

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016271.D
 Acq On : 09 Aug 2018 05:51
 Operator : SJ/JU
 Sample : J4328-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Quant Time: Aug 09 07:22:36 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

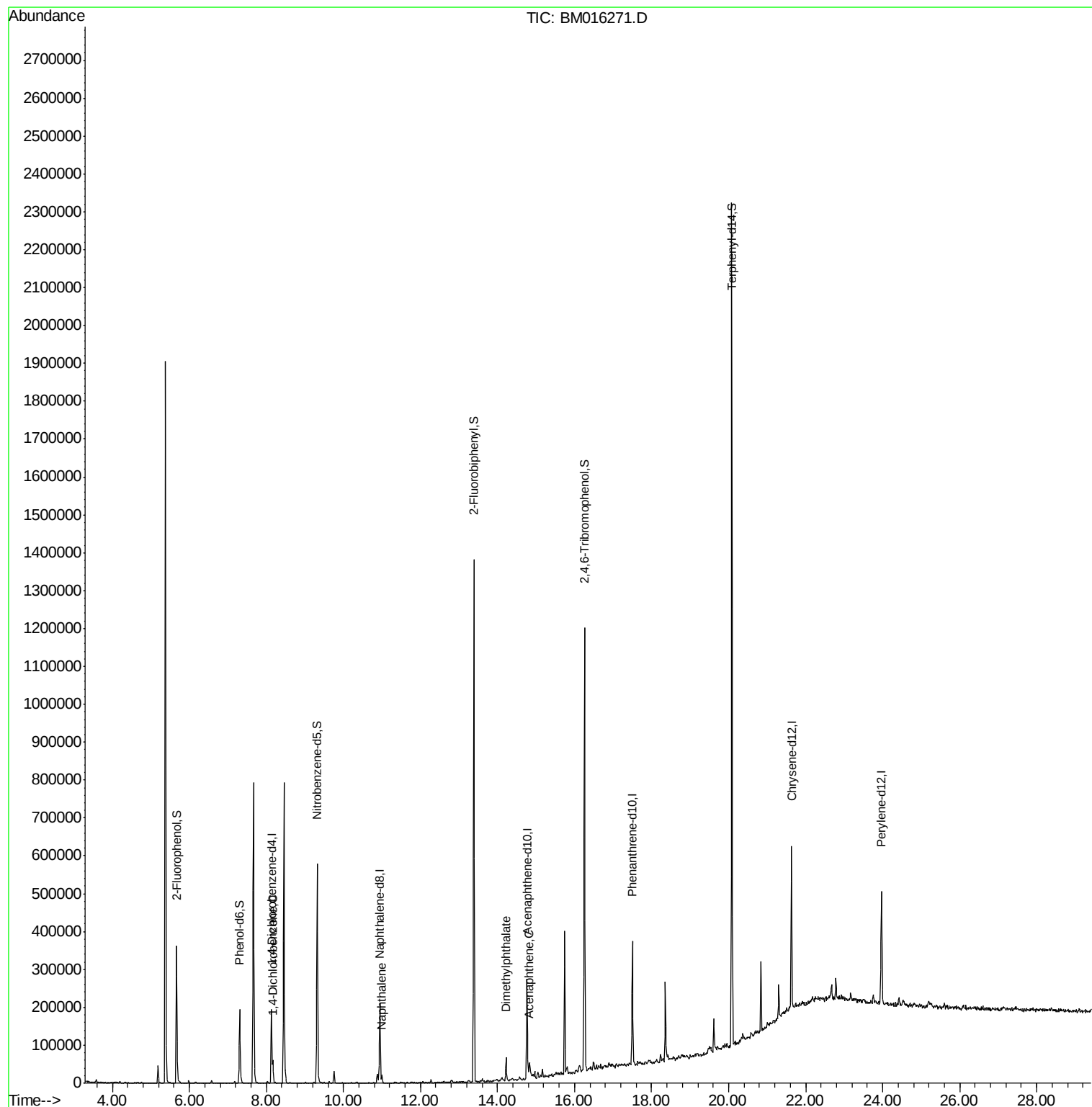
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39911	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	145311	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	72391	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	153032	20.00	ng	0.00
75) Chrysene-d12	21.63	240	164219	20.00	ng	0.00
86) Perylene-d12	23.97	264	176879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	120373	50.10	ng	0.00
7) Phenol-d6	7.30	99	83649	26.66	ng	0.00
23) Nitrobenzene-d5	9.32	82	286299	91.64	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	119233	129.86	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	525946	88.40	ng	0.00
78) Terphenyl-d14	20.09	244	776563	98.99	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	8.17	146	19080	5.628	ng	Qvalue # 90
31) Naphthalene	11.00	128	16673	2.267	ng	97
49) Dimethylphthalate	14.22	163	31962	5.045	ng	100
51) Acenaphthene	14.83	154	12555	2.744	ng	97

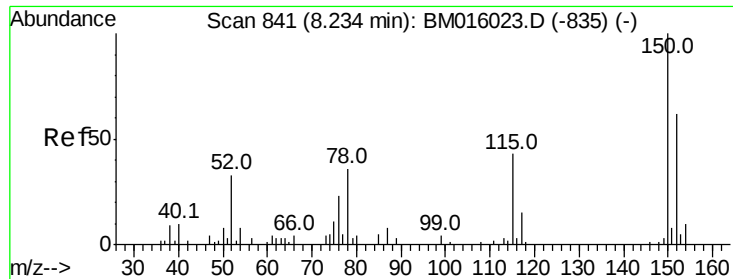
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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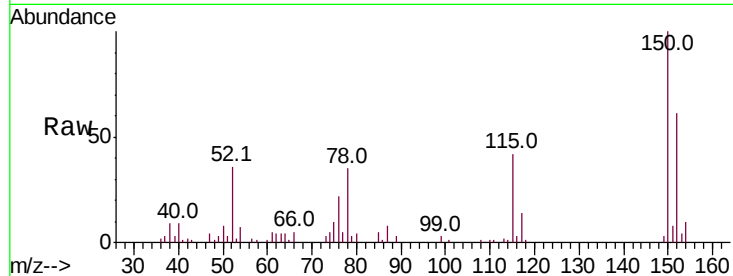


#1

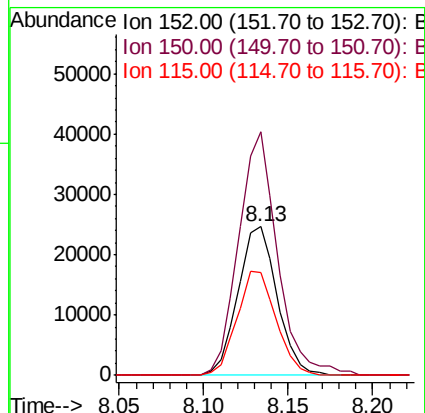
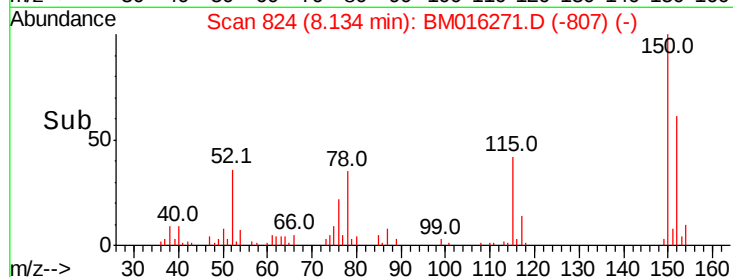
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016271.D
 Acq: 09 Aug 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Tot Ion:152 Resp: 39911
 Ion Ratio Lower Upper
 152 100
 150 163.9 119.5 179.3
 115 69.0 43.0 64.4#



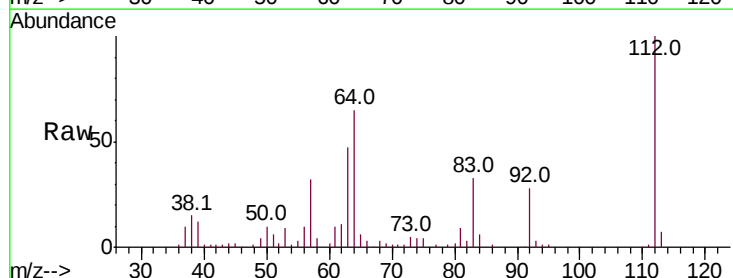
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



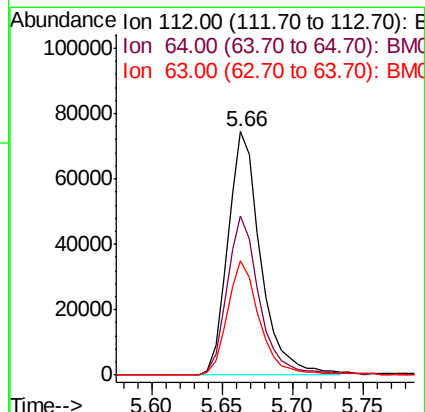
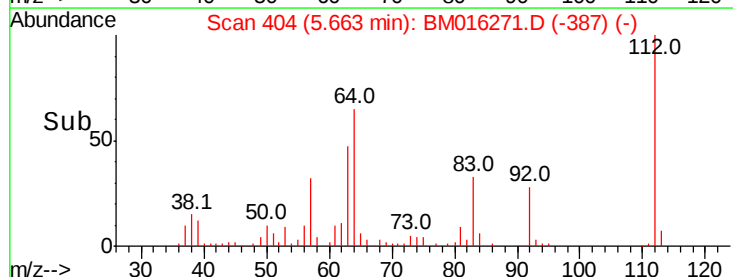
#5

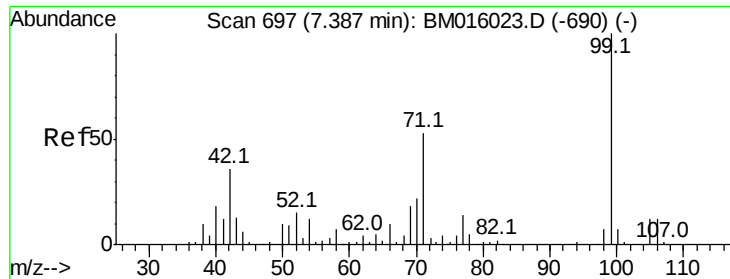
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016271.D
 Acq: 09 Aug 2018 05:51

Tgt Ion:112 Resp: 120373
 Ion Ratio Lower Upper
 112 100
 64 65.5 38.6 57.8#
 63 47.1 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: BM016271.D

Acq: 09 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

MW-23

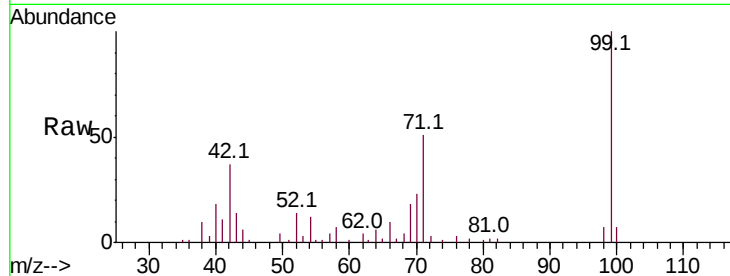
Tot Ion: 99 Resp: 83649

Ion Ratio Lower Upper

99 100

42 36.6 11.0 16.4#

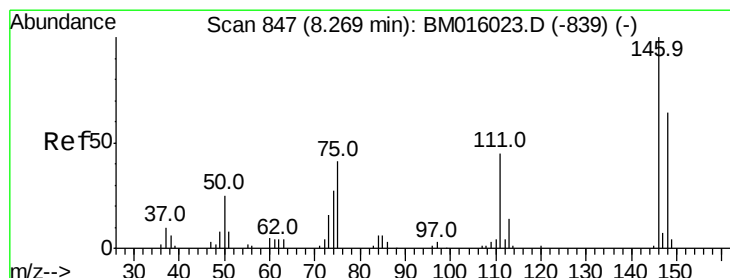
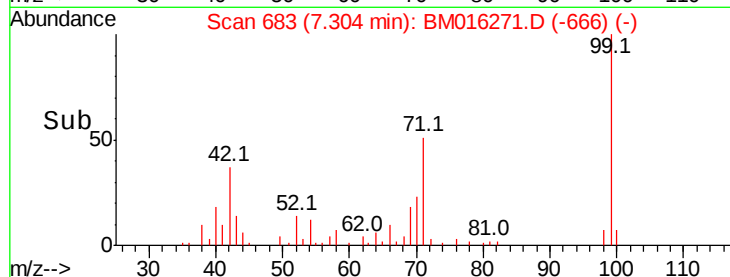
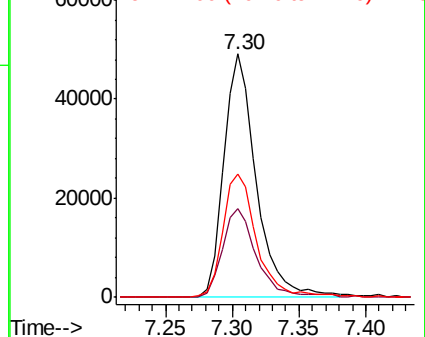
71 50.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016271.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016271.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016271.D (-666) (-)



#13

1,4-Dichlorobenzene

Concen: 5.628 ng

RT: 8.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM016271.D

Acq: 09 Aug 2018 05:51

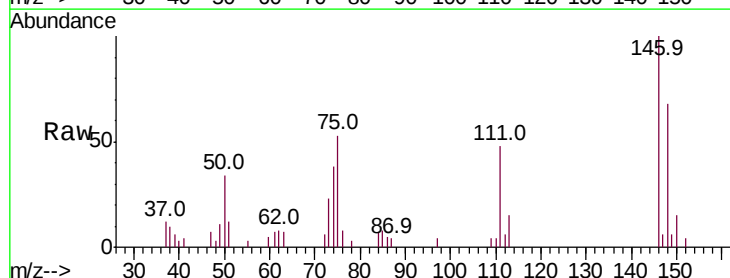
Tgt Ion: 146 Resp: 19080

Ion Ratio Lower Upper

146 100

148 67.9 51.9 77.9

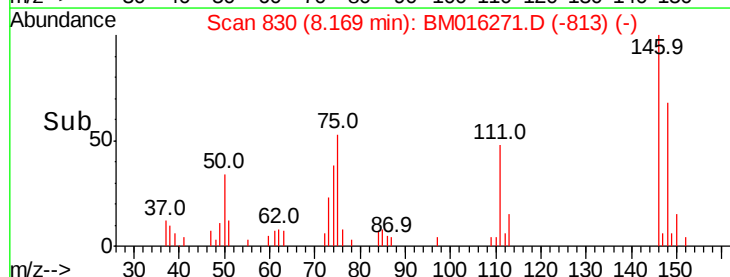
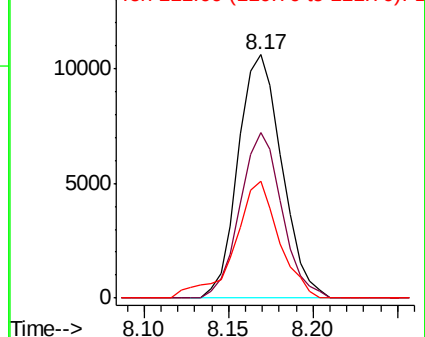
111 48.3 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): BM016271.D (-813) (-)

Ion 148.00 (147.70 to 148.70): BM016271.D (-813) (-)

Ion 111.00 (110.70 to 111.70): BM016271.D (-813) (-)

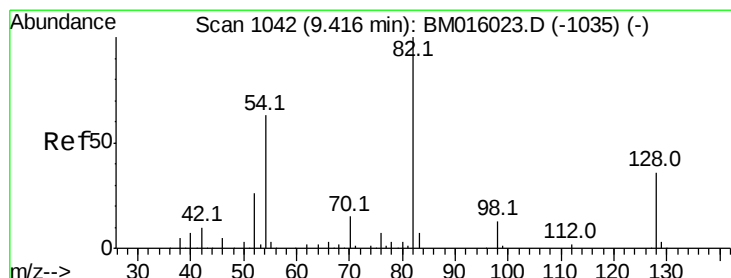
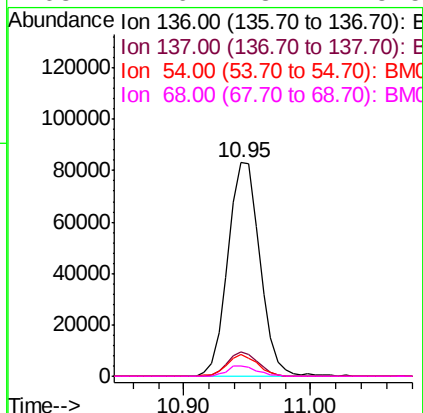
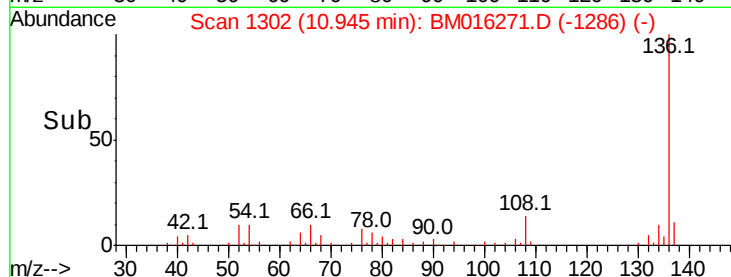
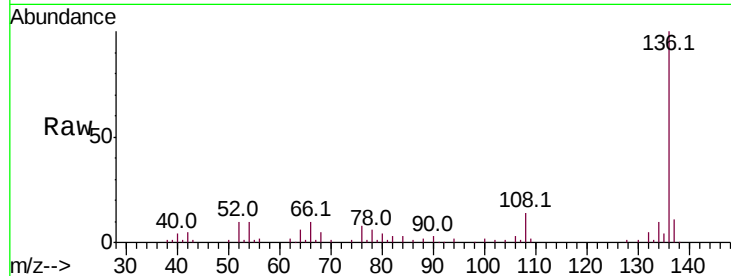




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016271.D
Acq: 09 Aug 2018 05:51

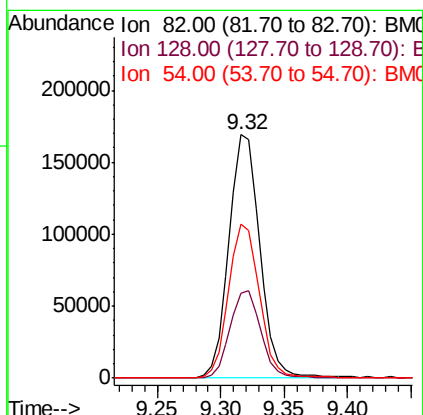
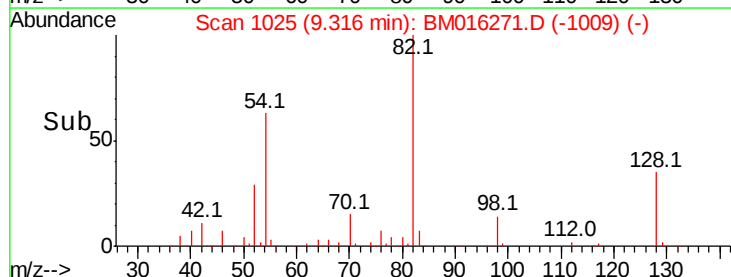
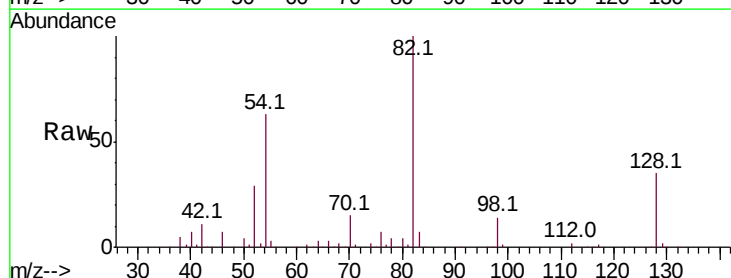
Instrument :
BNA_M
ClientSampleId :
MW-23

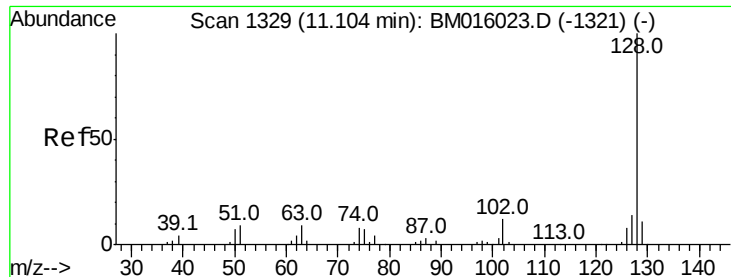
Tot Ion:136 Resp: 145311
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.0 4.6 6.8#
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016271.D
Acq: 09 Aug 2018 05:51

Tgt Ion: 82 Resp: 286299
Ion Ratio Lower Upper
82 100
128 35.0 32.8 49.2
54 63.2 40.6 60.8#

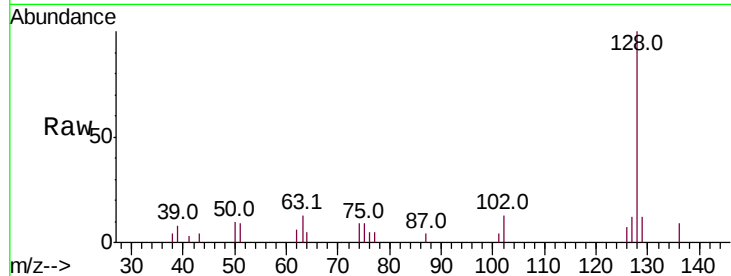




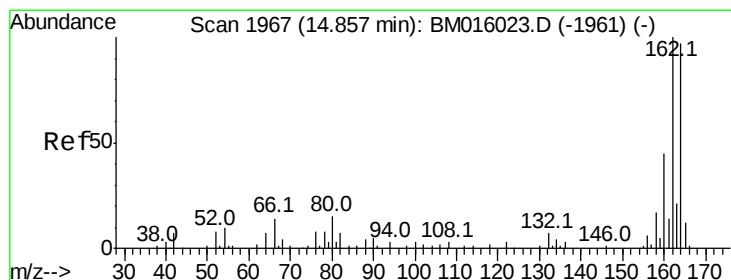
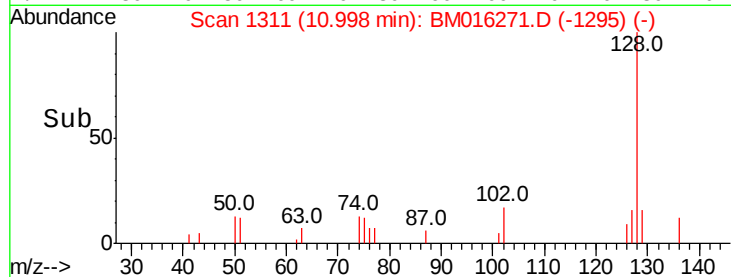
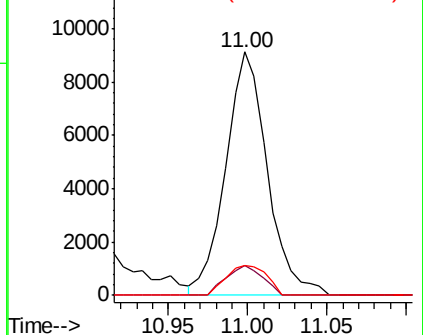
#31
Naphthalene
Concen: 2.267 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016271.D
Acq: 09 Aug 2018 05:51

Instrument :
BNA_M
ClientSampleId :
MW-23

Tot Ion:128 Resp: 16673
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 12.2 10.4 15.6

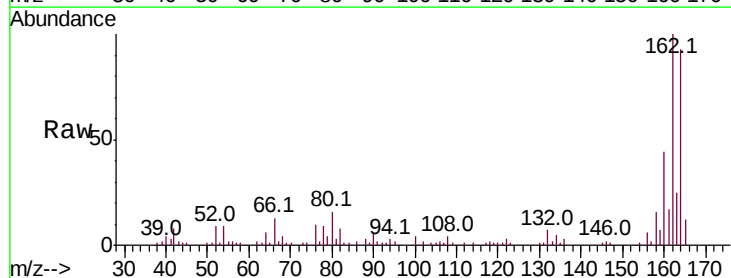


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

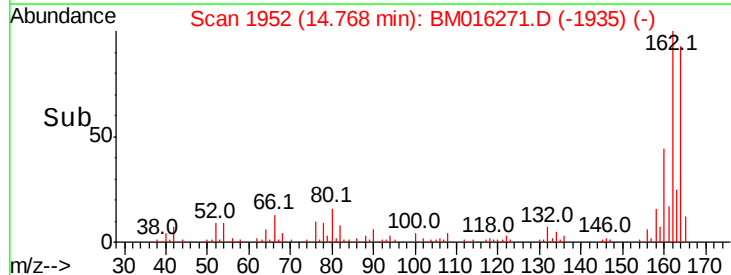
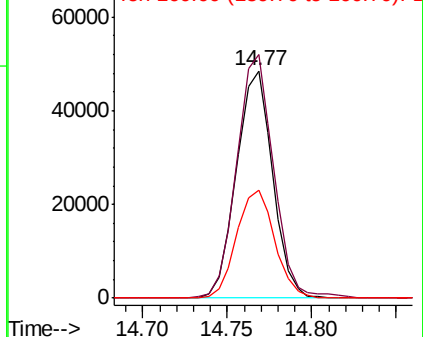


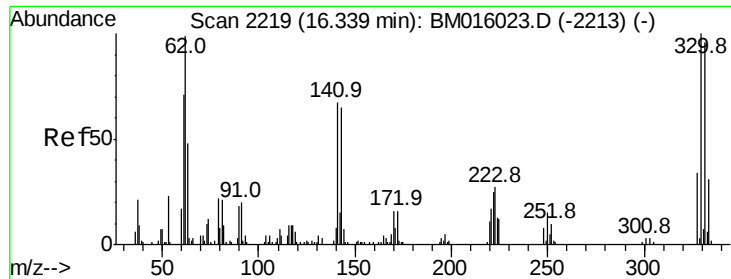
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016271.D
Acq: 09 Aug 2018 05:51

Tgt Ion:164 Resp: 72391
Ion Ratio Lower Upper
164 100
162 107.0 82.4 123.6
160 47.2 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

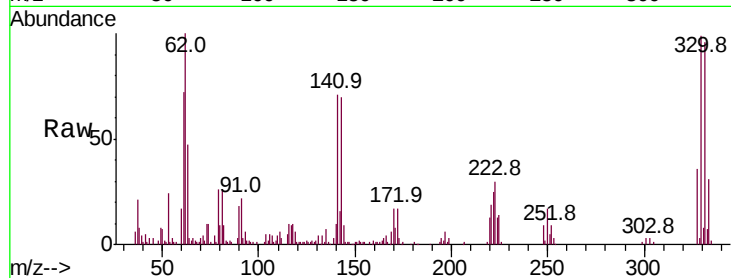




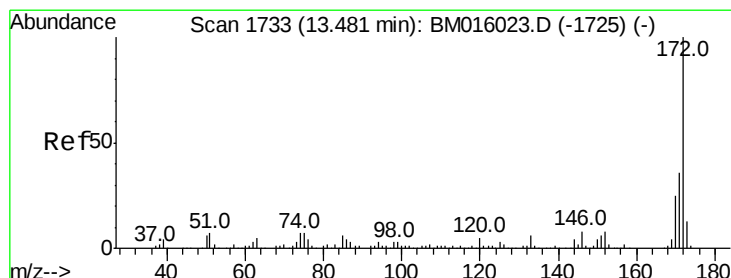
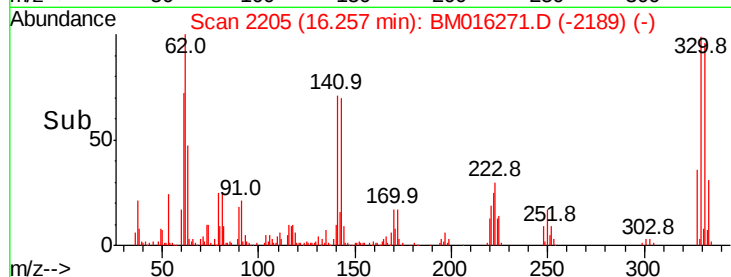
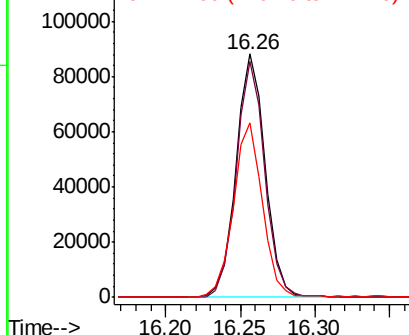
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016271.D
 Acq: 09 Aug 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	72.4	0.0	0.0#

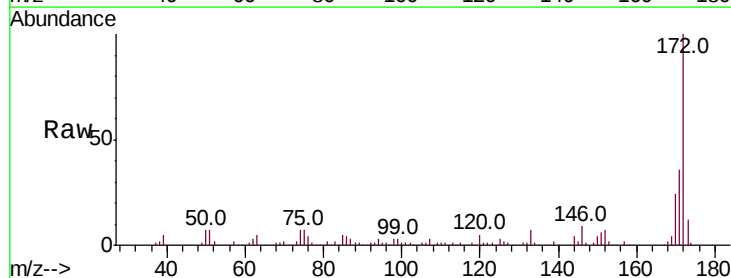


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

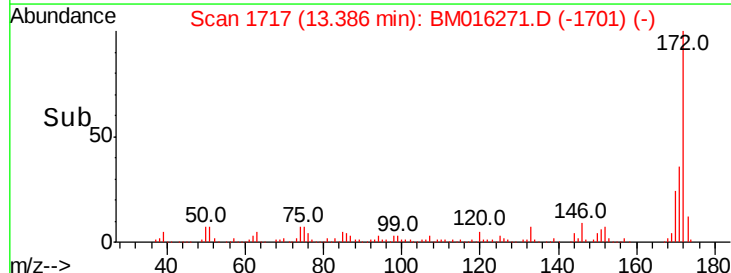
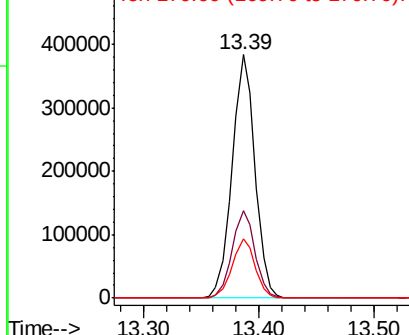


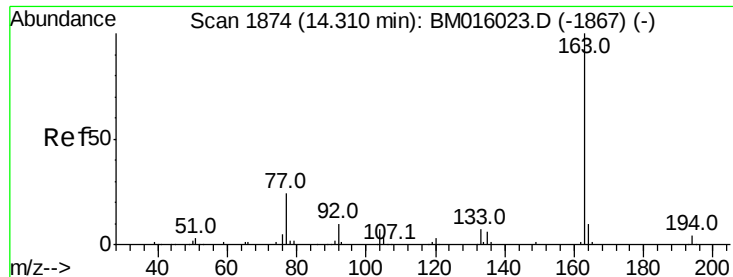
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016271.D
 Acq: 09 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.3	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: 5.045 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016271.D

Acq: 09 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

MW-23

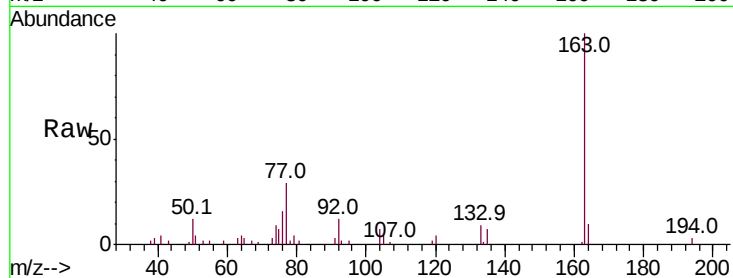
Tot Ion:163 Resp: 31962

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

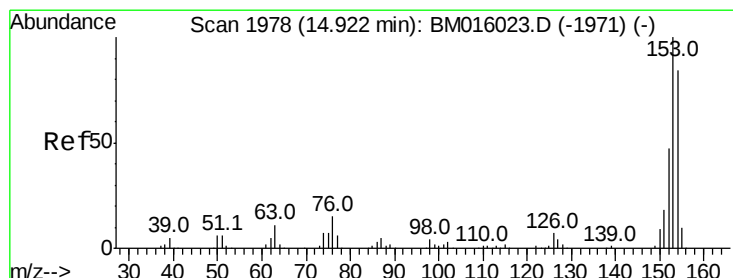
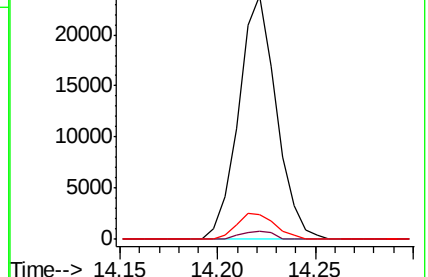
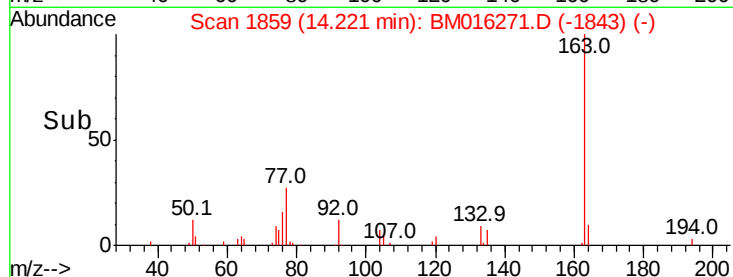
164 10.1 8.2 12.2



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: 2.744 ng

RT: 14.83 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM016271.D

Acq: 09 Aug 2018 05:51

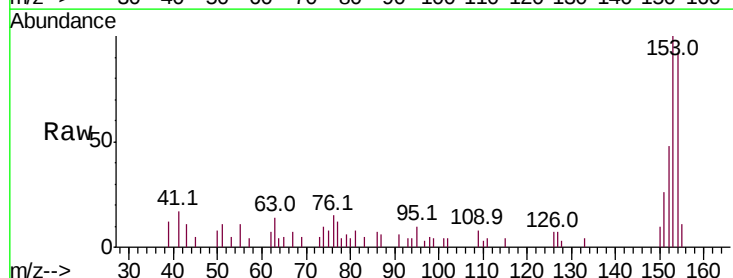
Tgt Ion:154 Resp: 12555

Ion Ratio Lower Upper

154 100

153 108.5 90.0 135.0

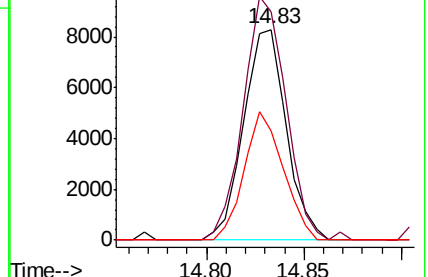
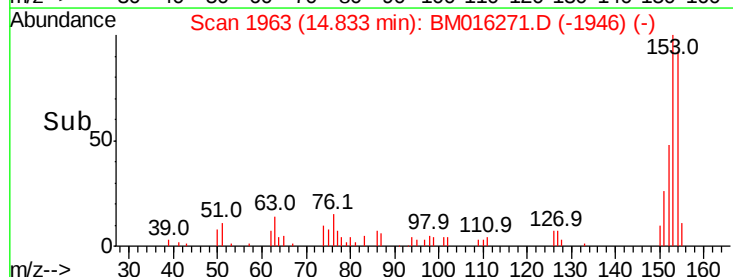
152 51.9 42.6 63.8

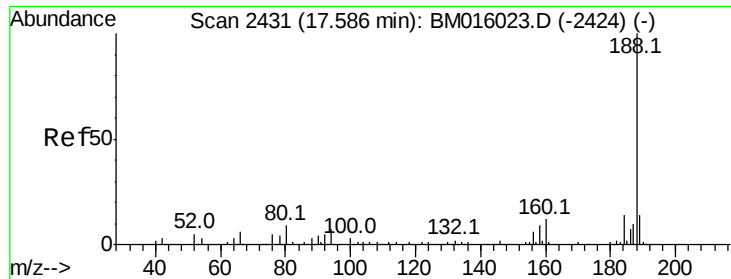


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

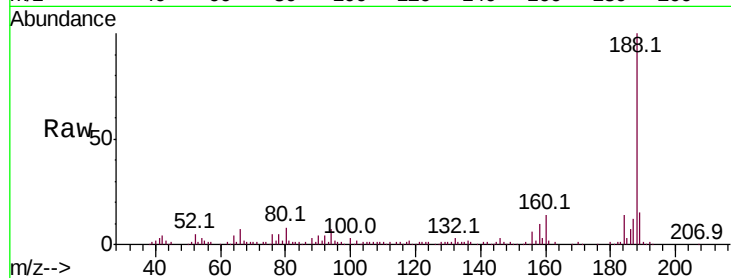




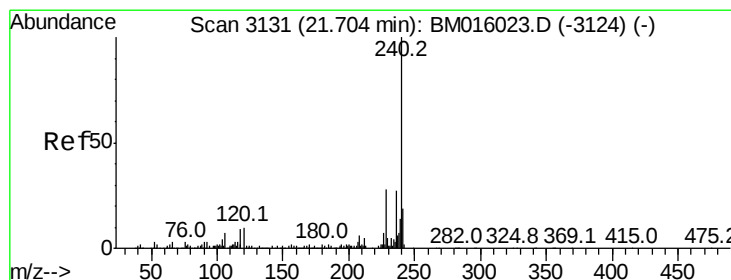
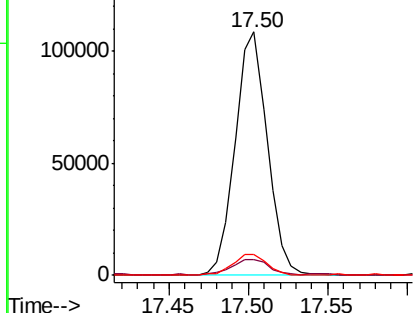
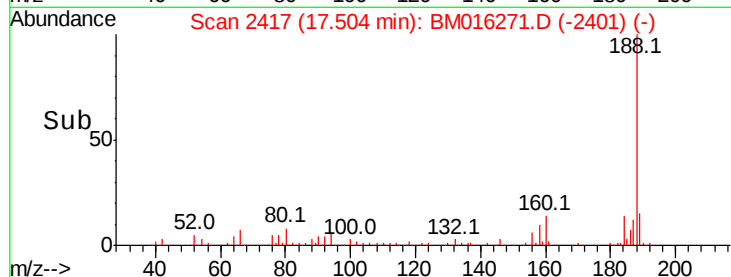
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016271.D
Acq: 09 Aug 2018 05:51

Instrument :
BNA_M
ClientSampleId :
MW-23

Tot Ion:188 Resp: 153032
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 8.4 9.3 13.9#

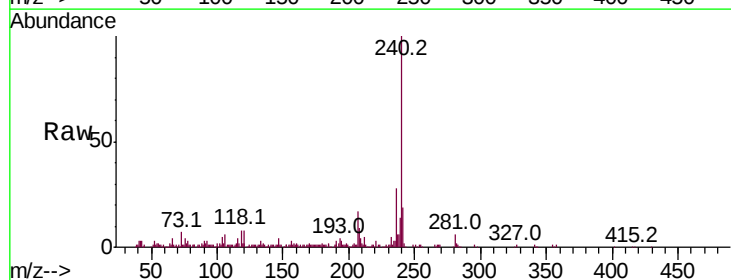


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

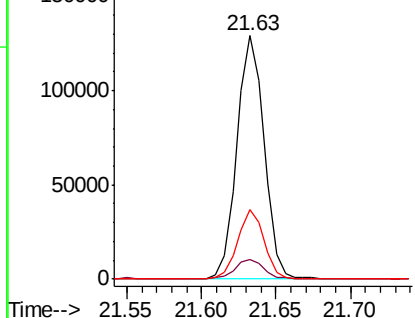
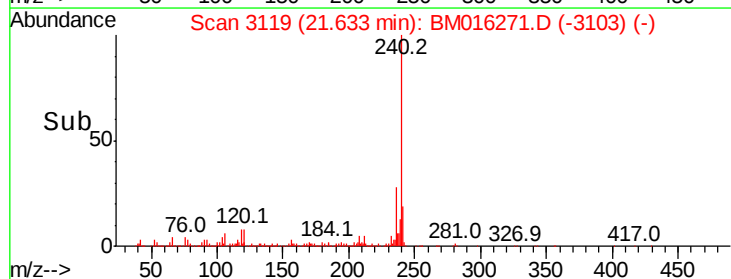


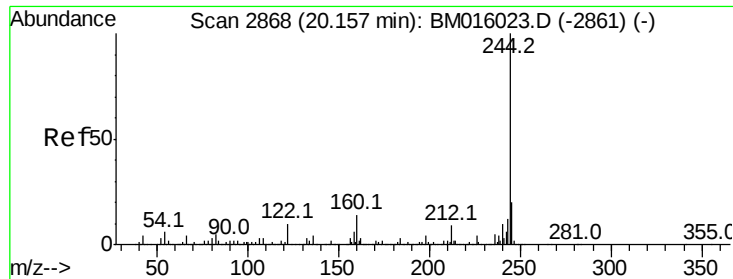
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016271.D
Acq: 09 Aug 2018 05:51

Tgt Ion:240 Resp: 164219
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 28.4 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

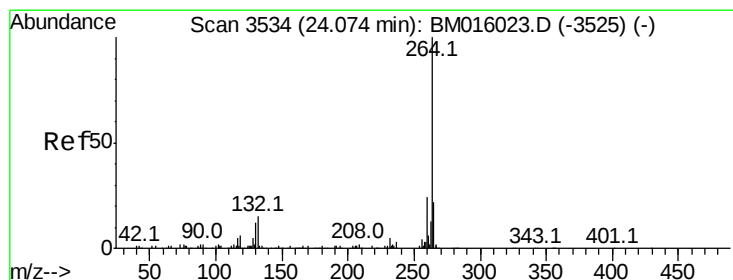
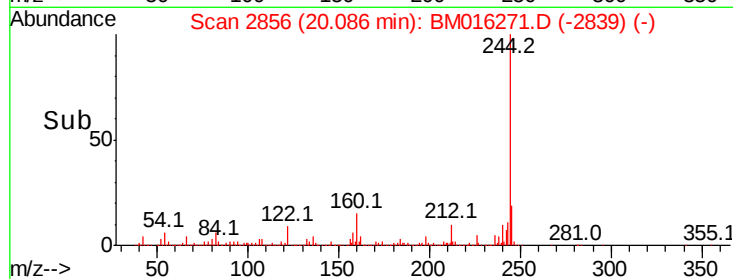
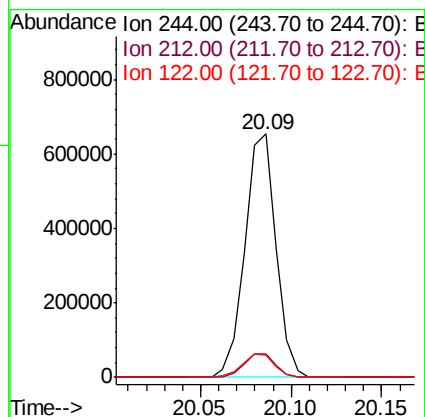
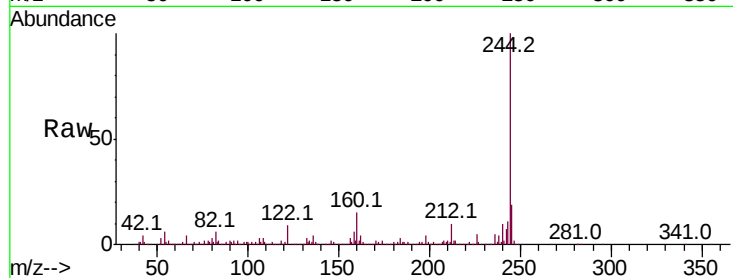




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.09 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM016271.D
 Acq: 09 Aug 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	9.0	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3516
 Delta R.T. -0.01 min
 Lab File: BM016271.D
 Acq: 09 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.6	17.3	25.9

