

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011192.D
 Acq On : 10 Aug 2017 01:47
 Operator : SJ/JU
 Sample : I4657-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-D

Quant Time: Aug 10 03:43:26 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	7.29	152	121827	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	411854	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	265648	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	671391	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	955734	20.00	ng	-0.08
86) Perylene-d12	23.02	264	691286	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1037239	143.92	ng	-0.09
7) Phenol-d6	6.50	99	1313690	128.30	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1272592	115.97	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	593963	139.50	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2069403	97.70	ng	-0.09
78) Terphenyl-d14	19.39	244	3962398	82.13	ng	-0.08

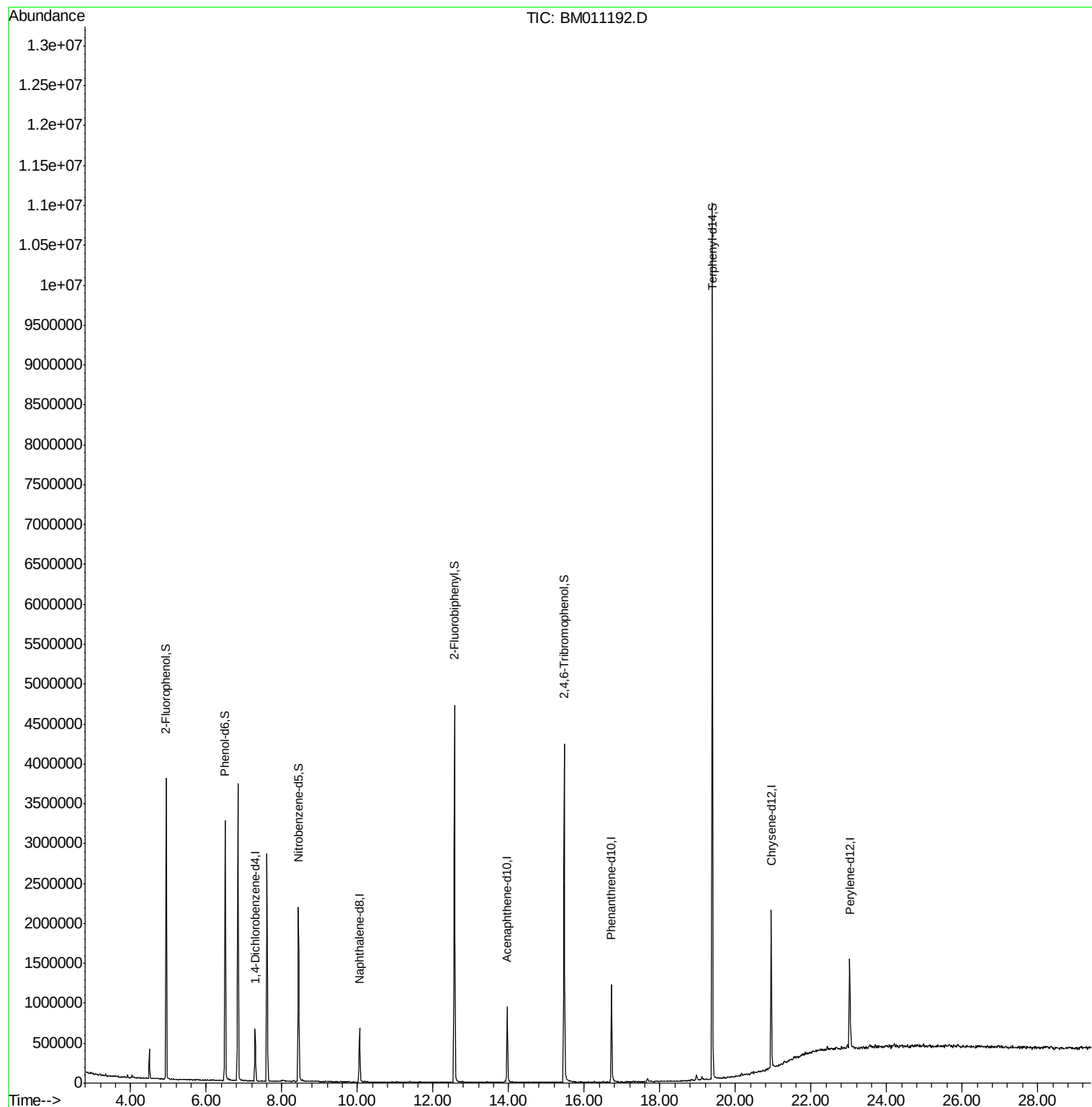
Target Compounds Qvalue

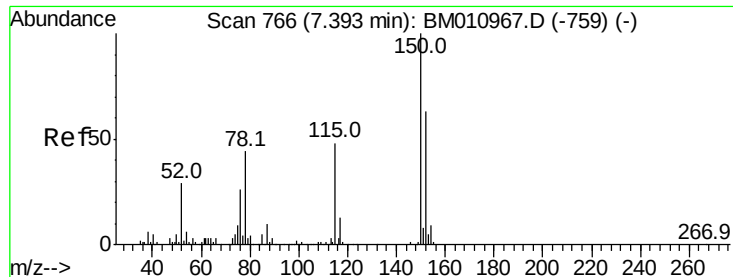
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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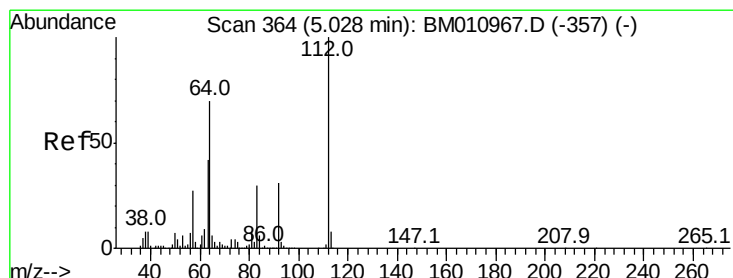
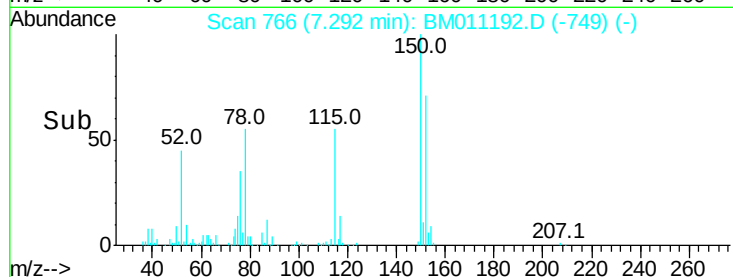
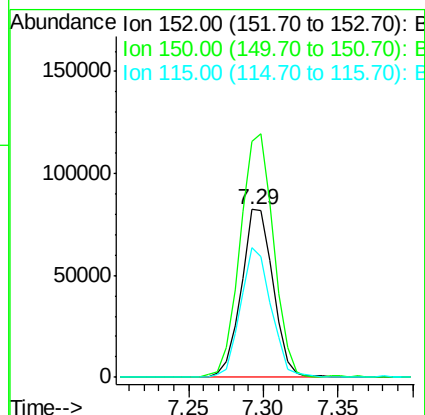
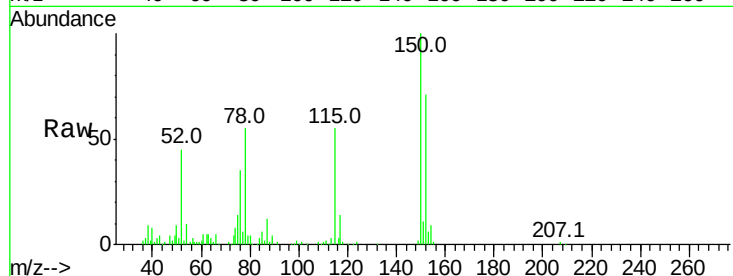


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011192.D
Acq: 10 Aug 2017 01:47

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-D

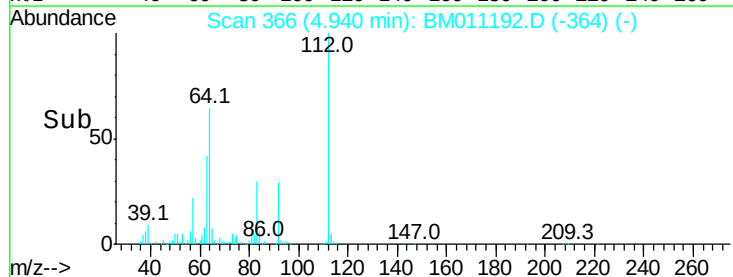
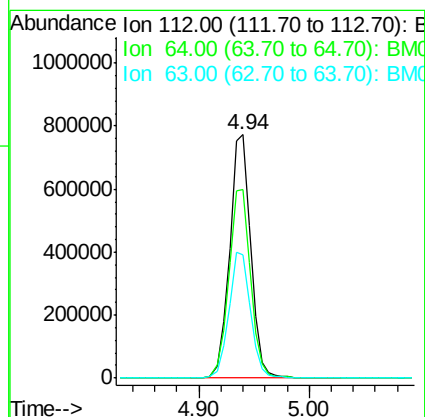
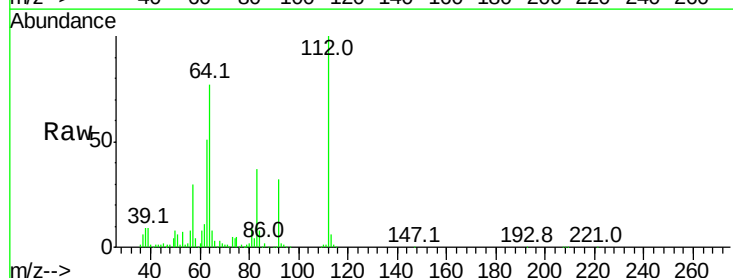
Tot Ion:152 Resp: 121827
Ion Ratio Lower Upper
152 100
150 140.7 119.5 179.3
115 77.2 43.0 64.4#

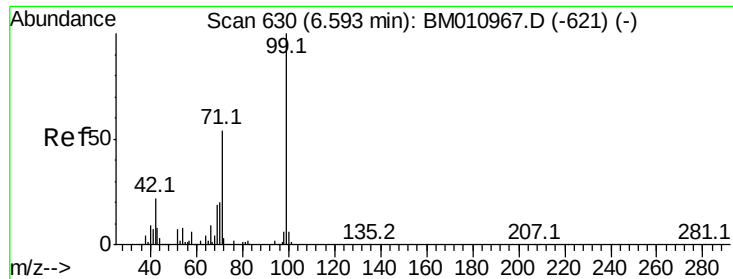


#5

2-Fluorophenol
Concen: 143.925 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011192.D
Acq: 10 Aug 2017 01:47

Tgt Ion:112 Resp: 1037239
Ion Ratio Lower Upper
112 100
64 77.4 38.6 57.8#
63 50.6 19.3 28.9#





#7

Phenol-d6

Concen: 128.295 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011192.D

Acq: 10 Aug 2017 01:47

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-D

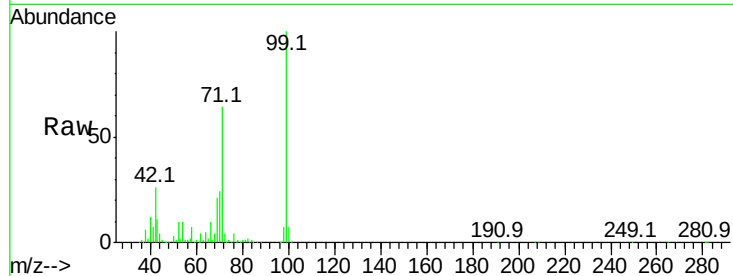
Tot Ion: 99 Resp: 1313690

Ion Ratio Lower Upper

99 100

42 26.1 11.0 16.4#

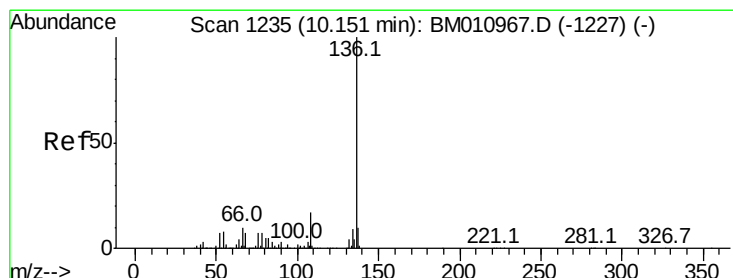
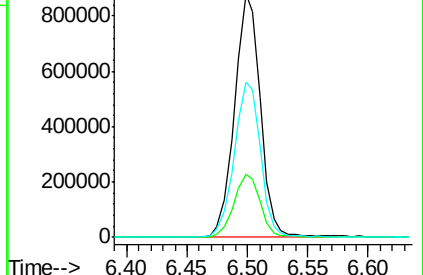
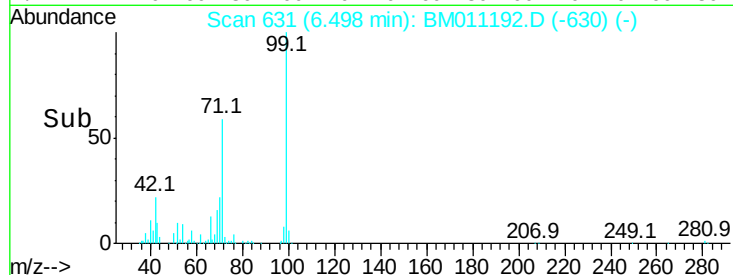
71 63.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011192.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011192.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011192.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011192.D

Acq: 10 Aug 2017 01:47

Tgt Ion: 136 Resp: 411854

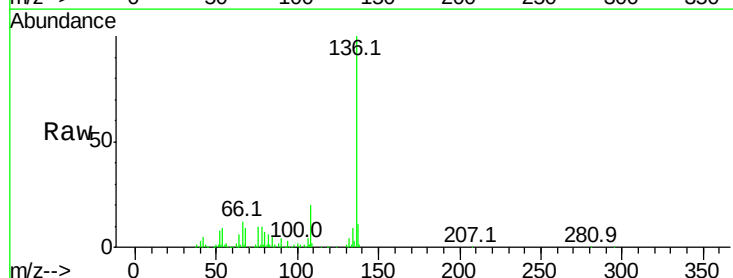
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 4.6 6.8#

68 9.3 3.7 5.5#

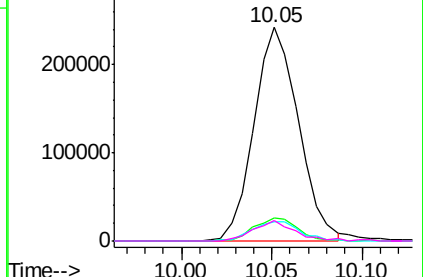
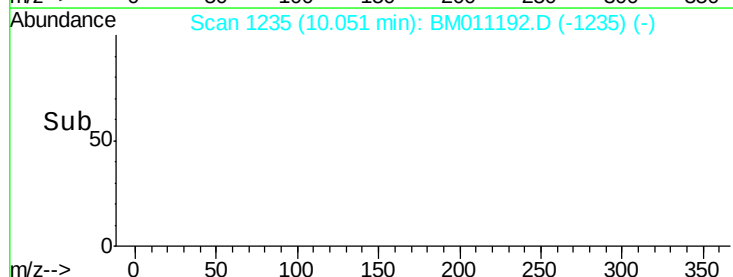


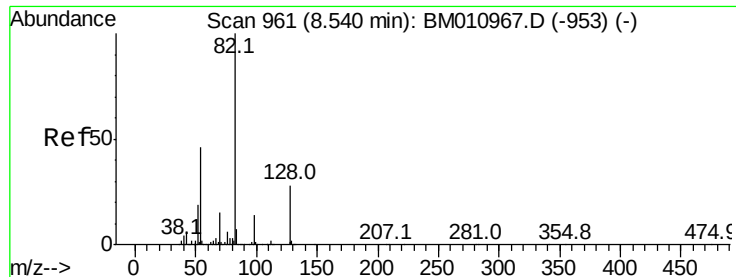
Abundance Ion 136.00 (135.70 to 136.70): BM011192.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011192.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011192.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011192.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 115.969 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011192.D

Acq: 10 Aug 2017 01:47

Instrument :

BNA_M

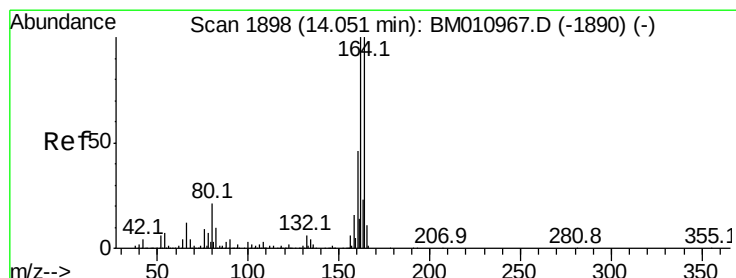
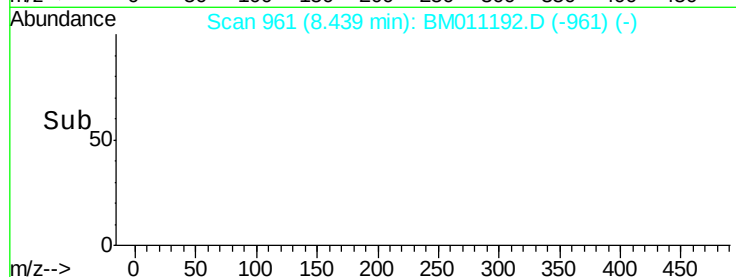
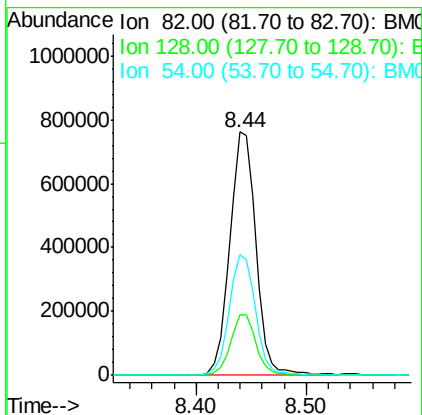
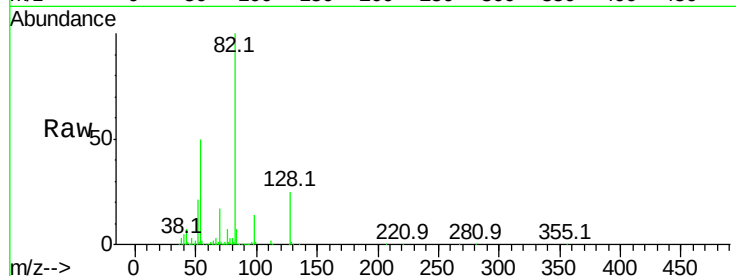
ClientSampleId :

CL-01-080717-D

Tot Ion: 82 Resp: 1272592

Ion Ratio Lower Upper

82	100		
128	24.8	32.8	49.2#
54	49.6	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.09 min

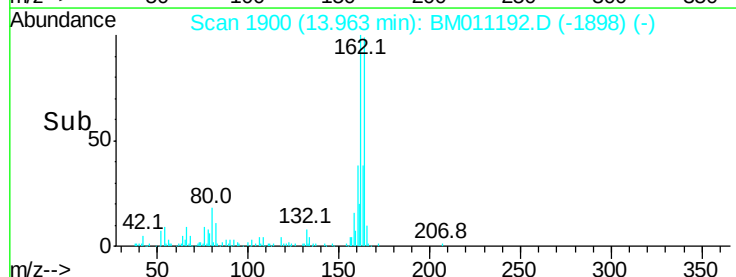
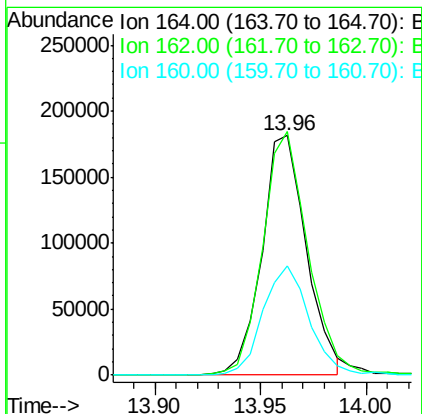
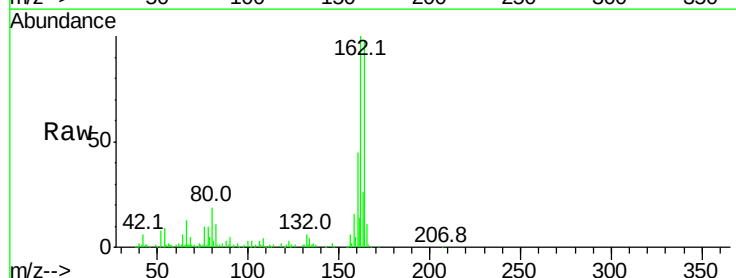
Lab File: BM011192.D

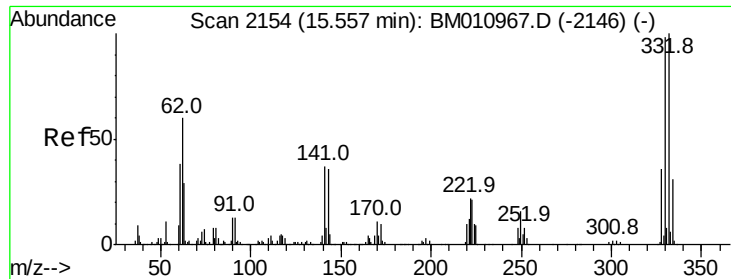
Acq: 10 Aug 2017 01:47

Tgt Ion: 164 Resp: 265648

Ion Ratio Lower Upper

164	100		
162	101.7	82.4	123.6
160	45.7	35.8	53.6

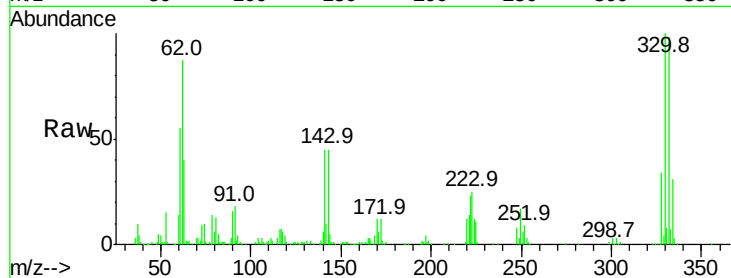




#41
 2,4,6-Tribromophenol
 Concen: 139.501 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011192.D
 Acq: 10 Aug 2017 01:47

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	46.7	0.0	0.0#

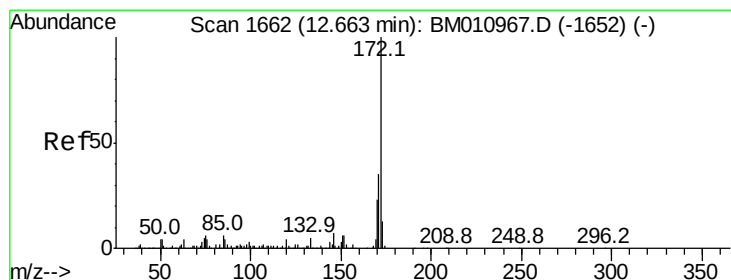
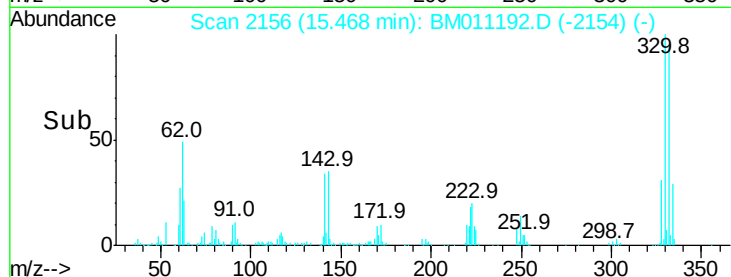
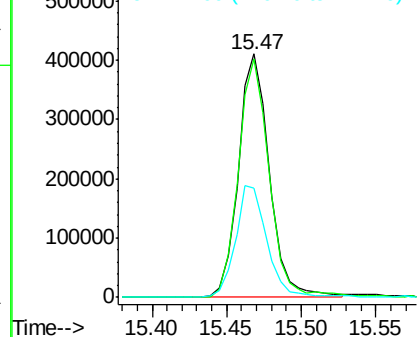


Abundance

Ion 329.80 (329.50 to 330.50): E

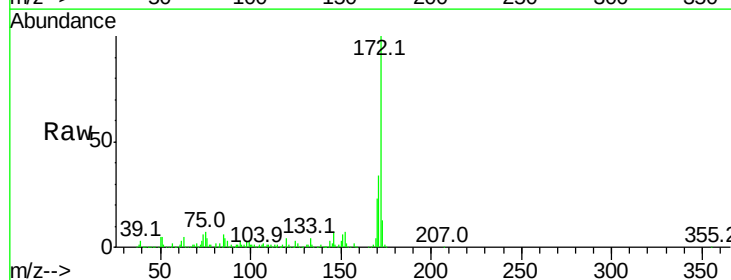
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.697 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011192.D
 Acq: 10 Aug 2017 01:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	23.4	18.8	28.2

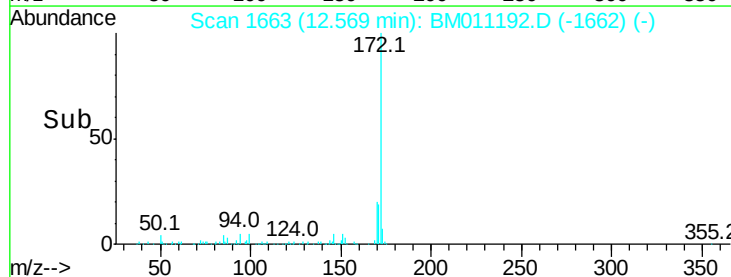
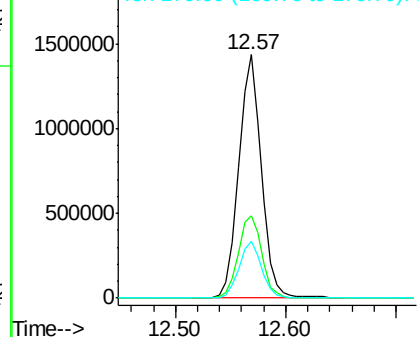


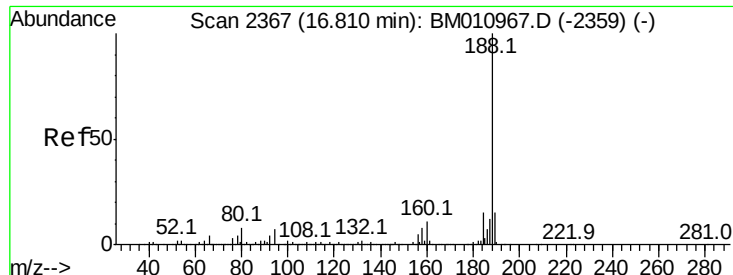
Abundance

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

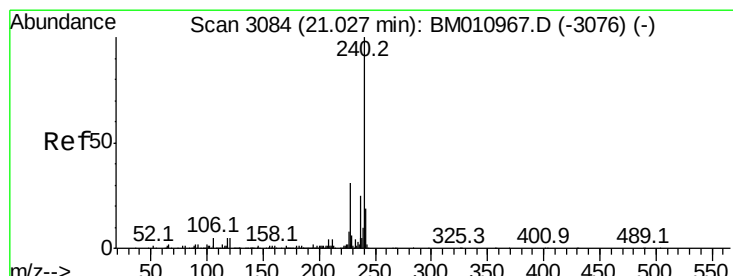
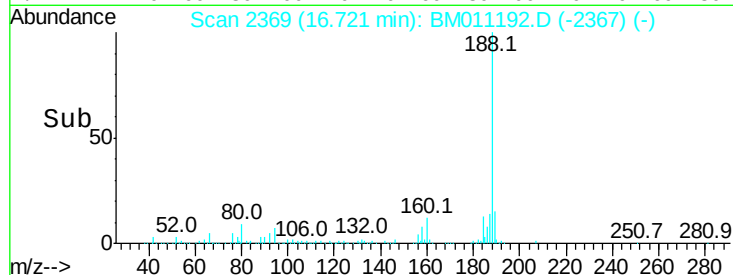
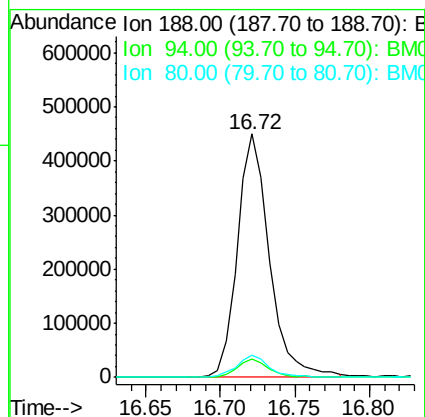
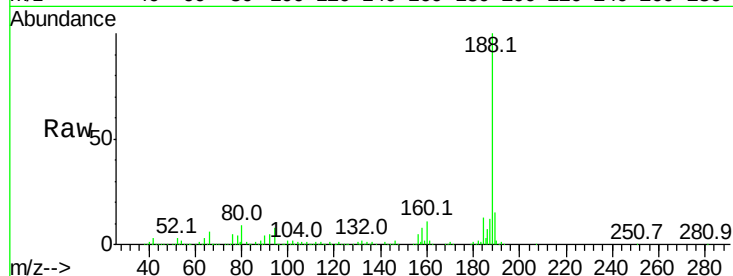




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.72 min Scan# 2369
 Delta R.T. -0.09 min
 Lab File: BM011192.D
 Acq: 10 Aug 2017 01:47

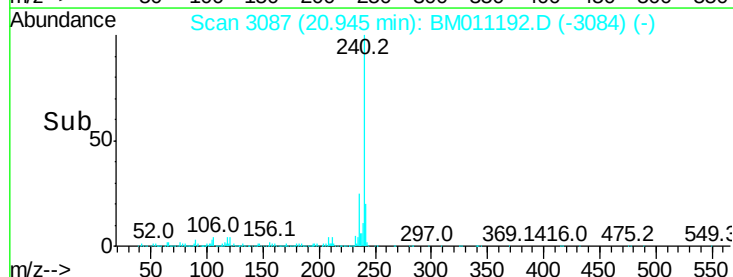
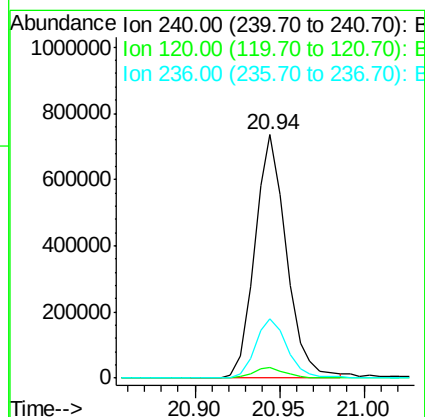
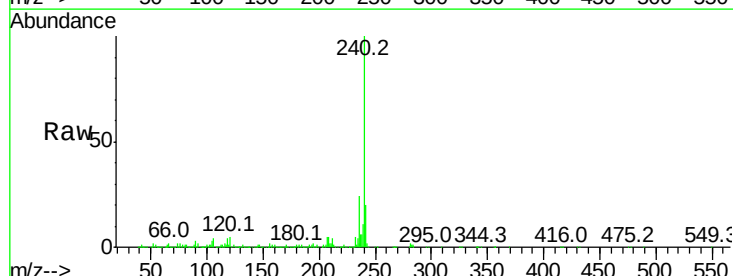
Instrument :
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 CL-01-080717-D

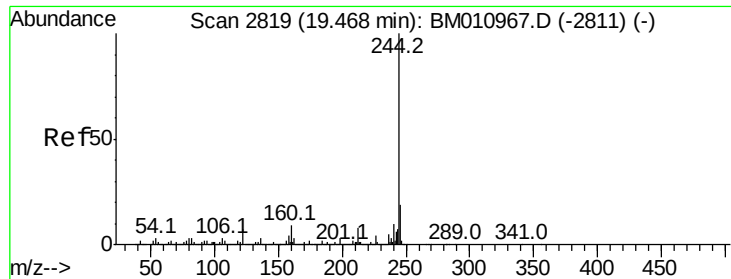
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	9.2	9.3	13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.08 min
 Lab File: BM011192.D
 Acq: 10 Aug 2017 01:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	24.5	20.0	30.0





#78

Terphenyl-d14

Concen: 82.125 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011192.D

Acq: 10 Aug 2017 01:47

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-D

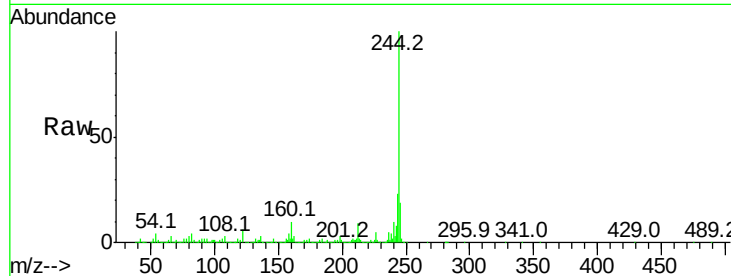
Tot Ion:244 Resp: 3962398

Ion Ratio Lower Upper

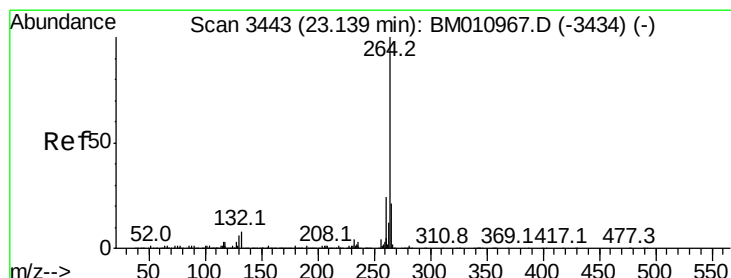
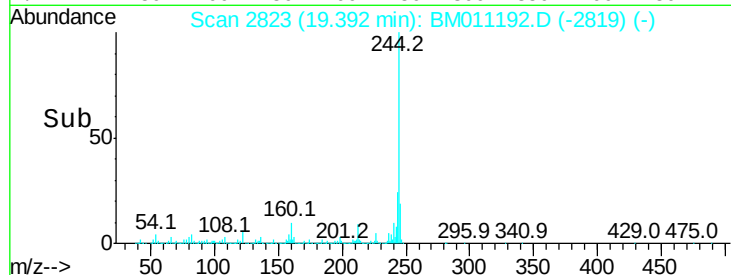
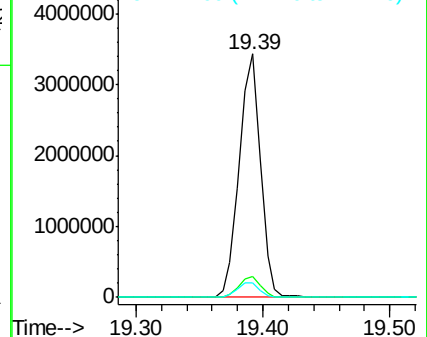
244 100

212 8.6 4.9 7.3#

122 6.1 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: BM011192.D

Acq: 10 Aug 2017 01:47

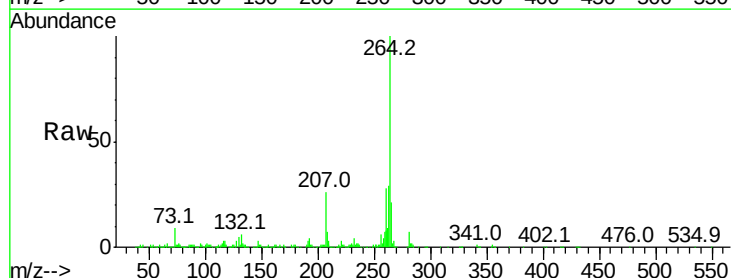
Tgt Ion:264 Resp: 691286

Ion Ratio Lower Upper

264 100

260 27.7 18.6 27.8

265 21.4 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

