

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
 Data File : BM001232.D
 Acq On : 07 May 2015 00:16
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

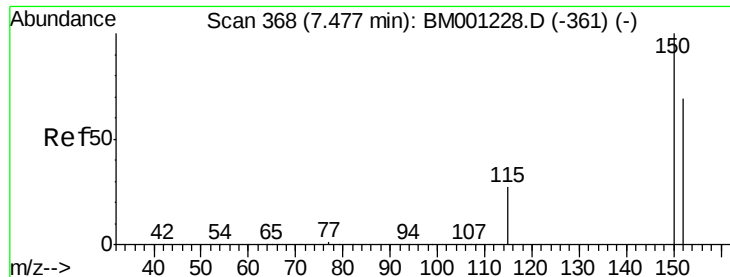
Quant Time: May 07 07:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM050615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 06:25:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	14980	5.00	ng	0.00
9) Naphthalene-d8	10.26	136	42930	5.00	ng	0.00
16) Acenaphthene-d10	14.15	164	23021	5.00	ng	0.00
23) Phenanthrene-d10	16.90	188	43394	5.00	ng	0.00
27) Chrysene-d12	21.09	240	47338	5.00	ng	0.00
29) Perylene-d12	23.23	264	44422	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	235	0.10	ng	0.00
4) Phenol-d6	6.65	99	259	0.08	ng	0.00
10) Nitrobenzene-d5	8.64	82	160	0.07	ng	0.03
17) 2,4,6-Tribromophenol	15.64	330	71	0.07	ng	0.00
20) 2-Fluorobiphenyl	12.76	172	706	0.10	ng	0.00
28) Terphenyl-d14	19.55	244	598	0.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.95	88	114	0.12	ng	87
5) 2-Chlorophenol	7.05	128	213	0.10	ng	# 60
6) Phenol	6.68	94	310	0.09	ng	# 49
7) 2-Methylphenol	7.94	107	150	0.09	ng	# 63
8) 3+4-Methylphenols	8.27	107	163	0.07	ng	# 59
11) 2-Nitrophenol	9.39	139	69	0.07	ng	# 1
12) 2,4-Dimethylphenol	9.46	122	182	0.09	ng	# 75
13) 2,4-Dichlorophenol	9.95	162	169	0.08	ng	# 63
14) 4-Chloro-3-methylphenol	11.57	107	181	0.08	ng	# 55
15) 2-Methylnaphthalene	11.92	142	566	0.09	ng	# 98
18) 2,4,6-Trichlorophenol	12.58	196	133	0.08	ng	# 47
19) 2,4,5-Trichlorophenol	12.66	196	138	0.07	ng	87
25) Hexachlorobenzene	16.21	284	295	0.09	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.48 min Scan# 368

Delta R.T. 0.00 min

Lab File: BM001232.D

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SSTDICC0.1

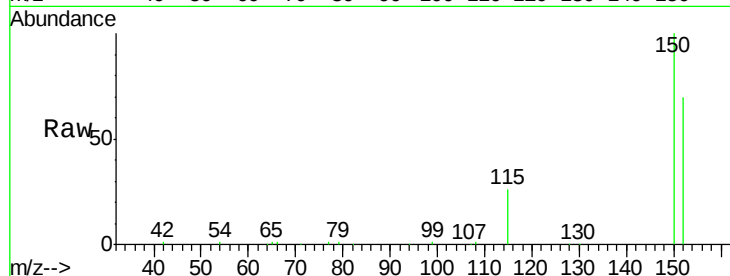
Tot Ion:152 Resp: 14980

Ion Ratio Lower Upper

152 100

150 143.2 116.3 174.5

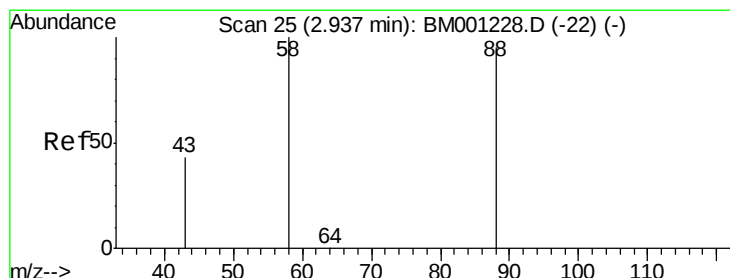
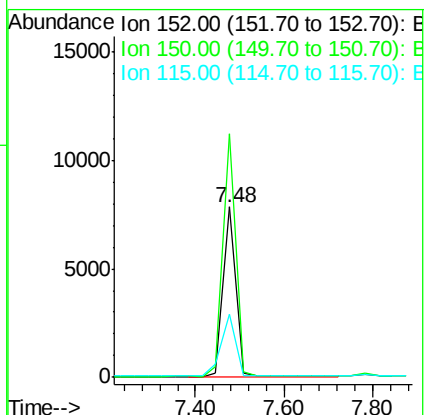
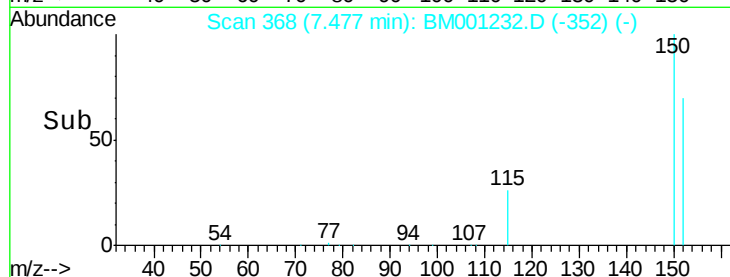
115 37.4 31.9 47.9



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: 0.12 ng

RT: 2.95 min Scan# 26

Delta R.T. 0.01 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

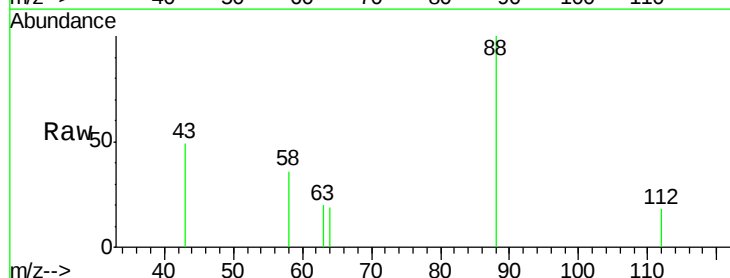
Tgt Ion: 88 Resp: 114

Ion Ratio Lower Upper

88 100

58 76.3 75.5 113.3

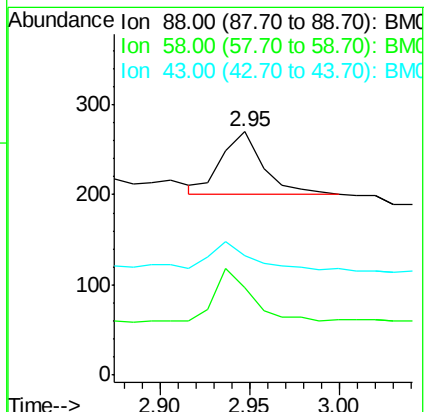
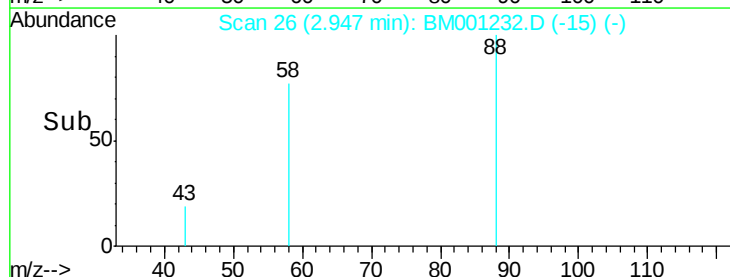
43 41.2 32.7 49.1

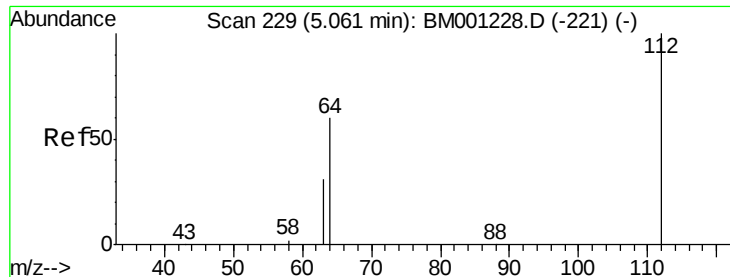


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

2-Fluorophenol

Concen: 0.10 ng

RT: 5.06 min Scan# 229

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

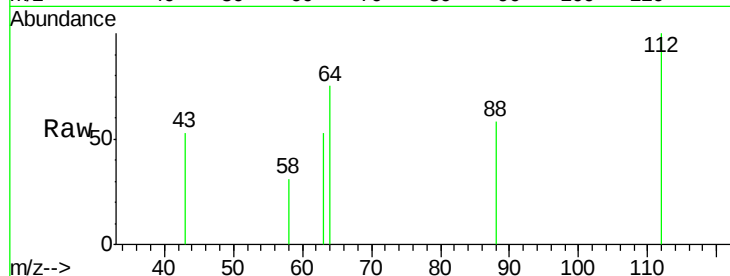
Tot Ion:112 Resp: 235

Ion Ratio Lower Upper

112 100

64 74.7 49.3 73.9#

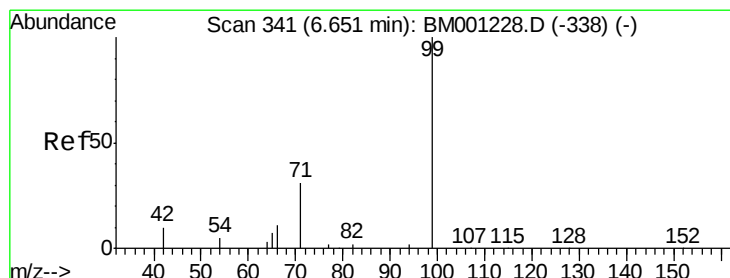
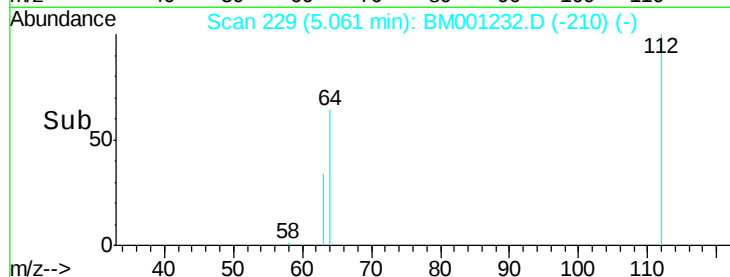
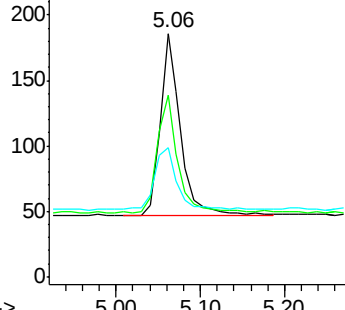
63 53.2 26.2 39.4#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#4

Phenol-d6

Concen: 0.08 ng

RT: 6.65 min Scan# 341

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

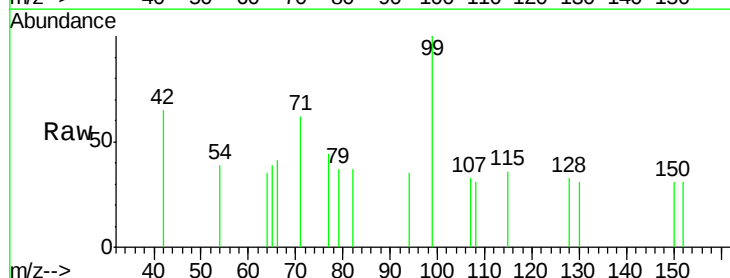
Tgt Ion: 99 Resp: 259

Ion Ratio Lower Upper

99 100

42 65.4 12.1 18.1#

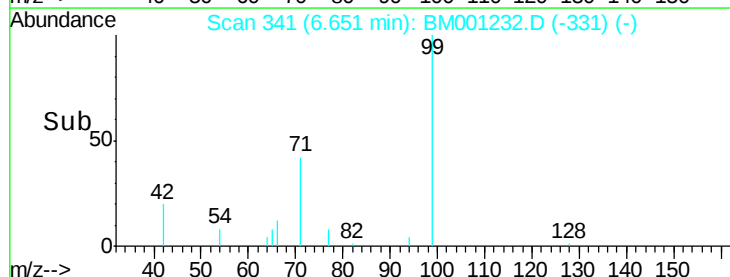
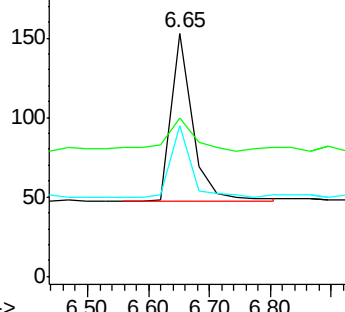
71 62.1 26.4 39.6#

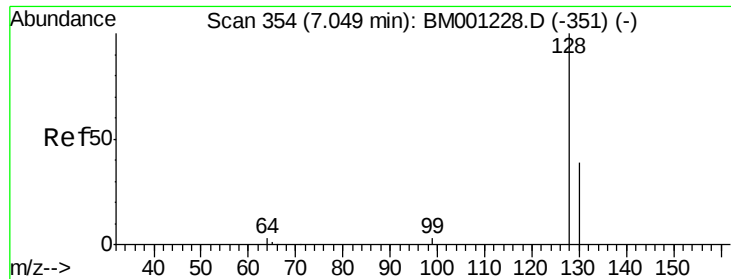


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#5

2-Chlorophenol

Concen: 0.10 ng

RT: 7.05 min Scan# 354

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

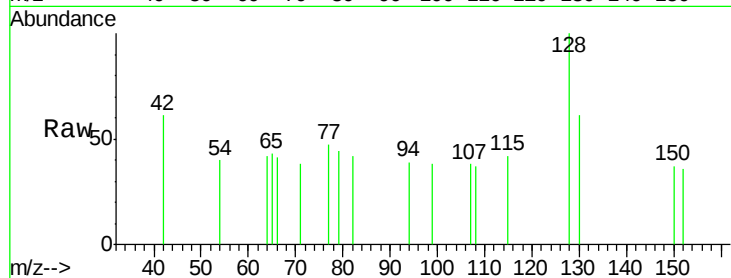
Tot Ion:128 Resp: 213

Ion Ratio Lower Upper

128 100

130 60.8 22.2 62.2

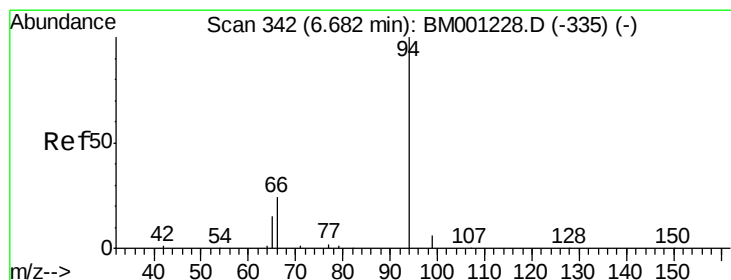
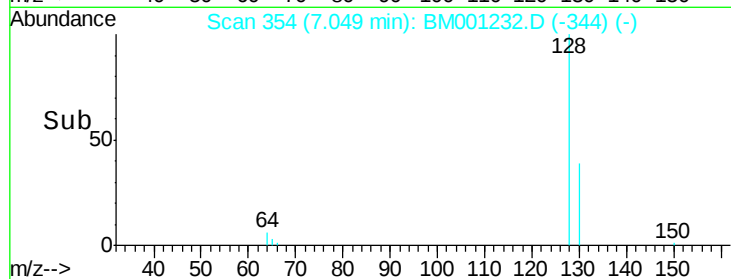
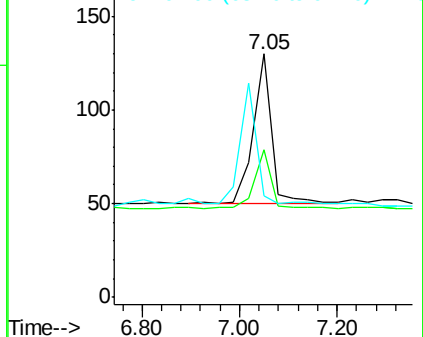
64 41.5 0.0 28.7#



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#6

Phenol

Concen: 0.09 ng

RT: 6.68 min Scan# 342

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

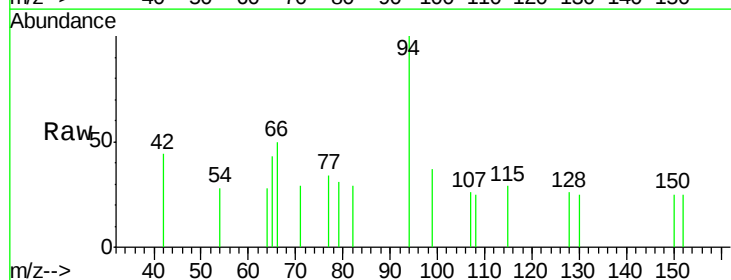
Tgt Ion: 94 Resp: 310

Ion Ratio Lower Upper

94 100

65 43.4 0.0 37.7#

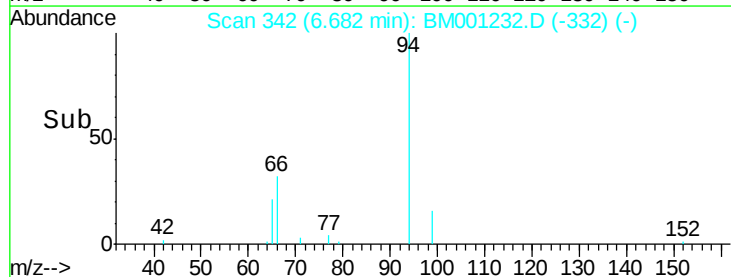
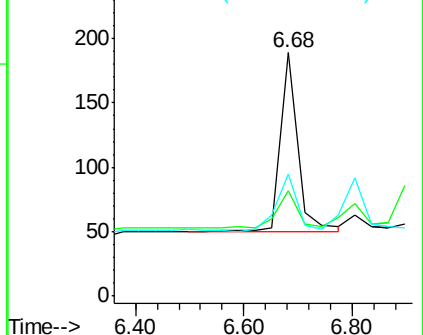
66 50.3 6.3 46.3#

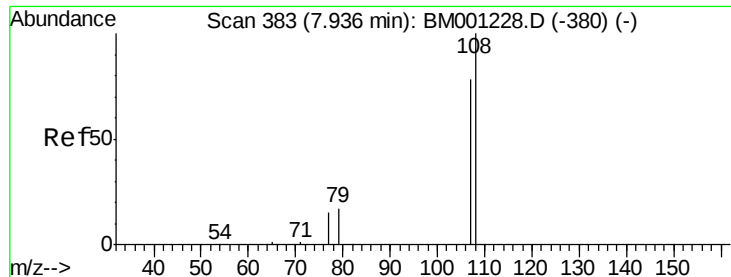


Abundance Ion 94.00 (93.70 to 94.70): B

Ion 65.00 (64.70 to 65.70): B

Ion 66.00 (65.70 to 66.70): B





#7

2-Methylphenol

Concen: 0.09 ng

RT: 7.94 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

Tot Ion:107 Resp: 150

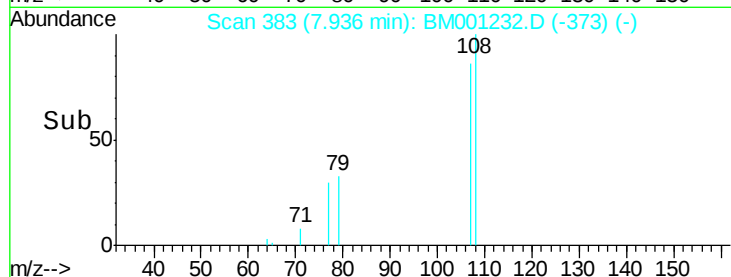
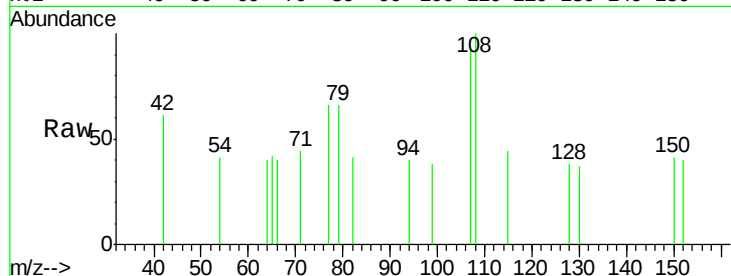
Ion Ratio Lower Upper

107 100

108 107.6 100.9 151.3

77 70.6 20.3 30.5#

79 70.6 22.8 34.2#

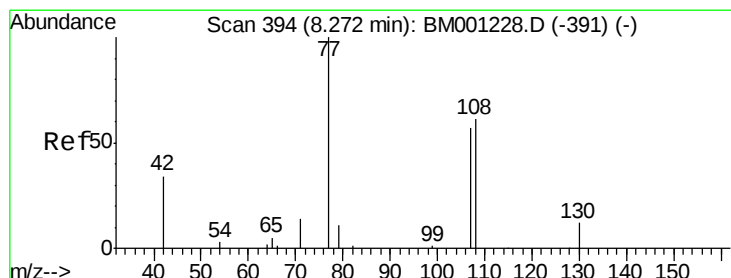
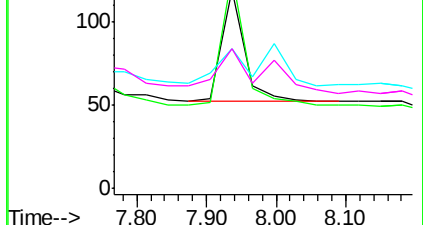


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#8

3+4-Methylphenols

Concen: 0.07 ng

RT: 8.27 min Scan# 394

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

Tgt Ion:107 Resp: 163

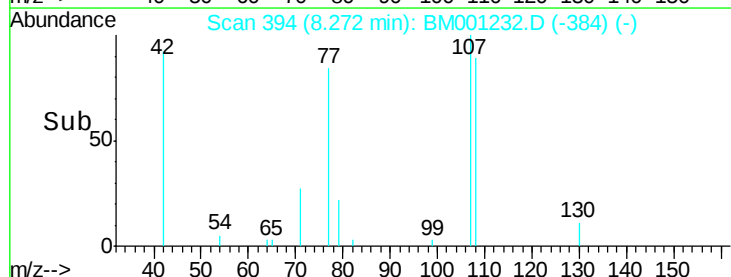
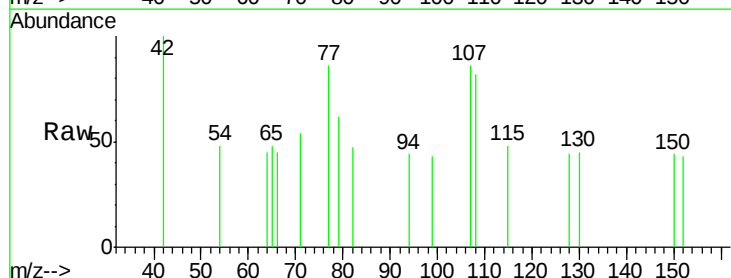
Ion Ratio Lower Upper

107 100

108 94.9 86.3 126.3

77 100.0 151.7 191.7#

79 72.4 7.4 47.4#

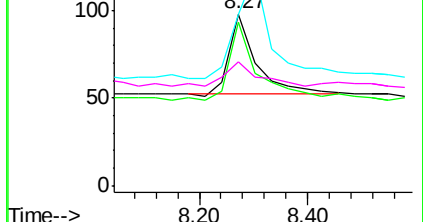


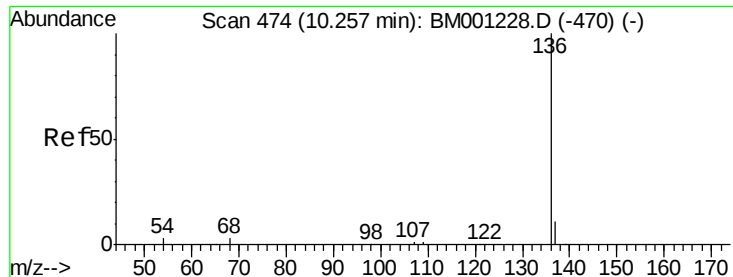
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

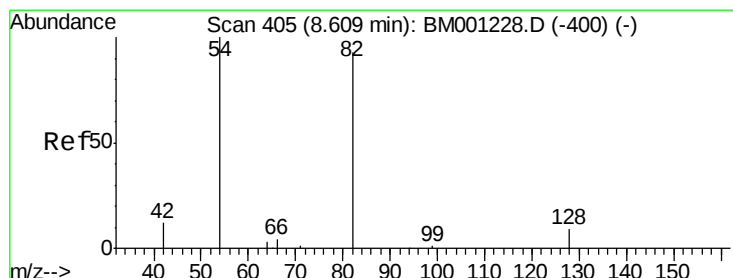
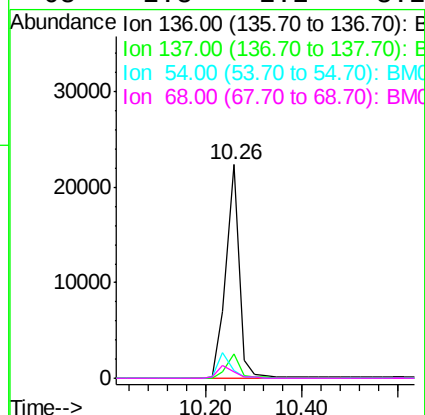
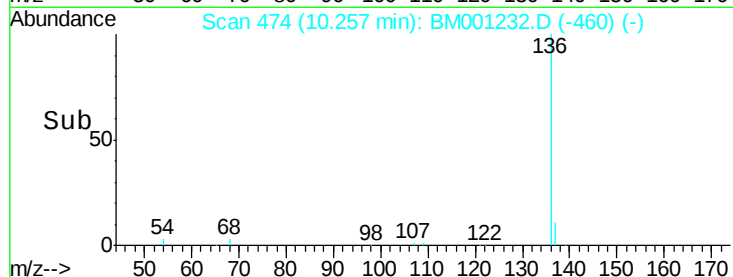
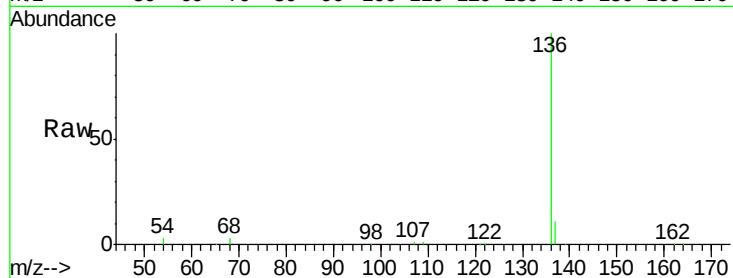




#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

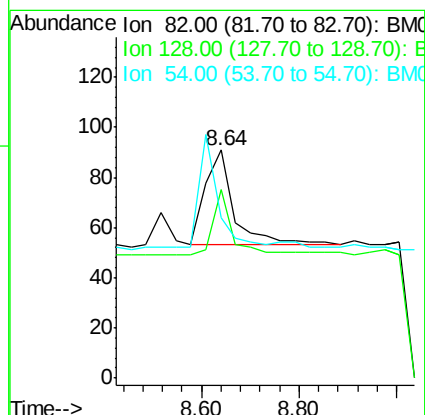
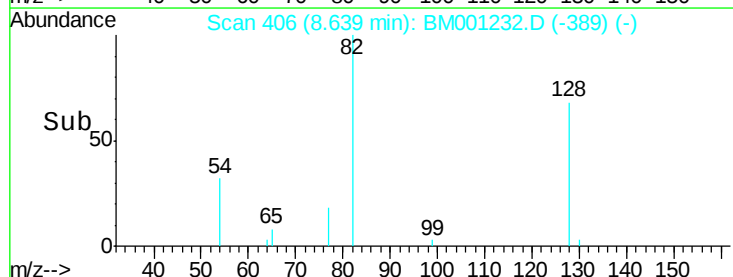
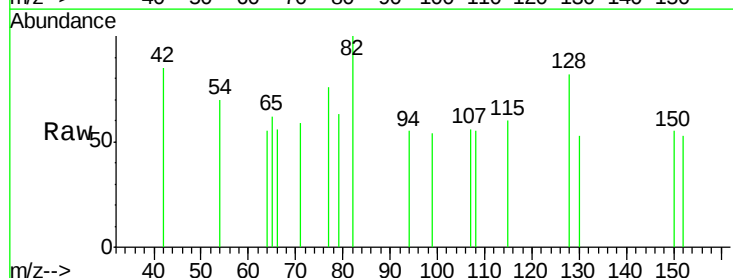
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

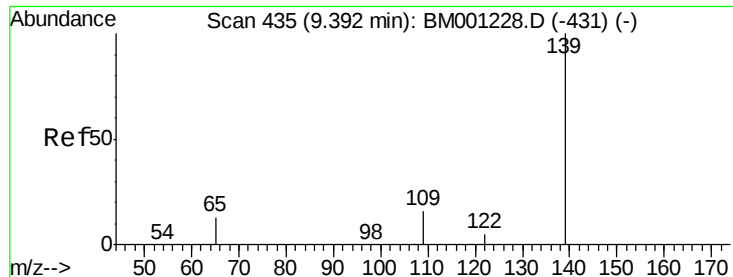
Tot Ion:136	Resp:	42930	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 3.4	2.6	3.8	
68 2.8	2.2	3.2	



#10
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.64 min Scan# 406
Delta R.T. 0.03 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

Tgt	Ion: 82	Resp:	160
Ion	Ratio	Lower	Upper
82	100		
128	46.9	0.0	0.0#
54	0.0	59.0	88.6#

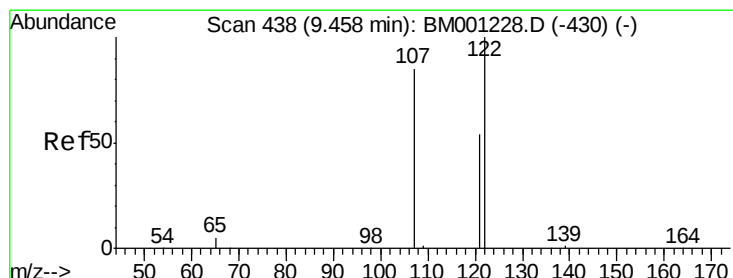
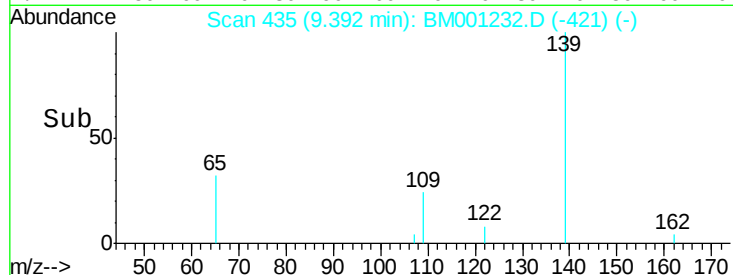
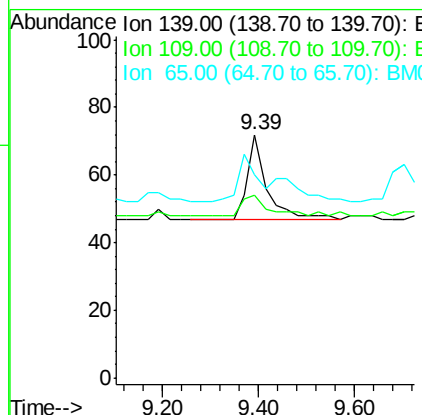
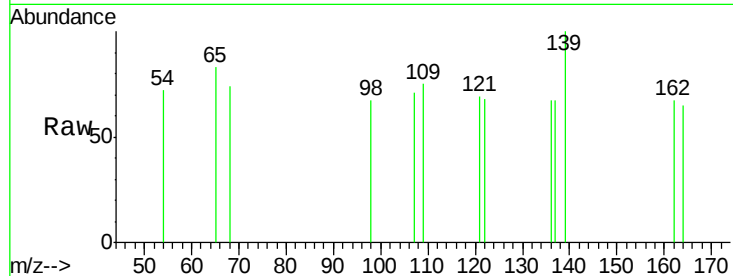




#11
2-Nitrophenol
Concen: 0.07 ng
RT: 9.39 min Scan# 435
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

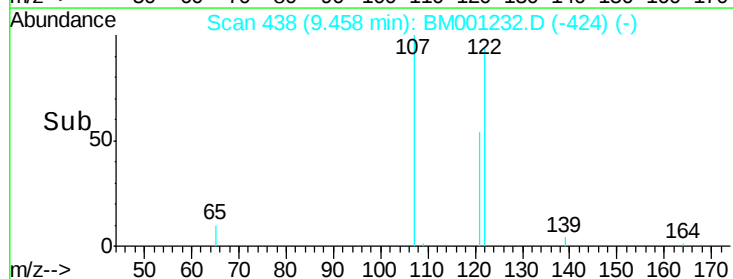
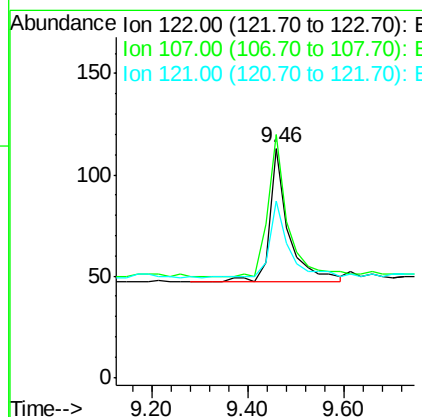
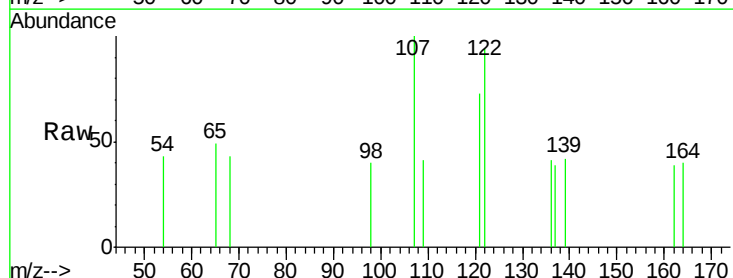
Instrument :
BNA_M
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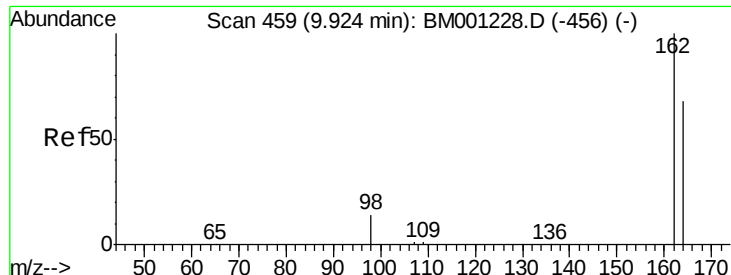
Tot Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 75.0 19.5 29.3#
65 83.3 18.6 28.0#



#12
2,4-Dimethylphenol
Concen: 0.09 ng
RT: 9.46 min Scan# 438
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

Tgt Ion:122 Resp: 182
Ion Ratio Lower Upper
122 100
107 106.2 68.6 102.8#
121 77.0 44.8 67.2#

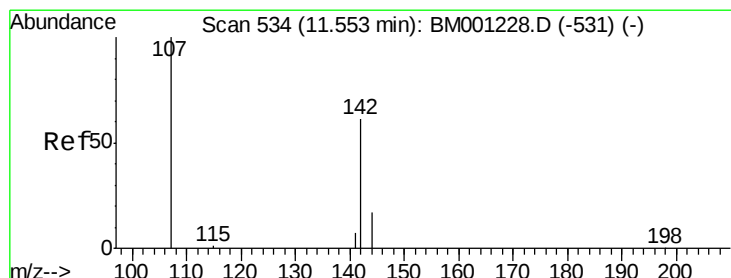
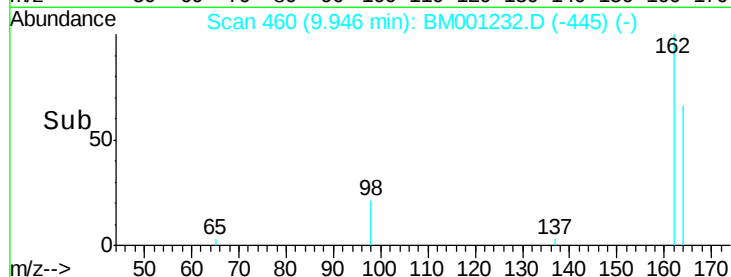
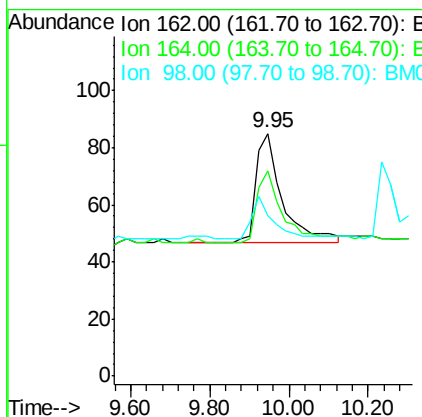
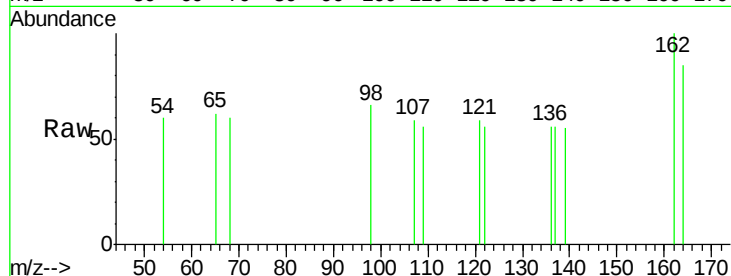




#13
 2,4-Dichlorophenol
 Concen: 0.08 ng
 RT: 9.95 min Scan# 460
 Delta R.T. 0.02 min
 Lab File: BM001232.D
 Acq: 07 May 2015 00:16

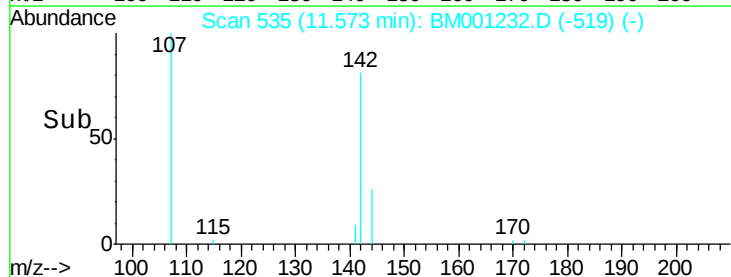
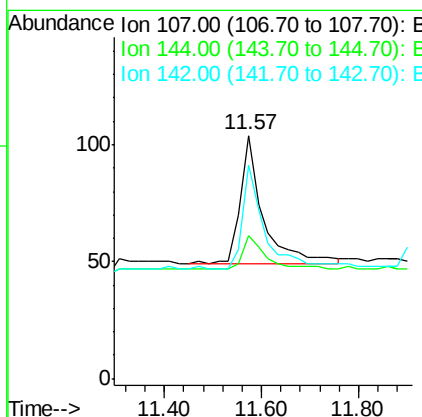
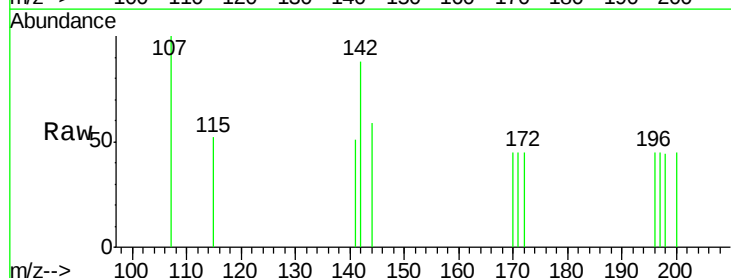
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

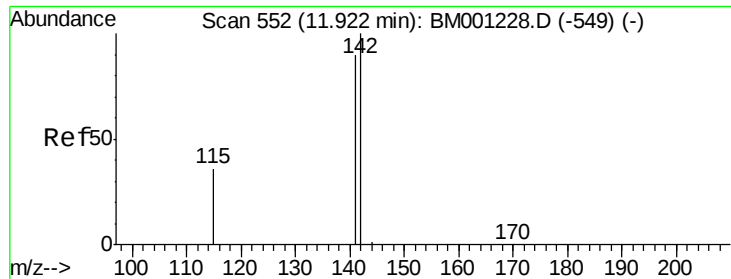
Tot Ion:162 Resp: 169
 Ion Ratio Lower Upper
 162 100
 164 84.7 49.2 89.2
 98 65.9 0.0 37.4#



#14
 4-Chloro-3-methylphenol
 Concen: 0.08 ng
 RT: 11.57 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: BM001232.D
 Acq: 07 May 2015 00:16

Tgt Ion:107 Resp: 181
 Ion Ratio Lower Upper
 107 100
 144 58.7 16.2 24.2#
 142 87.5 49.8 74.6#

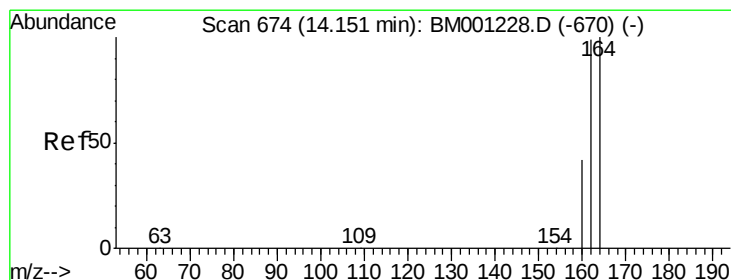
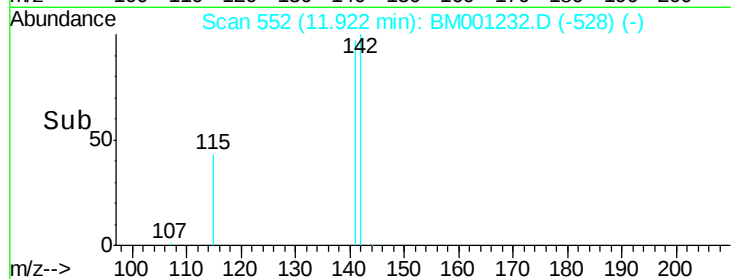
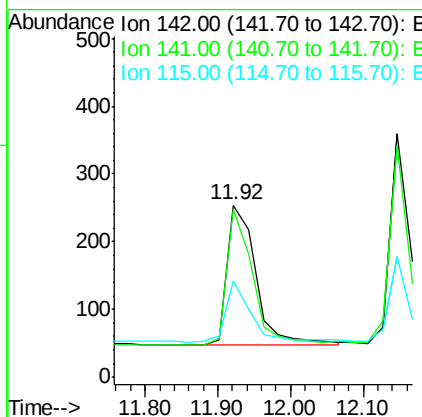
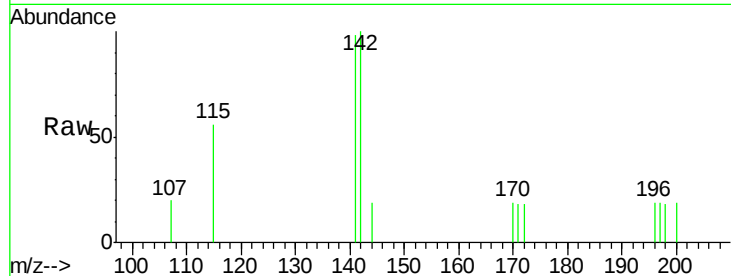




#15
2-Methylnaphthalene
Concen: 0.09 ng
RT: 11.92 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

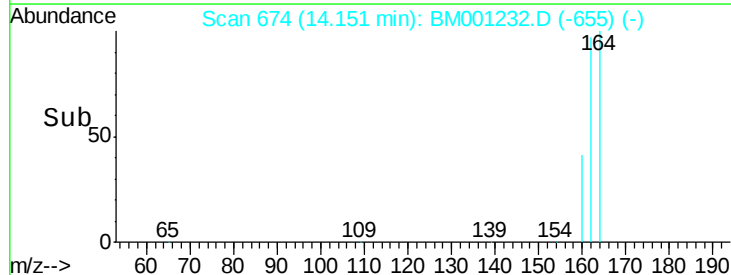
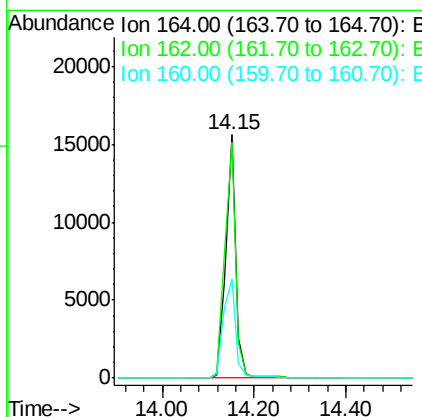
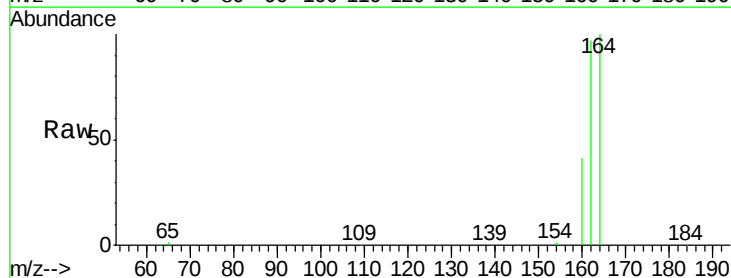
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

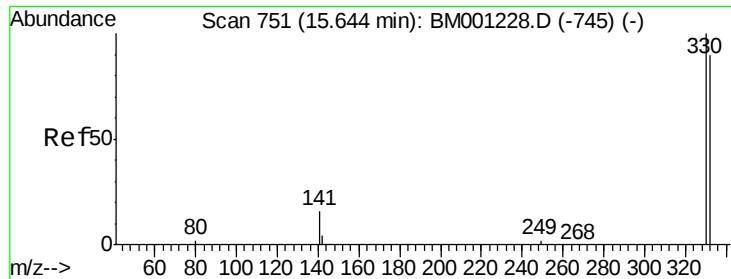
Tot Ion:142 Resp: 566
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0
115 39.6 29.3 43.9



#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

Tgt Ion:164 Resp: 23021
Ion Ratio Lower Upper
164 100
162 96.9 79.2 118.8
160 40.8 33.7 50.5

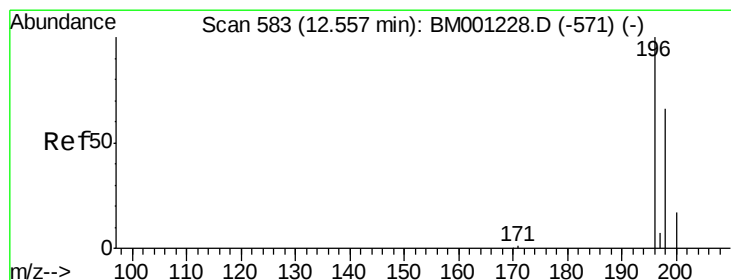
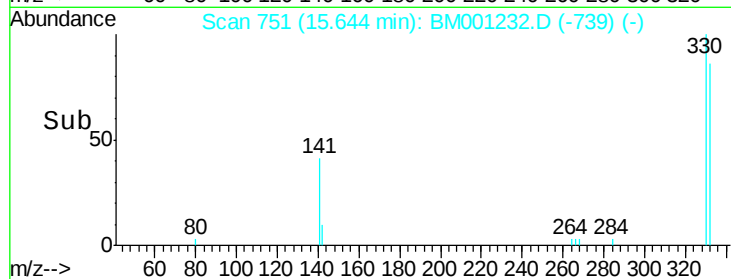
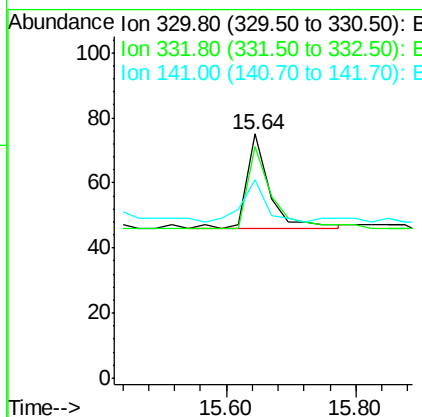
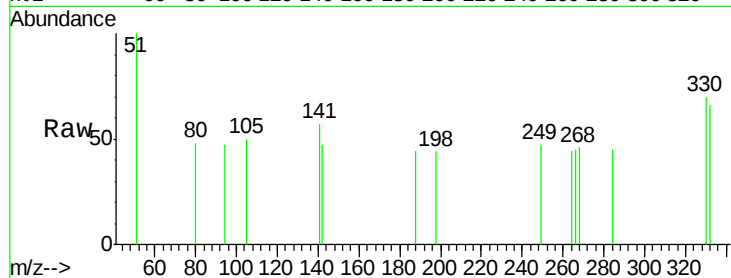




#17
 2,4,6-Tribromophenol
 Concen: 0.07 ng
 RT: 15.64 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BM001232.D
 Acq: 07 May 2015 00:16

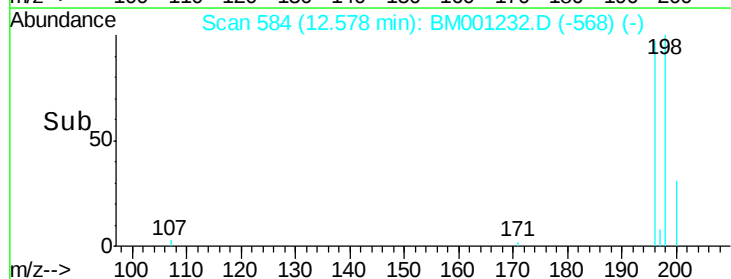
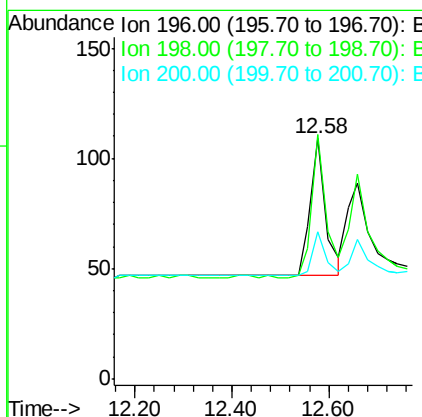
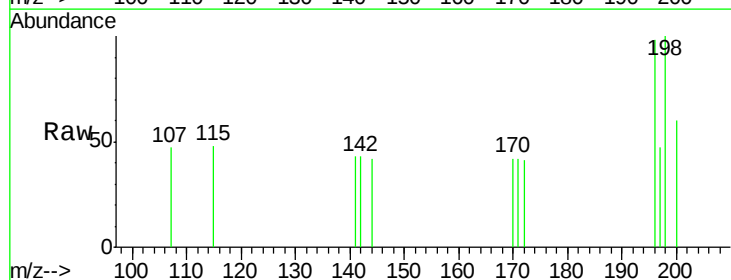
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

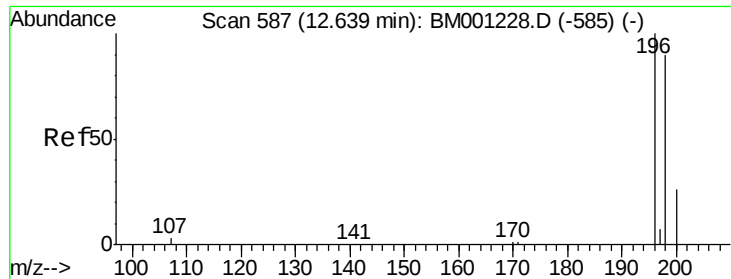
Tot Ion:330 Resp: 71
 Ion Ratio Lower Upper
 330 100
 332 93.0 74.0 111.0
 141 45.1 24.1 36.1#



#18
 2,4,6-Trichlorophenol
 Concen: 0.08 ng
 RT: 12.58 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BM001232.D
 Acq: 07 May 2015 00:16

Tgt Ion:196 Resp: 133
 Ion Ratio Lower Upper
 196 100
 198 101.8 54.2 81.2#
 200 61.5 17.1 25.7#

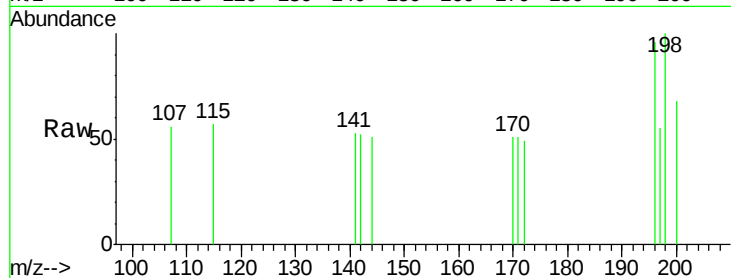




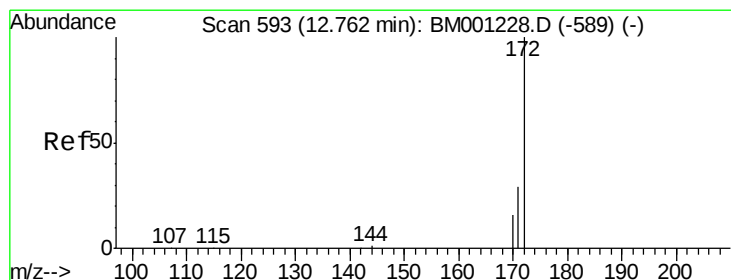
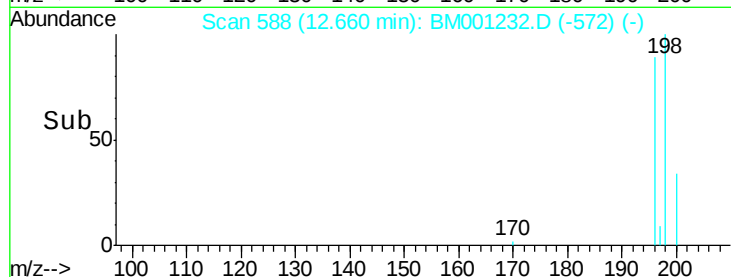
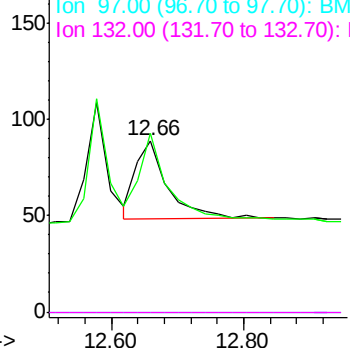
#19
2,4,5-Trichlorophenol
Concen: 0.07 ng
RT: 12.66 min Scan# 588
Delta R.T. 0.02 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tot Ion:196 Resp: 138
Ion Ratio Lower Upper
196 100
198 104.5 73.6 110.4
97 0.0 0.0 0.0
132 0.0 0.0 0.0

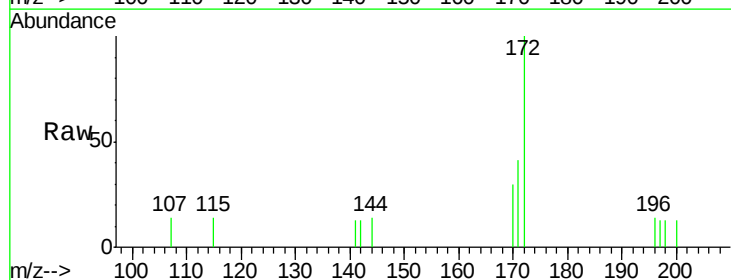


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

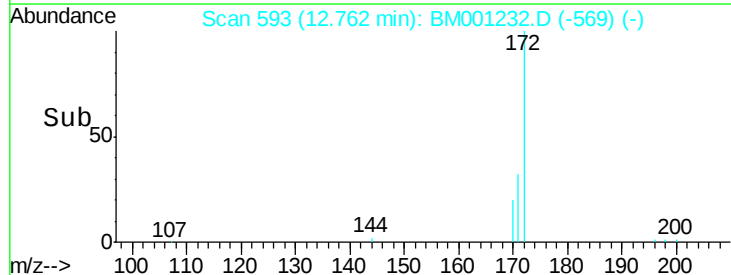
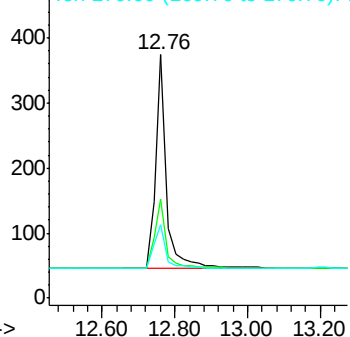


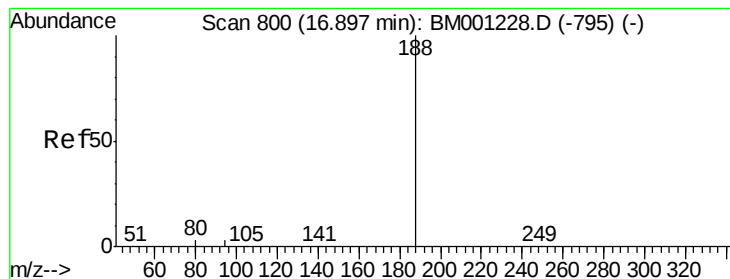
#20
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.76 min Scan# 593
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

Tgt Ion:172 Resp: 706
Ion Ratio Lower Upper
172 100
171 36.1 0.0 0.0#
170 25.1 0.0 0.0#



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





#23

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.90 min Scan# 800

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

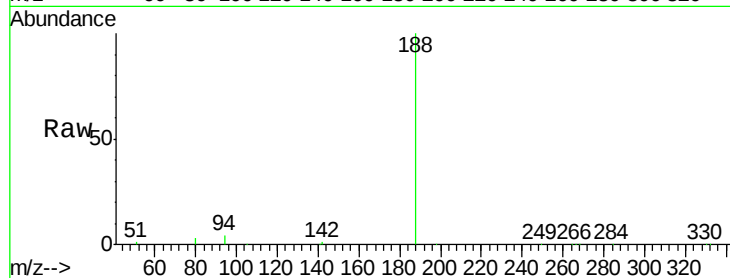
Tot Ion:188 Resp: 43394

Ion Ratio Lower Upper

188 100

94 3.8 2.9 4.3

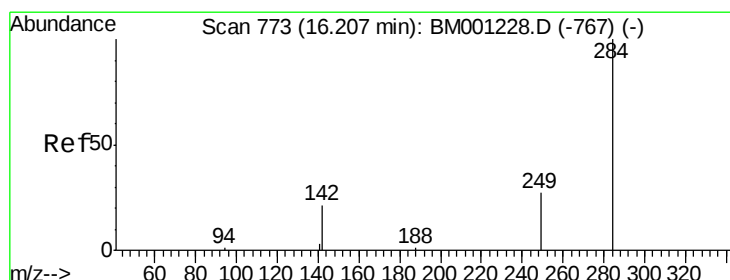
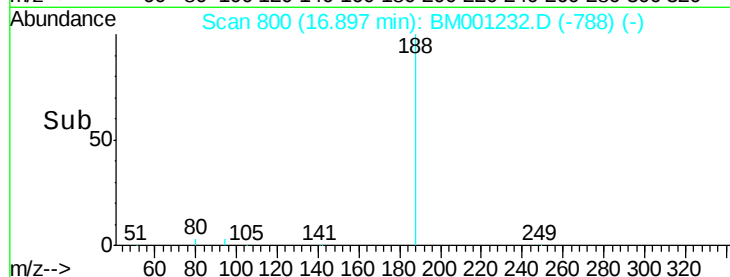
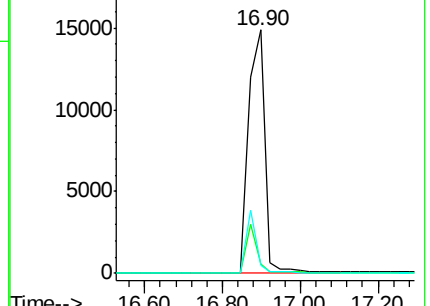
80 3.2 2.5 3.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#25

Hexachlorobenzene

Concen: 0.09 ng

RT: 16.21 min Scan# 773

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

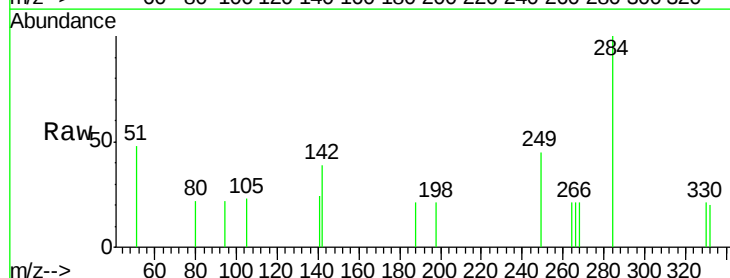
Tgt Ion:284 Resp: 295

Ion Ratio Lower Upper

284 100

142 29.5 23.3 34.9

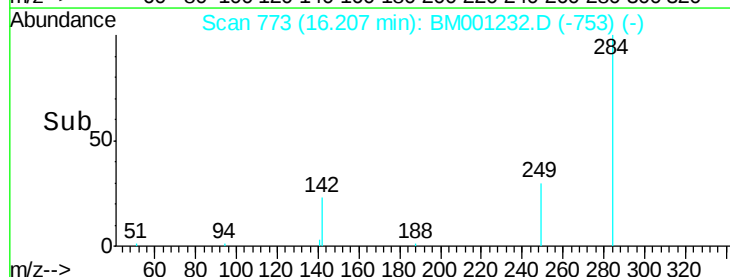
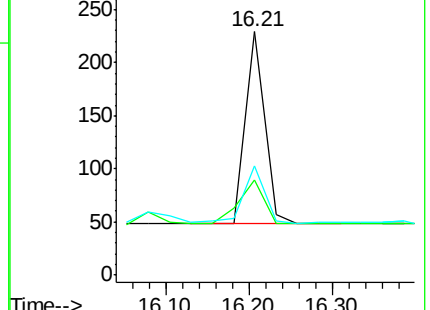
249 32.2 23.3 34.9

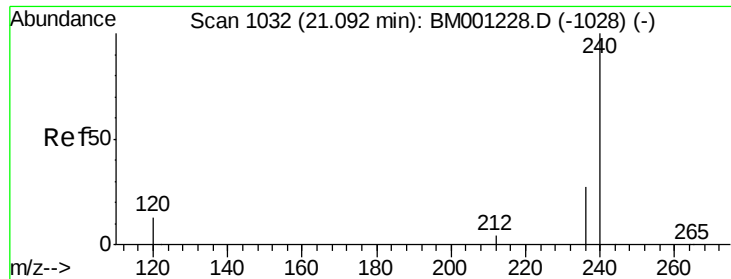


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

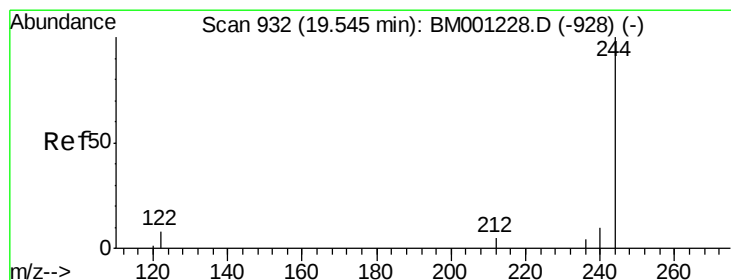
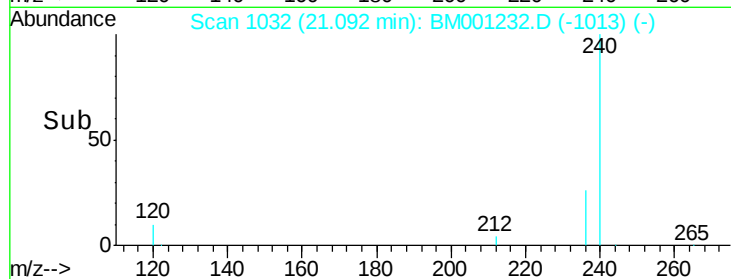
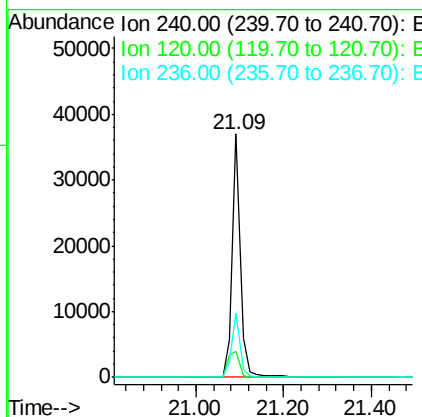
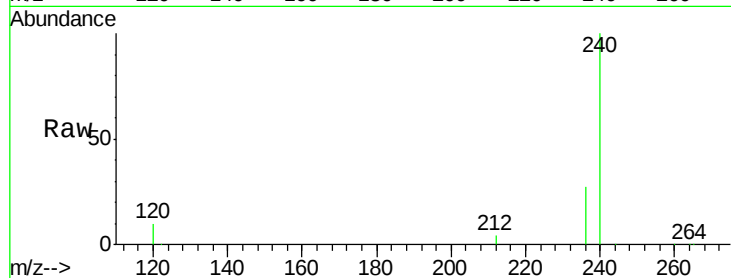




#27
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

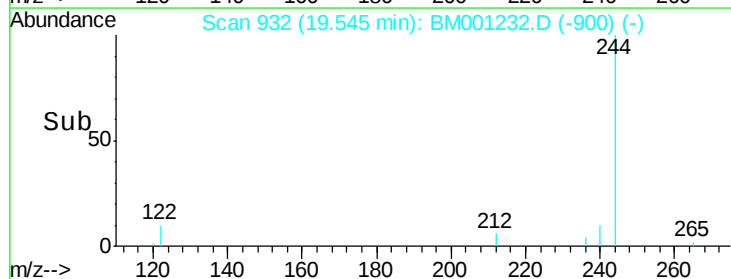
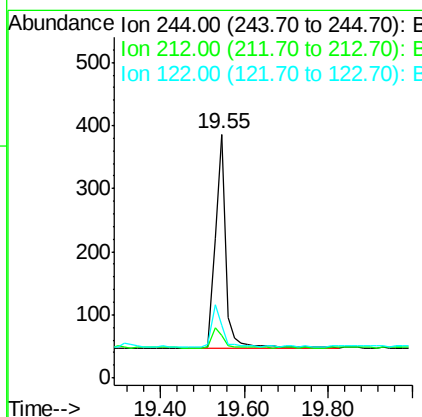
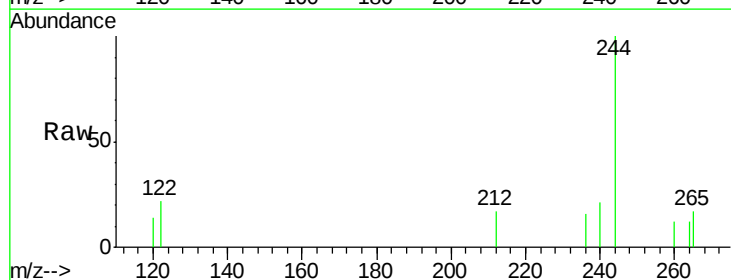
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

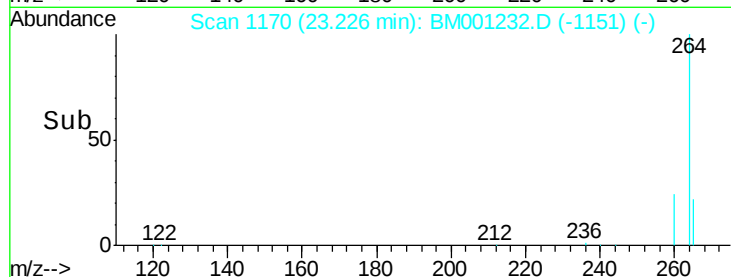
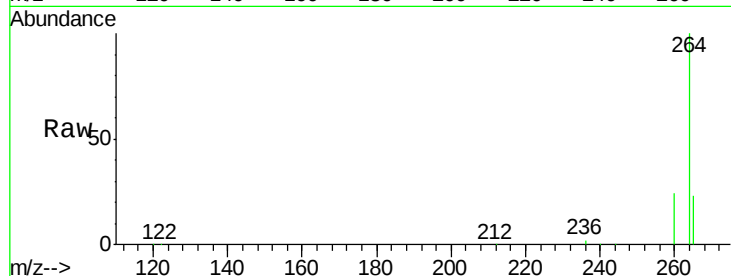
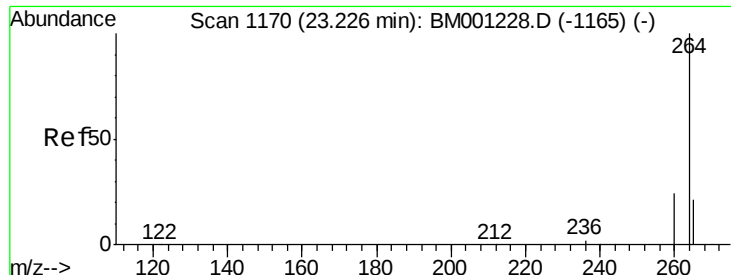
Tot Ion:240 Resp: 47338
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6
236 26.5 22.0 33.0



#28
Terphenyl-d14
Concen: 0.00 ng
RT: 19.55 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001232.D
Acq: 07 May 2015 00:16

Tgt Ion:244 Resp: 598
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 18.2 14.8 22.2





#29

Pervlene-d12

Concen: 5.00 ng

RT: 23.23 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BM001232.D

Acq: 07 May 2015 00:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

Tot Ion: 264 Resp: 44422

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.8 17.4 26.2

