

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080918\
 Data File : BM016277.D
 Acq On : 09 Aug 2018 12:24
 Operator : SJ/JU
 Sample : J4356-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-29

Quant Time: Aug 10 04:04:17 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

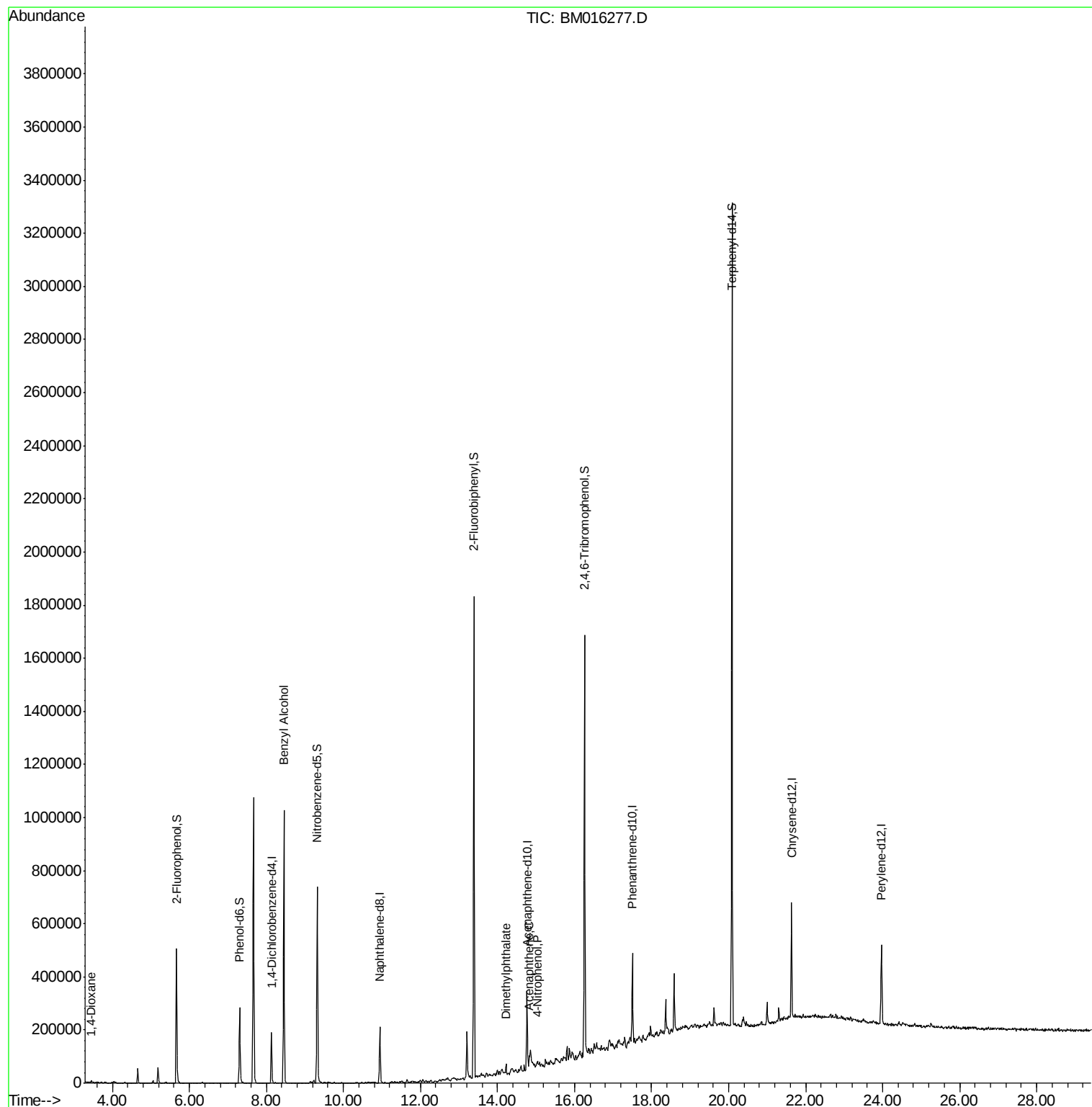
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	40533	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	145075	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	74235	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	149043	20.00	ng	0.00
75) Chrysene-d12	21.63	240	160515	20.00	ng	0.00
86) Perylene-d12	23.97	264	175749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	170318	69.80	ng	0.00
7) Phenol-d6	7.30	99	117762	36.96	ng	0.00
23) Nitrobenzene-d5	9.32	82	361693	115.96	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	159594	169.50	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	696187	114.11	ng	0.00
78) Terphenyl-d14	20.09	244	1004632	131.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.46	88	2680	2.344	ng	Qvalue # 100
15) Benzyl Alcohol	8.45	79	7439	2.932	ng	# 35
49) Dimethylphthalate	14.22	163	20500	3.155	ng	98
51) Acenaphthene	14.83	154	12402	2.644	ng	# 88
55) 4-Nitrophenol	15.03	139	2784	2.751	ng	# 50

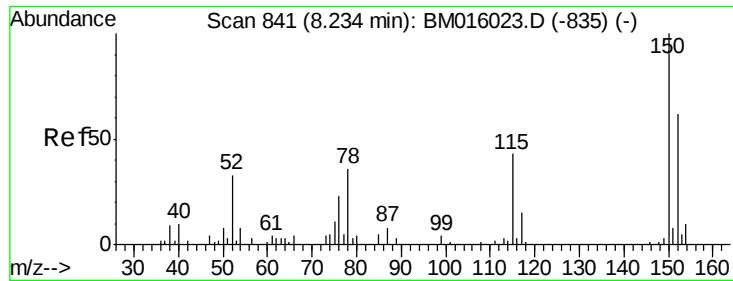
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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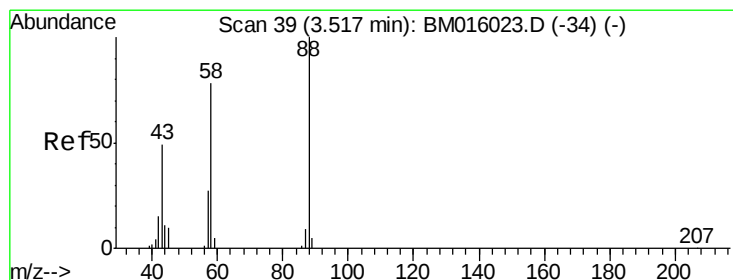
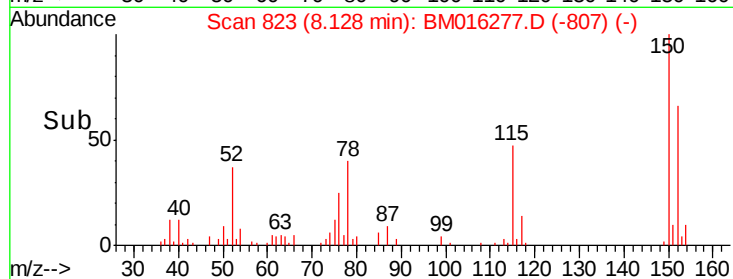
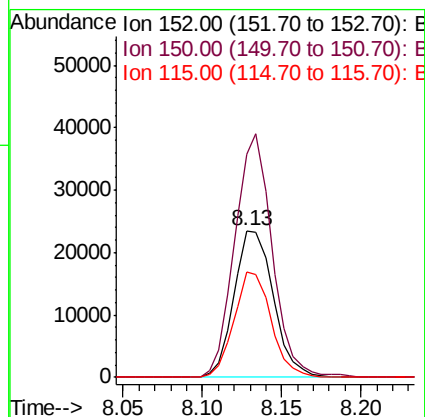
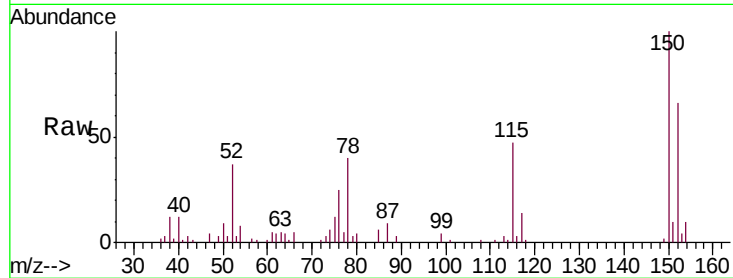




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016277.D
 Acq: 09 Aug 2018 12:24

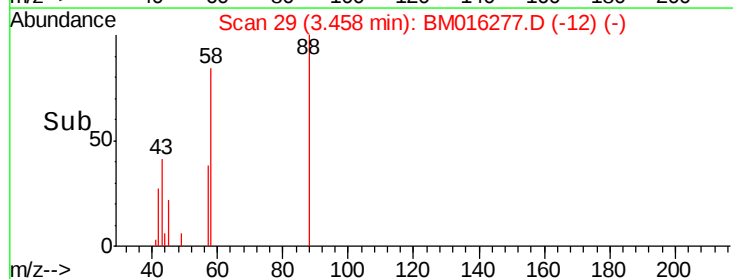
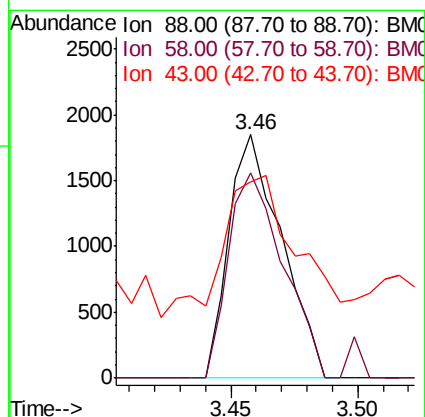
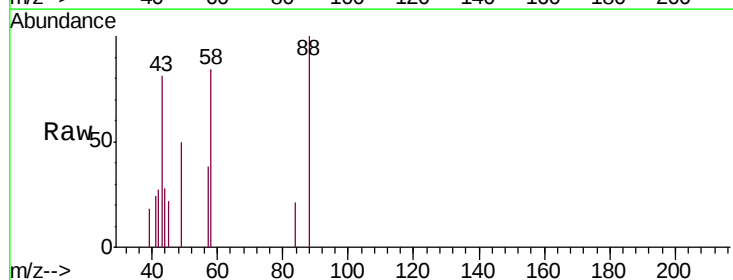
Instrument :
 BNA_M
 ClientSampled :
 MW-29

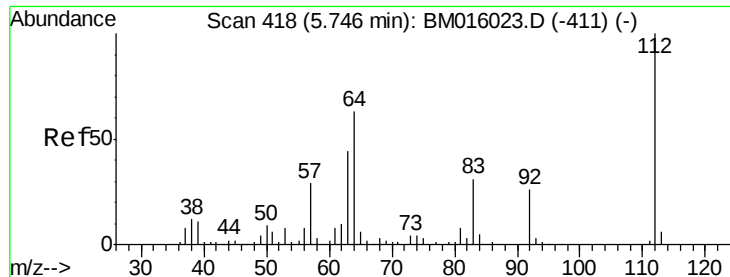
Tgt Ion:152 Resp: 40533
 Ion Ratio Lower Upper
 152 100
 150 152.6 119.5 179.3
 115 72.4 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 2.344 ng
 RT: 3.46 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BM016277.D
 Acq: 09 Aug 2018 12:24

Tgt Ion: 88 Resp: 2680
 Ion Ratio Lower Upper
 88 100
 58 87.8 0.0 0.0#
 43 58.7 0.0 0.0#





#5

2-Fluorophenol

Concen: Below ng

RT: 5.66 min Scan# 404

Delta R.T. 0.00 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampled :

MW-29

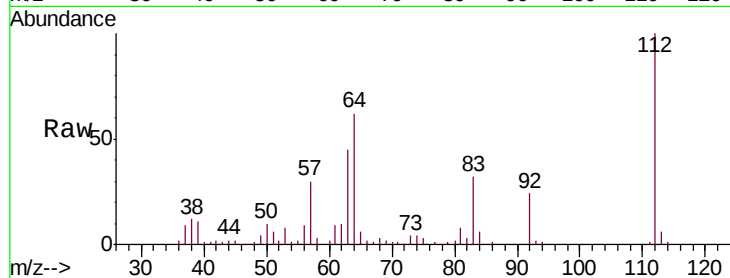
Tgt Ion: 112 Resp: 170318

Ion Ratio Lower Upper

112 100

64 62.0 38.6 57.8#

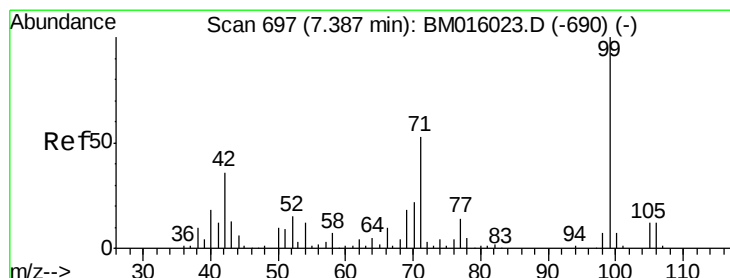
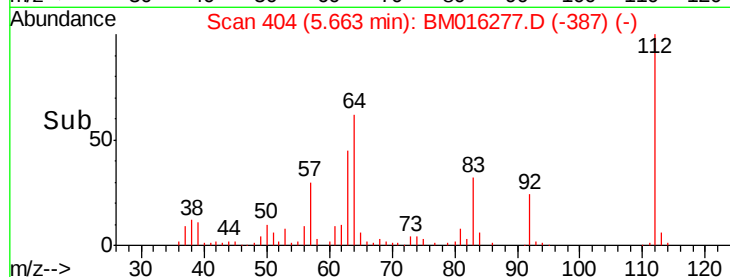
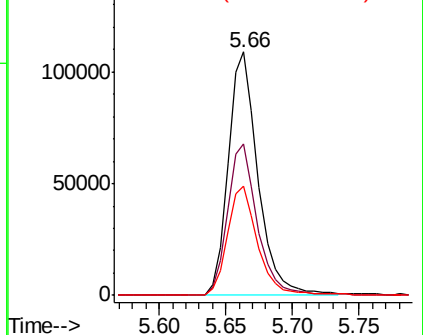
63 44.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

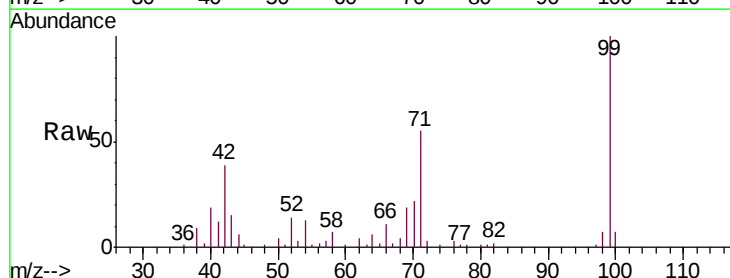
Tgt Ion: 99 Resp: 117762

Ion Ratio Lower Upper

99 100

42 38.6 11.0 16.4#

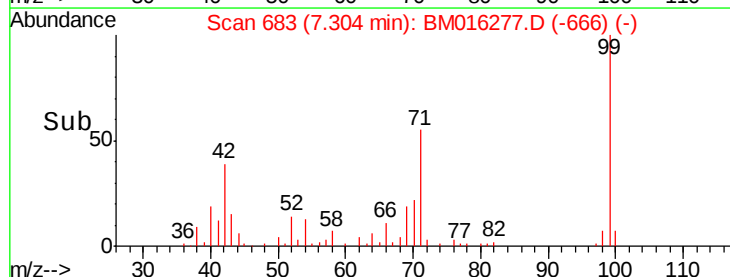
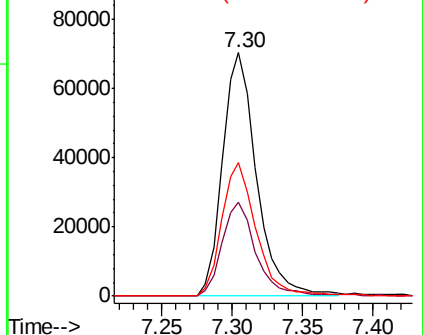
71 54.8 23.4 35.2#

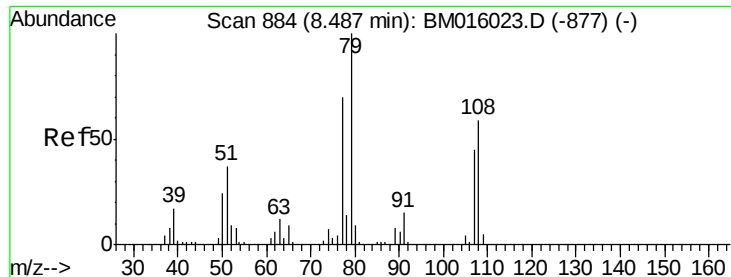


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#15

Benzyl Alcohol

Concen: 2.932 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.06 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampled :

MW-29

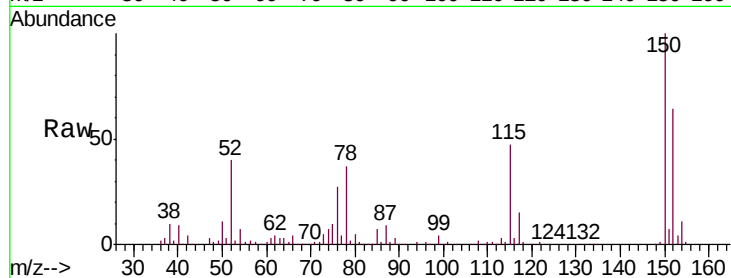
Tgt Ion: 79 Resp: 7439

Ion Ratio Lower Upper

79 100

108 73.2 65.0 97.4

77 173.1 53.0 79.6#

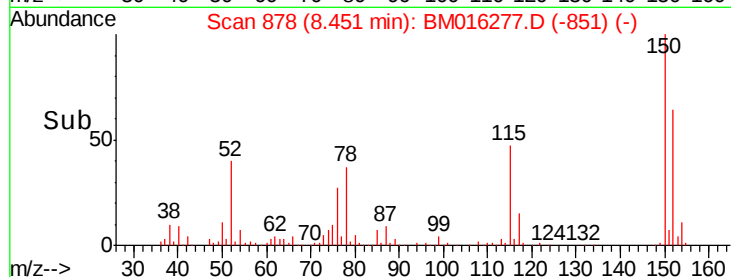


Abundance Ion 79.00 (78.70 to 79.70): BM016277.D (-851) (-)

Ion 108.00 (107.70 to 108.70): BM016277.D (-851) (-)

Ion 77.00 (76.70 to 77.70): BM016277.D (-851) (-)

Time-->



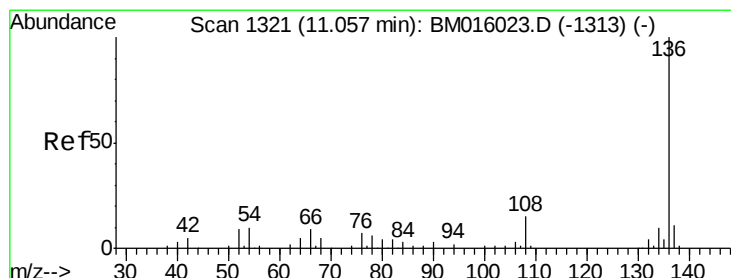
Abundance

Ion 79.00 (78.70 to 79.70): BM016277.D (-851) (-)

Ion 108.00 (107.70 to 108.70): BM016277.D (-851) (-)

Ion 77.00 (76.70 to 77.70): BM016277.D (-851) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Tgt Ion: 136 Resp: 145075

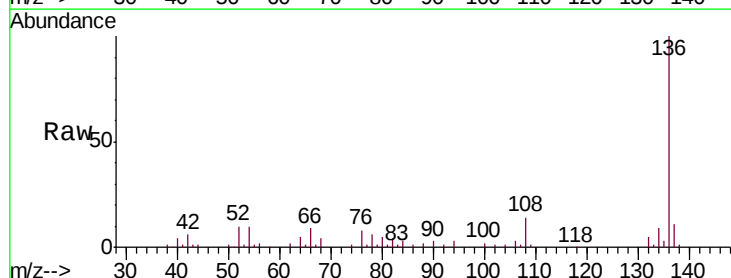
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 4.6 6.8#

68 4.0 3.7 5.5



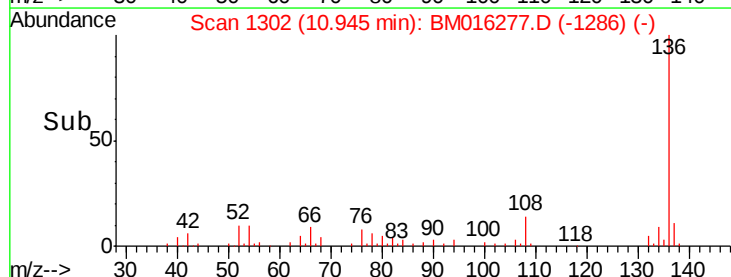
Abundance Ion 136.00 (135.70 to 136.70): BM016277.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016277.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016277.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016277.D (-1286) (-)

Time-->



Abundance

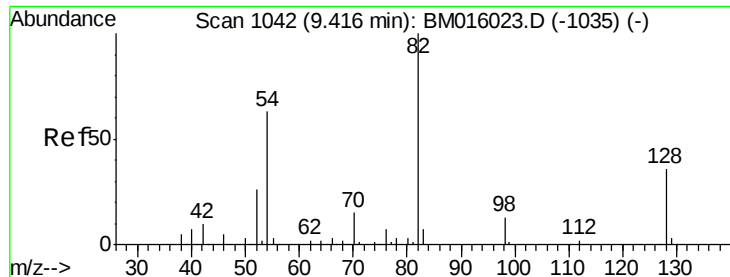
Ion 136.00 (135.70 to 136.70): BM016277.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016277.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016277.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016277.D (-1286) (-)

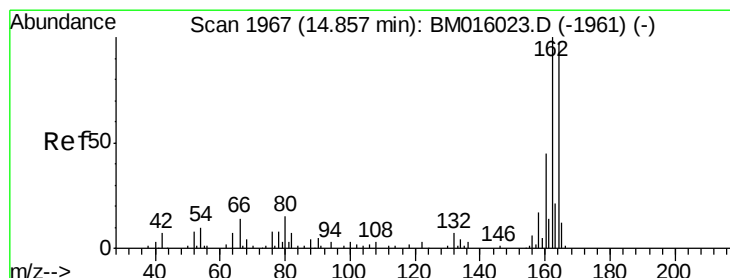
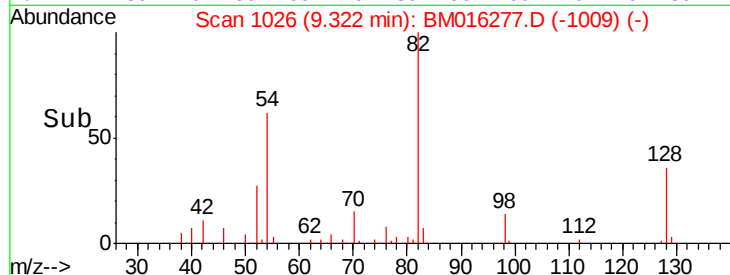
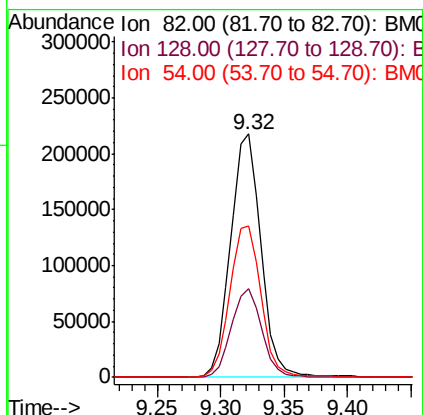
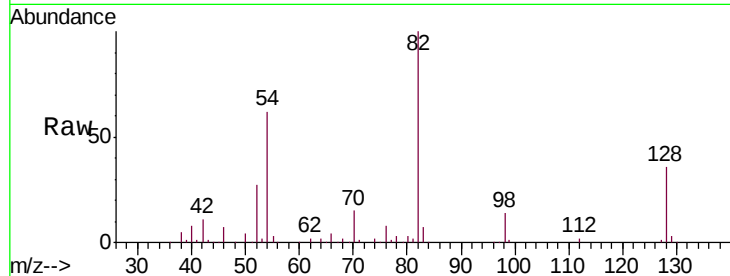
Time-->



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

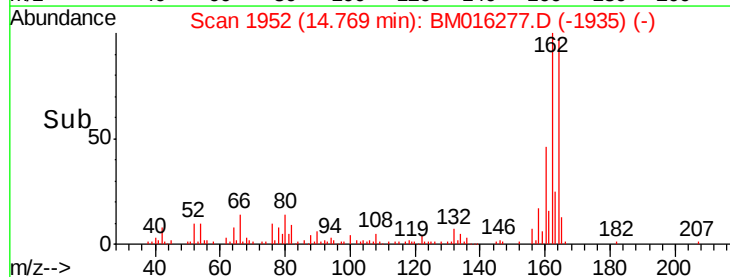
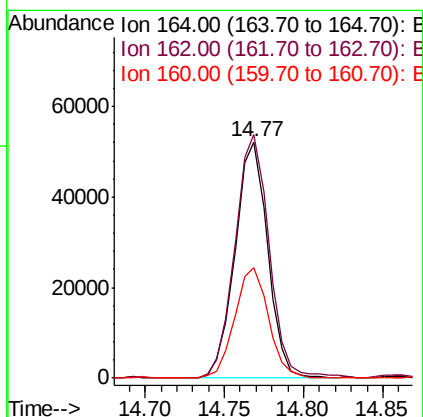
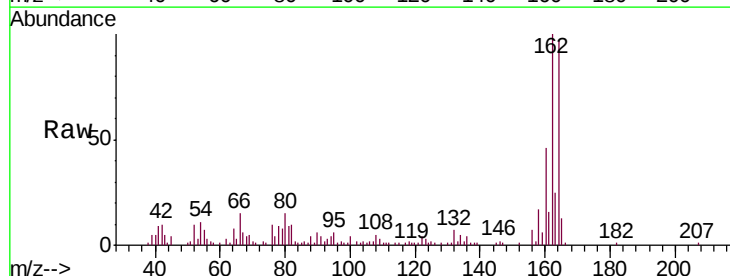
Instrument :
BNA_M
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MW-29

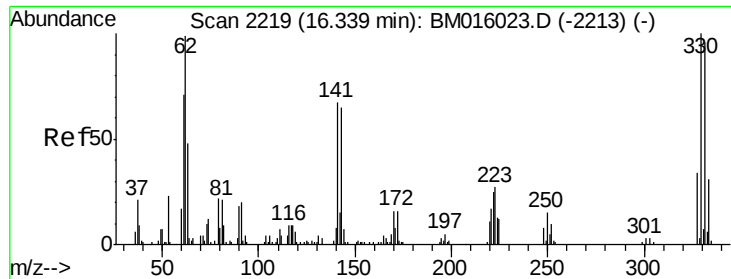
Tgt Ion: 82 Resp: 361693
Ion Ratio Lower Upper
82 100
128 36.2 32.8 49.2
54 62.0 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Tgt Ion: 164 Resp: 74235
Ion Ratio Lower Upper
164 100
162 103.2 82.4 123.6
160 47.0 35.8 53.6

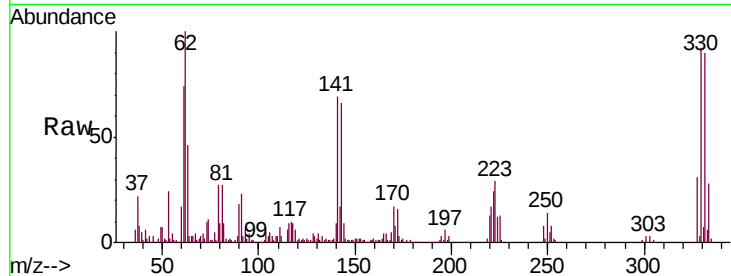




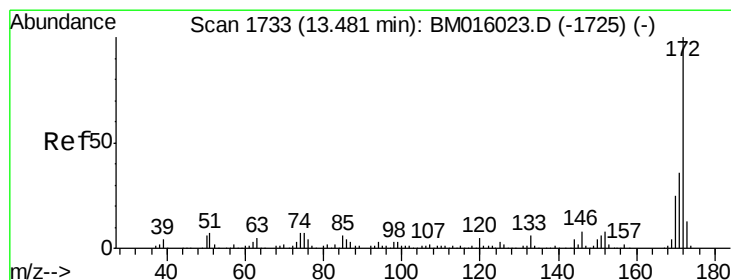
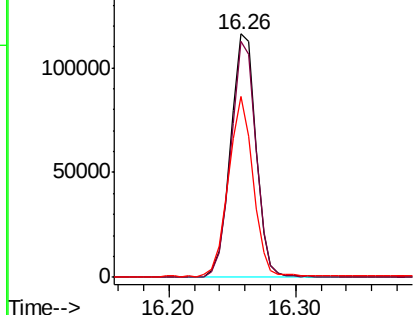
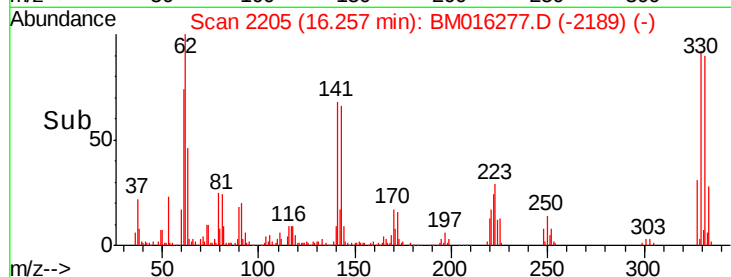
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016277.D
 Acq: 09 Aug 2018 12:24

Instrument :
 BNA_M
 ClientSampleId :
 MW-29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	72.0	0.0	0.0#

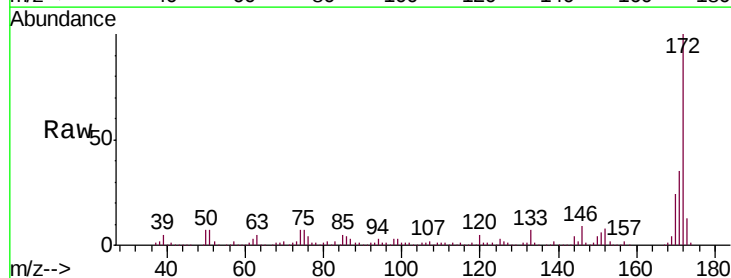


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

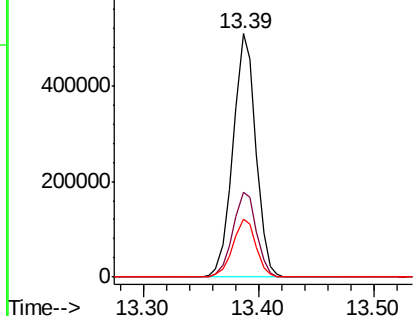
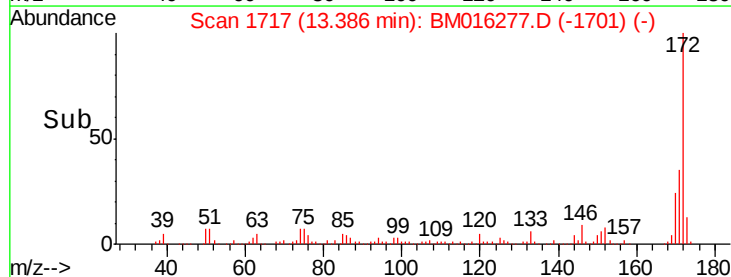


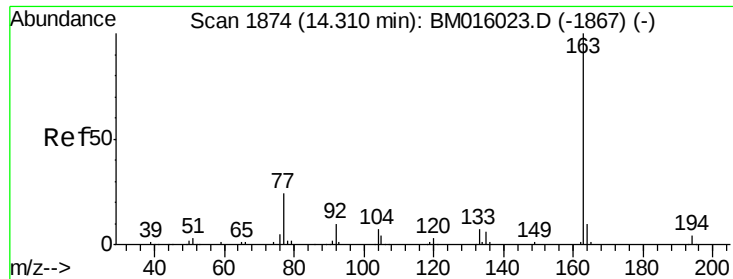
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016277.D
 Acq: 09 Aug 2018 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.1	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: 3.155 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampleId :

MW-29

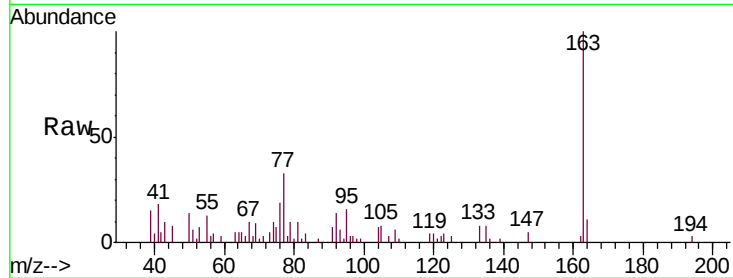
Tgt Ion:163 Resp: 20500

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

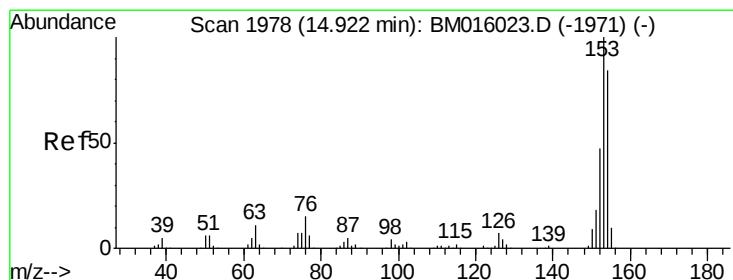
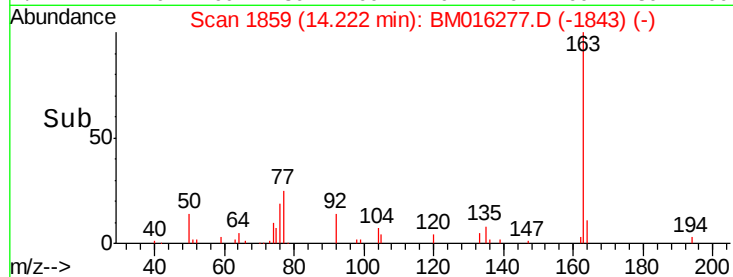
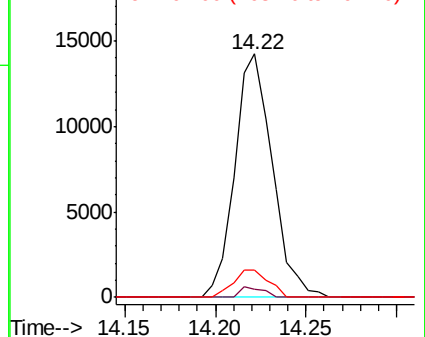
164 11.1 8.2 12.2



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: 2.644 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

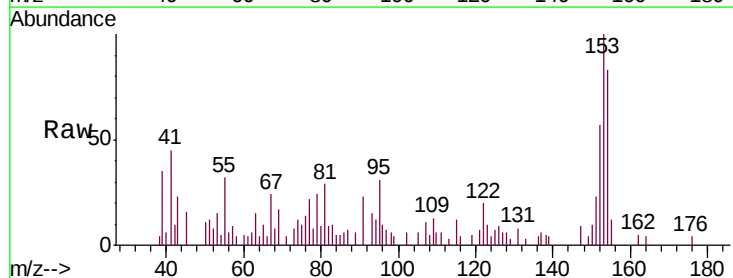
Tgt Ion:154 Resp: 12402

Ion Ratio Lower Upper

154 100

153 120.3 90.0 135.0

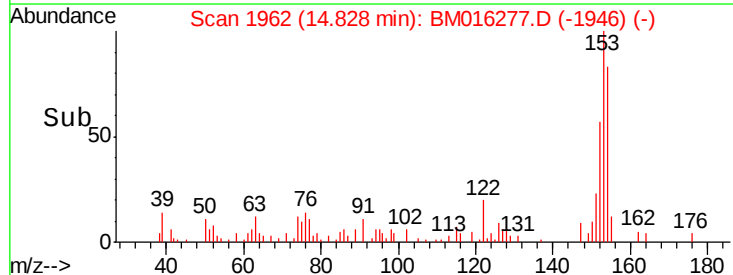
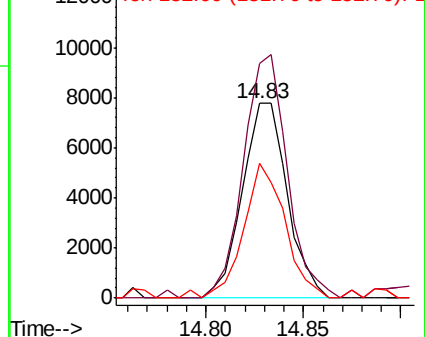
152 69.1 42.6 63.8#

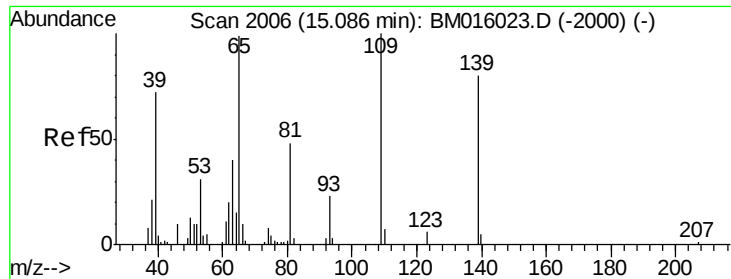


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

4-Nitrophenol

Concen: 2.751 ng

RT: 15.03 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampled :

MW-29

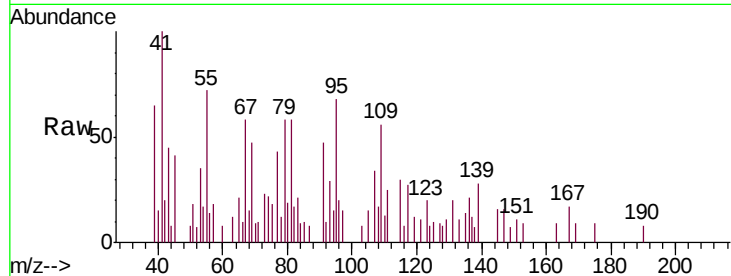
Tgt Ion:139 Resp: 2784

Ion Ratio Lower Upper

139 100

109 201.8 130.0 170.0#

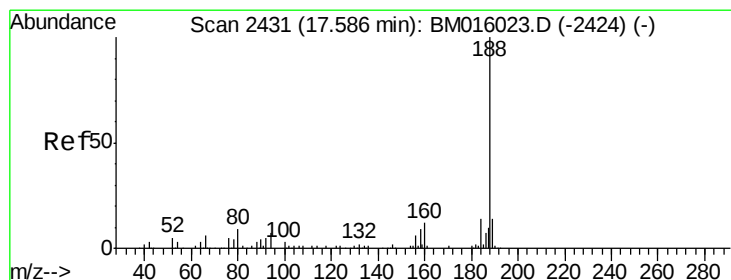
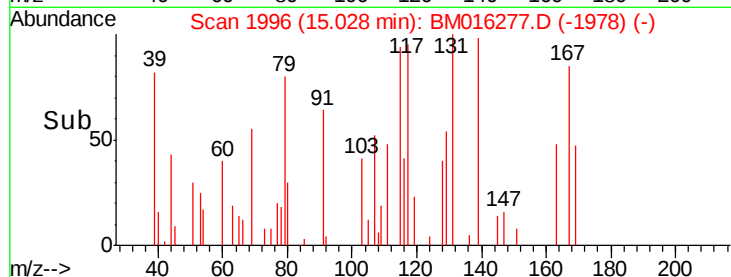
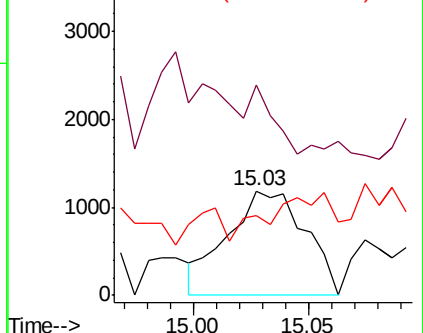
65 76.1 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

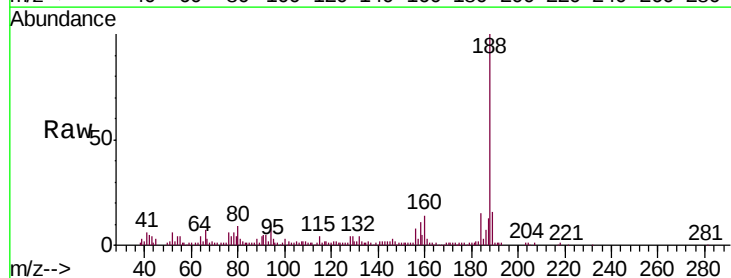
Tgt Ion:188 Resp: 149043

Ion Ratio Lower Upper

188 100

94 7.8 8.7 13.1#

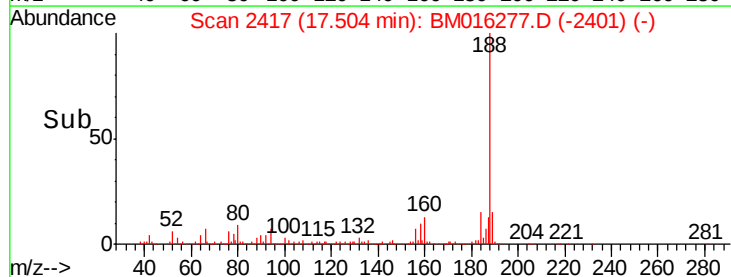
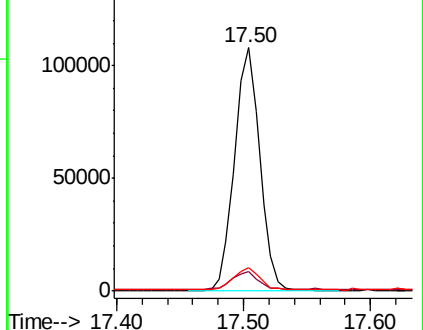
80 9.4 9.3 13.9

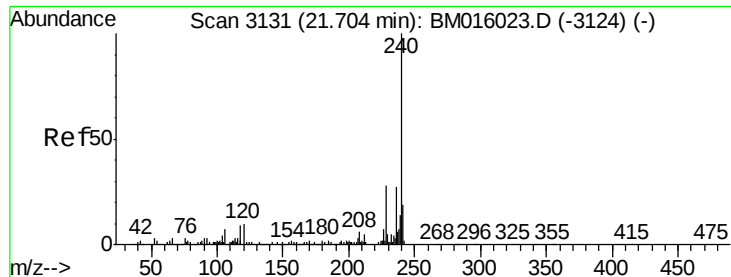


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampleId :

MW-29

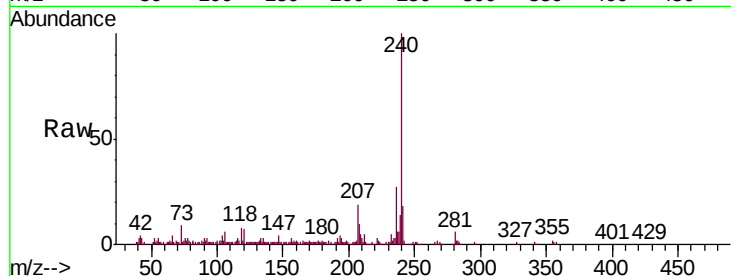
Tgt Ion:240 Resp: 160515

Ion Ratio Lower Upper

240 100

120 7.3 8.2 12.2#

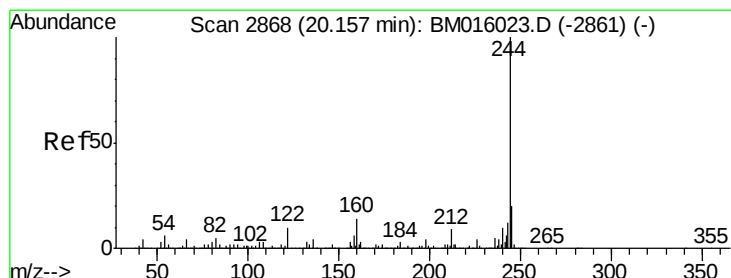
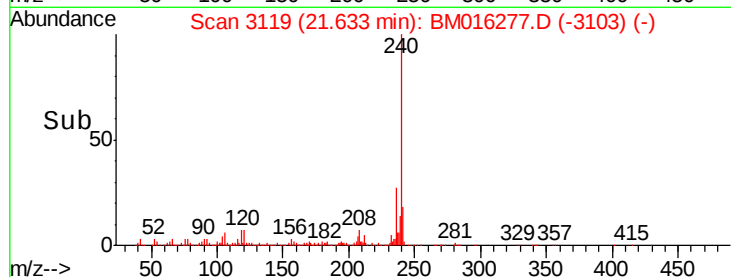
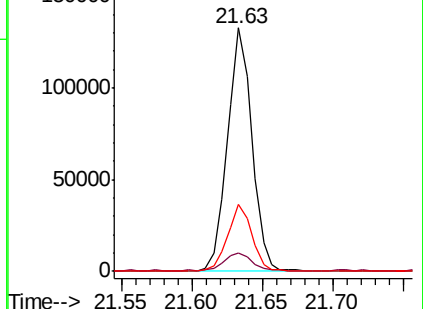
236 27.4 20.0 30.0



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: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

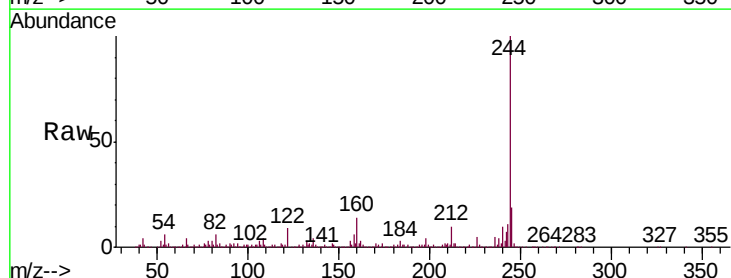
Tgt Ion:244 Resp: 1004632

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

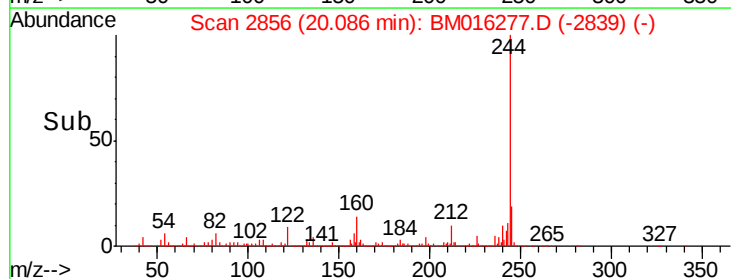
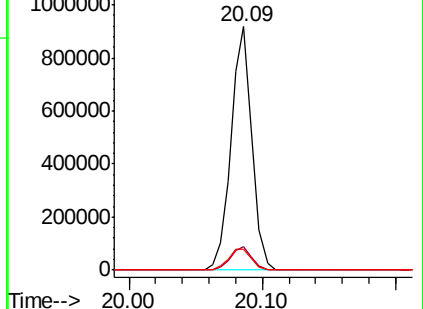
122 8.7 6.2 9.4

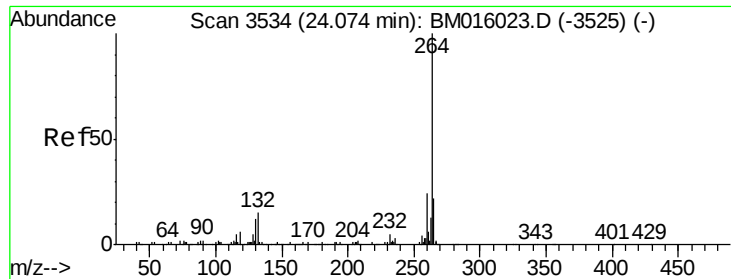


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM016277.D
Acq: 09 Aug 2018 12:24

Instrument :
BNA_M
ClientSampleId :
MW-29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	24.2	17.3	25.9

