

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011087.D
 Acq On : 01 Aug 2017 18:02
 Operator : SJ/JU
 Sample : I4497-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Quant Time: Aug 02 01:58:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	146586	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	542856	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	372246	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	937890	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	968410	20.00	ng	-0.01
86) Perylene-d12	23.13	264	804079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1243122	143.36	ng	0.00
7) Phenol-d6	6.59	99	1517742	123.19	ng	0.00
23) Nitrobenzene-d5	8.53	82	1632528	112.87	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	887158	148.69	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2910111	98.04	ng	-0.01
78) Terphenyl-d14	19.46	244	4858220	99.37	ng	0.00

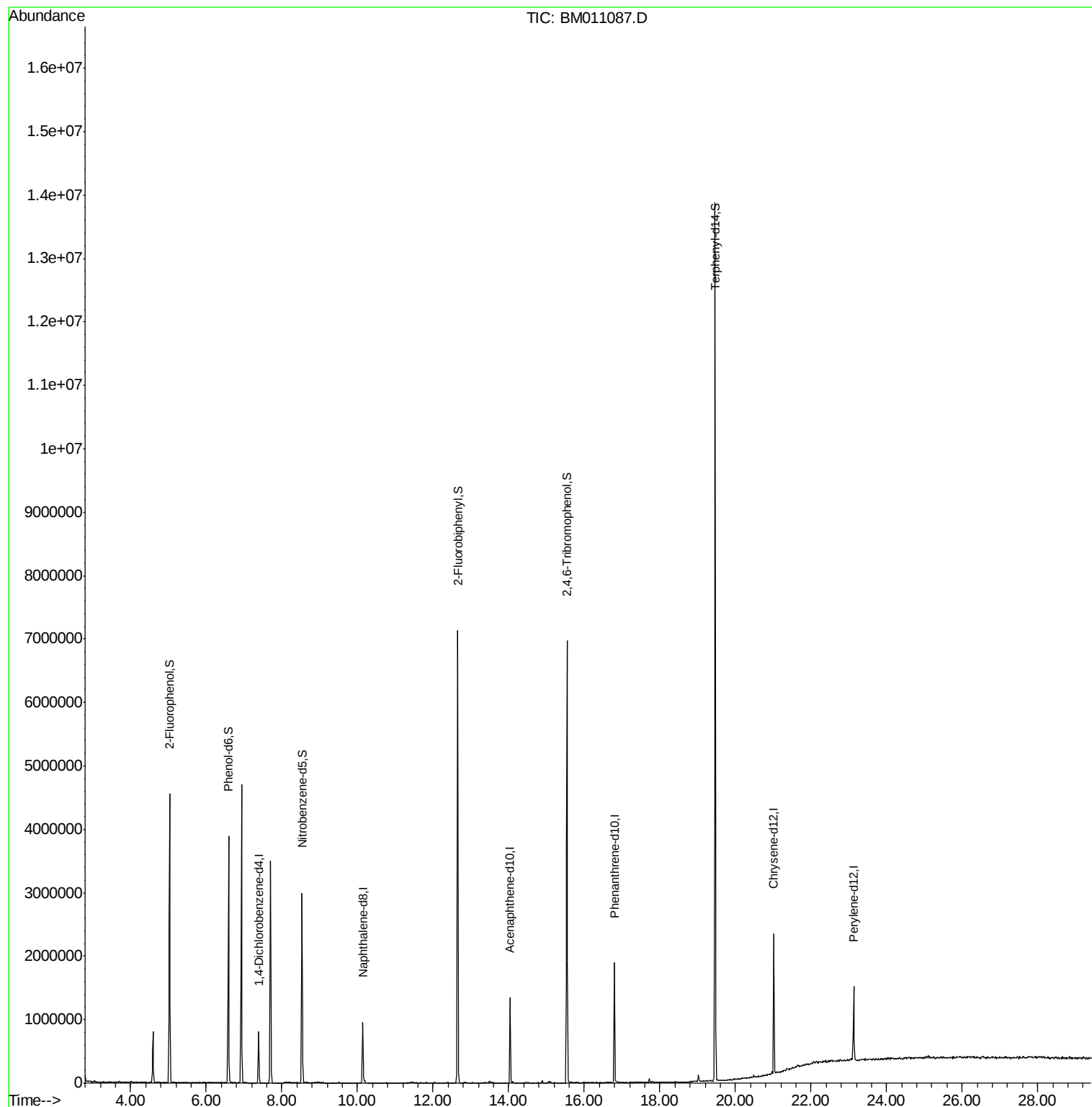
Target Compounds Qvalue

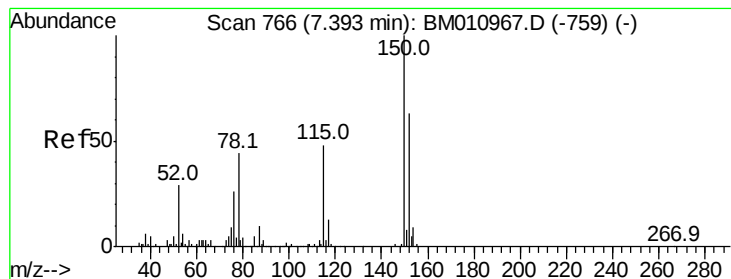
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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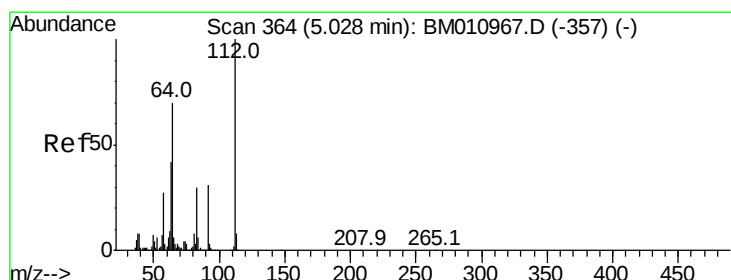
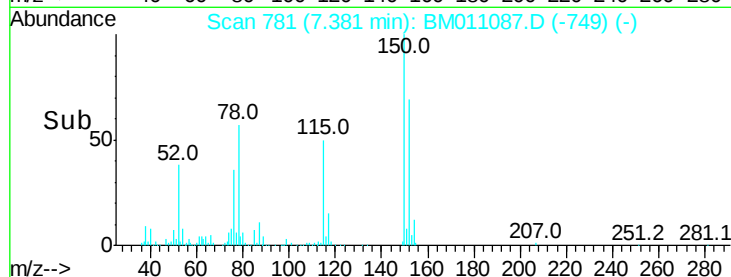
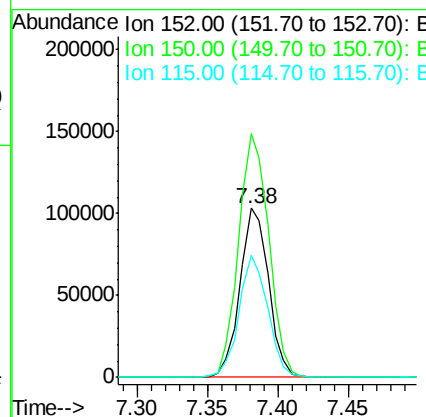
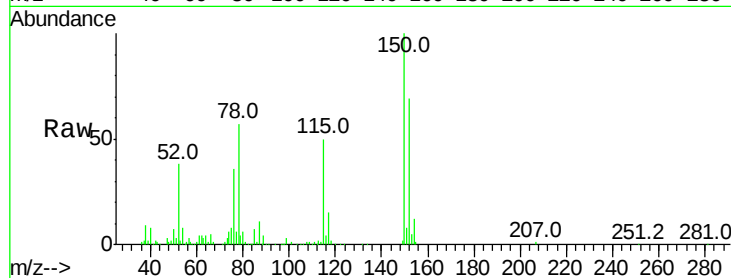


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011087.D
Acq: 01 Aug 2017 18:02

Instrument :
BNA_M
ClientSampleId :
TP-6

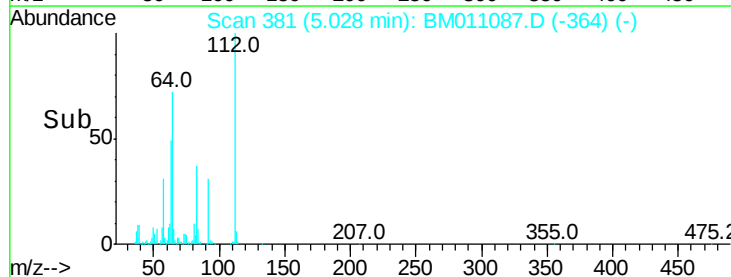
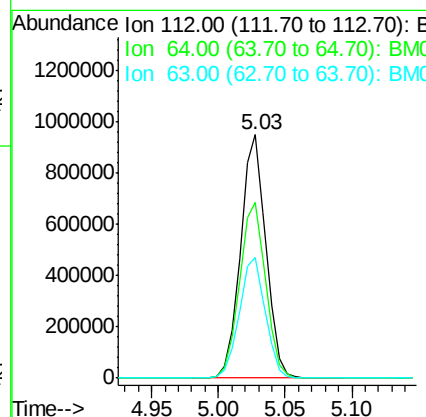
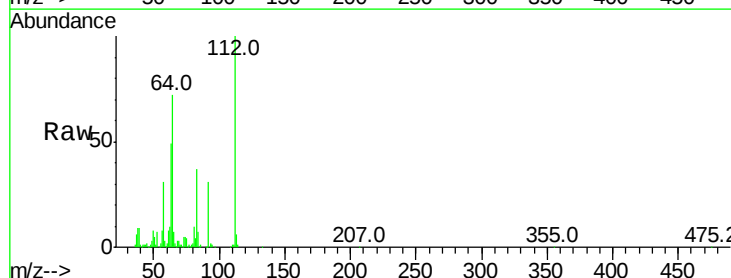
Tot Ion:152 Resp: 146586
Ion Ratio Lower Upper
152 100
150 144.1 119.5 179.3
115 71.9 43.0 64.4#



#5

2-Fluorophenol
Concen: 143.358 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011087.D
Acq: 01 Aug 2017 18:02

Tgt Ion:112 Resp: 1243122
Ion Ratio Lower Upper
112 100
64 72.1 38.6 57.8#
63 49.4 19.3 28.9#





#7

Phenol-d6

Concen: 123.188 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011087.D

Acq: 01 Aug 2017 18:02

Instrument :

BNA_M

ClientSampleId :

TP-6

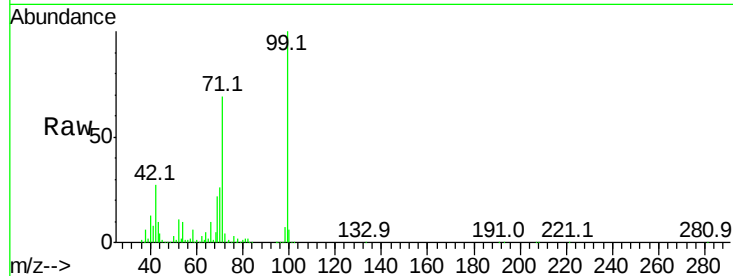
Tot Ion: 99 Resp: 1517742

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

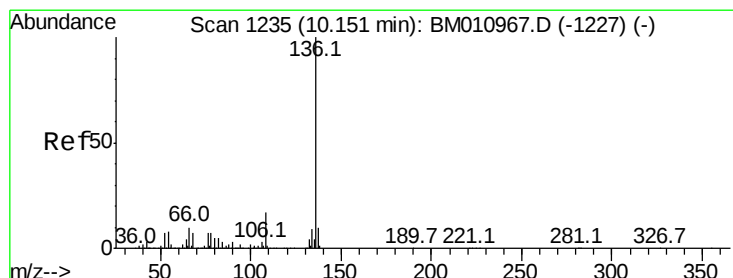
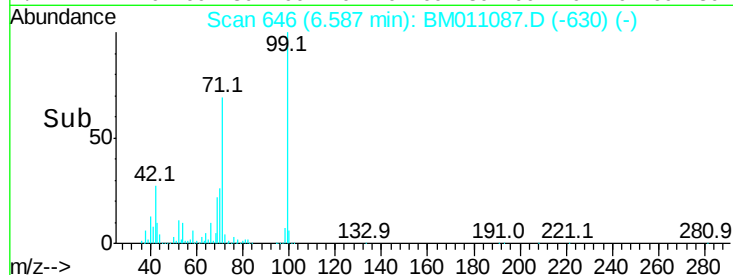
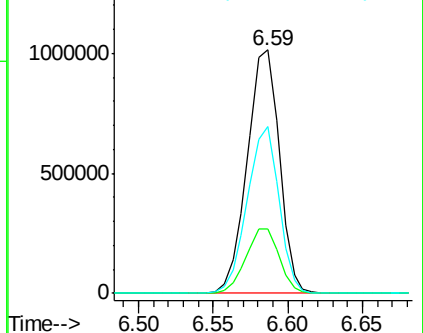
71 68.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011087.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011087.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011087.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011087.D

Acq: 01 Aug 2017 18:02

Tgt Ion: 136 Resp: 542856

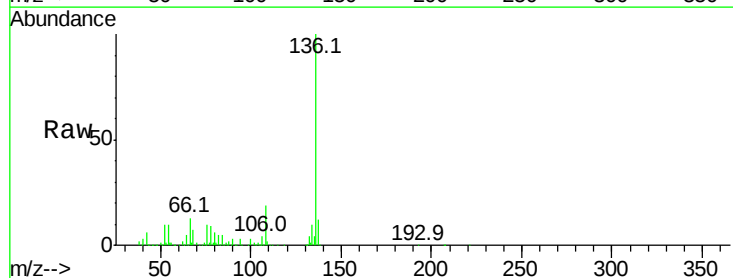
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 10.0 4.6 6.8#

68 6.5 3.7 5.5#

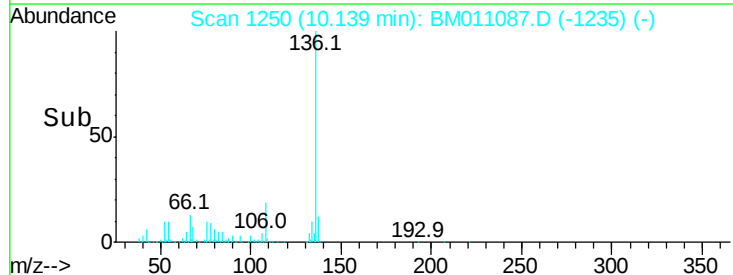
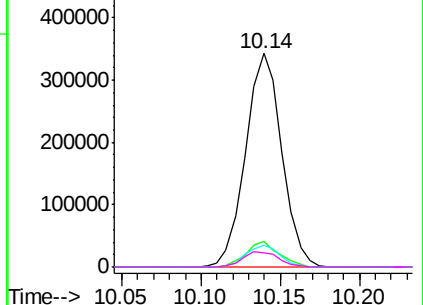


Abundance Ion 136.00 (135.70 to 136.70): BM011087.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011087.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011087.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011087.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 112.869 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011087.D

Acq: 01 Aug 2017 18:02

Instrument :

BNA_M

ClientSampleId :

TP-6

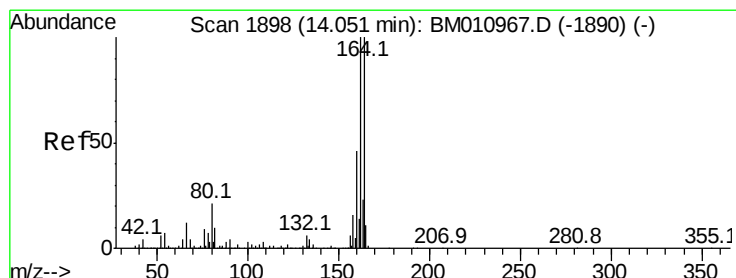
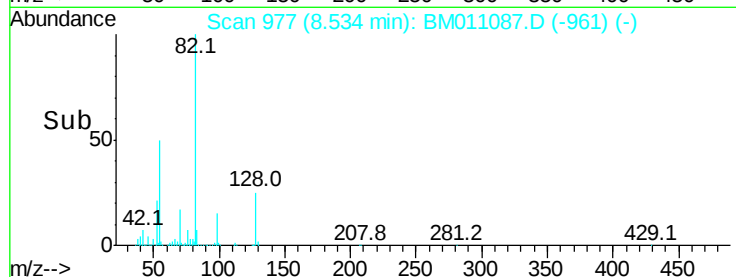
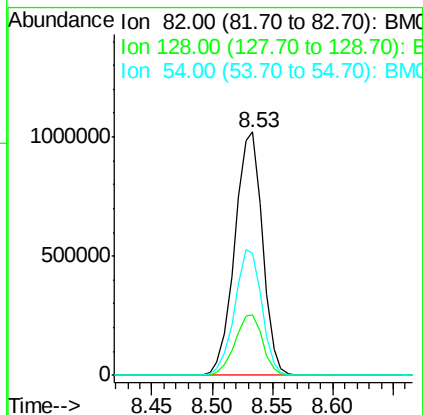
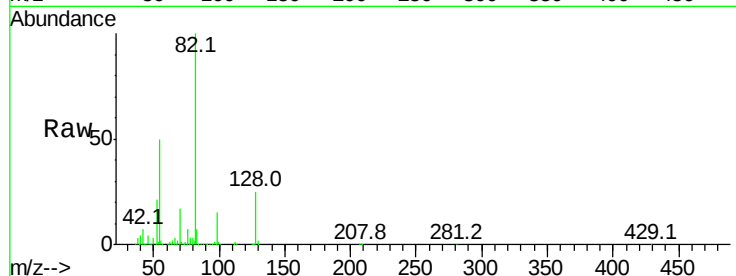
Tot Ion: 82 Resp: 1632528

Ion Ratio Lower Upper

82 100

128 25.1 32.8 49.2#

54 50.2 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011087.D

Acq: 01 Aug 2017 18:02

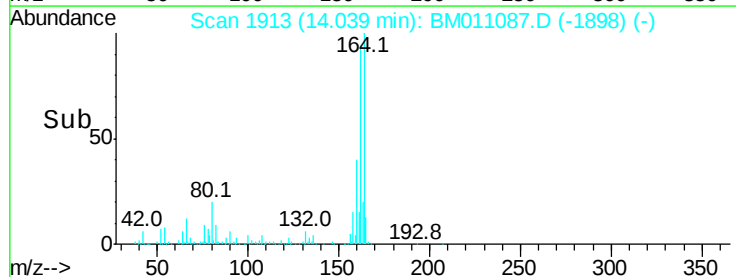
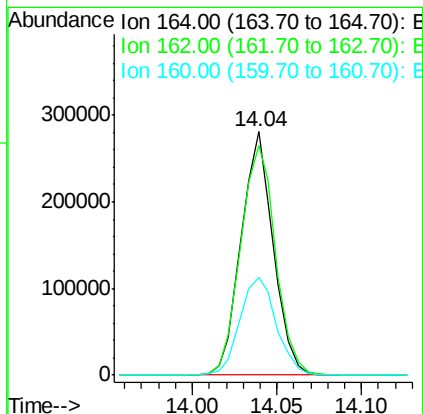
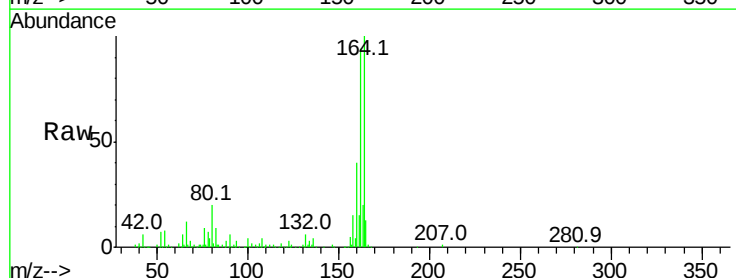
Tgt Ion:164 Resp: 372246

Ion Ratio Lower Upper

164 100

162 94.3 82.4 123.6

160 39.9 35.8 53.6

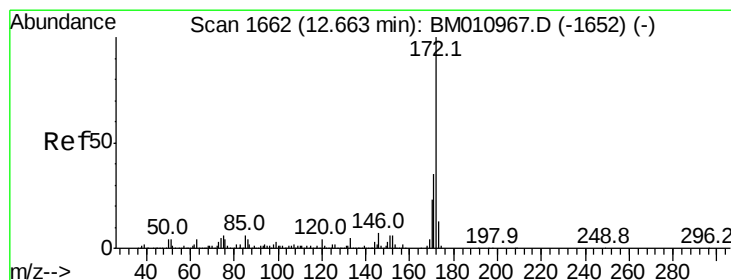
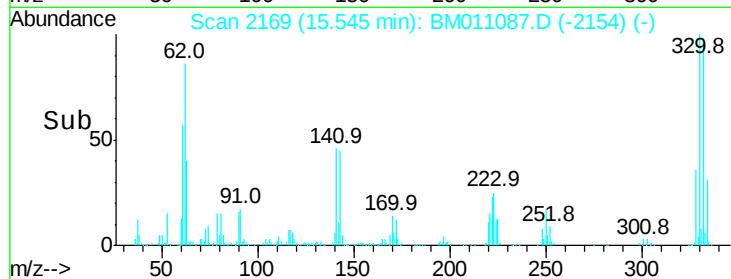
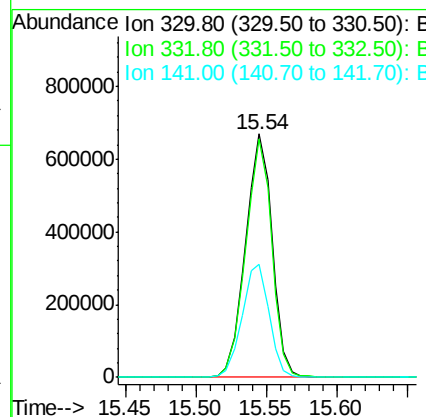
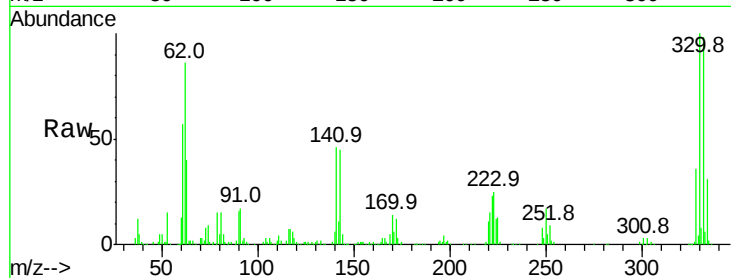




#41
 2,4,6-Tribromophenol
 Concen: 148.694 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011087.D
 Acq: 01 Aug 2017 18:02

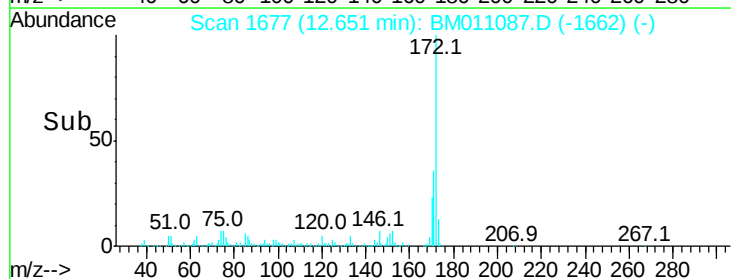
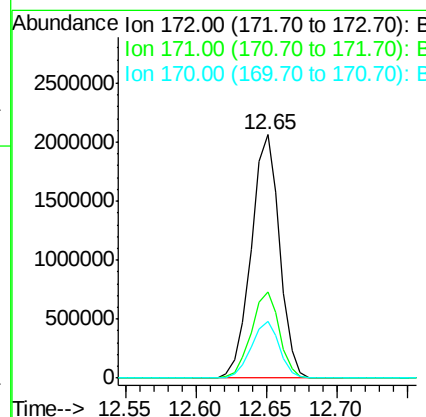
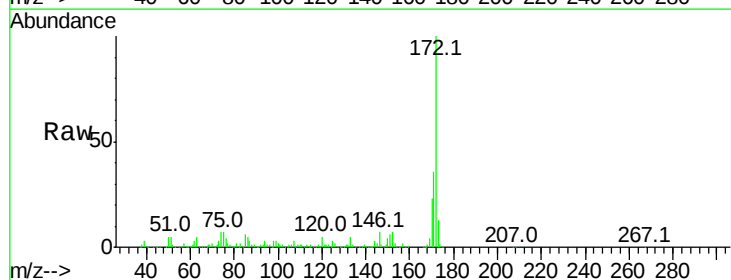
Instrument :
 BNA_M
 ClientSampleId :
 TP-6

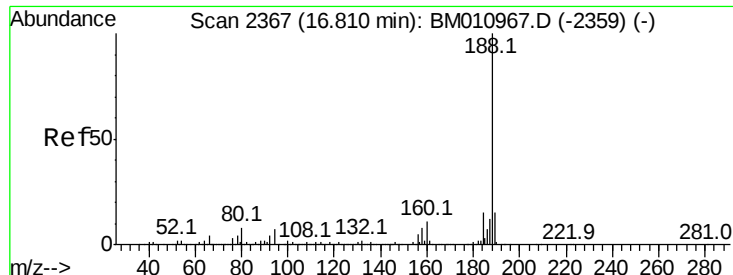
Tot Ion:330 Resp: 887158
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 47.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 98.045 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011087.D
 Acq: 01 Aug 2017 18:02

Tgt Ion:172 Resp: 2910111
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.1 18.8 28.2

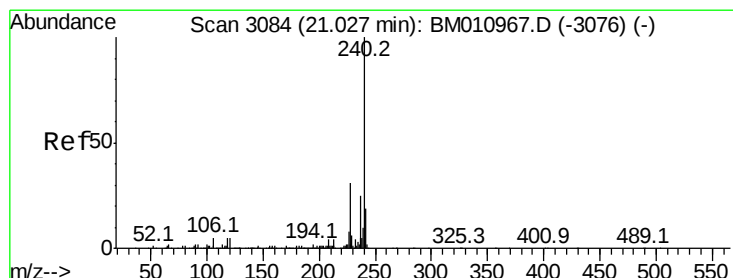
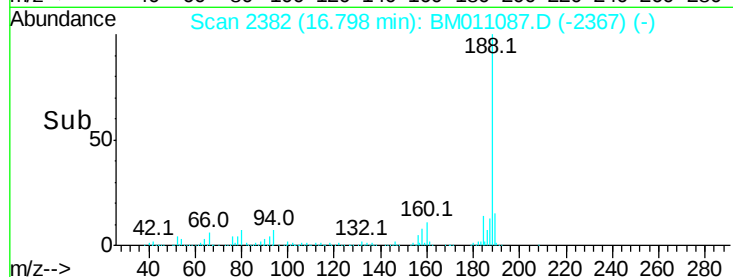
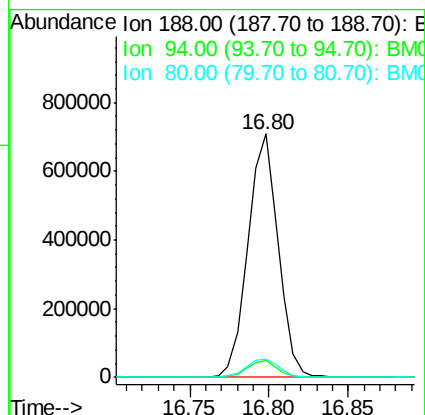
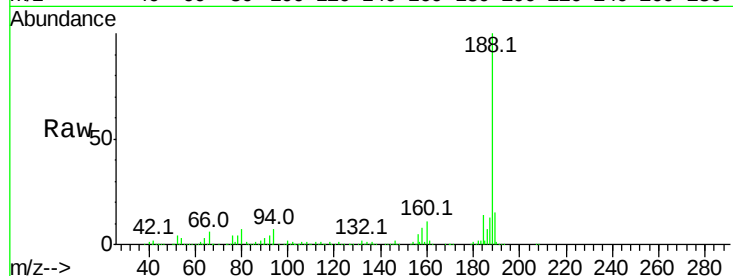




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011087.D
Acq: 01 Aug 2017 18:02

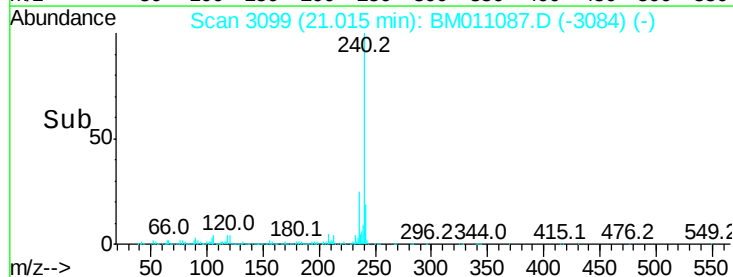
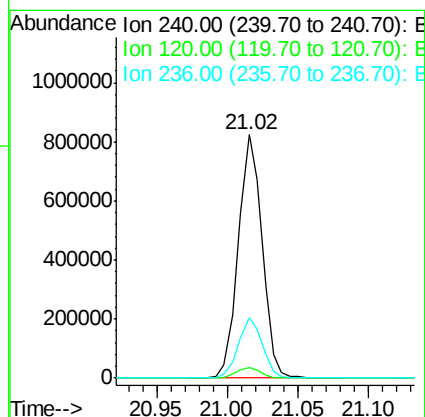
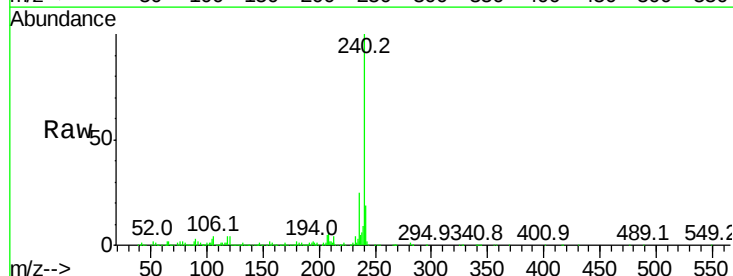
Instrument :
BNA_M
ClientSampleId :
TP-6

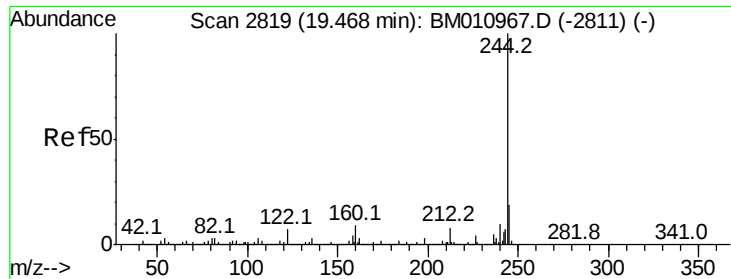
Tot Ion:188 Resp: 937890
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 7.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011087.D
Acq: 01 Aug 2017 18:02

Tgt Ion:240 Resp: 968410
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 25.1 20.0 30.0

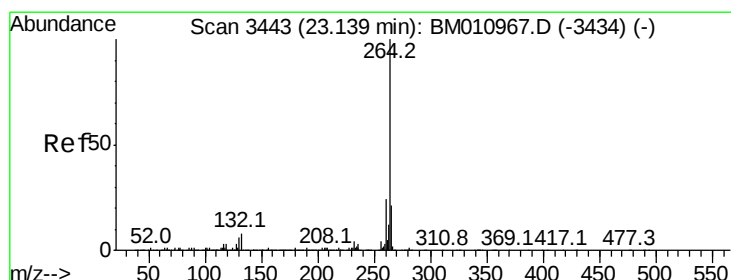
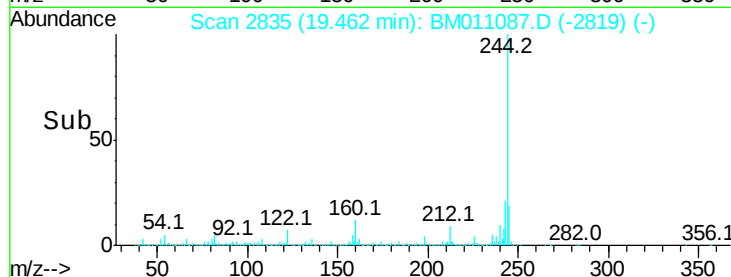
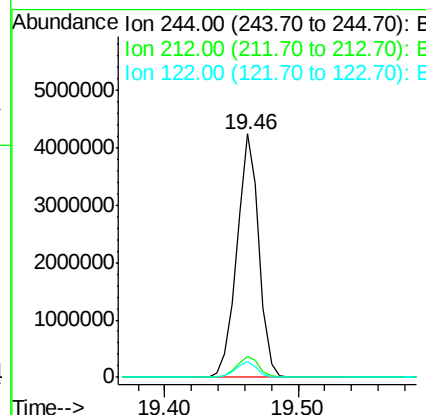
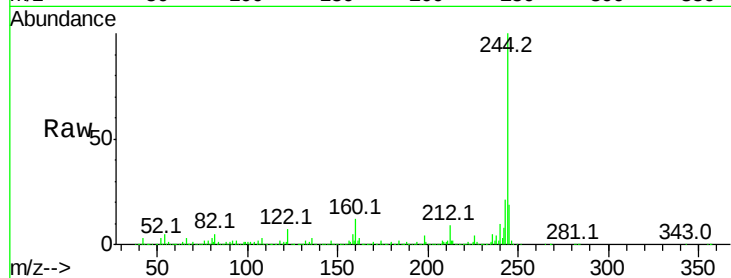




#78
 Terphenyl-d14
 Concen: 99.374 ng
 RT: 19.46 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM011087.D
 Acq: 01 Aug 2017 18:02

Instrument :
 BNA_M
 ClientSampled :
 TP-6

Tot Ion:244 Resp: 4858220
 Ion Ratio Lower Upper
 244 100
 212 8.7 4.9 7.3#
 122 6.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BM011087.D
 Acq: 01 Aug 2017 18:02

Tgt Ion:264 Resp: 804079
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.6 27.8
 265 22.3 17.3 25.9

