

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 07:10:52 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

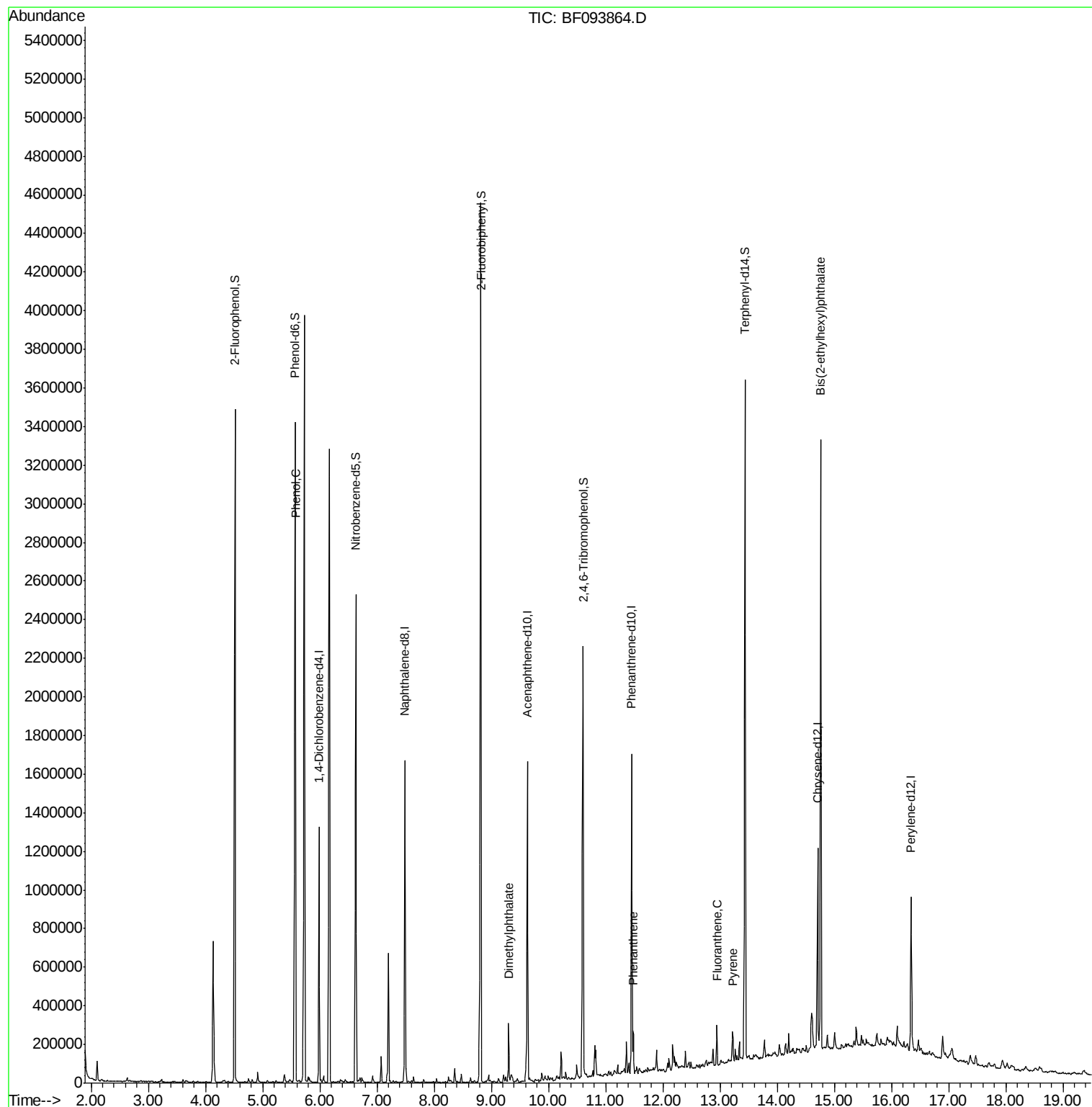
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	208083	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	830977	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	374851	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	624481	20.00	ng	0.00
75) Chrysene-d12	14.71	240	407805	20.00	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	89
49) Dimethylphthalate	9.30	163	124379	4.67	ng	99
70) Phenanthrene	11.49	178	87488	2.52	ng	96
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

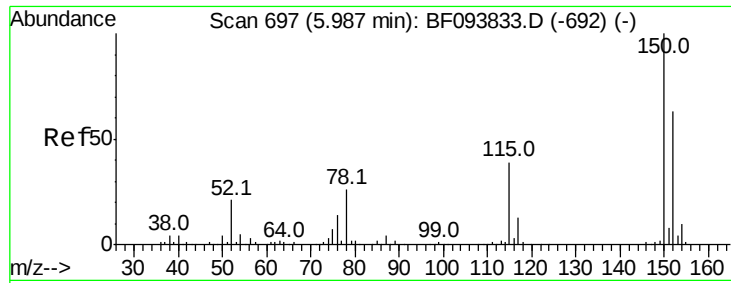
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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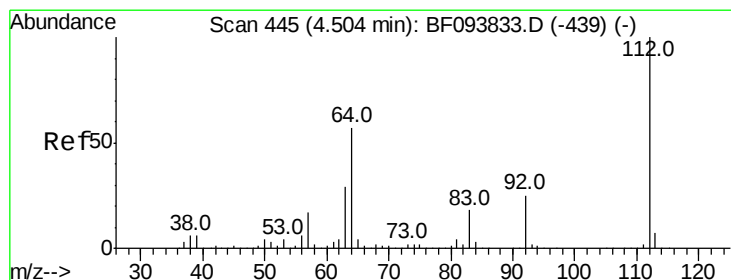
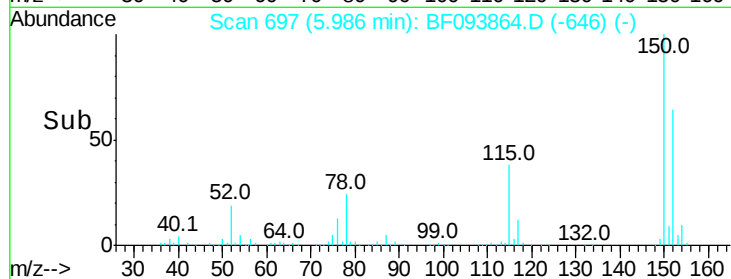
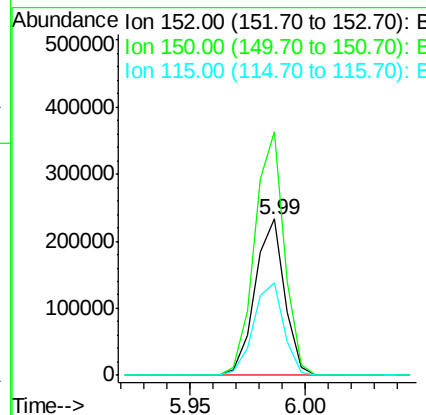
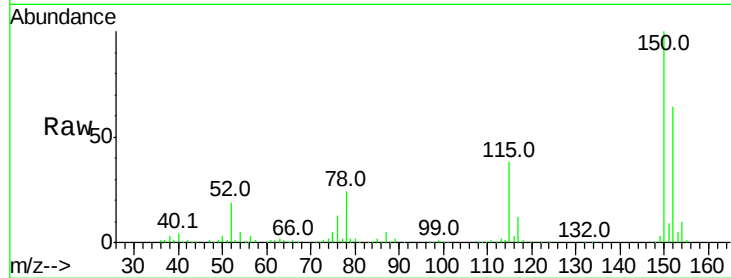


#1

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

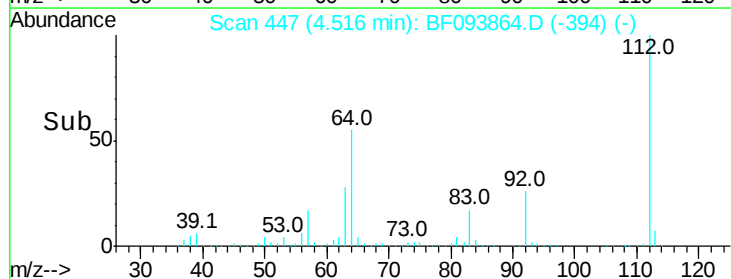
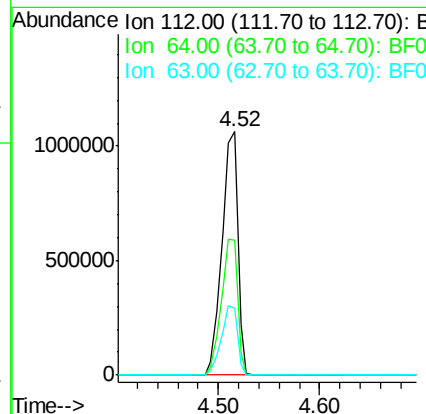
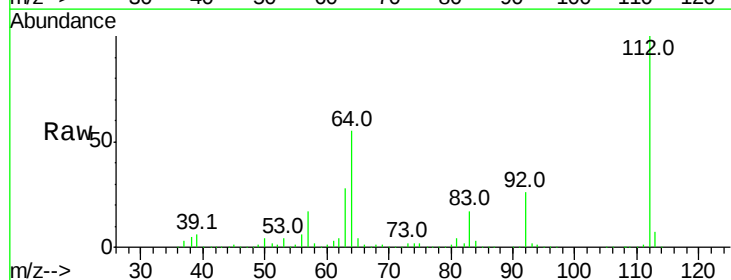
Tot Ion:152 Resp: 208083
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 59.0 52.2 78.2



#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

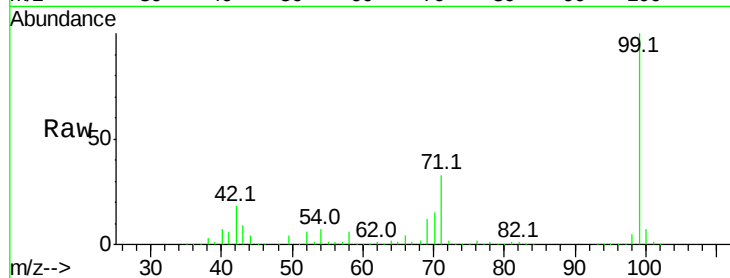
Tot Ion: 99 Resp: 1611097

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

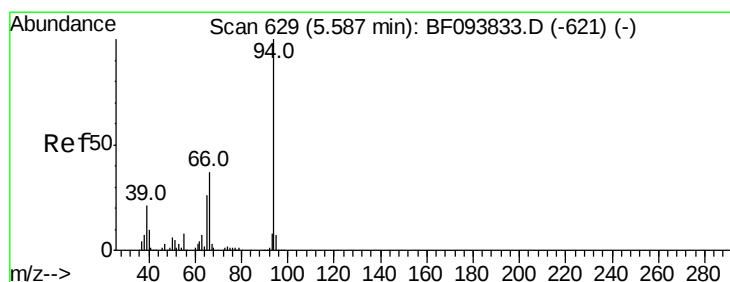
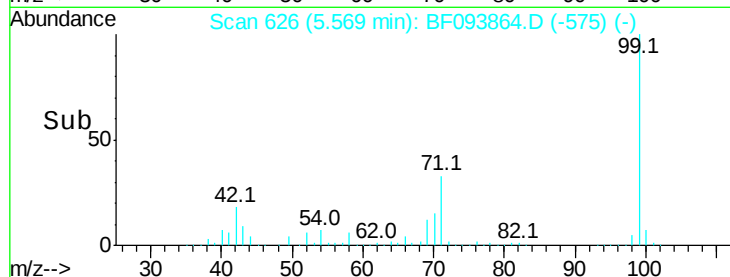
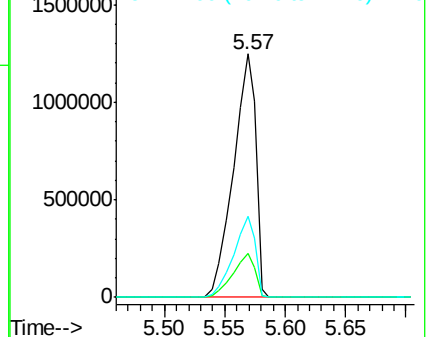
71 33.5 24.5 36.7



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

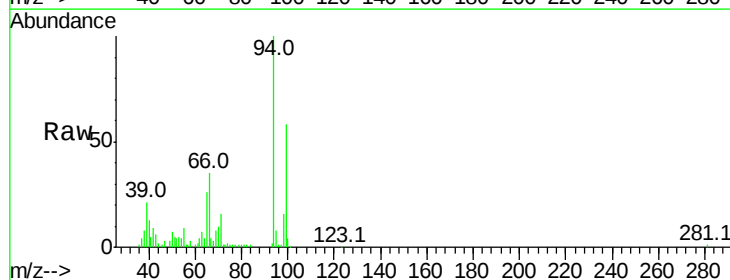
Tgt Ion: 94 Resp: 41793

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

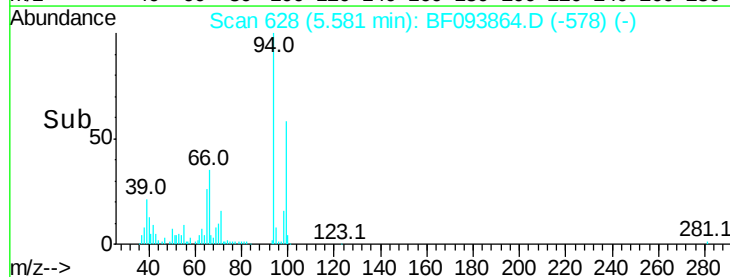
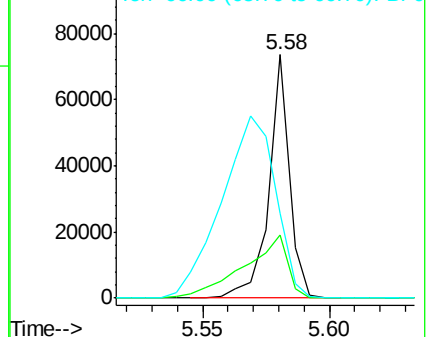
66 34.8 23.1 63.1



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





#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

Instrument :

BNA_F

ClientSampleId :

ETGI-RO-120

Tot Ion:136 Resp: 830977

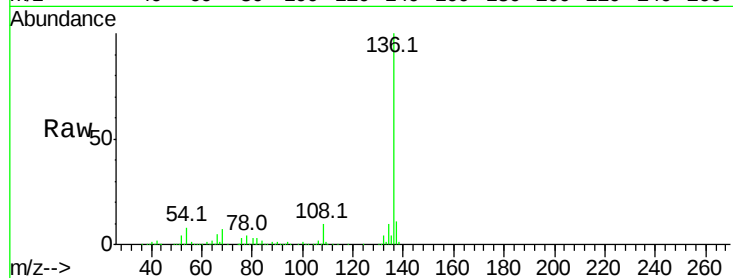
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.9 4.9 7.3#

68 6.6 4.1 6.1#

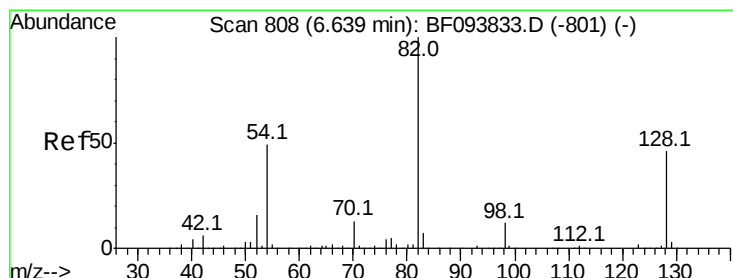
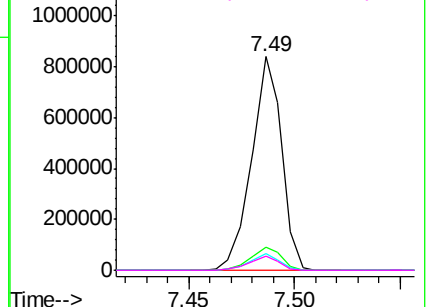
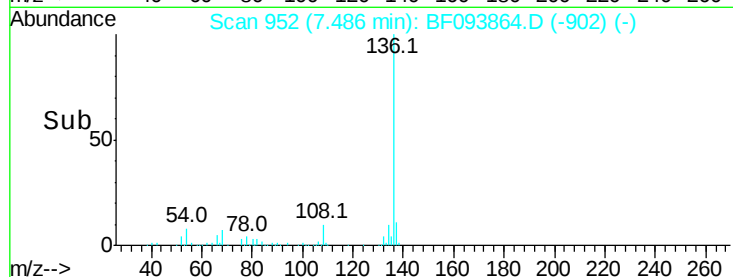


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

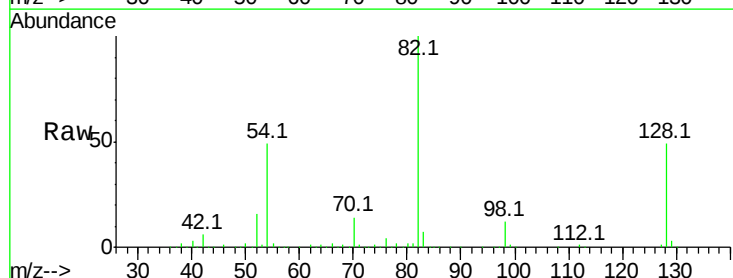
Tgt Ion: 82 Resp: 1022547

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

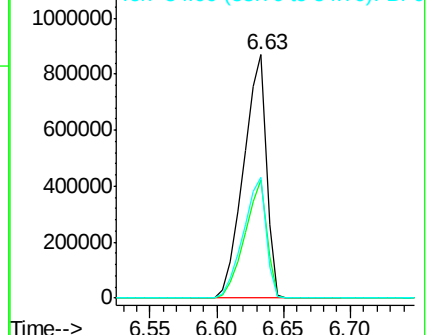
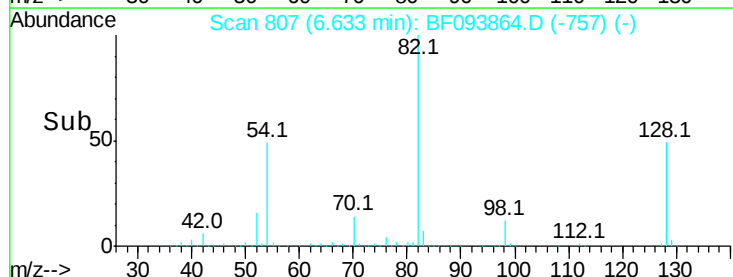
54 49.4 42.2 63.2

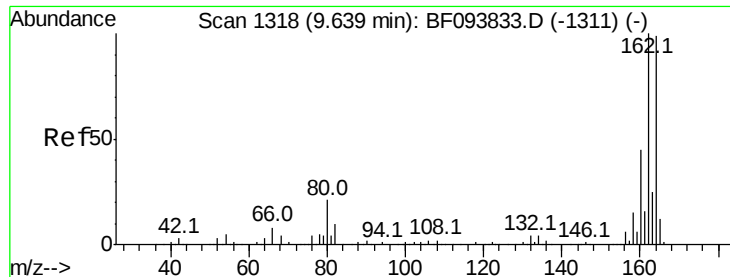


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

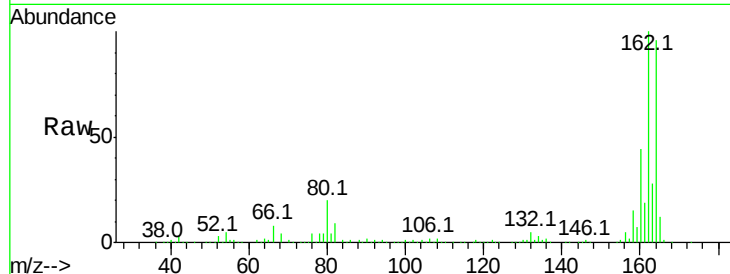




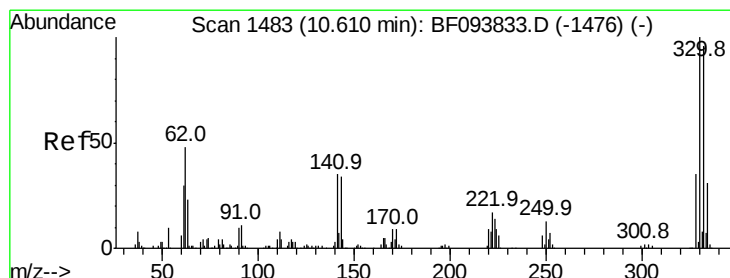
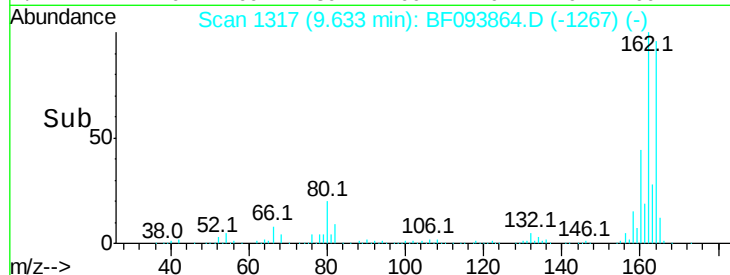
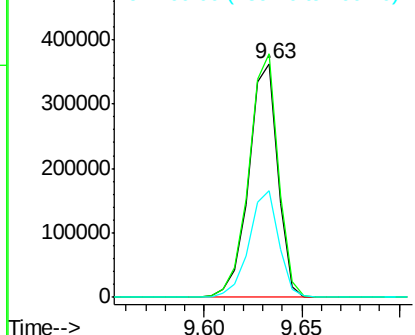
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ETGI-RO-120

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

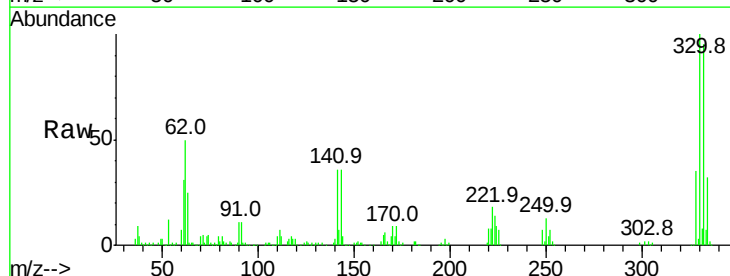


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

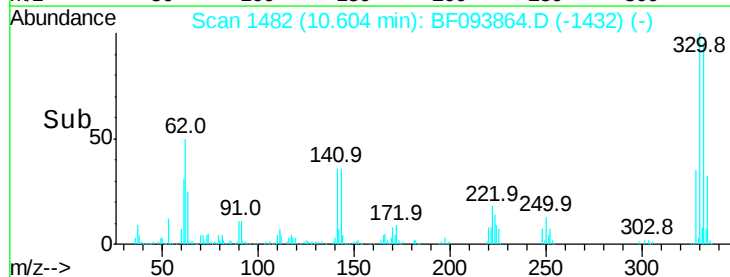
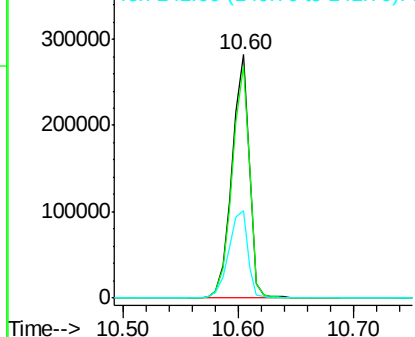


#41
2,4,6-Tribromophenol
Concen: 99.32 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Tgt 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

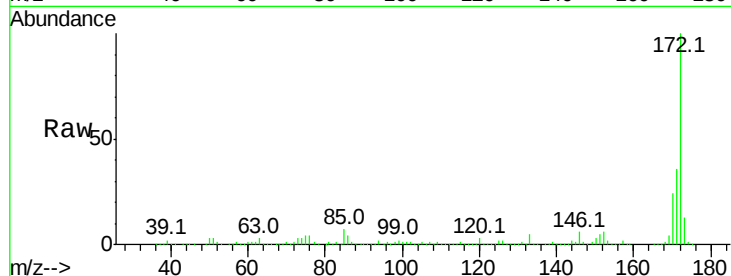




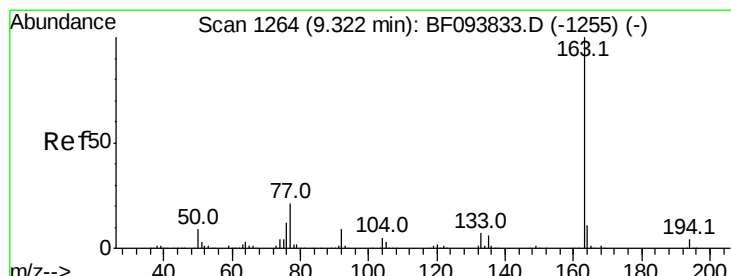
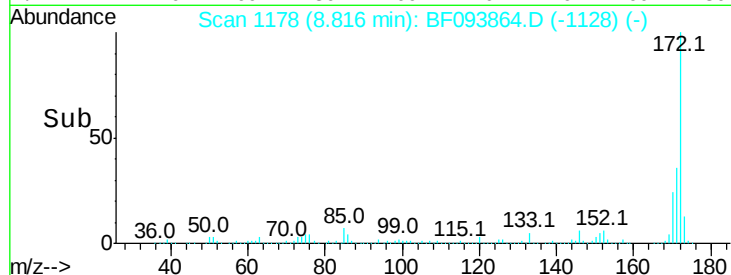
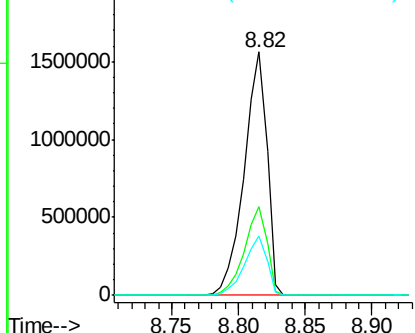
#44
2-Fluorobiphenyl
Concen: 74.33 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :
ETGI-RO-120

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

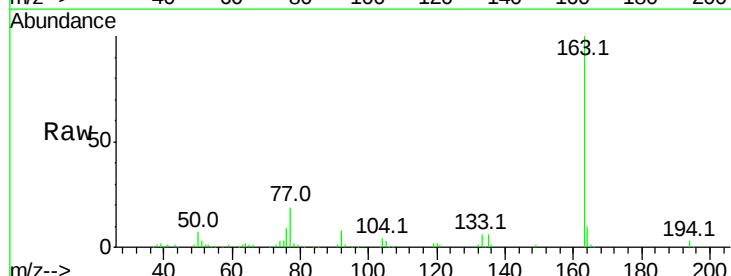


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

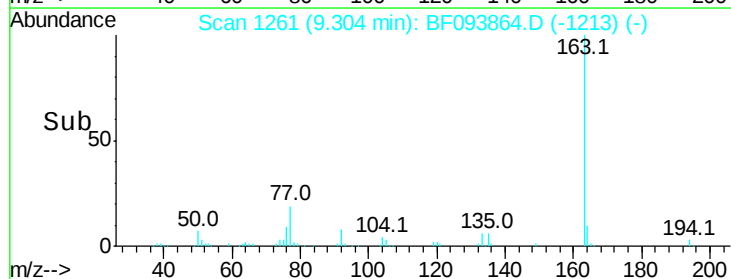
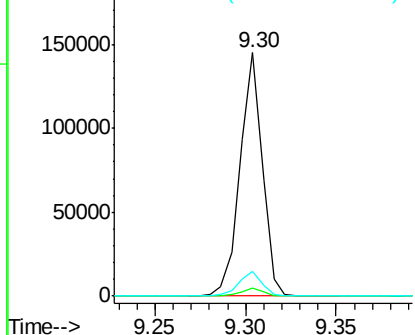


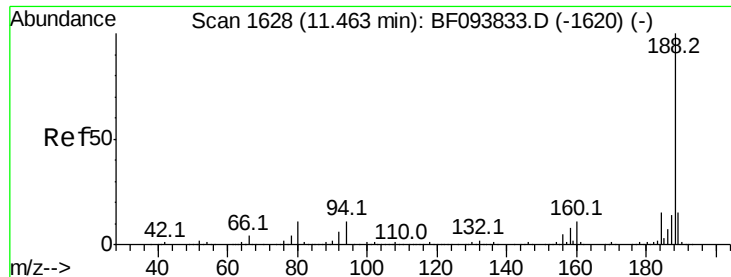
#49
Dimethylphthalate
Concen: 4.67 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

Tgt 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

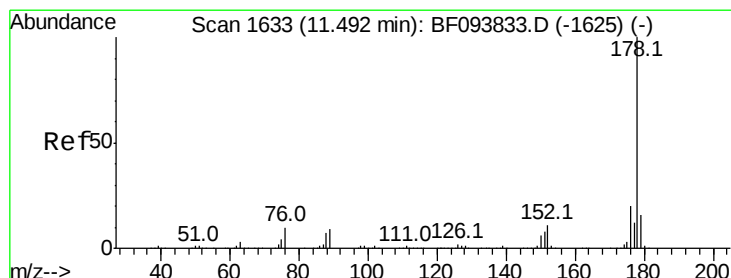
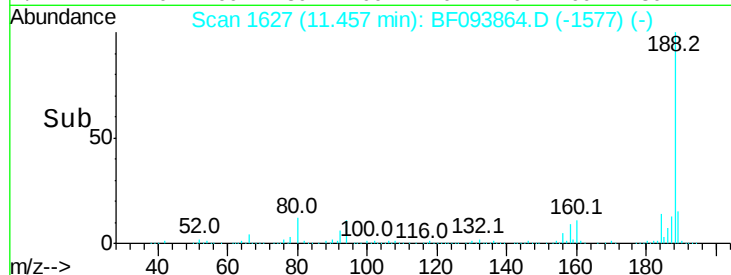
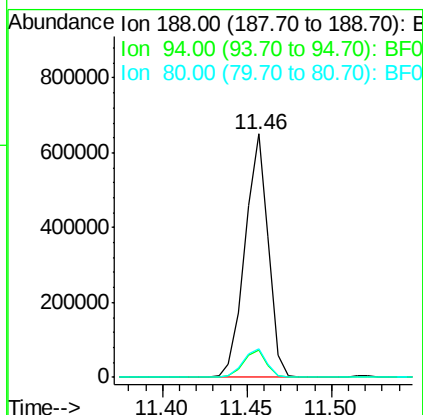
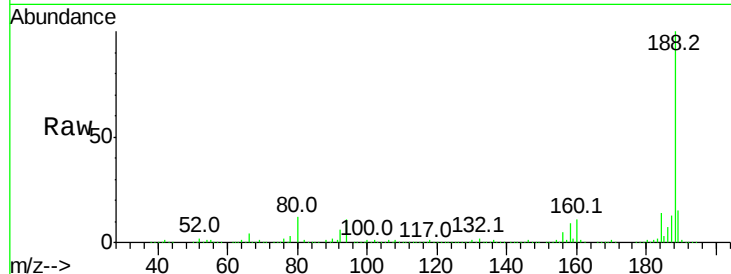




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

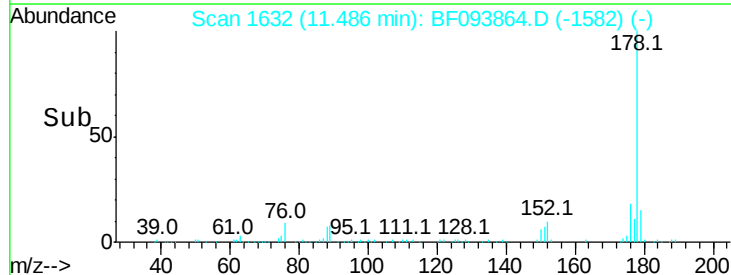
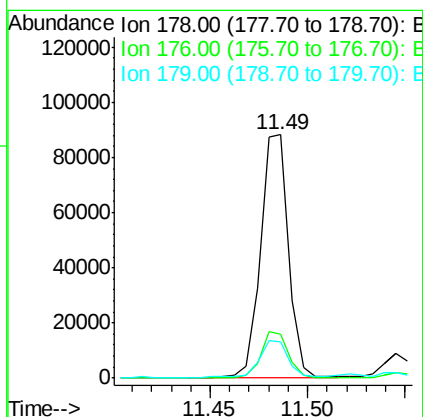
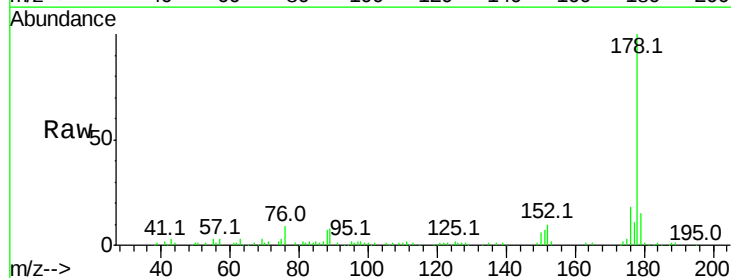
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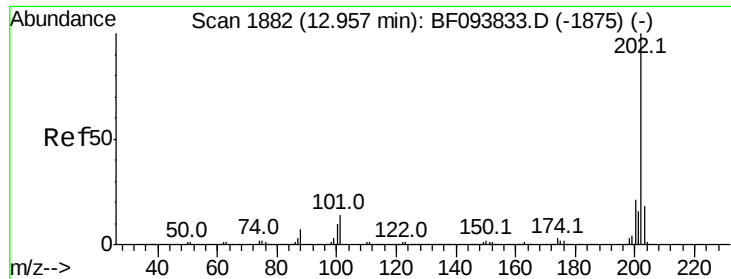
Tot Ion:188 Resp: 624481
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.6 10.2 15.2



#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

Tgt Ion:178 Resp: 87488
Ion Ratio Lower Upper
178 100
176 18.1 16.2 24.4
179 14.8 12.6 19.0

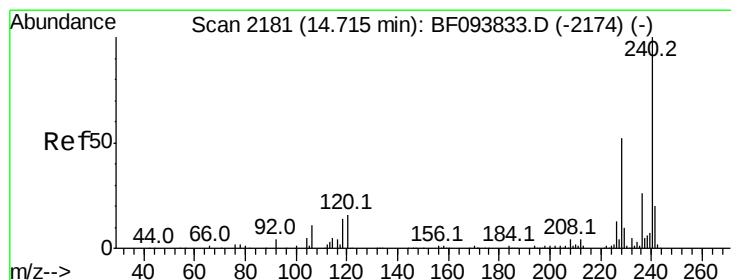
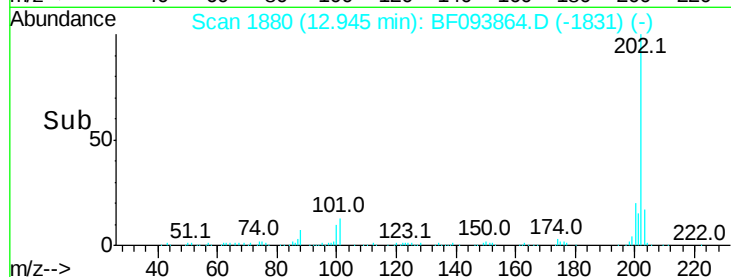
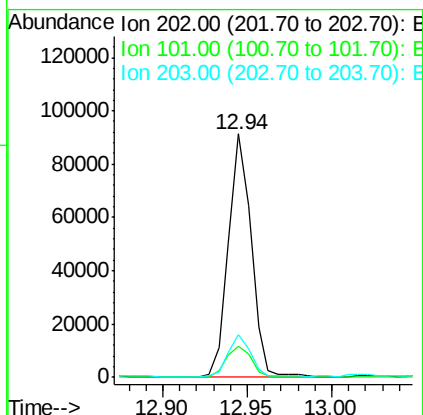
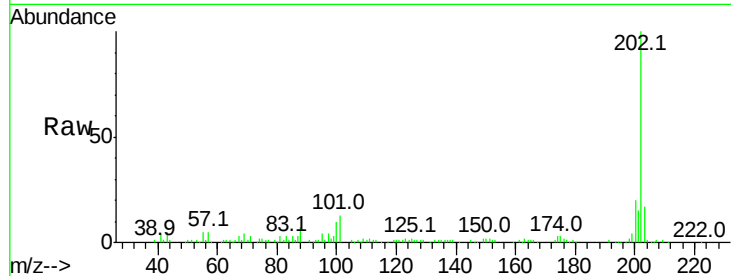




#74
 Fluoranthene
 Concen: 2.42 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF093864.D
 Acq: 23 Mar 2017 6:18

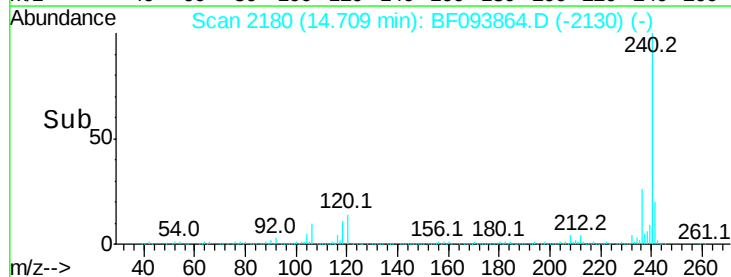
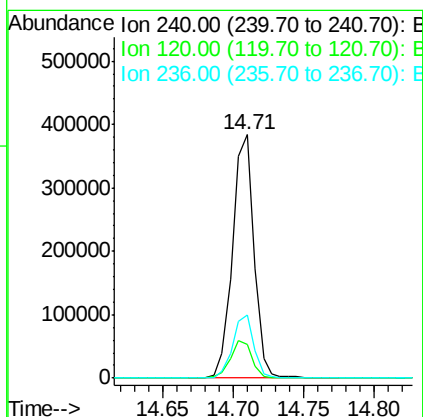
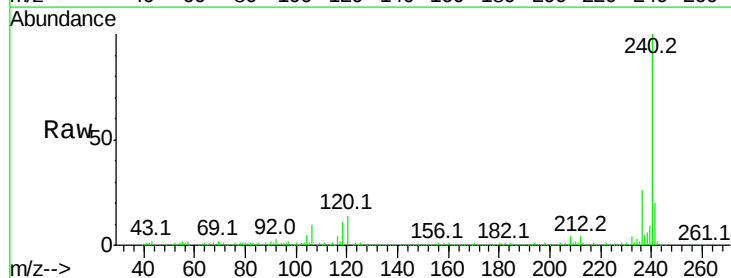
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-RO-120

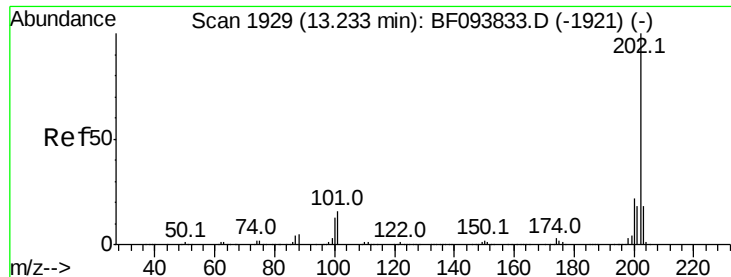
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.3	0.0	38.1



#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	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.8	20.5	30.7

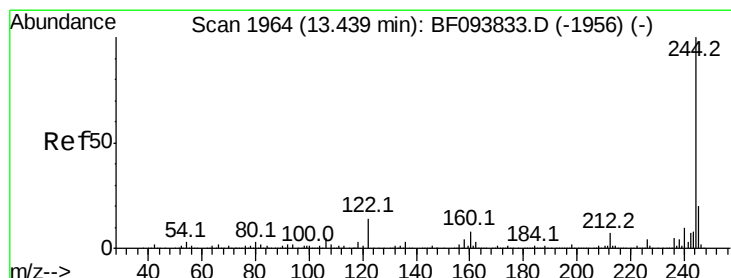
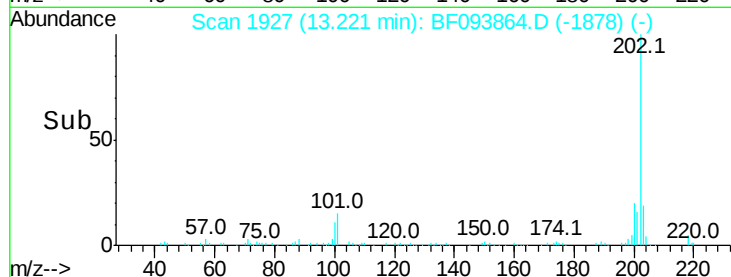
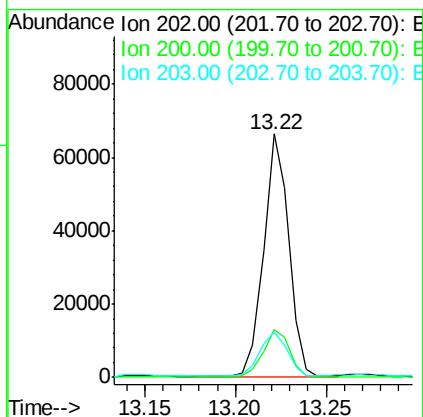
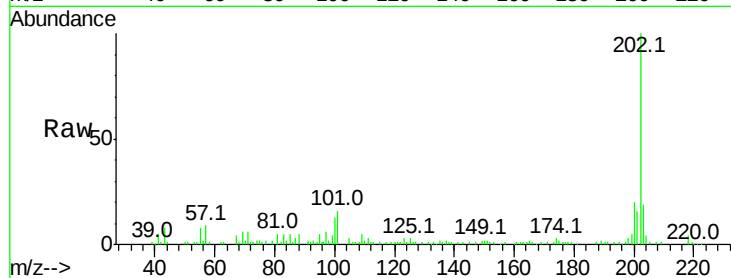




#77
Pvrene
Concen: 2.19 ng
RT: 13.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF093864.D
Acq: 23 Mar 2017 6:18

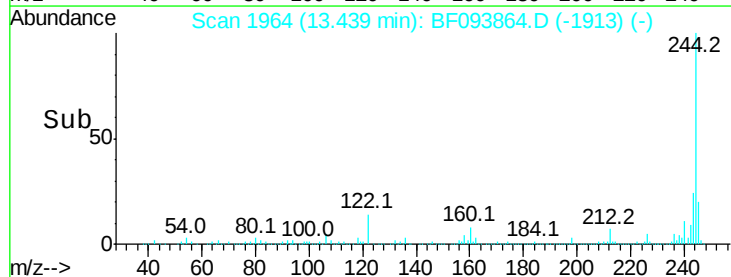
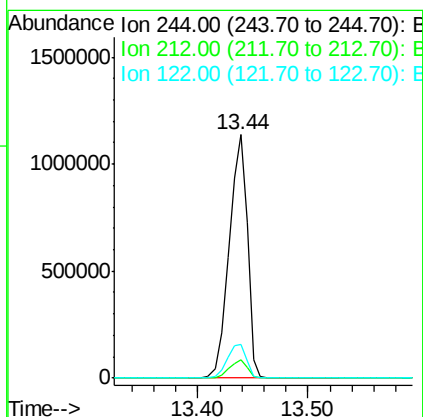
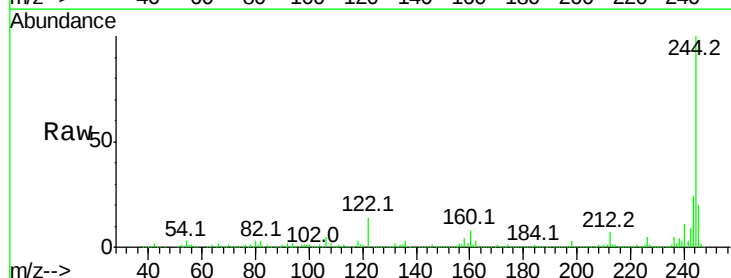
Instrument :
BNA_F
ClientSampleId :
ETGI-RO-120

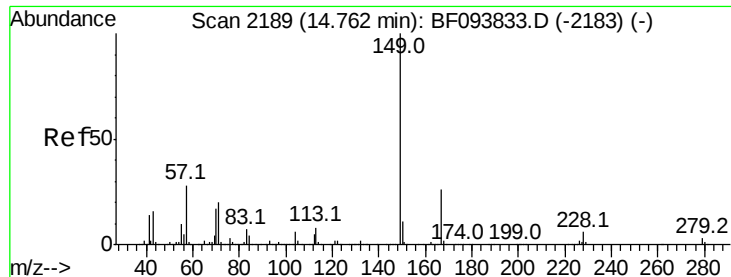
Tot Ion:202 Resp: 64807
Ion Ratio Lower Upper
202 100
200 19.9 17.6 26.4
203 18.5 14.4 21.6



#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:244 Resp: 1321131
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 :

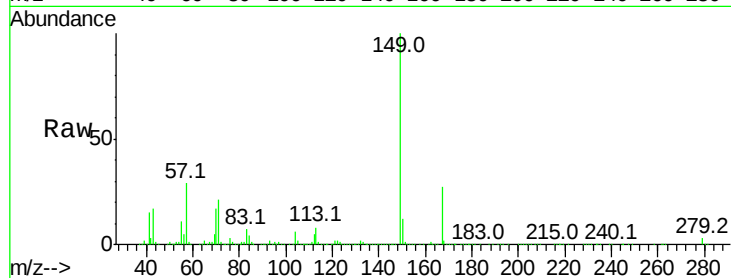
BNA_F

ClientSampleId :

ETGI-RO-120

Tot Ion:149 Resp: 1019386

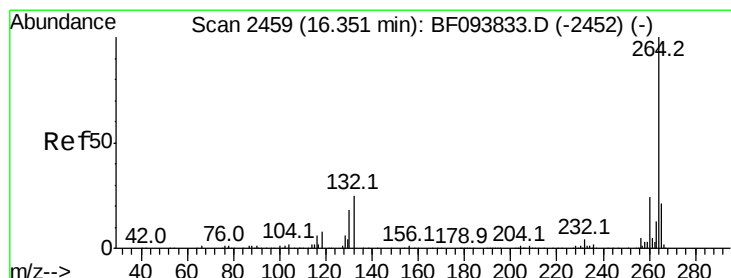
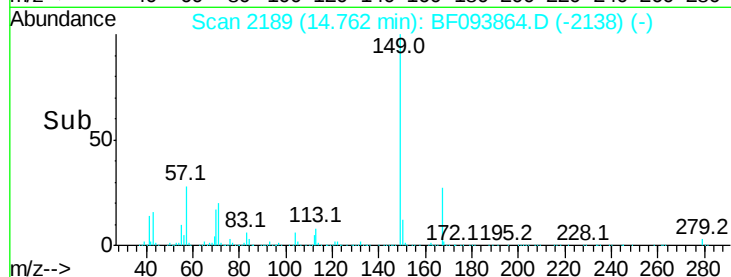
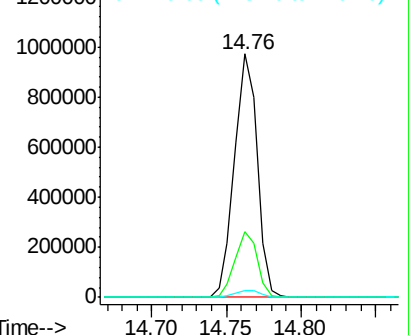
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	3.0	1.9	2.9#



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

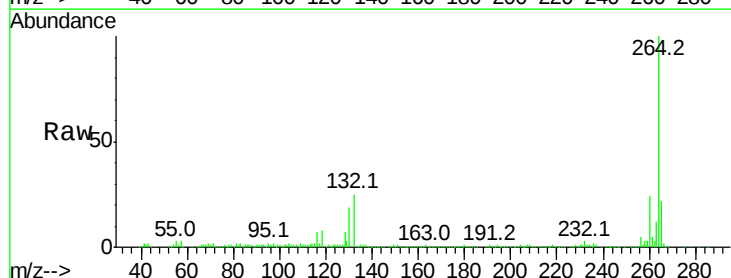
Delta R.T. -0.01 min

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

