

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097886.D
 Acq On : 19 Aug 2017 18:39
 Operator : SJ/JU
 Sample : I4847-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-152-ETGI

Quant Time: Aug 21 02:42:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

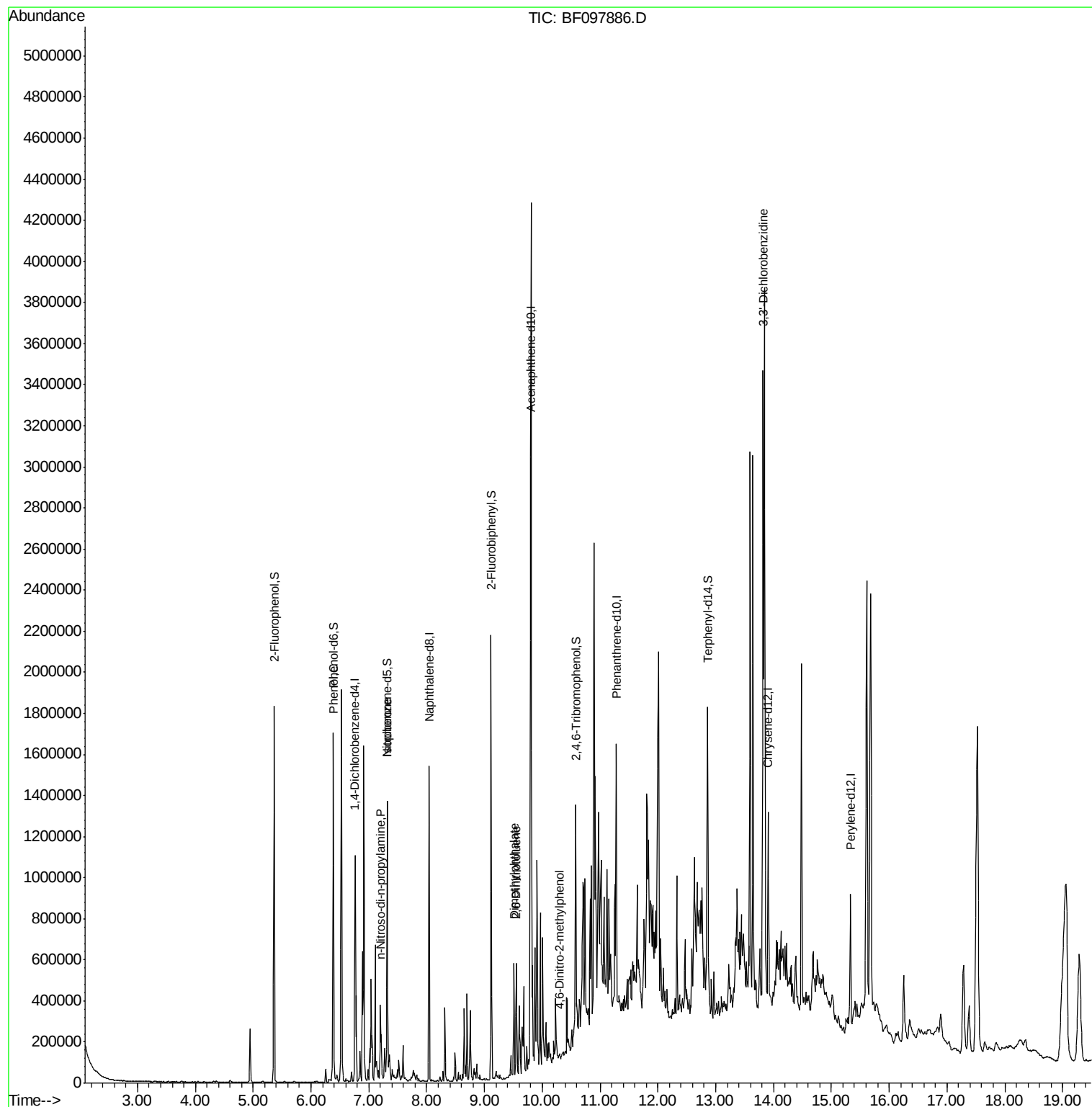
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157655	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	639696	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	251259	20.00	ng	-0.03
63) Phenanthrene-d10	11.28	188	469565	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	292179	20.00	ng	-0.03
86) Perylene-d12	15.33	264	287172	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	467207	45.08	ng	-0.02
7) Phenol-d6	6.39	99	644087	45.74	ng	-0.02
23) Nitrobenzene-d5	7.32	82	423593	35.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	111598	51.19	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	688682	40.27	ng	-0.02
78) Terphenyl-d14	12.86	244	426261	30.42	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.40	94	35941	2.18	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	27430	2.85	ng	# 49
25) Isophorone	7.32	82	420358	17.17	ng	# 67
49) Dimethylphthalate	9.51	163	121661	6.62	ng	100
50) 2,6-Dinitrotoluene	9.55	165	22306	6.08	ng	# 35
64) 4,6-Dinitro-2-methylphenol	10.30	198	109	8.36	ng	# 23
81) 3,3'-Dichlorobenzidine	13.82	252	12512	2.12	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

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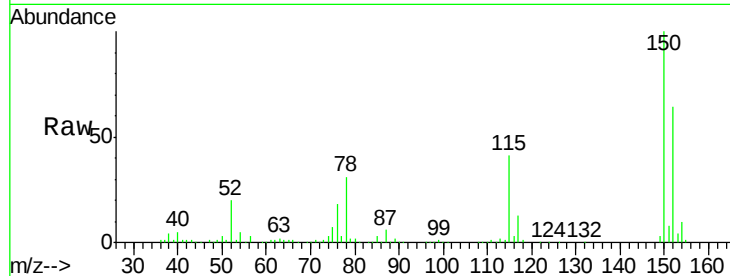
Tot Ion:152 Resp: 157655

Ion Ratio Lower Upper

152 100

150 155.1 126.2 189.2

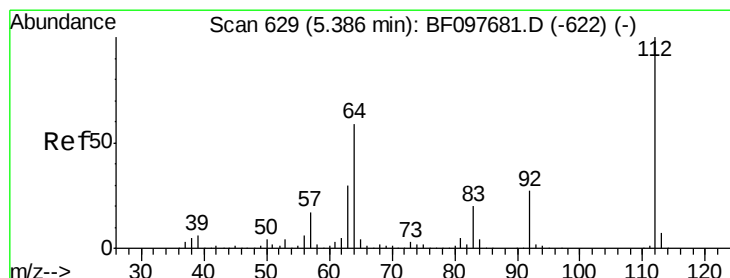
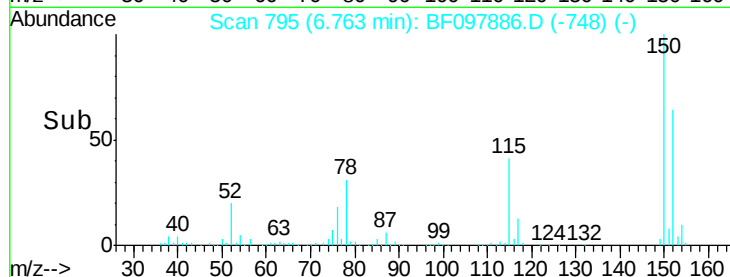
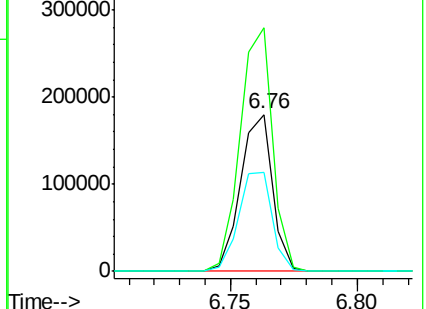
115 63.4 52.2 78.2



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: 45.08 ng

RT: 5.36 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

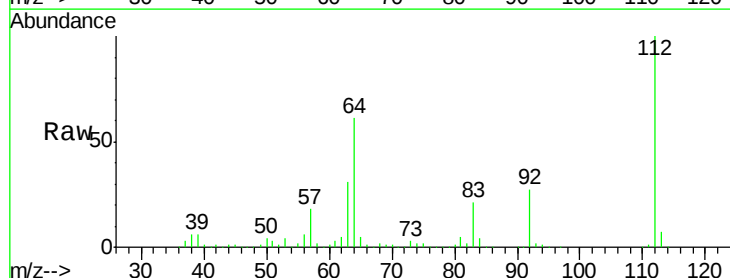
Tgt Ion:112 Resp: 467207

Ion Ratio Lower Upper

112 100

64 61.0 46.0 69.0

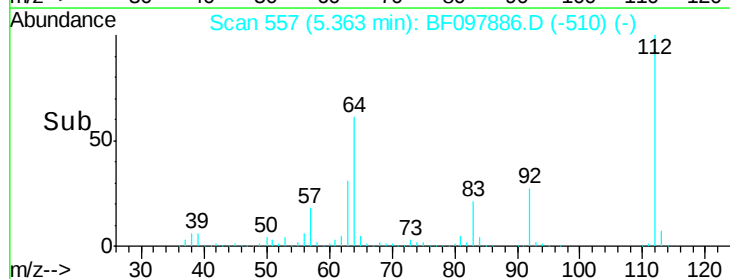
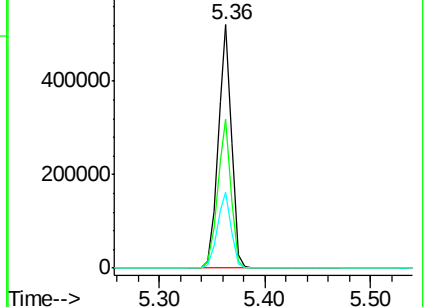
63 31.3 23.4 35.0

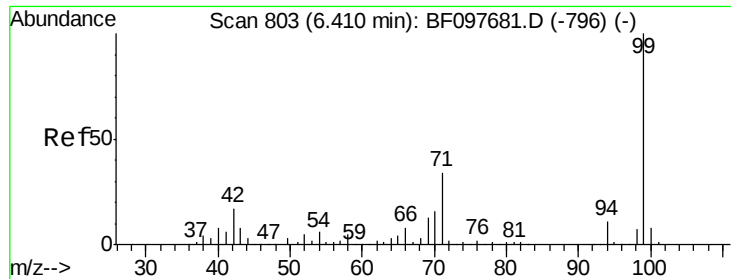


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.74 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

Instrument :

BNA_F

ClientSampleId :

RO-152-ETGI

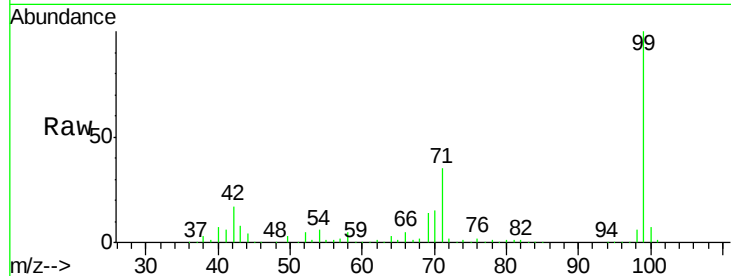
Tot Ion: 99 Resp: 644087

Ion Ratio Lower Upper

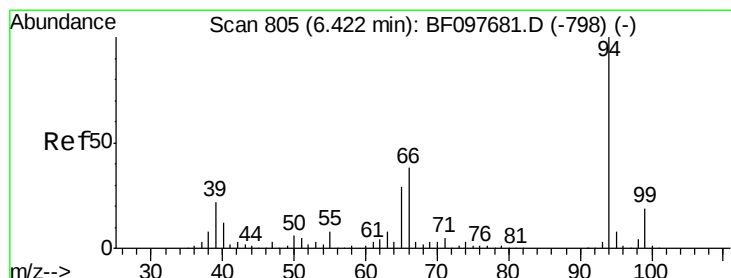
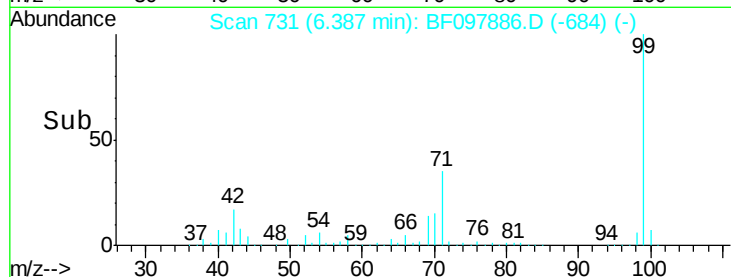
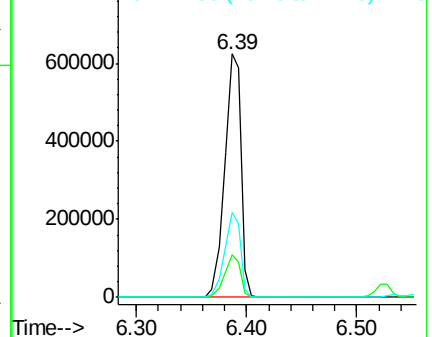
99 100

42 17.4 13.5 20.3

71 34.7 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: 2.18 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

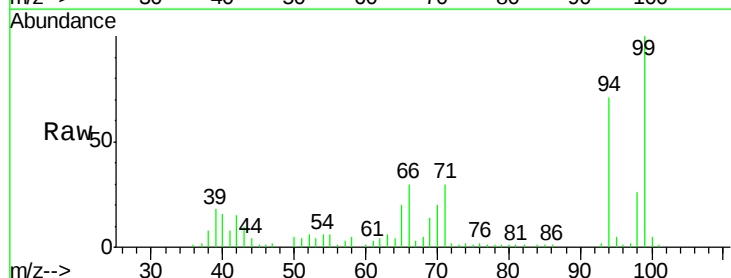
Tgt Ion: 94 Resp: 35941

Ion Ratio Lower Upper

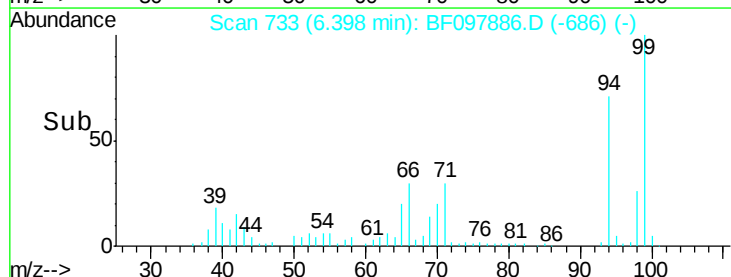
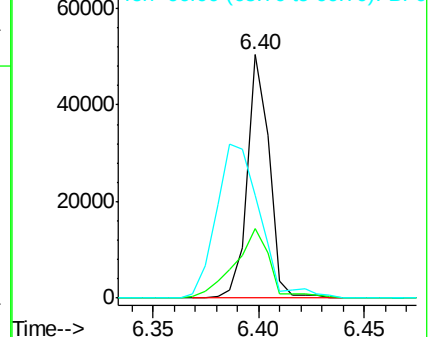
94 100

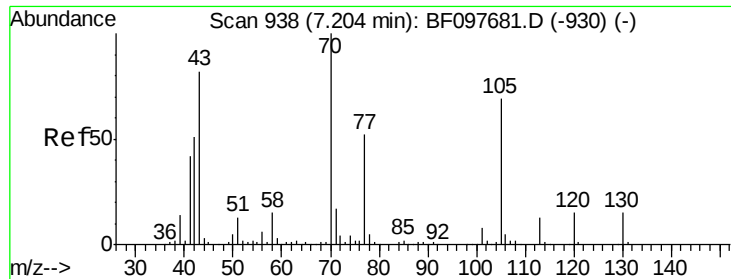
65 28.6 9.9 49.9

66 42.5 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

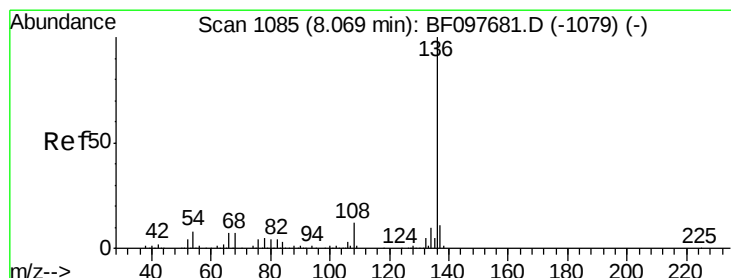
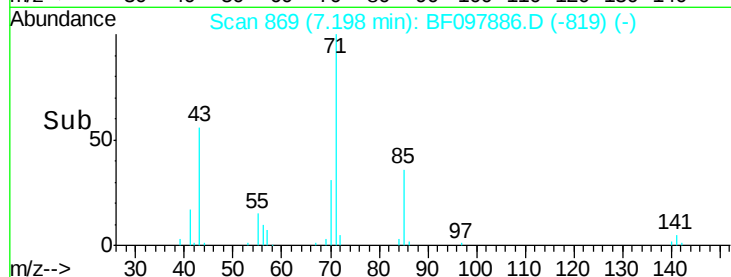
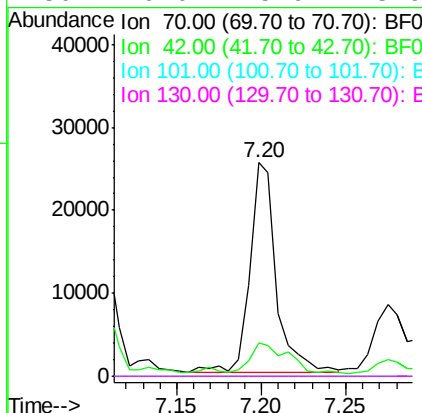
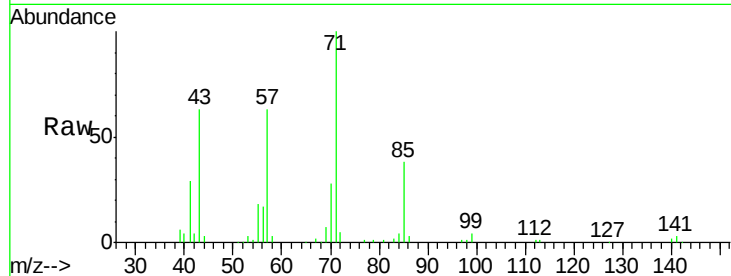




#19
n-Nitroso-di-n-propylamine
Concen: 2.85 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097886.D
Acq: 19 Aug 2017 18:39

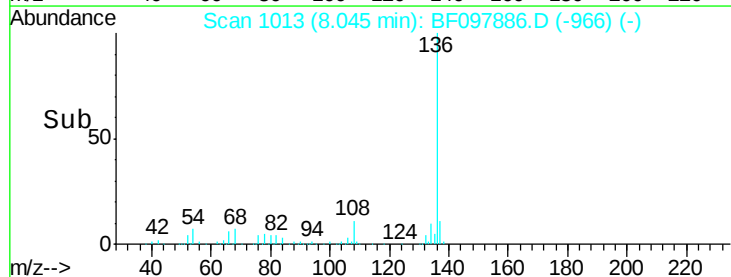
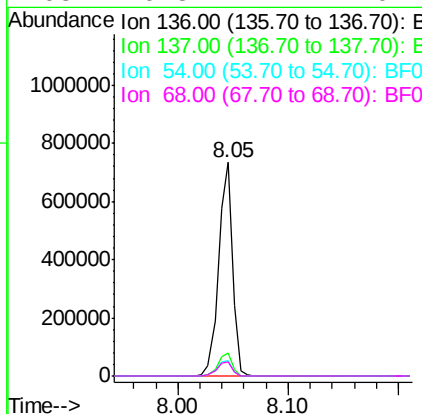
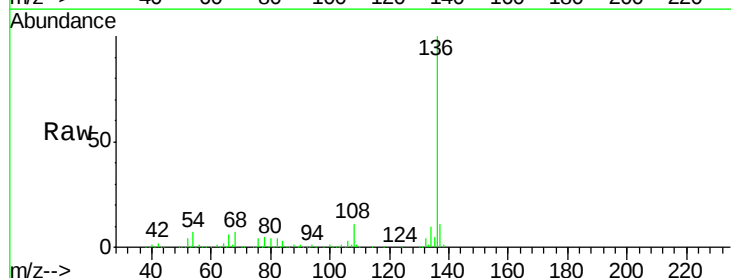
Instrument :
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RO-152-ETGI

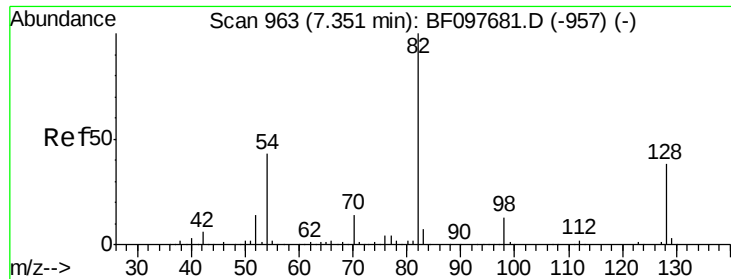
Tot Ion: 70 Resp: 27430
Ion Ratio Lower Upper
70 100
42 15.4 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097886.D
Acq: 19 Aug 2017 18:39

Tgt Ion: 136 Resp: 639696
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.2 4.9 7.3
68 6.8 4.1 6.1#

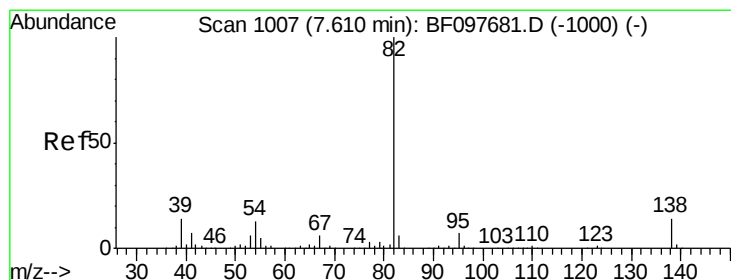
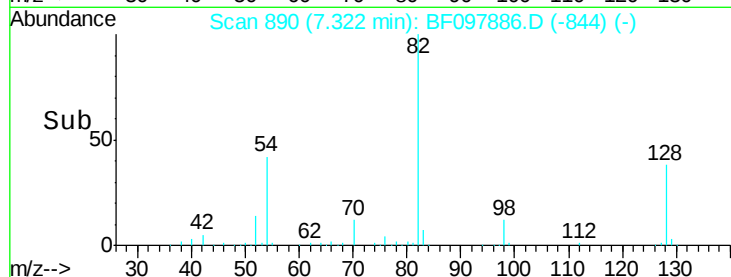
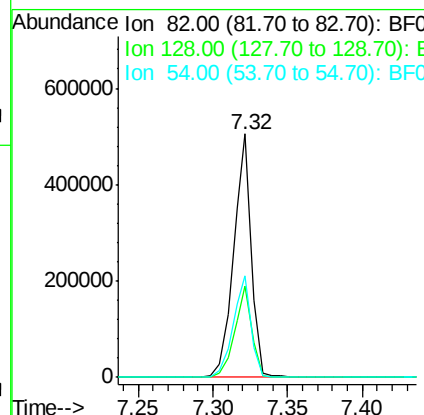
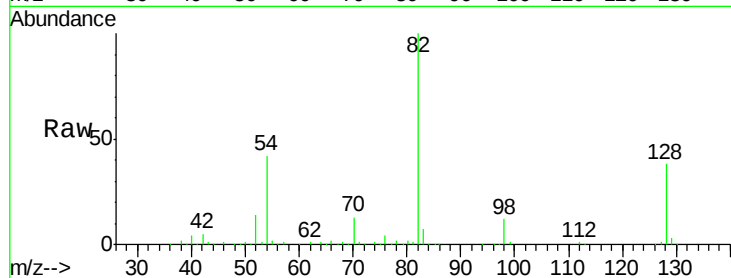




#23
 Nitrobenzene-d5
 Concen: 35.97 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.03 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

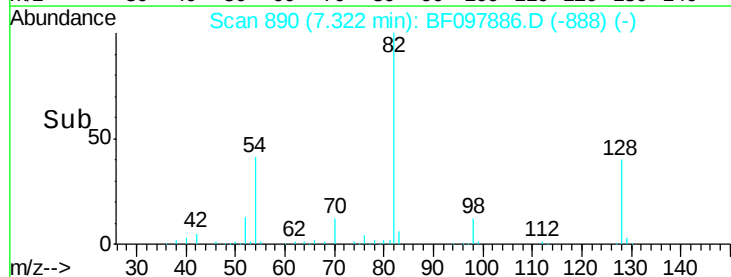
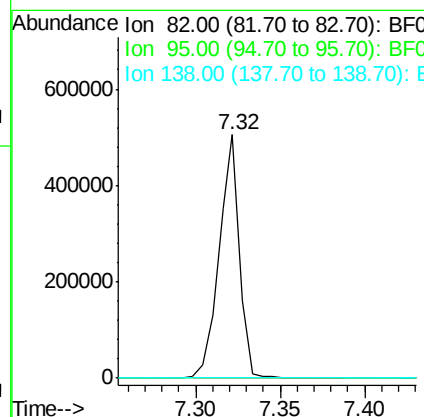
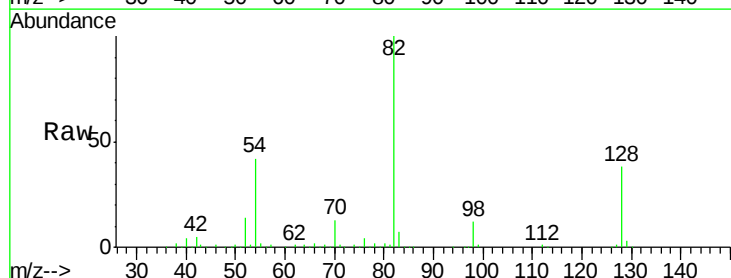
Instrument :
 BNA_F
 ClientSampleId :
 RO-152-ETGI

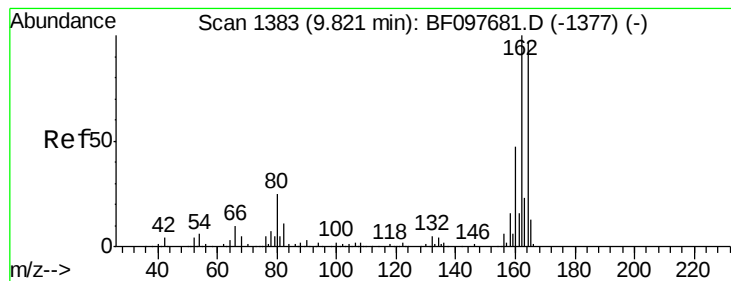
Tot Ion	82	Resp	423593
Ion Ratio	Lower	Upper	
82	100		
128	37.7	34.0	51.0
54	41.8	42.2	63.2#



#25
 Isophorone
 Concen: 17.17 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.29 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Tgt Ion	82	Resp	420358
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

Instrument :

BNA_F

ClientSampleId :

RO-152-ETGI

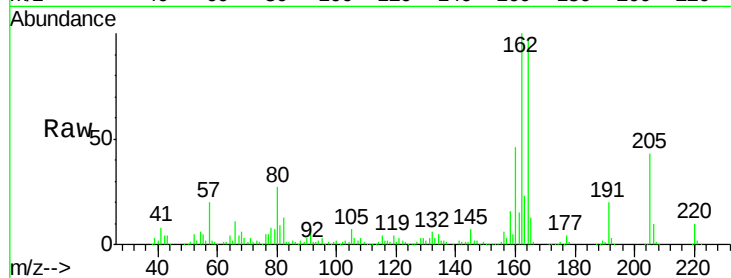
Tot Ion:164 Resp: 251259

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

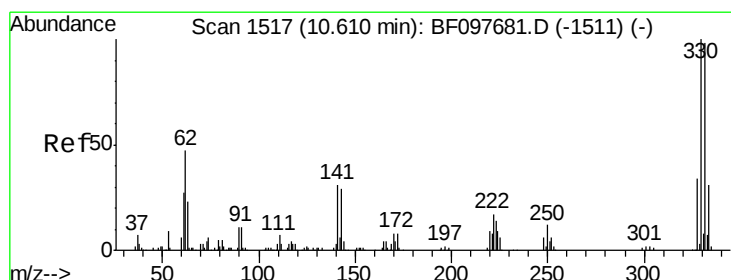
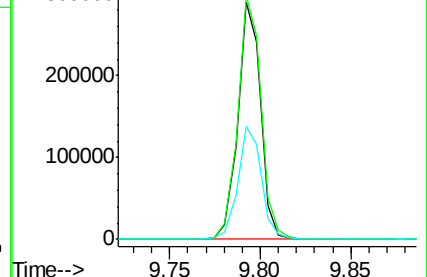
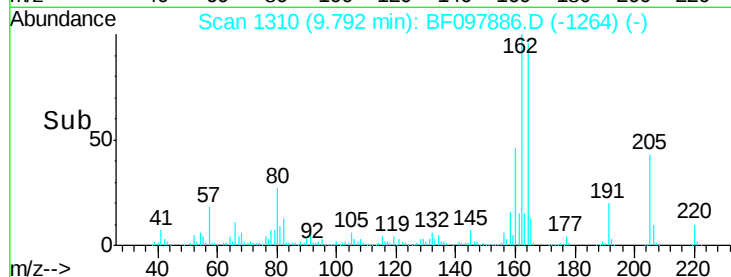
160 47.6 36.2 54.2



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: 51.19 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.03 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

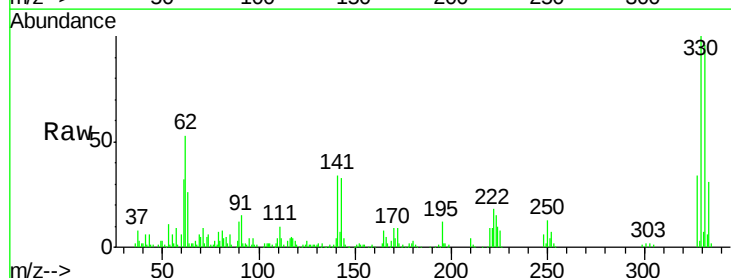
Tgt Ion:330 Resp: 111598

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

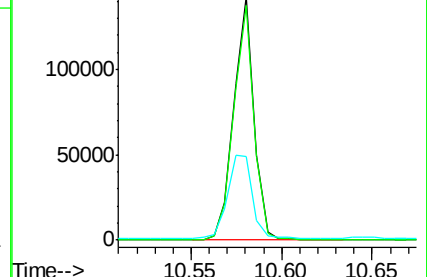
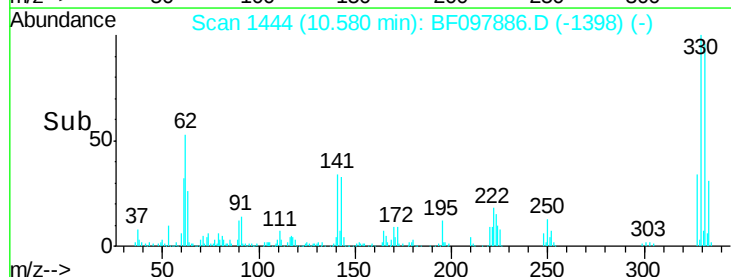
141 42.0 31.4 47.2

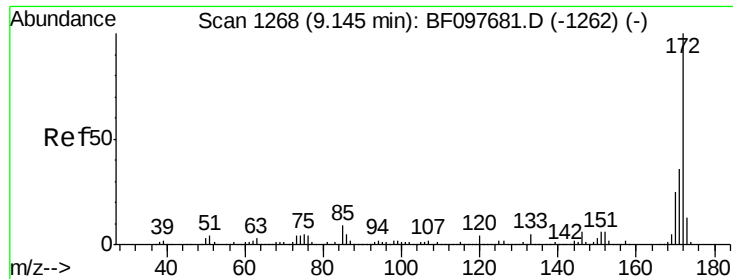


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

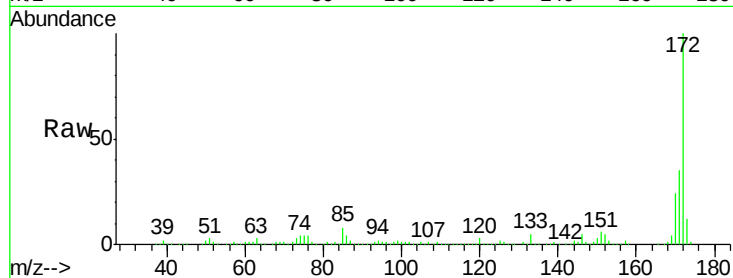




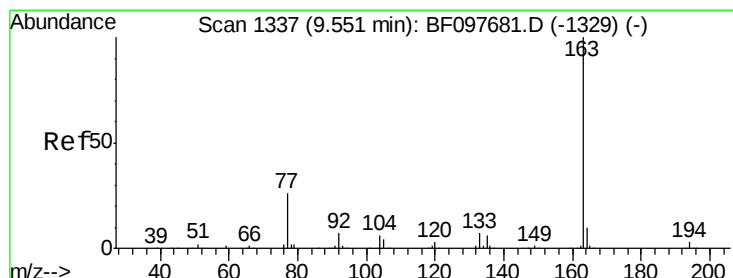
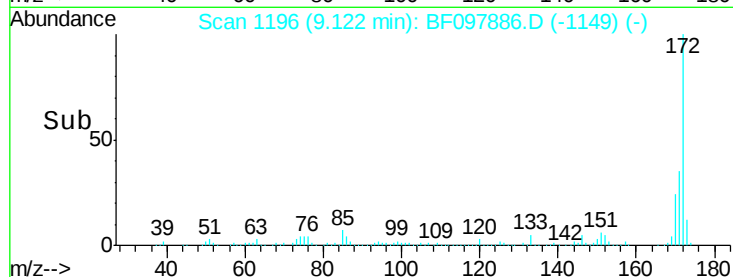
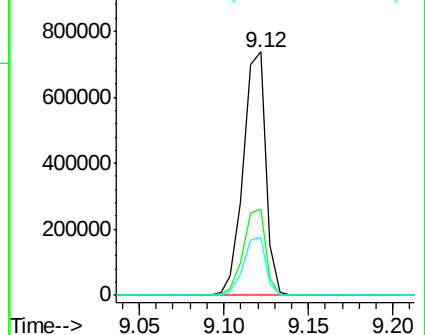
#44
 2-Fluorobiphenyl
 Concen: 40.27 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Instrument :
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 RO-152-ETGI

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.0	19.8	29.8

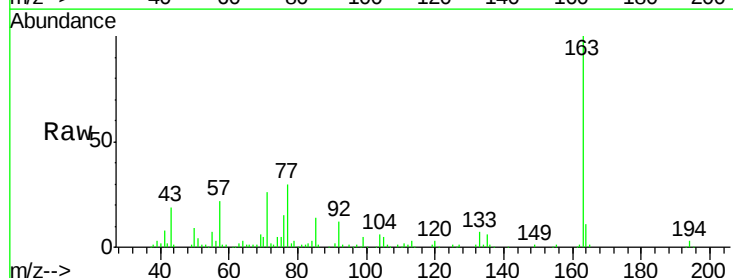


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

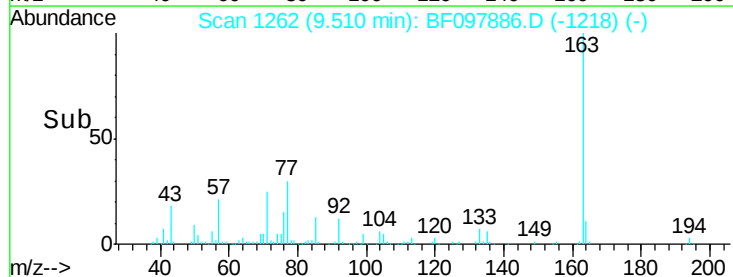
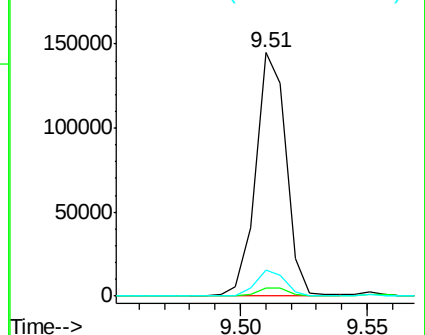


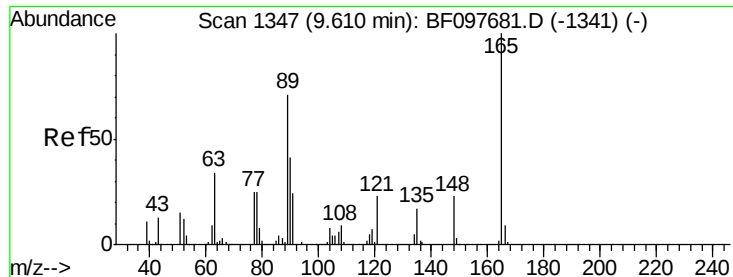
#49
 Dimethylphthalate
 Concen: 6.62 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.04 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	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

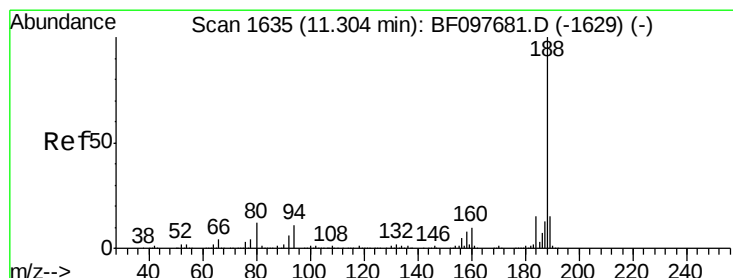
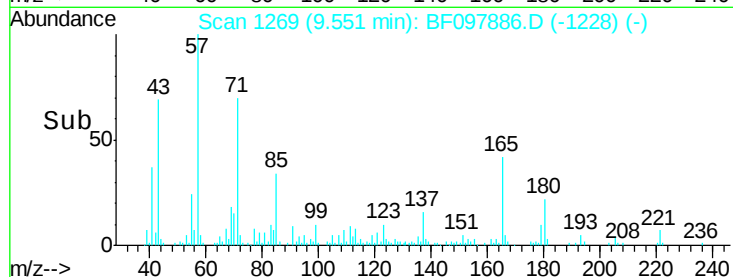
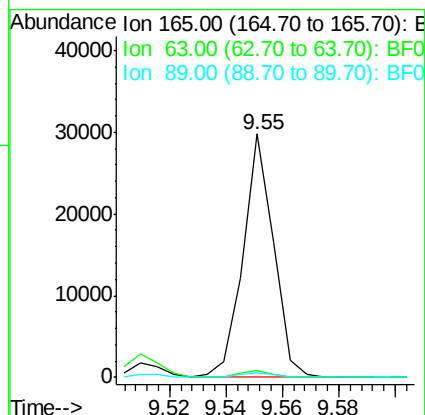
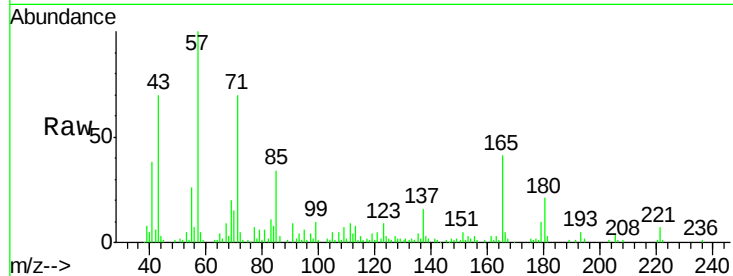




#50
2,6-Dinitrotoluene
Concen: 6.08 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.06 min
Lab File: BF097886.D
Acq: 19 Aug 2017 18:39

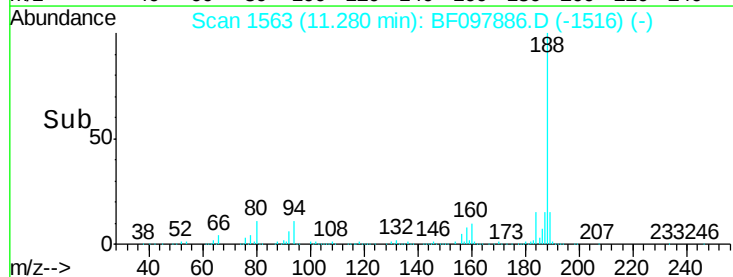
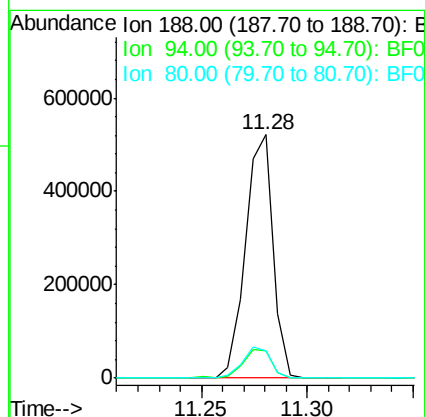
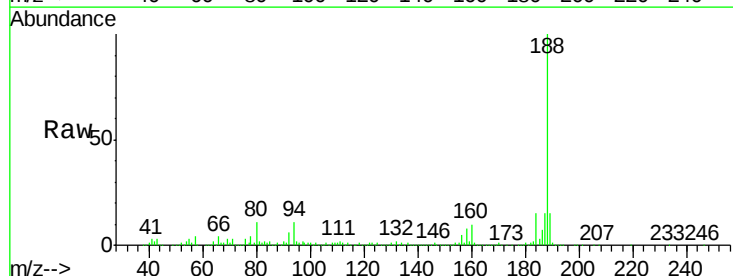
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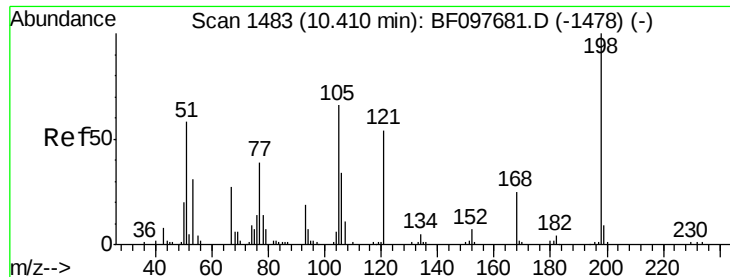
Tot Ion:165 Resp: 22306
Ion Ratio Lower Upper
165 100
63 2.6 34.3 51.5#
89 1.7 37.1 55.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097886.D
Acq: 19 Aug 2017 18:39

Tgt Ion:188 Resp: 469565
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.3 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.36 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.11 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

Instrument :

BNA_F

ClientSampleId :

RO-152-ETGI

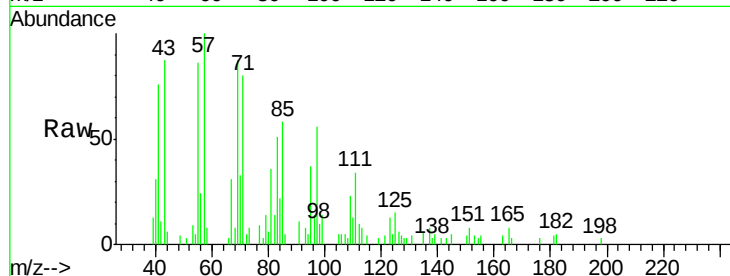
Tot Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 98.7 53.2 93.2#

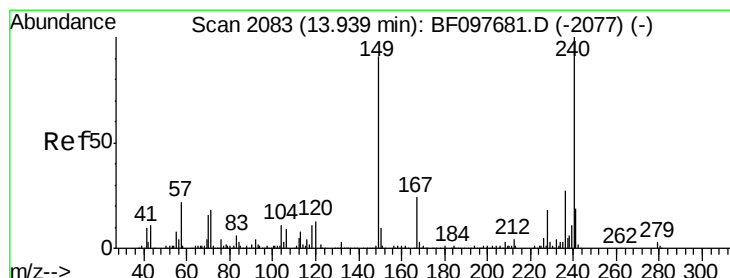
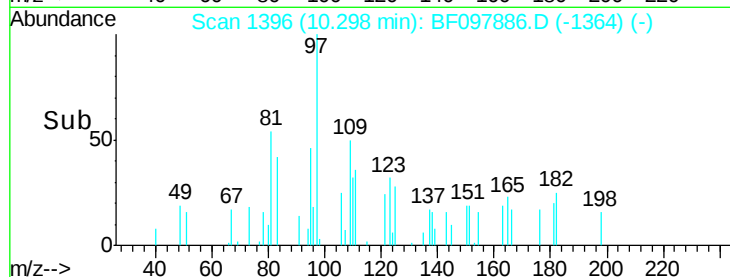
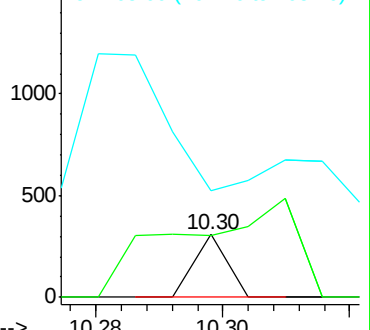
105 168.4 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

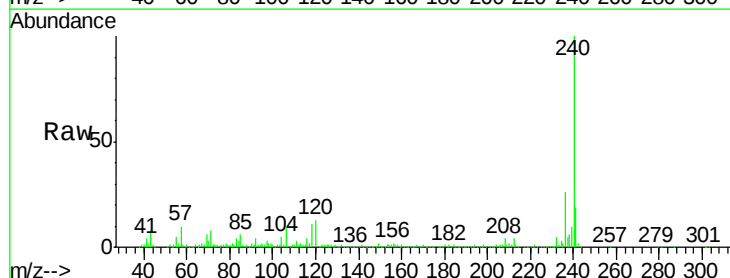
Tgt Ion:240 Resp: 292179

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

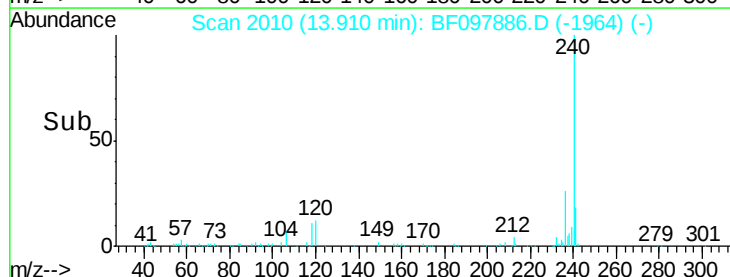
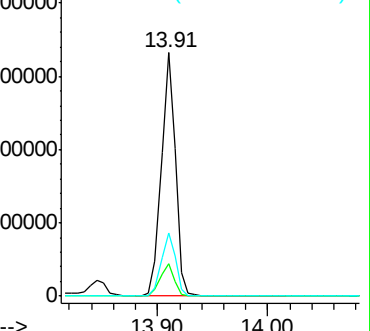
236 25.8 20.5 30.7

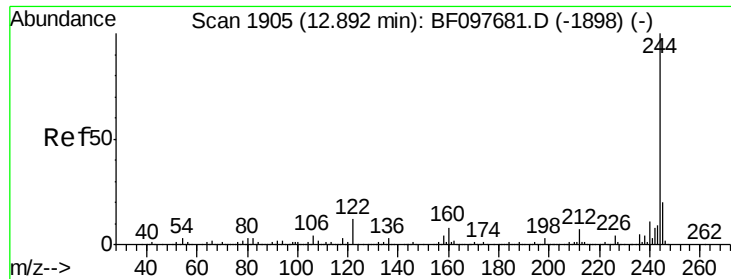


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

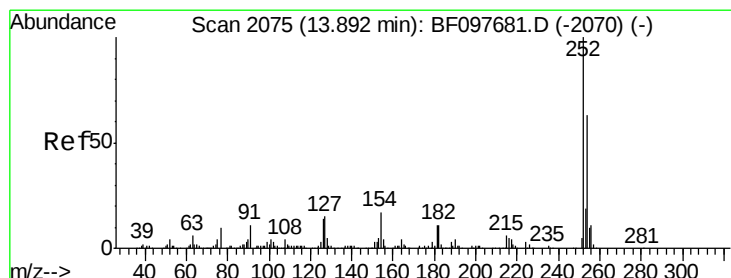
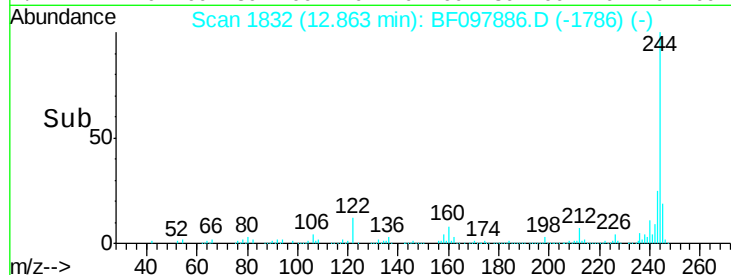
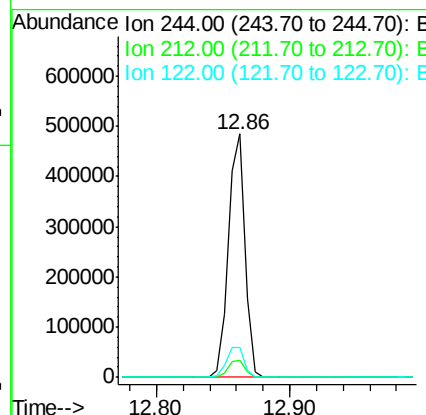
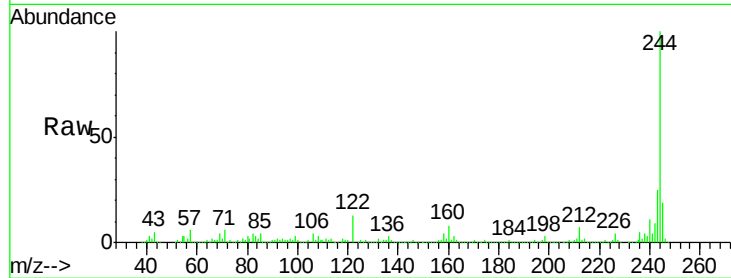




#78
 Terphenyl-d14
 Concen: 30.42 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.03 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

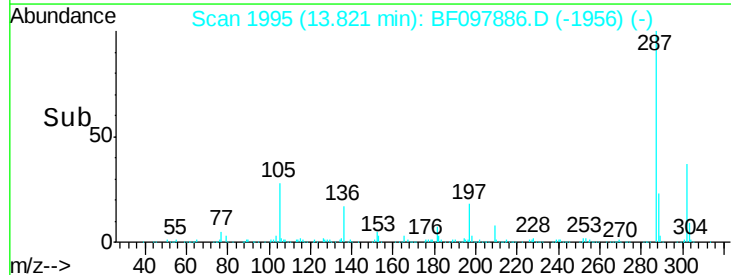
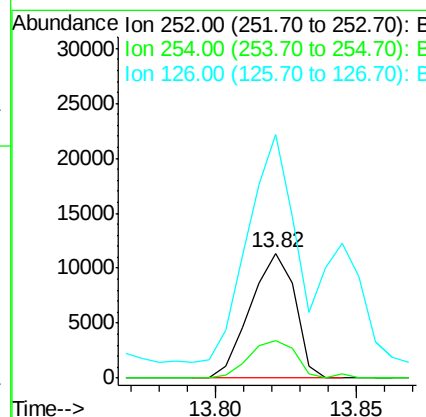
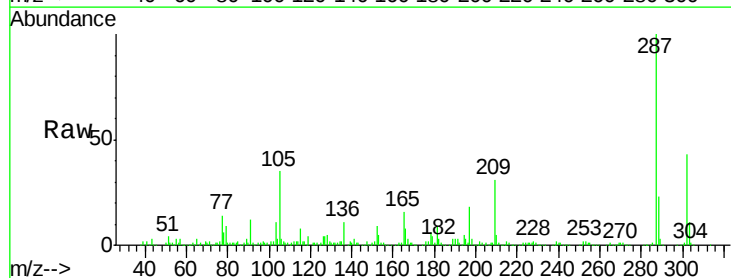
Instrument :
 BNA_F
 ClientSampleId :
 RO-152-ETGI

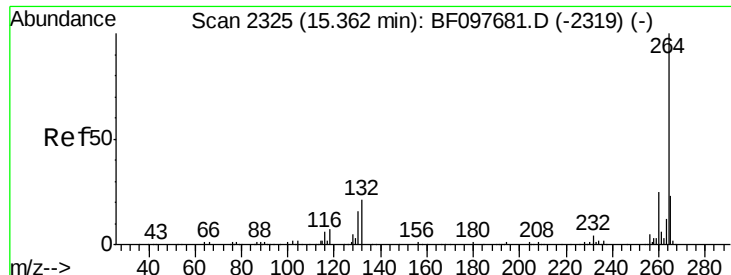
Tot Ion:244 Resp: 426261
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.5 10.3 15.5



#81
 3,3'-Dichlorobenzidine
 Concen: 2.12 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.07 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Tgt Ion:252 Resp: 12512
 Ion Ratio Lower Upper
 252 100
 254 29.8 51.5 77.3#
 126 194.5 15.8 23.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 RO-152-ETGI

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.5	17.2	25.8

