

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016289.D
 Acq On : 09 Aug 2018 19:44
 Operator : SJ/JU
 Sample : J4380-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-37

Quant Time: Aug 10 07:15:19 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

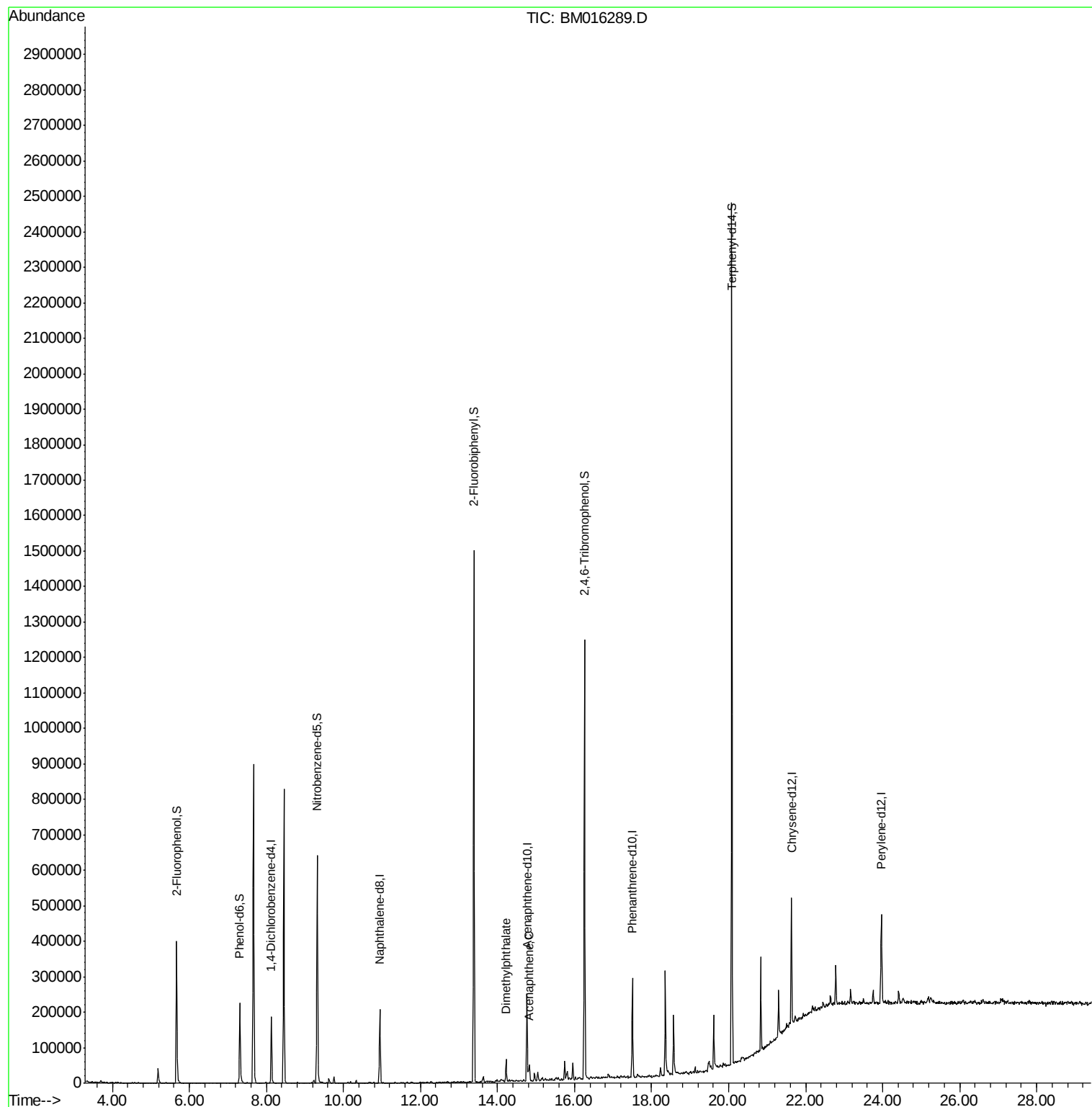
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39326	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	140221	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	67644	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	132790	20.00	ng	0.00
75) Chrysene-d12	21.63	240	135064	20.00	ng	0.00
86) Perylene-d12	23.97	264	148943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	139041	58.73	ng	0.00
7) Phenol-d6	7.31	99	99174	32.08	ng	0.00
23) Nitrobenzene-d5	9.32	82	316878	105.11	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	119438	139.21	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	566386	101.88	ng	0.00
78) Terphenyl-d14	20.08	244	798102	123.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	33190	5.607	ng	99
51) Acenaphthene	14.83	154	13770	3.221	ng	94

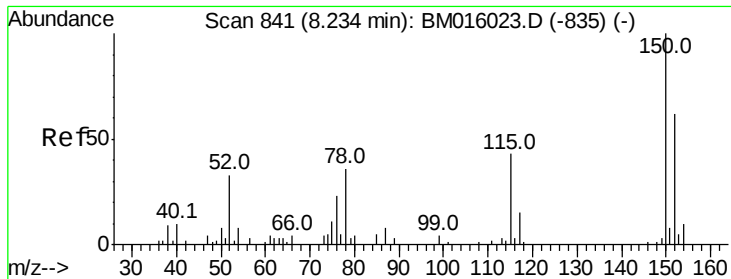
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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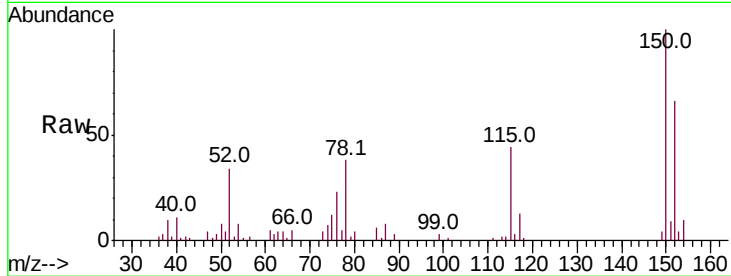


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM016289.D
 Acq: 09 Aug 2018 19:44

Instrument :
 BNA_M
 ClientSampleId :
 MW-37

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	66.8	43.0	64.4#

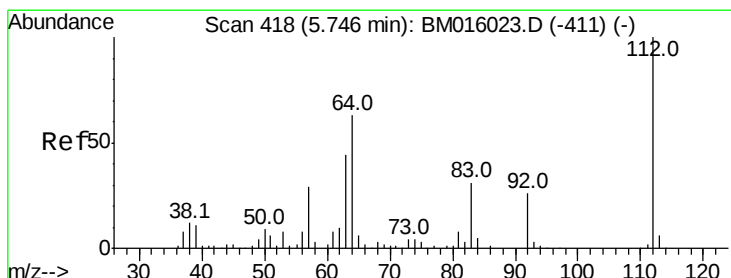
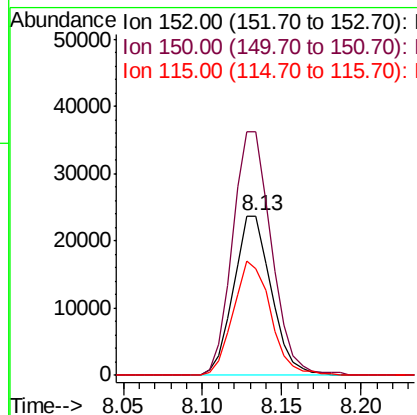
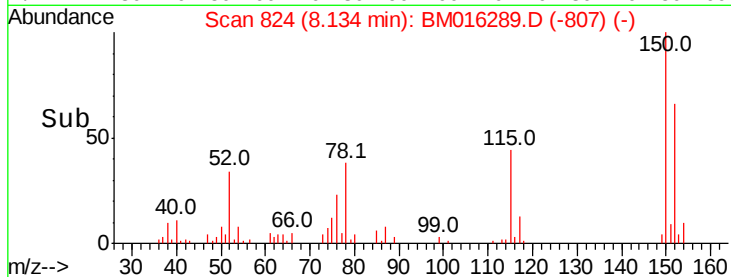


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

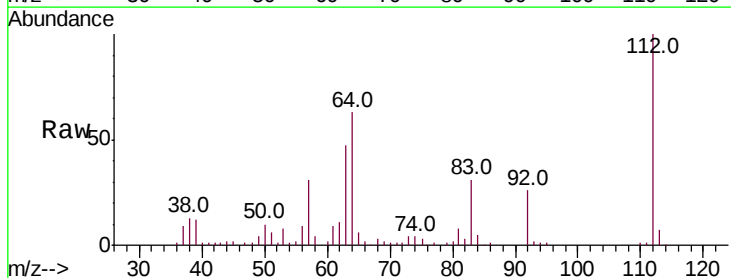
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016289.D
 Acq: 09 Aug 2018 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8#
63	47.0	19.3	28.9#

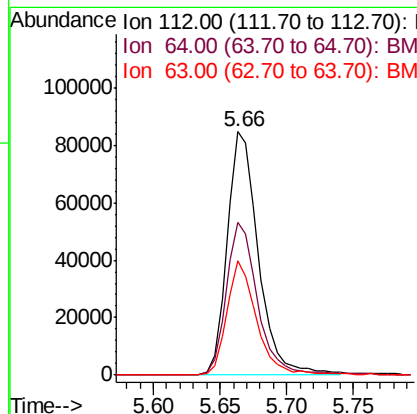
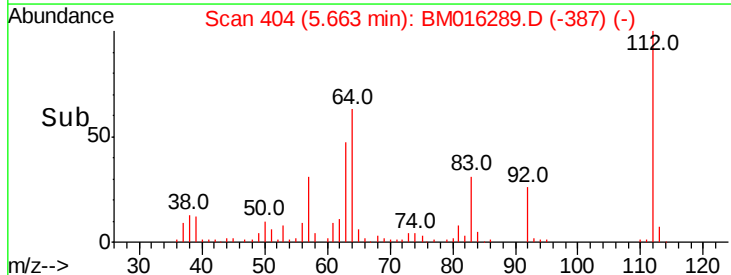


Abundance

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: BM016289.D

Acq: 09 Aug 2018 19:44

Instrument :

BNA_M

ClientSampleId :

MW-37

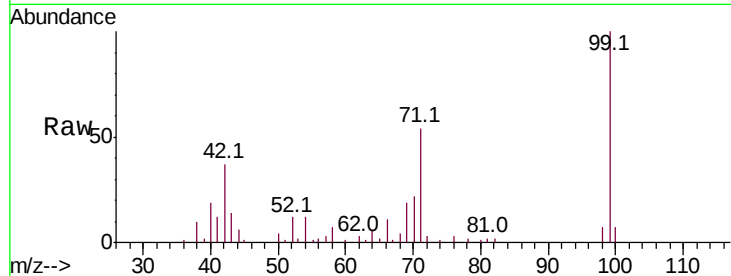
Tot Ion: 99 Resp: 99174

Ion Ratio Lower Upper

99 100

42 37.4 11.0 16.4#

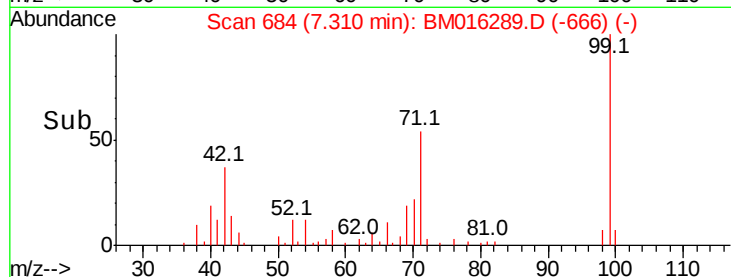
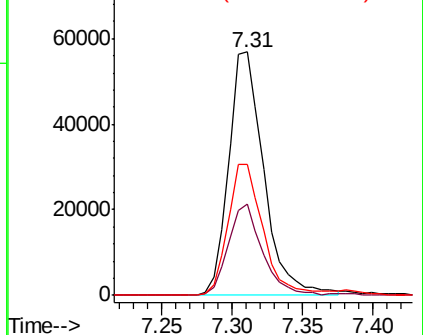
71 53.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016289.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016289.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016289.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016289.D

Acq: 09 Aug 2018 19:44

Tgt Ion: 136 Resp: 140221

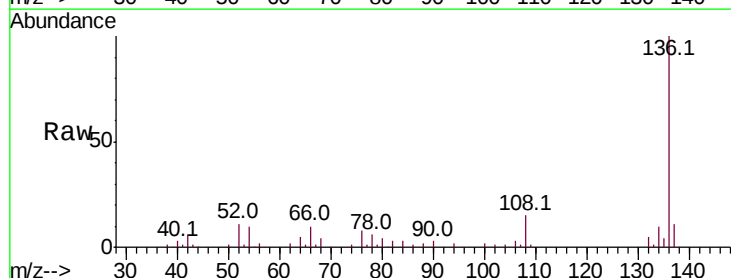
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.5 4.6 6.8#

68 4.1 3.7 5.5

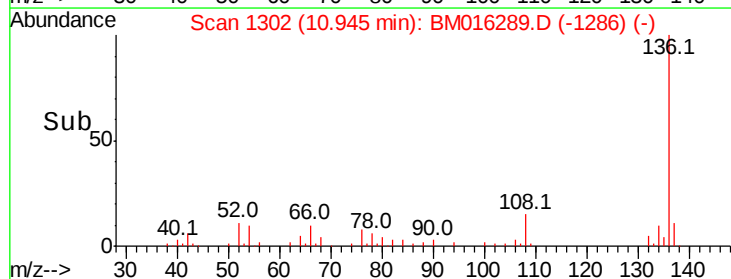
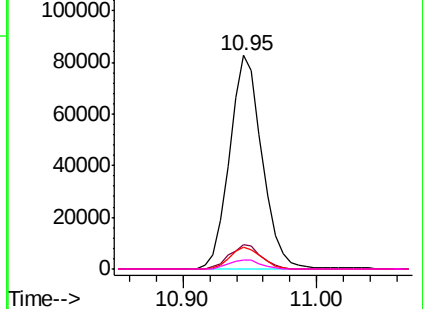


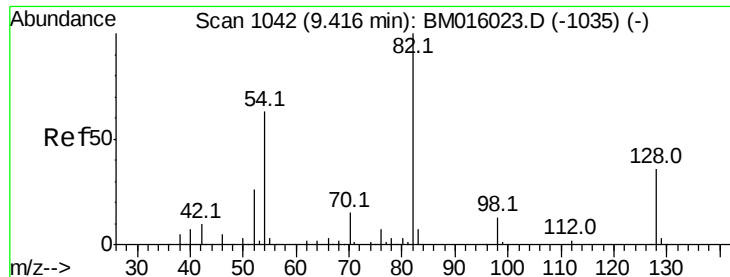
Abundance Ion 136.00 (135.70 to 136.70): BM016289.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016289.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016289.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016289.D (-1286) (-)

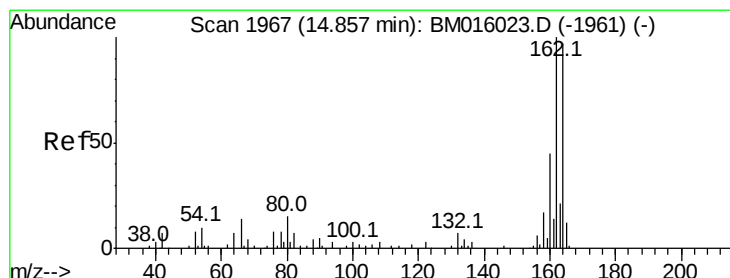
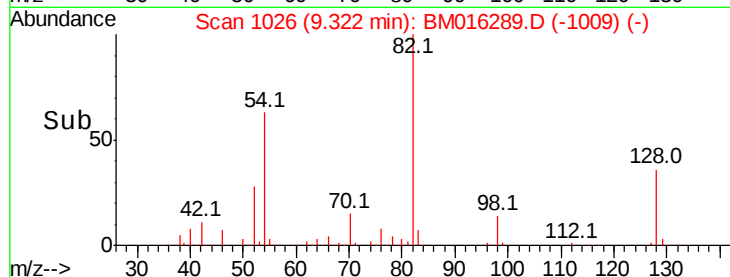
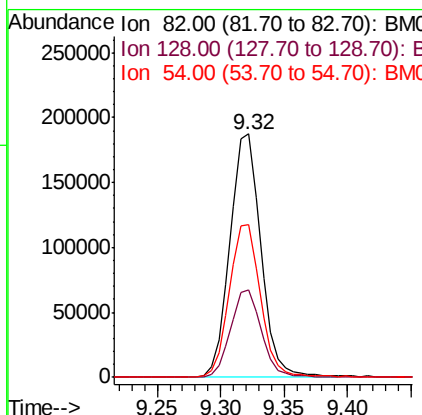
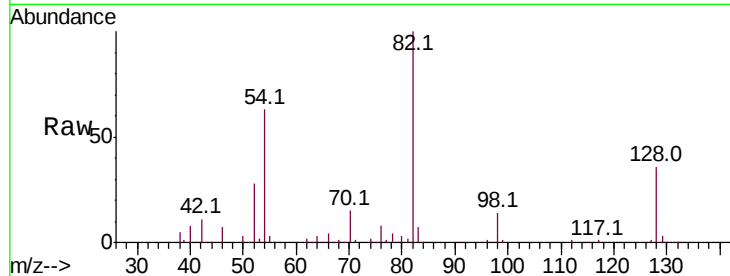




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016289.D
Acq: 09 Aug 2018 19:44

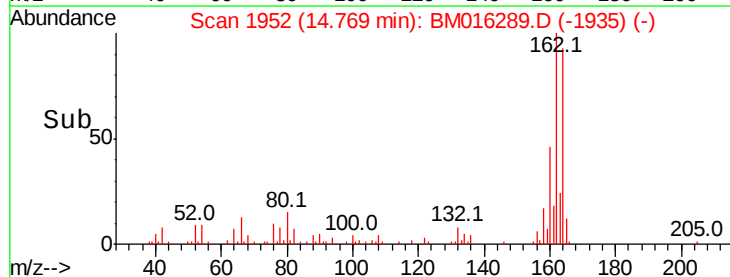
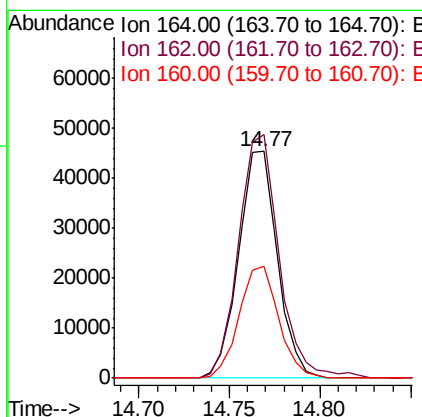
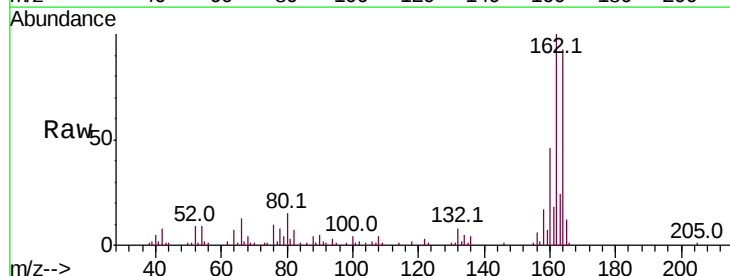
Instrument :
BNA_M
ClientSampled :
MW-37

Tot Ion: 82 Resp: 316878
Ion Ratio Lower Upper
82 100
128 36.0 32.8 49.2
54 62.5 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: BM016289.D
Acq: 09 Aug 2018 19:44

Tgt Ion:164 Resp: 67644
Ion Ratio Lower Upper
164 100
162 107.5 82.4 123.6
160 49.4 35.8 53.6

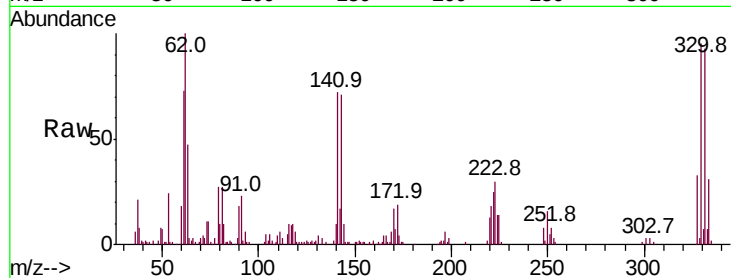




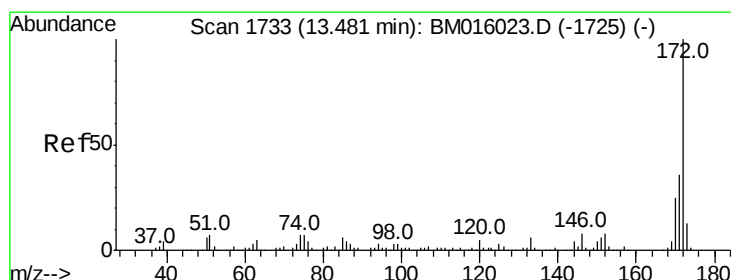
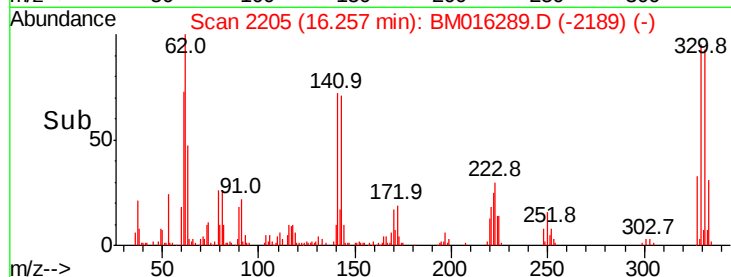
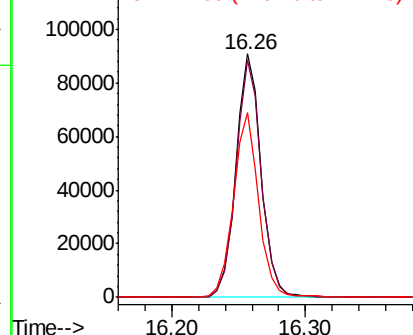
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016289.D
 Acq: 09 Aug 2018 19:44

Instrument :
 BNA_M
 ClientSampleId :
 MW-37

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	76.0	0.0	0.0#

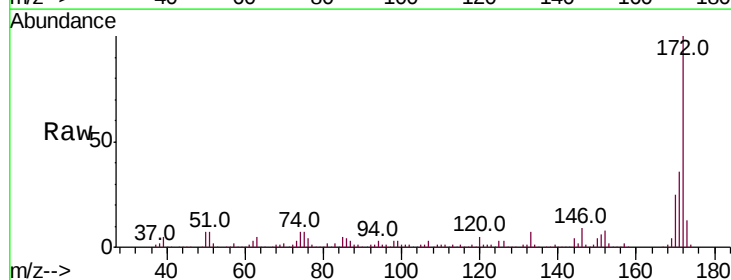


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

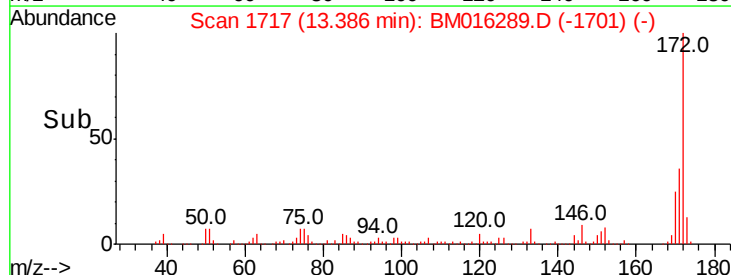
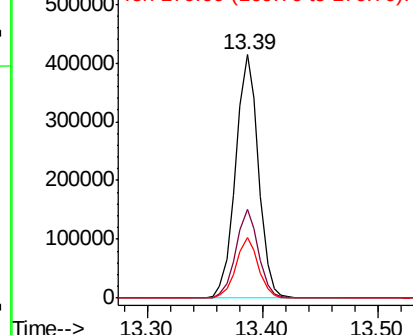


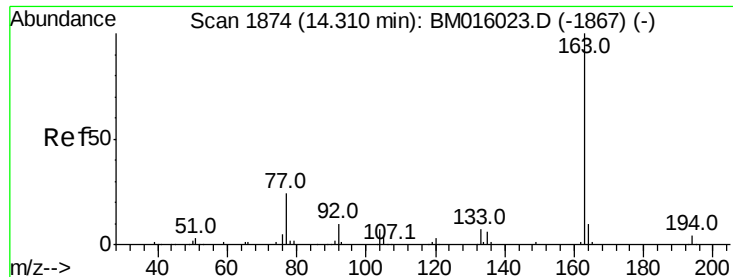
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016289.D
 Acq: 09 Aug 2018 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	25.1	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: 5.607 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016289.D

Acq: 09 Aug 2018 19:44

Instrument :

BNA_M

ClientSampleId :

MW-37

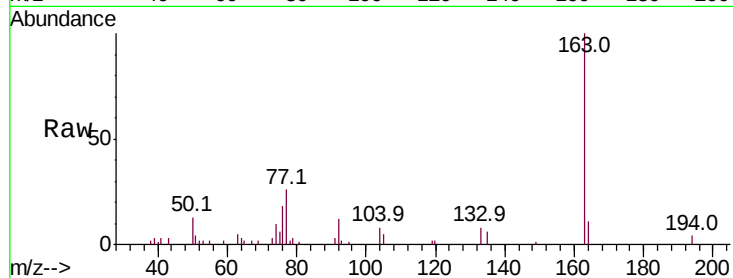
Tot Ion:163 Resp: 33190

Ion Ratio Lower Upper

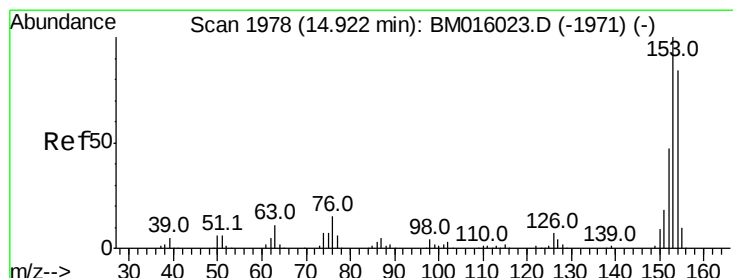
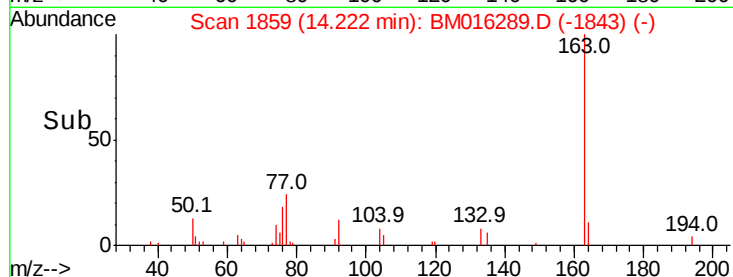
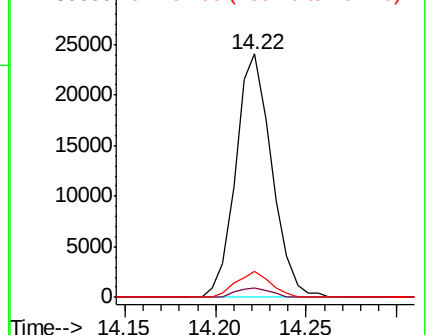
163 100

194 3.8 2.7 4.1

164 10.7 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: 3.221 ng

RT: 14.83 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM016289.D

Acq: 09 Aug 2018 19:44

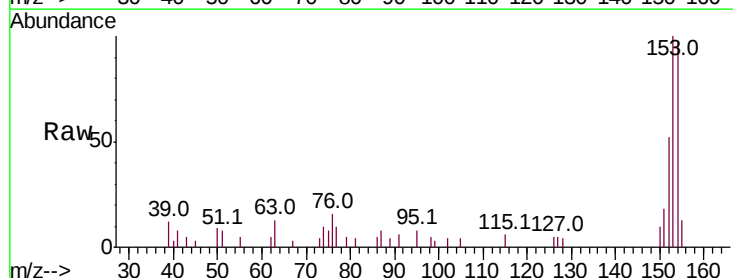
Tgt Ion:154 Resp: 13770

Ion Ratio Lower Upper

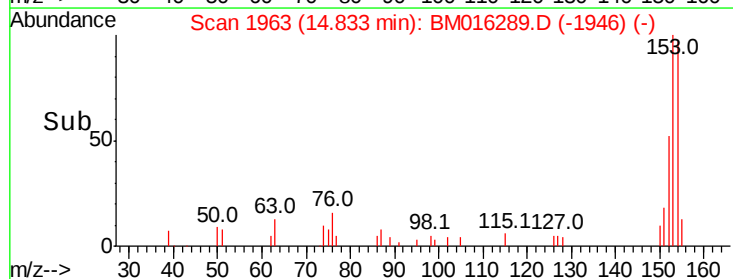
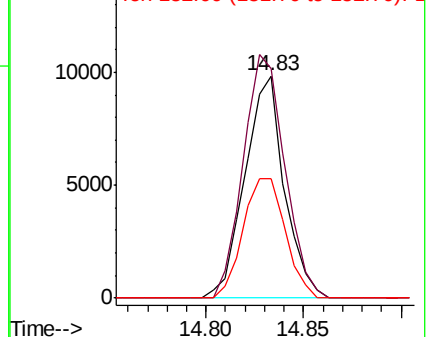
154 100

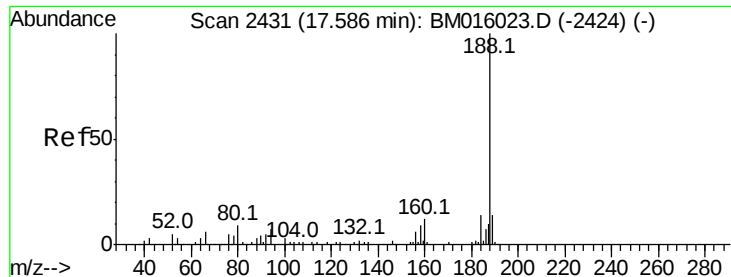
153 103.1 90.0 135.0

152 53.8 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

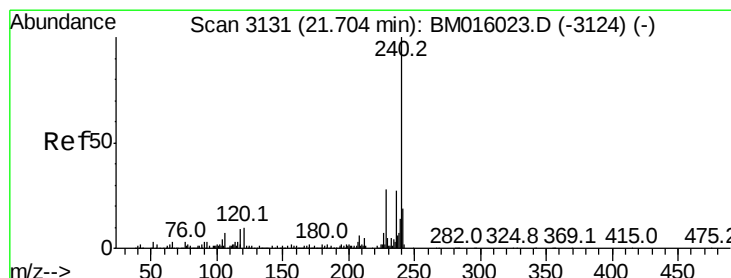
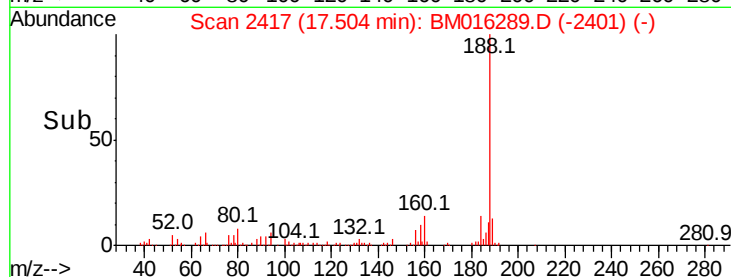
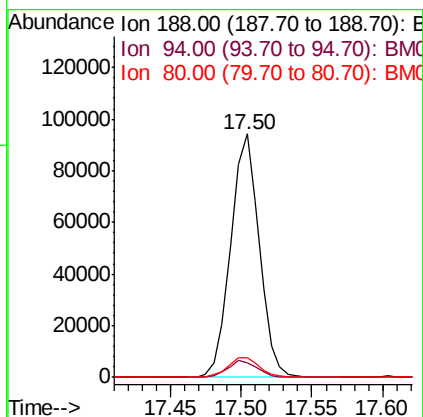
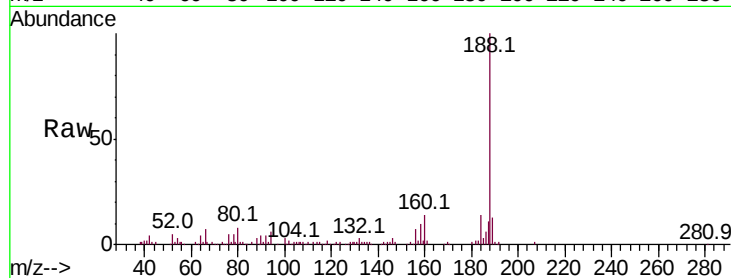




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016289.D
Acq: 09 Aug 2018 19:44

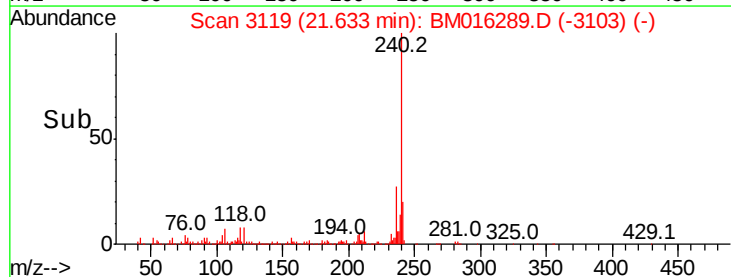
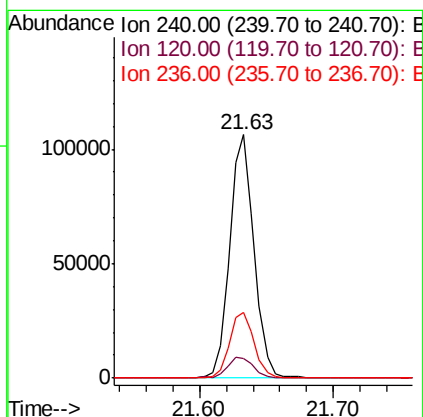
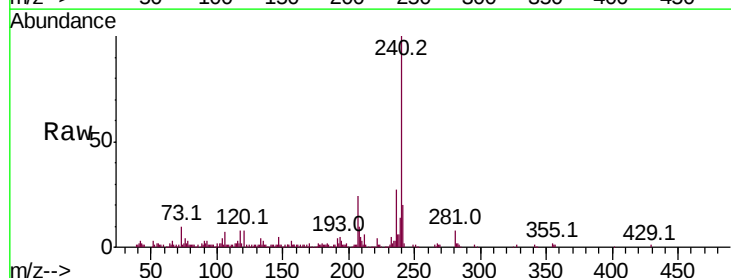
Instrument :
BNA_M
ClientSampleId :
MW-37

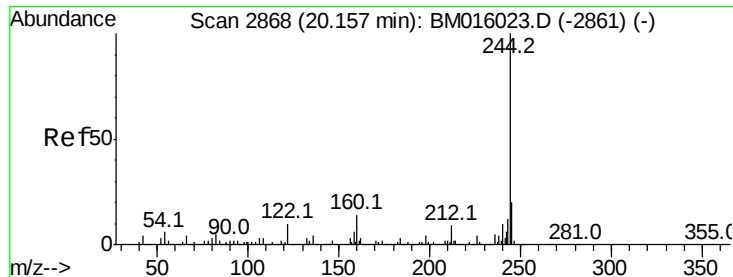
Tot Ion:188 Resp: 132790
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 8.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016289.D
Acq: 09 Aug 2018 19:44

Tgt Ion:240 Resp: 135064
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.2#
236 26.8 20.0 30.0

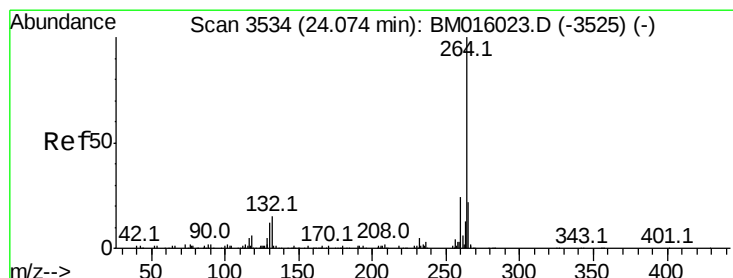
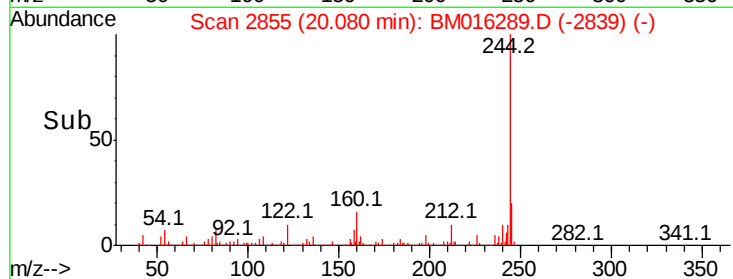
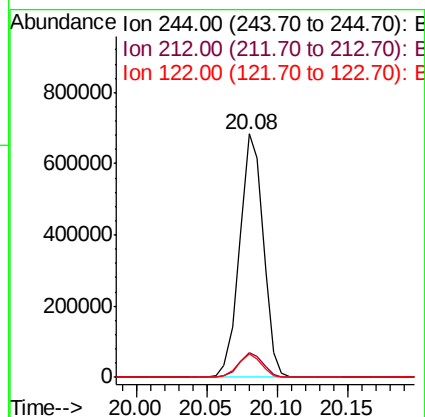
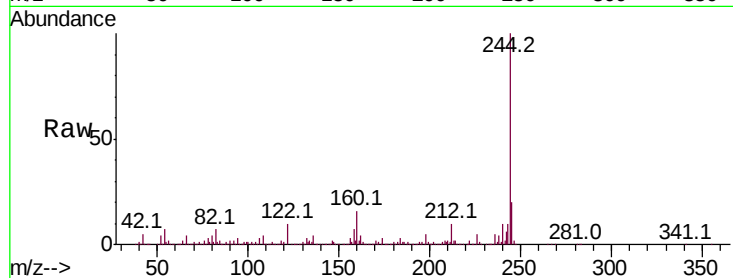




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.08 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BM016289.D
 Acq: 09 Aug 2018 19:44

Instrument :
 BNA_M
 ClientSampled :
 MW-37

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	4.9	7.3#
122	9.6	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: BM016289.D
 Acq: 09 Aug 2018 19:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	24.3	17.3	25.9

