

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014214.D
 Acq On : 09 Feb 2018 14:10
 Operator : SJ/JU
 Sample : J1506-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-22(14-16)

Quant Time: Feb 10 02:50:12 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

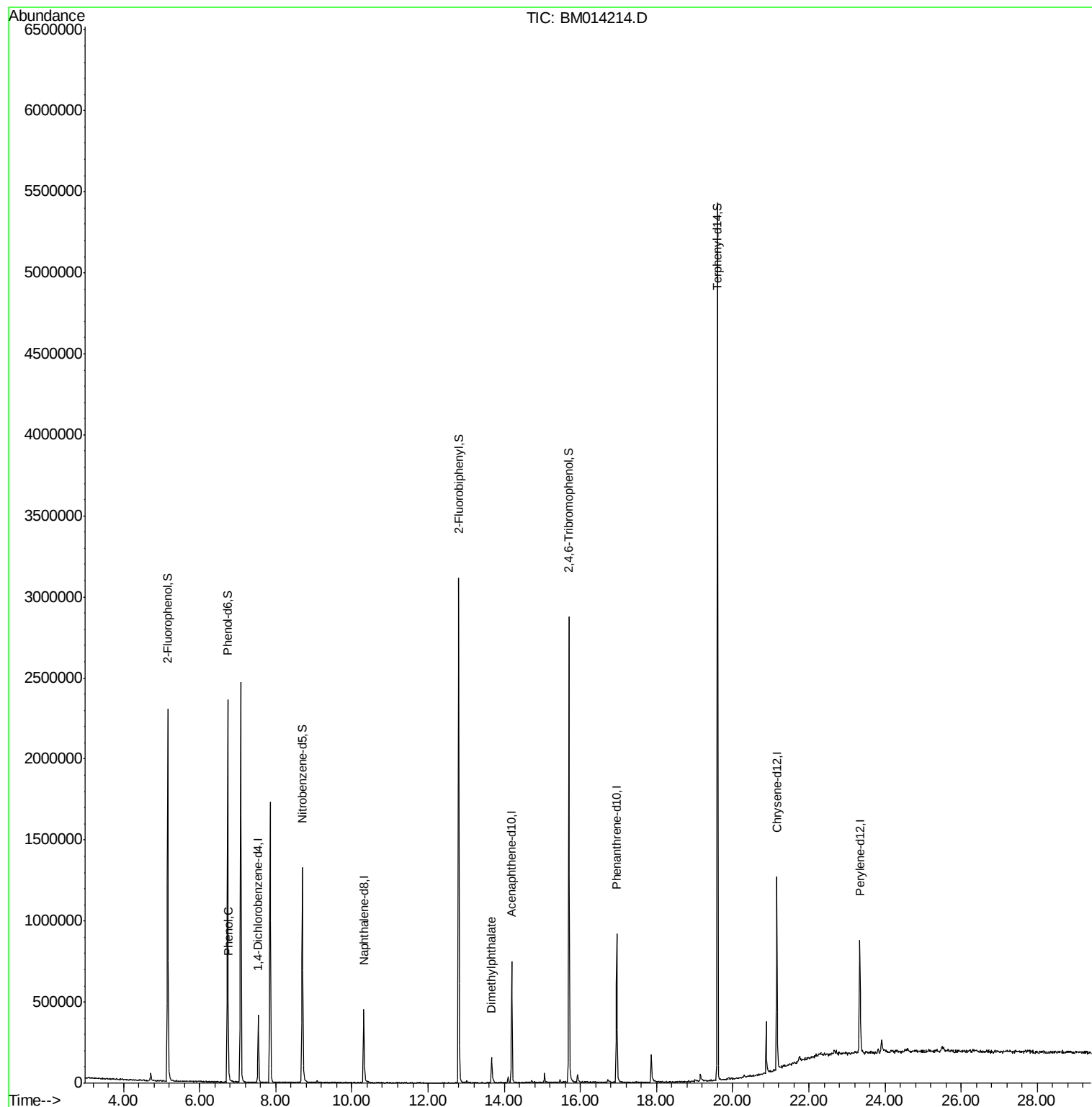
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	88182	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	342071	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	223108	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	525292	20.00	ng	0.00
75) Chrysene-d12	21.16	240	567221	20.00	ng	0.00
86) Perylene-d12	23.34	264	515824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	749883	148.22	ng	0.00
7) Phenol-d6	6.73	99	1006973	140.53	ng	0.00
23) Nitrobenzene-d5	8.70	82	705402	92.11	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	370247	116.95	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1349783	75.52	ng	0.00
78) Terphenyl-d14	19.60	244	2112844	72.78	ng	0.00
Target Compounds						
10) Phenol	6.76	94	19012	2.688	ng	Qvalue # 83
49) Dimethylphthalate	13.67	163	101959	5.105	ng	# 98

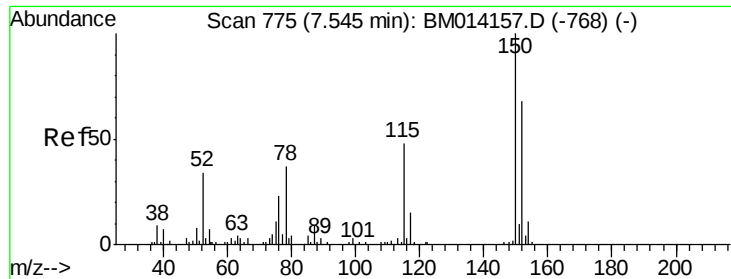
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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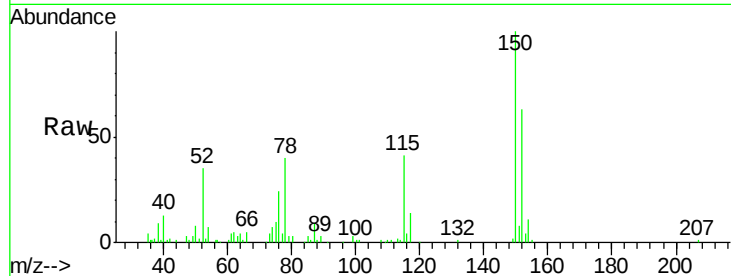


#1

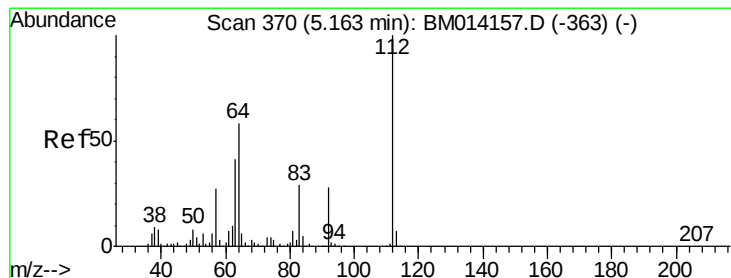
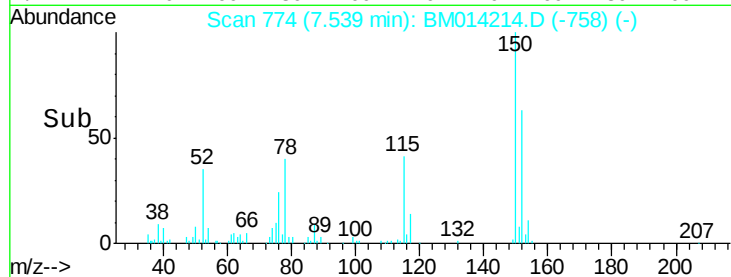
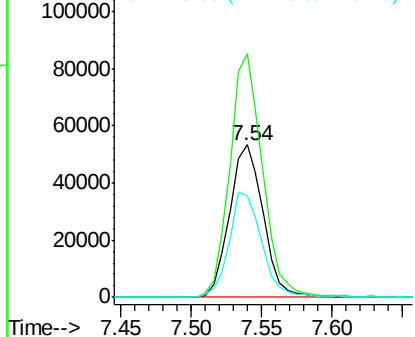
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014214.D
Acq: 09 Feb 2018 14:10

Instrument :
BNA_M
ClientSampled :
B-22(14-16)

Tot Ion:152 Resp: 88182
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 66.1 43.0 64.4#



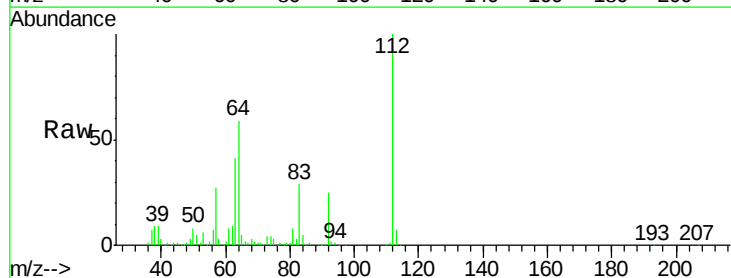
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



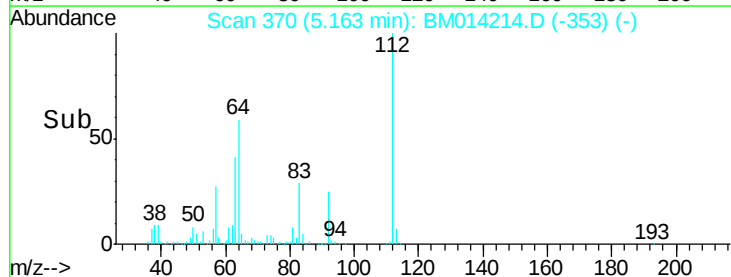
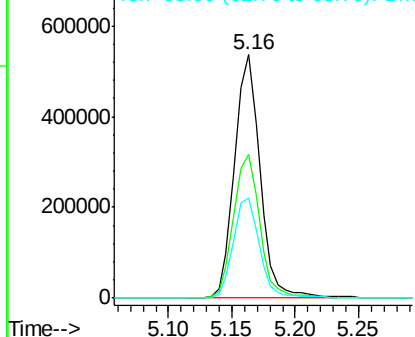
#5

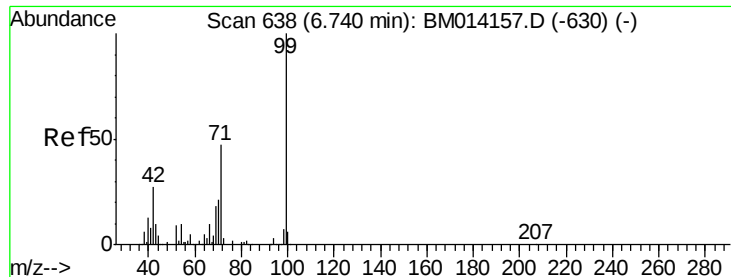
2-Fluorophenol
Concen: 148.220 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014214.D
Acq: 09 Feb 2018 14:10

Tgt Ion:112 Resp: 749883
Ion Ratio Lower Upper
112 100
64 59.0 38.6 57.8#
63 41.3 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: 140.534 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

Instrument :

BNA_M

ClientSampled :

B-22(14-16)

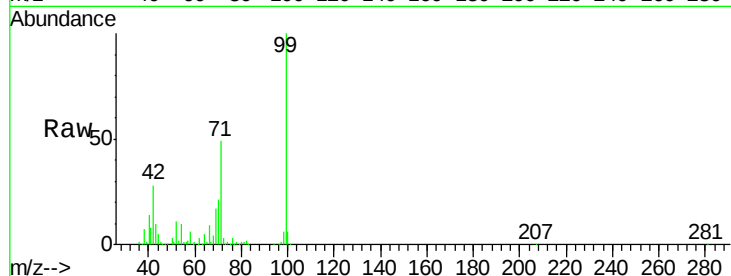
Tot Ion: 99 Resp: 1006973

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

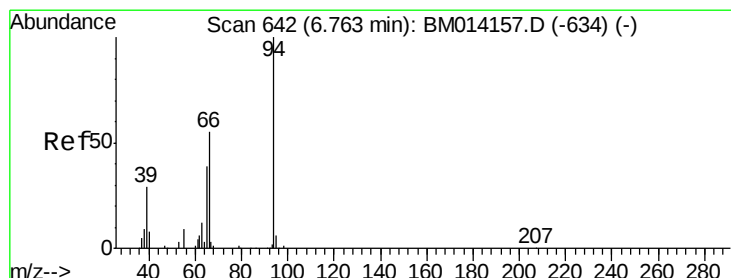
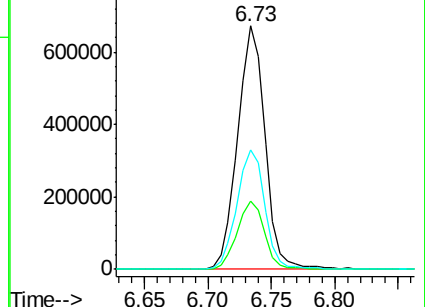
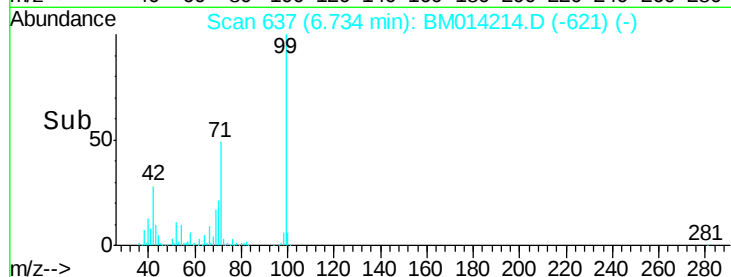
71 48.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014214.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014214.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014214.D (-621) (-)



#10

Phenol

Concen: 2.688 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

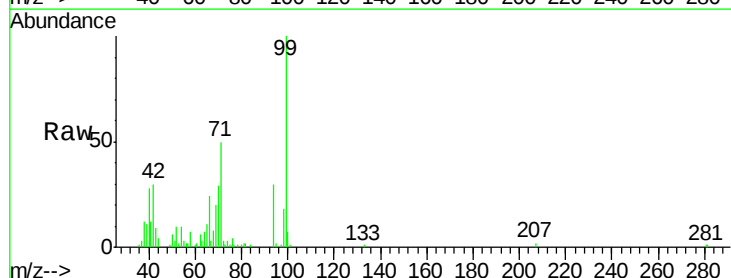
Tgt Ion: 94 Resp: 19012

Ion Ratio Lower Upper

94 100

65 37.8 18.8 58.8

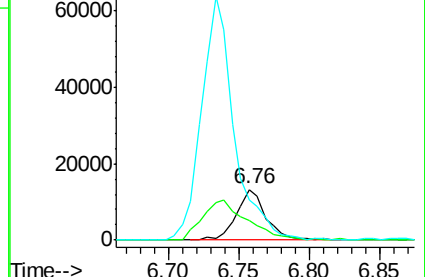
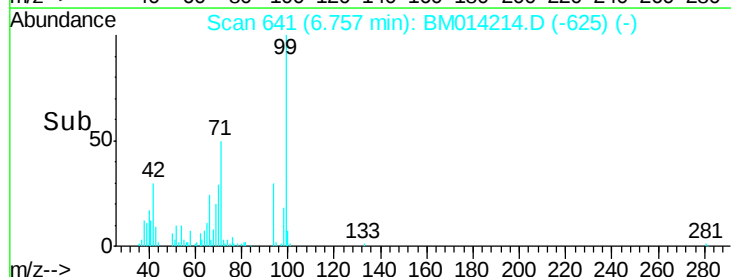
66 80.0 39.9 79.9#

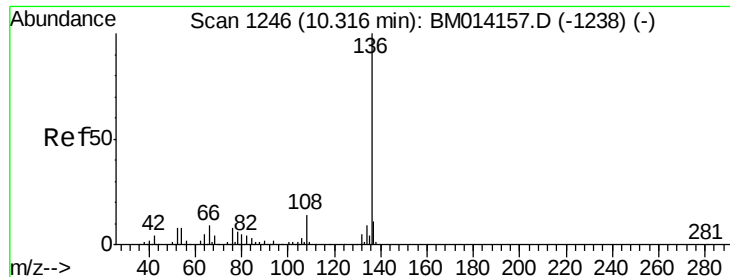


Abundance Ion 94.00 (93.70 to 94.70): BM014214.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM014214.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM014214.D (-625) (-)

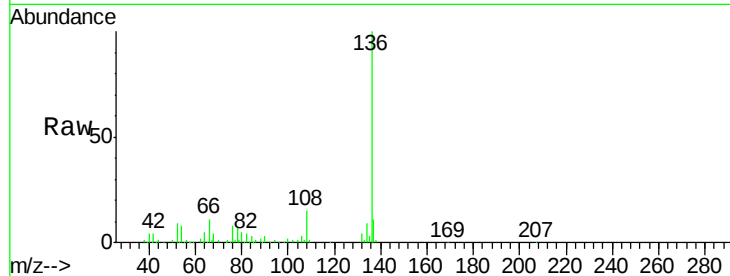




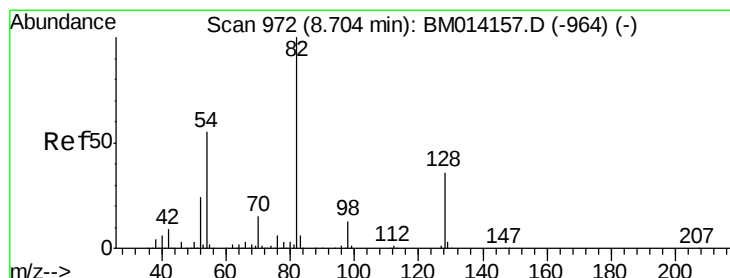
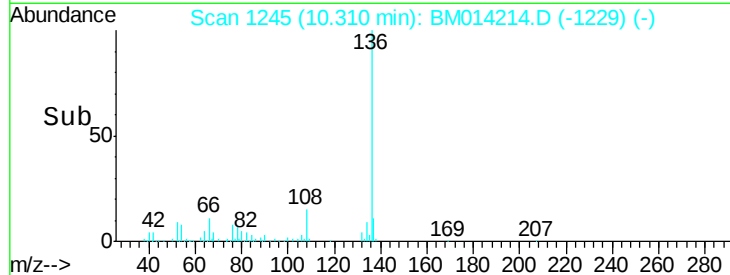
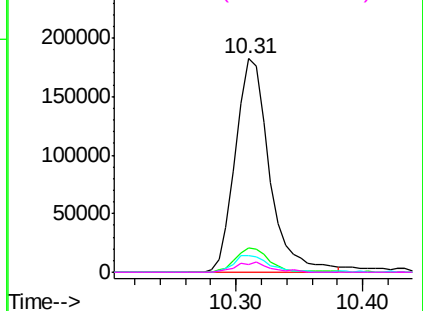
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014214.D
Acq: 09 Feb 2018 14:10

Instrument :
BNA_M
ClientSampleId :
B-22(14-16)

Tot Ion:136	Resp:	342071
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	7.7	4.6 6.8#
68	3.8	3.7 5.5

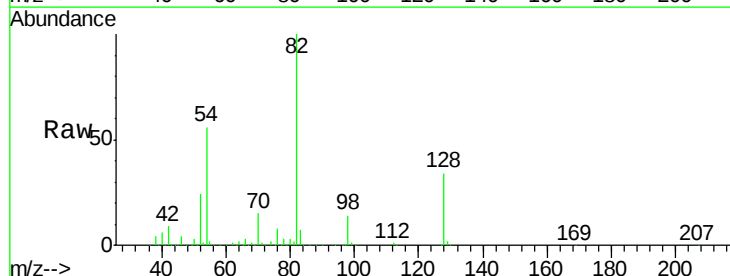


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

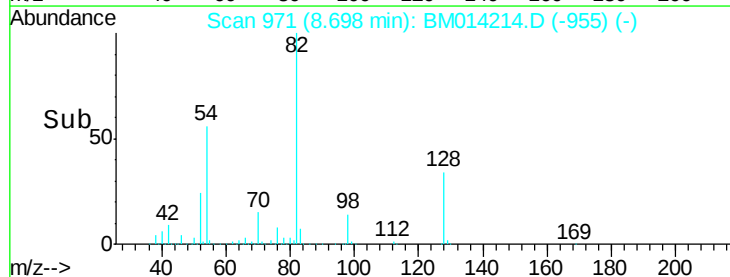
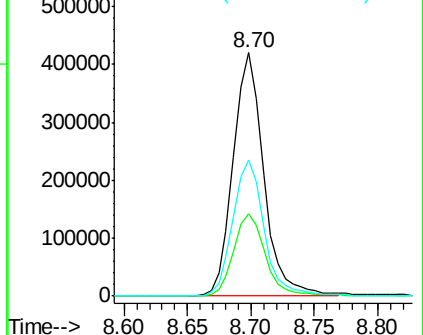


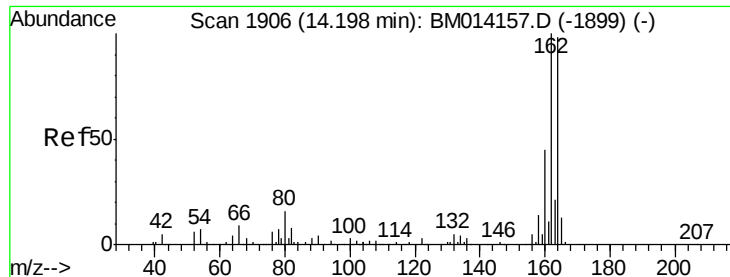
#23
Nitrobenzene-d5
Concen: 92.111 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014214.D
Acq: 09 Feb 2018 14:10

Tgt Ion: 82	Resp:	705402
Ion	Ratio	Lower Upper
82	100	
128	33.7	32.8 49.2
54	55.7	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

Instrument :

BNA_M

ClientSampleId :

B-22(14-16)

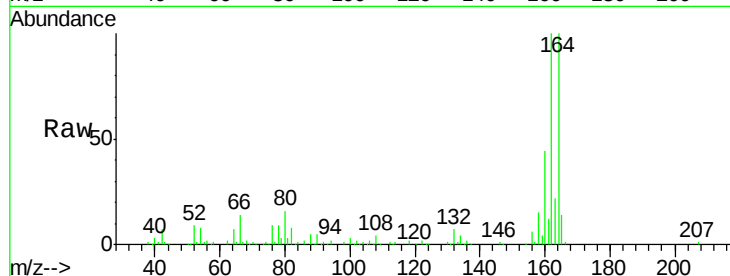
Tot Ion:164 Resp: 223108

Ion Ratio Lower Upper

164 100

162 100.4 82.4 123.6

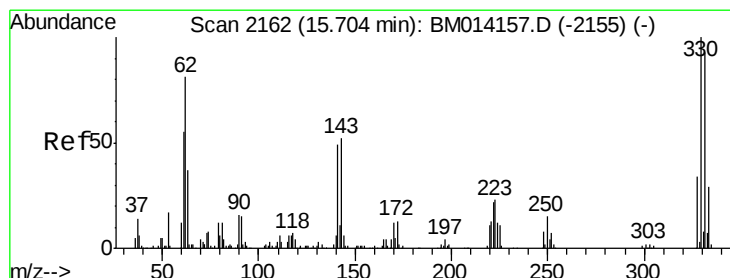
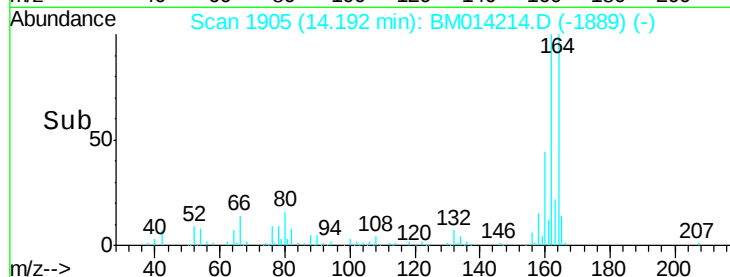
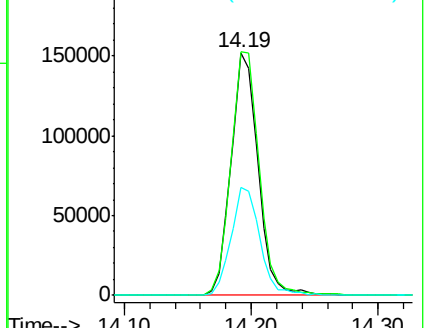
160 44.3 35.8 53.6



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: 116.951 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

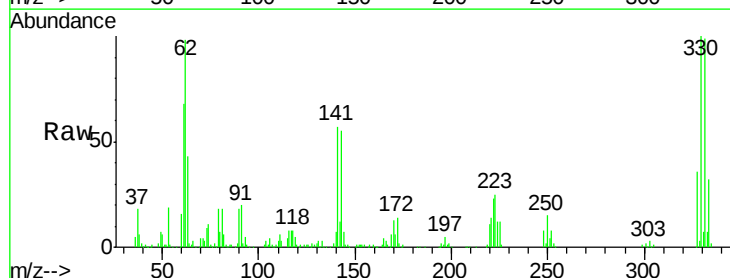
Tgt Ion:330 Resp: 370247

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

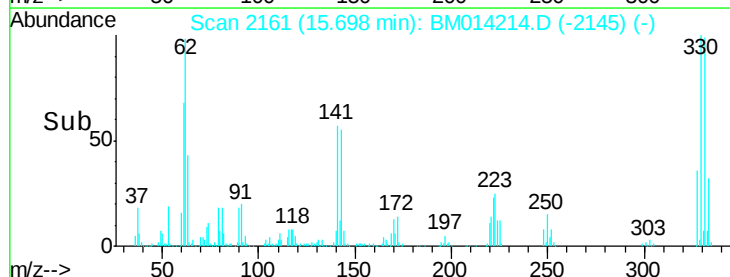
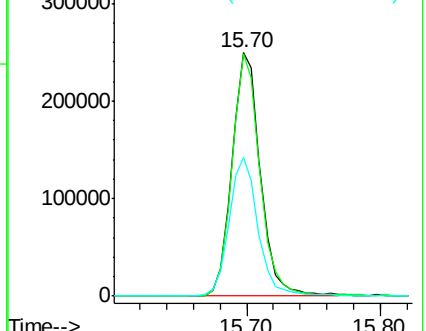
141 57.9 0.0 0.0#

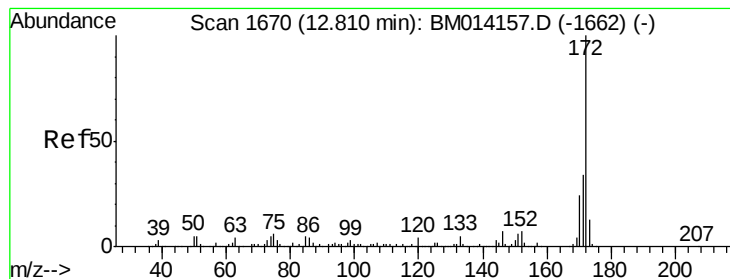


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 75.522 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

Instrument :

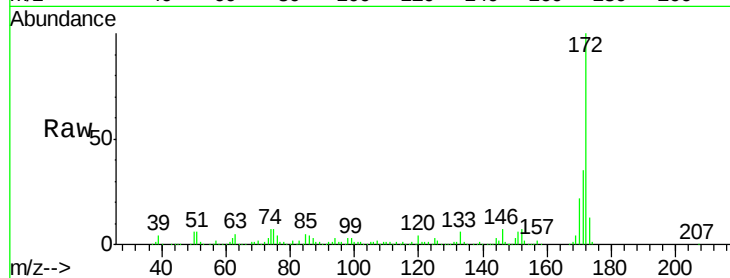
BNA_M

ClientSampleId :

B-22(14-16)

Tot Ion:172 Resp: 1349783

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.1	18.8	28.2

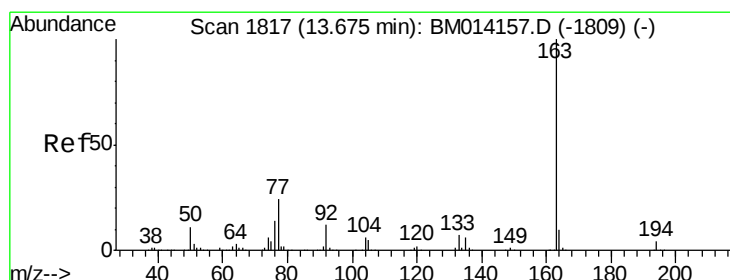
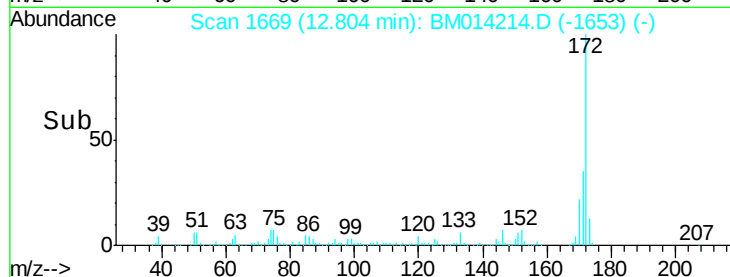
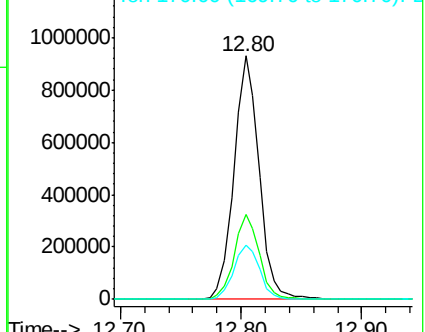


Abundance

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: 5.105 ng

RT: 13.67 min Scan# 1816

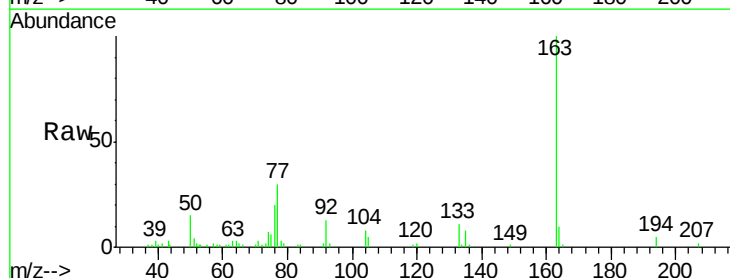
Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

Tgt Ion:163 Resp: 101959

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	9.7	8.2	12.2

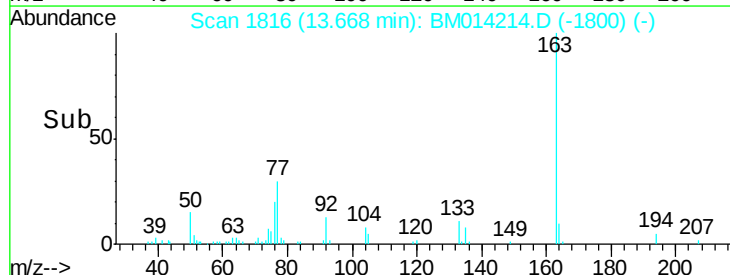
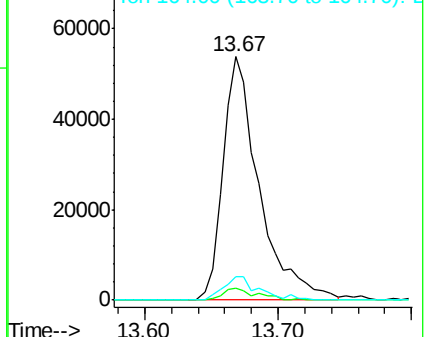


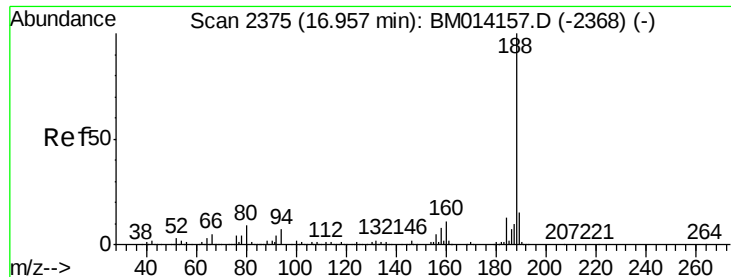
Abundance

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

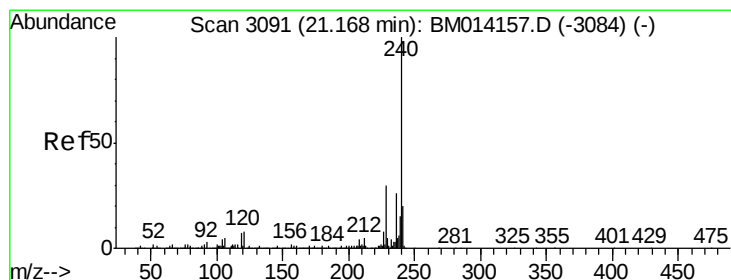
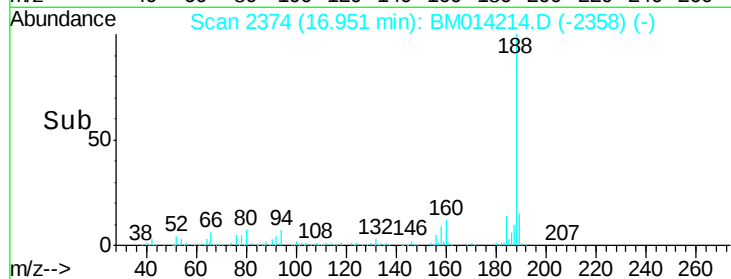
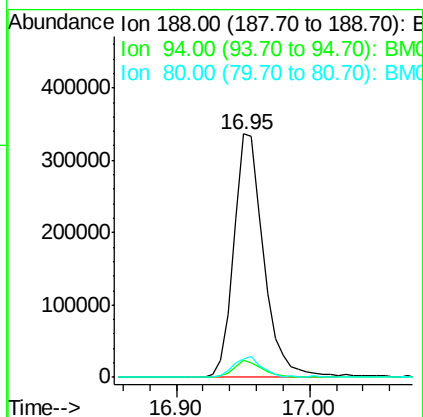
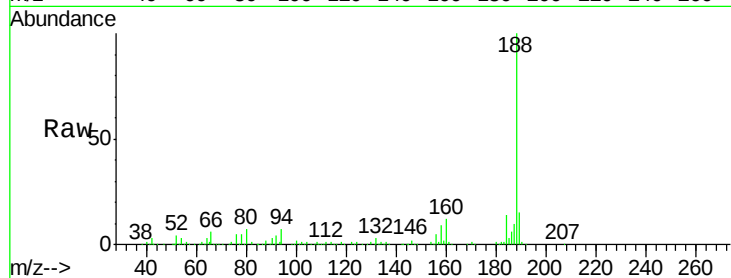




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014214.D
Acq: 09 Feb 2018 14:10

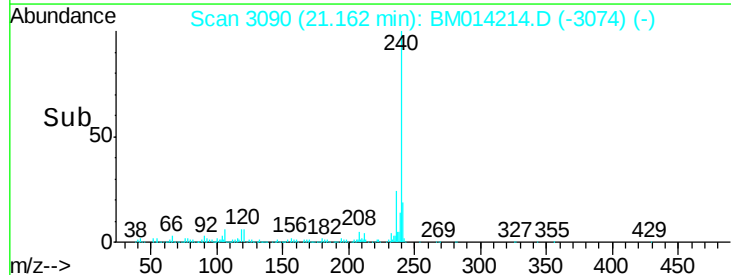
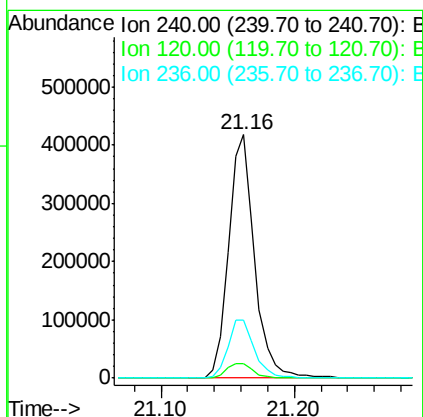
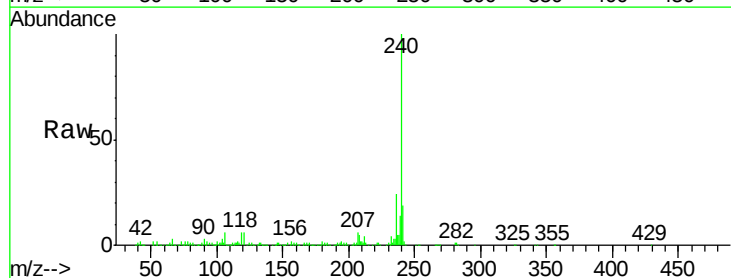
Instrument :
BNA_M
ClientSampleId :
B-22(14-16)

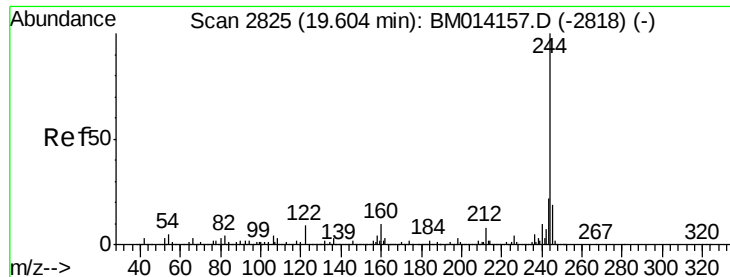
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	7.4	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014214.D
Acq: 09 Feb 2018 14:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	8.2	12.2#
236	23.9	20.0	30.0





#78

Terphenyl-d14

Concen: 72.782 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

Instrument :

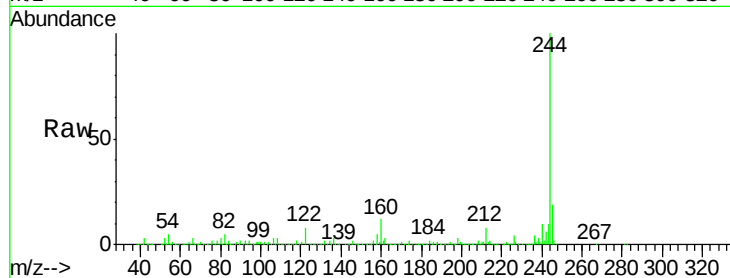
BNA_M

ClientSampleId :

B-22(14-16)

Tot Ion:244 Resp: 2112844

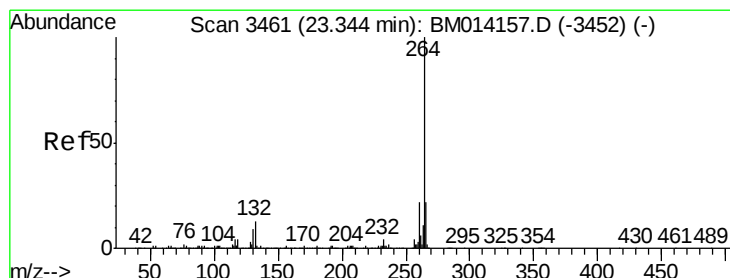
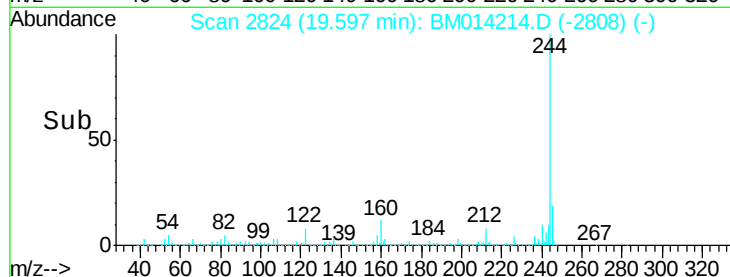
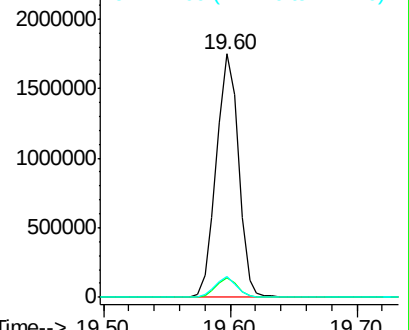
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	8.4	6.2	9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

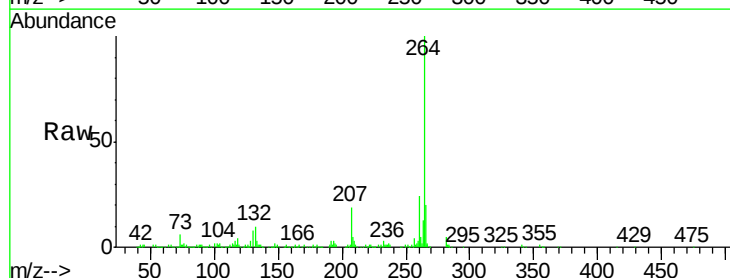
Delta R.T. -0.01 min

Lab File: BM014214.D

Acq: 09 Feb 2018 14:10

Tgt Ion:264 Resp: 515824

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.4	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

