

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072417\
 Data File : BM010961.D
 Acq On : 24 Jul 2017 13:17
 Operator : SJ/JU
 Sample : I4363-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4RE

Quant Time: Jul 24 17:39:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	250206	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	847964	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	136370	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	596296	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	30111m	20.00	ng	-0.02
86) Perylene-d12	23.17	264	575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1822424	120.65	ng	-0.02
7) Phenol-d6	6.62	99	865356	41.56	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2239893	101.53	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1130469	542.45	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4179173	381.24	ng	-0.02
78) Terphenyl-d14	19.49	244	1997978	1283.35	ng	-0.02

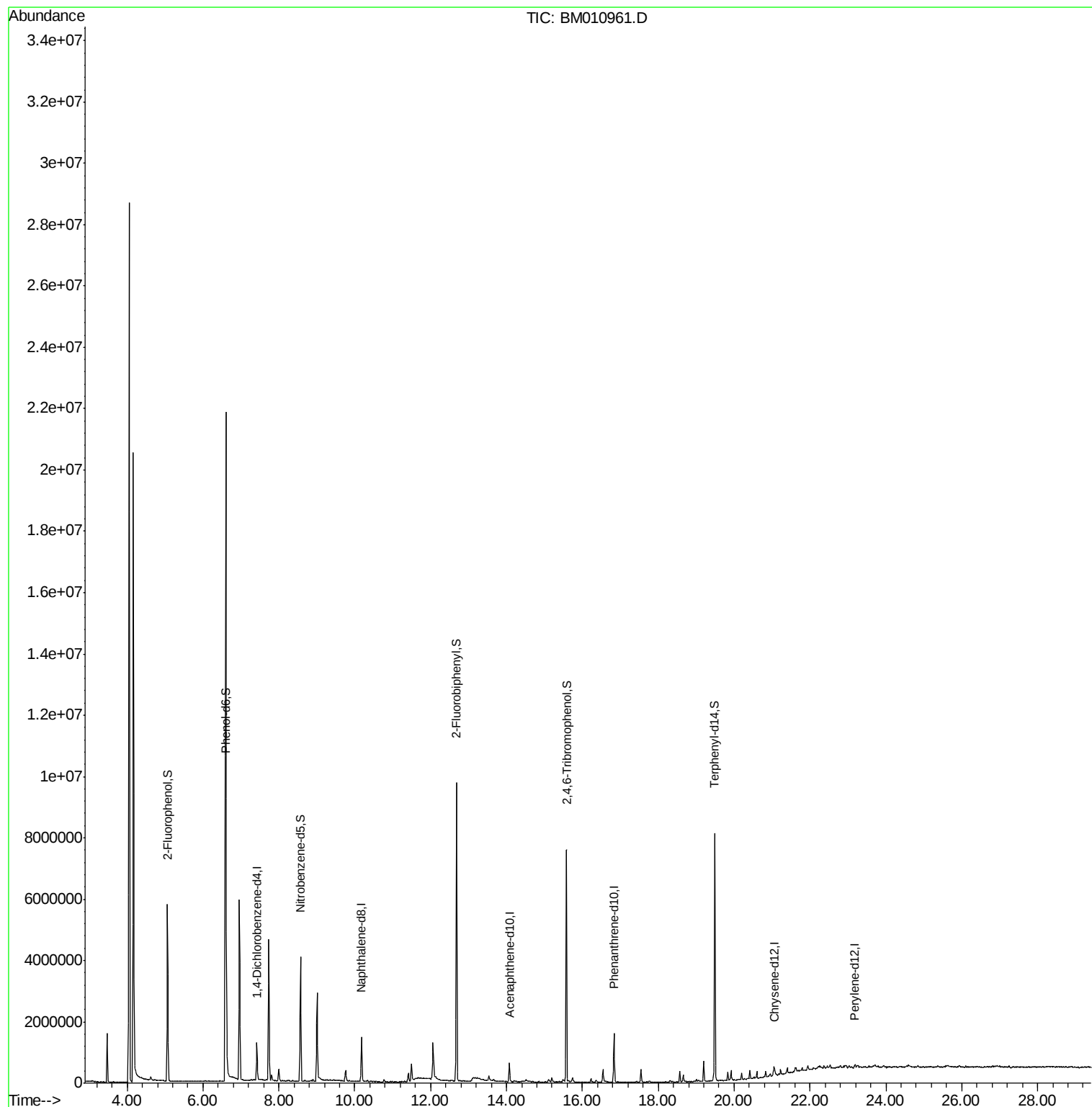
Target Compounds Qvalue

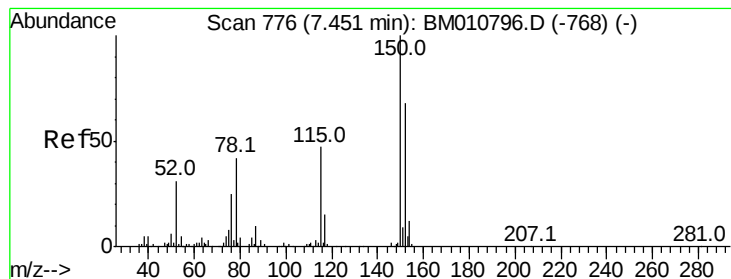
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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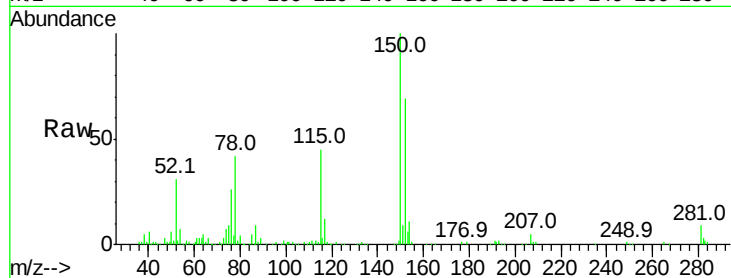


#1

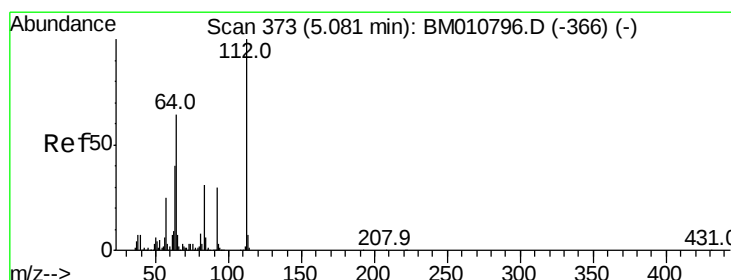
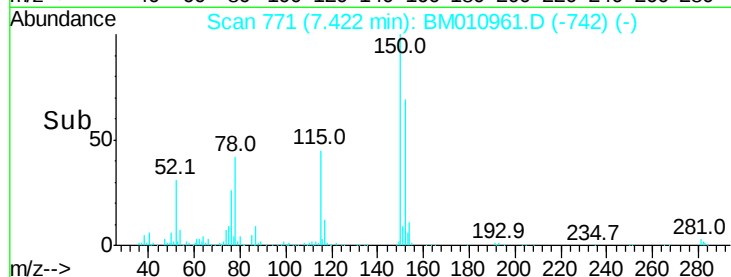
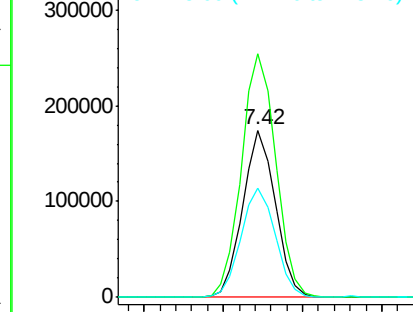
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :
B-COMB-4RE

Tot Ion:152 Resp: 250206
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 65.5 43.0 64.4#



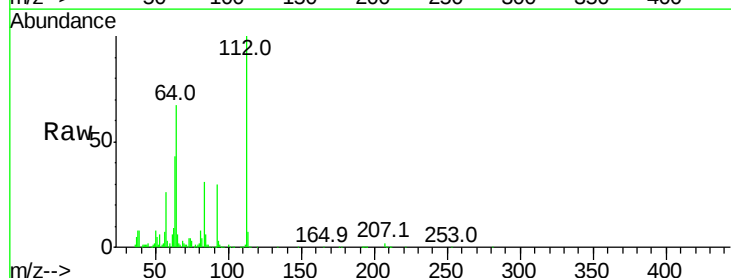
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



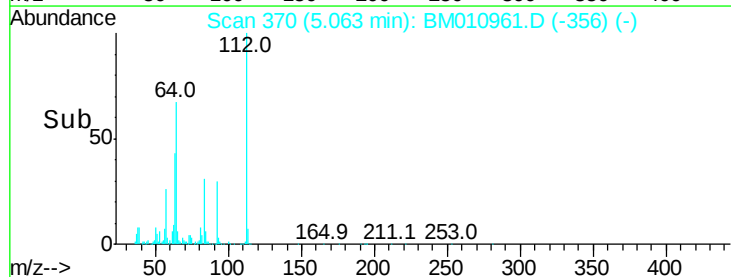
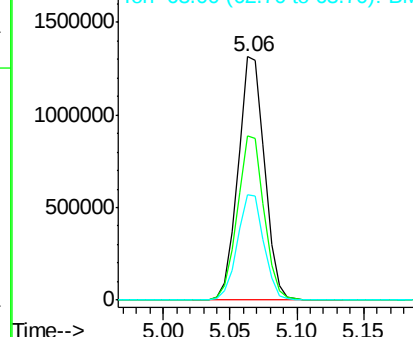
#5

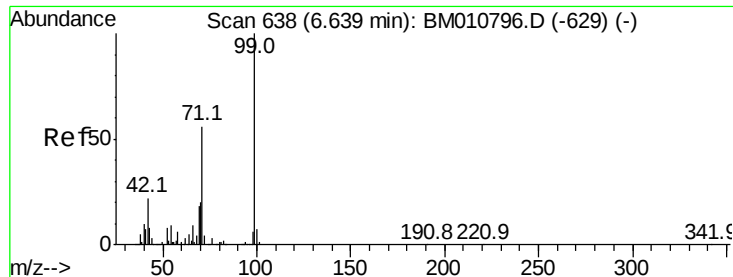
2-Fluorophenol
Concen: 120.654 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:112 Resp: 1822424
Ion Ratio Lower Upper
112 100
64 67.3 38.6 57.8#
63 43.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 41.558 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM010961.D

Acq: 24 Jul 2017 13:17

Instrument :

BNA_M

ClientSampleId :

B-COMB-4RE

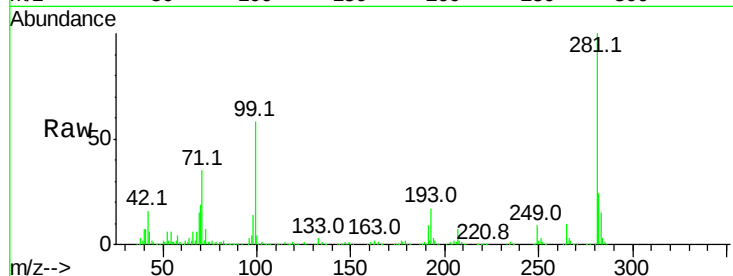
Tot Ion: 99 Resp: 865356

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

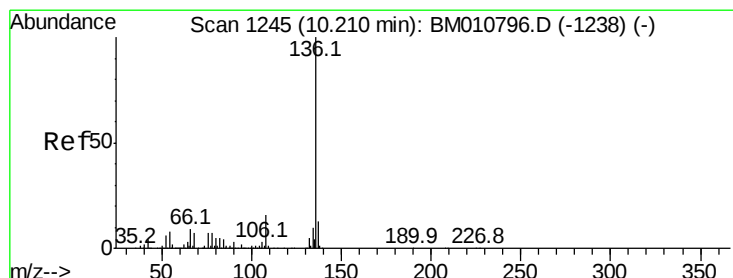
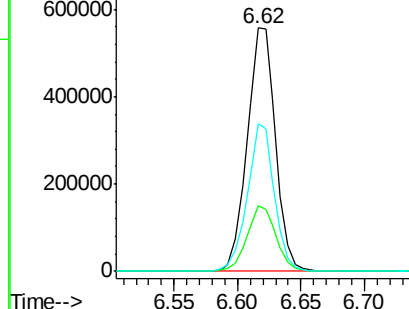
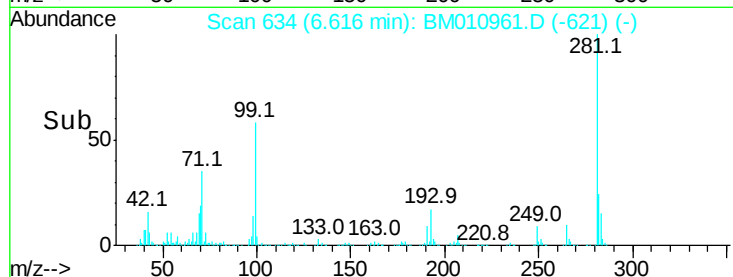
71 60.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010961.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010961.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010961.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010961.D

Acq: 24 Jul 2017 13:17

Tgt Ion: 136 Resp: 847964

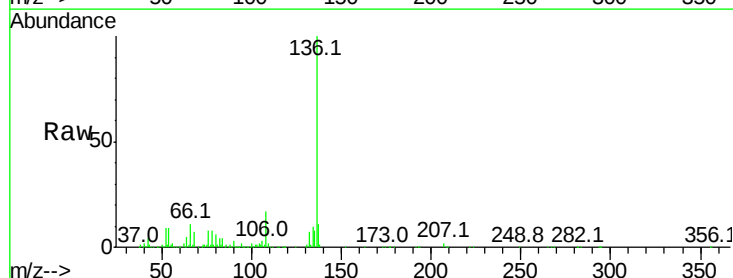
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.3 4.6 6.8#

68 7.2 3.7 5.5#

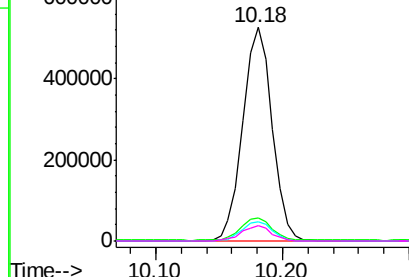
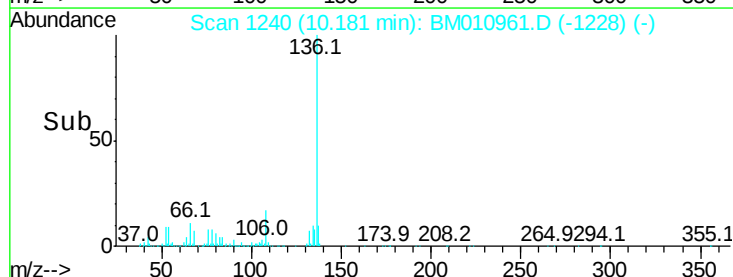


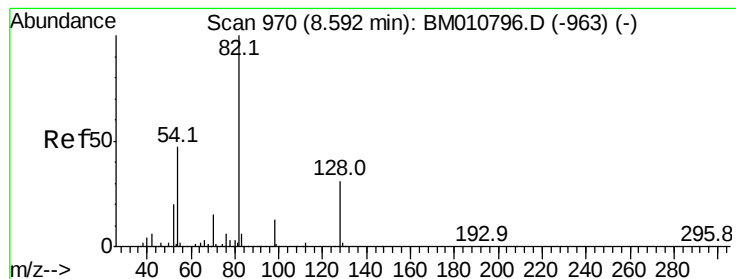
Abundance Ion 136.00 (135.70 to 136.70): BM010961.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010961.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010961.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010961.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 101.533 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010961.D

Acq: 24 Jul 2017 13:17

Instrument :

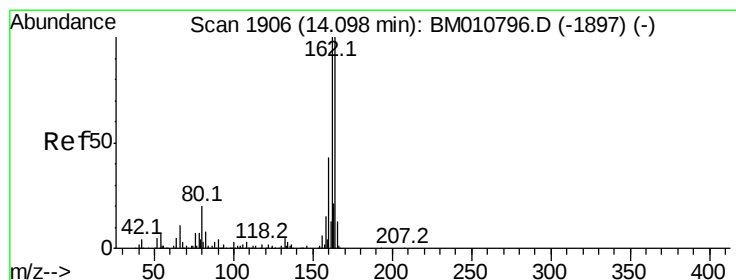
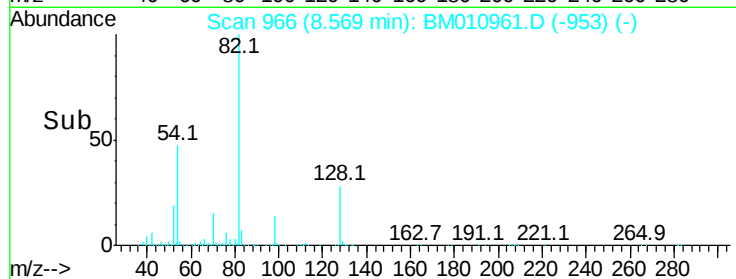
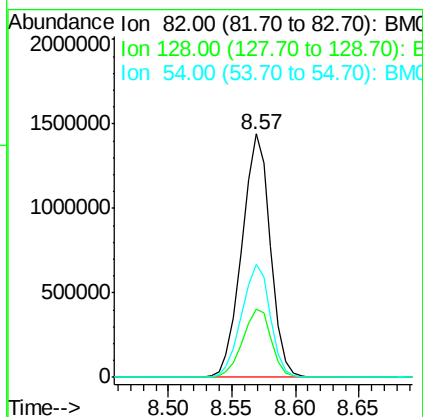
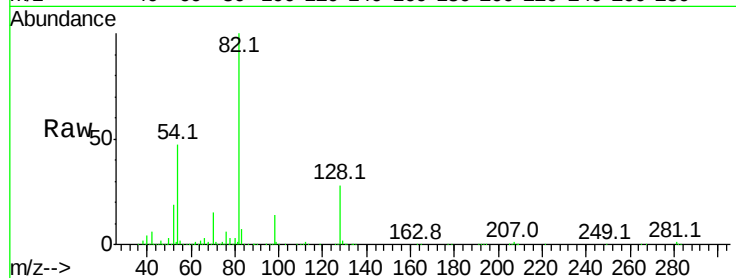
BNA_M

ClientSampleId :

B-COMB-4RE

Tot Ion: 82 Resp: 2239893

Ion	Ratio	Lower	Upper
82	100		
128	27.8	32.8	49.2#
54	46.6	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

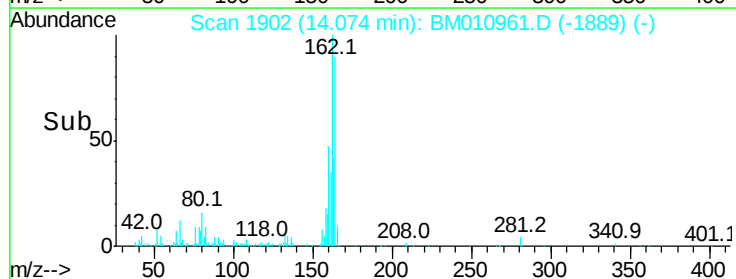
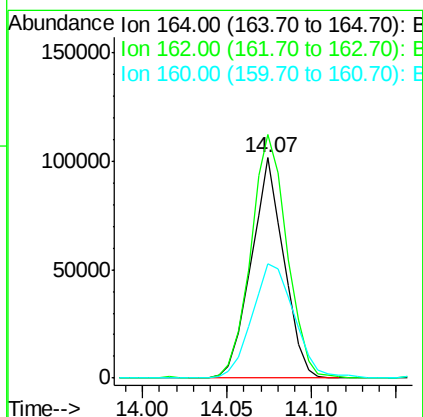
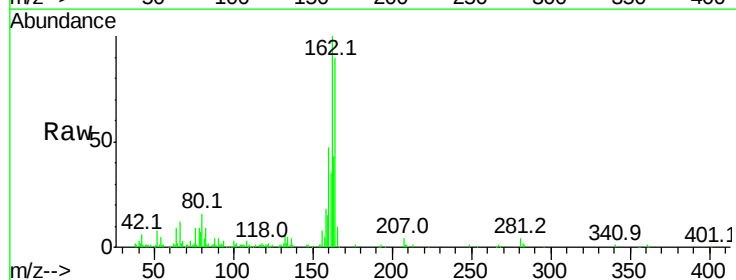
Delta R.T. -0.02 min

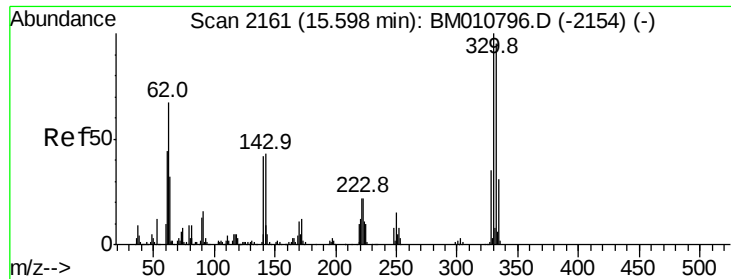
Lab File: BM010961.D

Acq: 24 Jul 2017 13:17

Tgt Ion: 164 Resp: 136370

Ion	Ratio	Lower	Upper
164	100		
162	110.5	82.4	123.6
160	51.7	35.8	53.6

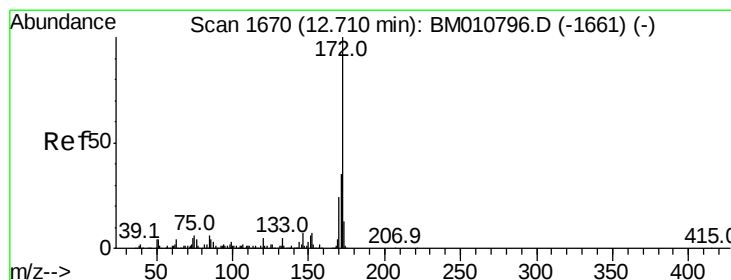
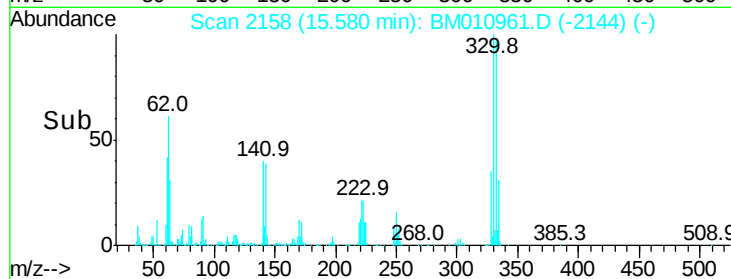
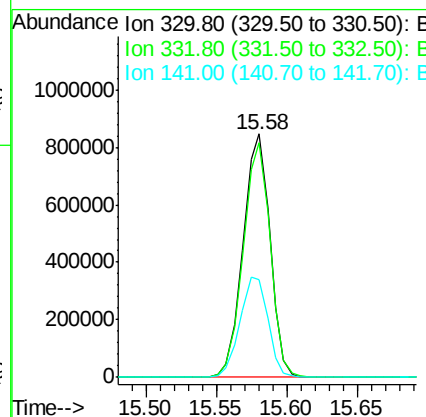
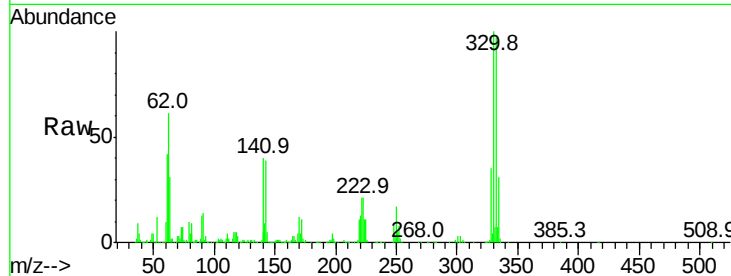




#41
 2,4,6-Tribromophenol
 Concen: 542.454 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010961.D
 Acq: 24 Jul 2017 13:17

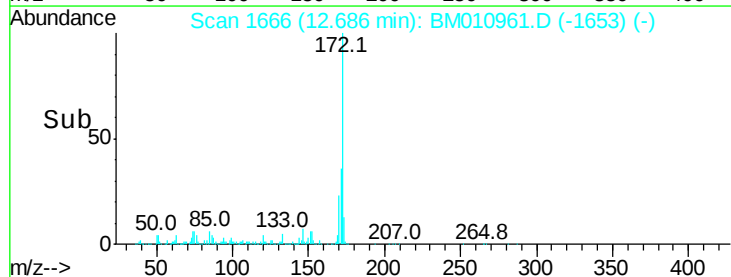
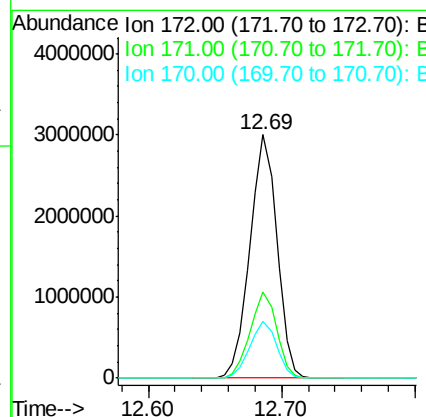
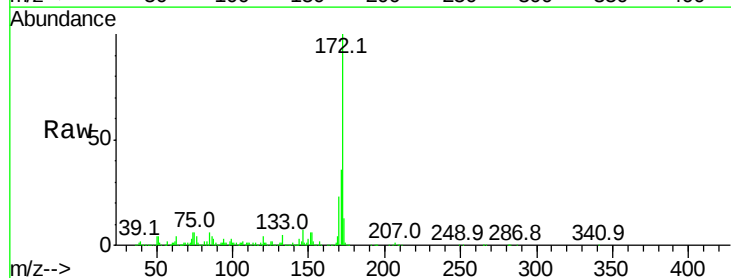
Instrument :
 BNA_M
 ClientSampled :
 B-COMB-4RE

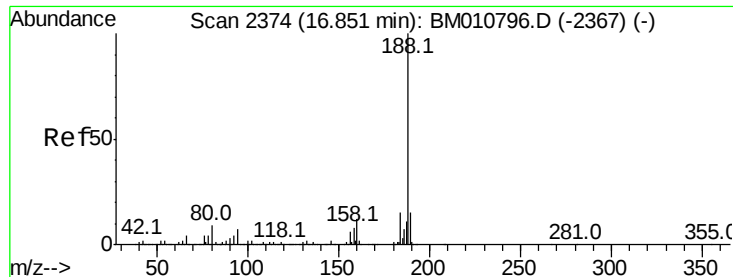
Tot Ion:330 Resp: 1130469
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 42.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 381.242 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010961.D
 Acq: 24 Jul 2017 13:17

Tgt Ion:172 Resp: 4179173
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.3 18.8 28.2

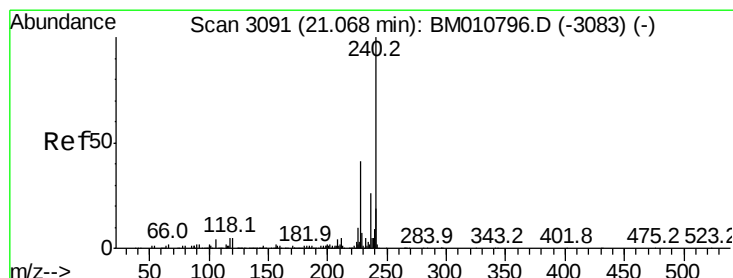
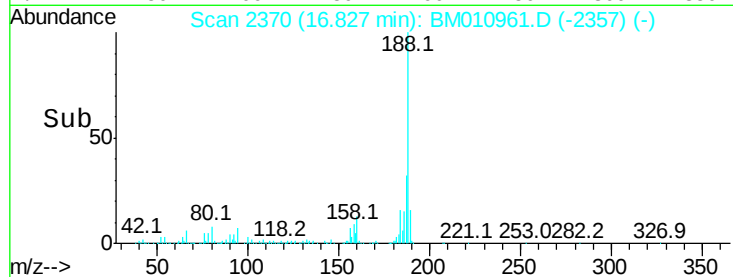
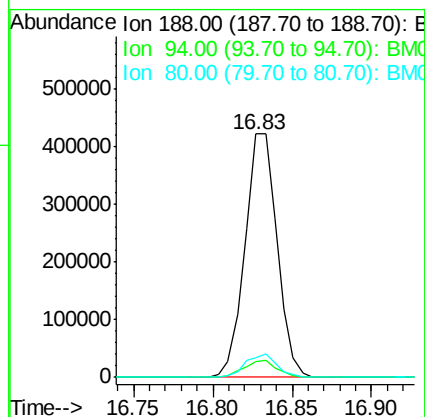
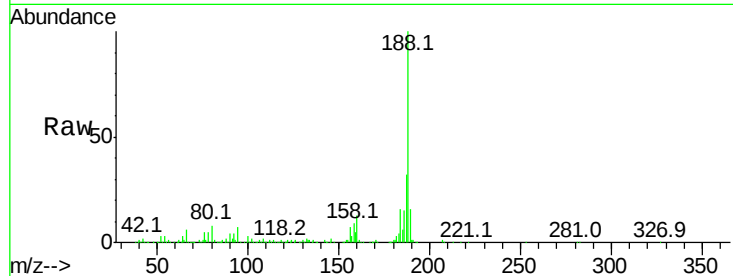




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

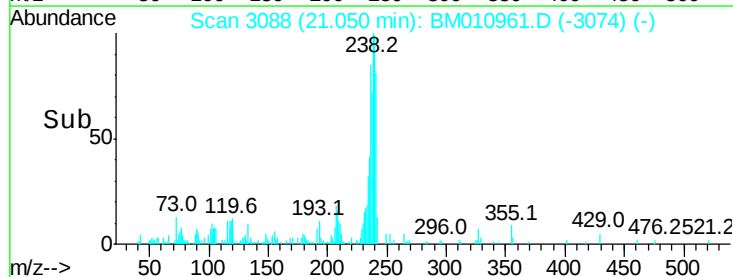
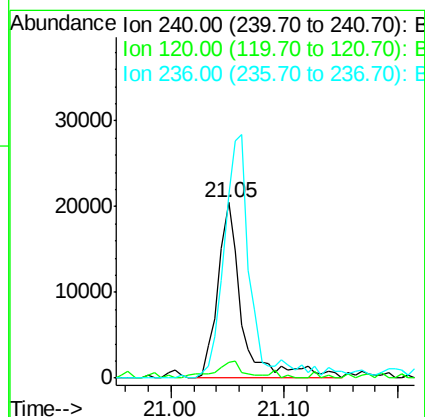
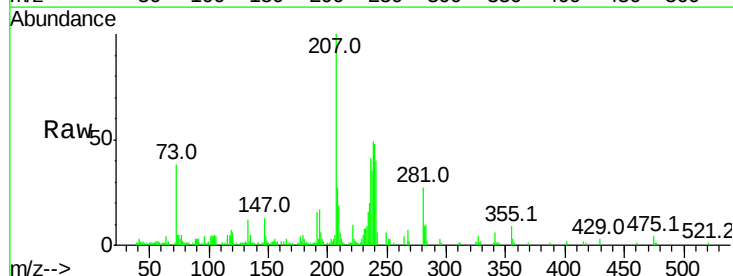
Instrument :
BNA_M
ClientSampleId :
B-COMB-4RE

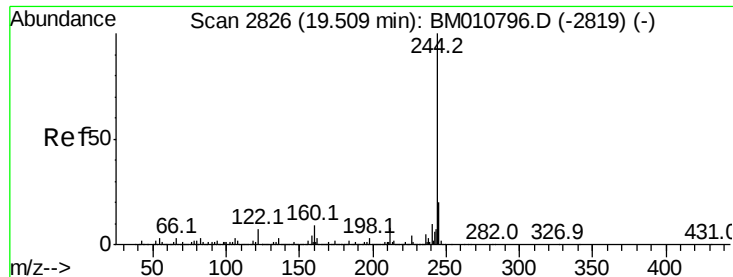
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng m
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	104.6	20.0	30.0#

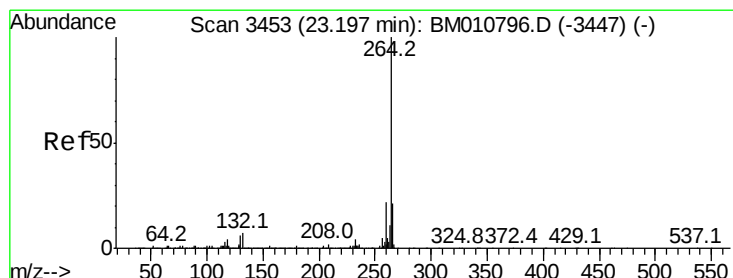
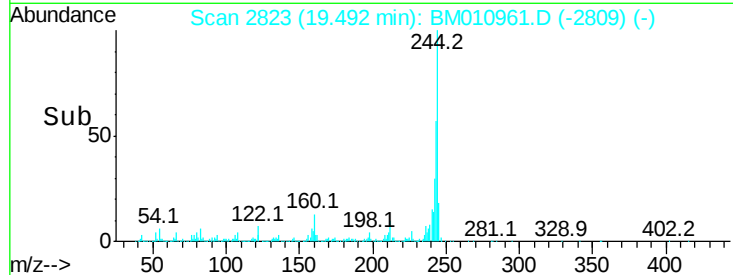
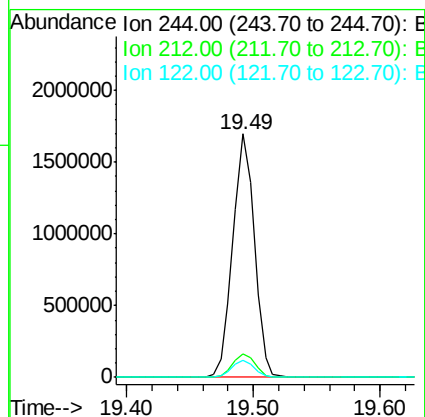
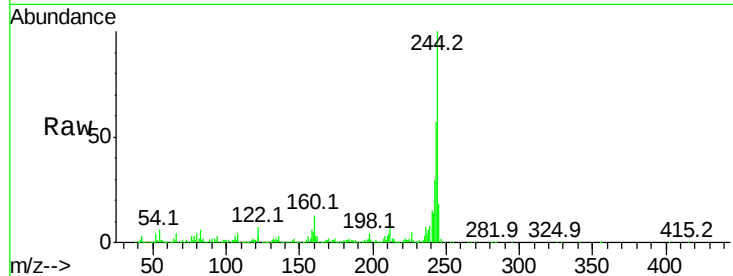




#78
 Terphenyl-d14
 Concen: 1283.350 ng
 RT: 19.49 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM010961.D
 Acq: 24 Jul 2017 13:17

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4RE

Tot Ion:244 Resp: 1997978
 Ion Ratio Lower Upper
 244 100
 212 9.7 4.9 7.3#
 122 7.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.17 min Scan# 3449
 Delta R.T. -0.02 min
 Lab File: BM010961.D
 Acq: 24 Jul 2017 13:17

Tgt Ion:264 Resp: 575
 Ion Ratio Lower Upper
 264 100
 260 106.2 18.6 27.8#
 265 1219.0 17.3 25.9#

