

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009521.D
 Acq On : 04 Apr 2017 07:37
 Operator : SJ/MA
 Sample : I2508-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-B53-B57-001RE

Quant Time: Apr 04 11:11:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

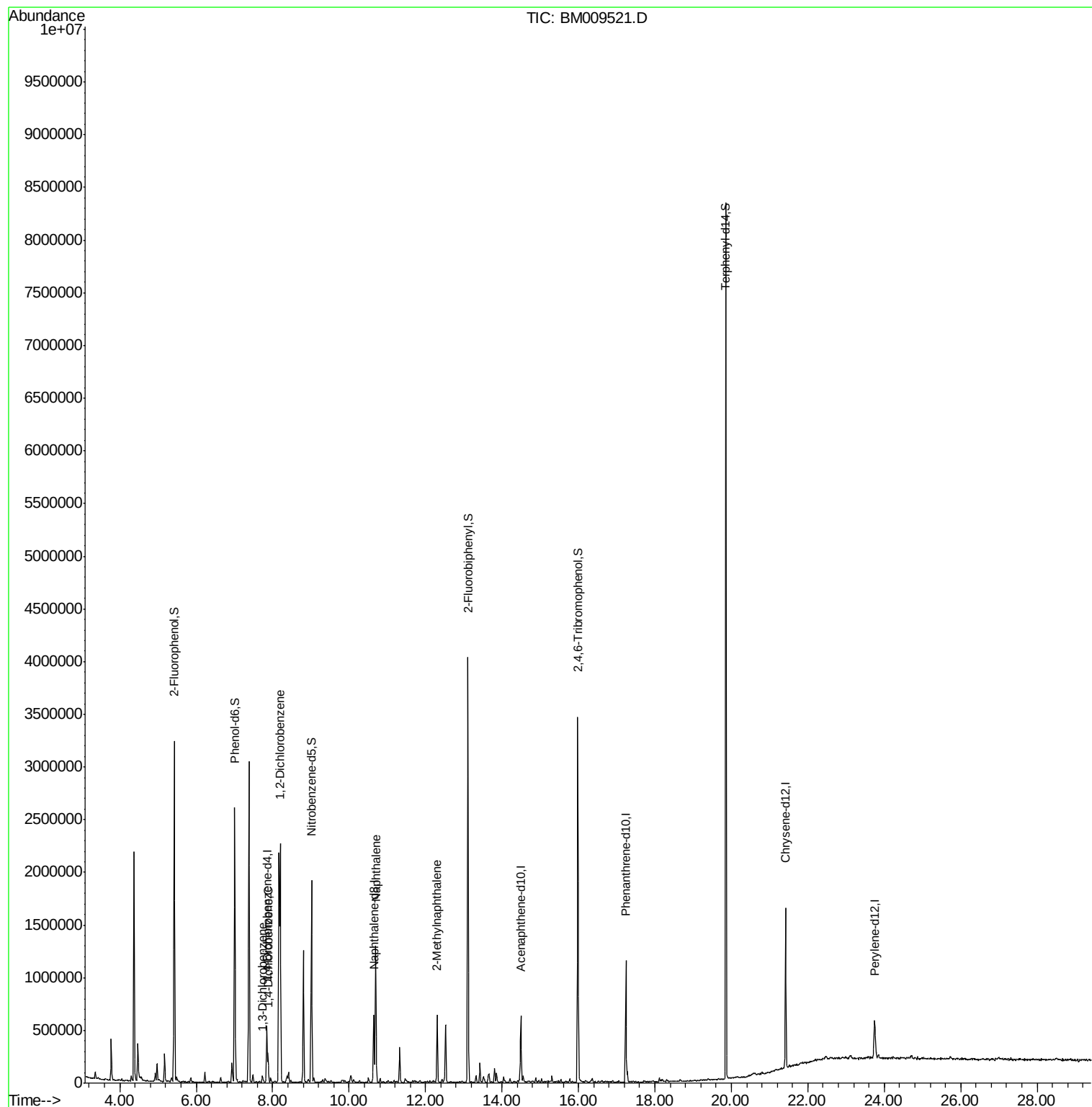
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	118392	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	446721	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	166567	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	572272	20.00	ng	-0.01
75) Chrysene-d12	21.41	240	620610	20.00	ng	-0.01
86) Perylene-d12	23.74	264	117029	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1050423	147.89	ng	-0.01
7) Phenol-d6	7.01	99	1138386	117.53	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1101516	92.45	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	506226	244.64	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1908573	138.07	ng	-0.01
78) Terphenyl-d14	19.86	244	3148647	106.02	ng	-0.01
Target Compounds						
12) 1,3-Dichlorobenzene	7.73	146	19296	2.24	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	85527	9.60	ng	# 89
14) 1,2-Dichlorobenzene	8.20	146	734683	84.92	ng	# 94
31) Naphthalene	10.69	128	894927	37.74	ng	100
37) 2-Methylnaphthalene	12.30	142	255180	15.59	ng	# 94

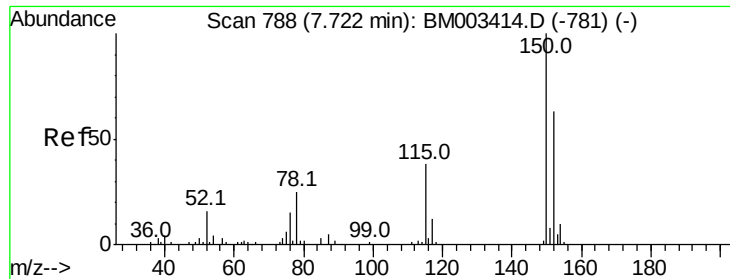
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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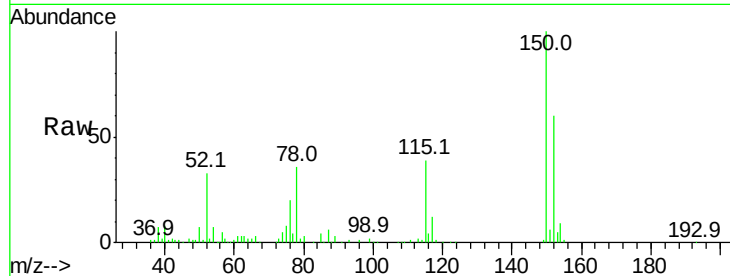


#1

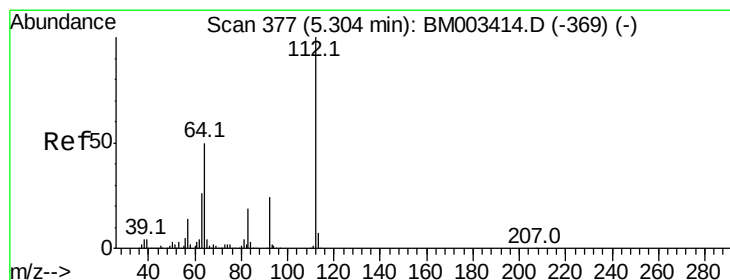
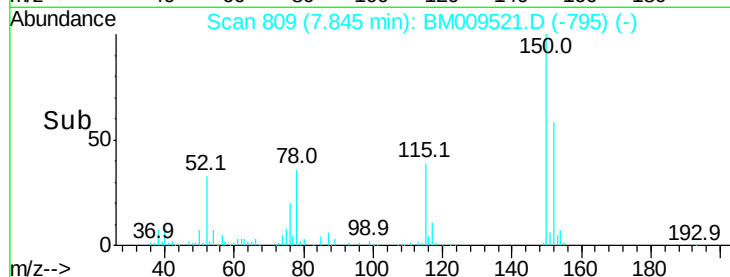
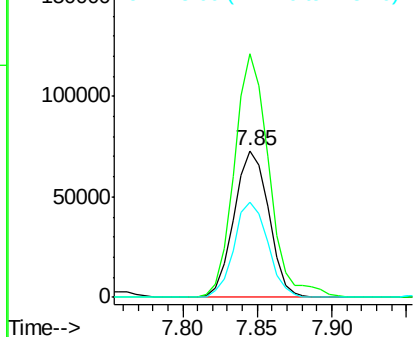
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009521.D
Acq: 04 Apr 2017 07:37

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001RE

Tot Ion:152 Resp: 118392
Ion Ratio Lower Upper
152 100
150 165.7 119.5 179.3
115 64.9 43.0 64.4#



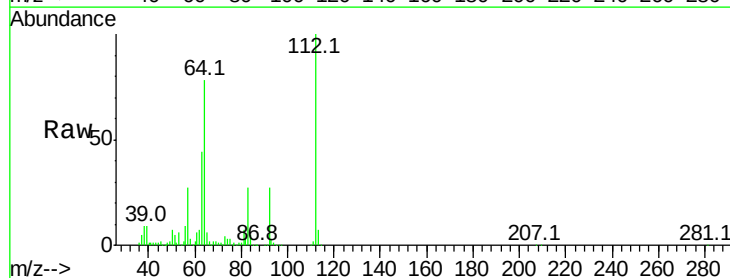
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



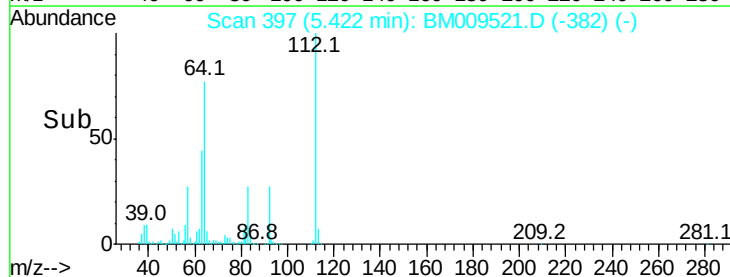
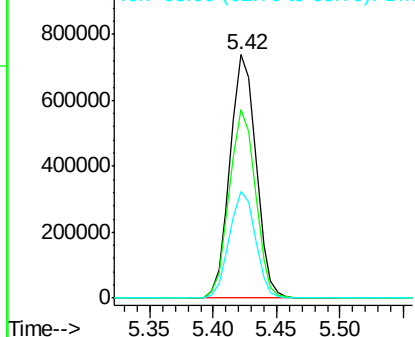
#5

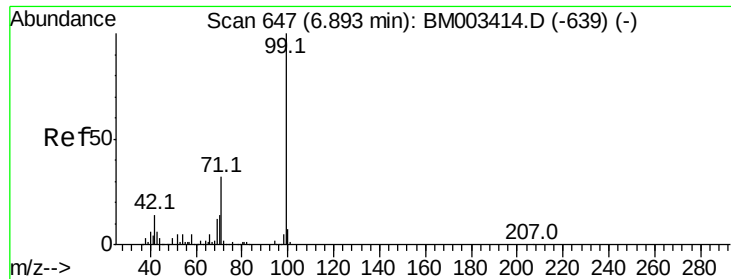
2-Fluorophenol
Concen: 147.89 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009521.D
Acq: 04 Apr 2017 07:37

Tgt Ion:112 Resp: 1050423
Ion Ratio Lower Upper
112 100
64 77.5 38.6 57.8#
63 43.8 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: 117.53 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009521.D

Acq: 04 Apr 2017 07:37

Instrument :

BNA_M

ClientSampleId :

WC-B53-B57-001RE

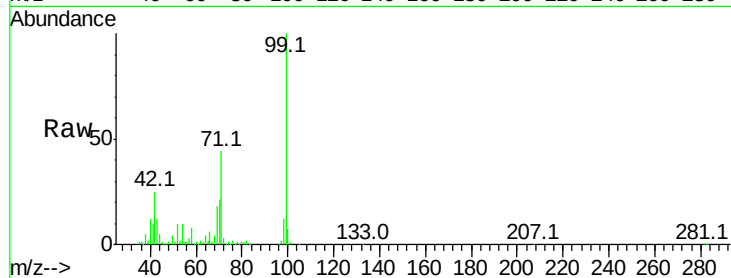
Tot Ion: 99 Resp: 1138386

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

71 44.1 23.4 35.2#

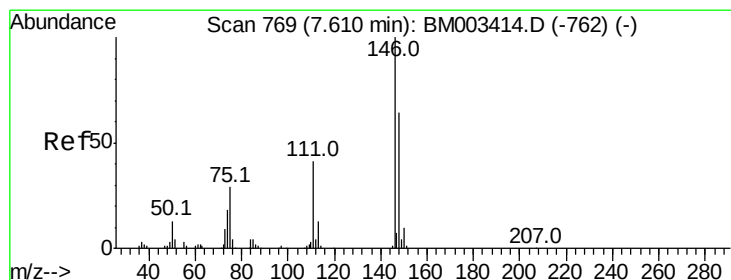
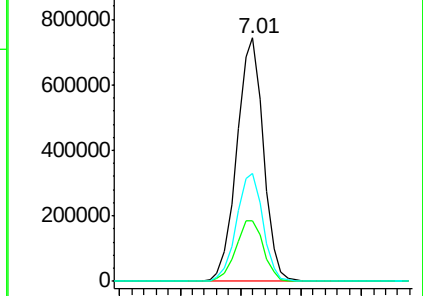
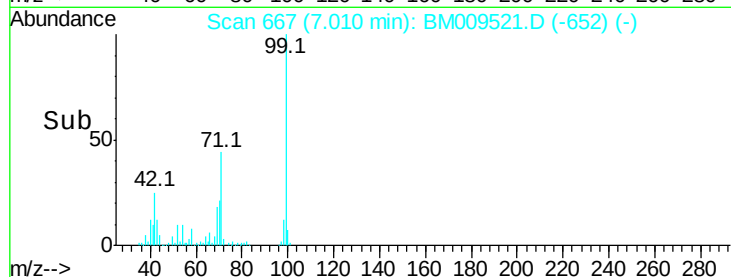


Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 2.24 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM009521.D

Acq: 04 Apr 2017 07:37

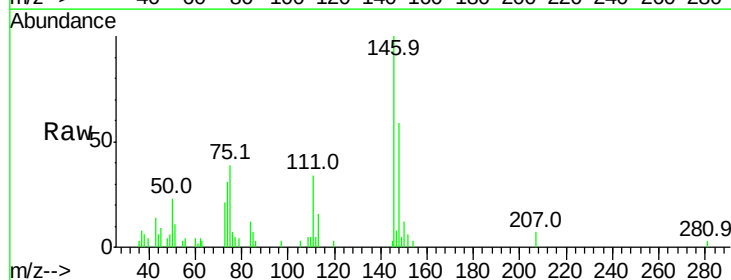
Tgt Ion: 146 Resp: 19296

Ion Ratio Lower Upper

146 100

148 58.5 50.9 76.3

75 39.0 21.4 32.2#

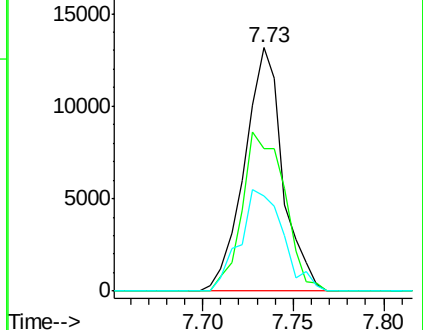
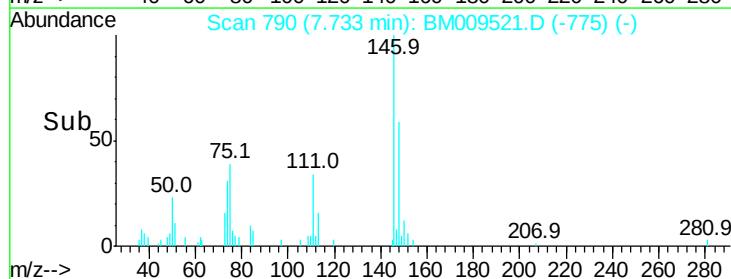


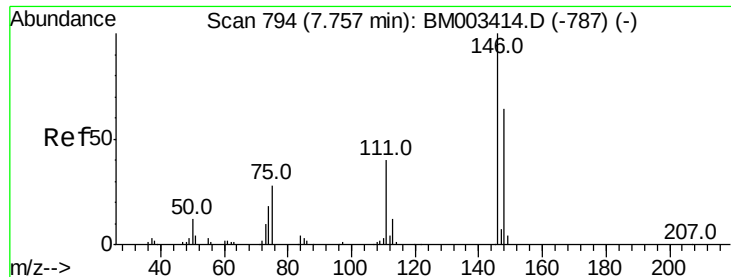
Abundance Ion 146.00 (145.70 to 146.70): BM003414.D (-762) (-)

Ion 148.00 (147.70 to 148.70): BM003414.D (-762) (-)

Ion 75.00 (74.70 to 75.70): BM003414.D (-762) (-)

Time-->

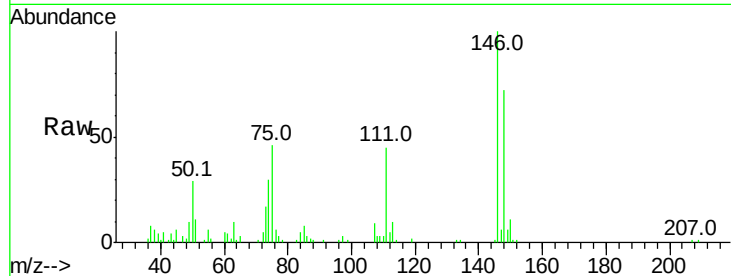




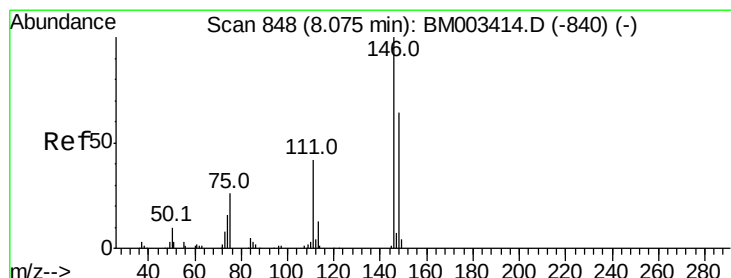
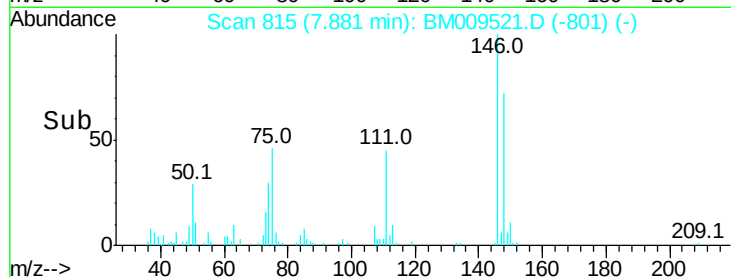
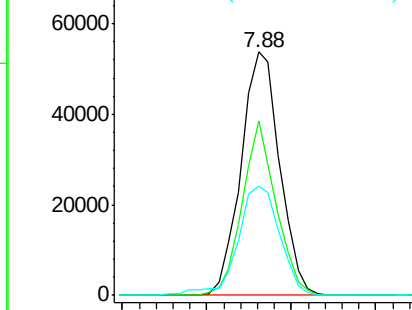
#13
1,4-Dichlorobenzene
Concen: 9.60 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BM009521.D
Acq: 04 Apr 2017 07:37

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001RE

Tot Ion:146 Resp: 85527
Ion Ratio Lower Upper
146 100
148 71.8 51.9 77.9
111 45.1 29.2 43.8#

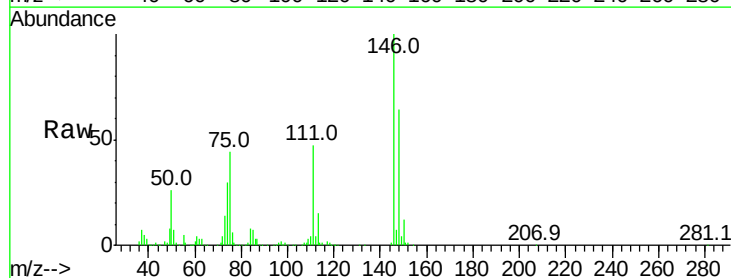


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

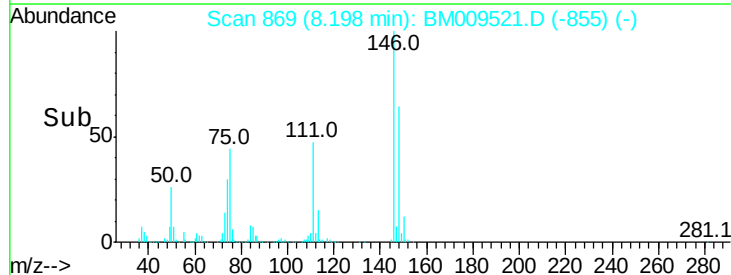
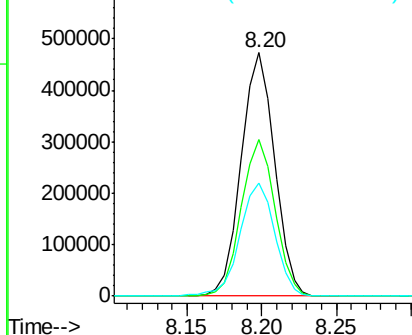


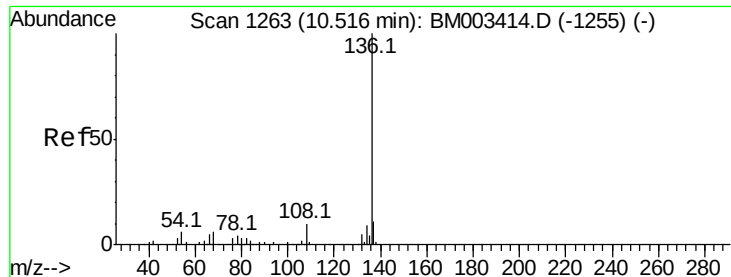
#14
1,2-Dichlorobenzene
Concen: 84.92 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM009521.D
Acq: 04 Apr 2017 07:37

Tgt Ion:146 Resp: 734683
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
111 46.7 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

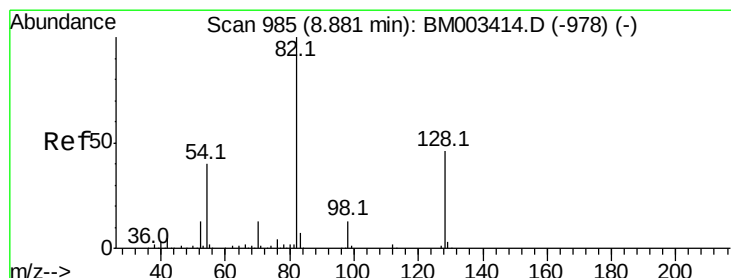
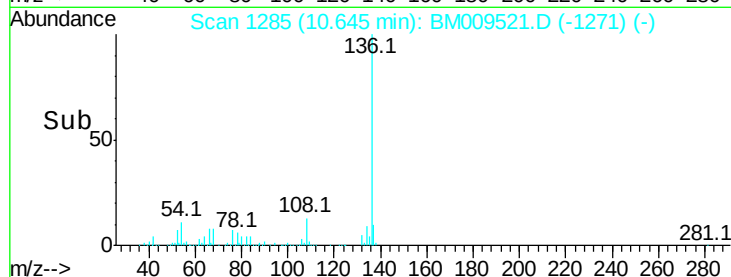
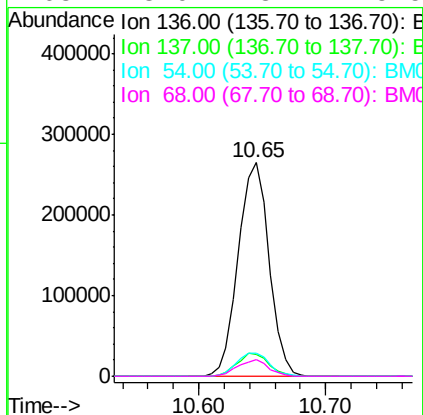
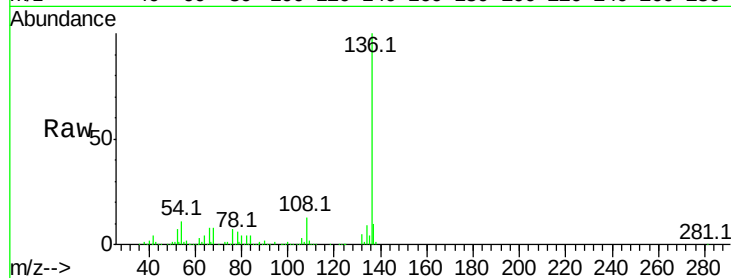




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009521.D
Acq: 04 Apr 2017 07:37

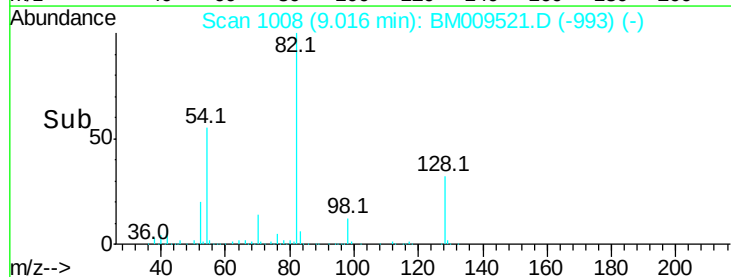
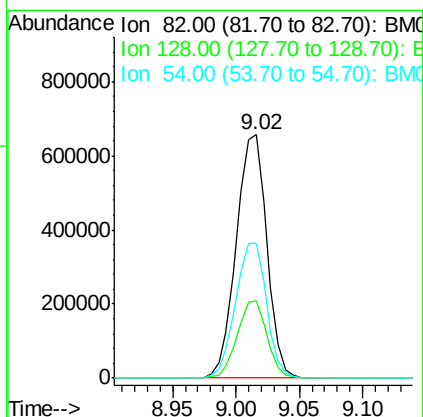
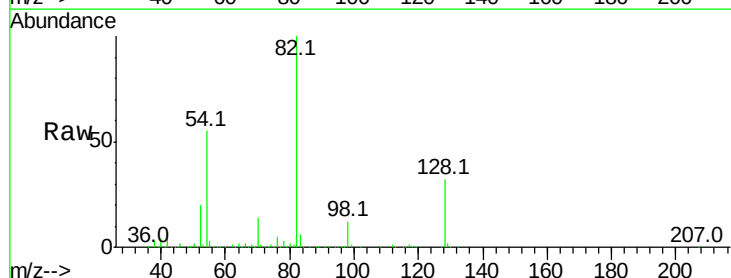
Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001RE

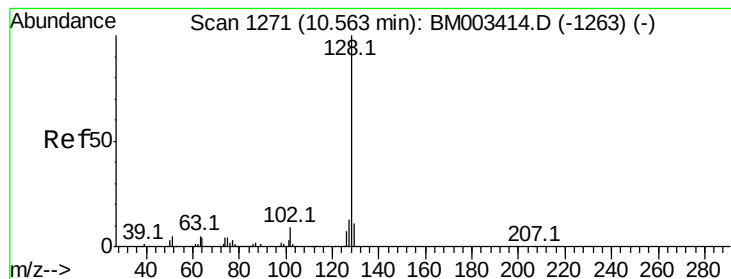
Tot Ion:136	Resp:	446721
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.7 13.1
54	10.8	4.6 6.8#
68	8.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 92.45 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009521.D
Acq: 04 Apr 2017 07:37

Tgt	Ion: 82	Resp: 1101516	
Ion	Ratio	Lower	Upper
82	100		
128	31.9	32.8	49.2#
54	55.3	40.6	60.8





#31

Naphthalene

Concen: 37.74 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009521.D

Acq: 04 Apr 2017 07:37

Instrument :

BNA_M

ClientSampleId :

WC-B53-B57-001RE

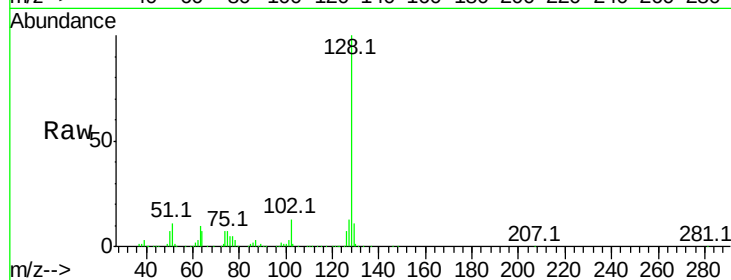
Tot Ion:128 Resp: 894927

Ion Ratio Lower Upper

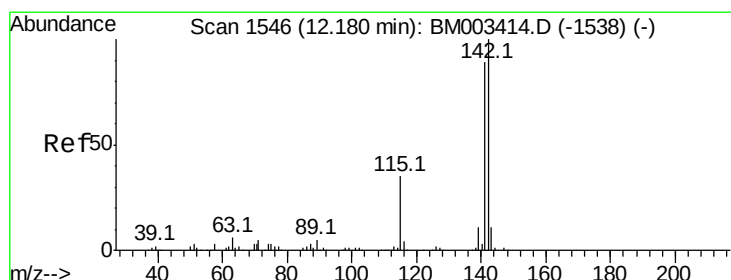
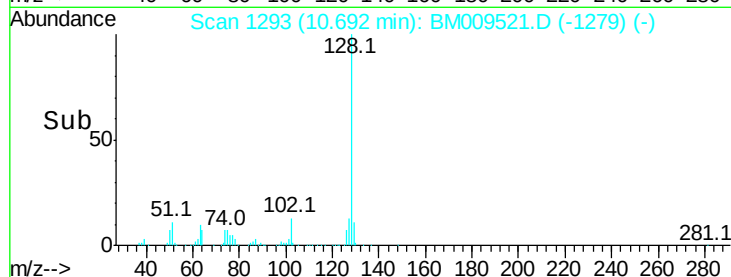
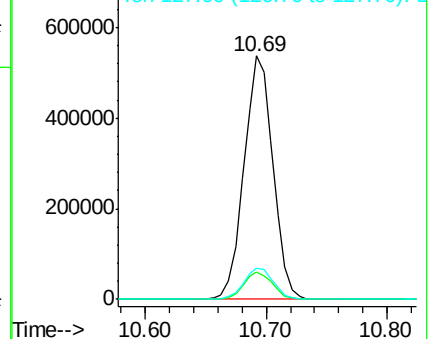
128 100

129 11.3 8.9 13.3

127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 15.59 ng

RT: 12.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BM009521.D

Acq: 04 Apr 2017 07:37

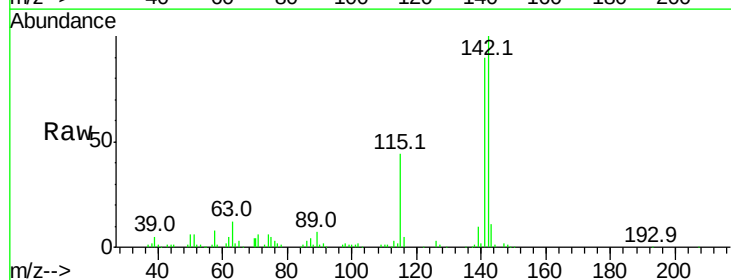
Tgt Ion:142 Resp: 255180

Ion Ratio Lower Upper

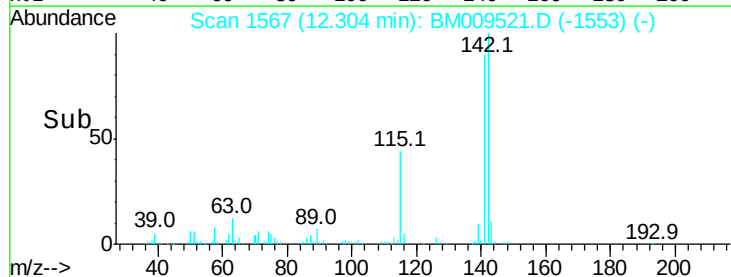
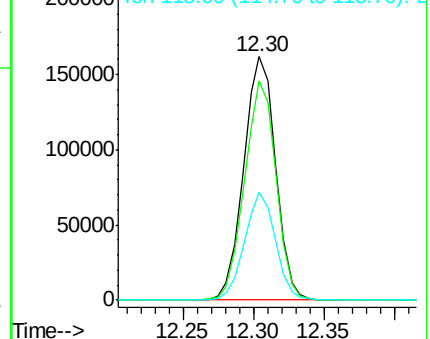
142 100

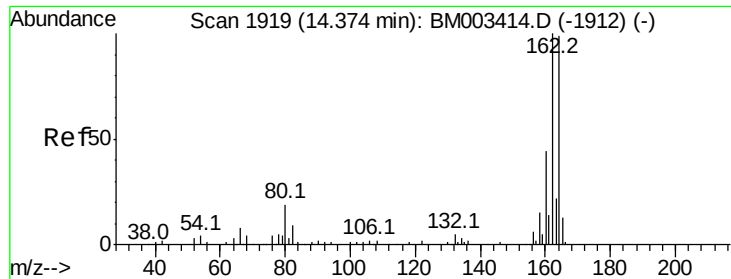
141 89.8 71.9 107.9

115 44.2 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009521.D

Acq: 04 Apr 2017 07:37

Instrument :

BNA_M

ClientSampleId :

WC-B53-B57-001RE

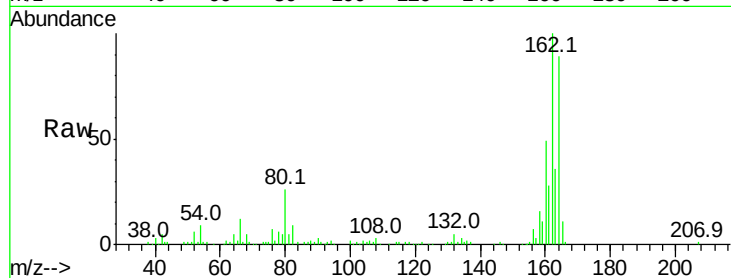
Tot Ion:164 Resp: 166567

Ion Ratio Lower Upper

164 100

162 112.1 82.4 123.6

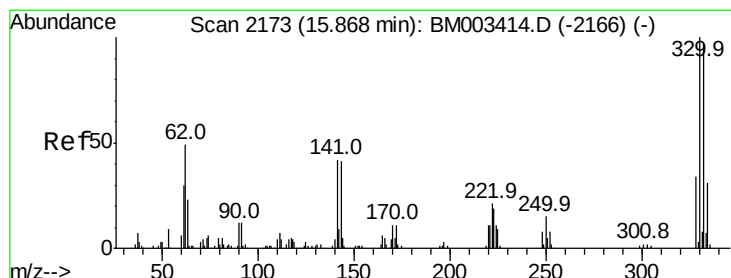
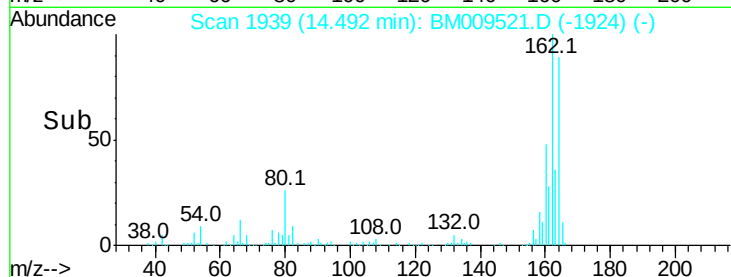
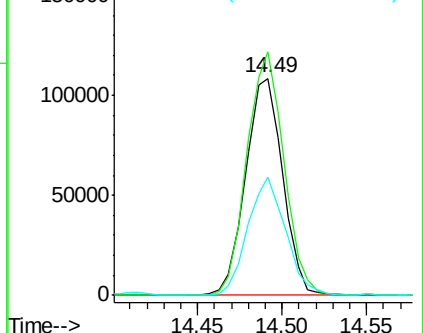
160 54.4 35.8 53.6#



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: 244.64 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009521.D

Acq: 04 Apr 2017 07:37

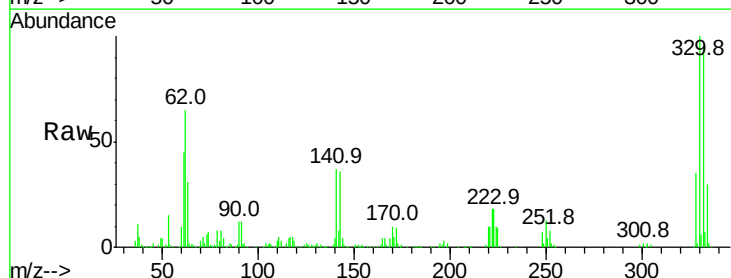
Tgt Ion:330 Resp: 506226

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

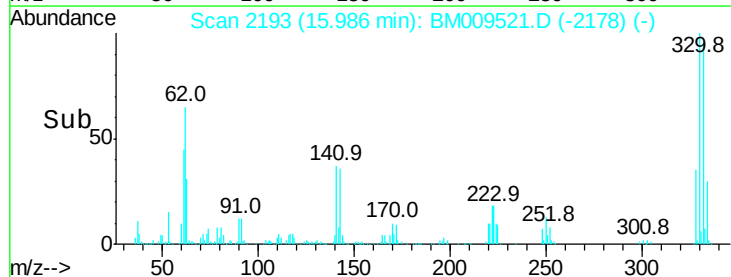
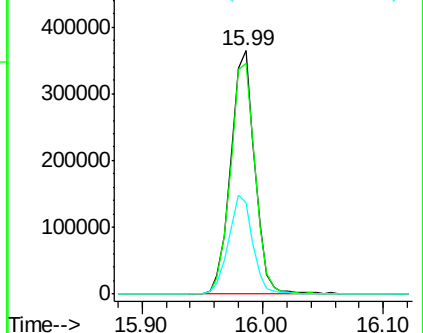
141 41.0 0.0 0.0#

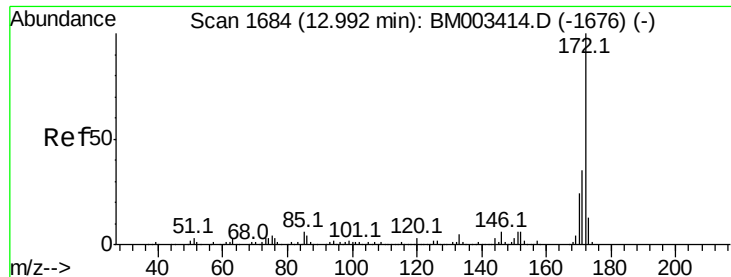


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



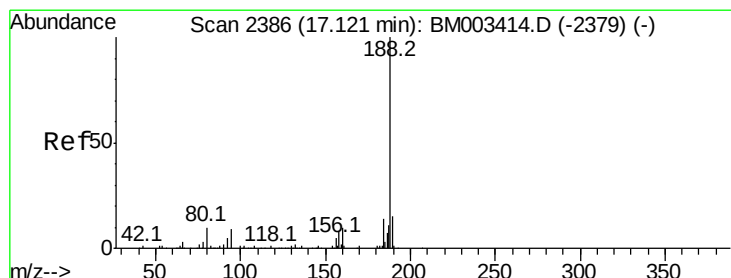
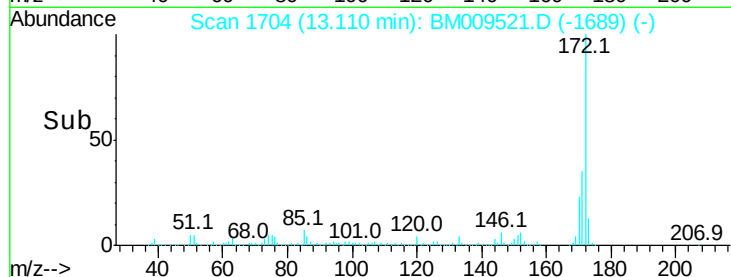
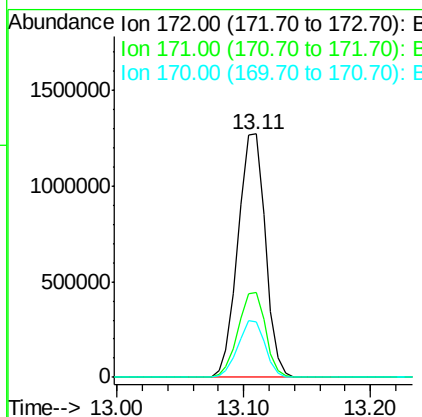
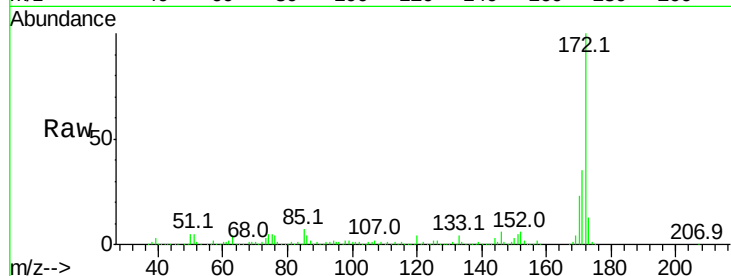


#44
 2-Fluorobiphenyl
 Concen: 138.07 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009521.D
 Acq: 04 Apr 2017 07:37

Instrument :
 BNA_M
 ClientSampleId :
 WC-B53-B57-001RE

Tot Ion:172 Resp: 1908573

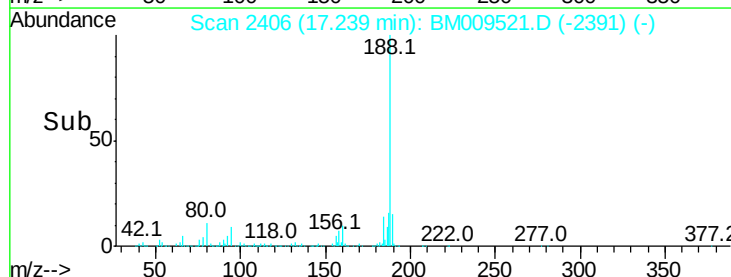
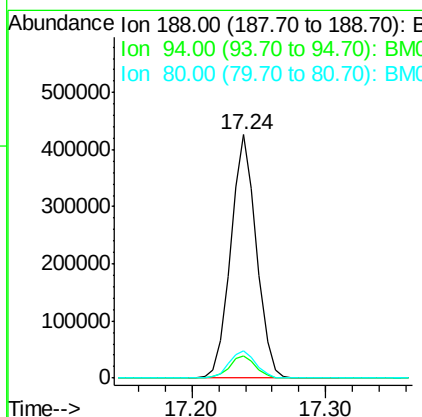
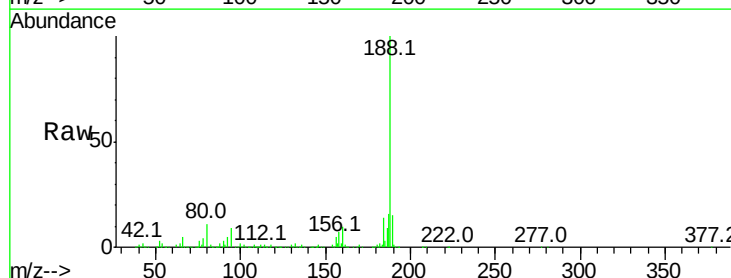
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.7	18.8	28.2

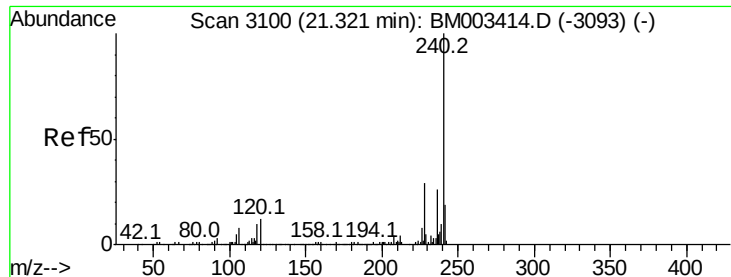


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.24 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM009521.D
 Acq: 04 Apr 2017 07:37

Tgt Ion:188 Resp: 572272

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.7	13.1
80	11.1	9.3	13.9

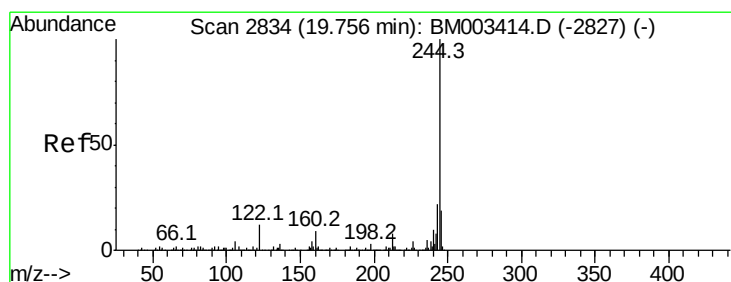
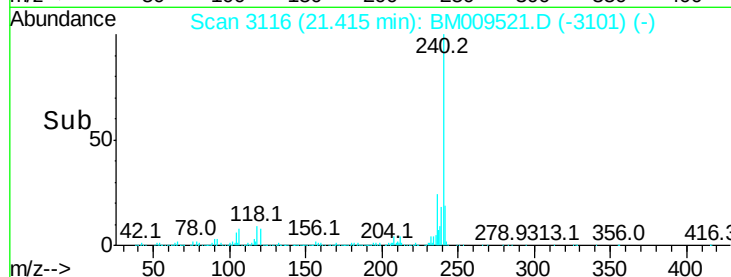
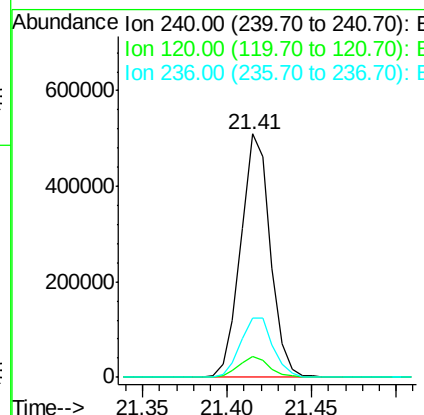
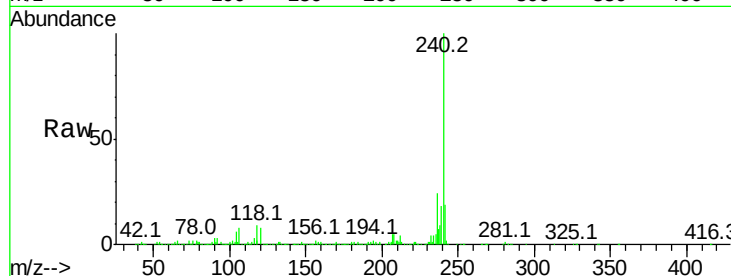




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.41 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009521.D
 Acq: 04 Apr 2017 07:37

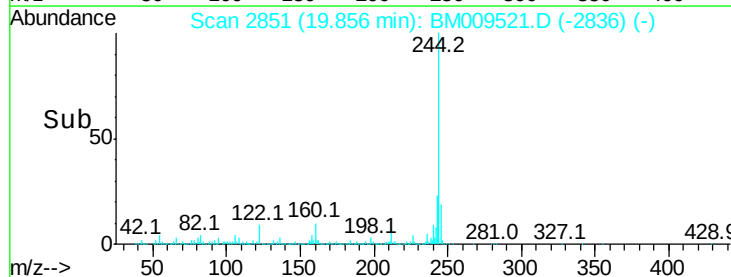
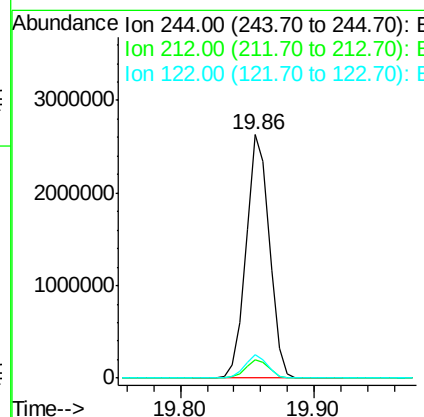
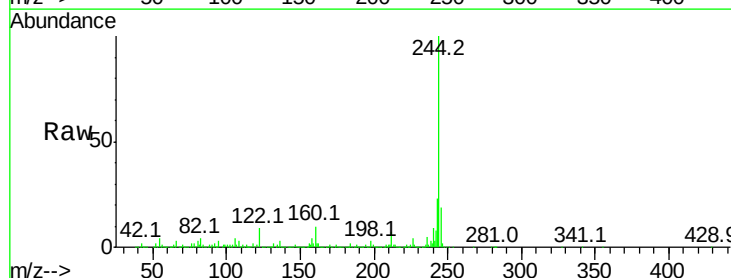
Instrument :
 BNA_M
 ClientSampleId :
 WC-B53-B57-001RE

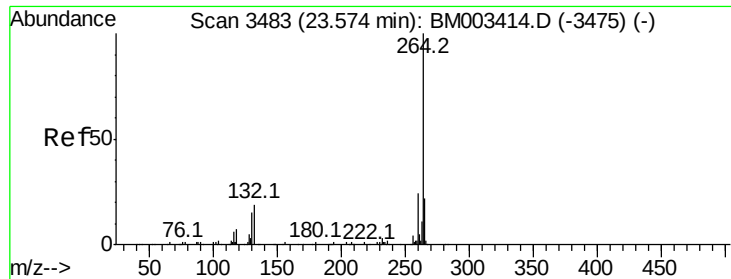
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	24.3	20.0	30.0



#78
 Terphenyl-d14
 Concen: 106.02 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009521.D
 Acq: 04 Apr 2017 07:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3#
122	9.5	6.2	9.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009521.D
 Acq: 04 Apr 2017 07:37

Instrument :
 BNA_M
 ClientSampleId :
 WC-B53-B57-001RE

Tot Ion: 264 Resp: 117029
 Ion Ratio Lower Upper
 264 100
 260 38.9 18.6 27.8#
 265 20.2 17.3 25.9

