

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011308.D
 Acq On : 19 Aug 2017 03:32
 Operator : SJ/JU
 Sample : I4817-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Quant Time: Aug 19 04:18:51 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	167098	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	600064	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	392773	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	915265	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	980434	20.00	ng	-0.02
86) Perylene-d12	23.00	264	929016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	1357896	137.37	ng	-0.01
7) Phenol-d6	6.47	99	1792366	127.62	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1788251	111.85	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	843967	134.06	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	3024192	96.56	ng	-0.02
78) Terphenyl-d14	19.37	244	4280250	86.48	ng	-0.02

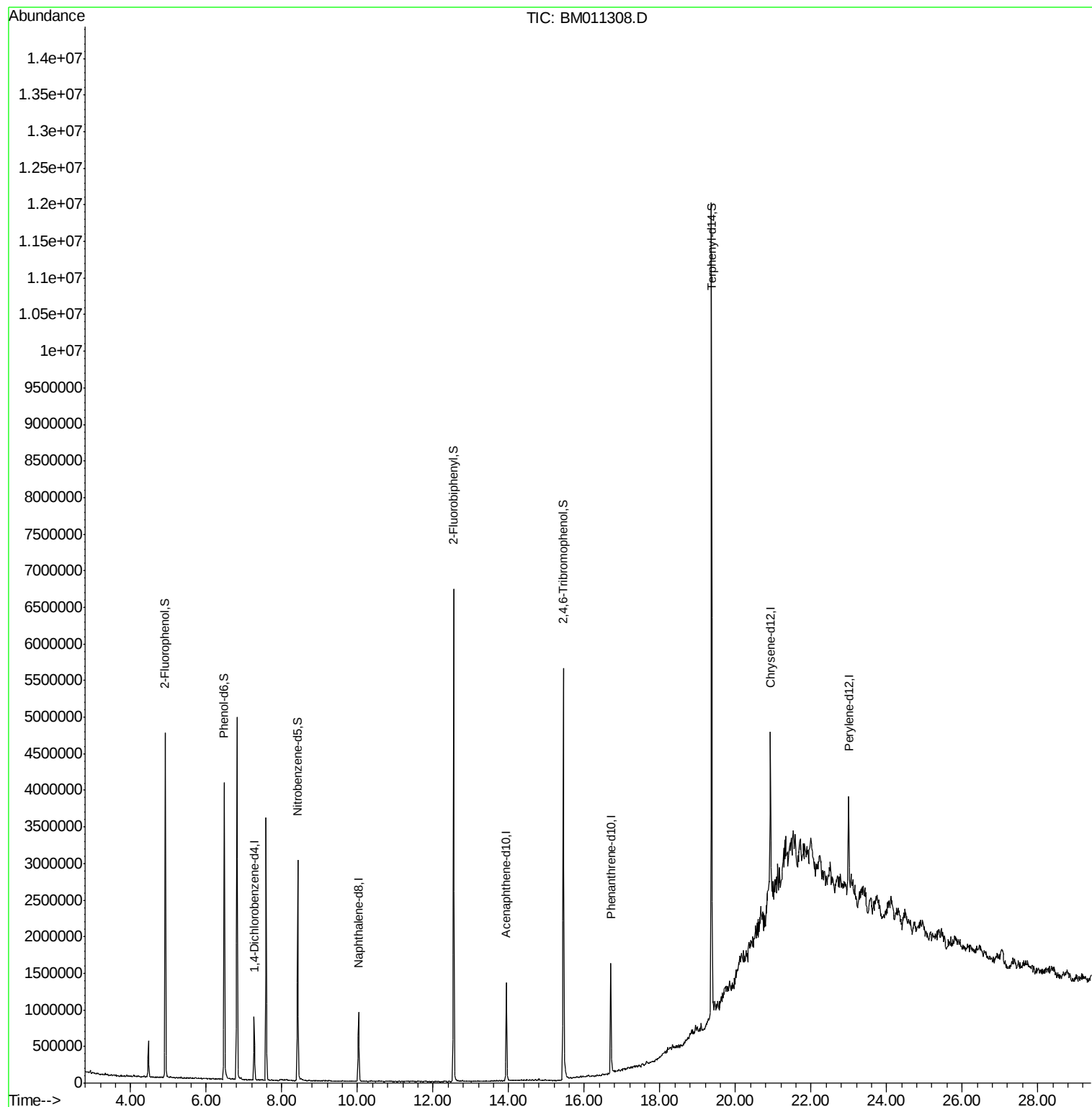
Target Compounds Qvalue

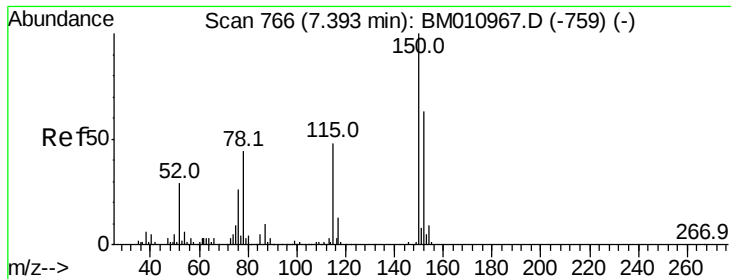
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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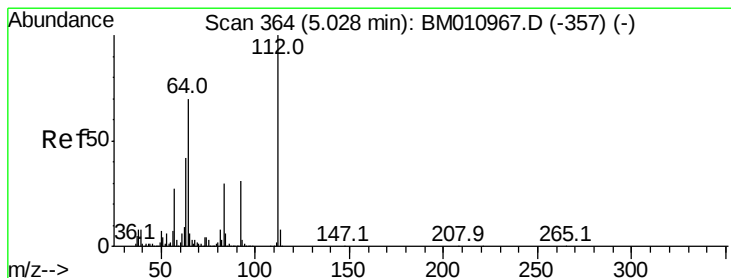
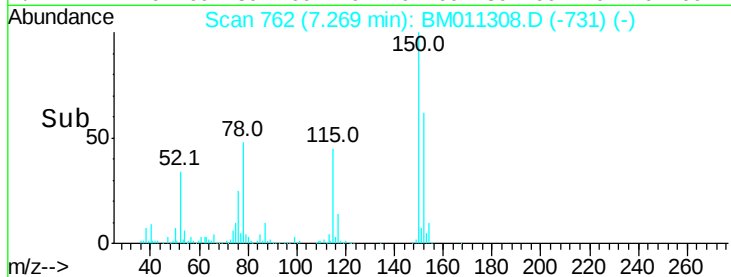
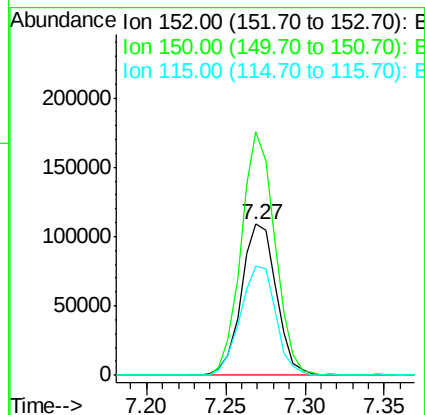
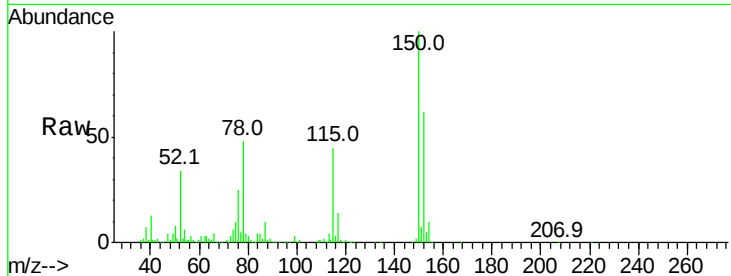


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011308.D
Acq: 19 Aug 2017 03:32

Instrument :
BNA_M
ClientSampleId :
SU-03-081517

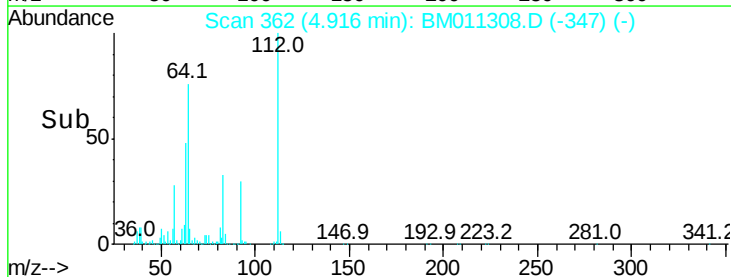
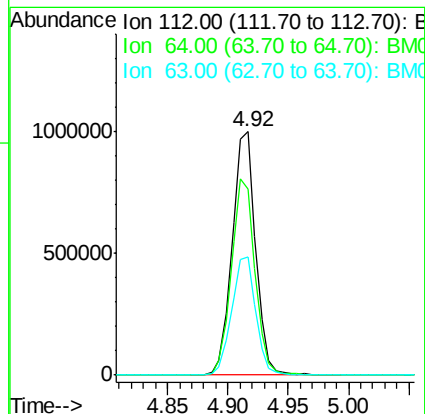
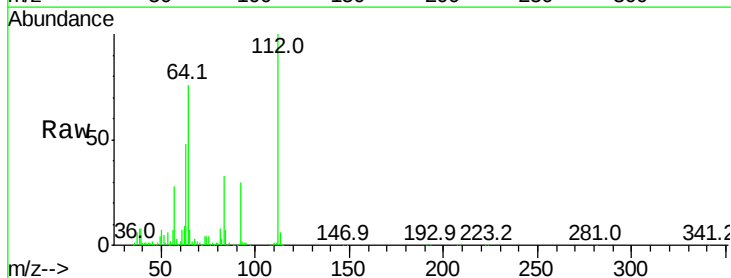
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	119.5	179.3
115	72.6	43.0	64.4



#5

2-Fluorophenol
Concen: 137.371 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011308.D
Acq: 19 Aug 2017 03:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.2	38.6	57.8
63	48.4	19.3	28.9





#7

Phenol-d6

Concen: 127.619 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011308.D

Acq: 19 Aug 2017 03:32

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

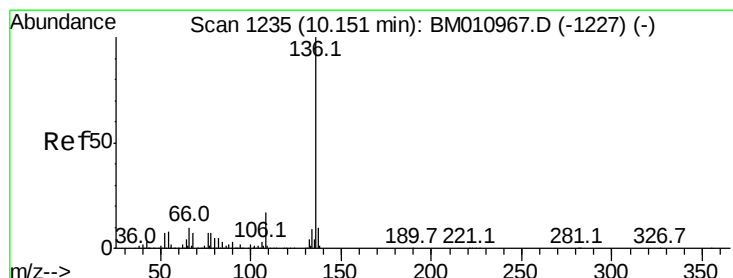
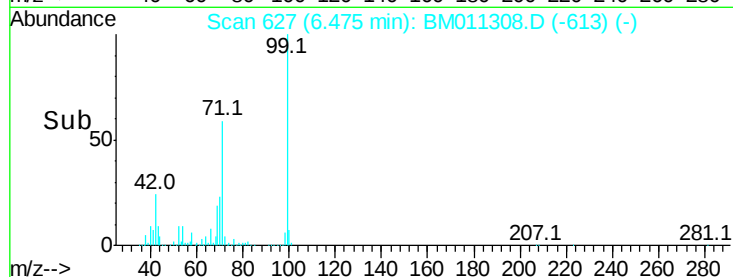
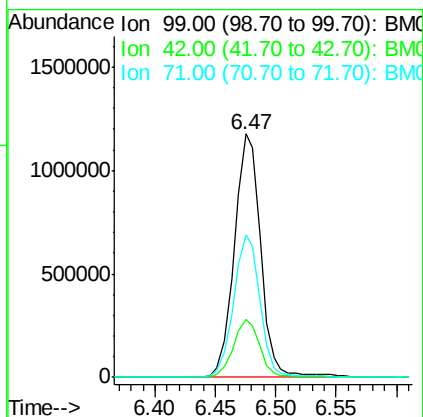
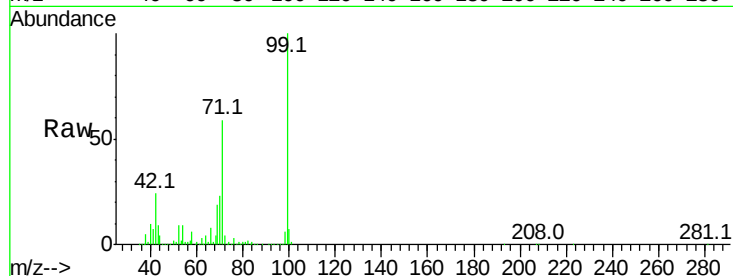
Tot Ion: 99 Resp: 1792366

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

71 58.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011308.D

Acq: 19 Aug 2017 03:32

Tgt Ion: 136 Resp: 600064

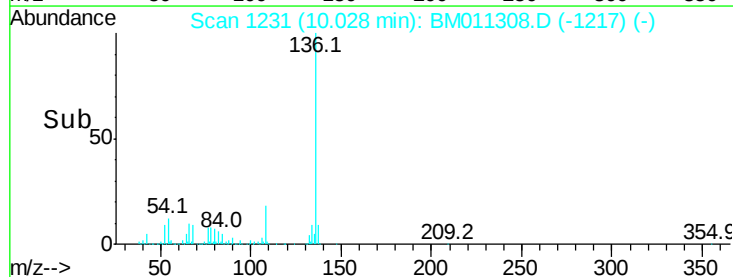
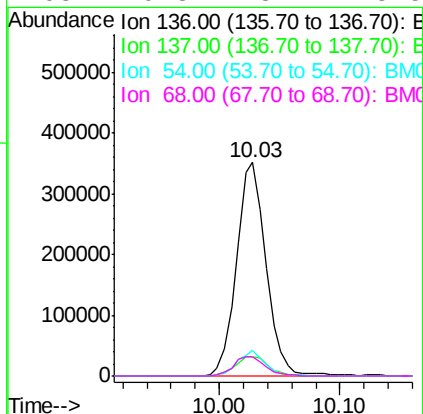
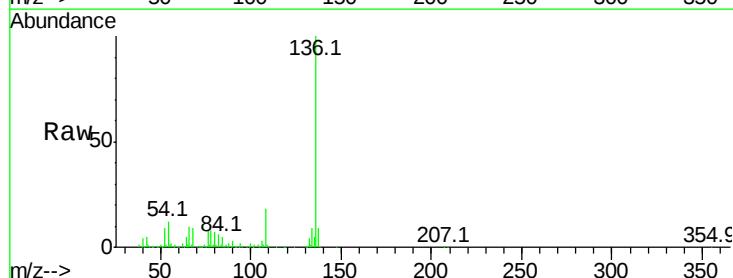
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 12.0 4.6 6.8#

68 9.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 111.848 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011308.D

Acq: 19 Aug 2017 03:32

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

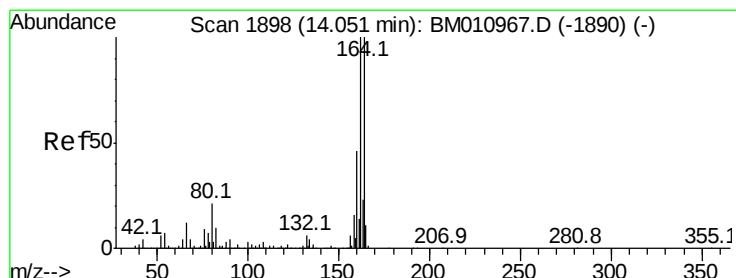
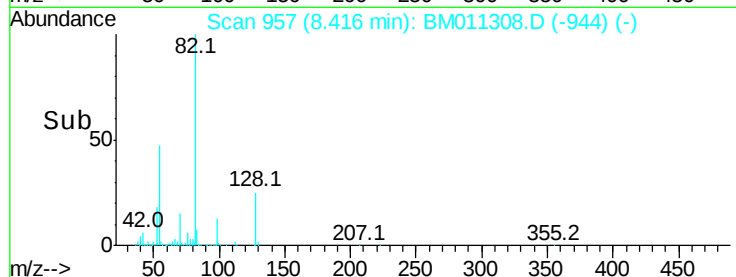
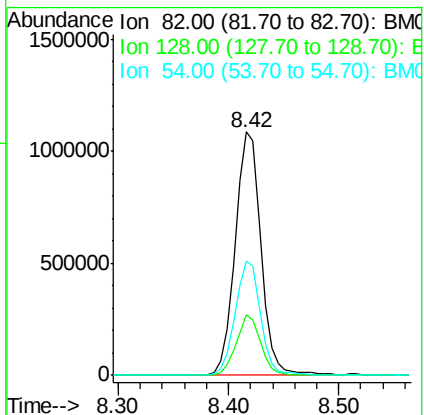
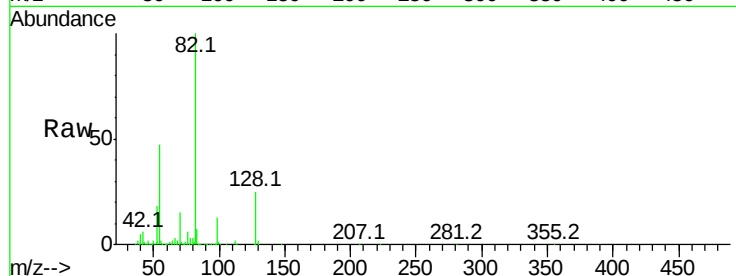
Tot Ion: 82 Resp: 1788251

Ion Ratio Lower Upper

82 100

128 24.7 32.8 49.2#

54 47.1 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: BM011308.D

Acq: 19 Aug 2017 03:32

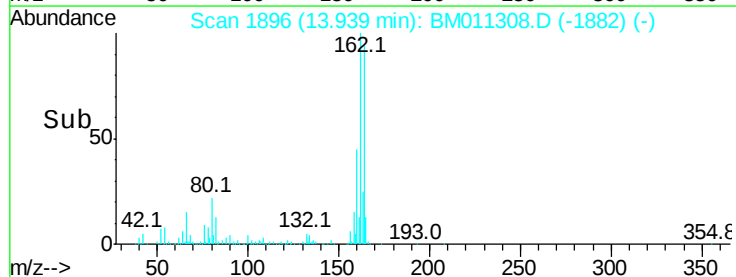
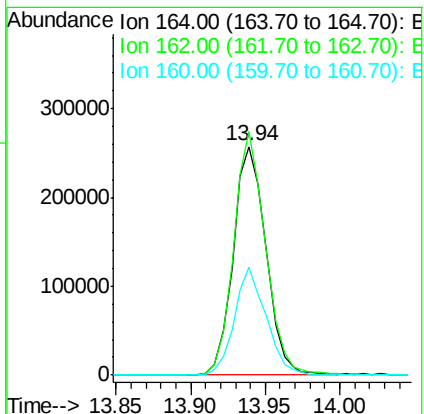
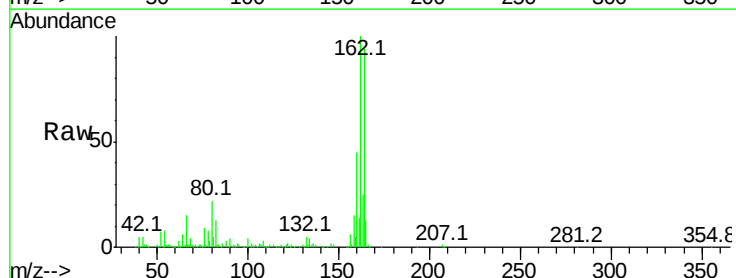
Tgt Ion:164 Resp: 392773

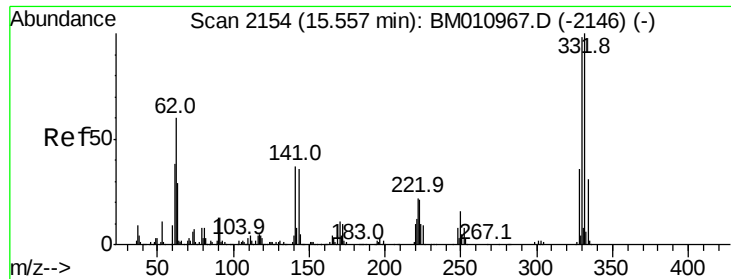
Ion Ratio Lower Upper

164 100

162 106.7 82.4 123.6

160 47.5 35.8 53.6

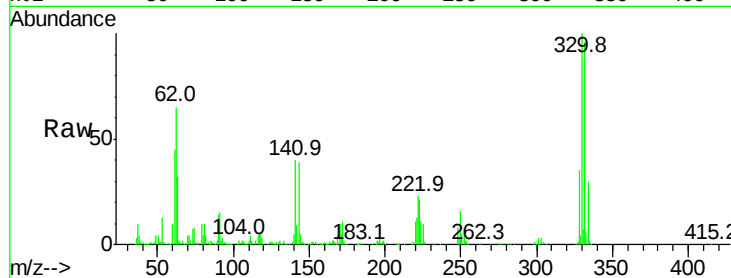




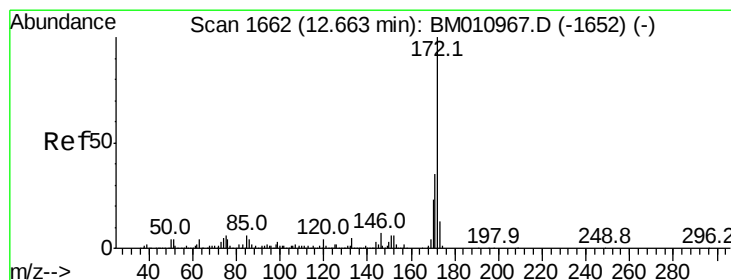
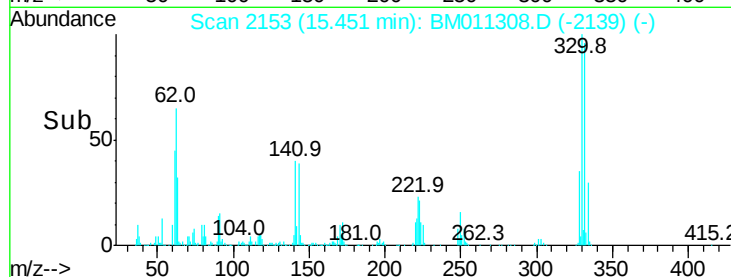
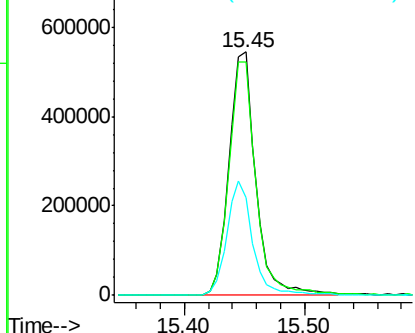
#41
 2,4,6-Tribromophenol
 Concen: 134.062 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011308.D
 Acq: 19 Aug 2017 03:32

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	45.2	0.0	0.0#

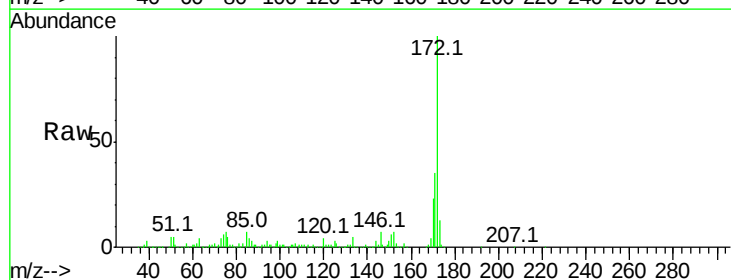


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

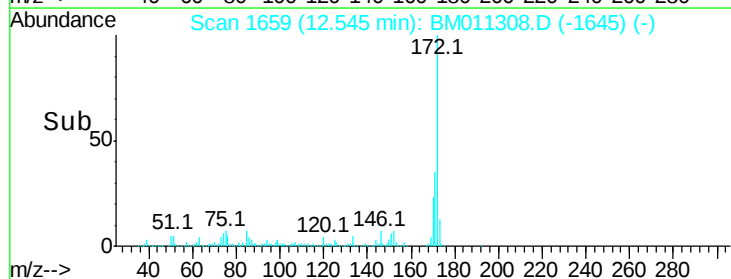
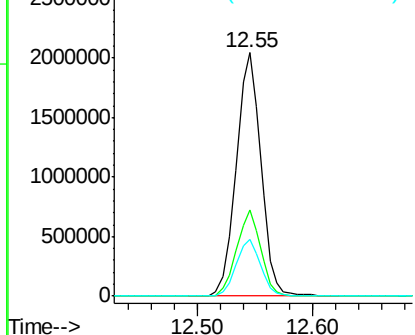


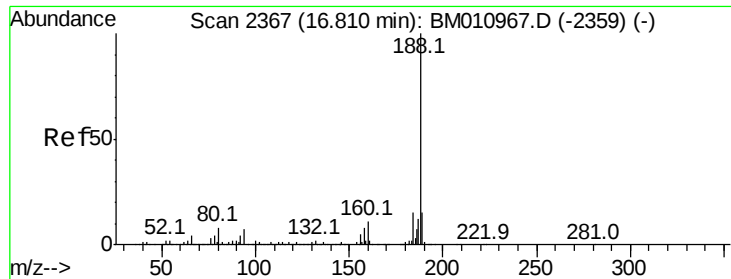
#44
 2-Fluorobiphenyl
 Concen: 96.563 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011308.D
 Acq: 19 Aug 2017 03:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.1	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: BM011308.D

Acq: 19 Aug 2017 03:32

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

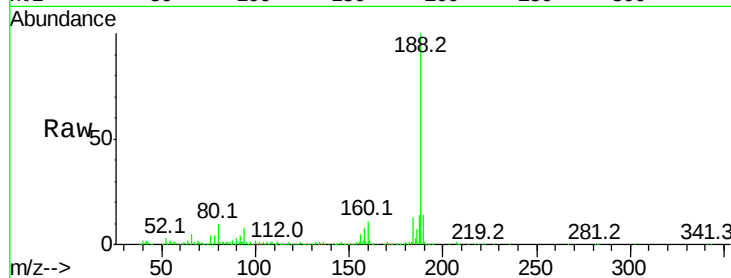
Tot Ion:188 Resp: 915265

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

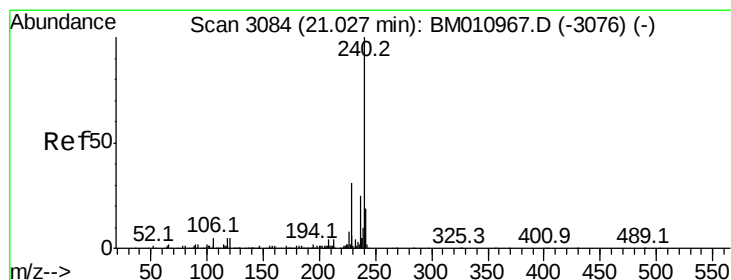
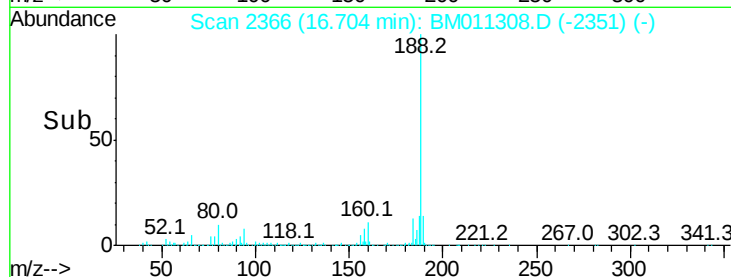
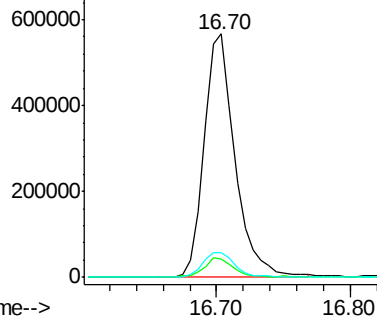
80 10.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011308.D

Acq: 19 Aug 2017 03:32

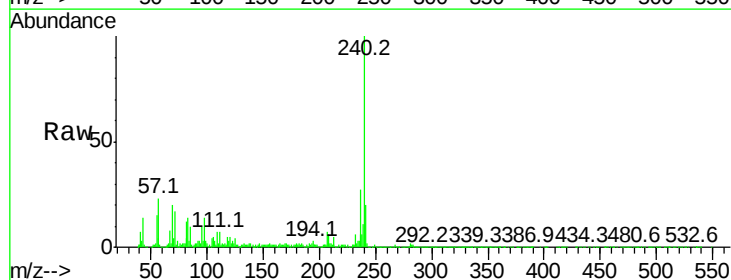
Tgt Ion:240 Resp: 980434

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

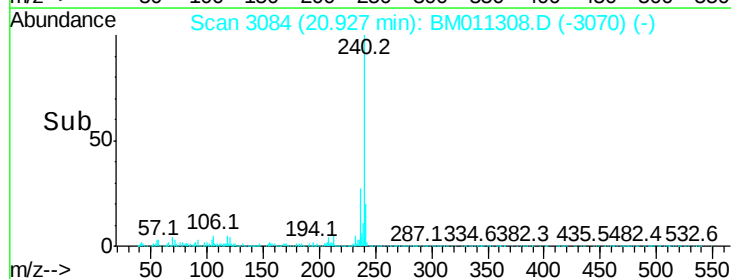
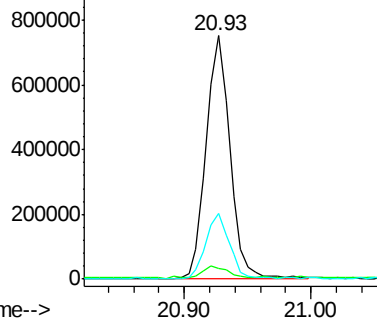
236 27.2 20.0 30.0

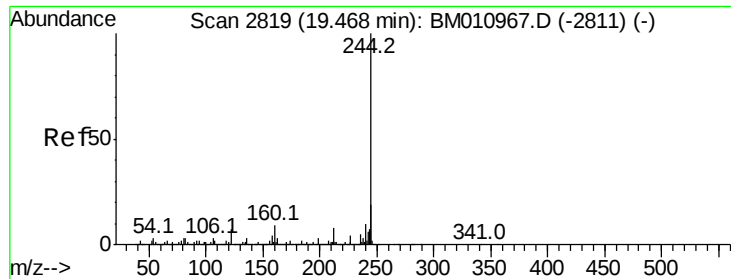


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.478 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011308.D

Acq: 19 Aug 2017 03:32

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

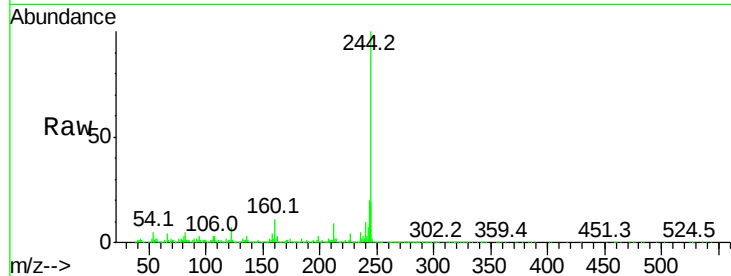
Tot Ion:244 Resp: 4280250

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

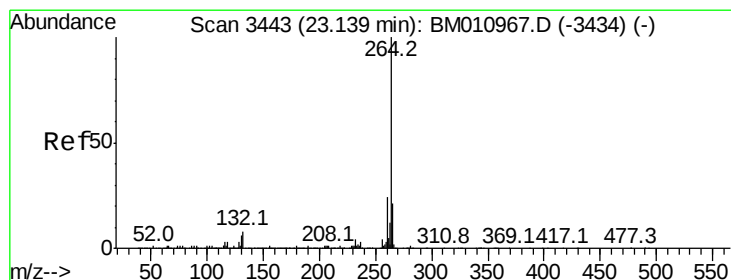
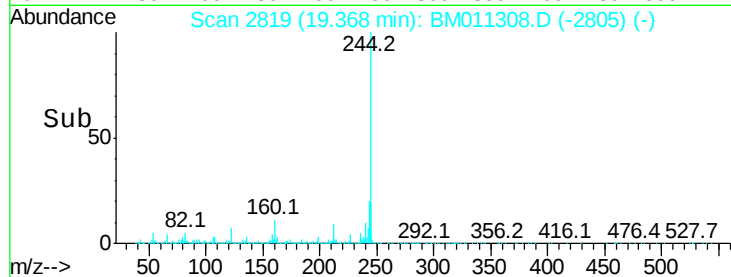
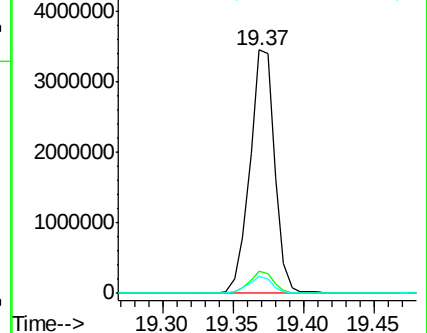
122 7.0 6.2 9.4



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: BM011308.D

Acq: 19 Aug 2017 03:32

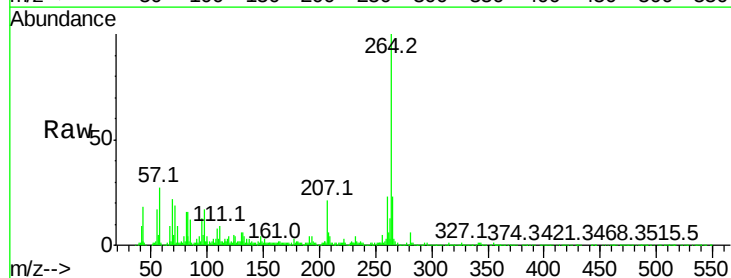
Tgt Ion:264 Resp: 929016

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 23.3 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

