

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080918\
 Data File : BM016278.D
 Acq On : 09 Aug 2018 13:00
 Operator : SJ/JU
 Sample : J4356-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-11

Quant Time: Aug 10 04:04:28 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

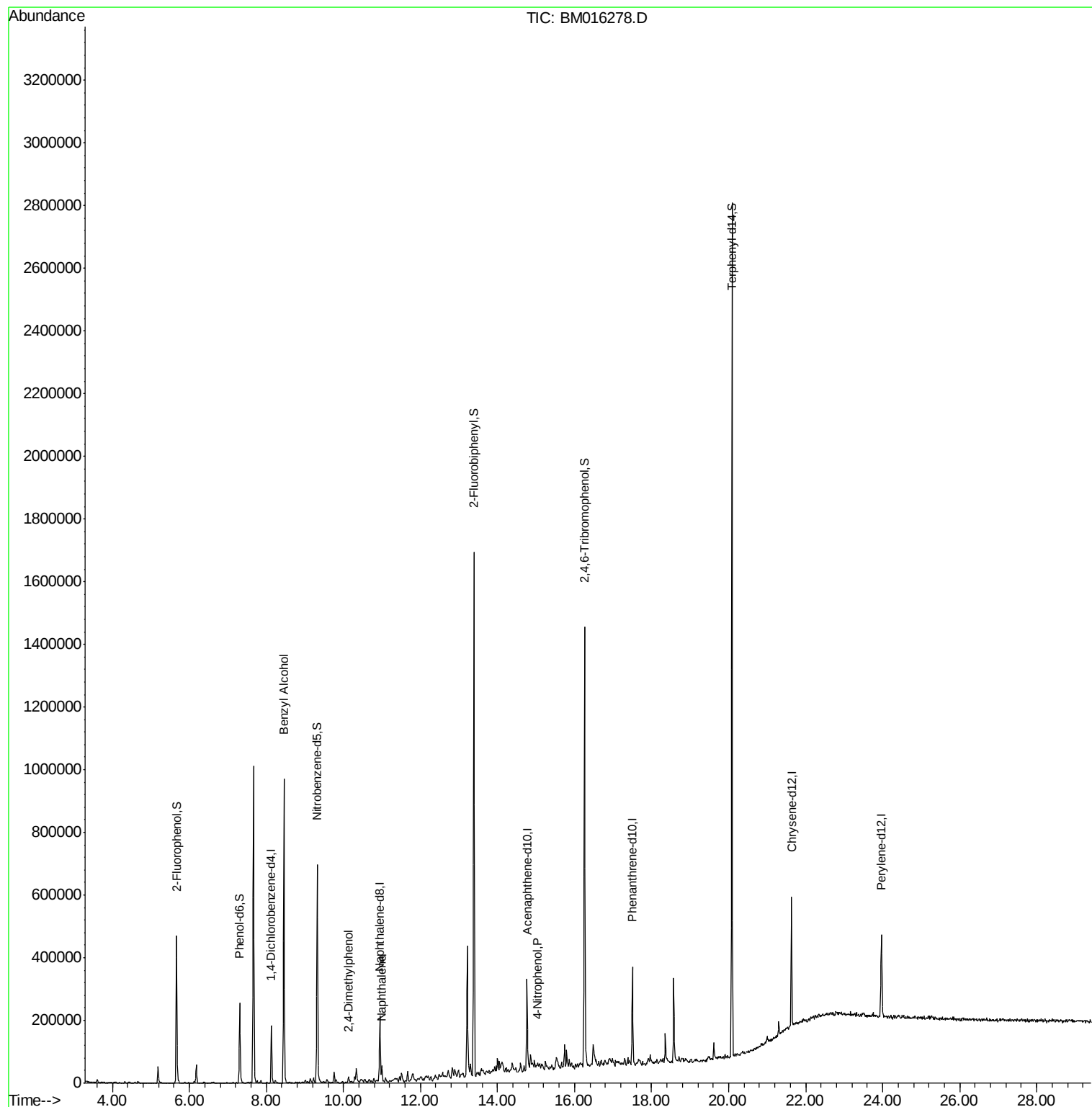
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39113	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	140416	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	72208	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	147148	20.00	ng	0.00
75) Chrysene-d12	21.63	240	149643	20.00	ng	0.00
86) Perylene-d12	23.97	264	166797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	154658	65.68	ng	0.00
7) Phenol-d6	7.30	99	106686	34.69	ng	0.00
23) Nitrobenzene-d5	9.32	82	338882	112.25	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	143904	157.13	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	654713	110.32	ng	0.00
78) Terphenyl-d14	20.09	244	883146	123.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.45	79	7130	2.912	ng	Qvalue # 40
27) 2,4-Dimethylphenol	10.13	122	4439	2.512	ng	# 91
31) Naphthalene	11.00	128	35012	4.927	ng	99
55) 4-Nitrophenol	15.03	139	2021	2.053	ng	# 62

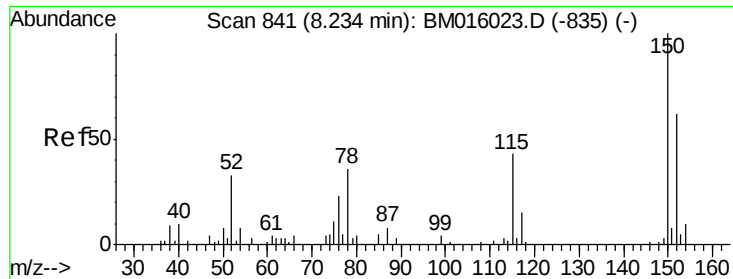
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampleId :

MW-11

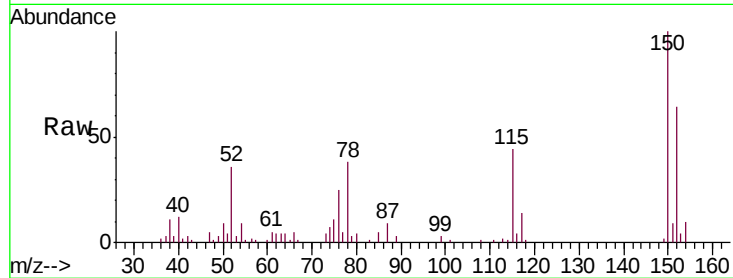
Tgt Ion:152 Resp: 39113

Ion Ratio Lower Upper

152 100

150 155.2 119.5 179.3

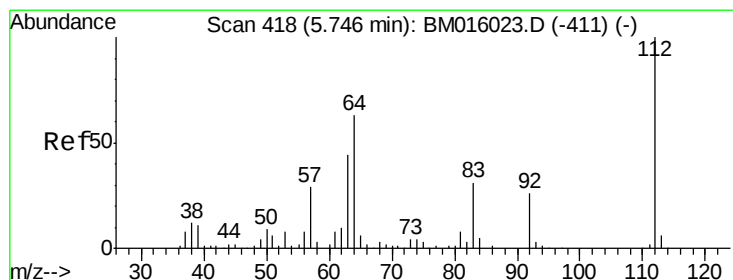
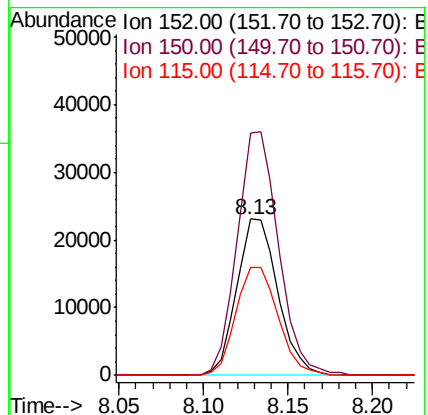
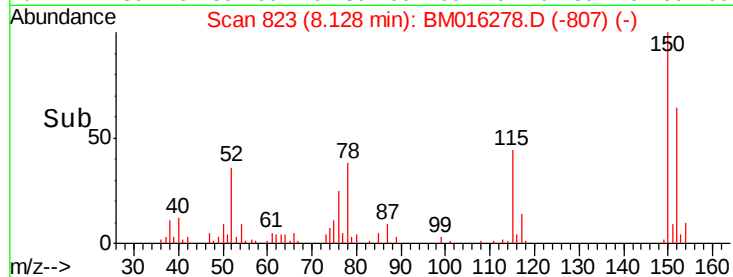
115 68.7 43.0 64.4#



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: BM016278.D

Acq: 09 Aug 2018 13:00

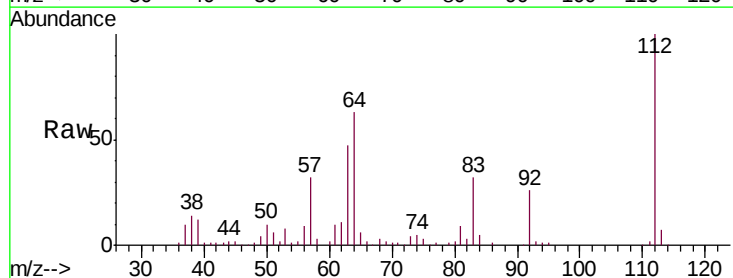
Tgt Ion:112 Resp: 154658

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

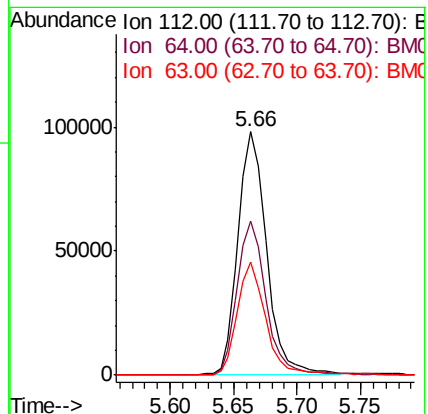
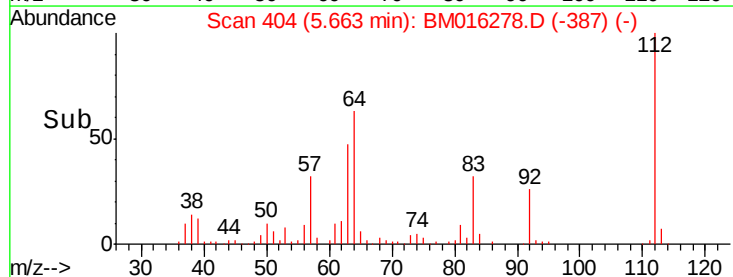
63 46.6 19.3 28.9#

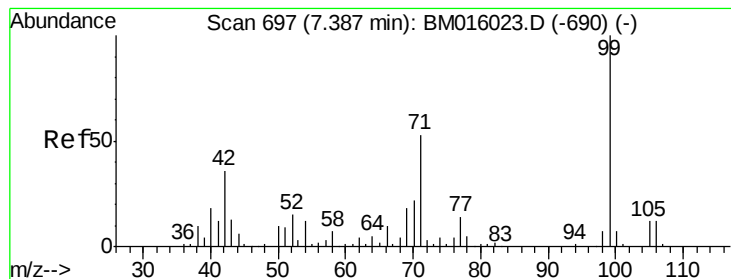


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampled :

MW-11

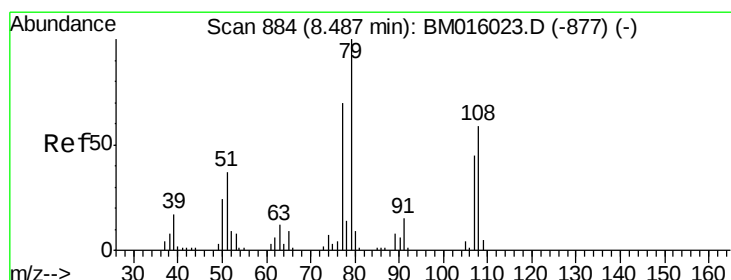
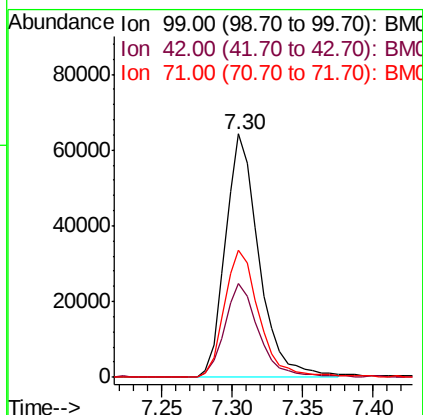
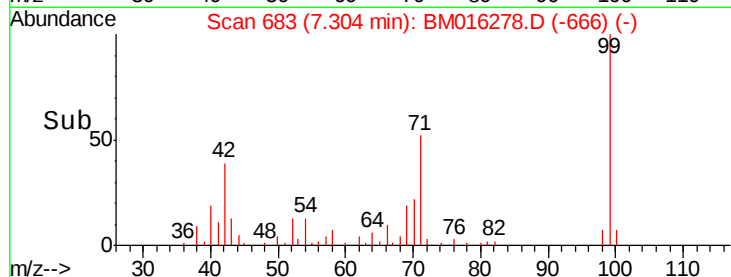
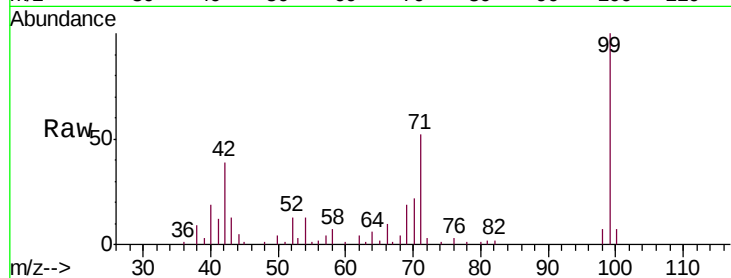
Tgt Ion: 99 Resp: 106686

Ion Ratio Lower Upper

99 100

42 38.5 11.0 16.4#

71 52.2 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.912 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.06 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

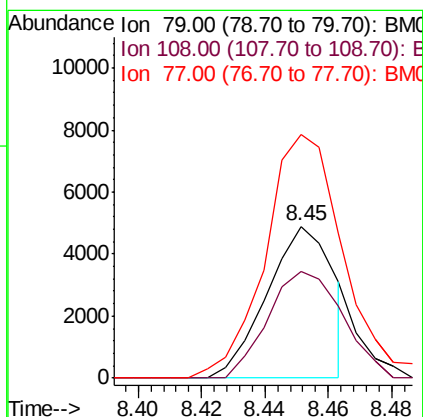
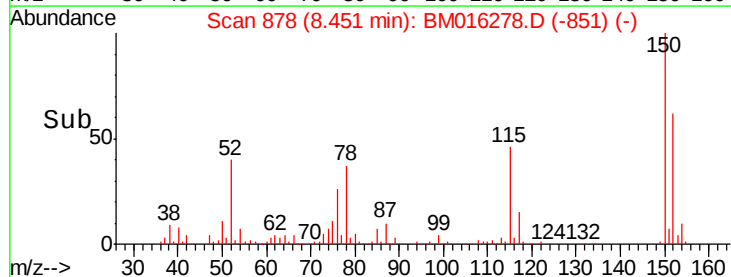
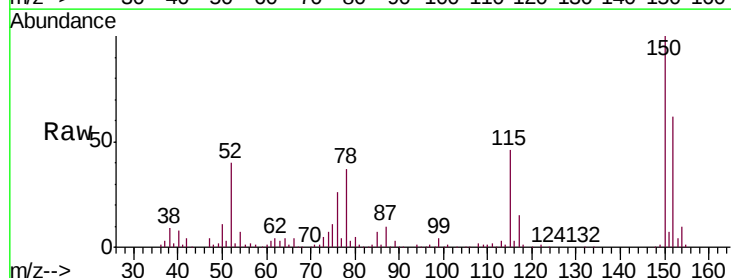
Tgt Ion: 79 Resp: 7130

Ion Ratio Lower Upper

79 100

108 70.1 65.0 97.4

77 160.8 53.0 79.6#

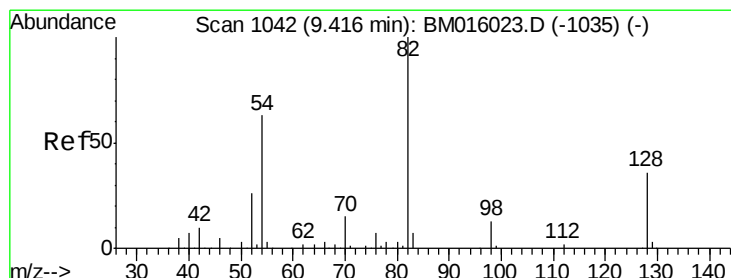
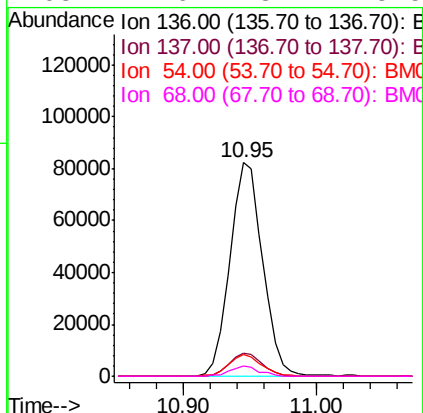
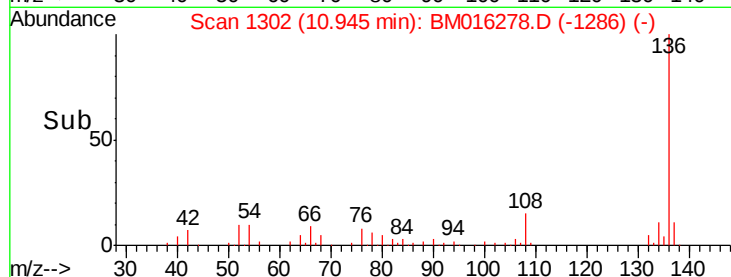
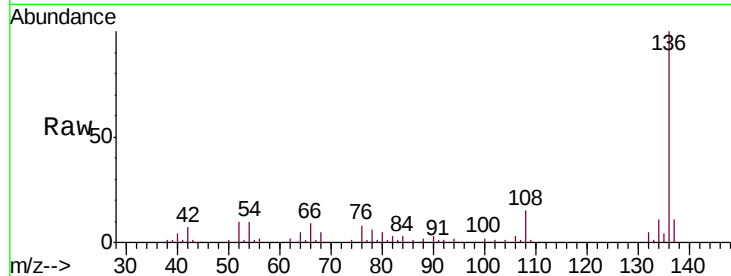




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016278.D
Acq: 09 Aug 2018 13:00

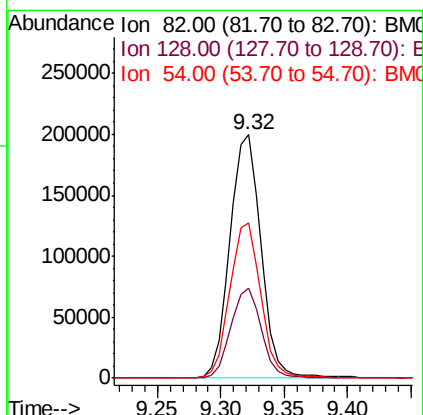
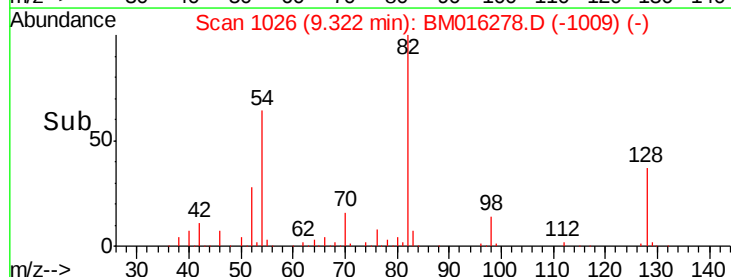
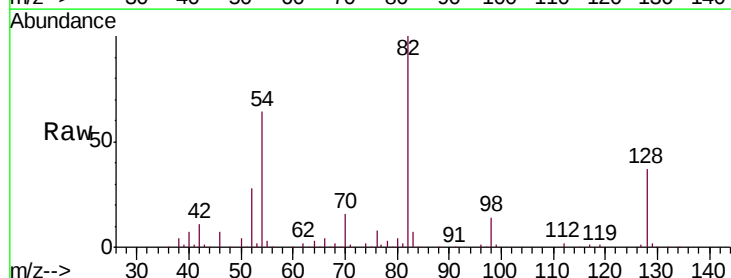
Instrument :
BNA_M
ClientSampleId :
MW-11

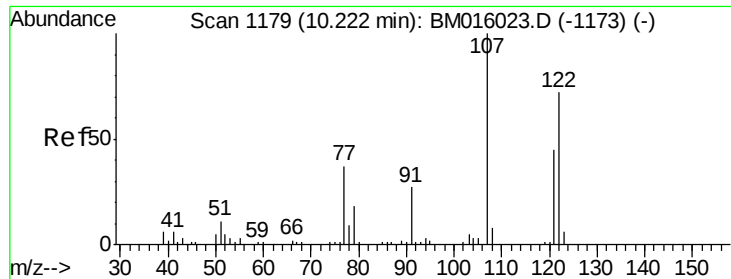
Tgt Ion:	136	Resp:	140416
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.3	4.6	6.8#
68	4.6	3.7	5.5



#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016278.D
Acq: 09 Aug 2018 13:00

Tgt Ion:	82	Resp:	338882
Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.8	49.2
54	63.8	40.6	60.8#

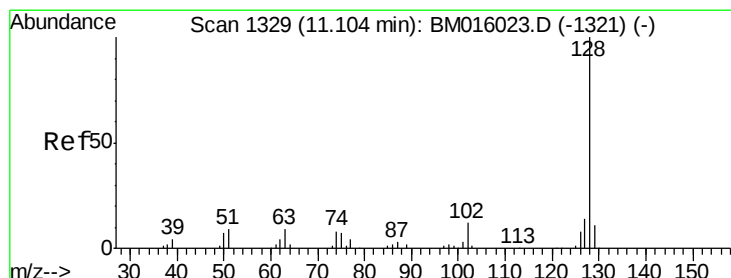
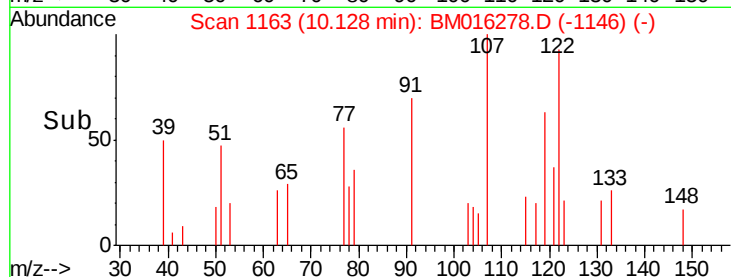
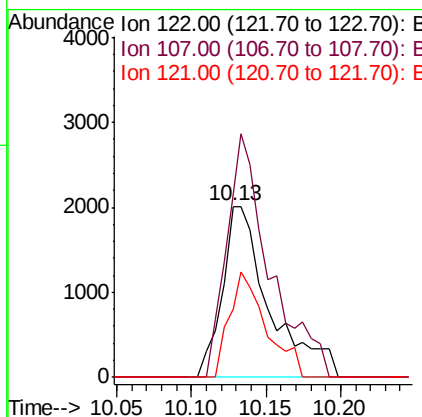
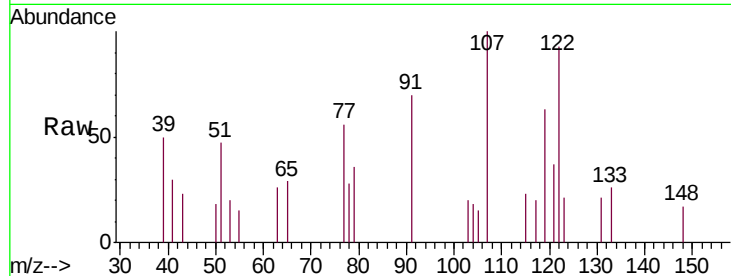




#27
2,4-Dimethylphenol
Concen: 2.512 ng
RT: 10.13 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM016278.D
Acq: 09 Aug 2018 13:00

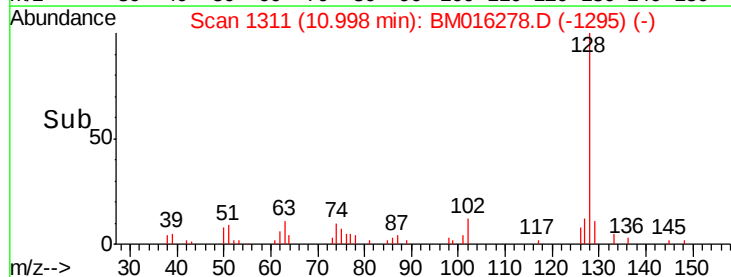
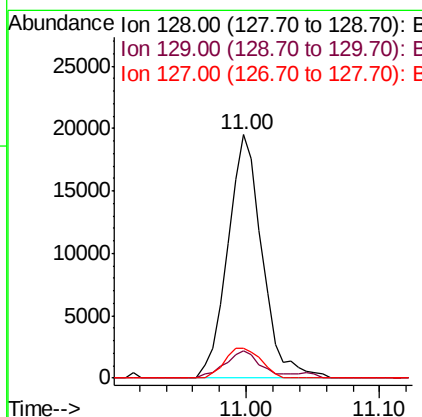
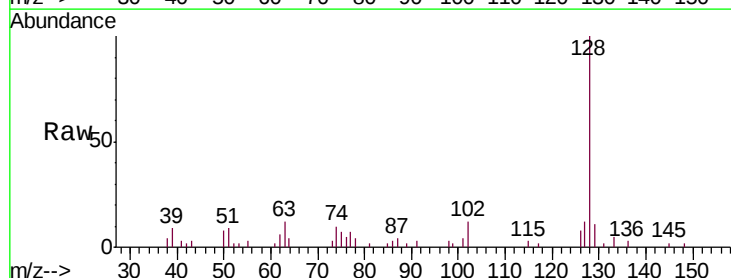
Instrument :
BNA_M
ClientSampleId :
MW-11

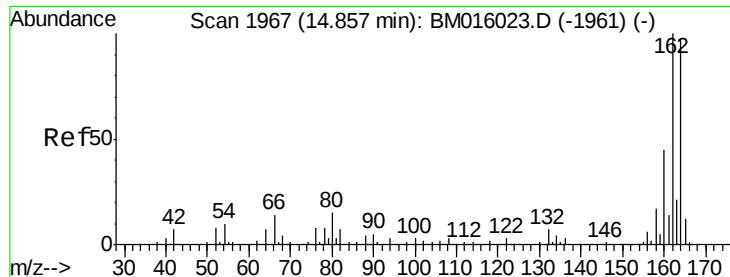
Tgt Ion:122 Resp: 4439
Ion Ratio Lower Upper
122 100
107 107.0 84.7 127.1
121 40.1 46.6 69.8#



#31
Naphthalene
Concen: 4.927 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016278.D
Acq: 09 Aug 2018 13:00

Tgt Ion:128 Resp: 35012
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.2 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampleId :

MW-11

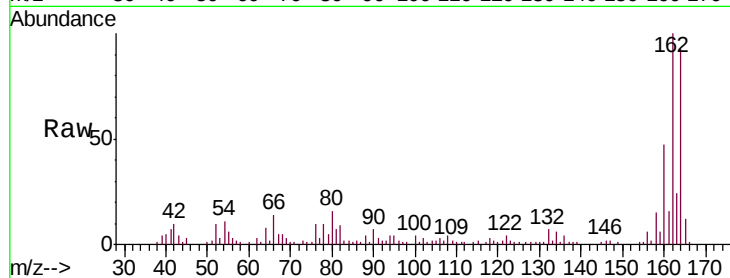
Tgt Ion:164 Resp: 72208

Ion Ratio Lower Upper

164 100

162 108.1 82.4 123.6

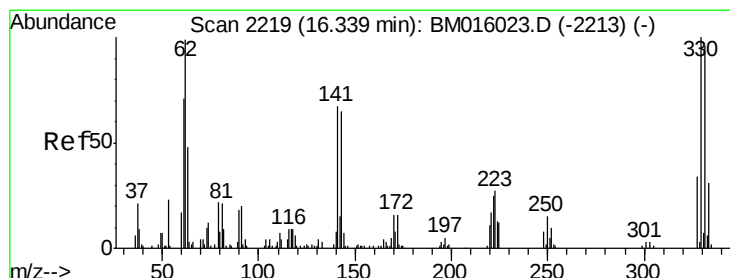
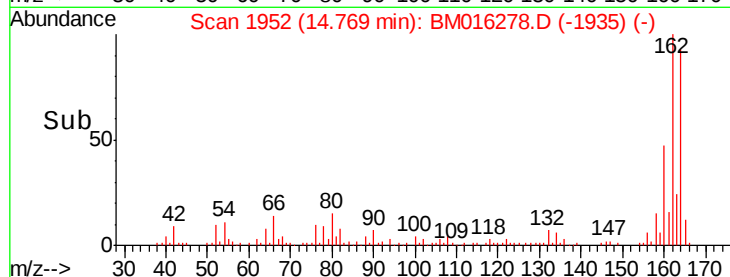
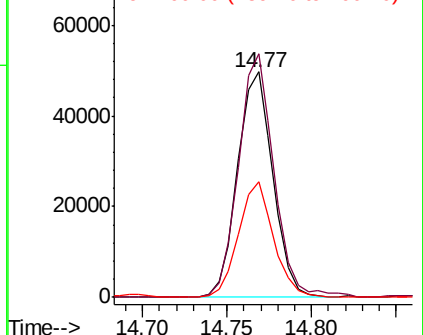
160 51.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.26 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

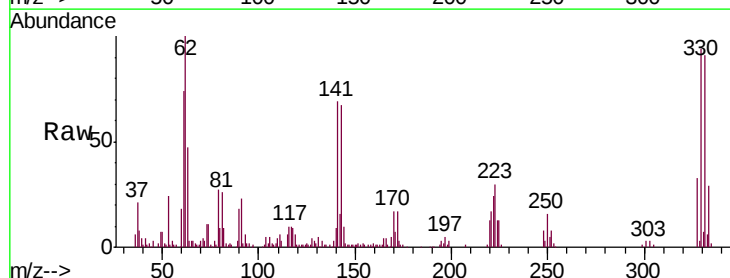
Tgt Ion:330 Resp: 143904

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

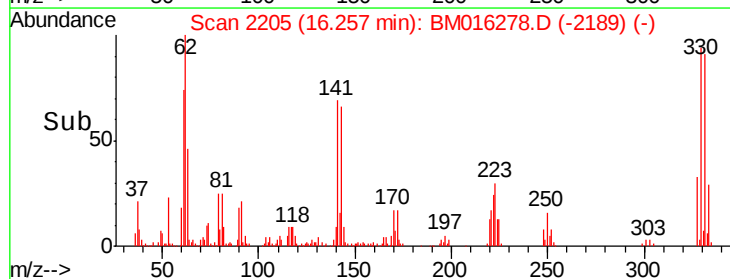
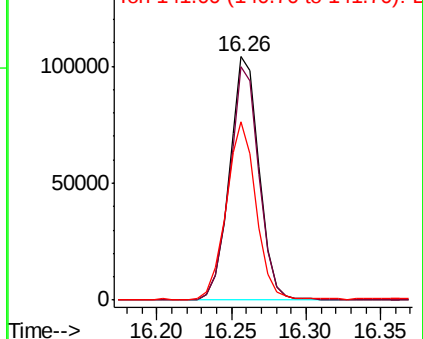
141 75.4 0.0 0.0#

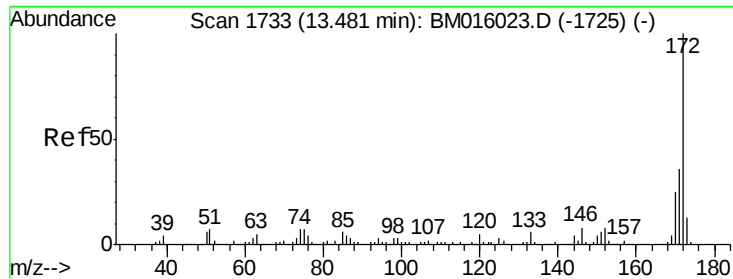


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

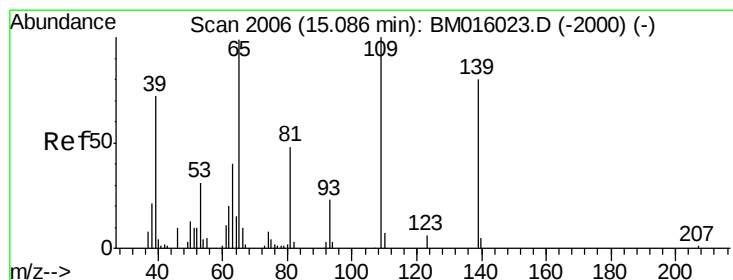
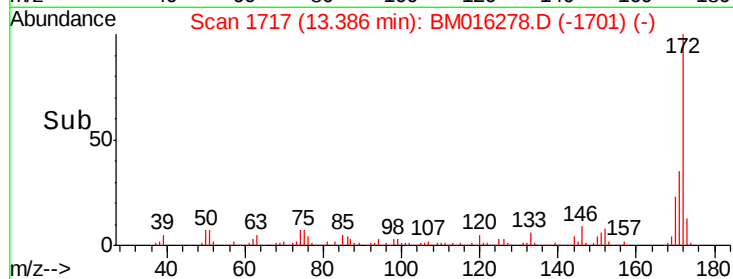
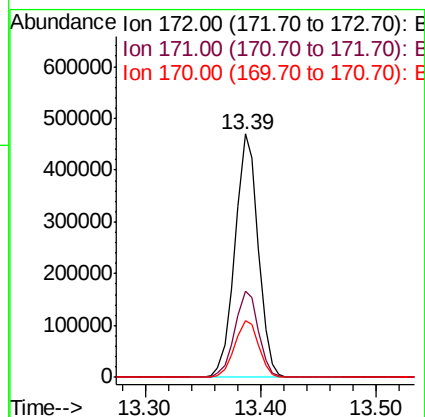
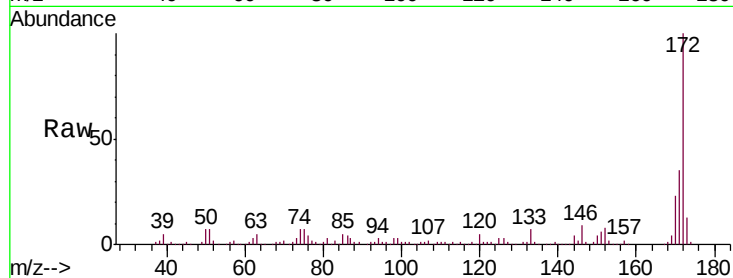




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

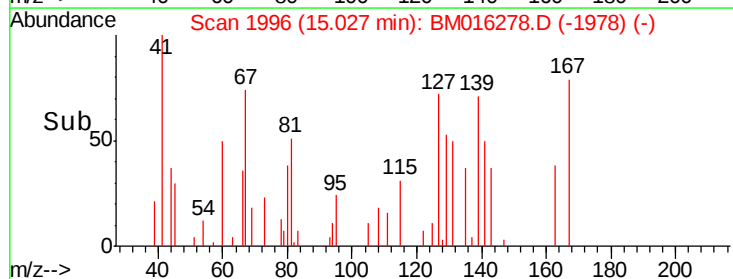
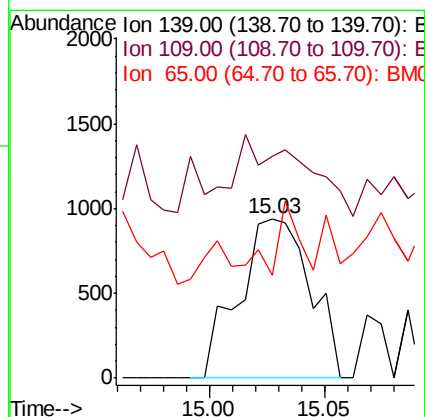
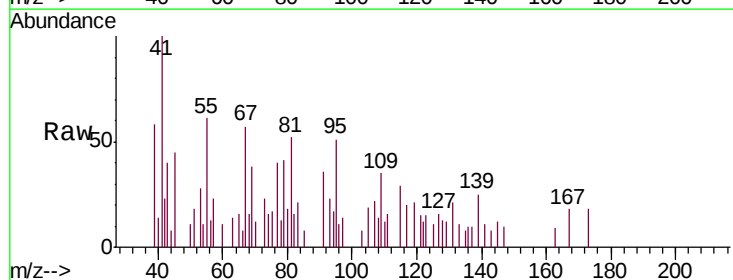
Instrument :
 BNA_M
 ClientSampleId :
 MW-11

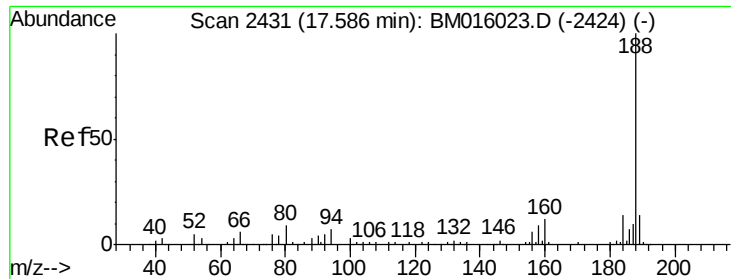
Tgt Ion:172 Resp: 654713
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.4 18.8 28.2



#55
 4-Nitrophenol
 Concen: 2.053 ng
 RT: 15.03 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

Tgt Ion:139 Resp: 2021
 Ion Ratio Lower Upper
 139 100
 109 139.2 130.0 170.0
 65 64.9 130.0 170.0#

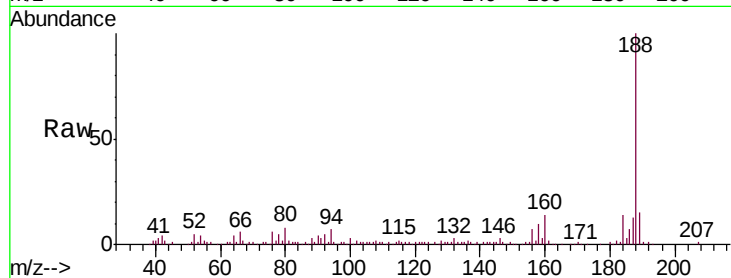




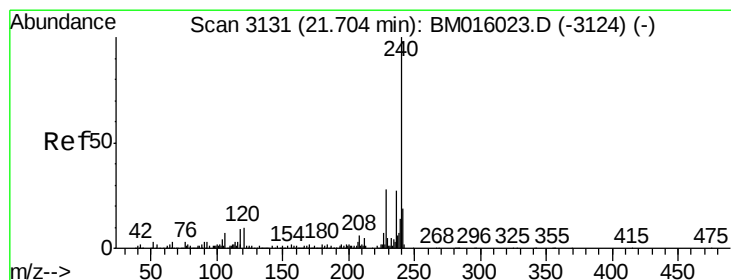
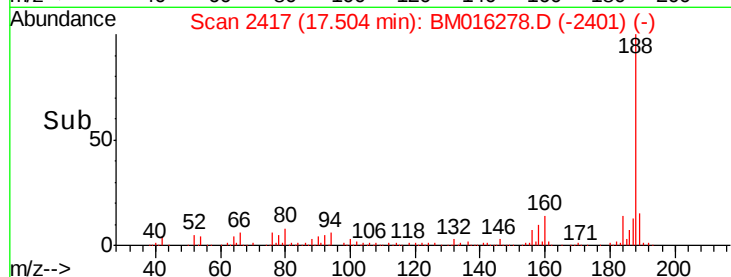
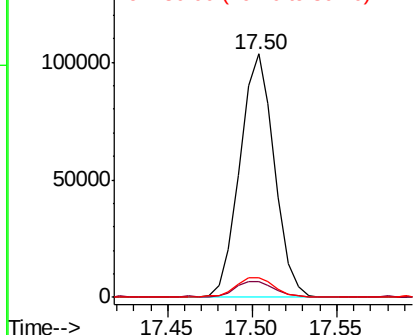
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016278.D
Acq: 09 Aug 2018 13:00

Instrument :
BNA_M
ClientSampled :
MW-11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	7.9	9.3	13.9#

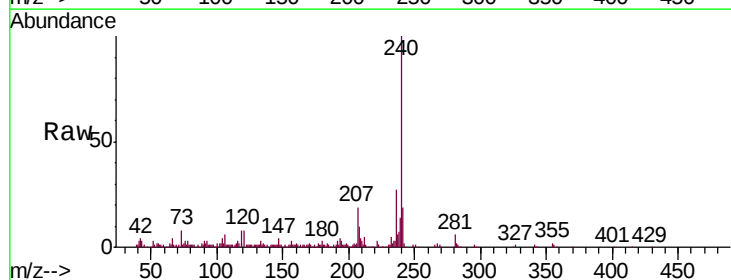


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

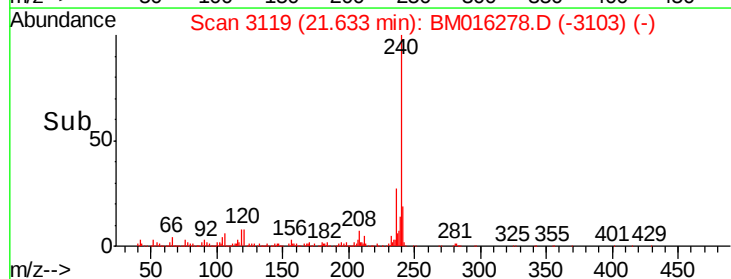
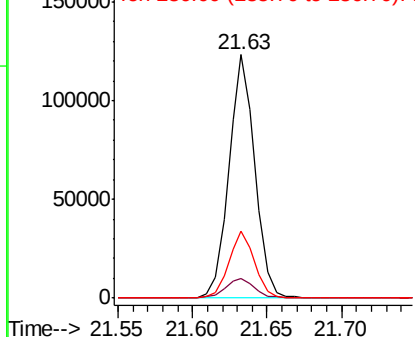


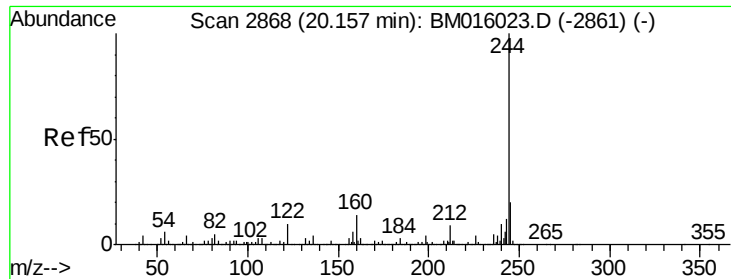
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016278.D
Acq: 09 Aug 2018 13:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	27.3	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: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampled :

MW-11

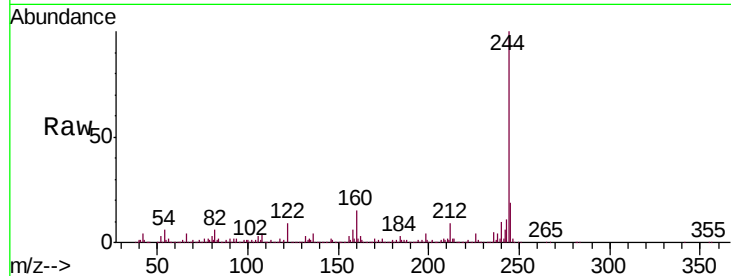
Tgt Ion:244 Resp: 883146

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

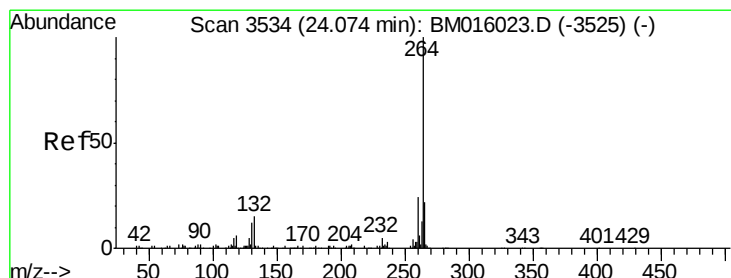
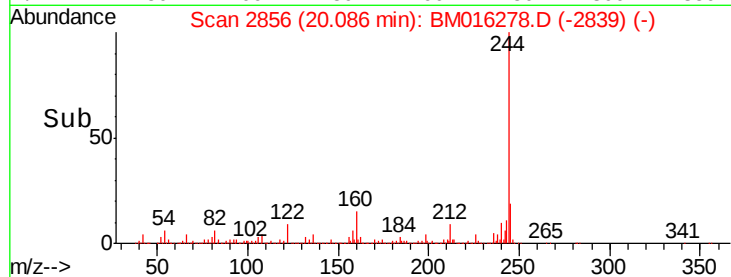
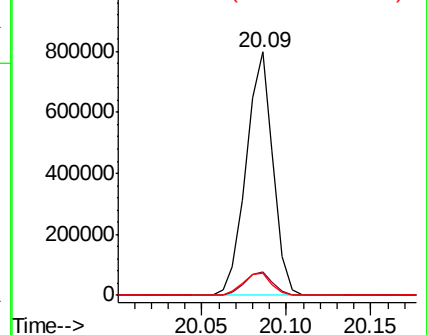
122 9.1 6.2 9.4



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: BM016278.D

Acq: 09 Aug 2018 13:00

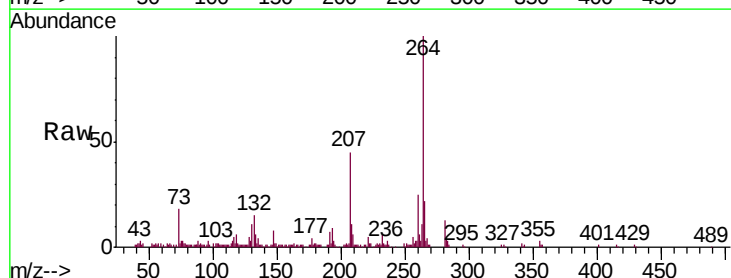
Tgt Ion:264 Resp: 166797

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 22.5 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

