

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011163.D
 Acq On : 07 Aug 2017 21:43
 Operator : SJ/JU
 Sample : I4610-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-D

Quant Time: Aug 08 02:22:13 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	134641	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	471609	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	350053	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	891474	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1208506	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1286989	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1217202	152.82	ng	-0.07
7) Phenol-d6	6.52	99	1563009	138.12	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1533625	122.05	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	918637	163.73	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2792475	100.05	ng	-0.08
78) Terphenyl-d14	19.41	244	6188953	101.44	ng	-0.06

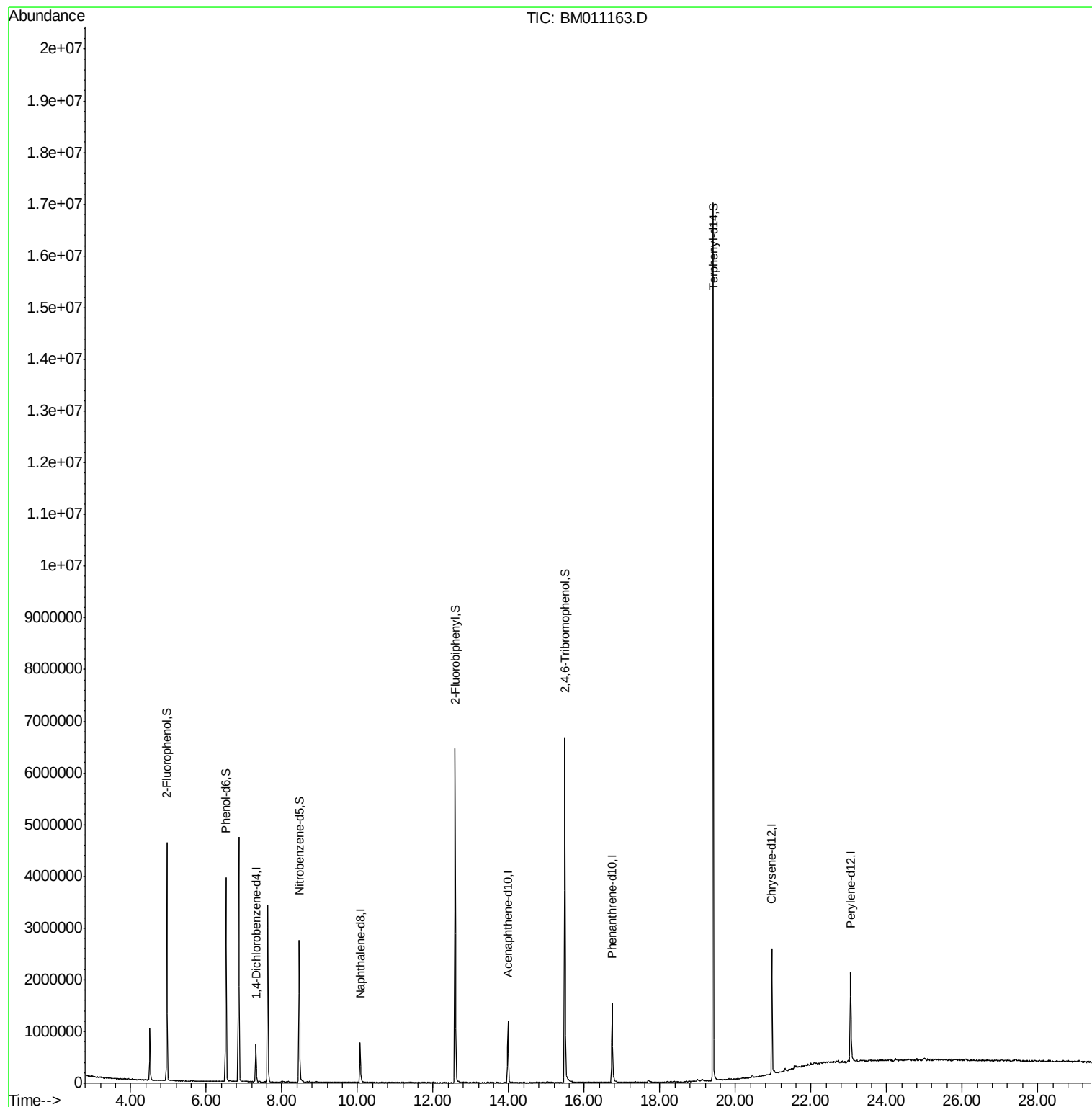
Target Compounds Qvalue

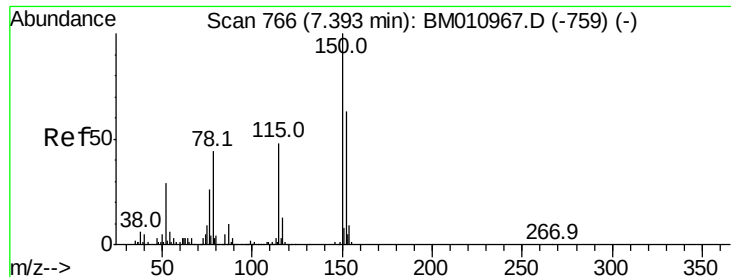
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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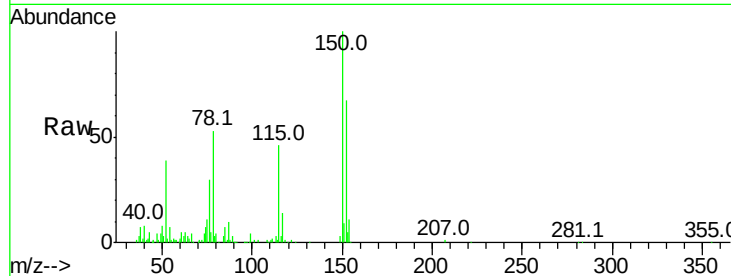


#1

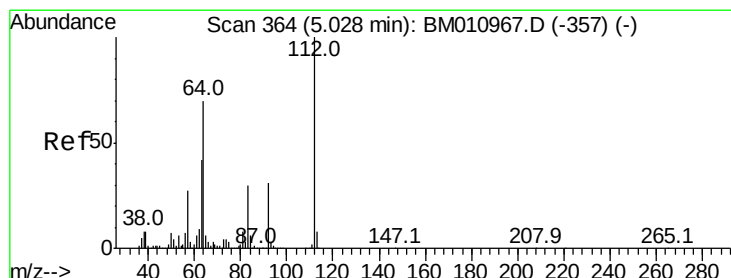
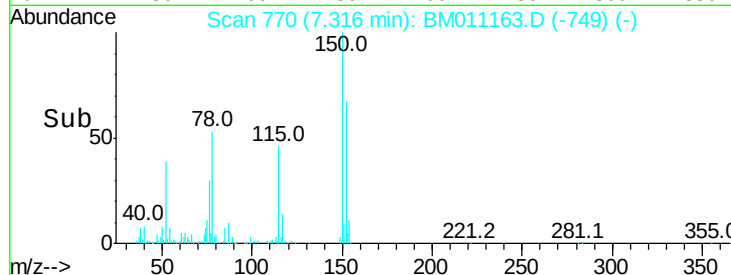
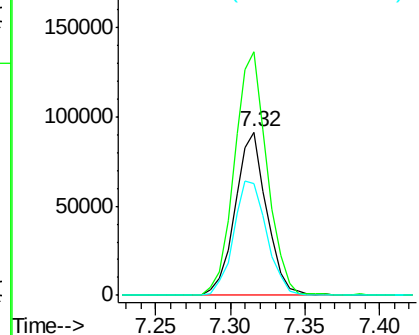
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011163.D
Acq: 07 Aug 2017 21:43

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-D

Tot Ion:152 Resp: 134641
Ion Ratio Lower Upper
152 100
150 149.0 119.5 179.3
115 68.6 43.0 64.4#



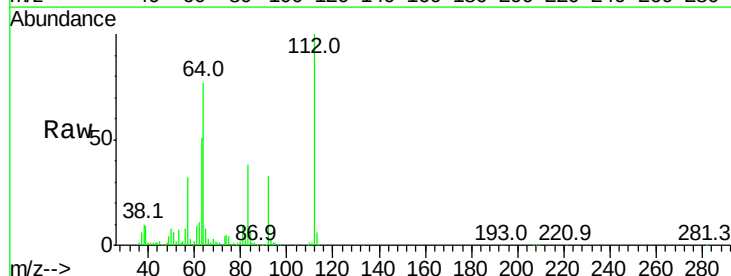
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



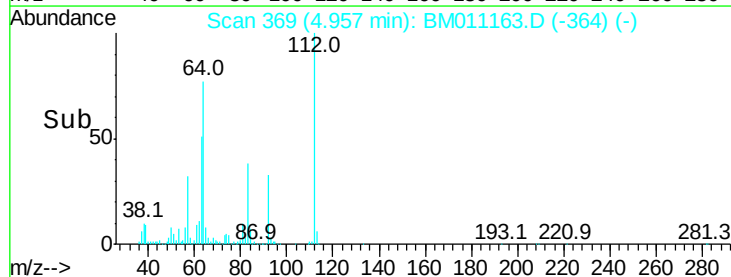
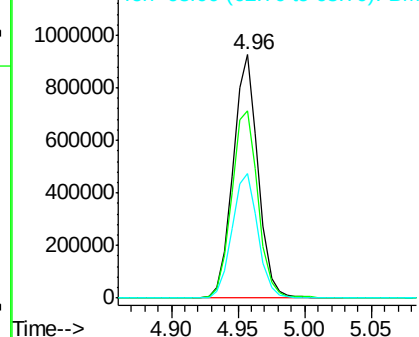
#5

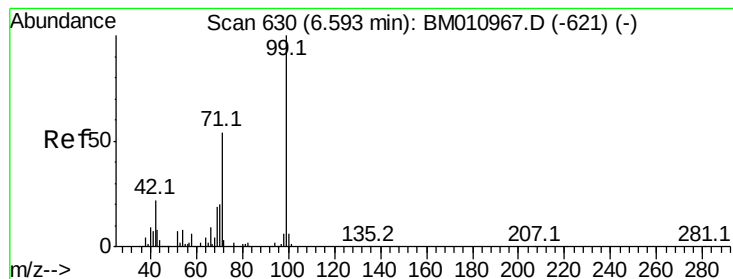
2-Fluorophenol
Concen: 152.822 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011163.D
Acq: 07 Aug 2017 21:43

Tgt Ion:112 Resp: 1217202
Ion Ratio Lower Upper
112 100
64 77.0 38.6 57.8#
63 51.0 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: 138.117 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011163.D

Acq: 07 Aug 2017 21:43

Instrument :

BNA_M

ClientSampleId :

PL-02-080317-D

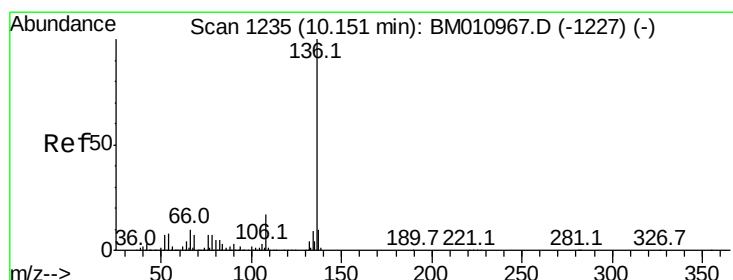
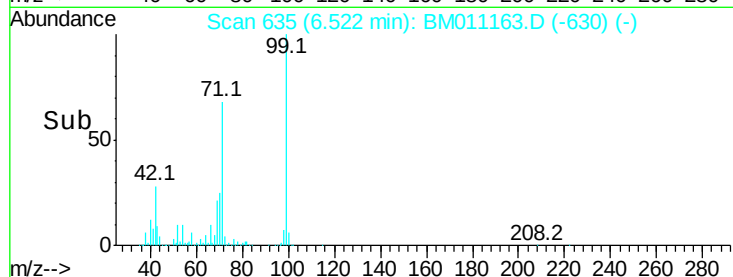
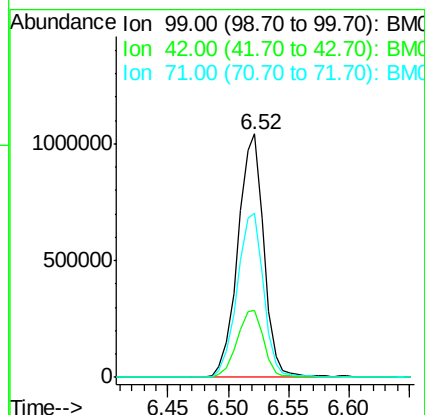
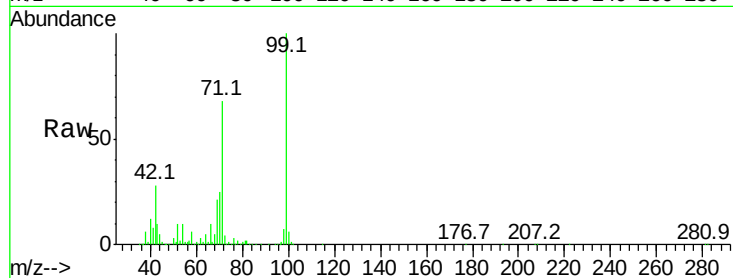
Tot Ion: 99 Resp: 1563009

Ion Ratio Lower Upper

99 100

42 27.6 11.0 16.4#

71 67.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011163.D

Acq: 07 Aug 2017 21:43

Tgt Ion: 136 Resp: 471609

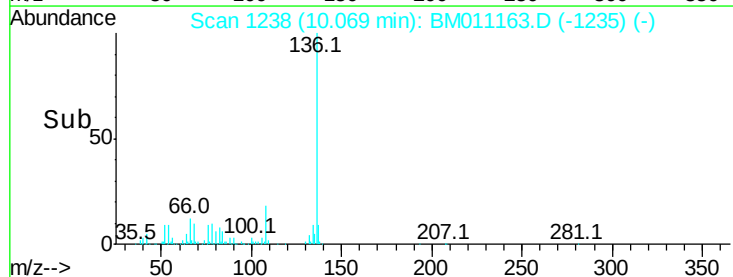
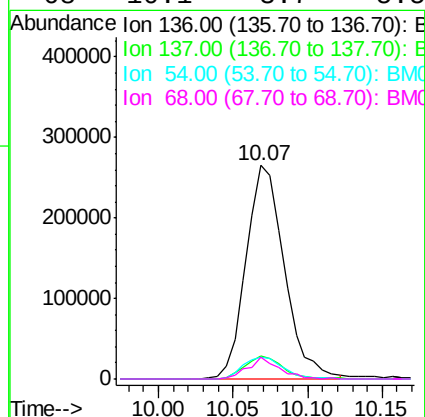
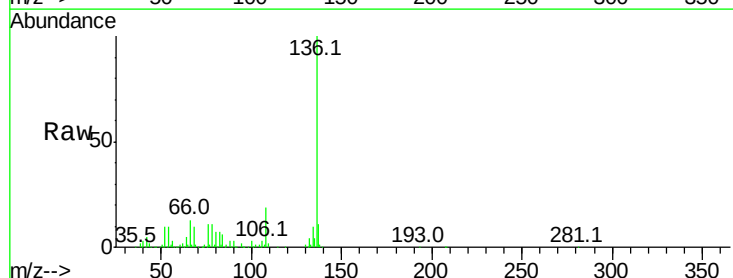
Ion Ratio Lower Upper

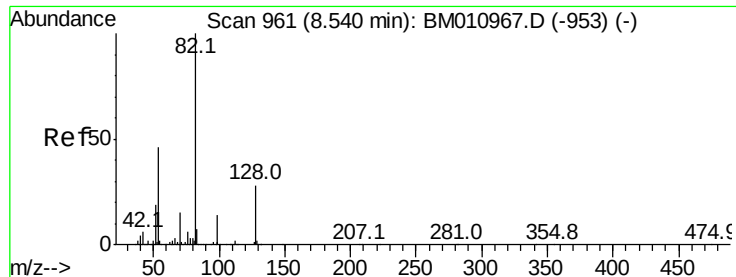
136 100

137 10.6 8.7 13.1

54 10.1 4.6 6.8#

68 10.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 122.049 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011163.D

Acq: 07 Aug 2017 21:43

Instrument :

BNA_M

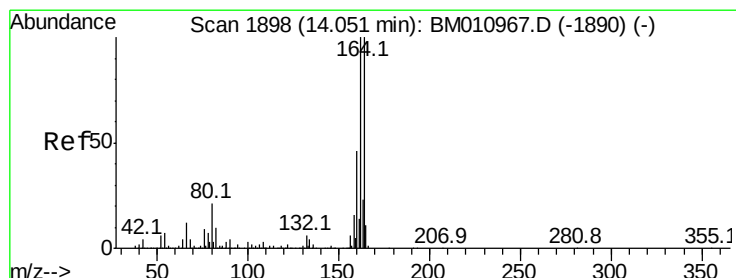
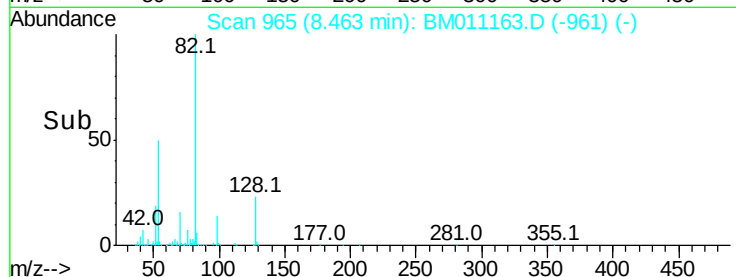
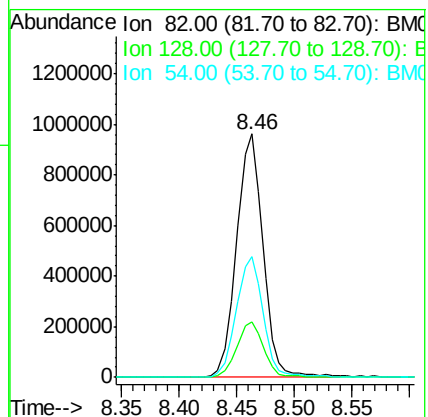
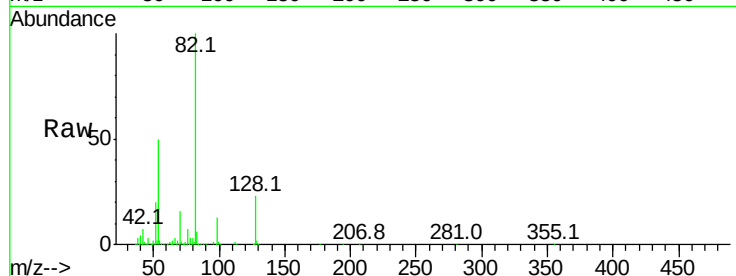
ClientSampleId :

PL-02-080317-D

Tot Ion: 82 Resp: 1533625

Ion Ratio Lower Upper

82	100		
128	22.6	32.8	49.2#
54	49.7	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1903

Delta R.T. -0.07 min

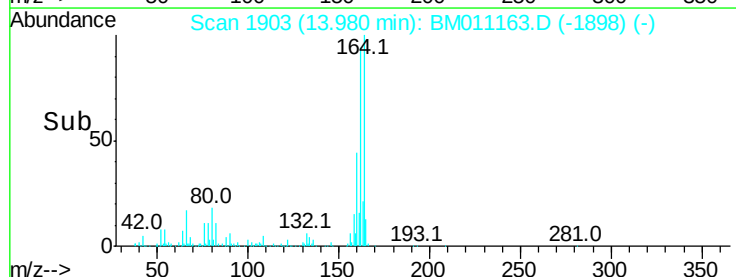
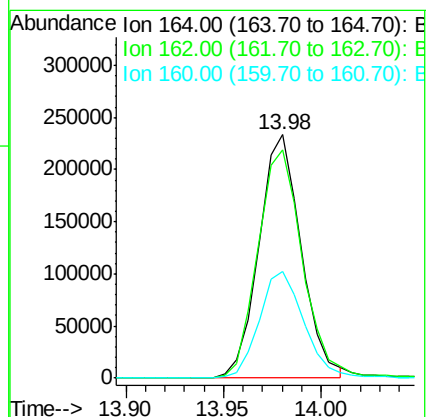
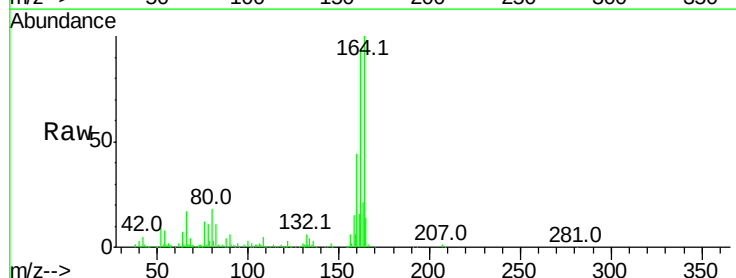
Lab File: BM011163.D

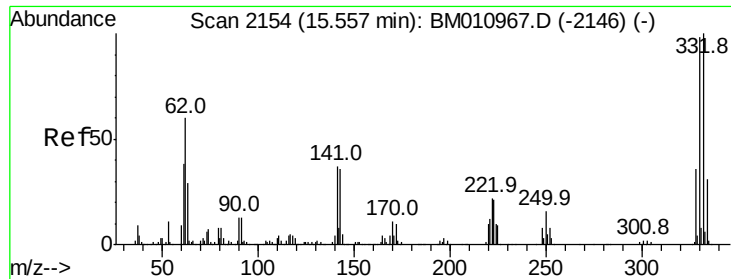
Acq: 07 Aug 2017 21:43

Tgt Ion: 164 Resp: 350053

Ion Ratio Lower Upper

164	100		
162	93.9	82.4	123.6
160	44.1	35.8	53.6

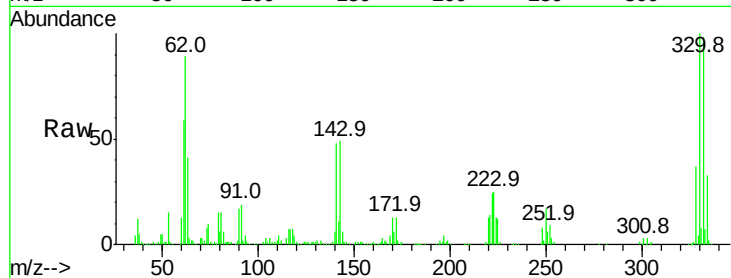




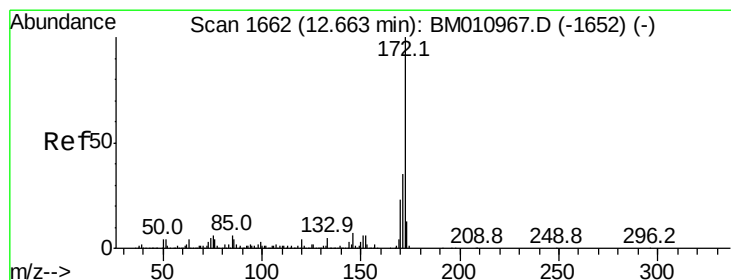
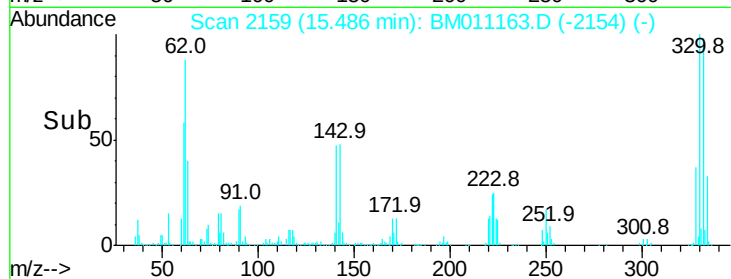
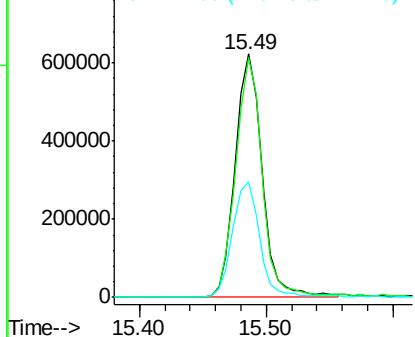
#41
 2,4,6-Tribromophenol
 Concen: 163.732 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011163.D
 Acq: 07 Aug 2017 21:43

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	47.4	0.0	0.0#

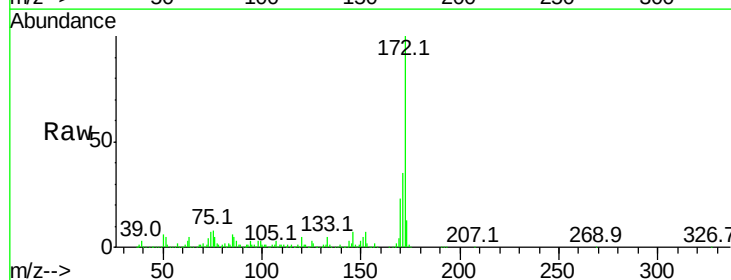


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

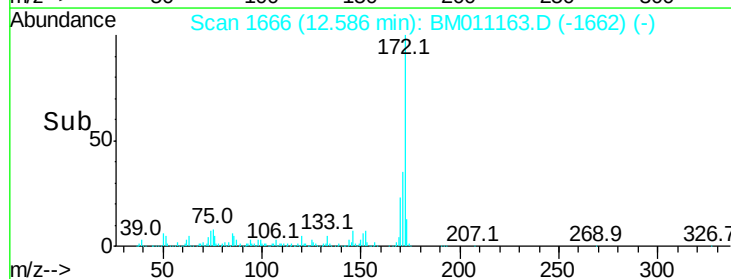
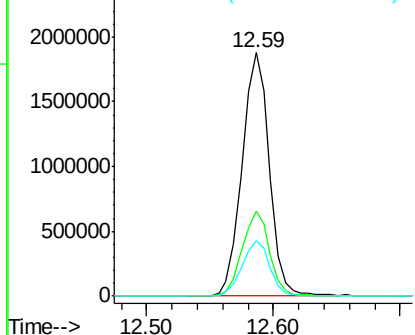


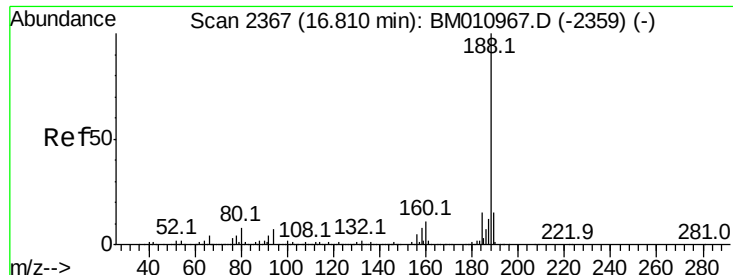
#44
 2-Fluorobiphenyl
 Concen: 100.046 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011163.D
 Acq: 07 Aug 2017 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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

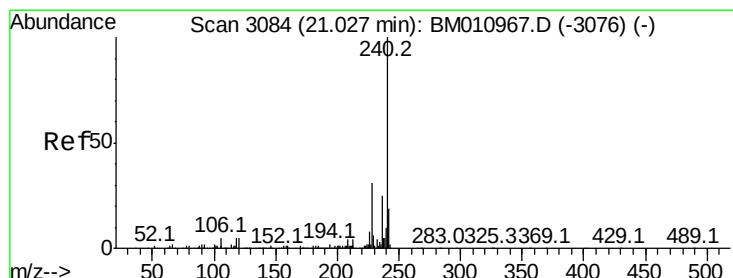
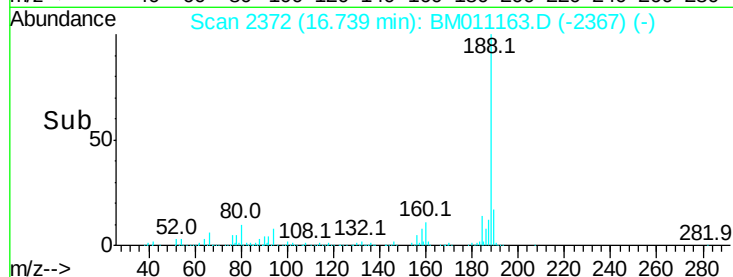
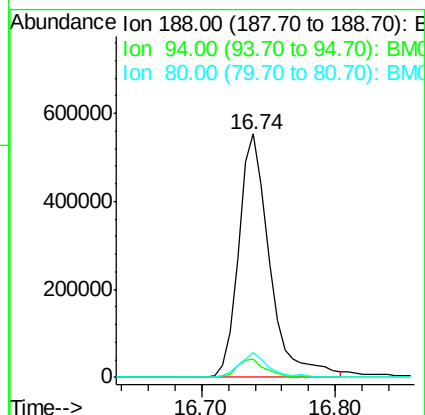
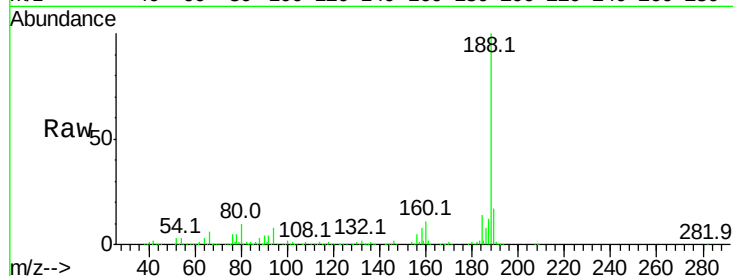




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011163.D
Acq: 07 Aug 2017 21:43

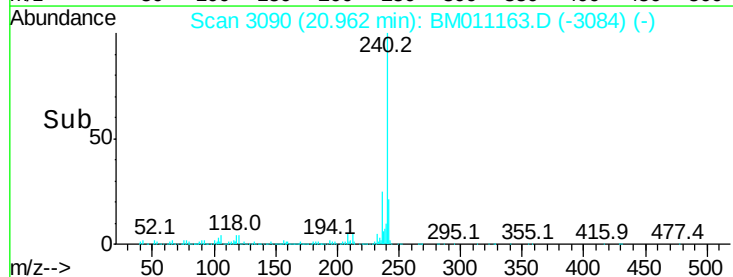
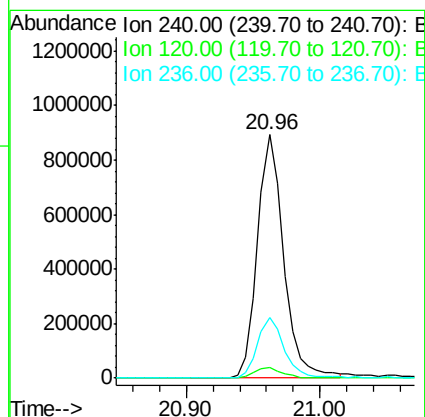
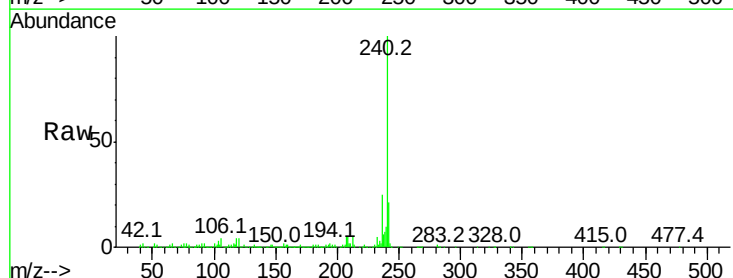
Instrument :
BNA_M
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PL-02-080317-D

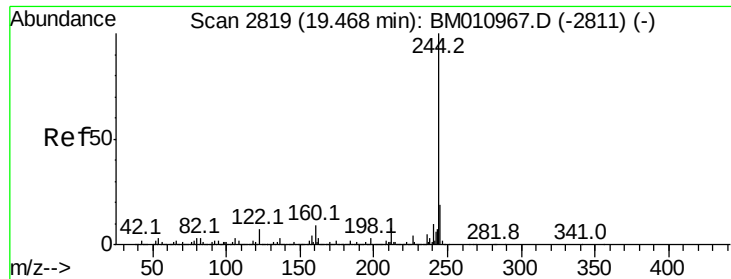
Tot Ion:188 Resp: 891474
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011163.D
Acq: 07 Aug 2017 21:43

Tgt Ion:240 Resp: 1208506
Ion Ratio Lower Upper
240 100
120 4.3 8.2 12.2#
236 25.1 20.0 30.0





#78

Terphenyl-d14

Concen: 101.444 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011163.D

Acq: 07 Aug 2017 21:43

Instrument :

BNA_M

ClientSampleId :

PL-02-080317-D

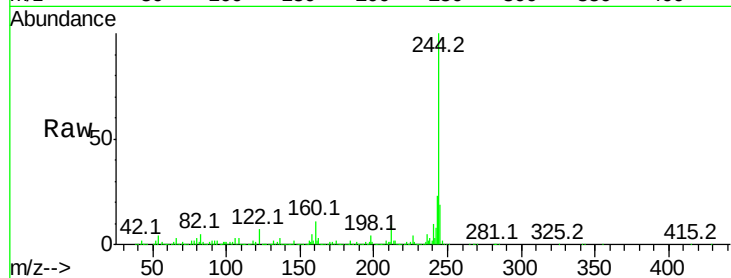
Tot Ion:244 Resp: 6188953

Ion Ratio Lower Upper

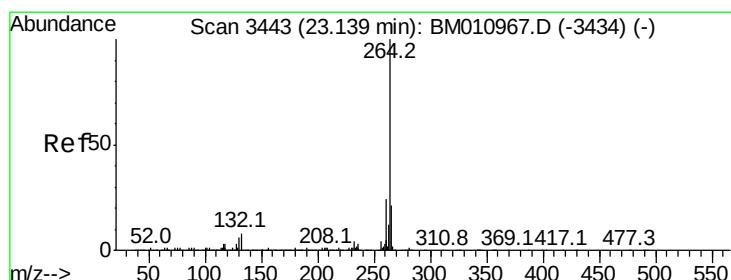
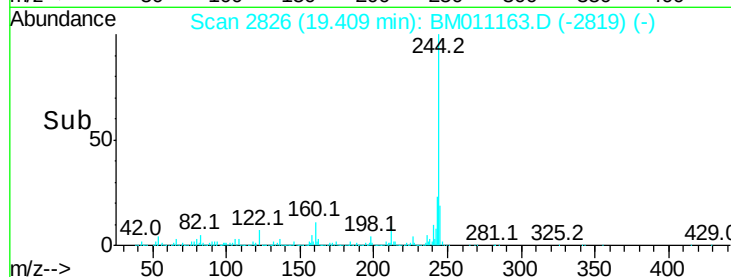
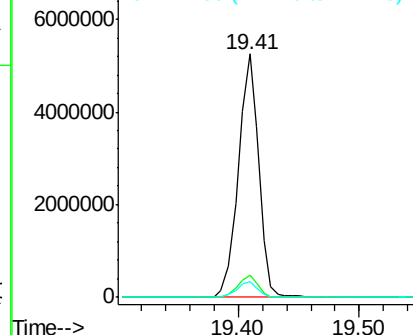
244 100

212 8.9 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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011163.D

Acq: 07 Aug 2017 21:43

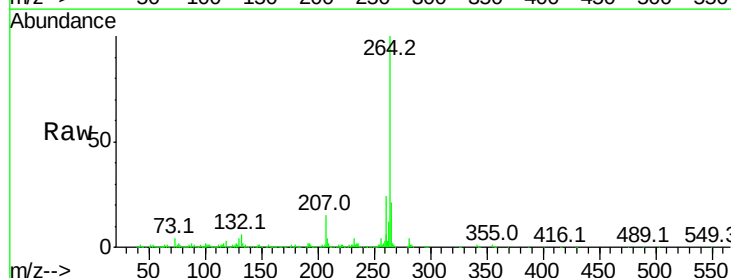
Tgt Ion:264 Resp: 1286989

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 20.8 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

