

Data Path : U:\HPCHEM1\BNA M\DATA\BM081917\
 Data File : BM011318.D
 Acq On : 19 Aug 2017 15:02
 Operator : SJ/JU
 Sample : I4875-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 21 02:05:18 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	118554	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	403915	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	259071	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	662208	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	897668	20.00	ng	-0.02
86) Perylene-d12	22.99	264	856748	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	819435	116.84	ng	-0.02
7) Phenol-d6	6.47	99	1072832	107.67	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1131610	105.15	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	491345	118.33	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1748405	84.64	ng	-0.02
78) Terphenyl-d14	19.37	244	3284098	72.47	ng	-0.02

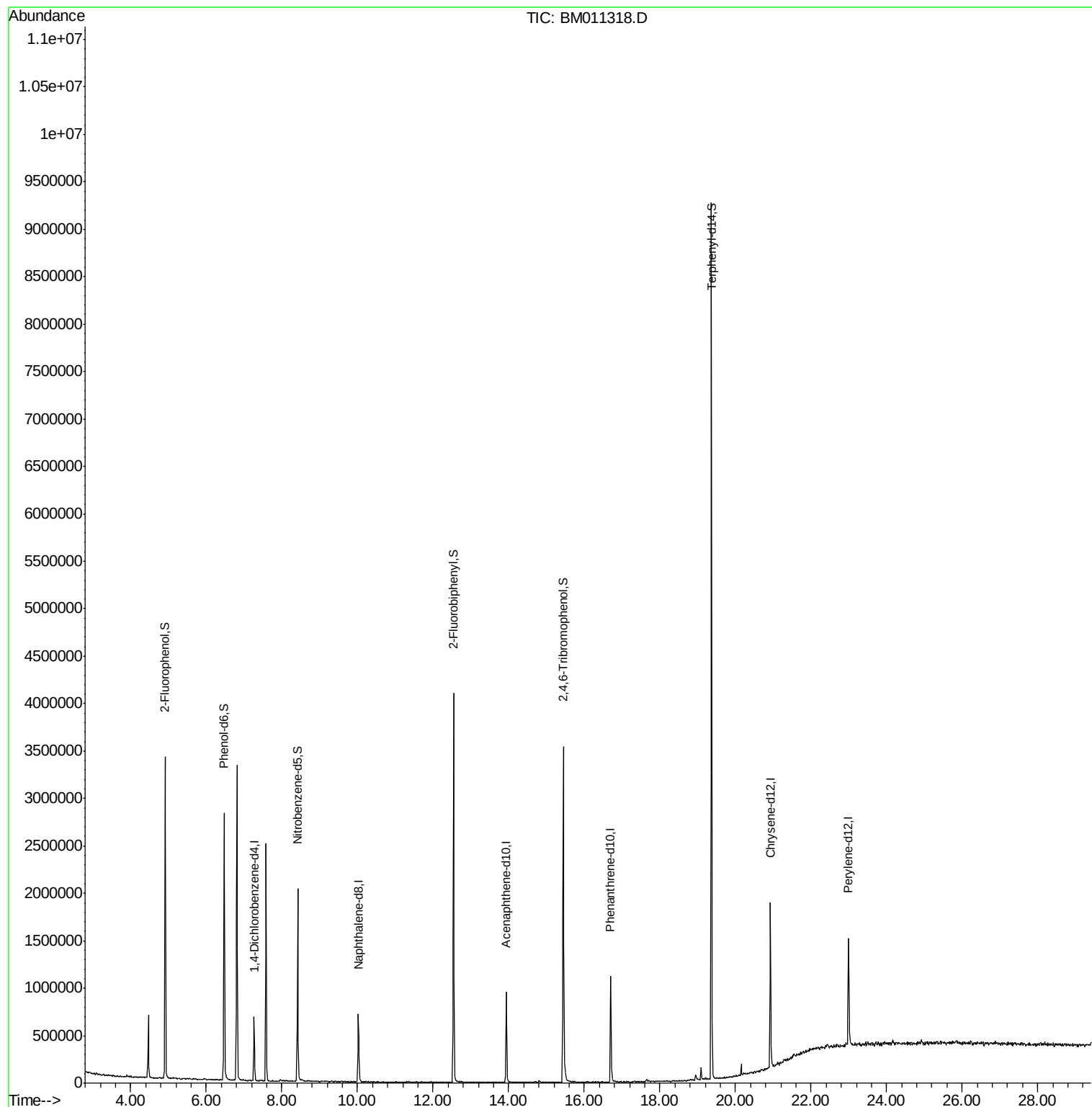
Target Compounds Qvalue

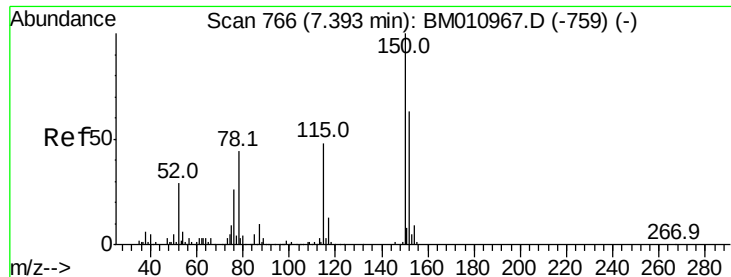
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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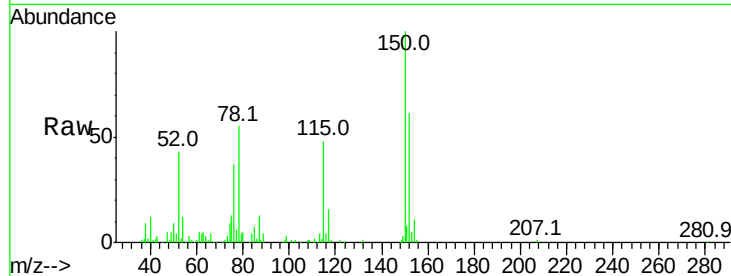


#1

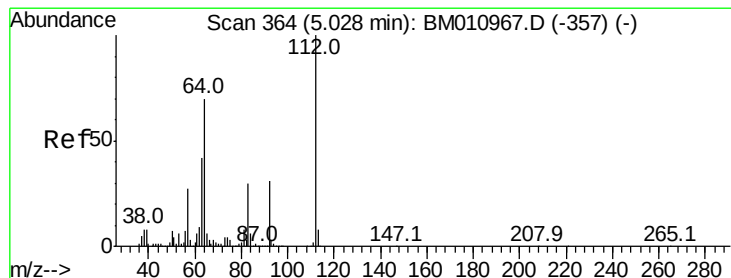
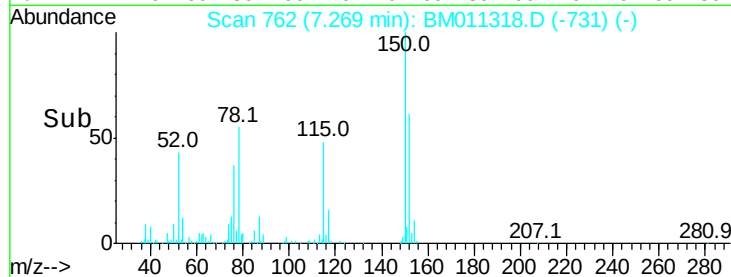
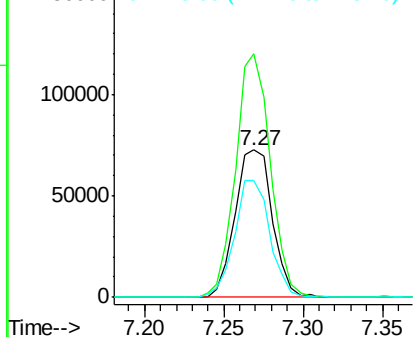
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011318.D
Acq: 19 Aug 2017 15:02

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

Tot Ion:152 Resp: 118554
Ion Ratio Lower Upper
152 100
150 165.1 119.5 179.3
115 79.4 43.0 64.4#



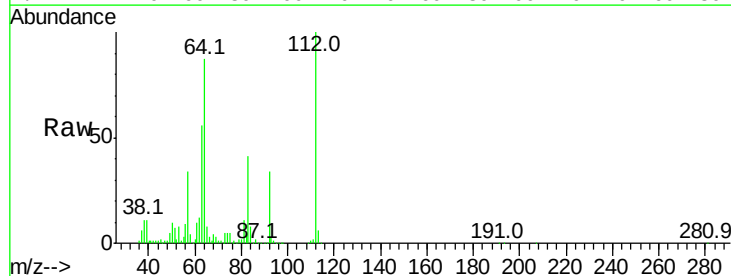
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



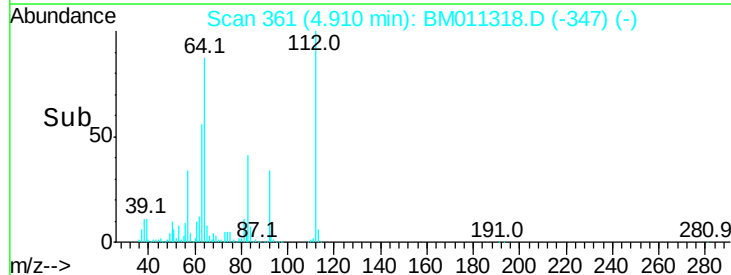
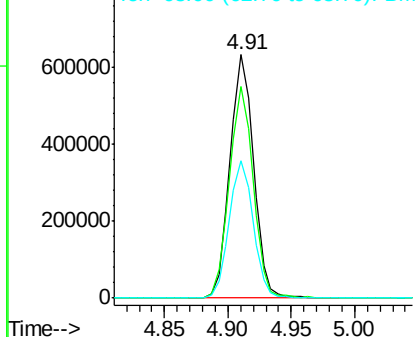
#5

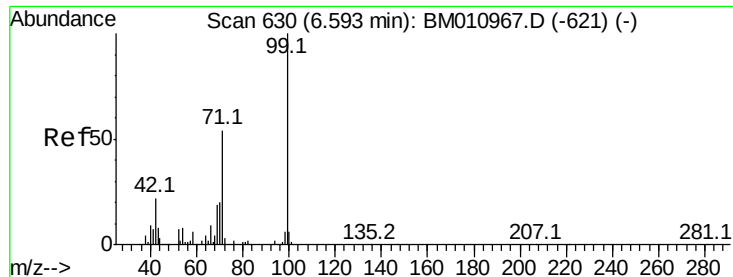
2-Fluorophenol
Concen: 116.842 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011318.D
Acq: 19 Aug 2017 15:02

Tgt Ion:112 Resp: 819435
Ion Ratio Lower Upper
112 100
64 87.1 38.6 57.8#
63 56.2 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





#7

Phenol-d6

Concen: 107.666 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011318.D

Acq: 19 Aug 2017 15:02

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-E

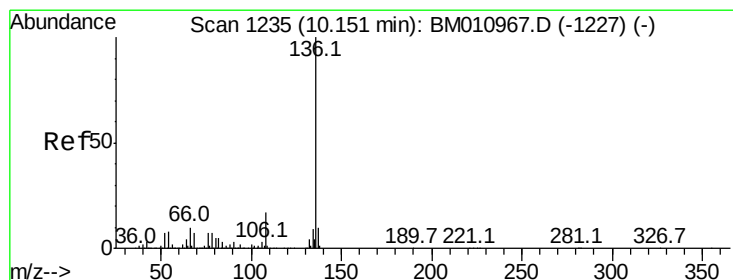
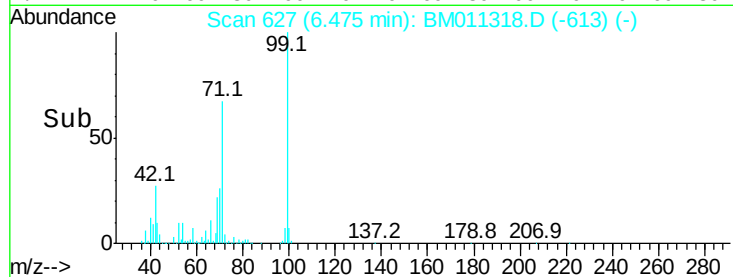
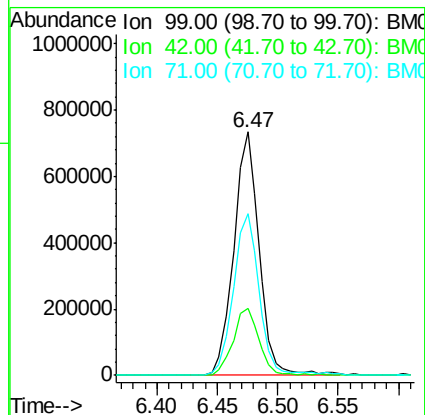
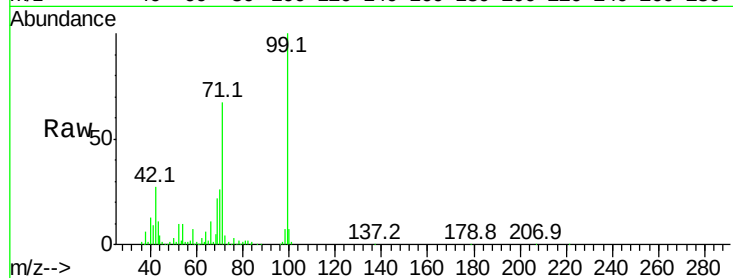
Tot Ion: 99 Resp: 1072832

Ion Ratio Lower Upper

99 100

42 27.5 11.0 16.4#

71 66.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011318.D

Acq: 19 Aug 2017 15:02

Tgt Ion: 136 Resp: 403915

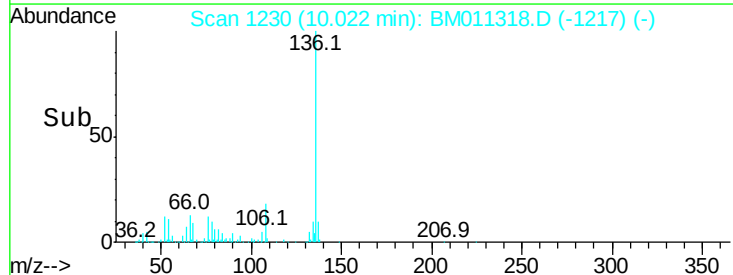
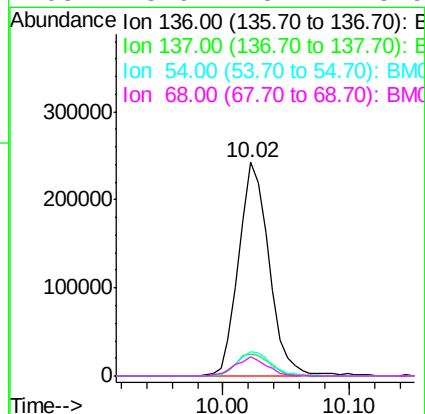
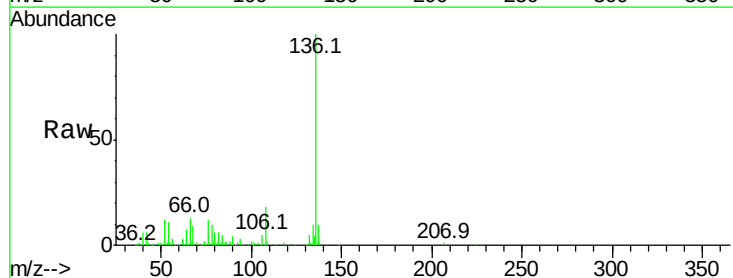
Ion Ratio Lower Upper

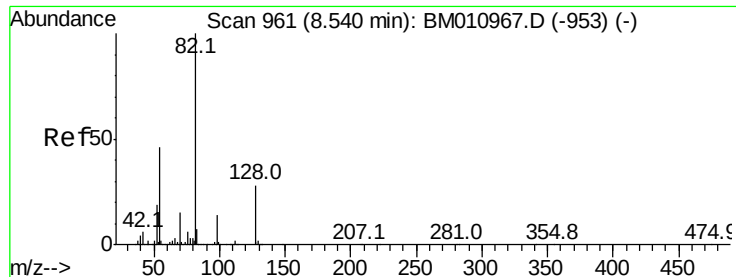
136 100

137 10.3 8.7 13.1

54 11.4 4.6 6.8#

68 8.9 3.7 5.5#

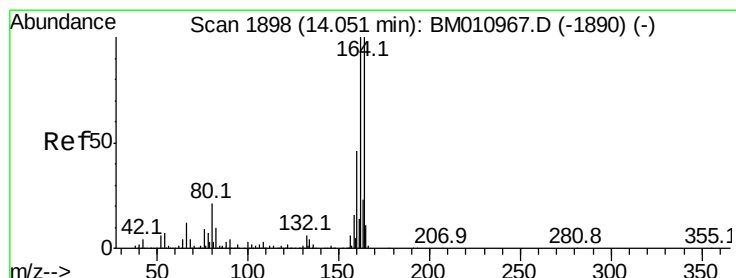
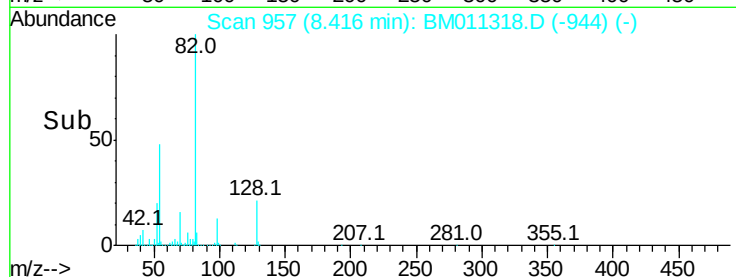
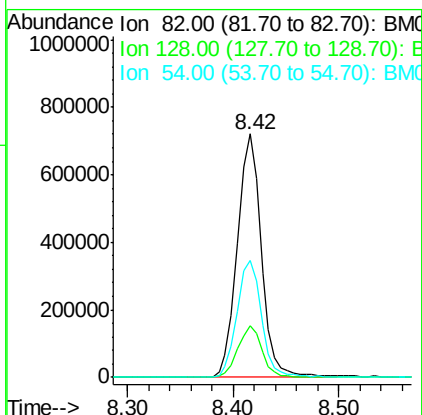
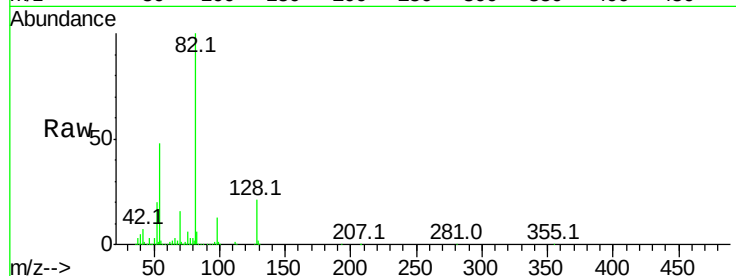




#23
 Nitrobenzene-d5
 Concen: 105.149 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011318.D
 Acq: 19 Aug 2017 15:02

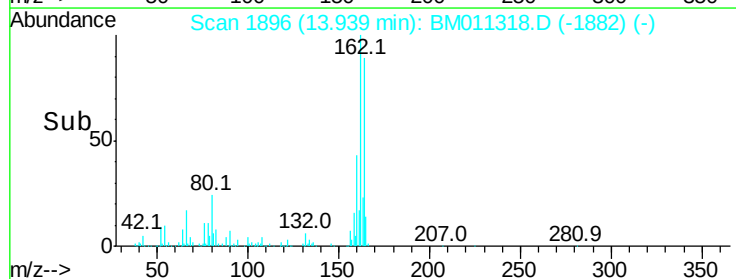
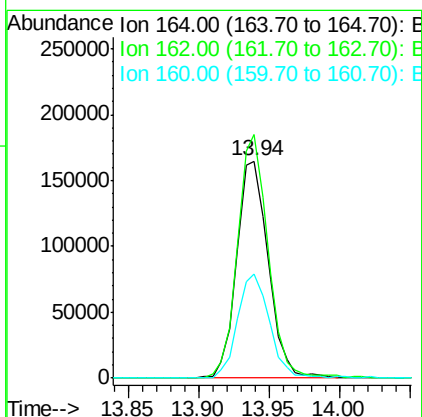
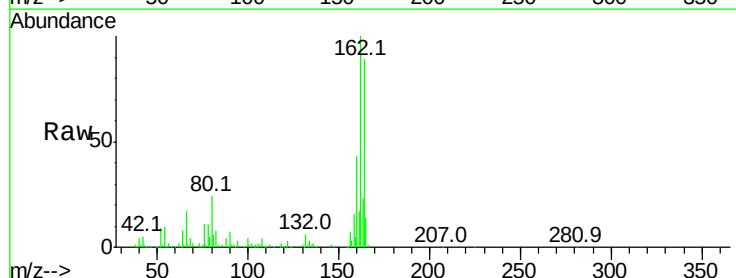
Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-E

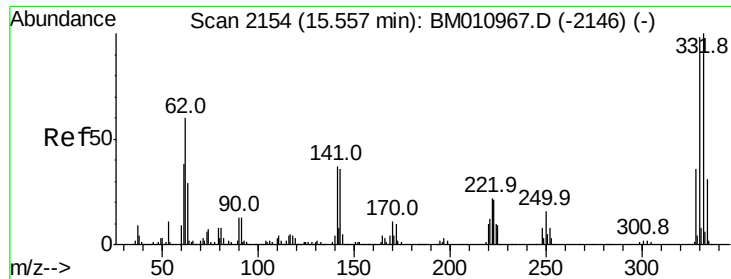
Tot Ion: 82 Resp: 1131610
 Ion Ratio Lower Upper
 82 100
 128 21.0 32.8 49.2#
 54 48.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011318.D
 Acq: 19 Aug 2017 15:02

Tgt Ion:164 Resp: 259071
 Ion Ratio Lower Upper
 164 100
 162 112.1 82.4 123.6
 160 48.2 35.8 53.6

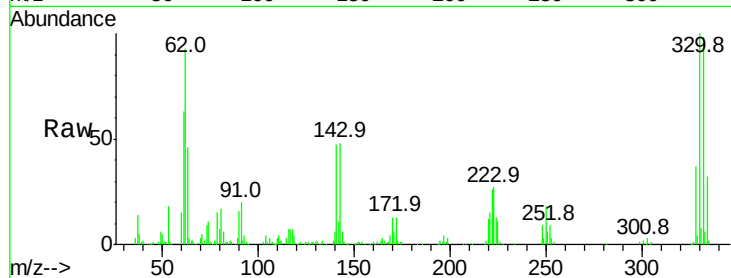




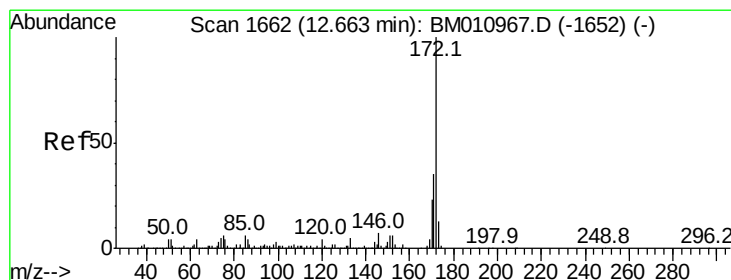
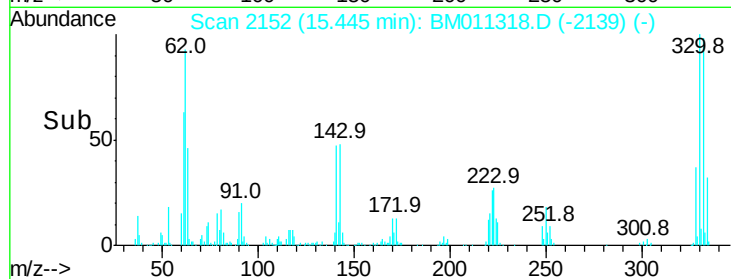
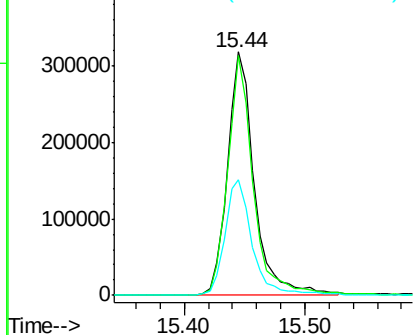
#41
 2,4,6-Tribromophenol
 Concen: 118.329 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011318.D
 Acq: 19 Aug 2017 15:02

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	0.0	0.0#
141	48.0	0.0	0.0#

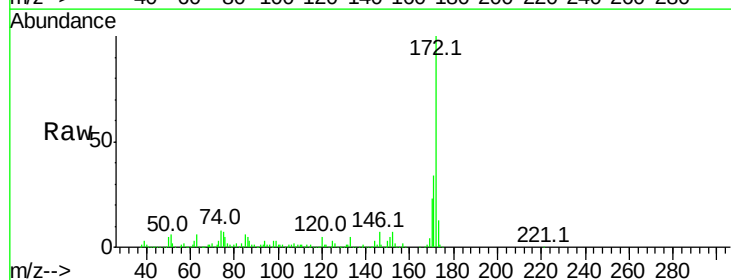


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

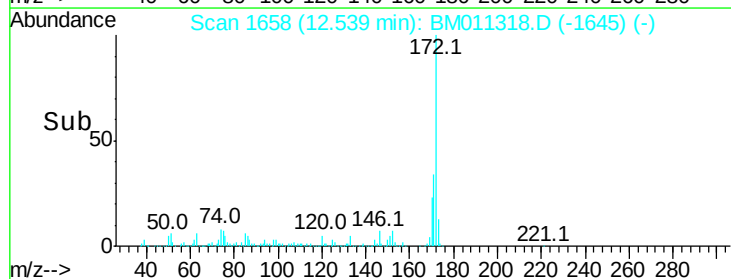
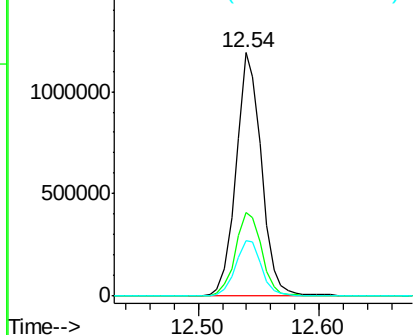


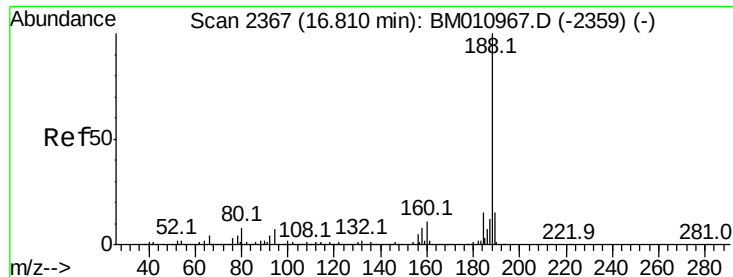
#44
 2-Fluorobiphenyl
 Concen: 84.638 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011318.D
 Acq: 19 Aug 2017 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.8	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

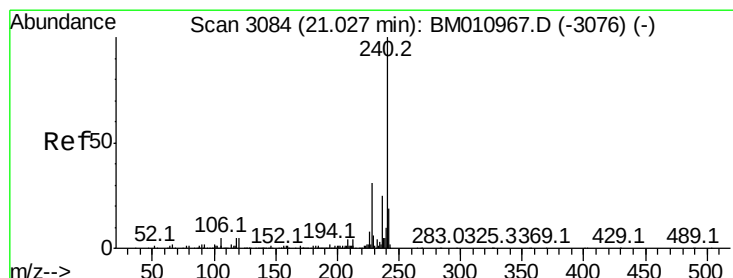
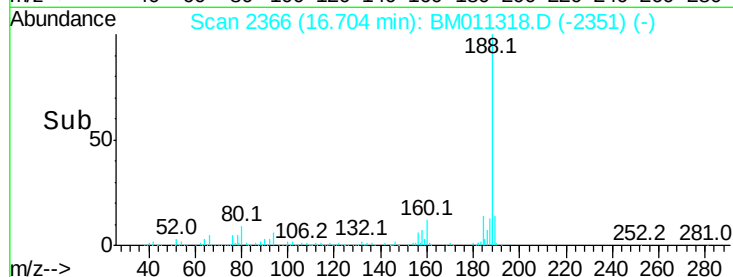
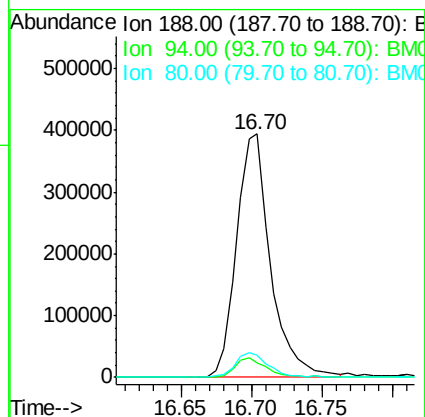
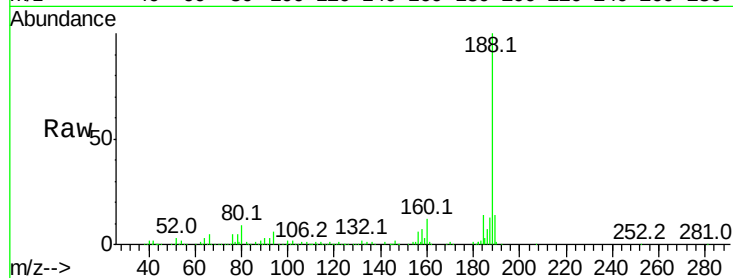




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011318.D
Acq: 19 Aug 2017 15:02

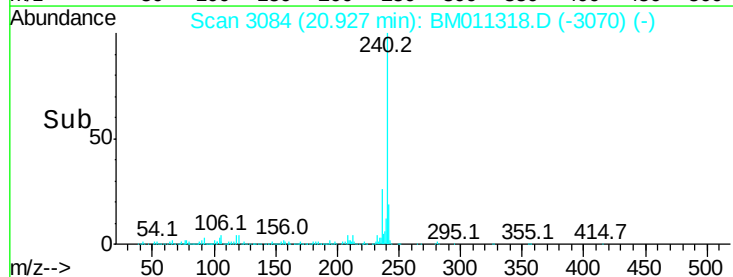
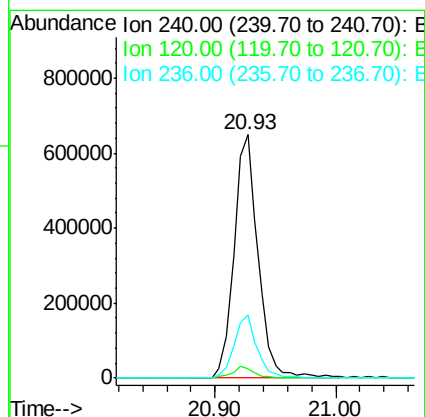
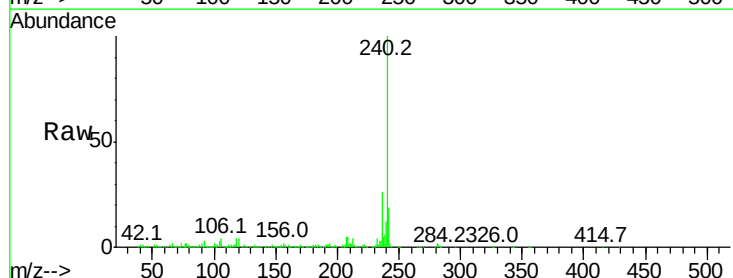
Instrument :
BNA_M
ClientSampleId :
CL-02-081717-E

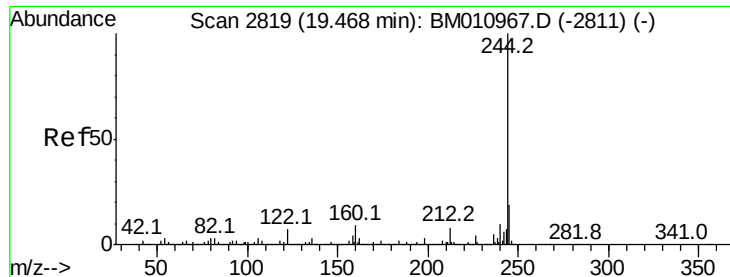
Tot Ion:188 Resp: 662208
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011318.D
Acq: 19 Aug 2017 15:02

Tgt Ion:240 Resp: 897668
Ion Ratio Lower Upper
240 100
120 3.6 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 72.470 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011318.D

Acq: 19 Aug 2017 15:02

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-E

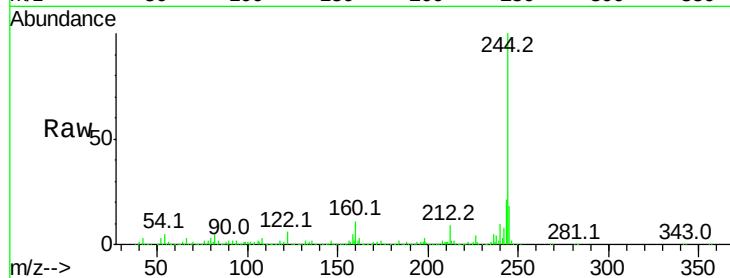
Tot Ion:244 Resp: 3284098

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

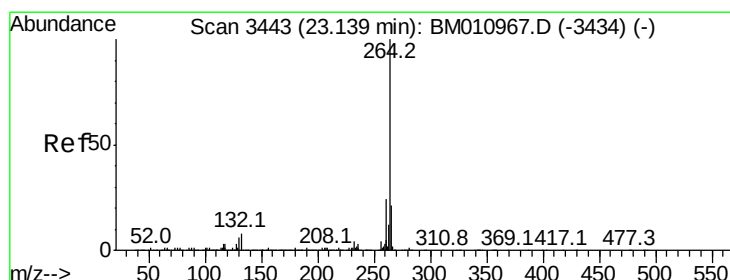
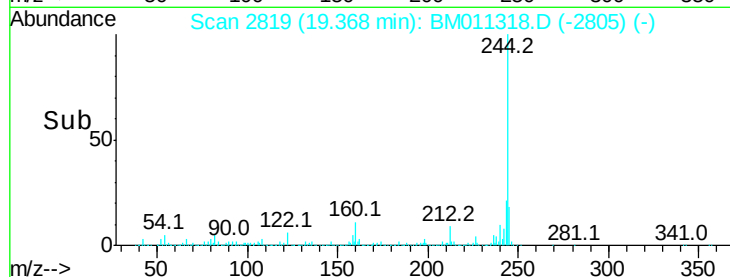
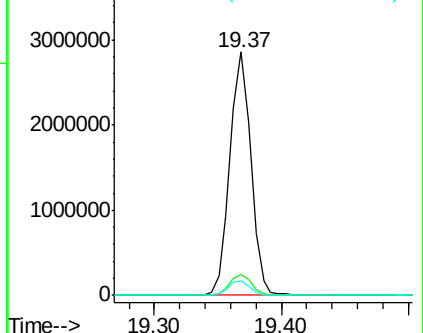
122 6.2 6.2 9.4#



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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011318.D

Acq: 19 Aug 2017 15:02

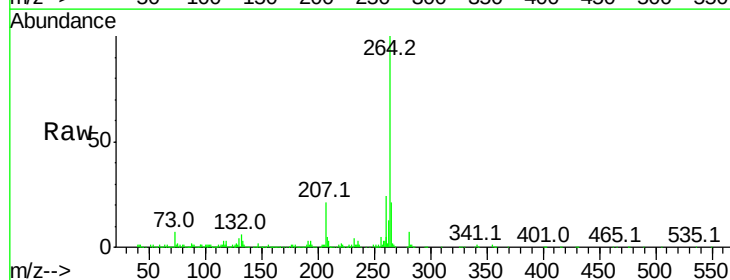
Tgt Ion:264 Resp: 856748

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 20.9 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

