

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016277.D
 Acq On : 09 Aug 2018 12:24
 Operator : SJ/JU
 Sample : J4356-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-29

Quant Time: Aug 10 05:21:27 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

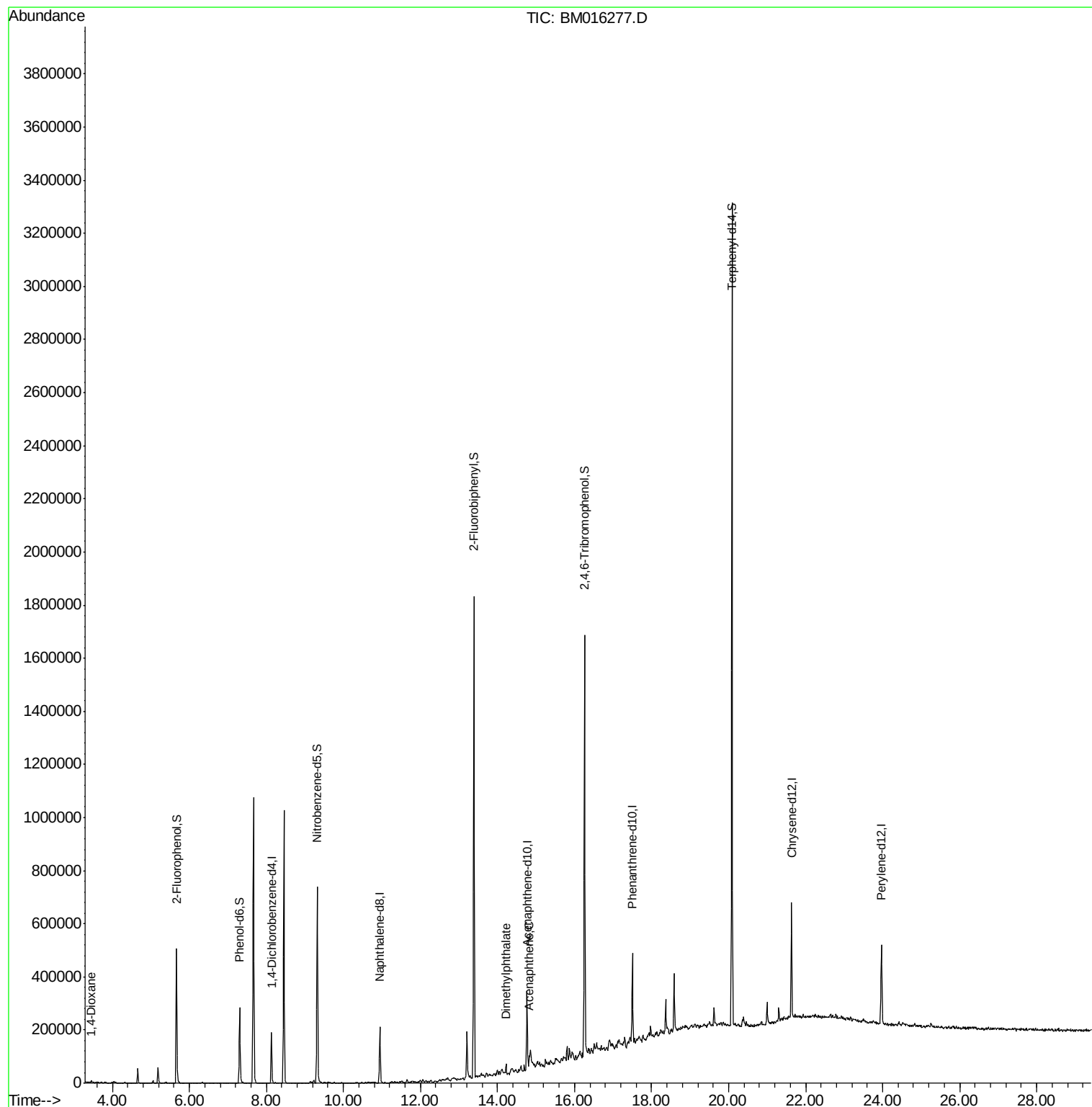
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	40533	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	145075	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	74235	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	149043	20.00	ng	0.00
75) Chrysene-d12	21.63	240	160515	20.00	ng	0.00
86) Perylene-d12	23.97	264	175749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	170318	69.80	ng	0.00
7) Phenol-d6	7.30	99	117762	36.96	ng	0.00
23) Nitrobenzene-d5	9.32	82	361693	115.96	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	159594	169.50	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	696187	114.11	ng	0.00
78) Terphenyl-d14	20.09	244	1004632	131.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.46	88	2680	2.344	ng	Qvalue # 100
49) Dimethylphthalate	14.22	163	20500	3.155	ng	98
51) Acenaphthene	14.83	154	12402	2.644	ng	# 88

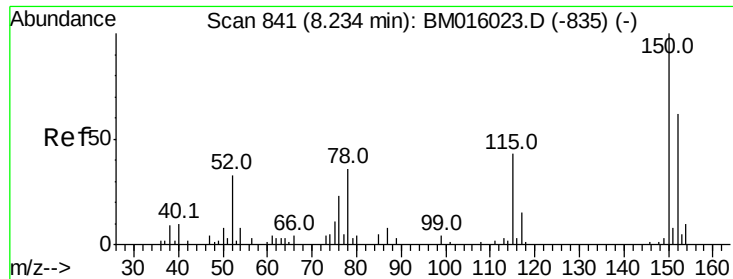
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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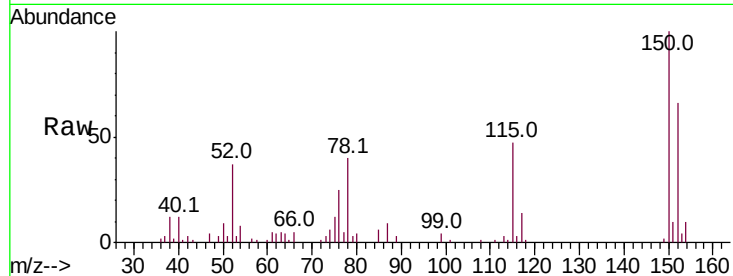


#1

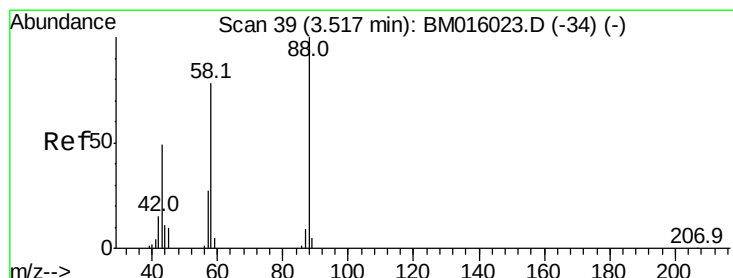
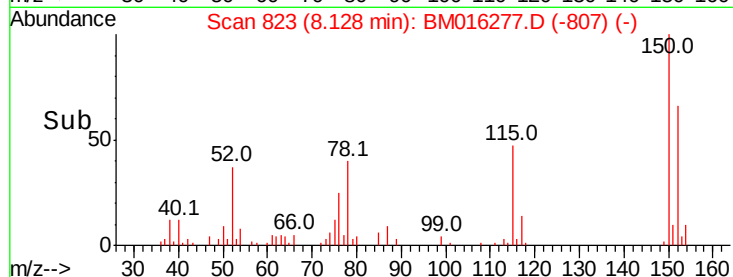
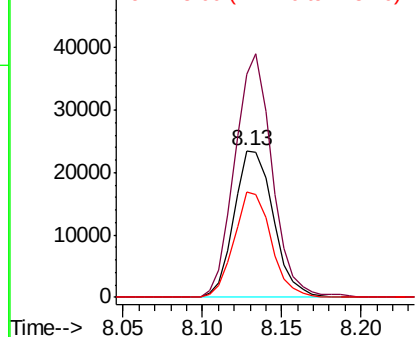
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Instrument :
BNA_M
ClientSampled :
MW-29

Tot Ion:152 Resp: 40533
Ion Ratio Lower Upper
152 100
150 152.6 119.5 179.3
115 72.4 43.0 64.4#



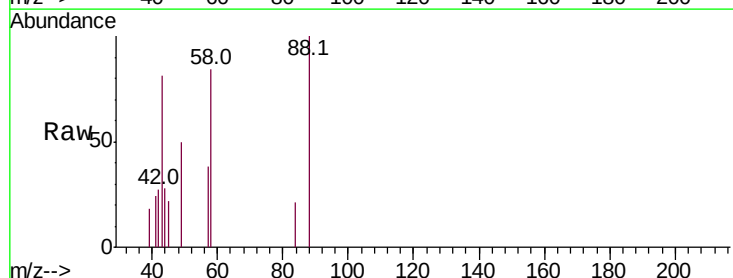
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



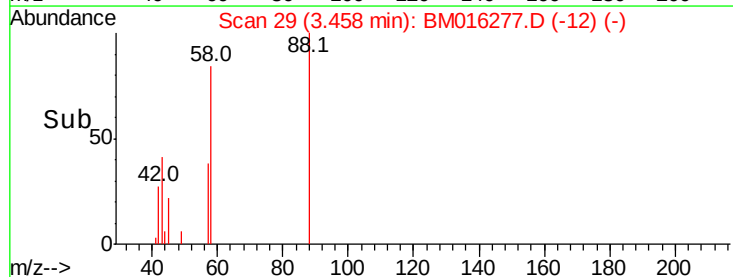
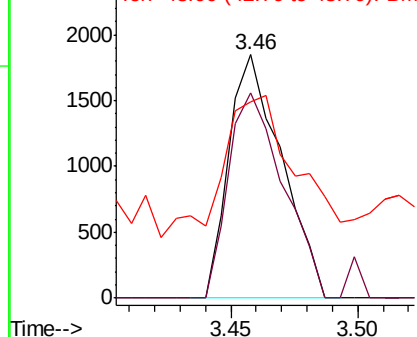
#2

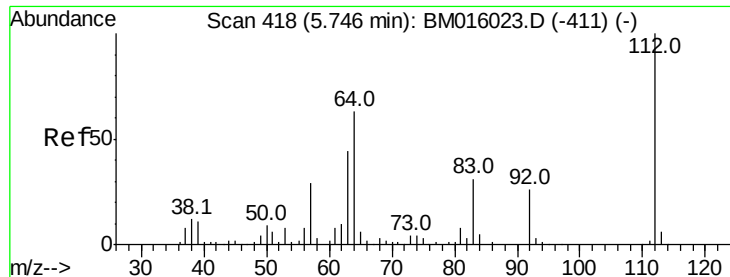
1,4-Dioxane
Concen: 2.344 ng
RT: 3.46 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Tgt Ion: 88 Resp: 2680
Ion Ratio Lower Upper
88 100
58 87.8 0.0 0.0#
43 58.7 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: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampled :

MW-29

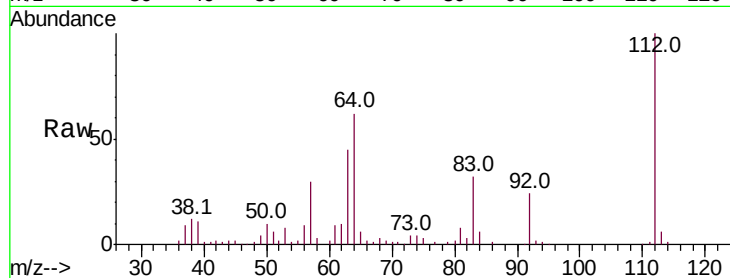
Tot Ion:112 Resp: 170318

Ion Ratio Lower Upper

112 100

64 62.0 38.6 57.8#

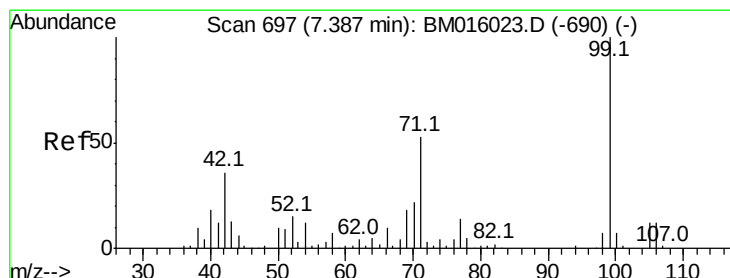
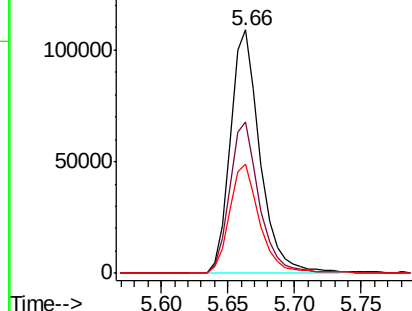
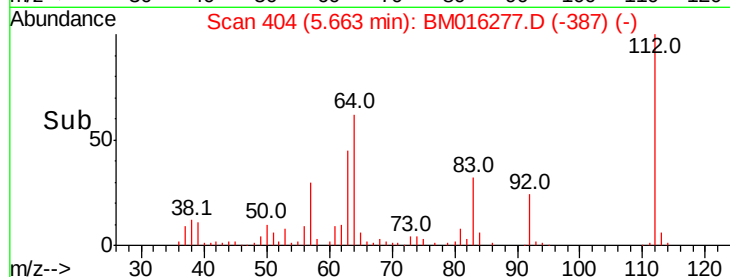
63 44.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

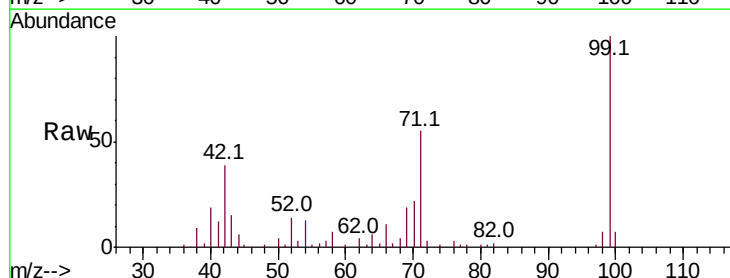
Tgt Ion: 99 Resp: 117762

Ion Ratio Lower Upper

99 100

42 38.6 11.0 16.4#

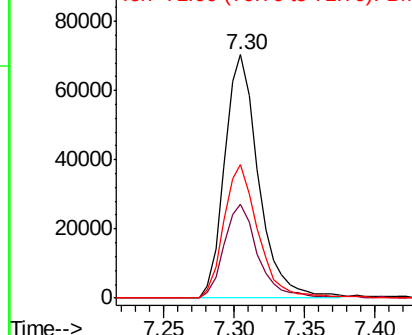
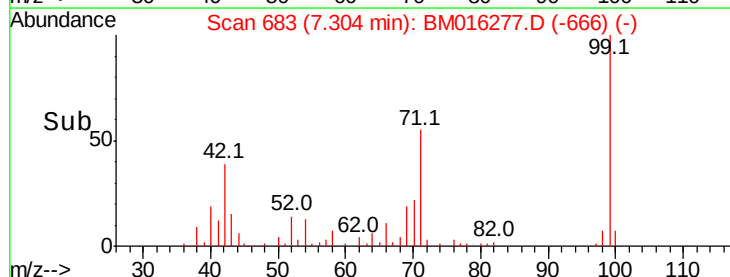
71 54.8 23.4 35.2#

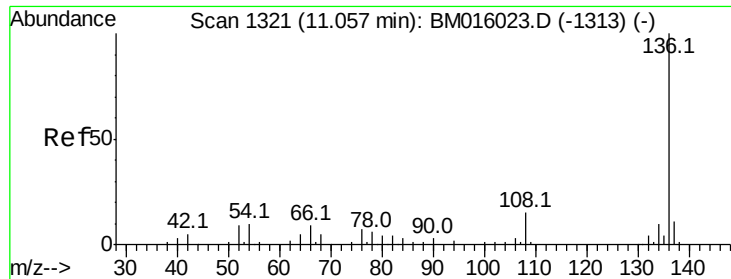


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

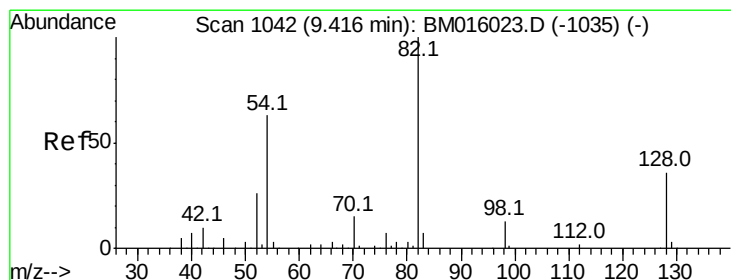
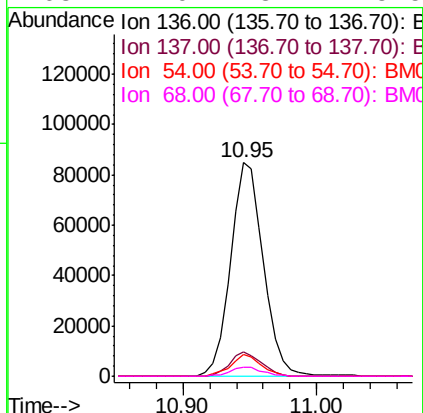
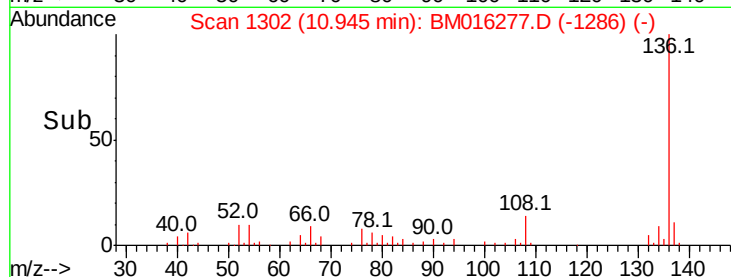
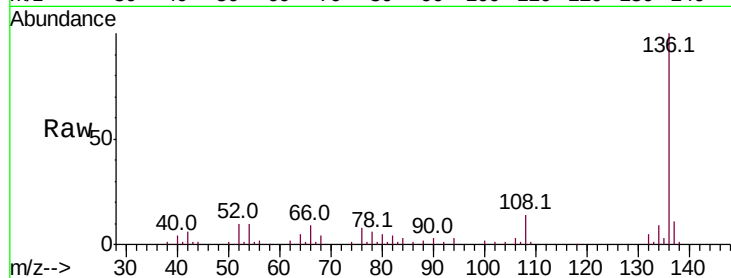




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

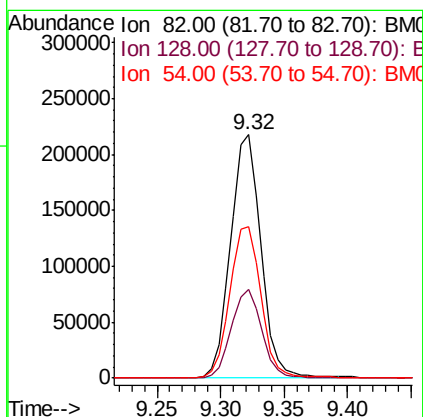
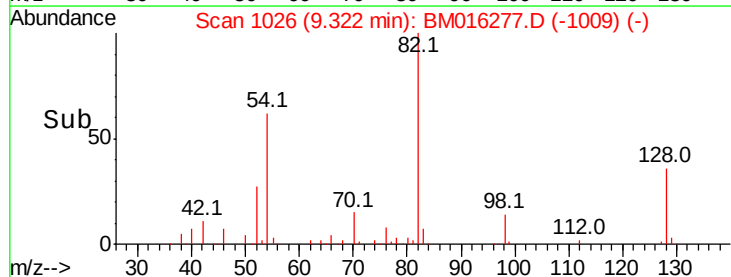
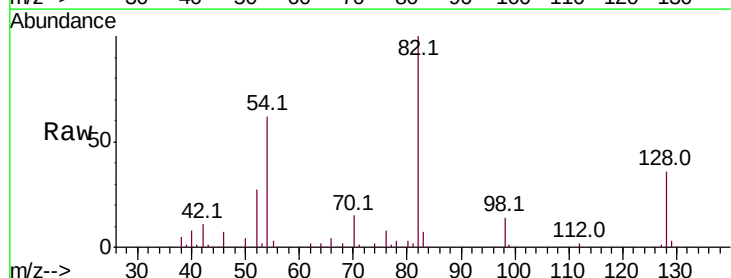
Instrument :
BNA_M
ClientSampleId :
MW-29

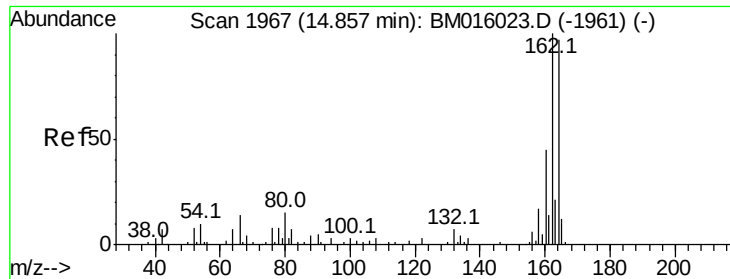
Tot Ion:	136	Resp:	145075
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.0	4.6	6.8#
68	4.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Tgt Ion:	82	Resp:	361693
Ion	Ratio	Lower	Upper
82	100		
128	36.2	32.8	49.2
54	62.0	40.6	60.8#

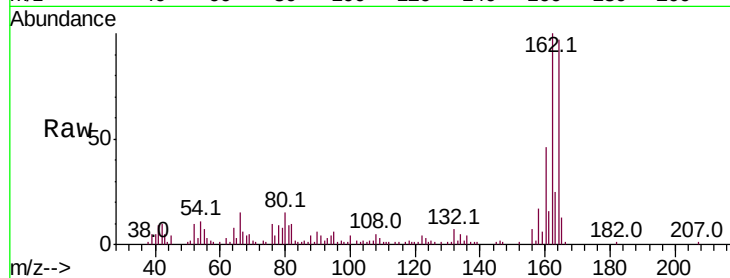




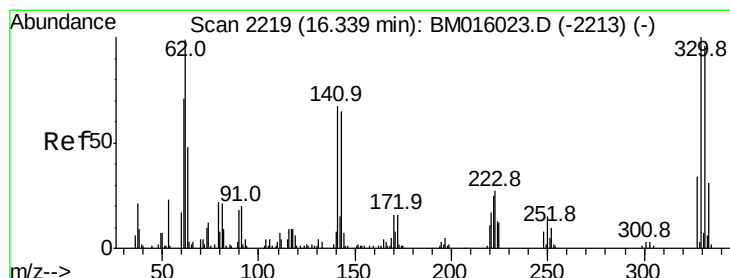
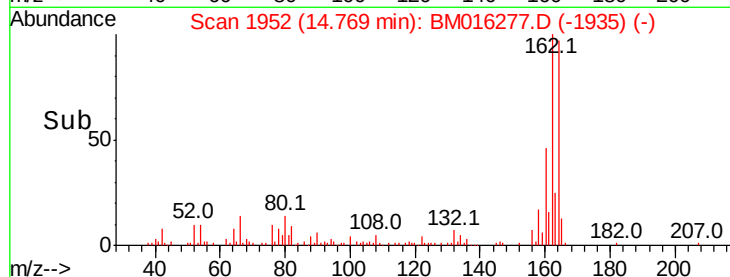
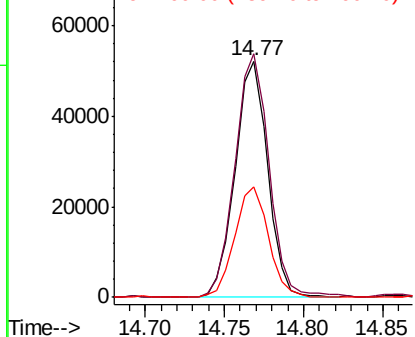
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Instrument :
BNA_M
ClientSampleId :
MW-29

Tot Ion:164 Resp: 74235
Ion Ratio Lower Upper
164 100
162 103.2 82.4 123.6
160 47.0 35.8 53.6

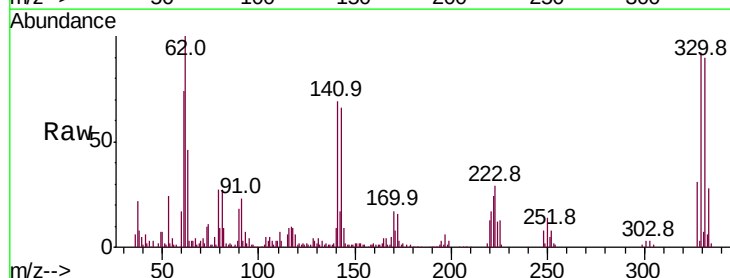


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

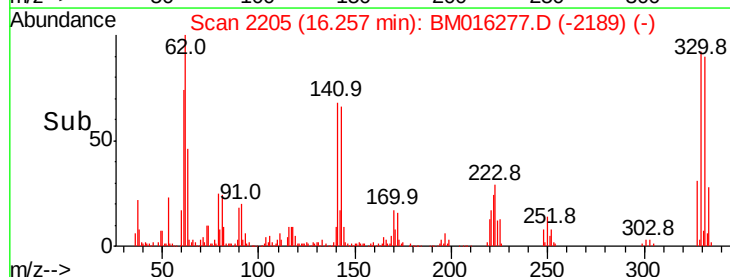
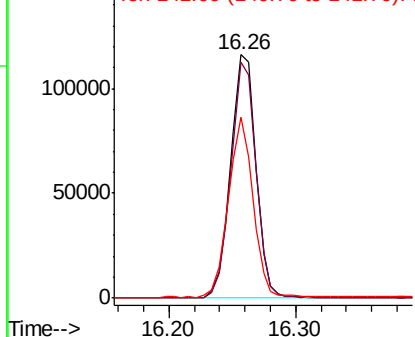


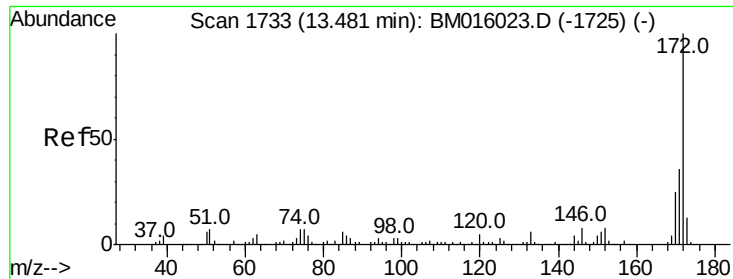
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Tgt Ion:330 Resp: 159594
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 72.0 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

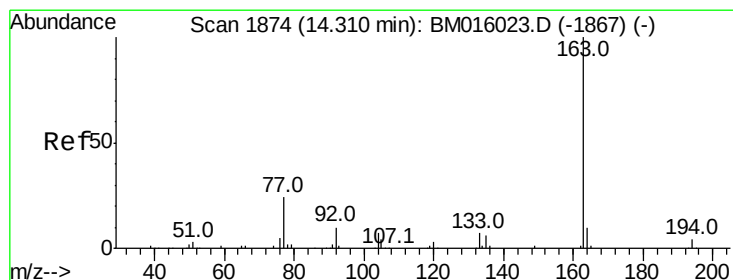
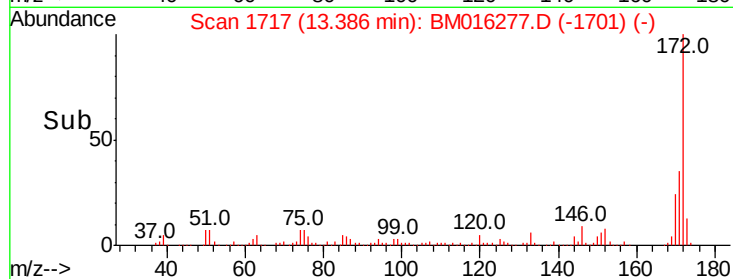
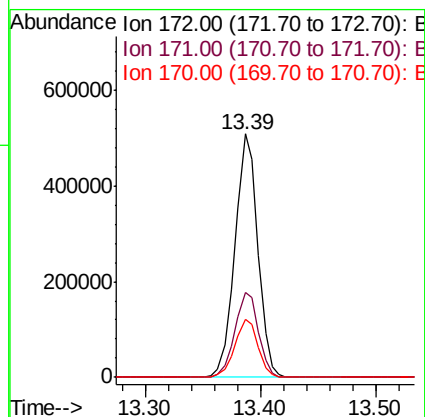
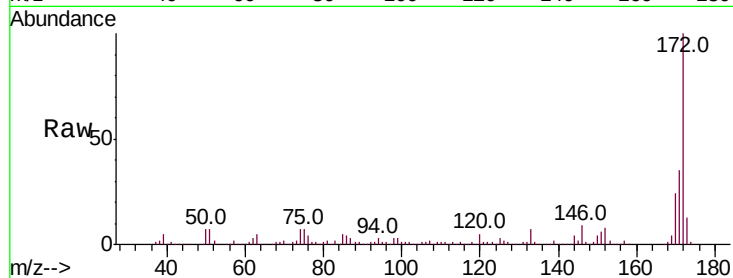




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

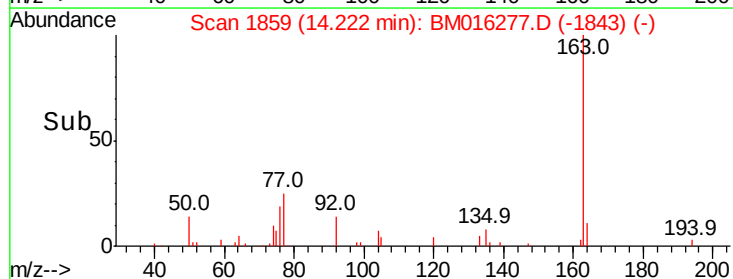
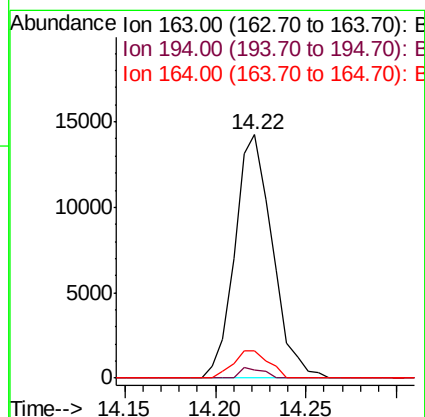
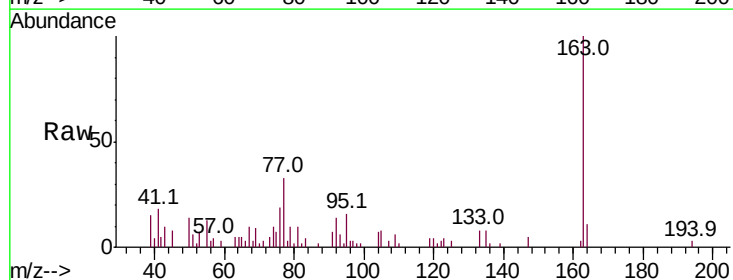
Instrument :
BNA_M
ClientSampleId :
MW-29

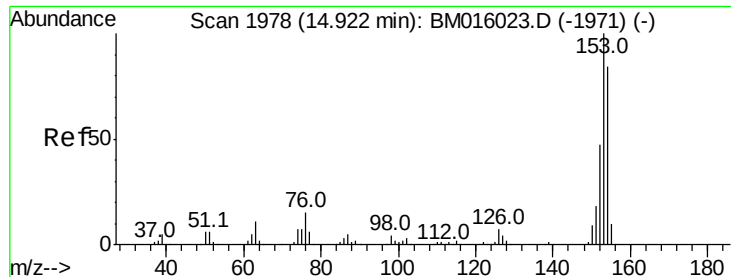
Tot Ion:172 Resp: 696187
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.1 18.8 28.2



#49
Dimethylphthalate
Concen: 3.155 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Tgt Ion:163 Resp: 20500
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.1 8.2 12.2





#51

Acenaphthene

Concen: 2.644 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

BNA_M

ClientSampleId :

MW-29

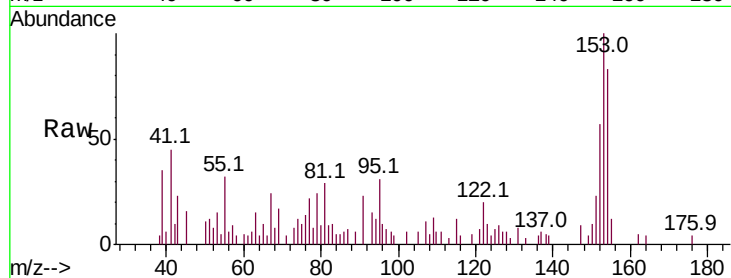
Tot Ion:154 Resp: 12402

Ion Ratio Lower Upper

154 100

153 120.3 90.0 135.0

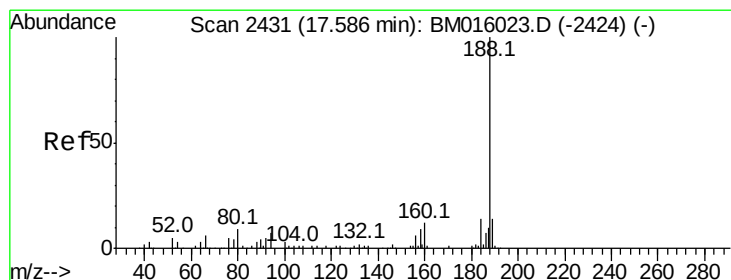
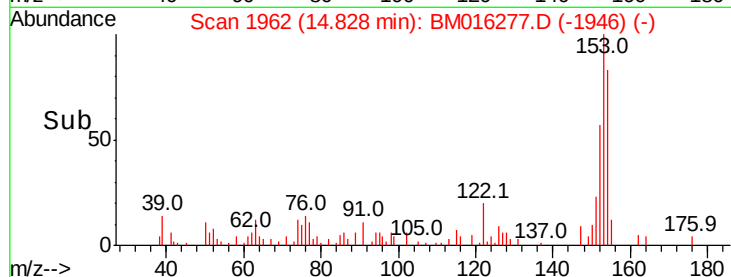
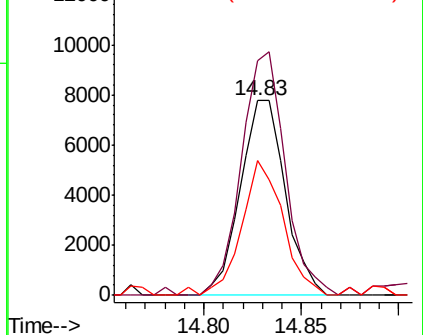
152 69.1 42.6 63.8#



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: BM016277.D

Acq: 09 Aug 2018 12:24

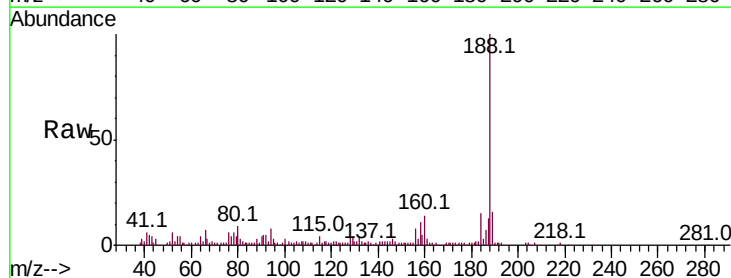
Tgt Ion:188 Resp: 149043

Ion Ratio Lower Upper

188 100

94 7.8 8.7 13.1#

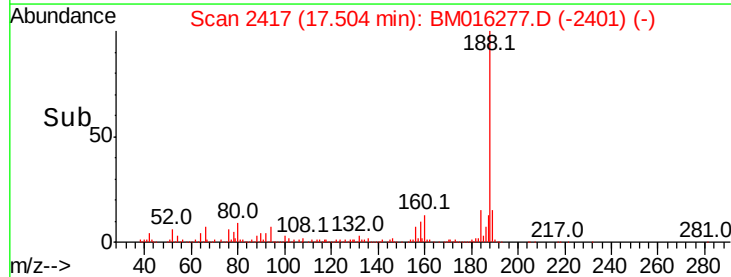
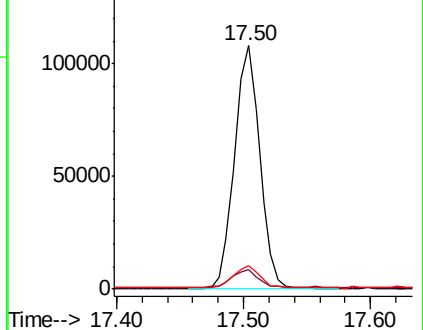
80 9.4 9.3 13.9

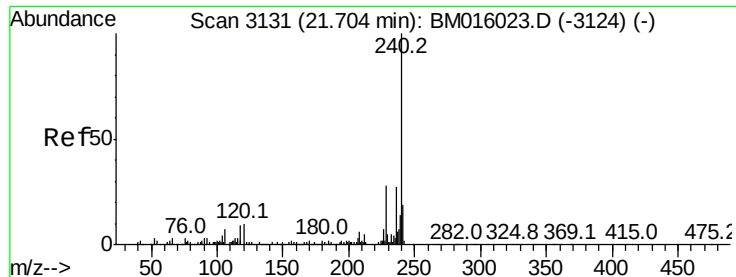


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM016277.D

Acq: 09 Aug 2018 12:24

Instrument :

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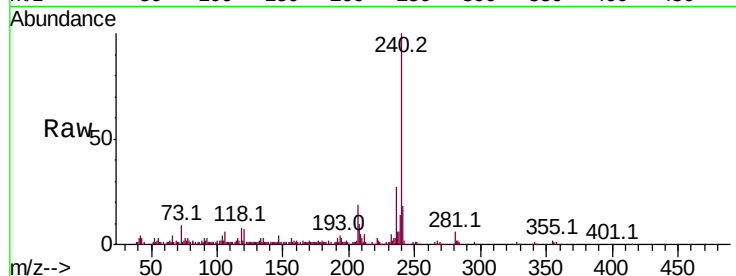
Tot Ion:240 Resp: 160515

Ion Ratio Lower Upper

240 100

120 7.3 8.2 12.2#

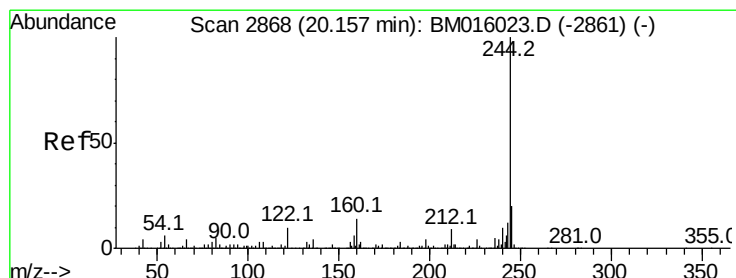
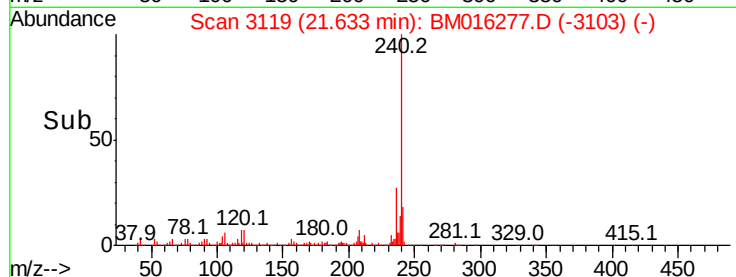
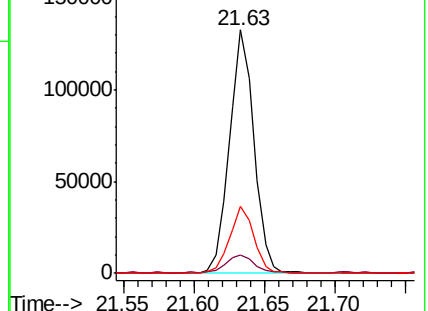
236 27.4 20.0 30.0



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 ng

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016277.D

Acq: 09 Aug 2018 12:24

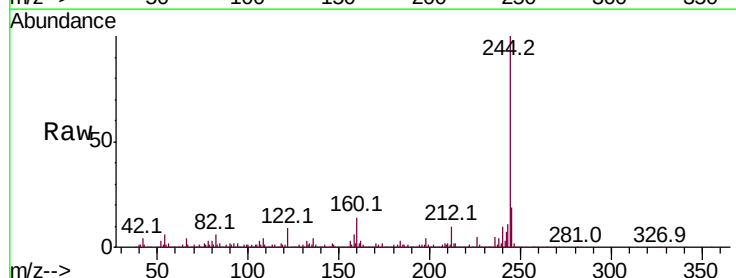
Tgt Ion:244 Resp: 1004632

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

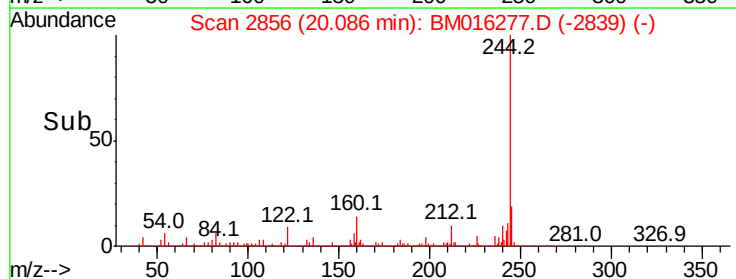
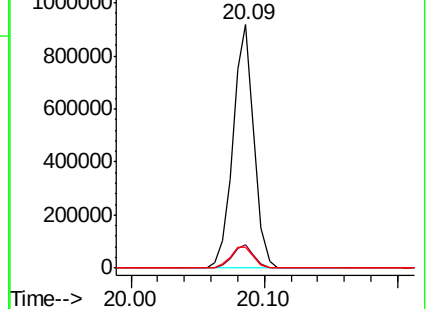
122 8.7 6.2 9.4

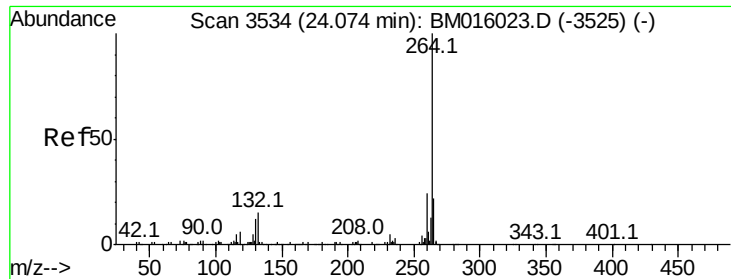


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



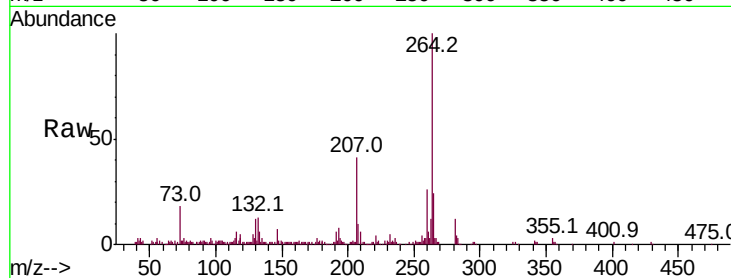


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016277.D
Acq: 09 Aug 2018 12:24

Instrument :
BNA_M
ClientSampleId :
MW-29

Tot Ion:264 Resp: 175749

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	24.2	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

