

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011143.D
 Acq On : 05 Aug 2017 15:42
 Operator : SJ/JU
 Sample : I4562-24RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-HRE

Quant Time: Aug 06 01:46:37 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	127894	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	392045	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	62699	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	236796	20.00	ng	-0.06
75) Chrysene-d12	20.93	240	153	20.00	ng	-0.09
86) Perylene-d12	23.04	264	197	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	904243	119.52	ng	-0.07
7) Phenol-d6	6.52	99	360420	33.53	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1218327	116.63	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	710448	706.96	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2330768	466.21	ng	-0.08
78) Terphenyl-d14	19.41	244	596922	77282.71	ng	-0.06

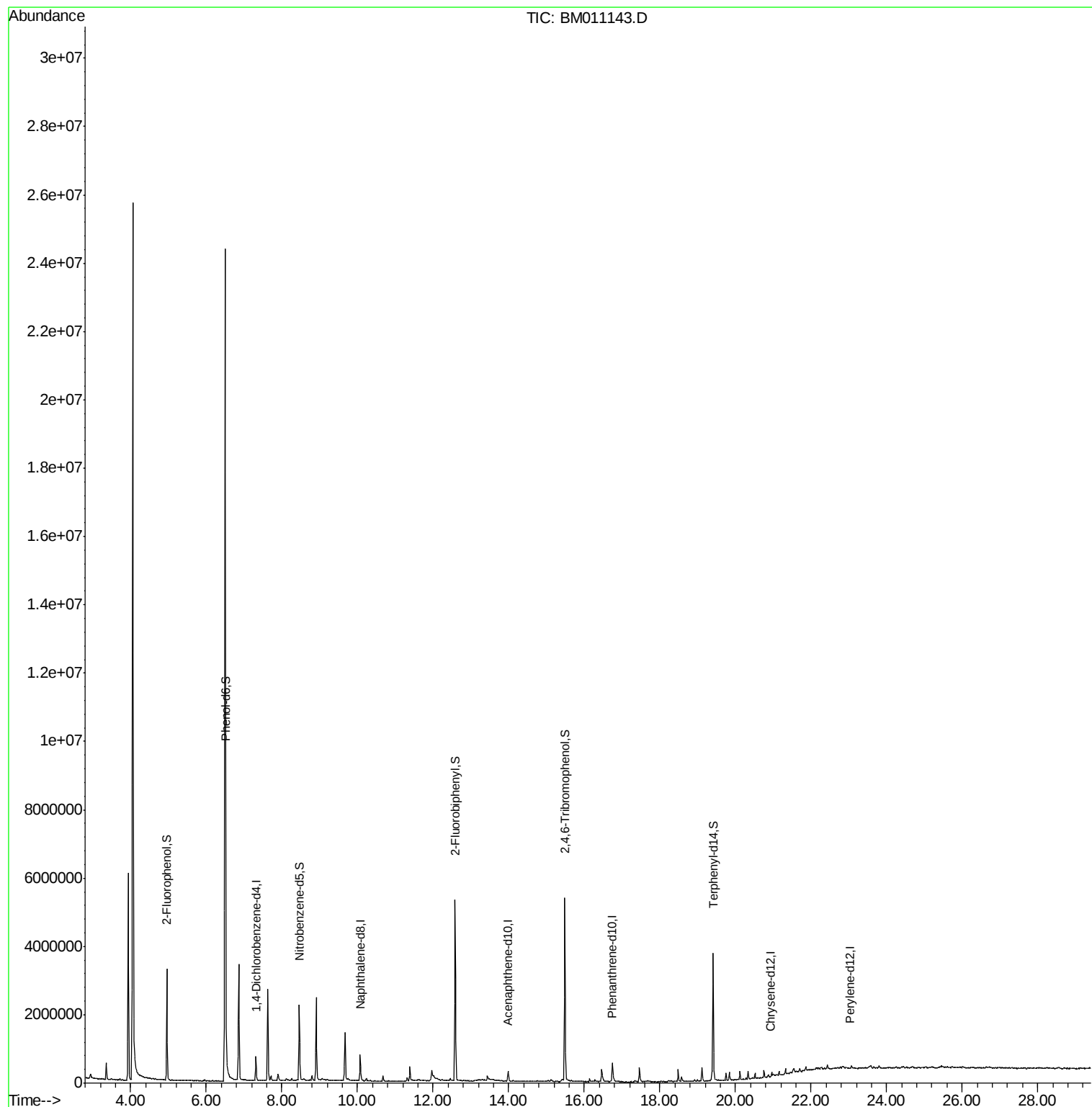
Target Compounds Qvalue

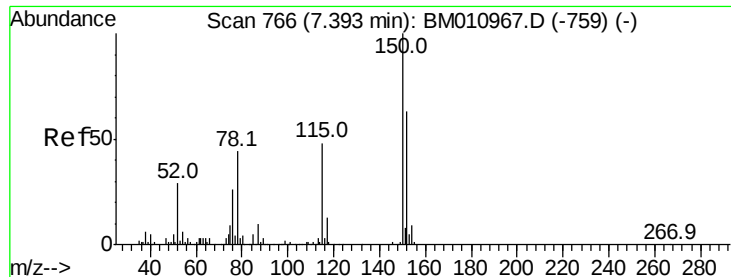
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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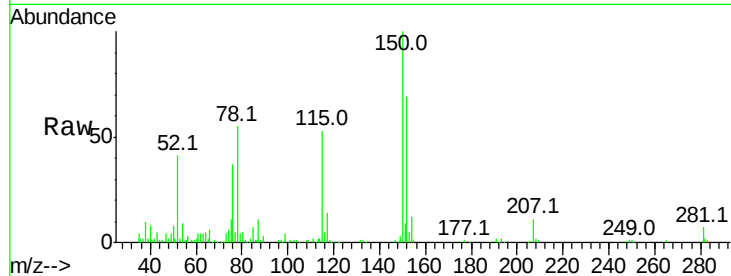


#1

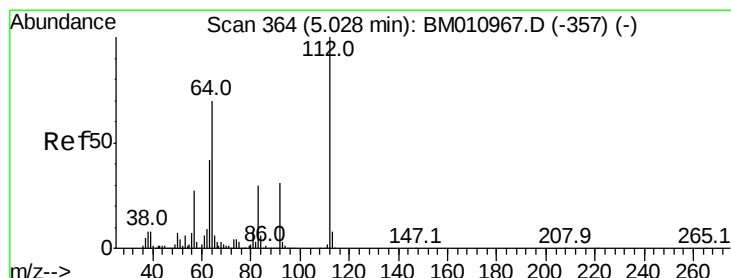
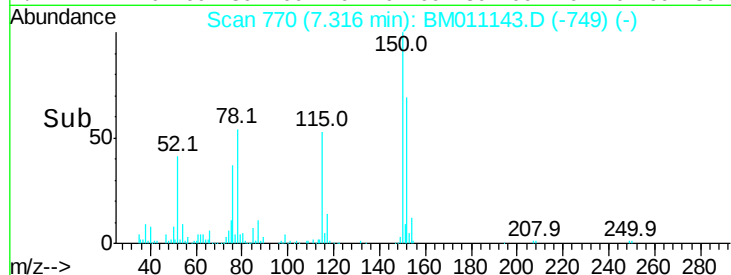
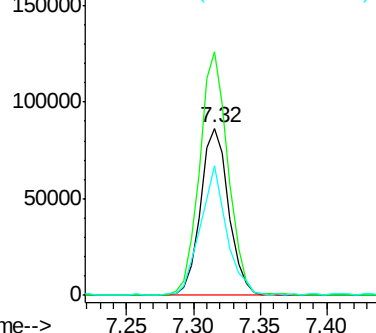
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011143.D
Acq: 05 Aug 2017 15:42

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-HRE

Tot Ion:152 Resp: 127894
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 77.4 43.0 64.4#



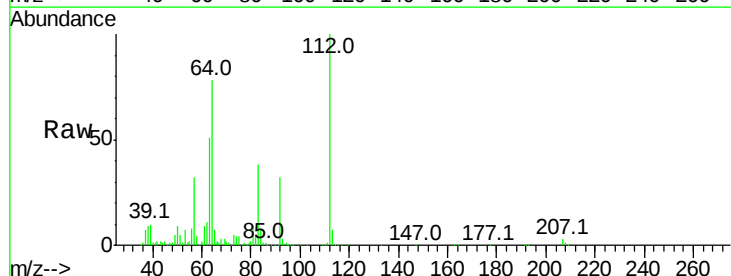
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



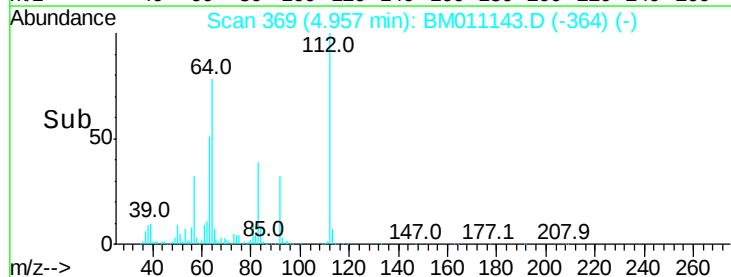
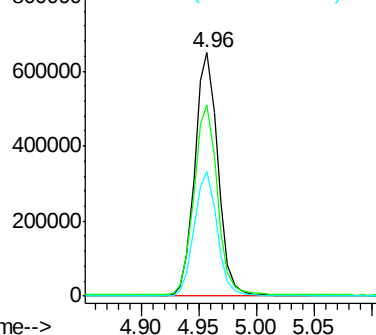
#5

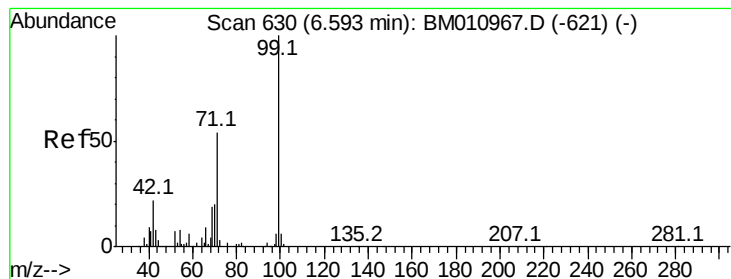
2-Fluorophenol
Concen: 119.518 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011143.D
Acq: 05 Aug 2017 15:42

Tgt Ion:112 Resp: 904243
Ion Ratio Lower Upper
112 100
64 78.3 38.6 57.8#
63 51.3 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: 33.529 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-HRE

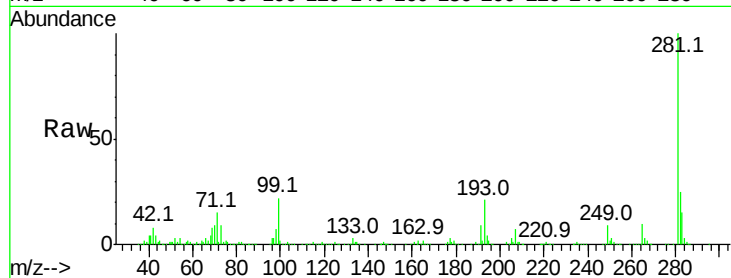
Tot Ion: 99 Resp: 360420

Ion Ratio Lower Upper

99 100

42 35.2 11.0 16.4#

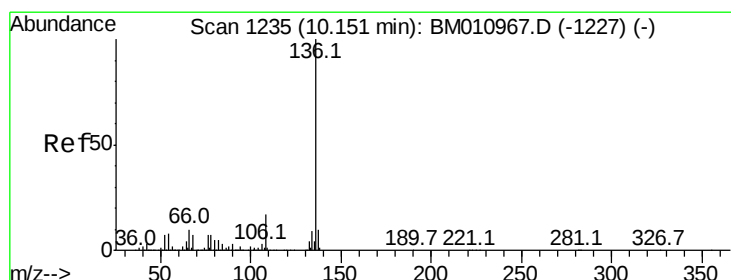
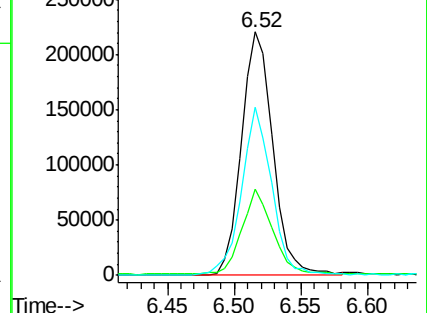
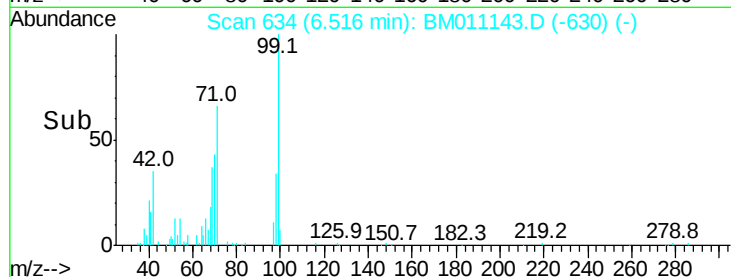
71 69.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011143.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011143.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011143.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

Tgt Ion: 136 Resp: 392045

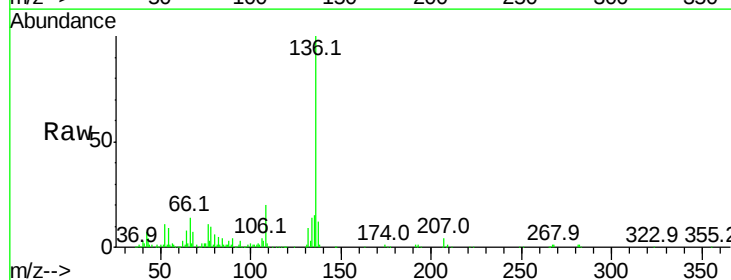
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.3 4.6 6.8#

68 7.1 3.7 5.5#

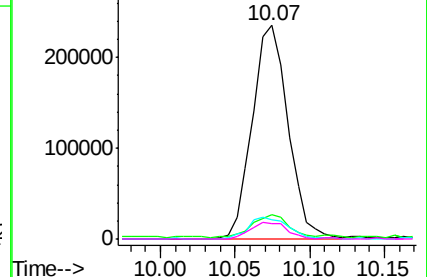
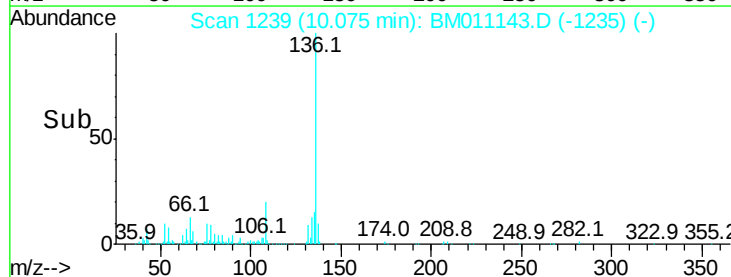


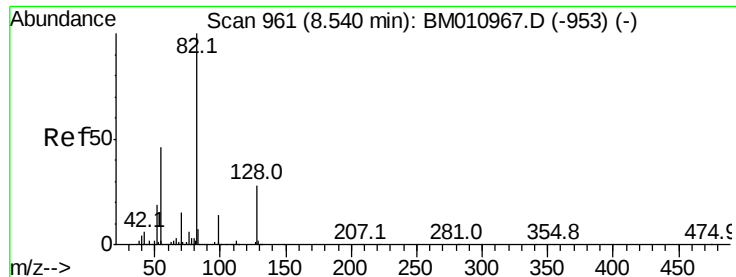
Abundance Ion 136.00 (135.70 to 136.70): BM011143.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011143.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011143.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011143.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 116.634 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-HRE

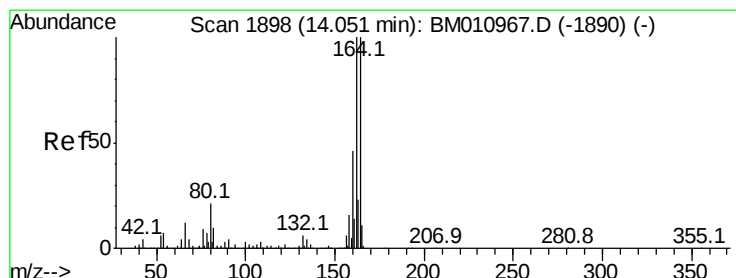
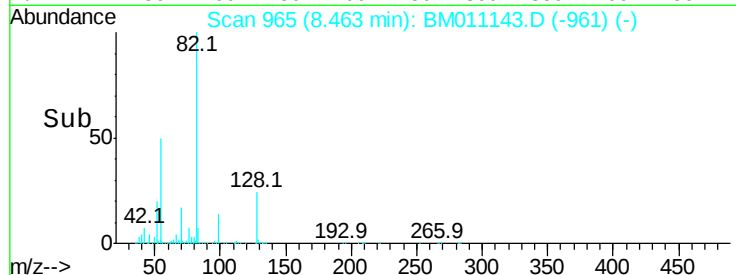
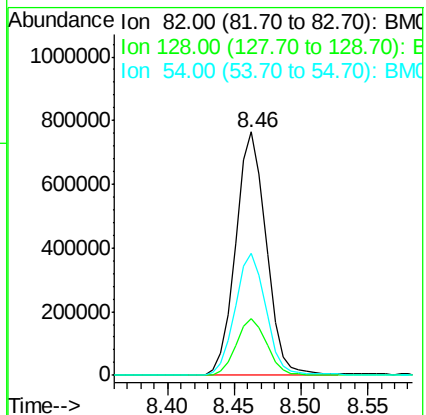
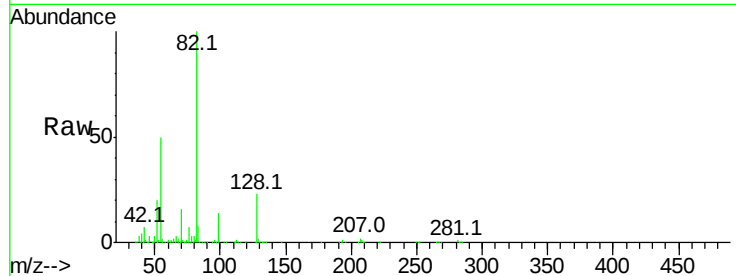
Tot Ion: 82 Resp: 1218327

Ion	Ratio	Lower	Upper
82	100		
128	23.4	32.8	49.2#
54	50.0	40.6	60.8

82 100

128 23.4 32.8 49.2#

54 50.0 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: BM011143.D

Acq: 05 Aug 2017 15:42

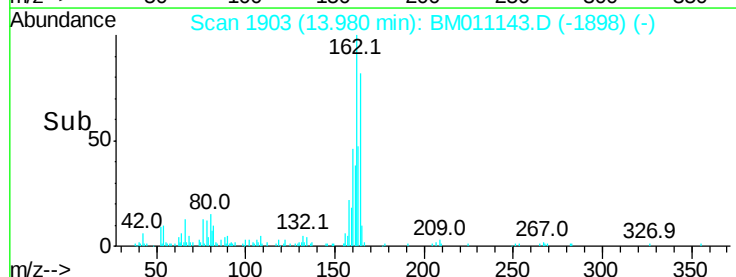
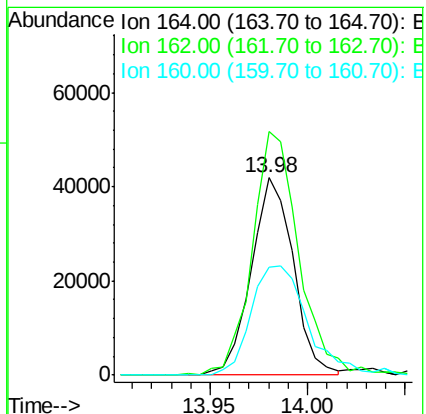
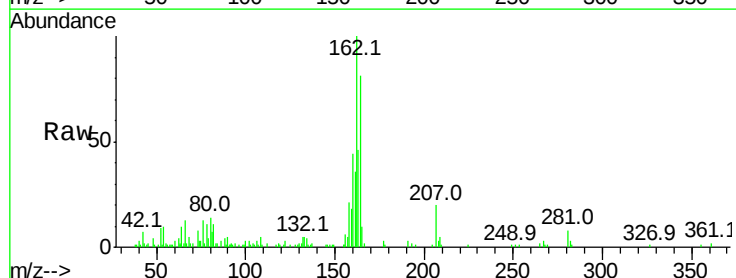
Tgt Ion:164 Resp: 62699

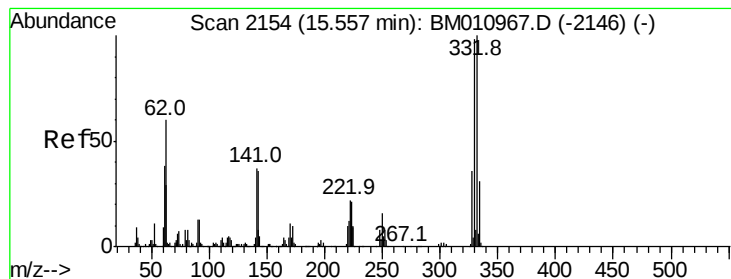
Ion	Ratio	Lower	Upper
164	100		
162	123.4	82.4	123.6
160	54.8	35.8	53.6#

164 100

162 123.4 82.4 123.6

160 54.8 35.8 53.6#





#41

2,4,6-Tribromophenol

Concen: 706.960 ng

RT: 15.49 min Scan# 2159

Delta R.T. -0.07 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-HRE

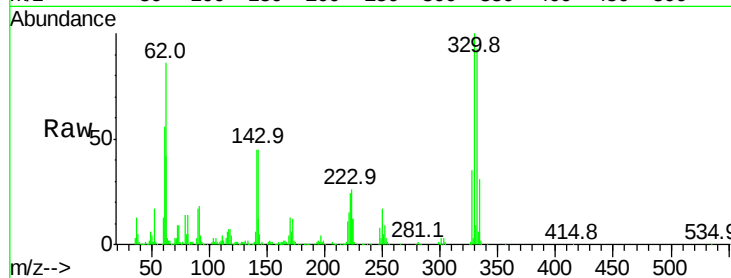
Tot Ion:330 Resp: 710448

Ion Ratio Lower Upper

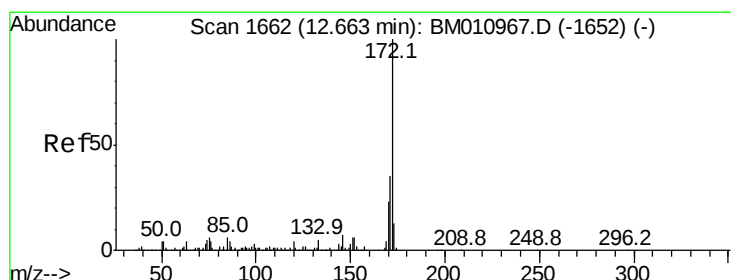
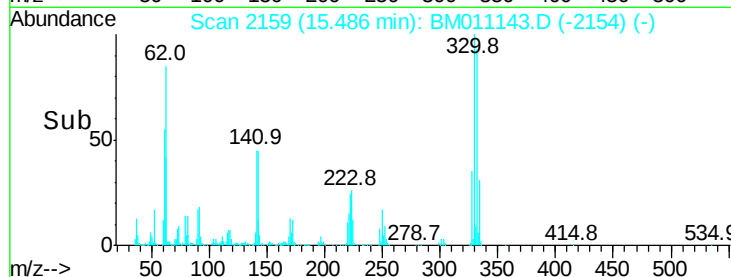
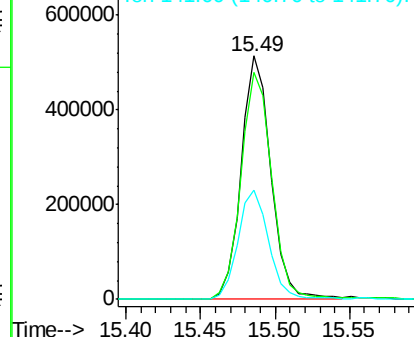
330 100

332 96.5 0.0 0.0#

141 46.9 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: 466.212 ng

RT: 12.59 min Scan# 1666

Delta R.T. -0.08 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

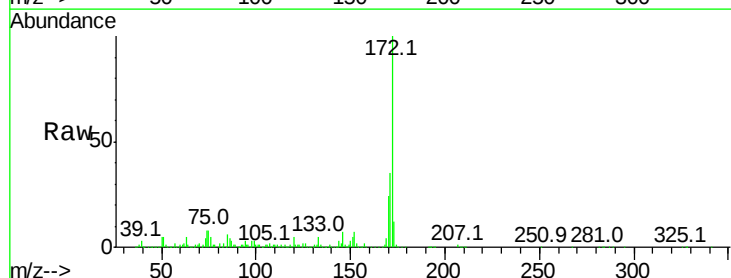
Tgt Ion:172 Resp: 2330768

Ion Ratio Lower Upper

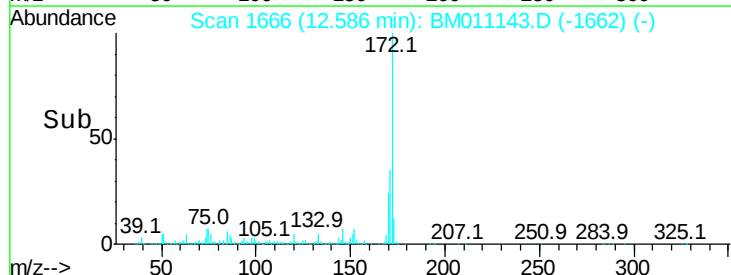
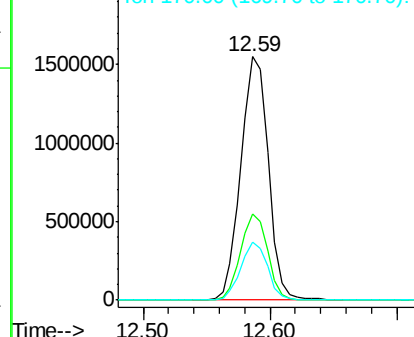
172 100

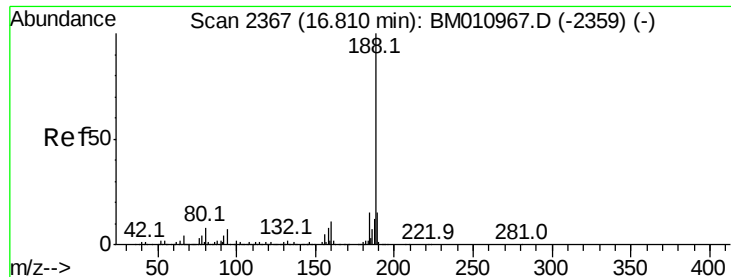
171 35.2 28.5 42.7

170 23.9 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

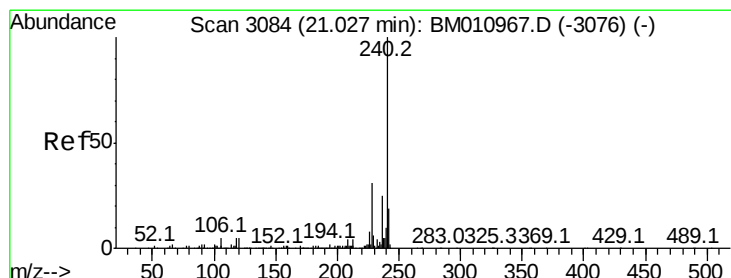
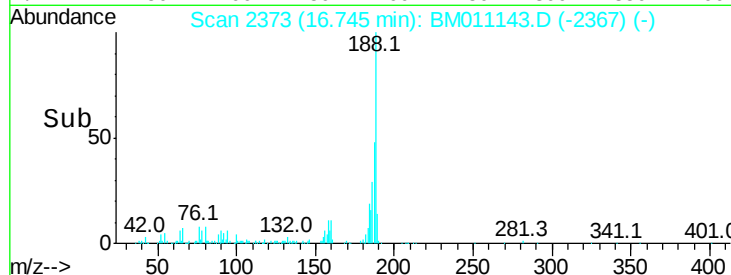
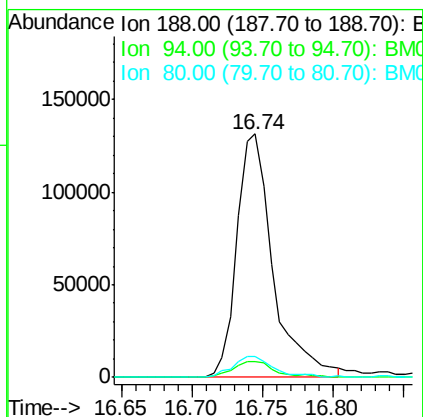
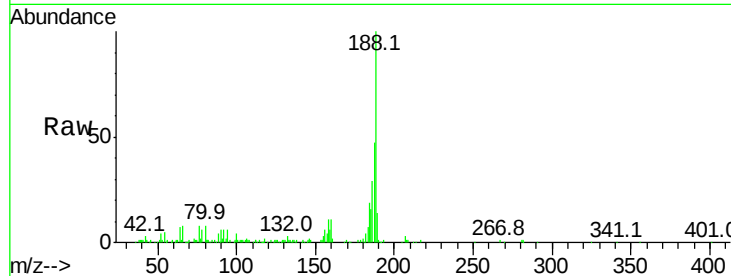




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011143.D
Acq: 05 Aug 2017 15:42

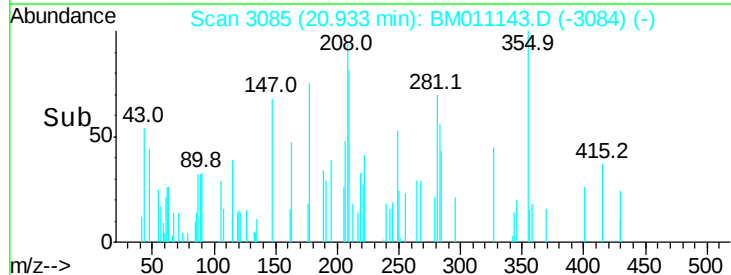
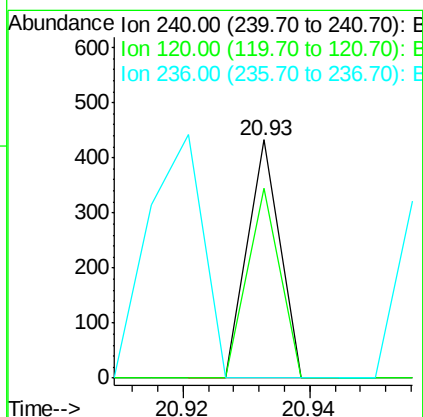
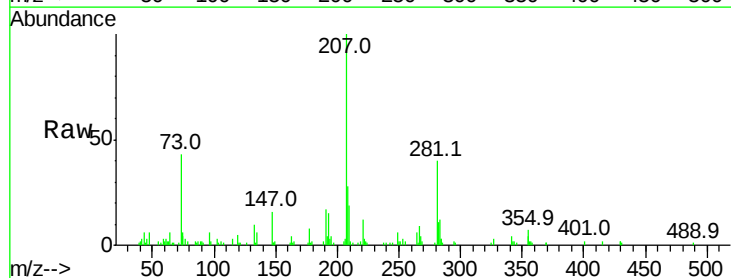
Instrument :
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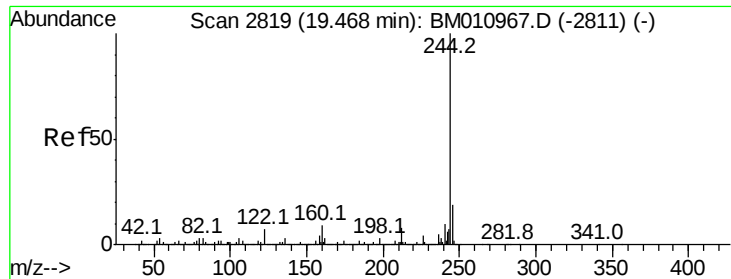
Tot Ion:188 Resp: 236796
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3085
Delta R.T. -0.09 min
Lab File: BM011143.D
Acq: 05 Aug 2017 15:42

Tgt Ion:240 Resp: 153
Ion Ratio Lower Upper
240 100
120 153.6 8.2 12.2#
236 0.0 20.0 30.0#





#78

Terphenyl-d14

Concen: 77282.708 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-HRE

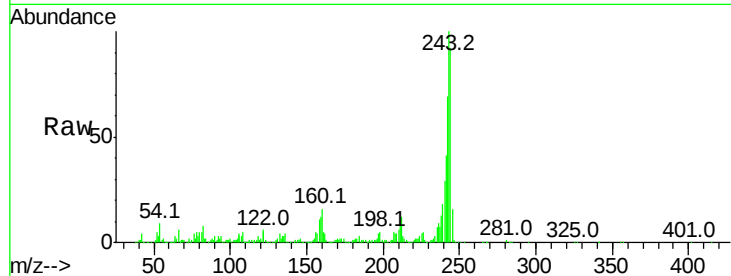
Tot Ion:244 Resp: 596922

Ion Ratio Lower Upper

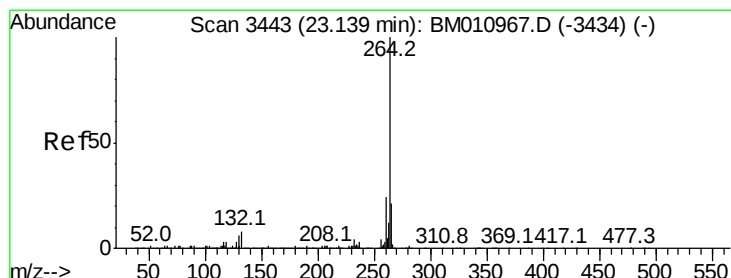
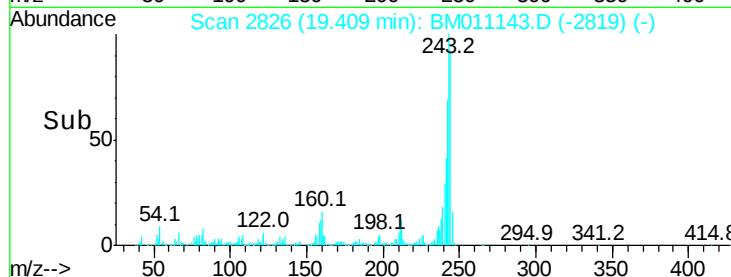
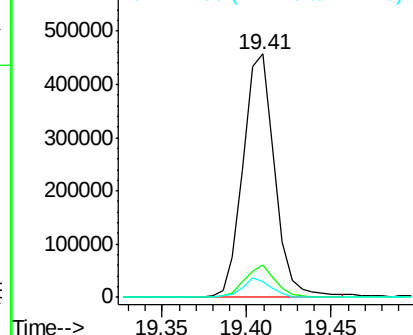
244 100

212 13.4 4.9 7.3#

122 6.5 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: 23.04 min Scan# 3443

Delta R.T. -0.10 min

Lab File: BM011143.D

Acq: 05 Aug 2017 15:42

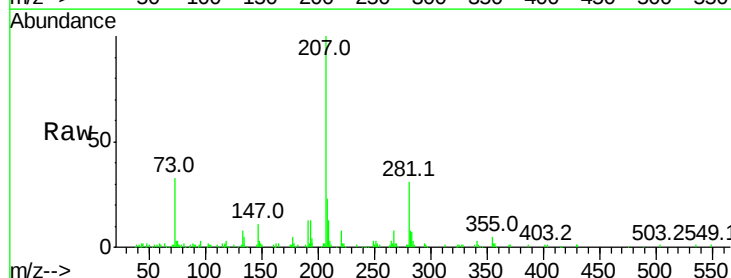
Tgt Ion:264 Resp: 197

Ion Ratio Lower Upper

264 100

260 0.0 18.6 27.8#

265 450.4 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

