

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016408.D
 Acq On : 16 Aug 2018 09:14
 Operator : SJ/JU
 Sample : J4462-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 081318-DBRI-F-D-B

Quant Time: Aug 16 12:00:18 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

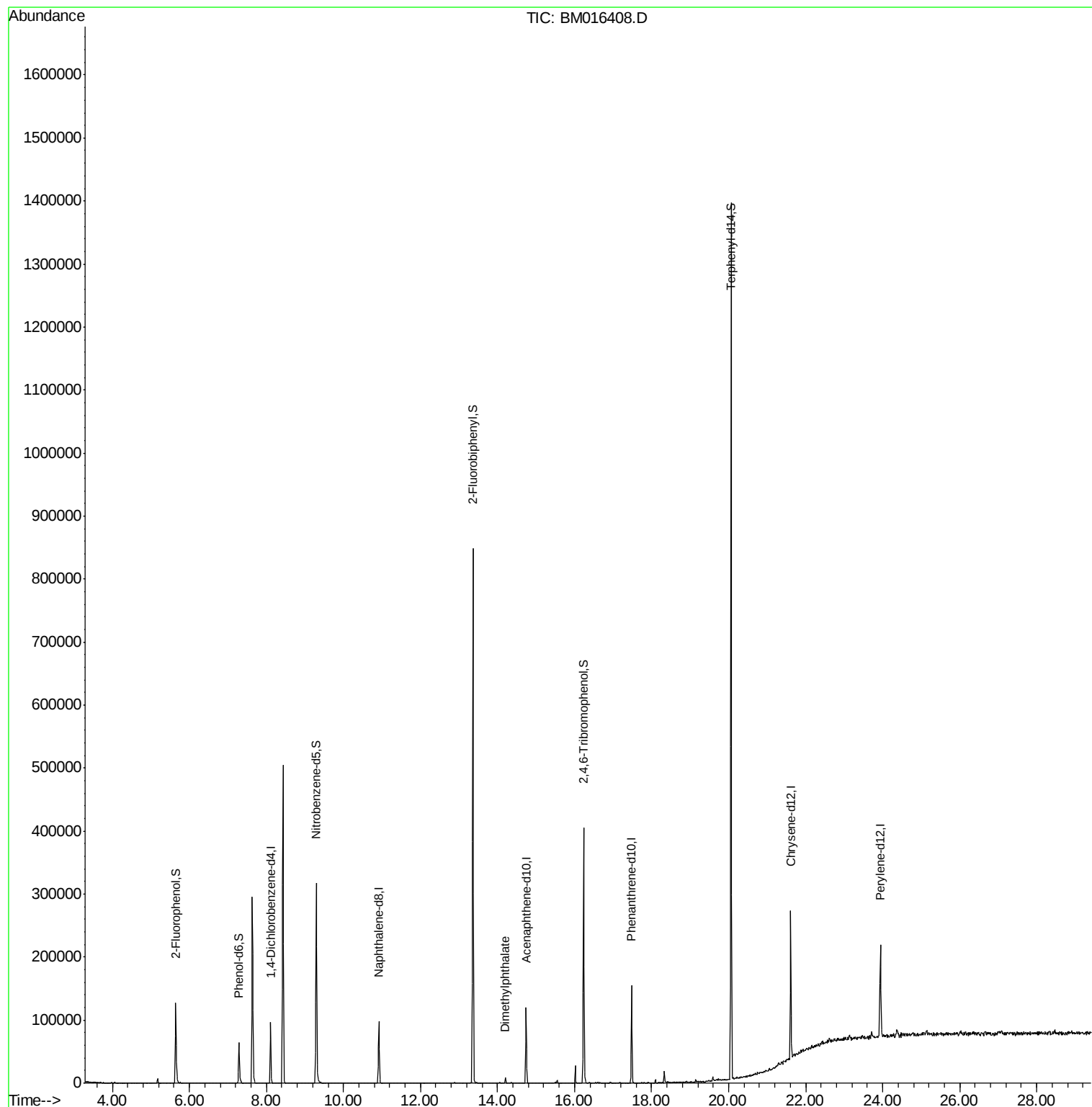
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17720	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	62170	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	31771	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	72474	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	90000	20.00	ng	0.00
86) Perylene-d12	23.94	264	97964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	42366	39.71	ng	0.00
7) Phenol-d6	7.28	99	27021	19.40	ng	0.00
23) Nitrobenzene-d5	9.29	82	149828	112.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	35852	88.97	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	293863	112.54	ng	-0.01
78) Terphenyl-d14	20.06	244	419283	97.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	6350	2.284	ng	Qvalue # 95

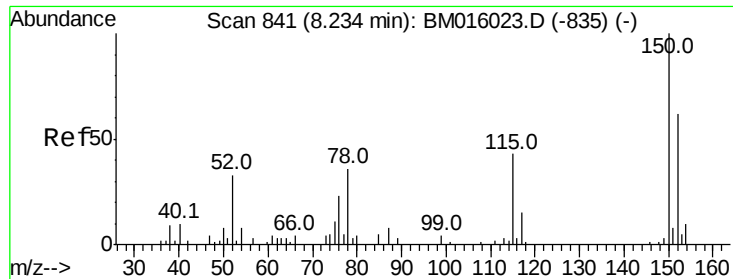
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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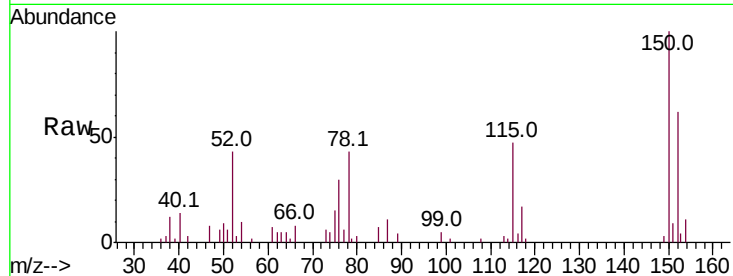




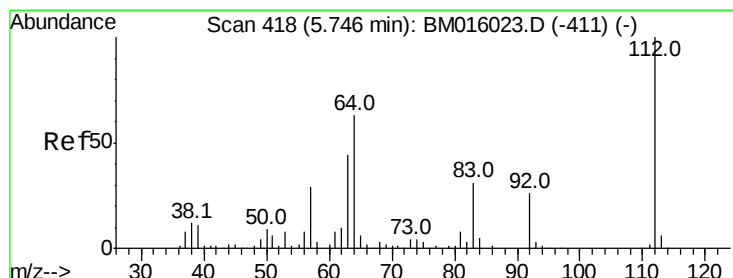
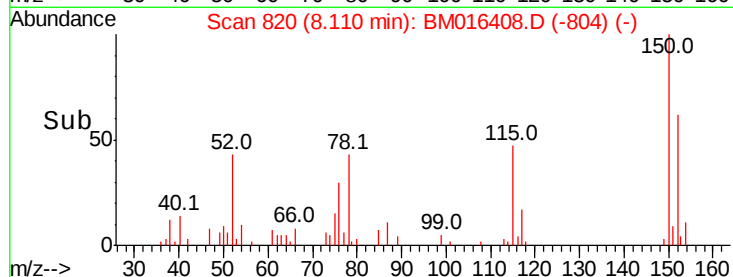
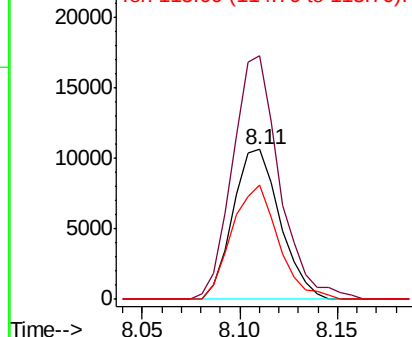
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Instrument :
 BNA_M
 ClientSampleId :
 081318-DBRI-F-D-B

Tot Ion:152 Resp: 17720
 Ion Ratio Lower Upper
 152 100
 150 162.5 119.5 179.3
 115 76.2 43.0 64.4#

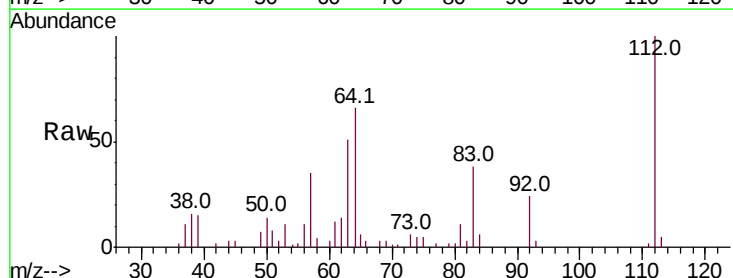


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

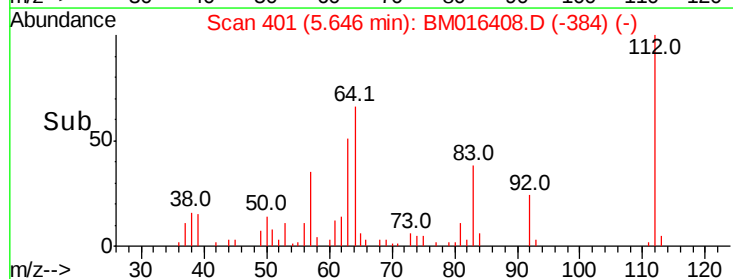
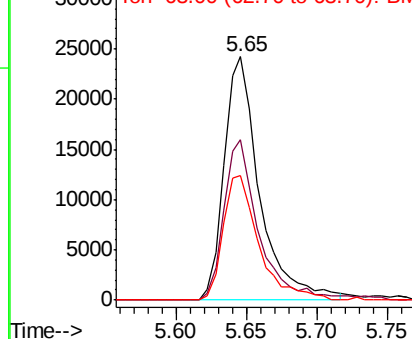


#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Tgt Ion:112 Resp: 42366
 Ion Ratio Lower Upper
 112 100
 64 65.8 38.6 57.8#
 63 51.2 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: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Instrument :

BNA_M

ClientSampleId :

081318-DBRI-F-D-B

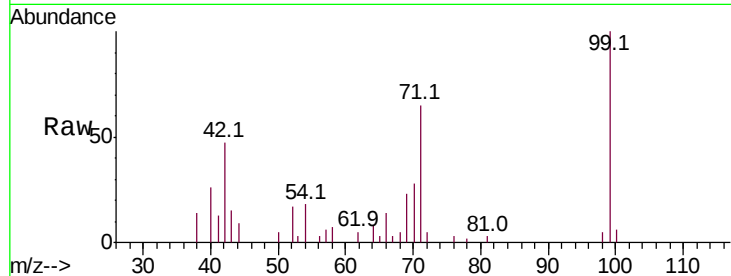
Tot Ion: 99 Resp: 27021

Ion Ratio Lower Upper

99 100

42 46.6 11.0 16.4#

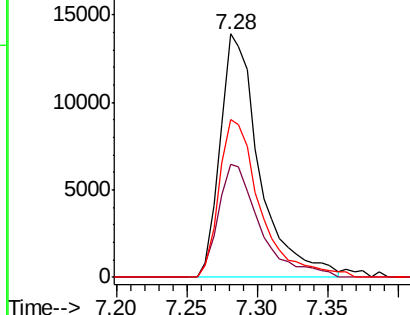
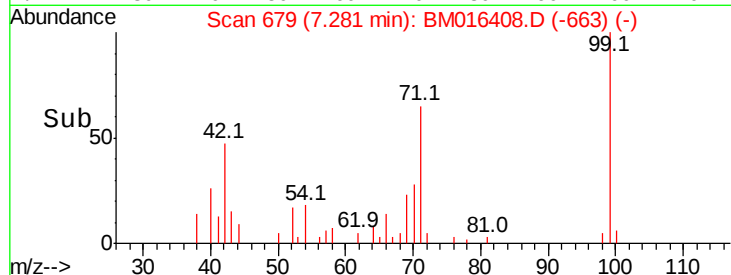
71 64.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016408.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016408.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016408.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Tgt Ion: 136 Resp: 62170

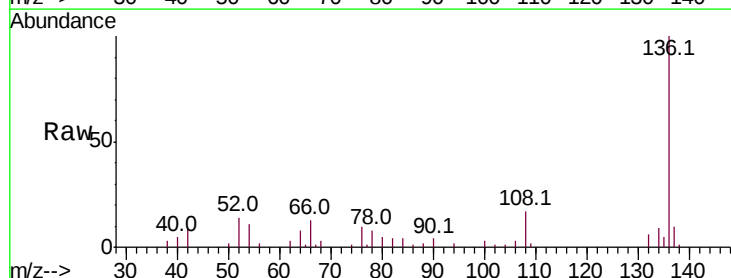
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 10.7 4.6 6.8#

68 3.0 3.7 5.5#

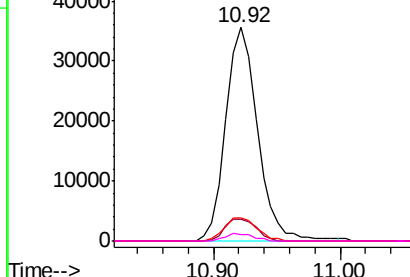
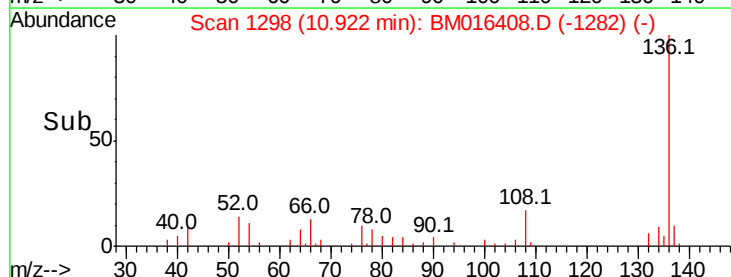


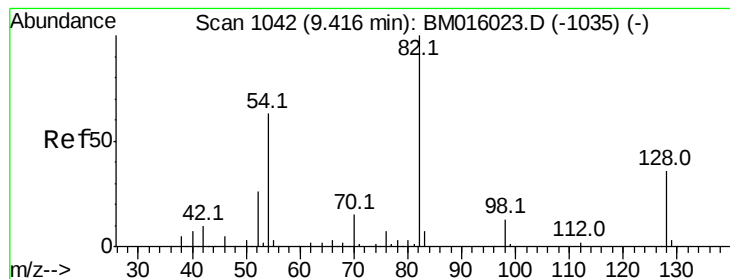
Abundance Ion 136.00 (135.70 to 136.70): BM016408.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016408.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016408.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016408.D (-1282) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.29 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Instrument :

BNA_M

ClientSampleId :

081318-DBRI-F-D-B

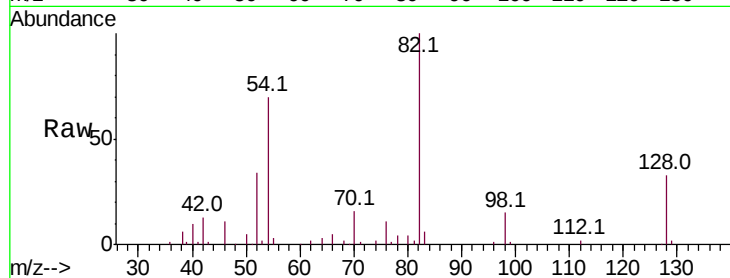
Tot Ion: 82 Resp: 149828

Ion Ratio Lower Upper

82 100

128 33.3 32.8 49.2

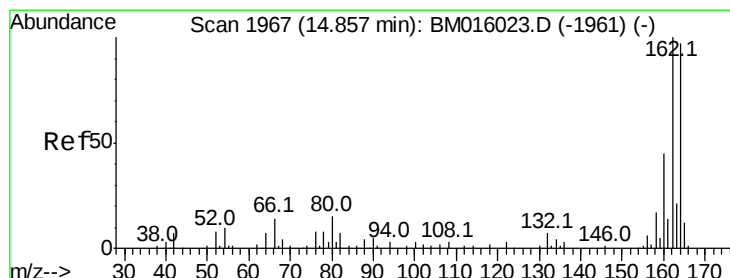
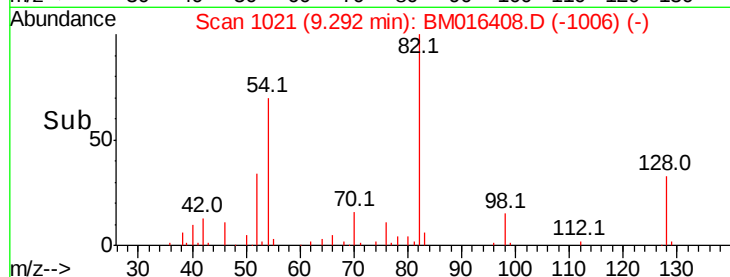
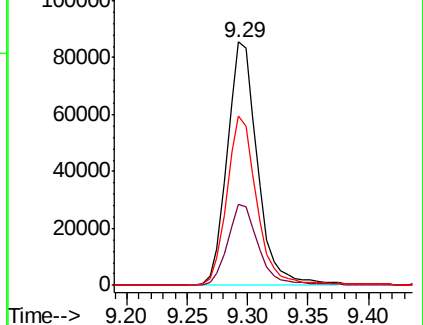
54 69.8 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016408.D (-1006) (-)

Ion 128.00 (127.70 to 128.70): BM016408.D (-1006) (-)

Ion 54.00 (53.70 to 54.70): BM016408.D (-1006) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

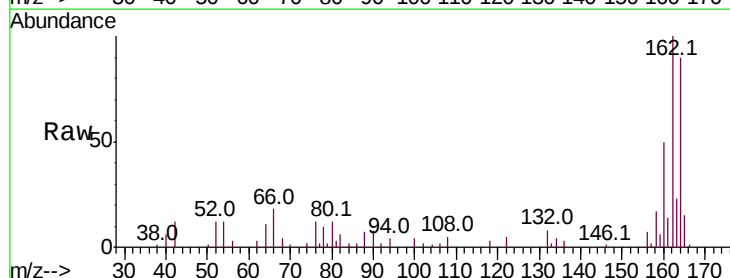
Tgt Ion: 164 Resp: 31771

Ion Ratio Lower Upper

164 100

162 111.7 82.4 123.6

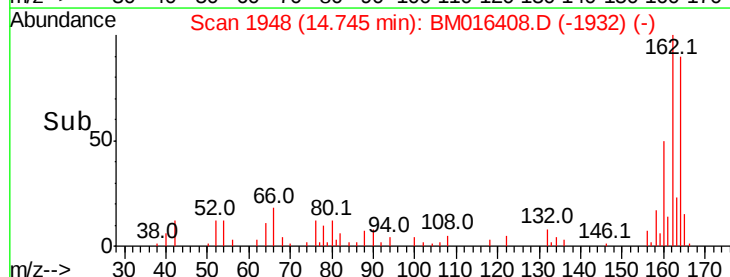
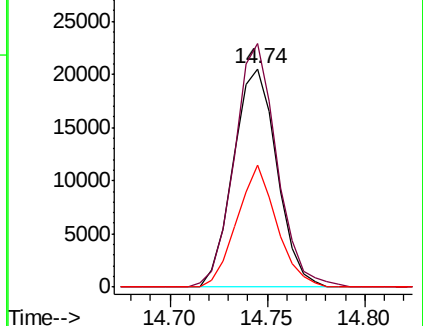
160 55.8 35.8 53.6#



Abundance Ion 164.00 (163.70 to 164.70): BM016408.D (-1932) (-)

Ion 162.00 (161.70 to 162.70): BM016408.D (-1932) (-)

Ion 160.00 (159.70 to 160.70): BM016408.D (-1932) (-)

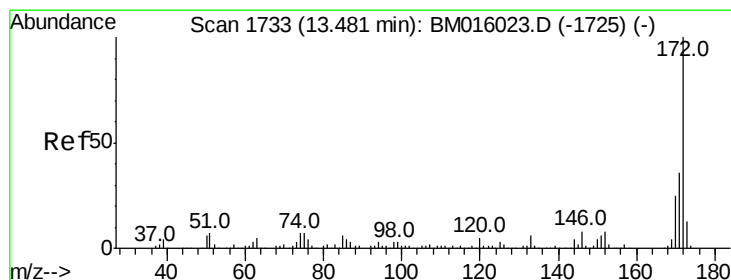
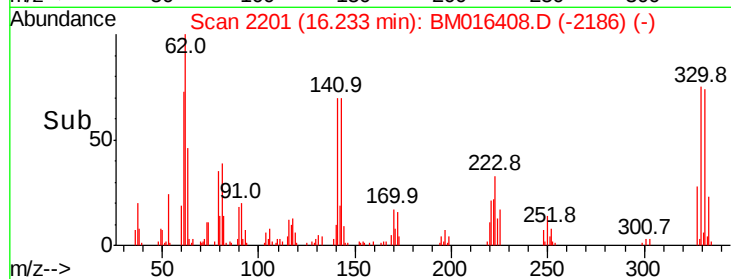
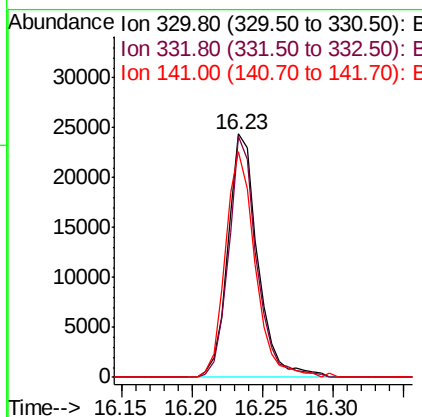
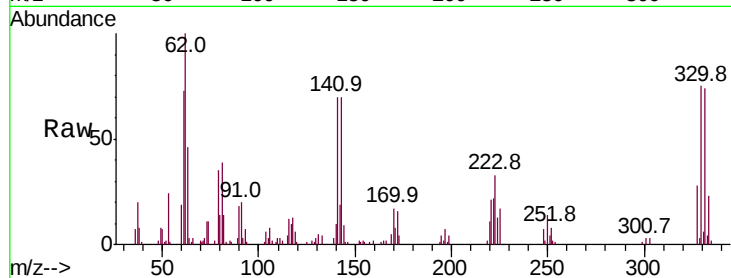




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

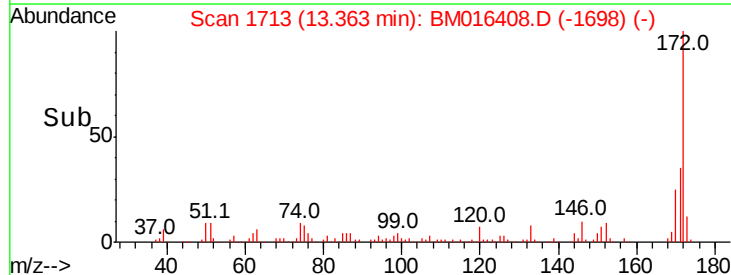
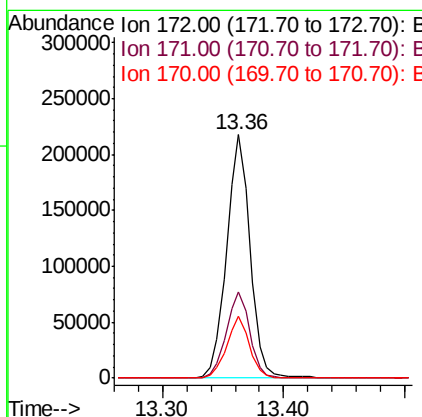
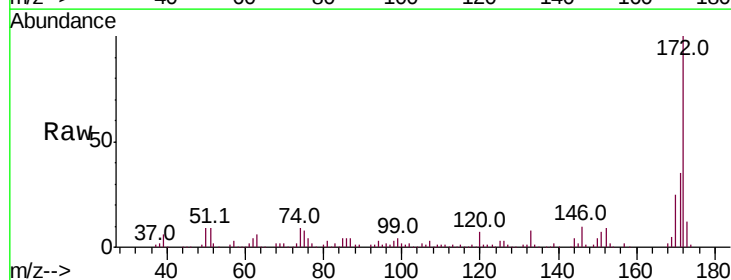
Instrument :
 BNA_M
 ClientSampleId :
 081318-DBRI-F-D-B

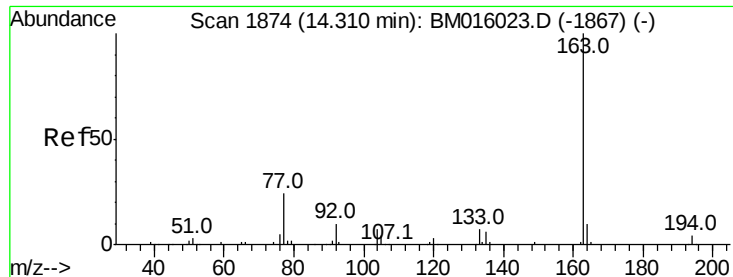
Tot Ion:330 Resp: 35852
 Ion Ratio Lower Upper
 330 100
 332 93.0 0.0 0.0#
 141 93.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Tgt Ion:172 Resp: 293863
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 25.4 18.8 28.2





#49

Dimethylphthalate

Concen: 2.284 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Instrument :

BNA_M

ClientSampleId :

081318-DBRI-F-D-B

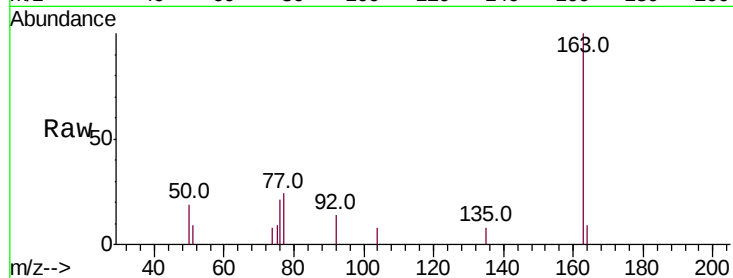
Tot Ion:163 Resp: 6350

Ion Ratio Lower Upper

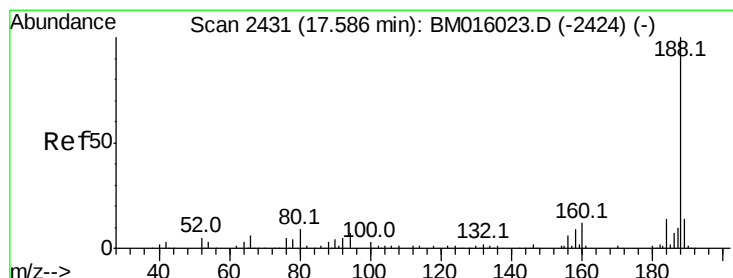
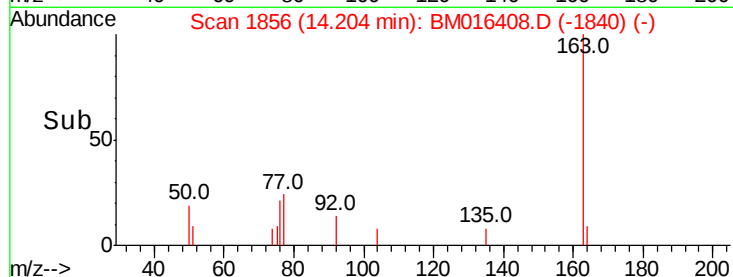
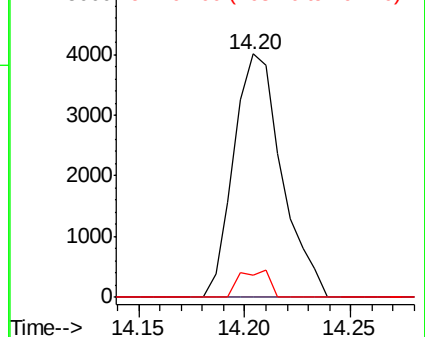
163 100

194 0.0 2.7 4.1#

164 9.0 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: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

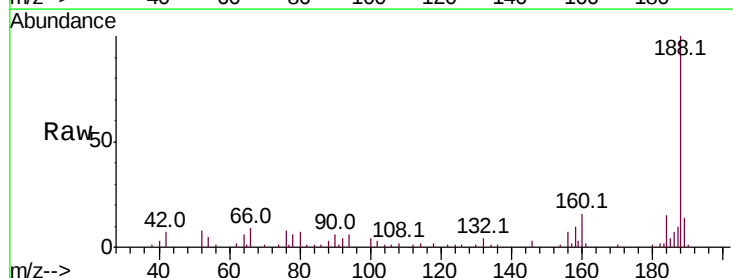
Tgt Ion:188 Resp: 72474

Ion Ratio Lower Upper

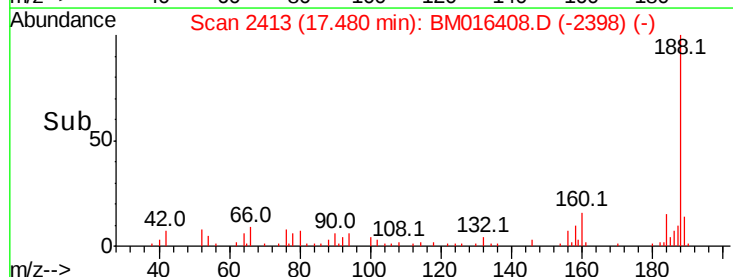
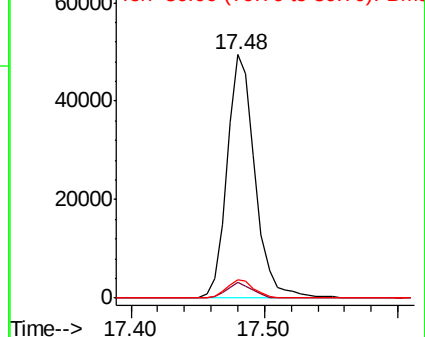
188 100

94 6.2 8.7 13.1#

80 7.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

Instrument :

BNA_M

ClientSampleId :

081318-DBRI-F-D-B

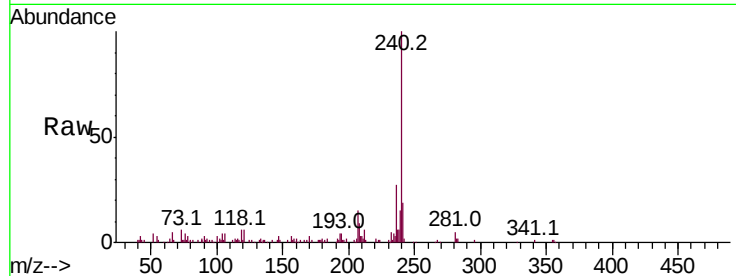
Tot Ion:240 Resp: 90000

Ion Ratio Lower Upper

240 100

120 6.2 8.2 12.2#

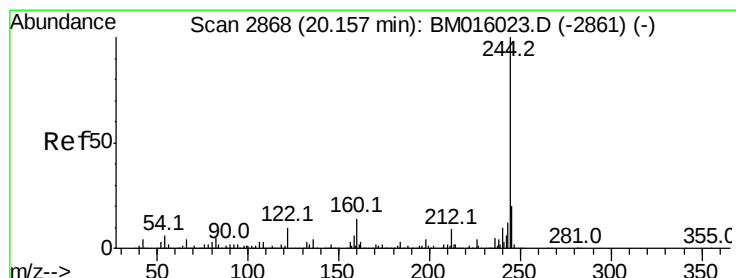
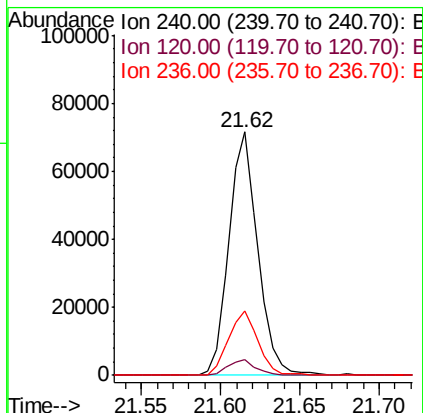
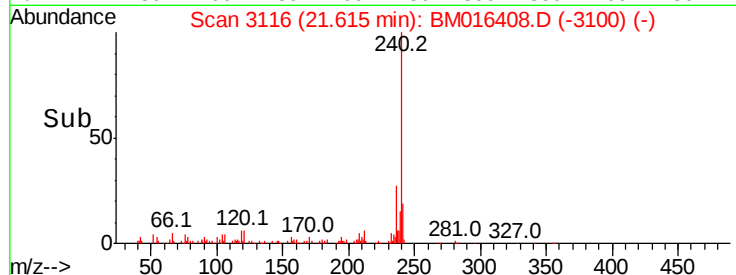
236 26.6 20.0 30.0



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: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016408.D

Acq: 16 Aug 2018 09:14

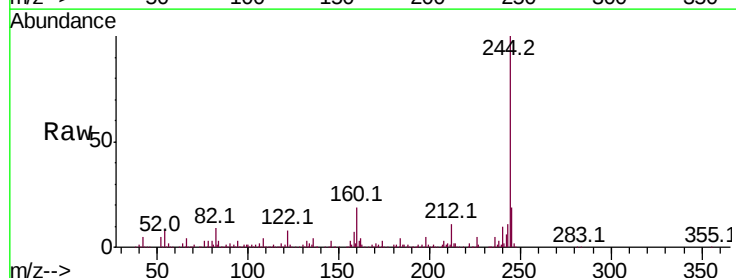
Tgt Ion:244 Resp: 419283

Ion Ratio Lower Upper

244 100

212 11.3 4.9 7.3#

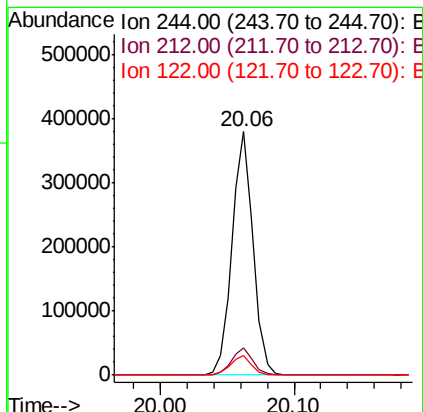
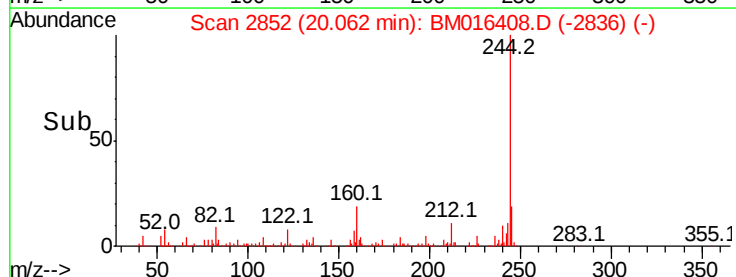
122 8.0 6.2 9.4

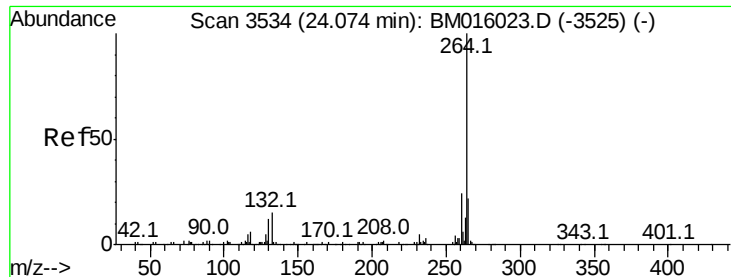


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BM016408.D
 Acq: 16 Aug 2018 09:14

Instrument :
 BNA_M
 ClientSampleId :
 081318-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	23.5	17.3	25.9

