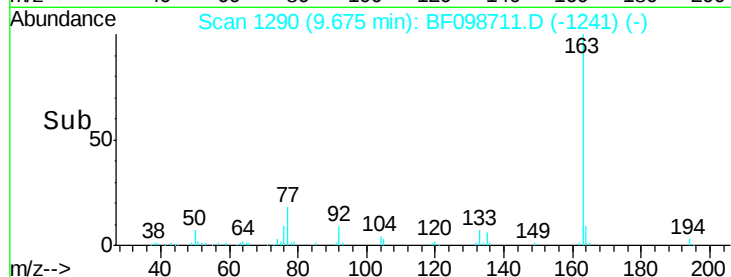
164 9.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.35 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.22 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

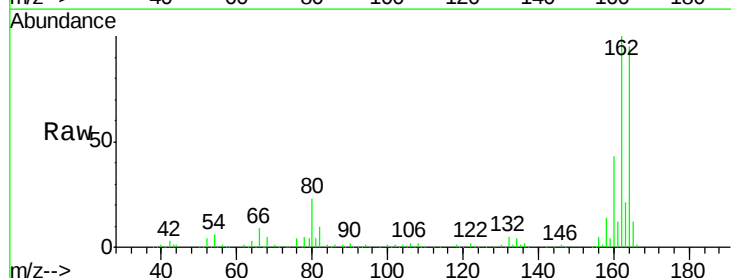
Tgt Ion:165 Resp: 35127

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

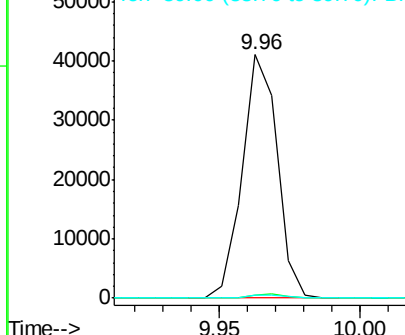
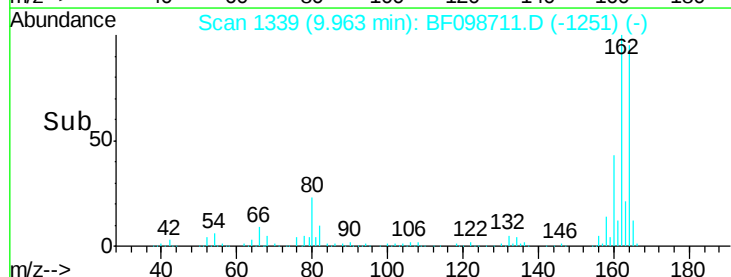
89 1.1 44.0 66.0#

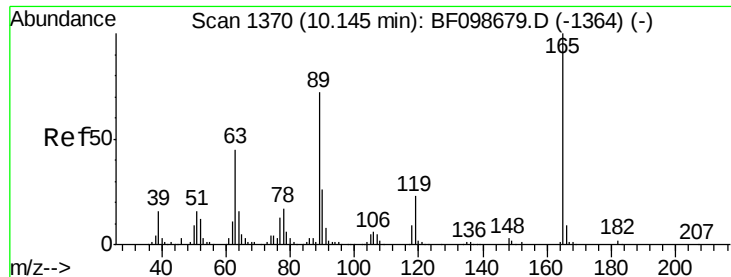


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

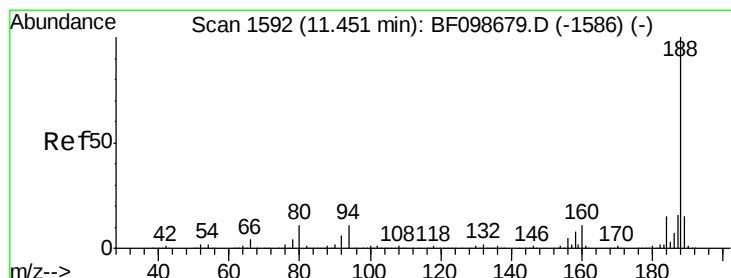
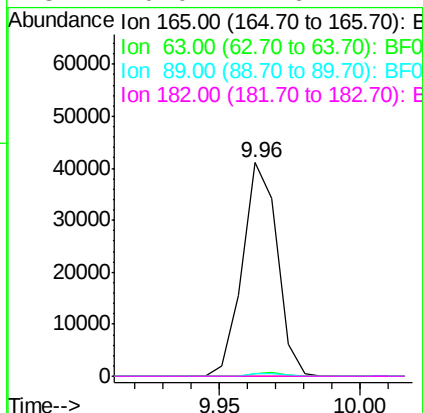
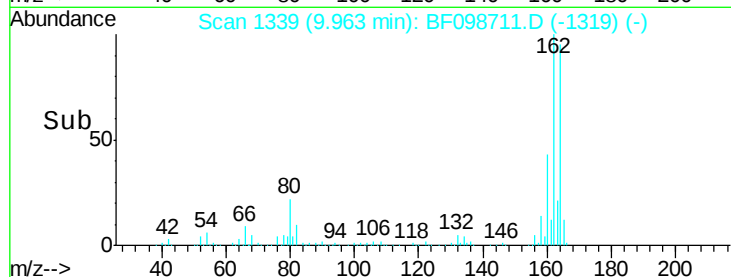
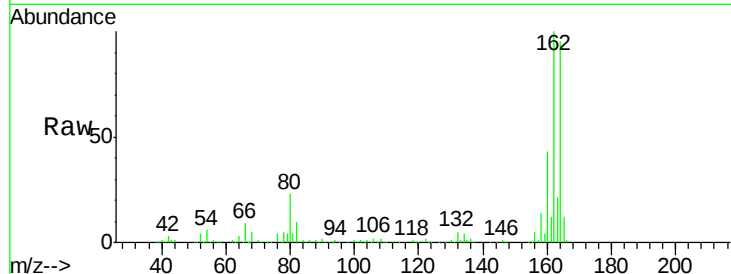




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

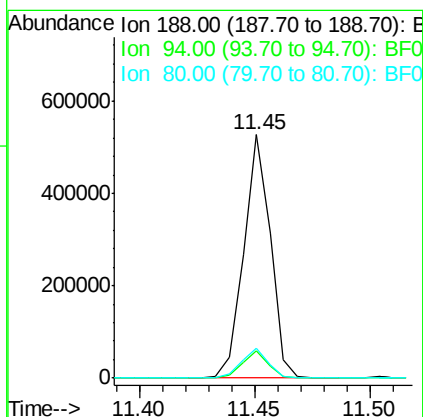
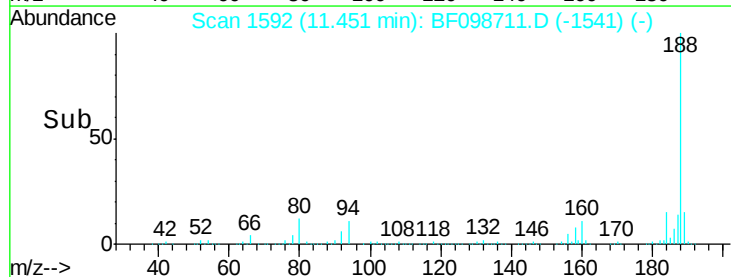
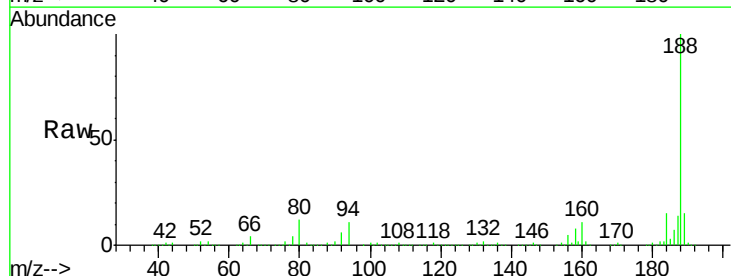
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

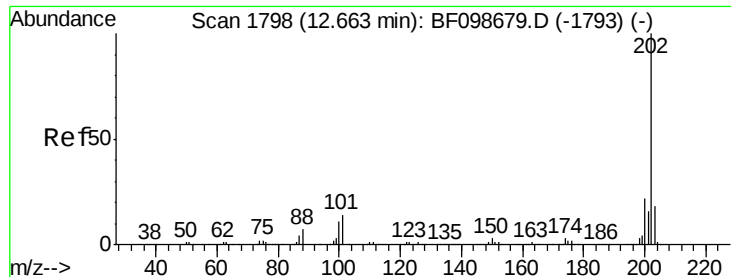
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098711.D
 Acq: 22 Sep 2017 22:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.3	9.2	13.8





#74

Fluoranthene

Concen: 2.38 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

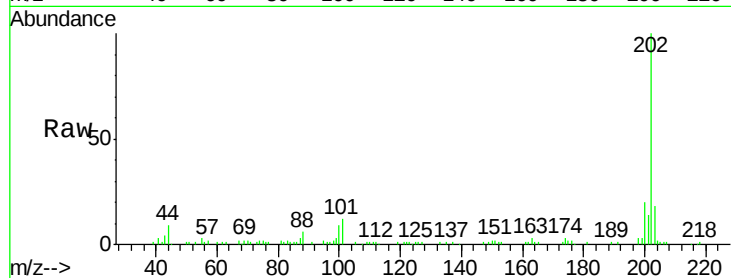
Tot Ion:202 Resp: 54645

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

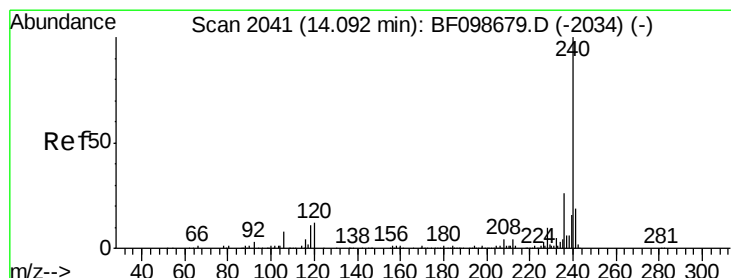
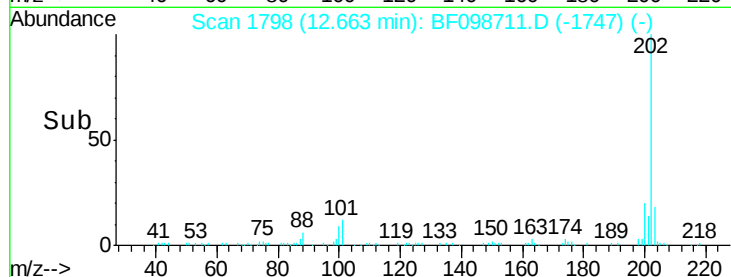
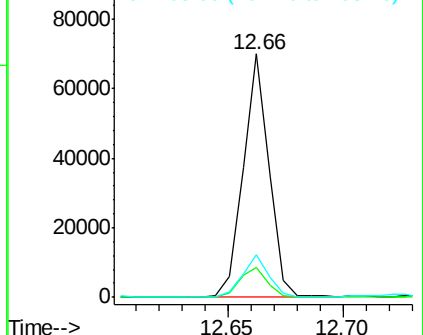
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

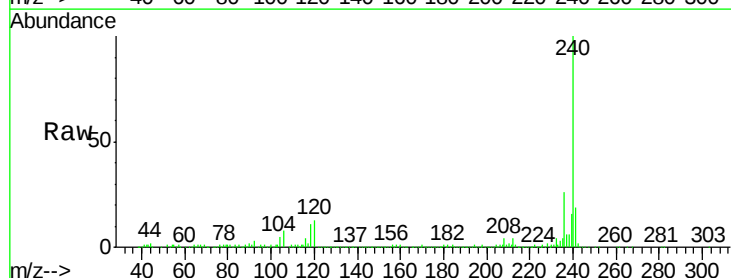
Tgt Ion:240 Resp: 345815

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

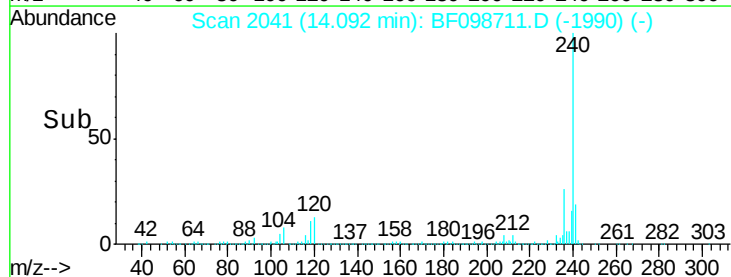
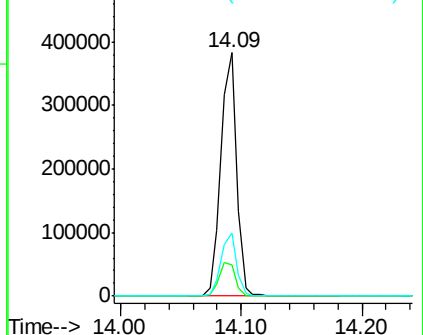
236 26.1 20.7 31.1

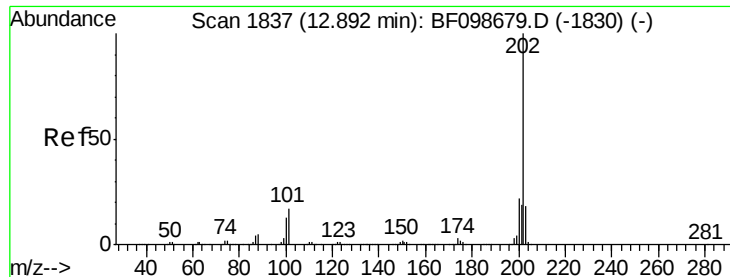


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.05 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

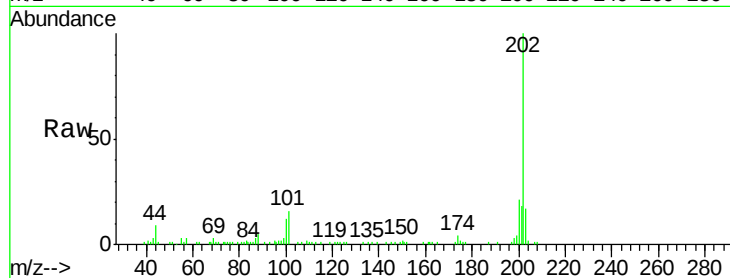
Tot Ion:202 Resp: 52542

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

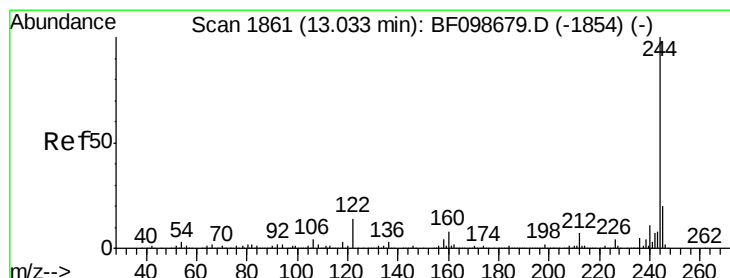
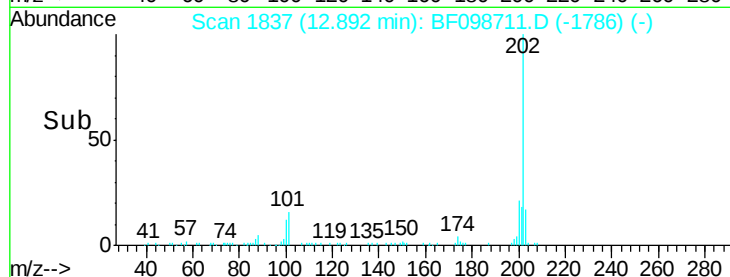
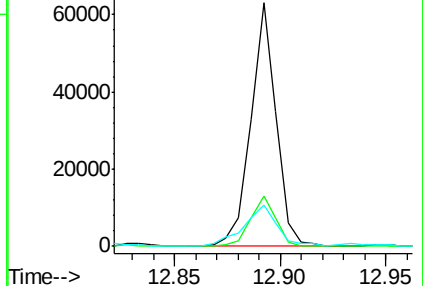
203 17.2 14.3 21.5



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: 10.58 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

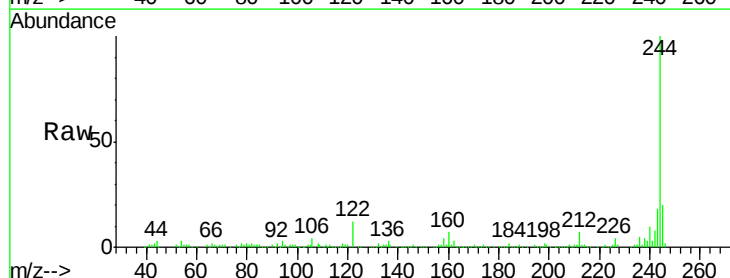
Tgt Ion:244 Resp: 170333

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

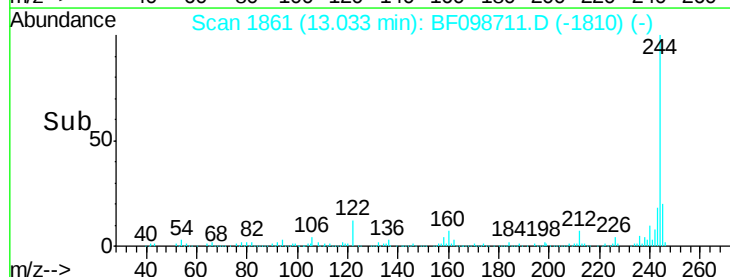
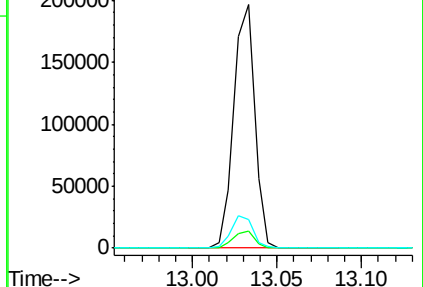
122 11.9 11.0 16.4

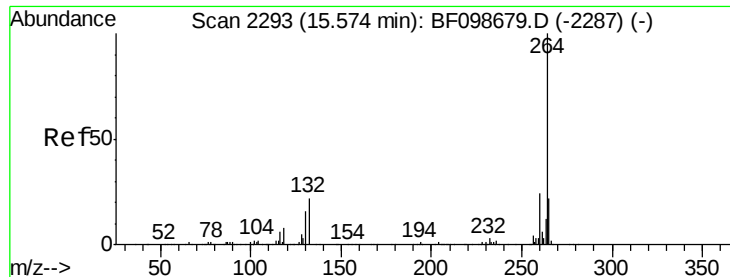


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

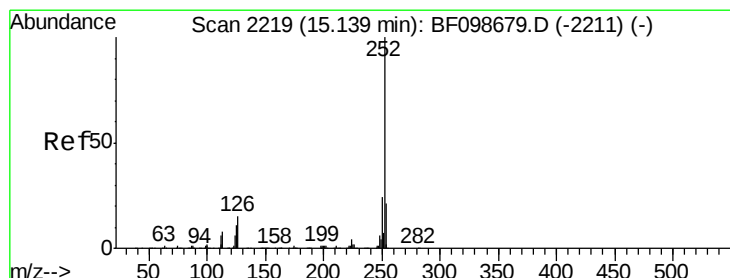
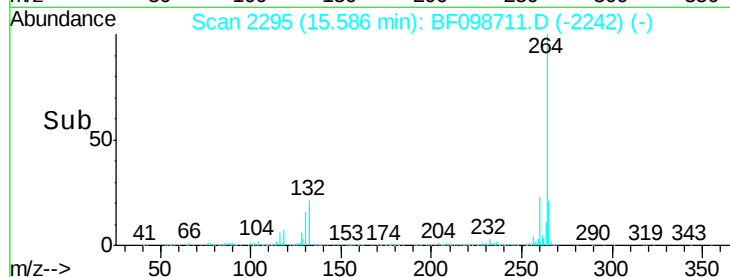
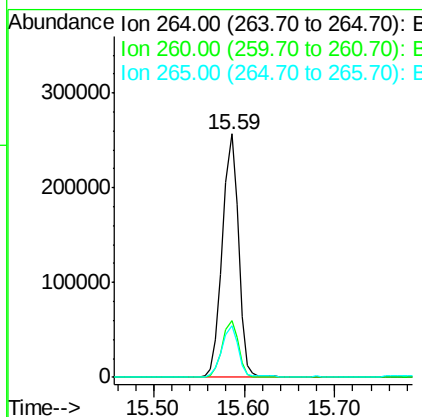
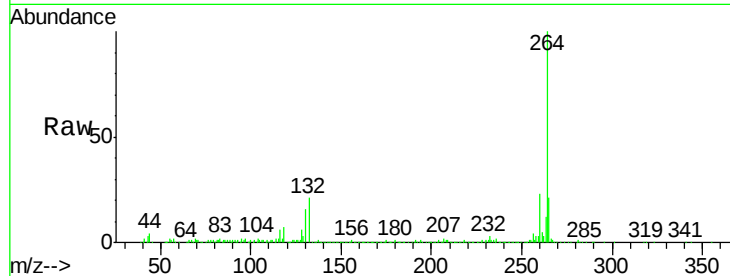




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

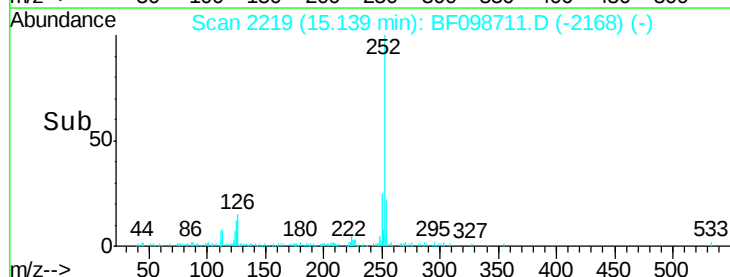
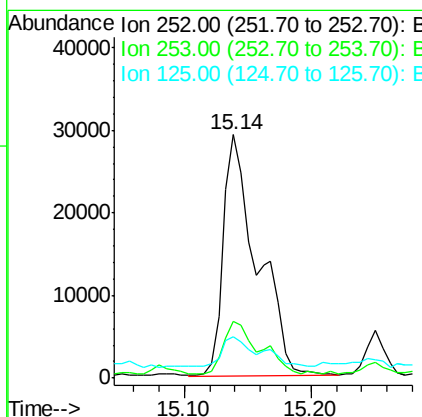
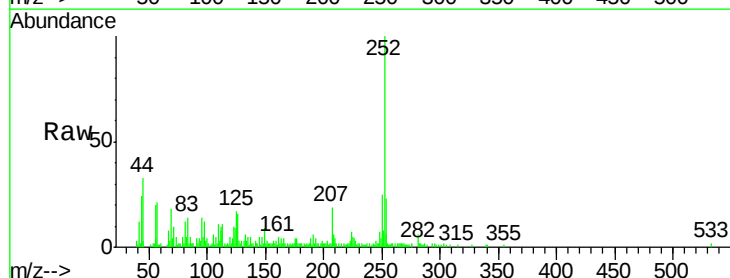
Instrument :
BNA_F
ClientSampleId :
SP-COMP

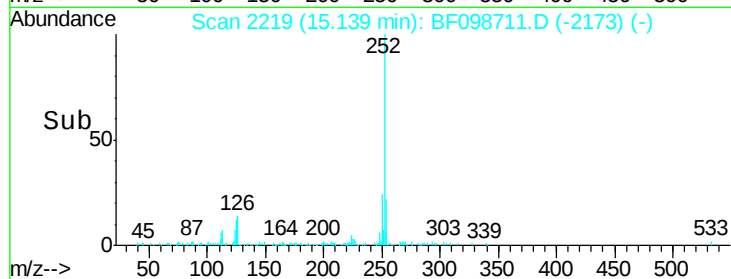
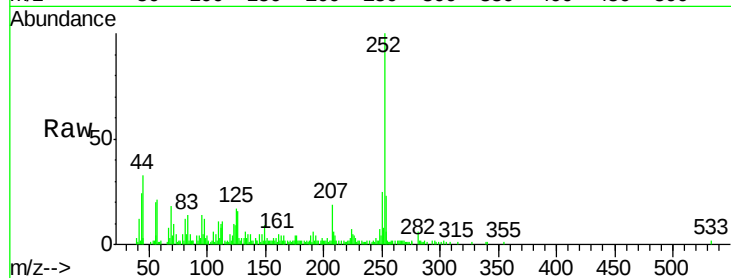
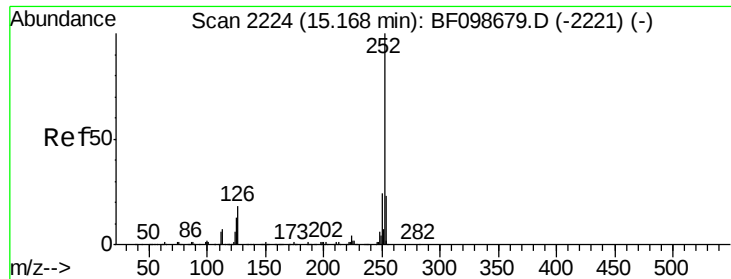
Tot Ion:264 Resp: 318080
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.98 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098711.D
Acq: 22 Sep 2017 22:14

Tgt Ion:252 Resp: 55057
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 17.2 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.99 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.03 min

Lab File: BF098711.D

Acq: 22 Sep 2017 22:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP

Tot Ion:252 Resp: 55057

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 17.2 10.2 15.2#

