

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
 Data File : BM001229.D
 Acq On : 06 May 2015 22:29
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: May 07 06:39:59 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	16521	5.00	ng	0.00
9) Naphthalene-d8	10.26	136	48792	5.00	ng	0.00
16) Acenaphthene-d10	14.15	164	25964	5.00	ng	0.00
23) Phenanthrene-d10	16.90	188	45943	5.00	ng	0.00
27) Chrysene-d12	21.09	240	54535	5.00	ng	0.00
29) Perylene-d12	23.23	264	50466	5.00	ng	0.00

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	2099	0.78	ng	0.00
4) Phenol-d6	6.65	99	2742	0.75	ng	0.00
10) Nitrobenzene-d5	8.61	82	2105	0.76	ng	0.00
17) 2,4,6-Tribromophenol	15.64	330	766	0.71	ng	0.00
20) 2-Fluorobiphenyl	12.76	172	6344	0.78	ng	0.00
28) Terphenyl-d14	19.55	244	5384	0.00	ng	0.00

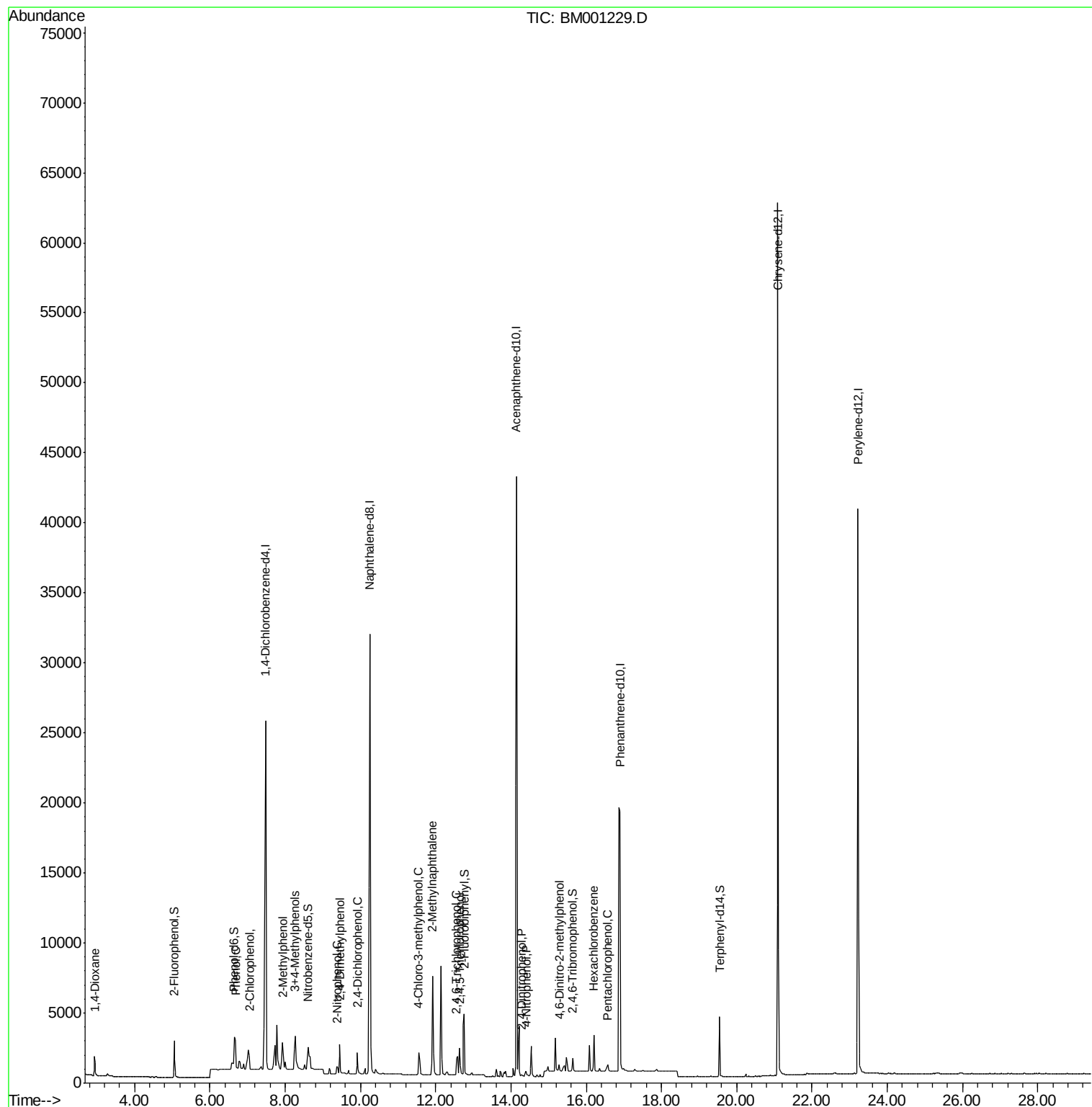
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.94	88	819	0.76	ng	99
5) 2-Chlorophenol	7.05	128	1802	0.77	ng	98
6) Phenol	6.68	94	2733	0.75	ng	98
7) 2-Methylphenol	7.94	107	1494	0.77	ng	98
8) 3+4-Methylphenols	8.27	107	1907	0.76	ng	91
11) 2-Nitrophenol	9.39	139	809	0.74	ng	94
12) 2,4-Dimethylphenol	9.46	122	1728	0.73	ng	98
13) 2,4-Dichlorophenol	9.92	162	1811	0.76	ng	98
14) 4-Chloro-3-methylphenol	11.55	107	1788	0.72	ng	98
15) 2-Methylnaphthalene	11.92	142	5378	0.77	ng	100
18) 2,4,6-Trichlorophenol	12.56	196	1383	0.73	ng	98
19) 2,4,5-Trichlorophenol	12.64	196	1604	0.75	ng	97
21) 2,4-Dinitrophenol	14.29	184	204	0.60	ng	# 83
22) 4-Nitrophenol	14.40	139	363	0.33	ng	96
24) 4,6-Dinitro-2-methylphenol	15.29	198	511	0.64	ng	96
25) Hexachlorobenzene	16.21	284	2686	0.79	ng	99
26) Pentachlorophenol	16.56	266	503	0.67	ng	96

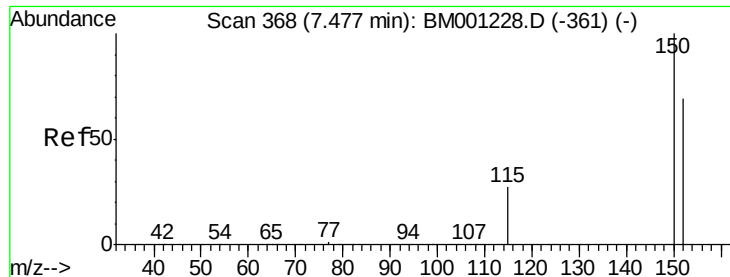
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.48 min Scan# 368

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

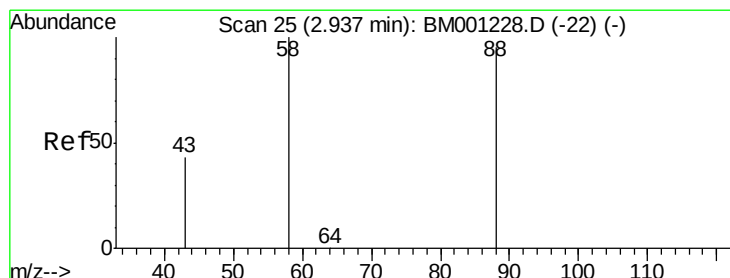
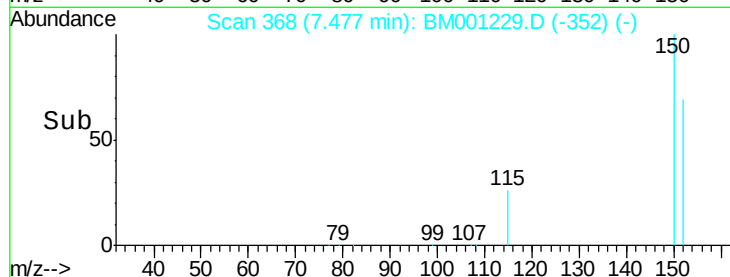
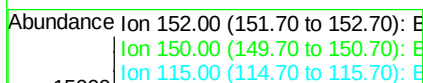
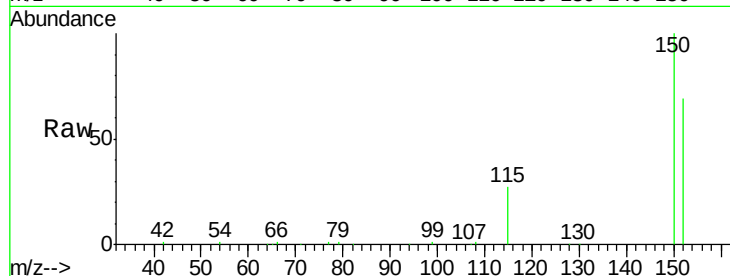
Tot Ion:152 Resp: 16521

Ion Ratio Lower Upper

152 100

150 145.6 116.3 174.5

115 38.7 31.9 47.9



#2

1,4-Dioxane

Concen: 0.76 ng

RT: 2.94 min Scan# 25

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

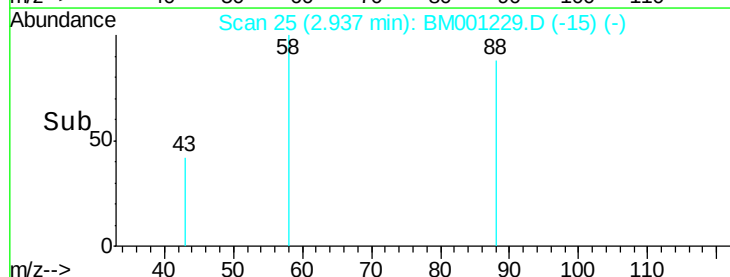
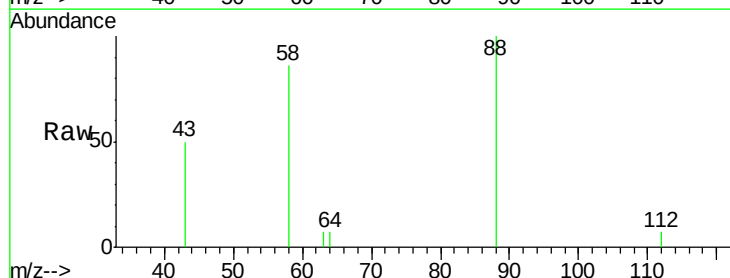
Tgt Ion: 88 Resp: 819

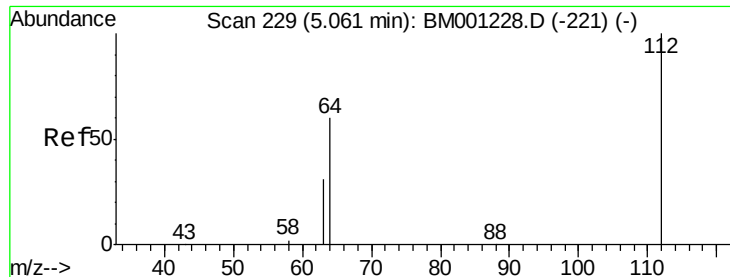
Ion Ratio Lower Upper

88 100

58 93.8 75.5 113.3

43 42.2 32.7 49.1





#3

2-Fluorophenol

Concen: 0.78 ng

RT: 5.06 min Scan# 229

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

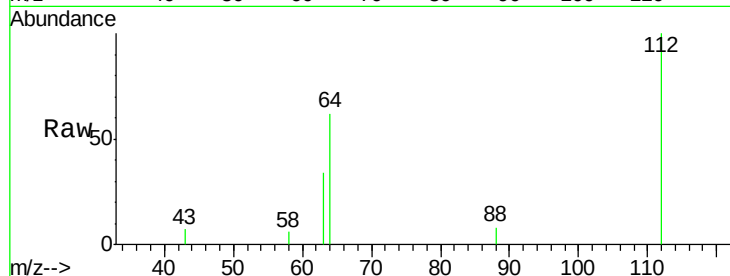
Tot Ion:112 Resp: 2099

Ion Ratio Lower Upper

112 100

64 61.7 49.3 73.9

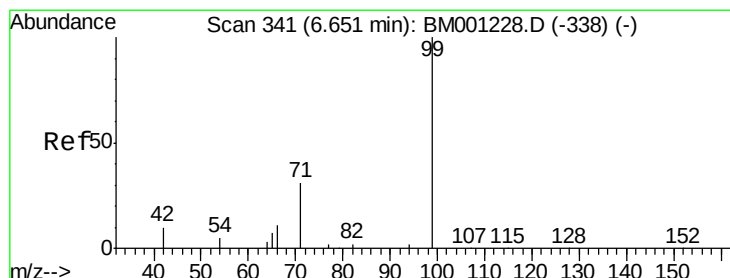
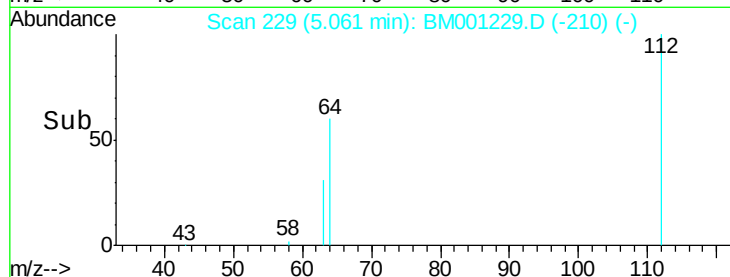
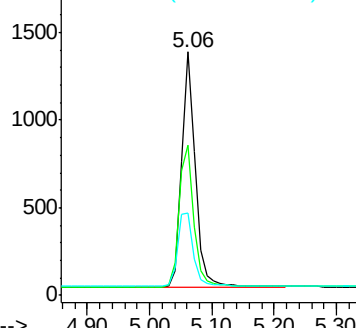
63 33.7 26.2 39.4



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: 0.75 ng

RT: 6.65 min Scan# 341

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

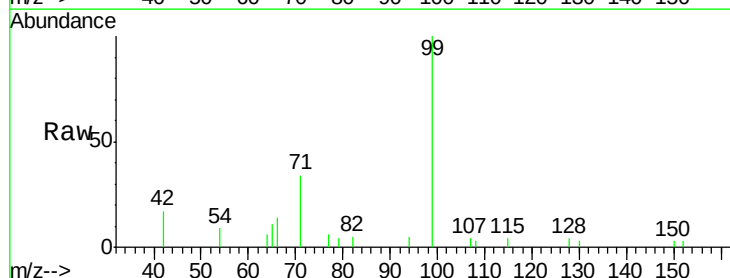
Tgt Ion: 99 Resp: 2742

Ion Ratio Lower Upper

99 100

42 16.9 12.1 18.1

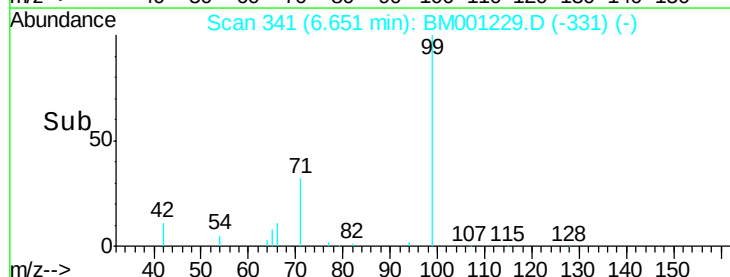
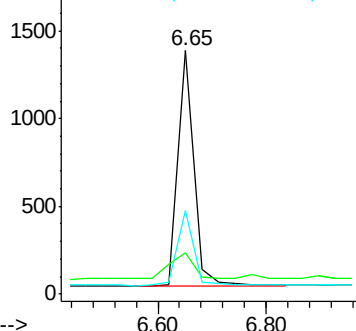
71 34.3 26.4 39.6

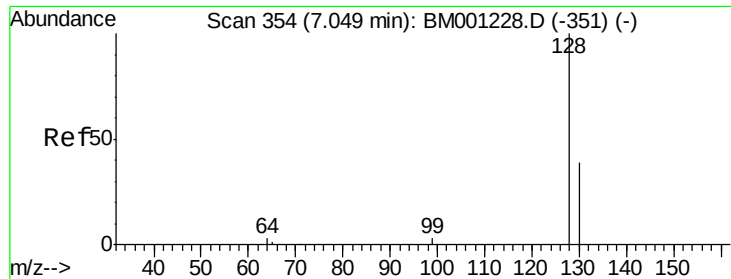


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#5

2-Chlorophenol

Concen: 0.77 ng

RT: 7.05 min Scan# 354

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

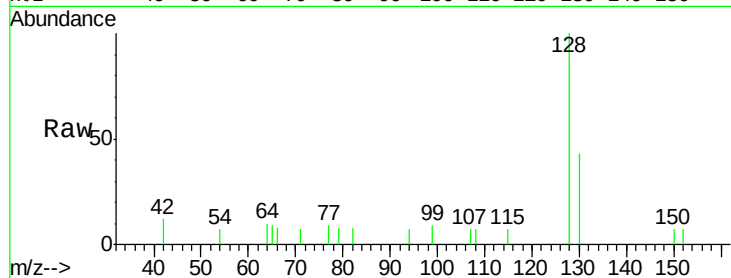
Tot Ion:128 Resp: 1802

Ion Ratio Lower Upper

128 100

130 43.1 22.2 62.2

64 10.1 0.0 28.7

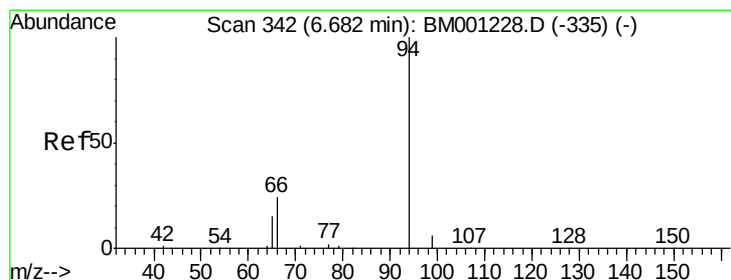
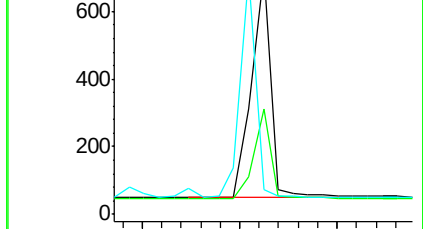
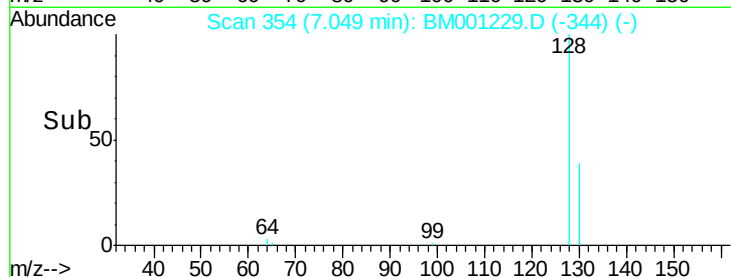


Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B

Time-->



#6

Phenol

Concen: 0.75 ng

RT: 6.68 min Scan# 342

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

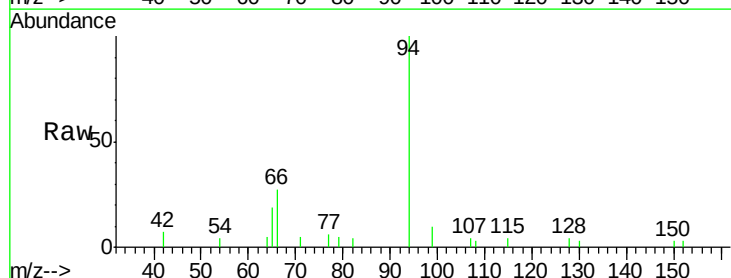
Tgt Ion: 94 Resp: 2733

Ion Ratio Lower Upper

94 100

65 19.1 0.0 37.7

66 27.1 6.3 46.3

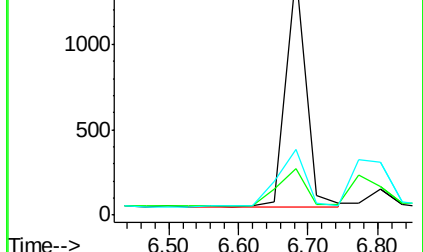
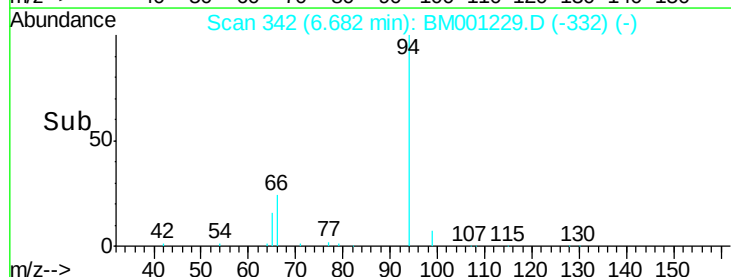


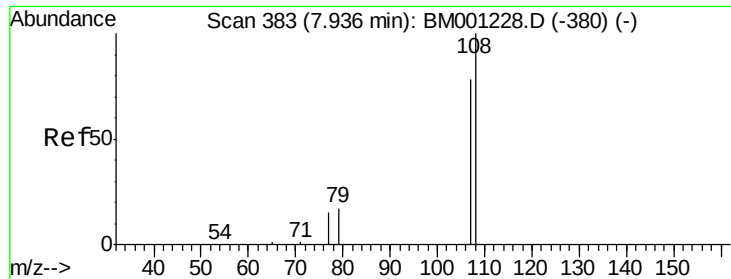
Abundance Ion 94.00 (93.70 to 94.70): B

Ion 65.00 (64.70 to 65.70): B

Ion 66.00 (65.70 to 66.70): B

Time-->





#7

2-Methylphenol

Concen: 0.77 ng

RT: 7.94 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tot Ion:107 Resp: 1494

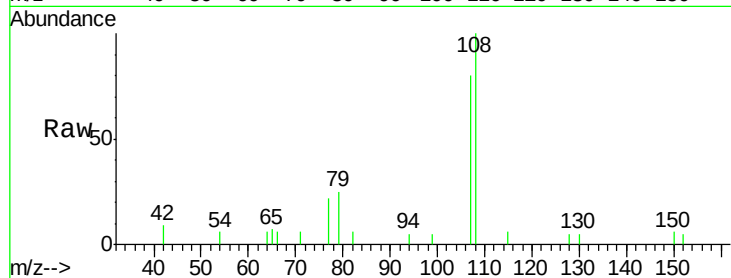
Ion Ratio Lower Upper

107 100

108 124.3 100.9 151.3

77 27.7 20.3 30.5

79 31.1 22.8 34.2

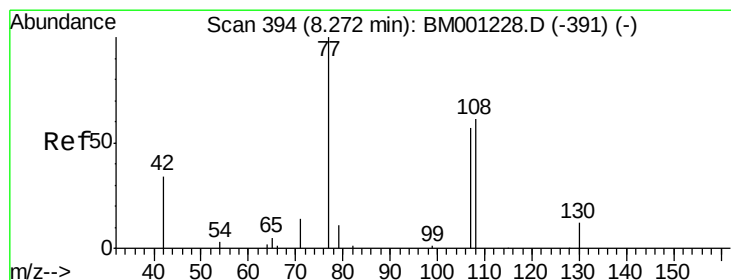
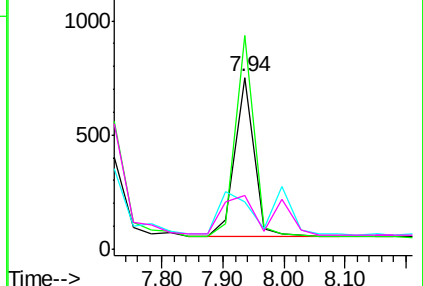
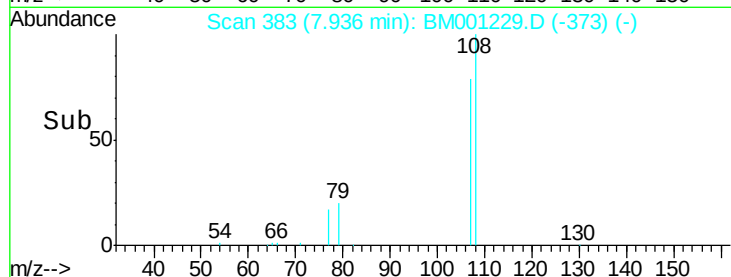


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.76 ng

RT: 8.27 min Scan# 394

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Tgt Ion:107 Resp: 1907

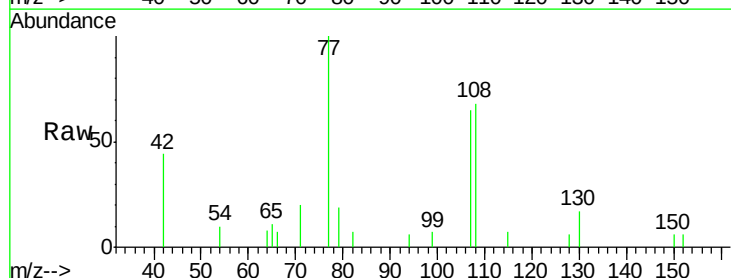
Ion Ratio Lower Upper

107 100

108 104.2 86.3 126.3

77 153.6 151.7 191.7

79 29.7 7.4 47.4

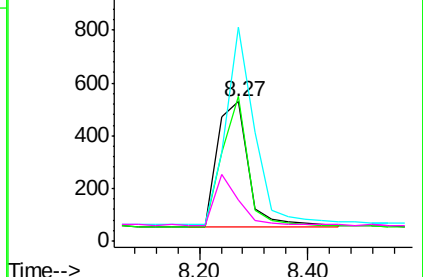
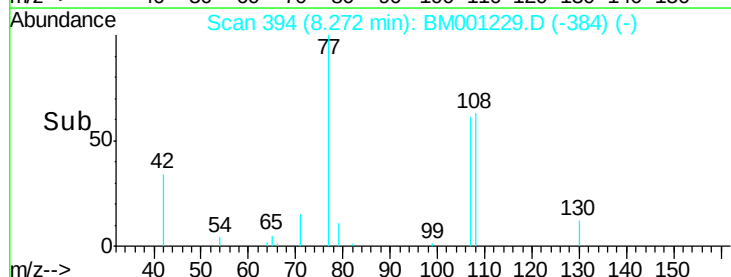


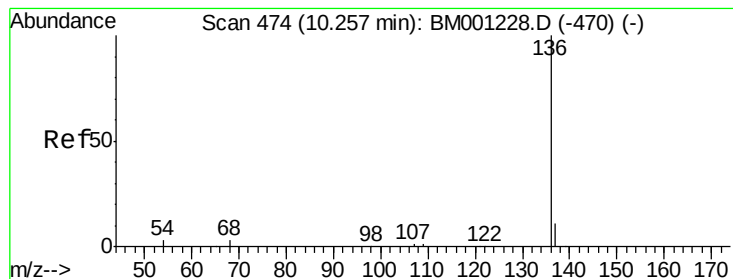
Abundance Ion 107.00 (106.70 to 107.70): E

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: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 48792

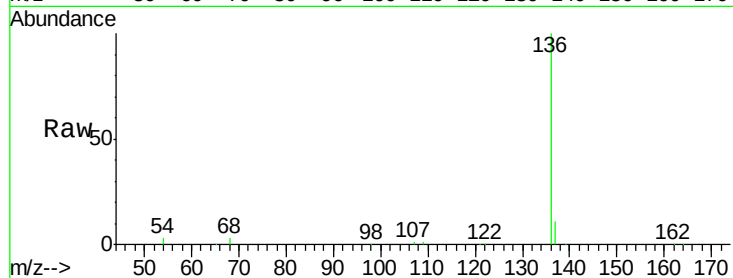
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 3.1 2.6 3.8

68 2.6 2.2 3.2

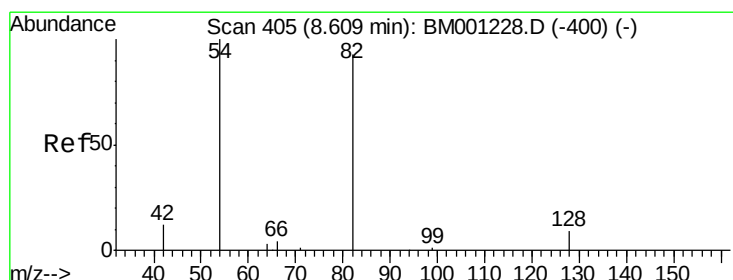
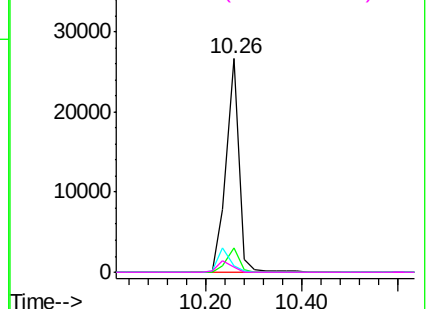
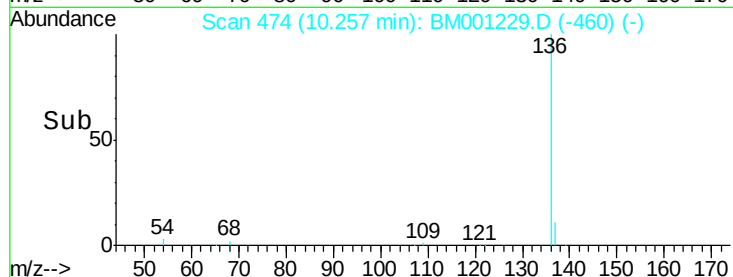


Abundance Ion 136.00 (135.70 to 136.70): E

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



#10

Nitrobenzene-d5

Concen: 0.76 ng

RT: 8.61 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

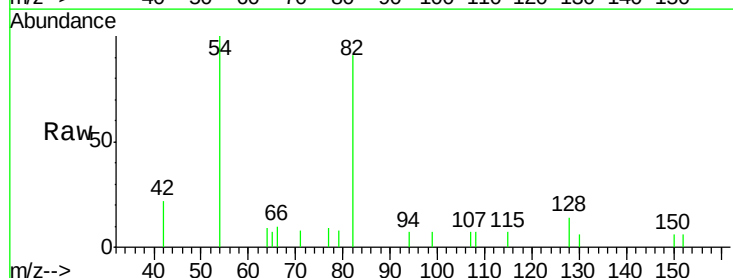
Tgt Ion: 82 Resp: 2105

Ion Ratio Lower Upper

82 100

128 0.0 0.0 0.0

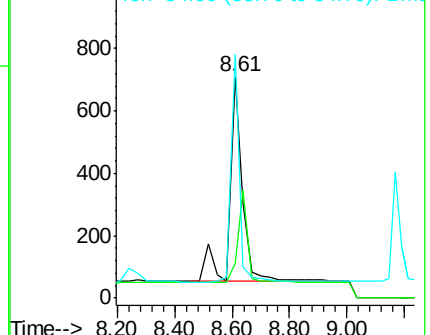
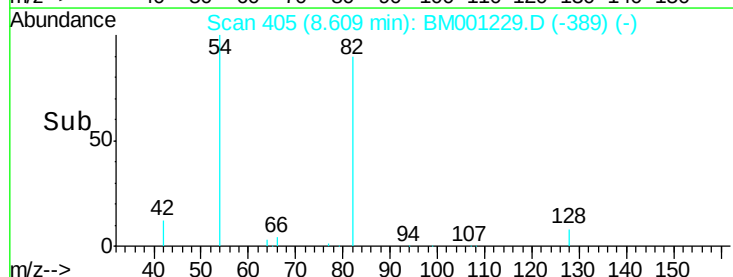
54 73.8 59.0 88.6

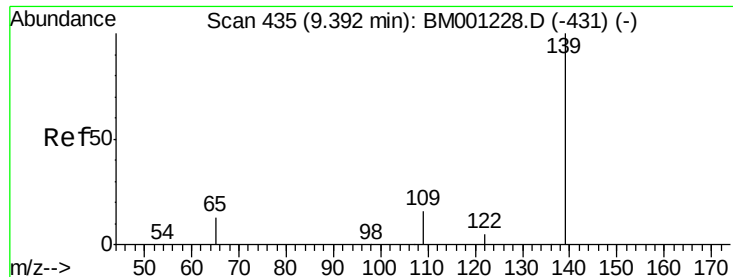


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

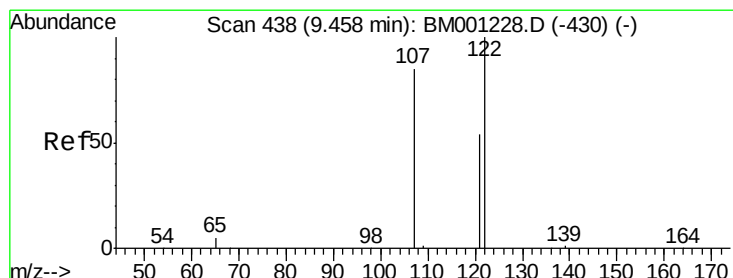
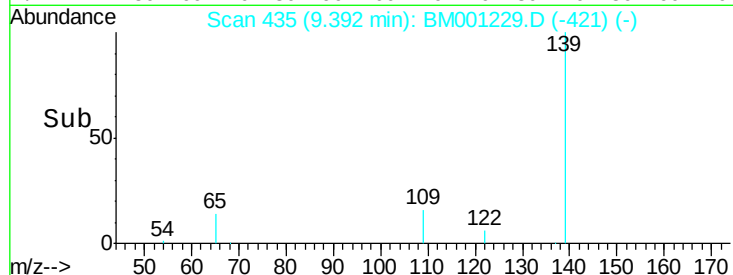
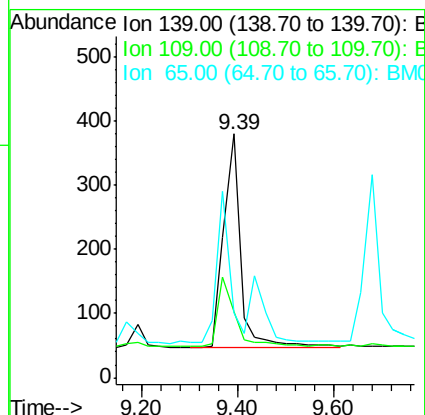
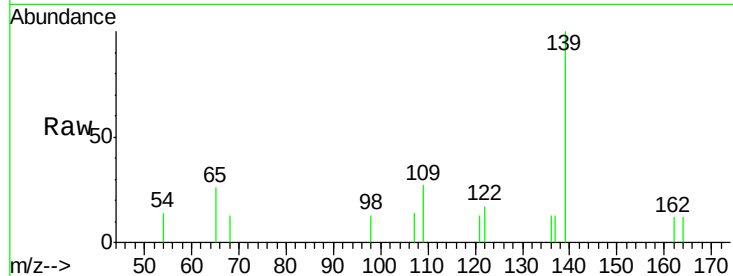




#11
2-Nitrophenol
Concen: 0.74 ng
RT: 9.39 min Scan# 435
Delta R.T. -0.00 min
Lab File: BM001229.D
Acq: 06 May 2015 22:29

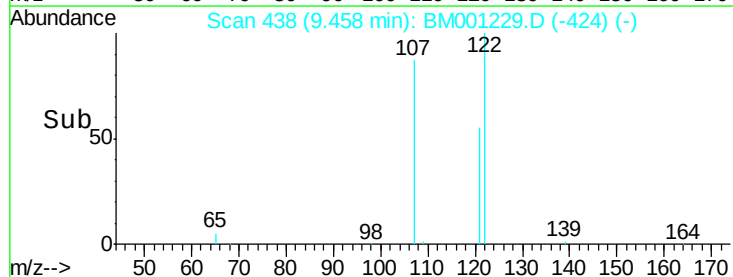
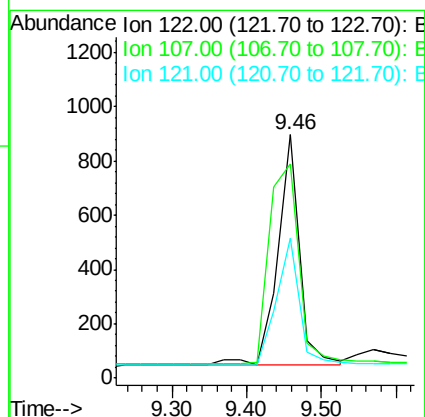
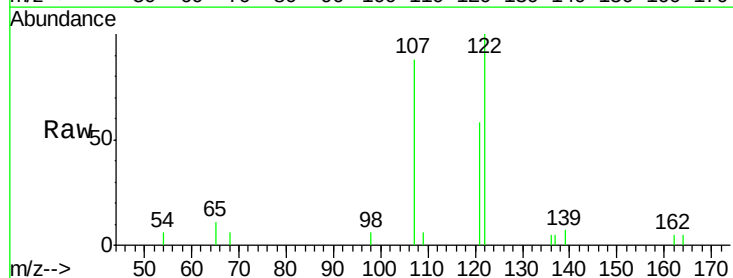
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

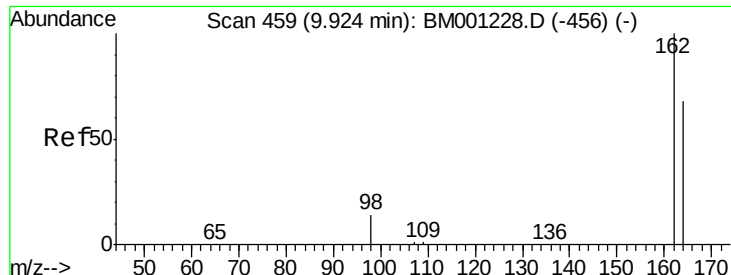
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.8	19.5	29.3
65	26.3	18.6	28.0



#12
2,4-Dimethylphenol
Concen: 0.73 ng
RT: 9.46 min Scan# 438
Delta R.T. -0.00 min
Lab File: BM001229.D
Acq: 06 May 2015 22:29

Tgt Ion	Ratio	Lower	Upper
122	100		
107	87.7	68.6	102.8
121	57.6	44.8	67.2

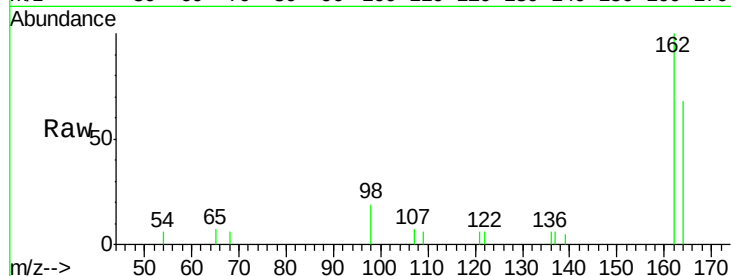




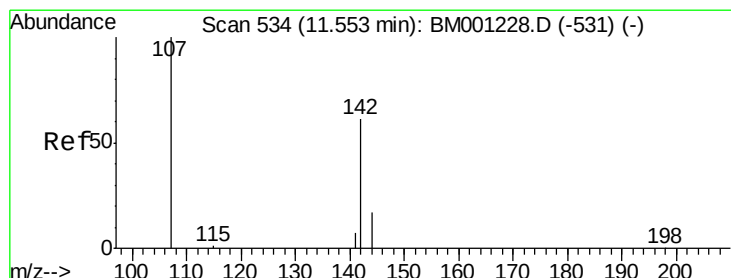
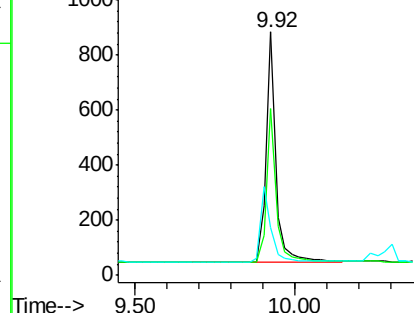
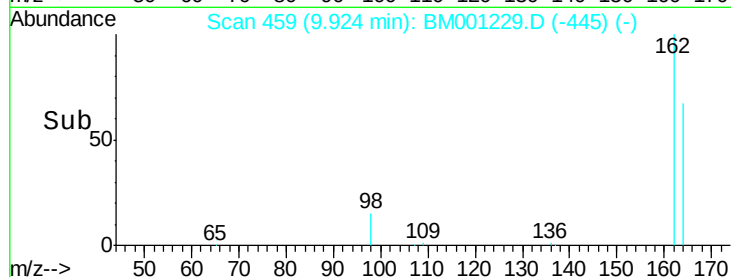
#13
 2,4-Dichlorophenol
 Concen: 0.76 ng
 RT: 9.92 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BM001229.D
 Acq: 06 May 2015 22:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Tot Ion:	162	Resp:	1811
Ion	Ratio	Lower	Upper
162	100		
164	68.4	49.2	89.2
98	19.5	0.0	37.4

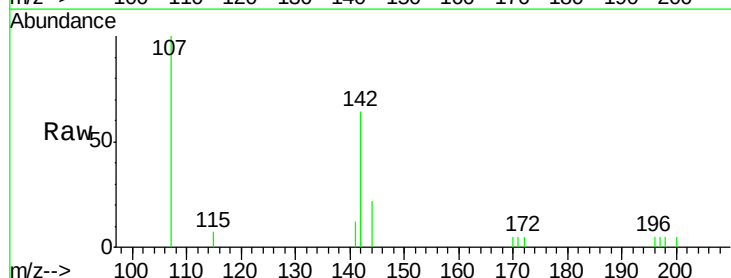


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

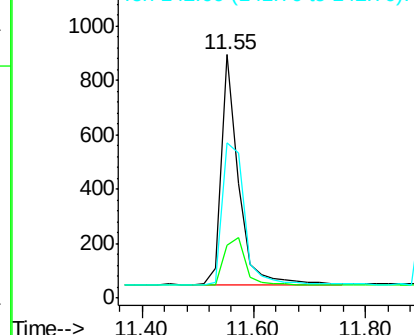
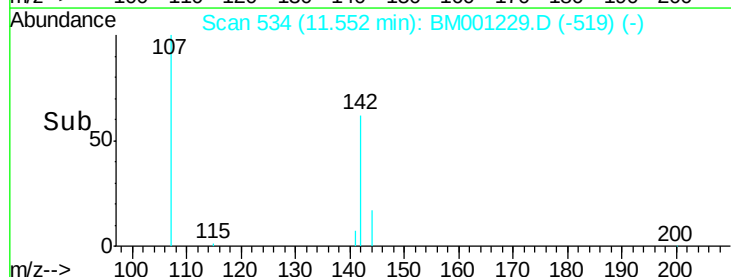


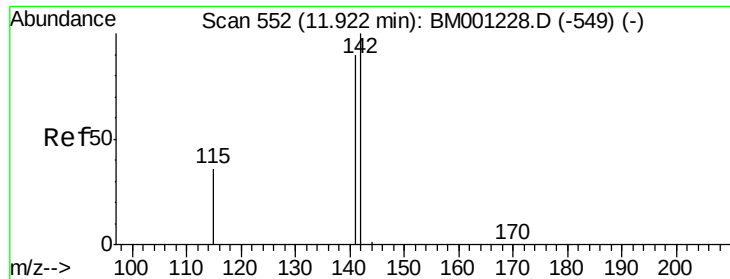
#14
 4-Chloro-3-methylphenol
 Concen: 0.72 ng
 RT: 11.55 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BM001229.D
 Acq: 06 May 2015 22:29

Tgt Ion:	107	Resp:	1788
Ion	Ratio	Lower	Upper
107	100		
144	21.6	16.2	24.2
142	63.9	49.8	74.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#15

2-Methylnaphthalene

Concen: 0.77 ng

RT: 11.92 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

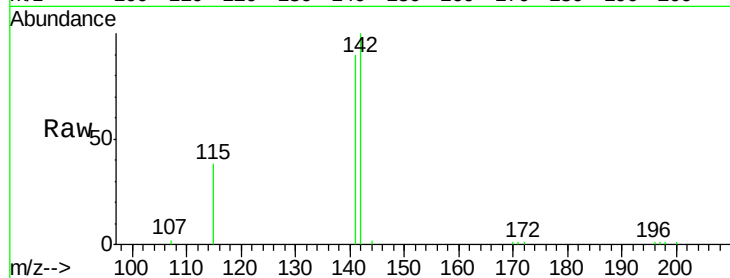
Tot Ion:142 Resp: 5378

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.0

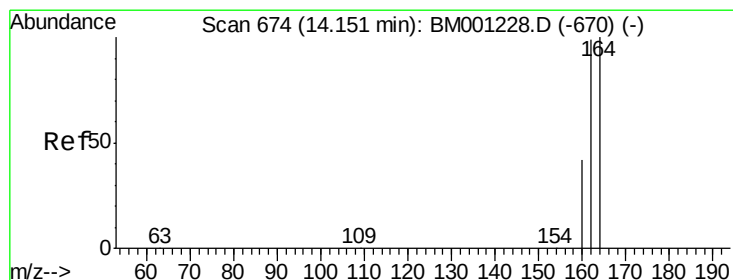
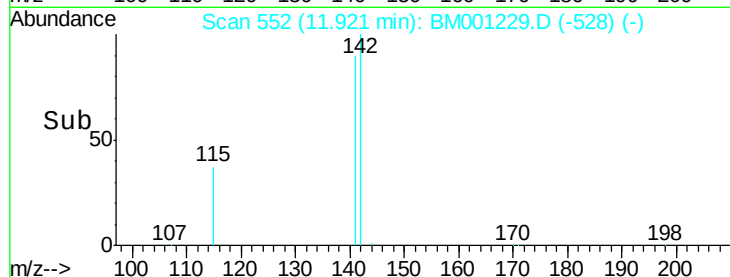
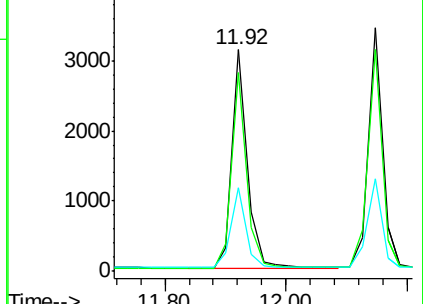
115 36.5 29.3 43.9



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



#16

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.15 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

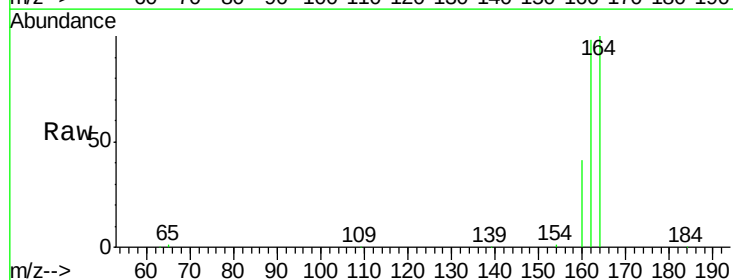
Tgt Ion:164 Resp: 25964

Ion Ratio Lower Upper

164 100

162 98.0 79.2 118.8

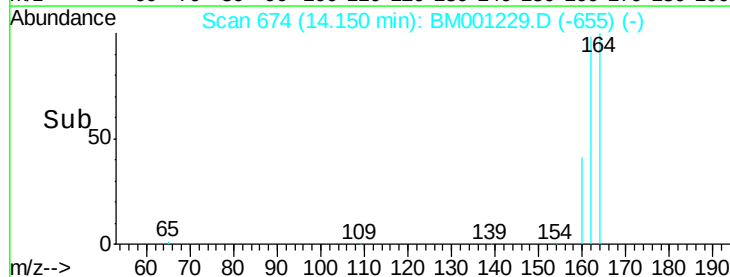
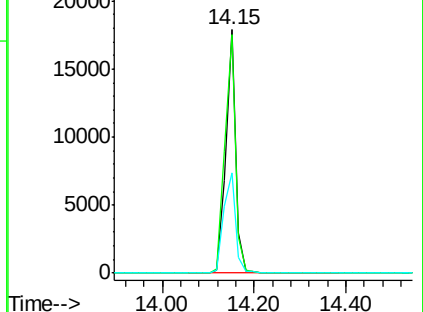
160 41.1 33.7 50.5

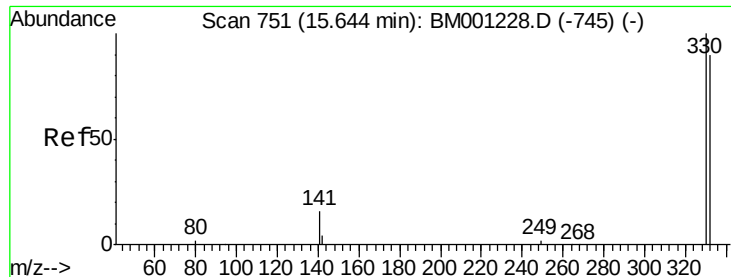


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

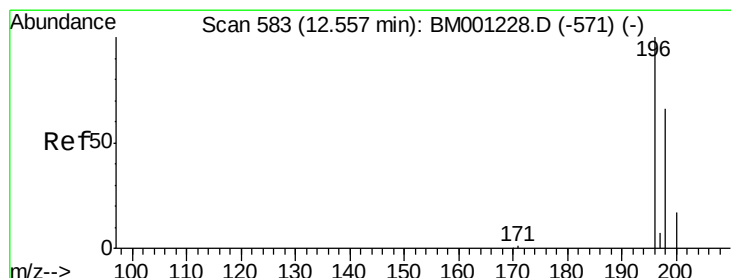
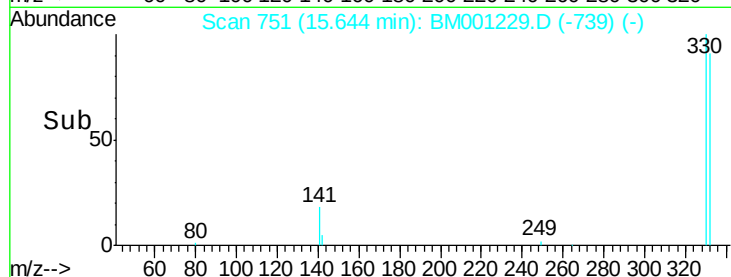
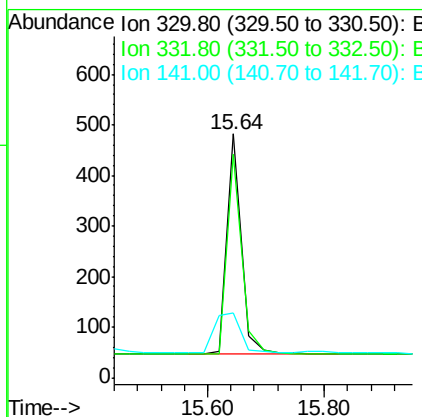
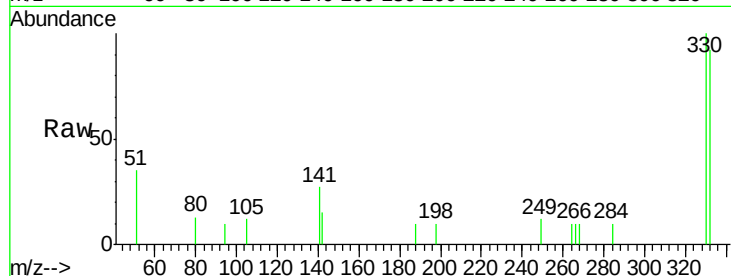




#17
 2,4,6-Tribromophenol
 Concen: 0.71 ng
 RT: 15.64 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BM001229.D
 Acq: 06 May 2015 22:29

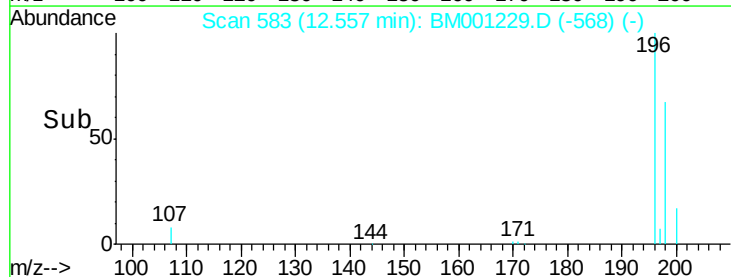
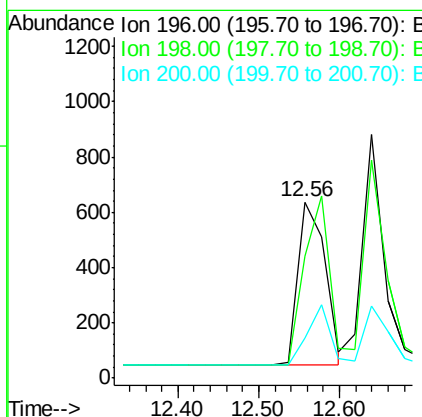
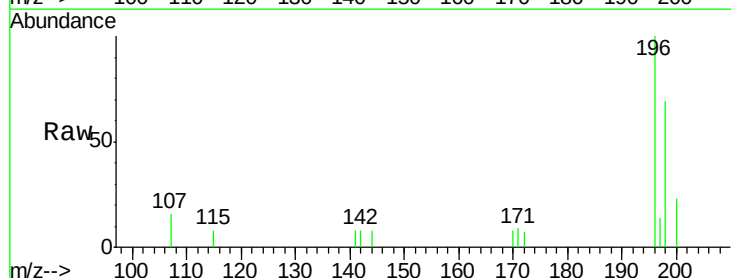
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

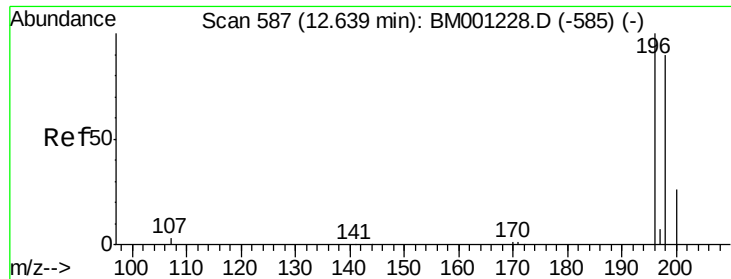
Tot Ion:330 Resp: 766
 Ion Ratio Lower Upper
 330 100
 332 92.7 74.0 111.0
 141 32.2 24.1 36.1



#18
 2,4,6-Trichlorophenol
 Concen: 0.73 ng
 RT: 12.56 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BM001229.D
 Acq: 06 May 2015 22:29

Tgt Ion:196 Resp: 1383
 Ion Ratio Lower Upper
 196 100
 198 69.4 54.2 81.2
 200 22.9 17.1 25.7

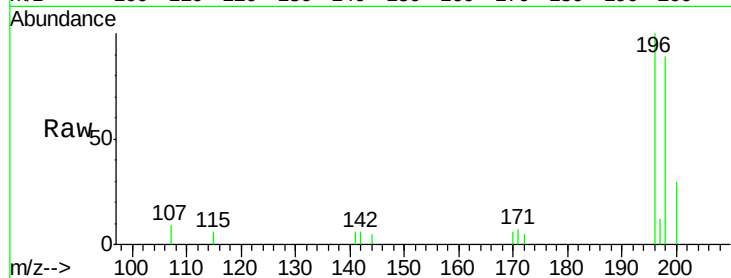




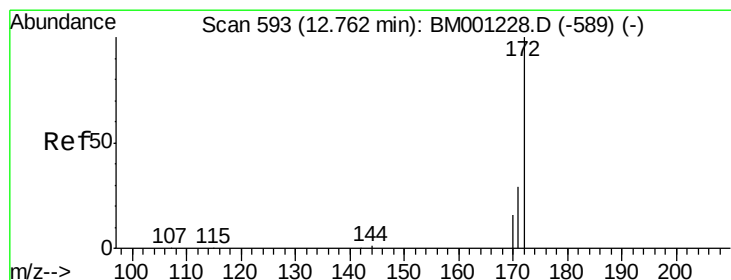
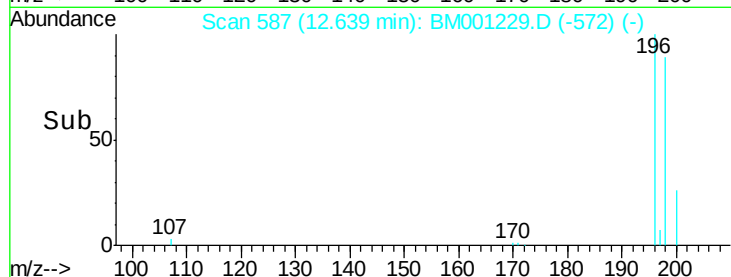
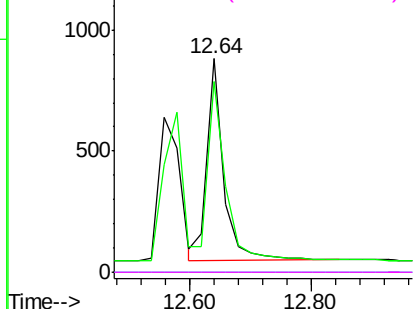
#19
2,4,5-Trichlorophenol
Concen: 0.75 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001229.D
Acq: 06 May 2015 22:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion:196 Resp: 1604
Ion Ratio Lower Upper
196 100
198 89.3 73.6 110.4
97 0.0 0.0 0.0
132 0.0 0.0 0.0

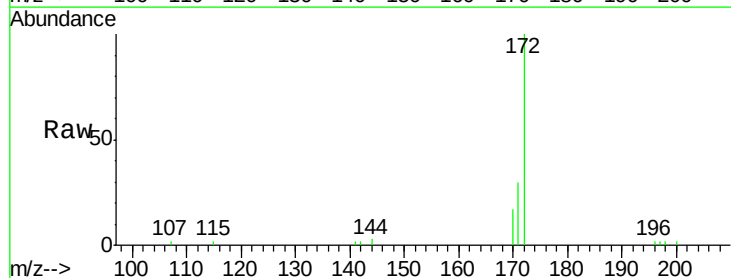


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

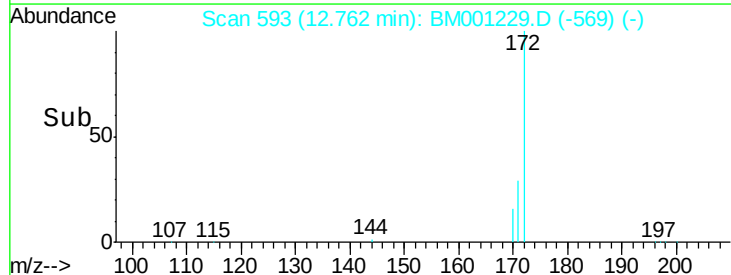
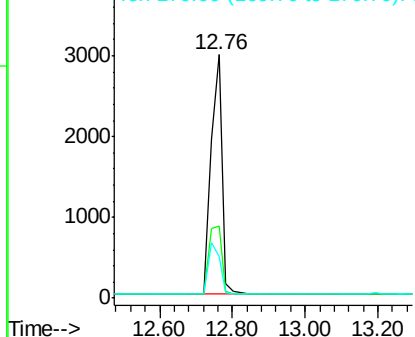


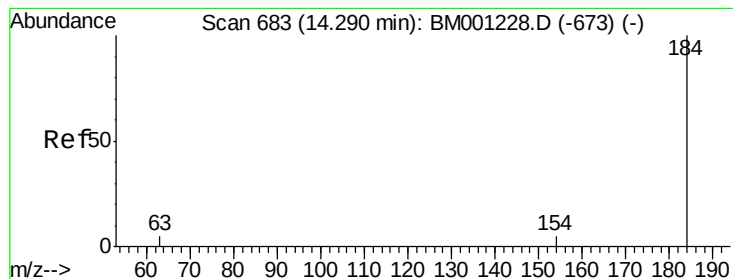
#20
2-Fluorobiphenyl
Concen: 0.78 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001229.D
Acq: 06 May 2015 22:29

Tgt Ion:172 Resp: 6344
Ion Ratio Lower Upper
172 100
171 33.6 0.0 0.0#
170 0.0 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





#21

2,4-Dinitrophenol

Concen: 0.60 ng

RT: 14.29 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

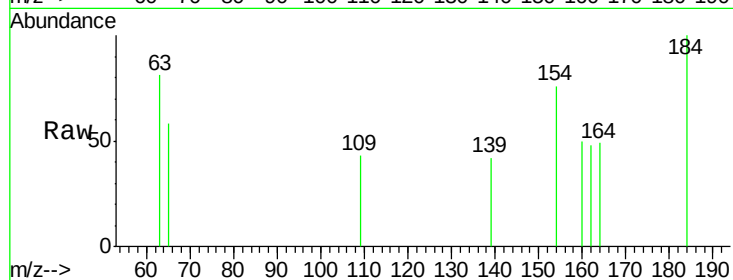
Tot Ion:184 Resp: 204

Ion Ratio Lower Upper

184 100

63 80.5 52.0 78.0#

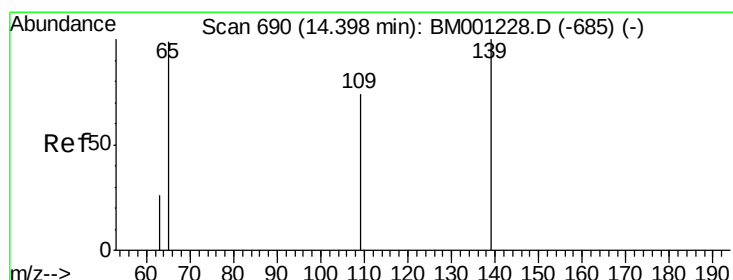
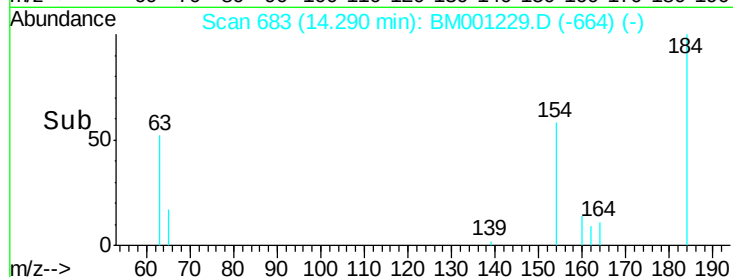
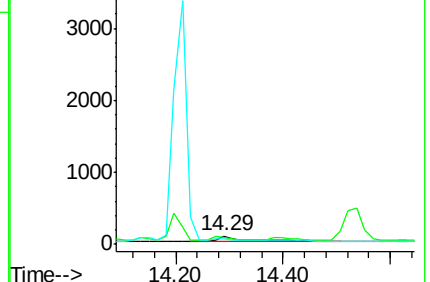
154 76.1 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#22

4-Nitrophenol

Concen: 0.33 ng

RT: 14.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

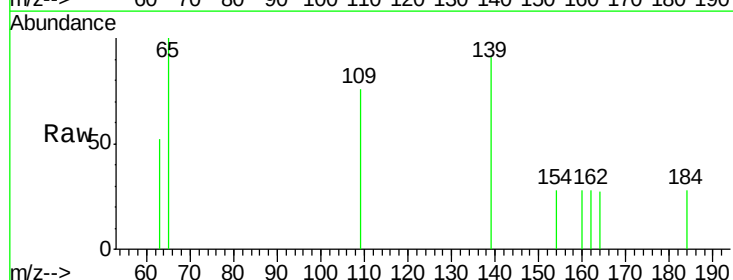
Tgt Ion:139 Resp: 363

Ion Ratio Lower Upper

139 100

109 83.2 60.0 100.0

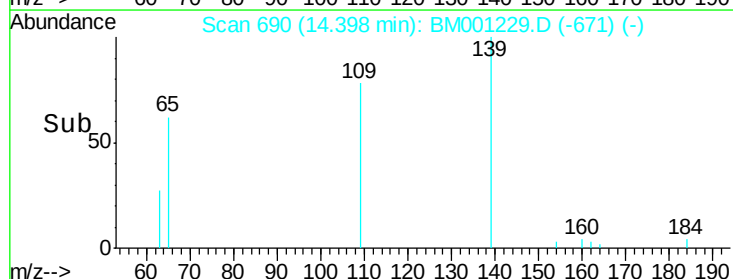
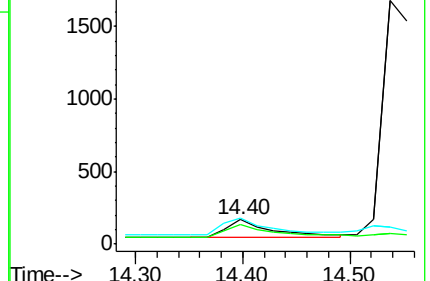
65 109.6 85.7 125.7

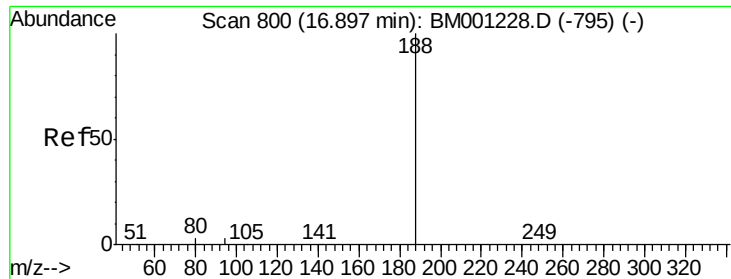


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0





#23

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.90 min Scan# 800

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

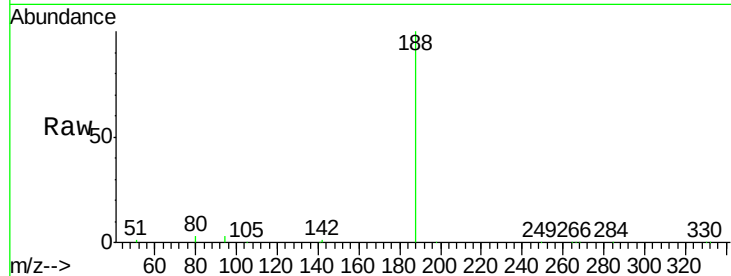
Tot Ion:188 Resp: 45943

Ion Ratio Lower Upper

188 100

94 3.5 2.9 4.3

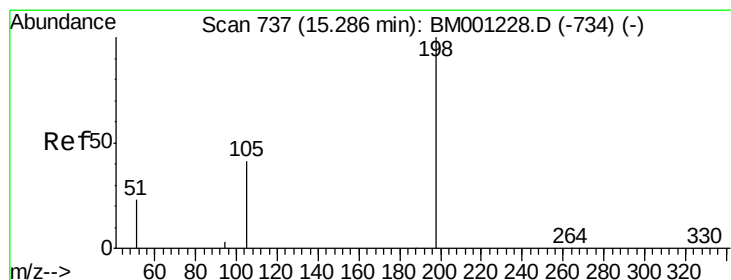
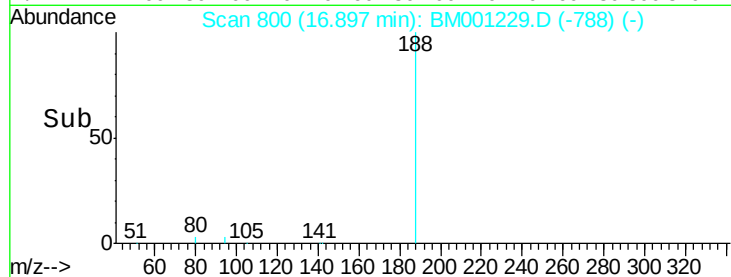
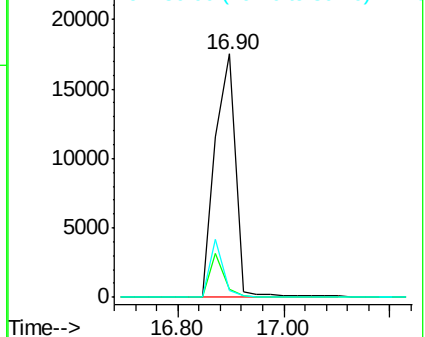
80 2.9 2.5 3.7



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



#24

4,6-Dinitro-2-methylphenol

Concen: 0.64 ng

RT: 15.29 min Scan# 737

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

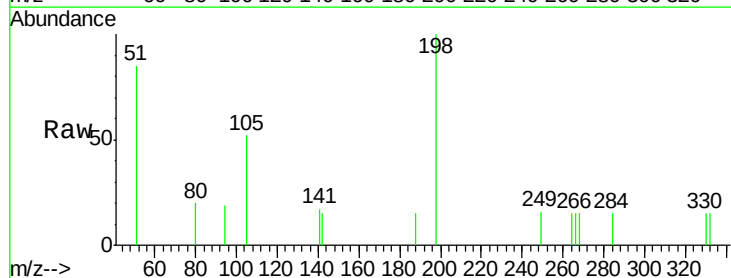
Tgt Ion:198 Resp: 511

Ion Ratio Lower Upper

198 100

51 84.6 60.8 100.8

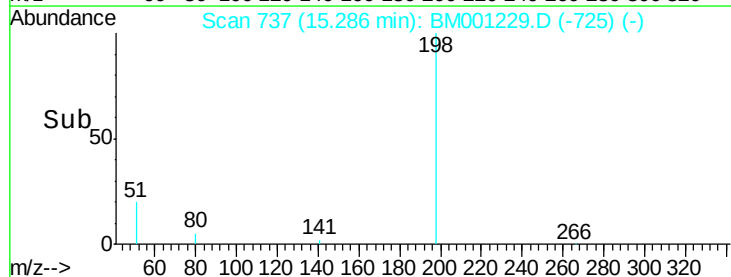
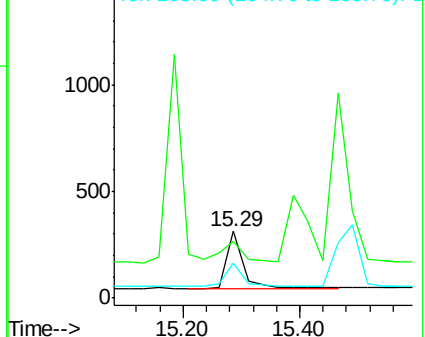
105 52.2 30.0 70.0

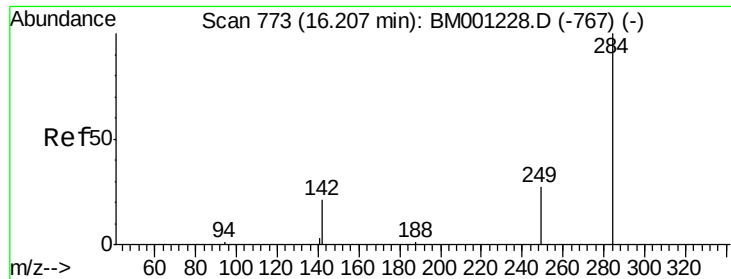


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

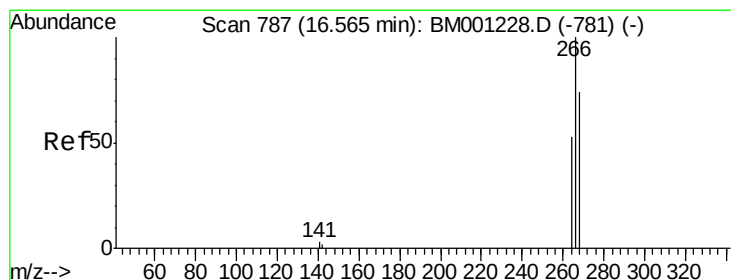
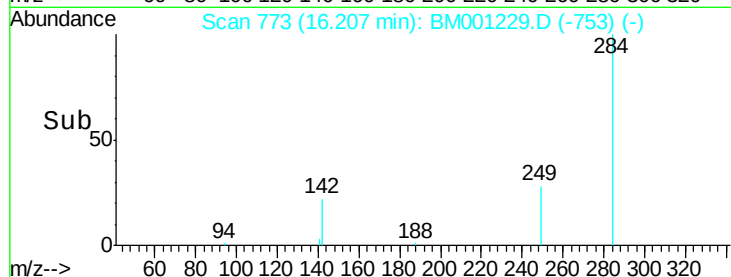
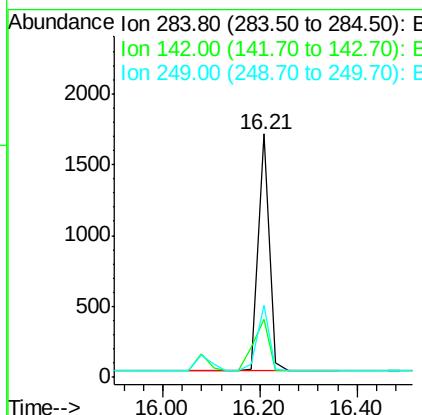
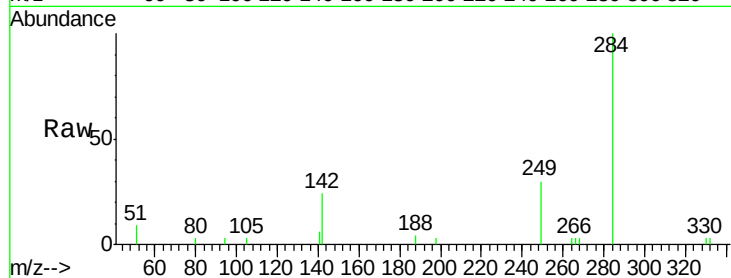




#25
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.21 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM001229.D
Acq: 06 May 2015 22:29

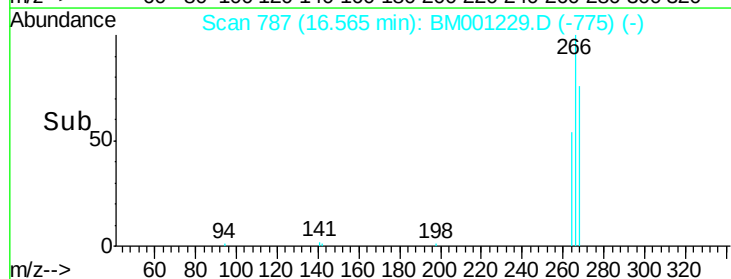
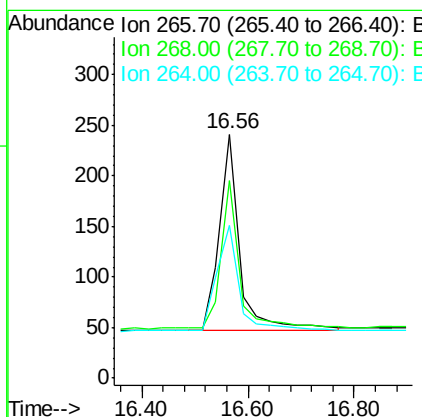
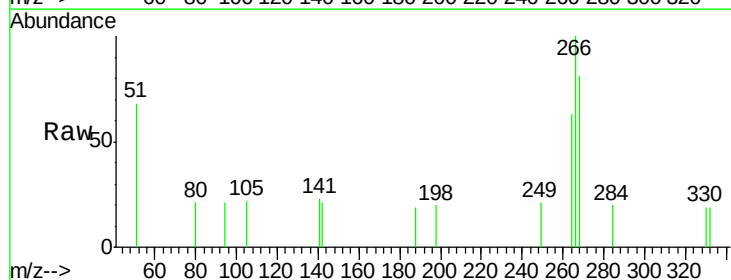
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

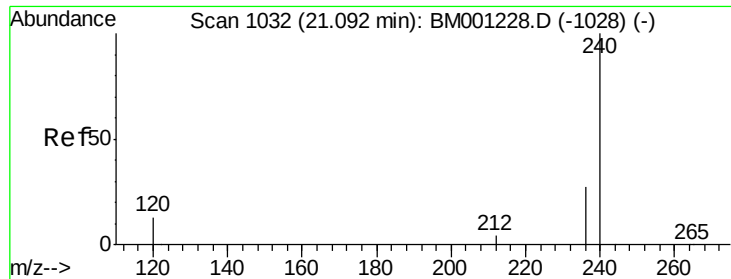
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.3	34.9
249	28.7	23.3	34.9



#26
Pentachlorophenol
Concen: 0.67 ng
RT: 16.56 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM001229.D
Acq: 06 May 2015 22:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	81.3	62.6	94.0
264	62.7	47.9	71.9





#27

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

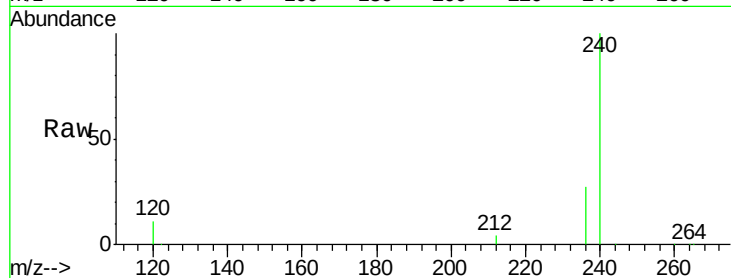
Tot Ion:240 Resp: 54535

Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

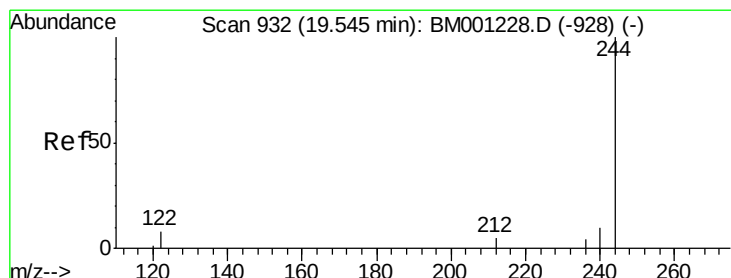
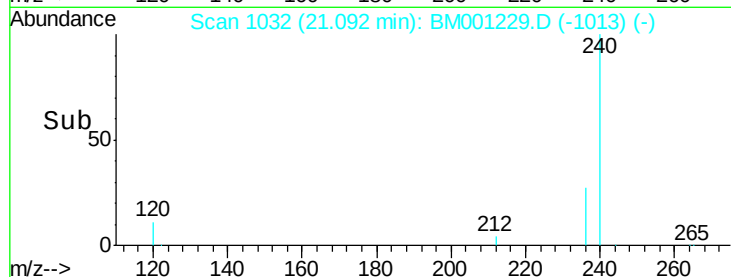
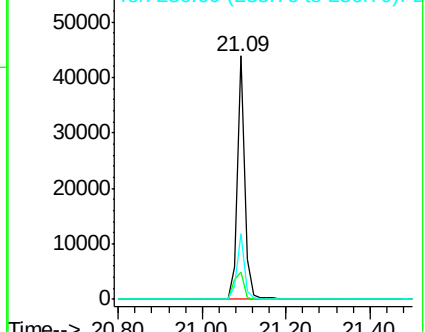
236 27.0 22.0 33.0



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



#28

Terphenyl-d14

Concen: 0.00 ng

RT: 19.55 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

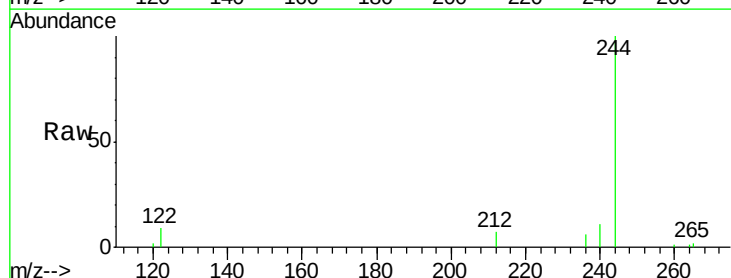
Tgt Ion:244 Resp: 5384

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

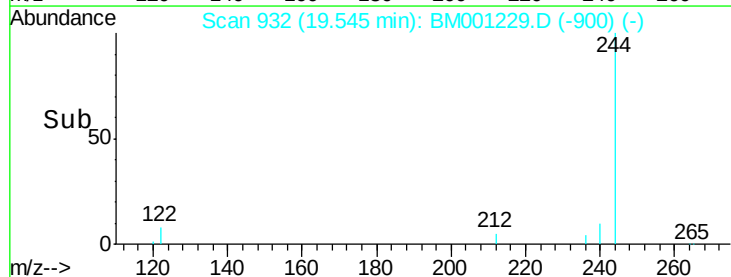
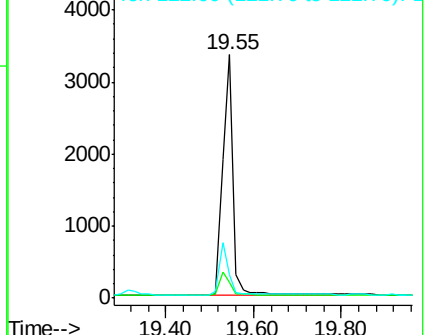
122 18.9 14.8 22.2

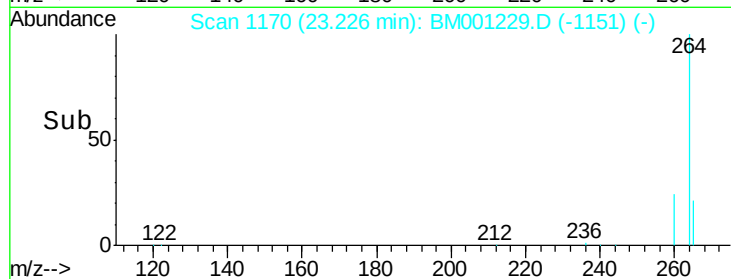
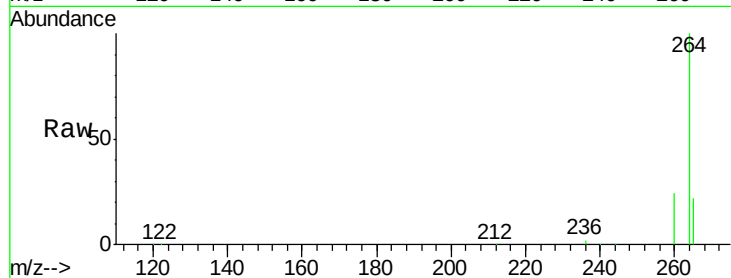
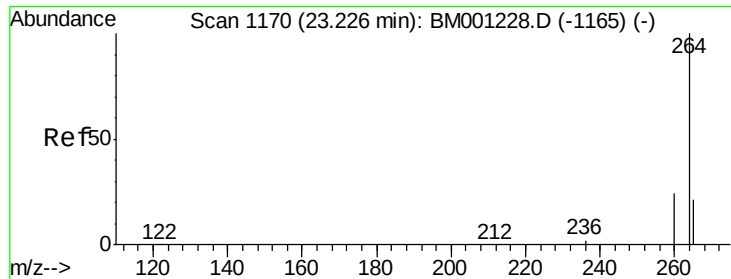


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Pervlene-d12

Concen: 5.00 ng

RT: 23.23 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BM001229.D

Acq: 06 May 2015 22:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tot Ion: 264 Resp: 50466

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 22.2 17.4 26.2

