

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011013.D
 Acq On : 27 Jul 2017 16:35
 Operator : SJ/JU
 Sample : I4432-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:05:23 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	7.39	152	166297	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	599644	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	402804	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1001050	20.00	ng	0.00
75) Chrysene-d12	21.02	240	872654	20.00	ng	0.00
86) Perylene-d12	23.13	264	683638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	175417	17.83	ng	0.00
7) Phenol-d6	6.58	99	227608	16.28	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1459996	91.38	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	242580	37.57	ng	-0.01
44) 2-Fluorobiphenyl	12.66	172	2728437	84.95	ng	0.00
78) Terphenyl-d14	19.47	244	4071728	92.43	ng	0.00

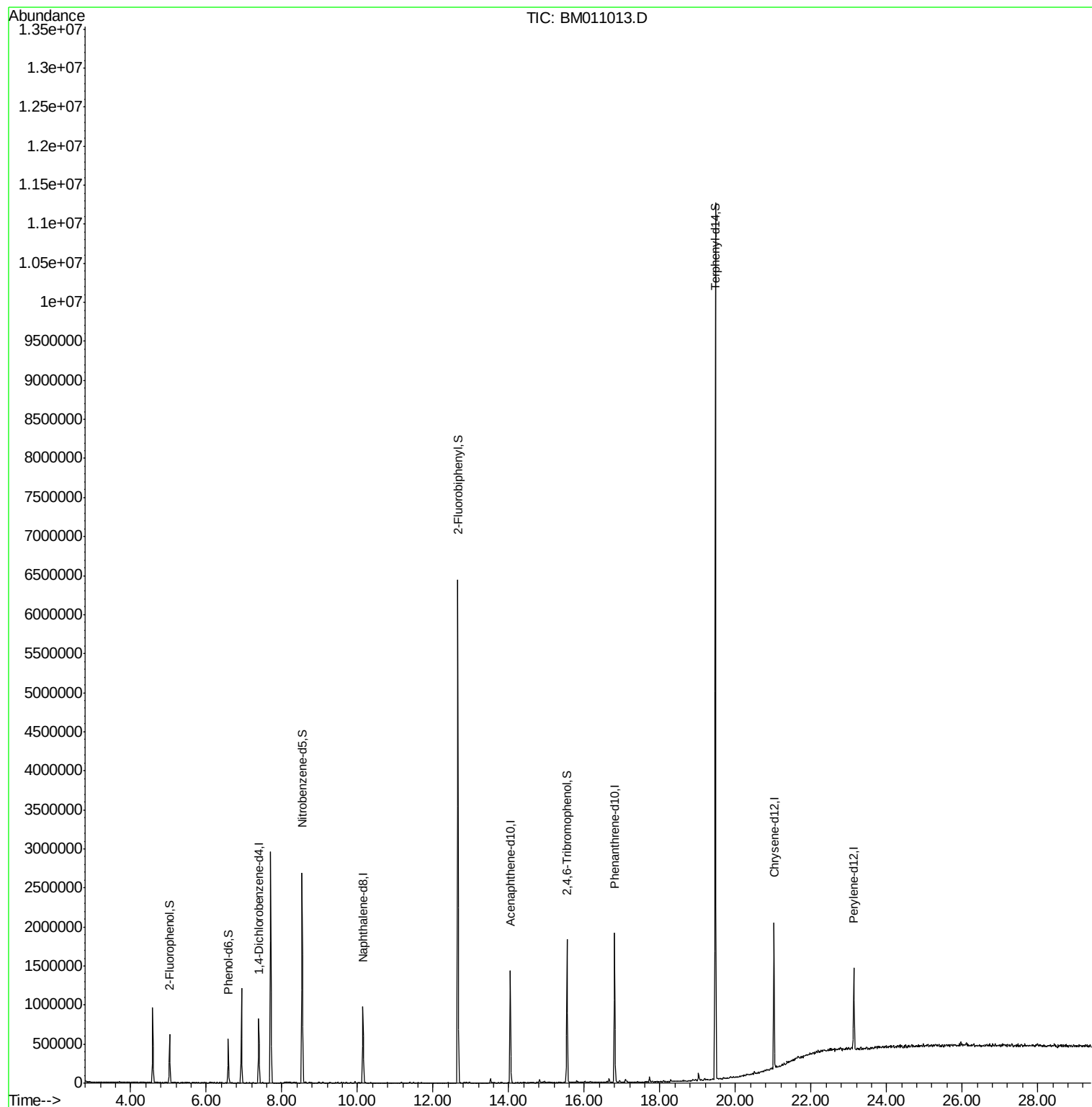
Target Compounds Qvalue

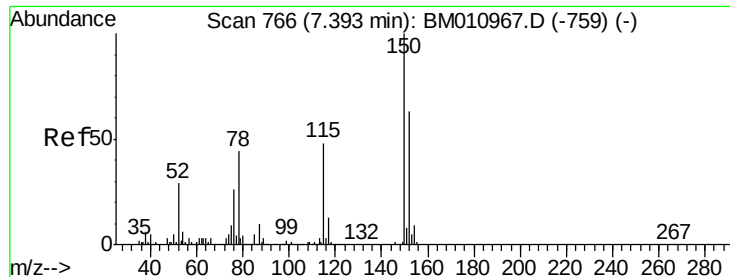
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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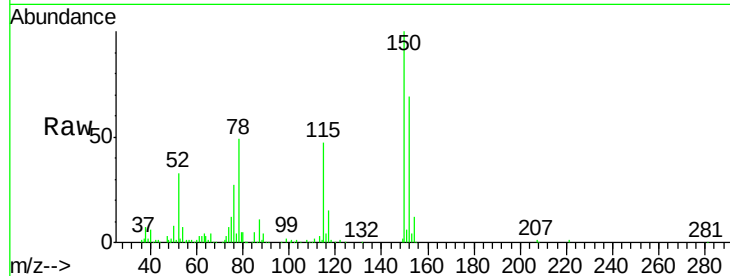


#1

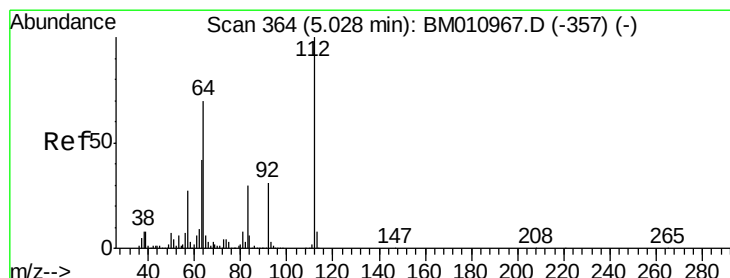
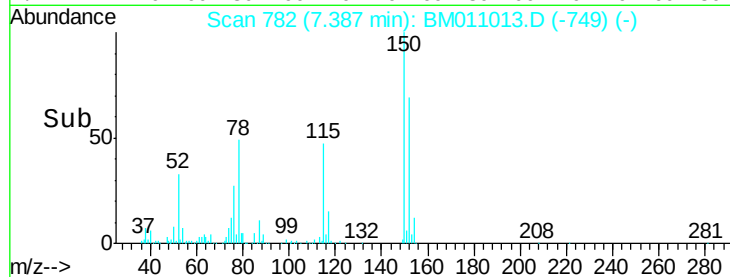
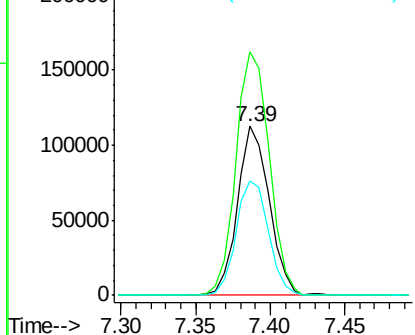
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011013.D
Acq: 27 Jul 2017 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 166297
Ion Ratio Lower Upper
152 100
150 144.1 119.5 179.3
115 67.6 43.0 64.4#



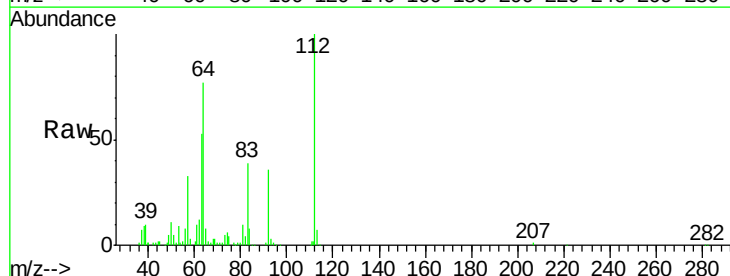
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



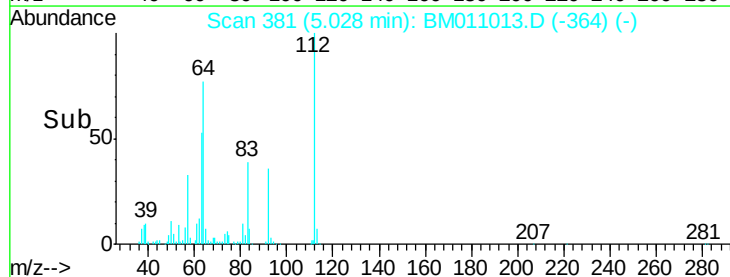
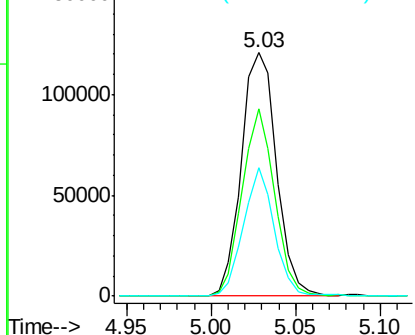
#5

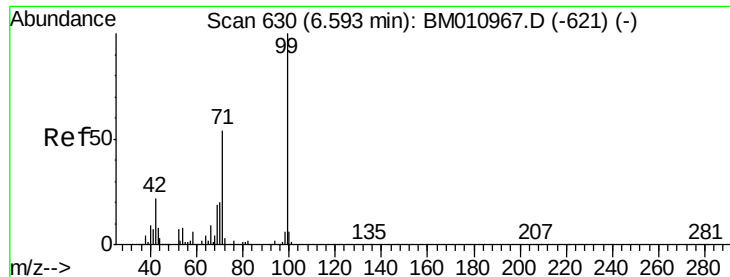
2-Fluorophenol
Concen: 17.83 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011013.D
Acq: 27 Jul 2017 16:35

Tgt Ion:112 Resp: 175417
Ion Ratio Lower Upper
112 100
64 77.0 38.6 57.8#
63 52.9 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: 16.28 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Instrument :

BNA_M

ClientSampleId :

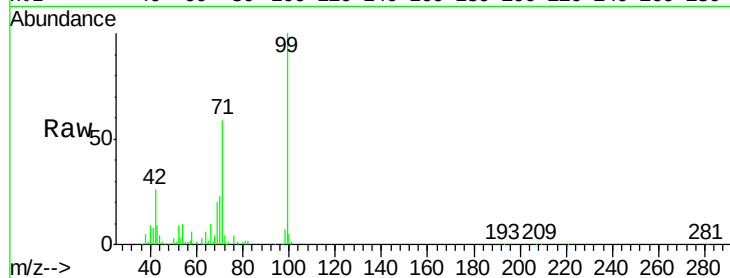
Tot Ion: 99 Resp: 227608

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

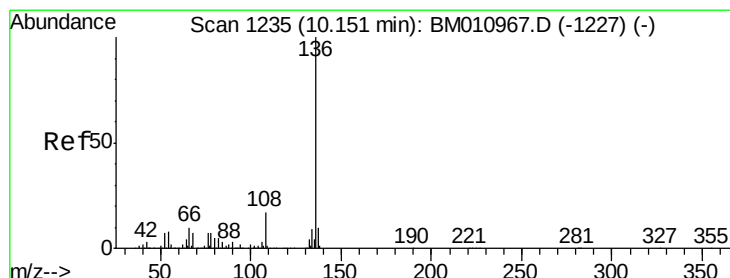
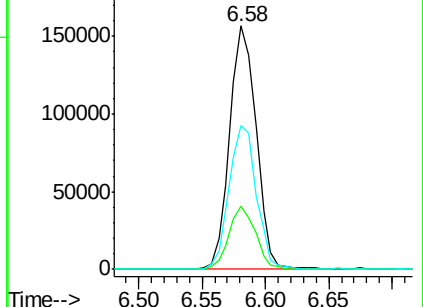
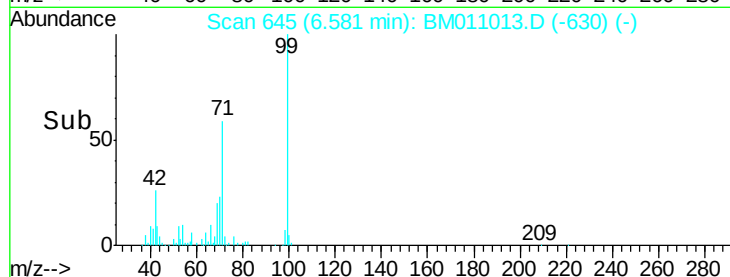
71 59.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011013.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011013.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011013.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Tgt Ion: 136 Resp: 599644

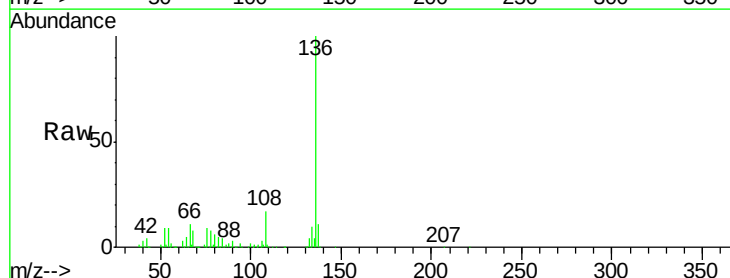
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.0 4.6 6.8#

68 8.1 3.7 5.5#

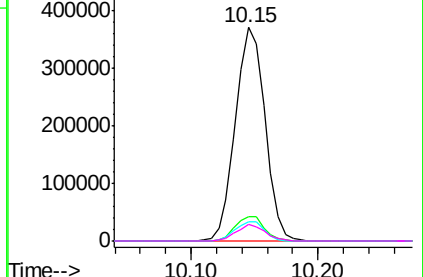
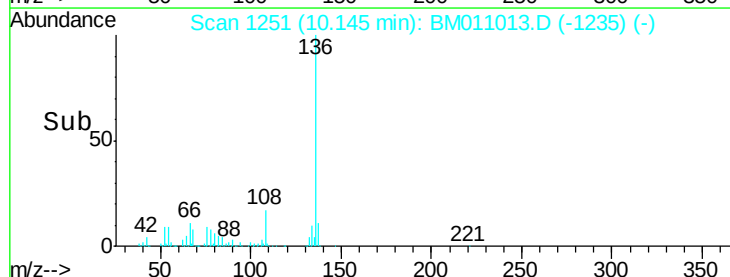


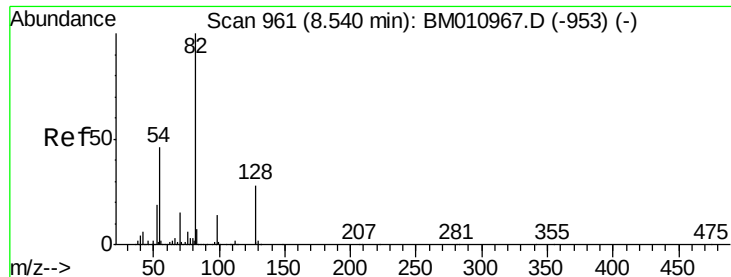
Abundance Ion 136.00 (135.70 to 136.70): BM011013.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011013.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011013.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011013.D (-1235) (-)



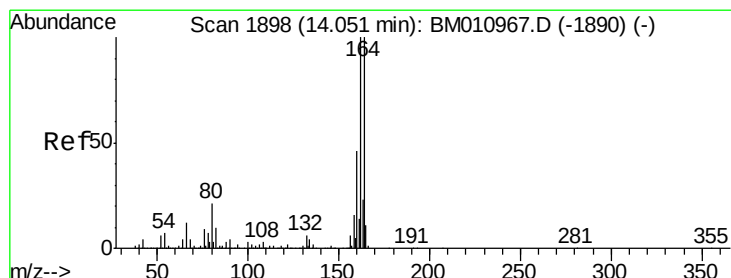
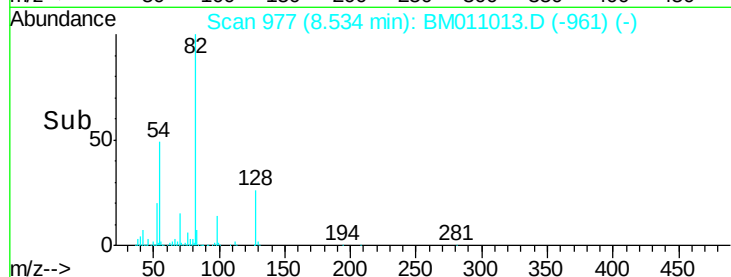
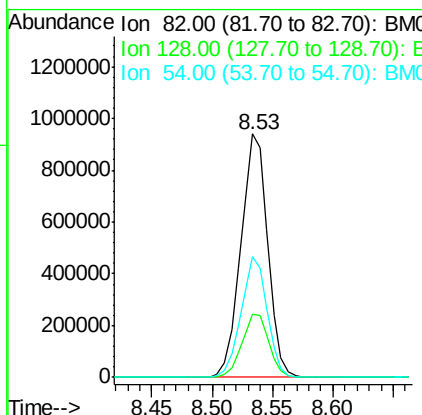
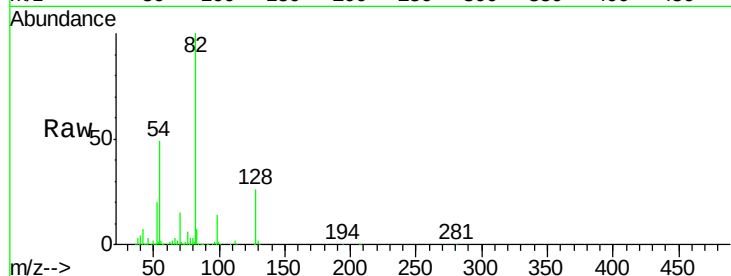


#23
 Nitrobenzene-d5
 Concen: 91.38 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1459996

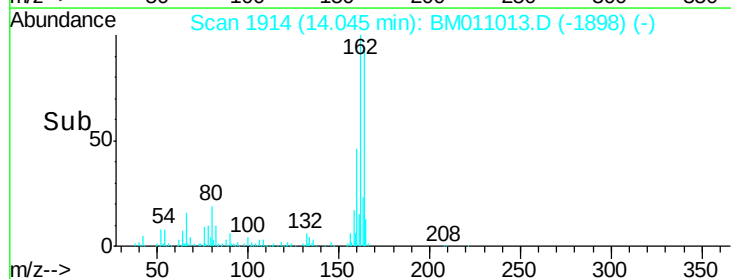
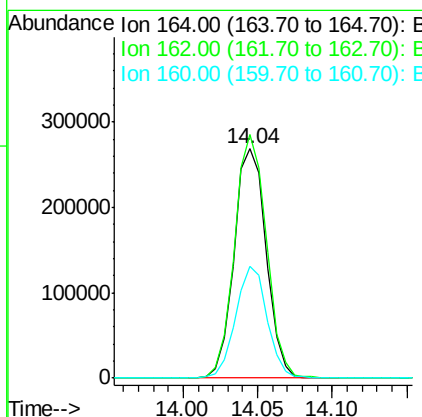
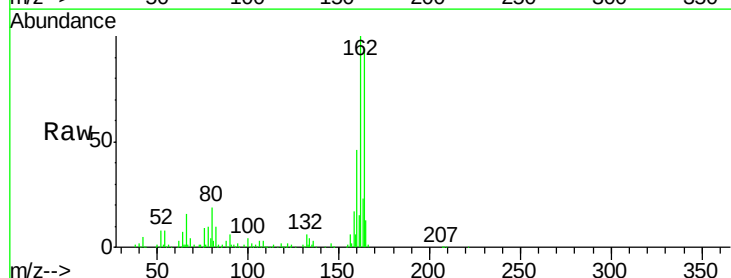
Ion	Ratio	Lower	Upper
82	100		
128	25.9	32.8	49.2#
54	49.4	40.6	60.8

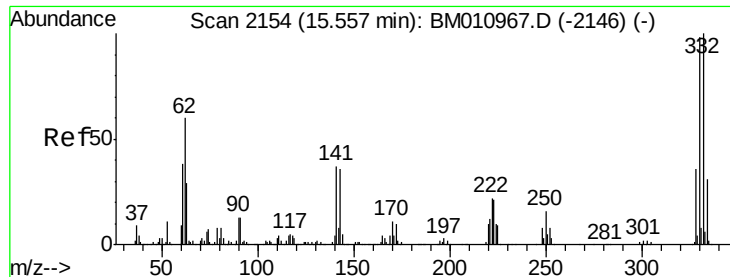


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Tgt Ion: 164 Resp: 402804

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	48.6	35.8	53.6

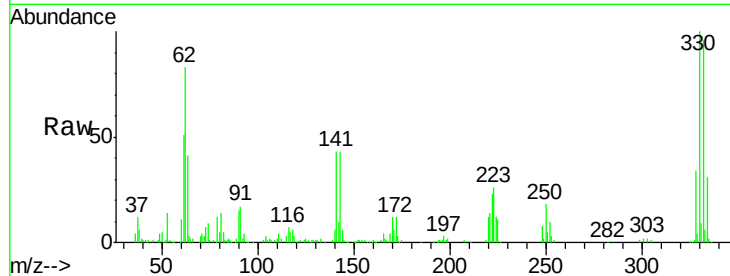




#41
 2,4,6-Tribromophenol
 Concen: 37.57 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	44.6	0.0	0.0#

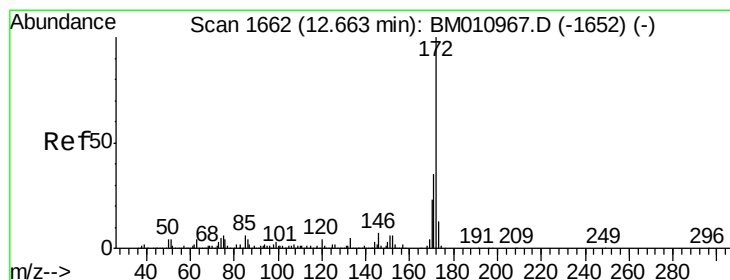
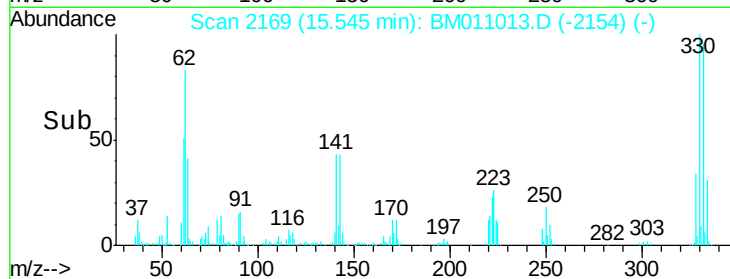
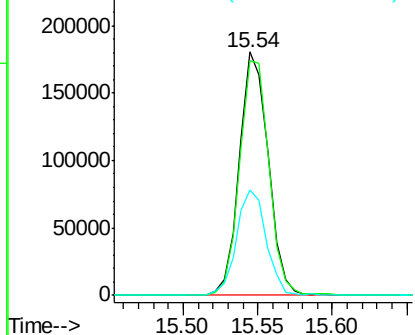


Abundance

Ion 329.80 (329.50 to 330.50): E

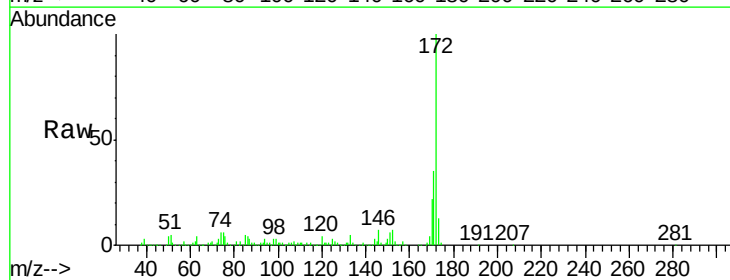
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.95 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.5	18.8	28.2

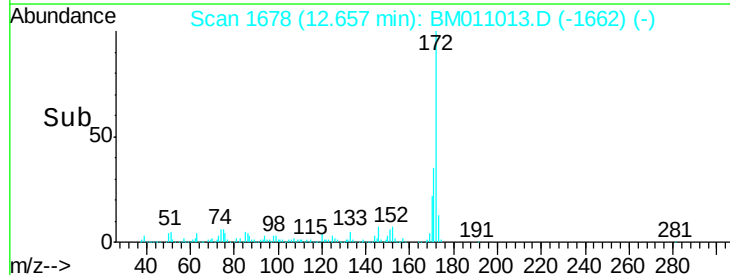
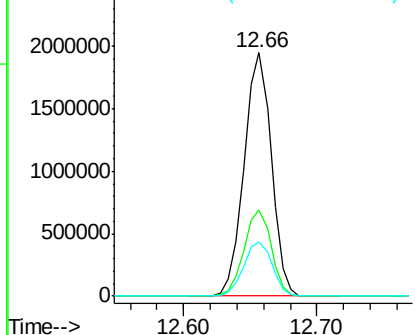


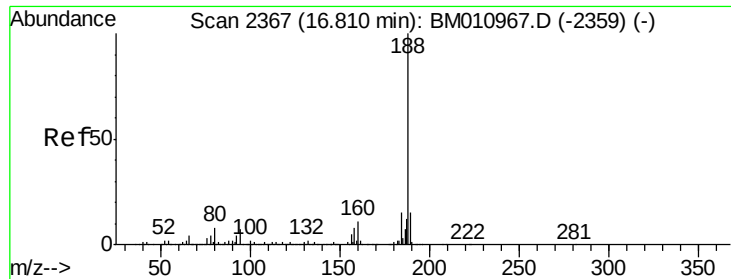
Abundance

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: 20.00 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

Instrument :

BNA_M

ClientSampled :

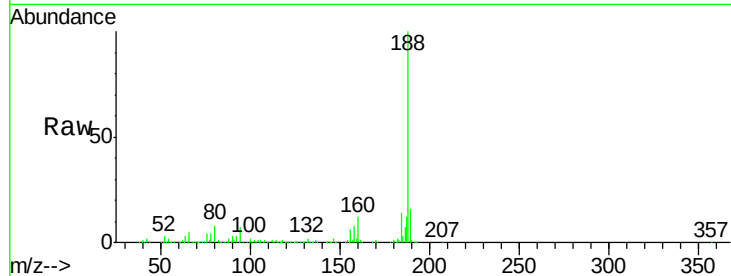
Tot Ion:188 Resp: 1001050

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

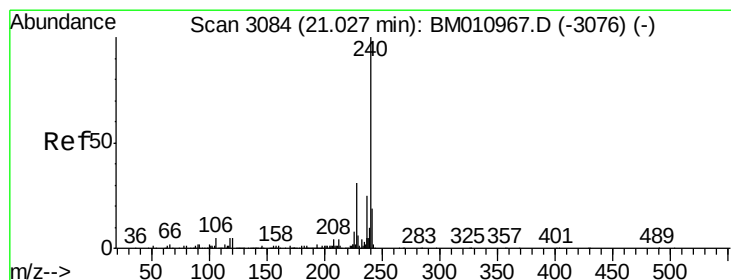
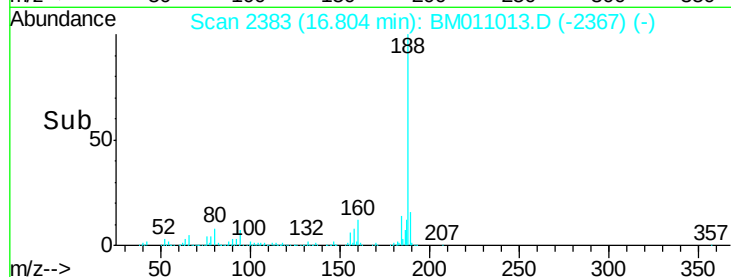
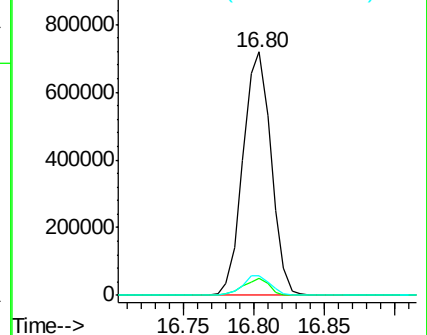
80 8.2 9.3 13.9#



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: 20.00 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011013.D

Acq: 27 Jul 2017 16:35

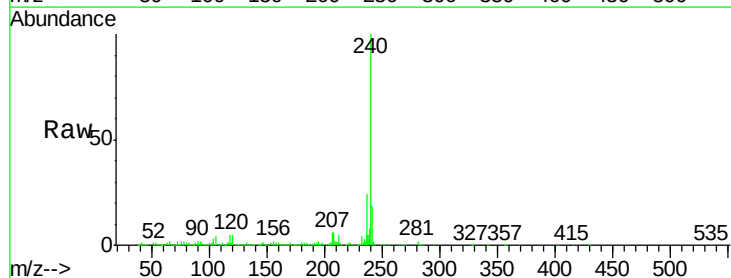
Tgt Ion:240 Resp: 872654

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

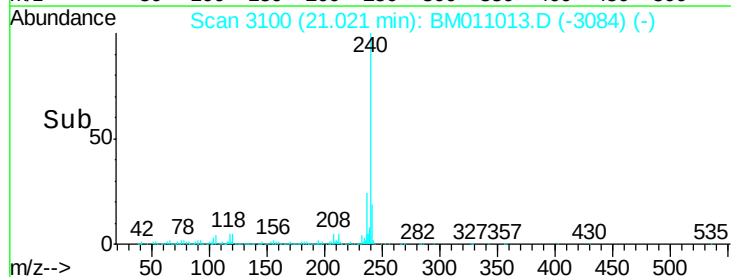
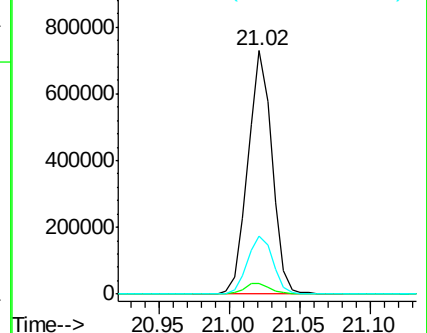
236 23.6 20.0 30.0

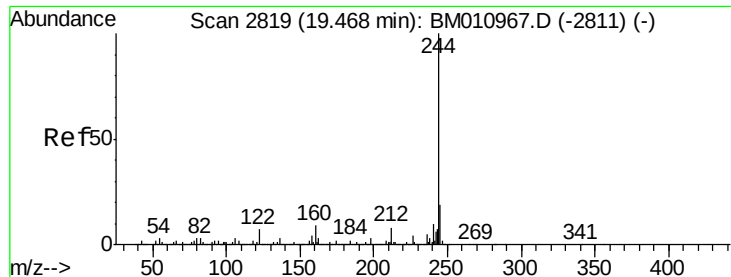


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

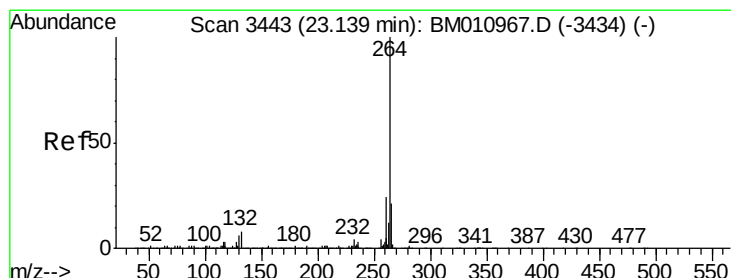
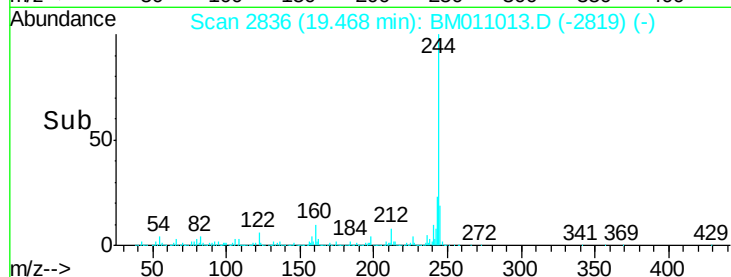
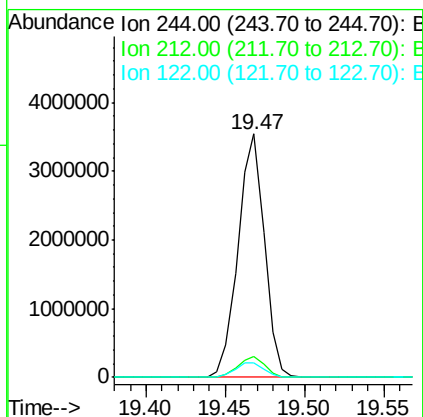
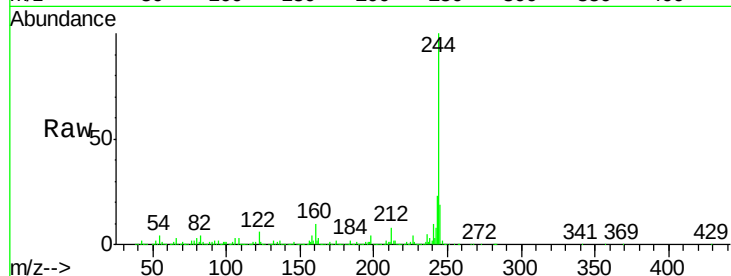




#78
 Terphenyl-d14
 Concen: 92.43 ng
 RT: 19.47 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4071728
 Ion Ratio Lower Upper
 244 100
 212 8.5 4.9 7.3#
 122 5.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.13 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM011013.D
 Acq: 27 Jul 2017 16:35

Tgt Ion:264 Resp: 683638
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 27.8
 265 20.8 17.3 25.9

