

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011185.D
 Acq On : 09 Aug 2017 21:33
 Operator : SJ/JU
 Sample : I4655-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP8N-WC1

Quant Time: Aug 10 02:23:59 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	7.30	152	136012	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	455548	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	291386	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	711100	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	974532	20.00	ng	-0.08
86) Perylene-d12	23.02	264	983137	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1122312	139.49	ng	-0.09
7) Phenol-d6	6.50	99	1412725	123.58	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1455804	119.94	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	681754	145.98	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2345981	100.97	ng	-0.09
78) Terphenyl-d14	19.39	244	4306438	87.53	ng	-0.08

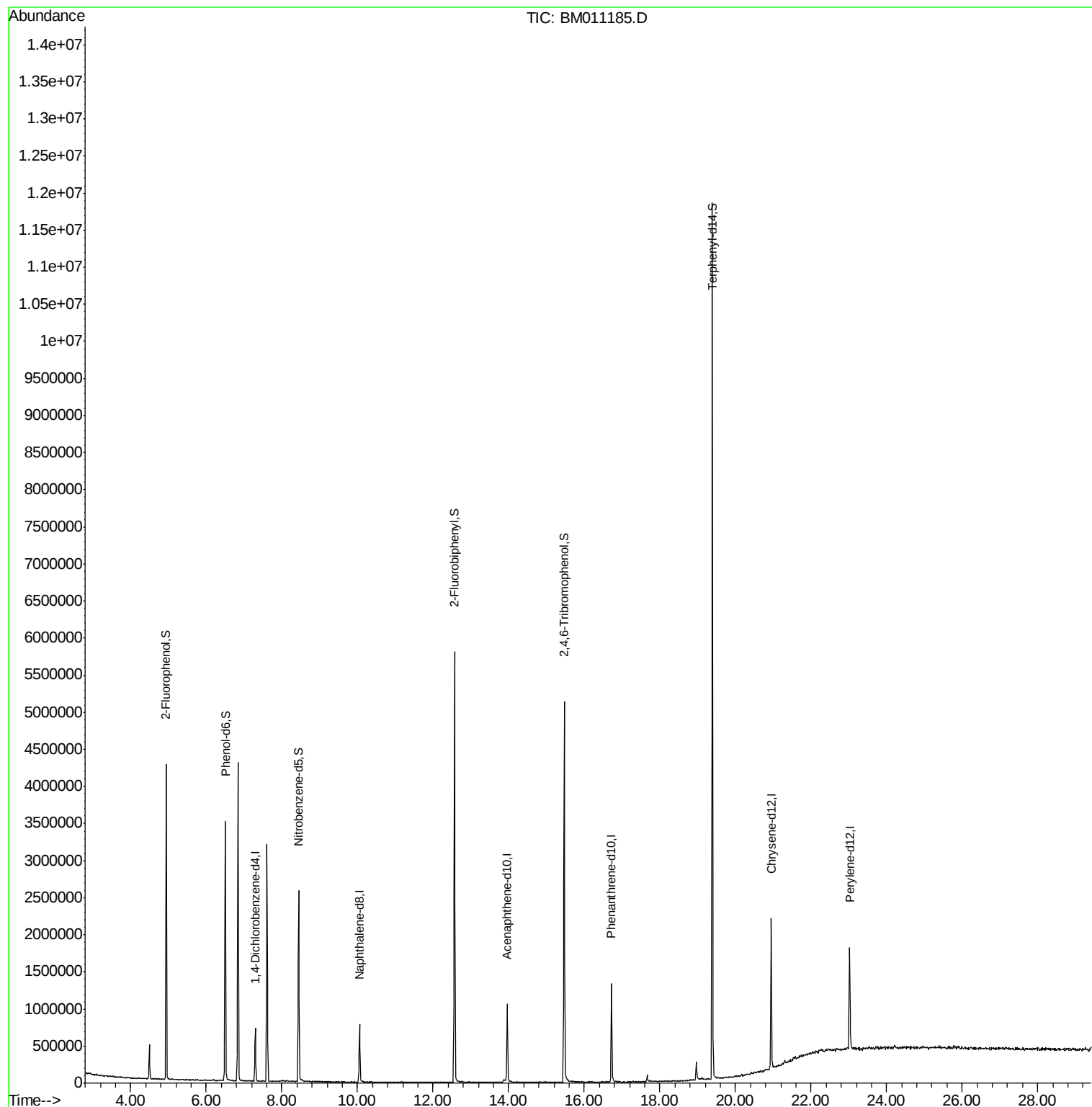
Target Compounds Qvalue

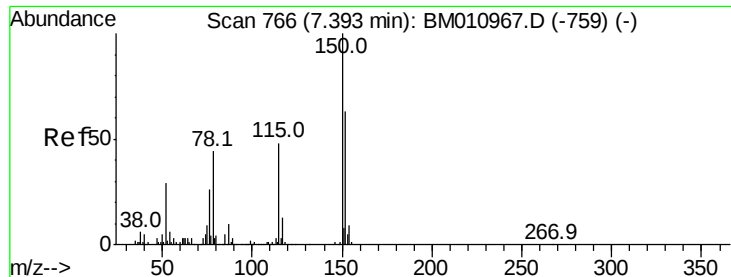
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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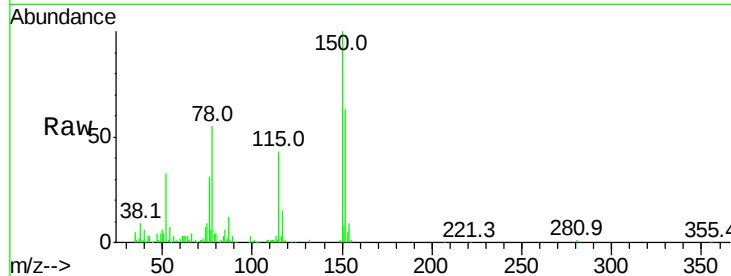


#1

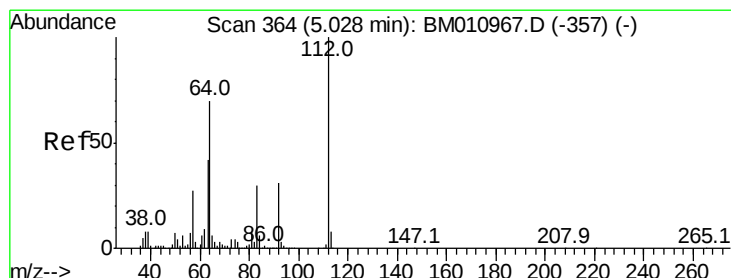
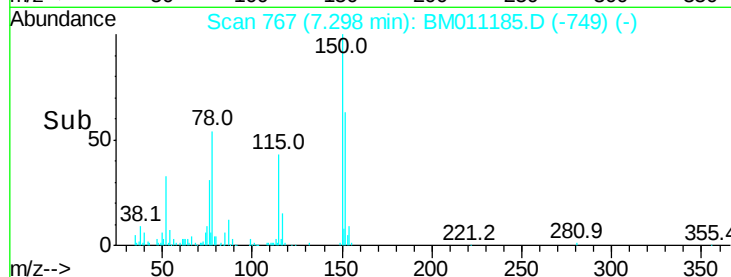
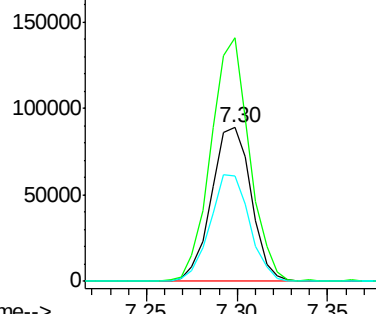
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011185.D
Acq: 09 Aug 2017 21:33

Instrument :
BNA_M
ClientSampleId :
TP8N-WC1

Tot Ion:152 Resp: 136012
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 68.7 43.0 64.4#



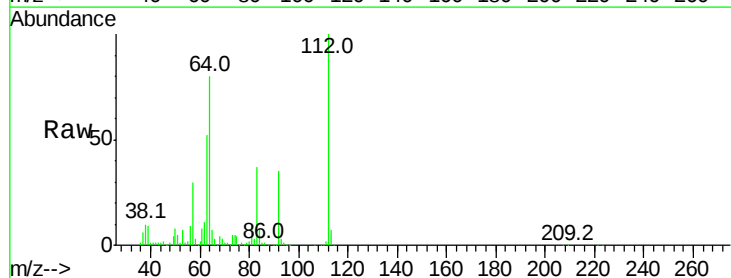
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



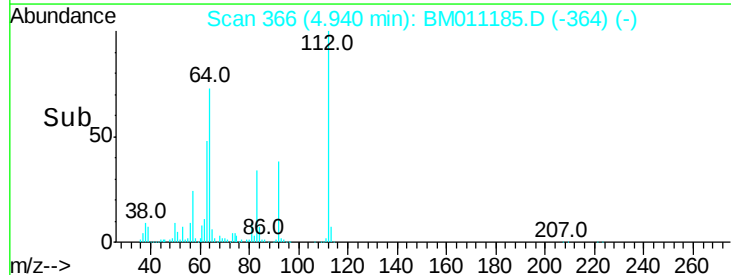
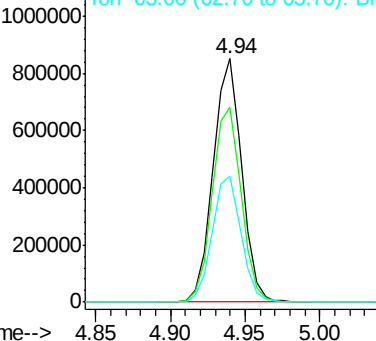
#5

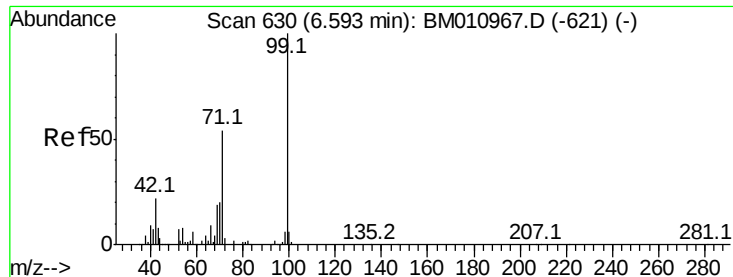
2-Fluorophenol
Concen: 139.488 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011185.D
Acq: 09 Aug 2017 21:33

Tgt Ion:112 Resp: 1122312
Ion Ratio Lower Upper
112 100
64 80.1 38.6 57.8#
63 51.7 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: 123.578 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.09 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

Instrument :

BNA_M

ClientSampleId :

TP8N-WC1

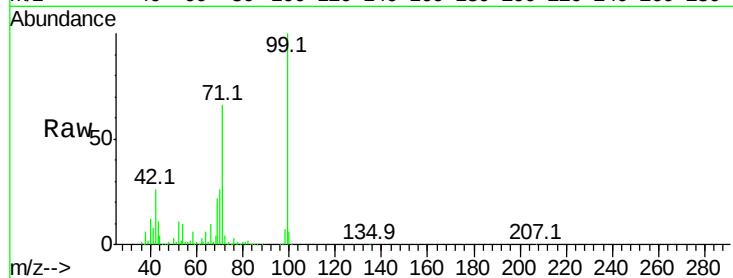
Tot Ion: 99 Resp: 1412725

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

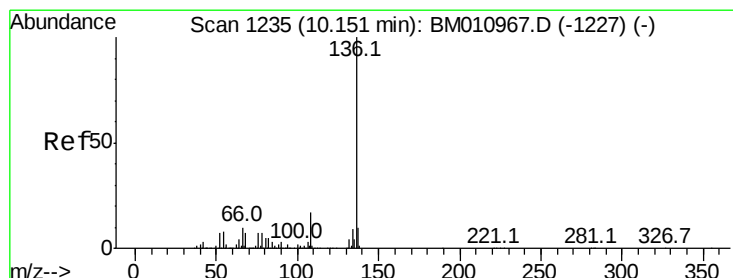
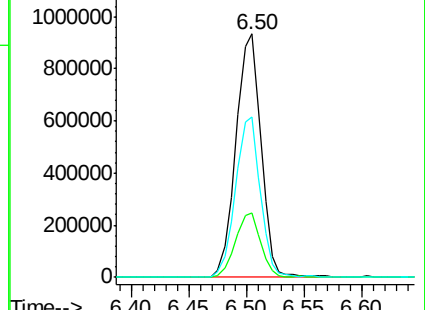
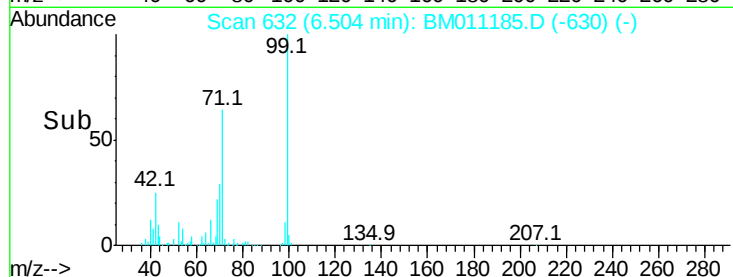
71 65.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

Tgt Ion: 136 Resp: 455548

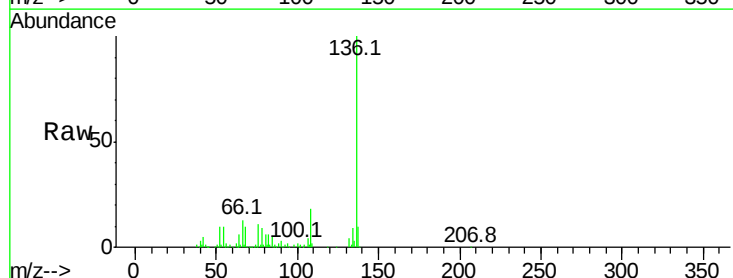
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 10.4 4.6 6.8#

68 9.9 3.7 5.5#

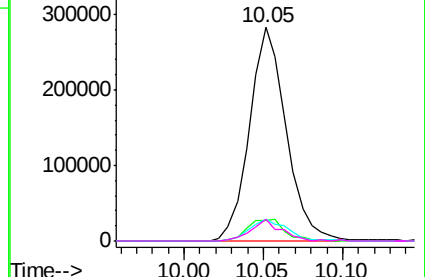
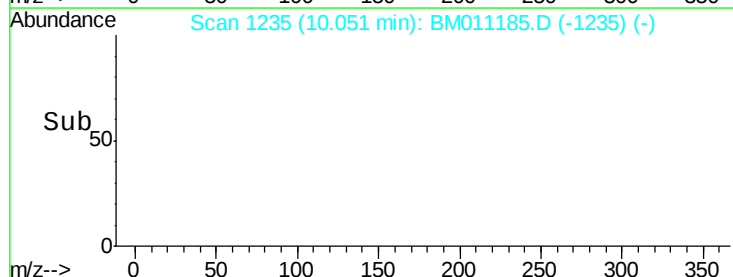


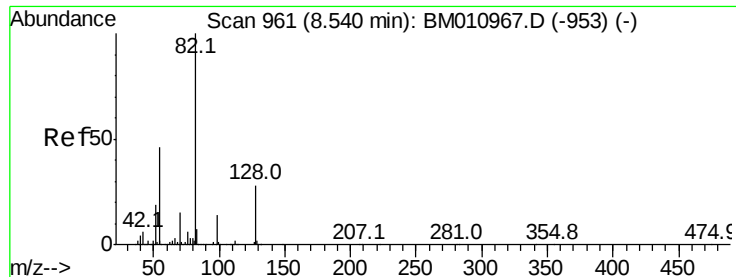
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

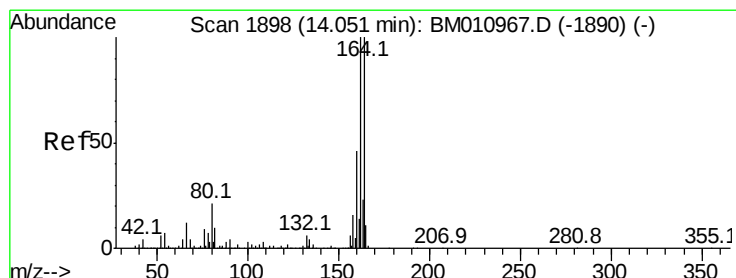
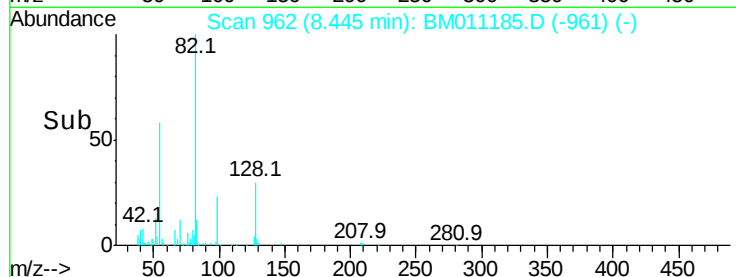
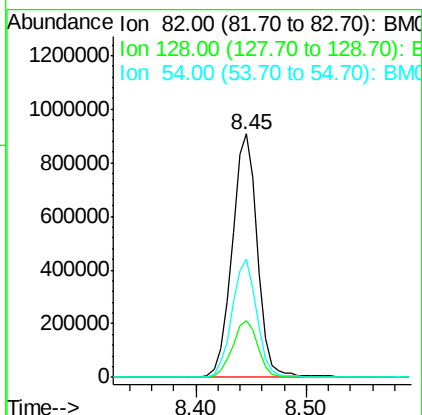
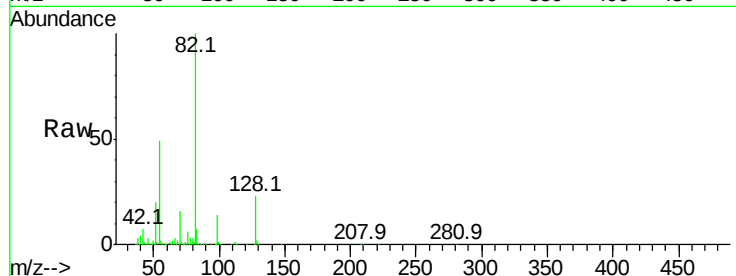




#23
Nitrobenzene-d5
Concen: 119.941 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.09 min
Lab File: BM011185.D
Acq: 09 Aug 2017 21:33

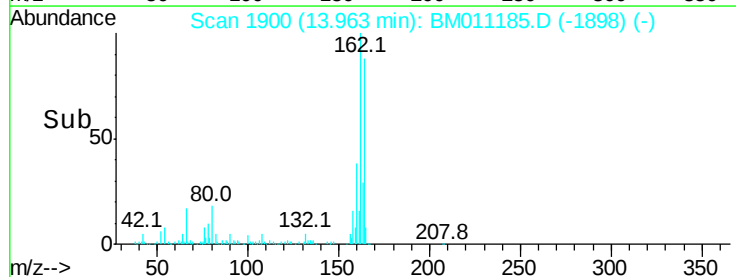
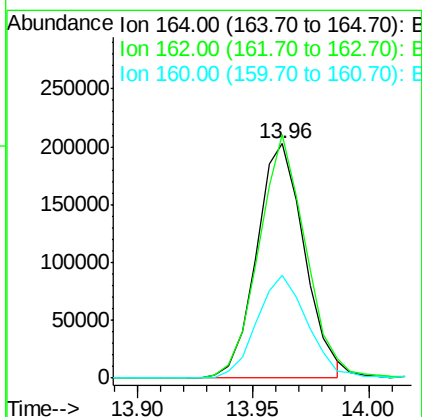
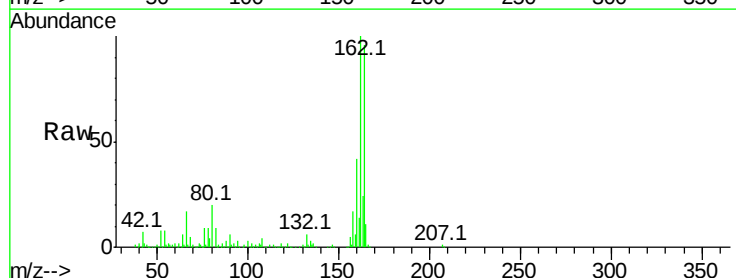
Instrument :
BNA_M
ClientSampleId :
TP8N-WC1

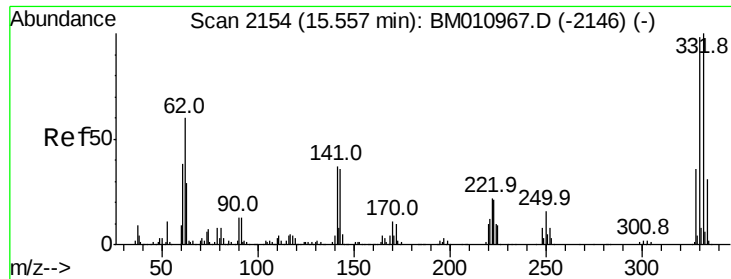
Tot Ion: 82 Resp: 1455804
Ion Ratio Lower Upper
82 100
128 23.4 32.8 49.2#
54 48.7 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. -0.09 min
Lab File: BM011185.D
Acq: 09 Aug 2017 21:33

Tgt Ion:164 Resp: 291386
Ion Ratio Lower Upper
164 100
162 104.0 82.4 123.6
160 44.2 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 145.976 ng

RT: 15.47 min Scan# 2156

Delta R.T. -0.09 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

Instrument :

BNA_M

ClientSampled :

TP8N-WC1

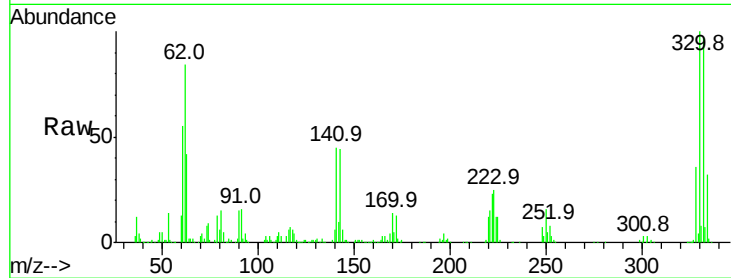
Tot Ion:330 Resp: 681754

Ion Ratio Lower Upper

330 100

332 98.1 0.0 0.0#

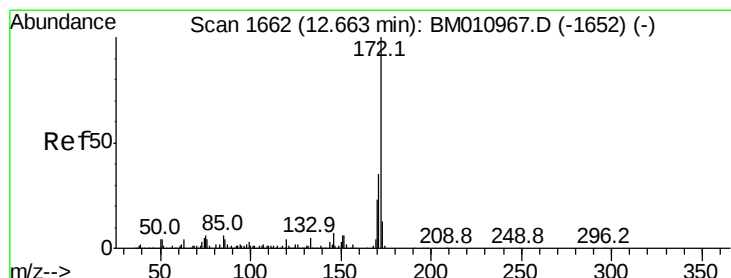
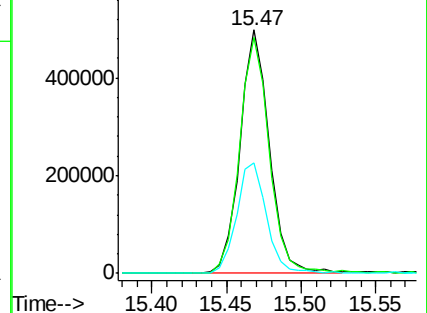
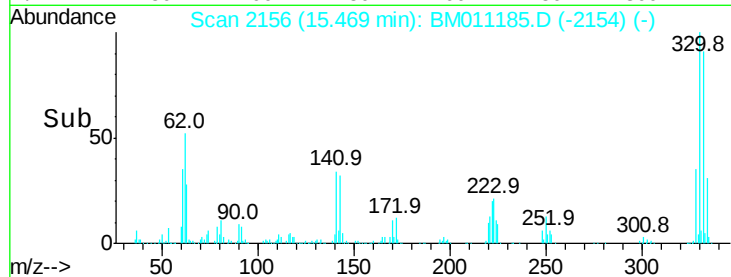
141 46.6 0.0 0.0#



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: 100.972 ng

RT: 12.57 min Scan# 1663

Delta R.T. -0.09 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

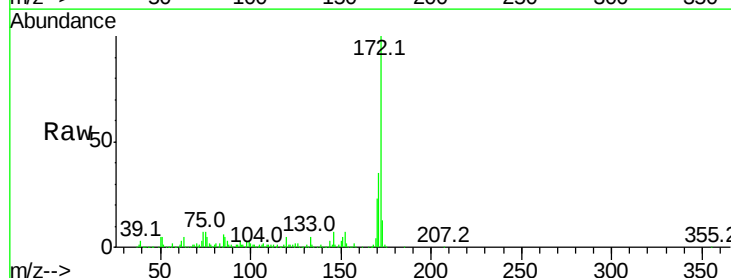
Tgt Ion:172 Resp: 2345981

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

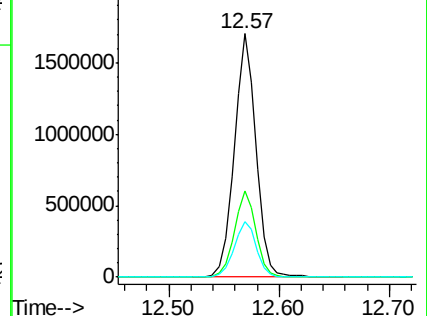
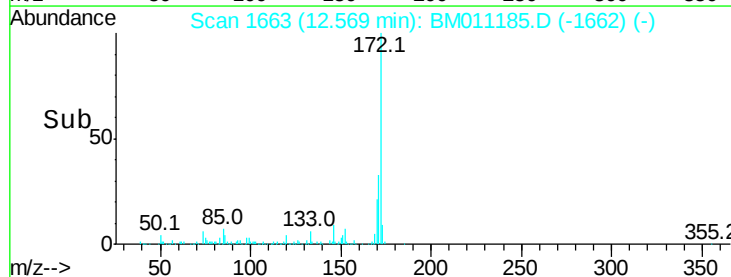
170 22.9 18.8 28.2

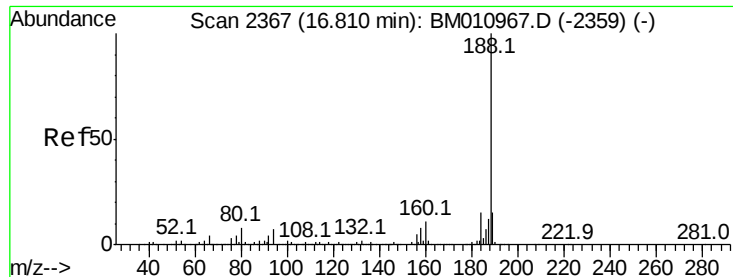


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.72 min Scan# 2369

Delta R.T. -0.09 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

Instrument :

BNA_M

ClientSampleId :

TP8N-WC1

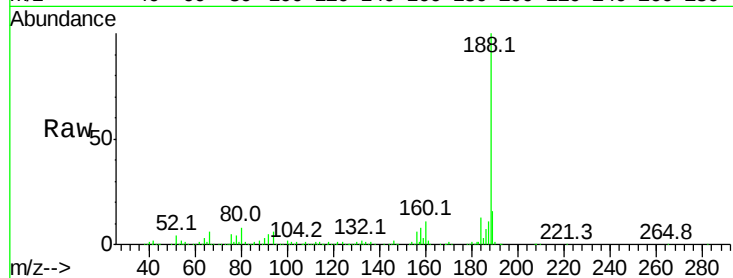
Tot Ion:188 Resp: 711100

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

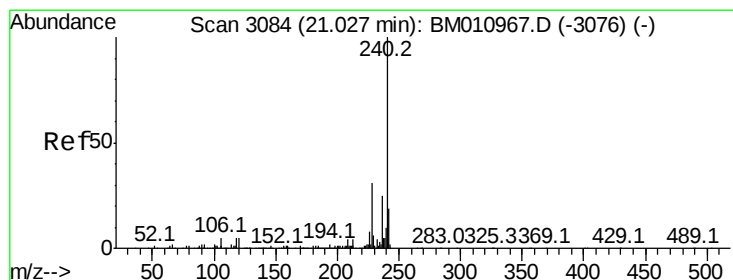
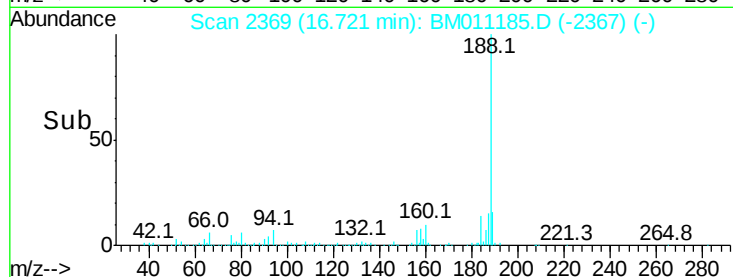
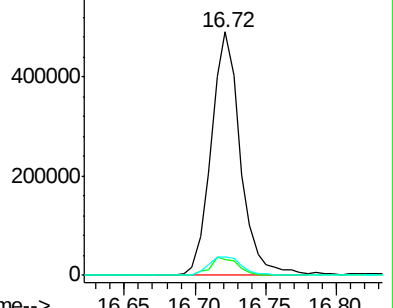
80 7.6 9.3 13.9#



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: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

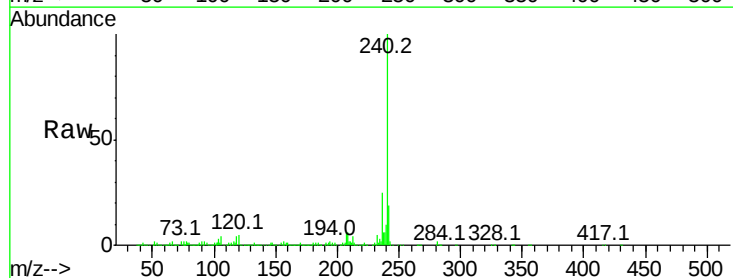
Tgt Ion:240 Resp: 974532

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

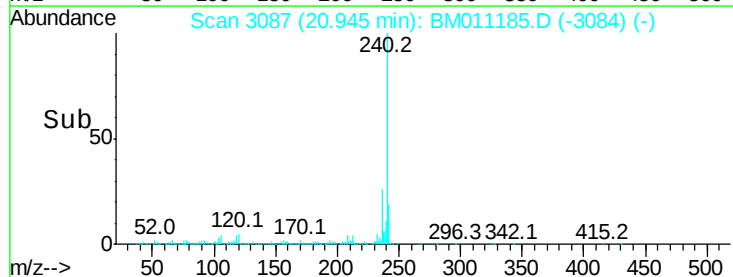
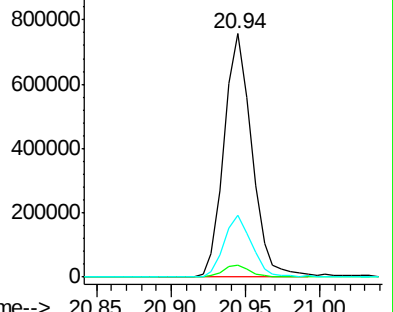
236 25.3 20.0 30.0

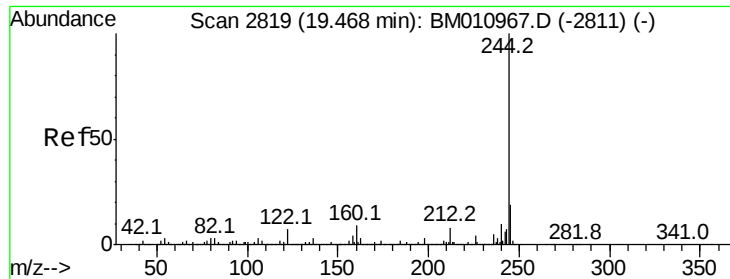


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.534 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

Instrument :

BNA_M

ClientSampleId :

TP8N-WC1

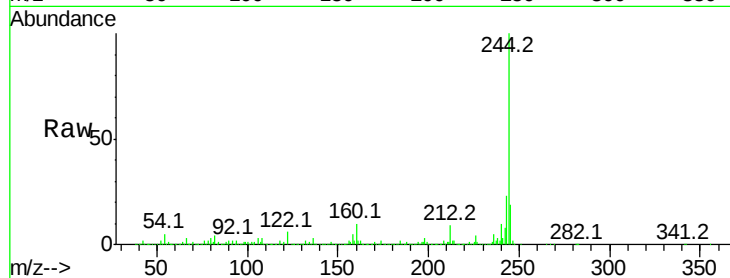
Tot Ion:244 Resp: 4306438

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

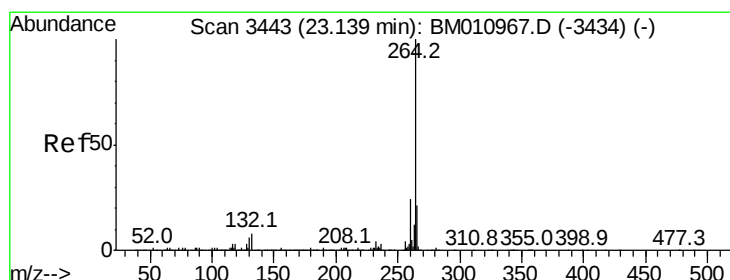
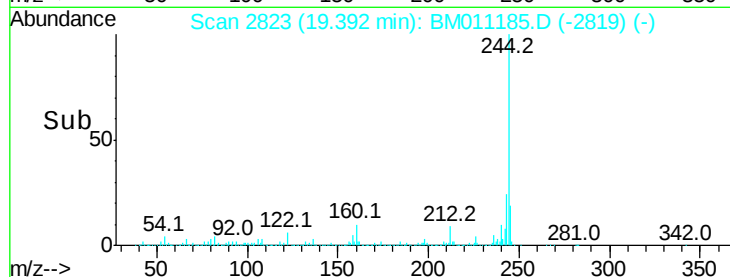
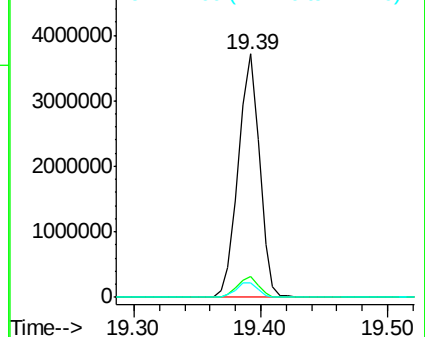
122 6.0 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011185.D

Acq: 09 Aug 2017 21:33

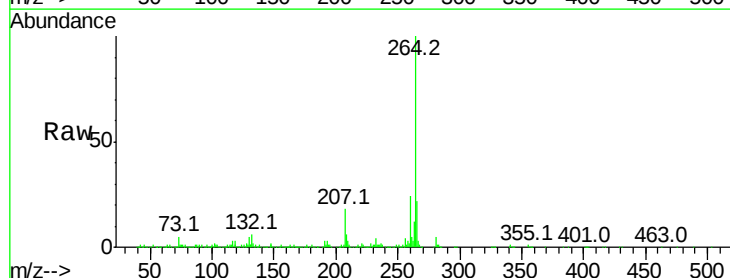
Tgt Ion:264 Resp: 983137

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.2 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

