

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014226.D
 Acq On : 13 Feb 2018 18:09
 Operator : SJ/JU
 Sample : J1518-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 04:17:38 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

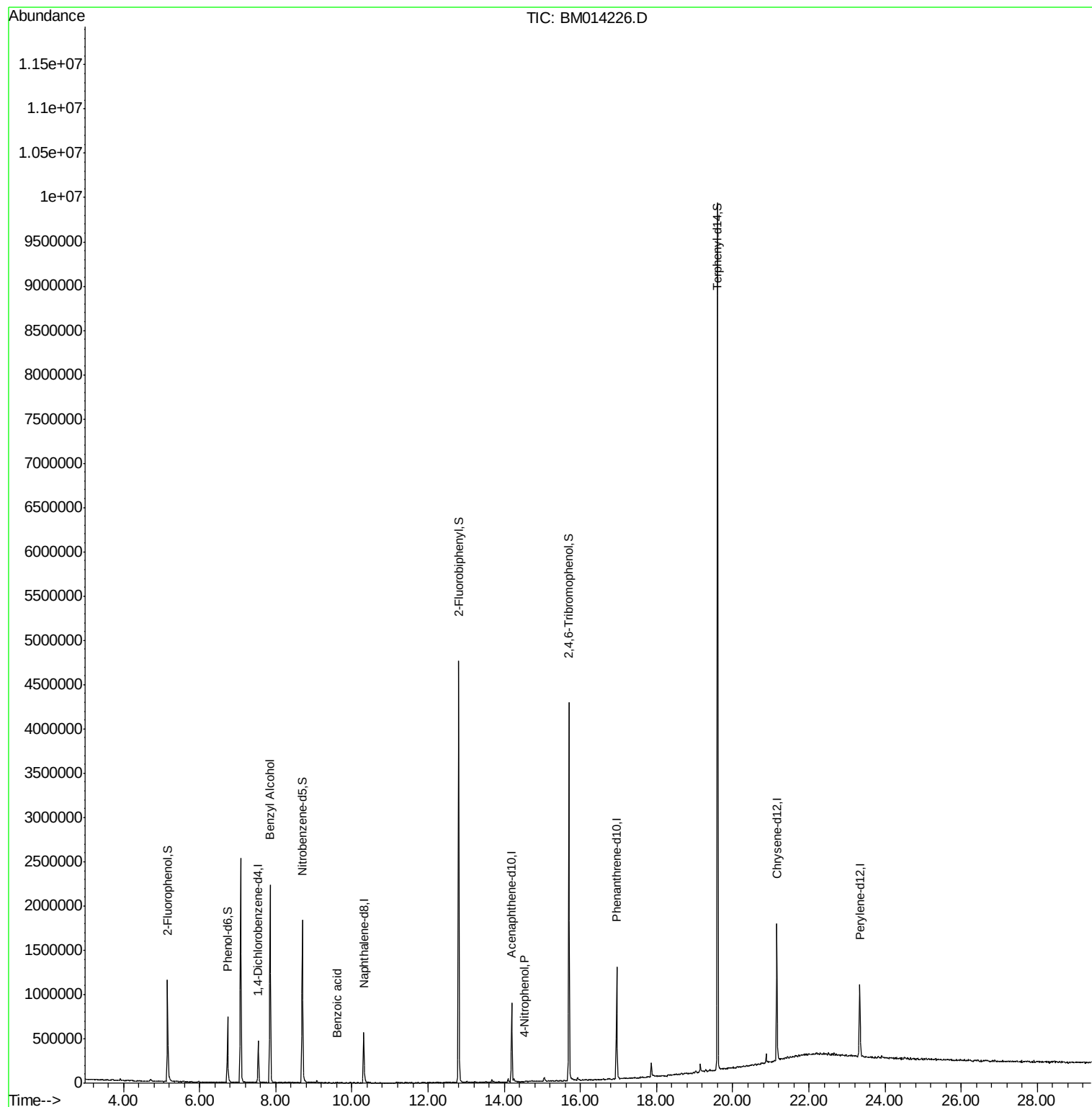
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	103201	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	425370	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	261428	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	688765	20.00	ng	0.00
75) Chrysene-d12	21.16	240	734797	20.00	ng	0.00
86) Perylene-d12	23.33	264	559340	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	423590	71.54	ng	0.00
7) Phenol-d6	6.73	99	343548	40.97	ng	0.00
23) Nitrobenzene-d5	8.70	82	972712	102.14	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	545496	147.05	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2036392	97.24	ng	0.00
78) Terphenyl-d14	19.60	244	3923520	104.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	17696	2.28	ng	# 44
32) Benzoic acid	9.62	122	119	6.21	ng	# 1
55) 4-Nitrophenol	14.53	139	201	5.84	ng	# 9

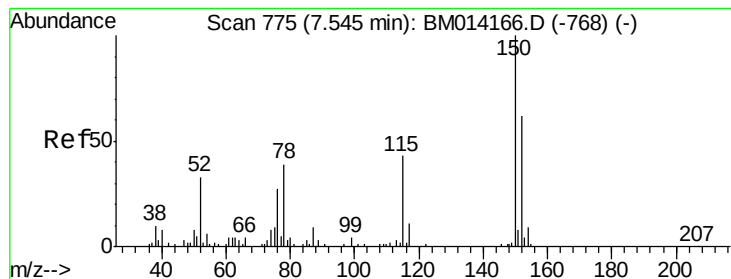
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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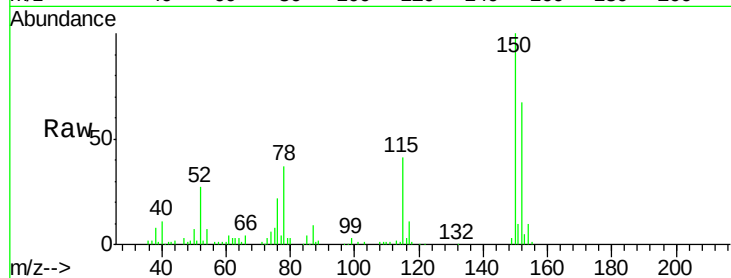


#1

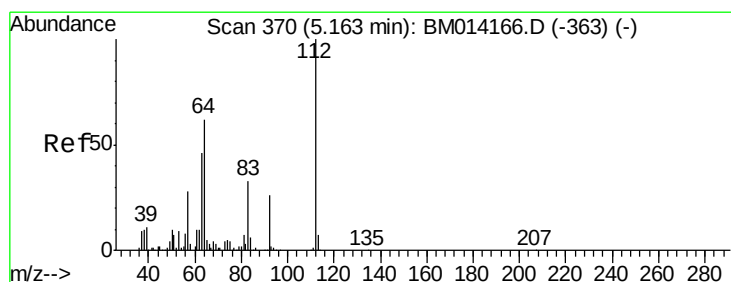
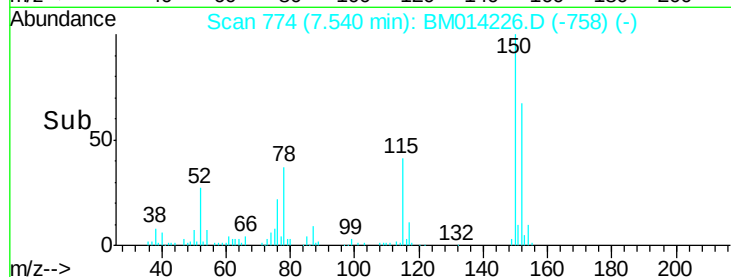
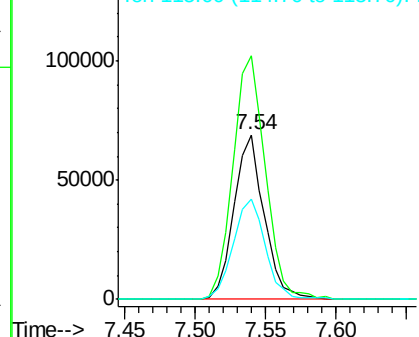
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	60.8	43.0	64.4



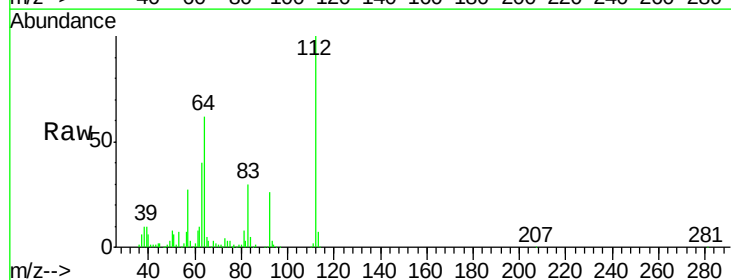
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



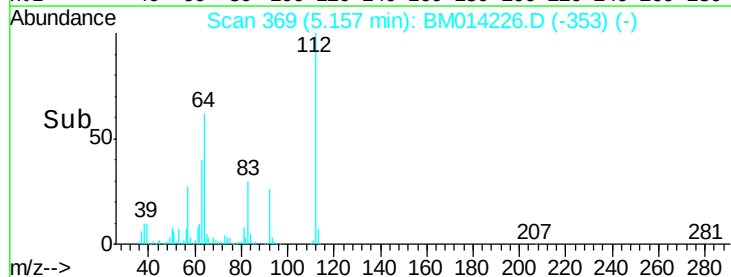
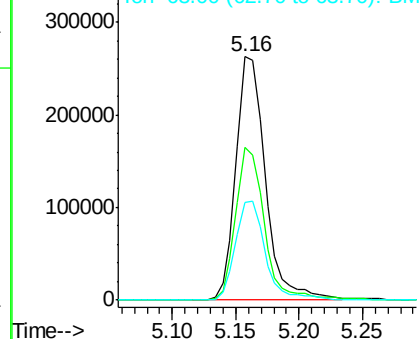
#5

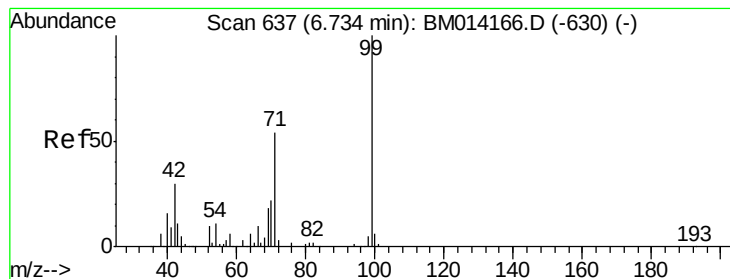
2-Fluorophenol
Concen: 71.54 ng
RT: 5.16 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	38.6	57.8#
63	39.9	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: 40.97 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014226.D

Acq: 13 Feb 2018 18:09

Instrument :

BNA_M

ClientSampled :

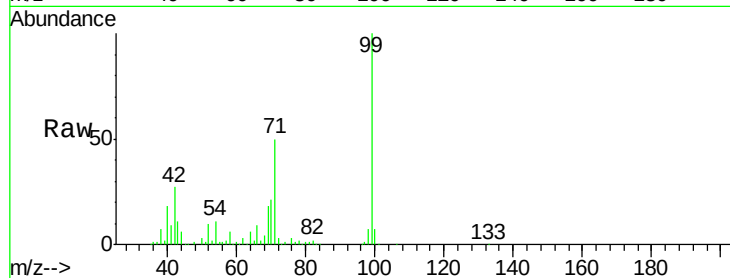
Tot Ion: 99 Resp: 343548

Ion Ratio Lower Upper

99 100

42 27.3 11.0 16.4#

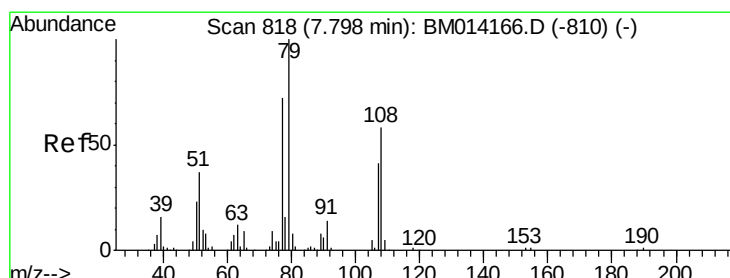
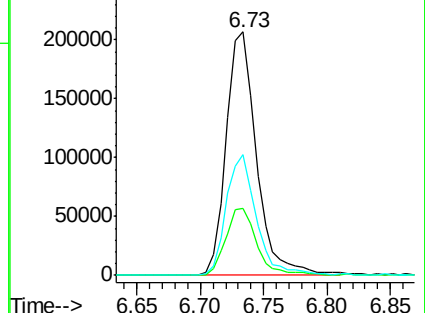
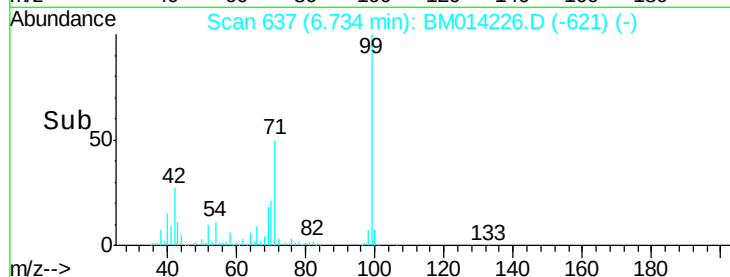
71 49.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 7.85 min Scan# 826

Delta R.T. 0.05 min

Lab File: BM014226.D

Acq: 13 Feb 2018 18:09

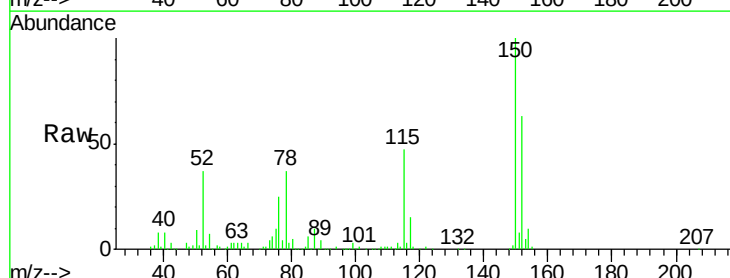
Tgt Ion: 79 Resp: 17696

Ion Ratio Lower Upper

79 100

108 41.2 65.0 97.4#

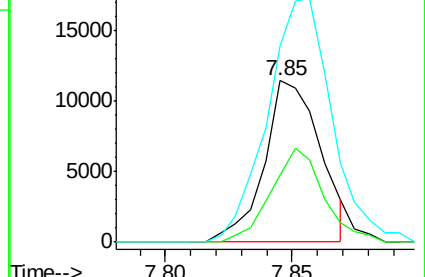
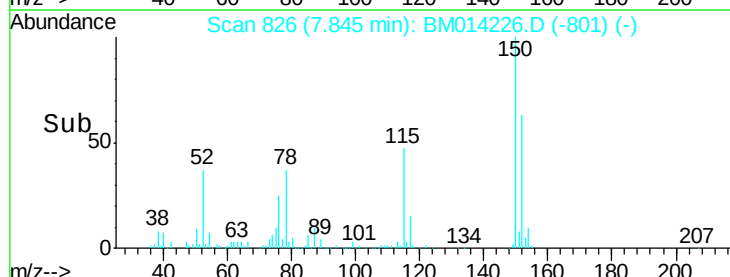
77 121.6 53.0 79.6#

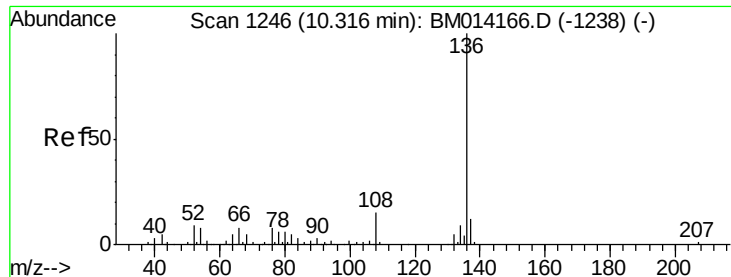


Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014166.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-810) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014226.D

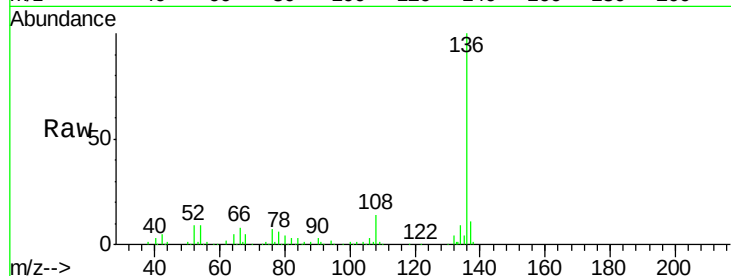
Acq: 13 Feb 2018 18:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	425370
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	8.7	4.6 6.8#
68	5.0	3.7 5.5

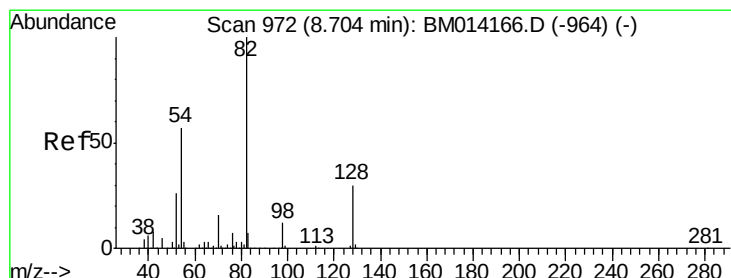
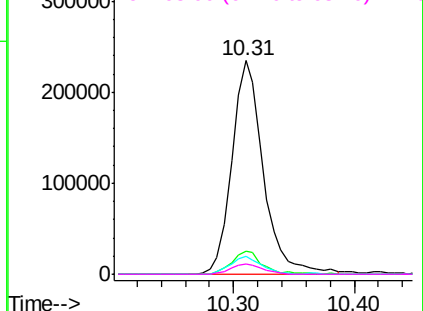
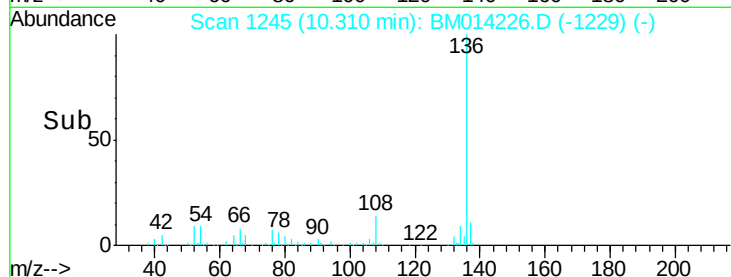


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 102.14 ng

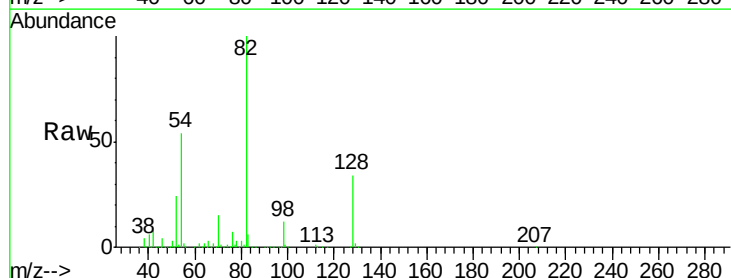
RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014226.D

Acq: 13 Feb 2018 18:09

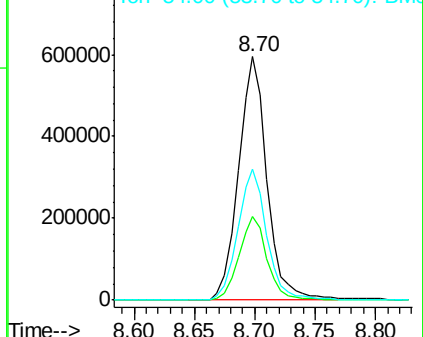
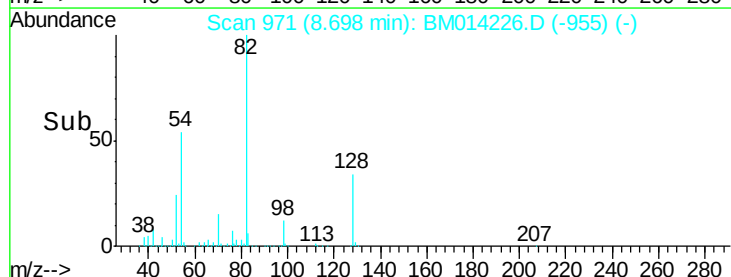
Tgt Ion: 82	Resp:	972712
Ion Ratio	Lower	Upper
82	100	
128	34.5	32.8 49.2
54	54.0	40.6 60.8

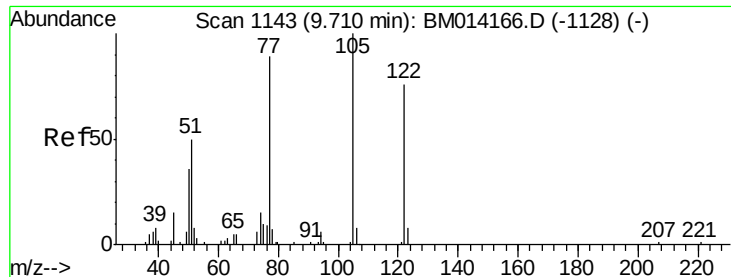


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

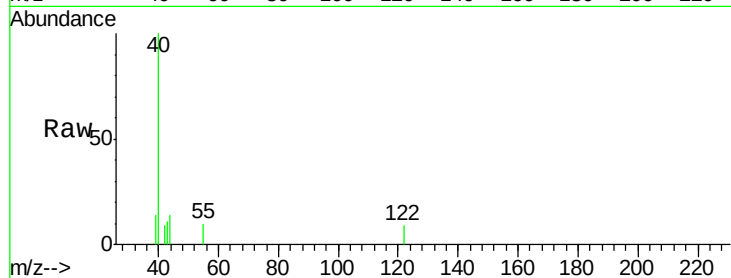




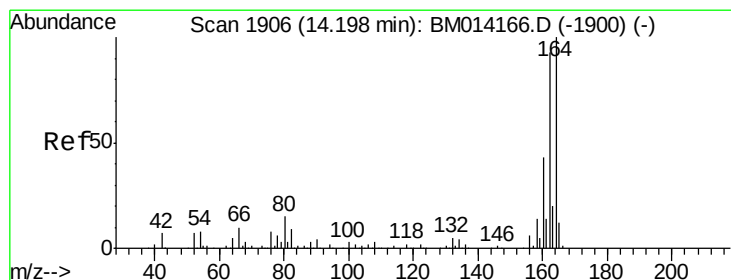
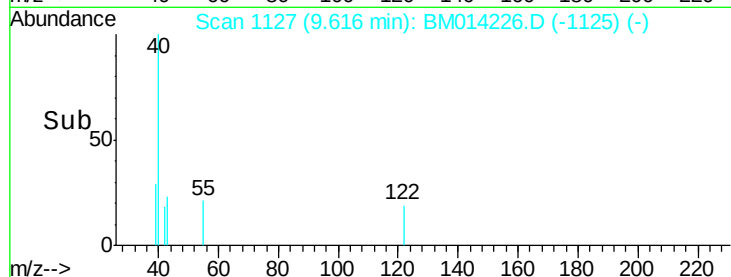
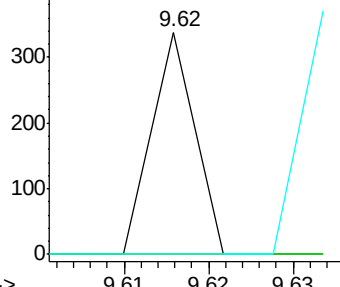
#32
Benzoic acid
Concen: 6.21 ng
RT: 9.62 min Scan# 1127
Delta R.T. -0.09 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	0.0	73.7	113.7#

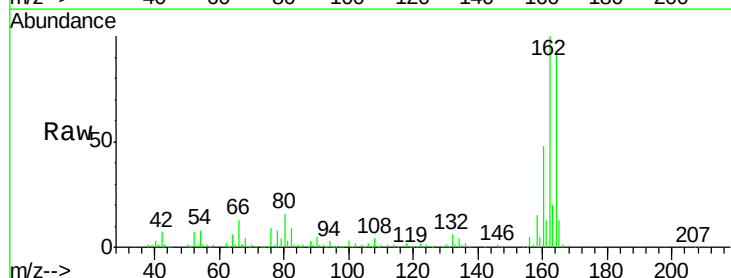


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0

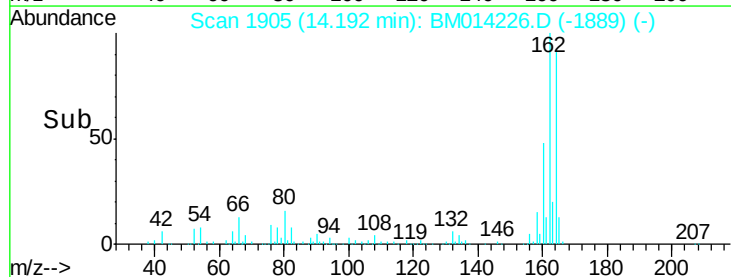
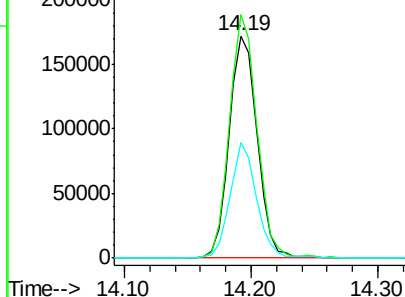


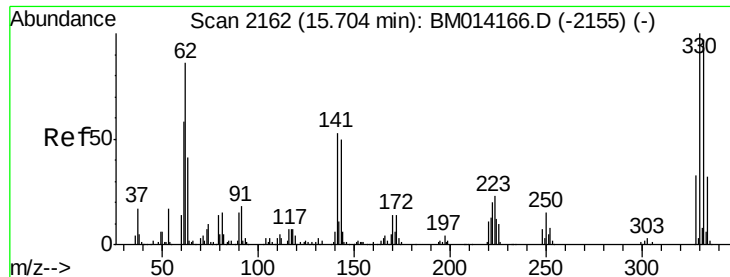
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.6	82.4	123.6
160	52.2	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

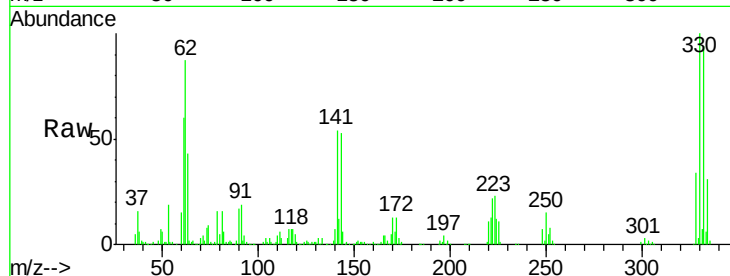




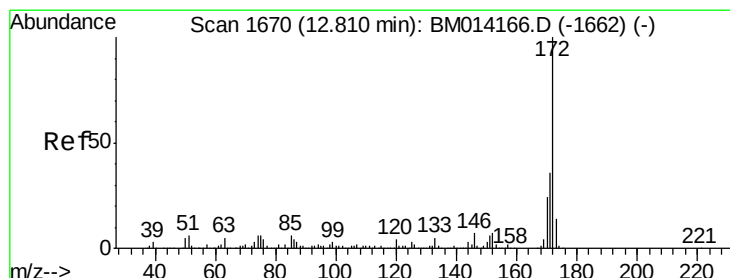
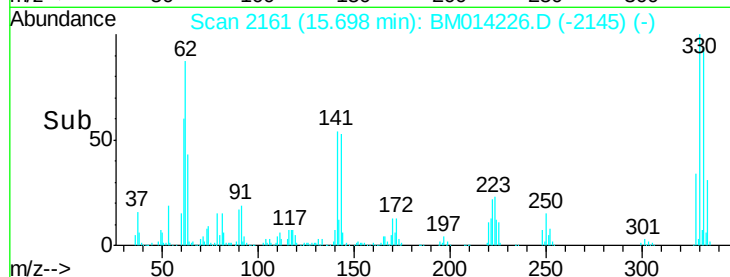
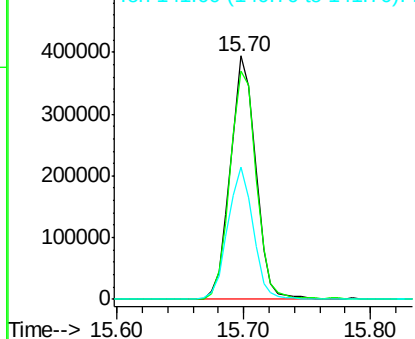
#41
2,4,6-Tribromophenol
Concen: 147.05 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Instrument :
BNA_M
ClientSampled :

Tot Ion:330 Resp: 545496
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 54.4 0.0 0.0#

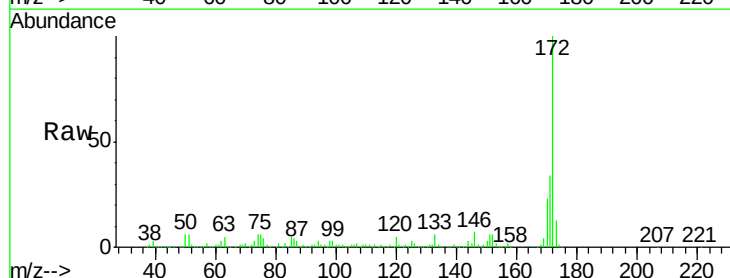


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

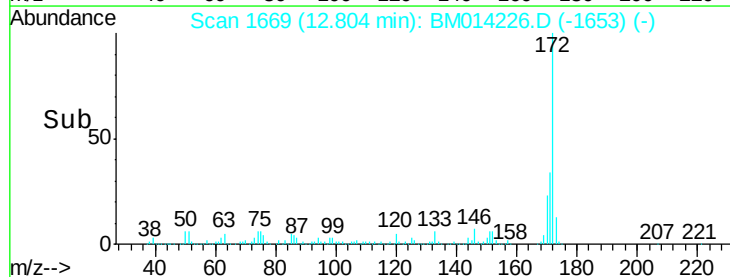
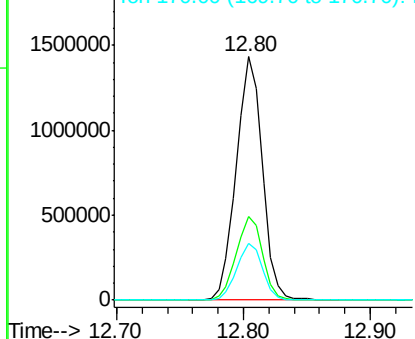


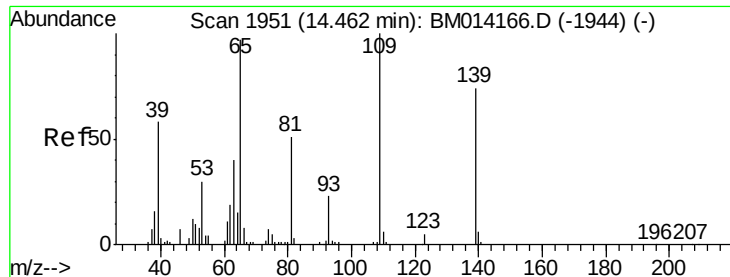
#44
2-Fluorobiphenyl
Concen: 97.24 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Tgt Ion:172 Resp: 2036392
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.2 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

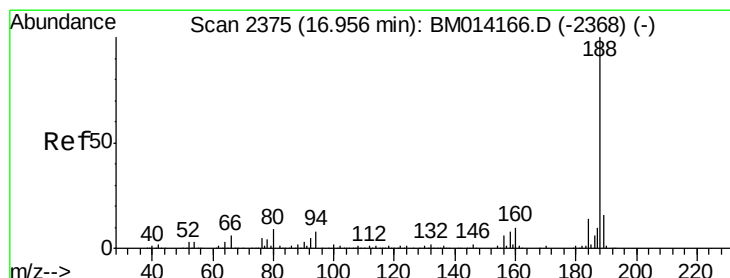
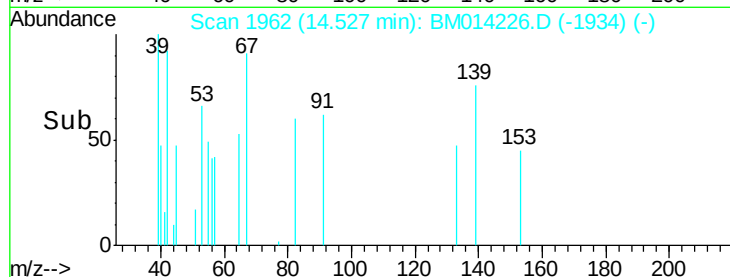
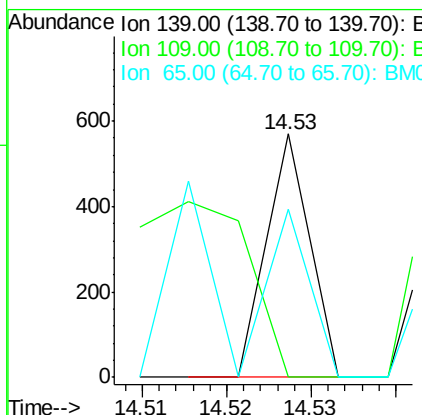
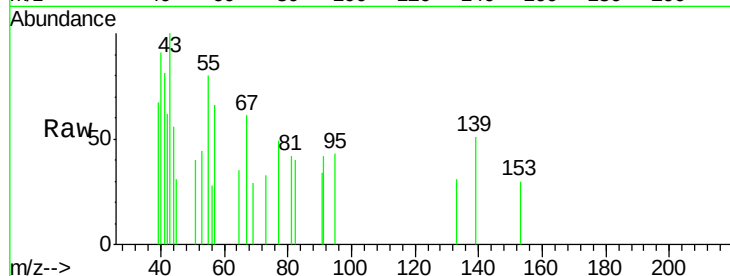




#55
4-Nitrophenol
Concen: 5.84 ng
RT: 14.53 min Scan# 1962
Delta R.T. 0.07 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

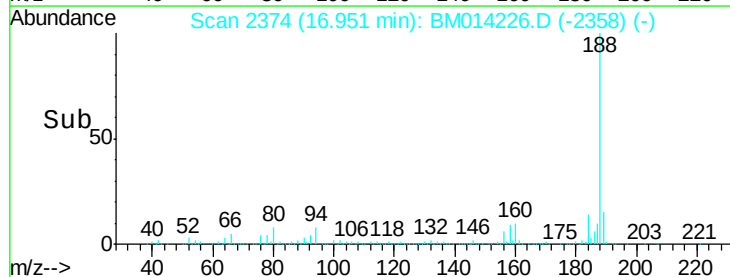
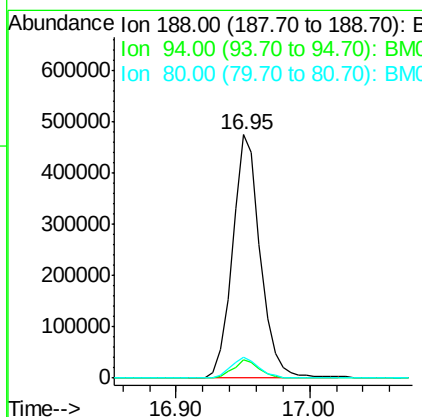
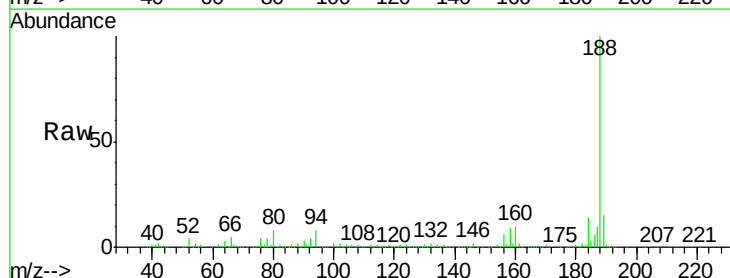
Instrument :
BNA_M
ClientSampled :

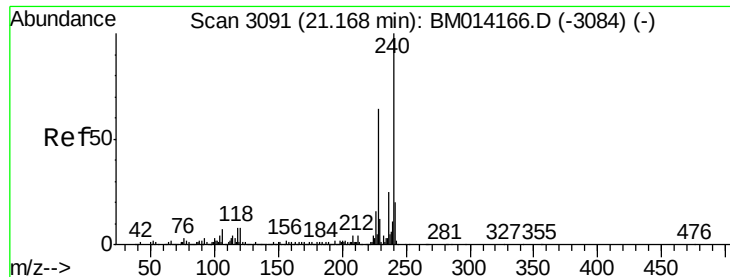
Tot Ion:139 Resp: 201
Ion Ratio Lower Upper
139 100
109 0.0 130.0 170.0#
65 69.1 130.0 170.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Tgt Ion:188 Resp: 688765
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.4 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014226.D

Acq: 13 Feb 2018 18:09

Instrument :

BNA_M

ClientSampleId :

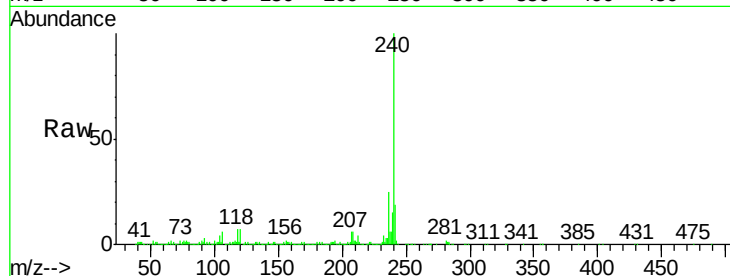
Tot Ion:240 Resp: 734797

Ion Ratio Lower Upper

240 100

120 7.2 8.2 12.2#

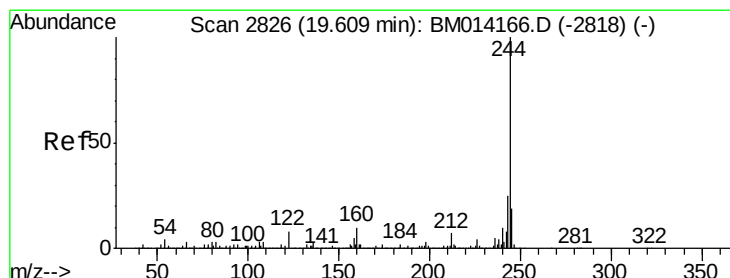
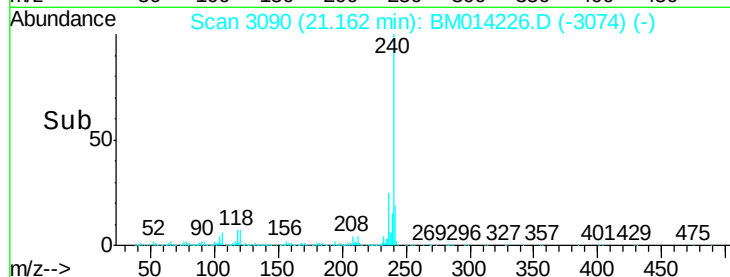
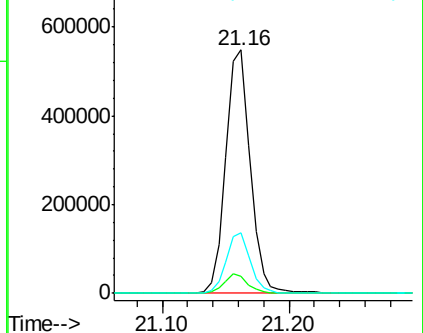
236 24.7 20.0 30.0



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: 104.33 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014226.D

Acq: 13 Feb 2018 18:09

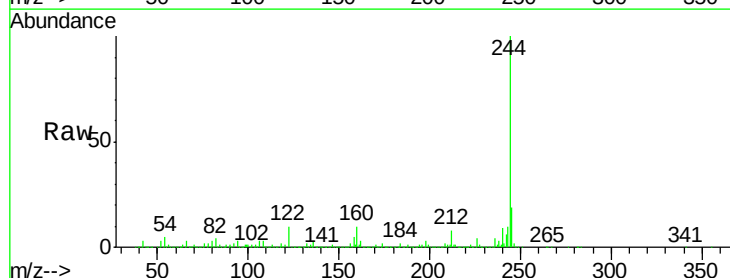
Tgt Ion:244 Resp: 3923520

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

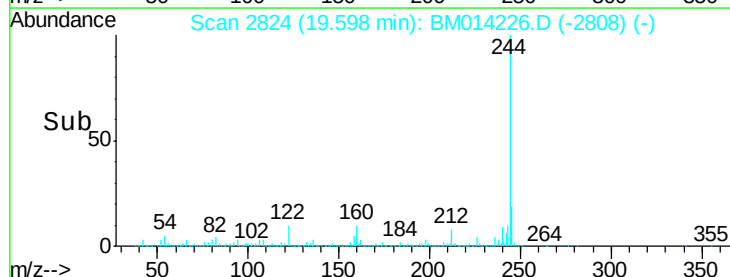
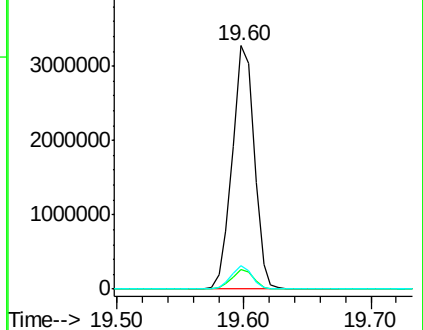
122 9.5 6.2 9.4#

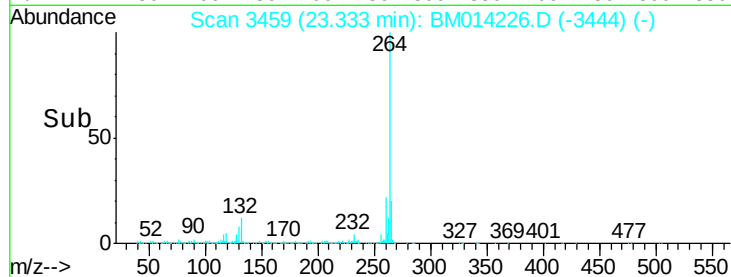
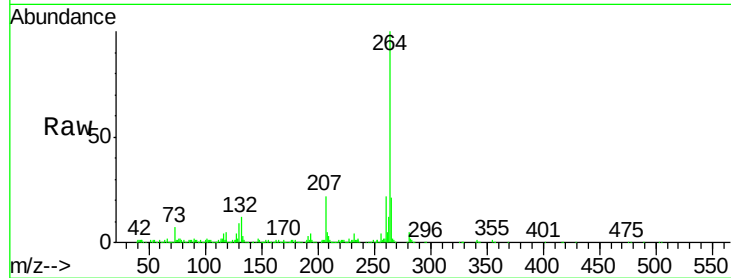
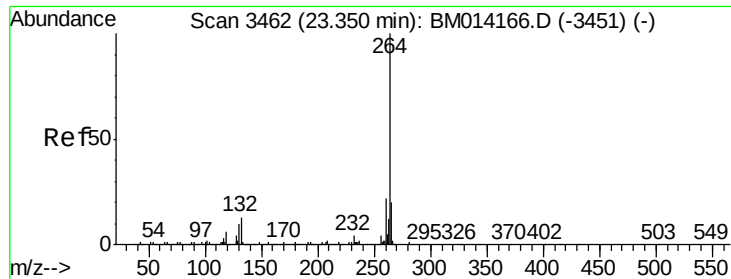


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014226.D
Acq: 13 Feb 2018 18:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	559340
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	20.6	17.3	25.9

