

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016354.D
 Acq On : 14 Aug 2018 14:48
 Operator : SJ/JU
 Sample : J4442-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4

Quant Time: Aug 15 11:44:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

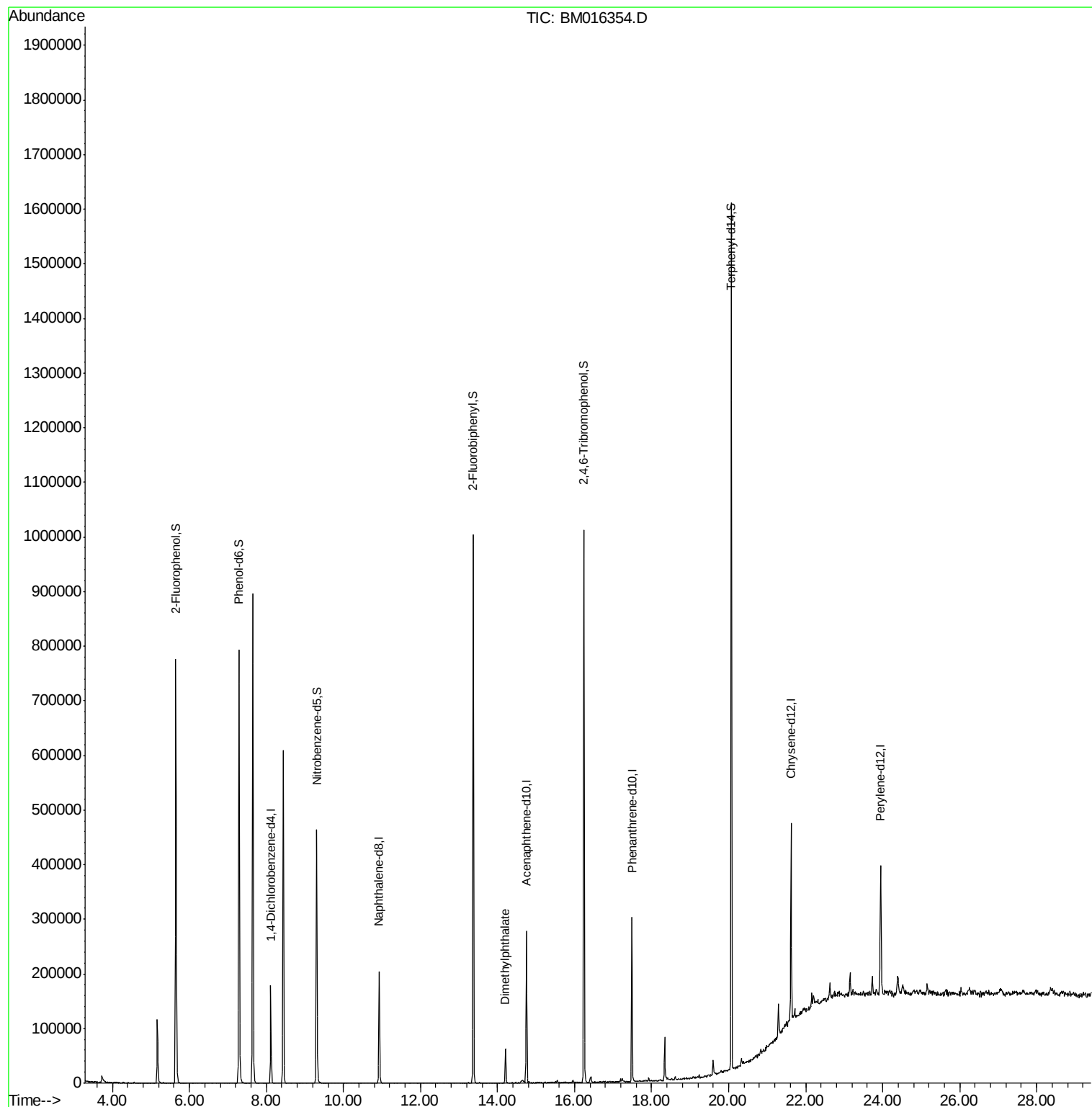
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36179	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	137903	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	73697	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	145359	20.00	ng	0.00
75) Chrysene-d12	21.62	240	127068	20.00	ng	0.00
86) Perylene-d12	23.95	264	141052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	245519	112.73	ng	0.00
7) Phenol-d6	7.29	99	305287	107.33	ng	0.00
23) Nitrobenzene-d5	9.30	82	224184	75.61	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	99372	106.31	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	397028	65.55	ng	0.00
78) Terphenyl-d14	20.07	244	483191	79.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	34238	5.309	ng	Qvalue 98

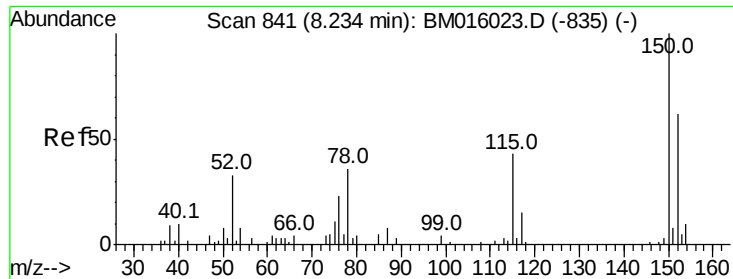
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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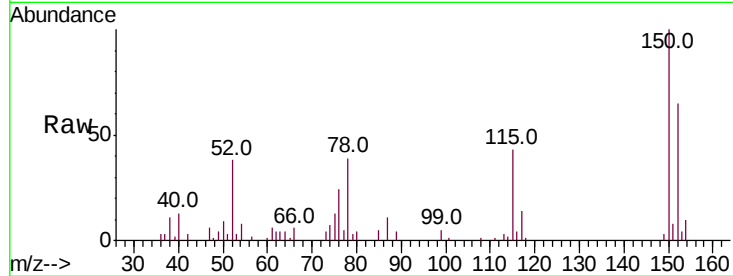


#1

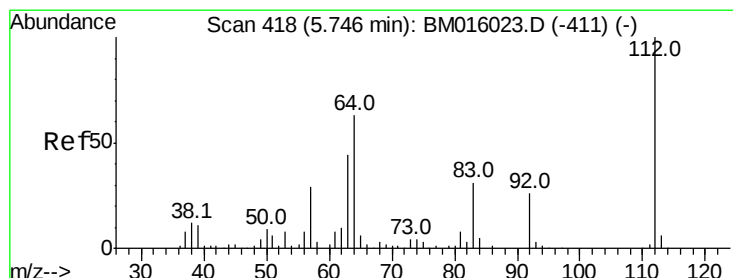
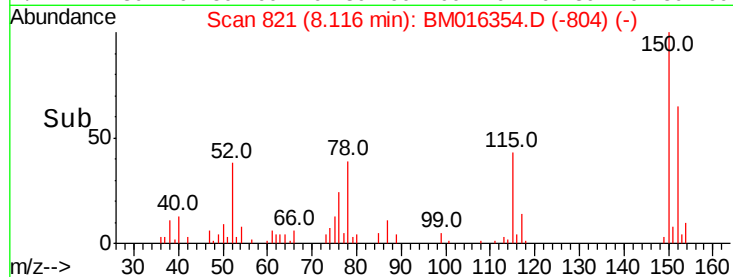
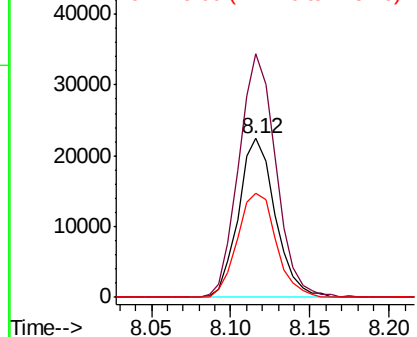
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. 0.00 min
Lab File: BM016354.D
Acq: 14 Aug 2018 14:48

Instrument :
BNA_M
ClientSampleId :
SP-1-4

Tot Ion:152 Resp: 36179
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 65.5 43.0 64.4#



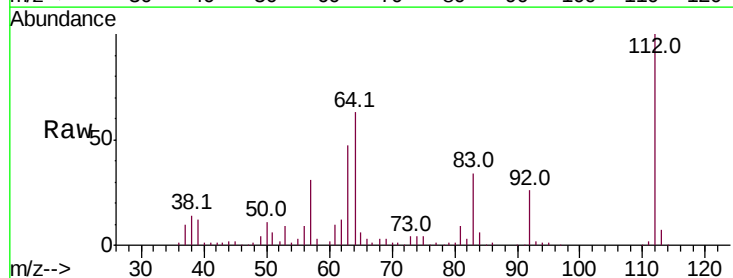
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



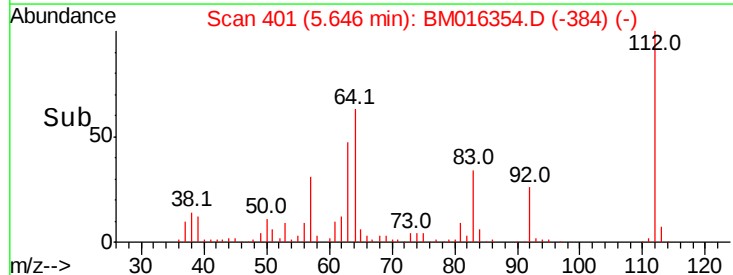
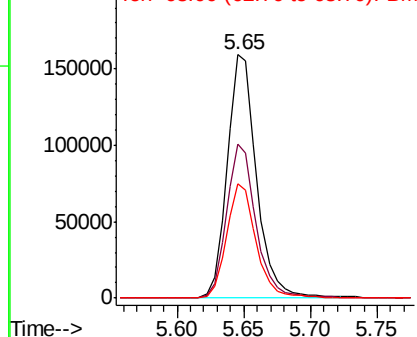
#5

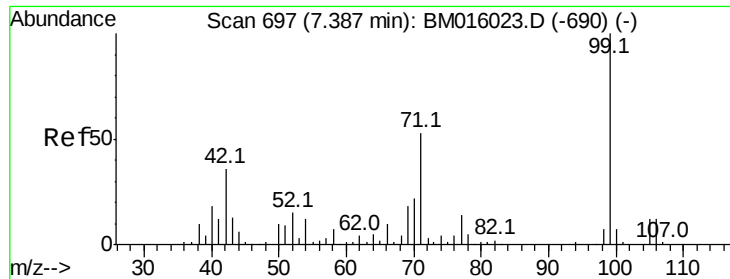
2-Fluorophenol
Concen: Below ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016354.D
Acq: 14 Aug 2018 14:48

Tgt Ion:112 Resp: 245519
Ion Ratio Lower Upper
112 100
64 63.4 38.6 57.8#
63 47.1 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: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

Instrument :

BNA_M

ClientSampleId :

SP-1-4

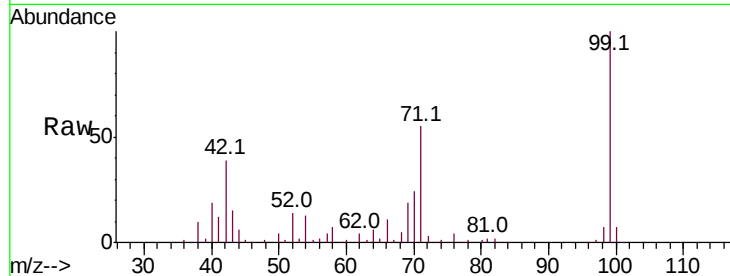
Tot Ion: 99 Resp: 305287

Ion Ratio Lower Upper

99 100

42 38.6 11.0 16.4#

71 55.1 23.4 35.2#

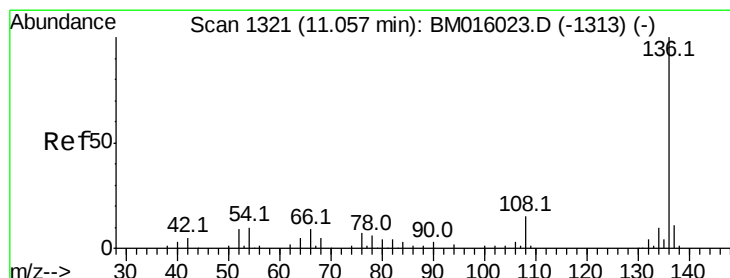
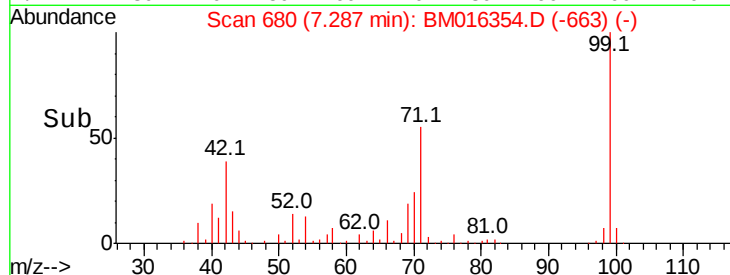
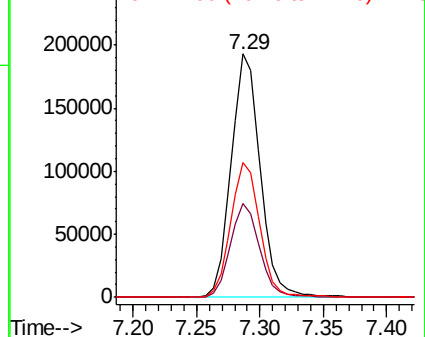


Abundance

Ion 99.00 (98.70 to 99.70): BM016354.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016354.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016354.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

Tgt Ion: 136 Resp: 137903

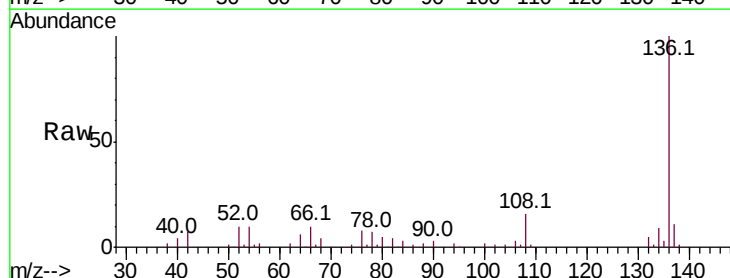
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.3 4.6 6.8#

68 3.9 3.7 5.5



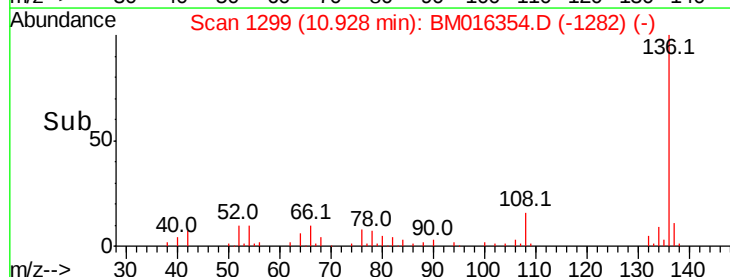
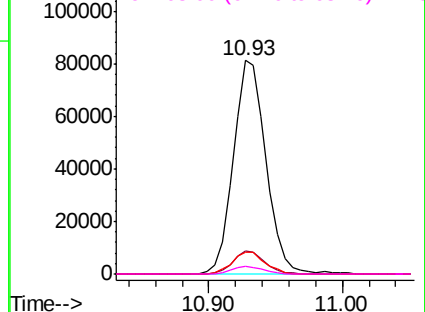
Abundance

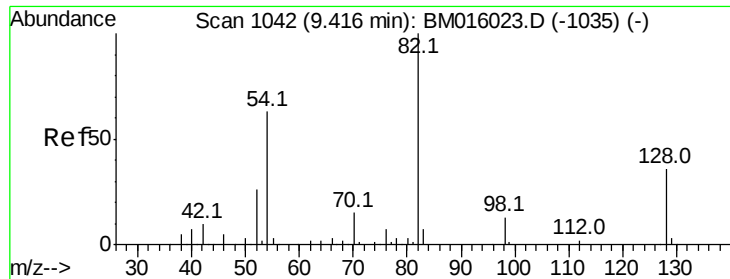
Ion 136.00 (135.70 to 136.70): BM016354.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016354.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016354.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016354.D (-1282) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

Instrument :

BNA_M

ClientSampleId :

SP-1-4

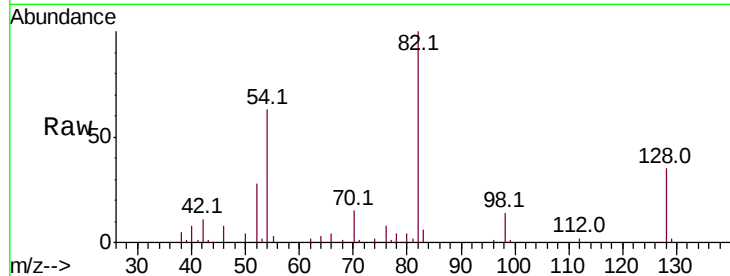
Tot Ion: 82 Resp: 224184

Ion Ratio Lower Upper

82 100

128 35.5 32.8 49.2

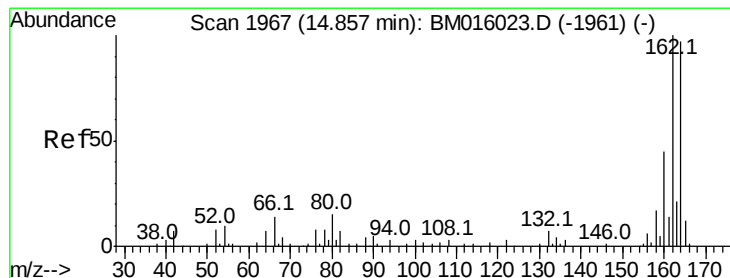
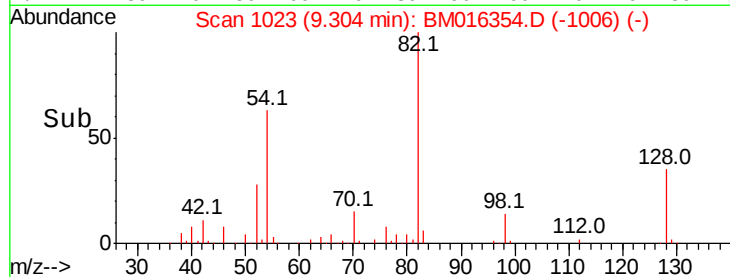
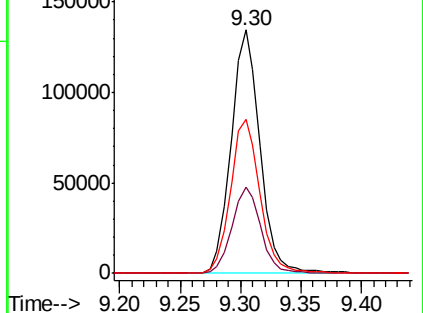
54 63.2 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1035) (-)

Ion 128.00 (127.70 to 128.70): BM016023.D (-1035) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1035) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

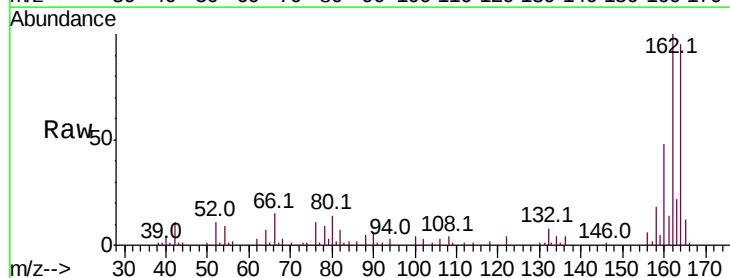
Tgt Ion:164 Resp: 73697

Ion Ratio Lower Upper

164 100

162 104.9 82.4 123.6

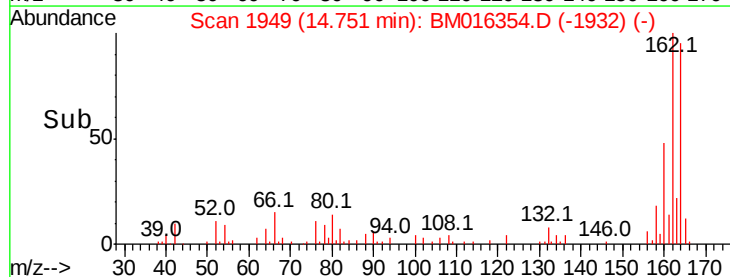
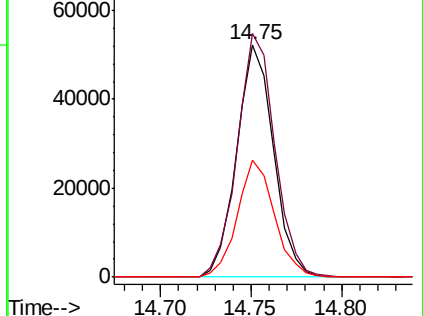
160 50.6 35.8 53.6

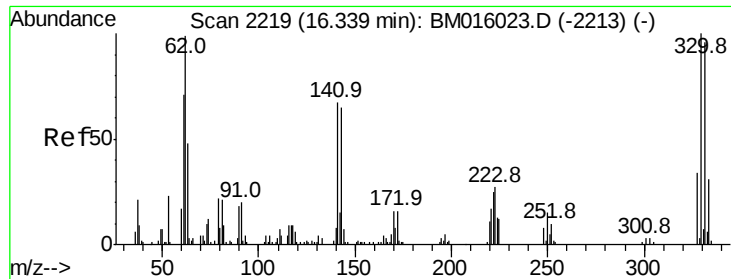


Abundance Ion 164.00 (163.70 to 164.70): BM016023.D (-1961) (-)

Ion 162.00 (161.70 to 162.70): BM016023.D (-1961) (-)

Ion 160.00 (159.70 to 160.70): BM016023.D (-1961) (-)





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.24 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

Instrument :

BNA_M

ClientSampled :

SP-1-4

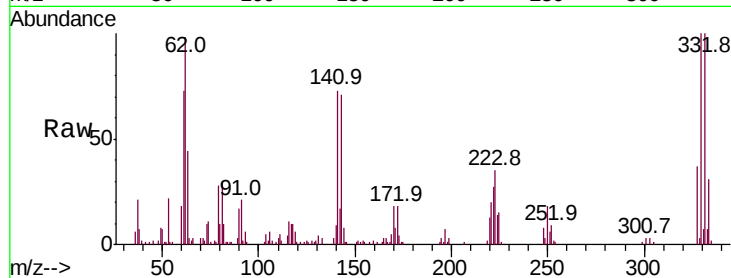
Tot Ion:330 Resp: 99372

Ion Ratio Lower Upper

330 100

332 98.2 0.0 0.0#

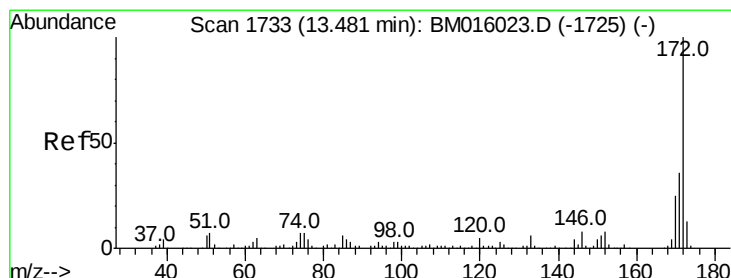
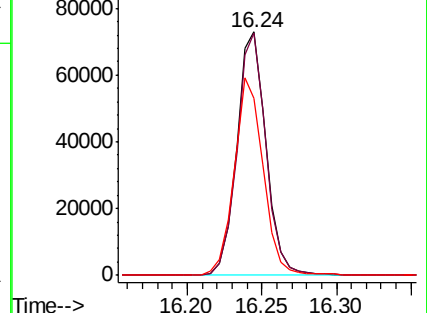
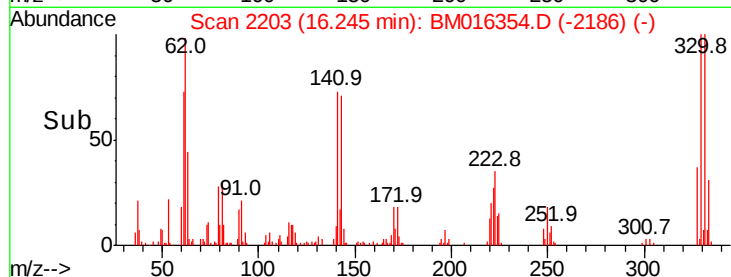
141 80.9 0.0 0.0#



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. 0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

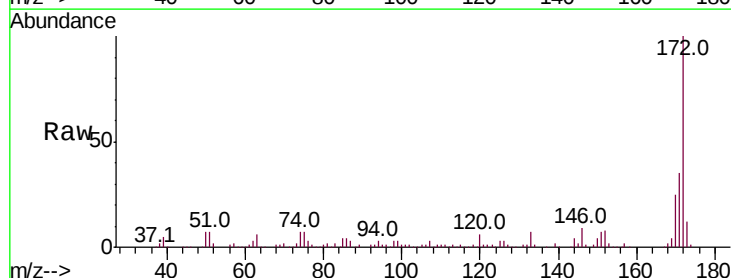
Tgt Ion:172 Resp: 397028

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

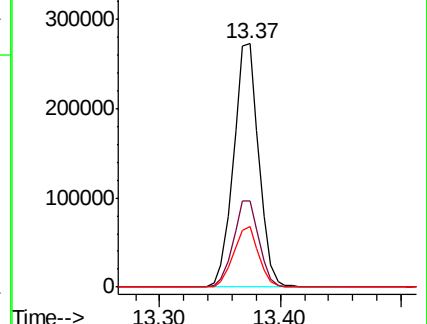
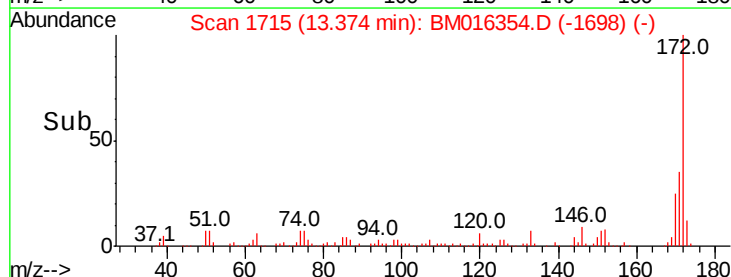
170 24.9 18.8 28.2

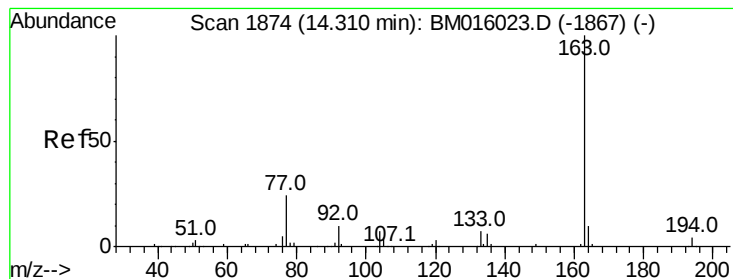


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.309 ng

RT: 14.21 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

Instrument :

BNA_M

ClientSampleId :

SP-1-4

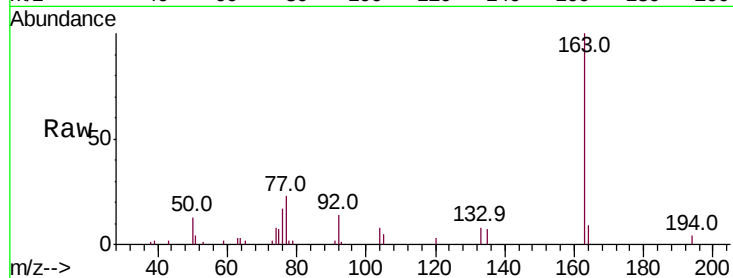
Tot Ion:163 Resp: 34238

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

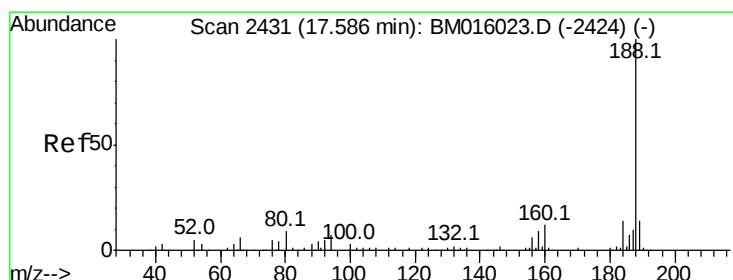
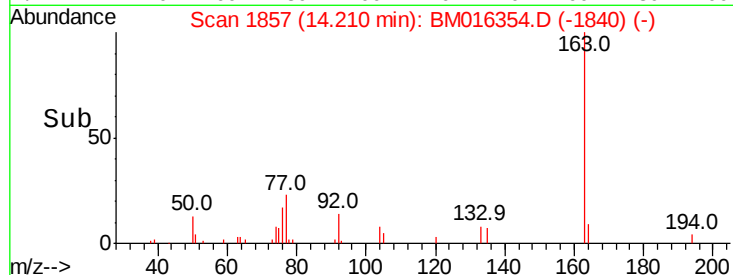
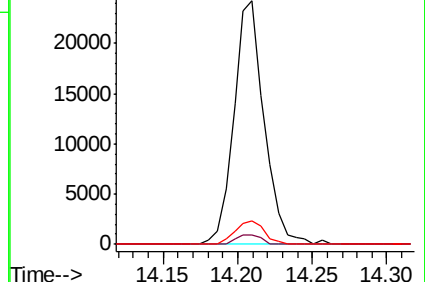
164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

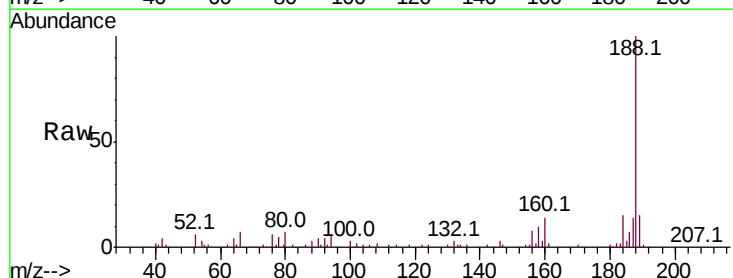
Tgt Ion:188 Resp: 145359

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

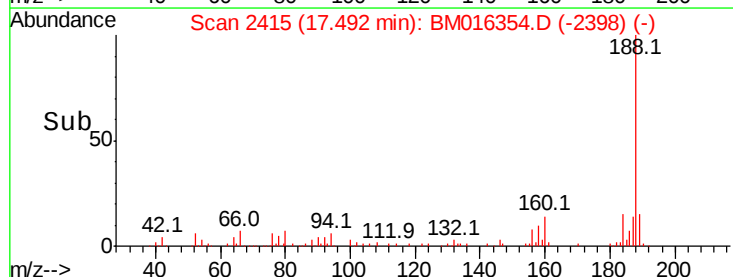
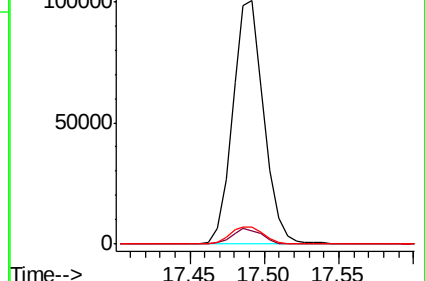
80 6.9 9.3 13.9#

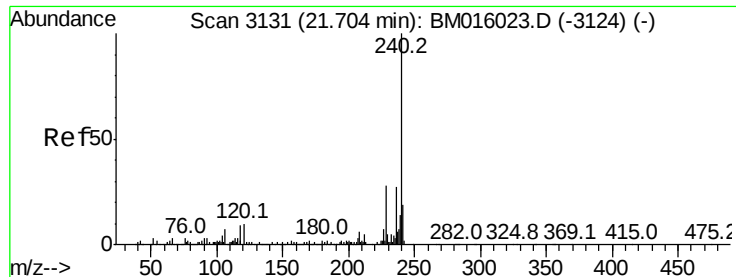


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

Instrument :

BNA_M

ClientSampleId :

SP-1-4

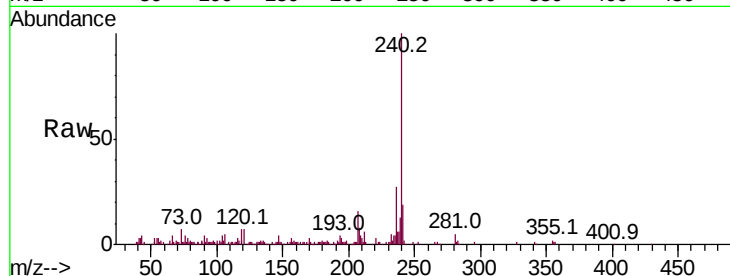
Tot Ion:240 Resp: 127068

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

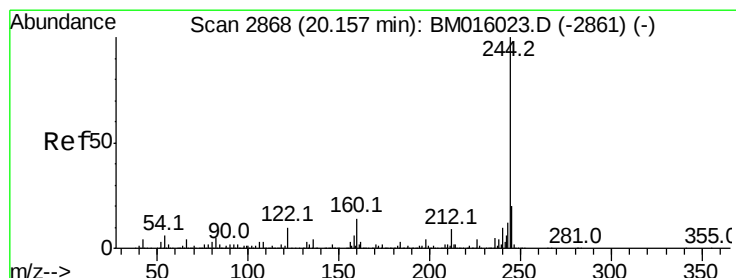
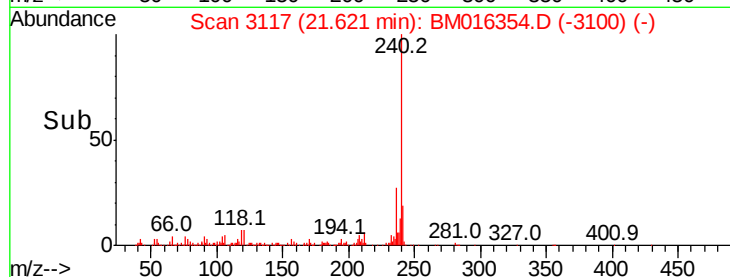
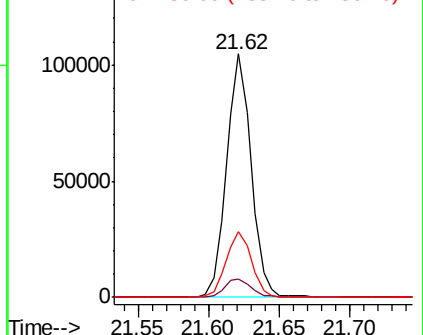
236 26.9 20.0 30.0



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: Below ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016354.D

Acq: 14 Aug 2018 14:48

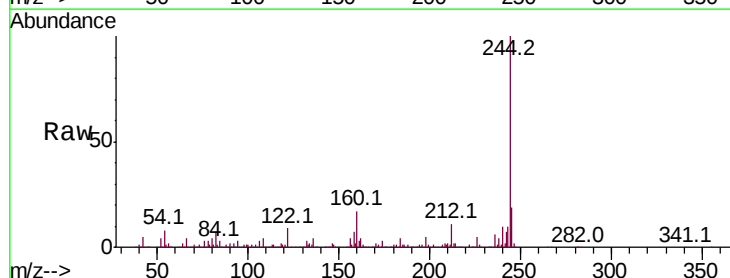
Tgt Ion:244 Resp: 483191

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

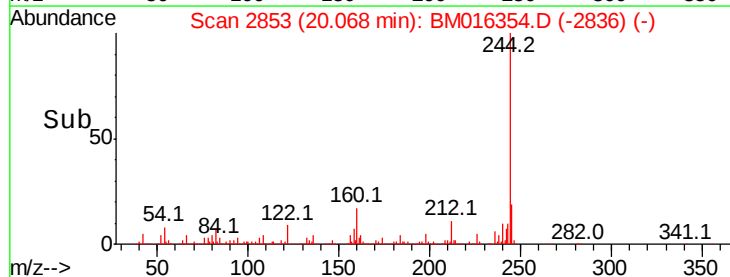
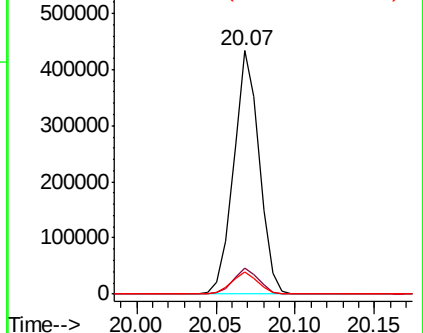
122 9.4 6.2 9.4#

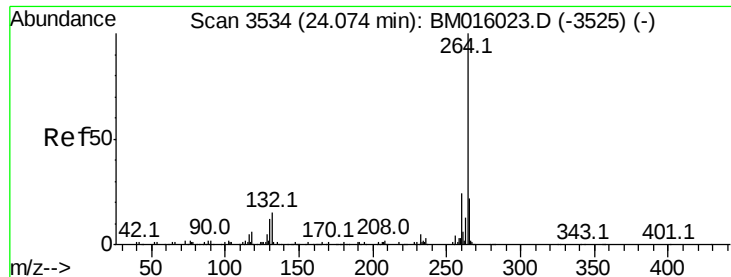


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016354.D
Acq: 14 Aug 2018 14:48

Instrument :
BNA_M
ClientSampleId :
SP-1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.0	17.3	25.9

