

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016344.D
 Acq On : 14 Aug 2018 03:45
 Operator : SJ/JU
 Sample : J4447-35
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-9

Quant Time: Aug 14 05:21:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

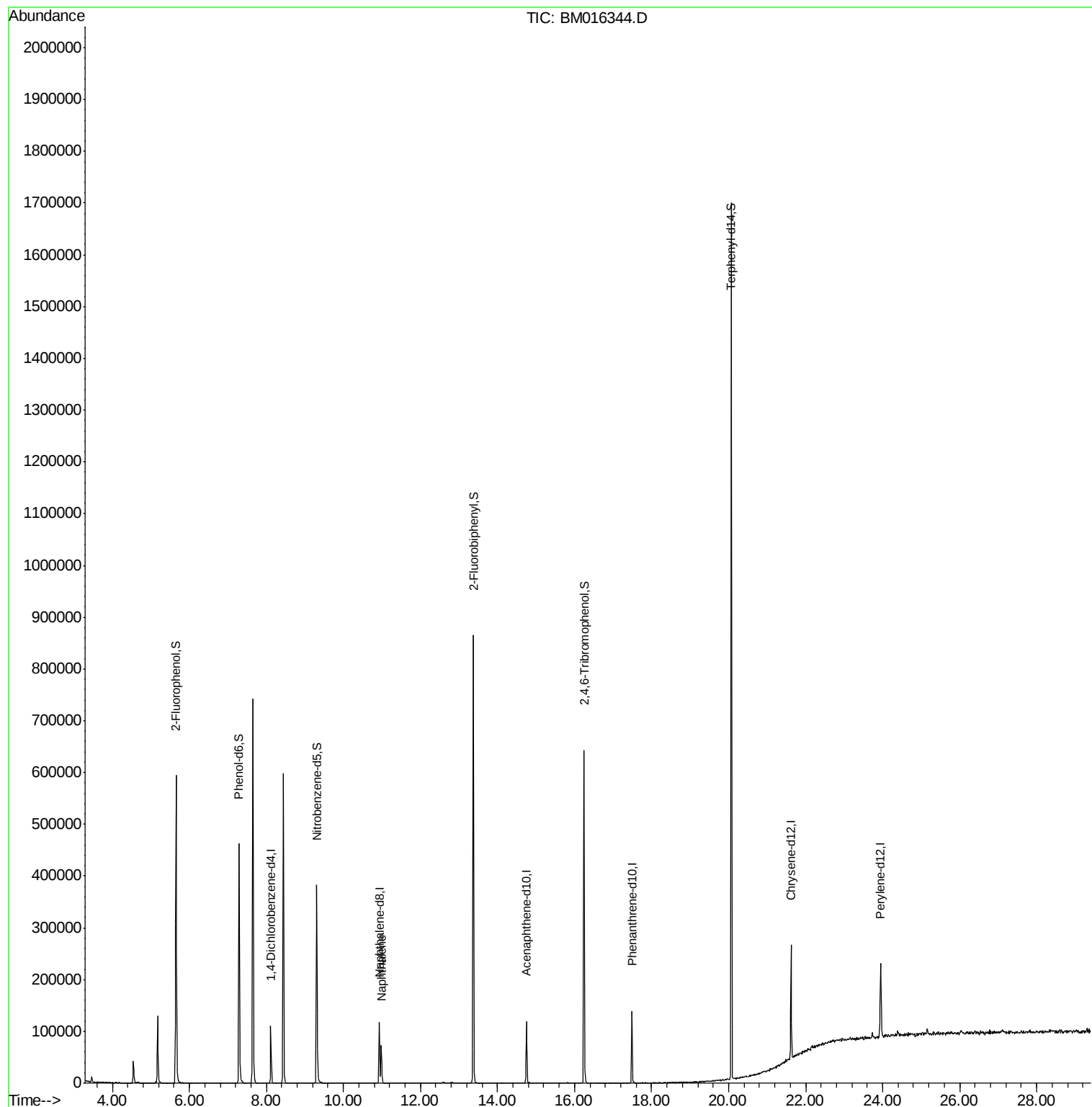
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21876	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	71773	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	33008	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	66291	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	81100	20.00	ng	-0.02
86) Perylene-d12	23.95	264	93643	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	176918	134.34	ng	-0.01
7) Phenol-d6	7.29	99	169495	98.55	ng	-0.02
23) Nitrobenzene-d5	9.30	82	183825	119.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	59788	142.81	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	317051	116.87	ng	-0.02
78) Terphenyl-d14	20.07	244	485642	125.35	ng	-0.02
Target Compounds						
31) Naphthalene	10.98	128	49368	13.591	ng	Qvalue 97

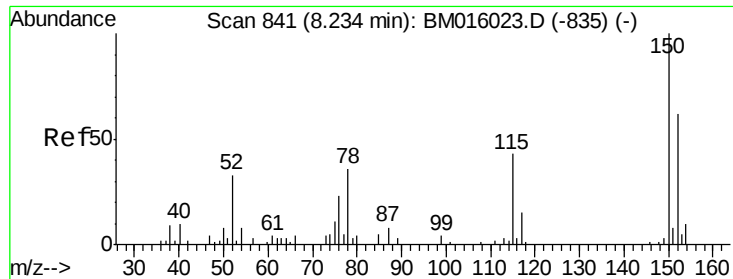
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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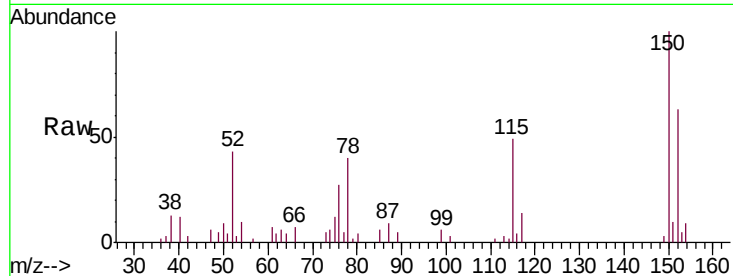


#1

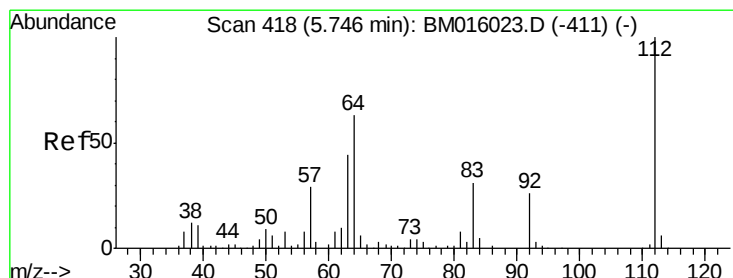
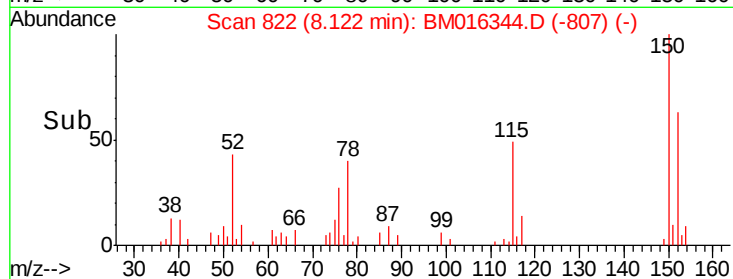
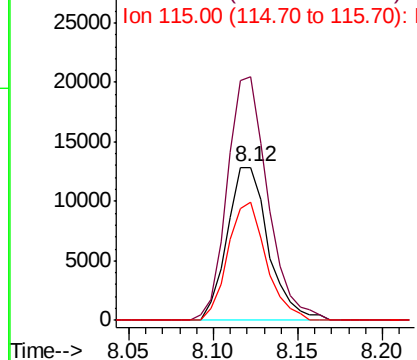
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016344.D
Acq: 14 Aug 2018 03:45

Instrument :
BNA_M
ClientSampleId :
SP-1-9

Tgt Ion:152 Resp: 21876
Ion Ratio Lower Upper
152 100
150 158.9 119.5 179.3
115 77.5 43.0 64.4#



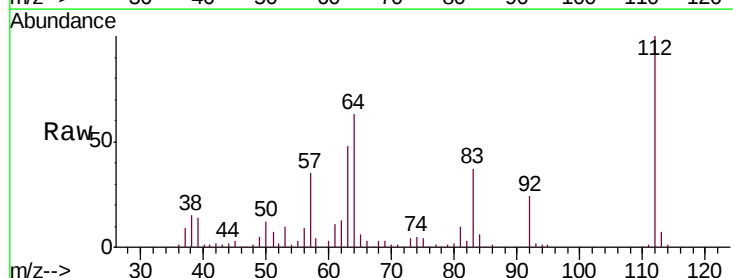
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



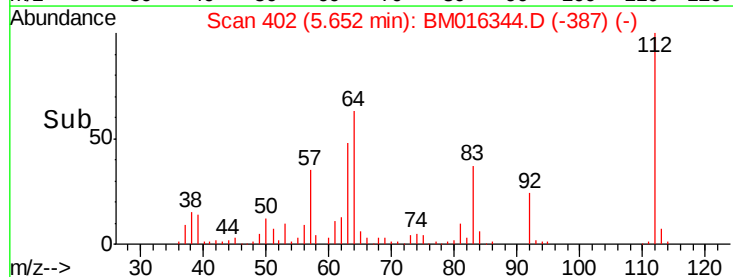
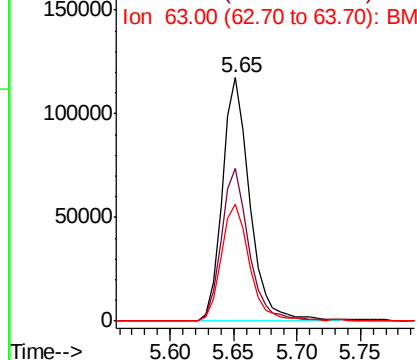
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016344.D
Acq: 14 Aug 2018 03:45

Tgt Ion:112 Resp: 176918
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 48.0 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: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. -0.02 min

Lab File: BM016344.D

Acq: 14 Aug 2018 03:45

Instrument :

BNA_M

ClientSampled :

SP-1-9

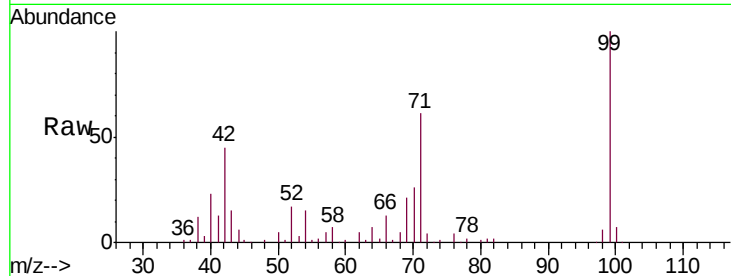
Tgt Ion: 99 Resp: 169495

Ion Ratio Lower Upper

99 100

42 44.6 11.0 16.4#

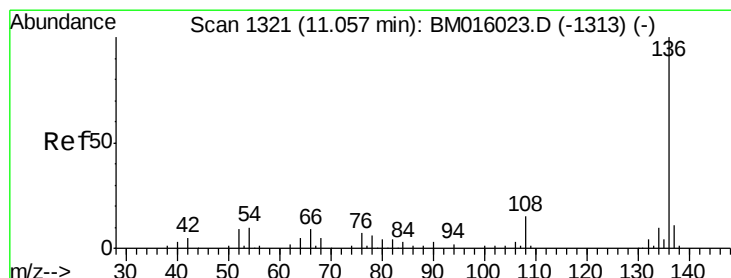
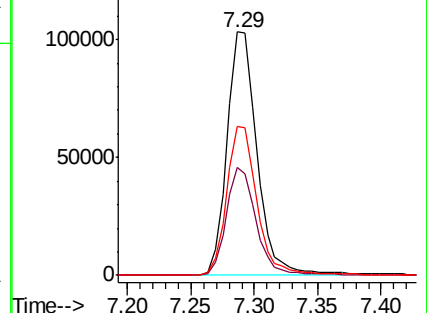
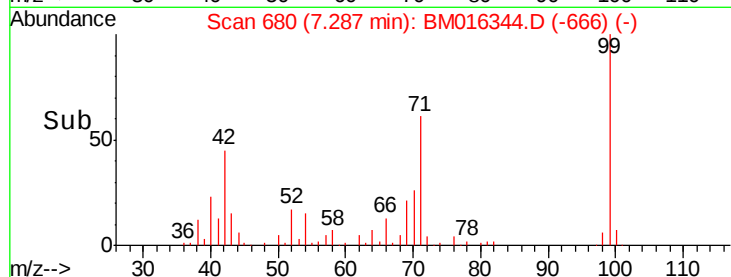
71 61.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016344.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016344.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016344.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM016344.D

Acq: 14 Aug 2018 03:45

Tgt Ion: 136 Resp: 71773

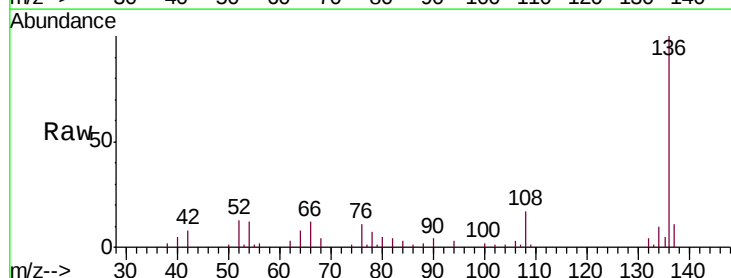
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.6 4.6 6.8#

68 4.1 3.7 5.5

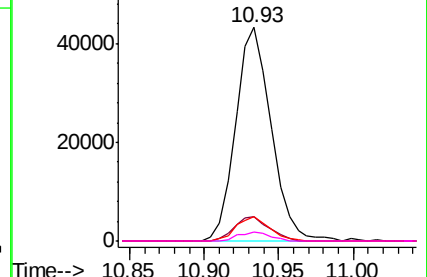
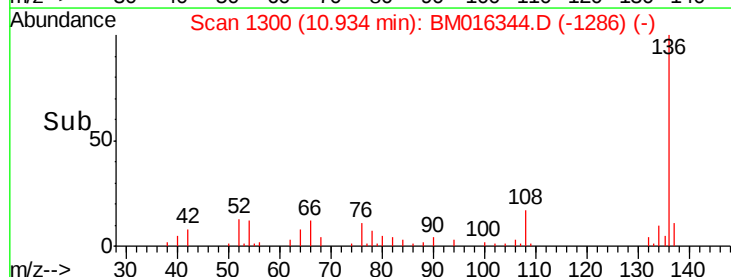


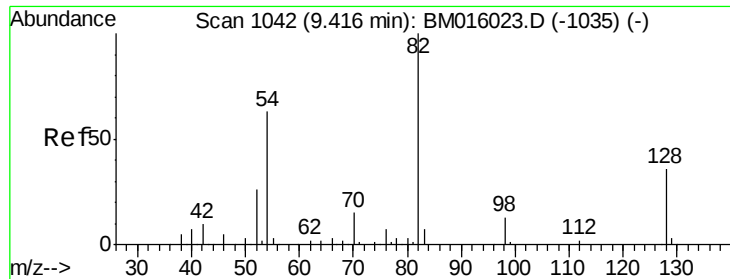
Abundance Ion 136.00 (135.70 to 136.70): BM016344.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016344.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016344.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016344.D (-1286) (-)

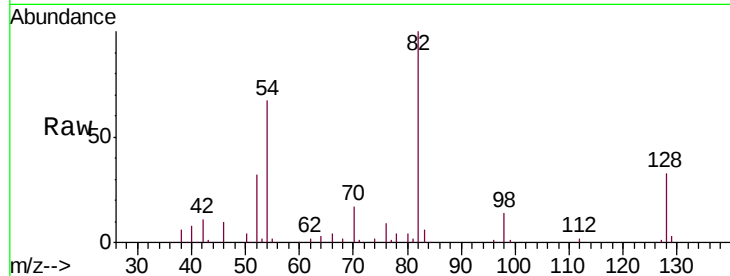




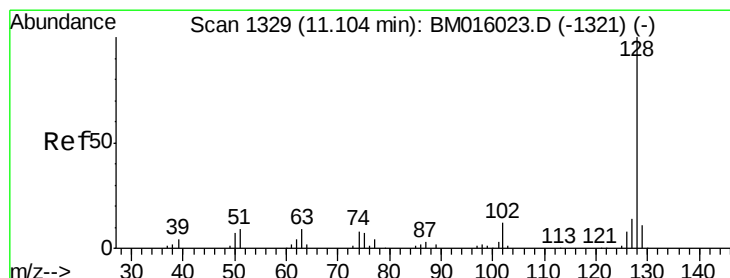
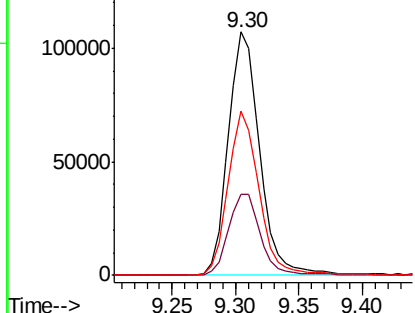
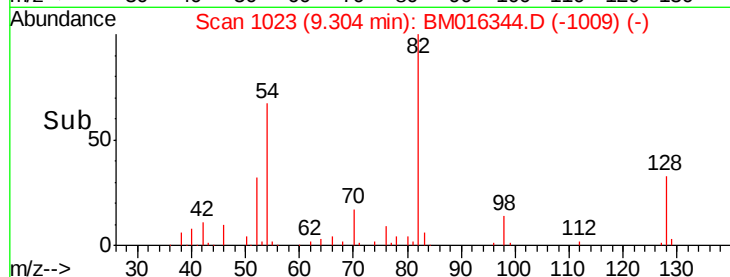
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BM016344.D
Acq: 14 Aug 2018 03:45

Instrument :
BNA_M
ClientSampleId :
SP-1-9

Tgt Ion: 82 Resp: 183825
Ion Ratio Lower Upper
82 100
128 33.1 32.8 49.2
54 67.3 40.6 60.8#

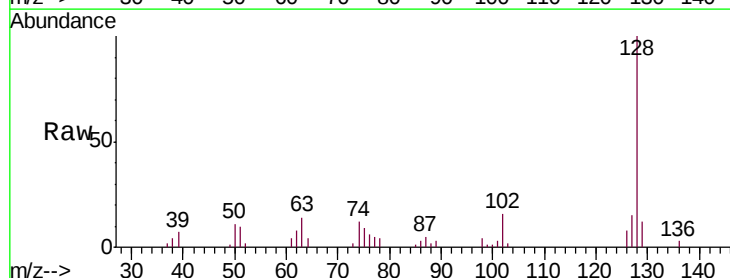


Abundance Ion 82.00 (81.70 to 82.70): BM016344.D (-1009) (-)
Ion 128.00 (127.70 to 128.70): BM016344.D (-1009) (-)
Ion 54.00 (53.70 to 54.70): BM016344.D (-1009) (-)

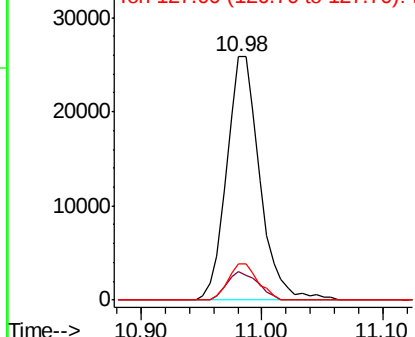
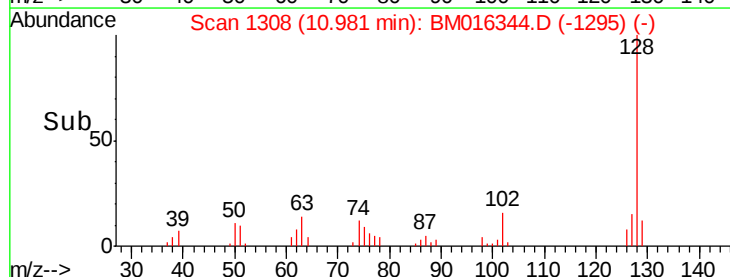


#31
Naphthalene
Concen: 13.591 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BM016344.D
Acq: 14 Aug 2018 03:45

Tgt Ion: 128 Resp: 49368
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 14.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): BM016344.D (-1295) (-)
Ion 129.00 (128.70 to 129.70): BM016344.D (-1295) (-)
Ion 127.00 (126.70 to 127.70): BM016344.D (-1295) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BM016344.D

Acq: 14 Aug 2018 03:45

Instrument :

BNA_M

ClientSampleId :

SP-1-9

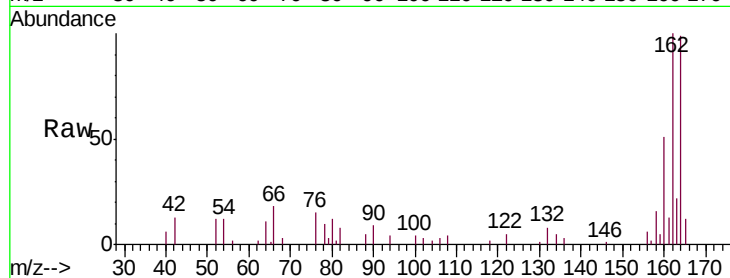
Tgt Ion:164 Resp: 33008

Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

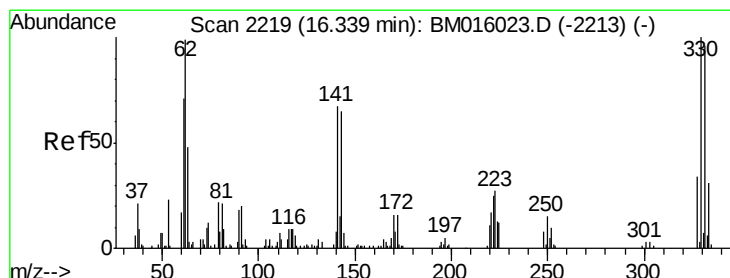
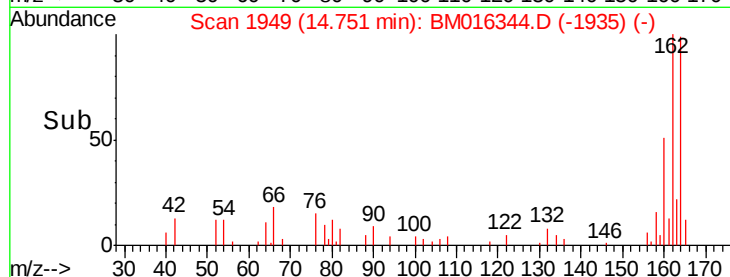
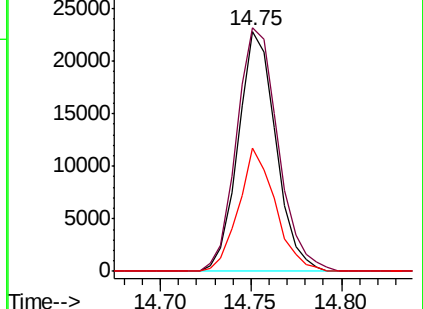
160 51.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BM016344.D

Acq: 14 Aug 2018 03:45

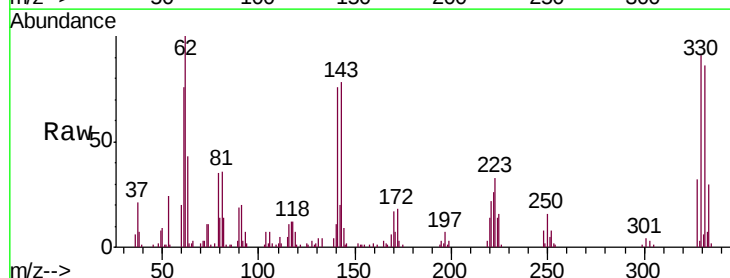
Tgt Ion:330 Resp: 59788

Ion Ratio Lower Upper

330 100

332 94.7 0.0 0.0#

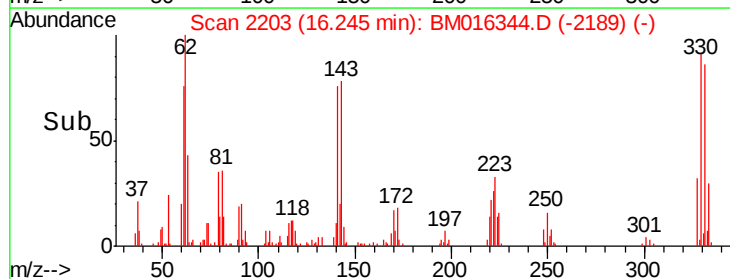
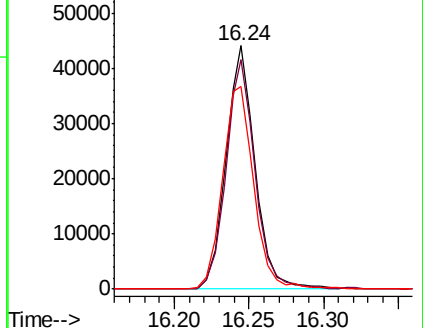
141 90.3 0.0 0.0#



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

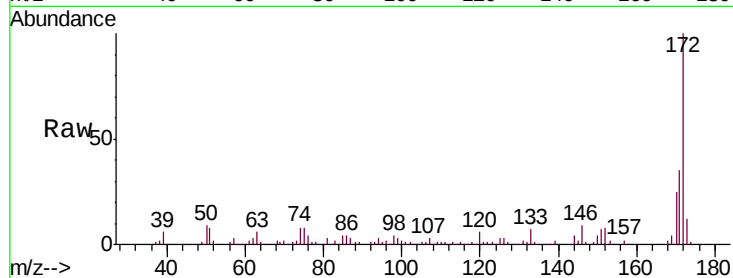




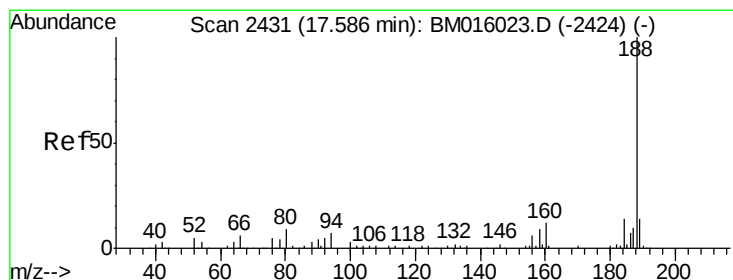
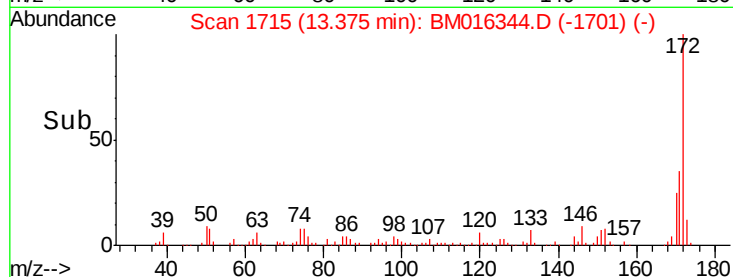
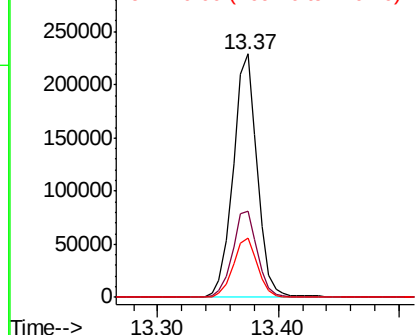
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016344.D
 Acq: 14 Aug 2018 03:45

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-9

Tgt Ion:172 Resp: 317051
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 24.5 18.8 28.2

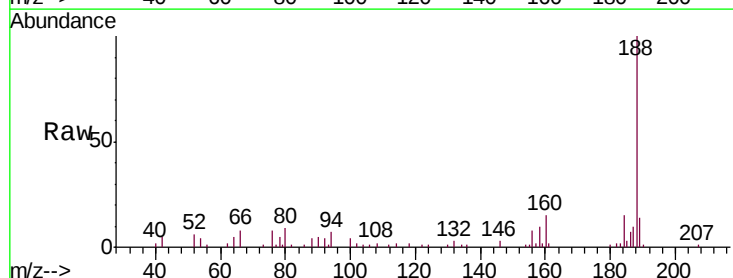


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

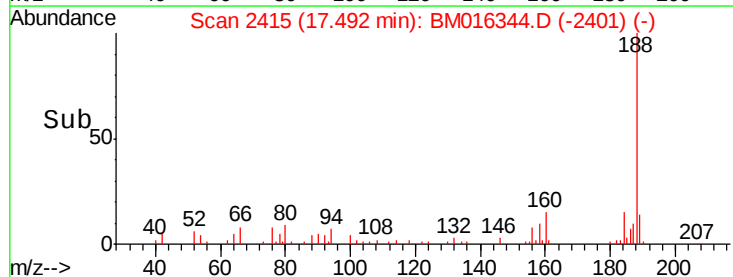
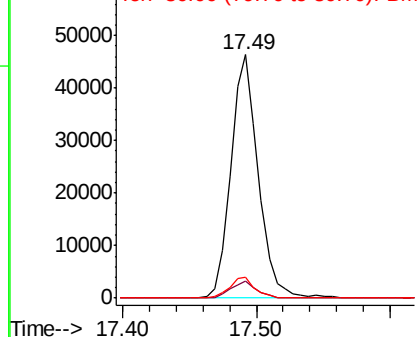


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2415
 Delta R.T. -0.02 min
 Lab File: BM016344.D
 Acq: 14 Aug 2018 03:45

Tgt Ion:188 Resp: 66291
 Ion Ratio Lower Upper
 188 100
 94 6.7 8.7 13.1#
 80 8.7 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: 21.62 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BM016344.D

Acq: 14 Aug 2018 03:45

Instrument :

BNA_M

ClientSampleId :

SP-1-9

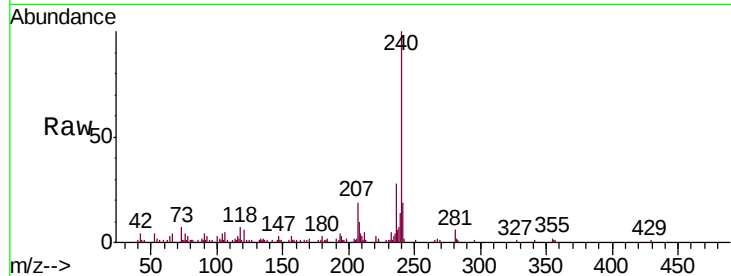
Tgt Ion:240 Resp: 81100

Ion Ratio Lower Upper

240 100

120 5.8 8.2 12.2#

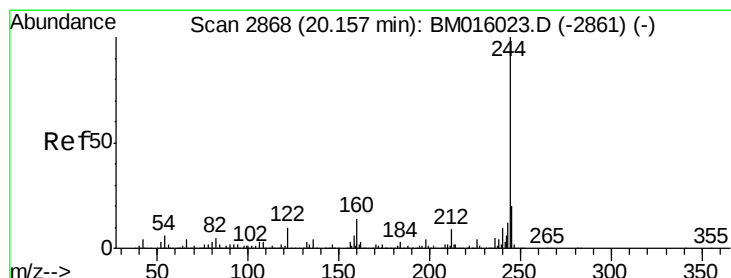
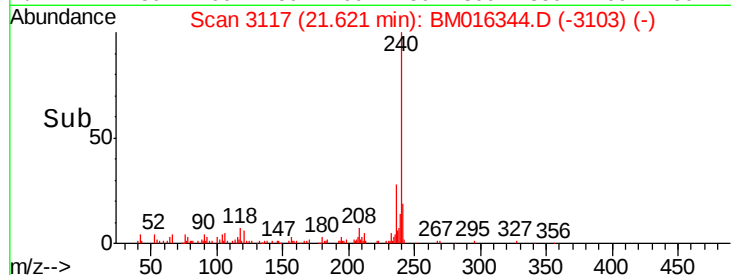
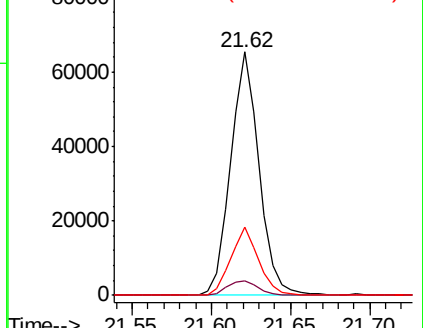
236 28.1 20.0 30.0



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: N.D. ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BM016344.D

Acq: 14 Aug 2018 03:45

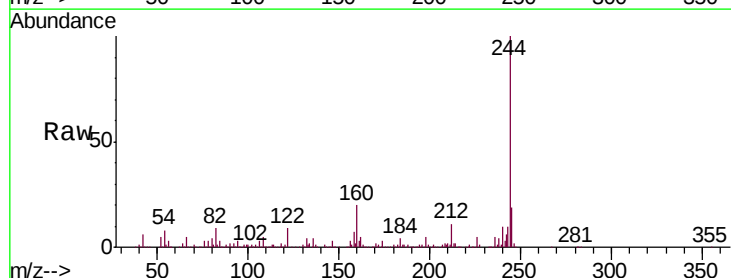
Tgt Ion:244 Resp: 485642

Ion Ratio Lower Upper

244 100

212 11.2 4.9 7.3#

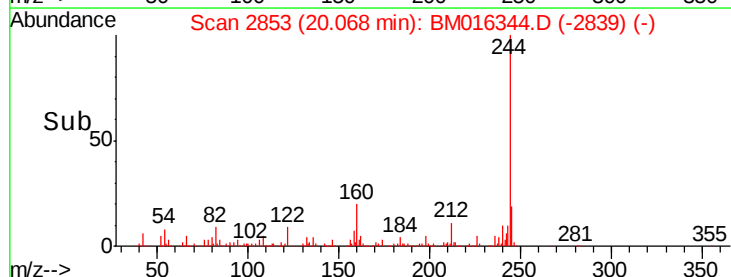
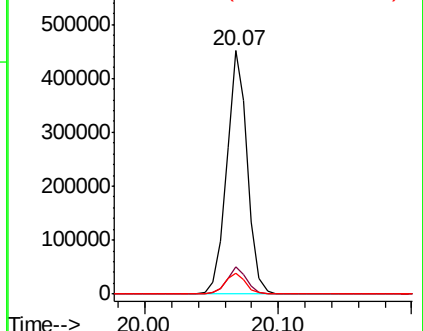
122 8.8 6.2 9.4

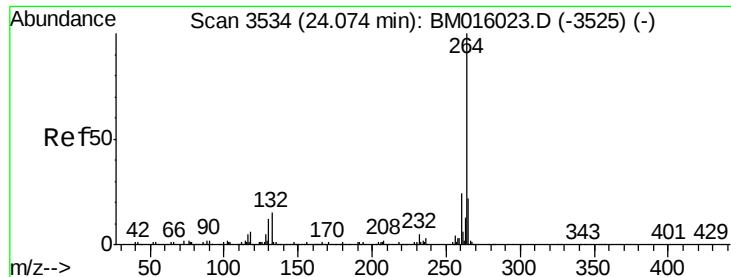


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.95 min Scan# 3513
Delta R.T. -0.02 min
Lab File: BM016344.D
Acq: 14 Aug 2018 03:45

Instrument :
BNA_M
ClientSampleId :
SP-1-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	23.2	17.3	25.9

