

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011135.D
 Acq On : 05 Aug 2017 01:50
 Operator : SJ/JU
 Sample : I4560-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 N-STOCKPILE-COMP

Quant Time: Aug 05 04:59:37 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	157846	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	562790	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	441757	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1133425	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1386693	20.00	ng	-0.06
86) Perylene-d12	23.05	264	397031	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1323386	141.73	ng	-0.06
7) Phenol-d6	6.52	99	1628725	122.77	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1446415	96.46	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1161347	164.02	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	3202950	90.93	ng	-0.07
78) Terphenyl-d14	19.42	244	7058386	100.83	ng	-0.05

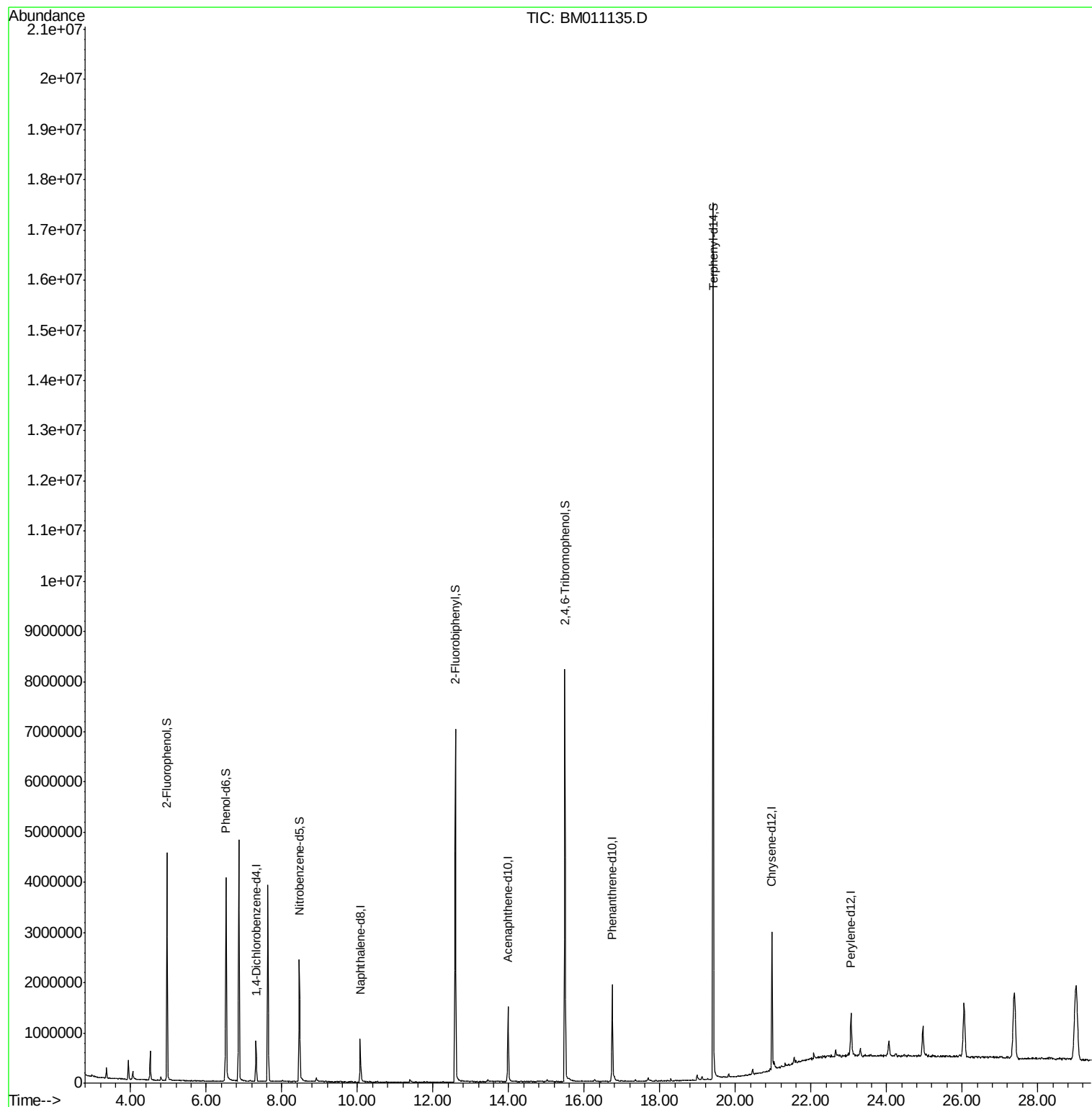
Target Compounds Qvalue

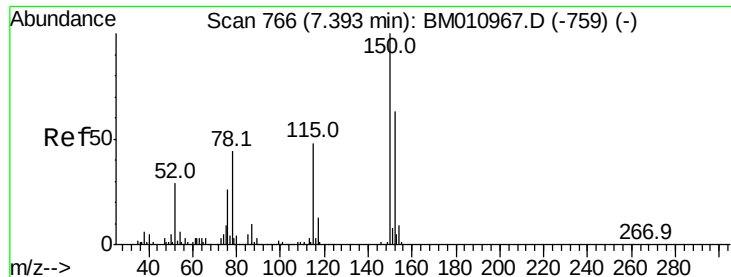
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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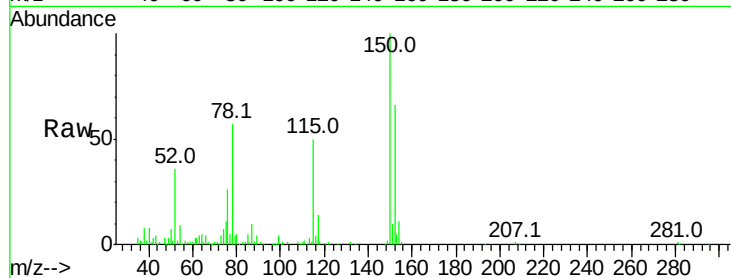


#1

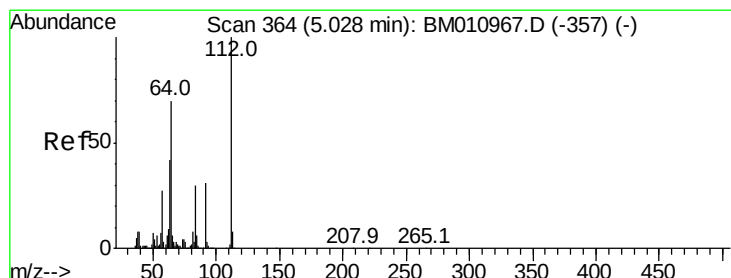
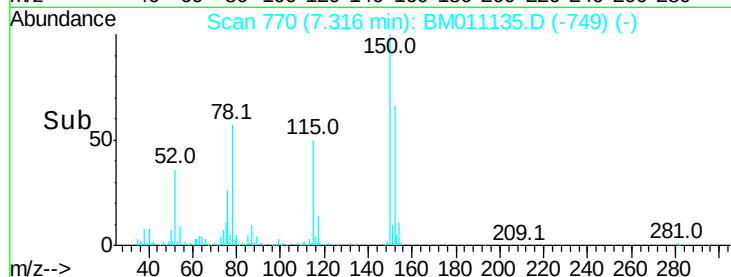
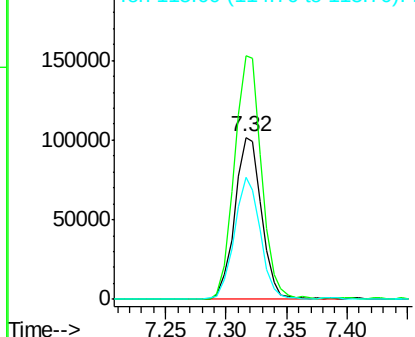
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011135.D
Acq: 05 Aug 2017 01:50

Instrument :
BNA_M
ClientSampleId :
N-STOCKPILE-COMP

Tot Ion:152 Resp: 157846
Ion Ratio Lower Upper
152 100
150 150.4 119.5 179.3
115 75.4 43.0 64.4#



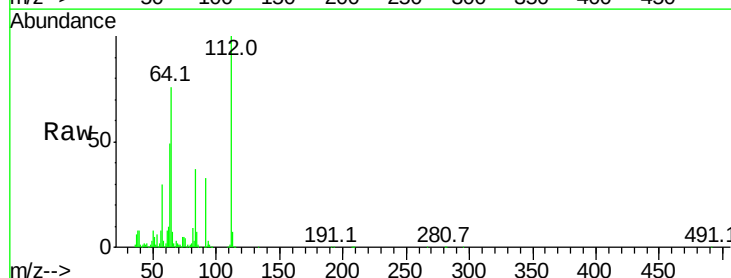
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



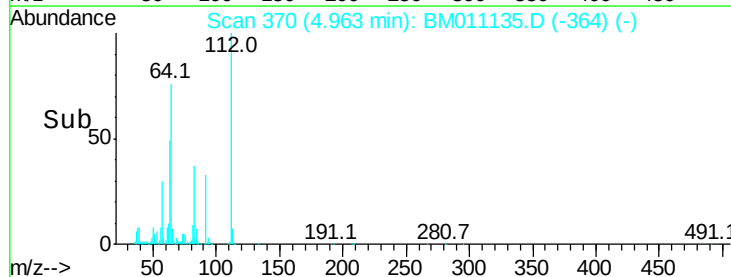
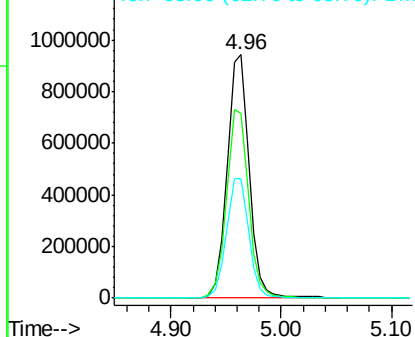
#5

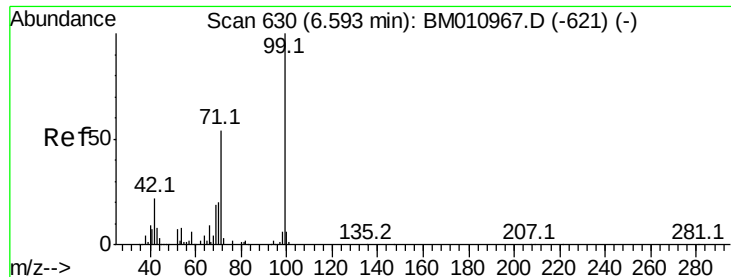
2-Fluorophenol
Concen: 141.727 ng
RT: 4.96 min Scan# 370
Delta R.T. -0.06 min
Lab File: BM011135.D
Acq: 05 Aug 2017 01:50

Tgt Ion:112 Resp: 1323386
Ion Ratio Lower Upper
112 100
64 76.0 38.6 57.8#
63 48.9 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: 122.765 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011135.D

Acq: 05 Aug 2017 01:50

Instrument :

BNA_M

ClientSampleId :

N-STOCKPILE-COMP

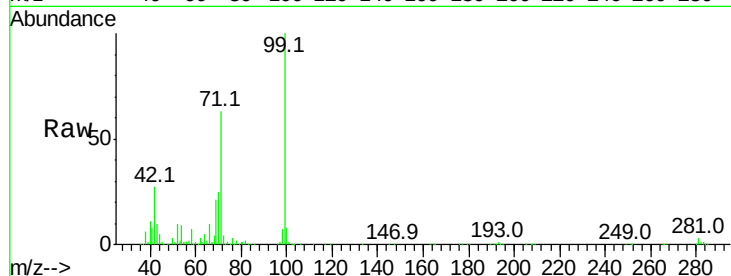
Tot Ion: 99 Resp: 1628725

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

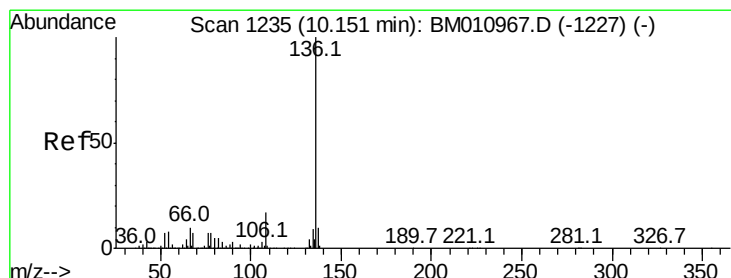
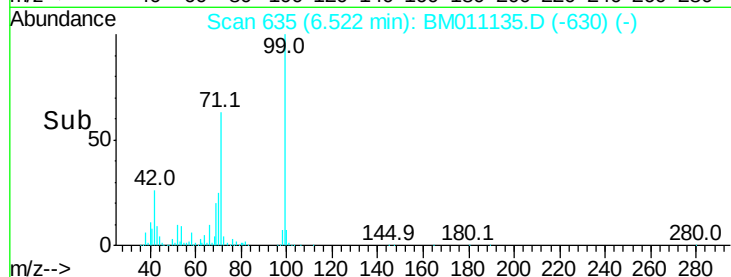
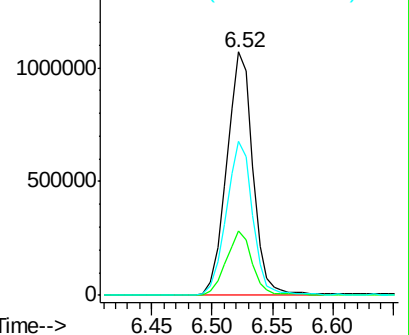
71 63.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011135.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011135.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011135.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011135.D

Acq: 05 Aug 2017 01:50

Tgt Ion: 136 Resp: 562790

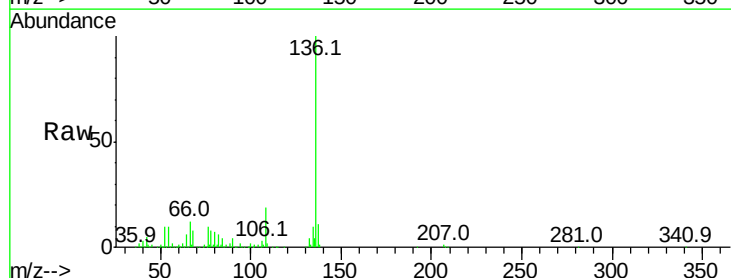
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.4 4.6 6.8#

68 8.5 3.7 5.5#

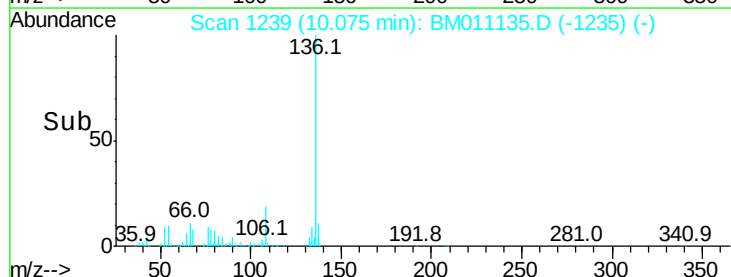
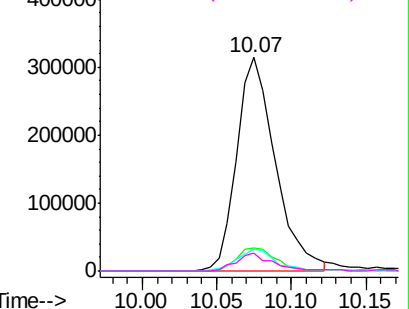


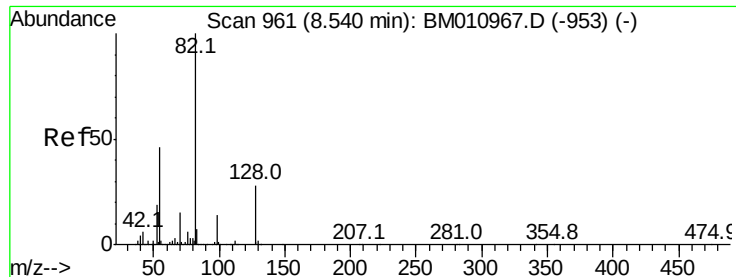
Abundance Ion 136.00 (135.70 to 136.70): BM011135.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011135.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011135.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011135.D (-1235) (-)



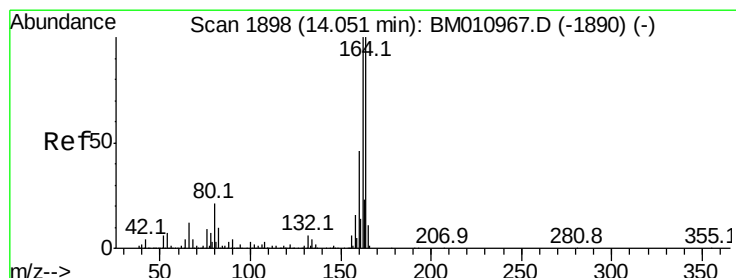
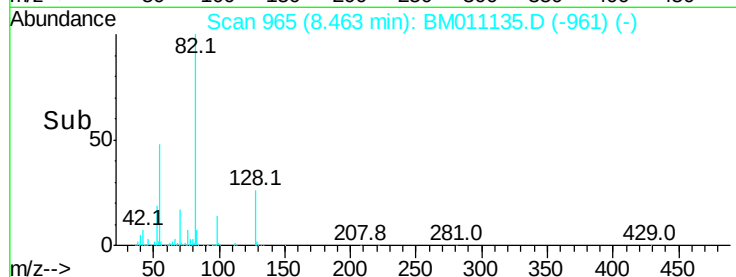
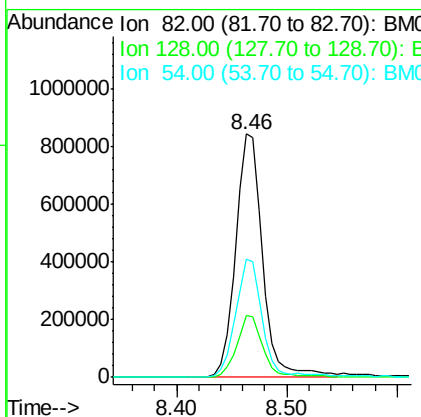
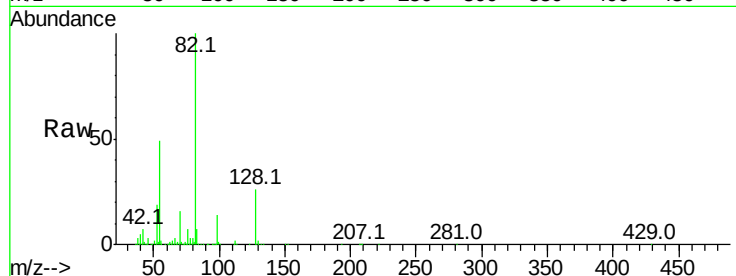


#23
 Nitrobenzene-d5
 Concen: 96.459 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011135.D
 Acq: 05 Aug 2017 01:50

Instrument :
 BNA_M
 ClientSampleId :
 N-STOCKPILE-COMP

Tot Ion: 82 Resp: 1446415

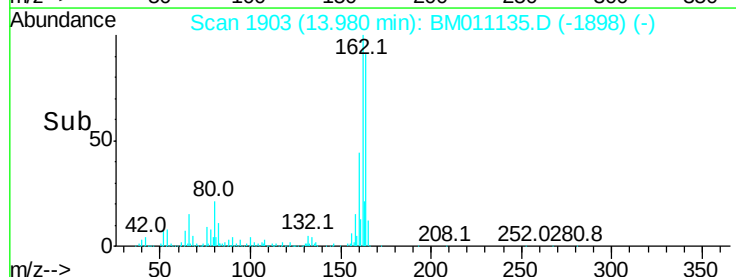
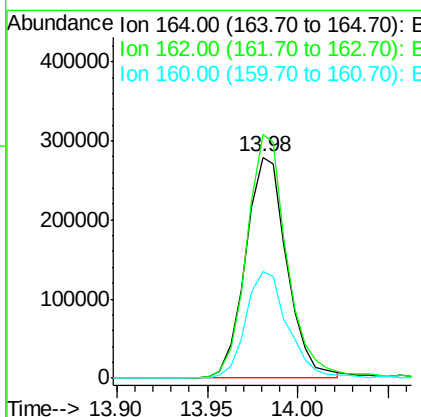
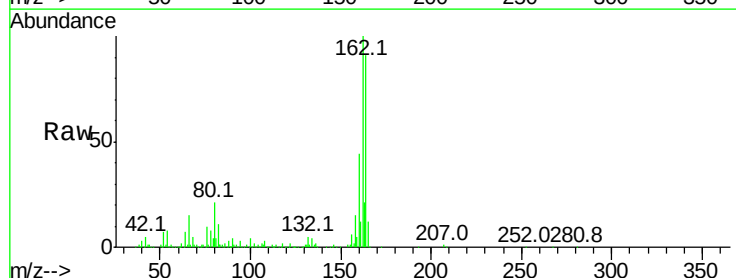
Ion	Ratio	Lower	Upper
82	100		
128	25.6	32.8	49.2#
54	48.7	40.6	60.8

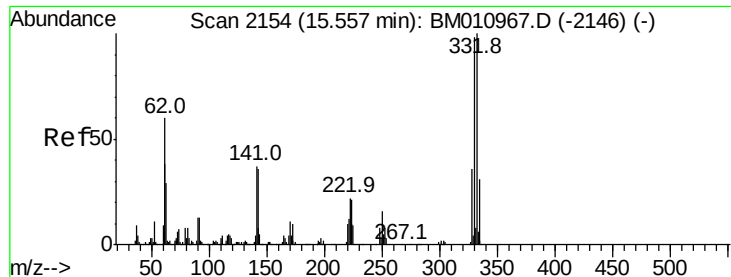


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011135.D
 Acq: 05 Aug 2017 01:50

Tgt Ion: 164 Resp: 441757

Ion	Ratio	Lower	Upper
164	100		
162	110.3	82.4	123.6
160	48.3	35.8	53.6

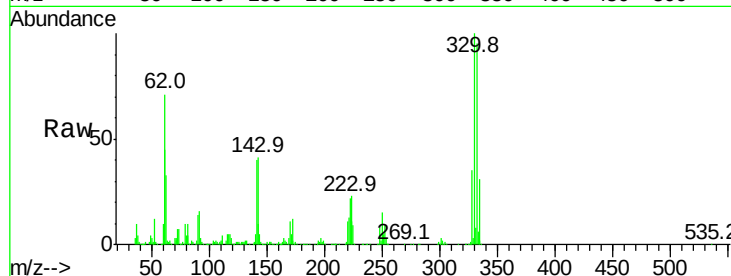




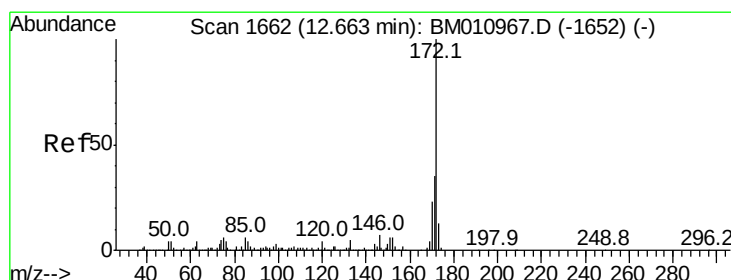
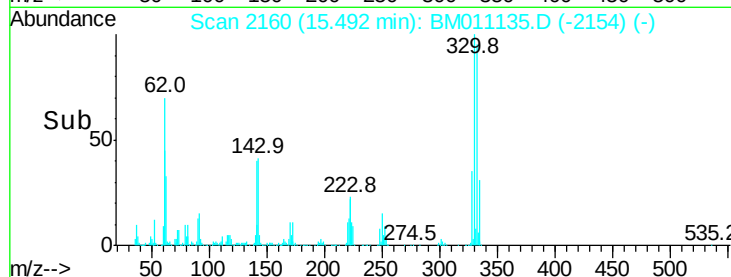
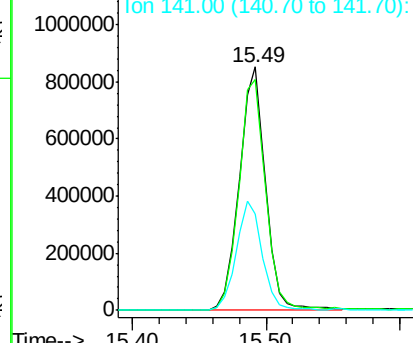
#41
 2,4,6-Tribromophenol
 Concen: 164.022 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011135.D
 Acq: 05 Aug 2017 01:50

Instrument :
 BNA_M
 ClientSampleId :
 N-STOCKPILE-COMP

Tot Ion:330 Resp: 1161347
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 45.0 0.0 0.0#

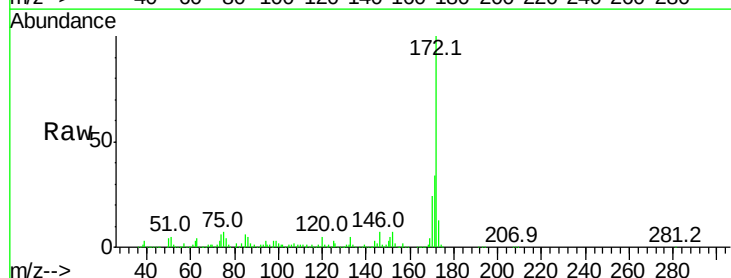


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

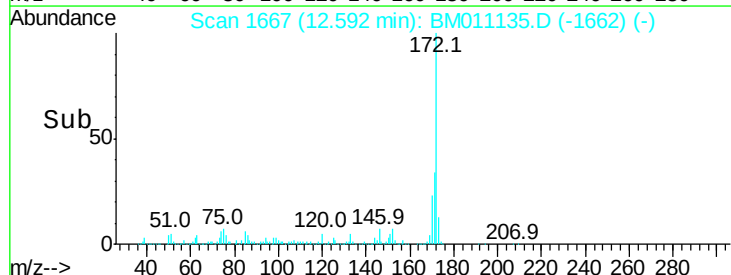
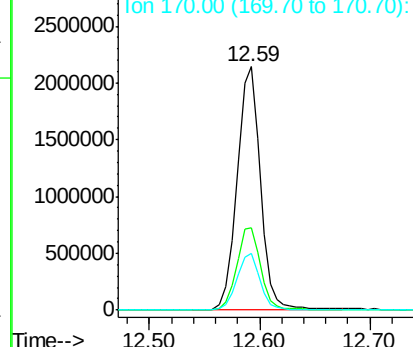


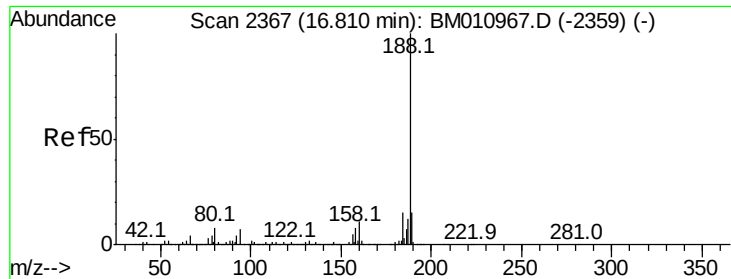
#44
 2-Fluorobiphenyl
 Concen: 90.931 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011135.D
 Acq: 05 Aug 2017 01:50

Tgt Ion:172 Resp: 3202950
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.5 42.7
 170 23.5 18.8 28.2



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

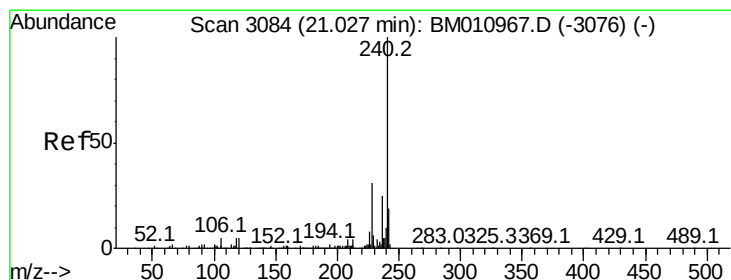
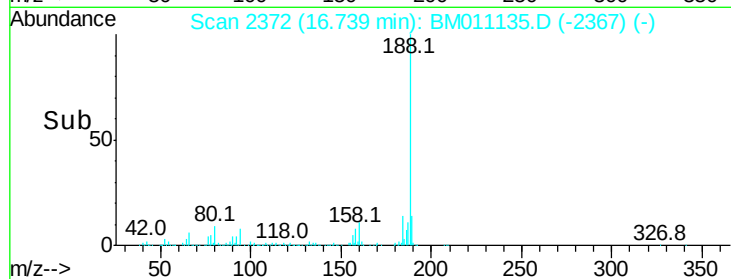
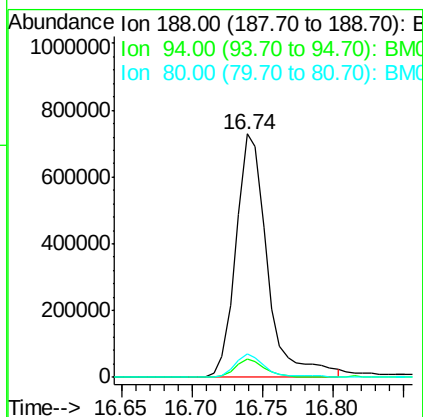
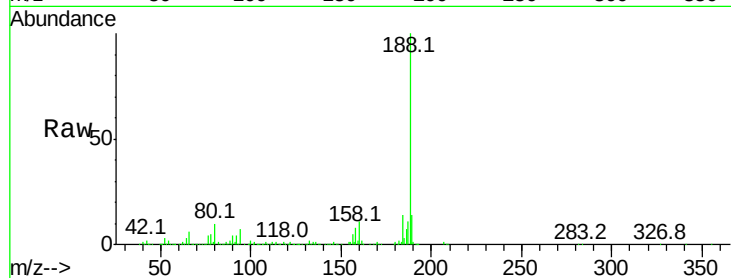




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011135.D
Acq: 05 Aug 2017 01:50

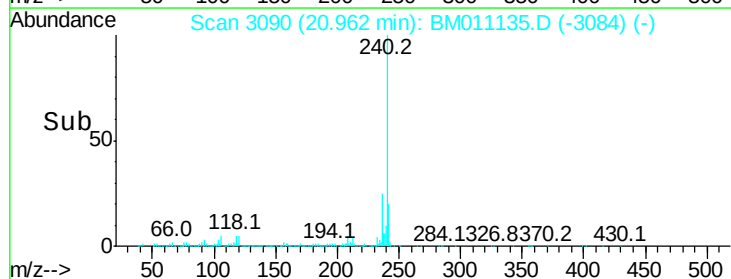
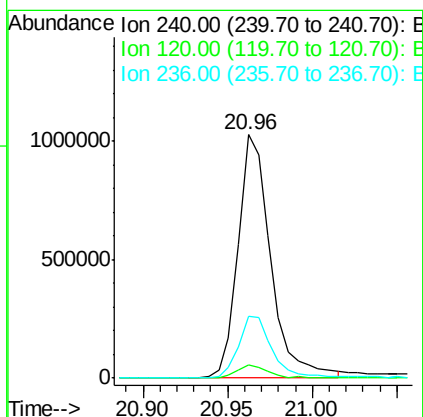
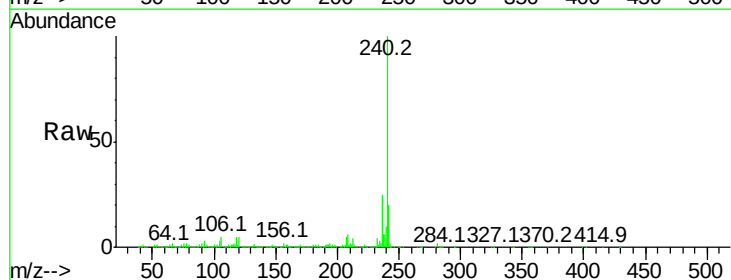
Instrument :
BNA_M
ClientSampleId :
N-STOCKPILE-COMP

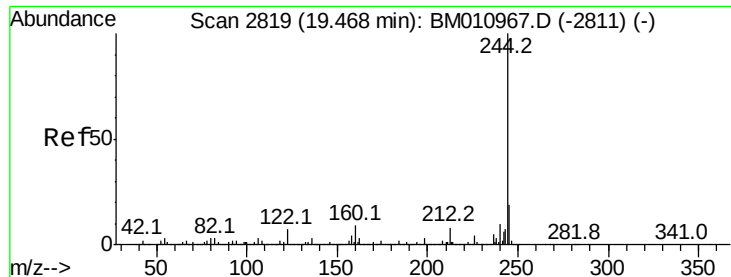
Tot Ion:188 Resp: 1133425
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 9.5 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011135.D
Acq: 05 Aug 2017 01:50

Tgt Ion:240 Resp: 1386693
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 100.828 ng

RT: 19.42 min Scan# 2827

Delta R.T. -0.05 min

Lab File: BM011135.D

Acq: 05 Aug 2017 01:50

Instrument :

BNA_M

ClientSampleId :

N-STOCKPILE-COMP

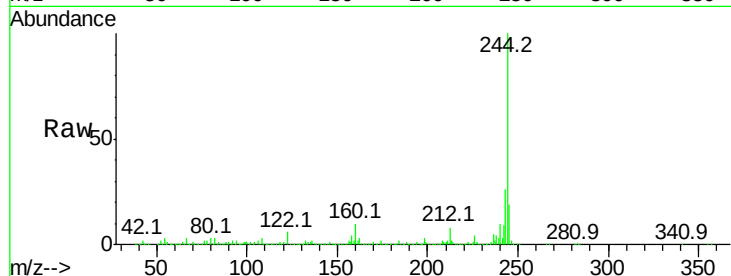
Tot Ion:244 Resp: 7058386

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

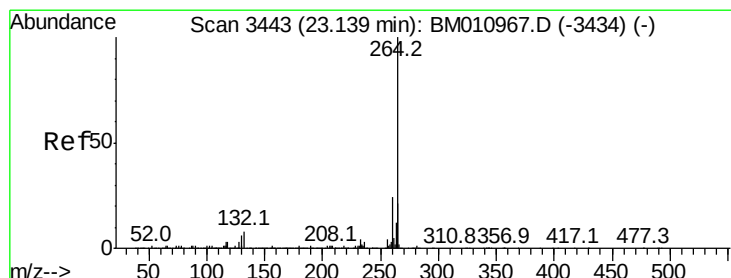
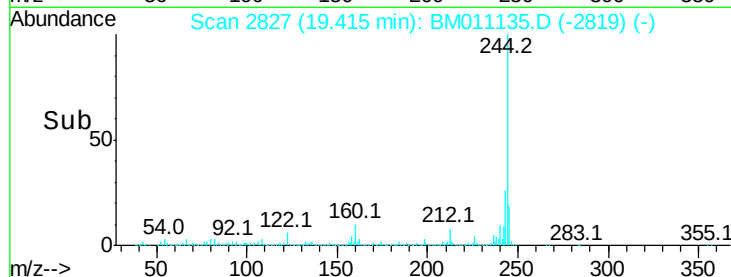
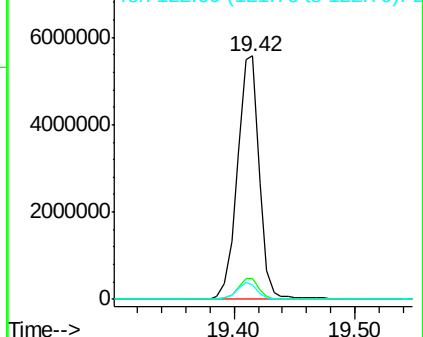
122 6.2 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011135.D

Acq: 05 Aug 2017 01:50

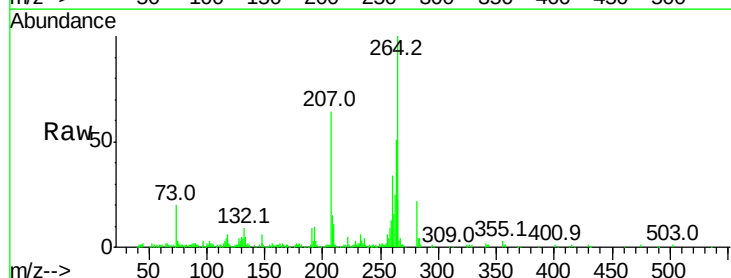
Tgt Ion:264 Resp: 397031

Ion Ratio Lower Upper

264 100

260 34.0 18.6 27.8#

265 22.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

