

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
 Data File : BM011325.D
 Acq On : 19 Aug 2017 19:17
 Operator : SJ/JU
 Sample : I4817-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Quant Time: Aug 21 02:22:11 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	191289	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	724109	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	468316	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	1050376	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1182677	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1151266	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	1372558	121.29	ng	-0.02
7) Phenol-d6	6.47	99	1823126	113.39	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1811332	93.88	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	817453	108.90	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2999589	80.33	ng	-0.02
78) Terphenyl-d14	19.37	244	4044288	67.74	ng	-0.02

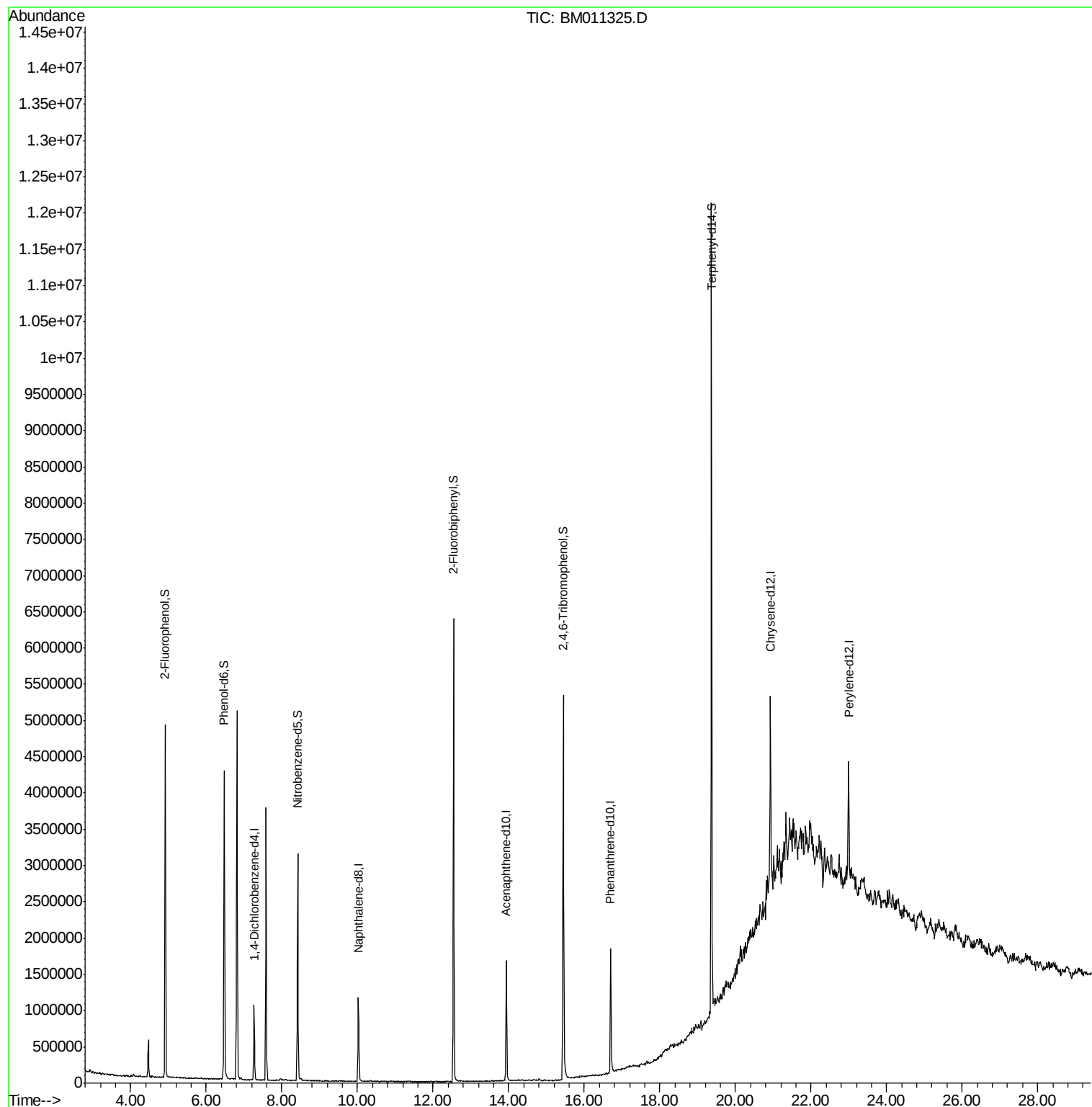
Target Compounds	Qvalue
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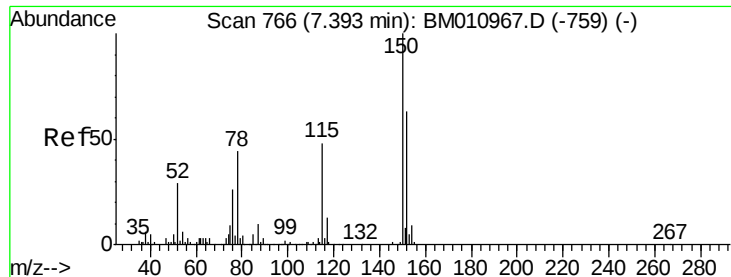
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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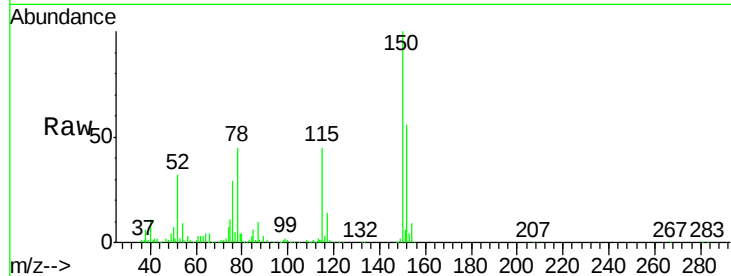


#1

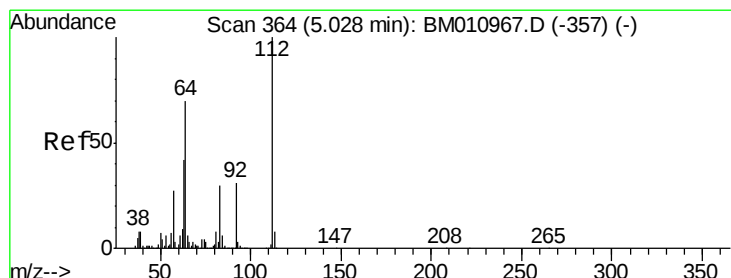
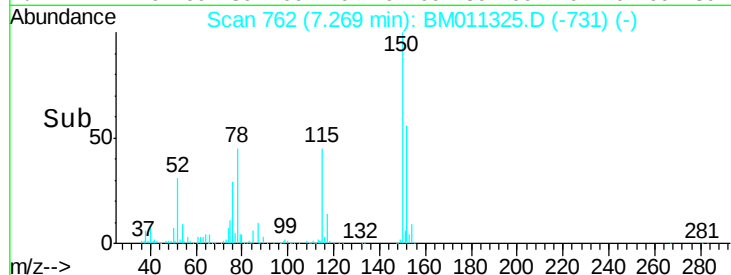
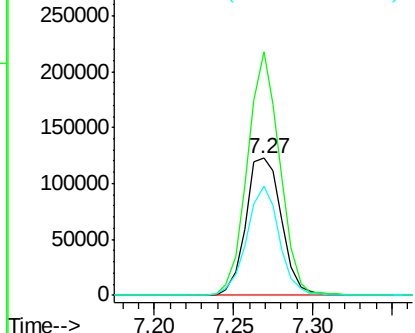
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011325.D
Acq: 19 Aug 2017 19:17

Instrument :
BNA_M
ClientSampleId :
SU-03-081517

Tgt Ion	Ratio	Lower	Upper
152	100		
150	177.5	119.5	179.3
115	79.2	43.0	64.4



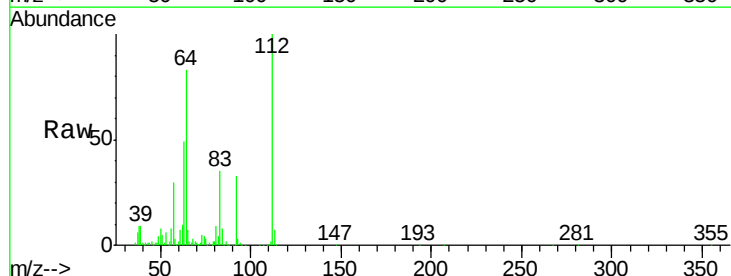
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



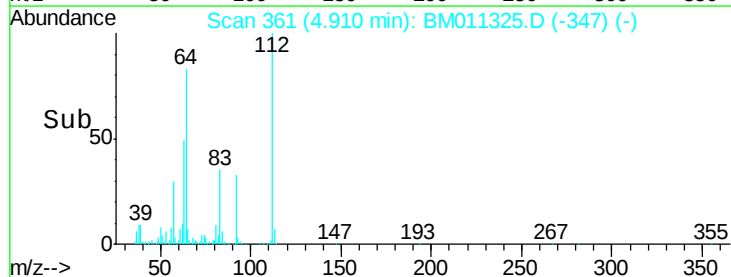
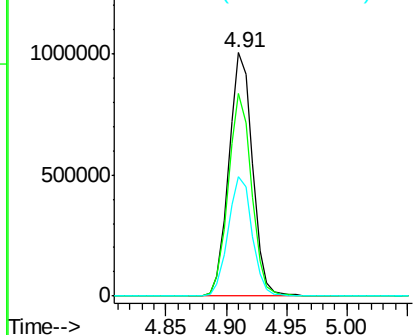
#5

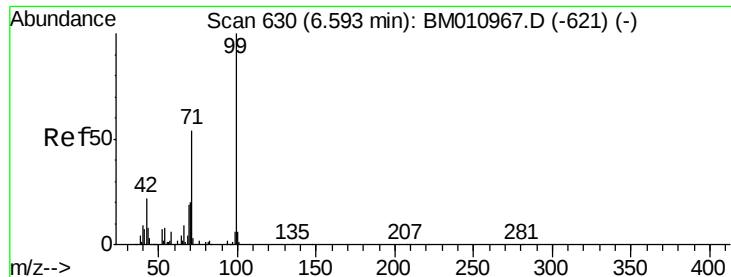
2-Fluorophenol
Concen: 121.294 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011325.D
Acq: 19 Aug 2017 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.0	38.6	57.8
63	49.1	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: 113.394 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011325.D

Acq: 19 Aug 2017 19:17

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

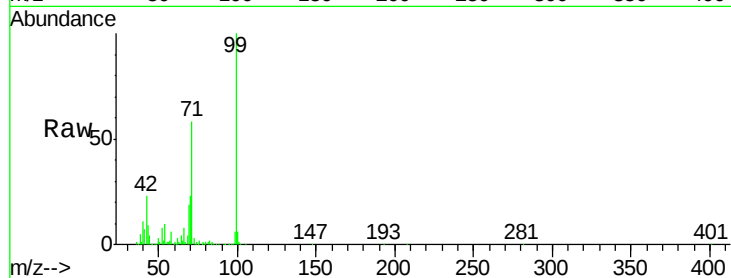
Tgt Ion: 99 Resp: 1823126

Ion Ratio Lower Upper

99 100

42 23.4 11.0 16.4#

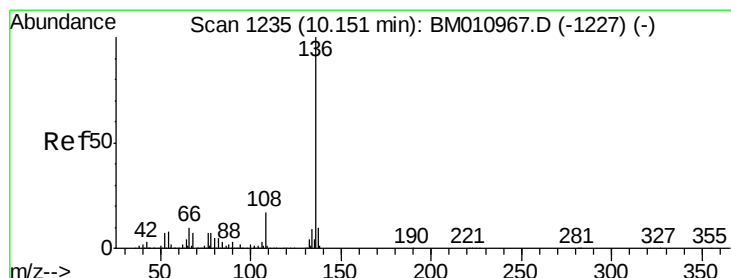
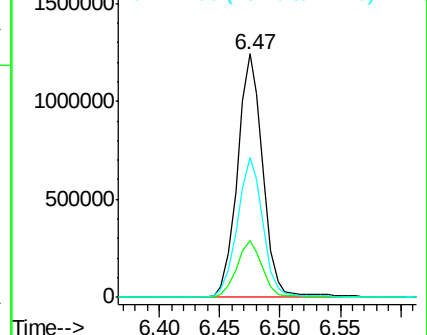
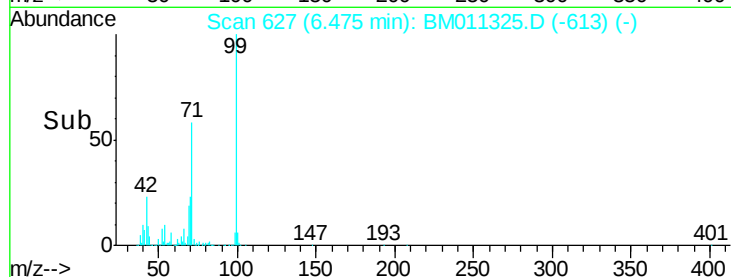
71 57.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011325.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011325.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011325.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011325.D

Acq: 19 Aug 2017 19:17

Tgt Ion: 136 Resp: 724109

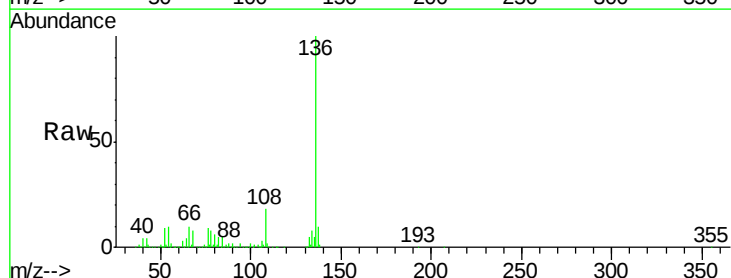
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 10.2 4.6 6.8#

68 7.8 3.7 5.5#

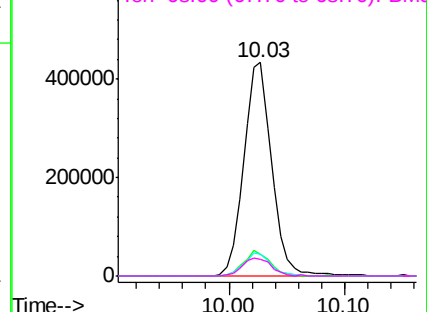
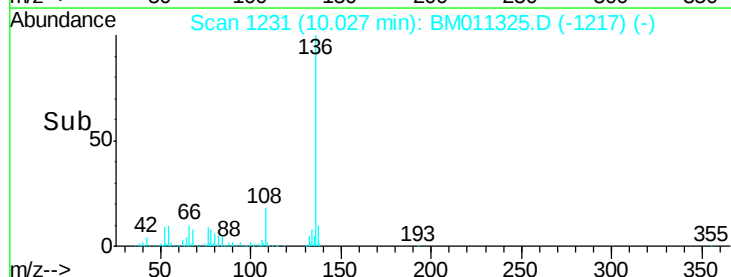


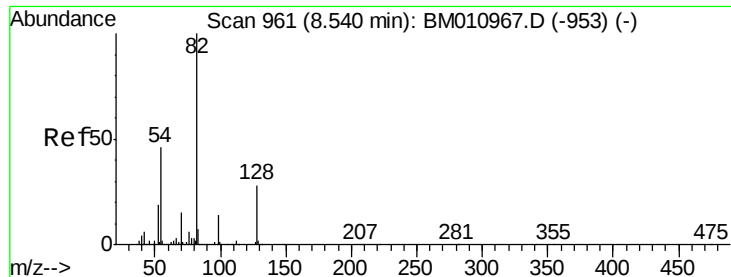
Abundance Ion 136.00 (135.70 to 136.70): BM011325.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011325.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011325.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011325.D (-1217) (-)

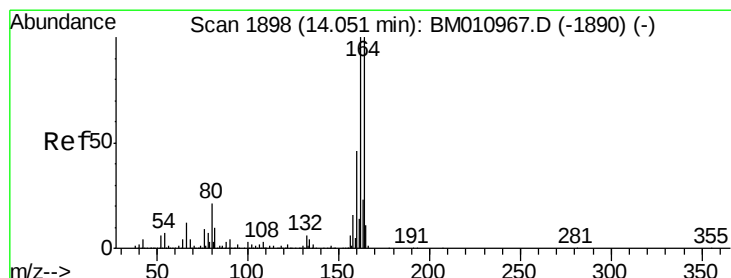
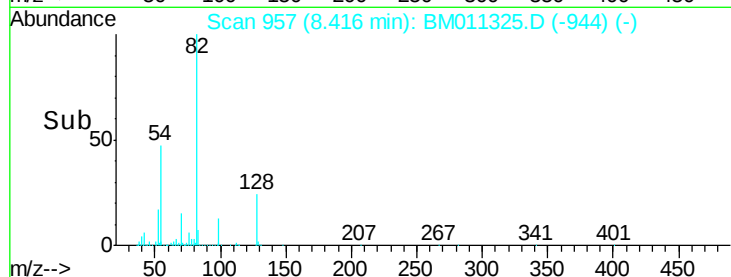
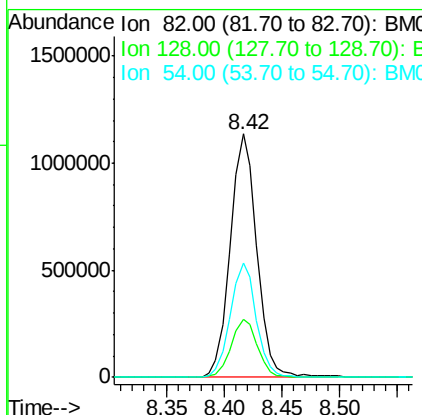
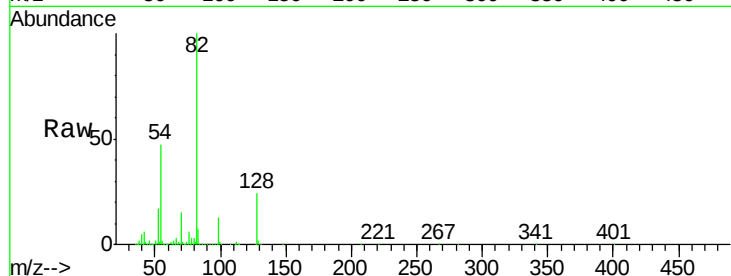




#23
 Nitrobenzene-d5
 Concen: 93.884 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011325.D
 Acq: 19 Aug 2017 19:17

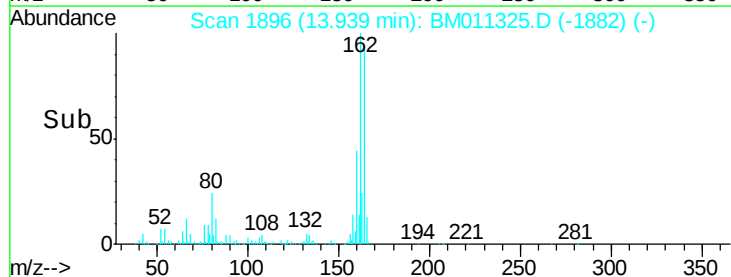
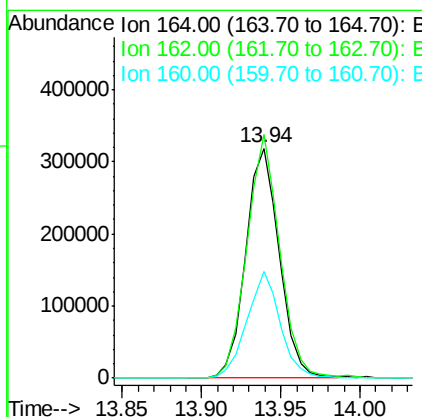
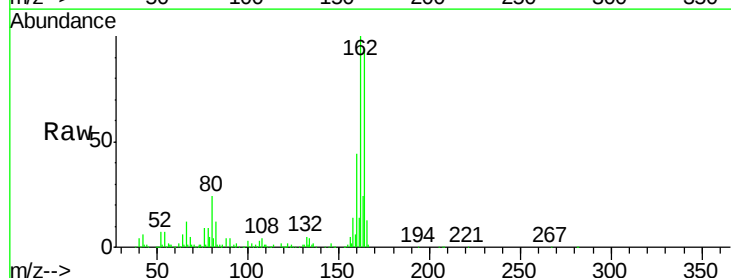
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

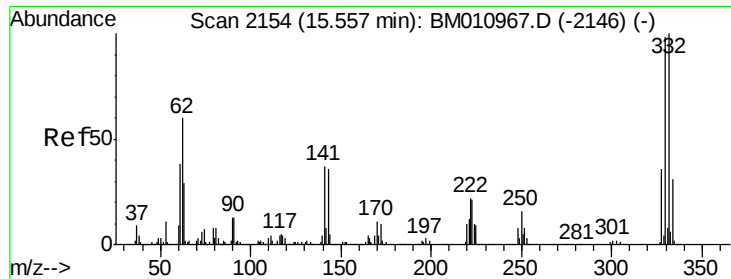
Tgt Ion: 82 Resp: 1811332
 Ion Ratio Lower Upper
 82 100
 128 23.8 32.8 49.2#
 54 47.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011325.D
 Acq: 19 Aug 2017 19:17

Tgt Ion: 164 Resp: 468316
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.4 123.6
 160 46.4 35.8 53.6

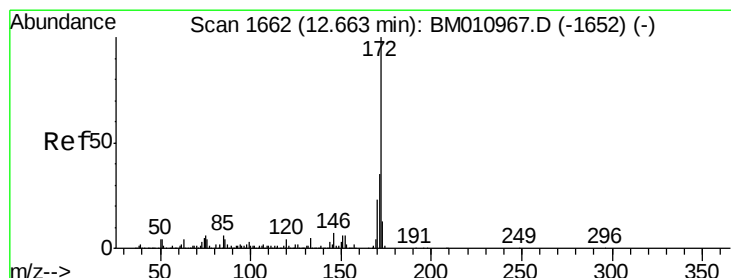
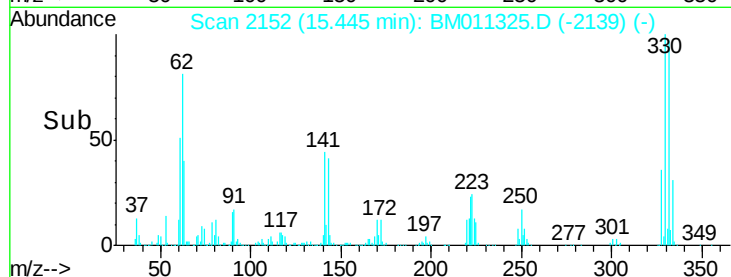
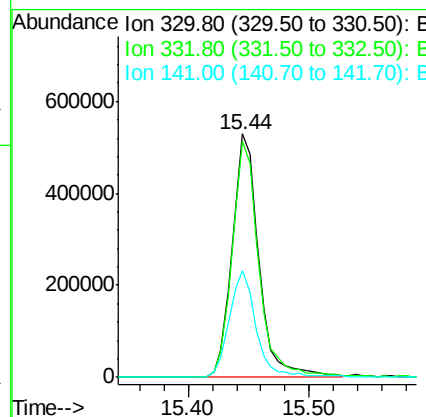
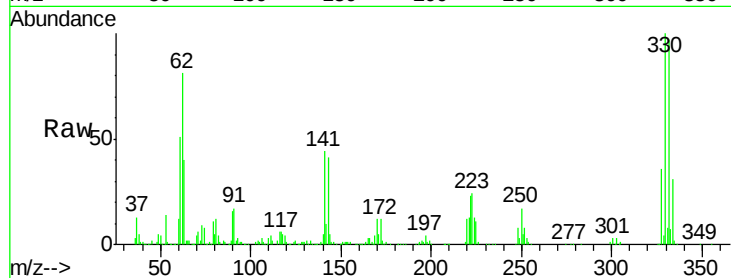




#41
 2,4,6-Tribromophenol
 Concen: 108.905 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011325.D
 Acq: 19 Aug 2017 19:17

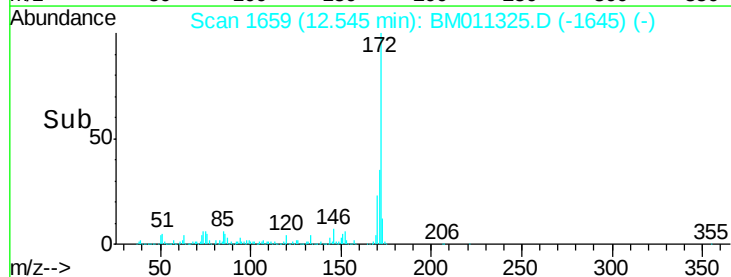
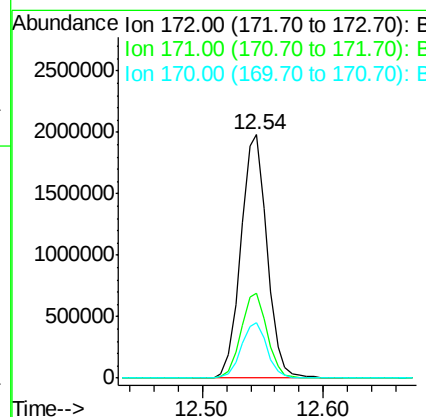
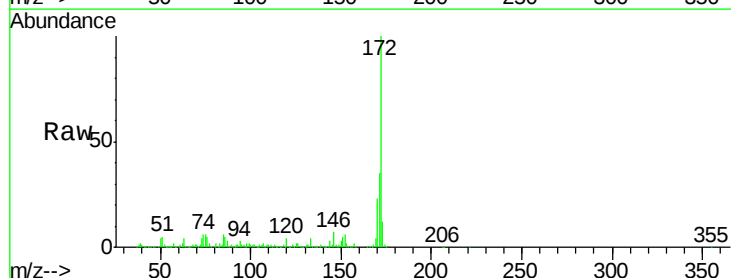
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

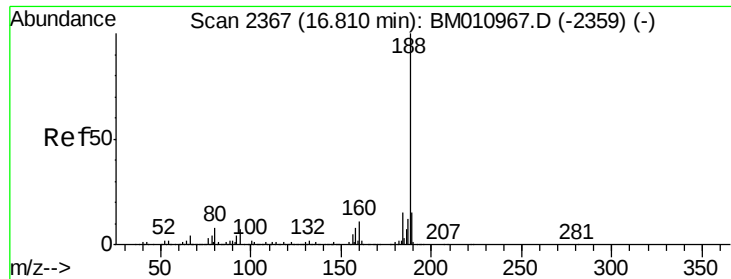
Tgt Ion:330 Resp: 817453
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 43.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 80.328 ng
 RT: 12.54 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011325.D
 Acq: 19 Aug 2017 19:17

Tgt Ion:172 Resp: 2999589
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.7 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BM011325.D

Acq: 19 Aug 2017 19:17

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

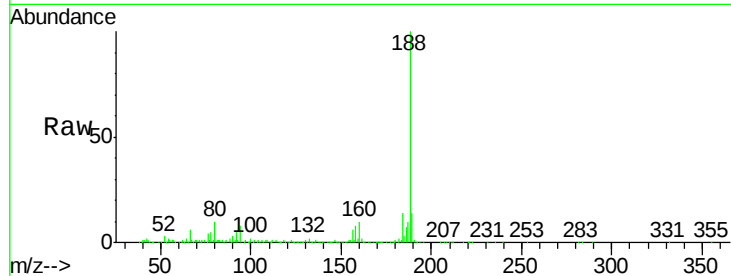
Tgt Ion:188 Resp: 1050376

Ion Ratio Lower Upper

188 100

94 7.7 8.7 13.1#

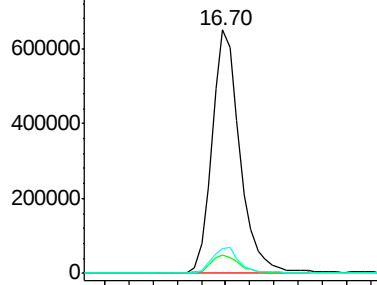
80 9.9 9.3 13.9



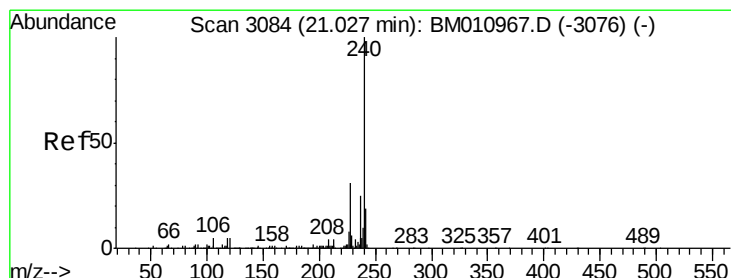
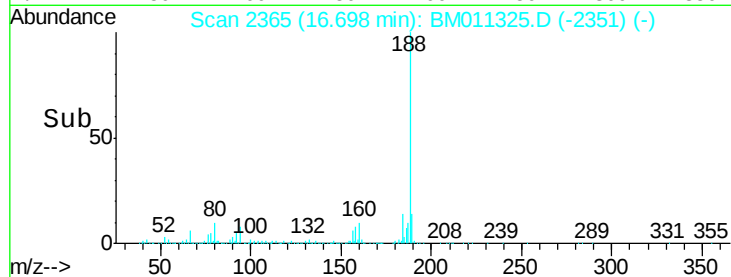
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011325.D

Acq: 19 Aug 2017 19:17

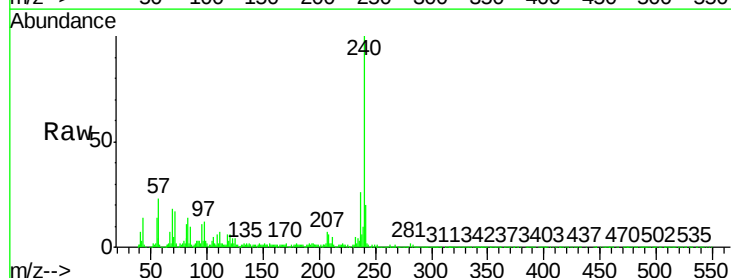
Tgt Ion:240 Resp: 1182677

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

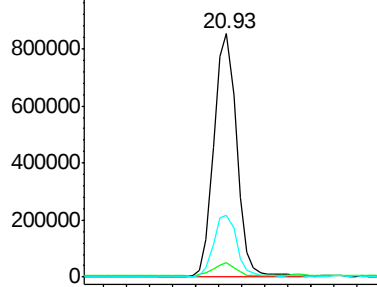
236 25.6 20.0 30.0



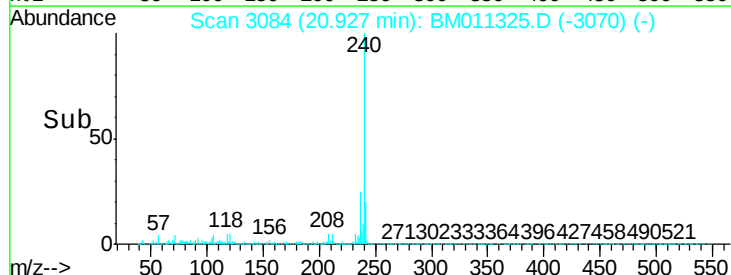
Abundance Ion 240.00 (239.70 to 240.70): E

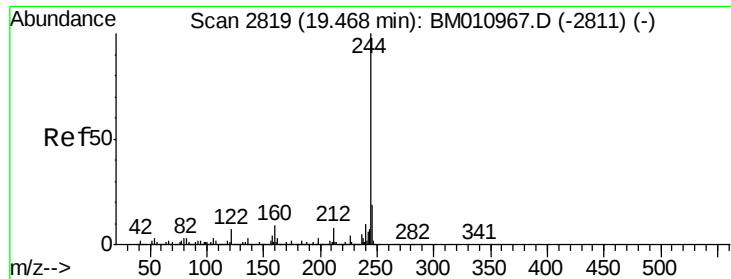
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 67.738 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011325.D

Acq: 19 Aug 2017 19:17

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

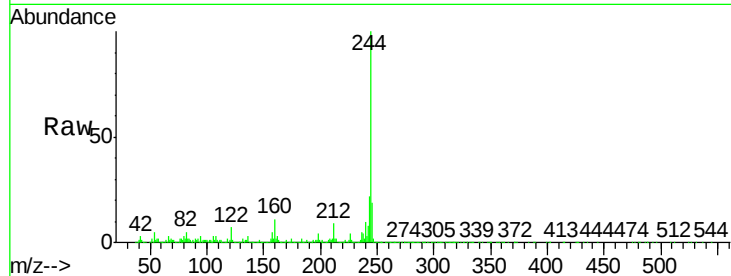
Tgt Ion:244 Resp: 4044288

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

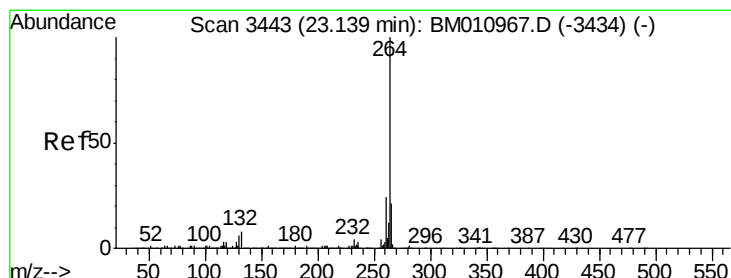
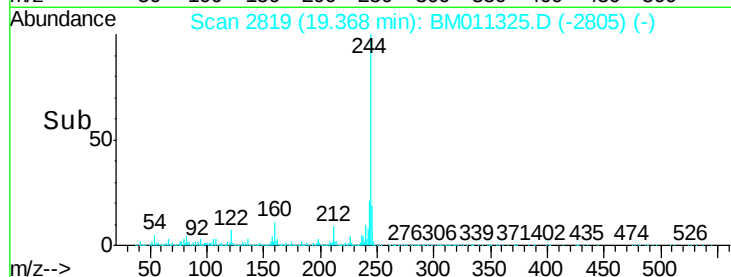
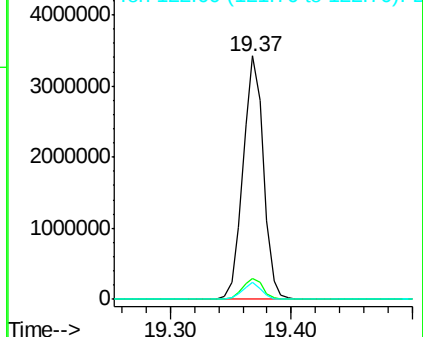
122 7.0 6.2 9.4



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: BM011325.D

Acq: 19 Aug 2017 19:17

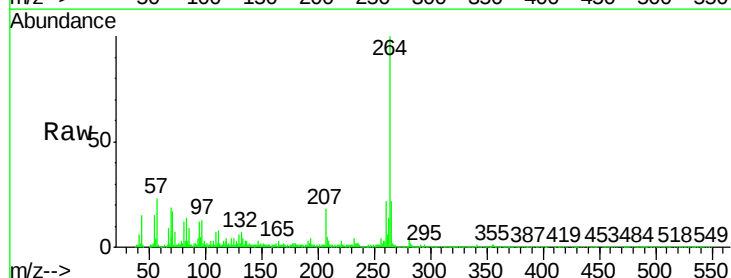
Tgt Ion:264 Resp: 1151266

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 22.4 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

