

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
 Data File : BM001228.D
 Acq On : 06 May 2015 21:53
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: May 07 06:39:49 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	15885	5.00	ng	0.00
9) Naphthalene-d8	10.26	136	46857	5.00	ng	0.00
16) Acenaphthene-d10	14.15	164	24831	5.00	ng	0.00
23) Phenanthrene-d10	16.90	188	44214	5.00	ng	0.00
27) Chrysene-d12	21.09	240	50117	5.00	ng	0.00
29) Perylene-d12	23.23	264	45801	5.00	ng	0.00

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	2621	1.01	ng	0.00
4) Phenol-d6	6.65	99	3602	1.03	ng	0.00
10) Nitrobenzene-d5	8.61	82	2687	1.01	ng	0.00
17) 2,4,6-Tribromophenol	15.64	330	1022	0.99	ng	0.00
20) 2-Fluorobiphenyl	12.76	172	7968	1.03	ng	0.00
28) Terphenyl-d14	19.55	244	6769	0.01	ng	0.00

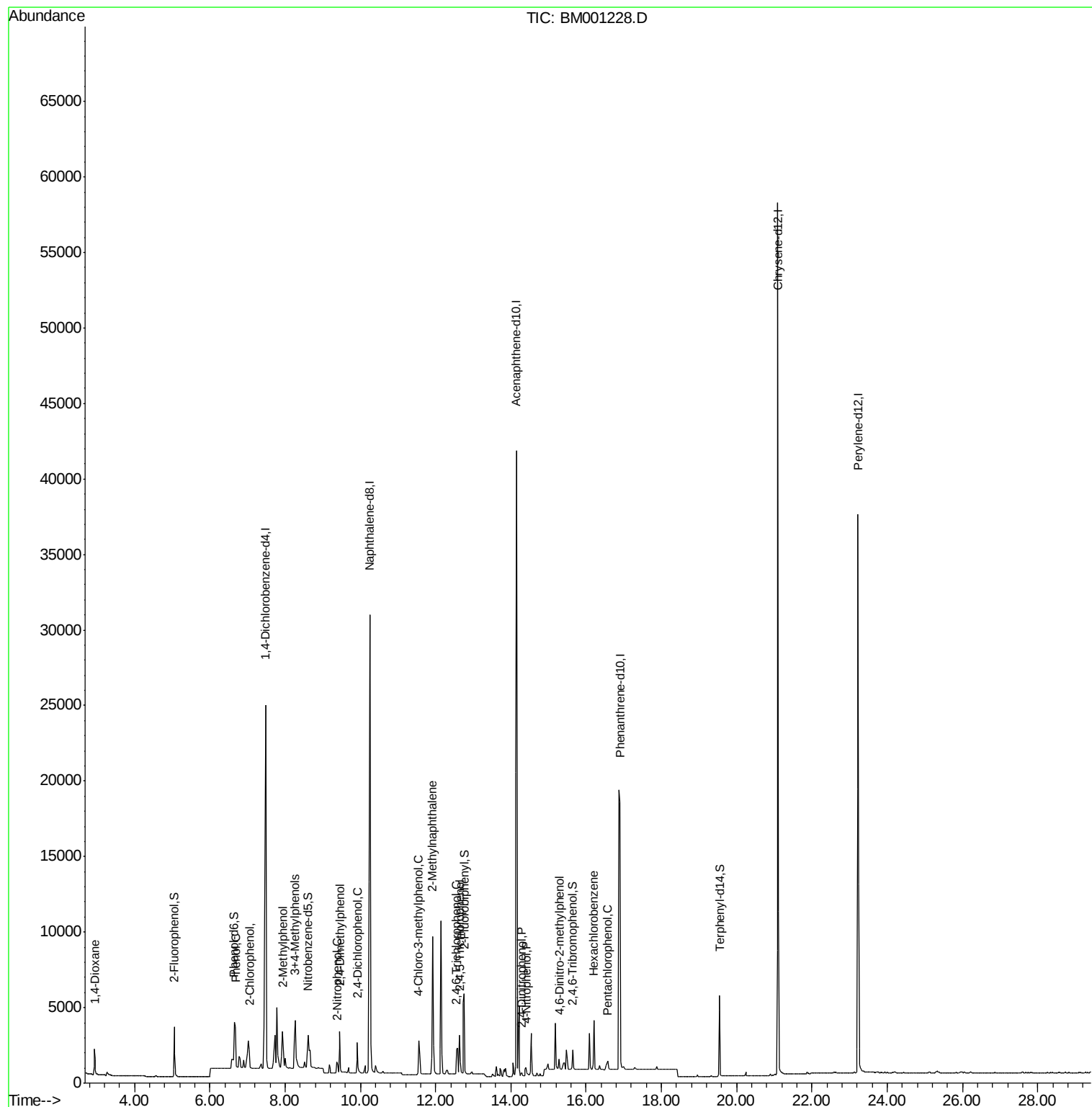
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.94	88	1020	0.99	ng	100
5) 2-Chlorophenol	7.05	128	2248	0.99	ng	100
6) Phenol	6.68	94	3569	1.01	ng	100
7) 2-Methylphenol	7.94	107	1879	1.01	ng	100
8) 3+4-Methylphenols	8.27	107	2463	1.02	ng	100
11) 2-Nitrophenol	9.39	139	1037	0.99	ng	100
12) 2,4-Dimethylphenol	9.46	122	2281	1.01	ng	100
13) 2,4-Dichlorophenol	9.92	162	2335	1.01	ng	100
14) 4-Chloro-3-methylphenol	11.55	107	2390	1.00	ng	100
15) 2-Methylnaphthalene	11.92	142	6902	1.03	ng	100
18) 2,4,6-Trichlorophenol	12.56	196	1822	1.00	ng	100
19) 2,4,5-Trichlorophenol	12.64	196	2070	1.01	ng	100
21) 2,4-Dinitrophenol	14.29	184	272	0.83	ng	100
22) 4-Nitrophenol	14.40	139	509	0.48	ng	100
24) 4,6-Dinitro-2-methylphenol	15.29	198	683	0.88	ng	100
25) Hexachlorobenzene	16.21	284	3420	1.05	ng	100
26) Pentachlorophenol	16.56	266	692	0.96	ng	100

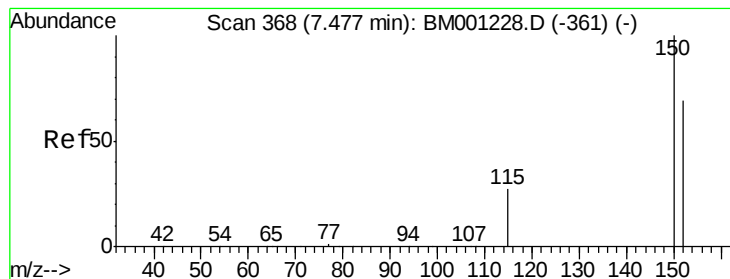
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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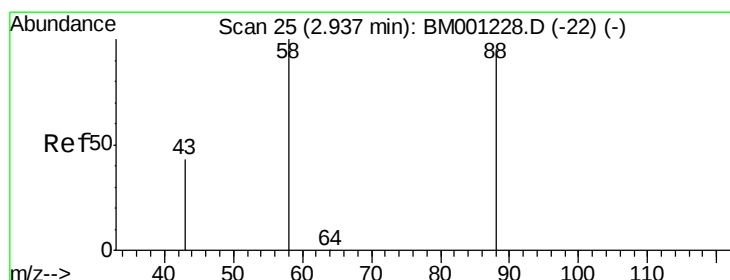
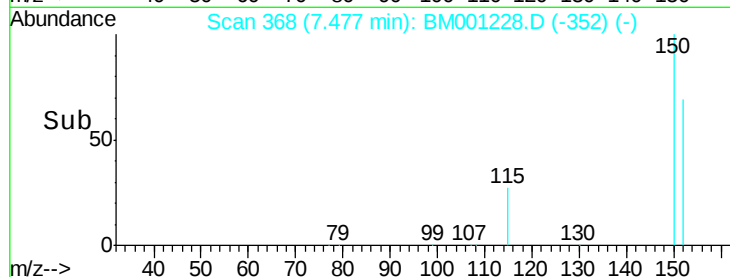
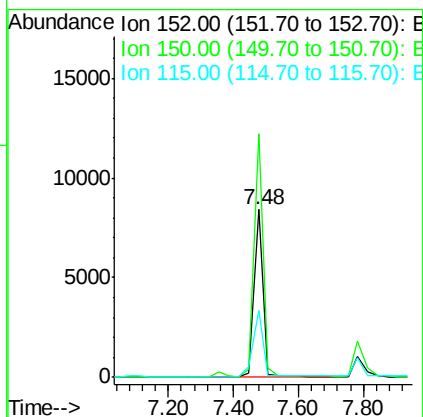
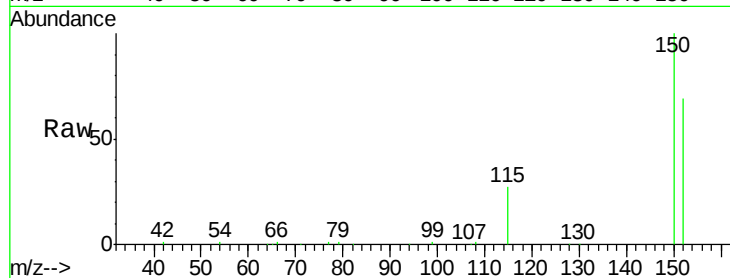


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. 0.00 min
Lab File: BM001228.D
Acq: 06 May 2015 21:53

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

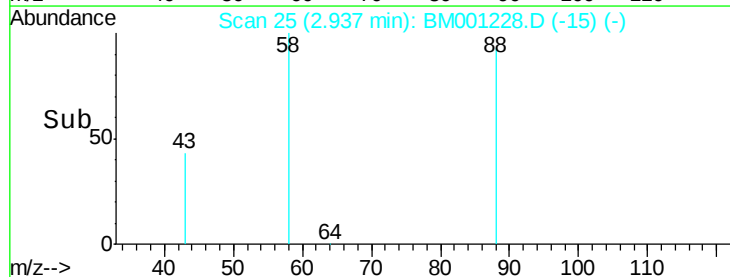
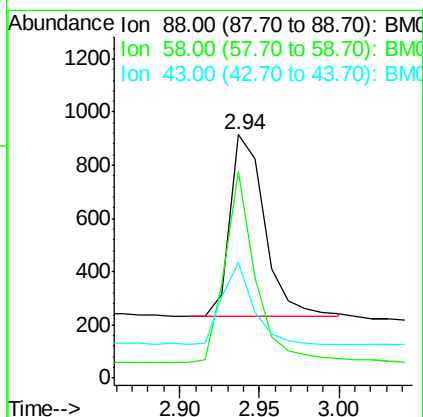
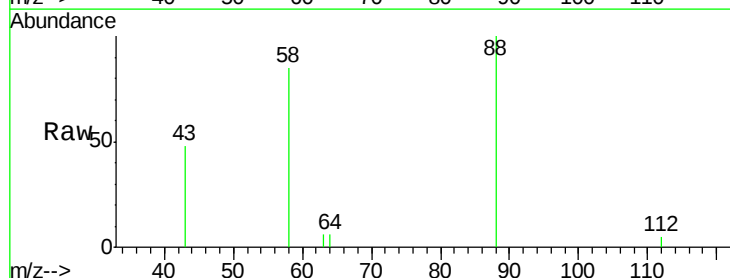
Tot Ion:152 Resp: 15885
Ion Ratio Lower Upper
152 100
150 145.4 116.3 174.5
115 39.9 31.9 47.9

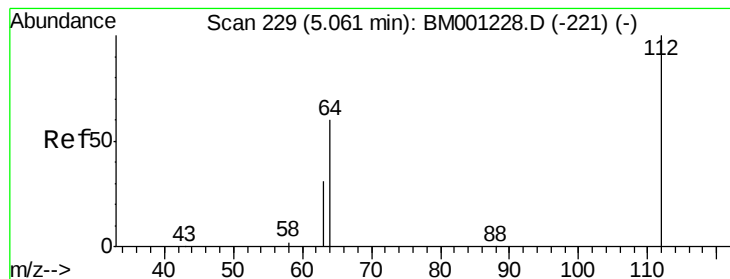


#2

1,4-Dioxane
Concen: 0.99 ng
RT: 2.94 min Scan# 25
Delta R.T. 0.00 min
Lab File: BM001228.D
Acq: 06 May 2015 21:53

Tgt Ion: 88 Resp: 1020
Ion Ratio Lower Upper
88 100
58 94.4 75.5 113.3
43 40.9 32.7 49.1





#3

2-Fluorophenol

Concen: 1.01 ng

RT: 5.06 min Scan# 229

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

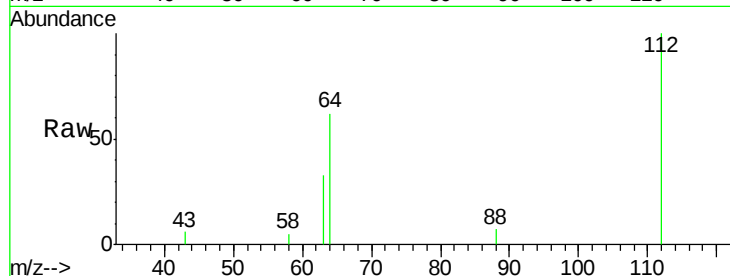
Tot Ion:112 Resp: 2621

Ion Ratio Lower Upper

112 100

64 61.6 49.3 73.9

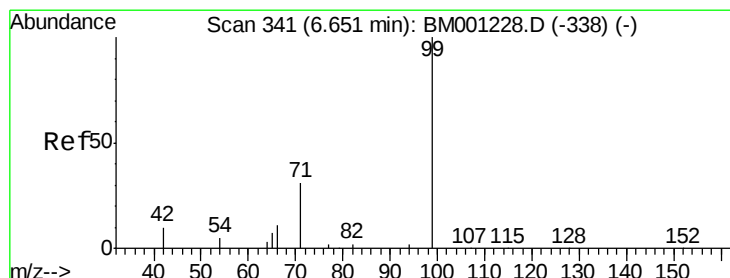
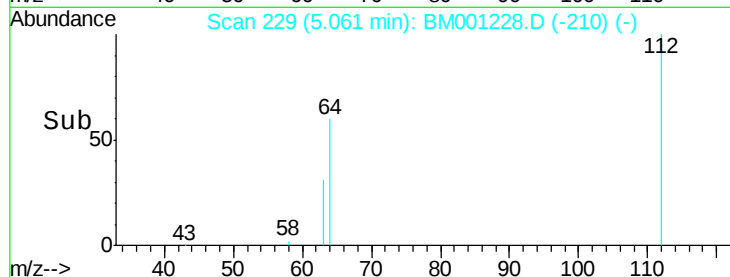
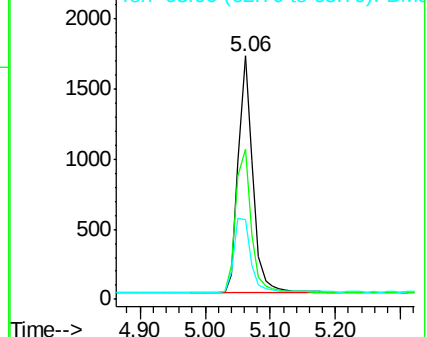
63 32.8 26.2 39.4



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



#4

Phenol-d6

Concen: 1.03 ng

RT: 6.65 min Scan# 341

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

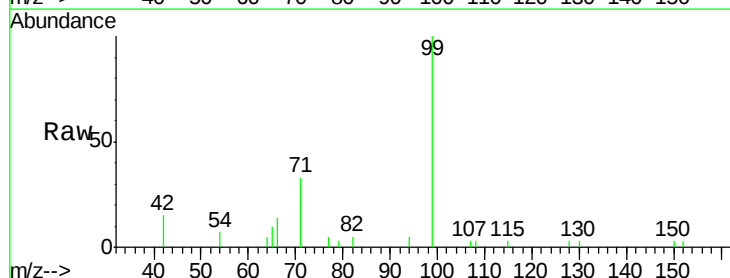
Tgt Ion: 99 Resp: 3602

Ion Ratio Lower Upper

99 100

42 15.1 12.1 18.1

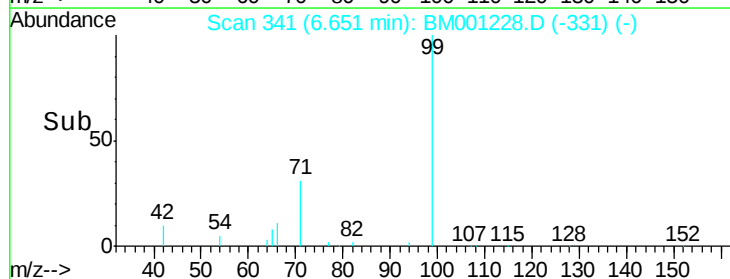
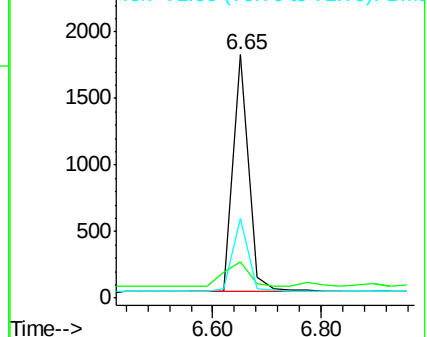
71 33.0 26.4 39.6

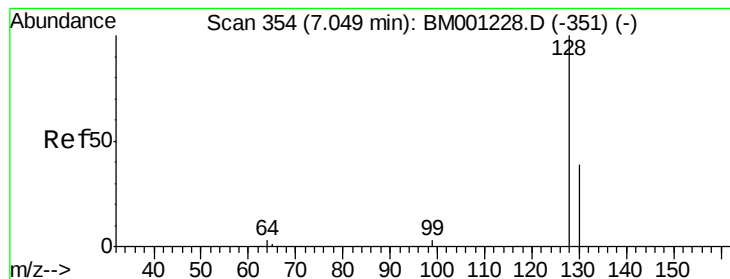


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0

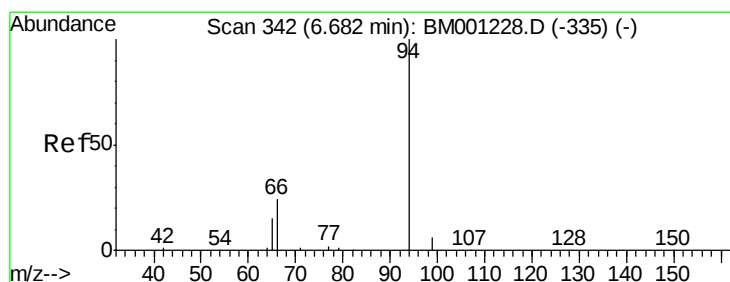
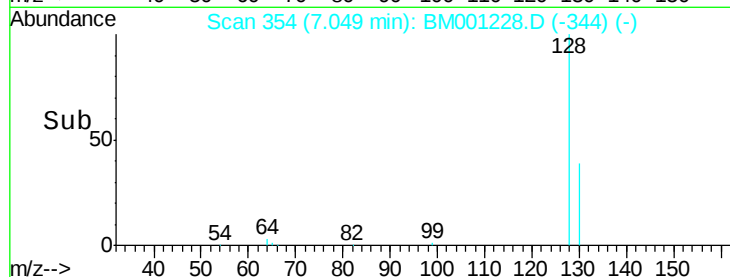
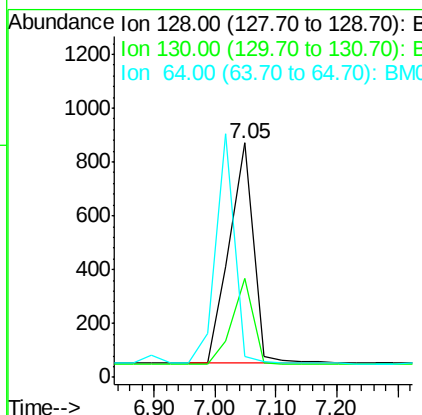
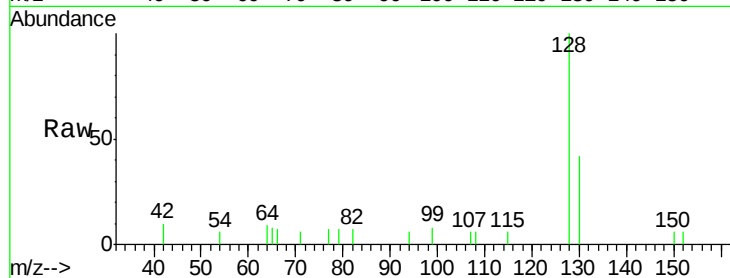




#5
 2-Chlorophenol
 Concen: 0.99 ng
 RT: 7.05 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

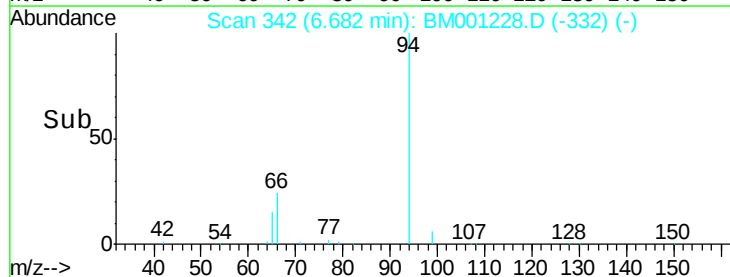
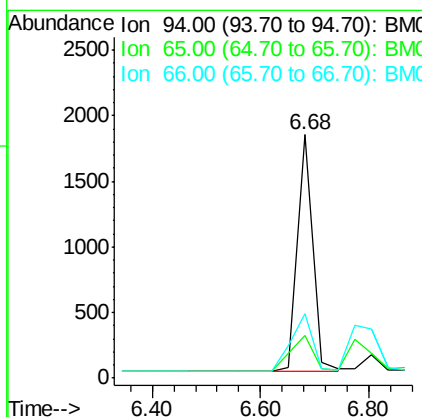
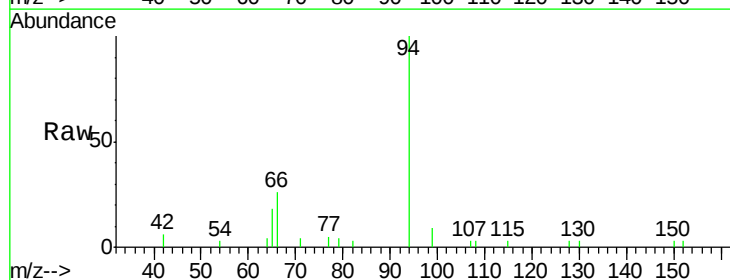
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

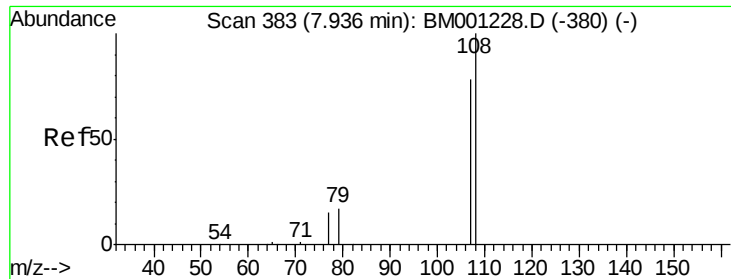
Tot Ion:128	Resp: 2248
Ion Ratio	Lower Upper
128 100	
130 42.2	22.2 62.2
64 8.7	0.0 28.7



#6
 Phenol
 Concen: 1.01 ng
 RT: 6.68 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

Tgt	Ion: 94	Resp:	3569
Ion	Ratio	Lower	Upper
94	100		
65	17.7	0.0	37.7
66	26.3	6.3	46.3





#7

2-Methylphenol

Concen: 1.01 ng

RT: 7.94 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tot Ion:107 Resp: 1879

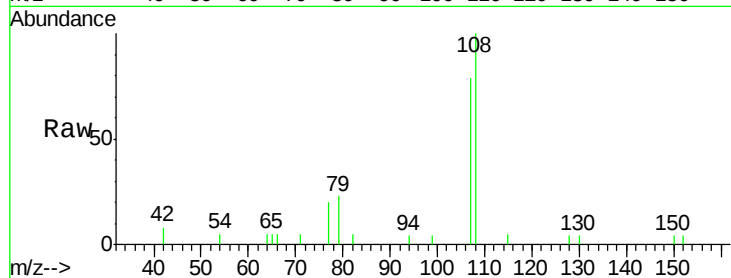
Ion Ratio Lower Upper

107 100

108 126.1 100.9 151.3

77 25.4 20.3 30.5

79 28.5 22.8 34.2

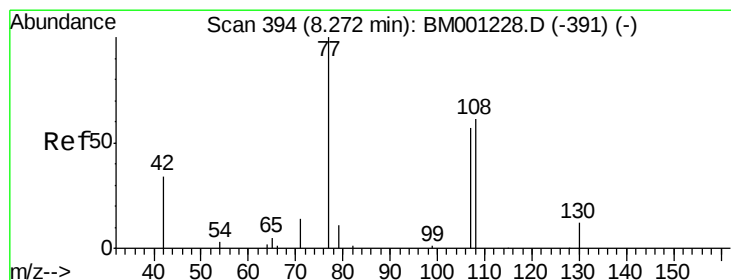
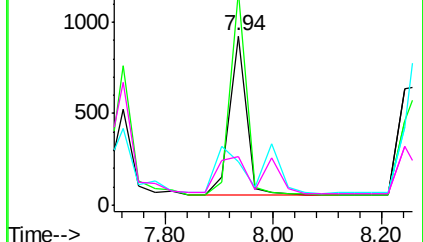
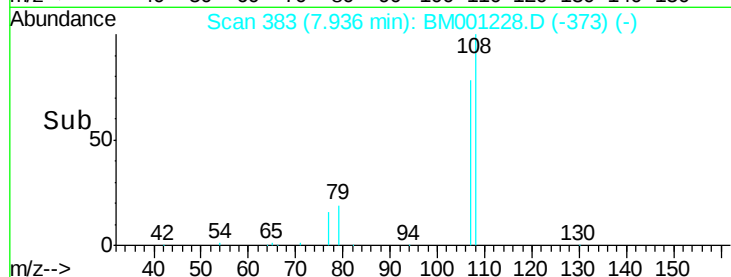


Abundance Ion 107.00 (106.70 to 107.70): E

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: 1.02 ng

RT: 8.27 min Scan# 394

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Tgt Ion:107 Resp: 2463

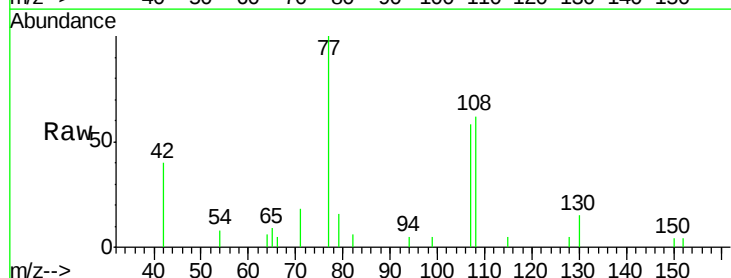
Ion Ratio Lower Upper

107 100

108 106.3 86.3 126.3

77 171.7 151.7 191.7

79 27.4 7.4 47.4

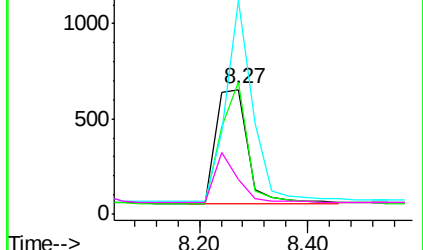
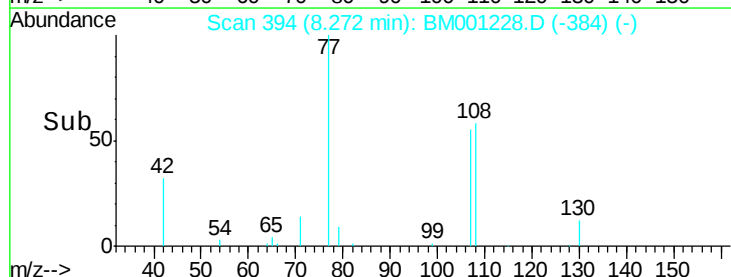


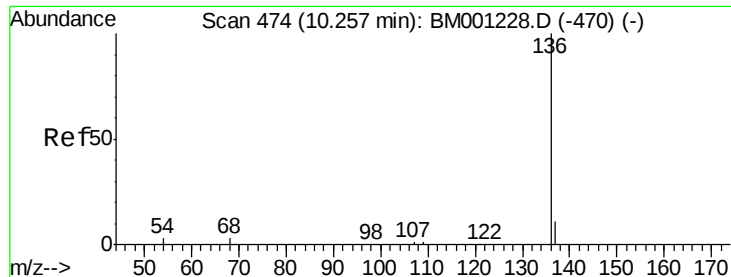
Abundance Ion 107.00 (106.70 to 107.70): E

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

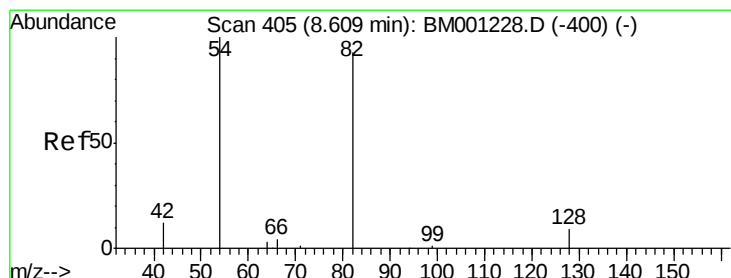
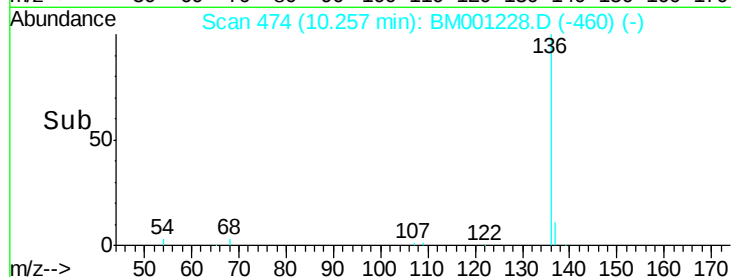
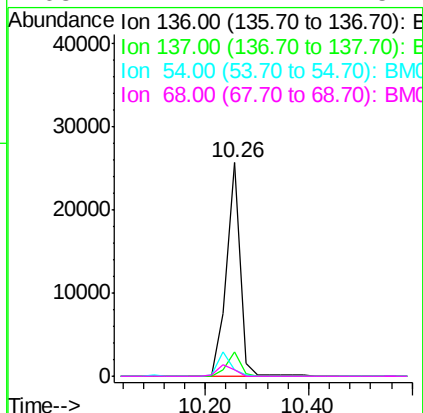
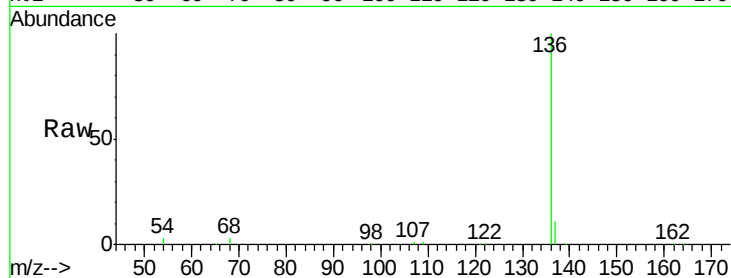




#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. 0.00 min
Lab File: BM001228.D
Acq: 06 May 2015 21:53

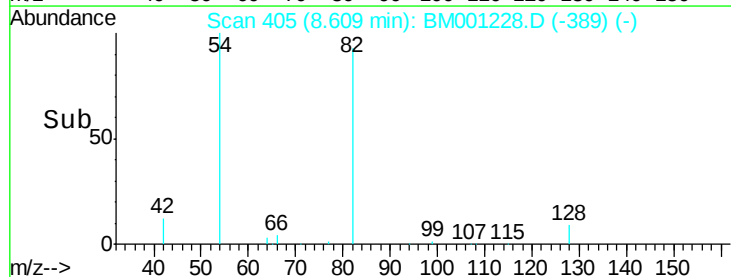
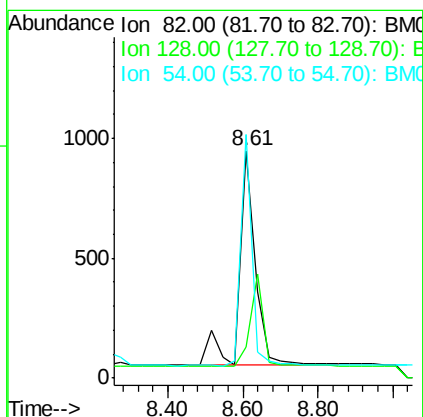
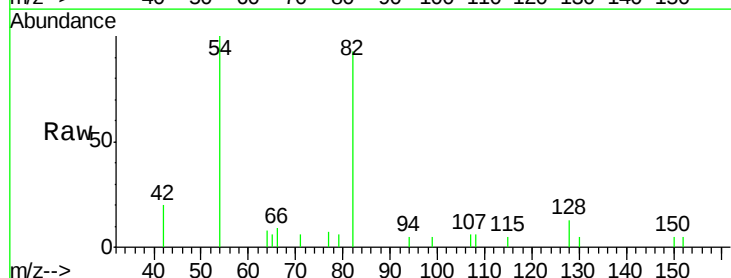
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

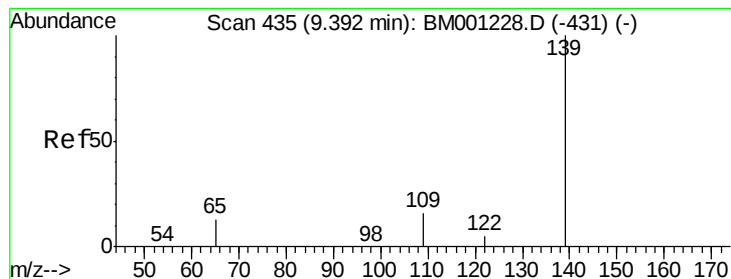
Tot Ion:136	Resp:	46857
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.1	13.7
54 3.2	2.6	3.8
68 2.7	2.2	3.2



#10
Nitrobenzene-d5
Concen: 1.01 ng
RT: 8.61 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM001228.D
Acq: 06 May 2015 21:53

Tgt	Ion: 82	Resp:	2687
Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	73.8	59.0	88.6





#11

2-Nitrophenol

Concen: 0.99 ng

RT: 9.39 min Scan# 435

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

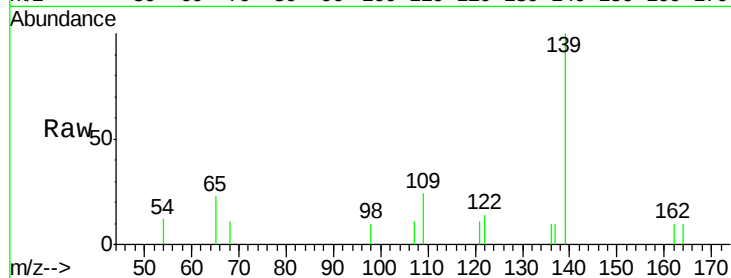
Tot Ion:139 Resp: 1037

Ion Ratio Lower Upper

139 100

109 24.4 19.5 29.3

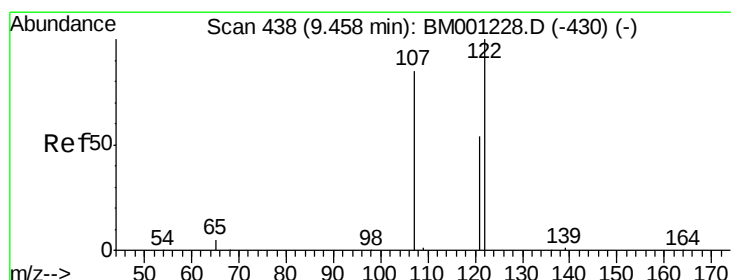
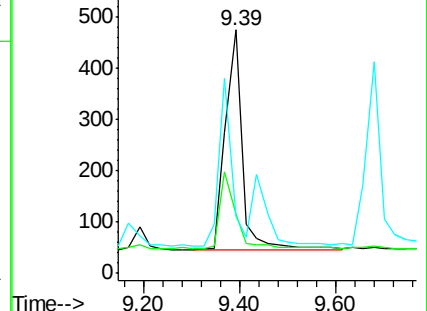
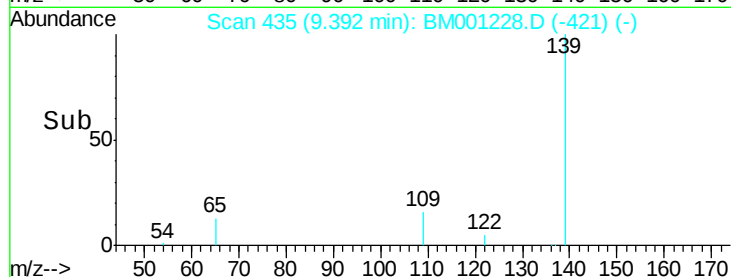
65 23.3 18.6 28.0



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): BM



#12

2,4-Dimethylphenol

Concen: 1.01 ng

RT: 9.46 min Scan# 438

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

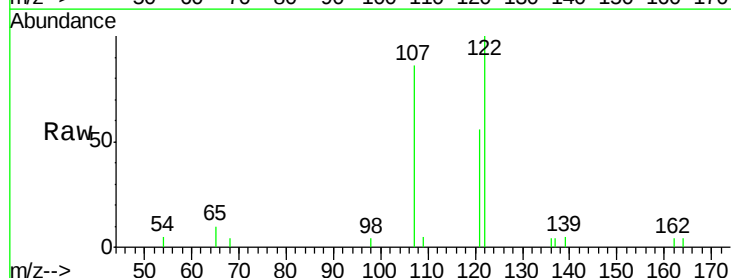
Tgt Ion:122 Resp: 2281

Ion Ratio Lower Upper

122 100

107 85.7 68.6 102.8

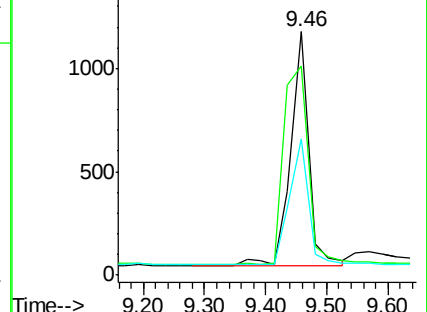
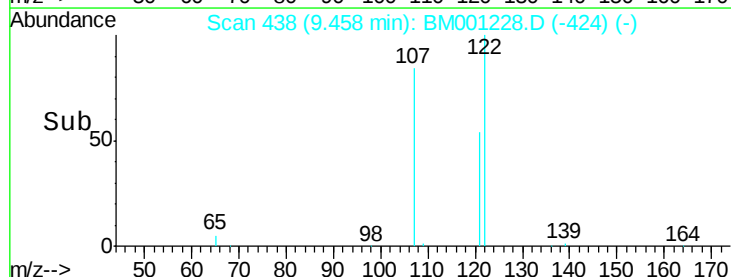
121 56.0 44.8 67.2

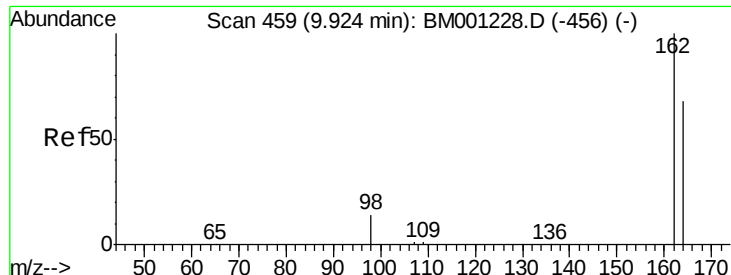


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

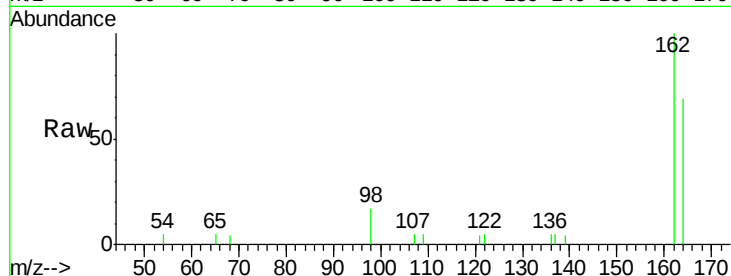




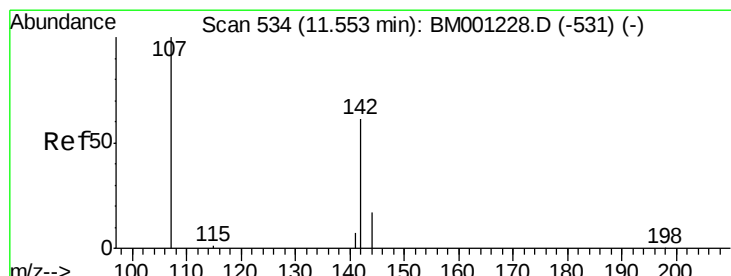
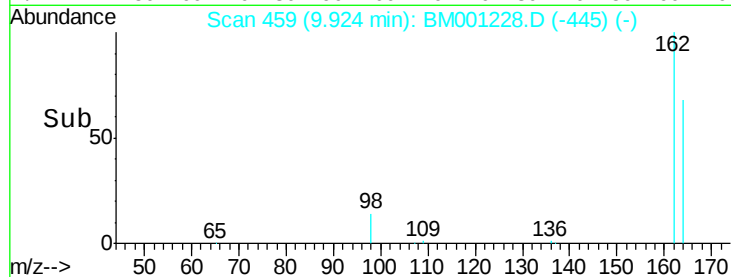
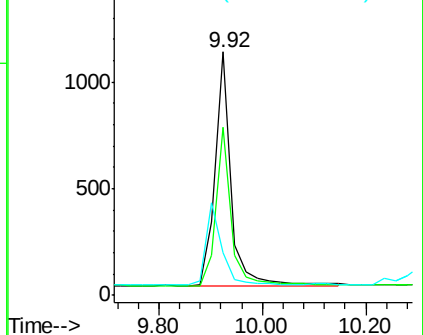
#13
 2,4-Dichlorophenol
 Concen: 1.01 ng
 RT: 9.92 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

Tot Ion:	162	Resp:	2335
Ion	Ratio	Lower	Upper
162	100		
164	69.2	49.2	89.2
98	17.4	0.0	37.4

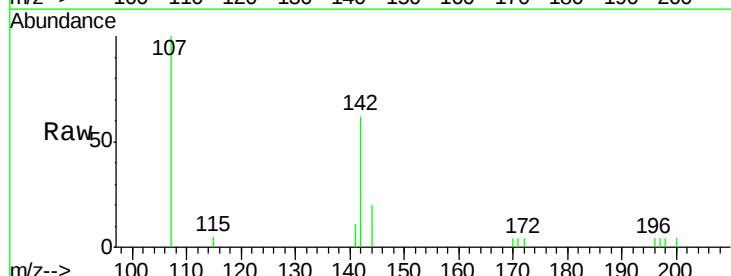


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

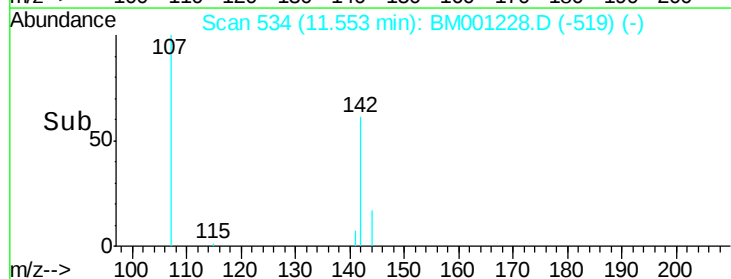
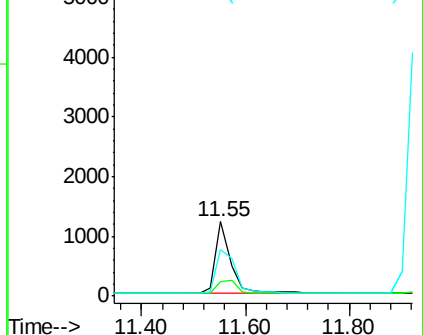


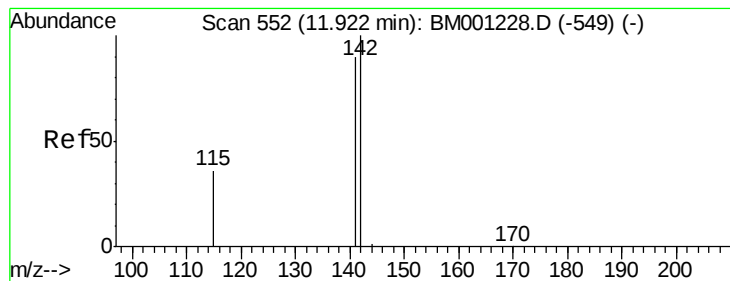
#14
 4-Chloro-3-methylphenol
 Concen: 1.00 ng
 RT: 11.55 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

Tgt Ion:	107	Resp:	2390
Ion	Ratio	Lower	Upper
107	100		
144	20.2	16.2	24.2
142	62.2	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: 1.03 ng

RT: 11.92 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

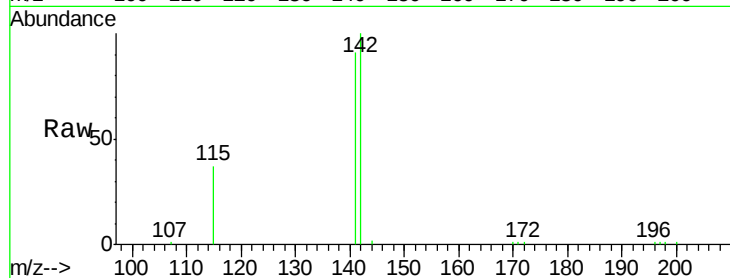
Tot Ion:142 Resp: 6902

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.0

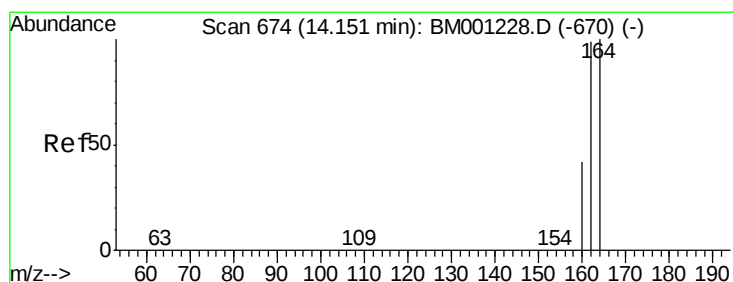
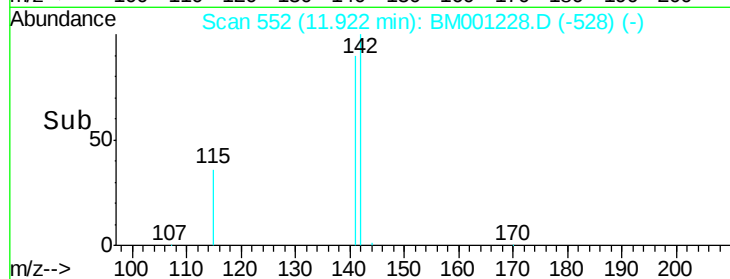
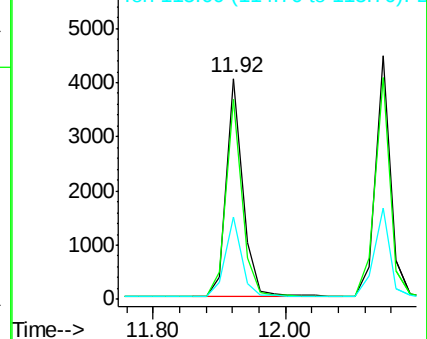
115 36.6 29.3 43.9



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: BM001228.D

Acq: 06 May 2015 21:53

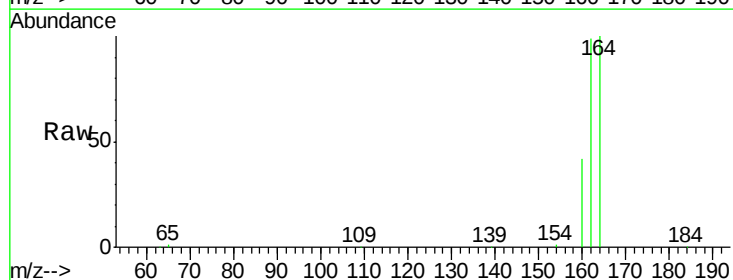
Tgt Ion:164 Resp: 24831

Ion Ratio Lower Upper

164 100

162 99.0 79.2 118.8

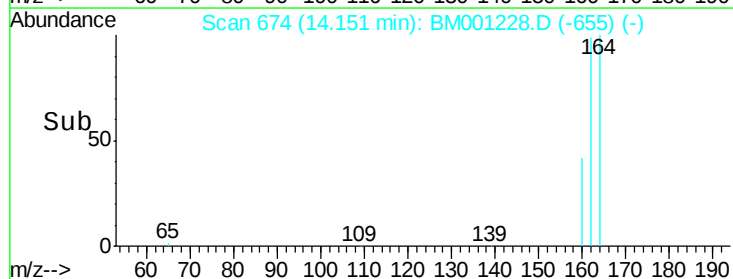
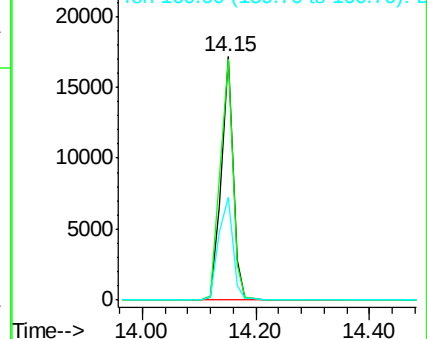
160 42.1 33.7 50.5

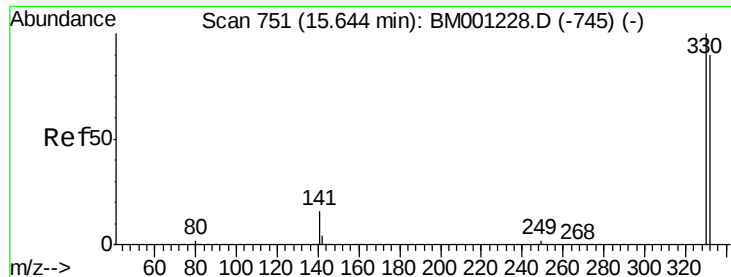


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

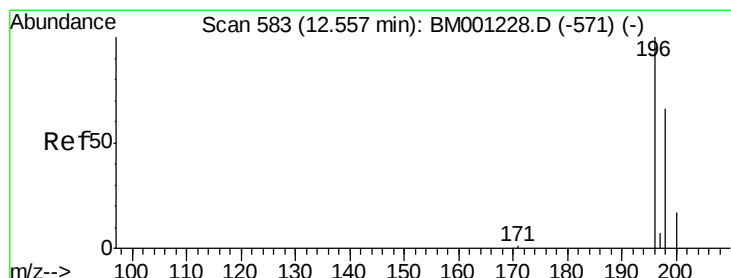
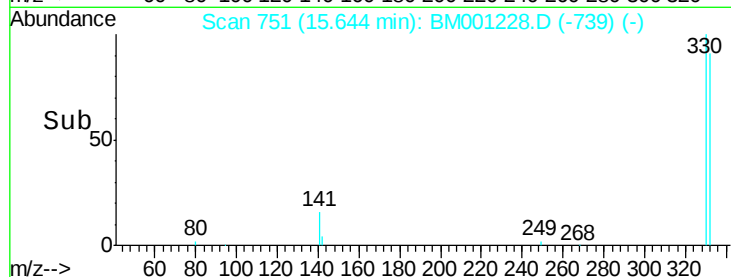
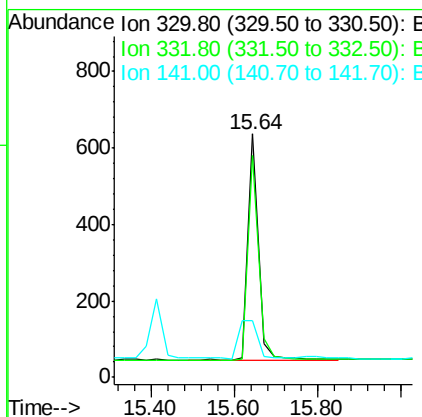
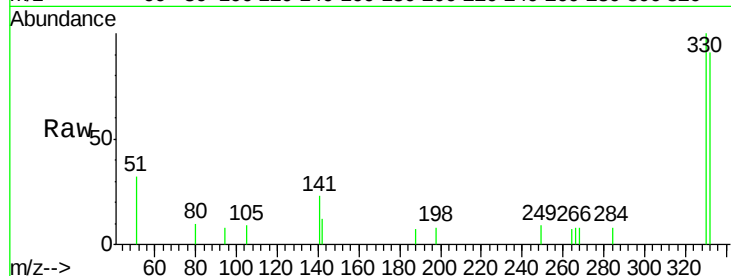




#17
 2,4,6-Tribromophenol
 Concen: 0.99 ng
 RT: 15.64 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

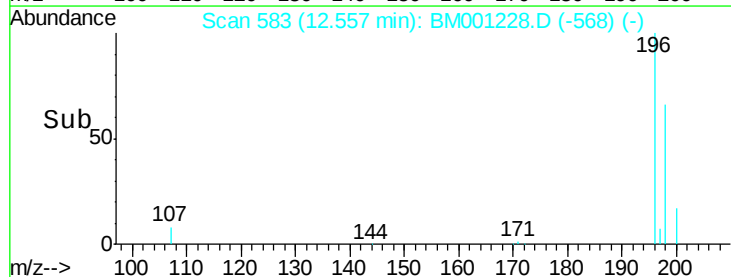
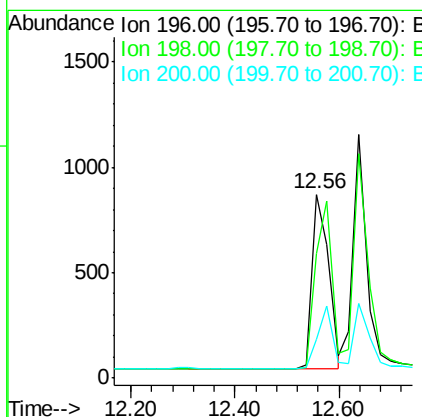
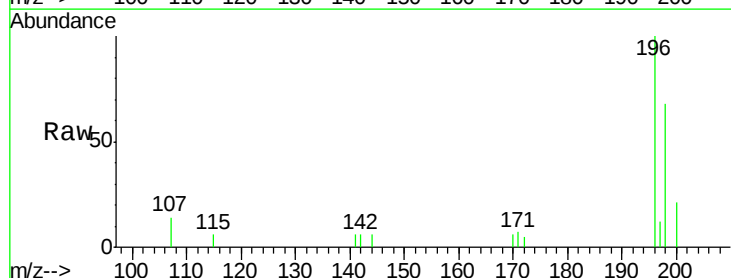
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

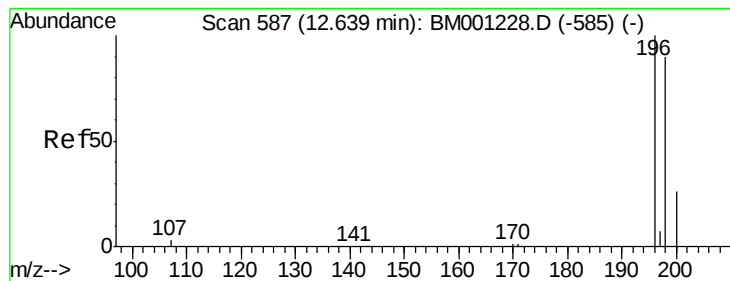
Tot Ion:330 Resp: 1022
 Ion Ratio Lower Upper
 330 100
 332 92.5 74.0 111.0
 141 30.1 24.1 36.1



#18
 2,4,6-Trichlorophenol
 Concen: 1.00 ng
 RT: 12.56 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

Tgt Ion:196 Resp: 1822
 Ion Ratio Lower Upper
 196 100
 198 67.7 54.2 81.2
 200 21.4 17.1 25.7





#19

2,4,5-Trichlorophenol

Concen: 1.01 ng

RT: 12.64 min Scan# 587

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tot Ion:196 Resp: 2070

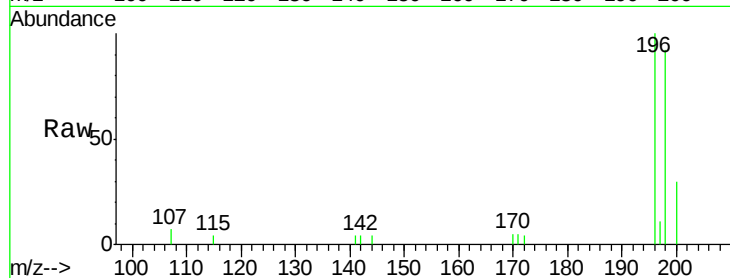
Ion Ratio Lower Upper

196 100

198 92.0 73.6 110.4

97 0.0 0.0 0.0

132 0.0 0.0 0.0

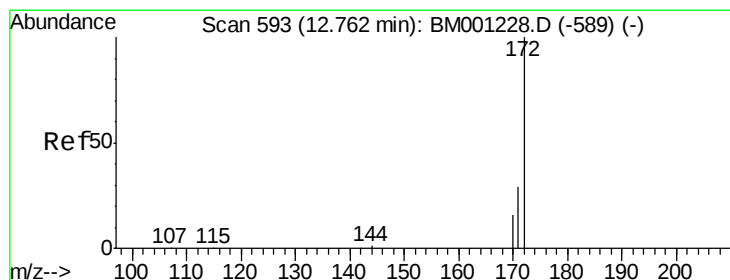
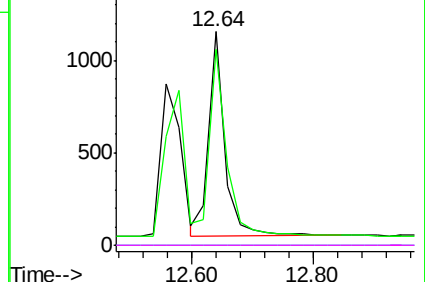
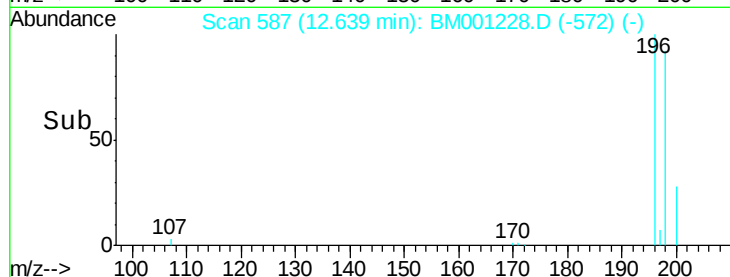


Abundance Ion 196.00 (195.70 to 196.70): E

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: 1.03 ng

RT: 12.76 min Scan# 593

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

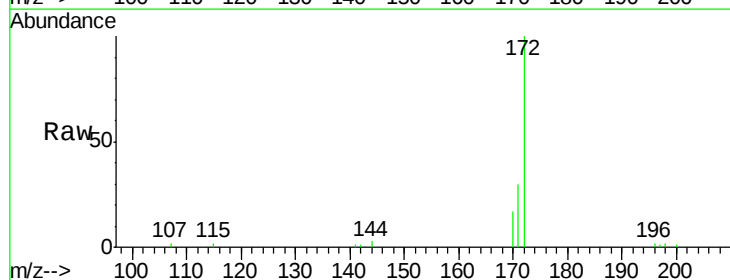
Tgt Ion:172 Resp: 7968

Ion Ratio Lower Upper

172 100

171 0.0 0.0 0.0

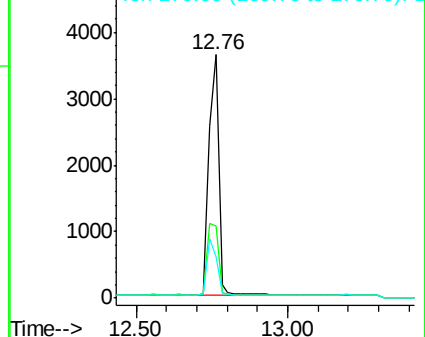
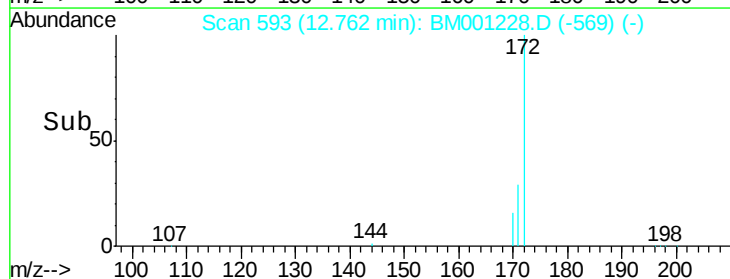
170 0.0 0.0 0.0

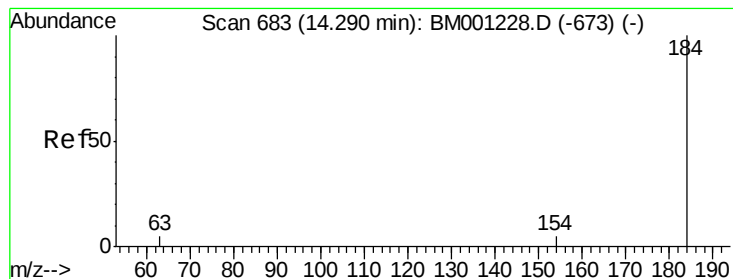


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#21

2,4-Dinitrophenol

Concen: 0.83 ng

RT: 14.29 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

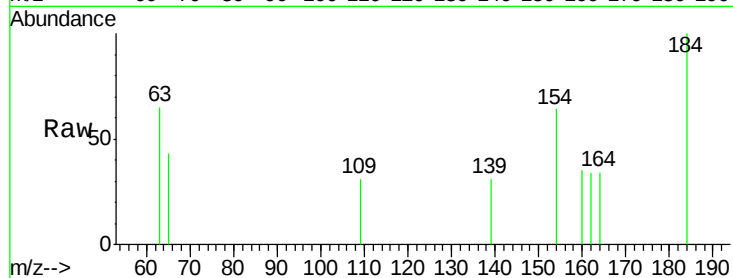
Tot Ion:184 Resp: 272

Ion Ratio Lower Upper

184 100

63 65.0 52.0 78.0

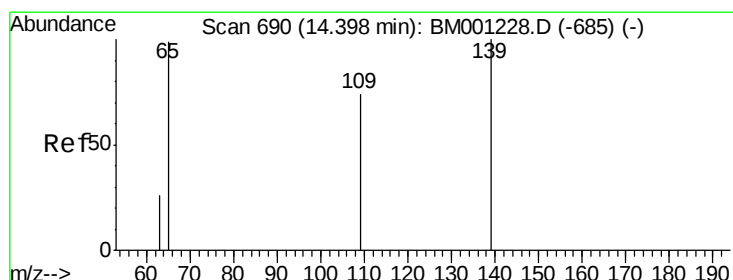
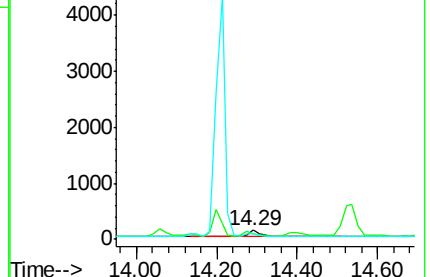
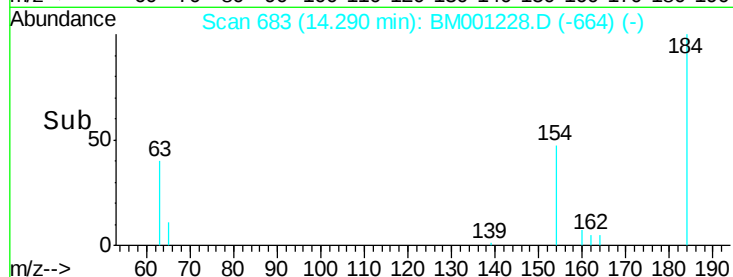
154 64.3 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#22

4-Nitrophenol

Concen: 0.48 ng

RT: 14.40 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

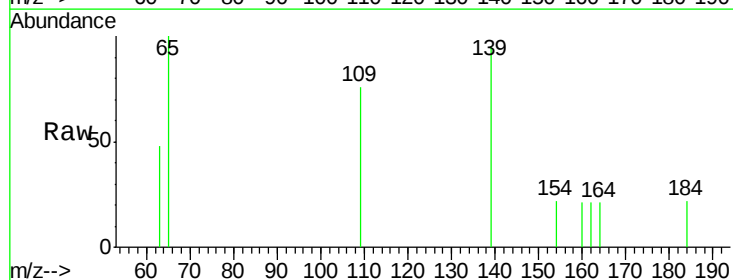
Tgt Ion:139 Resp: 509

Ion Ratio Lower Upper

139 100

109 80.0 60.0 100.0

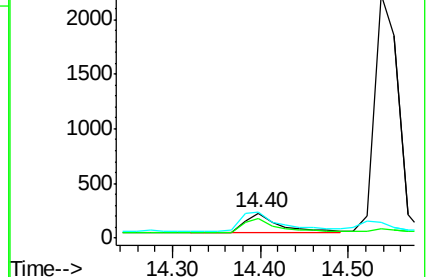
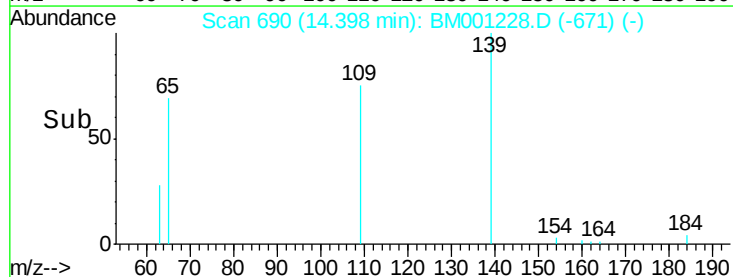
65 105.7 85.7 125.7

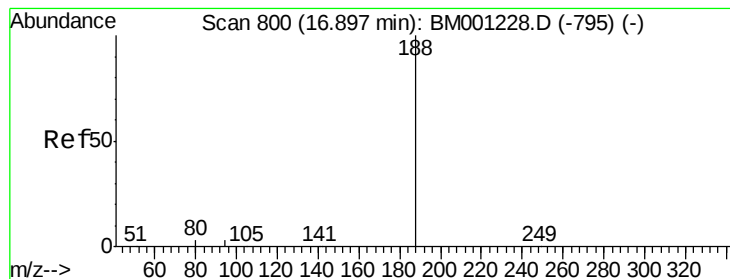


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#23

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.90 min Scan# 800

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

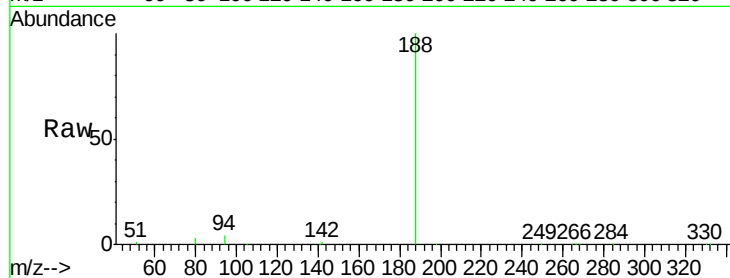
Tot Ion:188 Resp: 44214

Ion Ratio Lower Upper

188 100

94 3.6 2.9 4.3

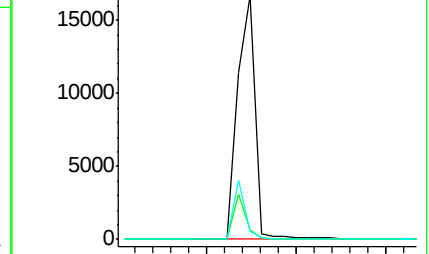
80 3.1 2.5 3.7



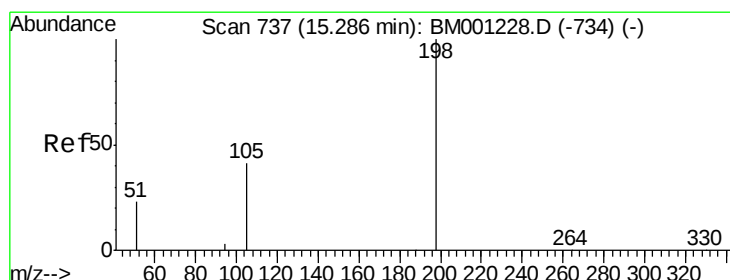
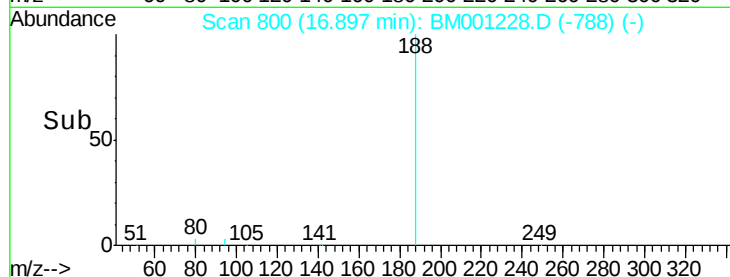
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#24

4,6-Dinitro-2-methylphenol

Concen: 0.88 ng

RT: 15.29 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

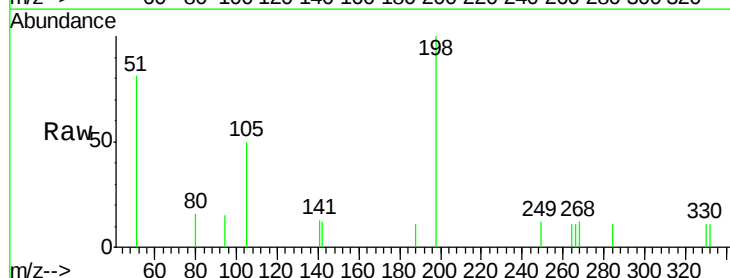
Tgt Ion:198 Resp: 683

Ion Ratio Lower Upper

198 100

51 80.8 60.8 100.8

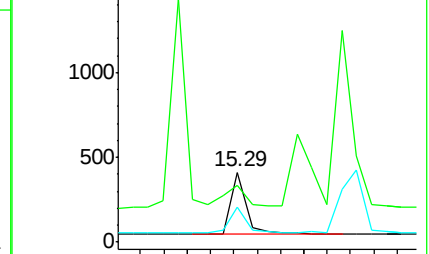
105 50.0 30.0 70.0



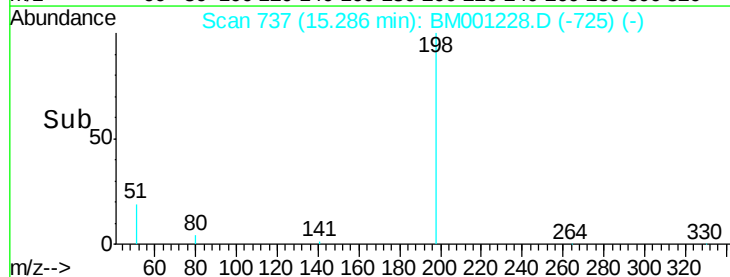
Abundance Ion 198.00 (197.70 to 198.70): E

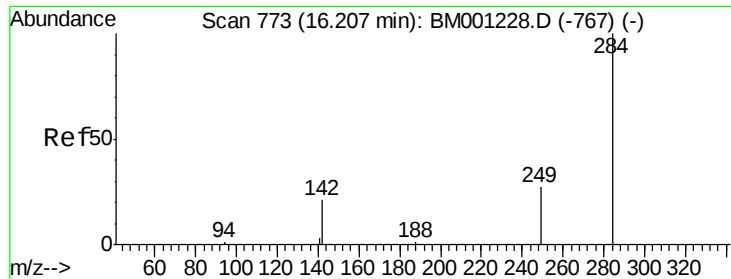
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time-->





#25

Hexachlorobenzene

Concen: 1.05 ng

RT: 16.21 min Scan# 773

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

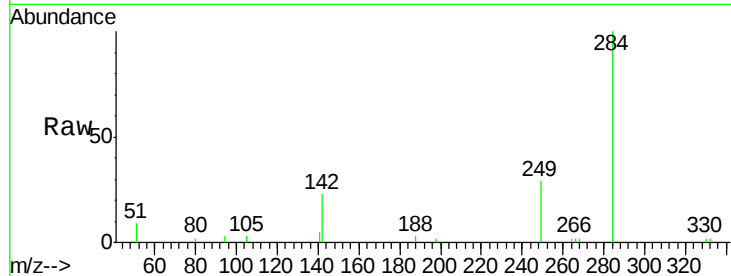
Tot Ion:284 Resp: 3420

Ion Ratio Lower Upper

284 100

142 29.1 23.3 34.9

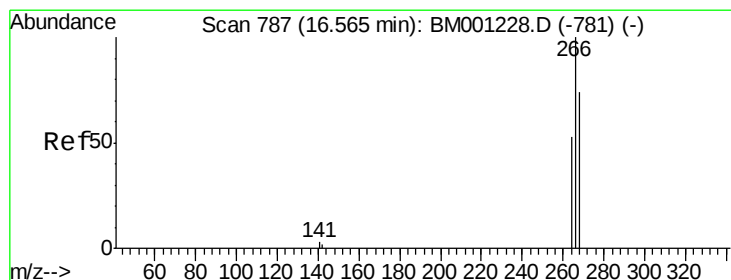
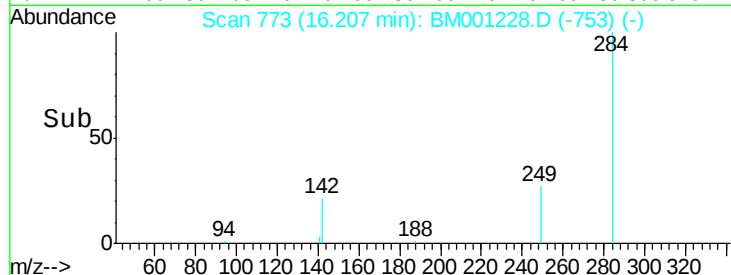
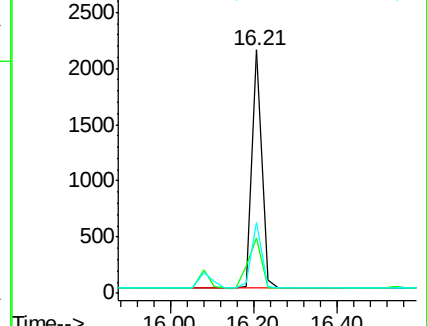
249 29.1 23.3 34.9



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



#26

Pentachlorophenol

Concen: 0.96 ng

RT: 16.56 min Scan# 787

Delta R.T. 0.00 min

Lab File: BM001228.D

Acq: 06 May 2015 21:53

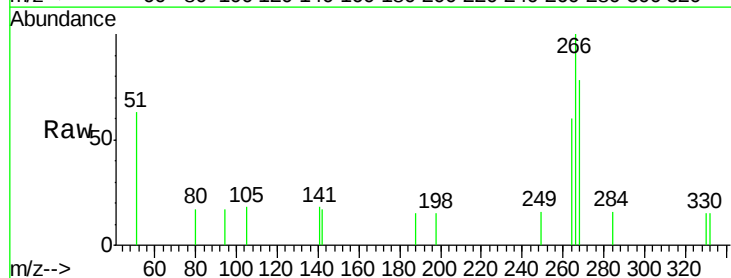
Tgt Ion:266 Resp: 692

Ion Ratio Lower Upper

266 100

268 78.3 62.6 94.0

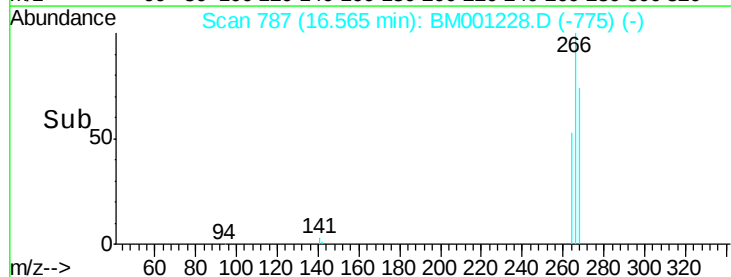
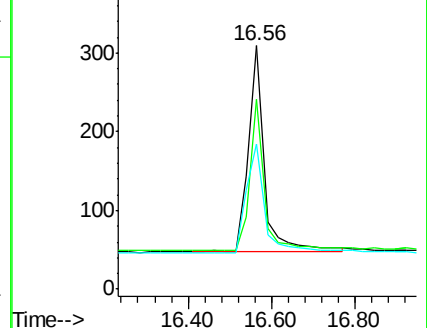
264 59.9 47.9 71.9

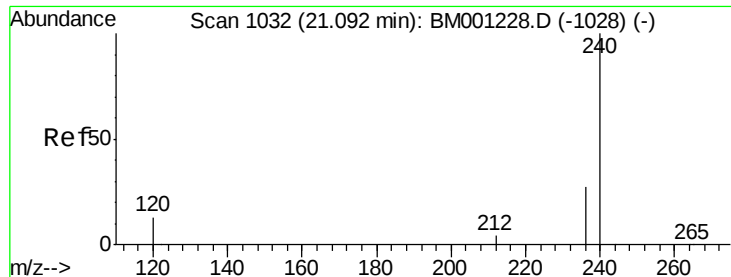


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

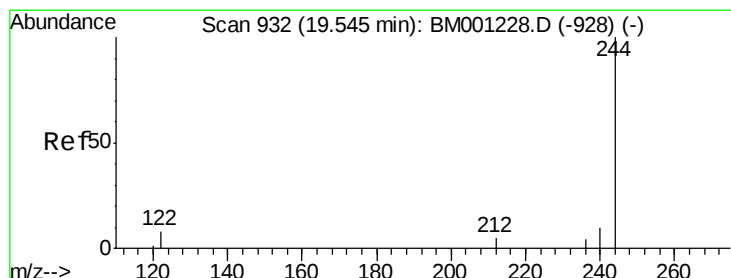
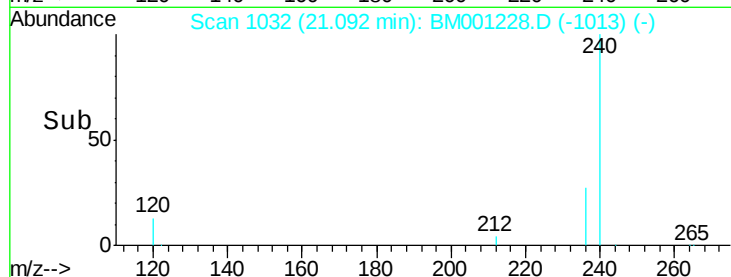
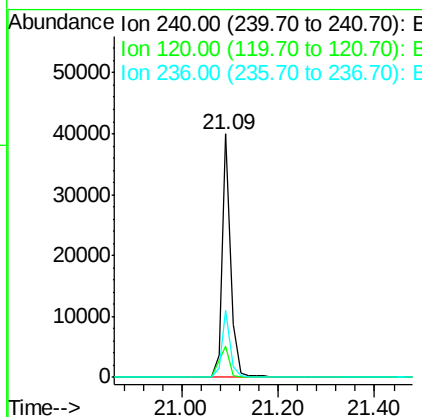
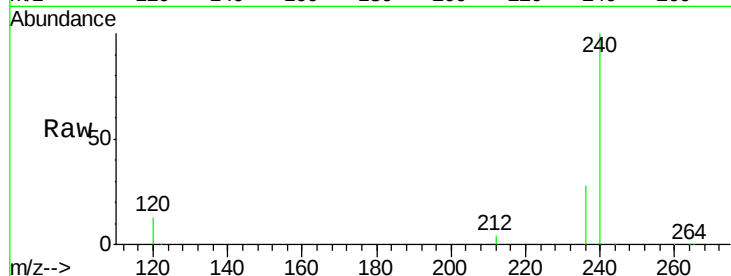




#27
 Chrvsene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

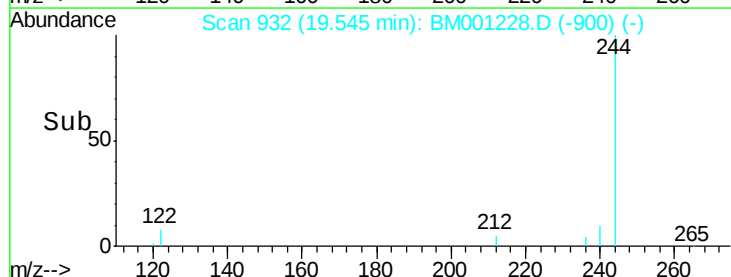
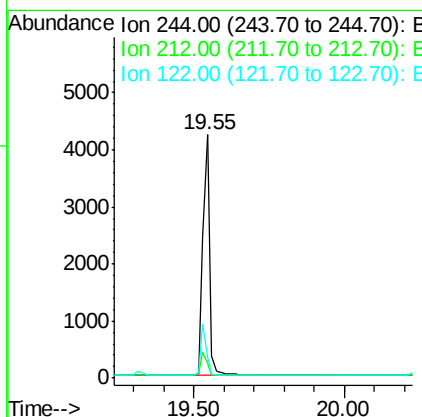
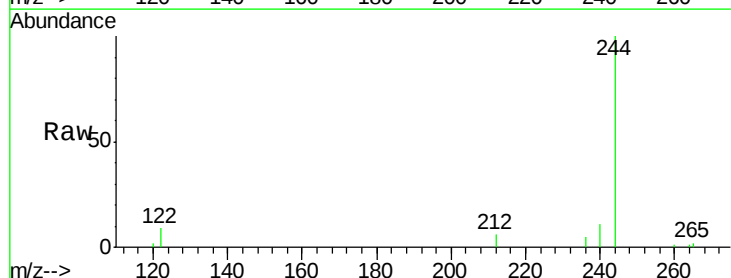
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

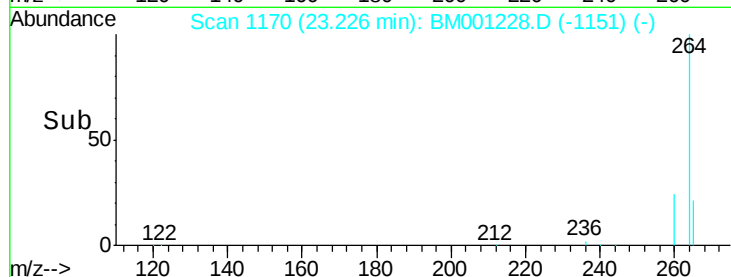
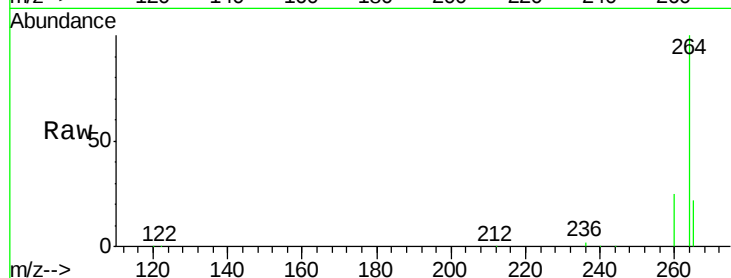
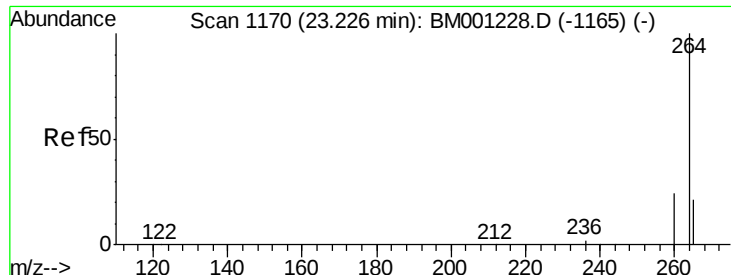
Tot Ion:240 Resp: 50117
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.4 15.6
 236 27.5 22.0 33.0



#28
 Terphenyl-d14
 Concen: 0.01 ng
 RT: 19.55 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BM001228.D
 Acq: 06 May 2015 21:53

Tgt Ion:244 Resp: 6769
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.3 10.9
 122 18.5 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: BM001228.D

Acq: 06 May 2015 21:53

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tot Ion:264 Resp: 45801

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.8 17.4 26.2

