

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011157.D
 Acq On : 07 Aug 2017 18:05
 Operator : SJ/JU
 Sample : I4611-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-C

Quant Time: Aug 08 01:44:47 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	141498	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	507892	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	370251	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	982161	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1211912	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1284330	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1319398	157.62	ng	-0.07
7) Phenol-d6	6.52	99	1738749	146.20	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1612919	119.19	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	995078	167.68	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2955361	100.11	ng	-0.08
78) Terphenyl-d14	19.41	244	6484903	106.00	ng	-0.06

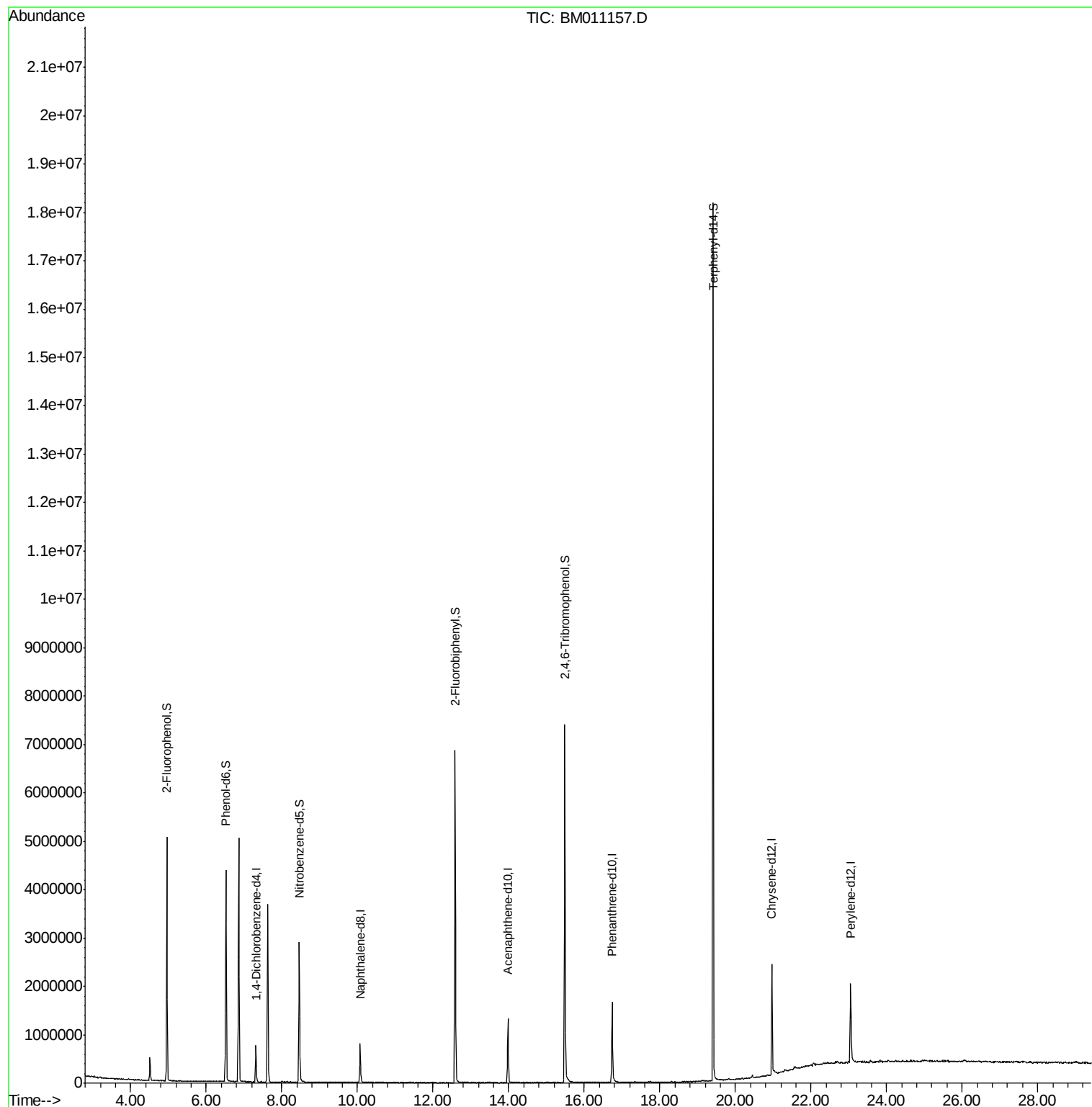
Target Compounds Qvalue

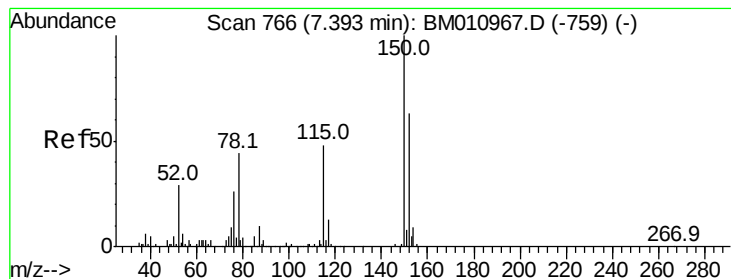
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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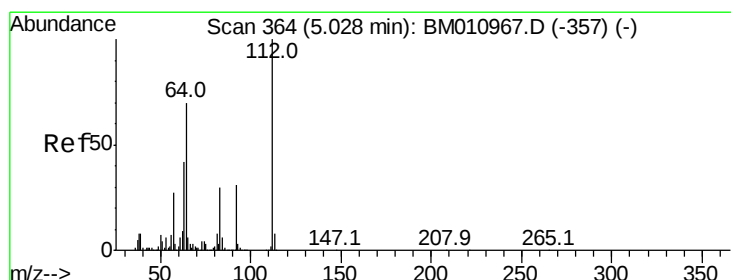
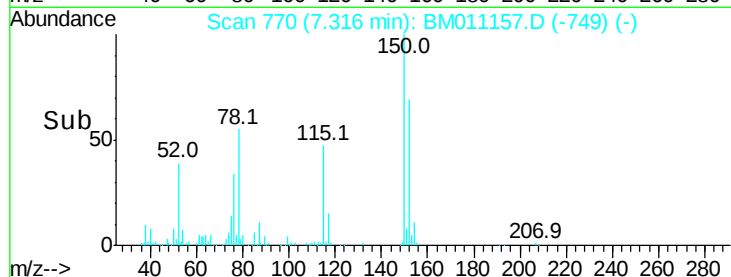
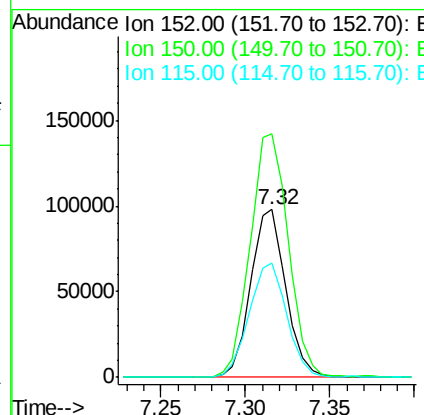
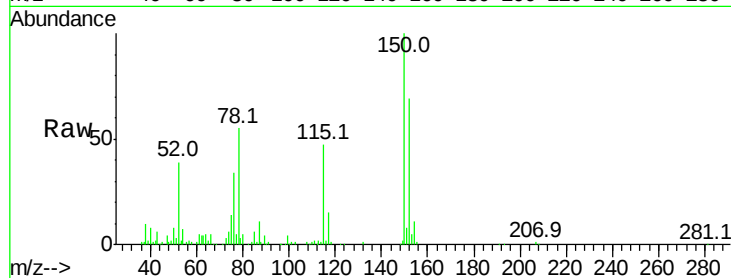


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011157.D
Acq: 07 Aug 2017 18:05

Instrument :
BNA_M
ClientSampleId :
EO-01-080317-C

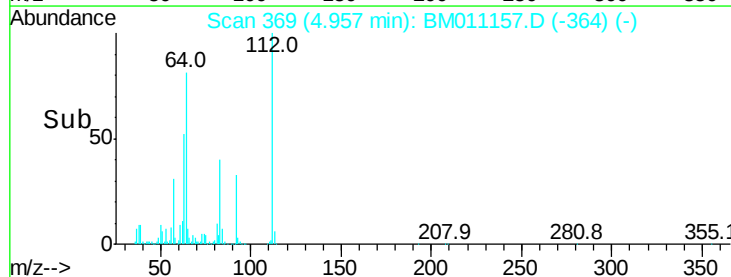
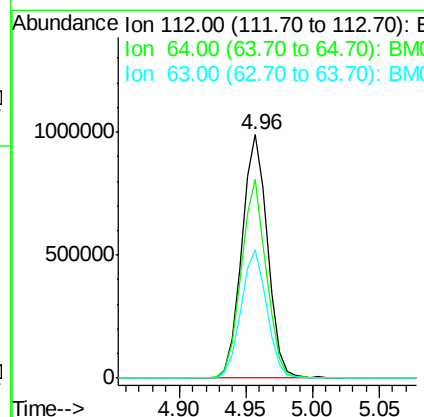
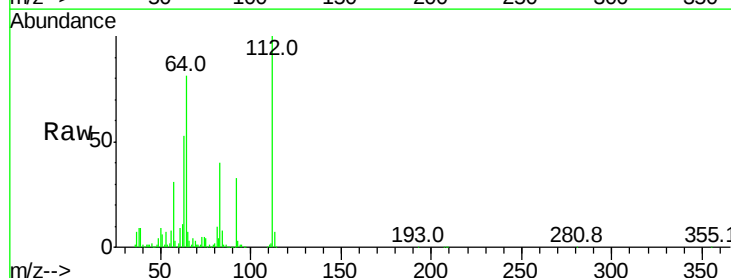
Tot Ion:152 Resp: 141498
Ion Ratio Lower Upper
152 100
150 145.0 119.5 179.3
115 67.9 43.0 64.4#

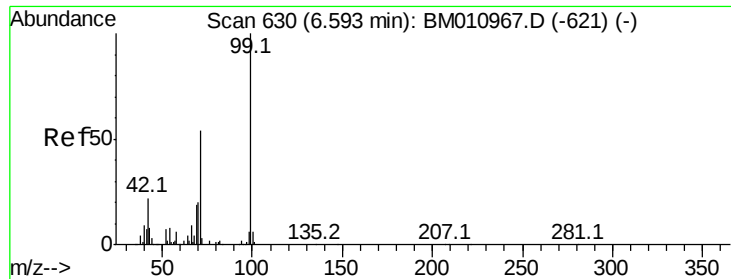


#5

2-Fluorophenol
Concen: 157.625 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011157.D
Acq: 07 Aug 2017 18:05

Tgt Ion:112 Resp: 1319398
Ion Ratio Lower Upper
112 100
64 81.5 38.6 57.8#
63 52.5 19.3 28.9#





#7

Phenol-d6

Concen: 146.200 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011157.D

Acq: 07 Aug 2017 18:05

Instrument :

BNA_M

ClientSampleId :

EO-01-080317-C

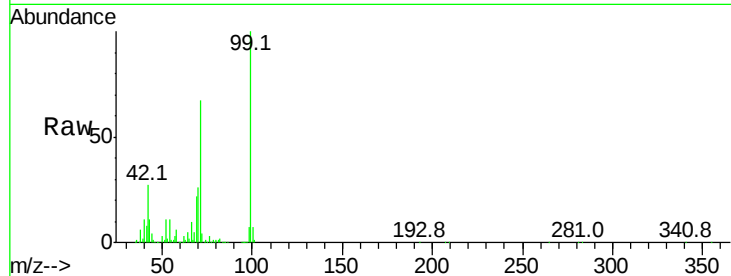
Tot Ion: 99 Resp: 1738749

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

71 66.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011157.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011157.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011157.D (-630) (-)

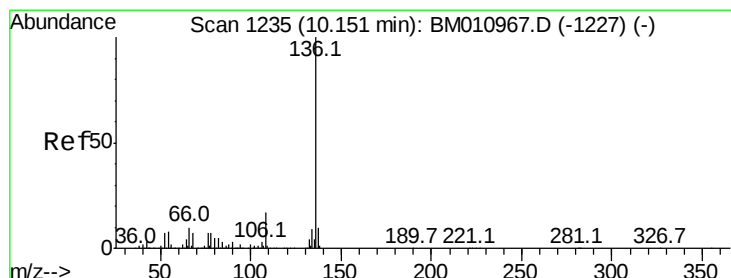
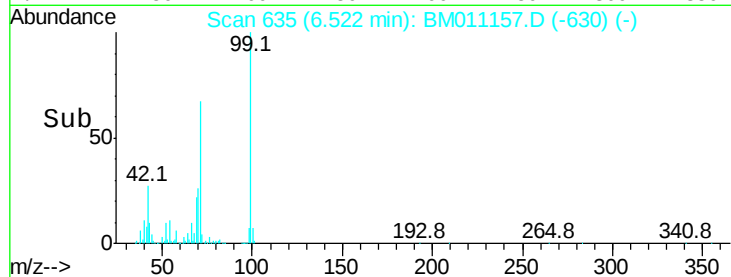
6.52

1000000

500000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011157.D

Acq: 07 Aug 2017 18:05

Tgt Ion: 136 Resp: 507892

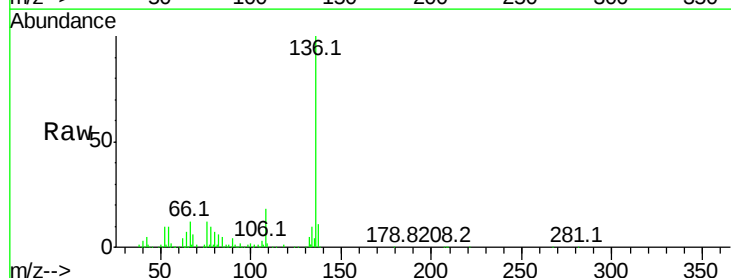
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 4.6 6.8#

68 6.0 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011157.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011157.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011157.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011157.D (-1235) (-)

10.07

400000

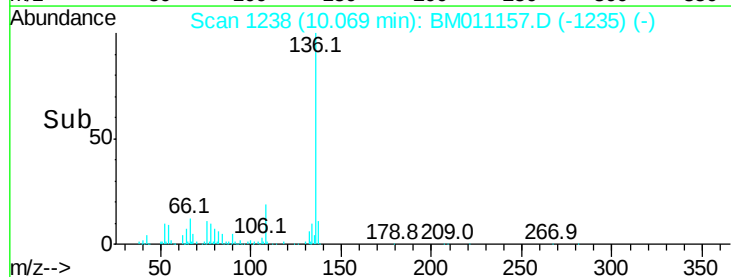
300000

200000

100000

0

Time-->

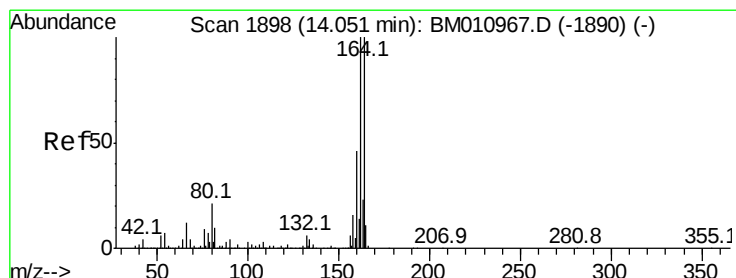
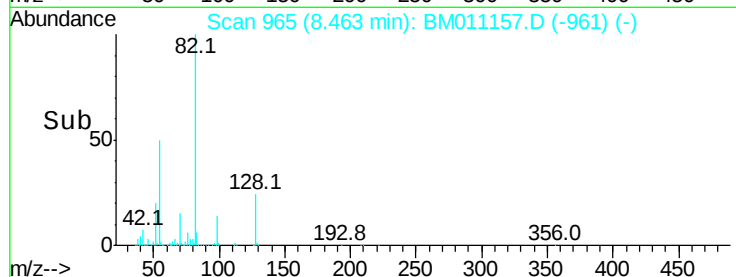
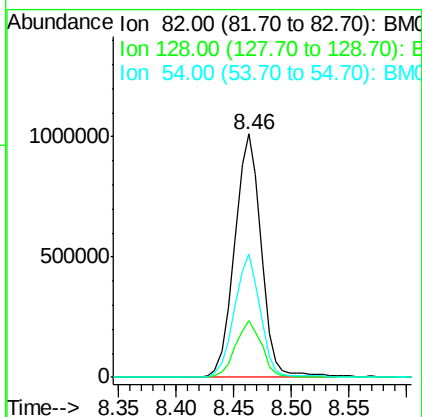
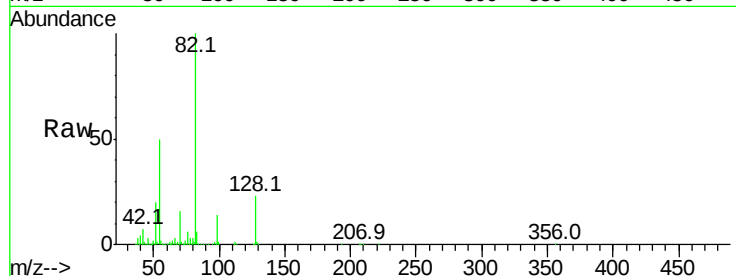




#23
 Nitrobenzene-d5
 Concen: 119.190 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011157.D
 Acq: 07 Aug 2017 18:05

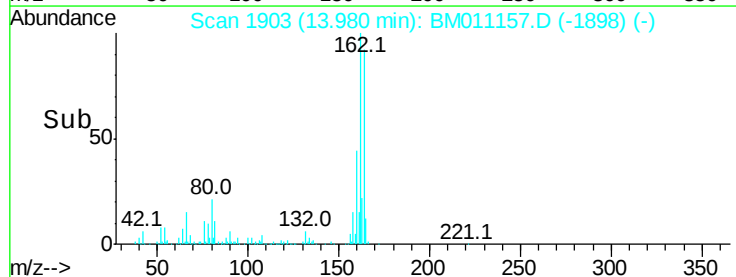
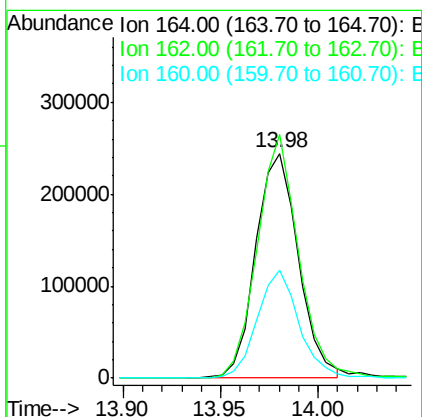
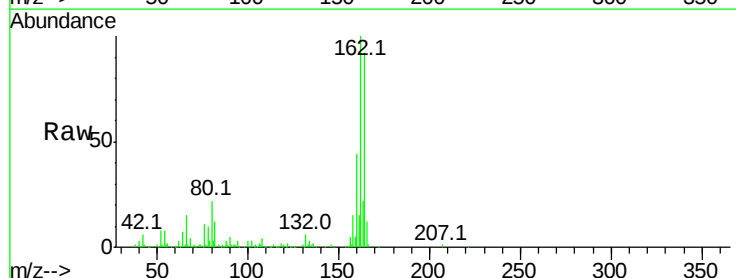
Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-C

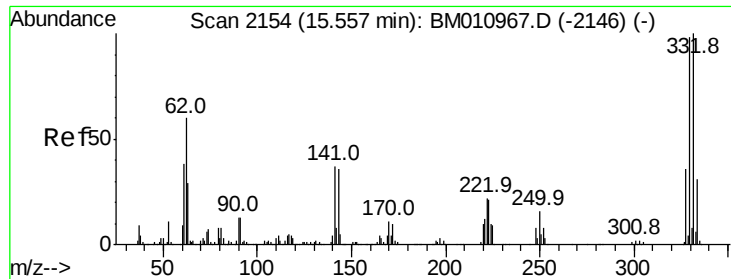
Tot Ion: 82 Resp: 1612919
 Ion Ratio Lower Upper
 82 100
 128 23.5 32.8 49.2#
 54 50.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011157.D
 Acq: 07 Aug 2017 18:05

Tgt Ion:164 Resp: 370251
 Ion Ratio Lower Upper
 164 100
 162 108.5 82.4 123.6
 160 47.9 35.8 53.6

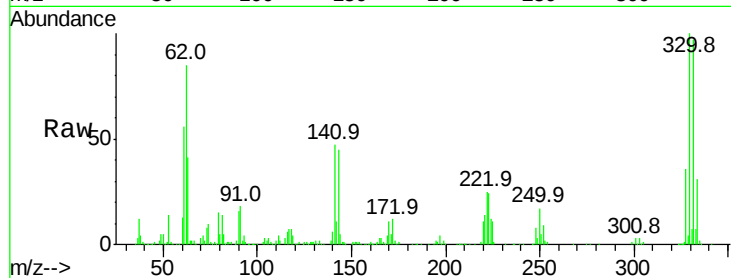




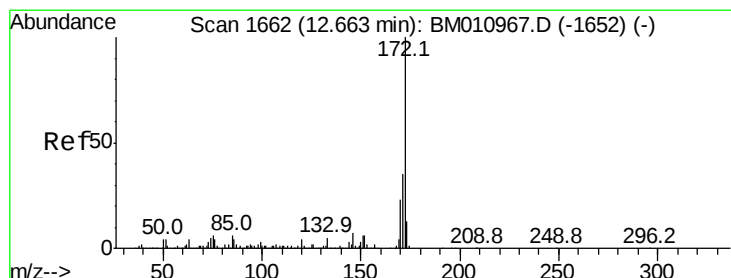
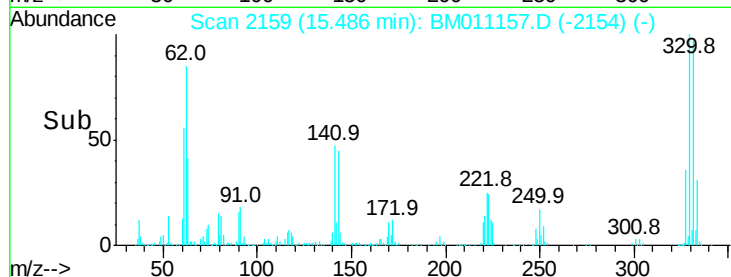
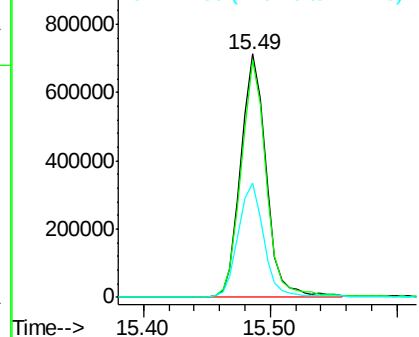
#41
 2,4,6-Tribromophenol
 Concen: 167.681 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011157.D
 Acq: 07 Aug 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-C

Tot Ion:330 Resp: 995078
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 47.2 0.0 0.0#

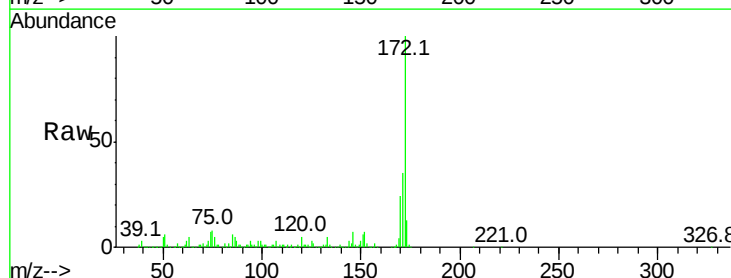


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

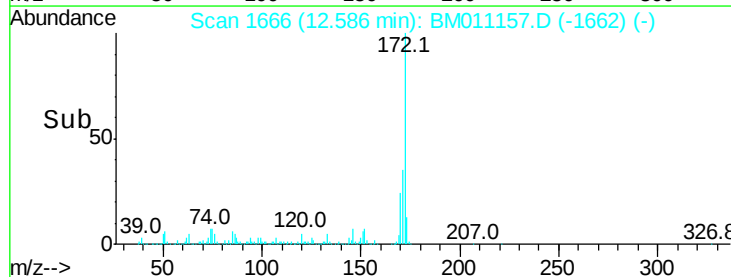
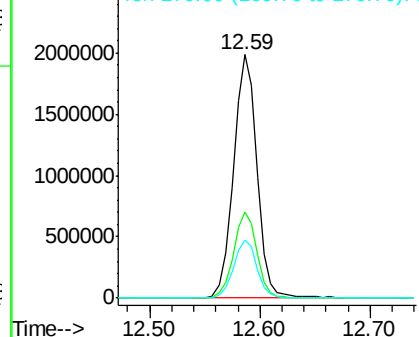


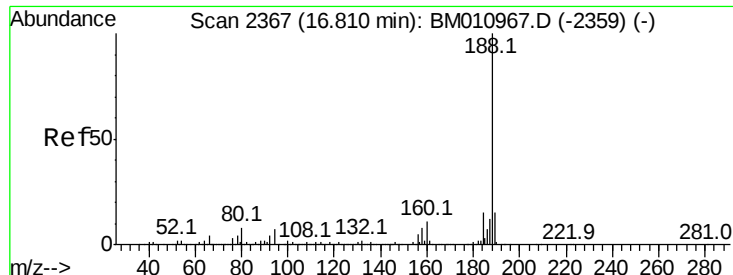
#44
 2-Fluorobiphenyl
 Concen: 100.106 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011157.D
 Acq: 07 Aug 2017 18:05

Tgt Ion:172 Resp: 2955361
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

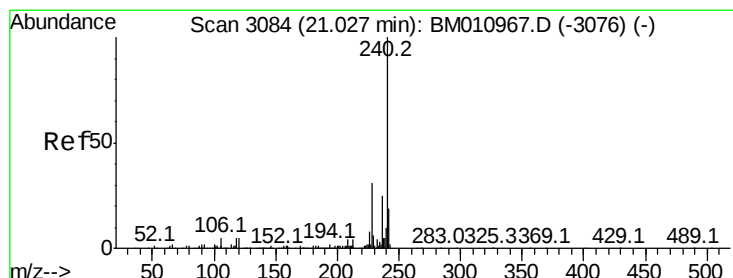
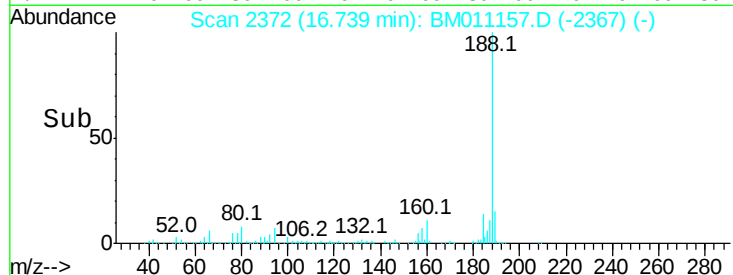
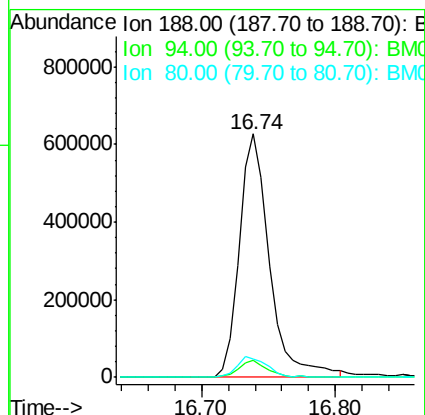
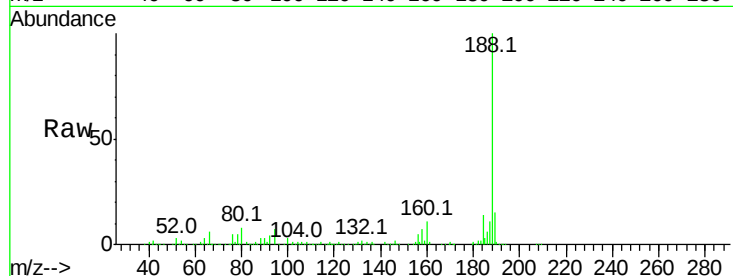




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011157.D
Acq: 07 Aug 2017 18:05

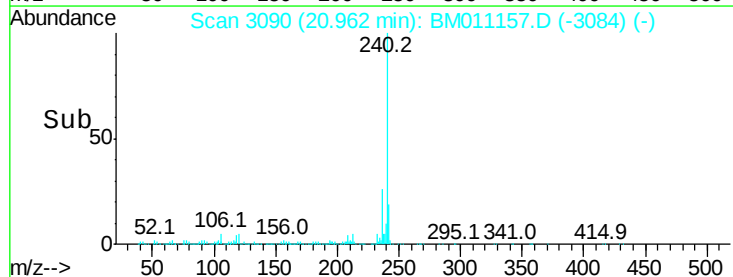
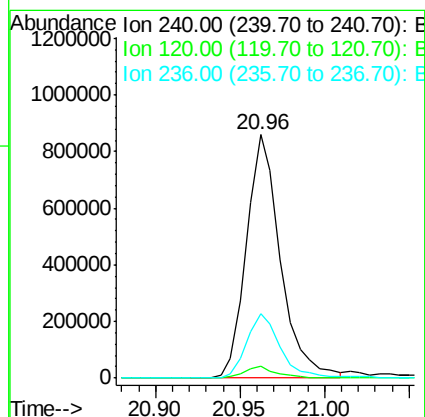
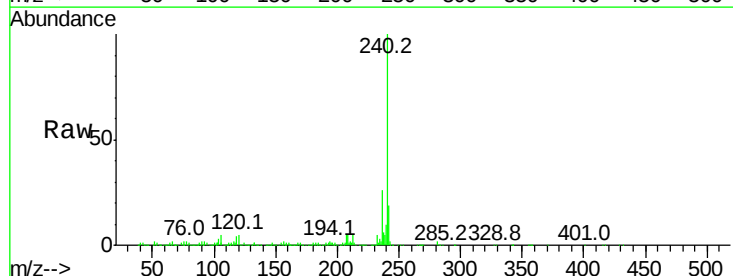
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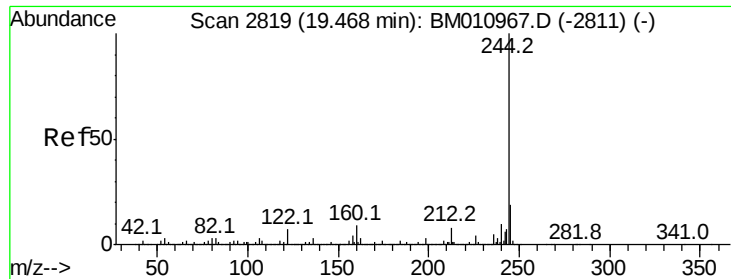
Tot Ion:188 Resp: 982161
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 7.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011157.D
Acq: 07 Aug 2017 18:05

Tgt Ion:240 Resp: 1211912
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 26.4 20.0 30.0



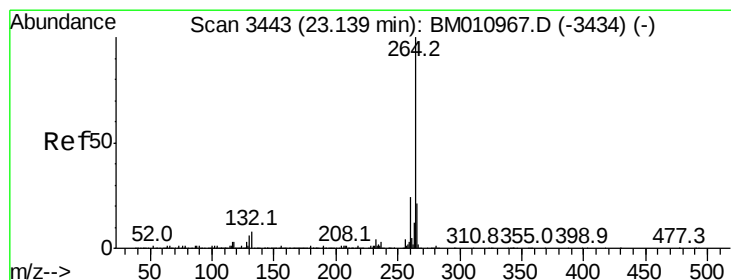
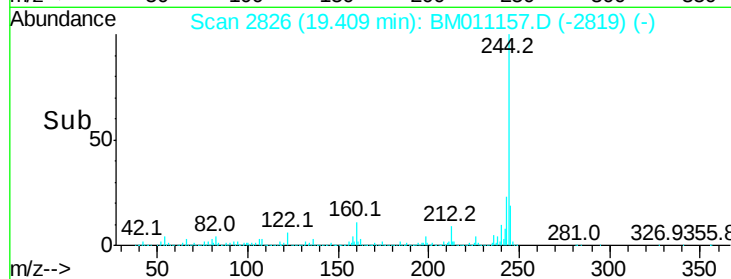
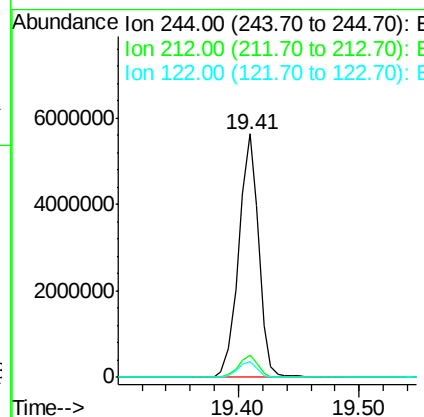
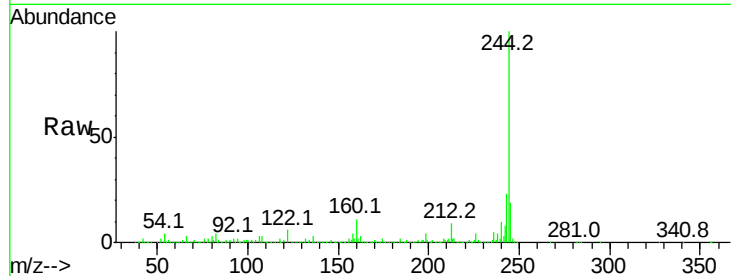


#78
 Terphenyl-d14
 Concen: 105.996 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011157.D
 Acq: 07 Aug 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-C

Tot Ion:244 Resp: 6484903

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011157.D
 Acq: 07 Aug 2017 18:05

Tgt Ion:264 Resp: 1284330

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.3	17.3	25.9

