

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011171.D
 Acq On : 08 Aug 2017 02:33
 Operator : SJ/JU
 Sample : I4560-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-STOCKPILE-COMP

Quant Time: Aug 08 03:19:06 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	7.31	152	104449	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	381541	20.00	ng	-0.08
38) Acenaphthene-d10	13.97	164	294869	20.00	ng	-0.08
63) Phenanthrene-d10	16.74	188	826053	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1200297	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1281950	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	568935	92.08	ng	-0.08
7) Phenol-d6	6.51	99	750057	85.44	ng	-0.08
23) Nitrobenzene-d5	8.46	82	658456	64.77	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	436870	92.44	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1253459	53.31	ng	-0.08
78) Terphenyl-d14	19.40	244	3103053	51.21	ng	-0.06

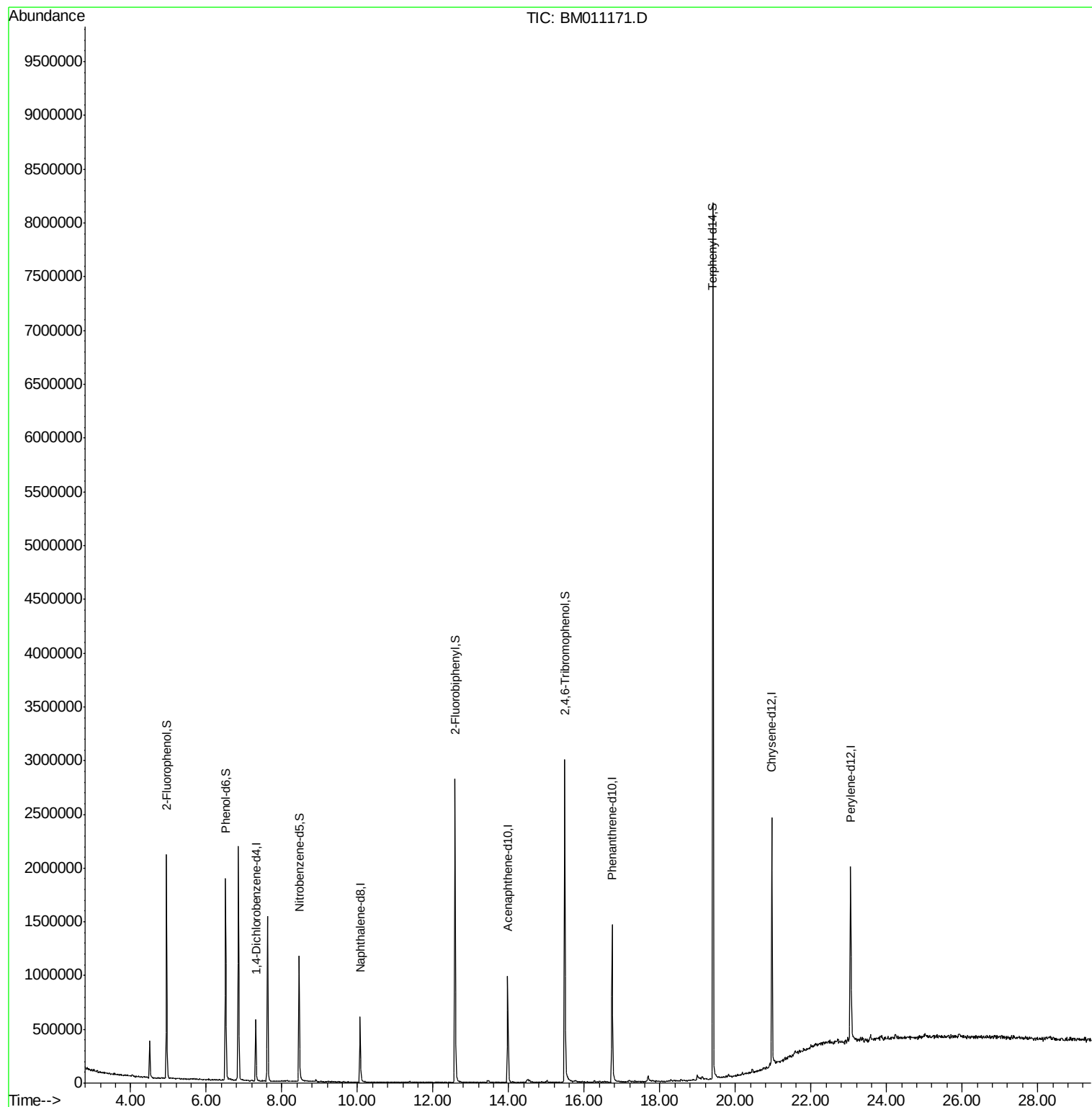
Target Compounds Qvalue

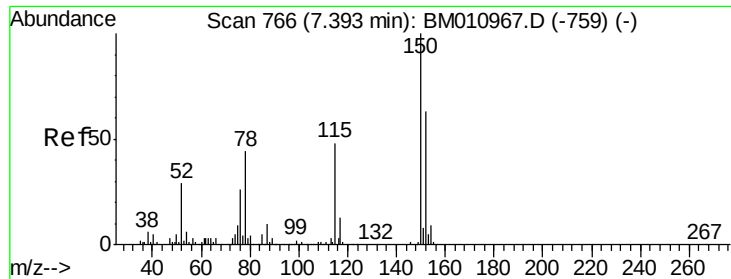
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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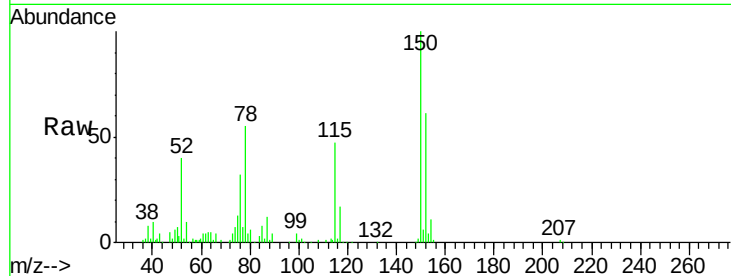


#1

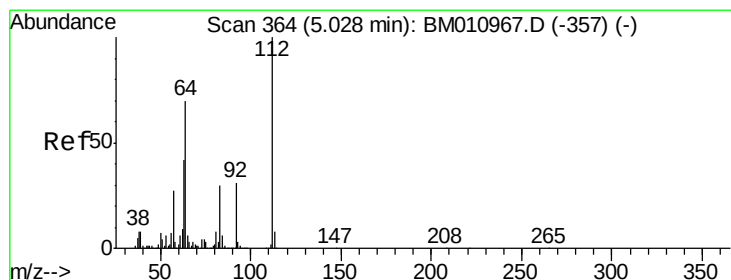
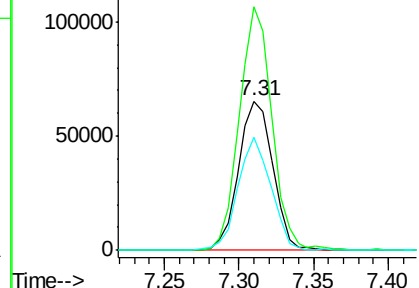
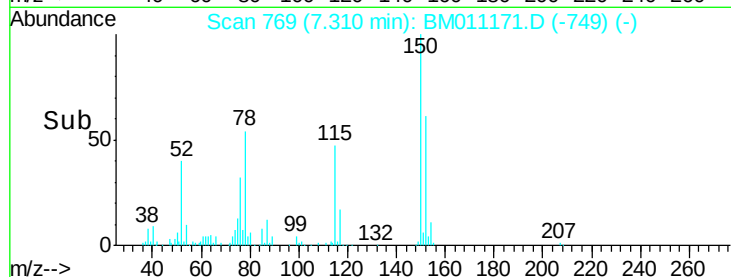
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011171.D
Acq: 08 Aug 2017 02:33

Instrument :
BNA_M
ClientSampleId :
S-STOCKPILE-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	119.5	179.3
115	76.2	43.0	64.4#



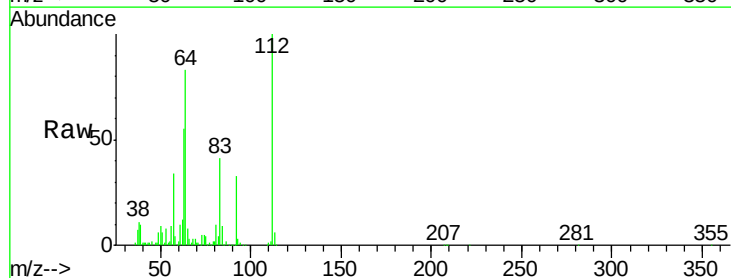
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



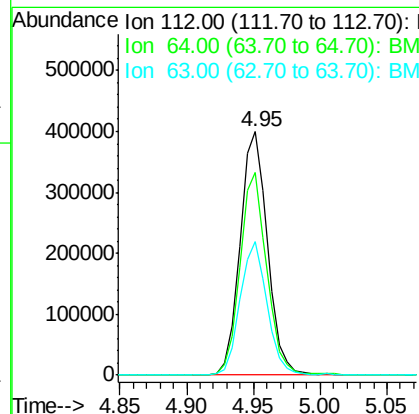
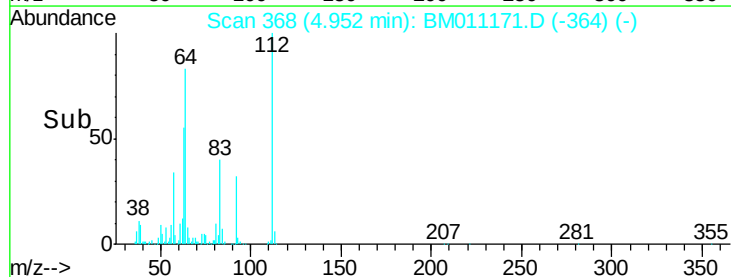
#5

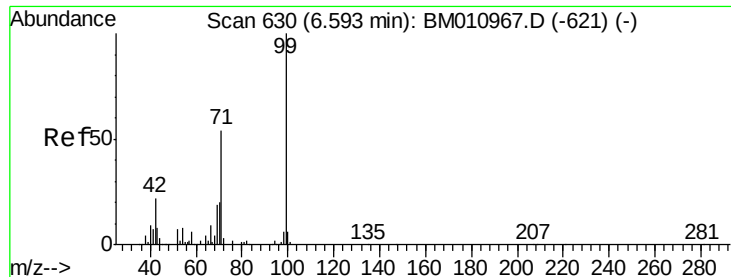
2-Fluorophenol
Concen: 92.08 ng
RT: 4.95 min Scan# 368
Delta R.T. -0.08 min
Lab File: BM011171.D
Acq: 08 Aug 2017 02:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.3	38.6	57.8#
63	54.7	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: 85.44 ng

RT: 6.51 min Scan# 633

Delta R.T. -0.08 min

Lab File: BM011171.D

Acq: 08 Aug 2017 02:33

Instrument :

BNA_M

ClientSampleId :

S-STOCKPILE-COMP

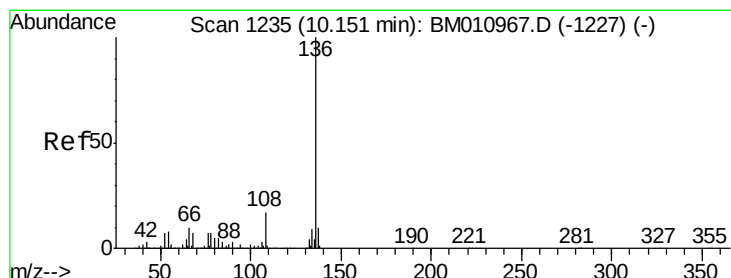
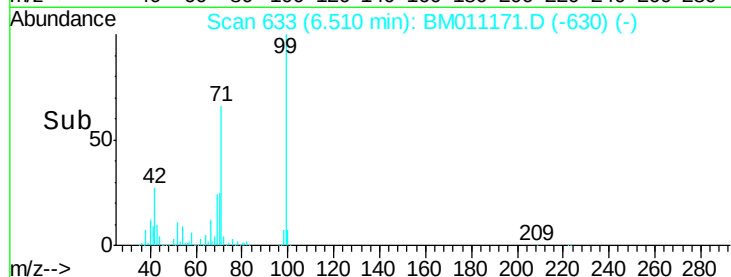
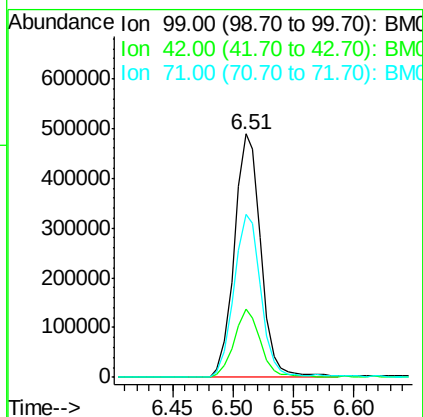
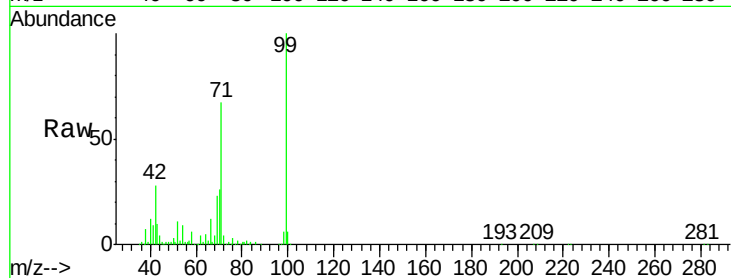
Tot Ion: 99 Resp: 750057

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

71 67.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011171.D

Acq: 08 Aug 2017 02:33

Tgt Ion: 136 Resp: 381541

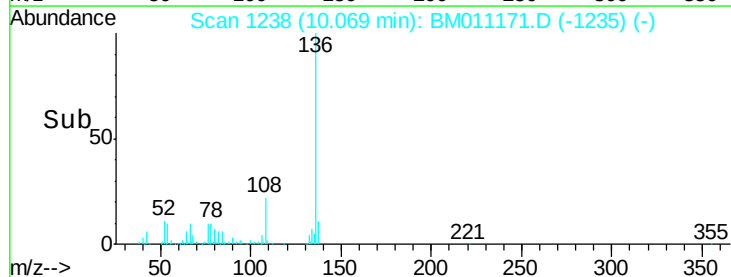
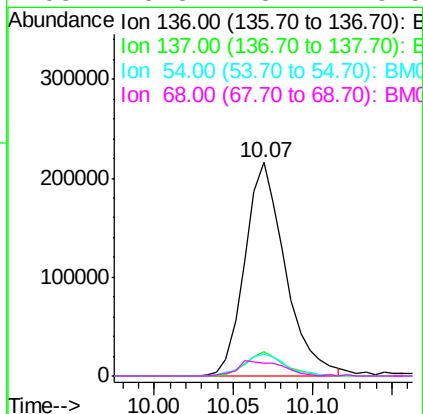
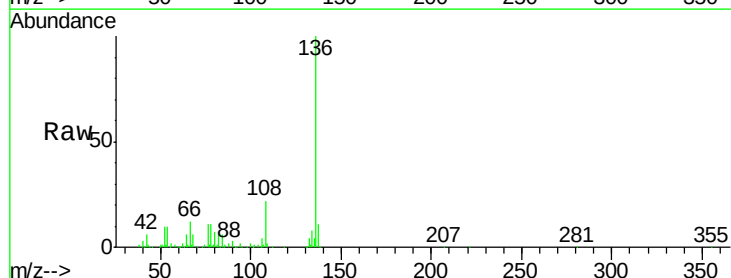
Ion Ratio Lower Upper

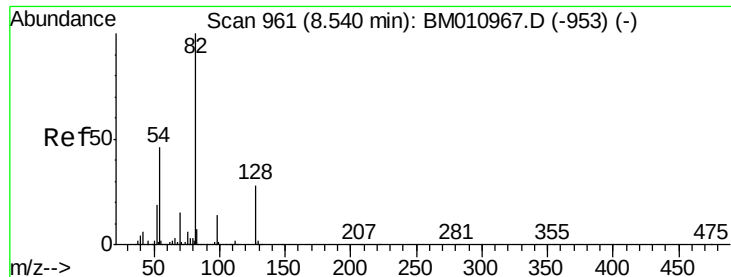
136 100

137 11.3 8.7 13.1

54 10.3 4.6 6.8#

68 5.8 3.7 5.5#

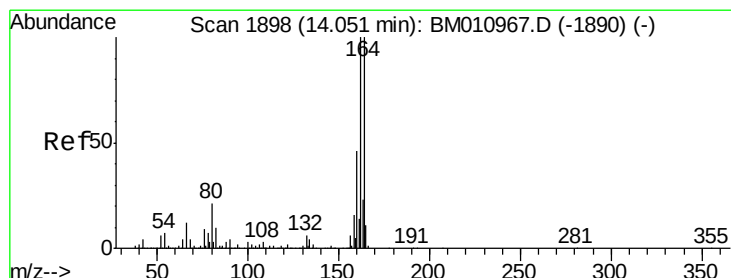
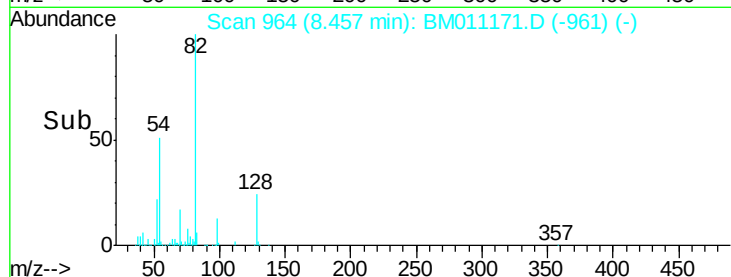
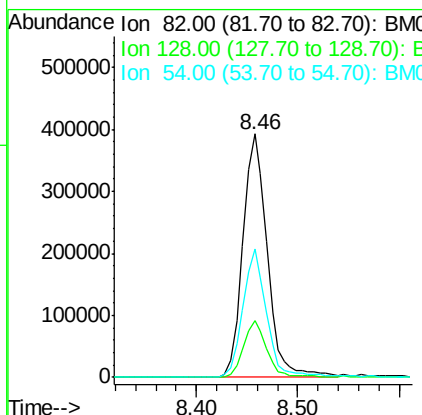
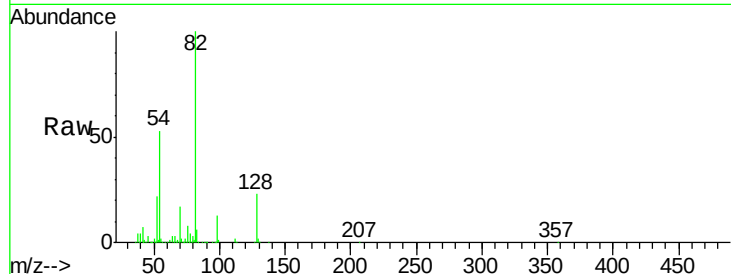




#23
 Nitrobenzene-d5
 Concen: 64.77 ng
 RT: 8.46 min Scan# 964
 Delta R.T. -0.08 min
 Lab File: BM011171.D
 Acq: 08 Aug 2017 02:33

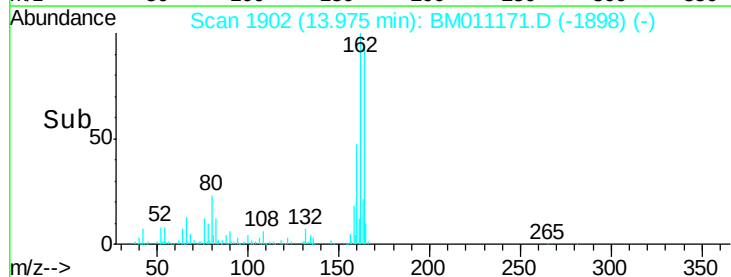
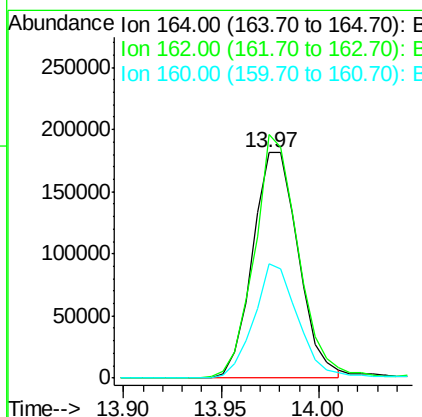
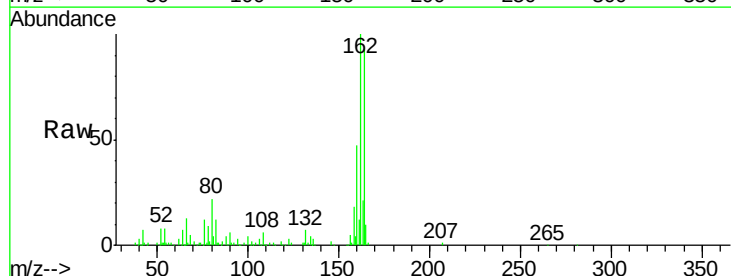
Instrument :
 BNA_M
 ClientSampleId :
 S-STOCKPILE-COMP

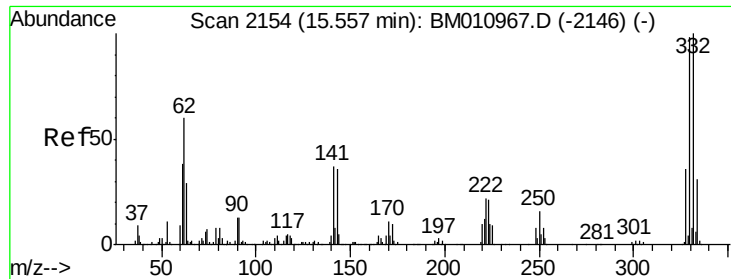
Tot Ion	82	Resp	658456
Ion	Ratio	Lower	Upper
82	100		
128	23.5	32.8	49.2#
54	52.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1902
 Delta R.T. -0.08 min
 Lab File: BM011171.D
 Acq: 08 Aug 2017 02:33

Tgt Ion	164	Resp	294869
Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.4	123.6
160	50.8	35.8	53.6

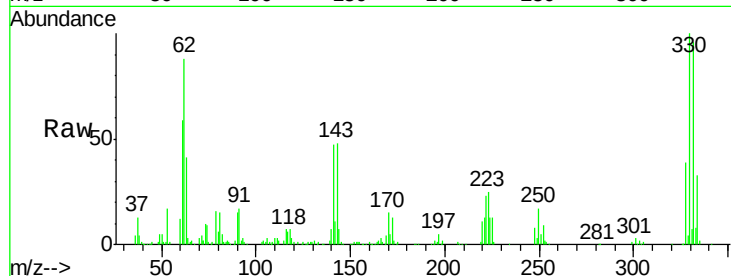




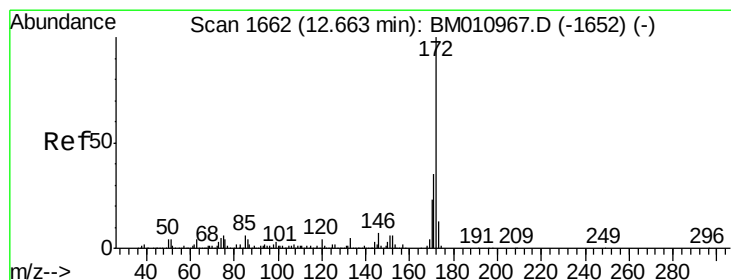
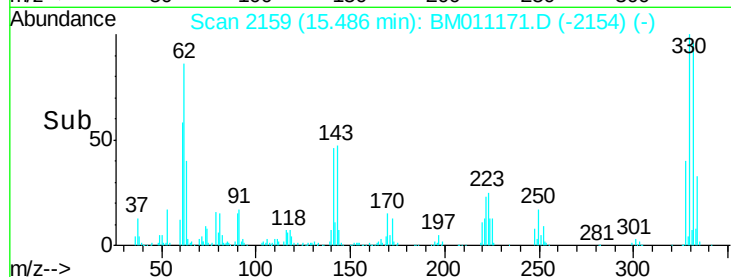
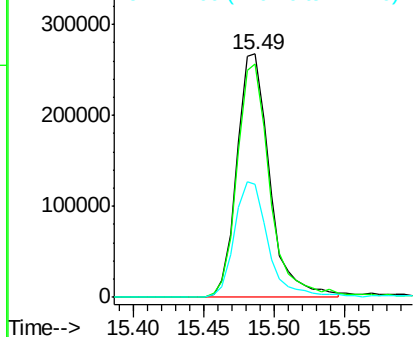
#41
 2,4,6-Tribromophenol
 Concen: 92.44 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011171.D
 Acq: 08 Aug 2017 02:33

Instrument :
 BNA_M
 ClientSampleId :
 S-STOCKPILE-COMP

Tot Ion:330 Resp: 436870
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 48.4 0.0 0.0#

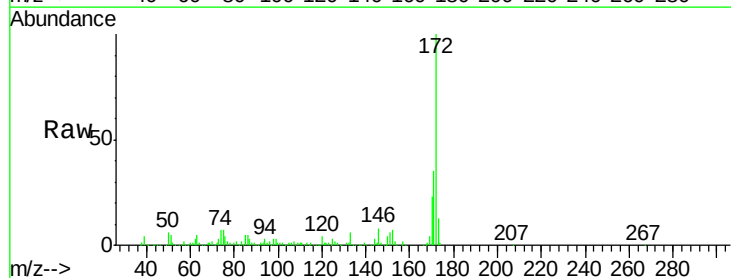


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

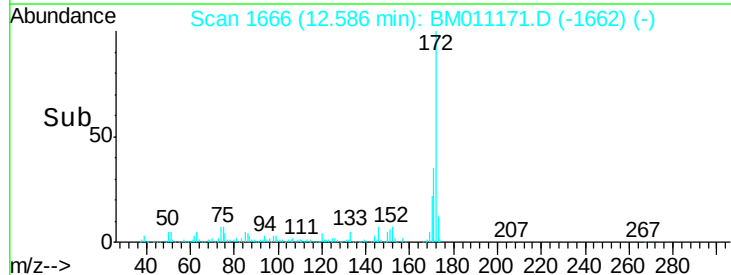
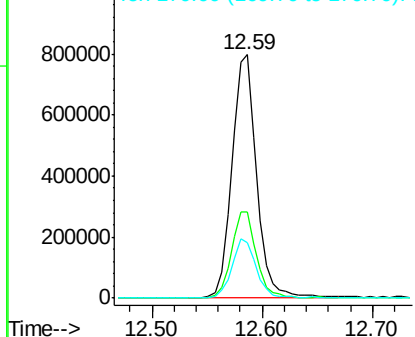


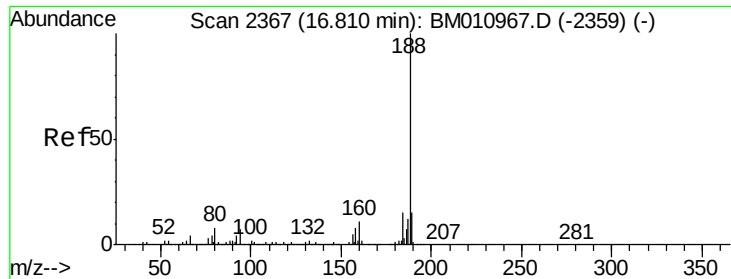
#44
 2-Fluorobiphenyl
 Concen: 53.31 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011171.D
 Acq: 08 Aug 2017 02:33

Tgt Ion:172 Resp: 1253459
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.9 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

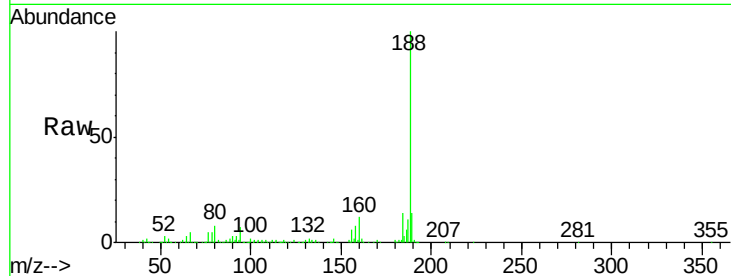




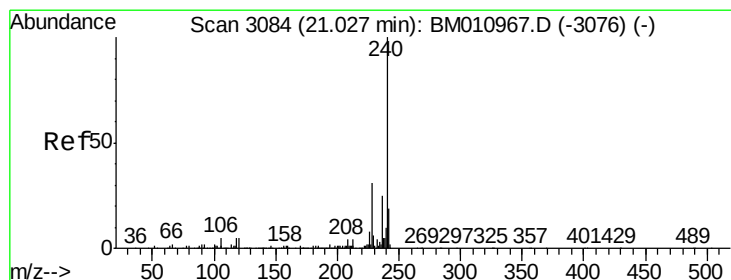
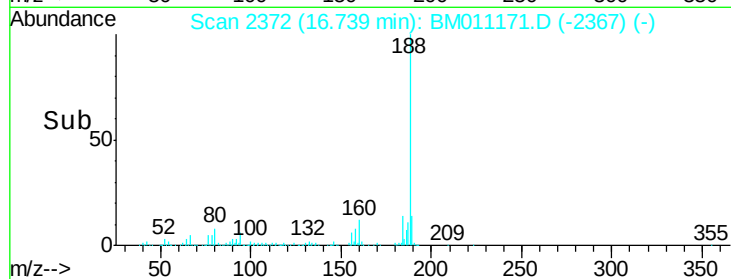
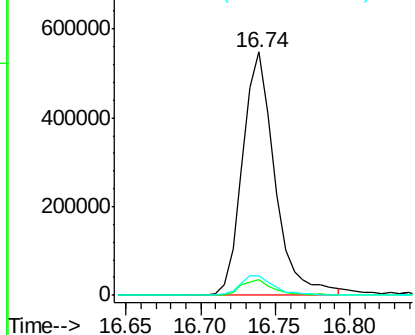
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011171.D
Acq: 08 Aug 2017 02:33

Instrument :
BNA_M
ClientSampleId :
S-STOCKPILE-COMP

Tot Ion:188 Resp: 826053
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 7.8 9.3 13.9#

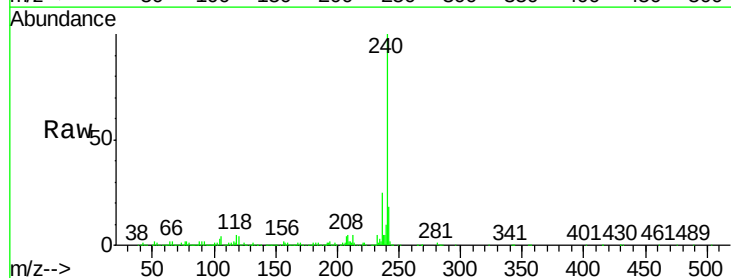


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

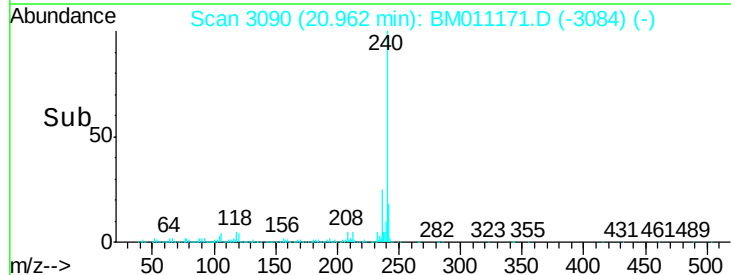
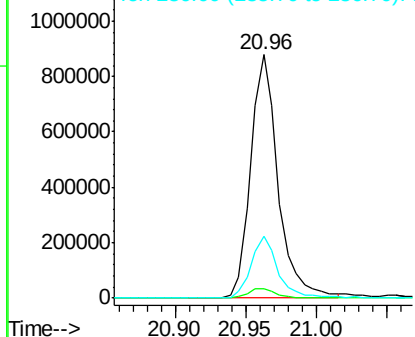


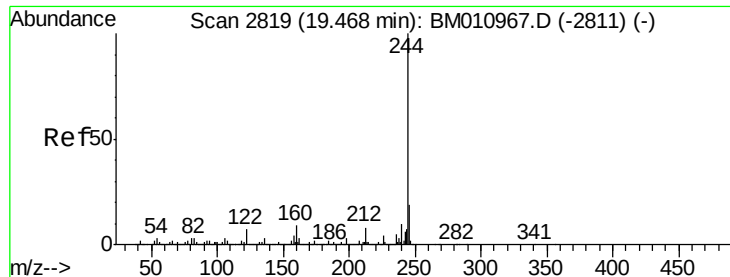
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011171.D
Acq: 08 Aug 2017 02:33

Tgt Ion:240 Resp: 1200297
Ion Ratio Lower Upper
240 100
120 3.7 8.2 12.2#
236 25.4 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: 51.21 ng

RT: 19.40 min Scan# 2825

Delta R.T. -0.06 min

Lab File: BM011171.D

Acq: 08 Aug 2017 02:33

Instrument :

BNA_M

ClientSampleId :

S-STOCKPILE-COMP

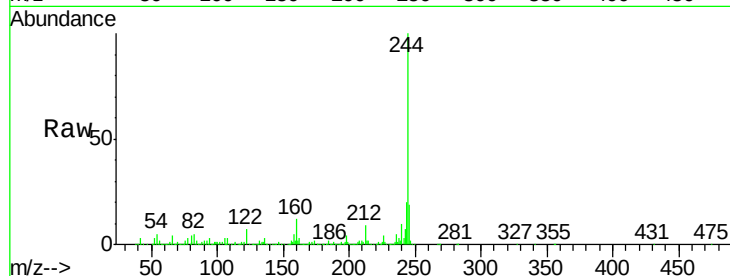
Tot Ion:244 Resp: 3103053

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

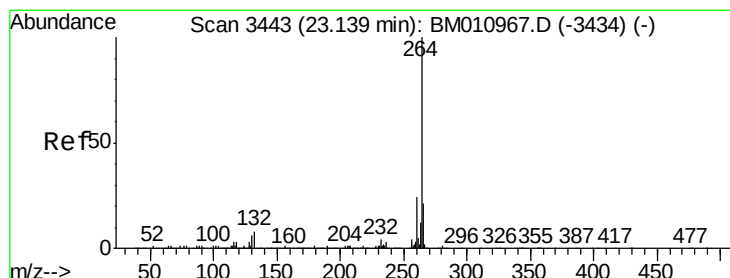
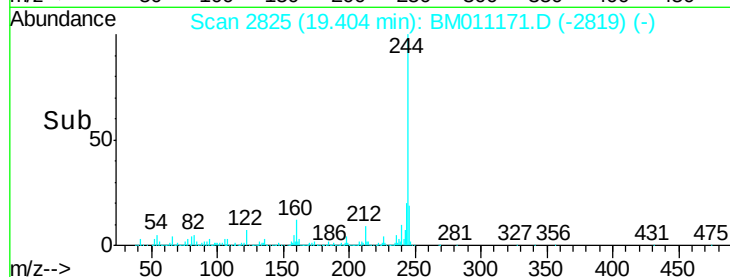
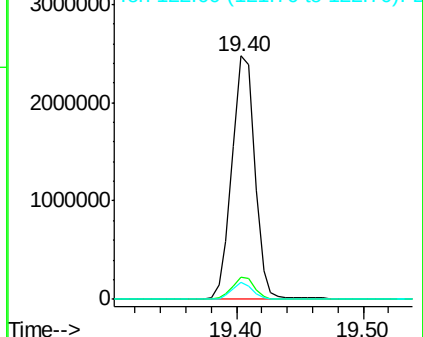
122 6.9 6.2 9.4



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: 20.00 ng

RT: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011171.D

Acq: 08 Aug 2017 02:33

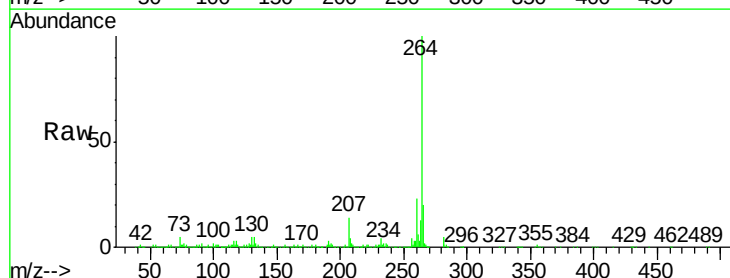
Tgt Ion:264 Resp: 1281950

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.3 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

