

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016268.D
 Acq On : 09 Aug 2018 04:03
 Operator : SJ/JU
 Sample : J4328-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-15

Quant Time: Aug 09 05:55:34 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 08 16:23:37 2018
 Response via : Initial Calibration

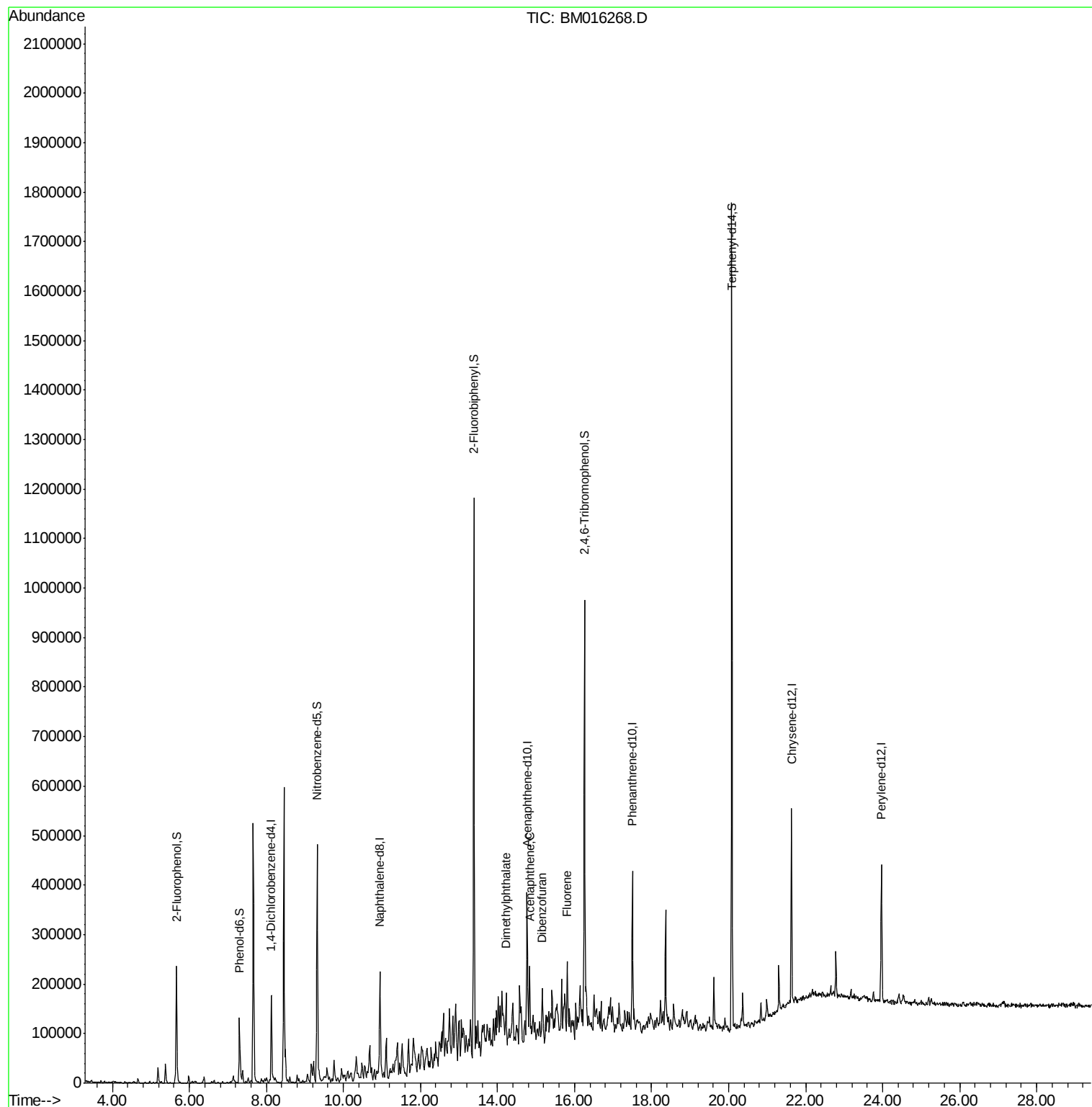
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	36613	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	134495	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	74488	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	148279	20.00	ng	0.00
75) Chrysene-d12	21.63	240	151468	20.00	ng	0.00
86) Perylene-d12	23.97	264	165465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	83506	37.89	ng	0.00
7) Phenol-d6	7.30	99	58750	20.41	ng	0.00
23) Nitrobenzene-d5	9.32	82	219341	75.85	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	86691	91.76	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	428181	69.94	ng	0.00
78) Terphenyl-d14	20.08	244	565572	78.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	45251	6.942	ng	99
51) Acenaphthene	14.83	154	46199	9.814	ng	97
54) Dibenzofuran	15.16	168	23771	3.064	ng	# 73
57) Fluorene	15.81	166	14327	2.485	ng	# 86

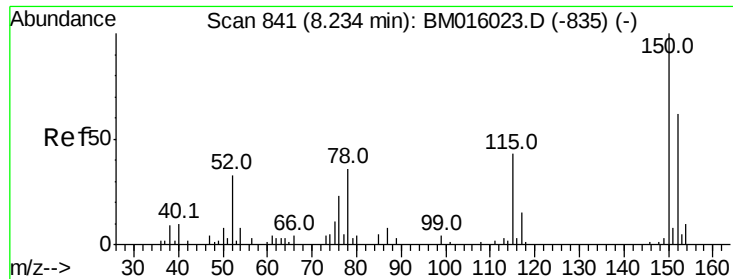
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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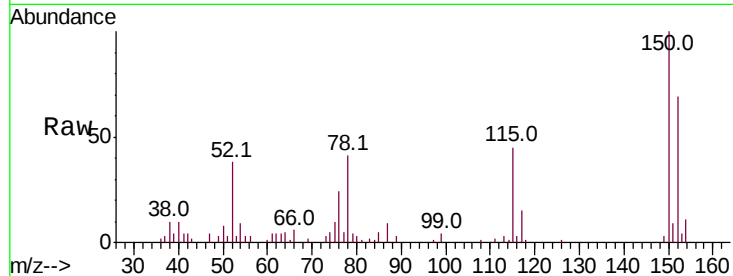


#1

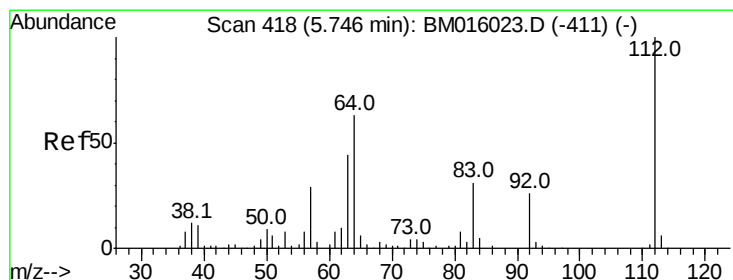
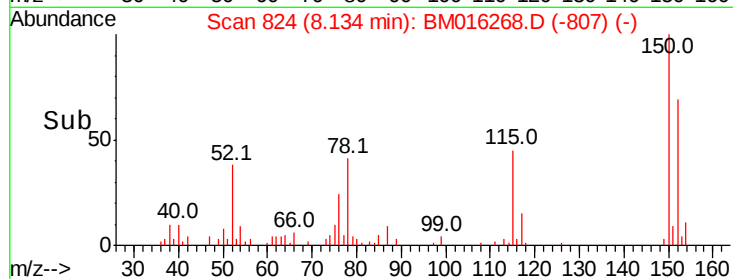
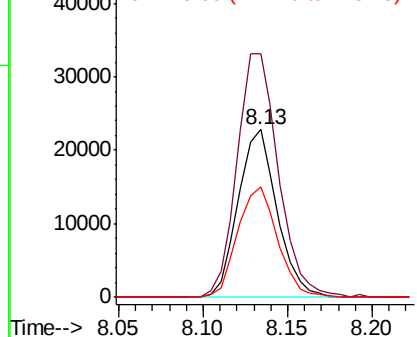
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Instrument :
 BNA_M
 ClientSampleId :
 MW-15

Tot Ion:152 Resp: 36613
 Ion Ratio Lower Upper
 152 100
 150 145.2 119.5 179.3
 115 65.6 43.0 64.4#



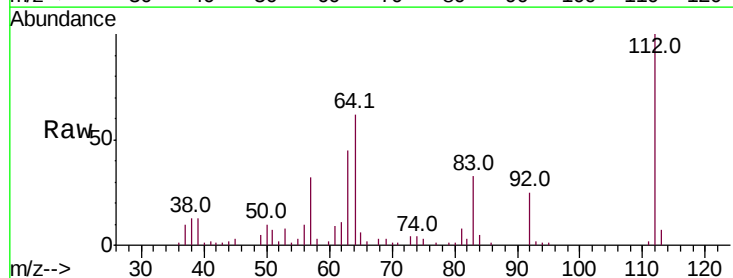
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



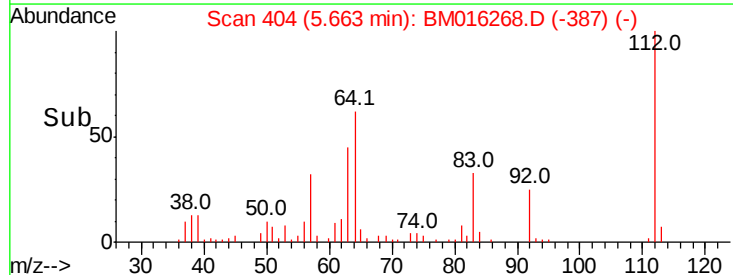
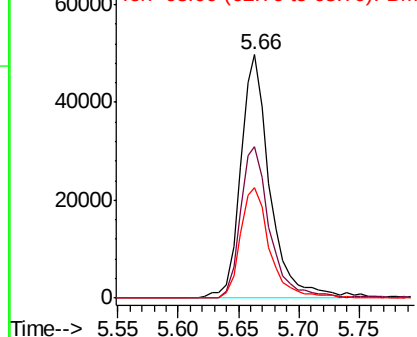
#5

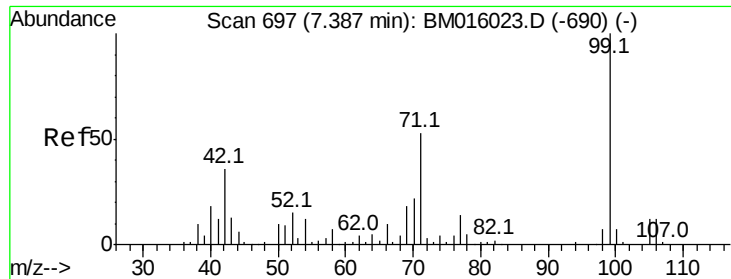
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Tgt Ion:112 Resp: 83506
 Ion Ratio Lower Upper
 112 100
 64 62.4 38.6 57.8#
 63 45.2 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: Below na

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

Instrument :

BNA_M

ClientSampled :

MW-15

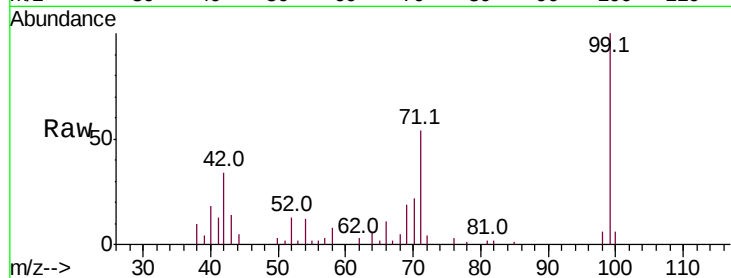
Tot Ion: 99 Resp: 58750

Ion Ratio Lower Upper

99 100

42 34.4 11.0 16.4#

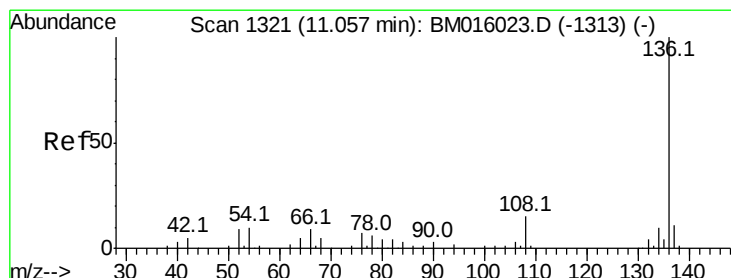
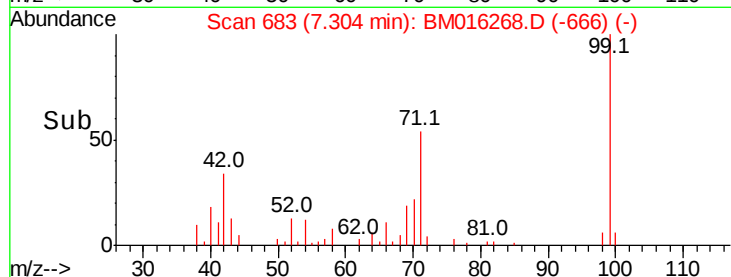
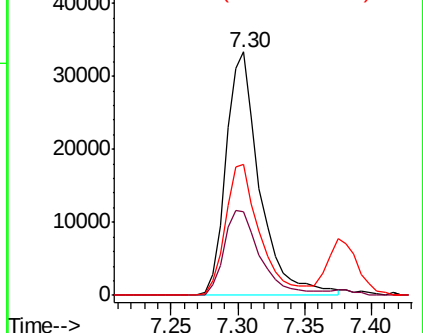
71 53.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016268.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016268.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016268.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

Tgt Ion: 136 Resp: 134495

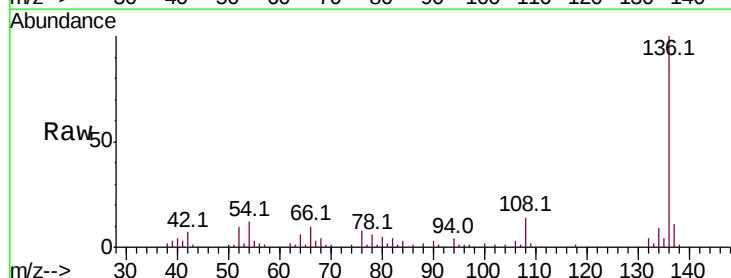
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.5 4.6 6.8#

68 4.3 3.7 5.5

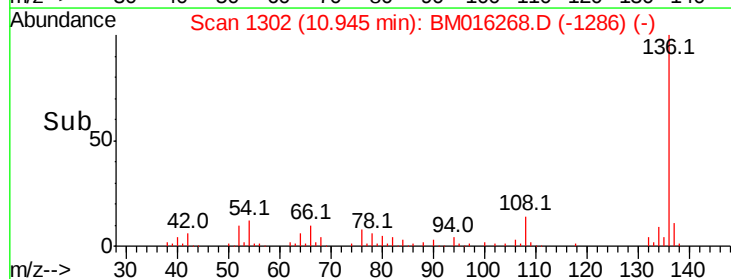
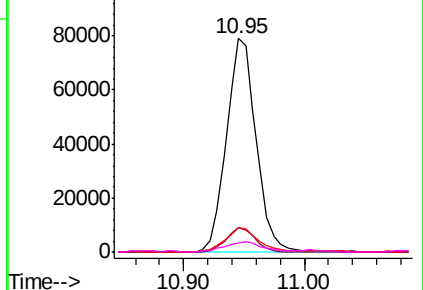


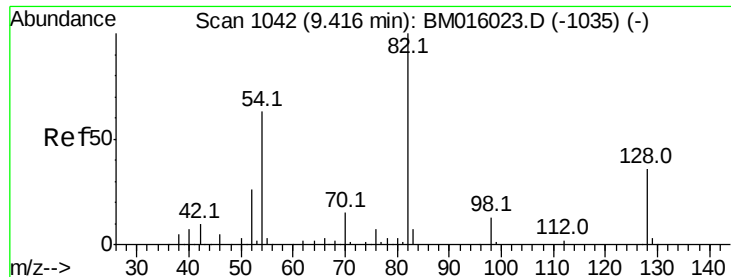
Abundance Ion 136.00 (135.70 to 136.70): BM016268.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016268.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016268.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016268.D (-1286) (-)

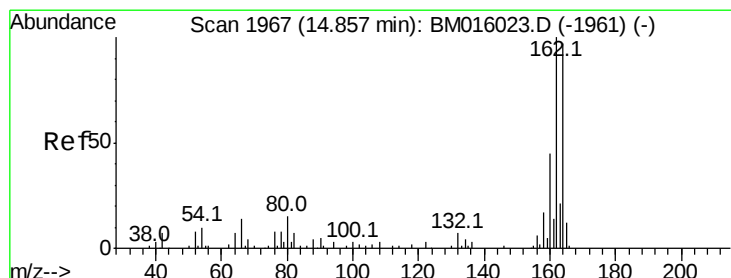
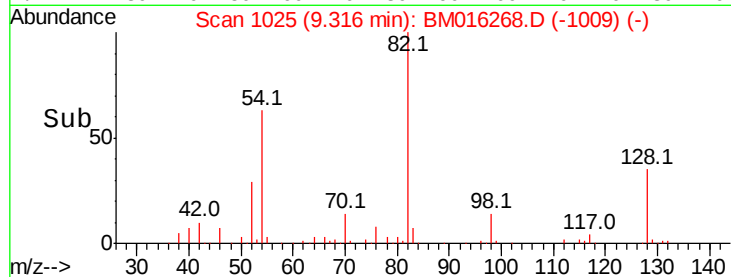
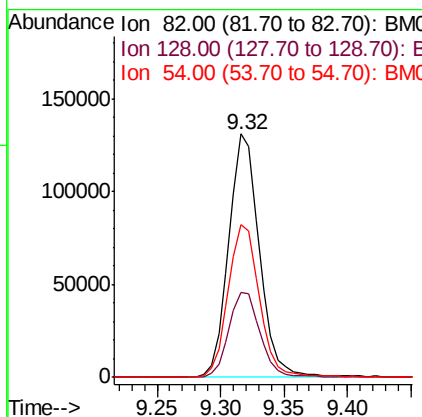
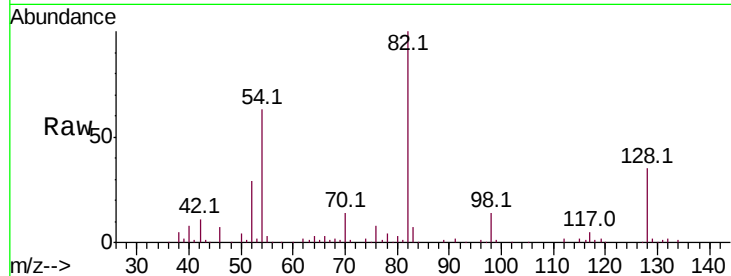




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

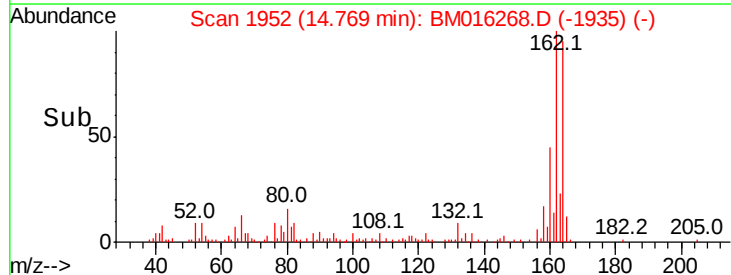
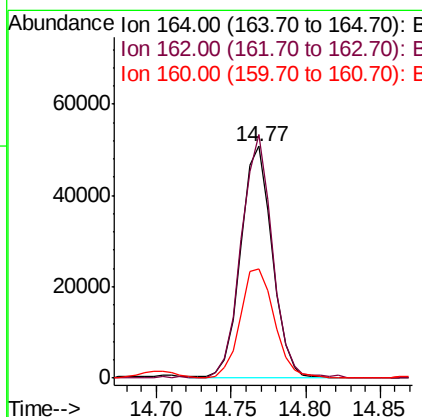
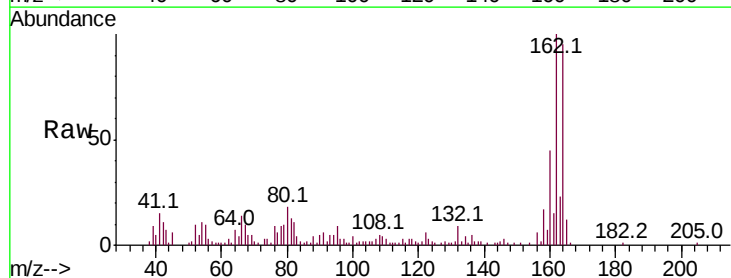
Instrument :
 BNA_M
 ClientSampleId :
 MW-15

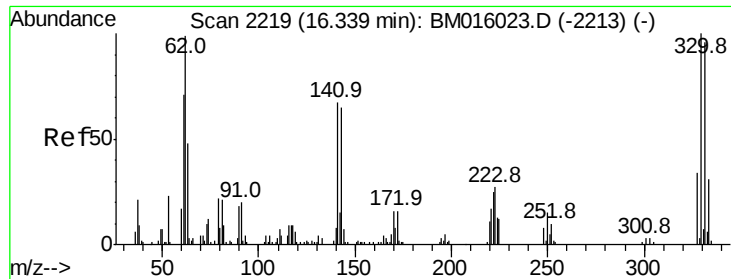
Tot Ion:	82	Resp:	219341
Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	62.6	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Tgt Ion:	164	Resp:	74488
Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	46.9	35.8	53.6

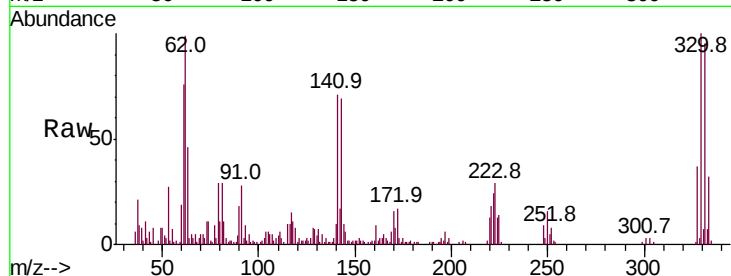




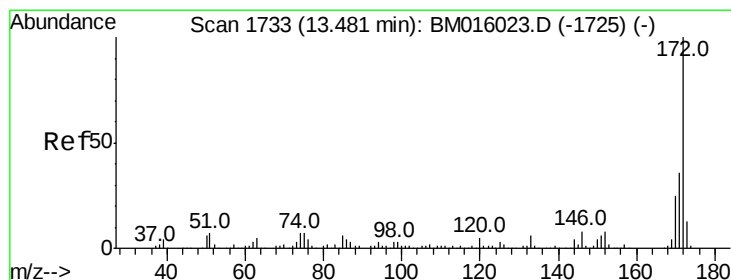
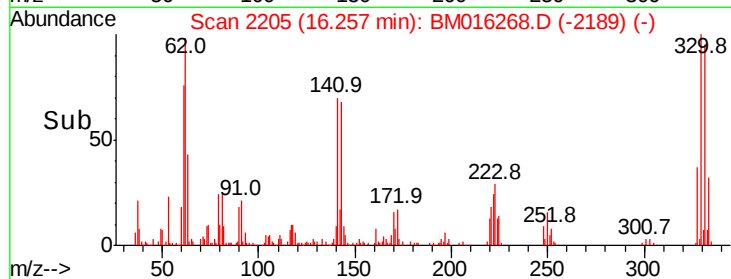
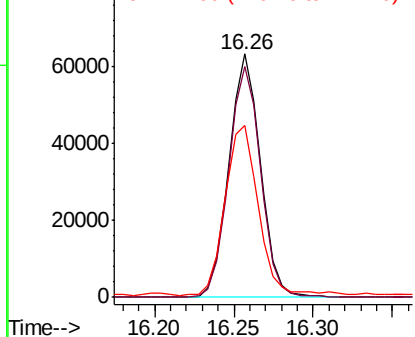
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Instrument :
 BNA_M
 ClientSampleId :
 MW-15

Tot Ion:330 Resp: 86691
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 74.9 0.0 0.0#

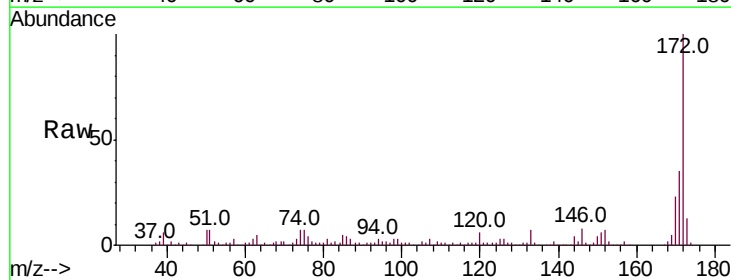


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

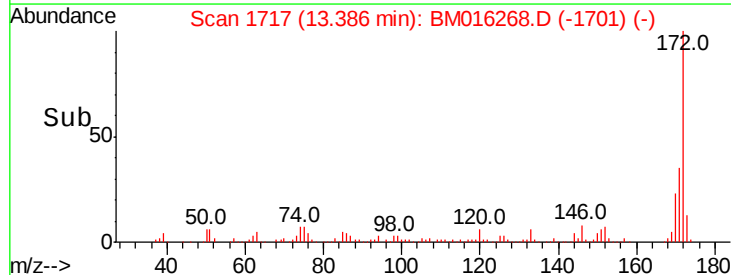
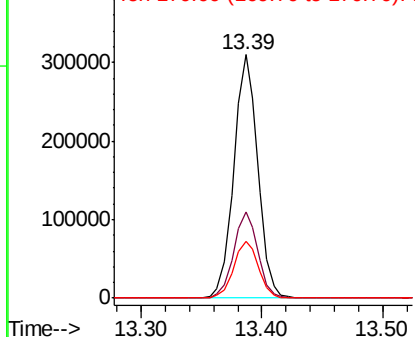


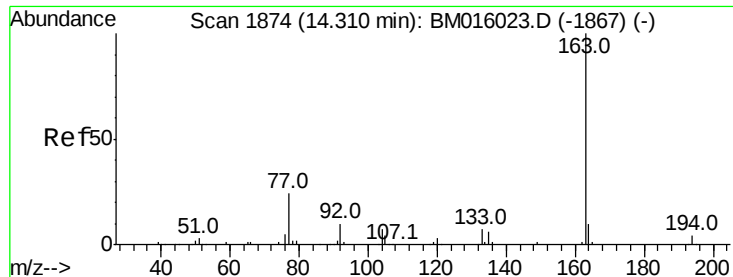
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Tgt Ion:172 Resp: 428181
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.1 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: 6.942 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

Instrument :

BNA_M

ClientSampleId :

MW-15

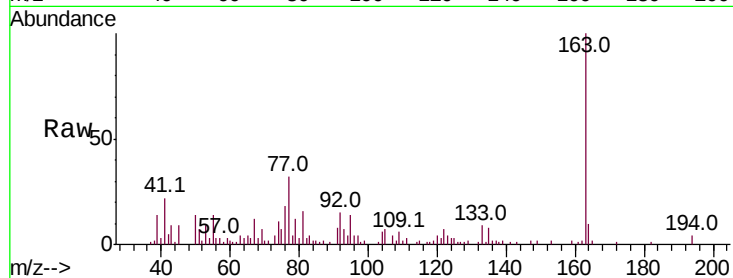
Tot Ion:163 Resp: 45251

Ion Ratio Lower Upper

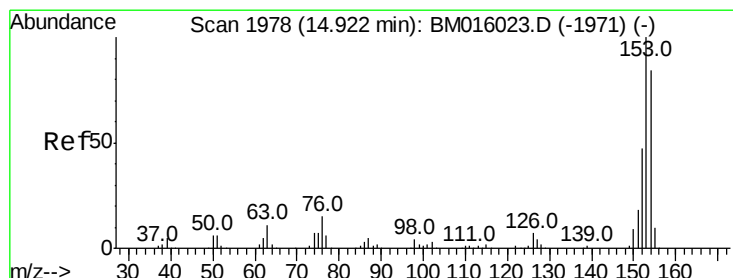
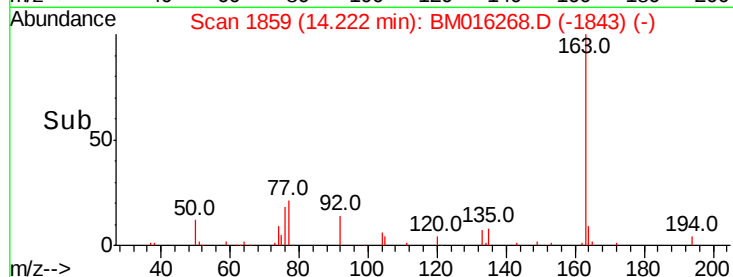
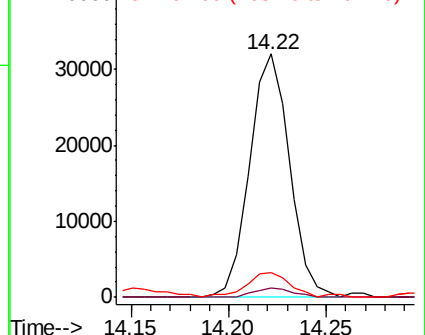
163 100

194 4.0 2.7 4.1

164 9.9 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



#51

Acenaphthene

Concen: 9.814 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

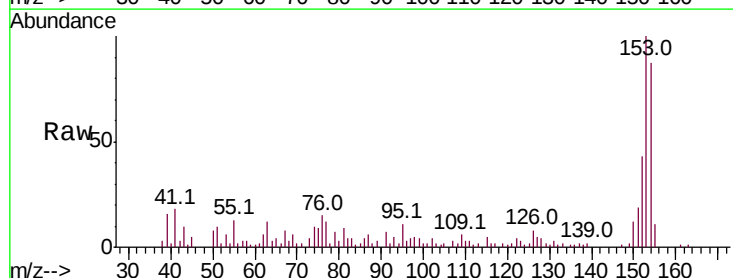
Tgt Ion:154 Resp: 46199

Ion Ratio Lower Upper

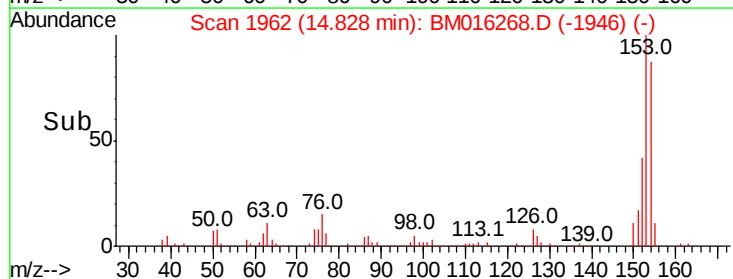
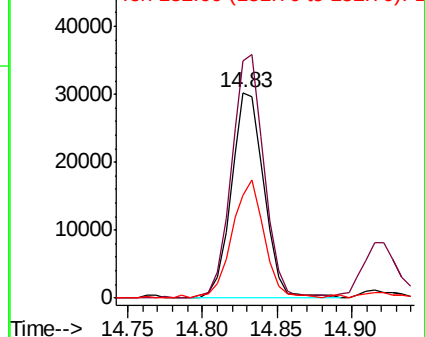
154 100

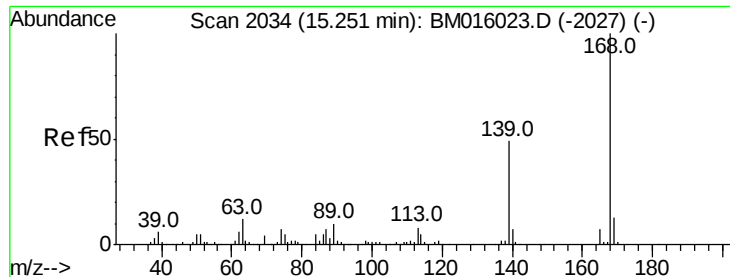
153 115.5 90.0 135.0

152 50.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.064 ng

RT: 15.16 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

Instrument :

BNA_M

ClientSampleId :

MW-15

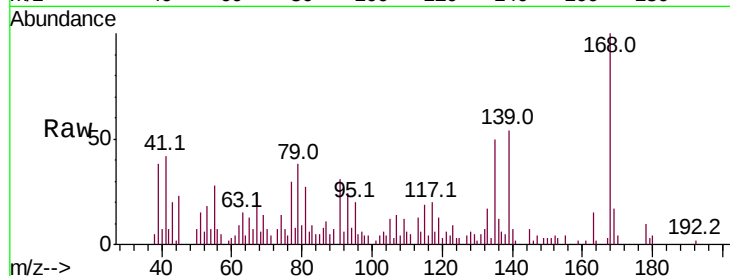
Tot Ion:168 Resp: 23771

Ion Ratio Lower Upper

168 100

139 53.9 27.3 40.9#

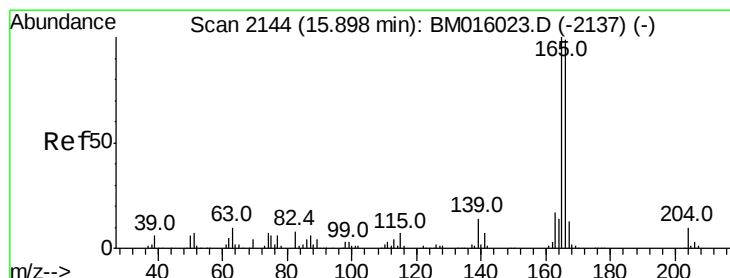
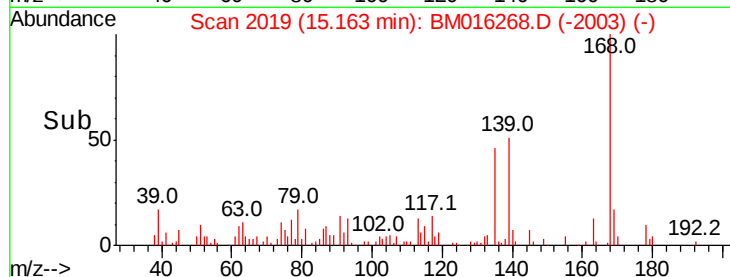
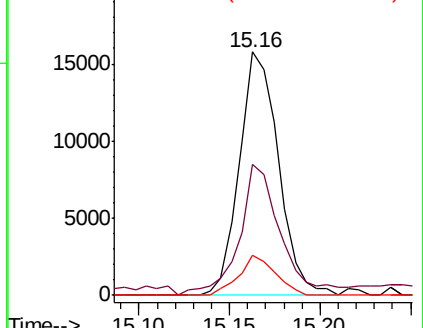
169 16.6 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.485 ng

RT: 15.81 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

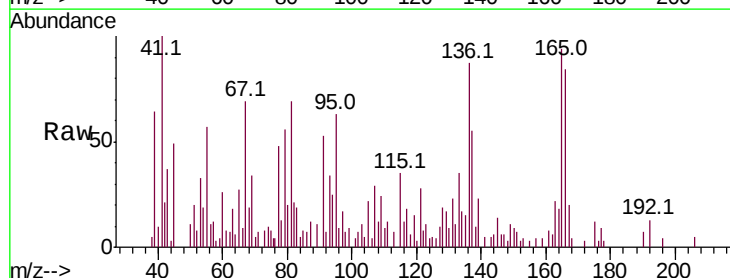
Tgt Ion:166 Resp: 14327

Ion Ratio Lower Upper

166 100

165 111.2 79.0 118.4

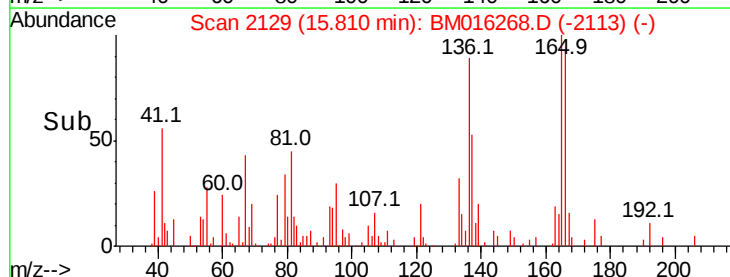
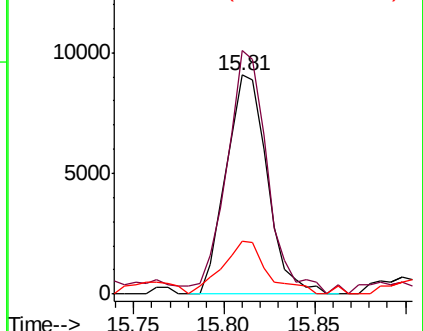
167 24.0 10.3 15.5#

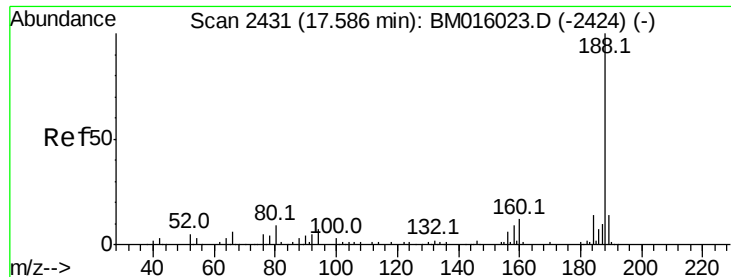


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

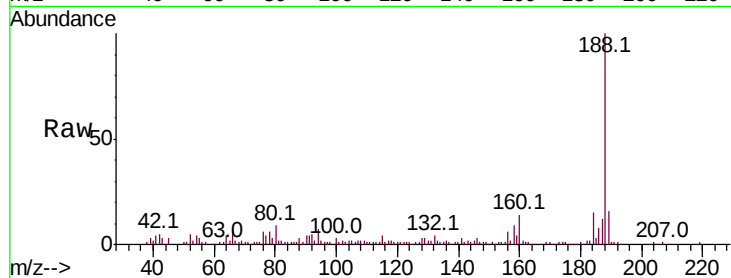




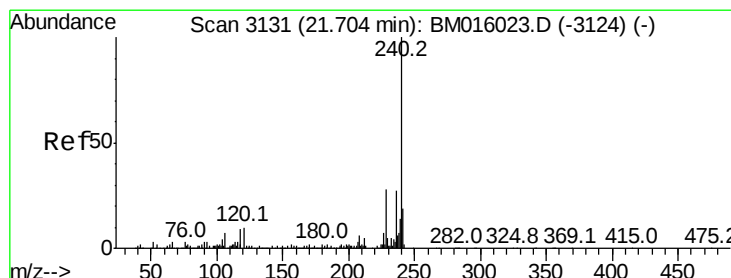
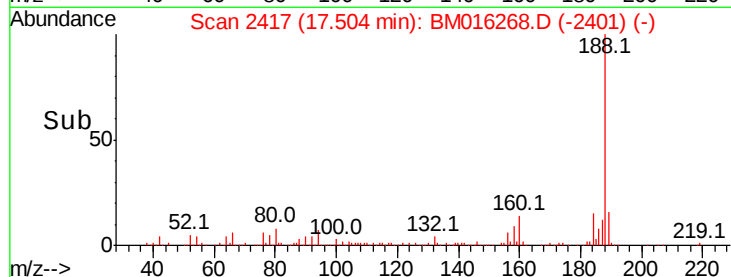
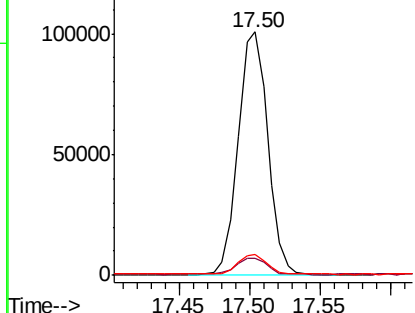
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

Instrument :
BNA_M
ClientSampleId :
MW-15

Tot Ion:188 Resp: 148279
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.5 9.3 13.9#

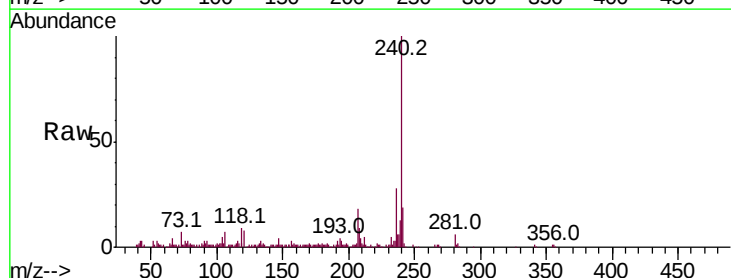


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

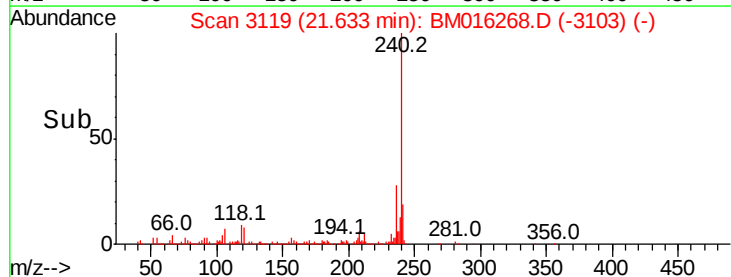
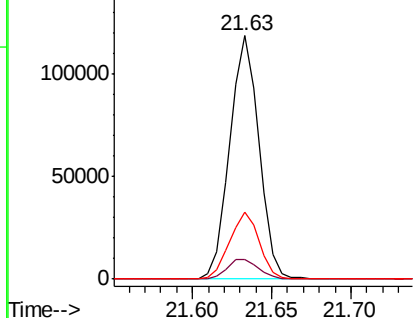


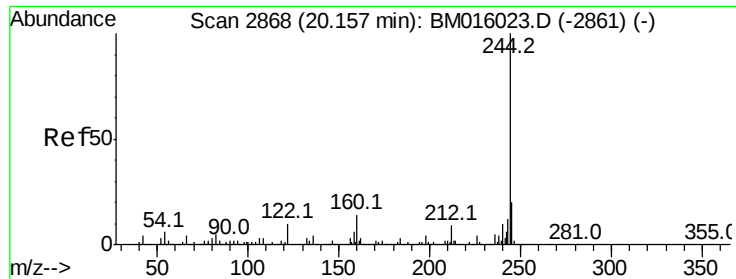
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

Tgt Ion:240 Resp: 151468
Ion Ratio Lower Upper
240 100
120 8.0 8.2 12.2#
236 27.6 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: Below na

RT: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

Instrument :

BNA_M

ClientSampleId :

MW-15

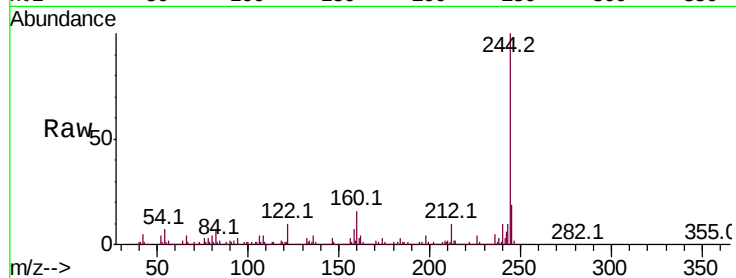
Tot Ion:244 Resp: 565572

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

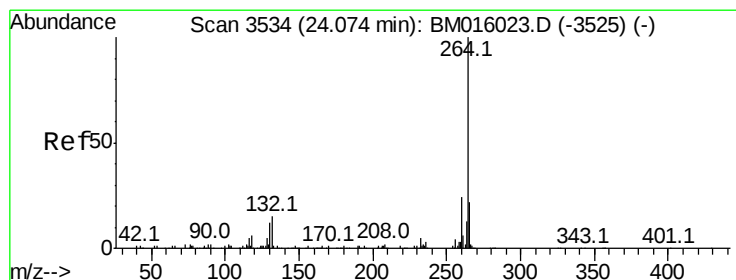
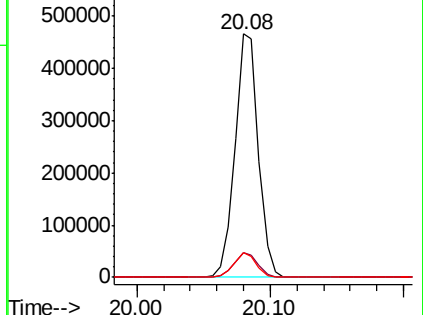
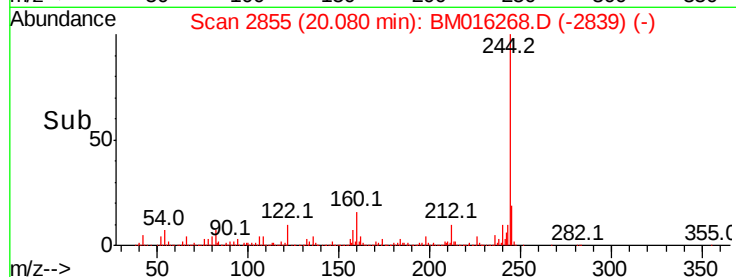
122 10.1 6.2 9.4#



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: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

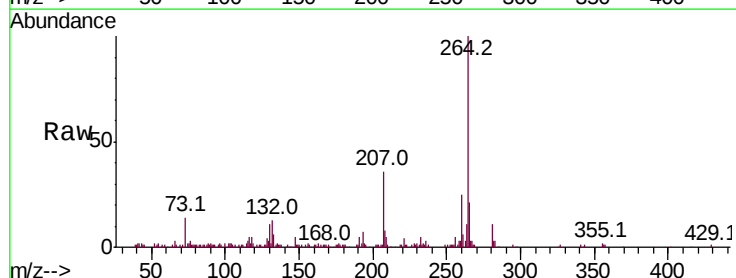
Tgt Ion:264 Resp: 165465

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 21.5 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

