

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011086.D
 Acq On : 01 Aug 2017 17:26
 Operator : SJ/JU
 Sample : I4497-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Aug 02 01:05:34 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	7.38	152	166081	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	599871	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	388107	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	980803	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	927084	20.00	ng	-0.01
86) Perylene-d12	23.13	264	806817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	902932	91.90	ng	0.00
7) Phenol-d6	6.58	99	1145113	82.03	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1204980	75.39	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	598246	96.17	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2113609	68.30	ng	-0.01
78) Terphenyl-d14	19.46	244	3483710	74.44	ng	0.00

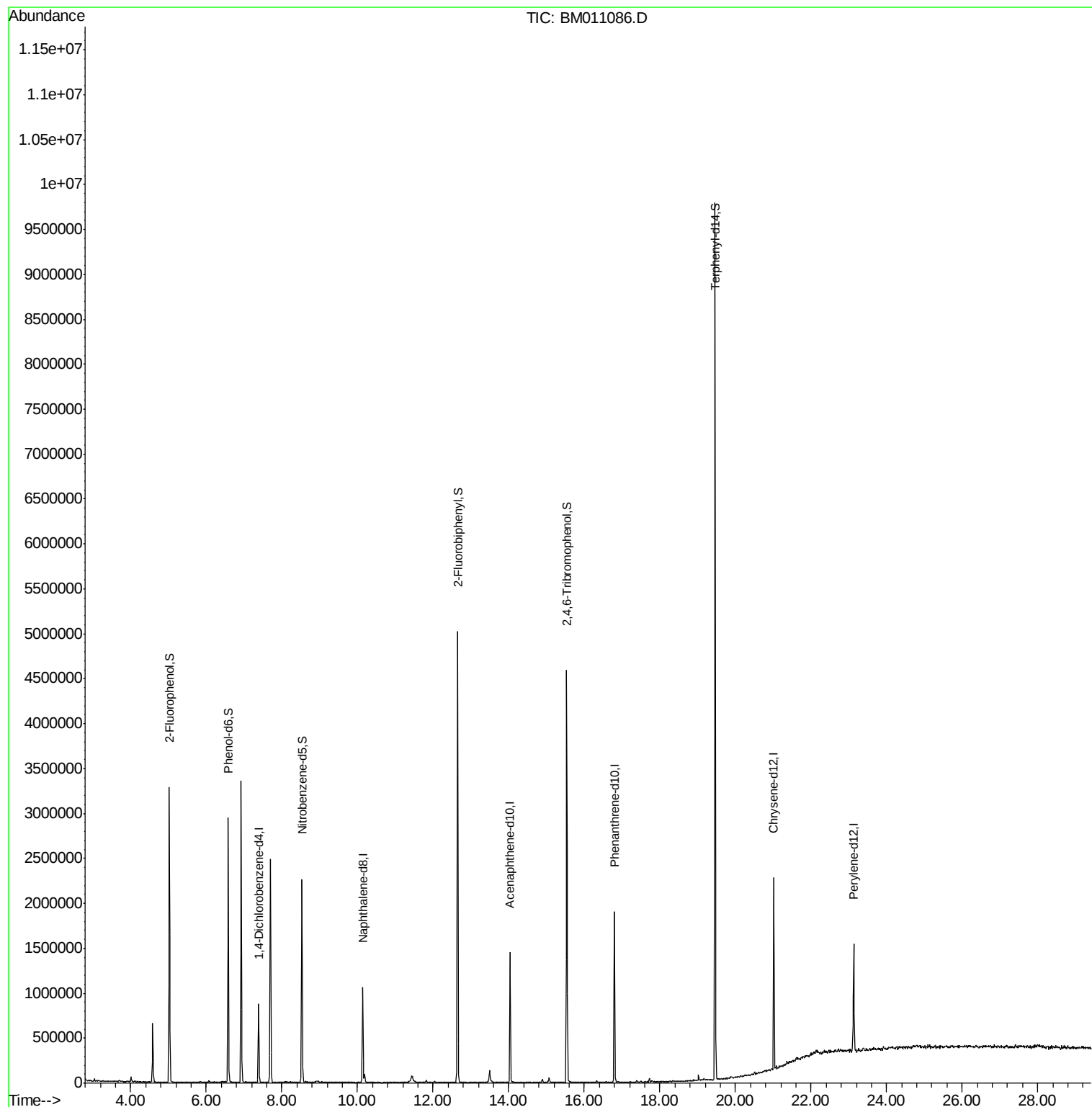
Target Compounds Qvalue

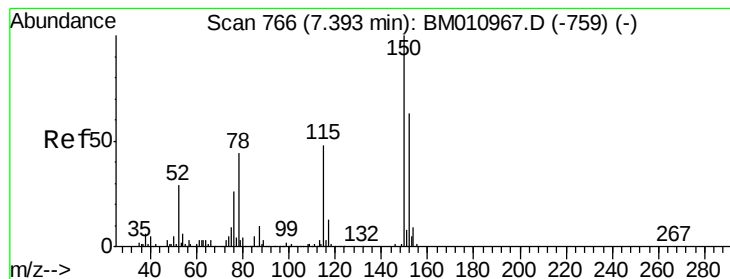
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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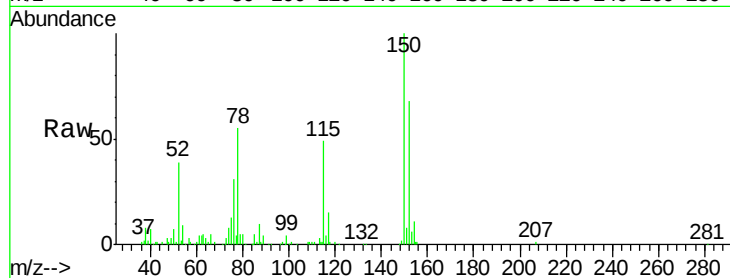


#1

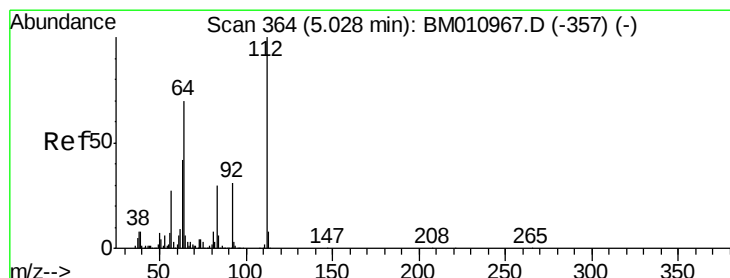
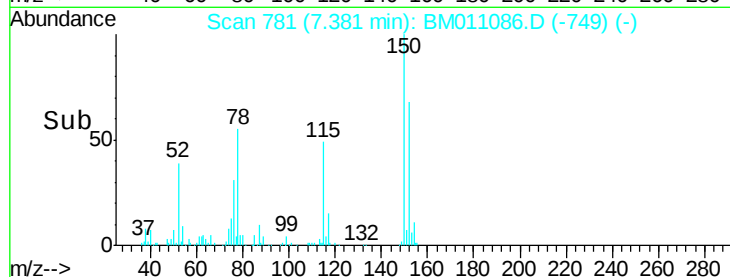
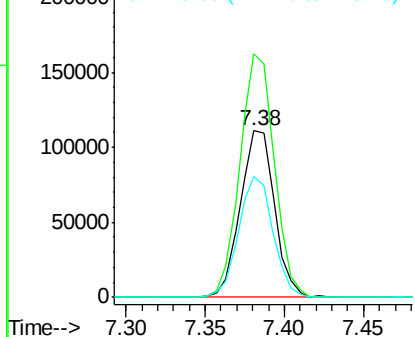
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011086.D
Acq: 01 Aug 2017 17:26

Instrument :
BNA_M
ClientSampleId :
TP-1

Tot Ion:152 Resp: 166081
Ion Ratio Lower Upper
152 100
150 146.1 119.5 179.3
115 72.3 43.0 64.4#



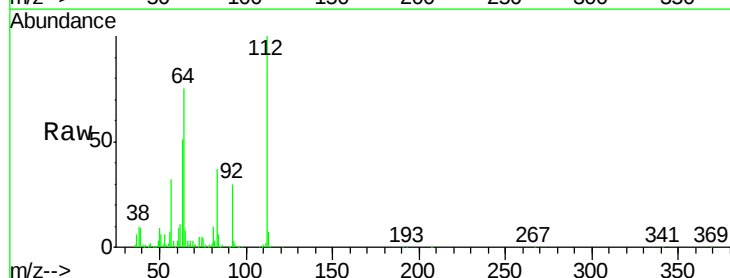
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



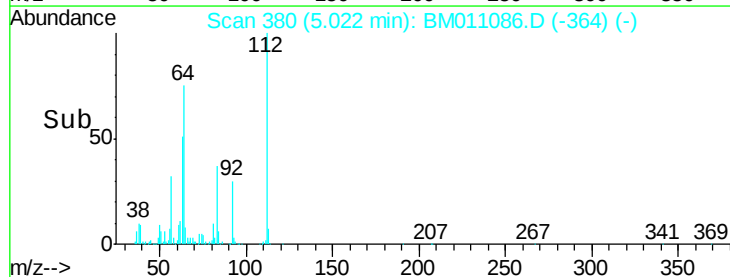
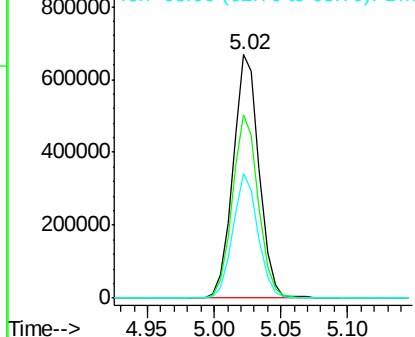
#5

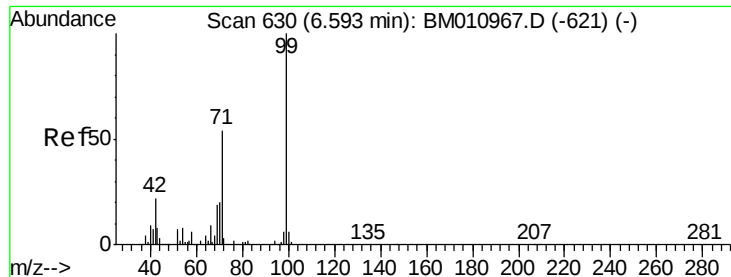
2-Fluorophenol
Concen: 91.90 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011086.D
Acq: 01 Aug 2017 17:26

Tgt Ion:112 Resp: 902932
Ion Ratio Lower Upper
112 100
64 75.4 38.6 57.8#
63 51.2 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: 82.03 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011086.D

Acq: 01 Aug 2017 17:26

Instrument :

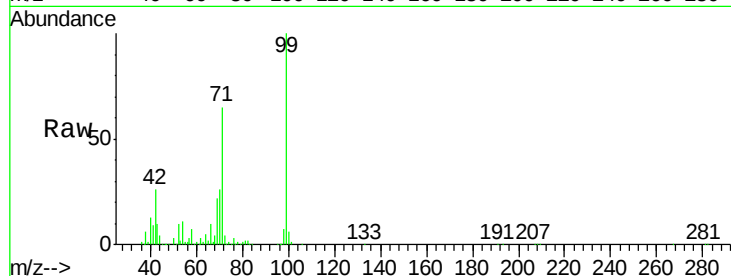
BNA_M

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 1145113

Ion	Ratio	Lower	Upper
99	100		
42	25.9	11.0	16.4#
71	65.4	23.4	35.2#

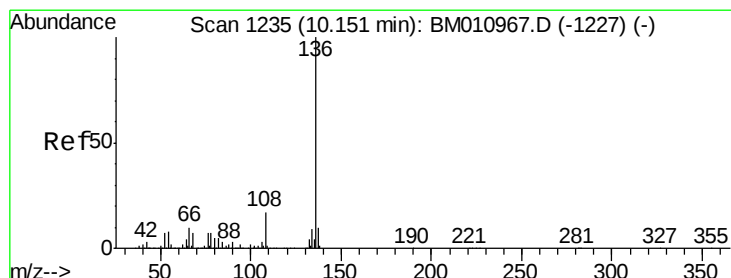
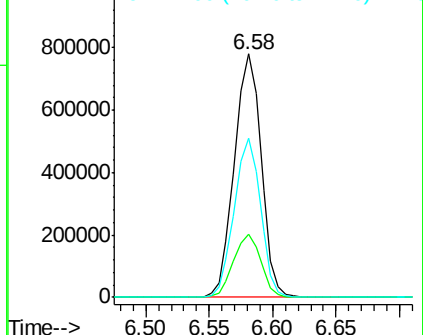
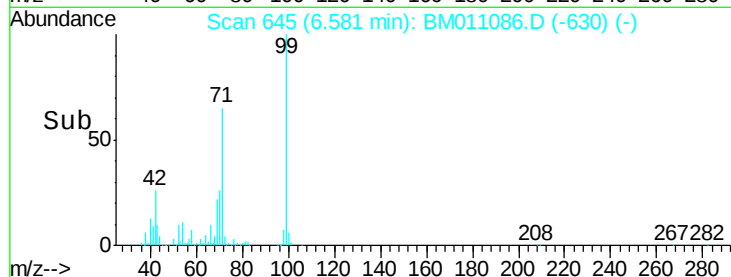


Abundance

Ion 99.00 (98.70 to 99.70): BM011086.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011086.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011086.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.14 min Scan# 1250

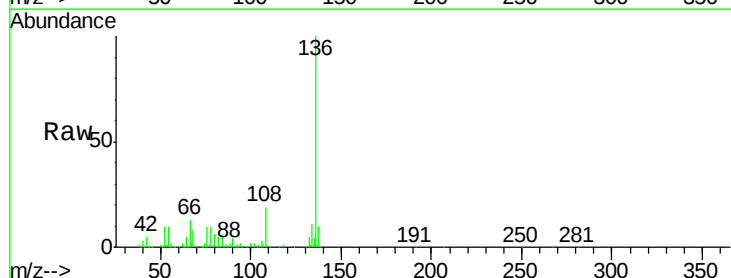
Delta R.T. -0.01 min

Lab File: BM011086.D

Acq: 01 Aug 2017 17:26

Tgt Ion: 136 Resp: 599871

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	10.1	4.6	6.8#
68	8.1	3.7	5.5#



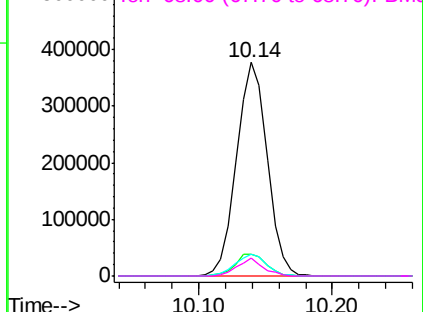
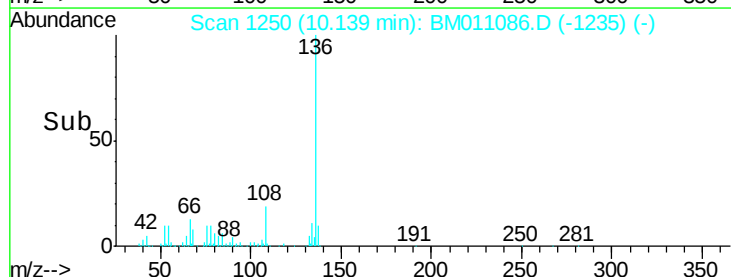
Abundance

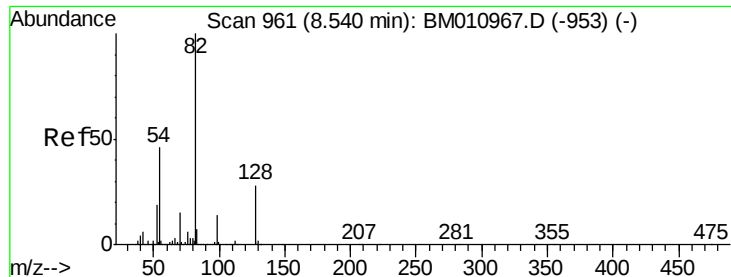
Ion 136.00 (135.70 to 136.70): BM011086.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011086.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011086.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011086.D (-1235) (-)

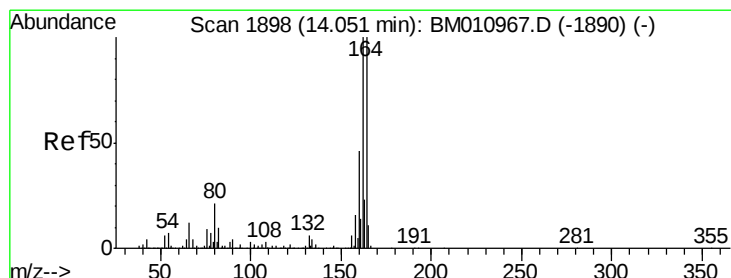
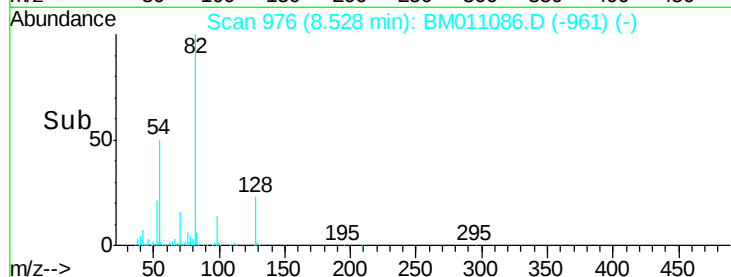
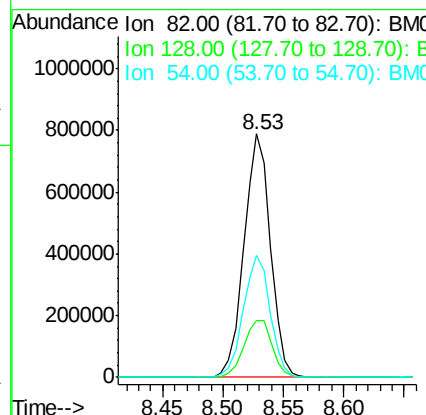
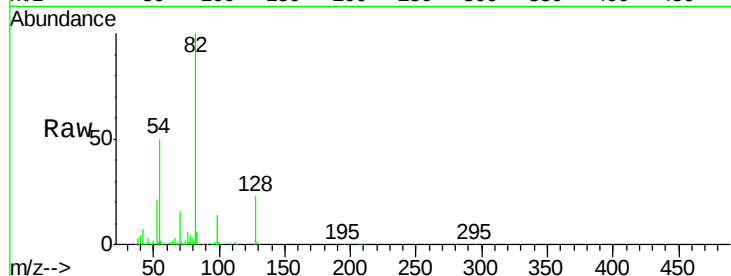




#23
 Nitrobenzene-d5
 Concen: 75.39 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011086.D
 Acq: 01 Aug 2017 17:26

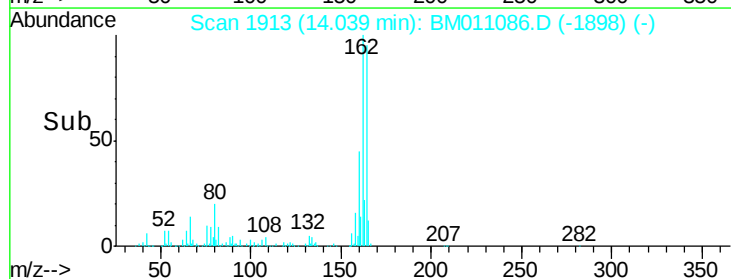
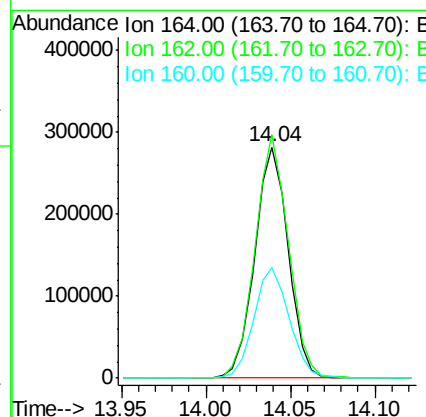
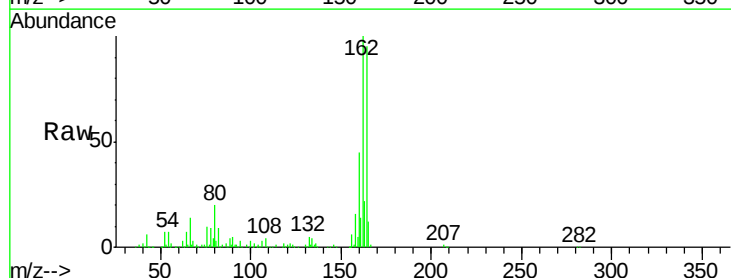
Instrument :
 BNA_M
 ClientSampled :
 TP-1

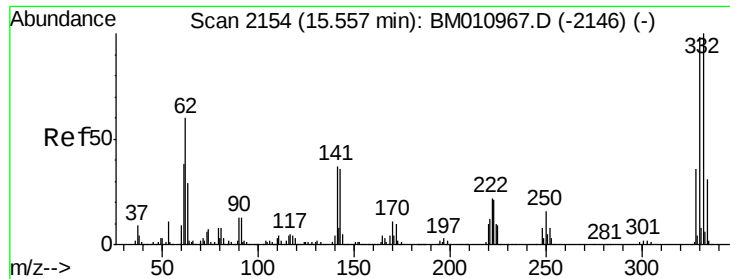
Tot Ion: 82 Resp: 1204980
 Ion Ratio Lower Upper
 82 100
 128 23.4 32.8 49.2#
 54 50.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011086.D
 Acq: 01 Aug 2017 17:26

Tgt Ion: 164 Resp: 388107
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 47.7 35.8 53.6

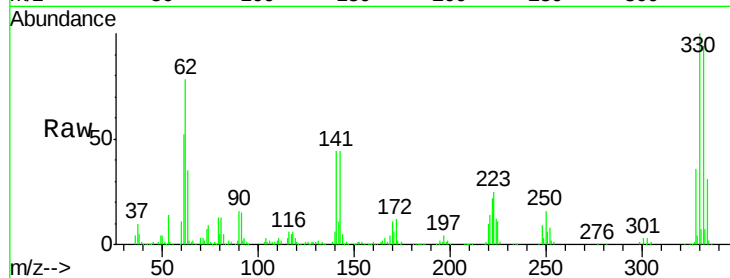




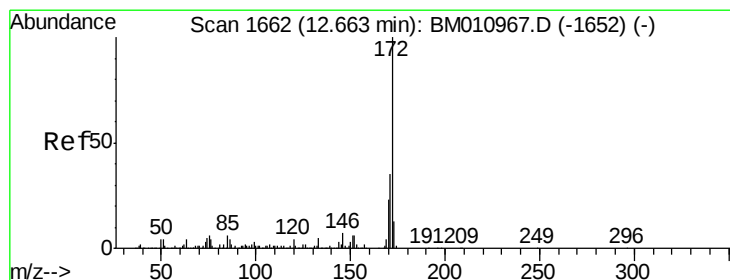
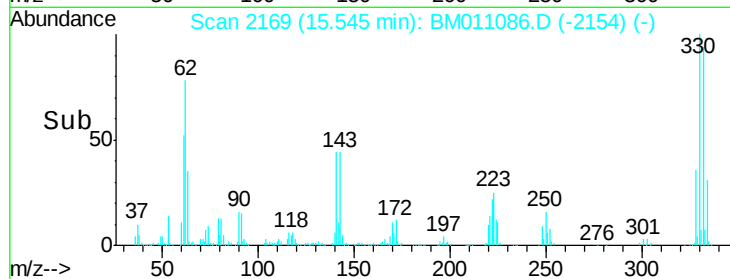
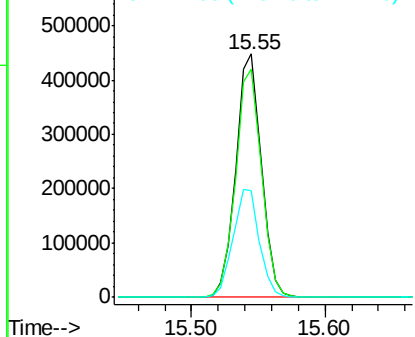
#41
 2,4,6-Tribromophenol
 Concen: 96.17 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011086.D
 Acq: 01 Aug 2017 17:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	46.0	0.0	0.0#

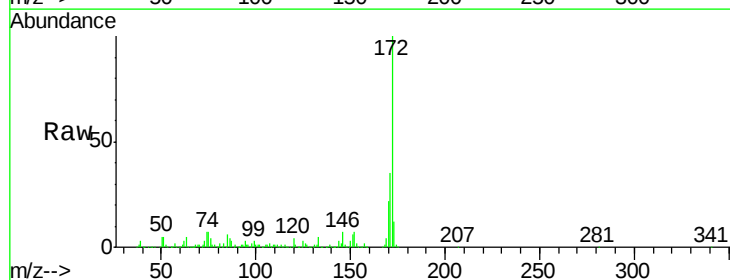


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

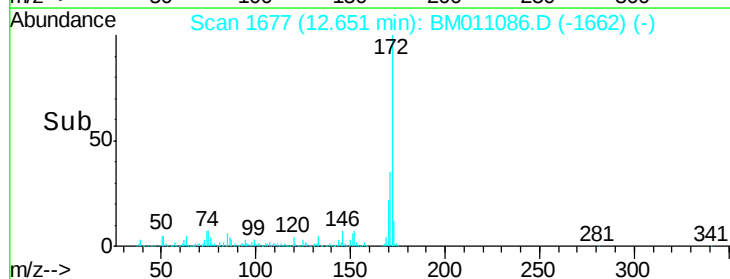
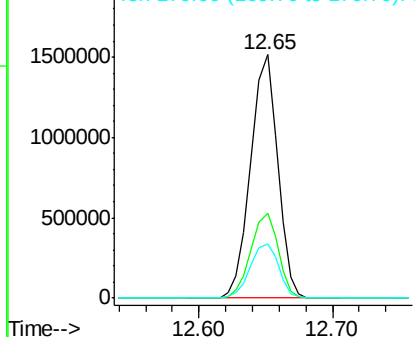


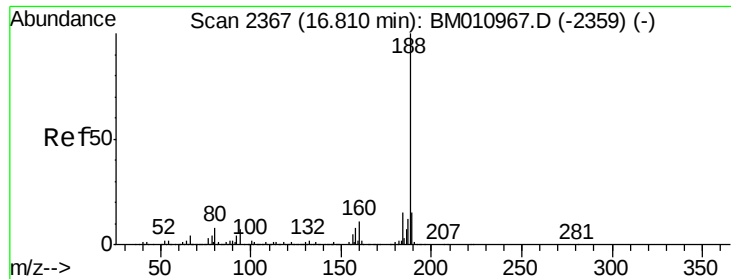
#44
 2-Fluorobiphenyl
 Concen: 68.30 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011086.D
 Acq: 01 Aug 2017 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.4	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

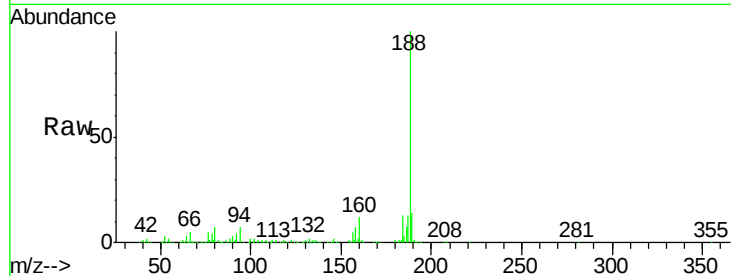




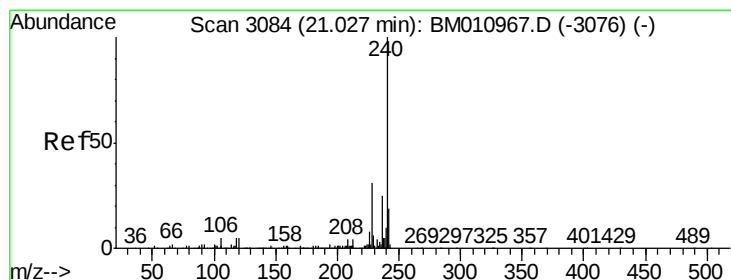
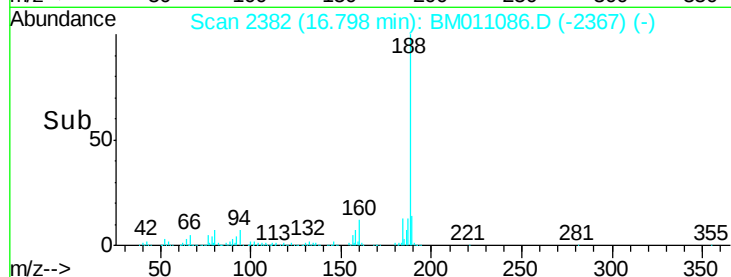
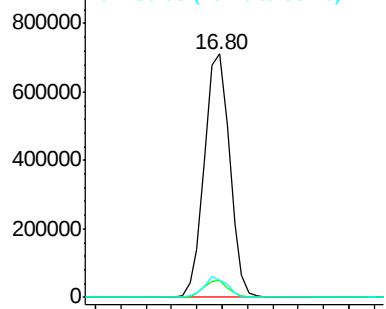
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011086.D
Acq: 01 Aug 2017 17:26

Instrument :
BNA_M
ClientSampleId :
TP-1

Tot Ion:188 Resp: 980803
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 7.0 9.3 13.9#

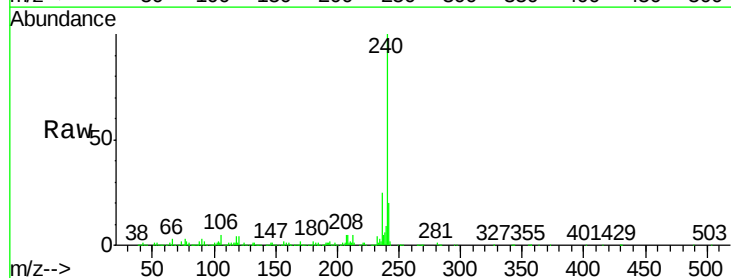


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

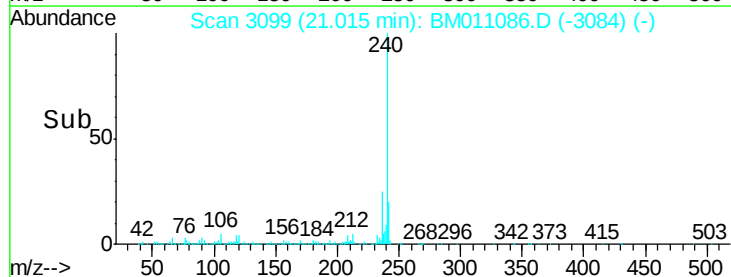
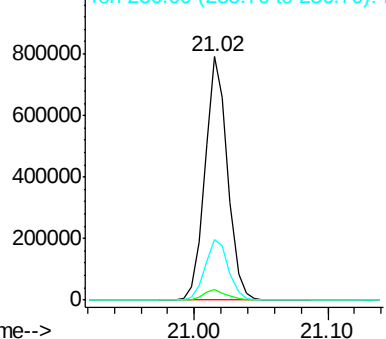


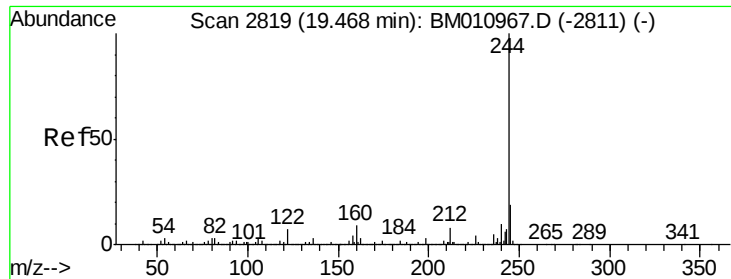
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011086.D
Acq: 01 Aug 2017 17:26

Tgt Ion:240 Resp: 927084
Ion Ratio Lower Upper
240 100
120 4.5 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: 74.44 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011086.D

Acq: 01 Aug 2017 17:26

Instrument :

BNA_M

ClientSampleId :

TP-1

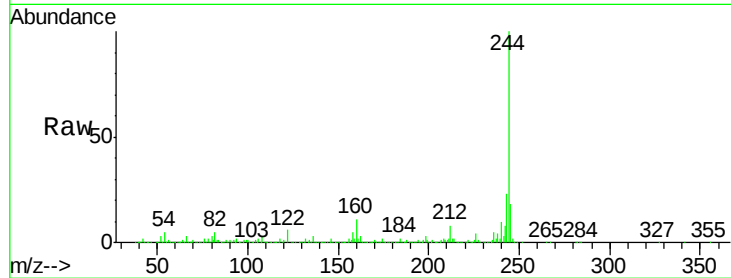
Tot Ion:244 Resp: 3483710

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

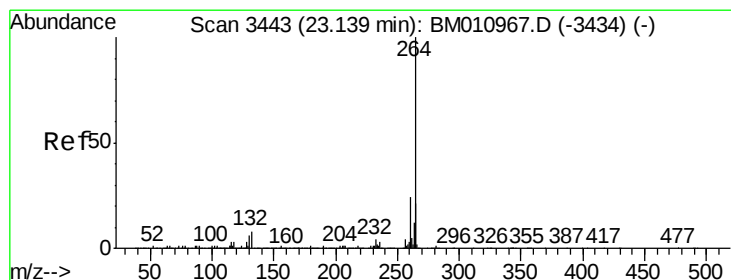
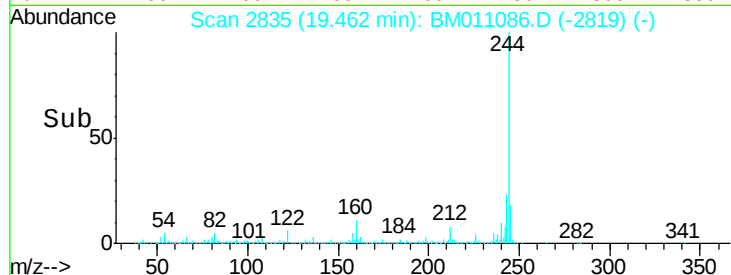
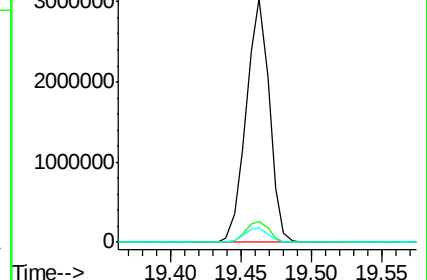
122 5.8 6.2 9.4#



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: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011086.D

Acq: 01 Aug 2017 17:26

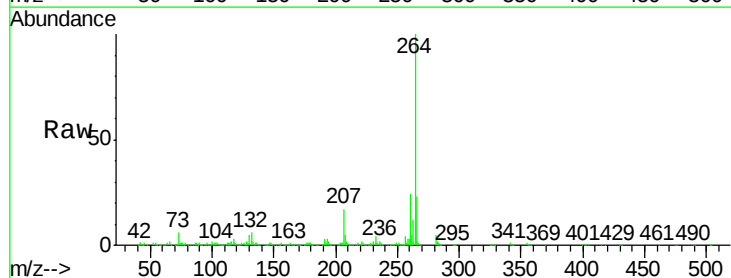
Tgt Ion:264 Resp: 806817

Ion Ratio Lower Upper

264 100

260 23.9 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

