

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093864.D
 Acq On : 23 Mar 2017 6:18
 Operator : SJ/MA
 Sample : I2348-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-RO-120

Quant Time: Mar 23 06:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

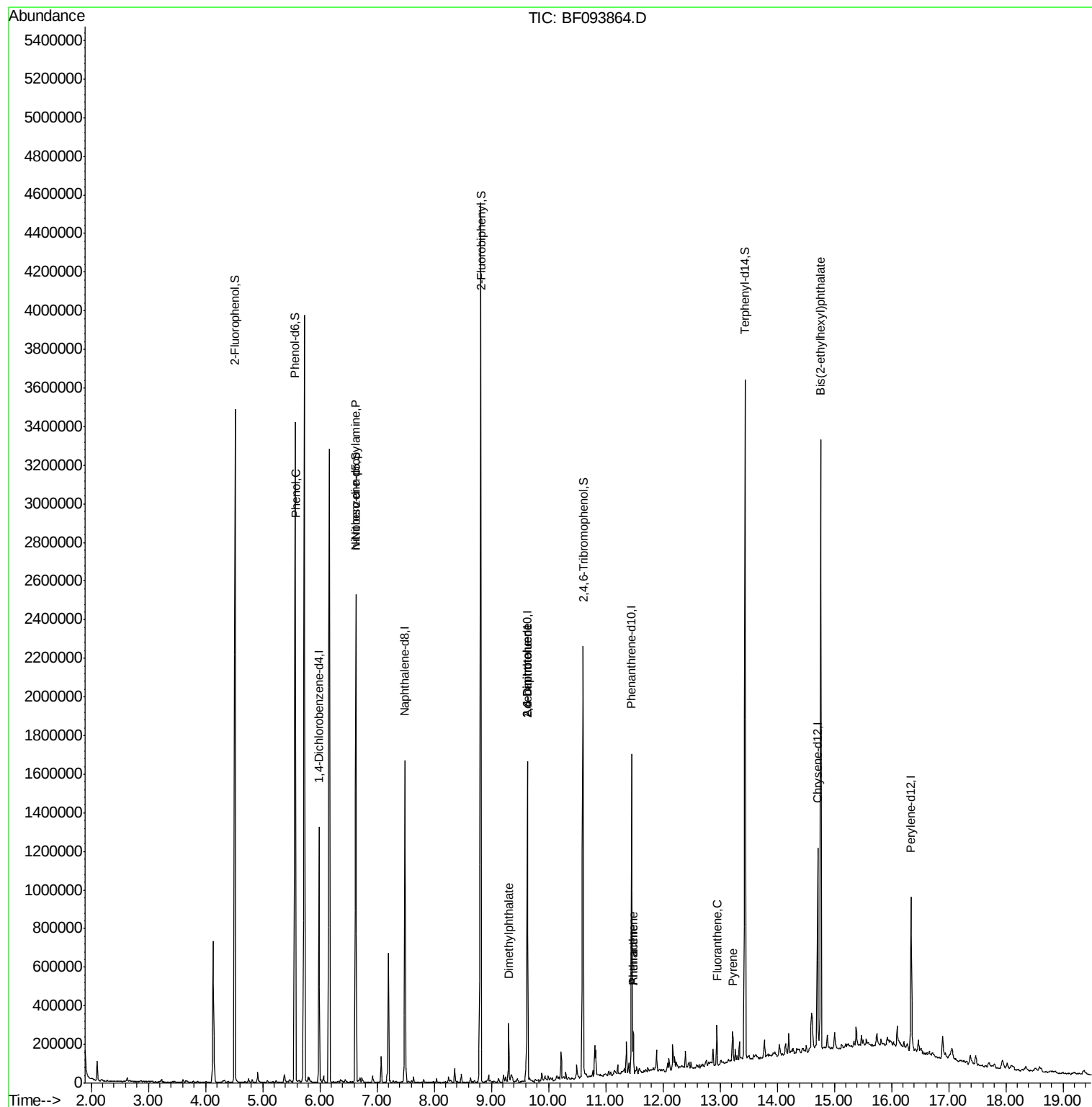
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	208083	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	830977	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	374851	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	624481	20.00	ng	0.00
75) Chrysene-d12	14.71	240	407805	20.00	ng	0.00
86) Perylene-d12	16.34	264	319368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1164210	94.50	ng	0.01
7) Phenol-d6	5.57	99	1611097	105.71	ng	0.00
23) Nitrobenzene-d5	6.63	82	1022547	70.23	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	294190	99.32	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1826769	74.33	ng	0.00
78) Terphenyl-d14	13.44	244	1321131	72.62	ng	0.00
Target Compounds						
10) Phenol	5.58	94	41793	2.41	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	6.63	70	135685	13.85	ng	# 77
49) Dimethylphthalate	9.30	163	124379	4.67	ng	99
50) 2,6-Dinitrotoluene	9.63	165	49500	8.10	ng	# 34
56) 2,4-Dinitrotoluene	9.63	165	49500	6.45	ng	# 34
70) Phenanthrene	11.49	178	87488	2.52	ng	96
71) Anthracene	11.49	178	87488	2.45	ng	97
74) Fluoranthene	12.94	202	86233	2.42	ng	99
77) Pyrene	13.22	202	64807	2.19	ng	97
83) Bis(2-ethylhexyl)phthalate	14.76	149	1019386	59.25	ng	# 99

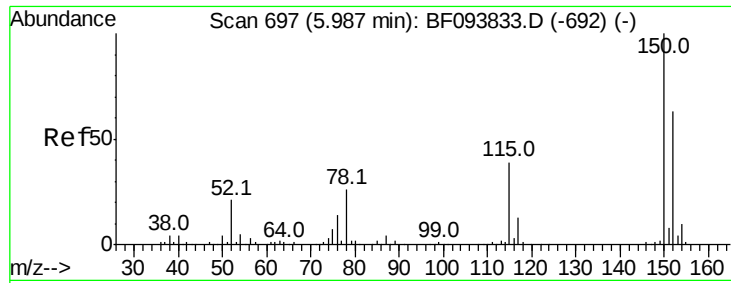
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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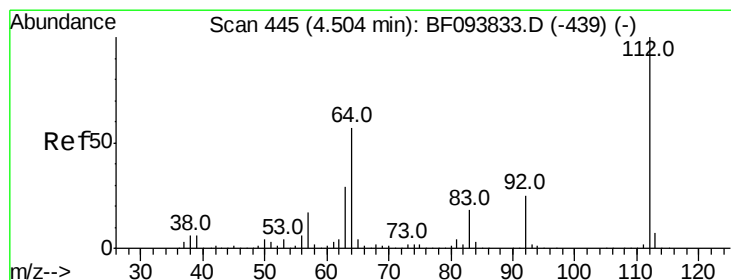
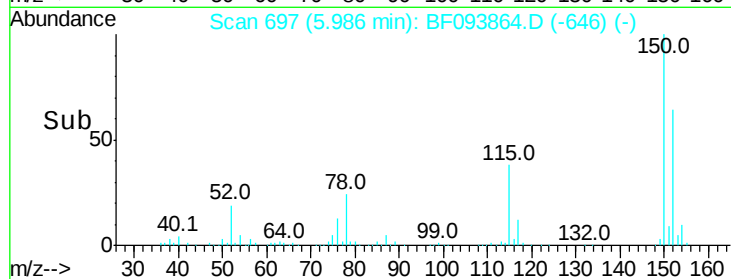
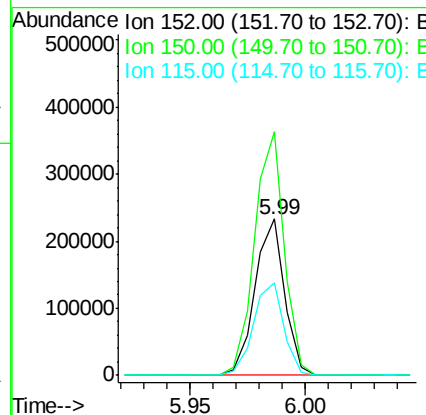
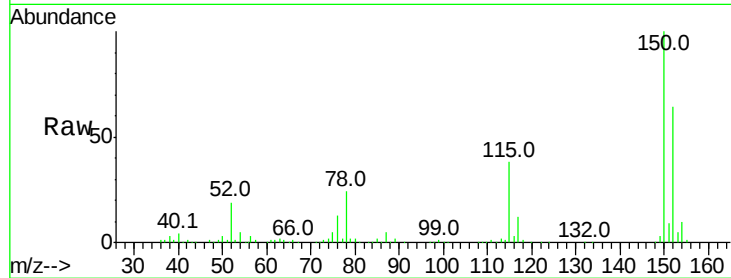


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ETGI-RO-120

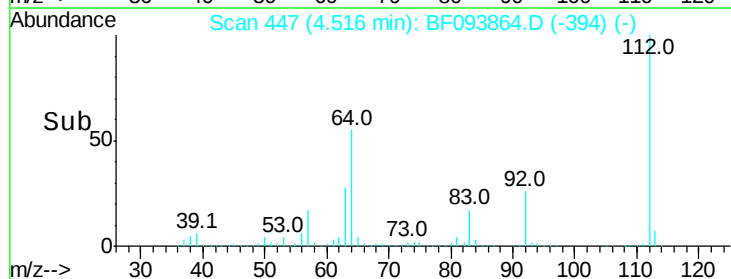
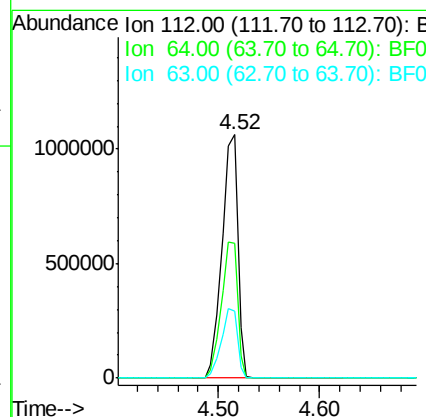
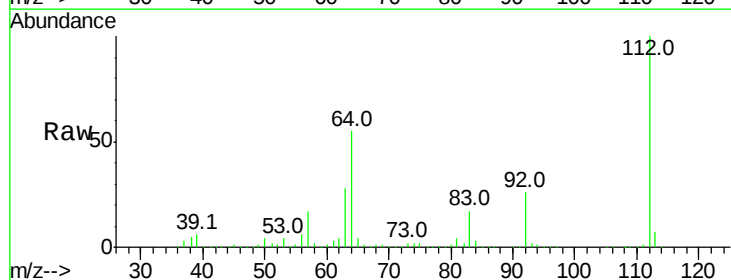
Tot Ion:152 Resp: 208083
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 59.0 52.2 78.2

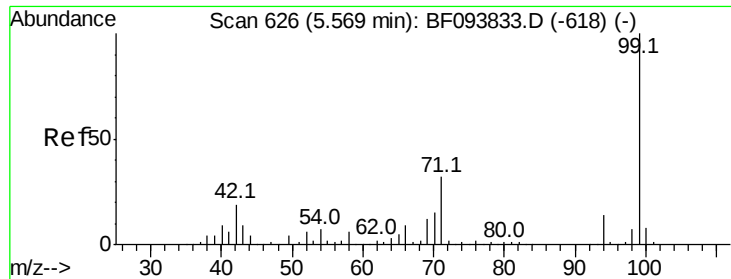


#5

2-Fluorophenol
Concen: 94.50 ng
RT: 4.52 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Tgt Ion:112 Resp: 1164210
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 27.6 23.4 35.0





#7

Phenol-d6

Concen: 105.71 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Instrument :

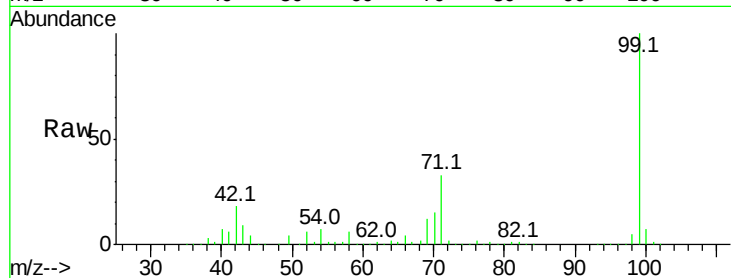
BNA_F

ClientSampleId :

ETGI-RO-120

Tot Ion: 99 Resp: 1611097

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.5	24.5	36.7

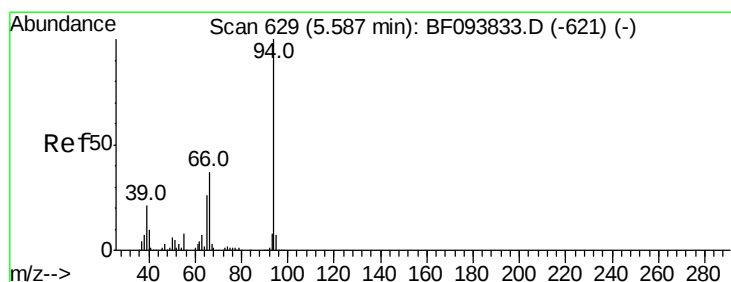
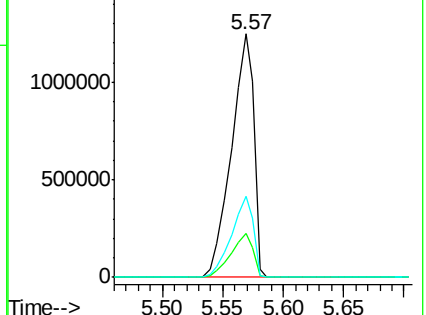
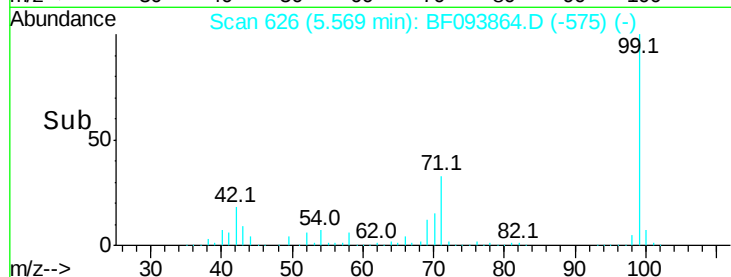


Abundance

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: 2.41 ng

RT: 5.58 min Scan# 628

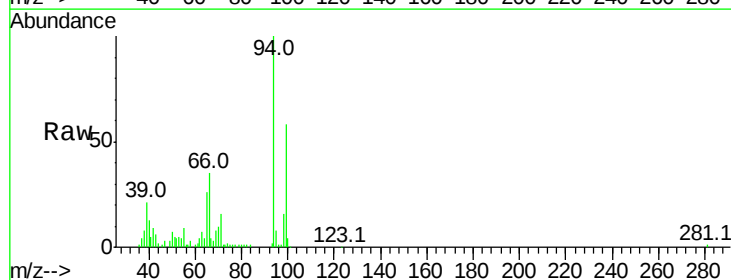
Delta R.T. -0.01 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Tgt Ion: 94 Resp: 41793

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	34.8	23.1	63.1

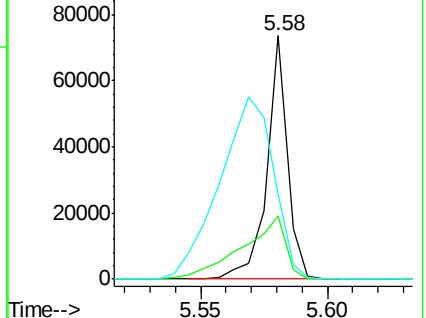
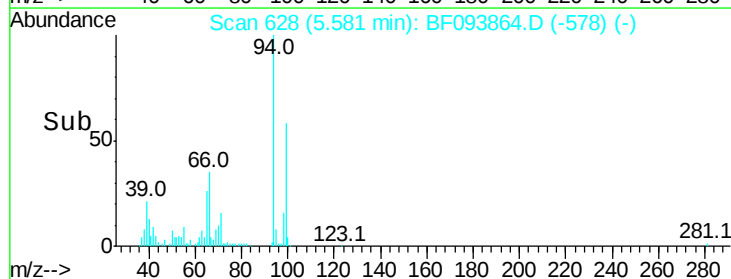


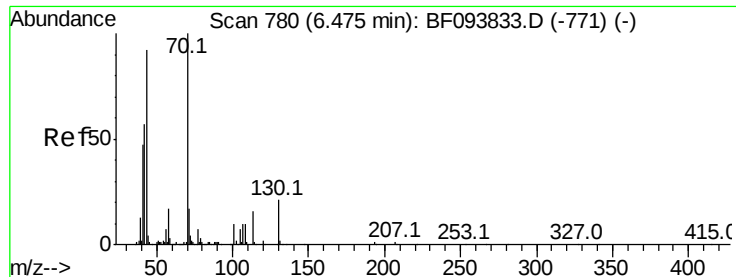
Abundance

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





#19

n-Nitroso-di-n-propylamine

Concen: 13.85 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.16 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

ETGI-RO-120

Tot Ion: 70 Resp: 135685

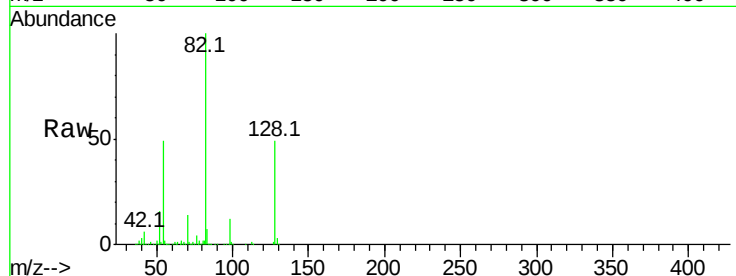
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

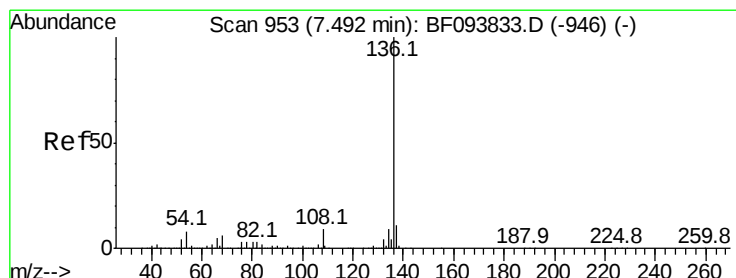
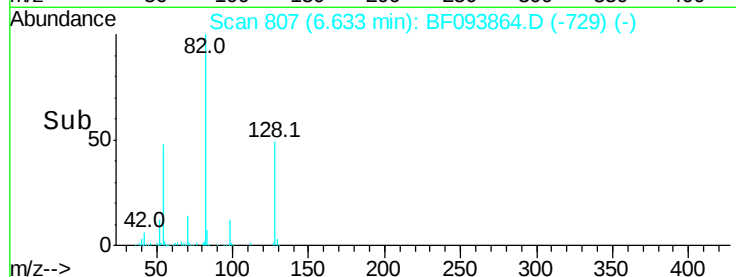
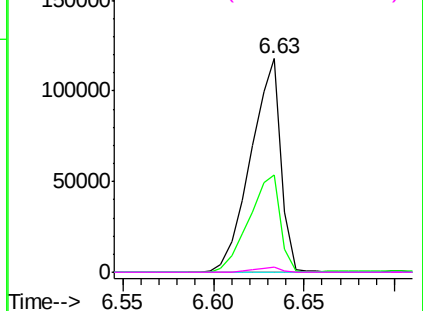


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Tgt Ion: 136 Resp: 830977

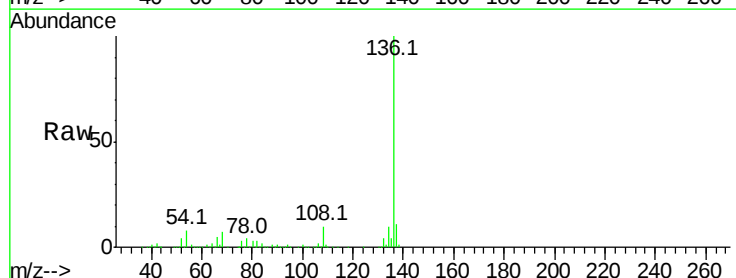
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.9 4.9 7.3#

68 6.6 4.1 6.1#

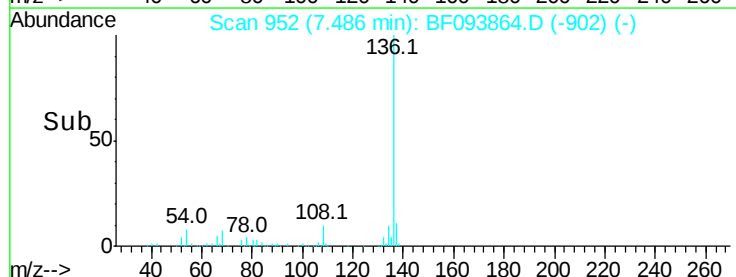
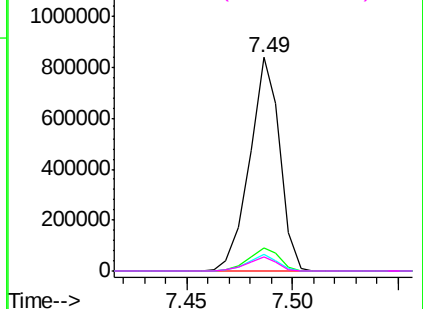


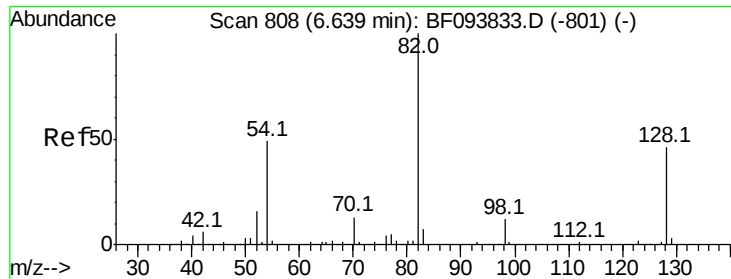
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

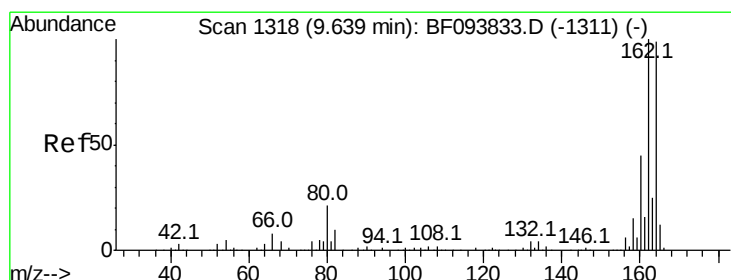
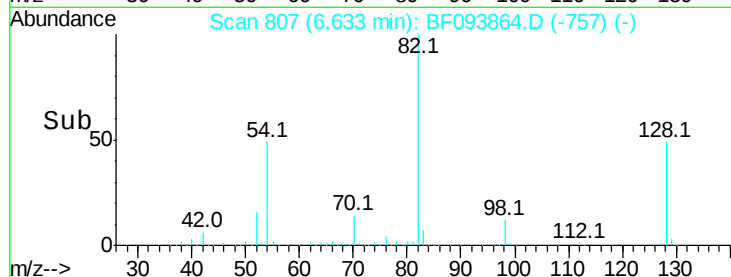
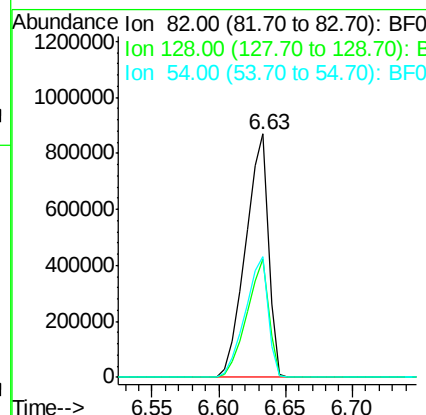
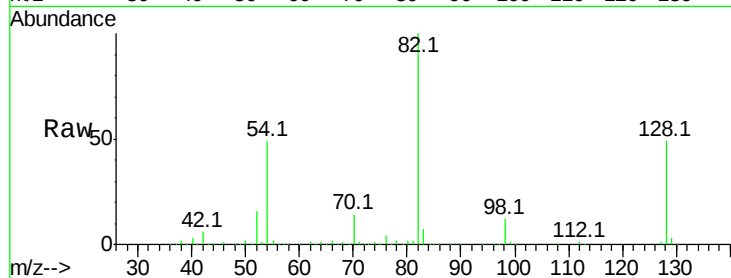




#23
Nitrobenzene-d5
Concen: 70.23 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

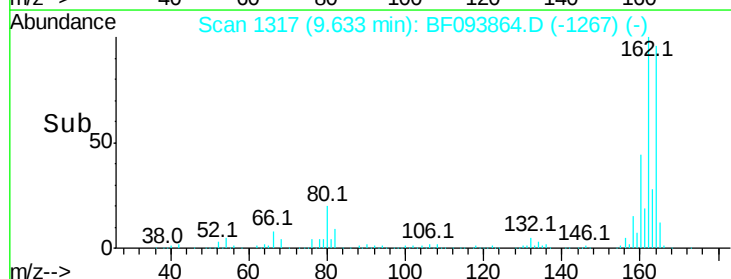
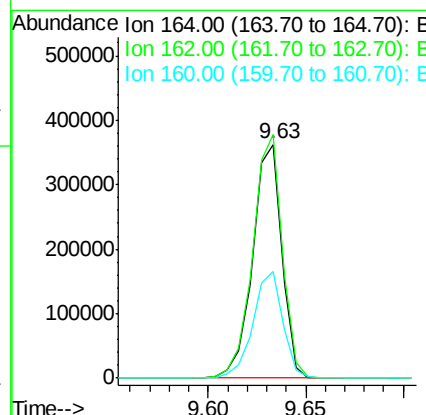
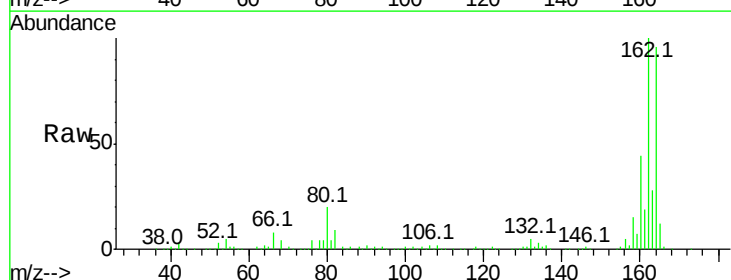
Instrument :
BNA_F
ClientSampleId :
ETGI-RO-120

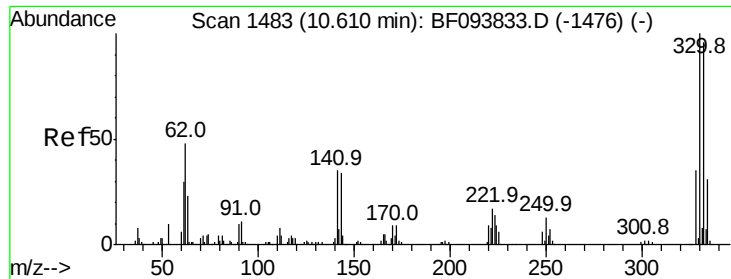
Tot Ion: 82 Resp: 1022547
Ion Ratio Lower Upper
82 100
128 48.6 34.0 51.0
54 49.4 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Tgt Ion:164 Resp: 374851
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 45.9 36.2 54.2

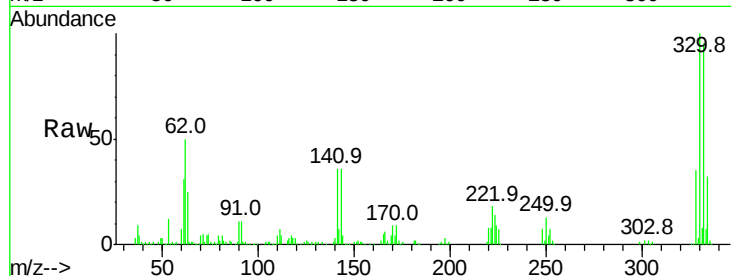




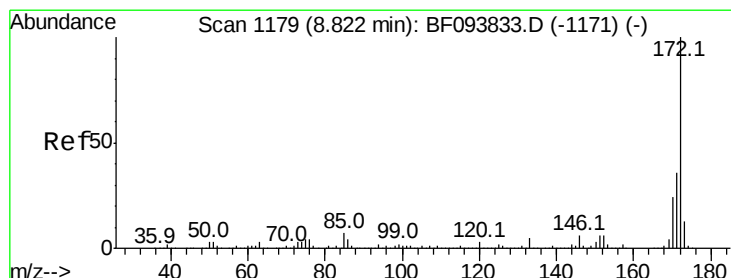
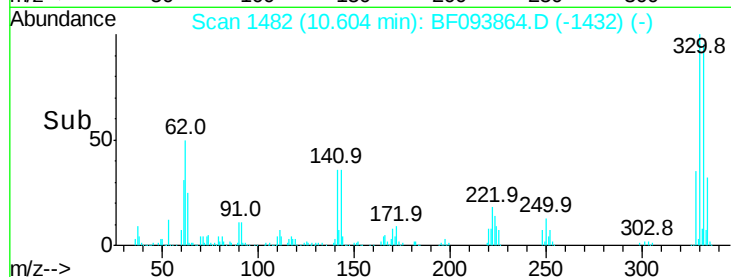
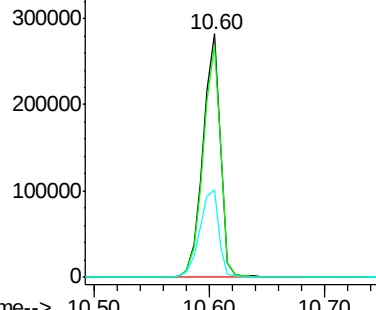
#41
 2,4,6-Tribromophenol
 Concen: 99.32 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-RO-120

Tot Ion:330 Resp: 294190
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 40.2 31.4 47.2

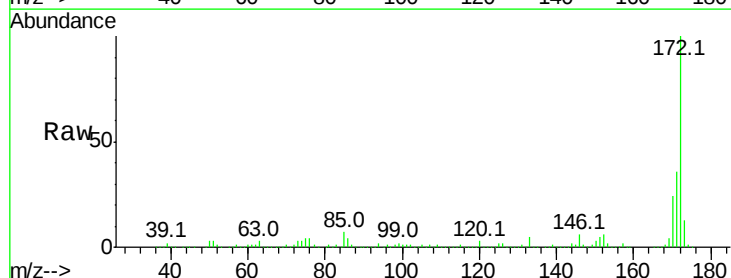


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

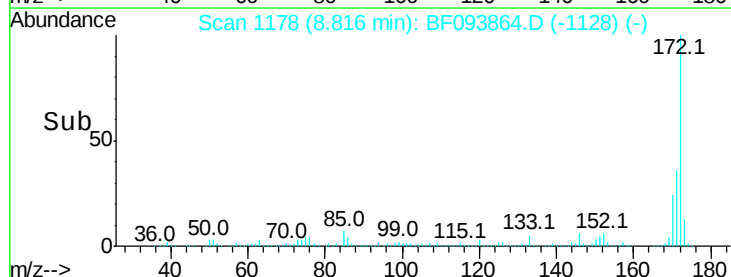
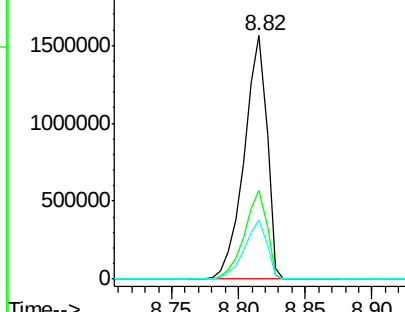


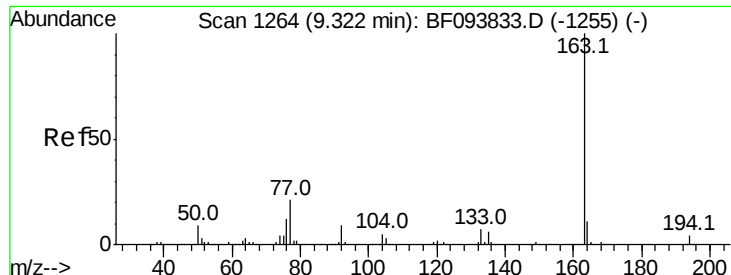
#44
 2-Fluorobiphenyl
 Concen: 74.33 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

Tgt Ion:172 Resp: 1826769
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.8 29.8



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

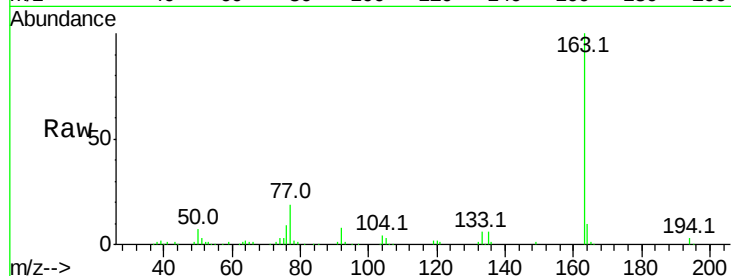




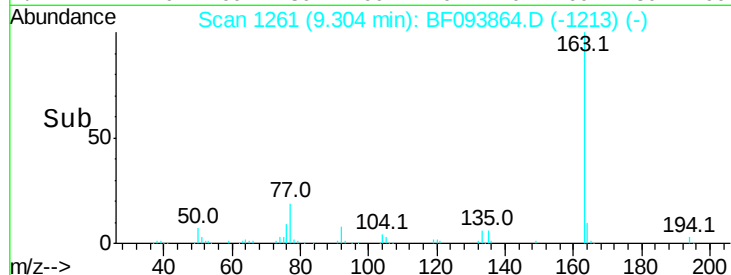
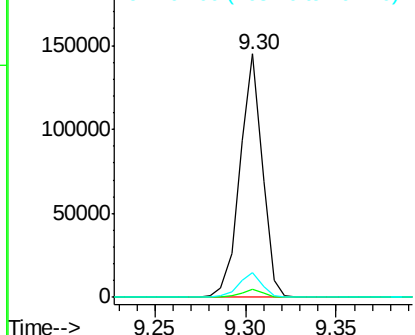
#49
Dimethylphthalate
Concen: 4.67 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ETGI-RO-120

Tot Ion:163 Resp: 124379
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6

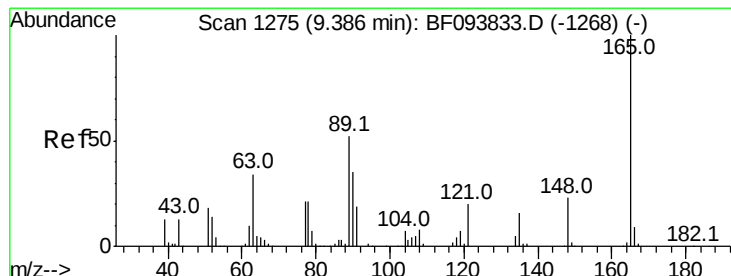


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

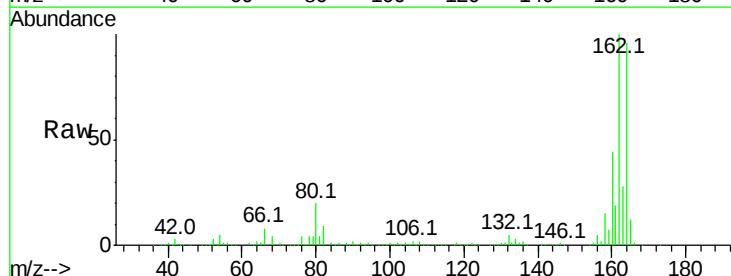
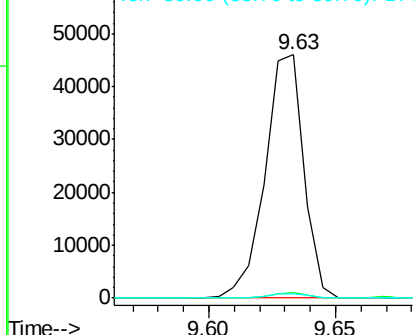


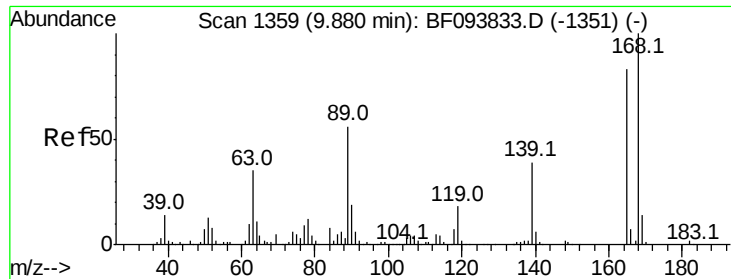
#50
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.25 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Tgt Ion:165 Resp: 49500
Ion Ratio Lower Upper
165 100
63 2.3 34.3 51.5#
89 1.6 37.1 55.7#



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

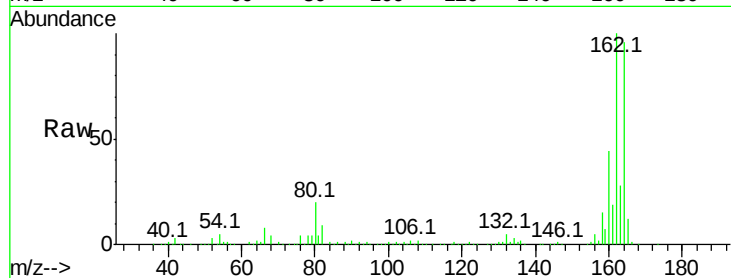




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-RO-120

Tot Ion:	165	Resp:	49500
Ion Ratio	Lower	Upper	
165	100		
63	2.3	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

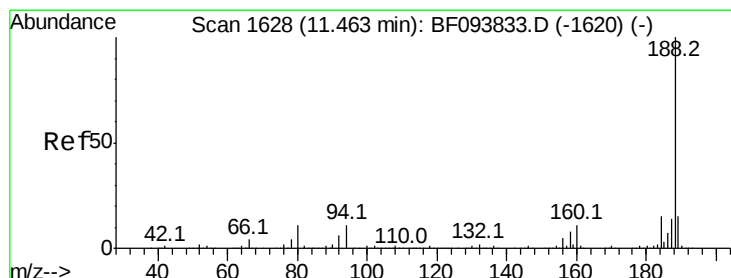
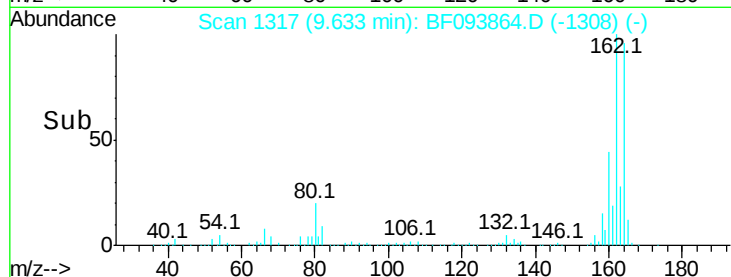
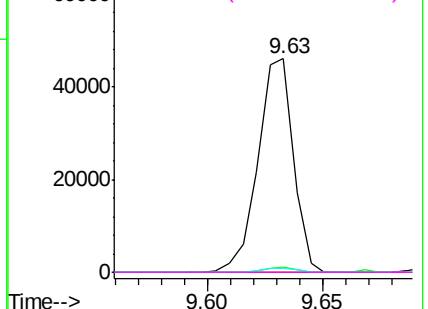


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

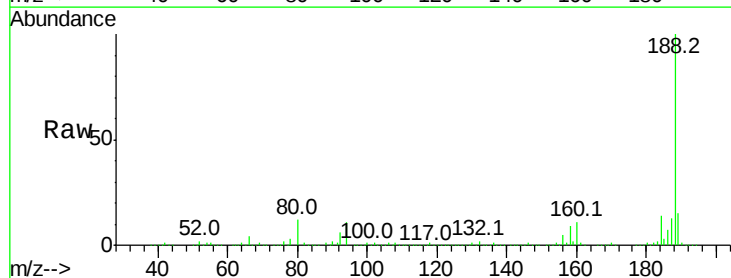
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

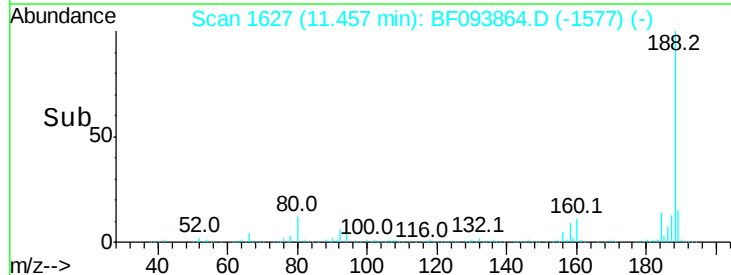
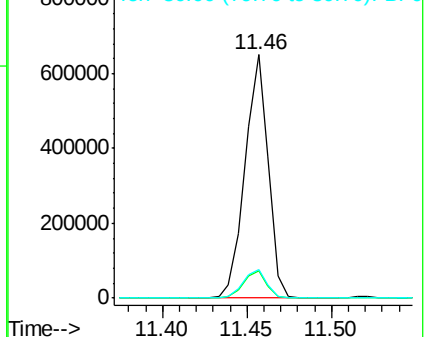
Tgt Ion:	188	Resp:	624481
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	11.6	10.2	15.2

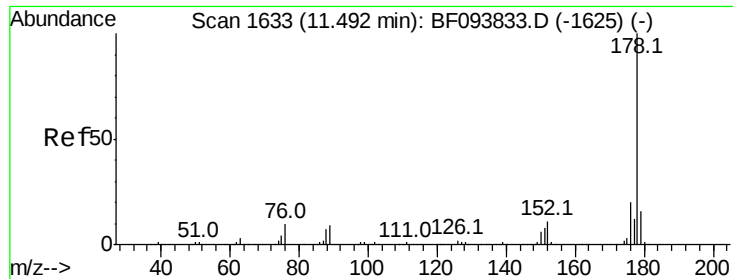


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.52 ng

RT: 11.49 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

ETGI-RO-120

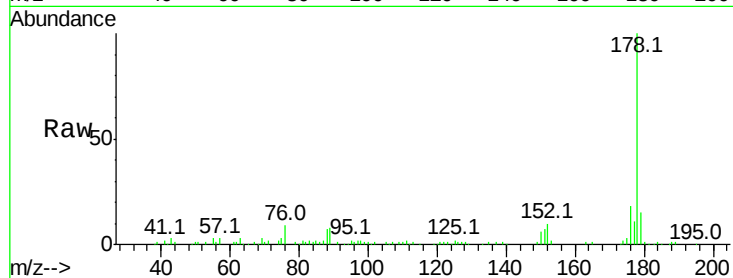
Tot Ion:178 Resp: 87488

Ion Ratio Lower Upper

178 100

176 18.1 16.2 24.4

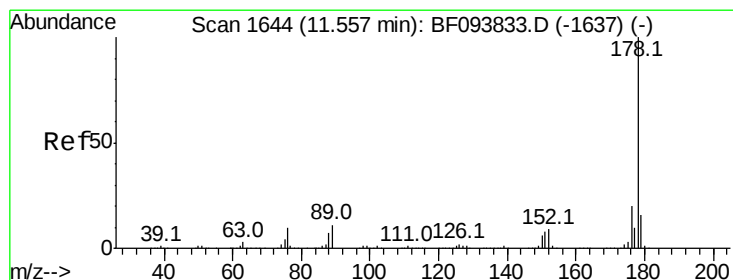
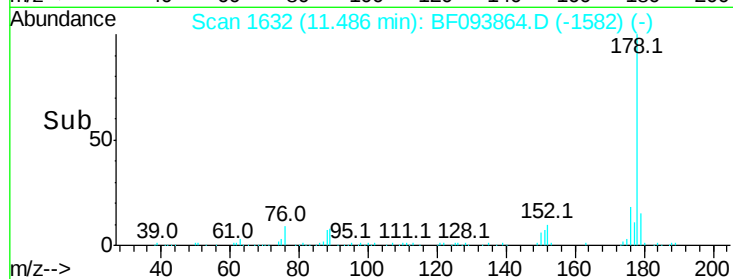
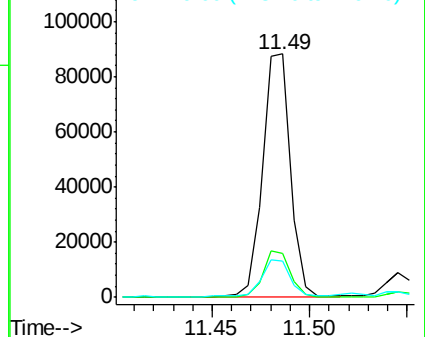
179 14.8 12.6 19.0



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



#71

Anthracene

Concen: 2.45 ng

RT: 11.49 min Scan# 1632

Delta R.T. -0.07 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

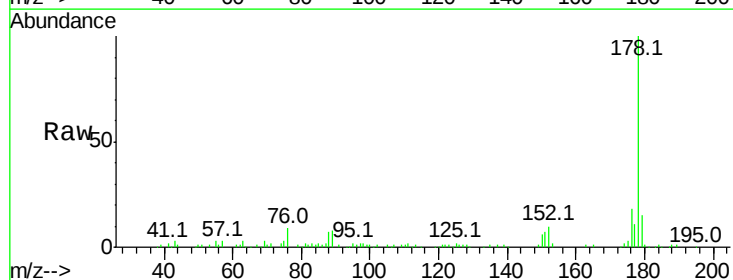
Tgt Ion:178 Resp: 87488

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

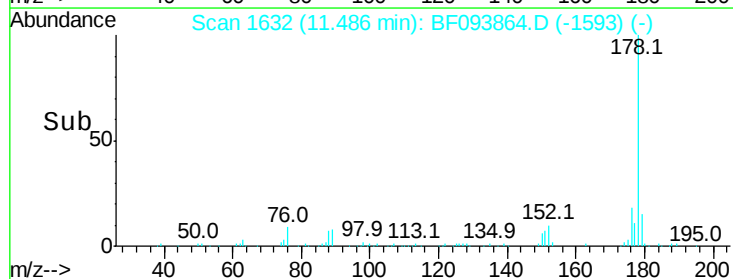
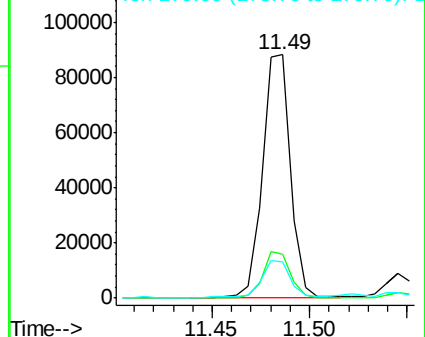
179 14.8 12.7 19.1

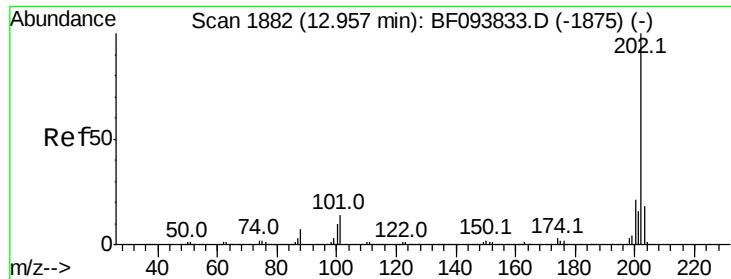


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.42 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

ETGI-RO-120

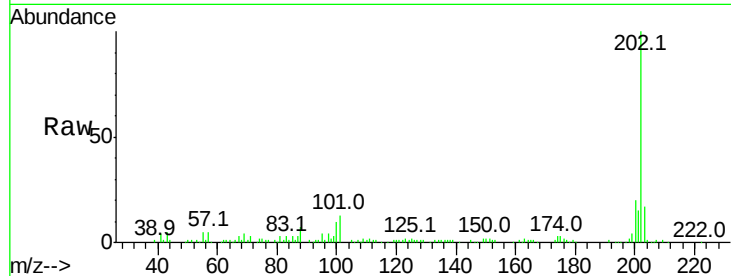
Tot Ion:202 Resp: 86233

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

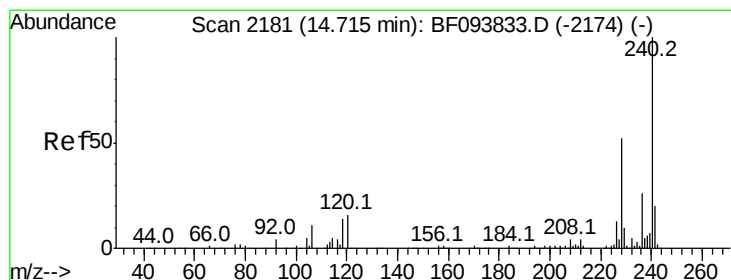
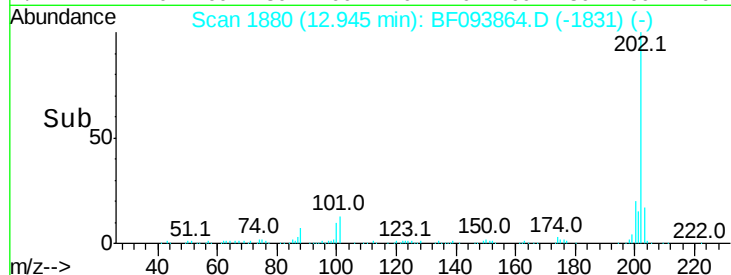
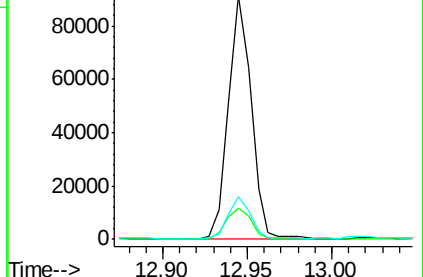
203 17.3 0.0 38.1



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: 14.71 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

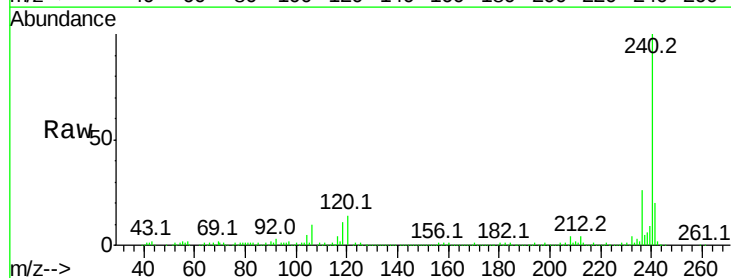
Tgt Ion:240 Resp: 407805

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

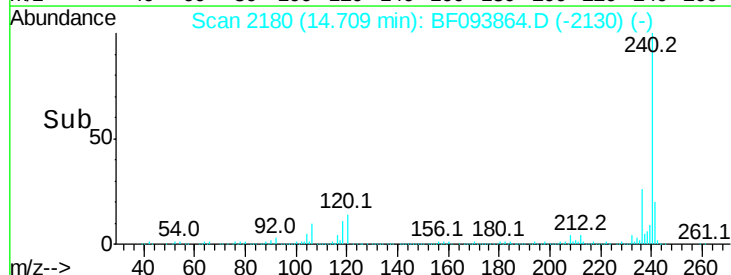
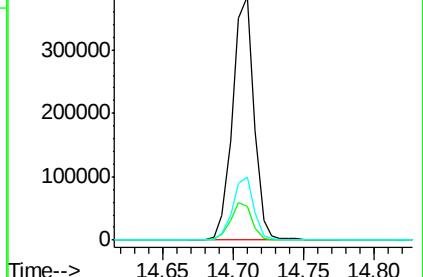
236 25.8 20.5 30.7

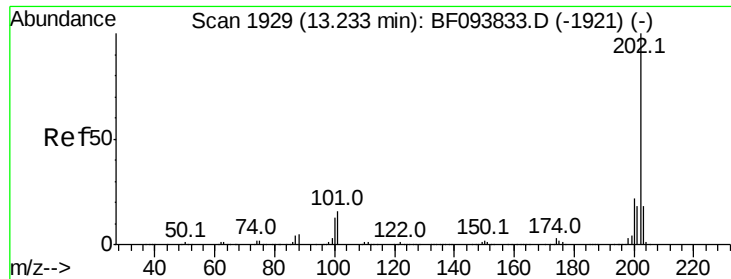


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

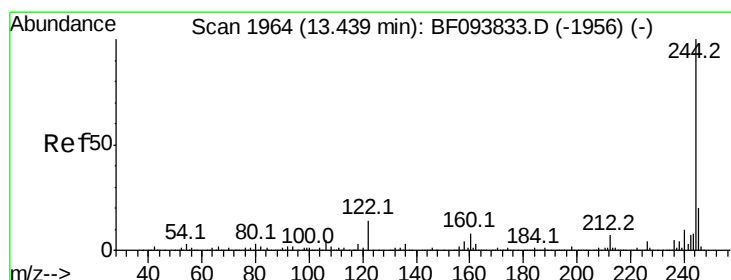
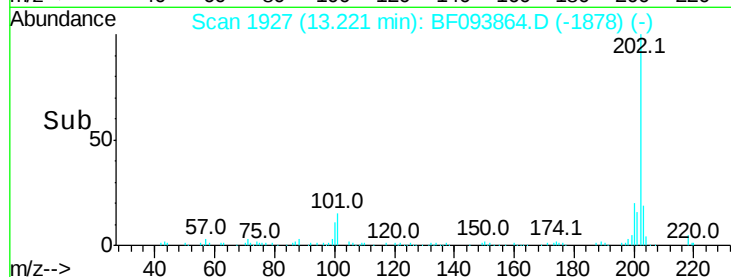
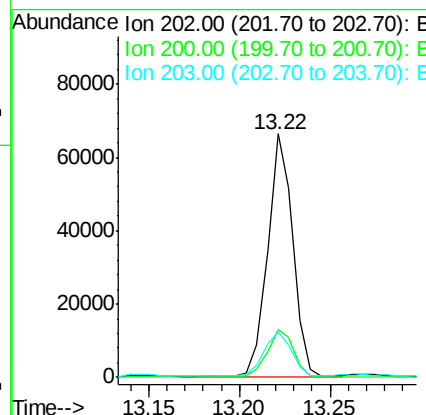
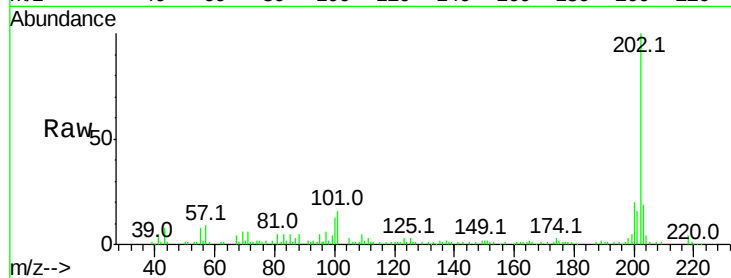




#77
 Pvrene
 Concen: 2.19 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

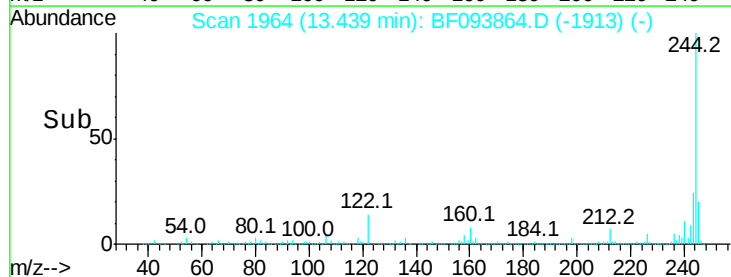
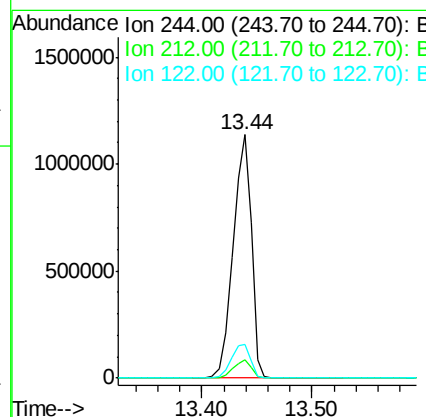
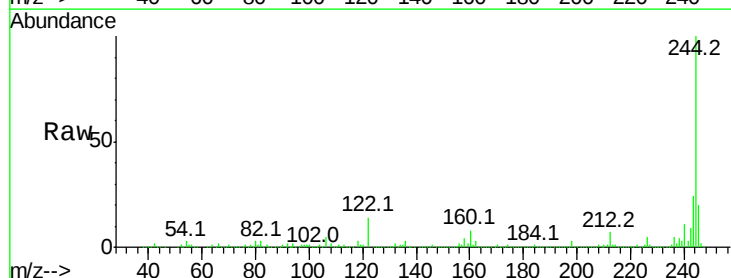
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-RO-120

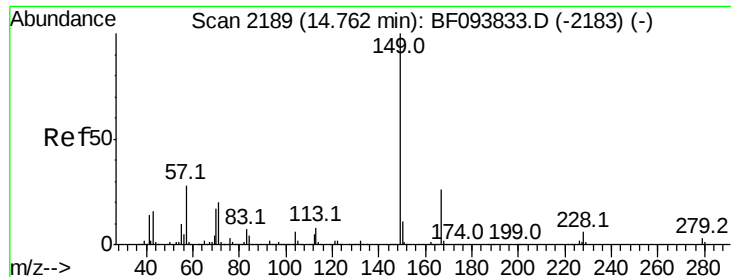
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	18.5	14.4	21.6



#78
 Terphenyl-d14
 Concen: 72.62 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.7	10.3	15.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.25 ng

RT: 14.76 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Instrument :

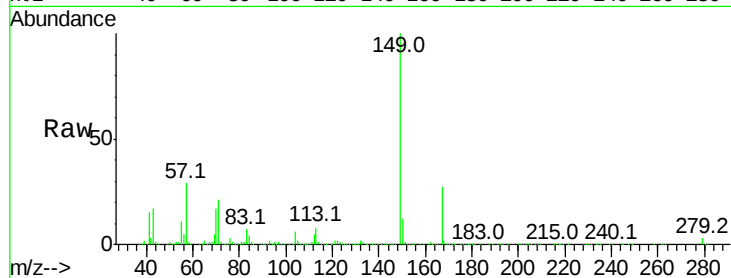
BNA_F

ClientSampleId :

ETGI-RO-120

Tot Ion:149 Resp: 1019386

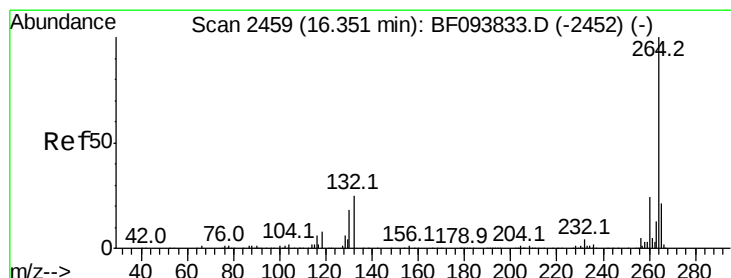
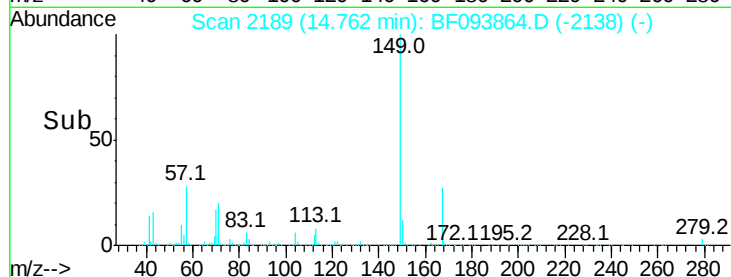
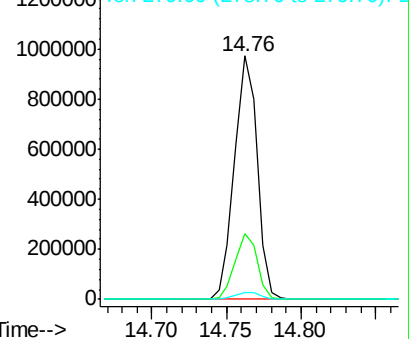
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	3.0	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.34 min Scan# 2458

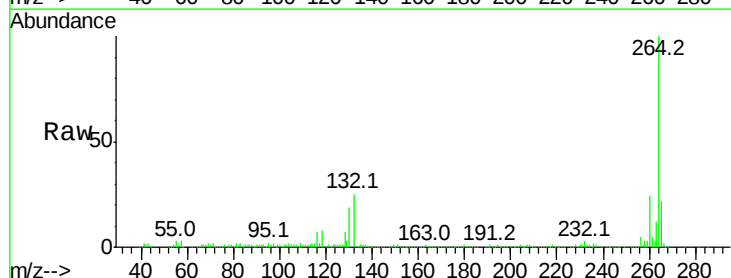
Delta R.T. -0.01 min

Lab File: BF093864.D

Acq: 23 Mar 2017 6:18

Tgt Ion:264 Resp: 319368

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	17.2	25.8



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

