

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 :

Quant Time: Aug 09 05:22:02 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

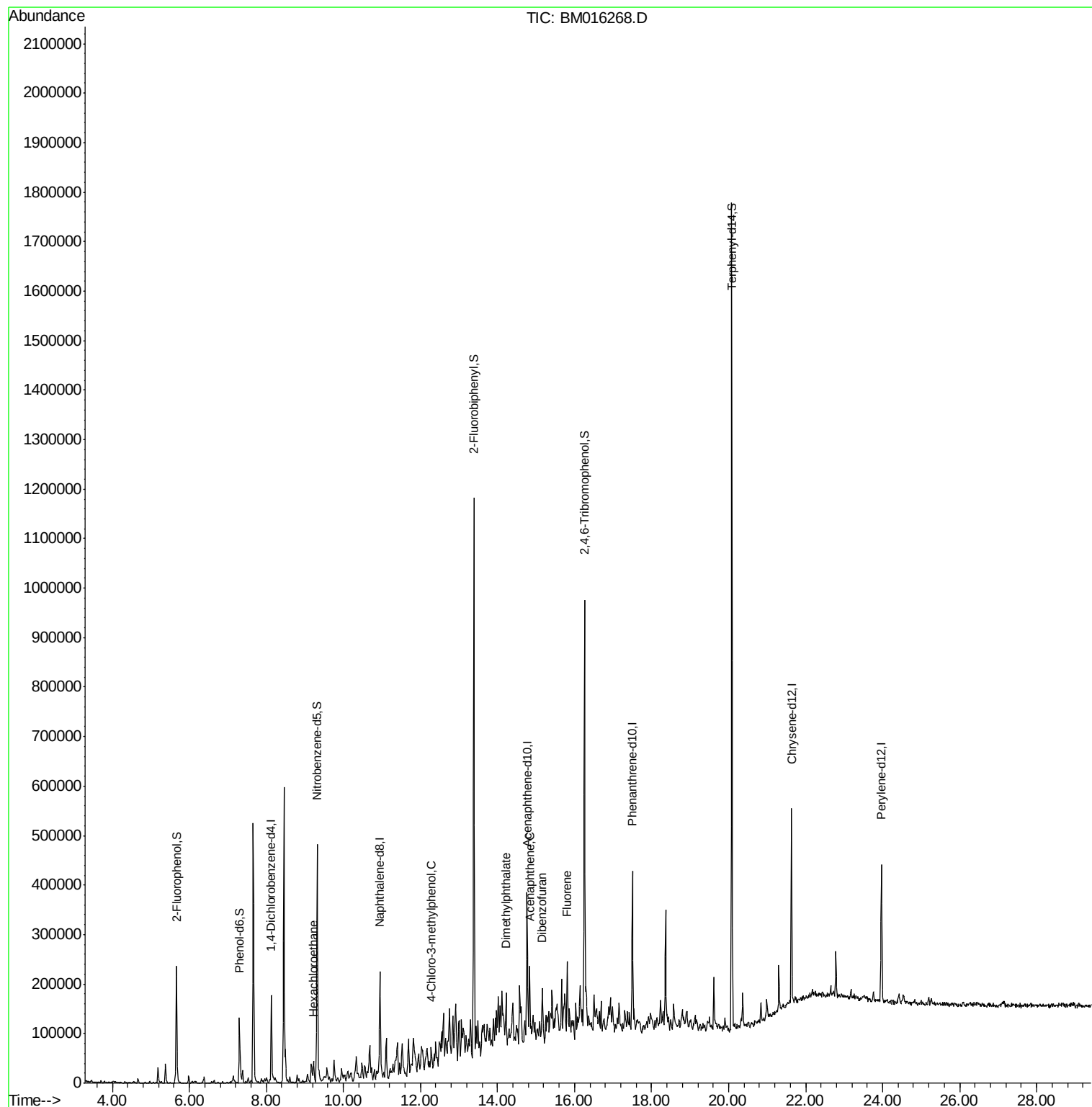
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	36613	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	134495	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	74488	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	148279	20.00	ng	0.00
75) Chrysene-d12	21.63	240	151468	20.00	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						
18) Hexachloroethane	9.23	117	4651	3.460	ng	# 1
36) 4-Chloro-3-methylphenol	12.28	107	5416	2.448	ng	# 14
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

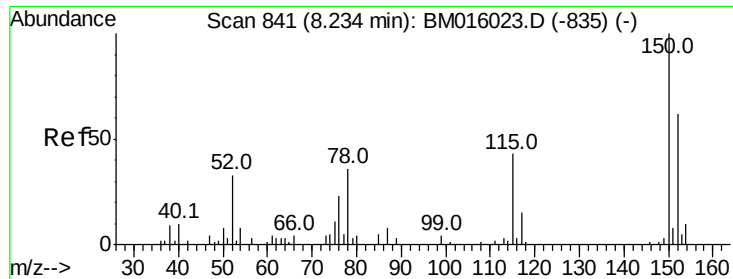
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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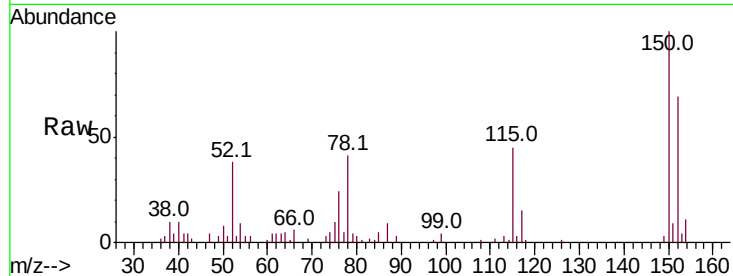


#1

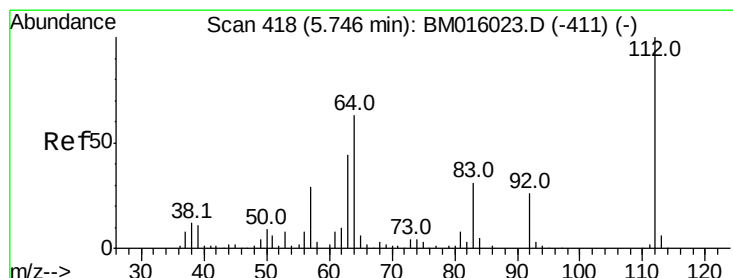
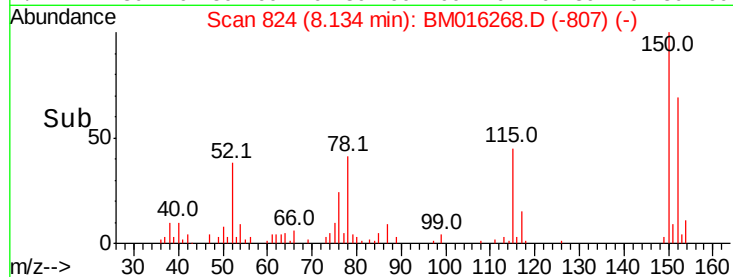
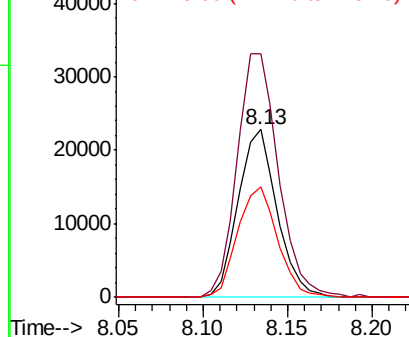
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

Instrument :
BNA_M
ClientSampleId :

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#



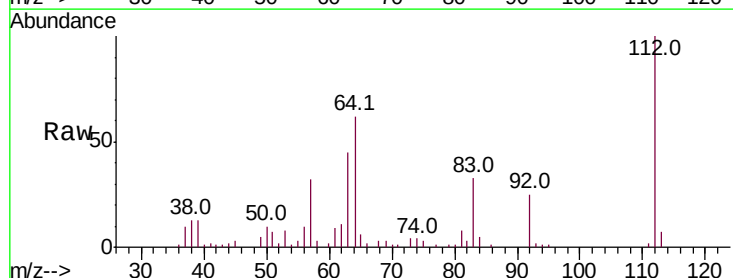
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



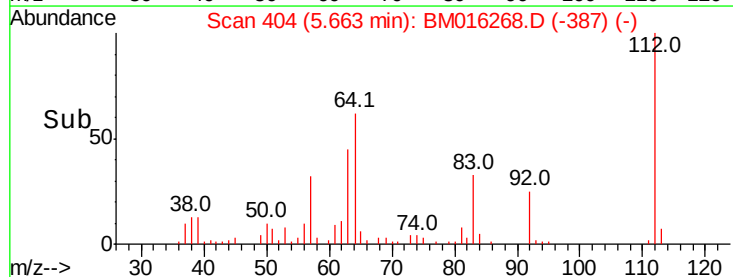
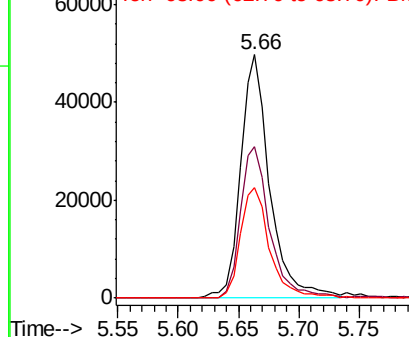
#5

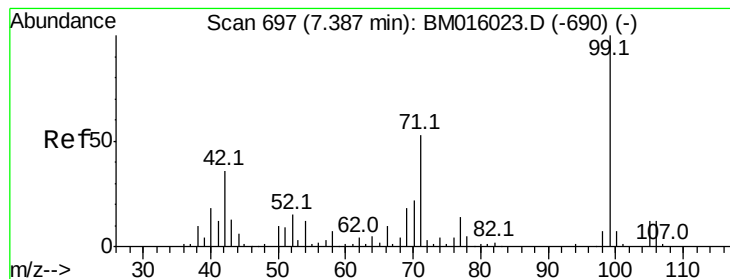
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

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 :

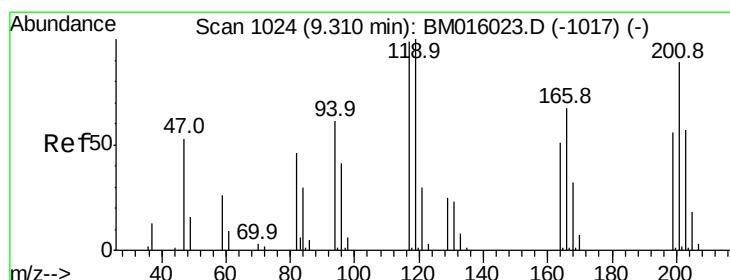
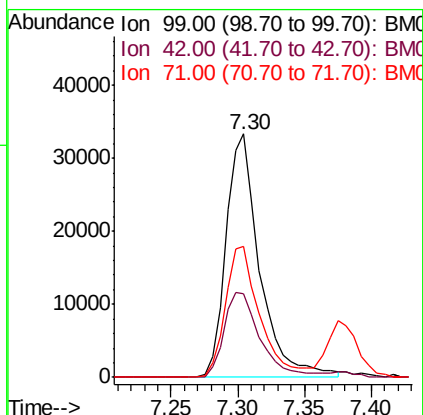
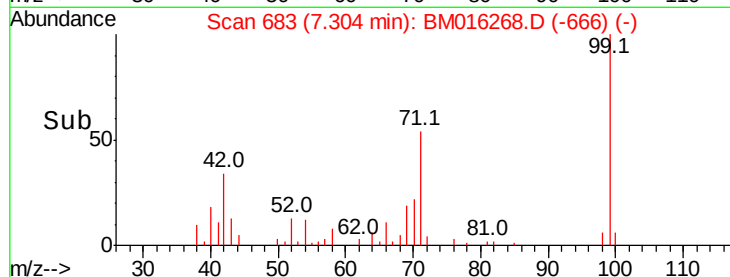
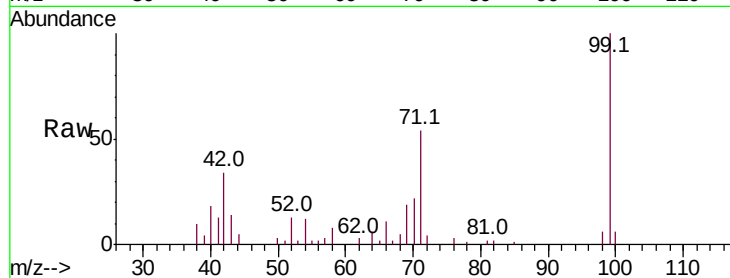
Tot Ion: 99 Resp: 58750

Ion Ratio Lower Upper

99 100

42 34.4 11.0 16.4#

71 53.9 23.4 35.2#



#18

Hexachloroethane

Concen: 3.460 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM016268.D

Acq: 09 Aug 2018 04:03

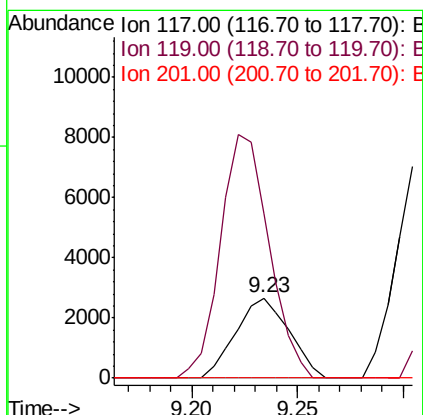
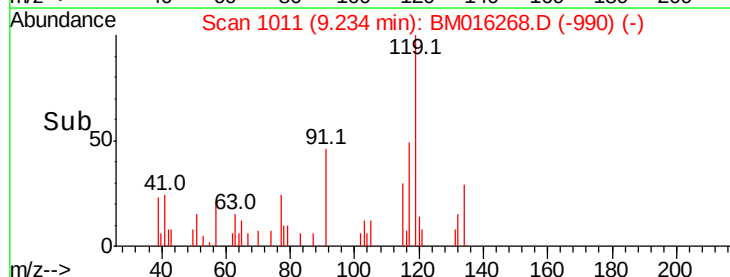
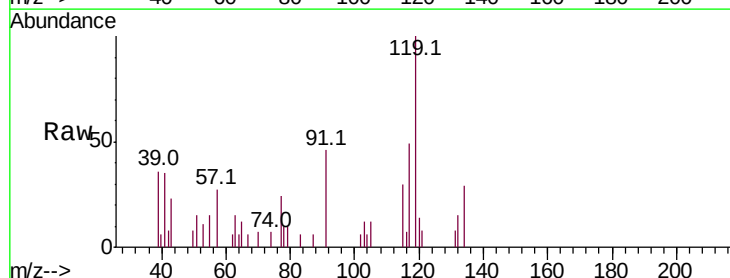
Tgt Ion: 117 Resp: 4651

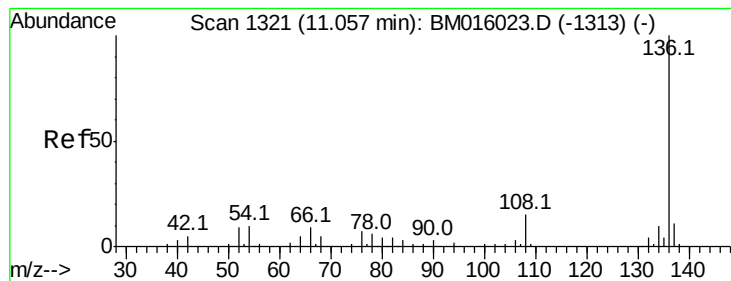
Ion Ratio Lower Upper

117 100

119 205.5 79.2 118.8#

201 0.0 69.8 104.6#





#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

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 134495

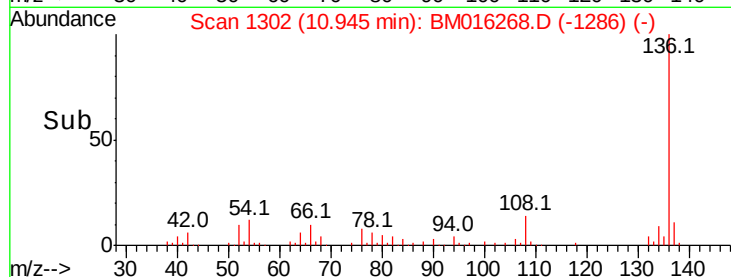
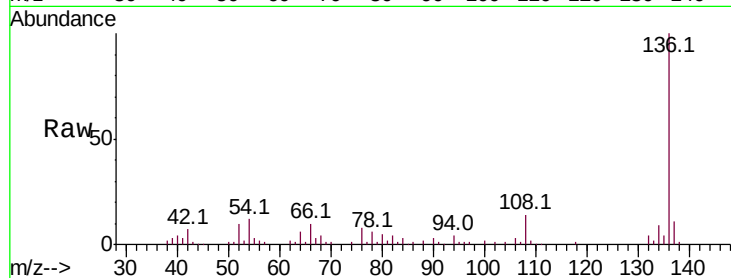
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.5 4.6 6.8#

68 4.3 3.7 5.5

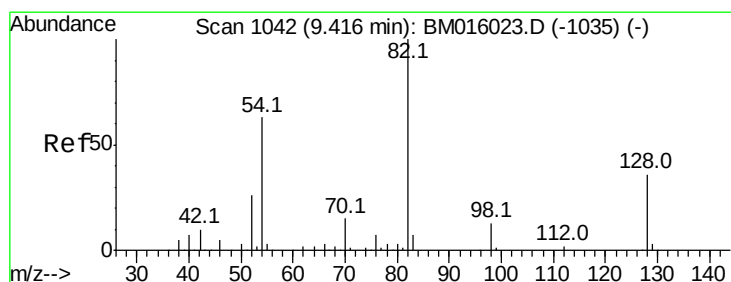
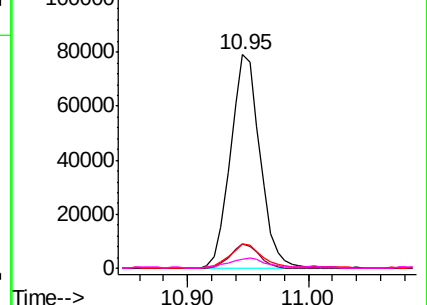


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#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

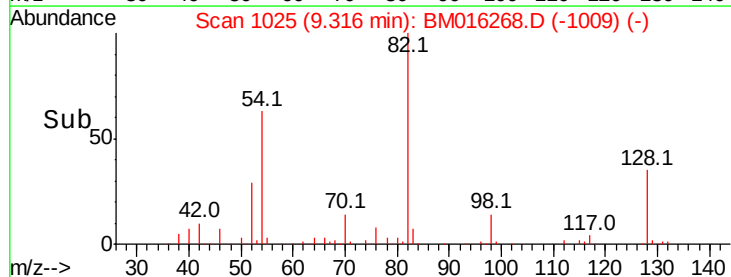
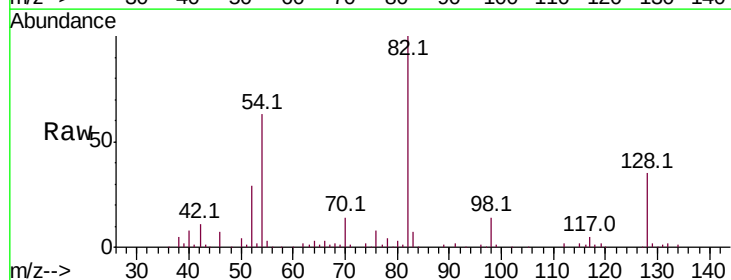
Tgt Ion: 82 Resp: 219341

Ion Ratio Lower Upper

82 100

128 34.8 32.8 49.2

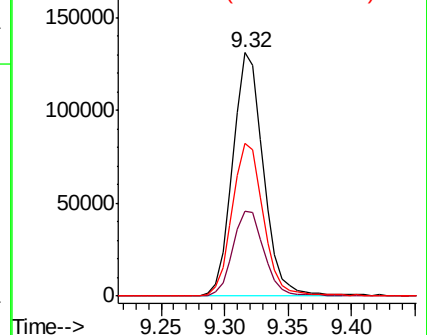
54 62.6 40.6 60.8#

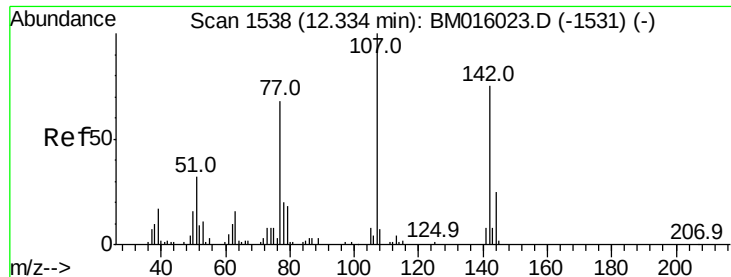


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

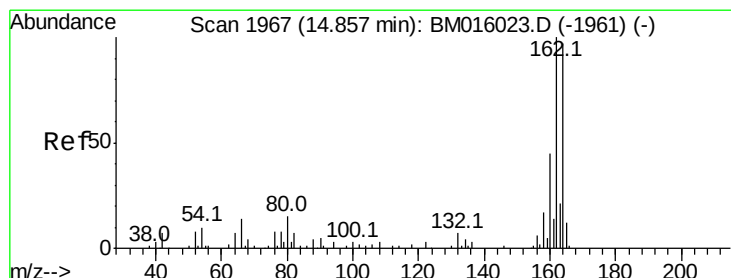
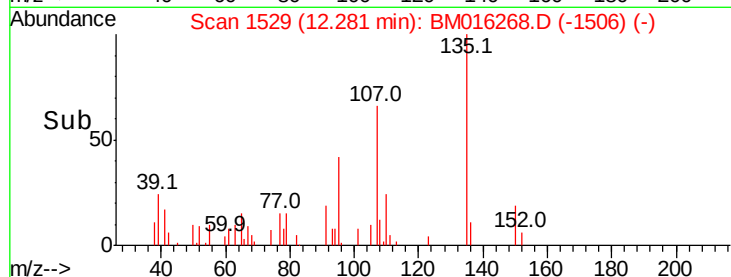
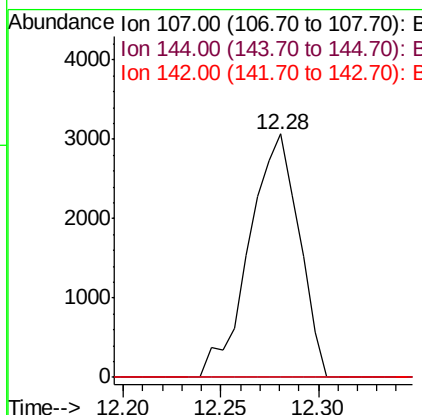
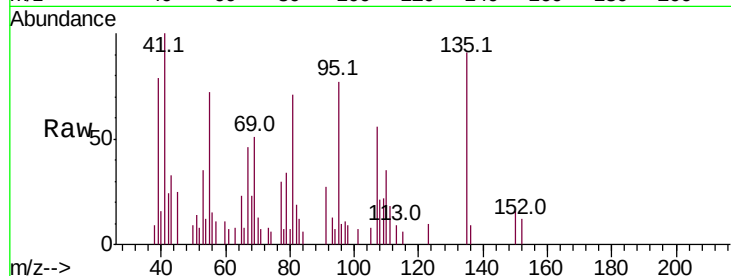




#36
4-Chloro-3-methylphenol
Concen: 2.448 ng
RT: 12.28 min Scan# 1529
Delta R.T. 0.04 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

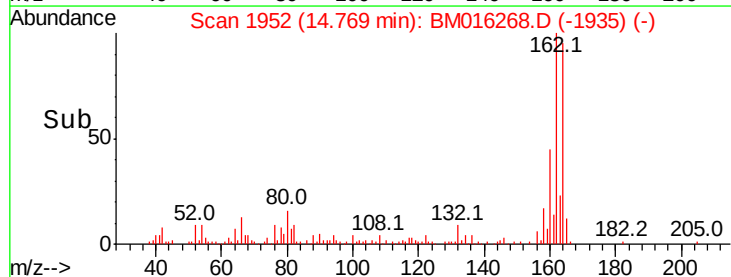
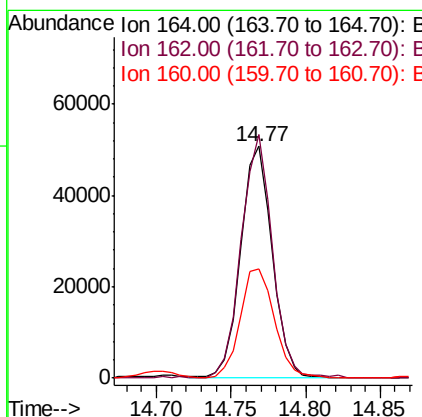
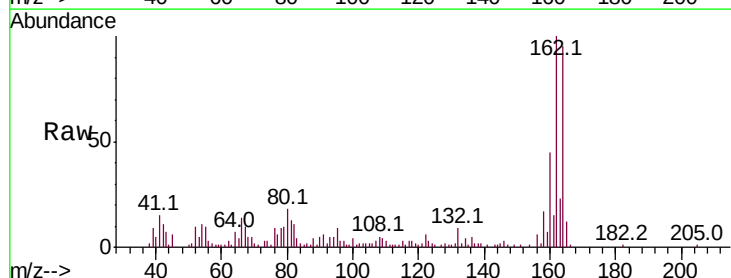
Instrument :
BNA_M
ClientSampleId :

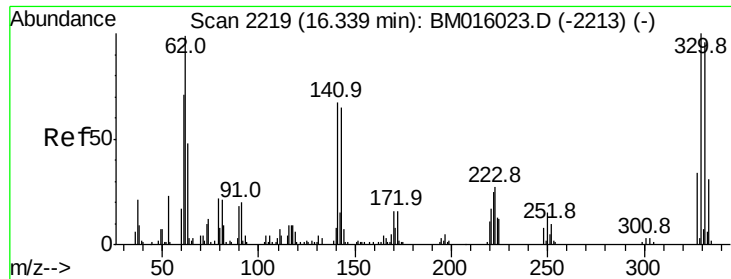
Tot Ion:107 Resp: 5416
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 0.0 72.6 109.0#



#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

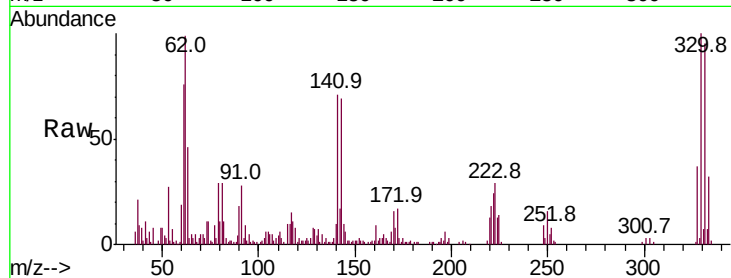




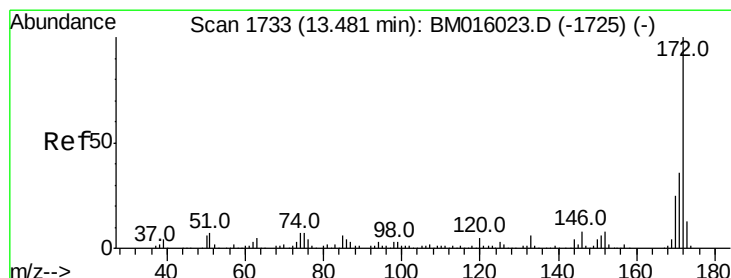
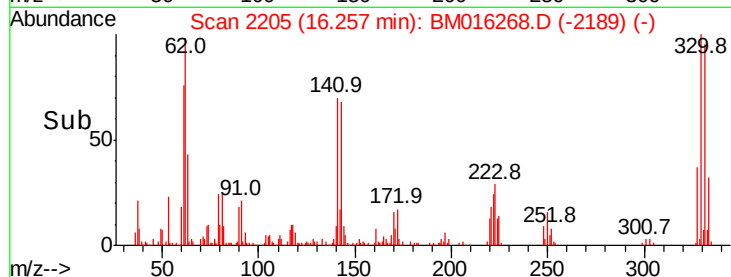
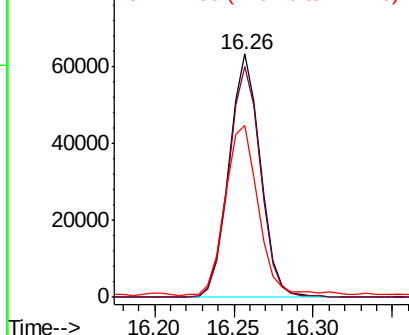
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Instrument :
 BNA_M
 ClientSampleId :

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

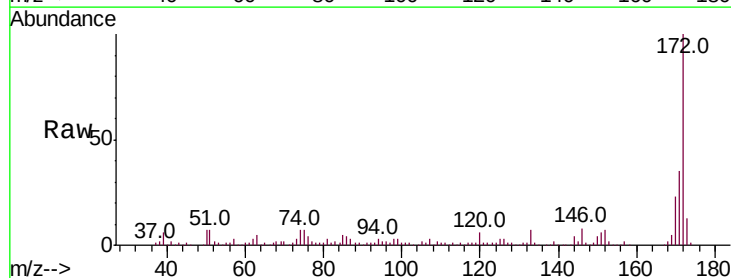


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

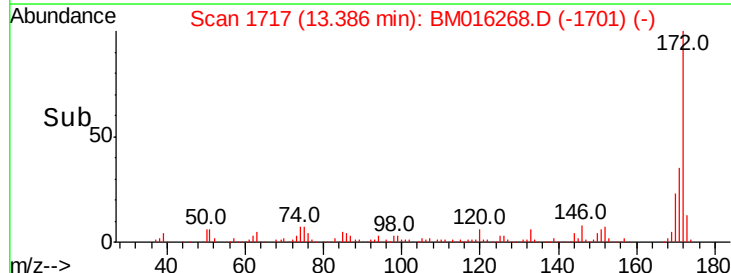
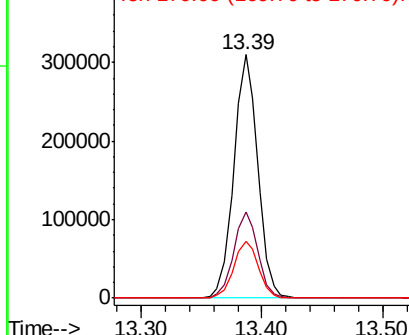


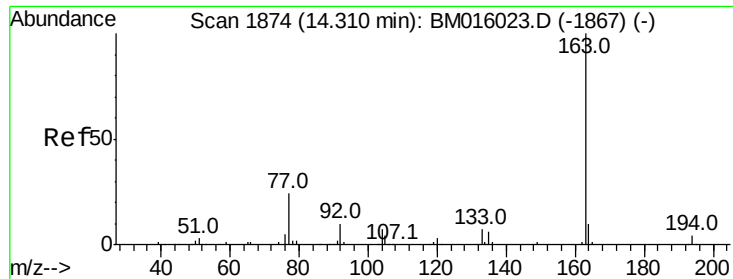
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016268.D
 Acq: 09 Aug 2018 04:03

Tgt Ion	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 :

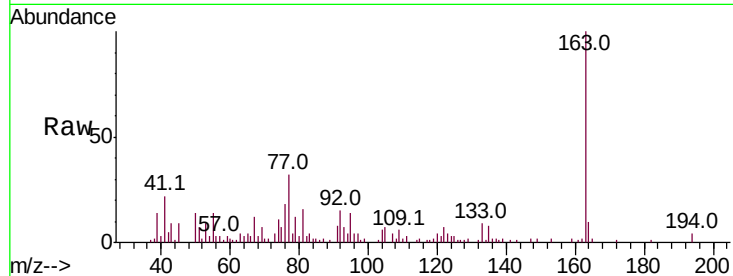
Tot Ion:163 Resp: 45251

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

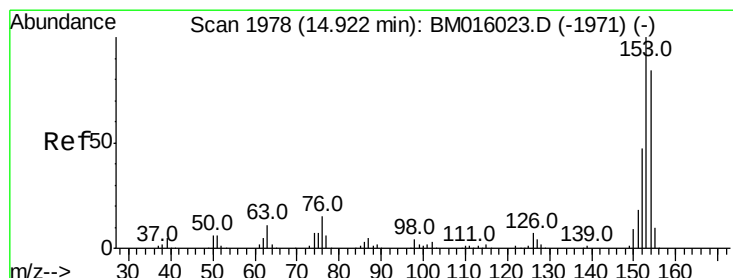
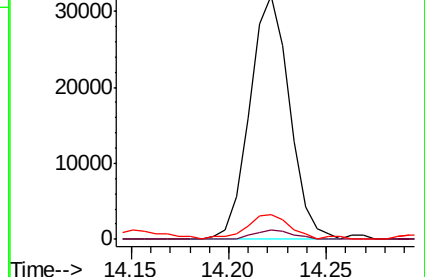
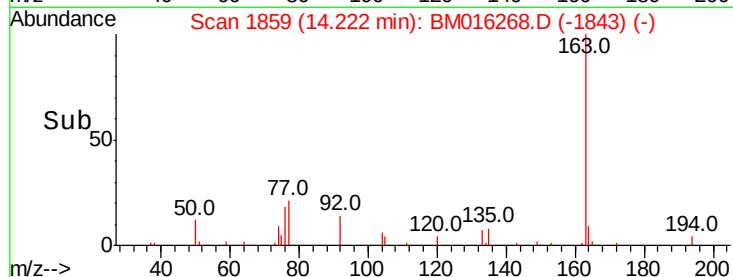
164 9.9 8.2 12.2



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

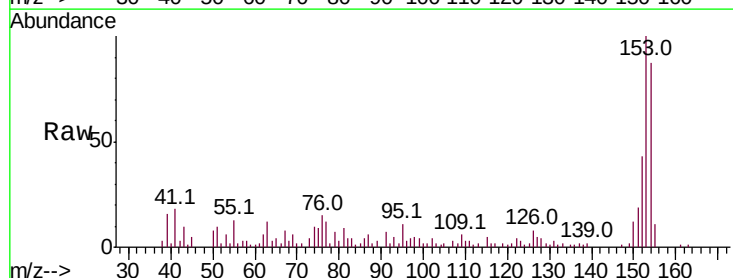
Tgt Ion:154 Resp: 46199

Ion Ratio Lower Upper

154 100

153 115.5 90.0 135.0

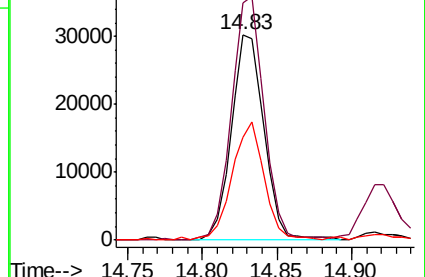
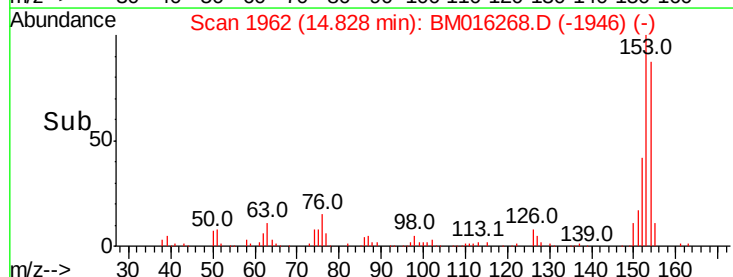
152 50.2 42.6 63.8

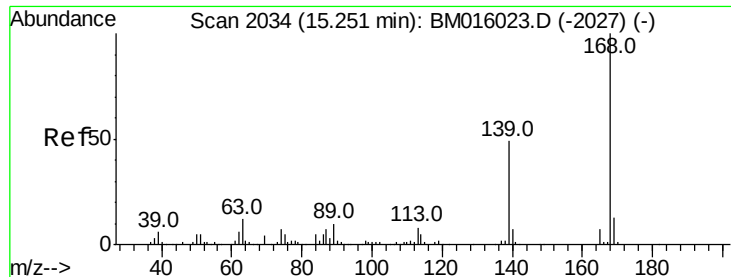


Abundance Ion 154.00 (153.70 to 154.70): E

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 :

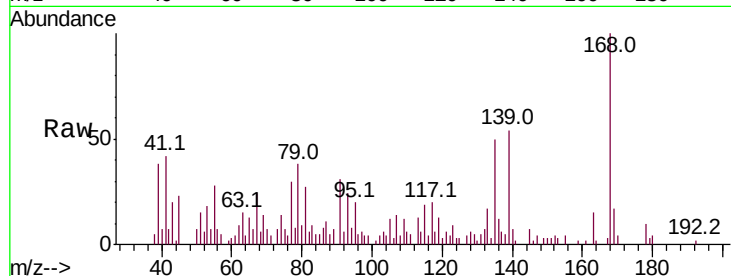
Tot Ion:168 Resp: 23771

Ion Ratio Lower Upper

168 100

139 53.9 27.3 40.9#

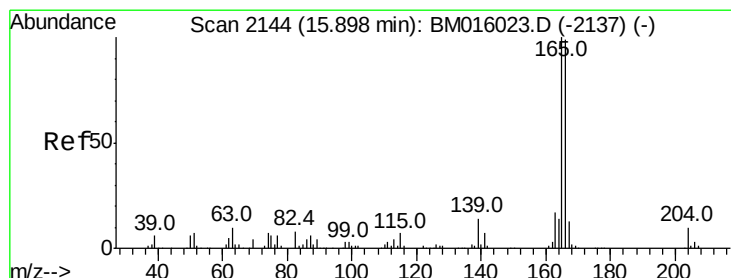
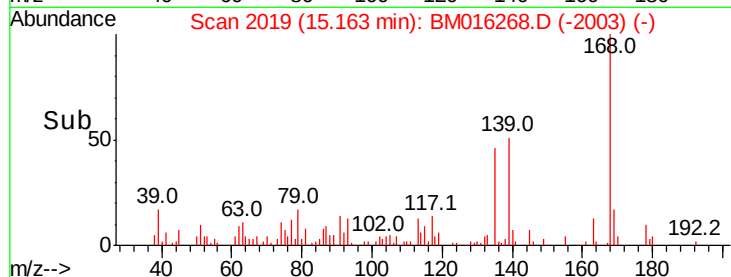
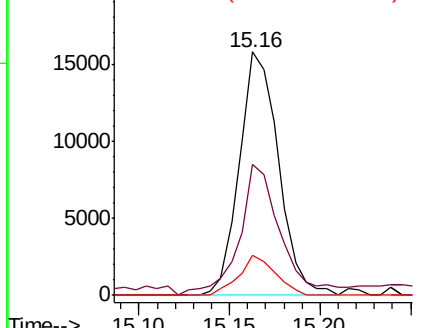
169 16.6 10.6 16.0#



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

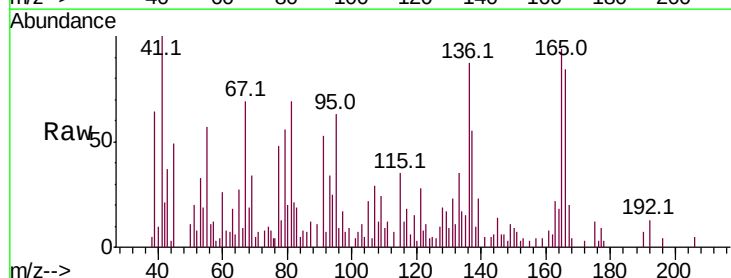
Tgt Ion:166 Resp: 14327

Ion Ratio Lower Upper

166 100

165 111.2 79.0 118.4

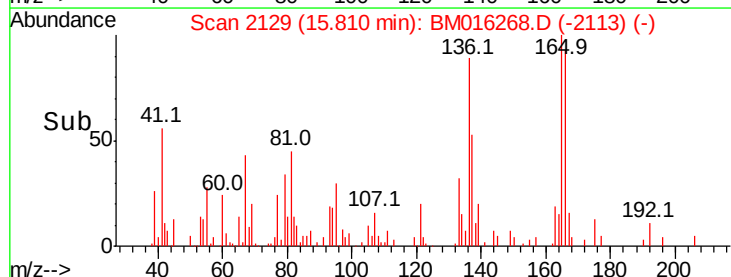
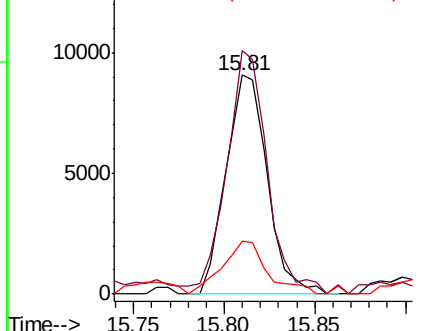
167 24.0 10.3 15.5#

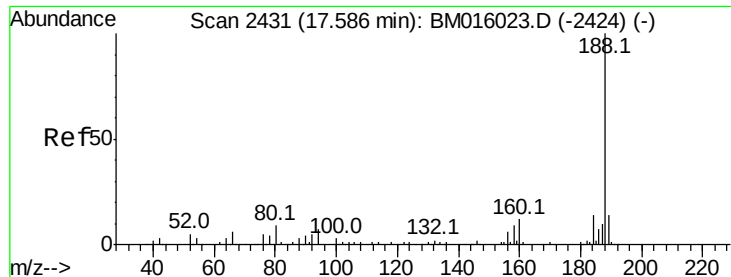


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

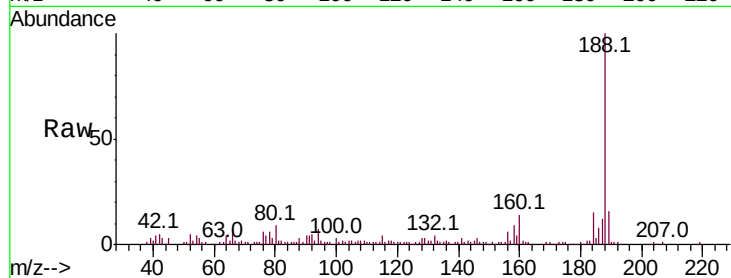




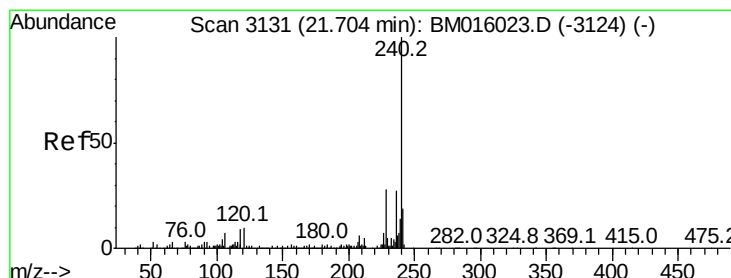
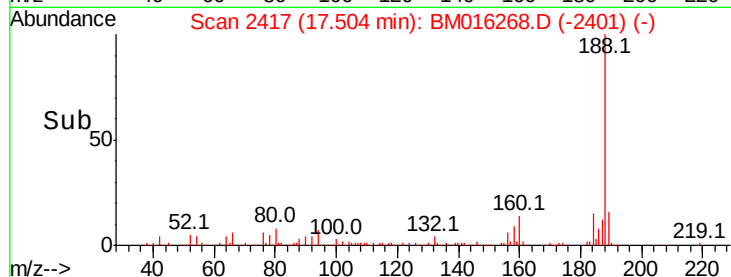
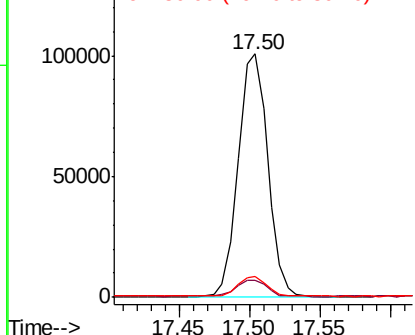
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

Instrument :
BNA_M
ClientSampleId :

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#

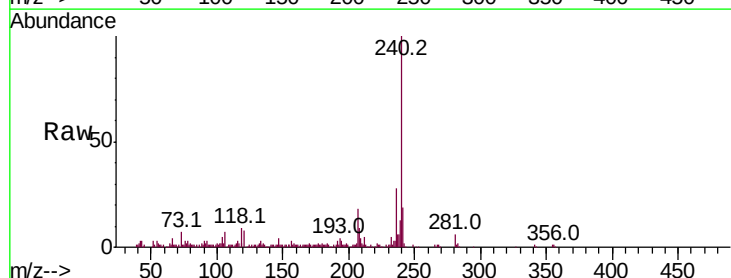


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

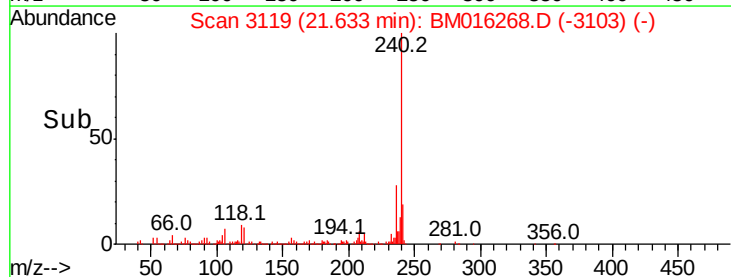
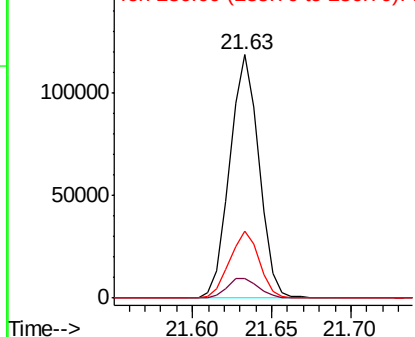


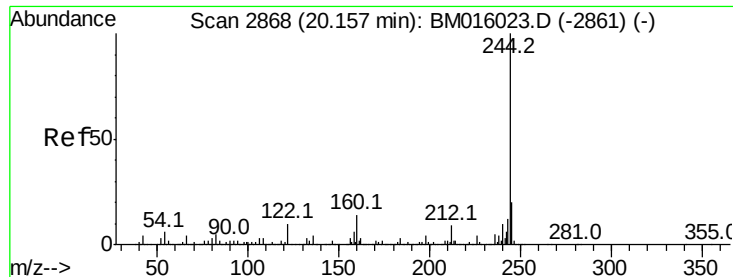
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016268.D
Acq: 09 Aug 2018 04:03

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 :

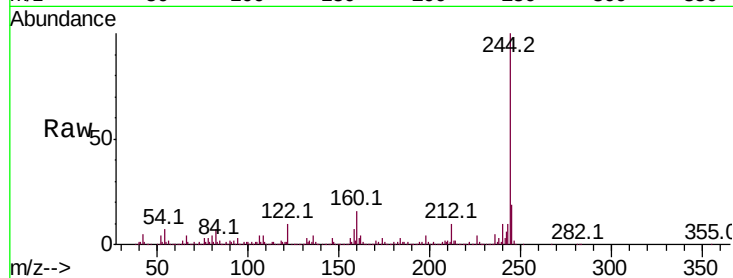
Tot Ion:244 Resp: 565572

Ion Ratio Lower Upper

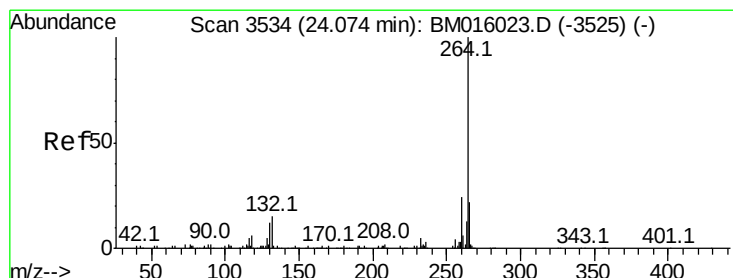
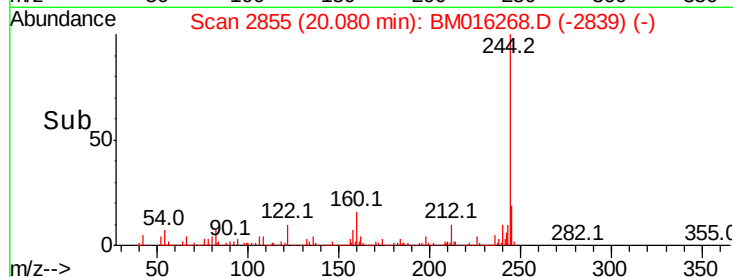
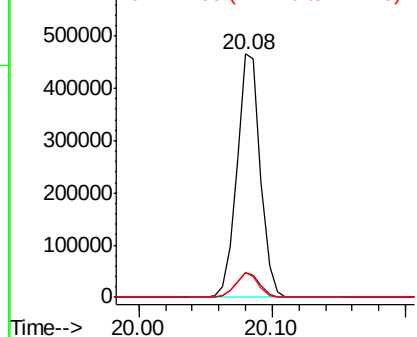
244 100

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

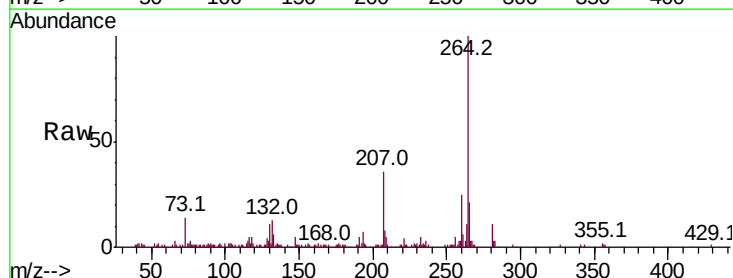
Tgt Ion:264 Resp: 165465

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

