

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
 Data File : BM001231.D
 Acq On : 06 May 2015 23:40
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 07 07:16:28 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	14815	5.00	ng	0.00
9) Naphthalene-d8	10.26	136	43103	5.00	ng	0.00
16) Acenaphthene-d10	14.15	164	22689	5.00	ng	0.00
23) Phenanthrene-d10	16.90	188	43823	5.00	ng	0.00
27) Chrysene-d12	21.09	240	47927	5.00	ng	0.00
29) Perylene-d12	23.23	264	44550	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	473	0.20	ng	0.00
4) Phenol-d6	6.65	99	547	0.17	ng	0.00
10) Nitrobenzene-d5	8.64	82	431	0.18	ng	0.03
17) 2,4,6-Tribromophenol	15.64	330	149	0.16	ng	0.00
20) 2-Fluorobiphenyl	12.76	172	1437	0.20	ng	0.00
28) Terphenyl-d14	19.55	244	1224	0.00	ng	0.00

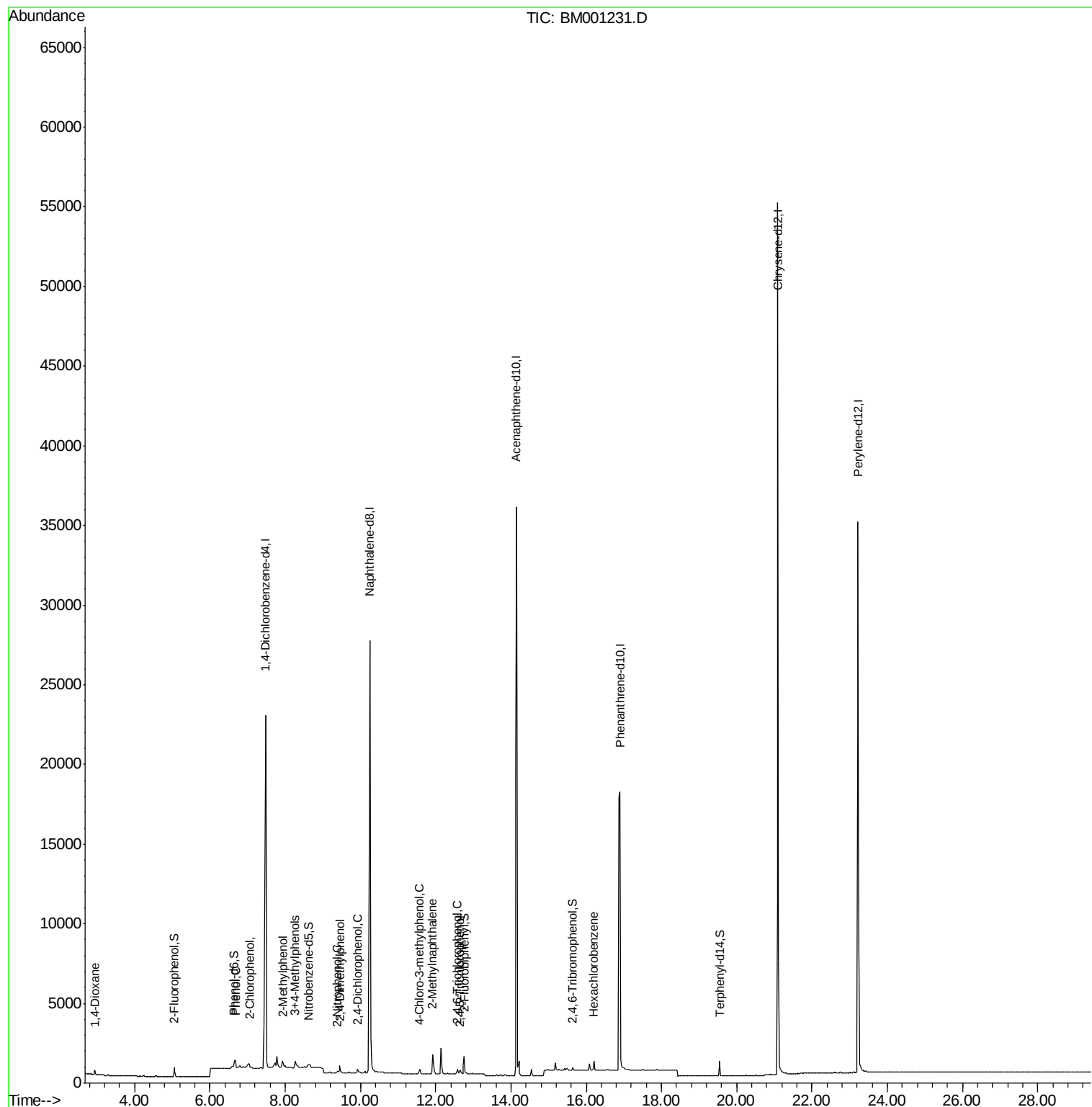
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.95	88	192	0.20	ng	98
5) 2-Chlorophenol	7.05	128	415	0.20	ng	80
6) Phenol	6.68	94	620	0.19	ng	69
7) 2-Methylphenol	7.94	107	343	0.20	ng	# 77
8) 3+4-Methylphenols	8.27	107	373	0.17	ng	# 62
11) 2-Nitrophenol	9.39	139	158	0.16	ng	# 30
12) 2,4-Dimethylphenol	9.46	122	367	0.18	ng	# 79
13) 2,4-Dichlorophenol	9.92	162	362	0.17	ng	# 78
14) 4-Chloro-3-methylphenol	11.57	107	365	0.17	ng	# 53
15) 2-Methylnaphthalene	11.92	142	1161	0.19	ng	99
18) 2,4,6-Trichlorophenol	12.58	196	280	0.17	ng	# 49
19) 2,4,5-Trichlorophenol	12.64	196	299	0.16	ng	88
25) Hexachlorobenzene	16.21	284	612	0.19	ng	95

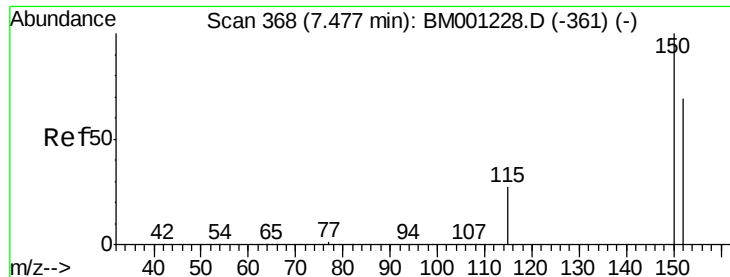
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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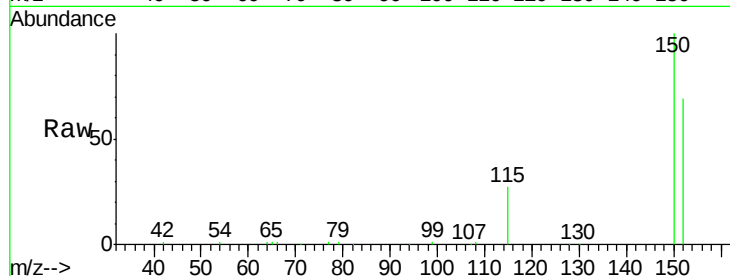


#1

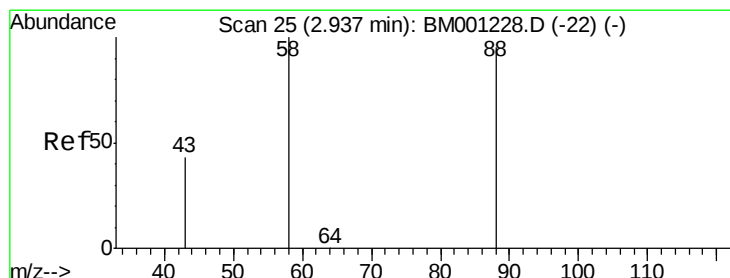
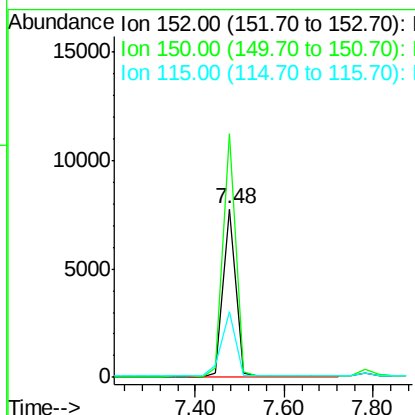
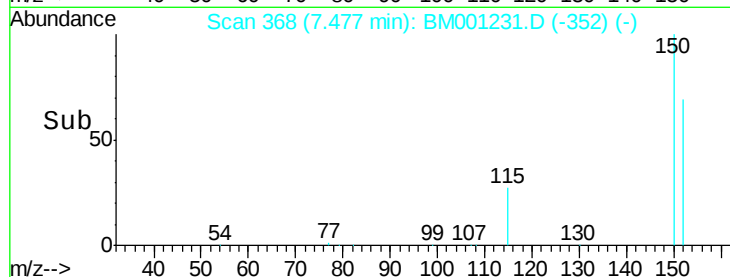
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001231.D
Acq: 06 May 2015 23:40

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 14815
Ion Ratio Lower Upper
152 100
150 144.4 116.3 174.5
115 38.9 31.9 47.9



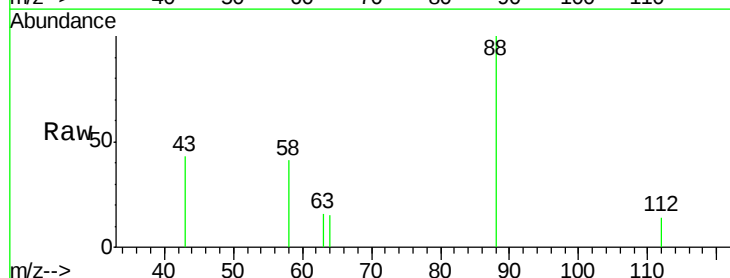
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



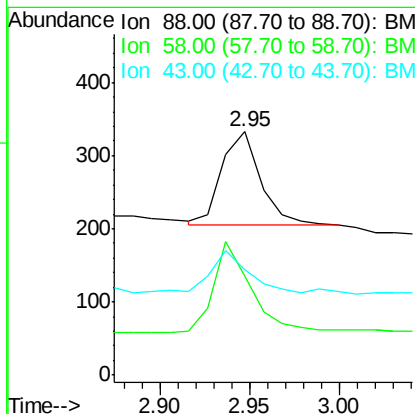
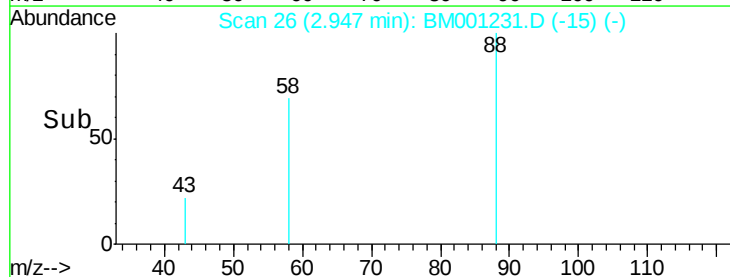
#2

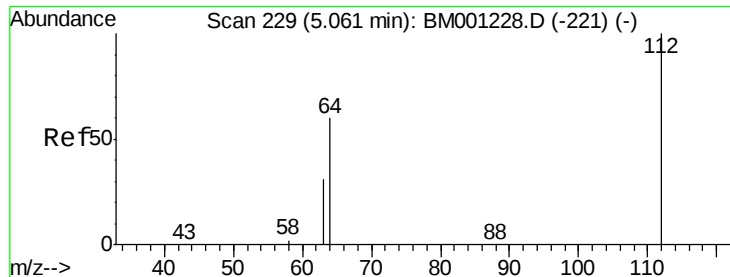
1,4-Dioxane
Concen: 0.20 ng
RT: 2.95 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM001231.D
Acq: 06 May 2015 23:40

Tgt Ion: 88 Resp: 192
Ion Ratio Lower Upper
88 100
58 91.7 75.5 113.3
43 41.1 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: 0.20 ng

RT: 5.06 min Scan# 229

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

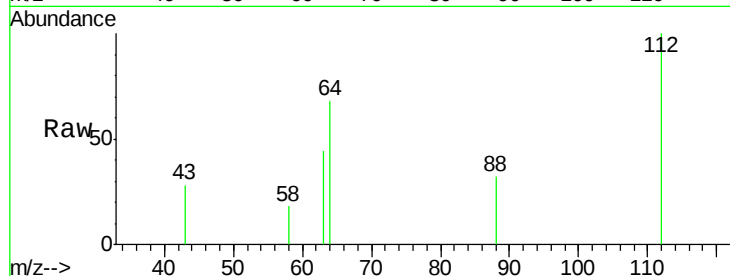
Tot Ion:112 Resp: 473

Ion Ratio Lower Upper

112 100

64 68.4 49.3 73.9

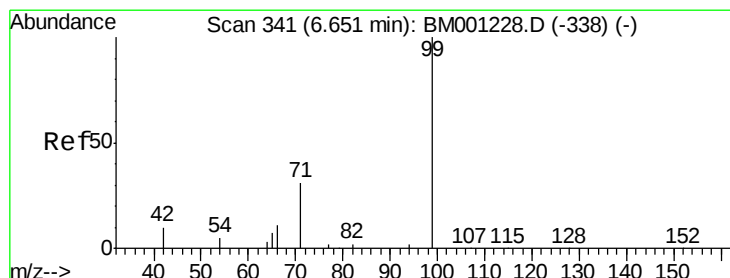
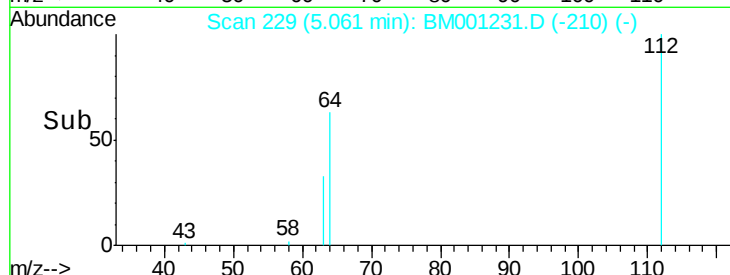
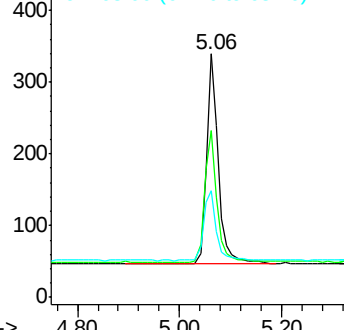
63 44.0 26.2 39.4#



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: 0.17 ng

RT: 6.65 min Scan# 341

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

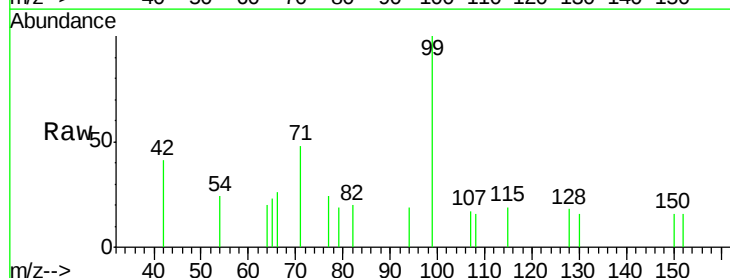
Tgt Ion: 99 Resp: 547

Ion Ratio Lower Upper

99 100

42 40.5 12.1 18.1#

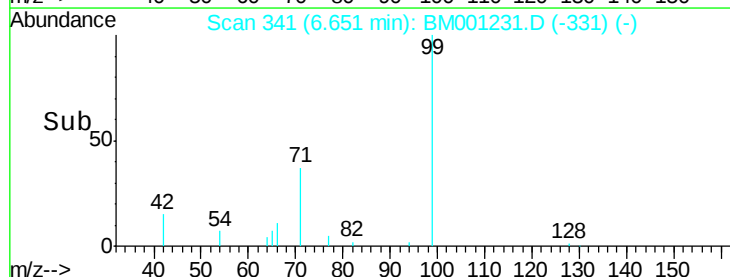
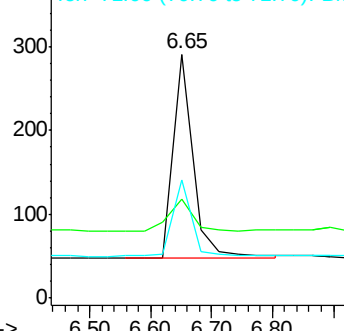
71 48.5 26.4 39.6#

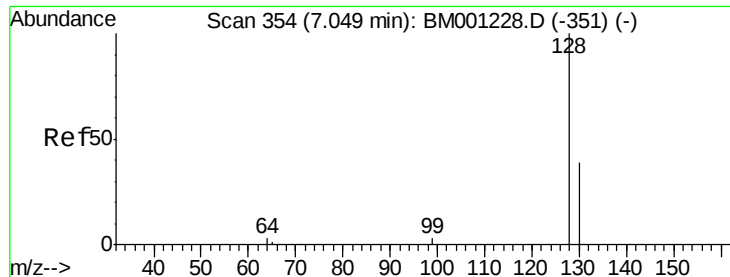


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#5

2-Chlorophenol

Concen: 0.20 ng

RT: 7.05 min Scan# 354

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

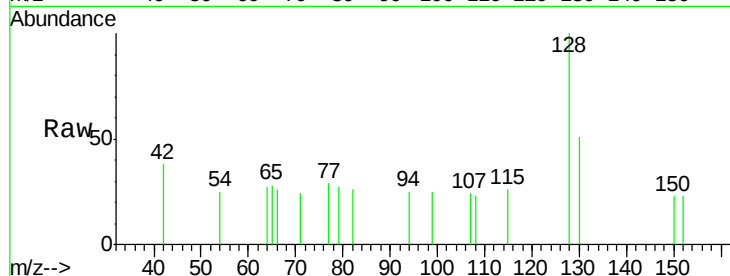
Tot Ion:128 Resp: 415

Ion Ratio Lower Upper

128 100

130 51.0 22.2 62.2

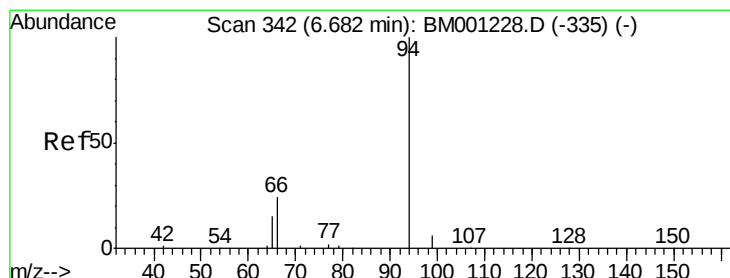
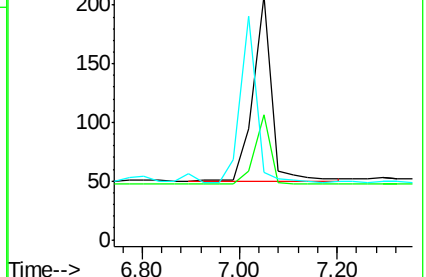
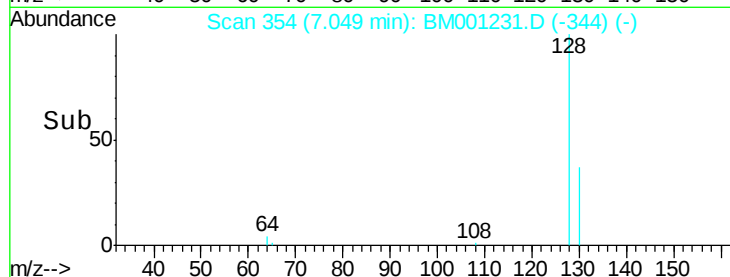
64 27.4 0.0 28.7



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: 0.19 ng

RT: 6.68 min Scan# 342

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

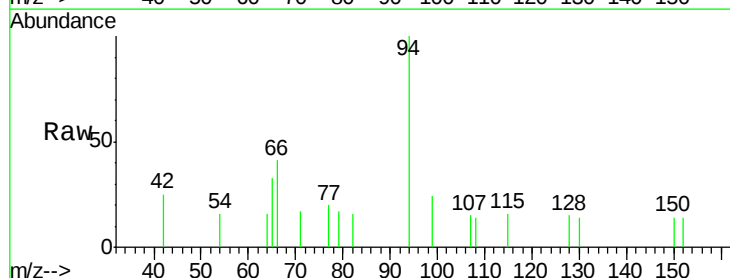
Tgt Ion: 94 Resp: 620

Ion Ratio Lower Upper

94 100

65 32.8 0.0 37.7

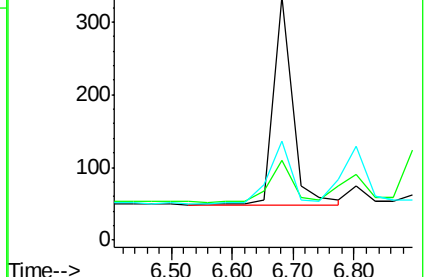
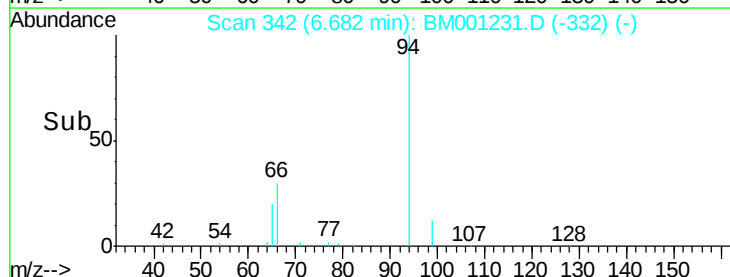
66 40.9 6.3 46.3

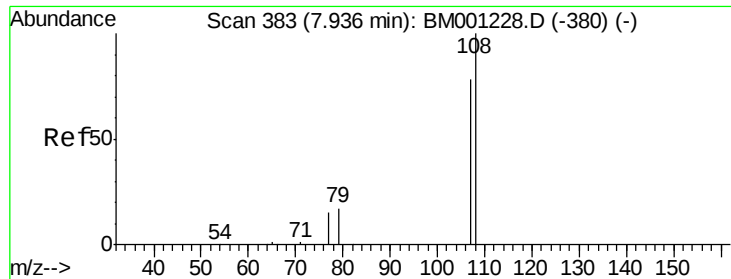


Abundance Ion 94.00 (93.70 to 94.70): BM

Ion 65.00 (64.70 to 65.70): BM

Ion 66.00 (65.70 to 66.70): BM





#7

2-Methylphenol

Concen: 0.20 ng

RT: 7.94 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

Tot Ion:107 Resp: 343

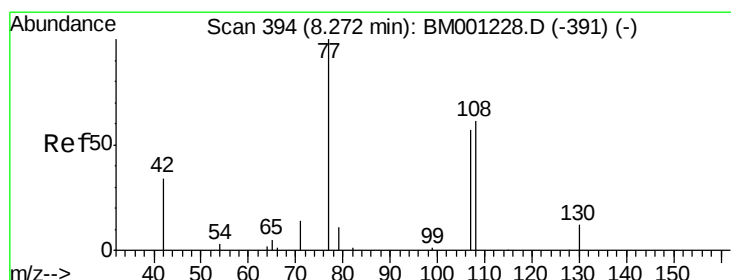
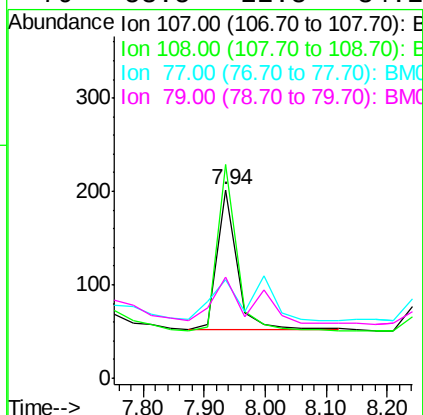
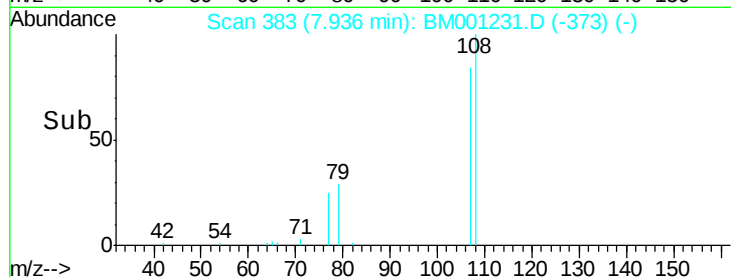
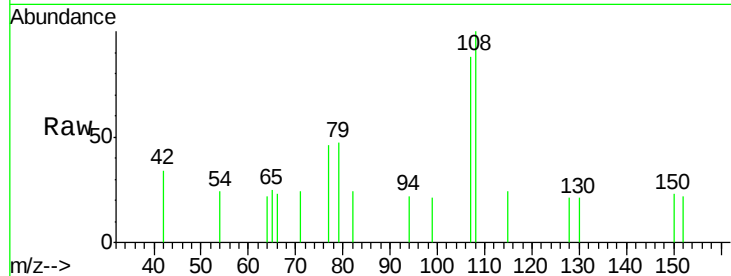
Ion Ratio Lower Upper

107 100

108 113.4 100.9 151.3

77 52.0 20.3 30.5#

79 53.5 22.8 34.2#



#8

3+4-Methylphenols

Concen: 0.17 ng

RT: 8.27 min Scan# 394

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Tgt Ion:107 Resp: 373

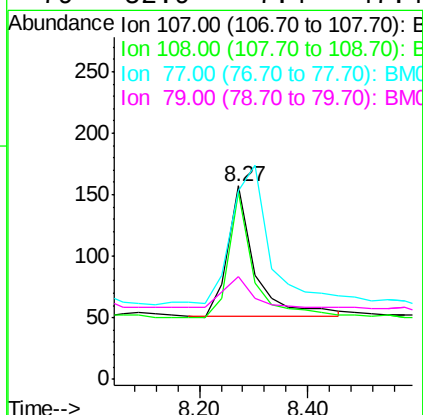
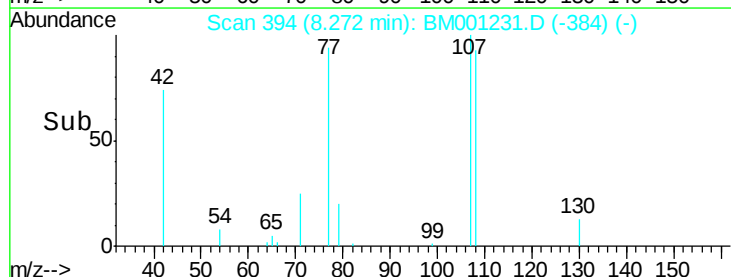
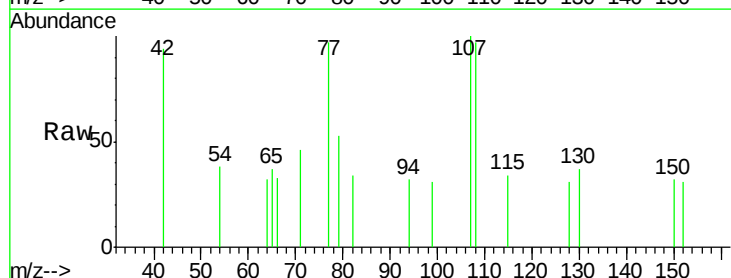
Ion Ratio Lower Upper

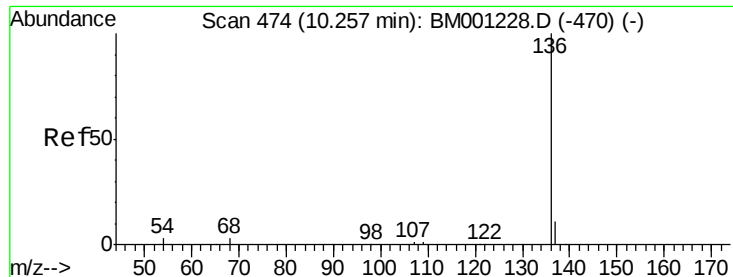
107 100

108 96.8 86.3 126.3

77 97.5 151.7 191.7#

79 52.9 7.4 47.4#

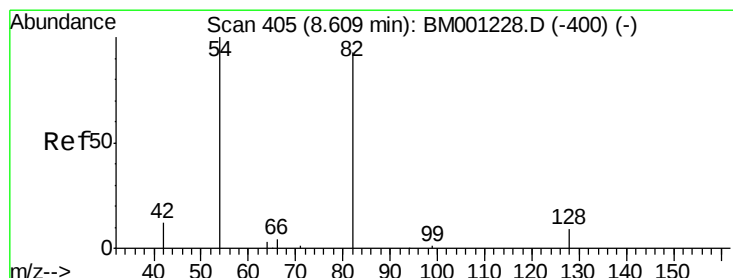
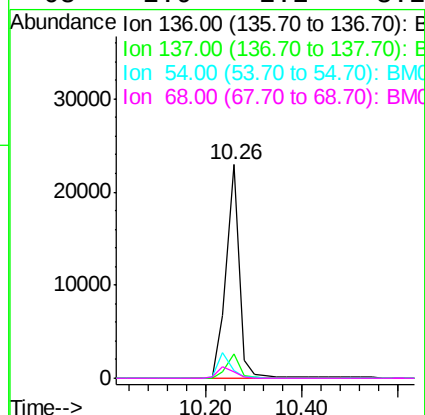
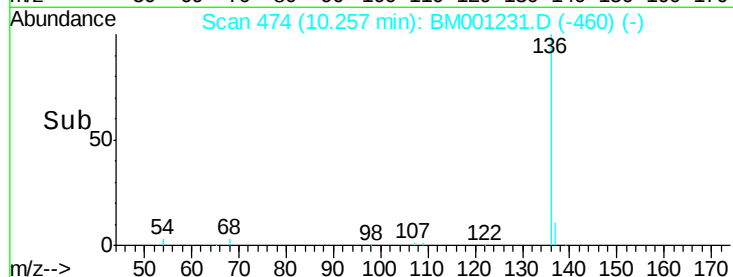
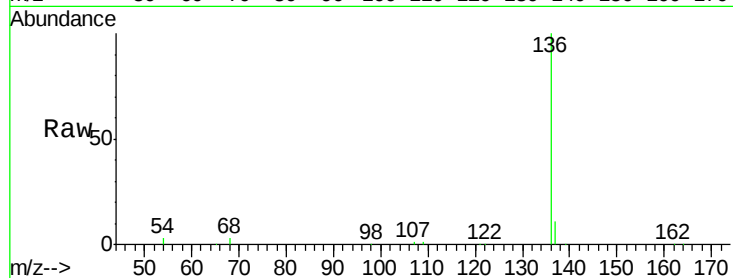




#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001231.D
Acq: 06 May 2015 23:40

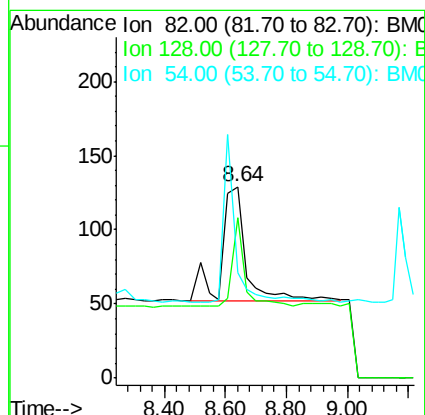
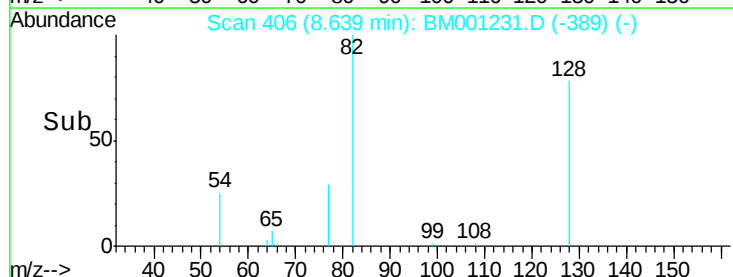
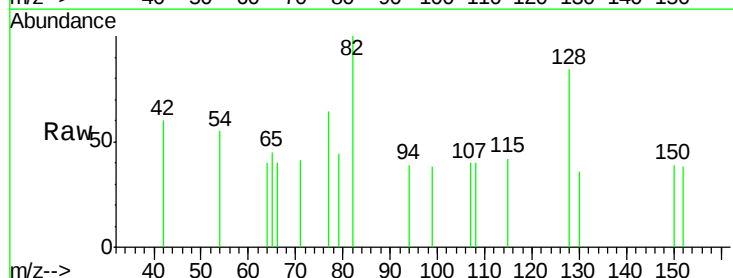
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

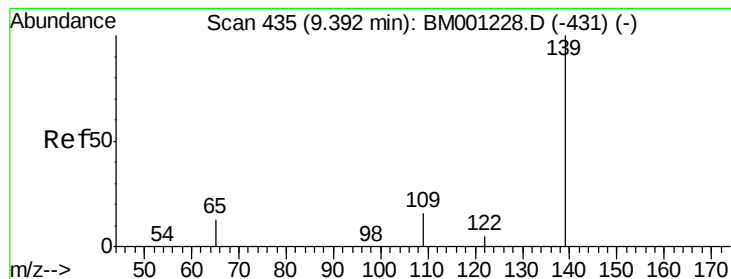
Tot Ion:136	Resp:	43103	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 3.5	2.6	3.8	
68 2.9	2.2	3.2	



#10
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.64 min Scan# 406
Delta R.T. 0.03 min
Lab File: BM001231.D
Acq: 06 May 2015 23:40

Tgt	Ion: 82	Resp:	431
Ion	Ratio	Lower	Upper
82	100		
128	34.8	0.0	0.0#
54	0.0	59.0	88.6#





#11

2-Nitrophenol

Concen: 0.16 ng

RT: 9.39 min Scan# 435

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampled :

SSTDIC0.2

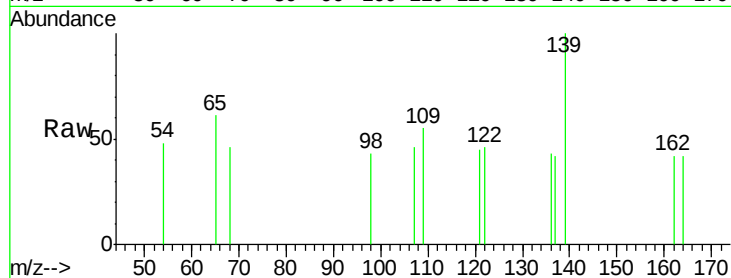
Tot Ion:139 Resp: 158

Ion Ratio Lower Upper

139 100

109 55.0 19.5 29.3#

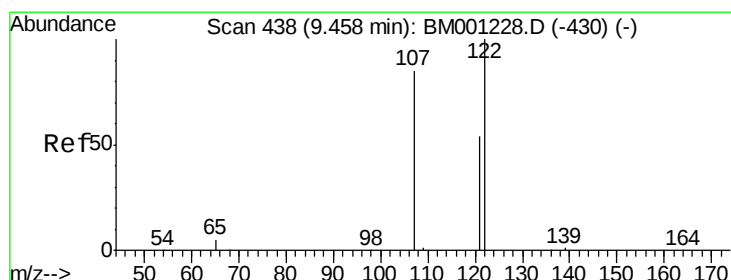
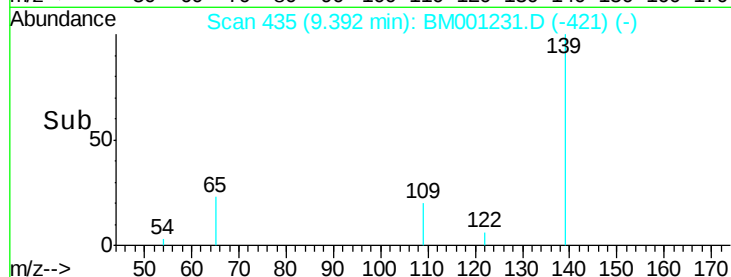
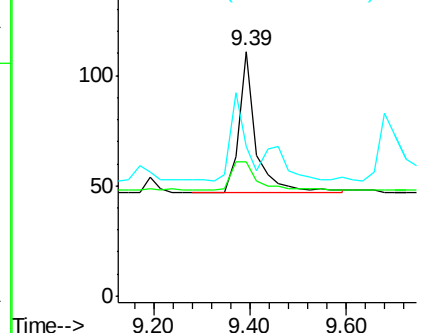
65 61.3 18.6 28.0#



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: 0.18 ng

RT: 9.46 min Scan# 438

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

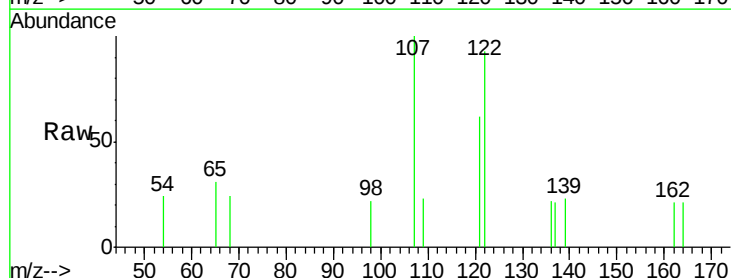
Tgt Ion:122 Resp: 367

Ion Ratio Lower Upper

122 100

107 107.8 68.6 102.8#

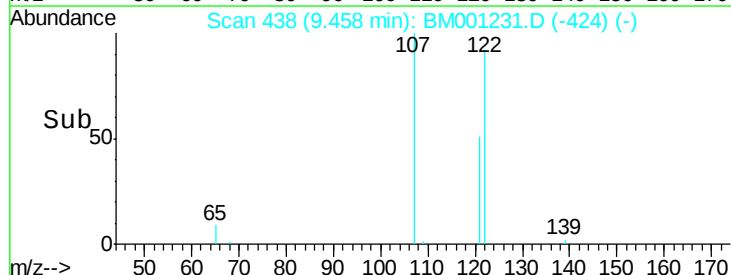
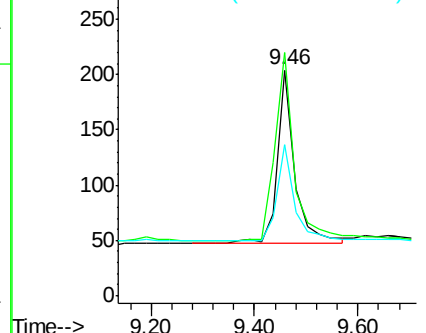
121 67.2 44.8 67.2

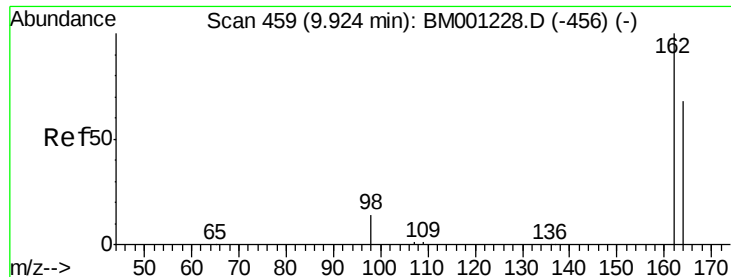


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

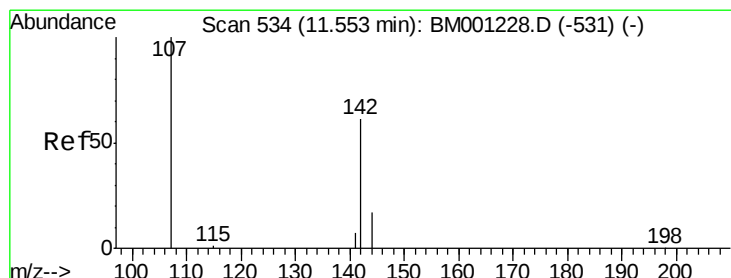
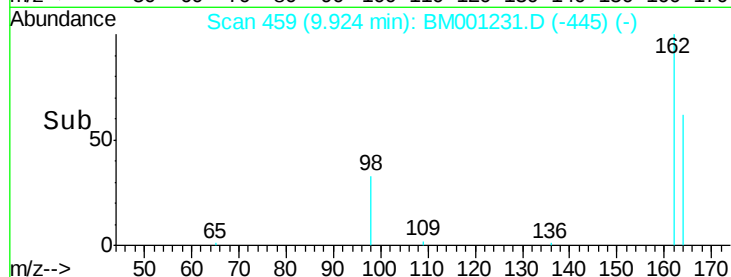
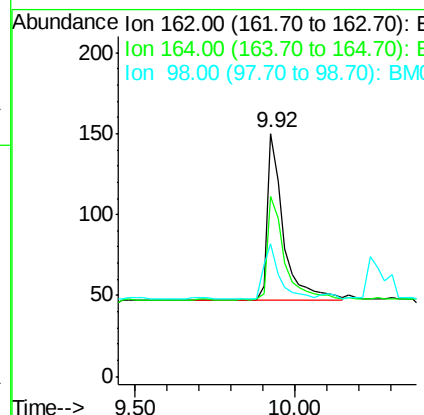
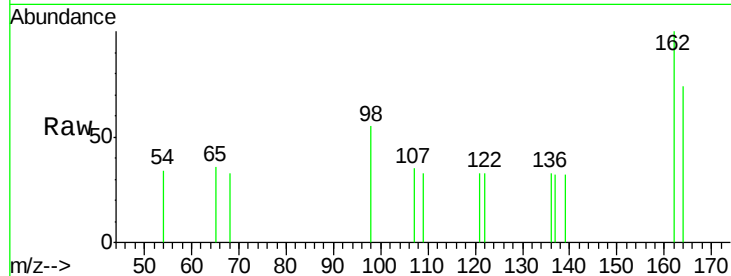




#13
 2,4-Dichlorophenol
 Concen: 0.17 ng
 RT: 9.92 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BM001231.D
 Acq: 06 May 2015 23:40

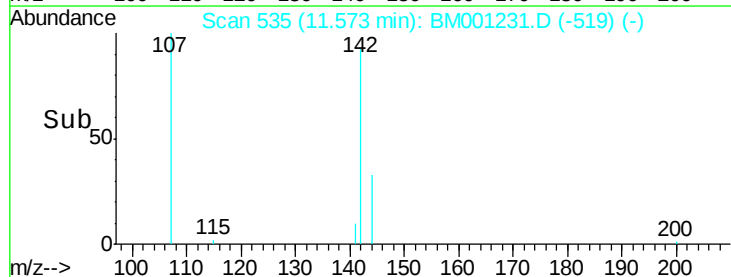
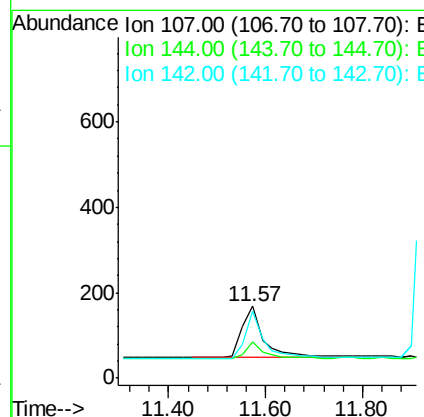
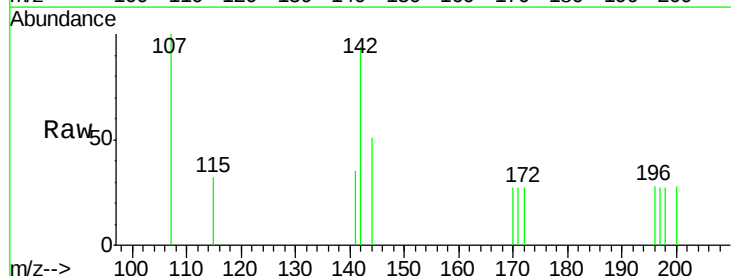
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

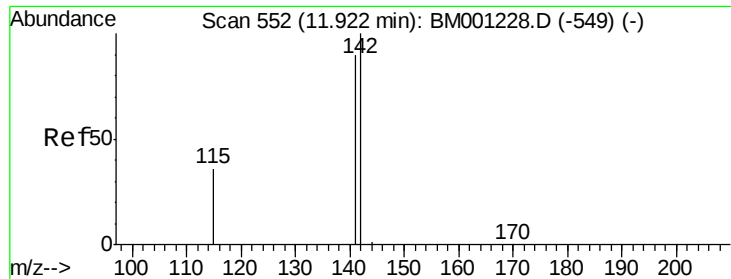
Tot Ion	Ratio	Lower	Upper
162	100		
164	74.0	49.2	89.2
98	54.7	0.0	37.4#



#14
 4-Chloro-3-methylphenol
 Concen: 0.17 ng
 RT: 11.57 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: BM001231.D
 Acq: 06 May 2015 23:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	50.6	16.2	24.2#
142	94.0	49.8	74.6#





#15

2-Methylnaphthalene

Concen: 0.19 ng

RT: 11.92 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

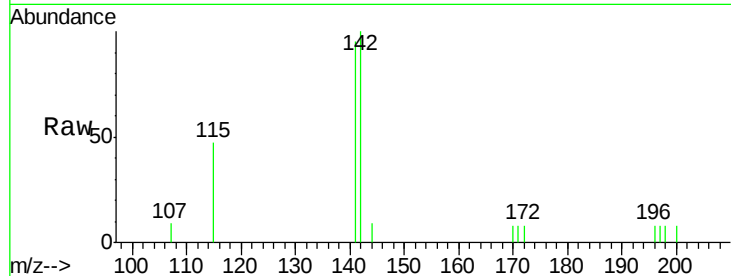
Tot Ion:142 Resp: 1161

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.0

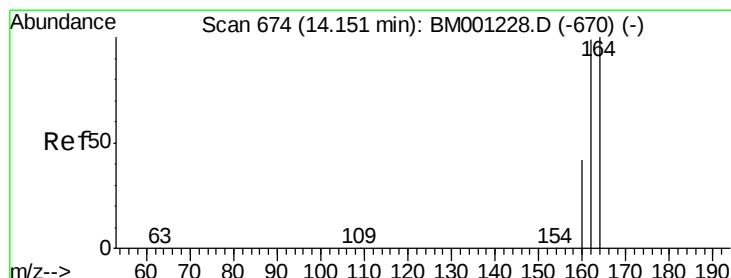
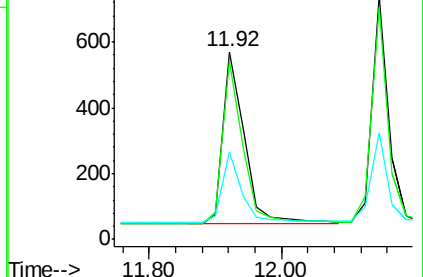
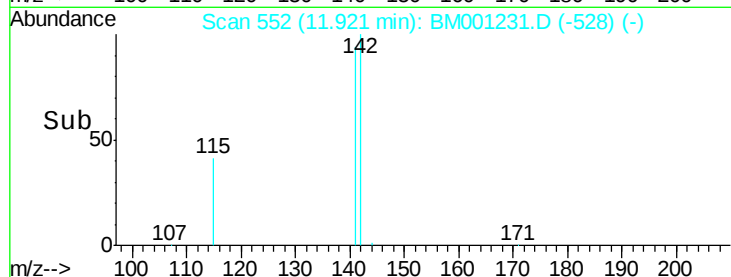
115 37.8 29.3 43.9



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: BM001231.D

Acq: 06 May 2015 23:40

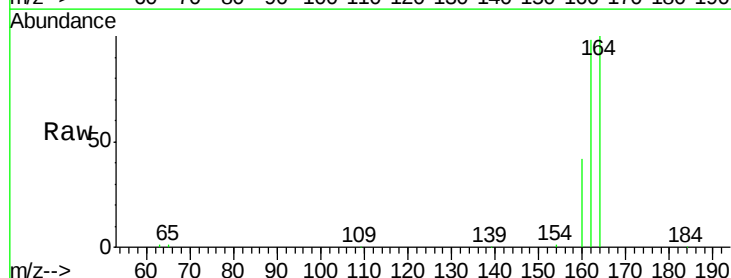
Tgt Ion:164 Resp: 22689

Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

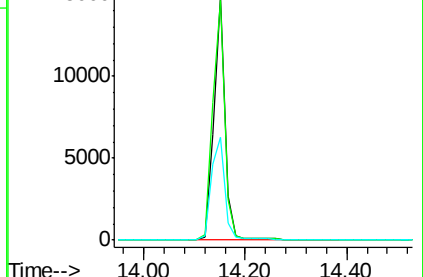
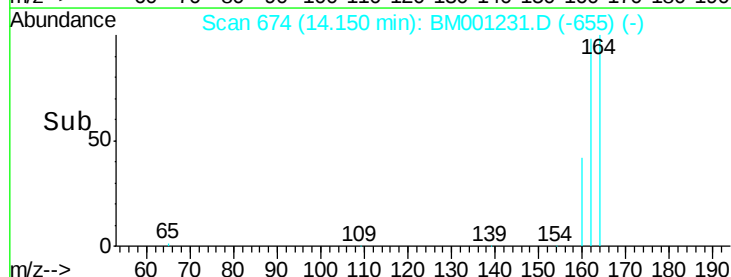
160 42.1 33.7 50.5

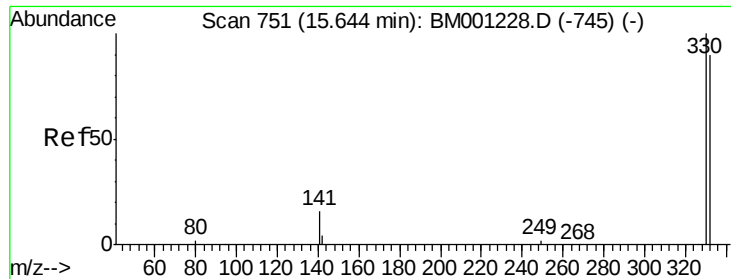


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

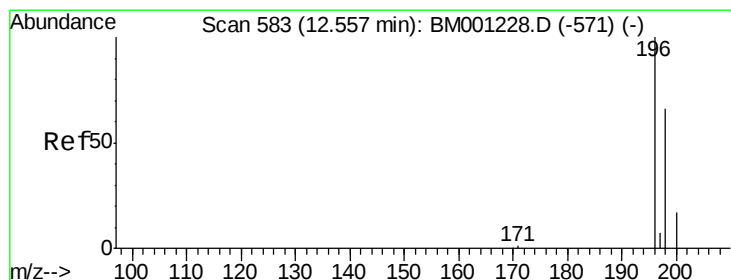
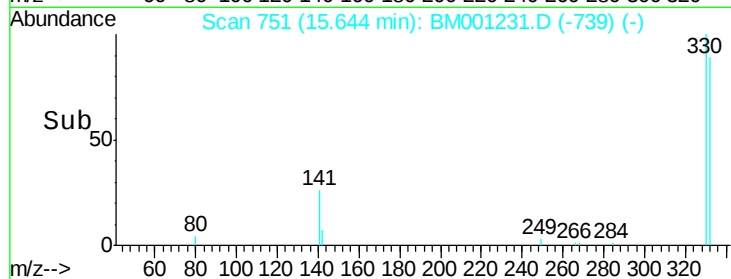
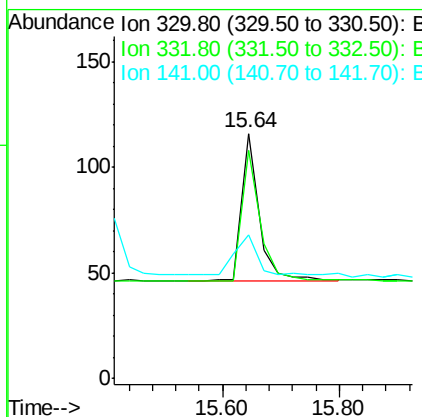
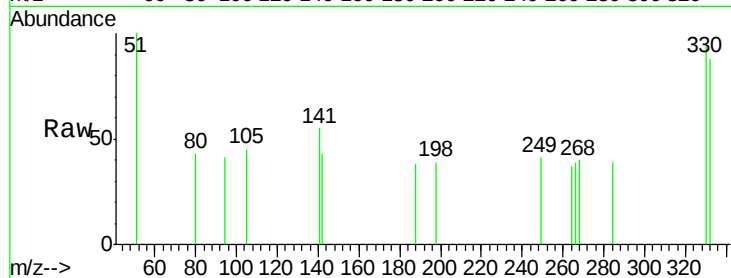




#17
 2,4,6-Tribromophenol
 Concen: 0.16 ng
 RT: 15.64 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BM001231.D
 Acq: 06 May 2015 23:40

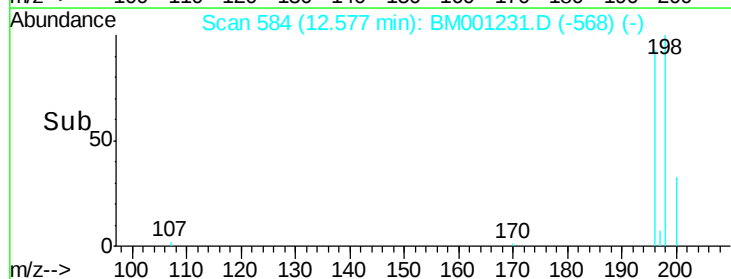
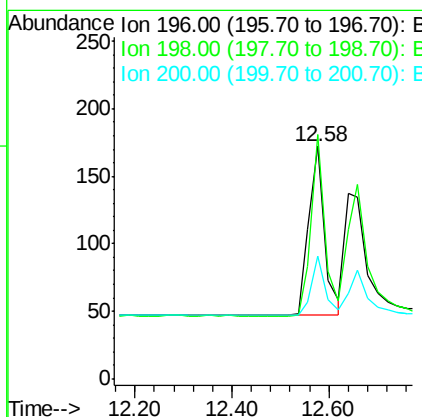
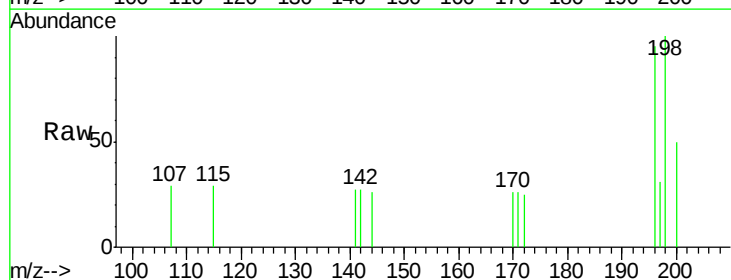
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

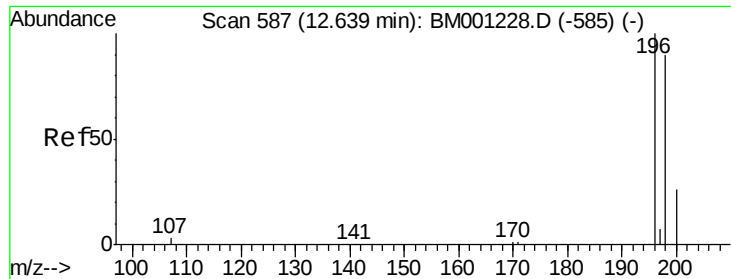
Tot Ion:330 Resp: 149
 Ion Ratio Lower Upper
 330 100
 332 90.6 74.0 111.0
 141 43.0 24.1 36.1#



#18
 2,4,6-Trichlorophenol
 Concen: 0.17 ng
 RT: 12.58 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BM001231.D
 Acq: 06 May 2015 23:40

Tgt Ion:196 Resp: 280
 Ion Ratio Lower Upper
 196 100
 198 105.2 54.2 81.2#
 200 52.9 17.1 25.7#

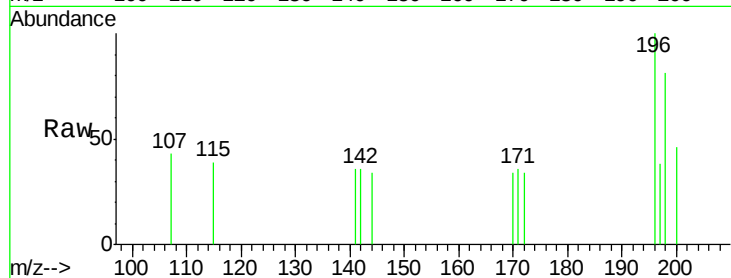




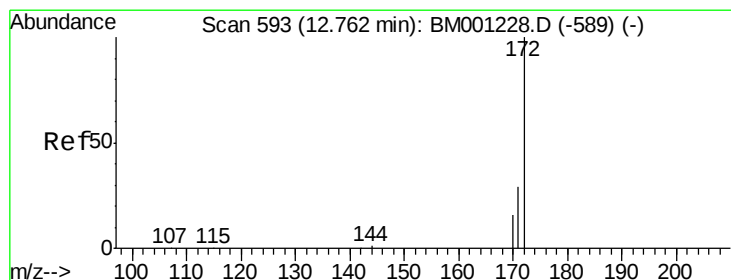
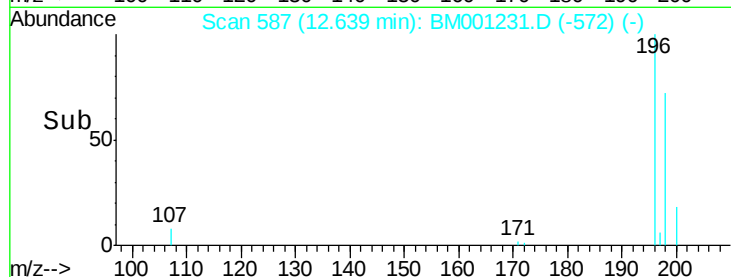
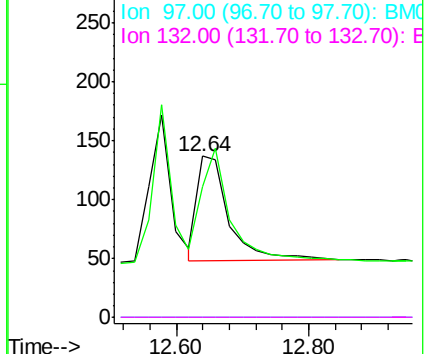
#19
2,4,5-Trichlorophenol
Concen: 0.16 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001231.D
Acq: 06 May 2015 23:40

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tot Ion:196	Resp:	299
Ion Ratio	Lower	Upper
196 100		
198 81.0	73.6	110.4
97 0.0	0.0	0.0
132 0.0	0.0	0.0

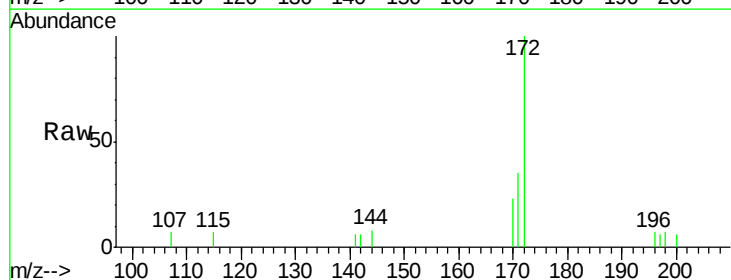


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

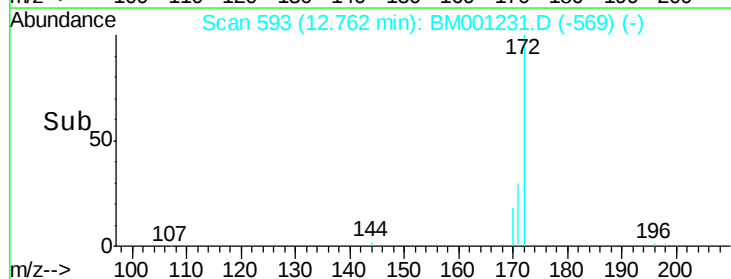
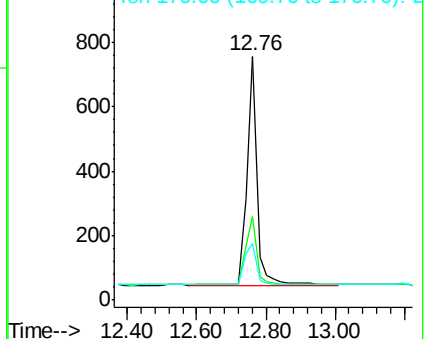


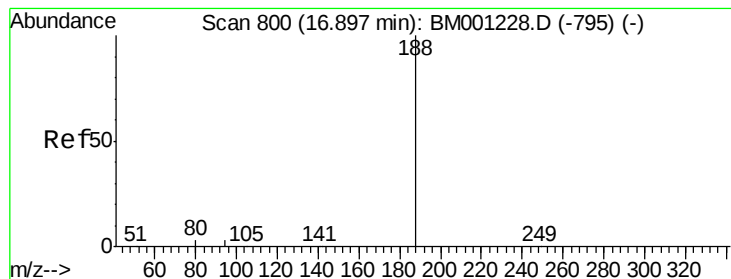
#20
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001231.D
Acq: 06 May 2015 23:40

Tgt Ion	172	Resp:	1437
Ion	Ratio	Lower	Upper
172	100		
171	32.8	0.0	0.0#
170	23.9	0.0	0.0#



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#23

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.90 min Scan# 800

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

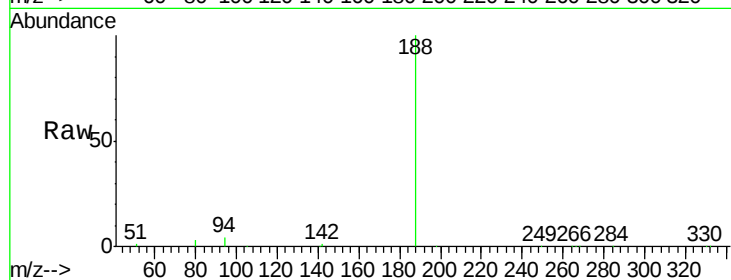
Tot Ion:188 Resp: 43823

Ion Ratio Lower Upper

188 100

94 3.8 2.9 4.3

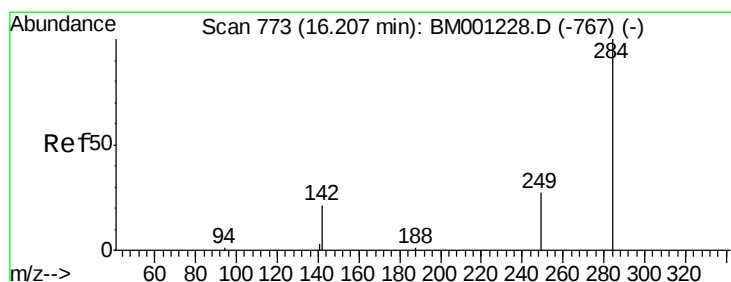
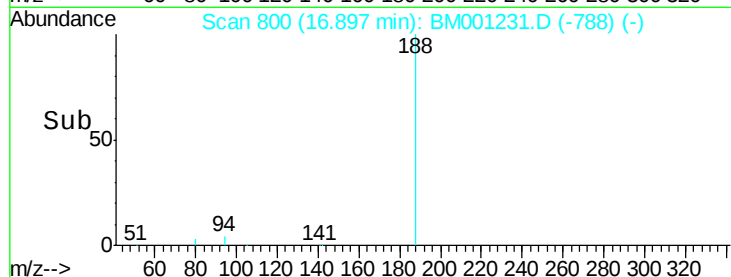
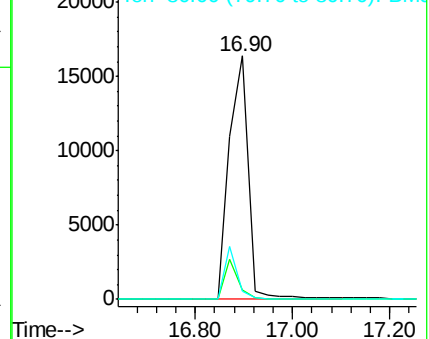
80 3.2 2.5 3.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#25

Hexachlorobenzene

Concen: 0.19 ng

RT: 16.21 min Scan# 773

Delta R.T. -0.00 min

Lab File: BM001231.D

Acq: 06 May 2015 23:40

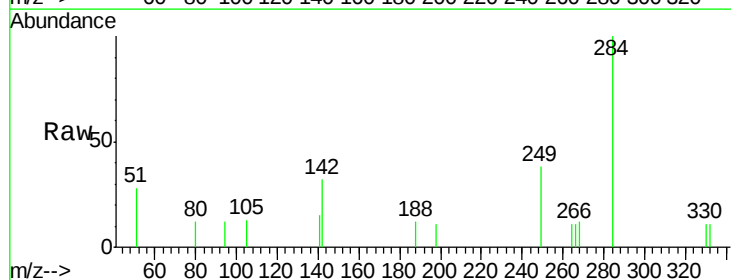
Tgt Ion:284 Resp: 612

Ion Ratio Lower Upper

284 100

142 31.0 23.3 34.9

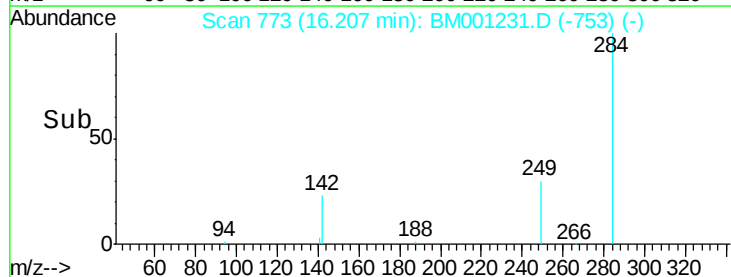
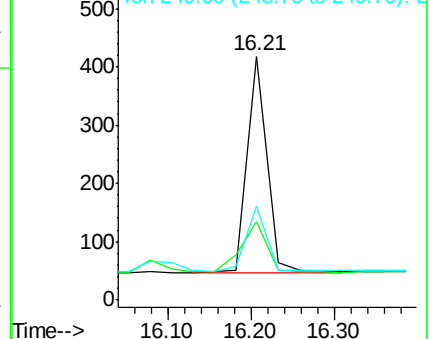
249 32.4 23.3 34.9

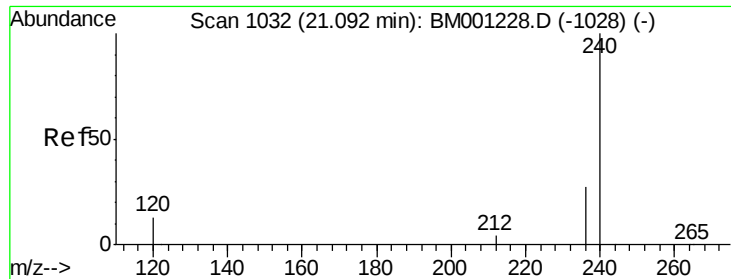


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

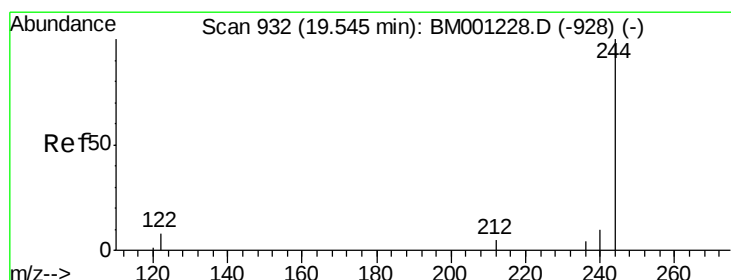
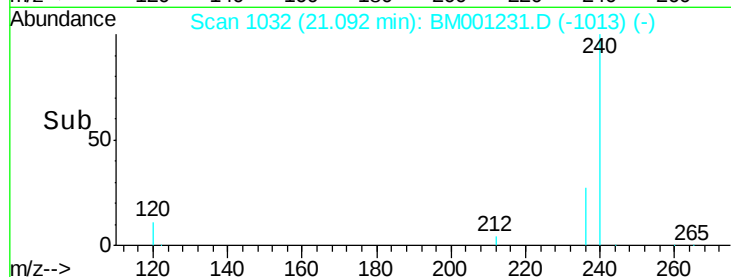
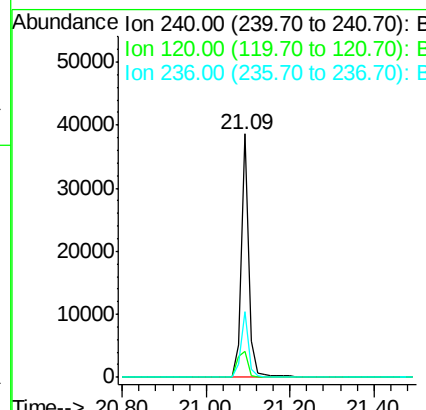
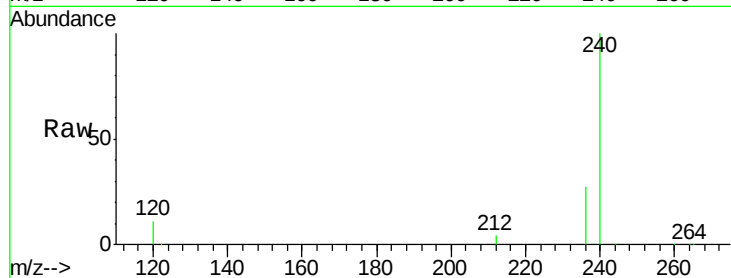




#27
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BM001231.D
 Acq: 06 May 2015 23:40

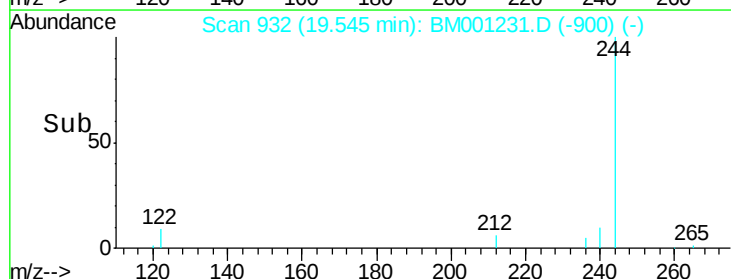
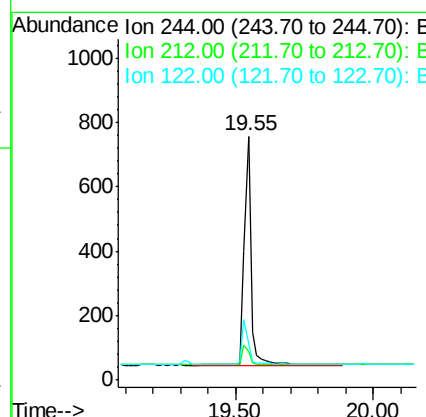
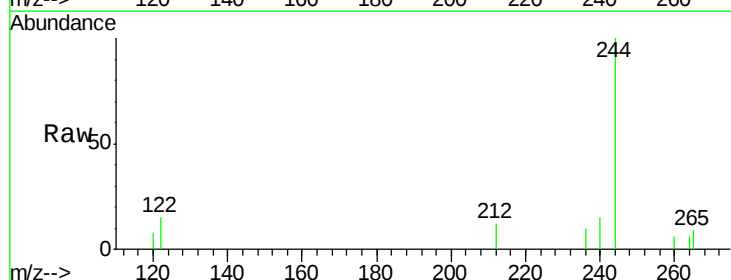
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

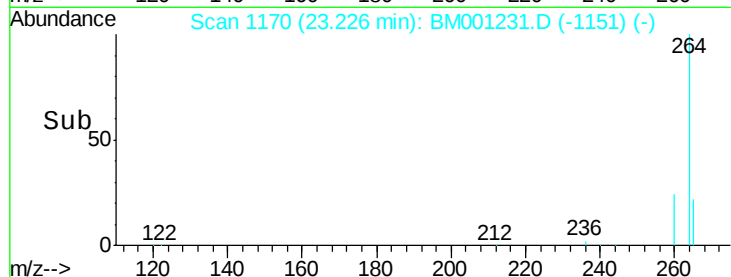
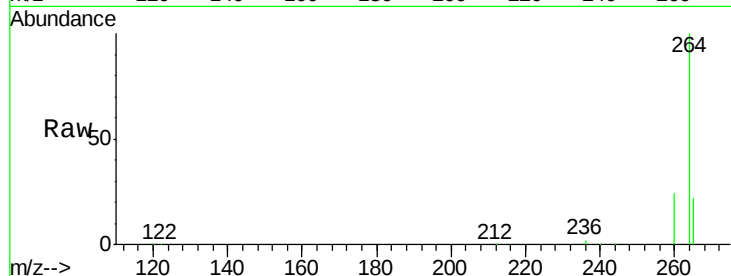
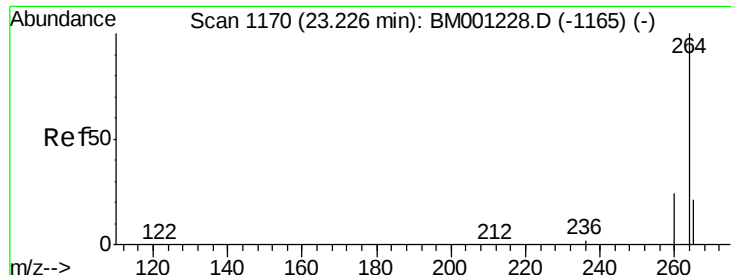
Tot Ion:240 Resp: 47927
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.4 15.6
 236 27.2 22.0 33.0



#28
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 19.55 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BM001231.D
 Acq: 06 May 2015 23:40

Tgt Ion:244 Resp: 1224
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.3 10.9
 122 17.7 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: BM001231.D

Acq: 06 May 2015 23:40

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

Tot Ion: 264 Resp: 44550

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 22.4 17.4 26.2

