

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011134.D
 Acq On : 05 Aug 2017 01:13
 Operator : SJ/JU
 Sample : I4555-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2043

Quant Time: Aug 05 04:57:34 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	7.32	152	149223	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	513643	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	417197	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	993063	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	1168114	20.00	ng	-0.06
86) Perylene-d12	23.05	264	580010	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1237772	140.22	ng	-0.07
7) Phenol-d6	6.52	99	1441503	114.93	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1300905	95.06	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	982573	146.94	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2827672	85.00	ng	-0.07
78) Terphenyl-d14	19.41	244	5574041	94.52	ng	-0.06

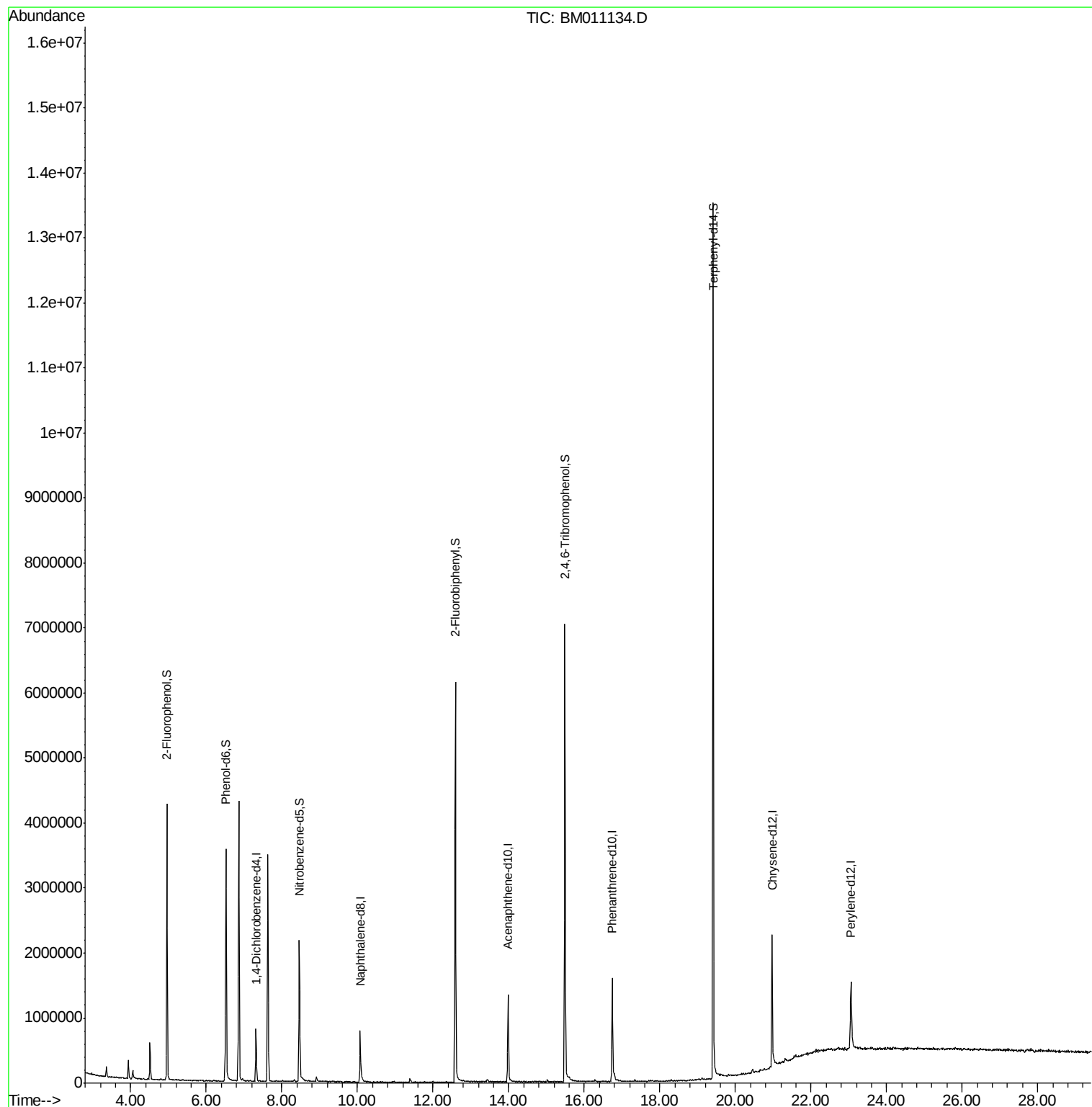
Target Compounds Qvalue

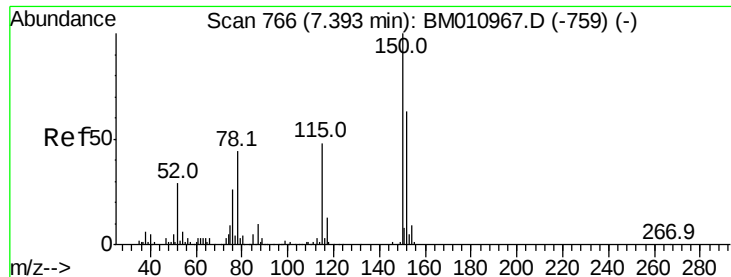
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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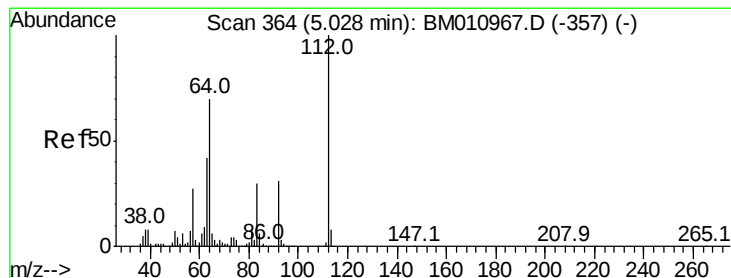
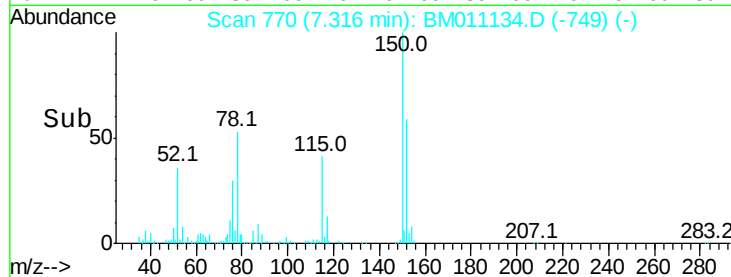
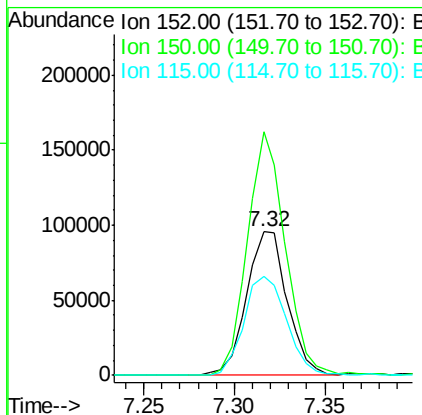
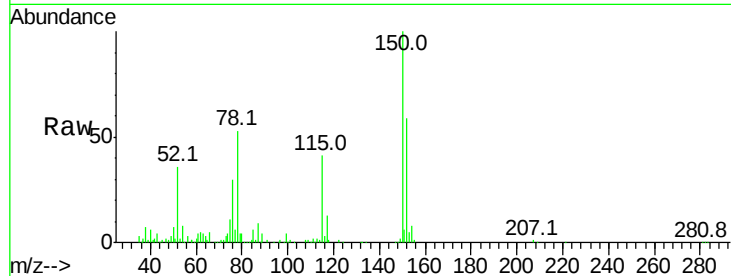


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011134.D
Acq: 05 Aug 2017 01:13

Instrument :
BNA_M
ClientSampleId :
2043

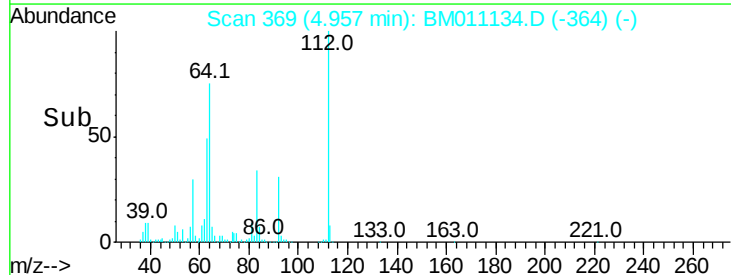
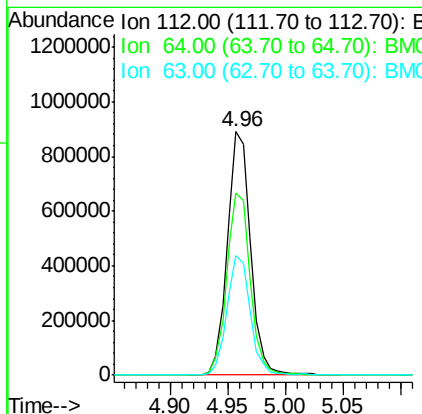
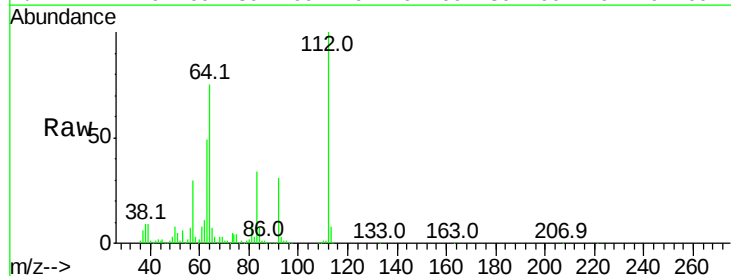
Tot Ion:152 Resp: 149223
Ion Ratio Lower Upper
152 100
150 169.5 119.5 179.3
115 69.0 43.0 64.4#

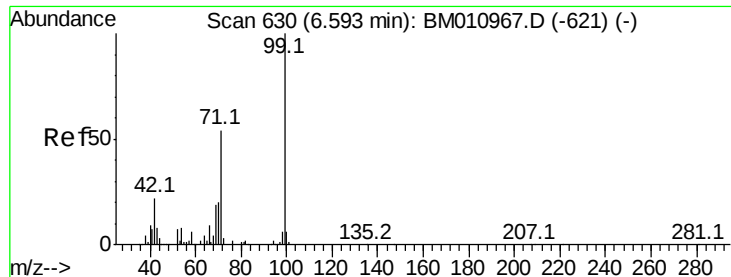


#5

2-Fluorophenol
Concen: 140.218 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011134.D
Acq: 05 Aug 2017 01:13

Tgt Ion:112 Resp: 1237772
Ion Ratio Lower Upper
112 100
64 74.7 38.6 57.8#
63 49.2 19.3 28.9#





#7

Phenol-d6

Concen: 114.932 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011134.D

Acq: 05 Aug 2017 01:13

Instrument :

BNA_M

ClientSampleId :

2043

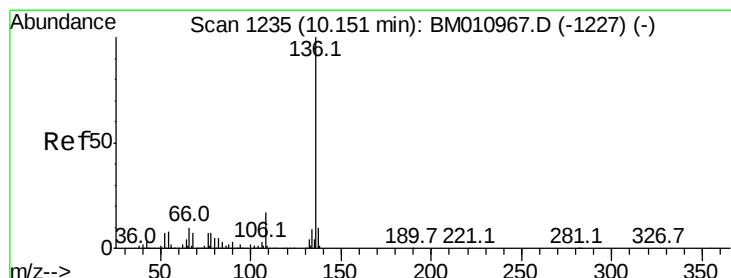
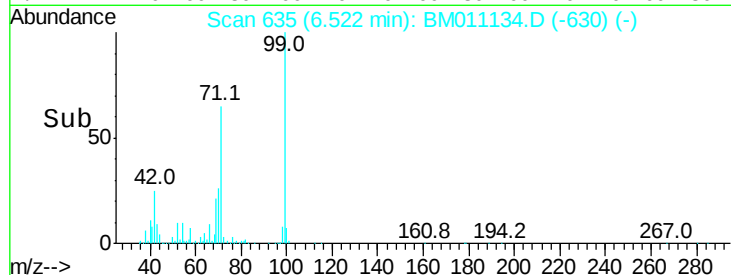
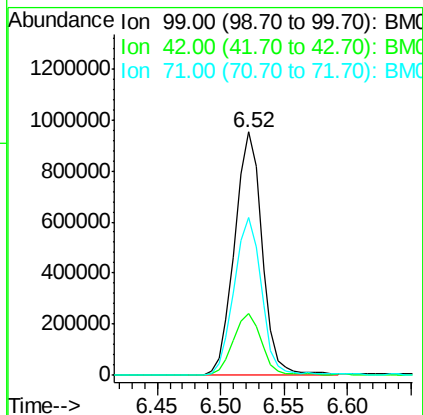
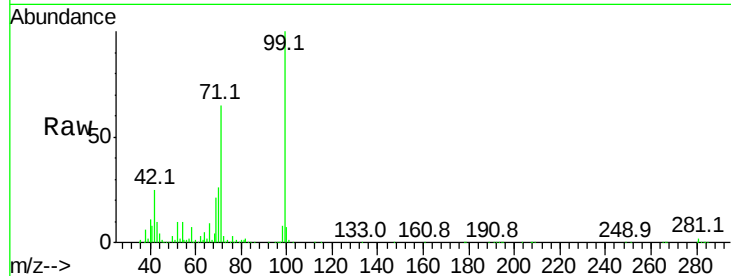
Tot Ion: 99 Resp: 1441503

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

71 64.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011134.D

Acq: 05 Aug 2017 01:13

Tgt Ion: 136 Resp: 513643

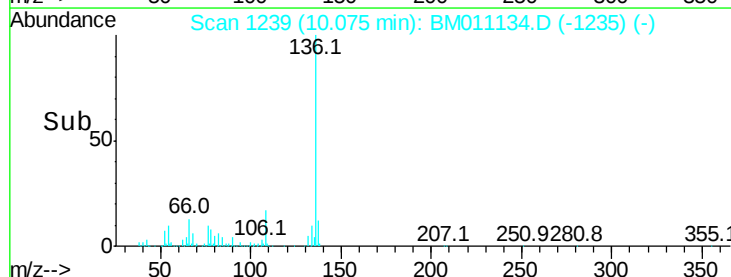
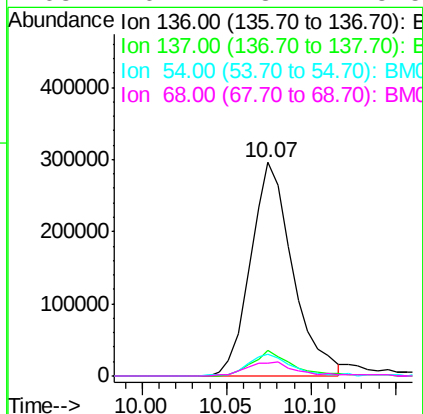
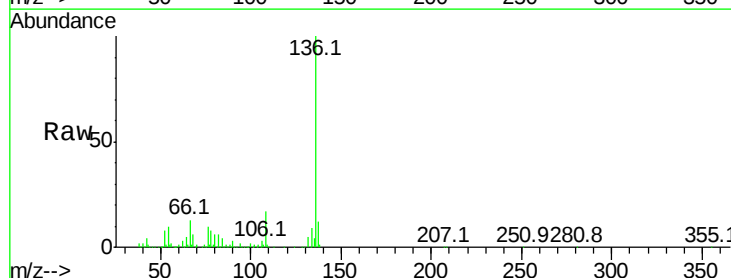
Ion Ratio Lower Upper

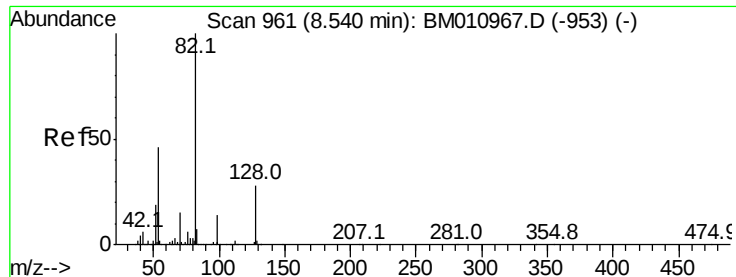
136 100

137 11.8 8.7 13.1

54 10.3 4.6 6.8#

68 6.2 3.7 5.5#

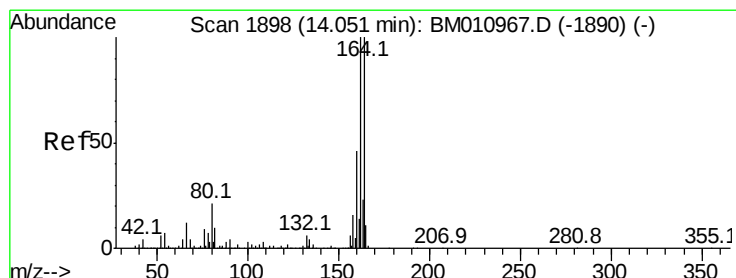
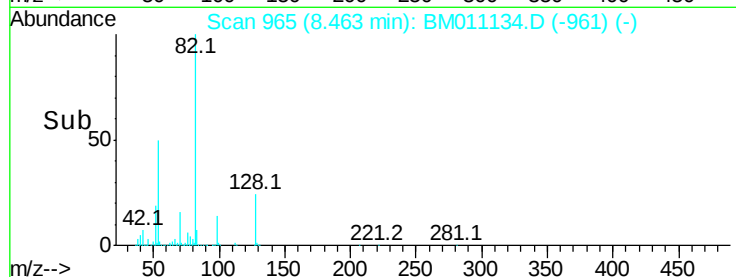
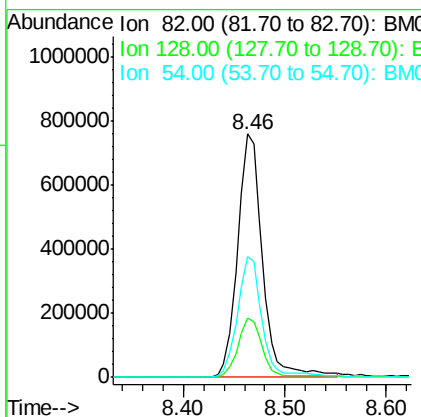
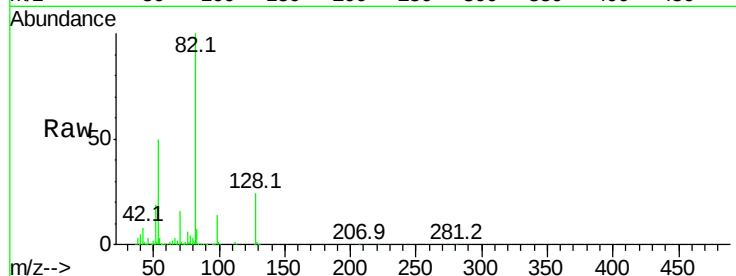




#23
 Nitrobenzene-d5
 Concen: 95.056 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011134.D
 Acq: 05 Aug 2017 01:13

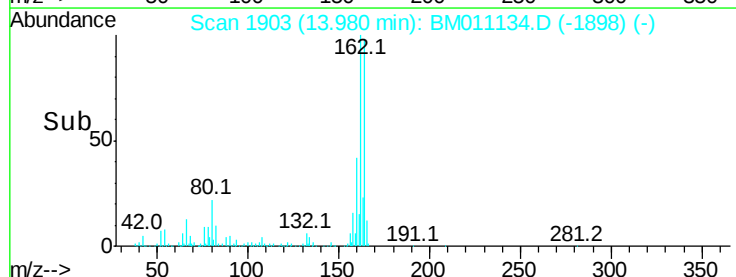
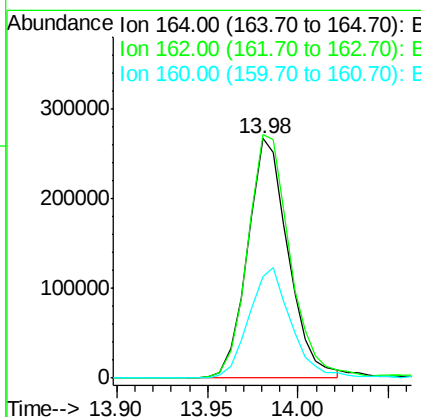
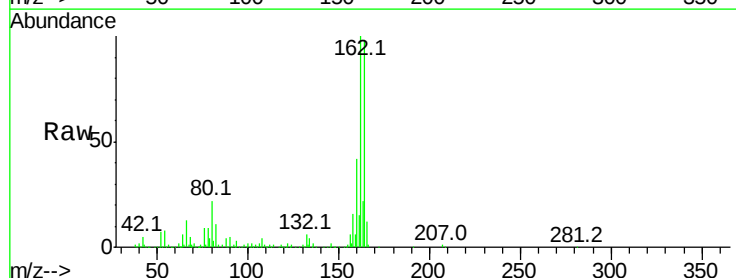
Instrument :
 BNA_M
 ClientSampleId :
 2043

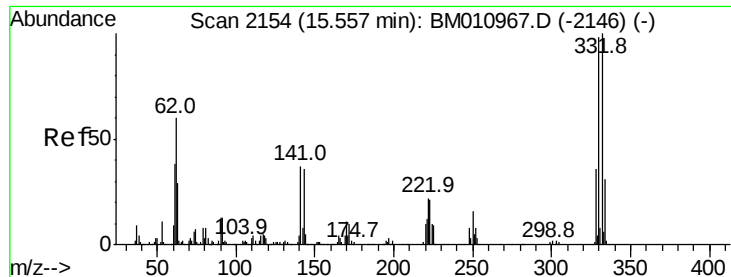
Tot Ion: 82 Resp: 1300905
 Ion Ratio Lower Upper
 82 100
 128 24.4 32.8 49.2#
 54 49.6 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011134.D
 Acq: 05 Aug 2017 01:13

Tgt Ion:164 Resp: 417197
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.4 123.6
 160 42.3 35.8 53.6

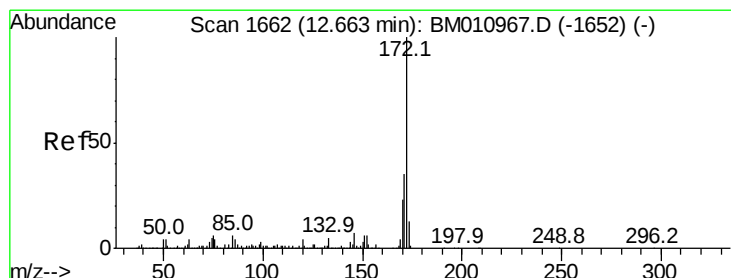
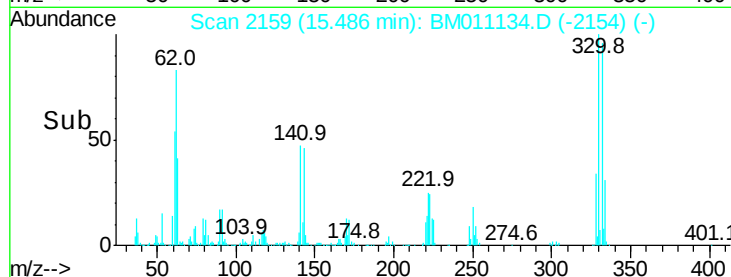
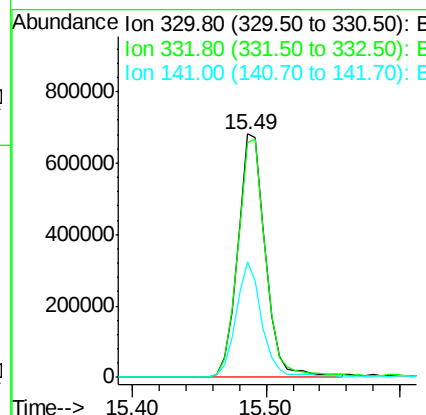
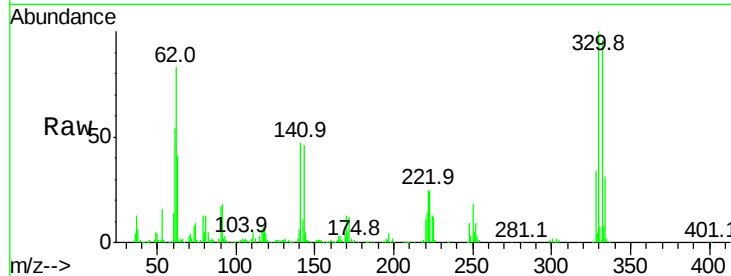




#41
 2,4,6-Tribromophenol
 Concen: 146.942 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011134.D
 Acq: 05 Aug 2017 01:13

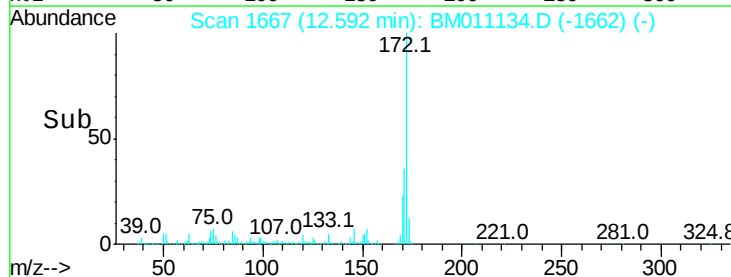
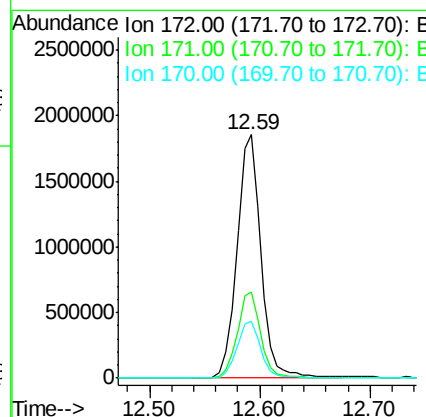
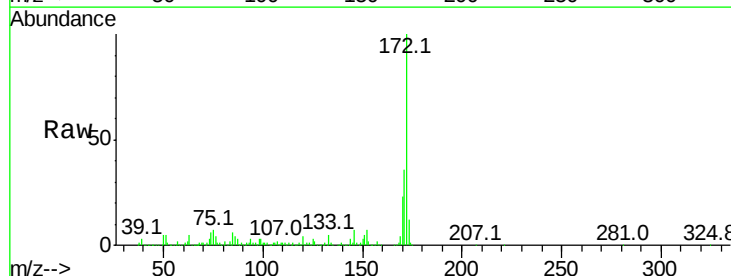
Instrument :
 BNA_M
 ClientSampleId :
 2043

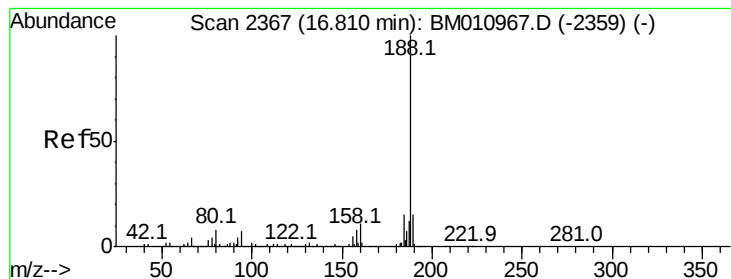
Tot Ion:330 Resp: 982573
 Ion Ratio Lower Upper
 330 100
 332 98.6 0.0 0.0#
 141 44.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.003 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011134.D
 Acq: 05 Aug 2017 01:13

Tgt Ion:172 Resp: 2827672
 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: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011134.D

Acq: 05 Aug 2017 01:13

Instrument :

BNA_M

ClientSampleId :

2043

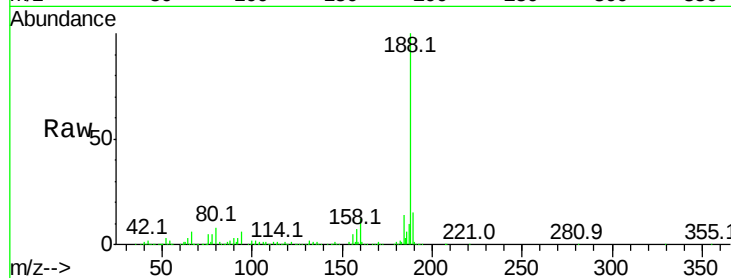
Tot Ion:188 Resp: 993063

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

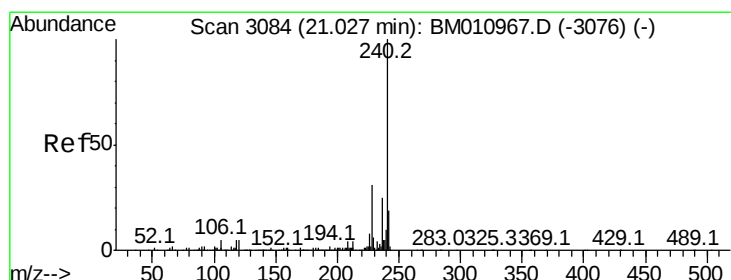
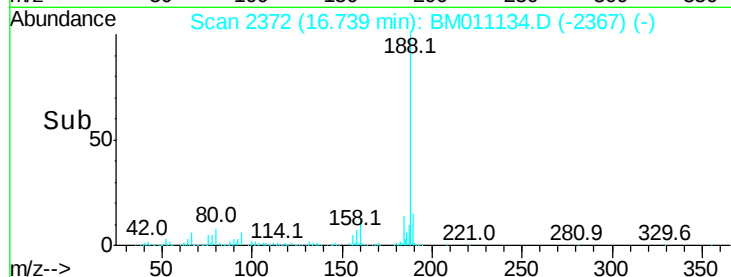
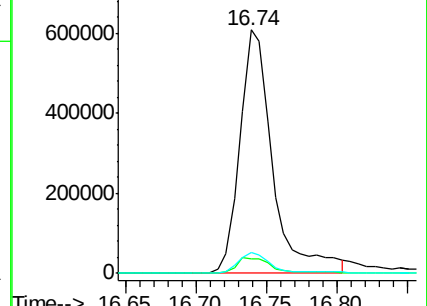
80 8.5 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011134.D

Acq: 05 Aug 2017 01:13

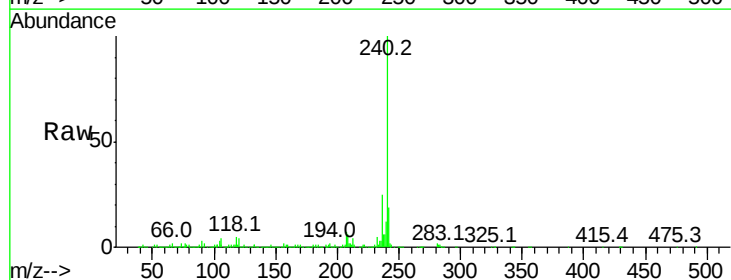
Tgt Ion:240 Resp: 1168114

Ion Ratio Lower Upper

240 100

120 4.4 8.2 12.2#

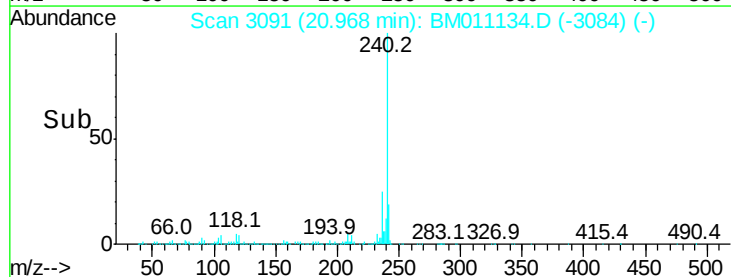
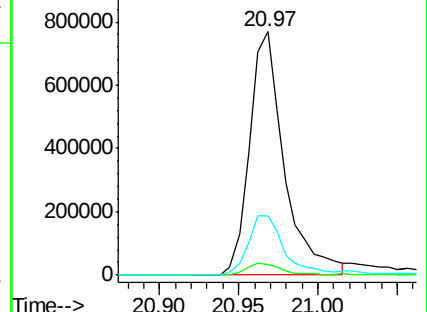
236 24.6 20.0 30.0

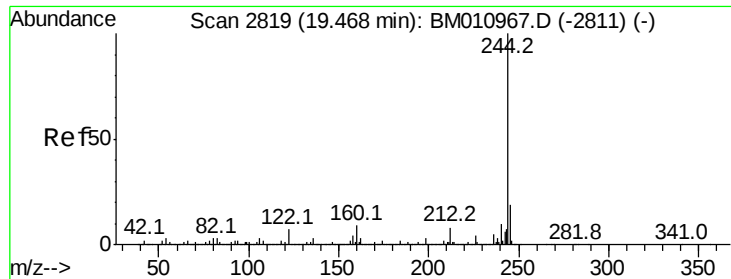


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

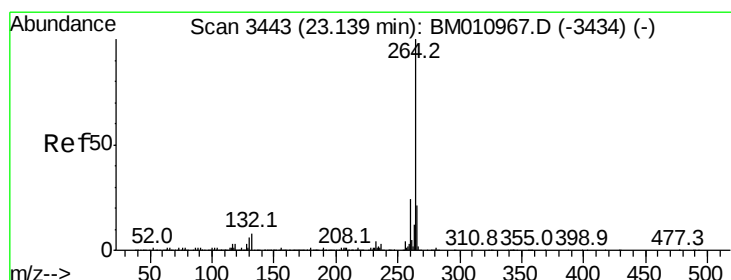
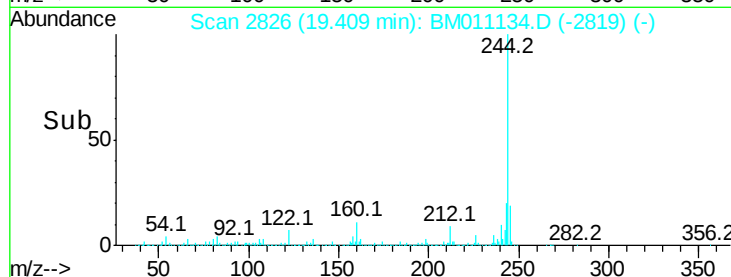
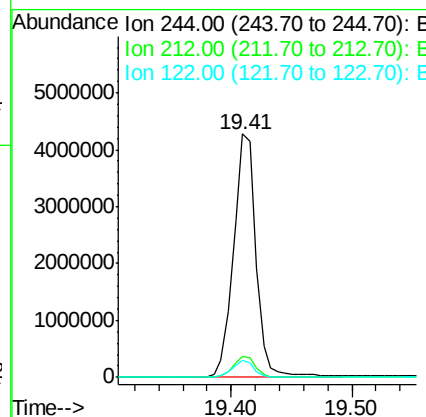
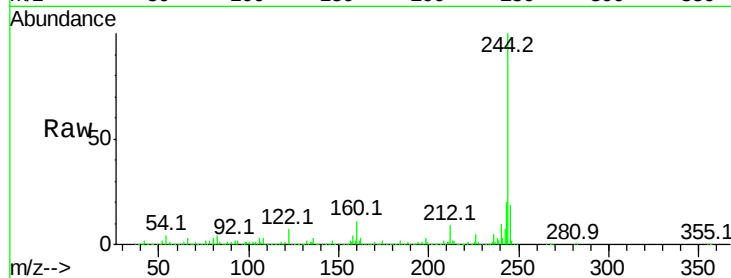




#78
 Terphenyl-d14
 Concen: 94.524 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011134.D
 Acq: 05 Aug 2017 01:13

Instrument :
 BNA_M
 ClientSampled :
 2043

Tot Ion:244 Resp: 5574041
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.9 7.3#
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011134.D
 Acq: 05 Aug 2017 01:13

Tgt Ion:264 Resp: 580010
 Ion Ratio Lower Upper
 264 100
 260 28.1 18.6 27.8#
 265 20.5 17.3 25.9

