

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
 Data File : BM011314.D
 Acq On : 19 Aug 2017 12:37
 Operator : SJ/JU
 Sample : I4875-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-A

Quant Time: Aug 21 01:59:49 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	143009	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	542462	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	347124	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	898027	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1140316	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1015913	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	947676	112.02	ng	-0.02
7) Phenol-d6	6.47	99	1256226	104.51	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1302786	90.14	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	632841	113.75	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2135807	77.17	ng	-0.02
78) Terphenyl-d14	19.37	244	4074793	70.78	ng	-0.02

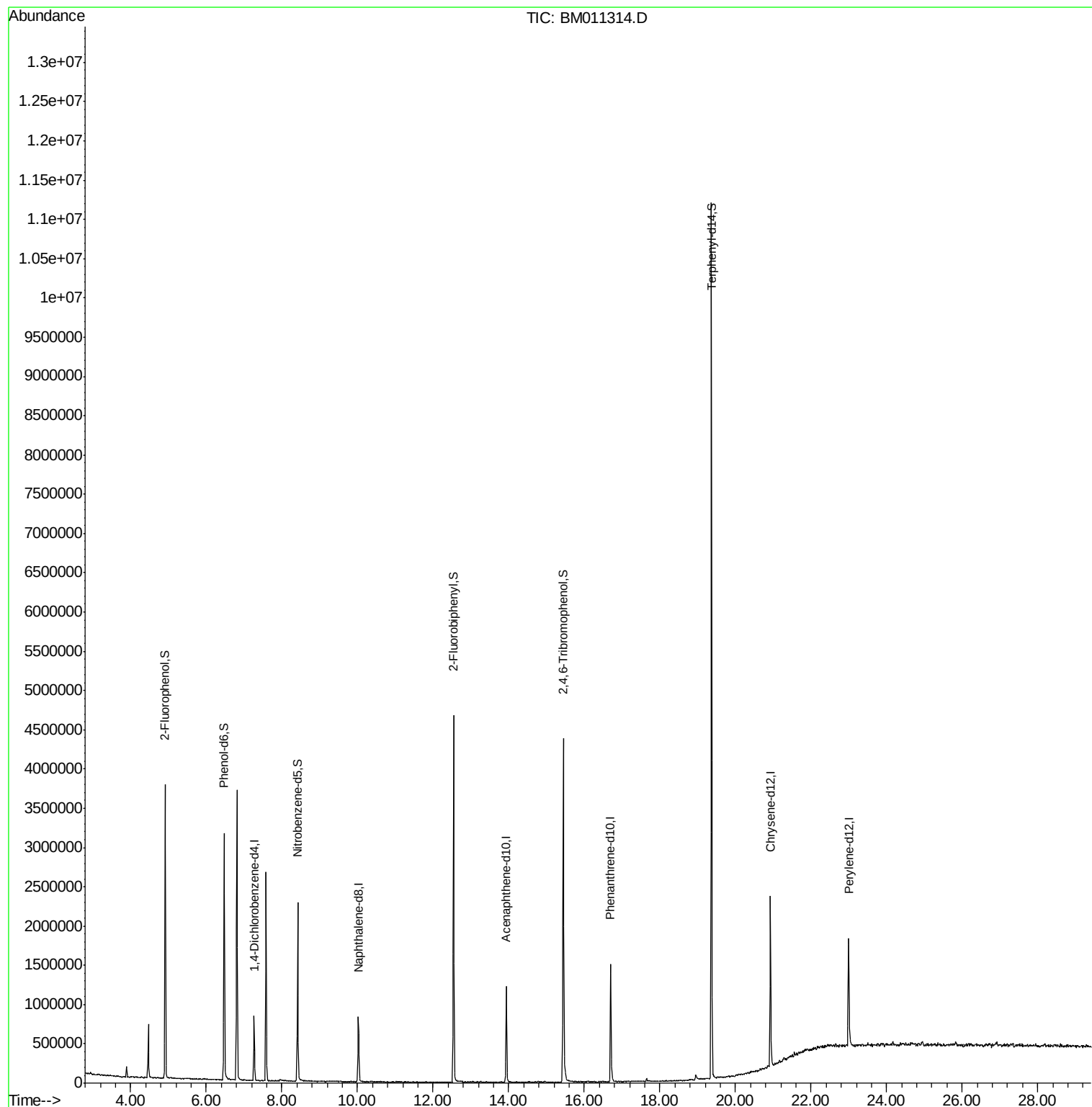
Target Compounds	Qvalue
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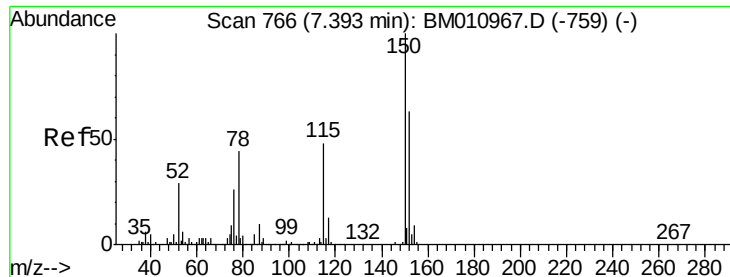
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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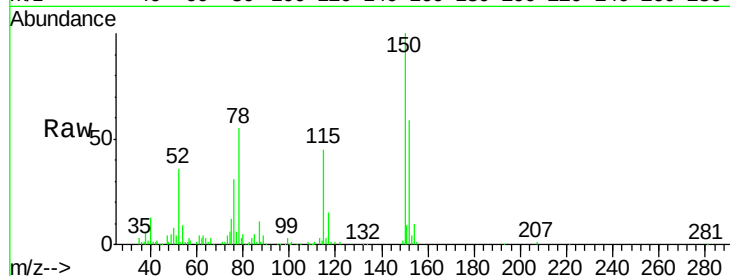


#1

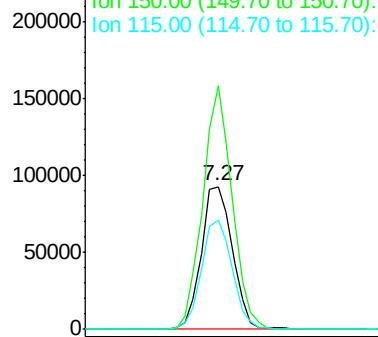
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

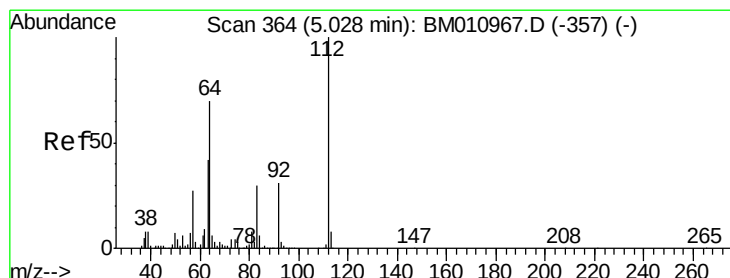
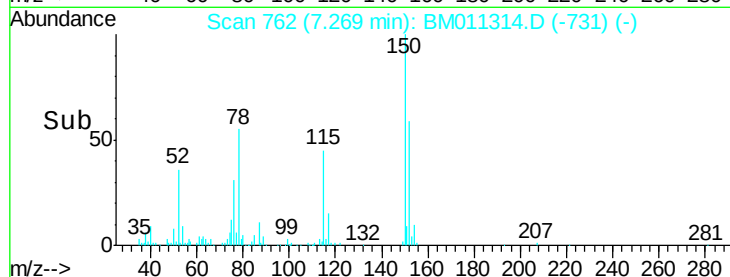
Tgt Ion	Ratio	Lower	Upper
152	100		
150	170.4	119.5	179.3
115	76.8	43.0	64.4



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



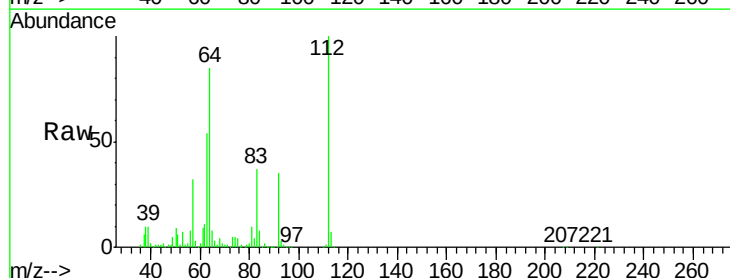
Time-->



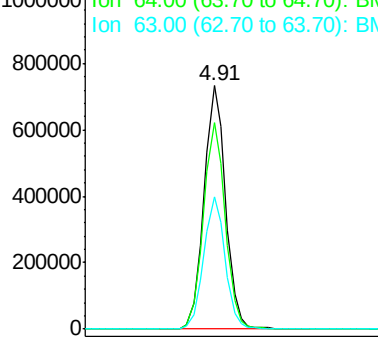
#5

2-Fluorophenol
Concen: 112.020 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

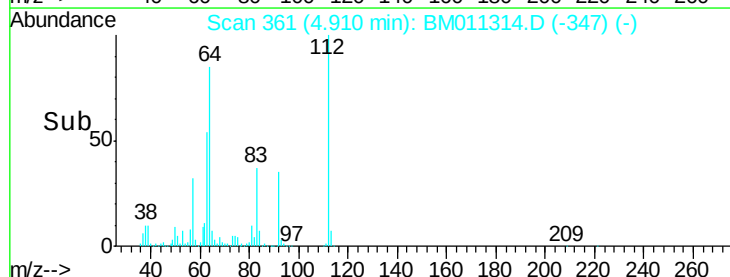
Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.6	38.6	57.8
63	54.2	19.3	28.9

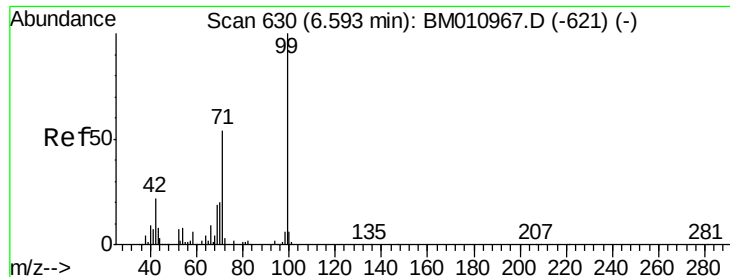


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 104.512 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011314.D

Acq: 19 Aug 2017 12:37

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-A

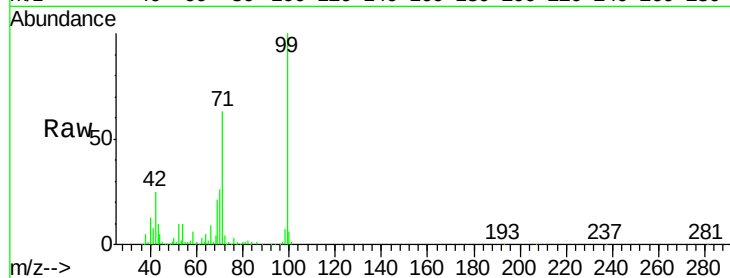
Tgt Ion: 99 Resp: 1256226

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

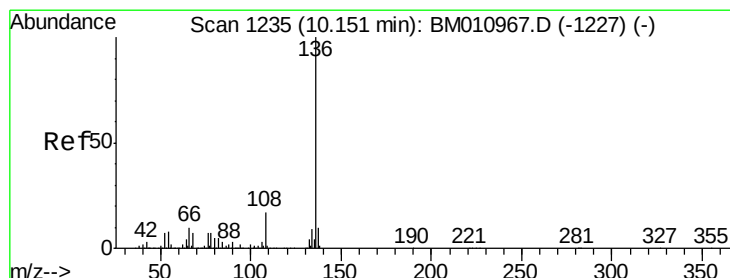
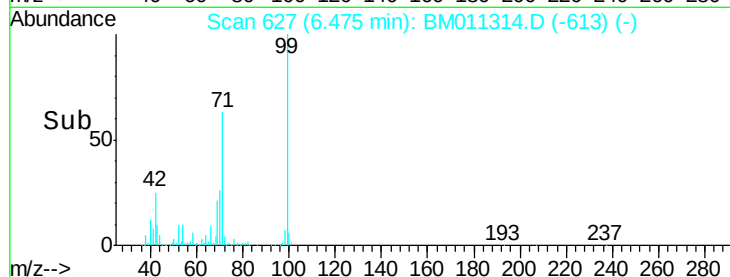
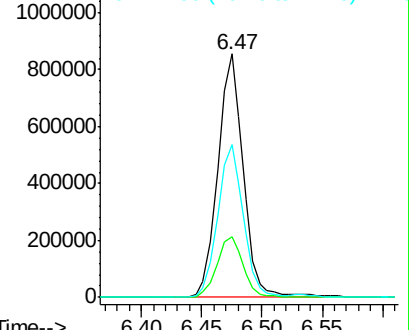
71 62.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011314.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011314.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011314.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011314.D

Acq: 19 Aug 2017 12:37

Tgt Ion: 136 Resp: 542462

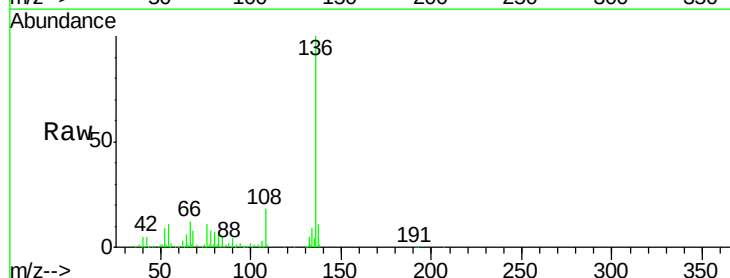
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.7 4.6 6.8#

68 7.6 3.7 5.5#

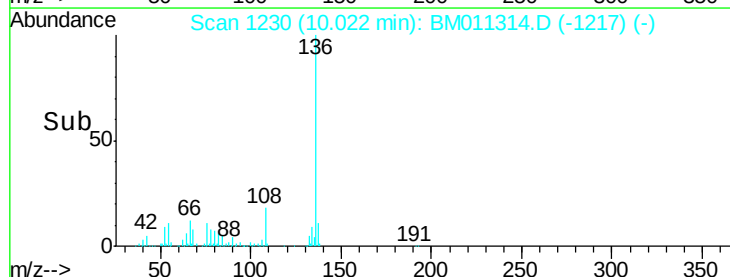
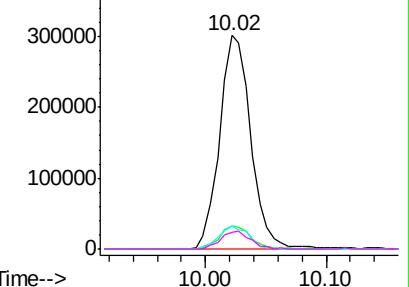


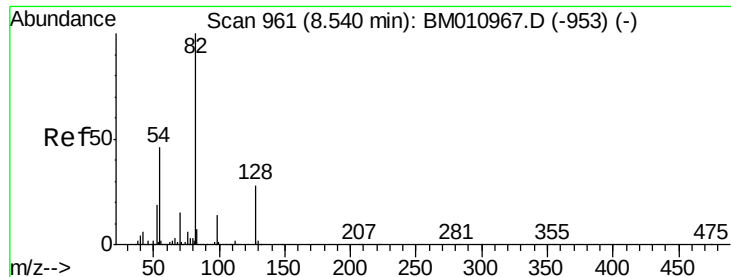
Abundance Ion 136.00 (135.70 to 136.70): BM011314.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011314.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011314.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011314.D (-1217) (-)





#23

Nitrobenzene-d5

Concen: 90.137 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011314.D

Acq: 19 Aug 2017 12:37

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-A

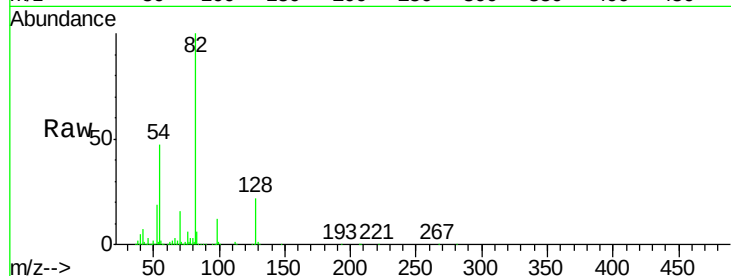
Tgt Ion: 82 Resp: 1302786

Ion Ratio Lower Upper

82 100

128 21.8 32.8 49.2#

54 47.0 40.6 60.8



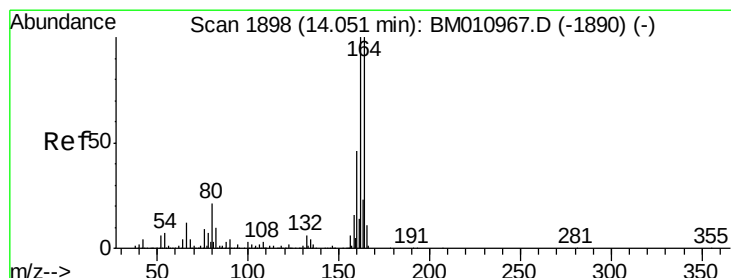
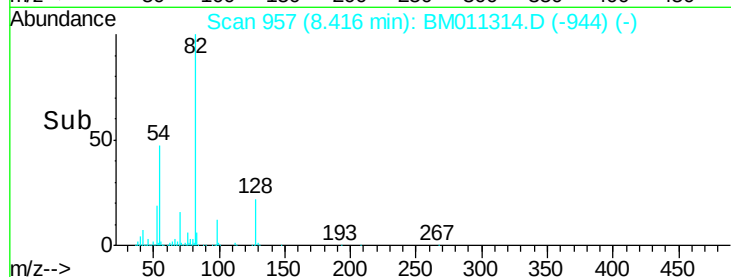
Abundance Ion 82.00 (81.70 to 82.70): BM011314.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011314.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011314.D (-944) (-)

8.42

Time--> 8.30 8.35 8.40 8.45 8.50



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM011314.D

Acq: 19 Aug 2017 12:37

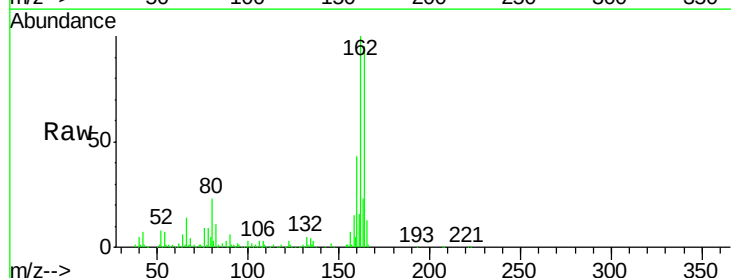
Tgt Ion: 164 Resp: 347124

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

160 45.2 35.8 53.6



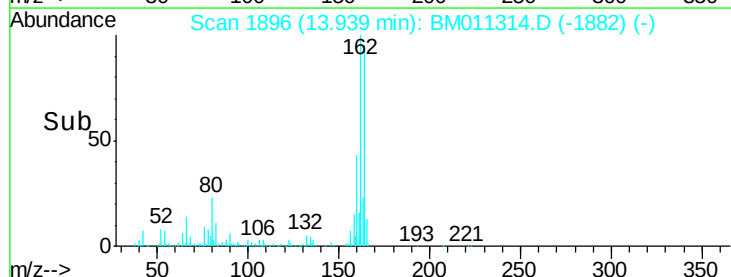
Abundance Ion 164.00 (163.70 to 164.70): BM011314.D (-1882) (-)

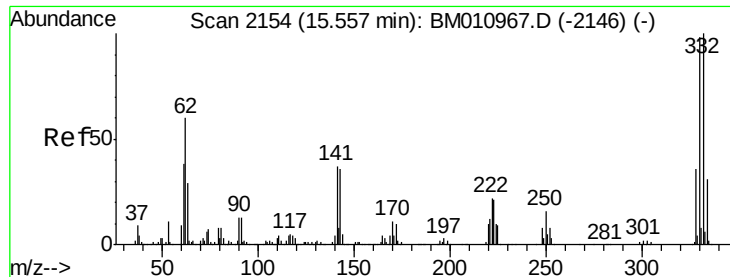
Ion 162.00 (161.70 to 162.70): BM011314.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011314.D (-1882) (-)

13.94

Time--> 13.90 13.95 14.00

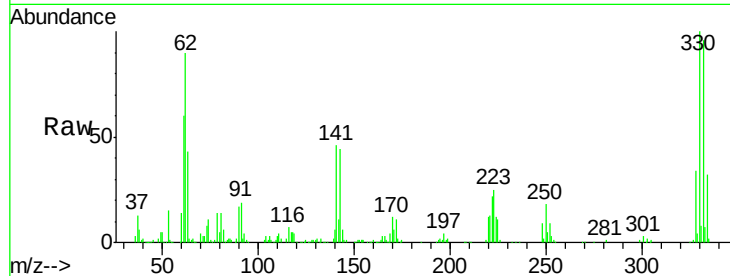




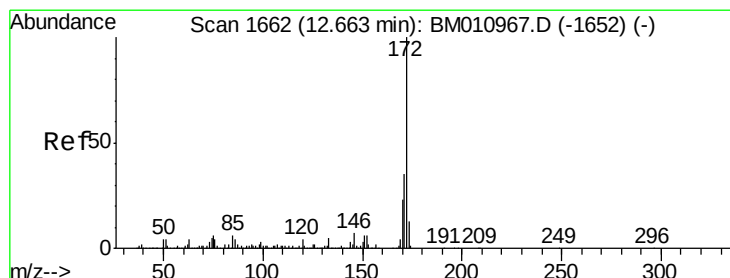
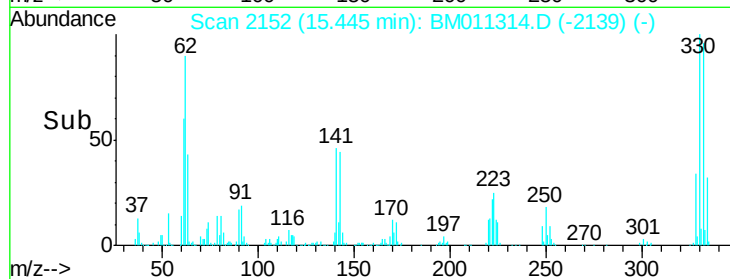
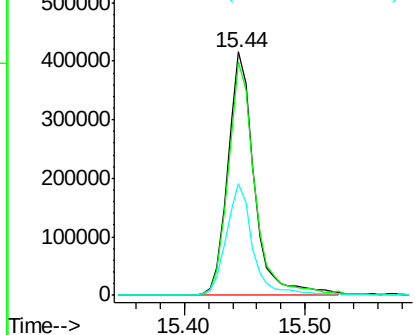
#41
 2,4,6-Tribromophenol
 Concen: 113.745 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011314.D
 Acq: 19 Aug 2017 12:37

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-A

Tgt Ion:330 Resp: 632841
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 45.3 0.0 0.0#

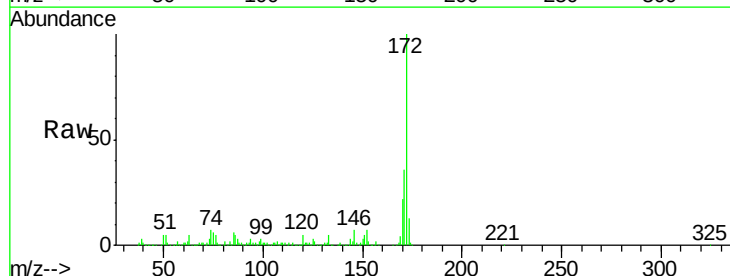


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

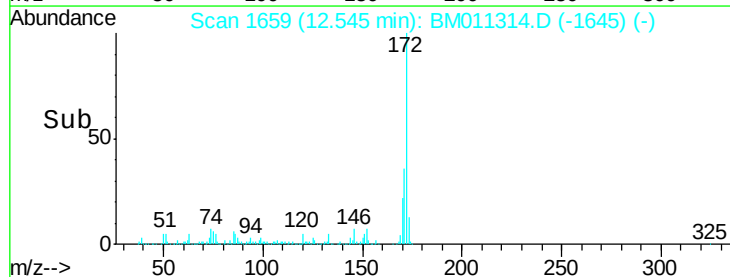
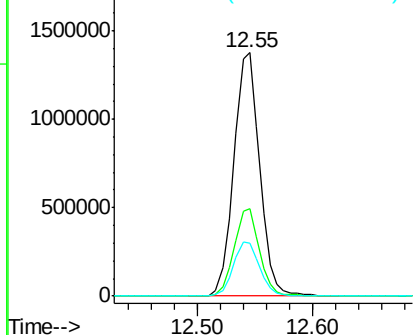


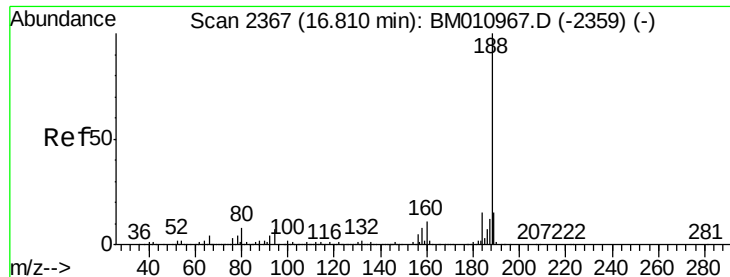
#44
 2-Fluorobiphenyl
 Concen: 77.165 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011314.D
 Acq: 19 Aug 2017 12:37

Tgt Ion:172 Resp: 2135807
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 21.8 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

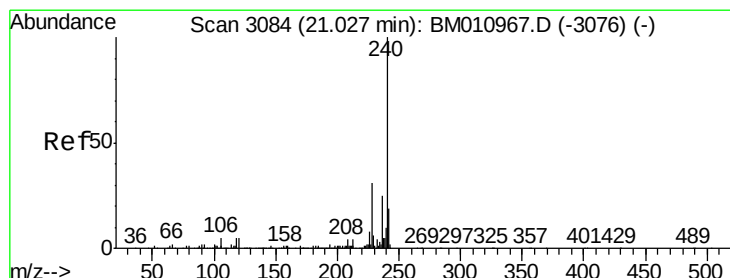
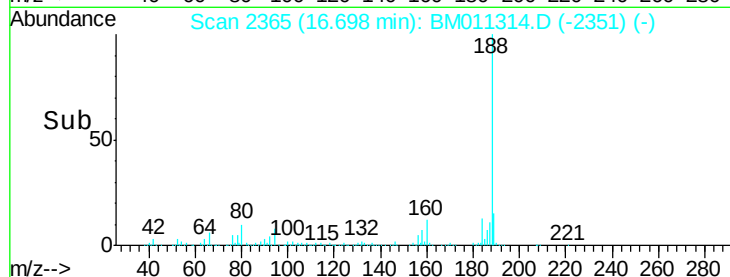
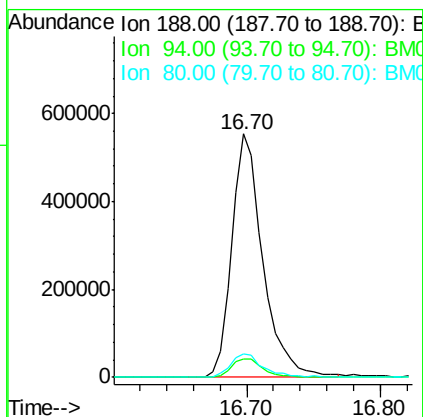
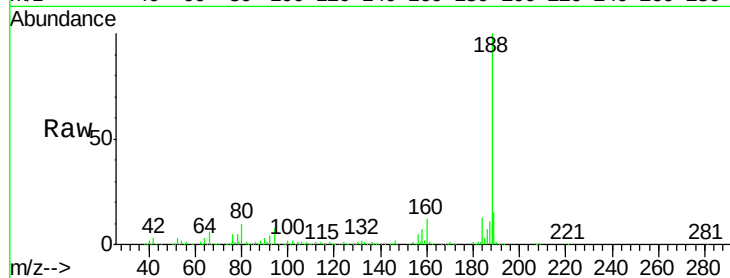




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

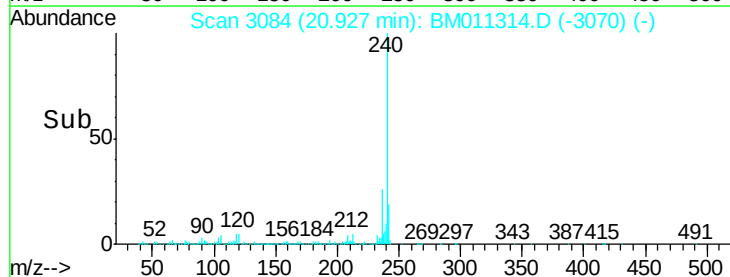
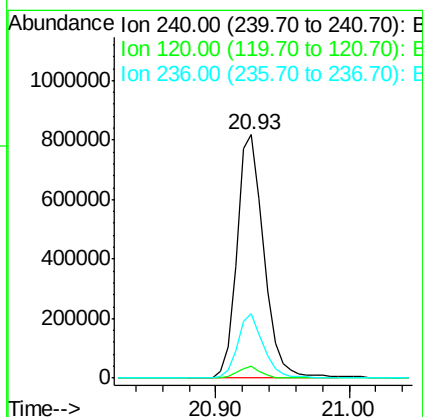
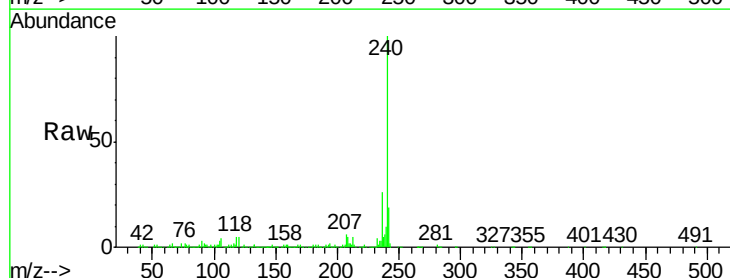
Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

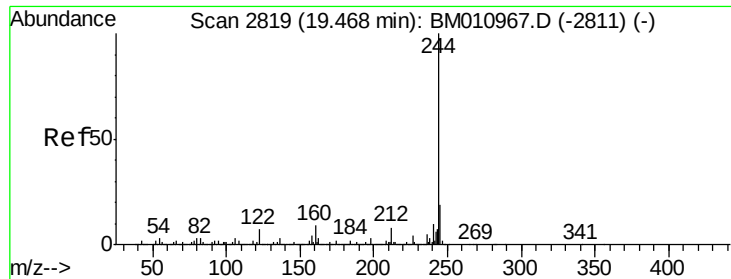
Tgt Ion:188 Resp: 898027
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:240 Resp: 1140316
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 26.4 20.0 30.0





#78

Terphenyl-d14

Concen: 70.784 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011314.D

Acq: 19 Aug 2017 12:37

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-A

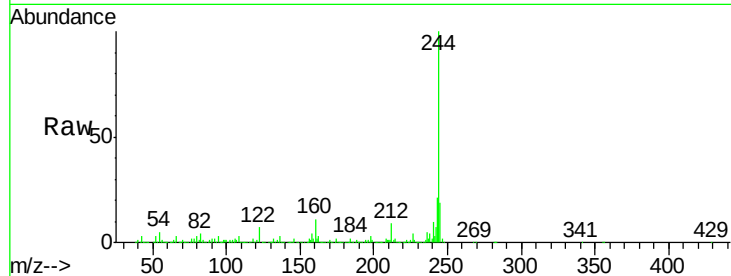
Tgt Ion:244 Resp: 4074793

Ion Ratio Lower Upper

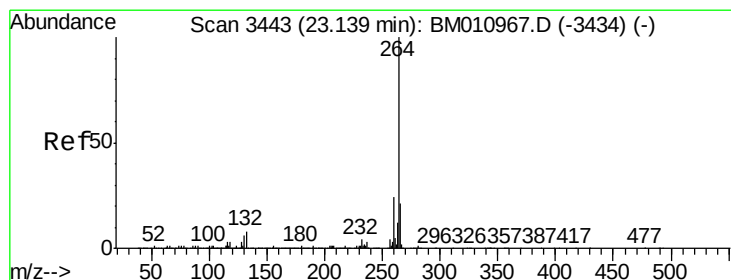
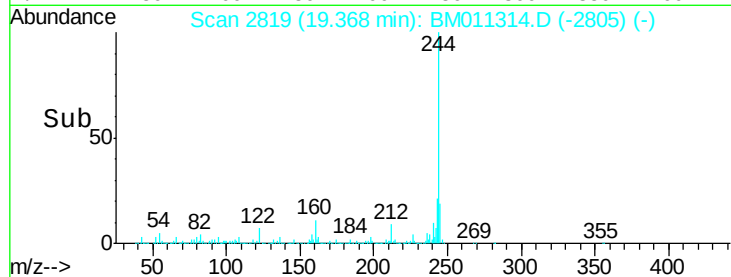
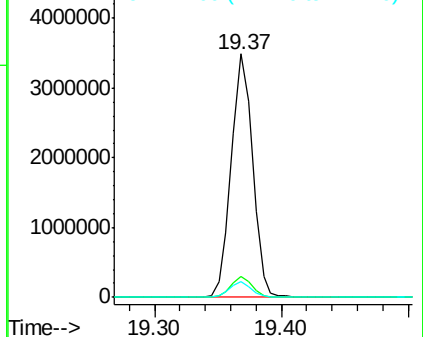
244 100

212 8.6 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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011314.D

Acq: 19 Aug 2017 12:37

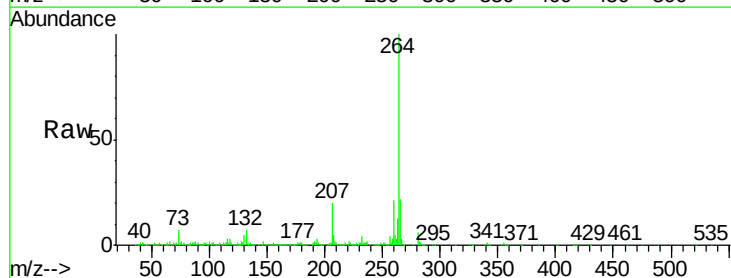
Tgt Ion:264 Resp: 1015913

Ion Ratio Lower Upper

264 100

260 21.2 18.6 27.8

265 21.7 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

