

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
 Data File : BM001230.D
 Acq On : 06 May 2015 23:04
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: May 07 06:40:09 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	15619	5.00	ng	0.00
9) Naphthalene-d8	10.26	136	46262	5.00	ng	0.00
16) Acenaphthene-d10	14.15	164	24165	5.00	ng	0.00
23) Phenanthrene-d10	16.90	188	44533	5.00	ng	0.00
27) Chrysene-d12	21.09	240	50149	5.00	ng	0.00
29) Perylene-d12	23.23	264	45469	5.00	ng	0.00

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	1300	0.51	ng	0.00
4) Phenol-d6	6.65	99	1659	0.48	ng	0.00
10) Nitrobenzene-d5	8.61	82	1290	0.49	ng	0.00
17) 2,4,6-Tribromophenol	15.64	330	446	0.44	ng	0.00
20) 2-Fluorobiphenyl	12.76	172	3828	0.51	ng	0.00
28) Terphenyl-d14	19.55	244	3205	0.00	ng	0.00

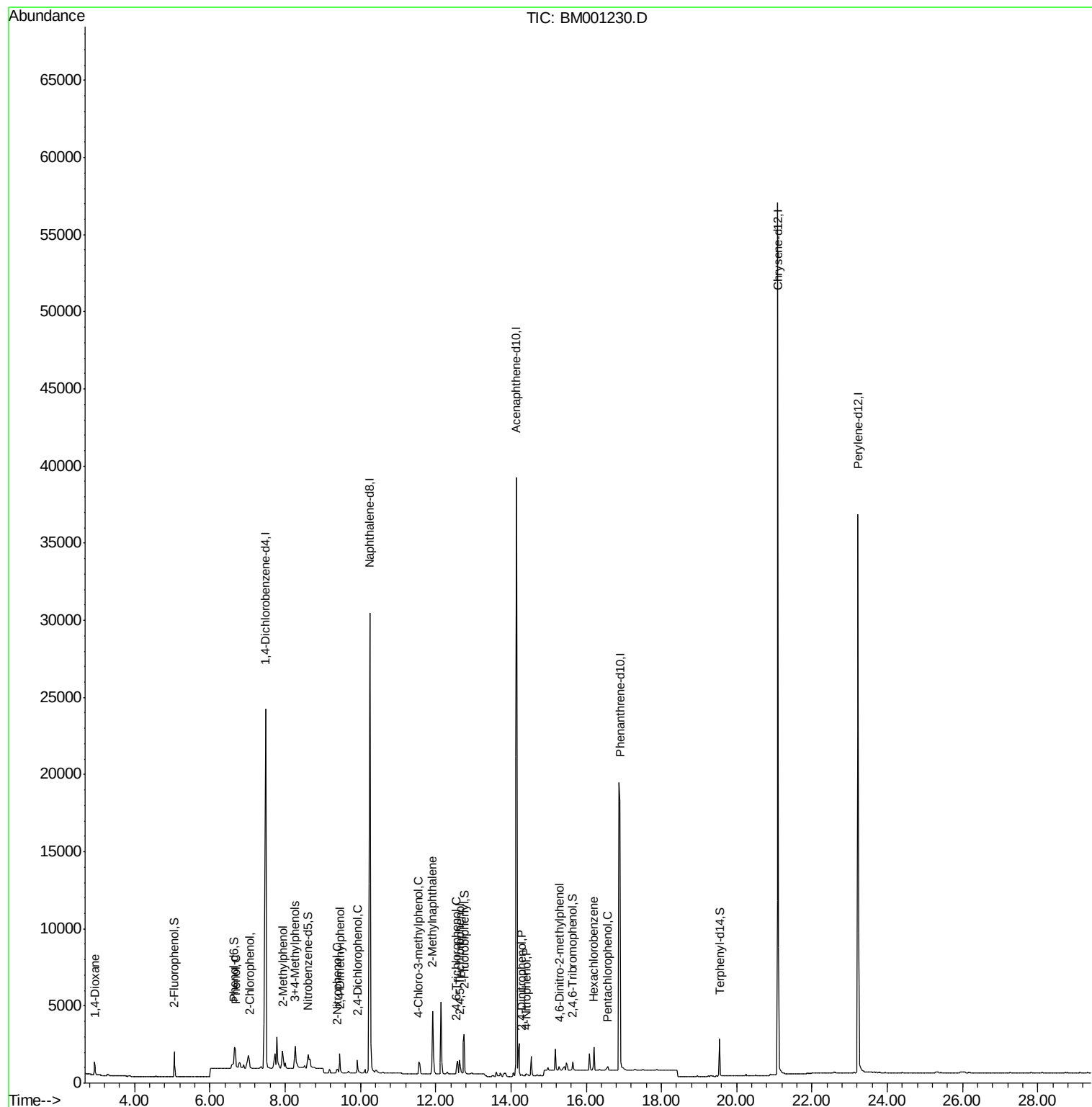
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	480	0.47	ng	95
5) 2-Chlorophenol	7.05	128	1083	0.49	ng	94
6) Phenol	6.68	94	1641	0.47	ng	91
7) 2-Methylphenol	7.94	107	894	0.49	ng	# 92
8) 3+4-Methylphenols	8.27	107	1064	0.45	ng	# 81
11) 2-Nitrophenol	9.39	139	462	0.45	ng	# 78
12) 2,4-Dimethylphenol	9.46	122	1033	0.46	ng	92
13) 2,4-Dichlorophenol	9.92	162	1061	0.47	ng	94
14) 4-Chloro-3-methylphenol	11.55	107	1074	0.45	ng	98
15) 2-Methylnaphthalene	11.92	142	3272	0.50	ng	100
18) 2,4,6-Trichlorophenol	12.56	196	809	0.46	ng	# 97
19) 2,4,5-Trichlorophenol	12.64	196	927	0.46	ng	93
21) 2,4-Dinitrophenol	14.29	184	99	0.31	ng	# 54
22) 4-Nitrophenol	14.41	139	158	0.15	ng	91
24) 4,6-Dinitro-2-methylphenol	15.29	198	268	0.34	ng	# 67
25) Hexachlorobenzene	16.21	284	1611	0.49	ng	99
26) Pentachlorophenol	16.56	266	267	0.37	ng	94

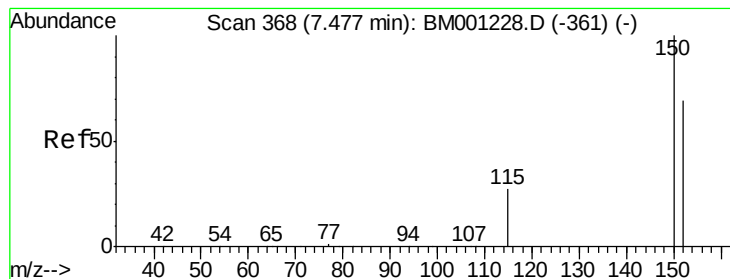
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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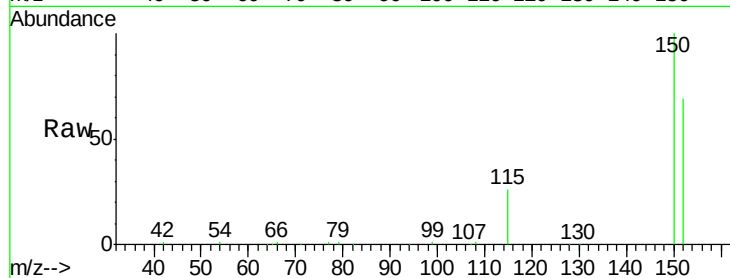


#1

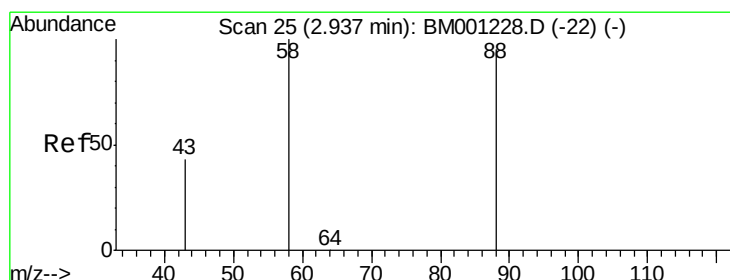
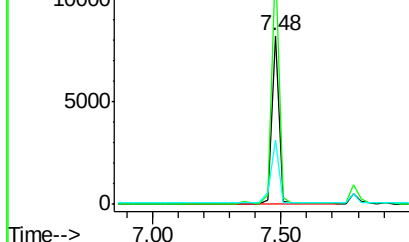
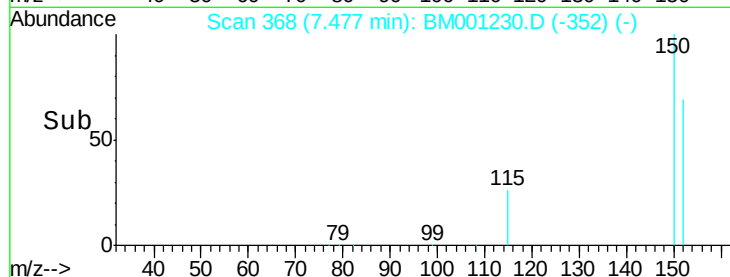
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tot Ion:152 Resp: 15619
Ion Ratio Lower Upper
152 100
150 144.3 116.3 174.5
115 38.0 31.9 47.9



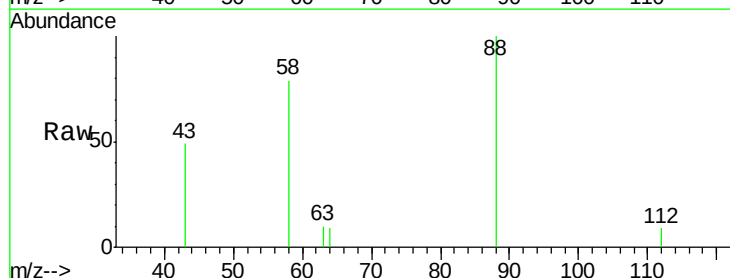
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



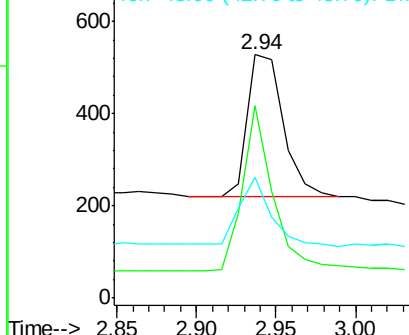
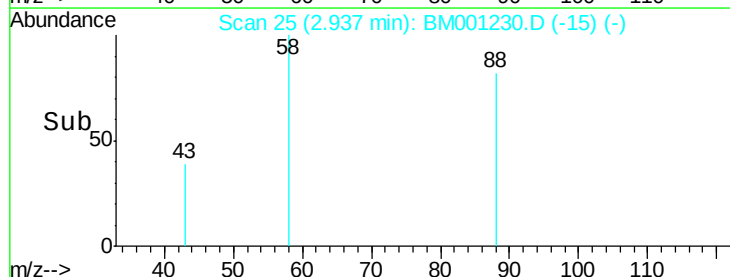
#2

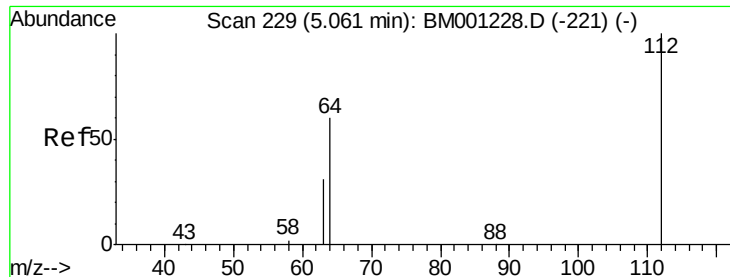
1,4-Dioxane
Concen: 0.47 ng
RT: 2.94 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion: 88 Resp: 480
Ion Ratio Lower Upper
88 100
58 100.2 75.5 113.3
43 43.5 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: 0.51 ng

RT: 5.06 min Scan# 229

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

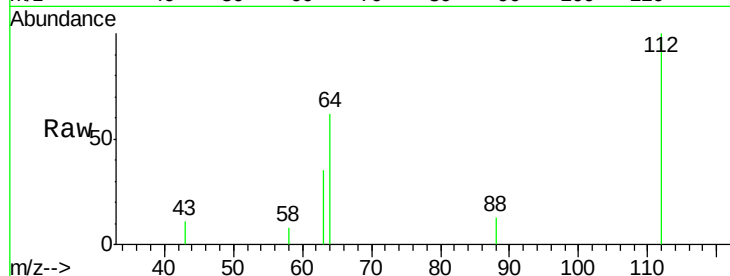
Tot Ion:112 Resp: 1300

Ion Ratio Lower Upper

112 100

64 62.4 49.3 73.9

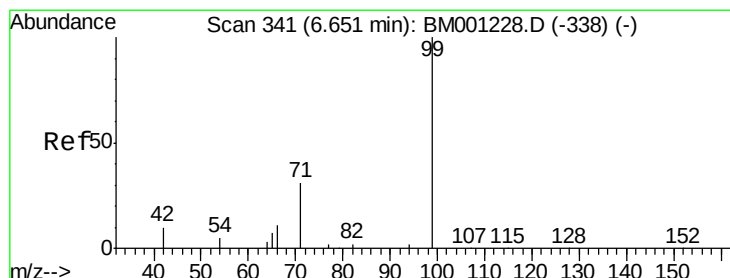
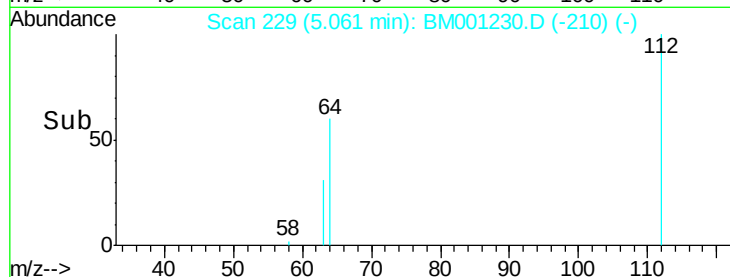
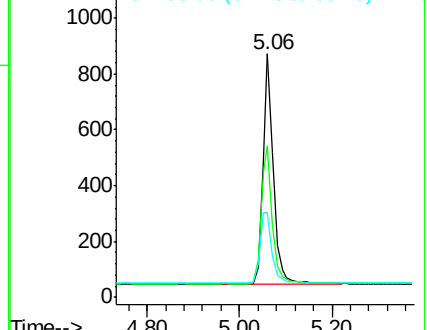
63 35.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#4

Phenol-d6

Concen: 0.48 ng

RT: 6.65 min Scan# 341

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

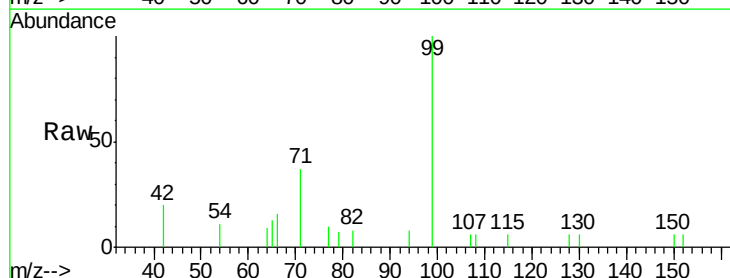
Tgt Ion: 99 Resp: 1659

Ion Ratio Lower Upper

99 100

42 20.4 12.1 18.1#

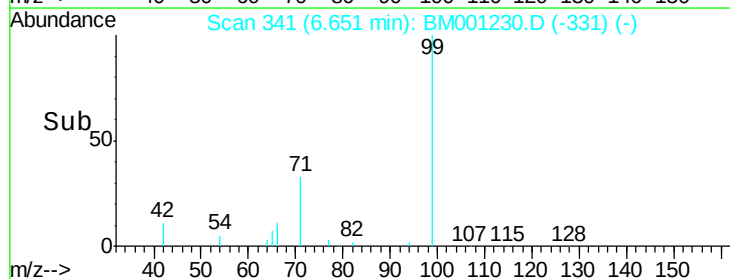
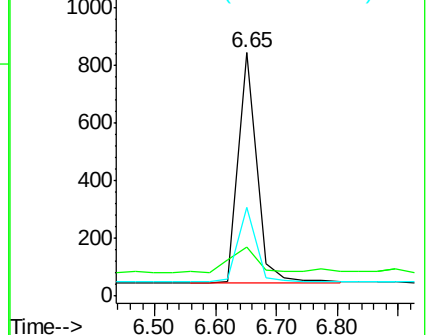
71 36.7 26.4 39.6

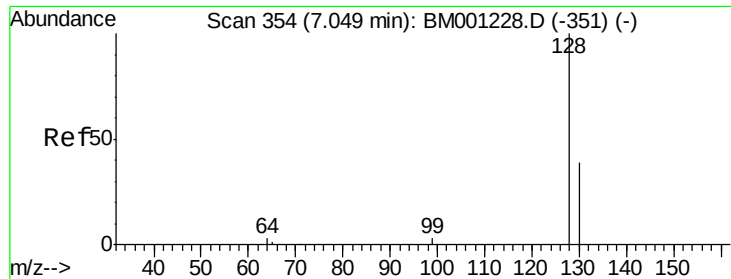


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#5

2-Chlorophenol

Concen: 0.49 ng

RT: 7.05 min Scan# 354

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

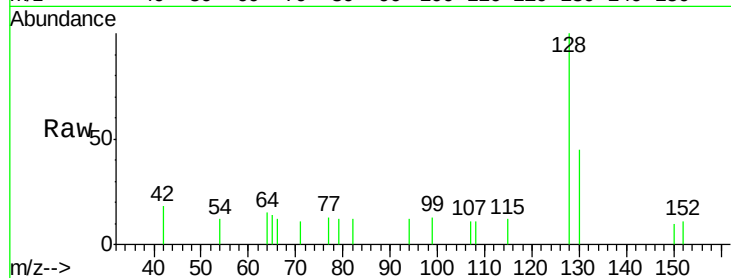
Tot Ion:128 Resp: 1083

Ion Ratio Lower Upper

128 100

130 44.6 22.2 62.2

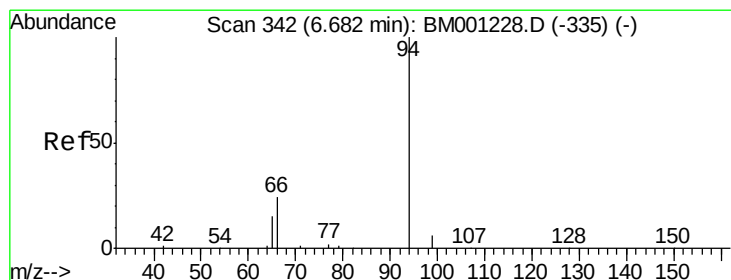
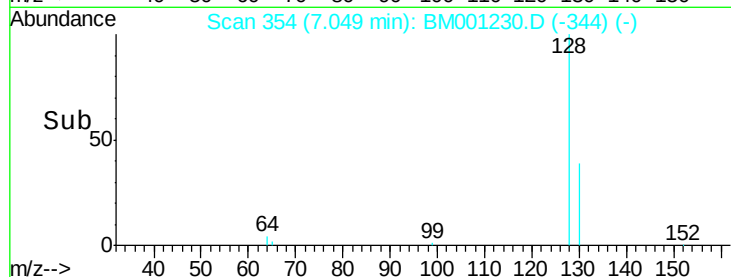
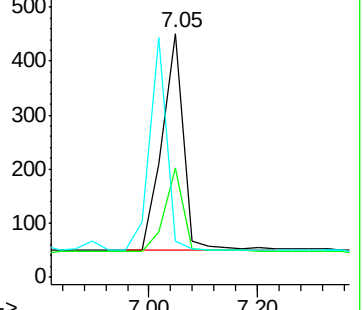
64 14.6 0.0 28.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#6

Phenol

Concen: 0.47 ng

RT: 6.68 min Scan# 342

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

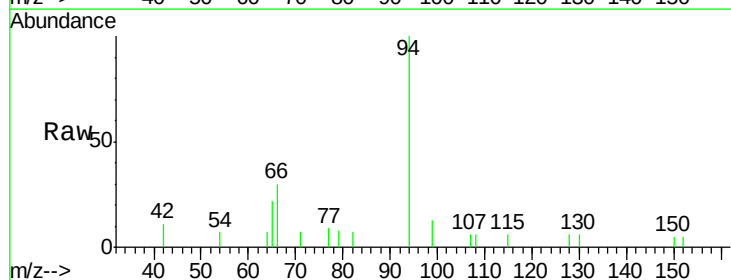
Tgt Ion: 94 Resp: 1641

Ion Ratio Lower Upper

94 100

65 22.1 0.0 37.7

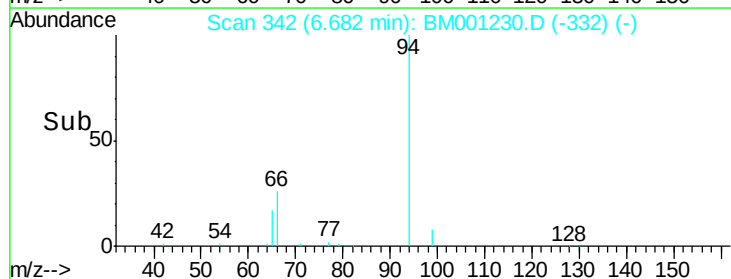
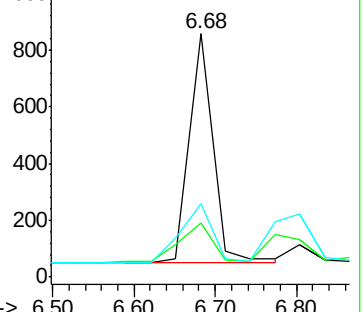
66 30.3 6.3 46.3

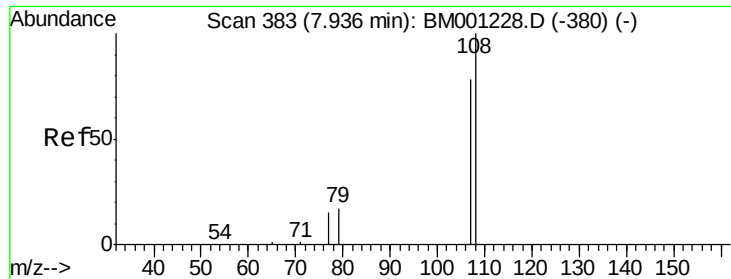


Abundance Ion 94.00 (93.70 to 94.70): BM

Ion 65.00 (64.70 to 65.70): BM

Ion 66.00 (65.70 to 66.70): BM





#7

2-Methylphenol

Concen: 0.49 ng

RT: 7.94 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

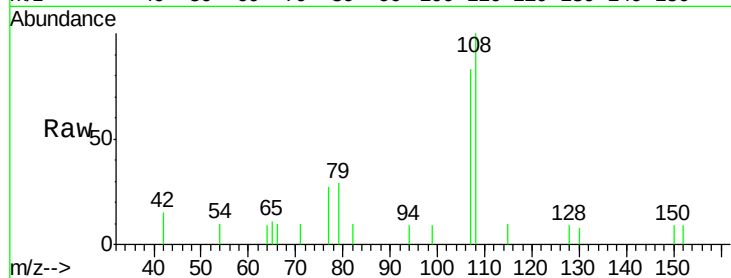
Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

Tot Ion:	107	Resp:	894
Ion	Ratio	Lower	Upper
107	100		
108	120.3	100.9	151.3
77	32.9	20.3	30.5#
79	34.8	22.8	34.2#



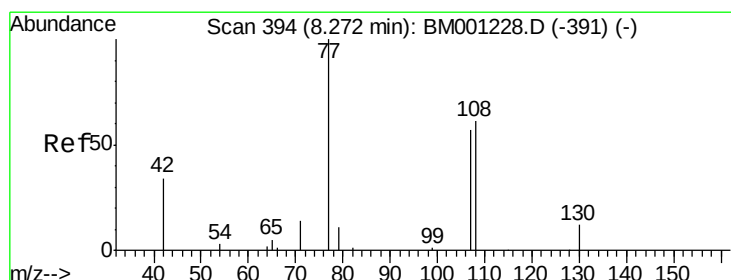
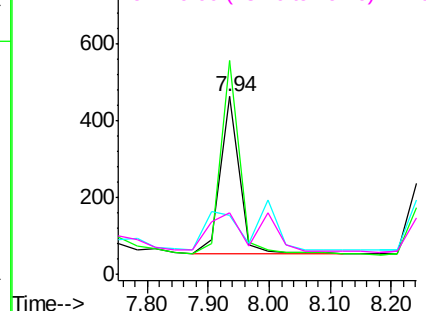
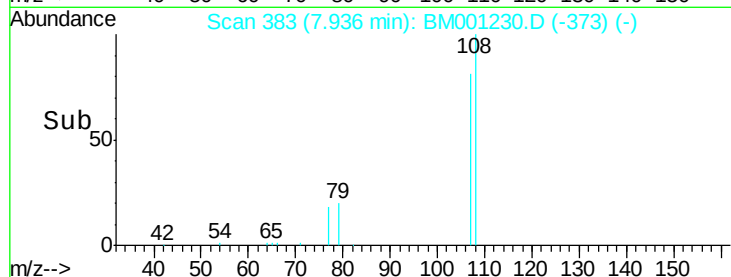
Abundance

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): BMC

Ion 79.00 (78.70 to 79.70): BMC



#8

3+4-Methylphenols

Concen: 0.45 ng

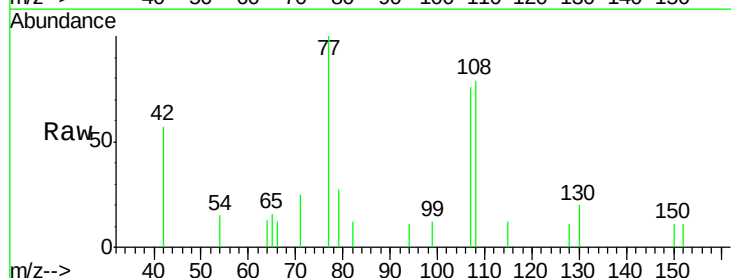
RT: 8.27 min Scan# 394

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

Tgt Ion:	107	Resp:	1064
Ion	Ratio	Lower	Upper
107	100		
108	103.8	86.3	126.3
77	131.6	151.7	191.7#
79	35.7	7.4	47.4



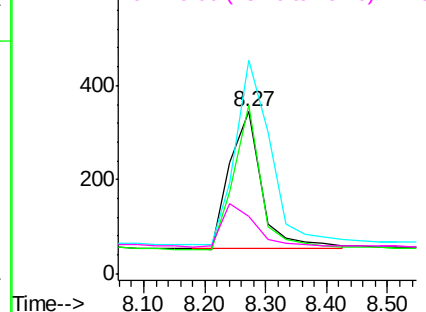
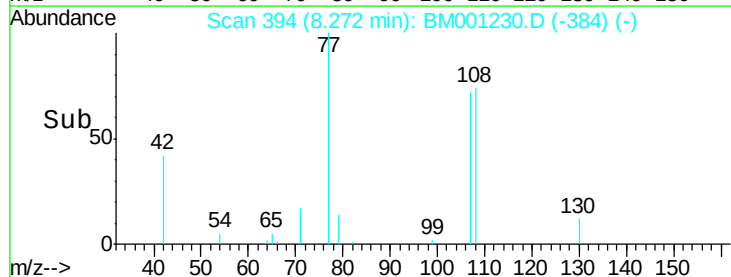
Abundance

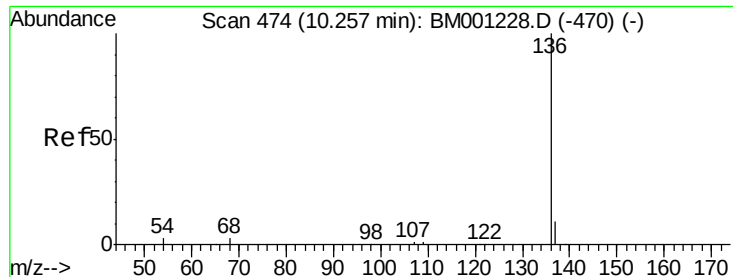
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC

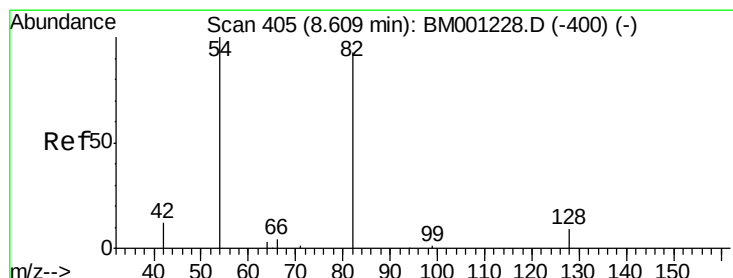
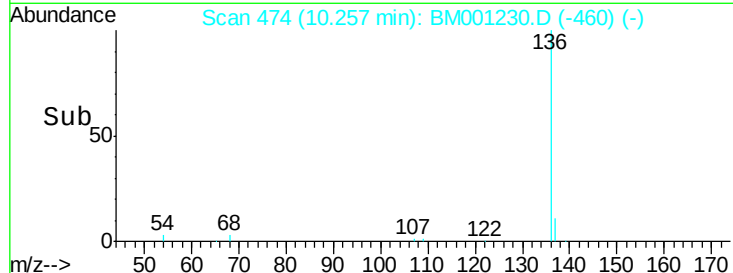
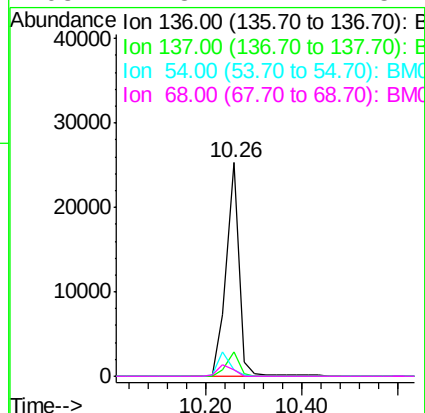
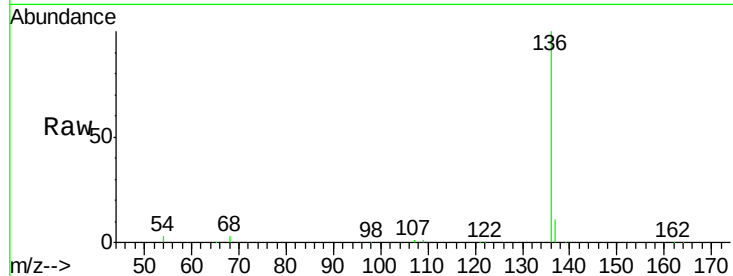




#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

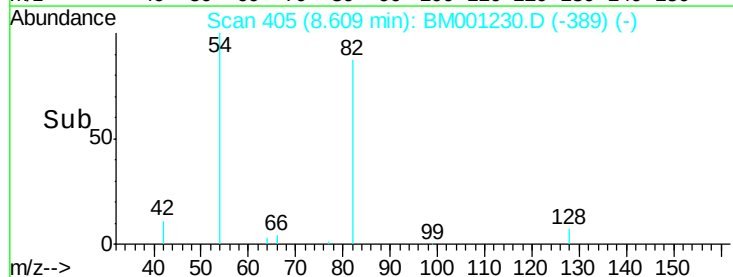
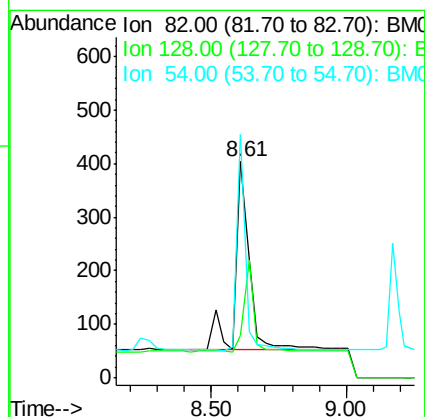
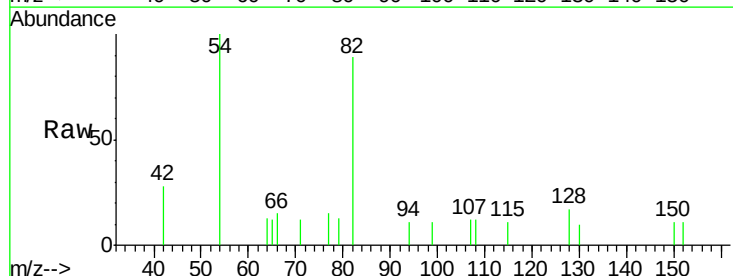
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

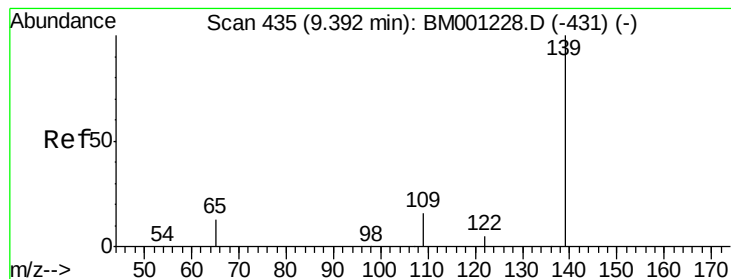
Tot Ion:136	Resp:	46262	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 3.2	2.6	3.8	
68 2.8	2.2	3.2	



#10
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.61 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion: 82	Resp: 1290
Ion Ratio	Lower Upper
82 100	
128 0.0	0.0 0.0
54 68.4	59.0 88.6





#11

2-Nitrophenol

Concen: 0.45 ng

RT: 9.39 min Scan# 435

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

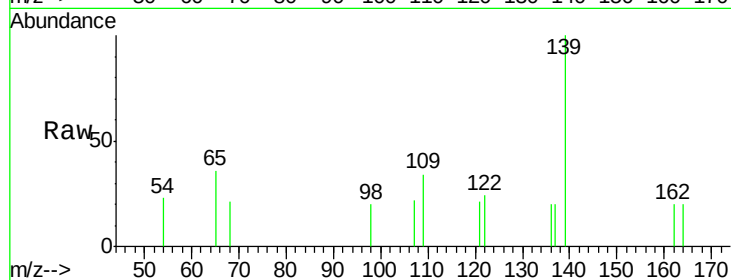
Tot Ion:139 Resp: 462

Ion Ratio Lower Upper

139 100

109 34.0 19.5 29.3#

65 35.7 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): E

9.39

250

200

150

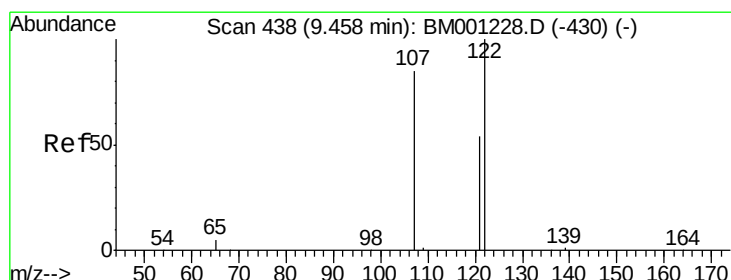
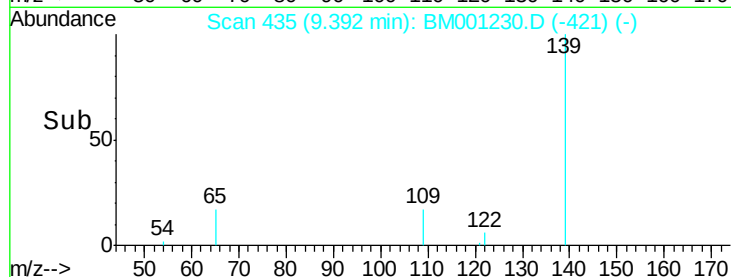
100

50

0

9.20 9.40 9.60

Time-->



#12

2,4-Dimethylphenol

Concen: 0.46 ng

RT: 9.46 min Scan# 438

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

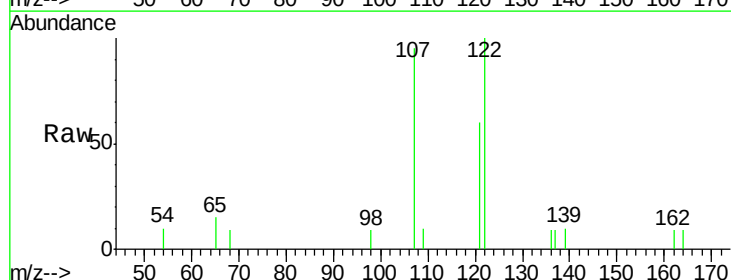
Tgt Ion:122 Resp: 1033

Ion Ratio Lower Upper

122 100

107 95.0 68.6 102.8

121 59.9 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

9.46

600

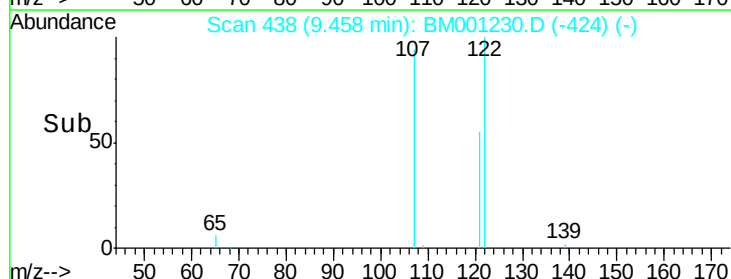
400

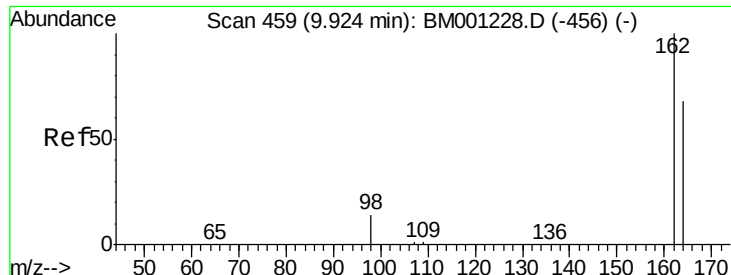
200

0

9.20 9.30 9.40 9.50 9.60

Time-->

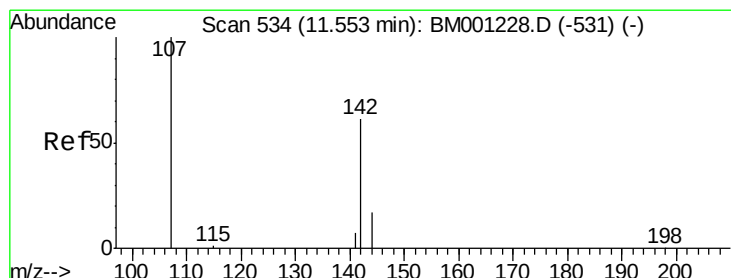
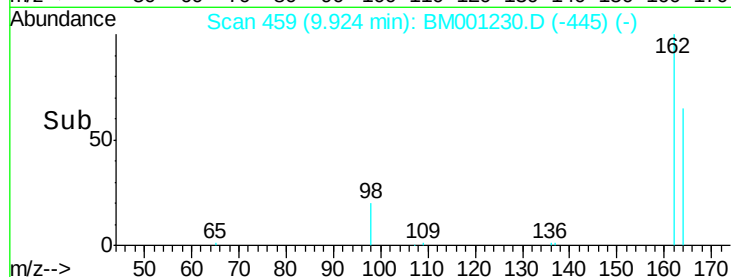
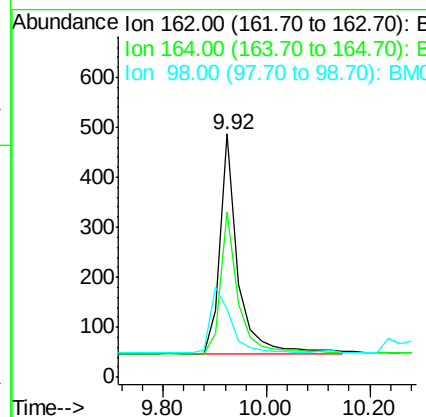
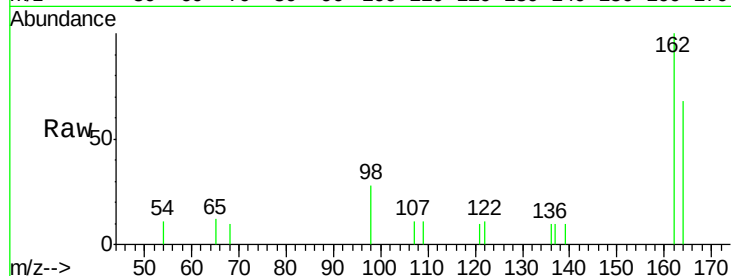




#13
 2,4-Dichlorophenol
 Concen: 0.47 ng
 RT: 9.92 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BM001230.D
 Acq: 06 May 2015 23:04

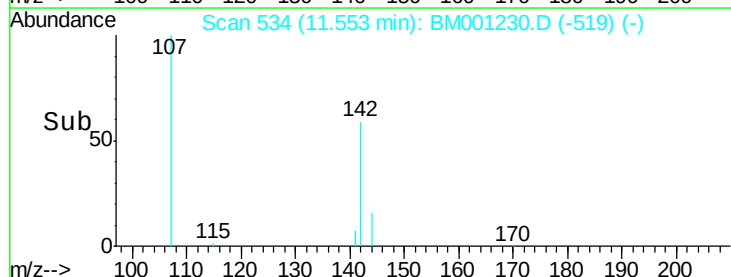
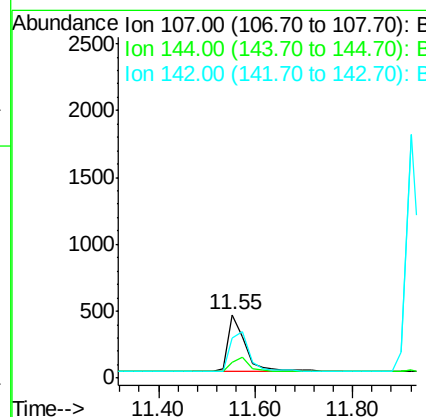
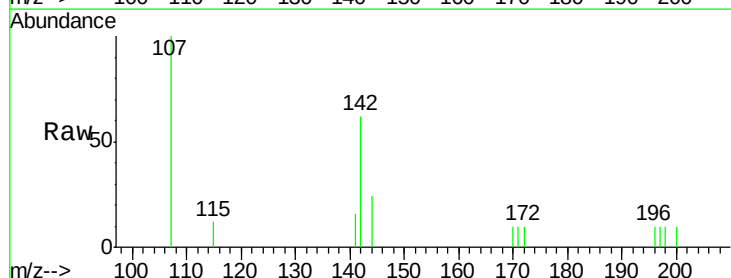
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

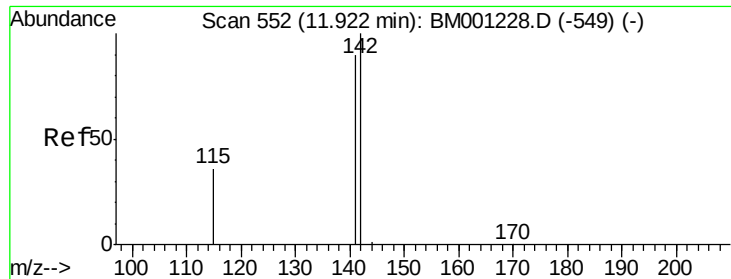
Tot Ion:	162	Resp:	1061
Ion	Ratio	Lower	Upper
162	100		
164	68.0	49.2	89.2
98	27.7	0.0	37.4



#14
 4-Chloro-3-methylphenol
 Concen: 0.45 ng
 RT: 11.55 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BM001230.D
 Acq: 06 May 2015 23:04

Tgt Ion:	107	Resp:	1074
Ion	Ratio	Lower	Upper
107	100		
144	23.8	16.2	24.2
142	62.4	49.8	74.6

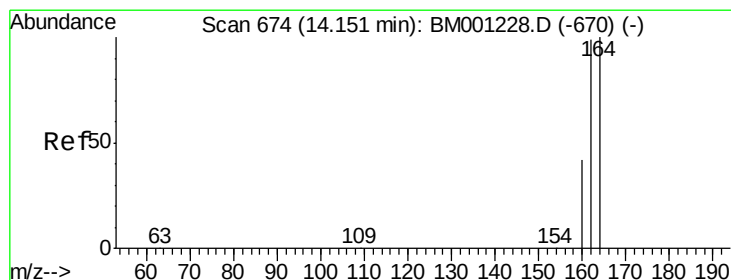
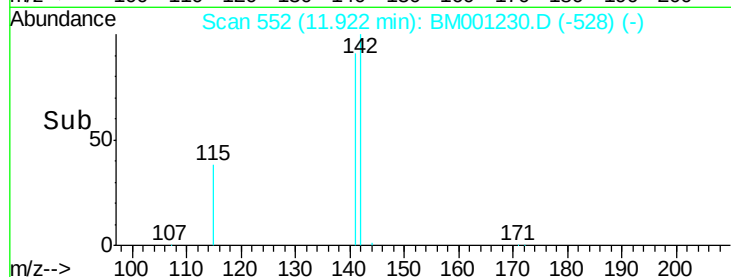
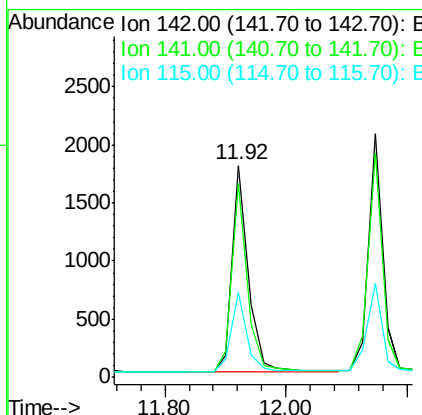
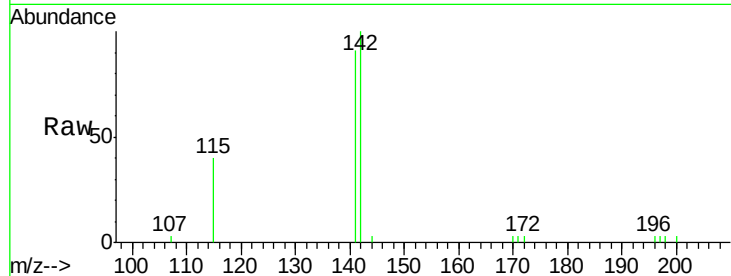




#15
2-Methylnaphthalene
Concen: 0.50 ng
RT: 11.92 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

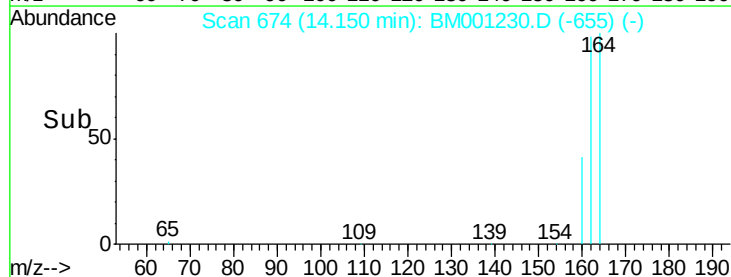
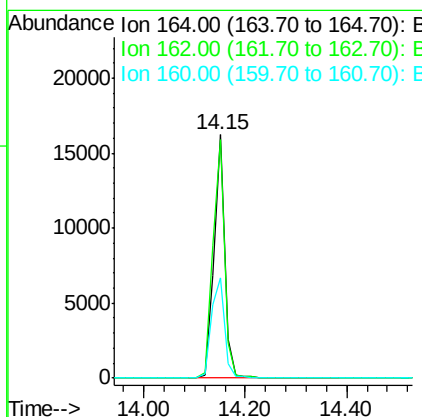
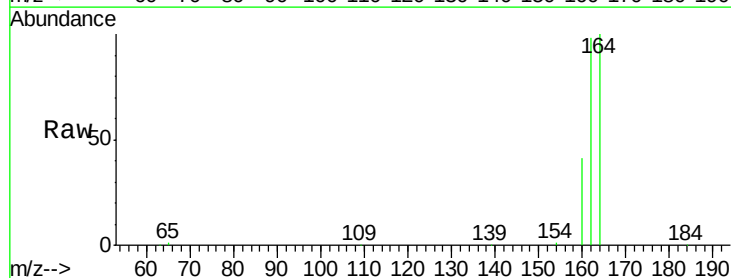
Instrument :
BNA_M
ClientSampled :
SSTDIC0.5

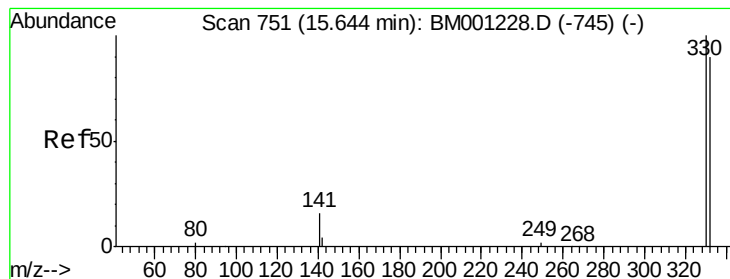
Tot Ion:142 Resp: 3272
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0
115 36.8 29.3 43.9



#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:164 Resp: 24165
Ion Ratio Lower Upper
164 100
162 97.8 79.2 118.8
160 41.0 33.7 50.5

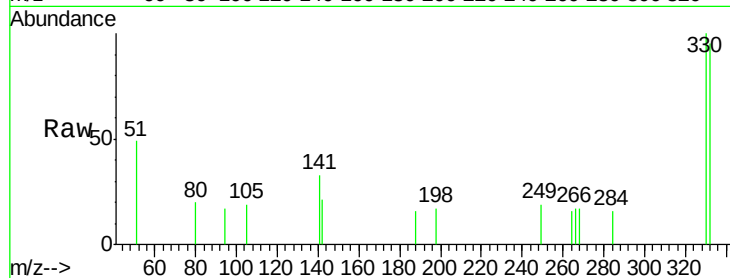




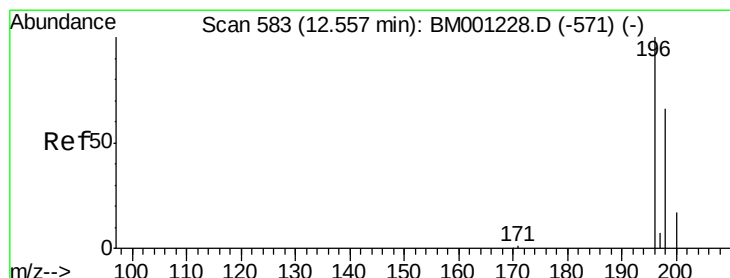
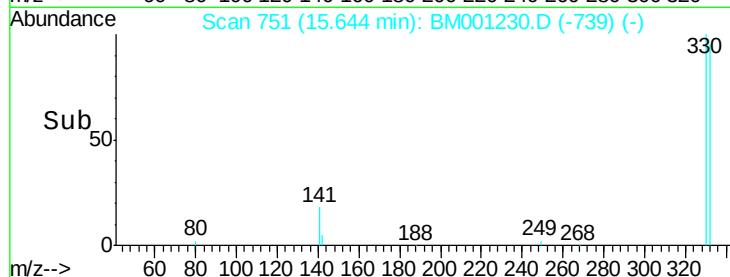
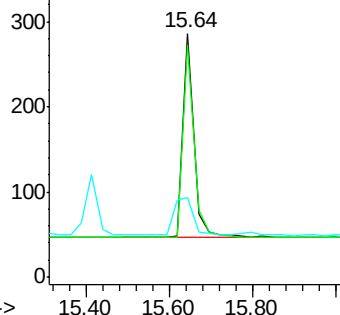
#17
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 15.64 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BM001230.D
 Acq: 06 May 2015 23:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tot Ion:330 Resp: 446
 Ion Ratio Lower Upper
 330 100
 332 93.5 74.0 111.0
 141 31.6 24.1 36.1

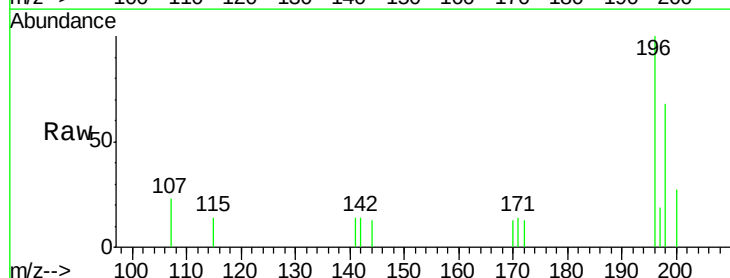


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

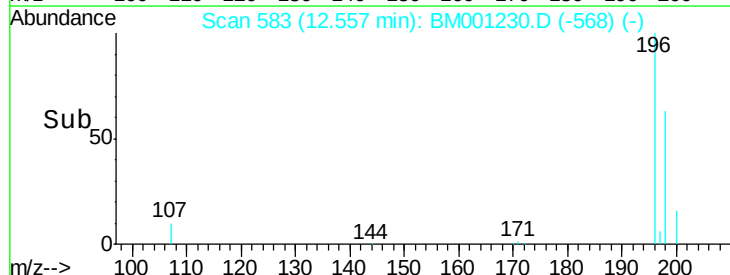
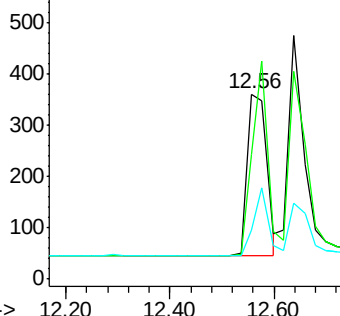


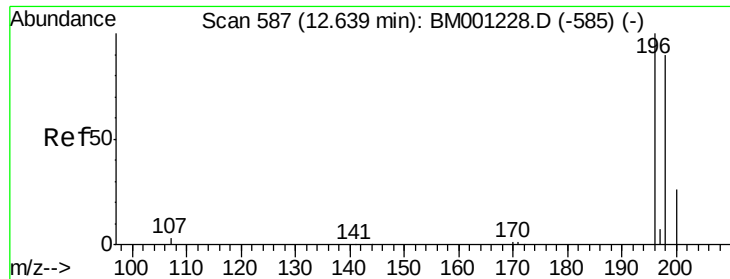
#18
 2,4,6-Trichlorophenol
 Concen: 0.46 ng
 RT: 12.56 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BM001230.D
 Acq: 06 May 2015 23:04

Tgt Ion:196 Resp: 809
 Ion Ratio Lower Upper
 196 100
 198 67.8 54.2 81.2
 200 26.7 17.1 25.7#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

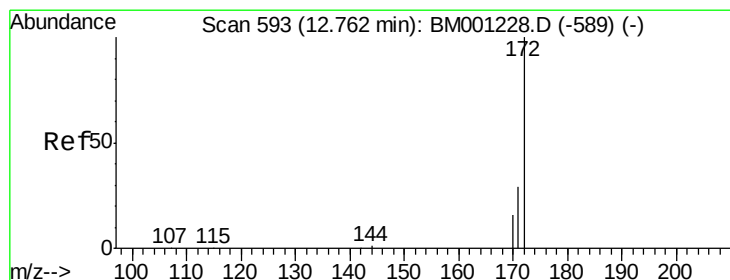
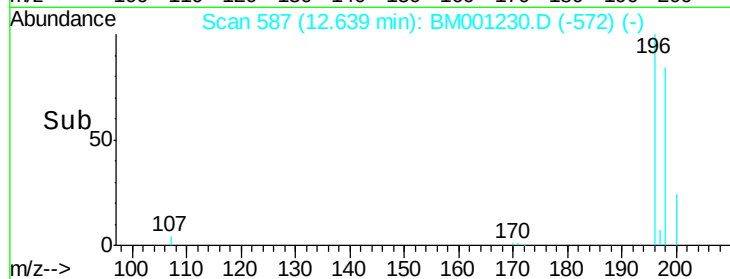
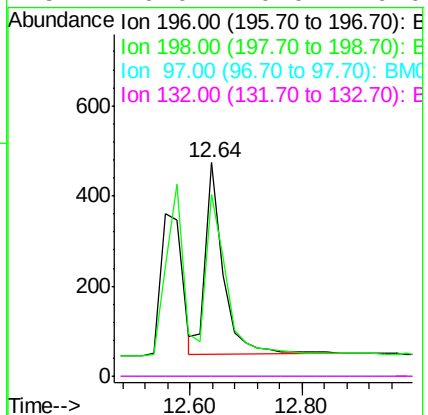
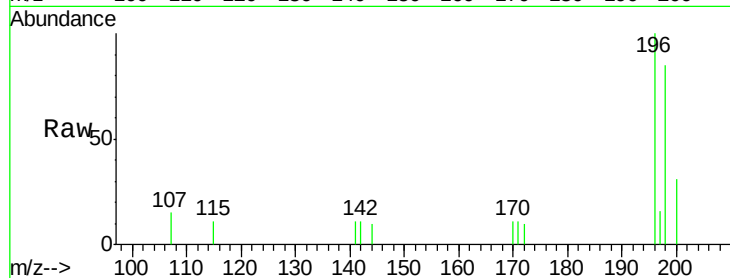




#19
2,4,5-Trichlorophenol
Concen: 0.46 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

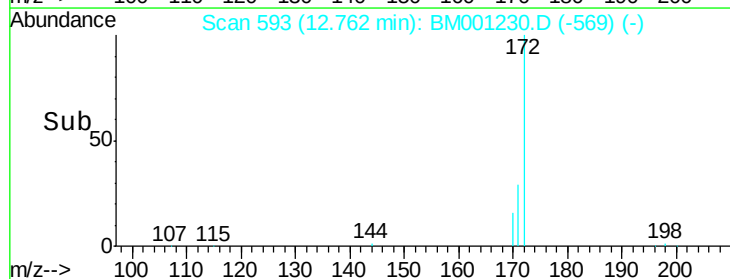
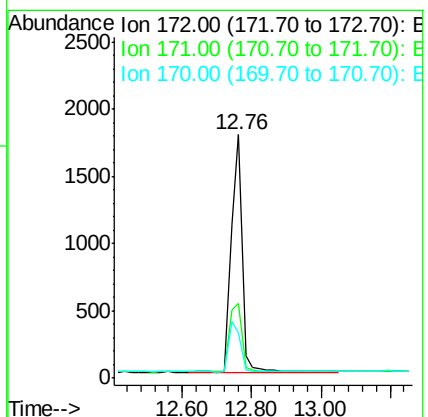
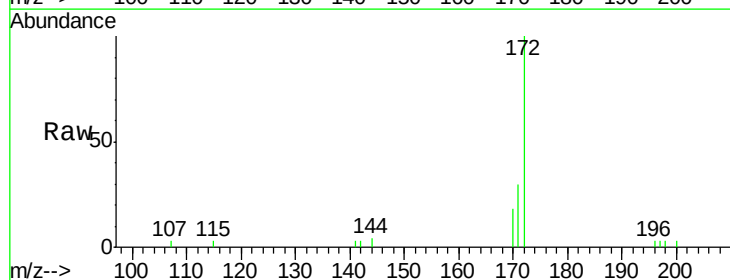
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

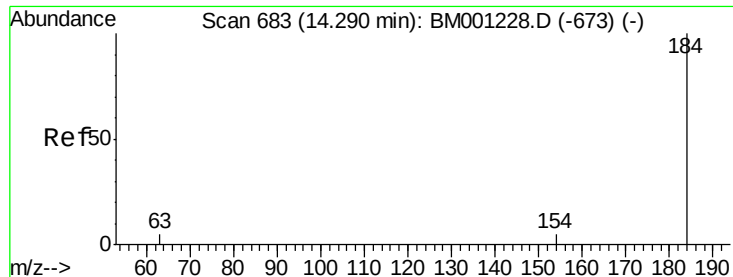
Tot Ion:196	Resp:	927	
Ion Ratio	Lower	Upper	
196	100		
198	85.2	73.6	110.4
97	0.0	0.0	0.0
132	0.0	0.0	0.0



#20
2-Fluorobiphenyl
Concen: 0.51 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt	Ion:172	Resp:	3828
Ion	Ratio	Lower	Upper
172	100		
171	33.3	0.0	0.0#
170	0.0	0.0	0.0

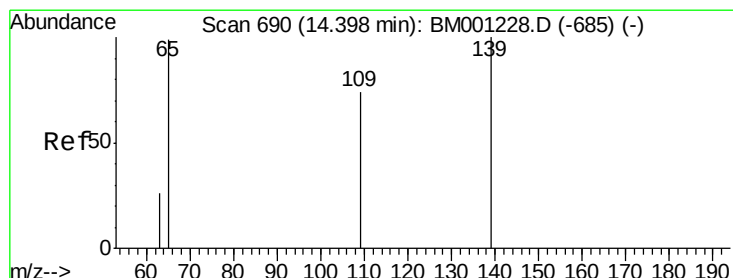
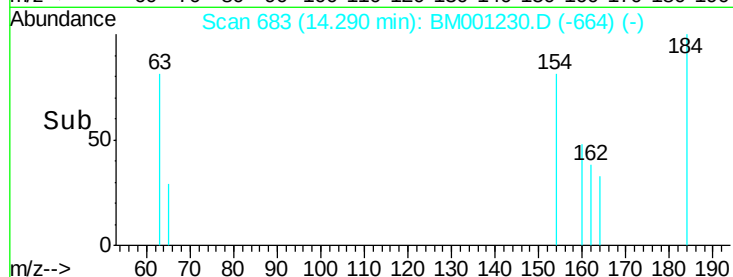
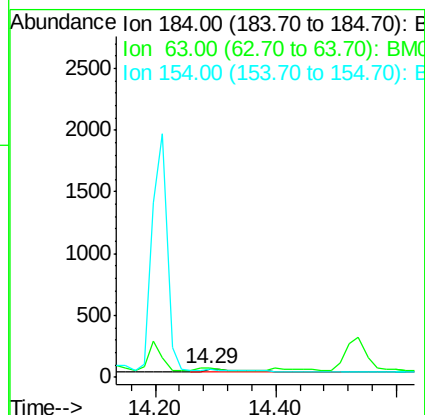
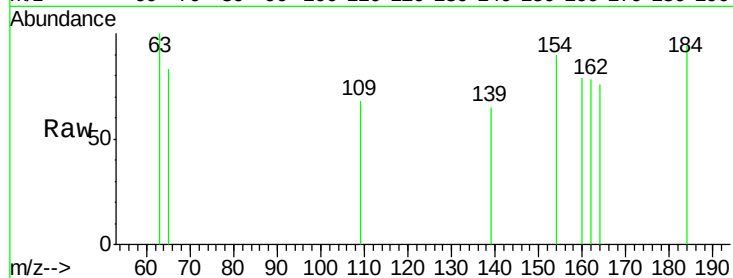




#21
2,4-Dinitrophenol
Concen: 0.31 ng
RT: 14.29 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

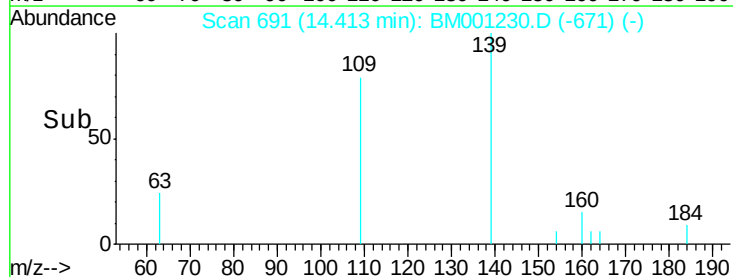
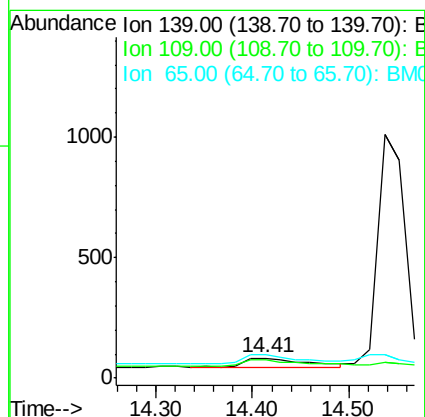
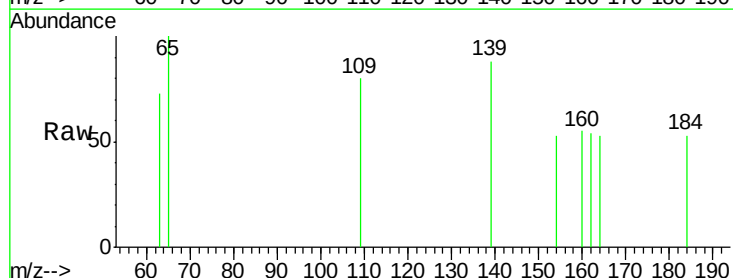
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

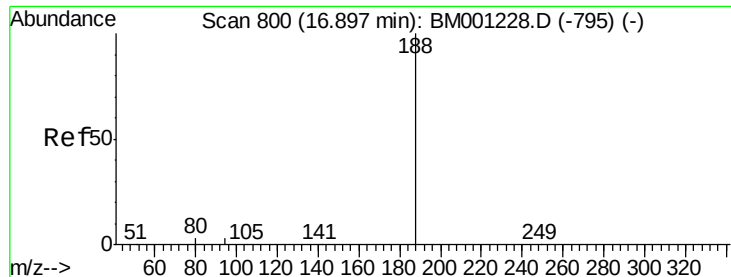
Tot Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 105.9 52.0 78.0#
154 95.6 51.4 77.2#



#22
4-Nitrophenol
Concen: 0.15 ng
RT: 14.41 min Scan# 691
Delta R.T. 0.02 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:139 Resp: 158
Ion Ratio Lower Upper
139 100
109 90.5 60.0 100.0
65 113.1 85.7 125.7

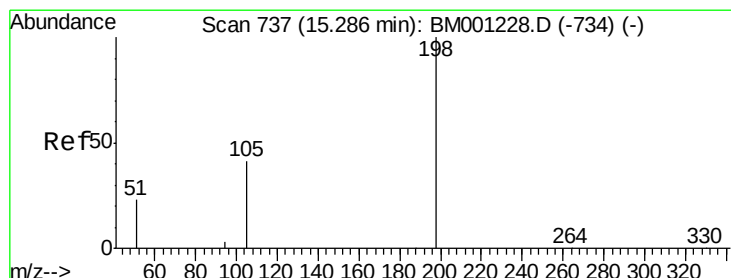
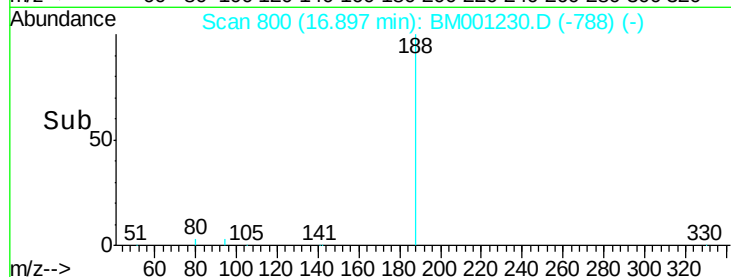
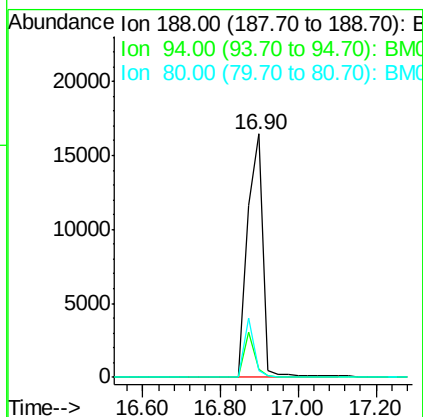
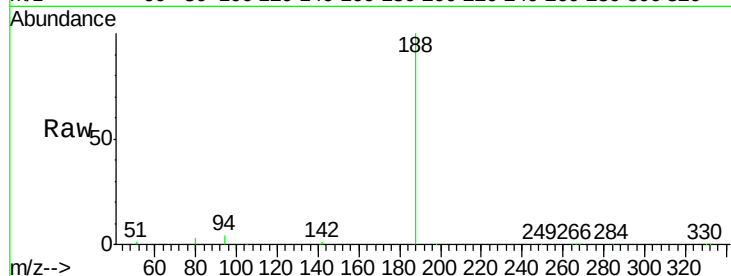




#23
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.90 min Scan# 800
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

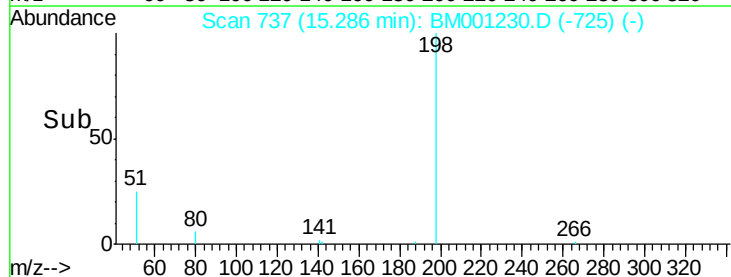
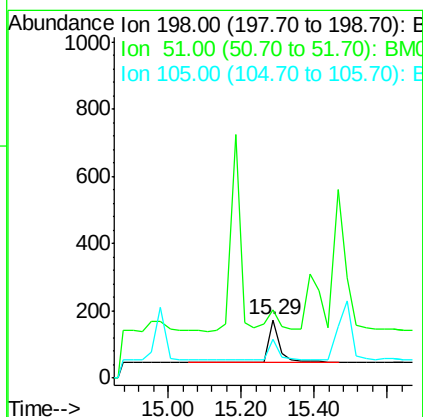
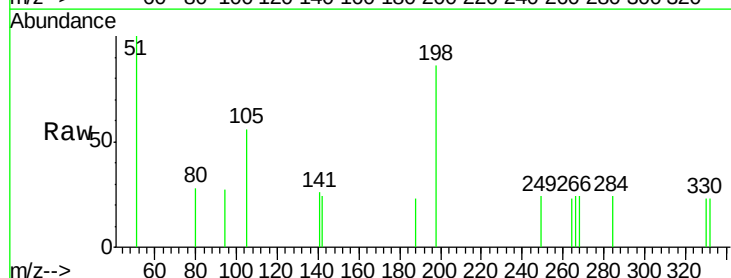
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

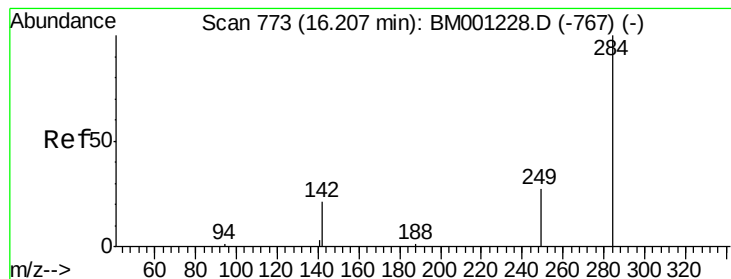
Tot Ion:188 Resp: 44533
Ion Ratio Lower Upper
188 100
94 3.5 2.9 4.3
80 3.0 2.5 3.7



#24
4,6-Dinitro-2-methylphenol
Concen: 0.34 ng
RT: 15.29 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:198 Resp: 268
Ion Ratio Lower Upper
198 100
51 116.1 60.8 100.8#
105 65.5 30.0 70.0





#25

Hexachlorobenzene

Concen: 0.49 ng

RT: 16.21 min Scan# 773

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

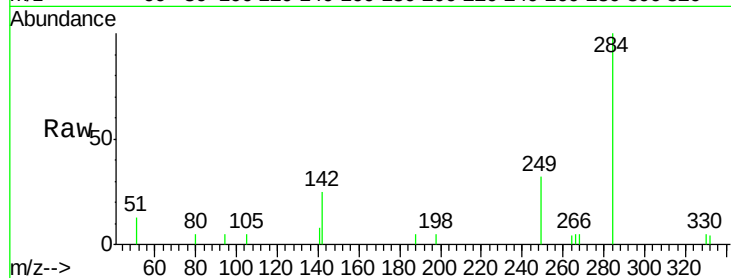
Tot Ion:284 Resp: 1611

Ion Ratio Lower Upper

284 100

142 29.2 23.3 34.9

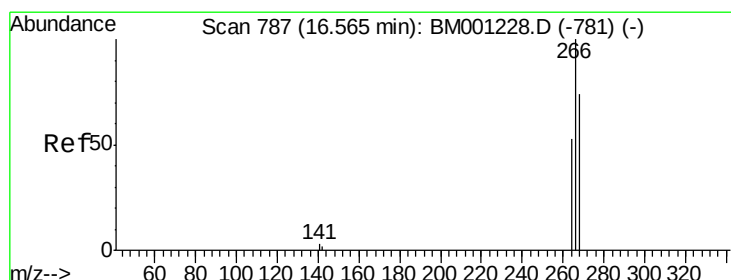
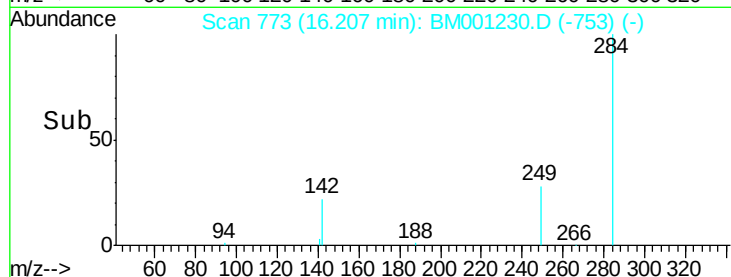
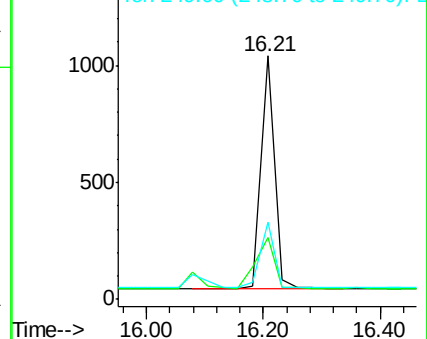
249 29.6 23.3 34.9



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: 0.37 ng

RT: 16.56 min Scan# 787

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

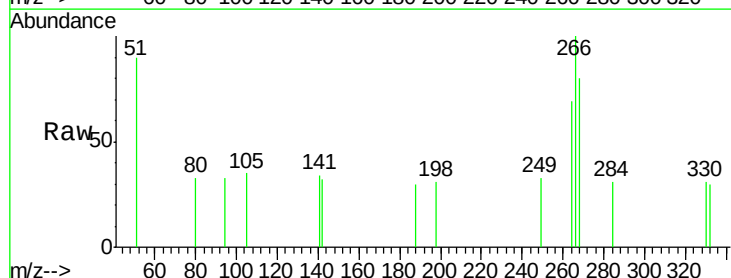
Tgt Ion:266 Resp: 267

Ion Ratio Lower Upper

266 100

268 79.7 62.6 94.0

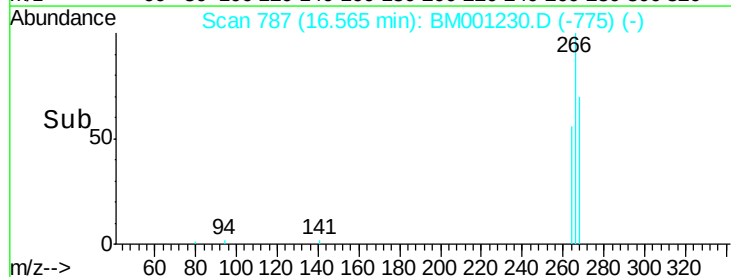
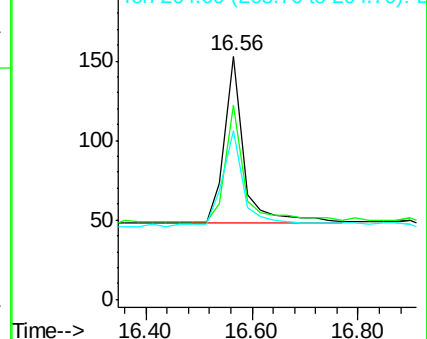
264 69.3 47.9 71.9

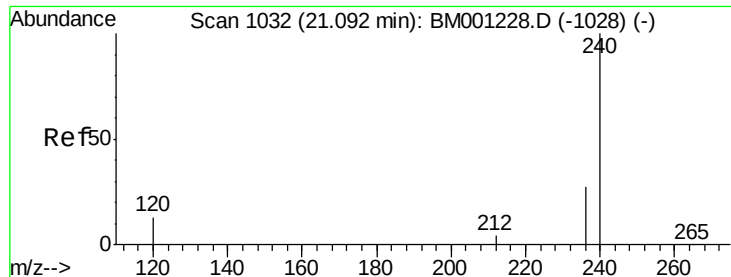


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#27

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM001230.D

Acq: 06 May 2015 23:04

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

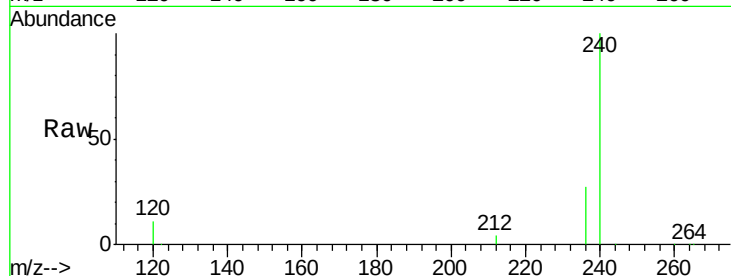
Tot Ion:240 Resp: 50149

Ion Ratio Lower Upper

240 100

120 10.7 10.4 15.6

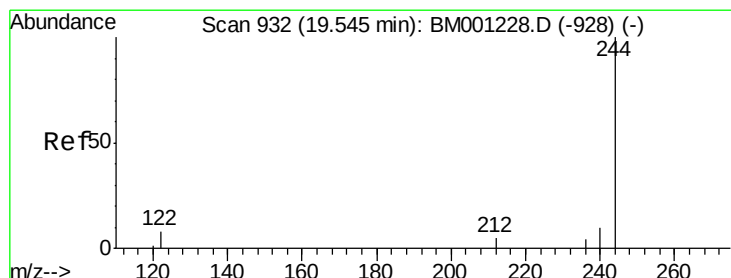
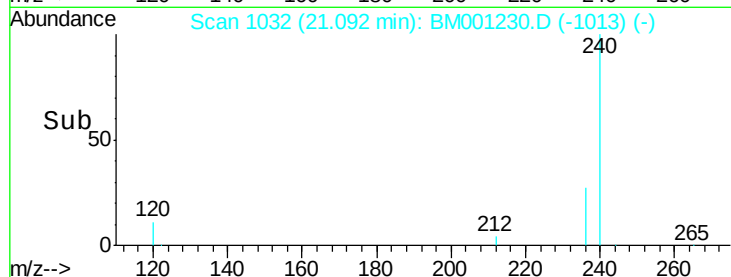
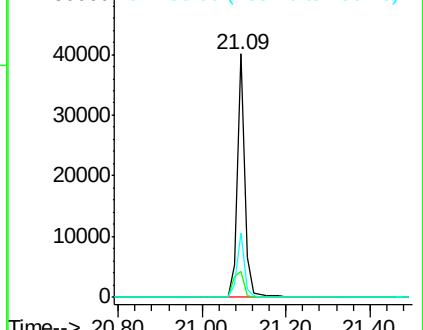
236 26.7 22.0 33.0



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: BM001230.D

Acq: 06 May 2015 23:04

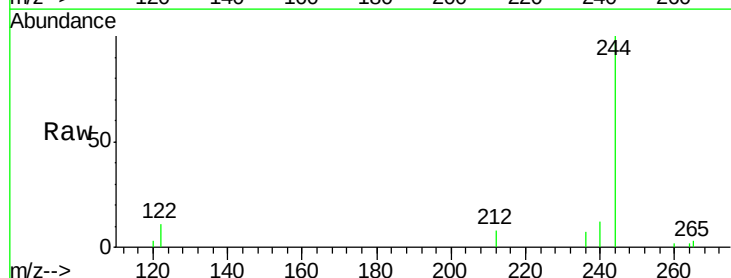
Tgt Ion:244 Resp: 3205

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

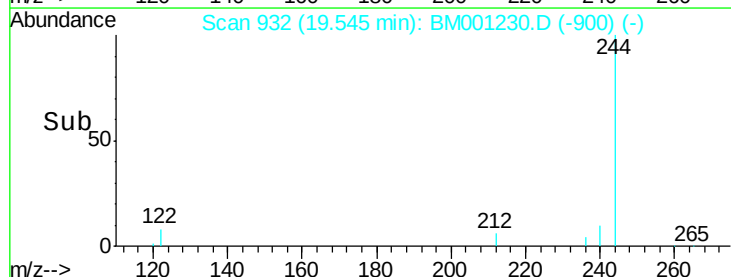
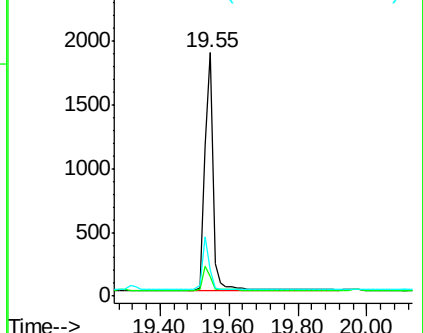
122 18.9 14.8 22.2

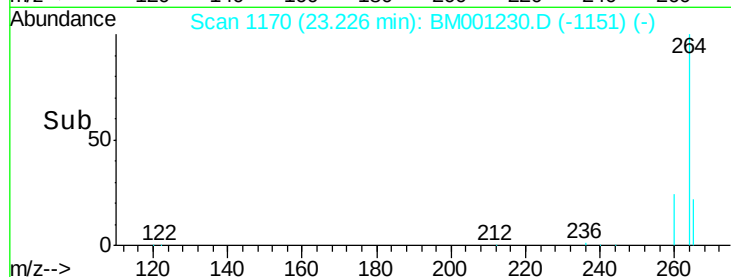
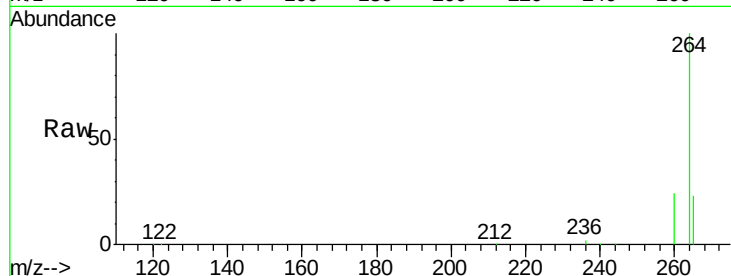
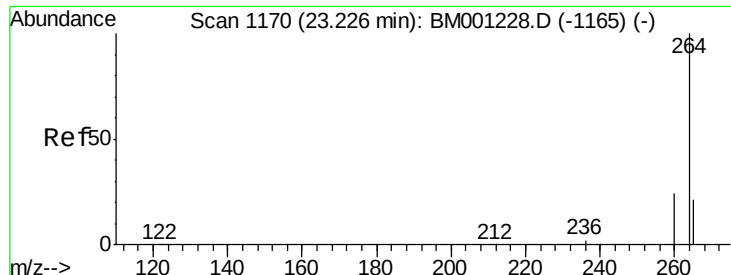


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM001230.D

Acq: 06 May 2015 23:04

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

Tot Ion: 264 Resp: 45469

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.5 17.4 26.2

