

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016284.D
 Acq On : 09 Aug 2018 16:41
 Operator : SJ/JU
 Sample : J4369-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-20

Quant Time: Aug 10 06:49:08 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

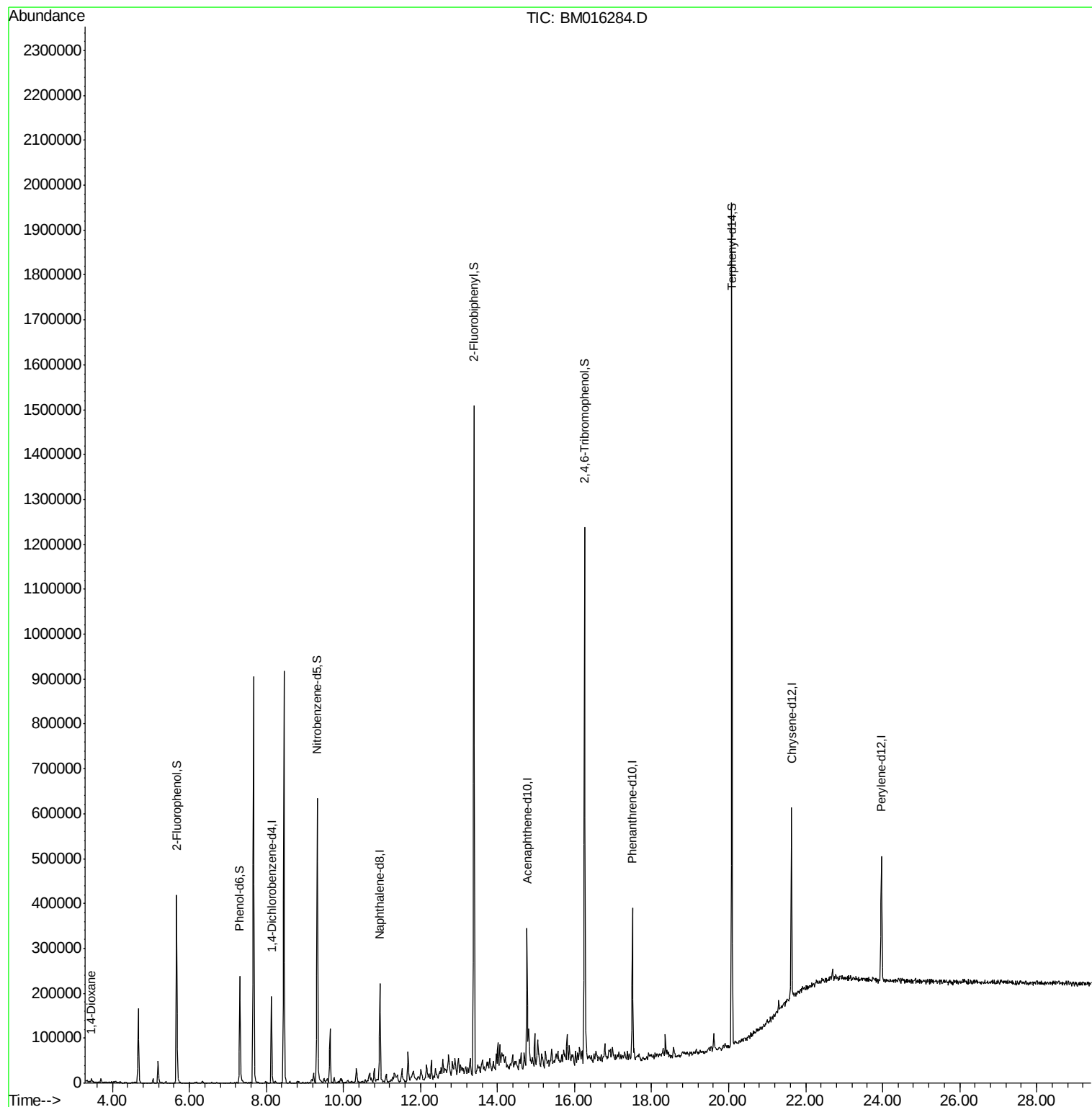
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41101	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	147540	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	76671	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	150369	20.00	ng	0.00
75) Chrysene-d12	21.63	240	151588	20.00	ng	0.00
86) Perylene-d12	23.97	264	166132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	143162	57.86	ng	0.00
7) Phenol-d6	7.31	99	102217	31.63	ng	0.00
23) Nitrobenzene-d5	9.32	82	309094	97.44	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	118216	121.57	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	587448	93.23	ng	0.00
78) Terphenyl-d14	20.08	244	621389	85.81	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.46	88	2695	2.325	ng	Qvalue # 100

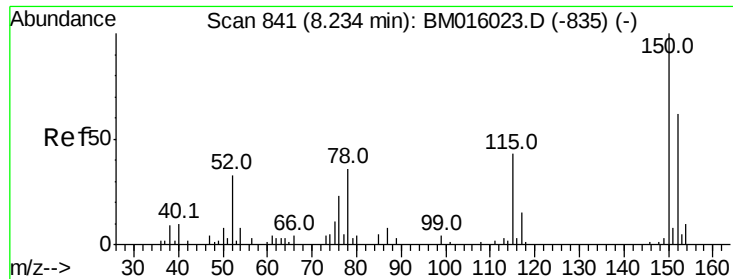
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016284.D

Acq: 09 Aug 2018 16:41

Instrument :

BNA_M

ClientSampleId :

MW-20

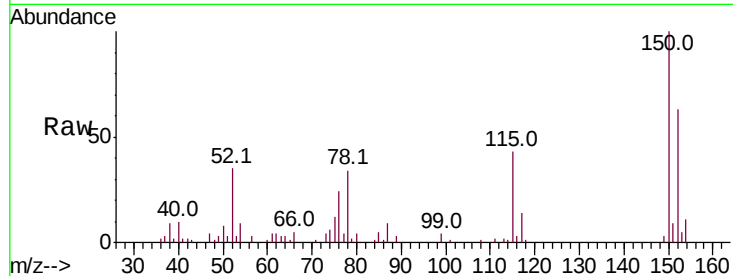
Tot Ion:152 Resp: 41101

Ion Ratio Lower Upper

152 100

150 158.9 119.5 179.3

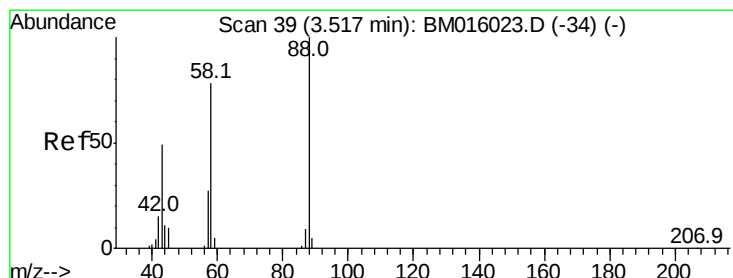
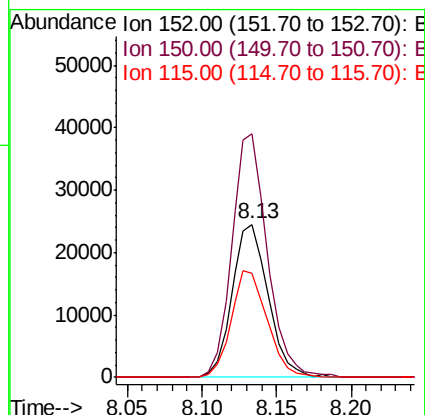
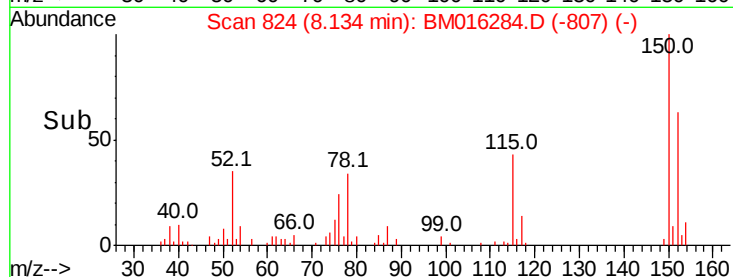
115 68.3 43.0 64.4#



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



#2

1,4-Dioxane

Concen: 2.325 ng

RT: 3.46 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM016284.D

Acq: 09 Aug 2018 16:41

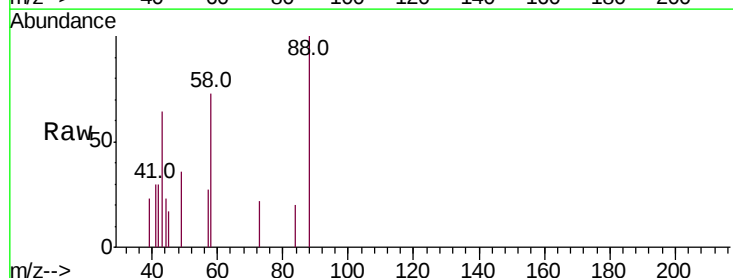
Tgt Ion: 88 Resp: 2695

Ion Ratio Lower Upper

88 100

58 82.9 0.0 0.0#

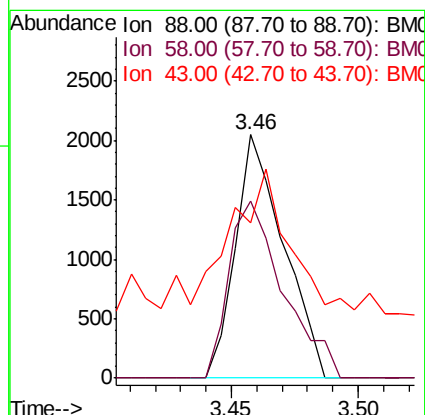
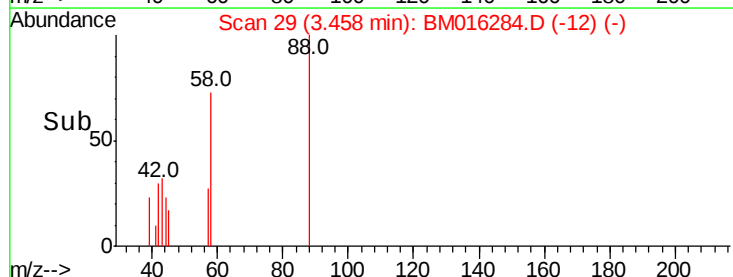
43 80.0 0.0 0.0#

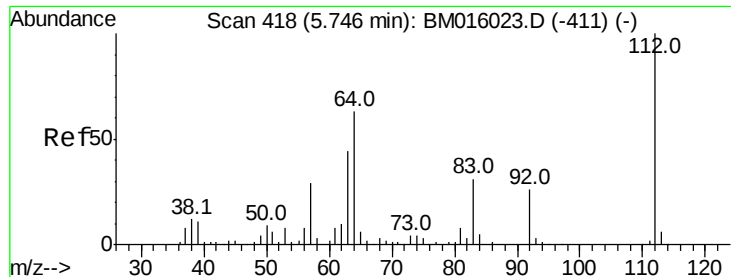


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: Below na

RT: 5.66 min Scan# 404

Delta R.T. 0.00 min

Lab File: BM016284.D

Acq: 09 Aug 2018 16:41

Instrument :

BNA_M

ClientSampled :

MW-20

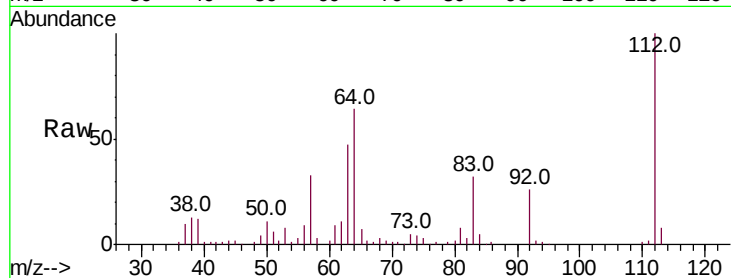
Tot Ion:112 Resp: 143162

Ion Ratio Lower Upper

112 100

64 64.4 38.6 57.8#

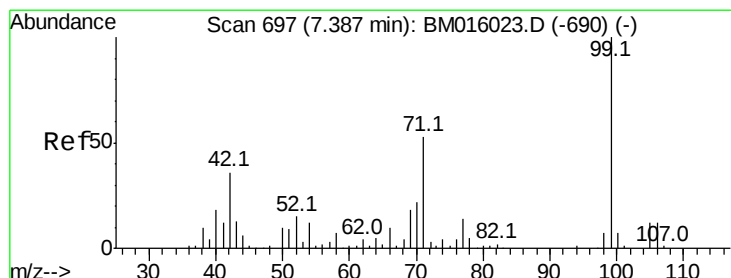
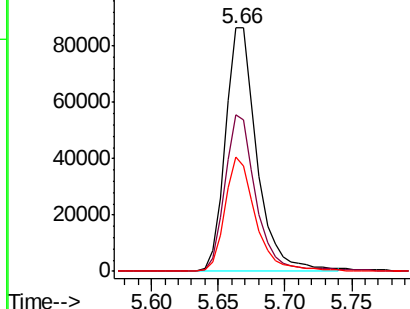
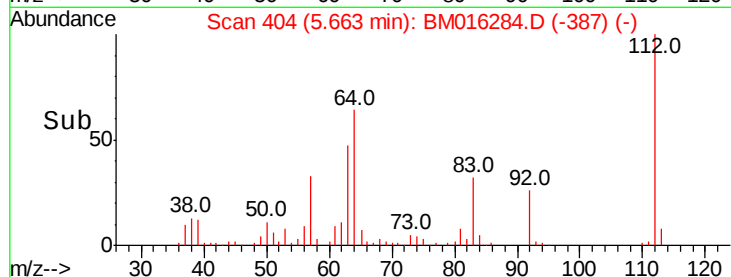
63 47.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

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: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016284.D

Acq: 09 Aug 2018 16:41

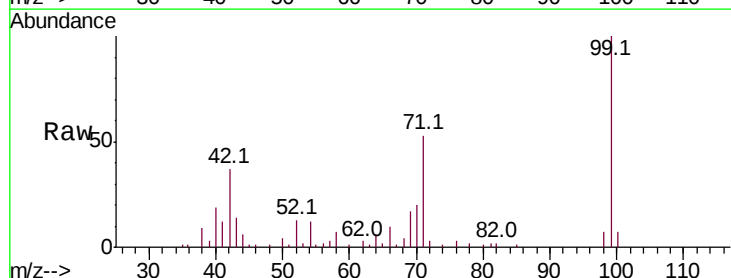
Tgt Ion: 99 Resp: 102217

Ion Ratio Lower Upper

99 100

42 36.9 11.0 16.4#

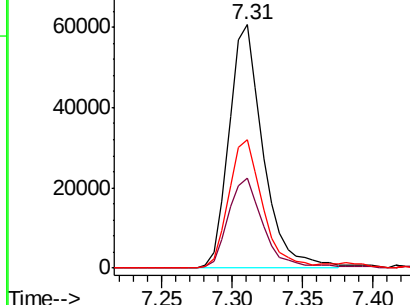
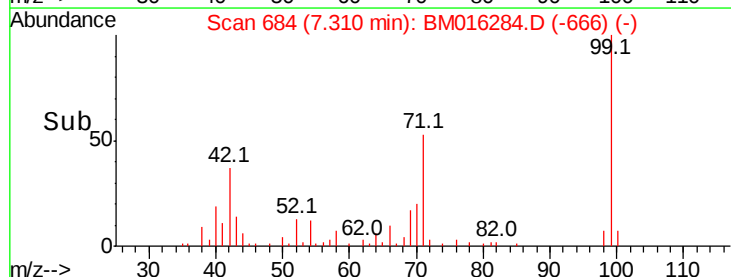
71 53.0 23.4 35.2#



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

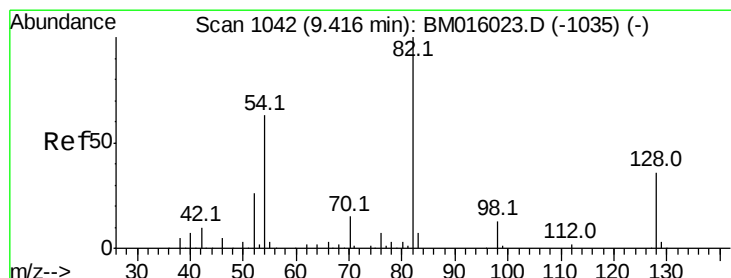
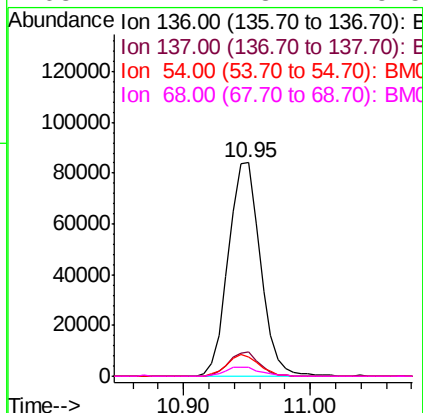
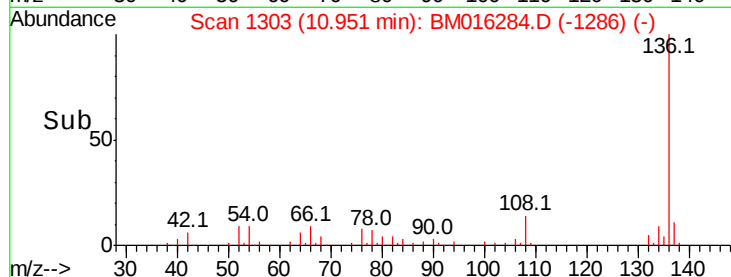
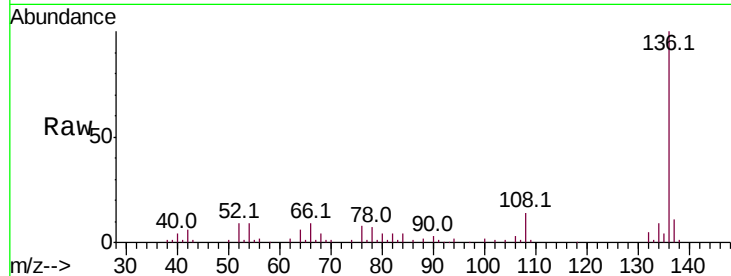




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016284.D
Acq: 09 Aug 2018 16:41

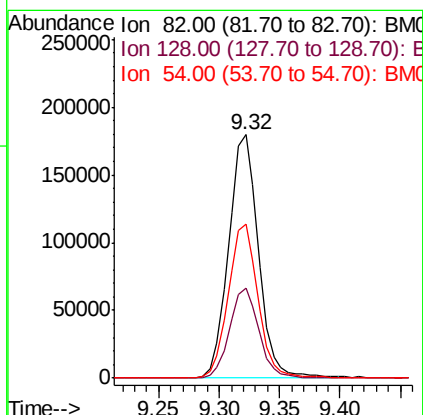
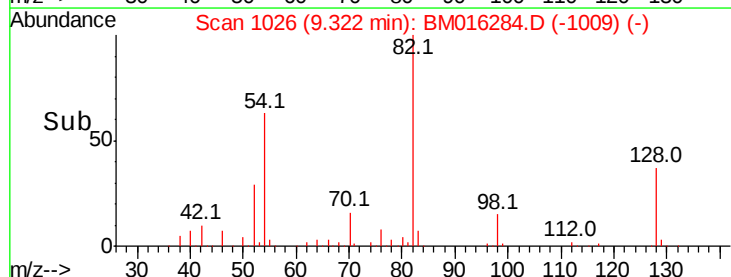
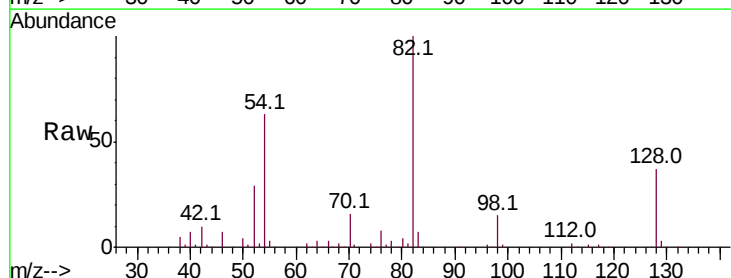
Instrument :
BNA_M
ClientSampleId :
MW-20

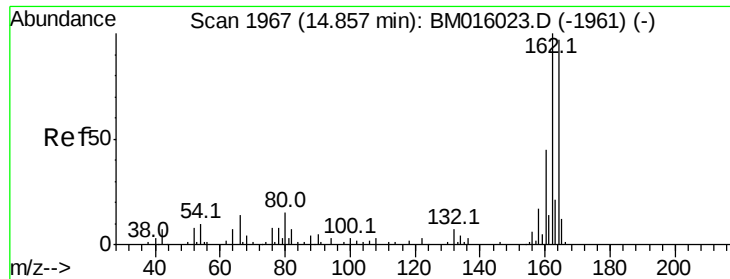
Tot Ion:136 Resp: 147540
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.2 4.6 6.8#
68 4.2 3.7 5.5



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016284.D
Acq: 09 Aug 2018 16:41

Tgt Ion: 82 Resp: 309094
Ion Ratio Lower Upper
82 100
128 37.2 32.8 49.2
54 63.4 40.6 60.8#

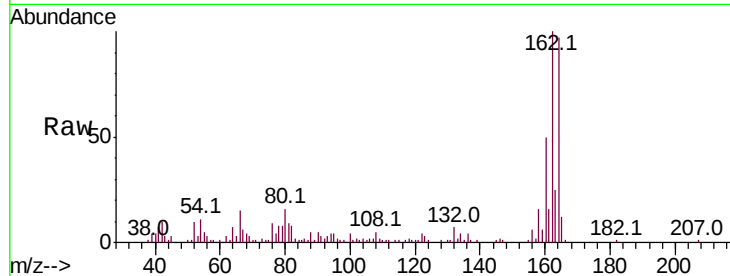




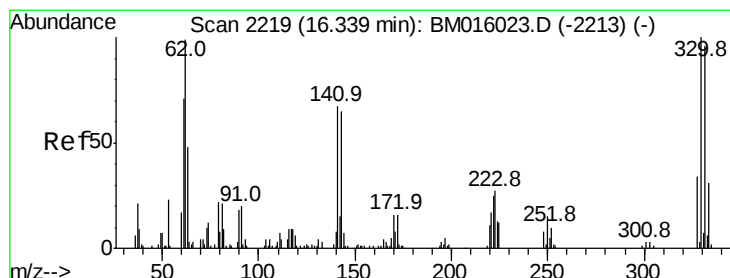
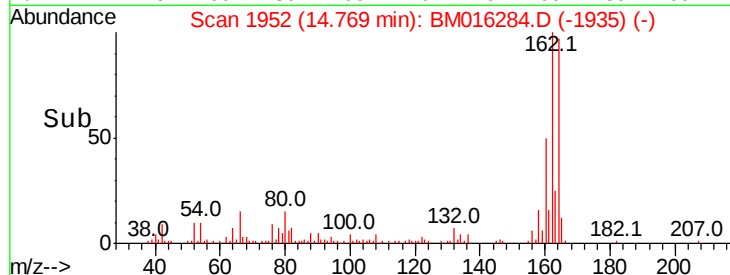
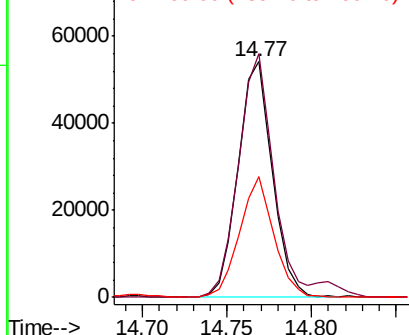
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016284.D
Acq: 09 Aug 2018 16:41

Instrument :
BNA_M
ClientSampleId :
MW-20

Tot Ion:164 Resp: 76671
Ion Ratio Lower Upper
164 100
162 103.2 82.4 123.6
160 51.1 35.8 53.6

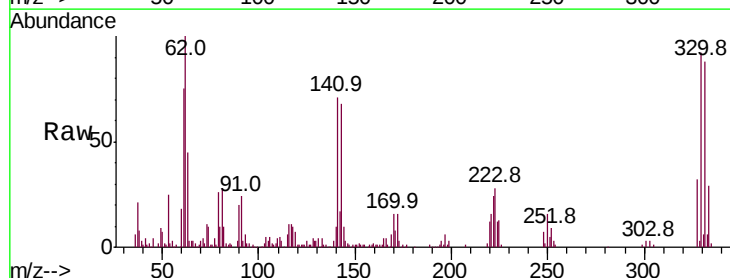


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

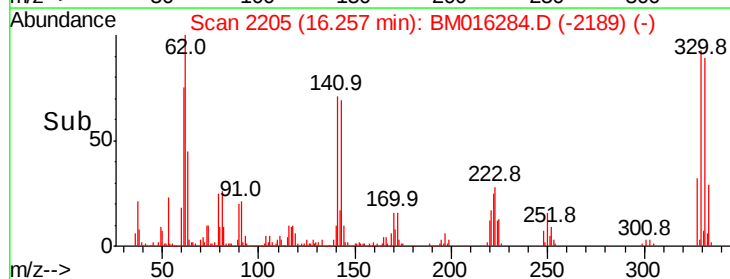
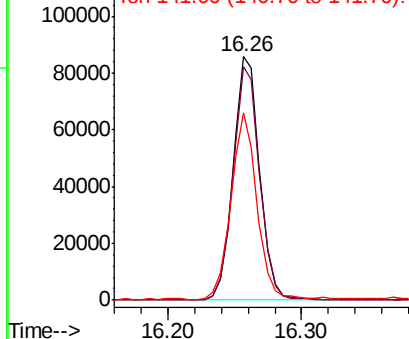


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM016284.D
Acq: 09 Aug 2018 16:41

Tgt Ion:330 Resp: 118216
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 76.3 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

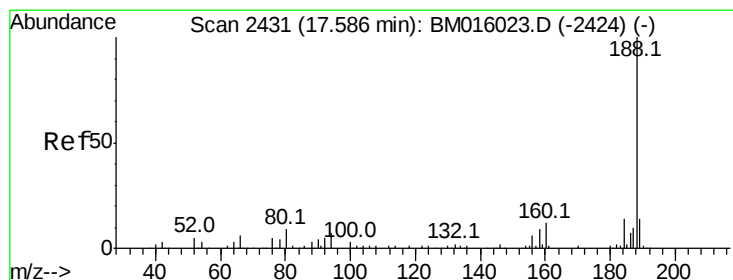
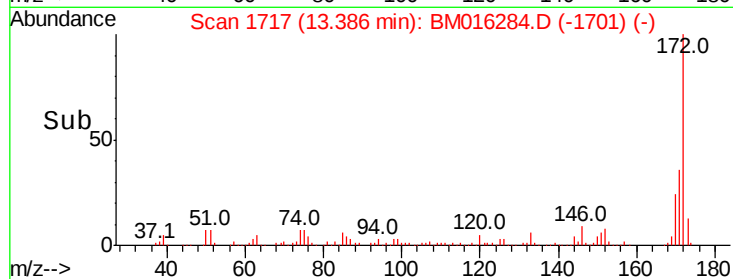
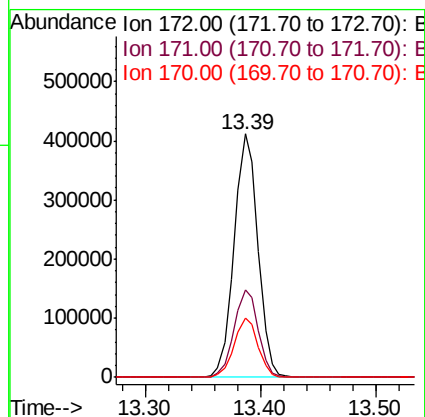
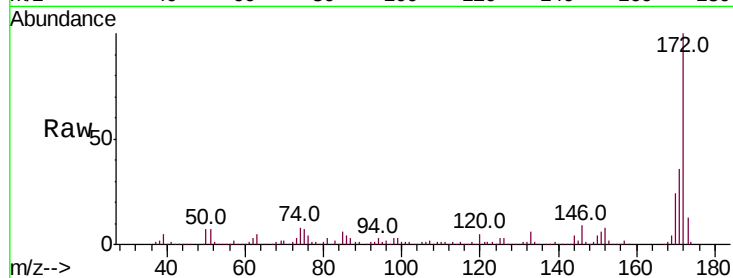




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016284.D
 Acq: 09 Aug 2018 16:41

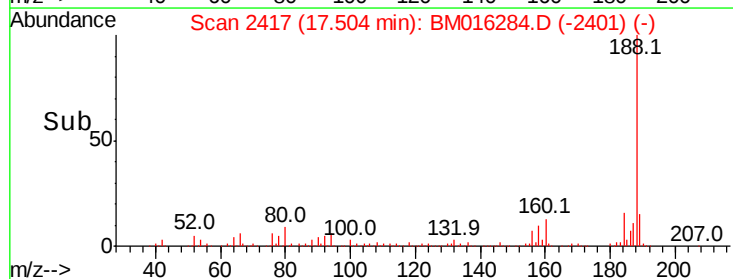
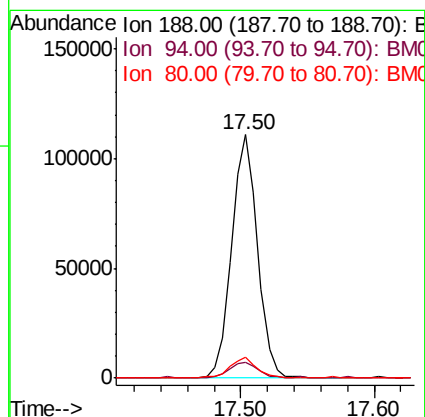
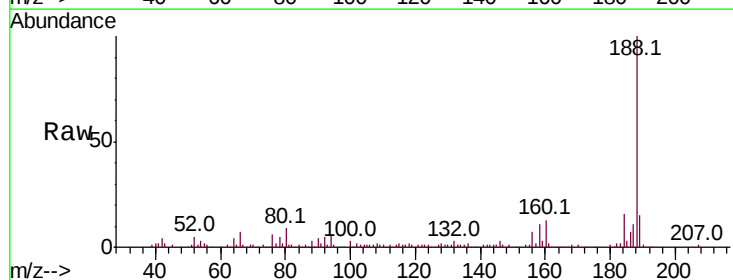
Instrument :
 BNA_M
 ClientSampled :
 MW-20

Tot Ion:172 Resp: 587448
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.2 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BM016284.D
 Acq: 09 Aug 2018 16:41

Tgt Ion:188 Resp: 150369
 Ion Ratio Lower Upper
 188 100
 94 6.4 8.7 13.1#
 80 8.8 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: BM016284.D

Acq: 09 Aug 2018 16:41

Instrument :

BNA_M

ClientSampleId :

MW-20

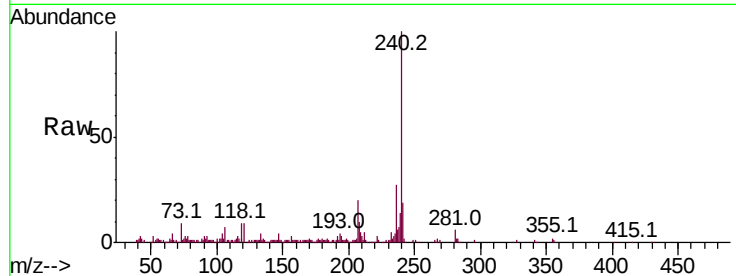
Tot Ion:240 Resp: 151588

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

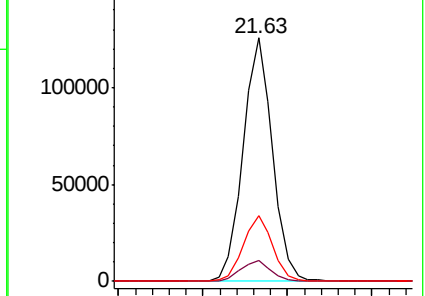
236 26.8 20.0 30.0



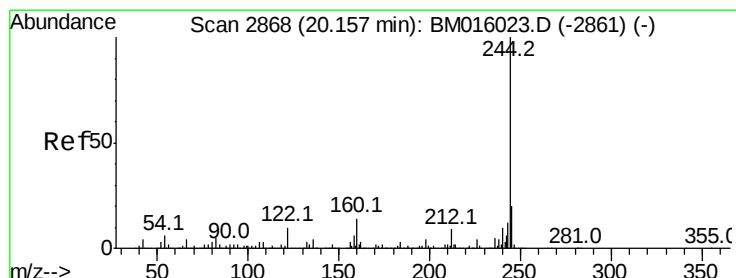
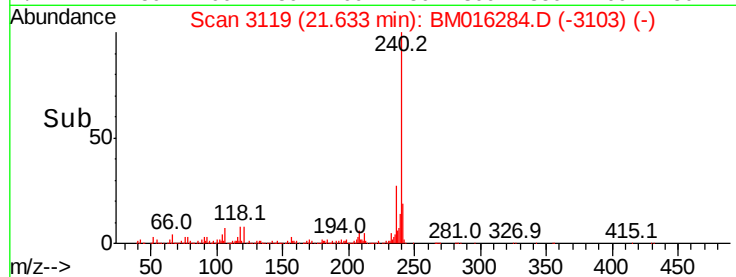
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.55 21.60 21.65 21.70



#78

Terphenyl-d14

Concen: Below ng

RT: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016284.D

Acq: 09 Aug 2018 16:41

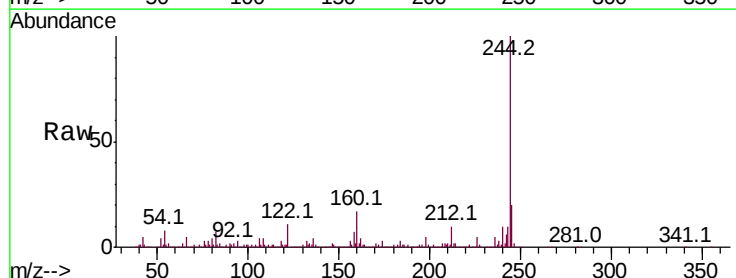
Tgt Ion:244 Resp: 621389

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

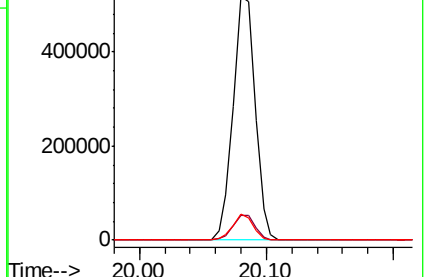
122 10.5 6.2 9.4#



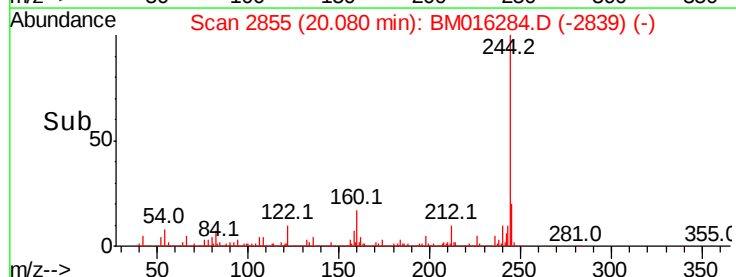
Abundance Ion 244.00 (243.70 to 244.70): E

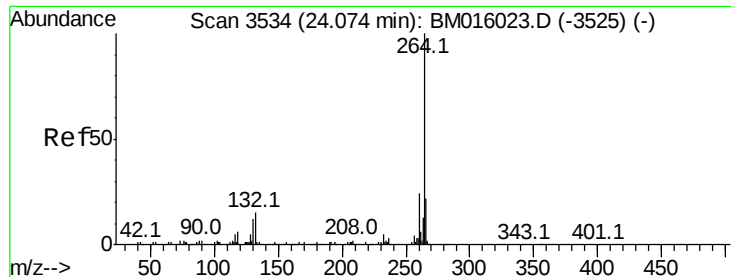
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016284.D
Acq: 09 Aug 2018 16:41

Instrument :
BNA_M
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.9	17.3	25.9

