

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016285.D
 Acq On : 09 Aug 2018 17:17
 Operator : SJ/JU
 Sample : J4369-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-27

Quant Time: Aug 10 06:50:38 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

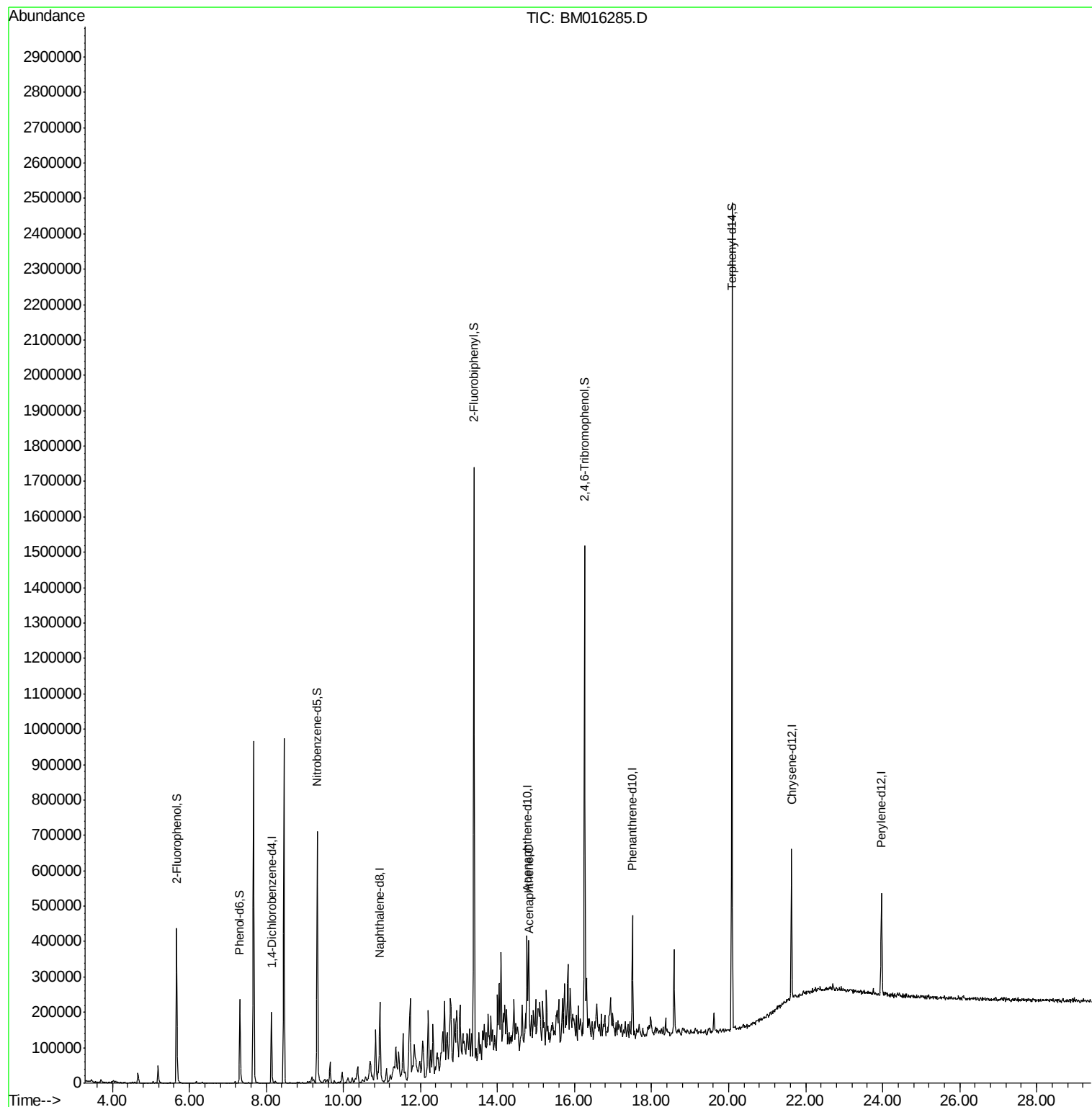
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41360	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	147153	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	83137	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	152165	20.00	ng	0.00
75) Chrysene-d12	21.63	240	152991	20.00	ng	0.00
86) Perylene-d12	23.97	264	169751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	148992	59.84	ng	0.00
7) Phenol-d6	7.31	99	102399	31.49	ng	0.00
23) Nitrobenzene-d5	9.32	82	341038	107.79	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	139627	132.42	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	661713	96.84	ng	0.00
78) Terphenyl-d14	20.09	244	792165	108.39	ng	0.00
Target Compounds						
51) Acenaphthene	14.83	154	13319	2.535	ng	Qvalue 98

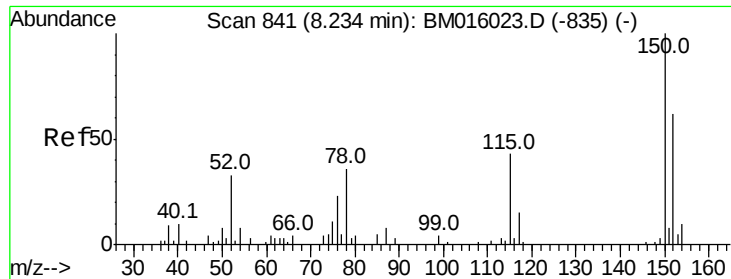
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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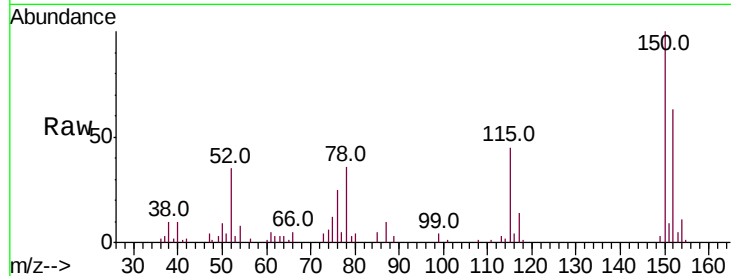


#1

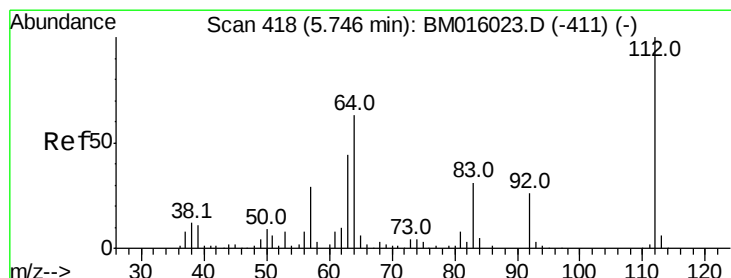
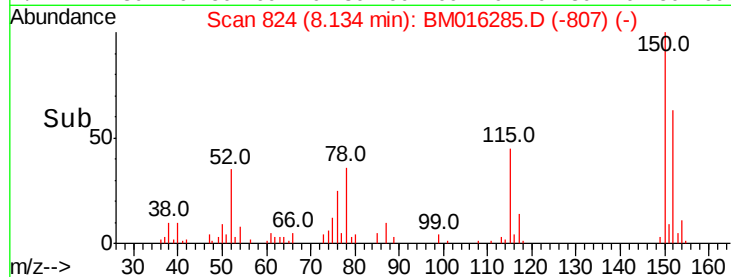
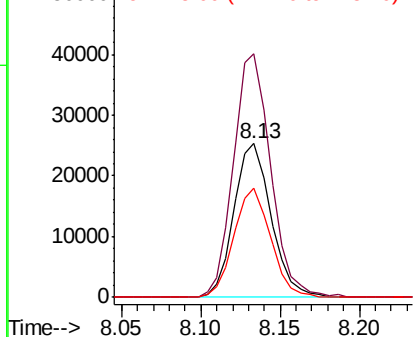
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016285.D
Acq: 09 Aug 2018 17:17

Instrument :
BNA_M
ClientSampleId :
MW-27

Tot Ion:152 Resp: 41360
Ion Ratio Lower Upper
152 100
150 158.6 119.5 179.3
115 71.3 43.0 64.4#



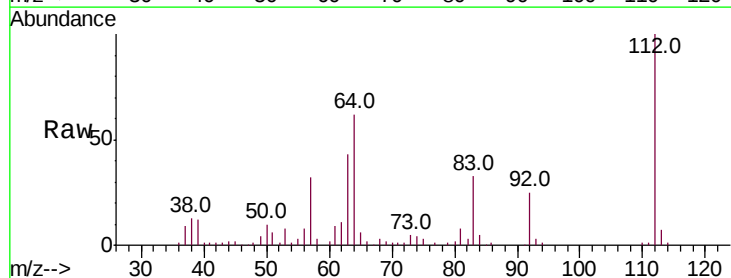
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



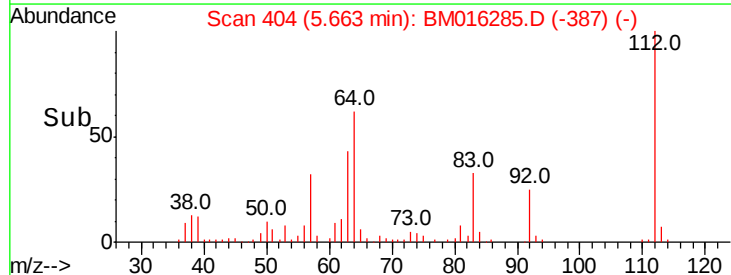
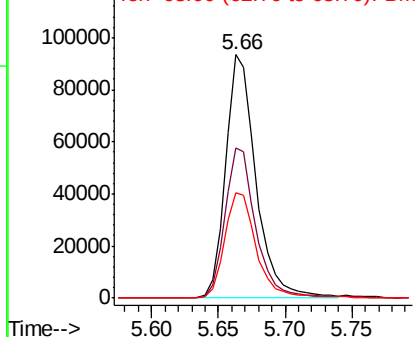
#5

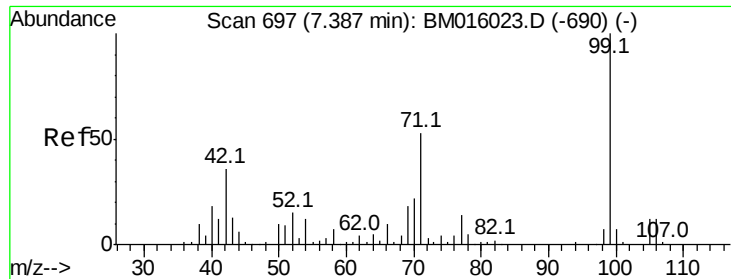
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016285.D
Acq: 09 Aug 2018 17:17

Tgt Ion:112 Resp: 148992
Ion Ratio Lower Upper
112 100
64 61.6 38.6 57.8#
63 43.4 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: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016285.D

Acq: 09 Aug 2018 17:17

Instrument :

BNA_M

ClientSampleId :

MW-27

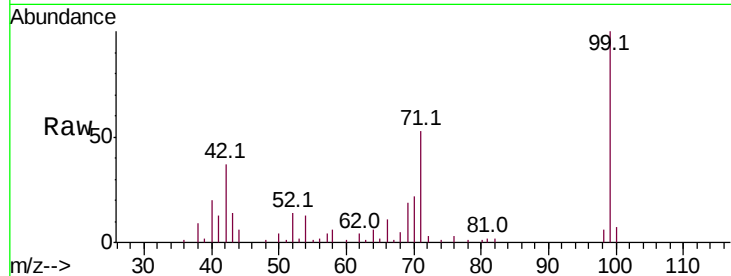
Tot Ion: 99 Resp: 102399

Ion Ratio Lower Upper

99 100

42 36.5 11.0 16.4#

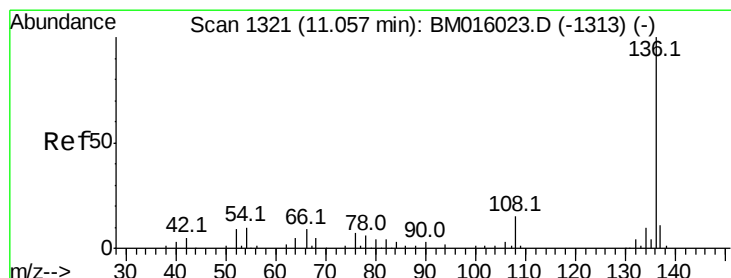
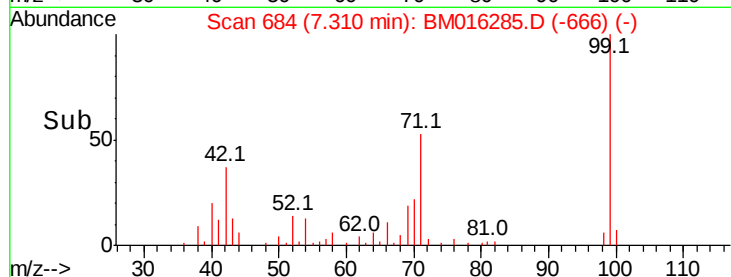
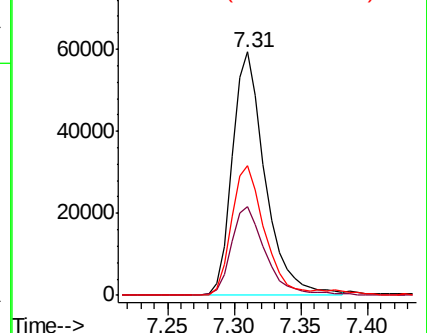
71 53.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016285.D

Acq: 09 Aug 2018 17:17

Tgt Ion: 136 Resp: 147153

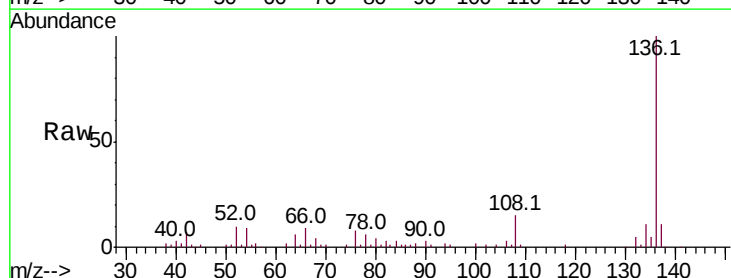
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.1 4.6 6.8#

68 3.9 3.7 5.5

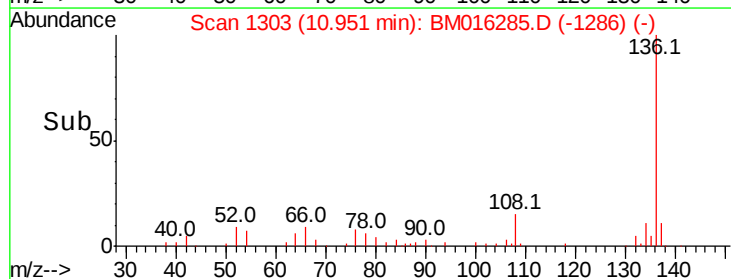
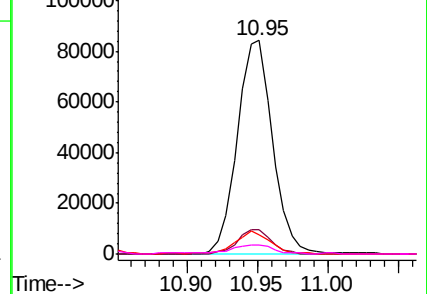


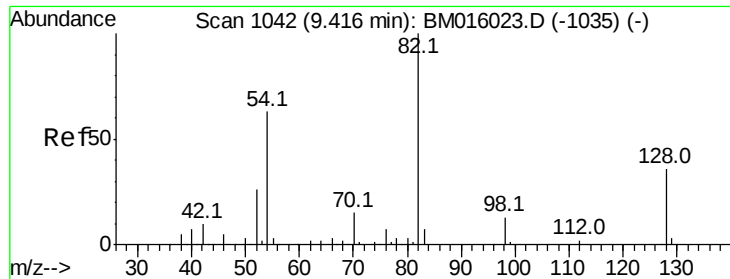
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

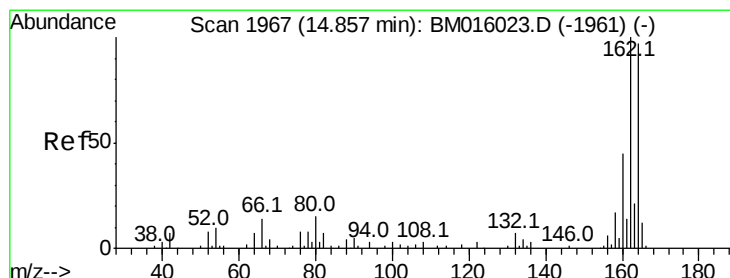
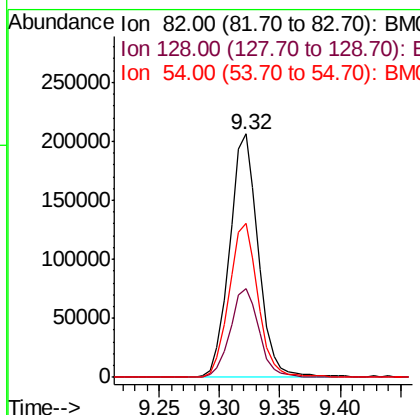
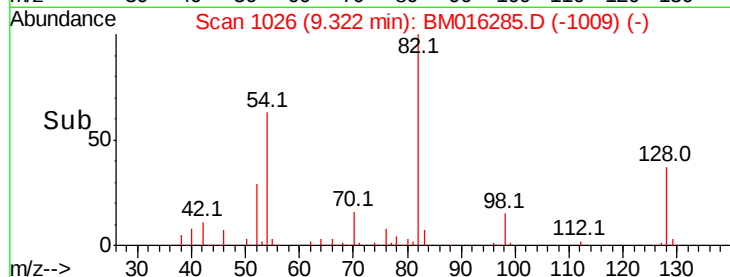
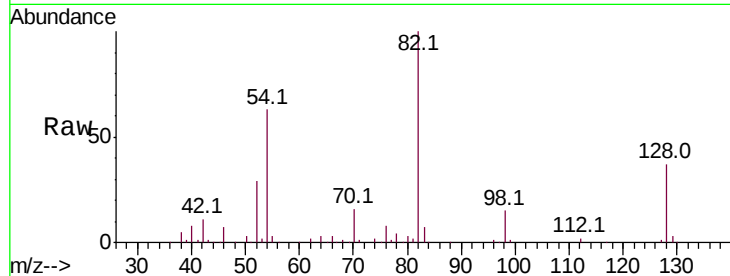




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016285.D
 Acq: 09 Aug 2018 17:17

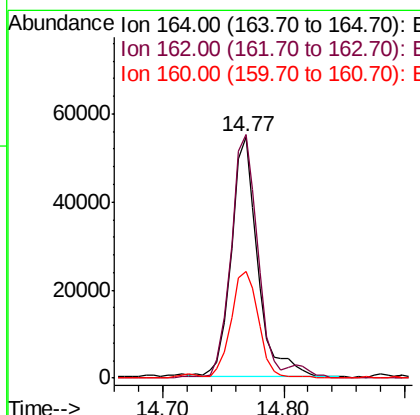
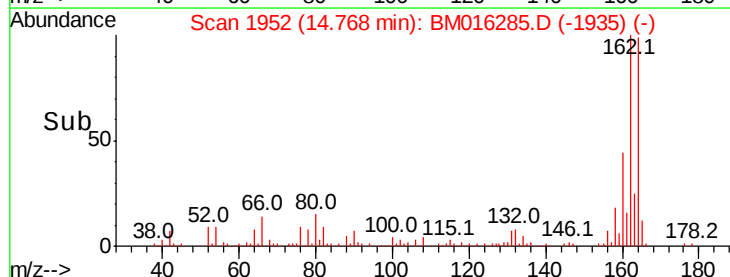
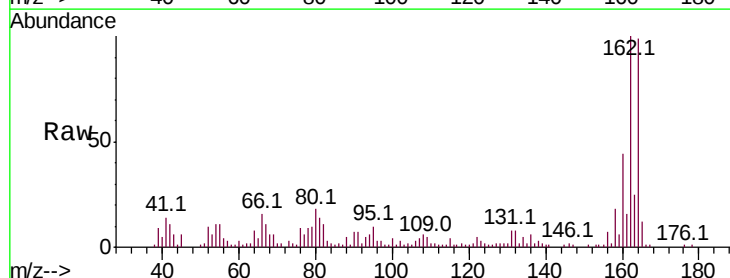
Instrument :
 BNA_M
 ClientSampled :
 MW-27

Tot Ion: 82 Resp: 341038
 Ion Ratio Lower Upper
 82 100
 128 36.6 32.8 49.2
 54 63.3 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: BM016285.D
 Acq: 09 Aug 2018 17:17

Tgt Ion:164 Resp: 83137
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.4 123.6
 160 44.4 35.8 53.6

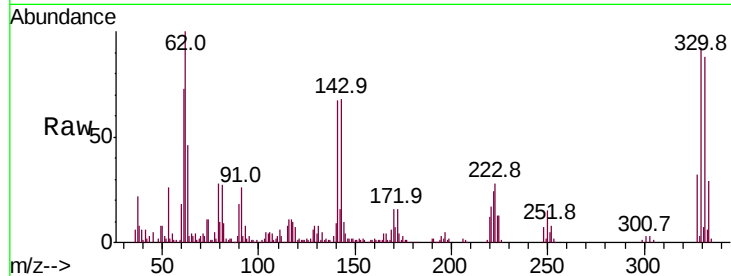




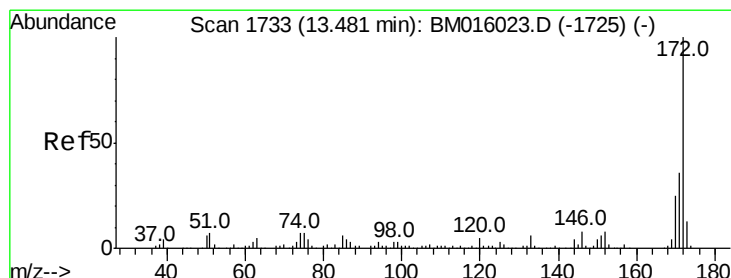
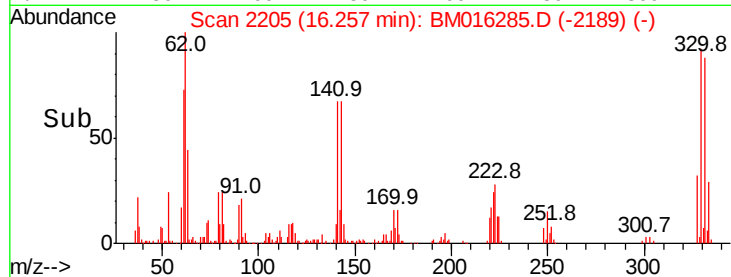
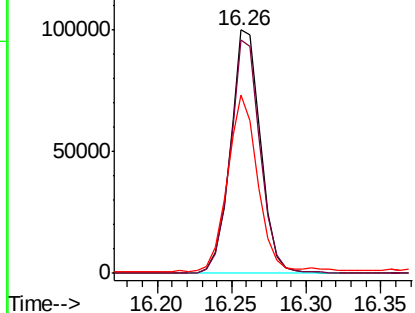
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016285.D
 Acq: 09 Aug 2018 17:17

Instrument :
 BNA_M
 ClientSampled :
 MW-27

Tot Ion:330 Resp: 139627
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 73.9 0.0 0.0#

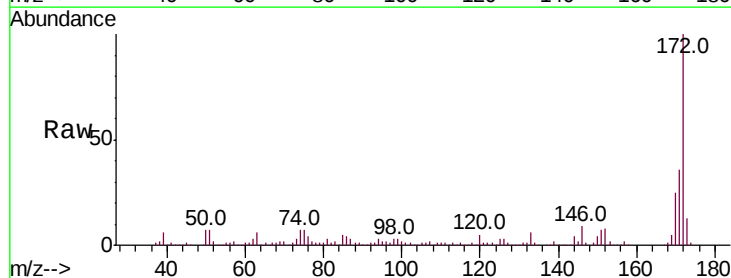


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

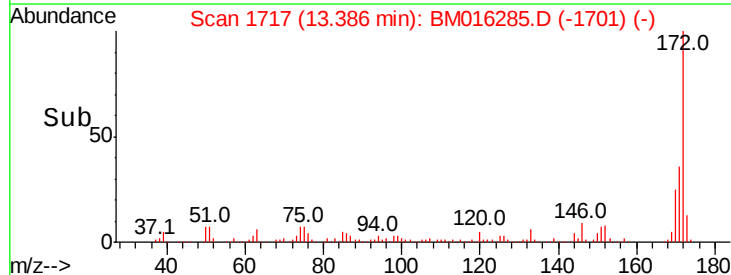
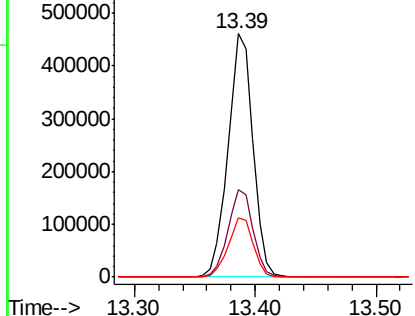


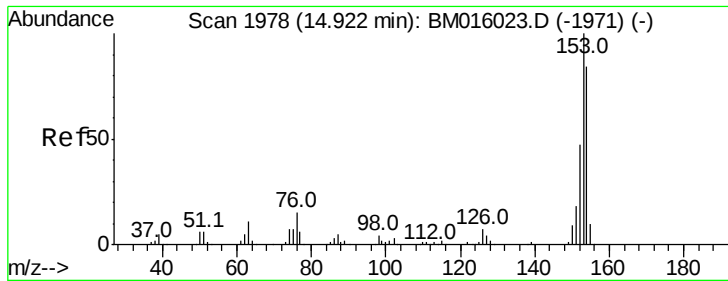
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016285.D
 Acq: 09 Aug 2018 17:17

Tgt Ion:172 Resp: 661713
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.6 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





#51

Acenaphthene

Concen: 2.535 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM016285.D

Acq: 09 Aug 2018 17:17

Instrument :

BNA_M

ClientSampled :

MW-27

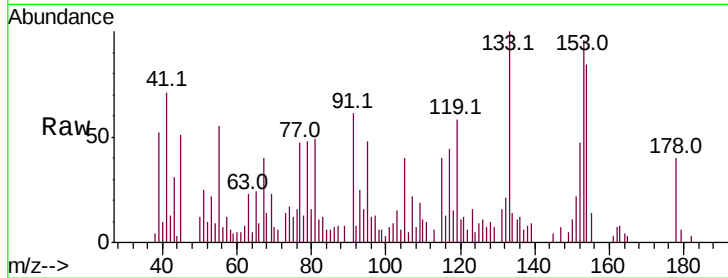
Tot Ion:154 Resp: 13319

Ion Ratio Lower Upper

154 100

153 113.9 90.0 135.0

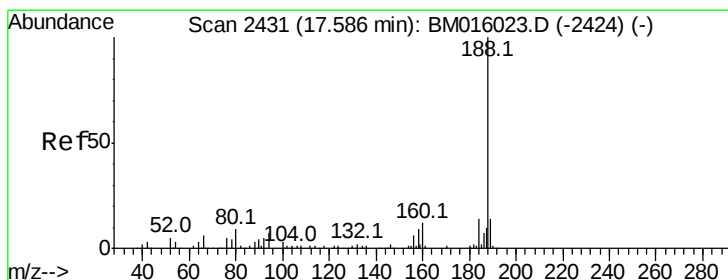
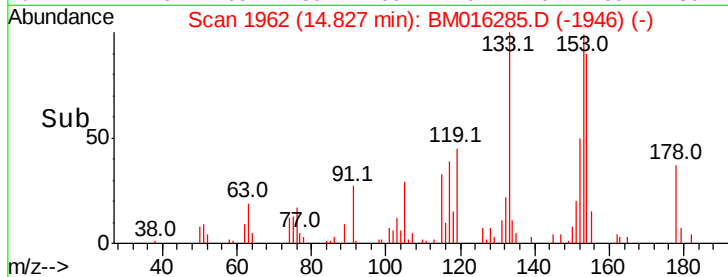
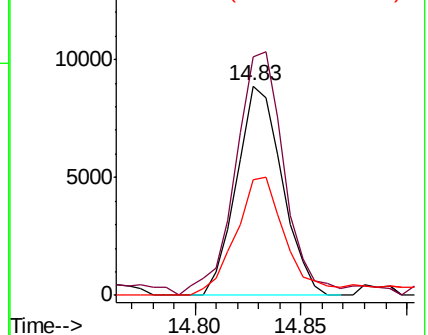
152 55.6 42.6 63.8



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: BM016285.D

Acq: 09 Aug 2018 17:17

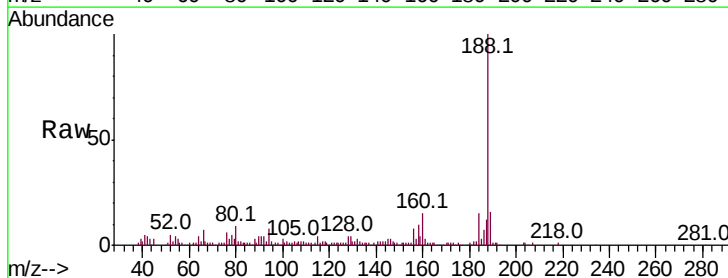
Tgt Ion:188 Resp: 152165

Ion Ratio Lower Upper

188 100

94 7.9 8.7 13.1#

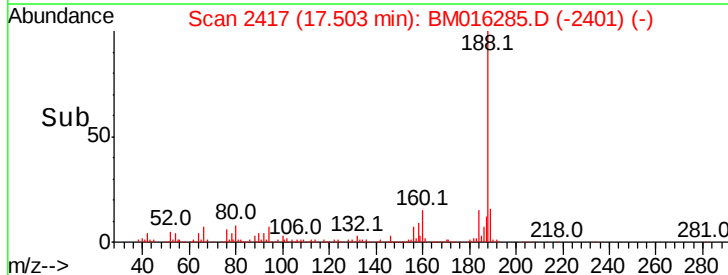
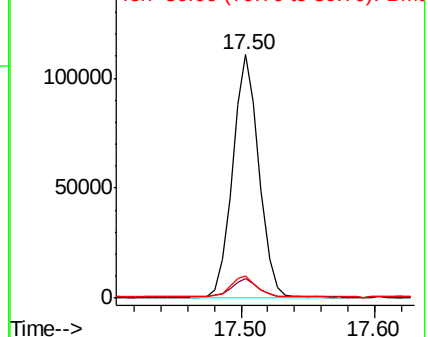
80 8.9 9.3 13.9#



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

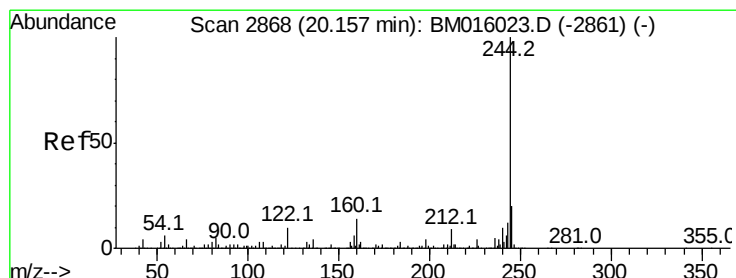
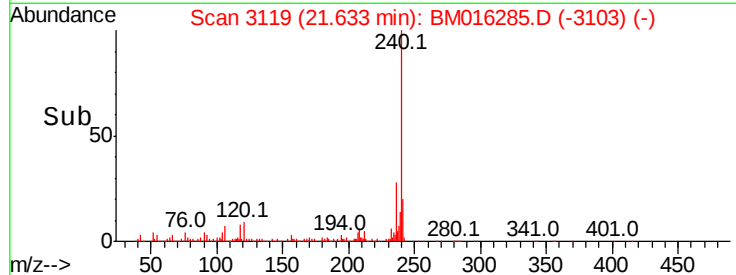
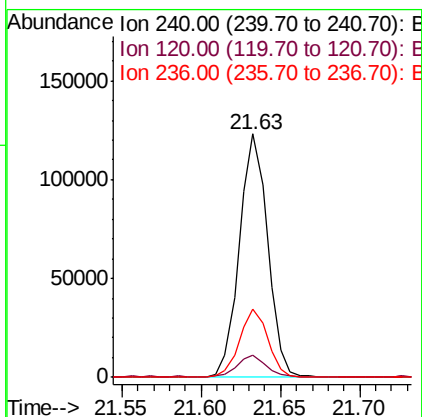
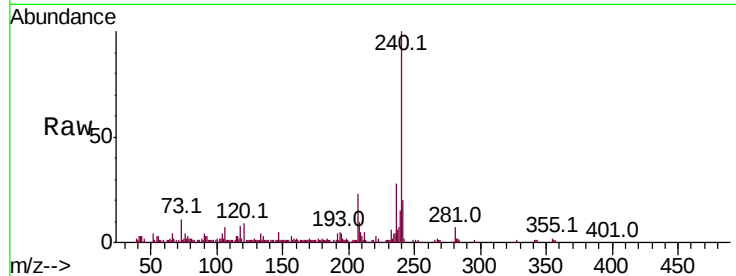




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016285.D
Acq: 09 Aug 2018 17:17

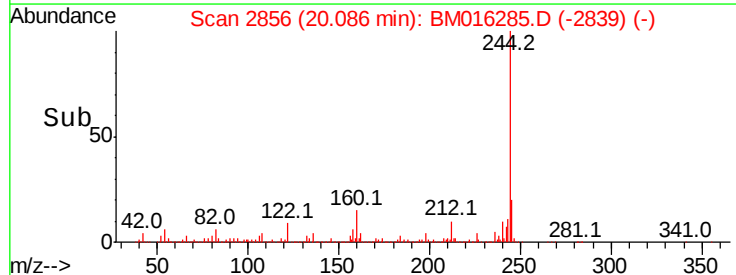
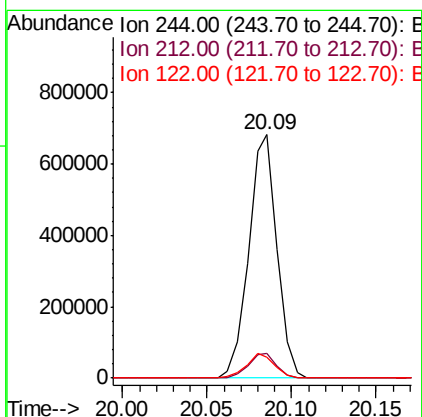
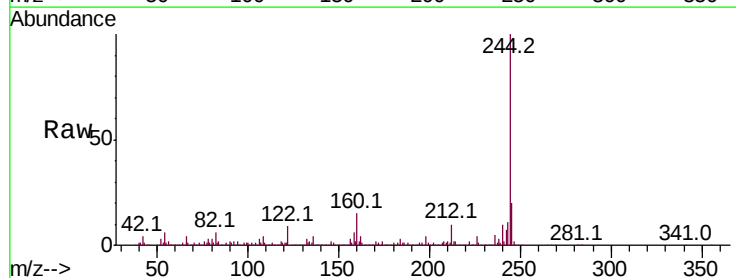
Instrument :
BNA_M
ClientSampleId :
MW-27

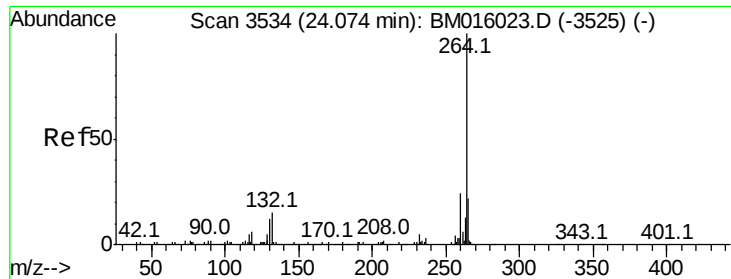
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	28.2	20.0	30.0



#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016285.D
Acq: 09 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	8.8	6.2	9.4

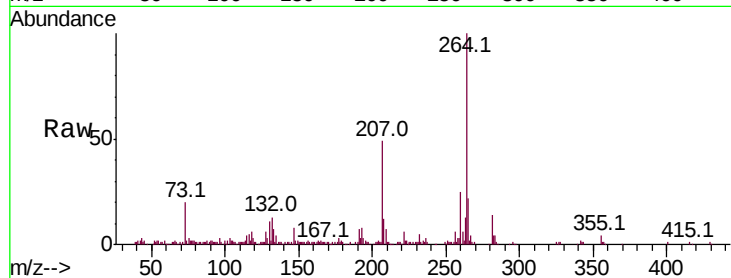




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3517
 Delta R.T. 0.00 min
 Lab File: BM016285.D
 Acq: 09 Aug 2018 17:17

Instrument :
 BNA_M
 ClientSampleId :
 MW-27

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.6	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

