

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 04:46:05 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

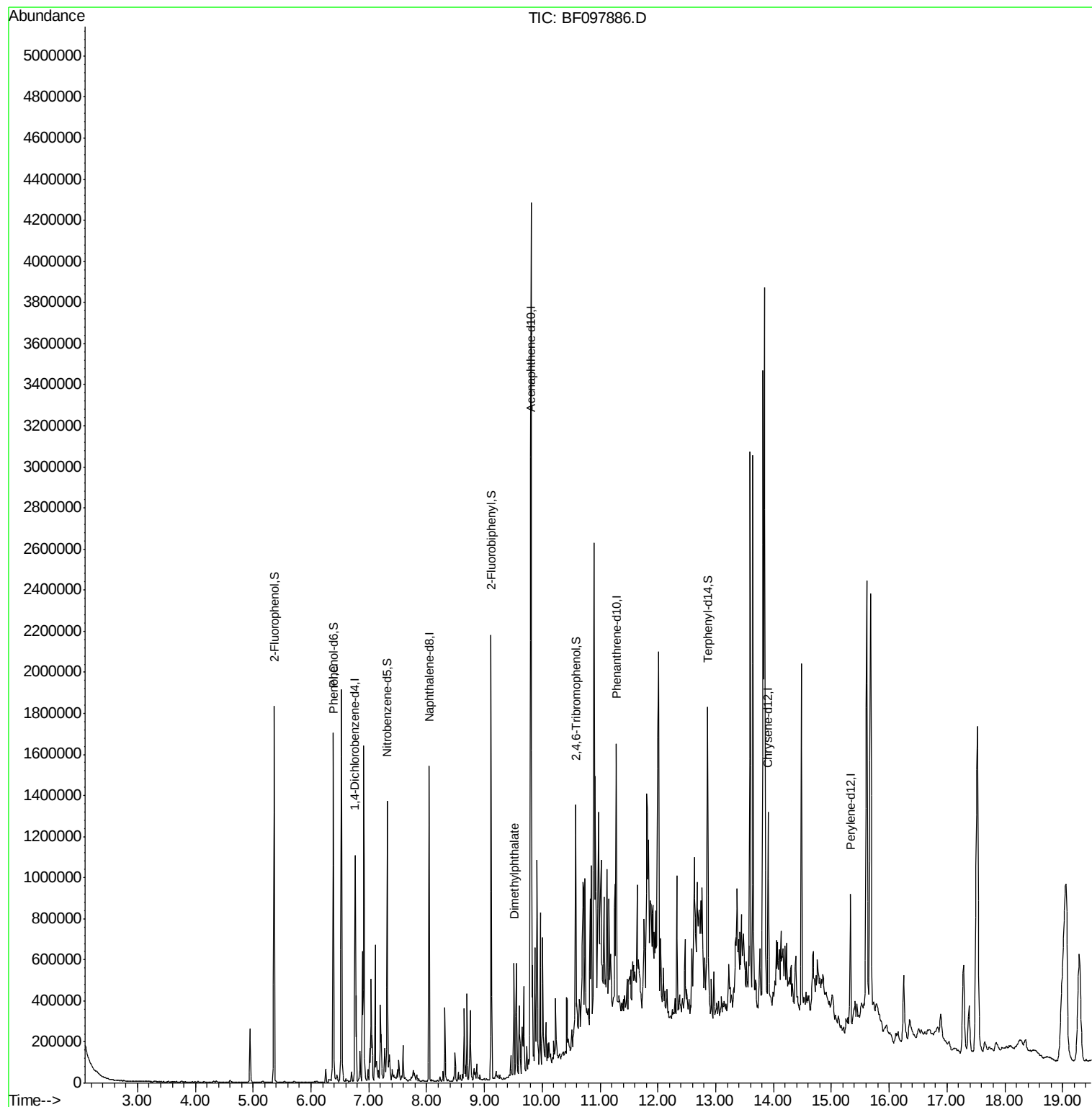
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157655	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	639696	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	251259	20.00	ng	-0.03
63) Phenanthrene-d10	11.28	188	469565	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	292179	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						
10) Phenol	6.40	94	35941	2.182	ng	98
49) Dimethylphthalate	9.51	163	121661	6.624	ng	100

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

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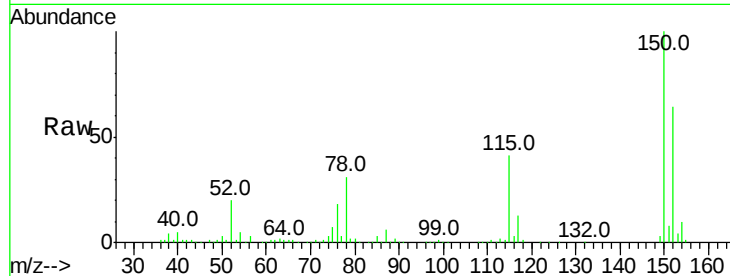


#1

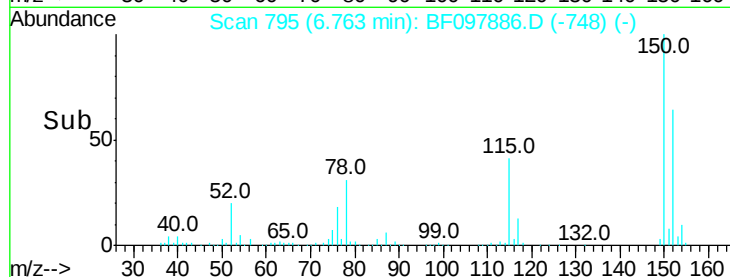
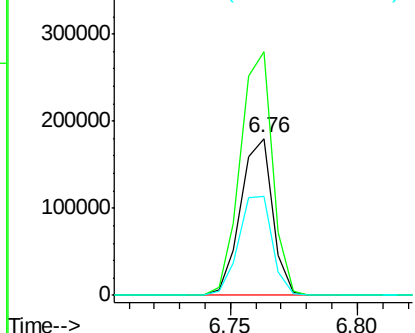
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 RO-152-ETGI

Tot Ion:152 Resp: 157655
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 63.4 52.2 78.2



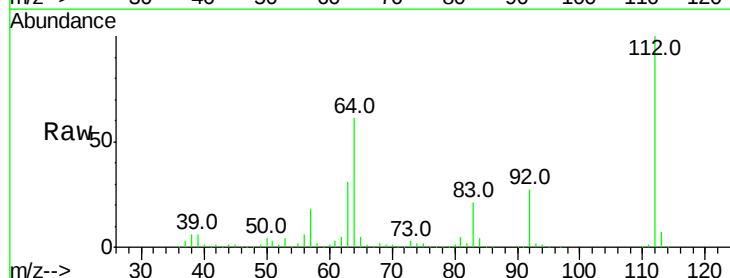
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



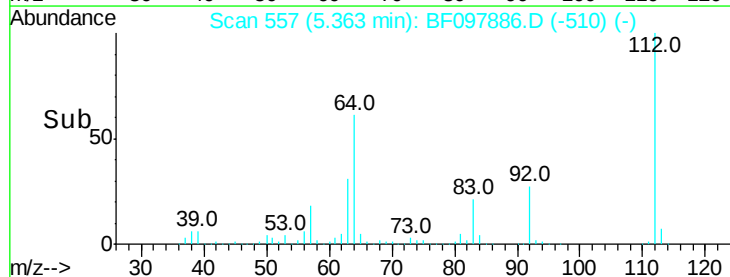
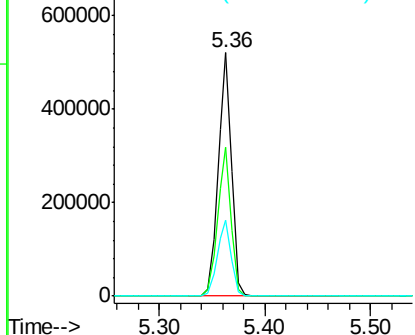
#5

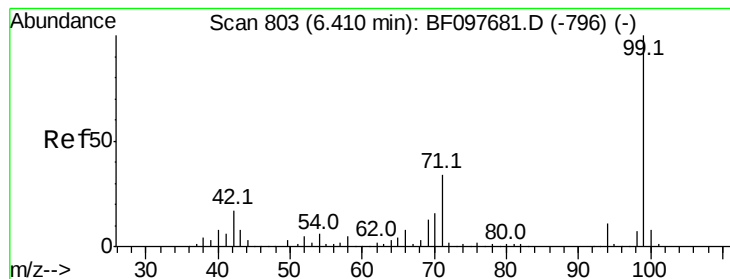
2-Fluorophenol
 Concen: 45.077 ng
 RT: 5.36 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

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: 45.736 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

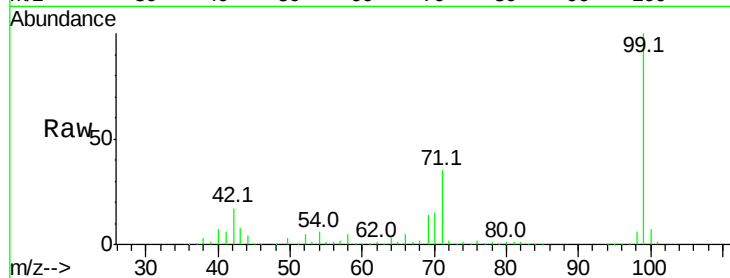
Tot Ion: 99 Resp: 644087

Ion Ratio Lower Upper

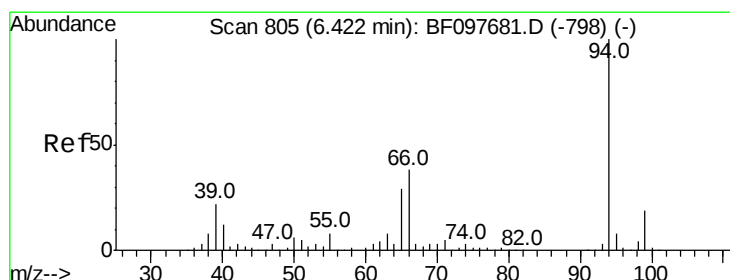
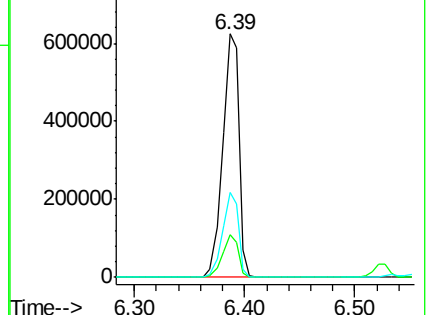
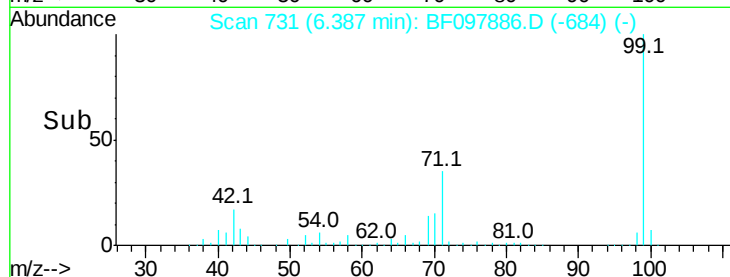
99 100

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: 2.182 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

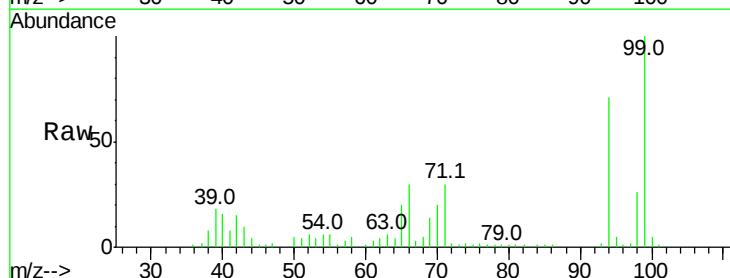
Tgt Ion: 94 Resp: 35941

Ion Ratio Lower Upper

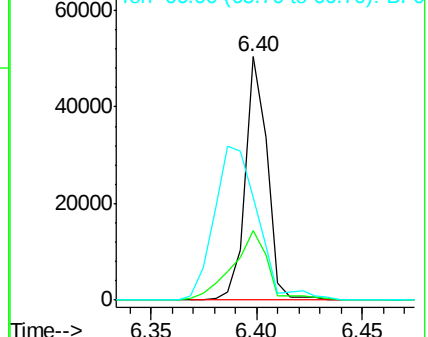
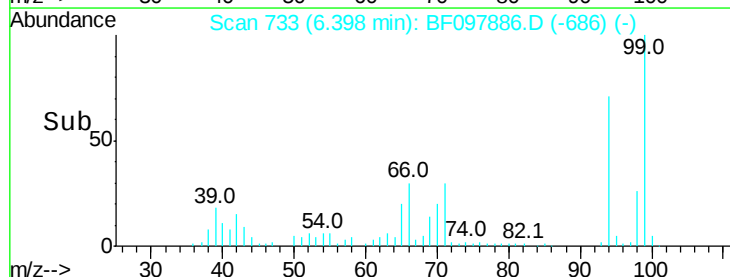
94 100

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

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:136 Resp: 639696

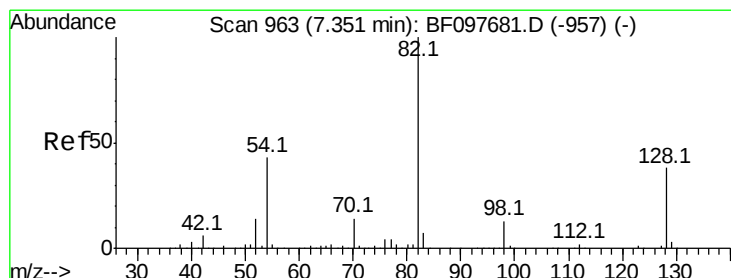
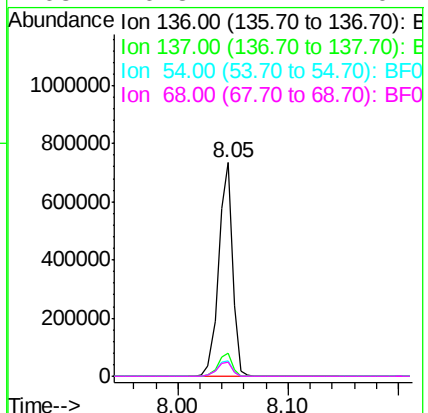
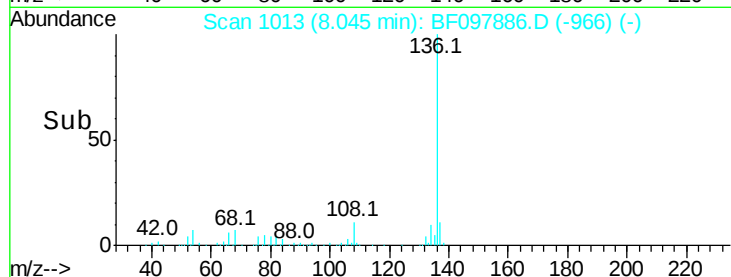
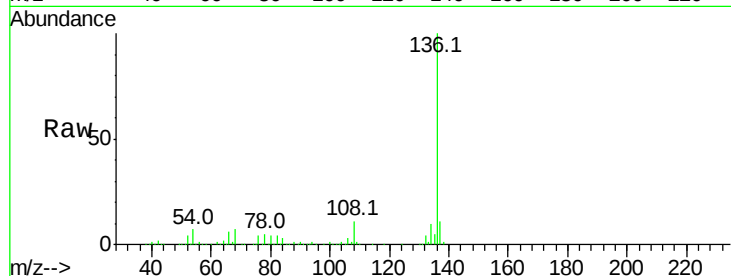
Ion Ratio Lower Upper

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: 35.973 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.03 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

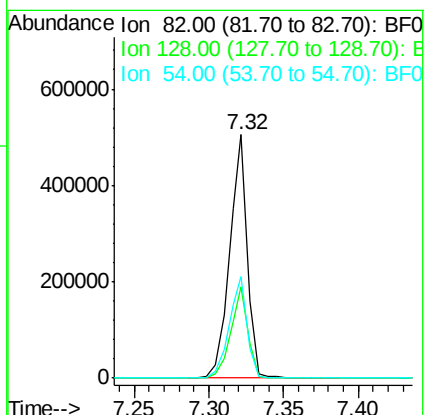
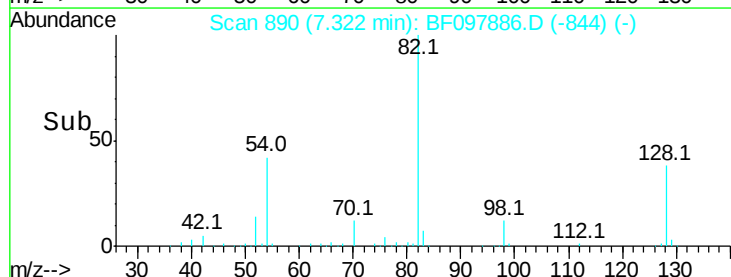
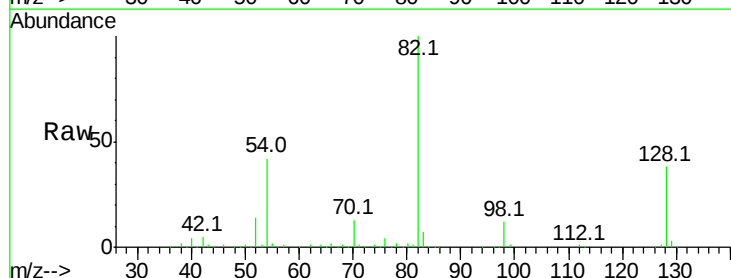
Tgt Ion: 82 Resp: 423593

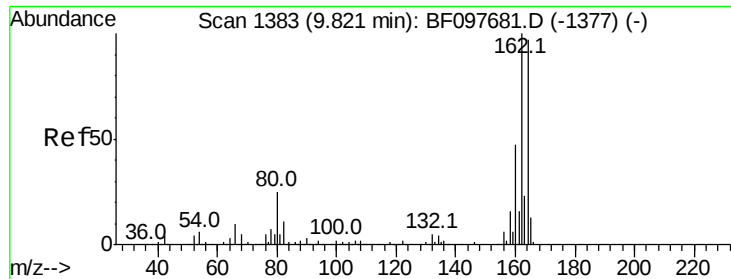
Ion Ratio Lower Upper

82 100

128 37.7 34.0 51.0

54 41.8 42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.000 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

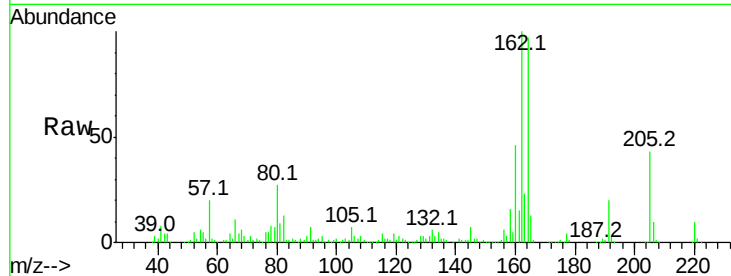
Tot Ion:164 Resp: 251259

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

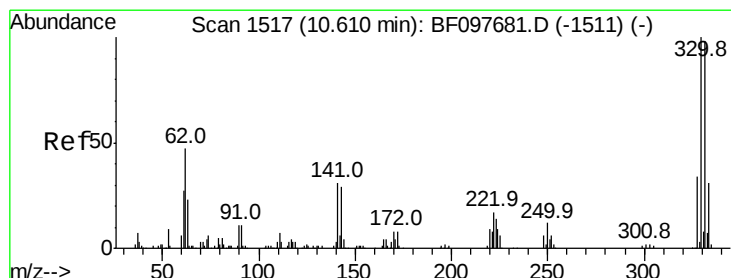
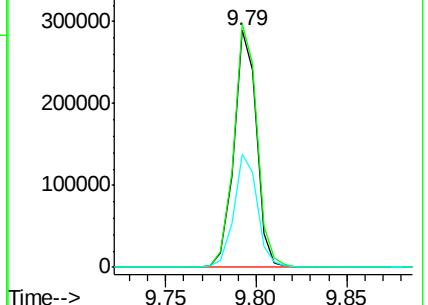
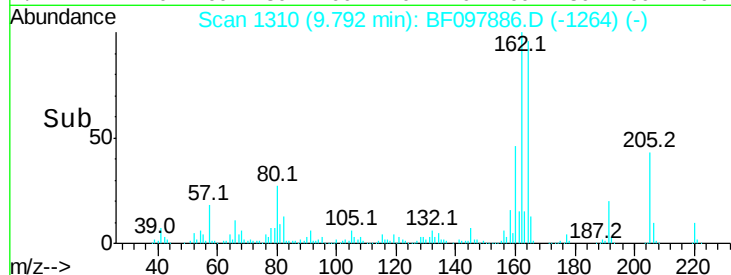
160 47.6 36.2 54.2



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: 51.190 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.03 min

Lab File: BF097886.D

Acq: 19 Aug 2017 18:39

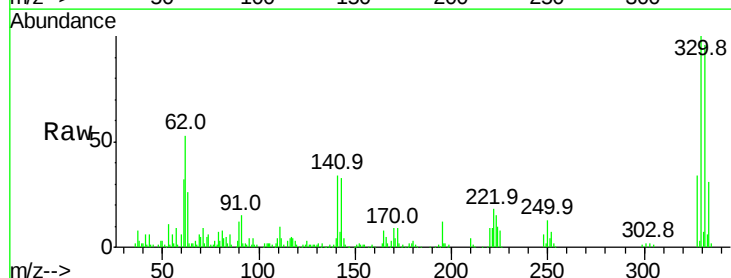
Tgt Ion:330 Resp: 111598

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

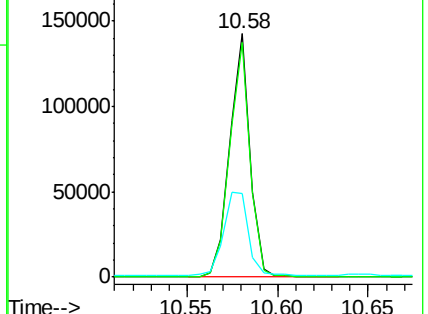
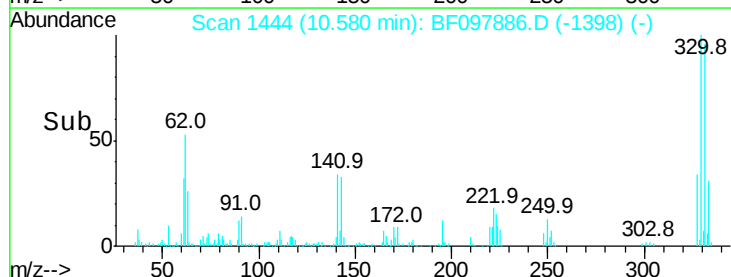
141 42.0 31.4 47.2



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

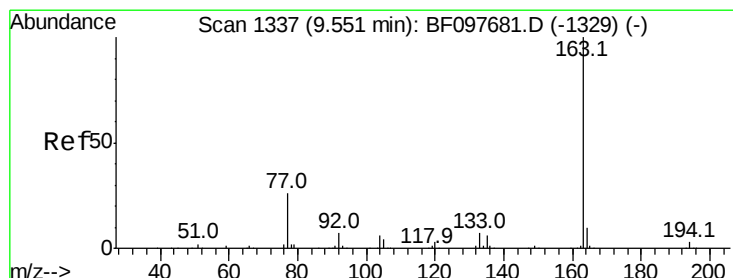
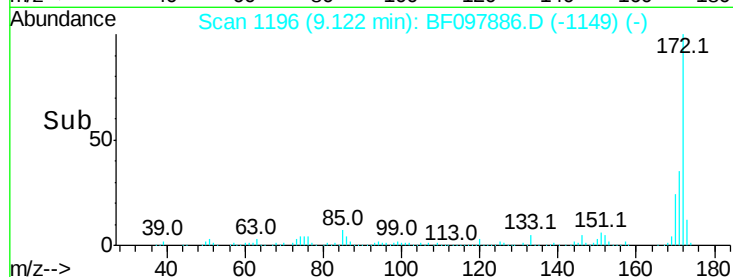
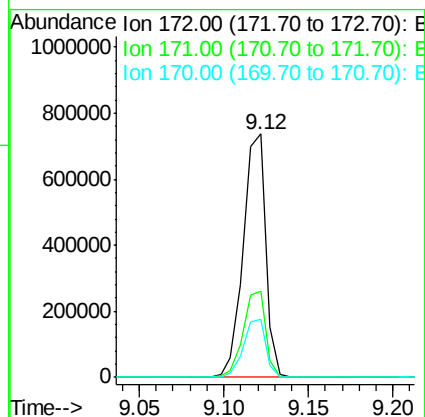
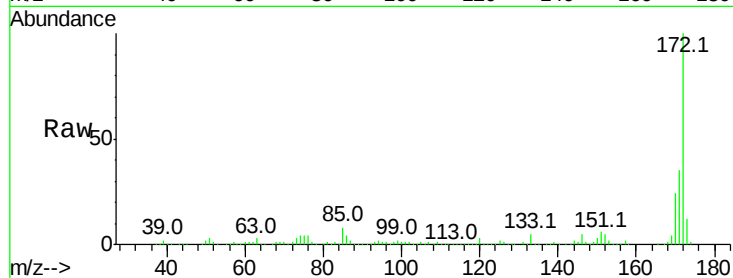




#44
2-Fluorobiphenyl
Concen: 40.270 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF097886.D
Acq: 19 Aug 2017 18:39

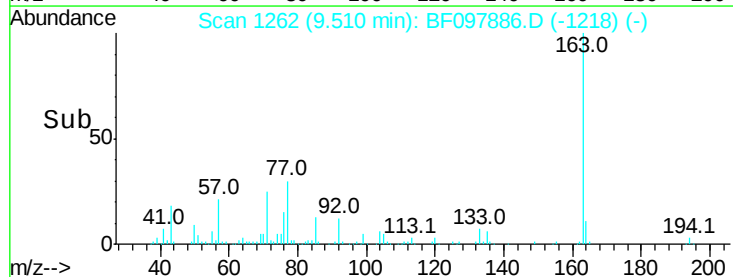
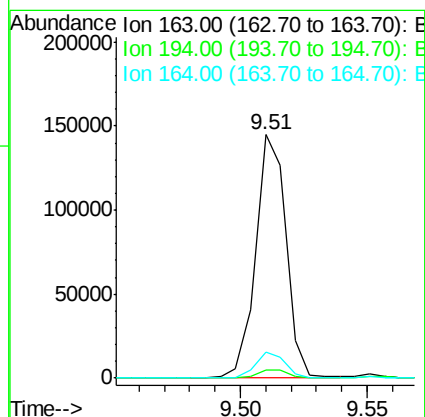
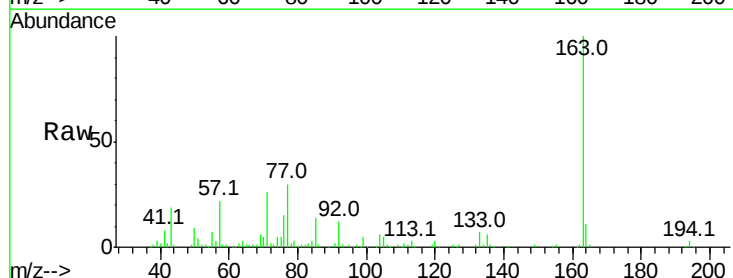
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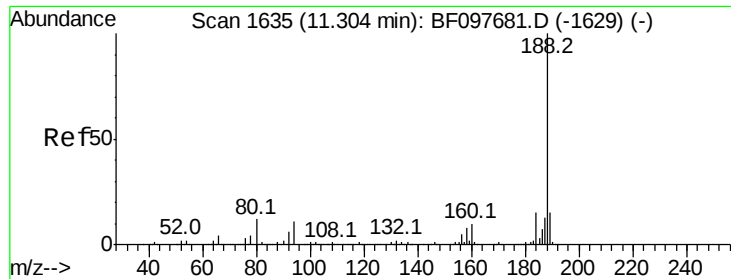
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.0	19.8	29.8



#49
Dimethylphthalate
Concen: 6.624 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

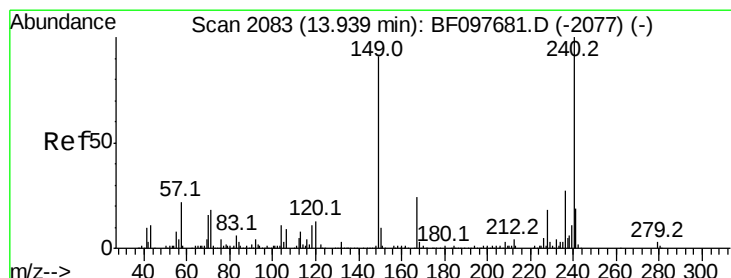
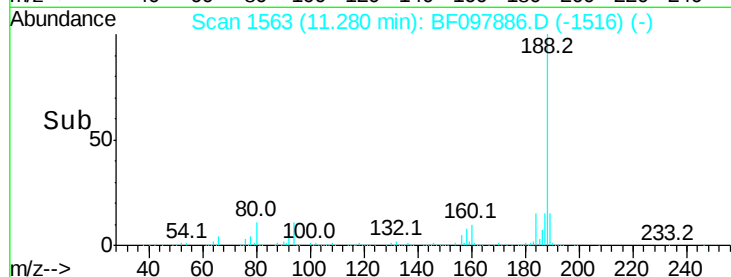
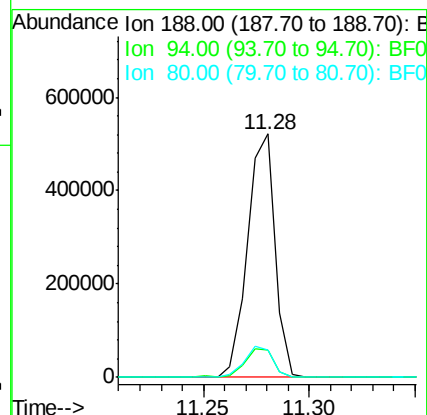
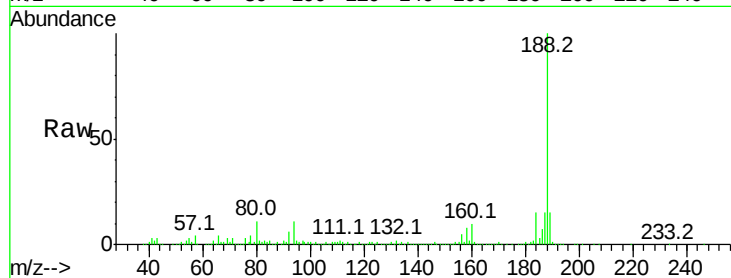




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097886.D
Acq: 19 Aug 2017 18:39

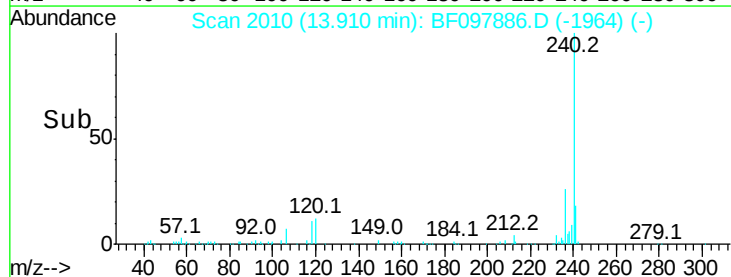
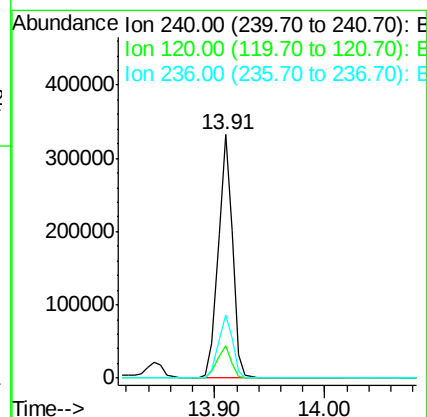
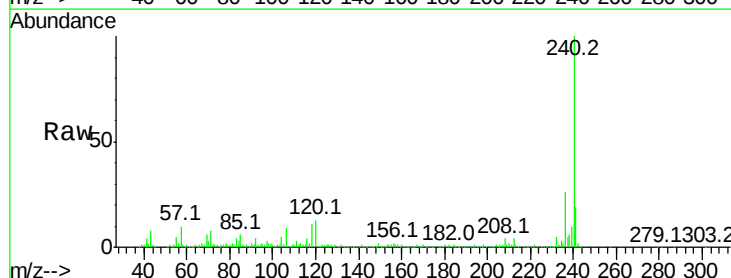
Instrument :
BNA_F
ClientSampleId :
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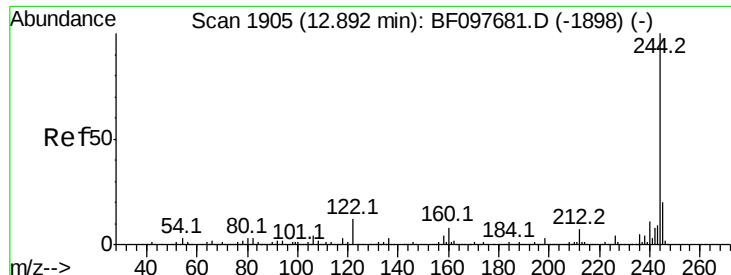
Tot Ion:188 Resp: 469565
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 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

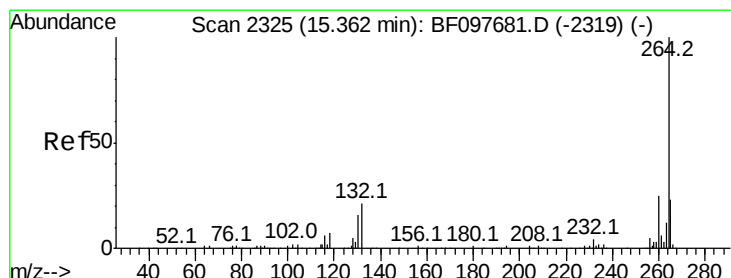
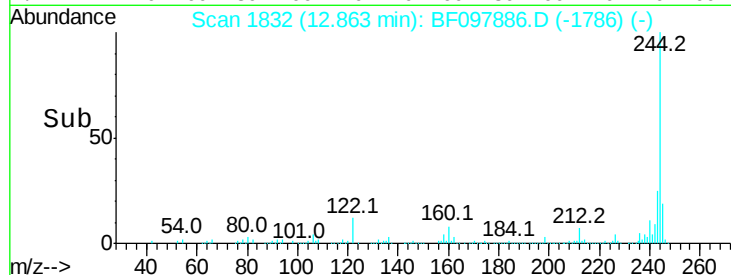
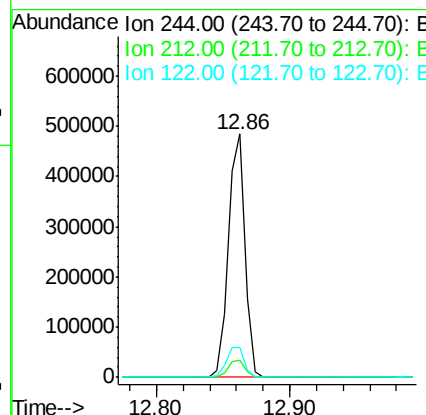
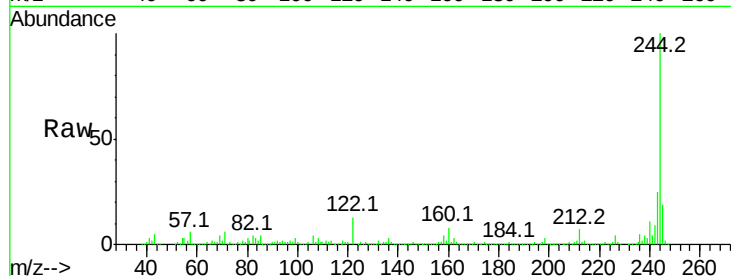




#78
 Terphenyl-d14
 Concen: 30.423 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.03 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Instrument :
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 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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BF097886.D
 Acq: 19 Aug 2017 18:39

Tgt Ion:264 Resp: 287172
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.5 17.2 25.8

