

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
 Data File : BM004504.D
 Acq On : 01 Mar 2016 22:54
 Operator : SJ/UM
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC0.5

Quant Time: Mar 02 02:28:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 02:23:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20308	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	78140	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	40379	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	90568	5.00	ng	0.00
26) Chrysene-d12	21.23	240	74050	5.00	ng	0.00
35) Perylene-d12	23.45	264	69882	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2025	0.43	ng	0.02
5) Phenol-d6	6.83	99	2222	0.42	ng	0.02
8) Nitrobenzene-d5	8.81	82	1676	0.43	ng	0.02
14) 2,4,6-Tribromophenol	15.79	330	565	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	5965	0.48	ng	0.01
29) Terphenyl-d14	19.67	244	7645	0.77	ng	0.00

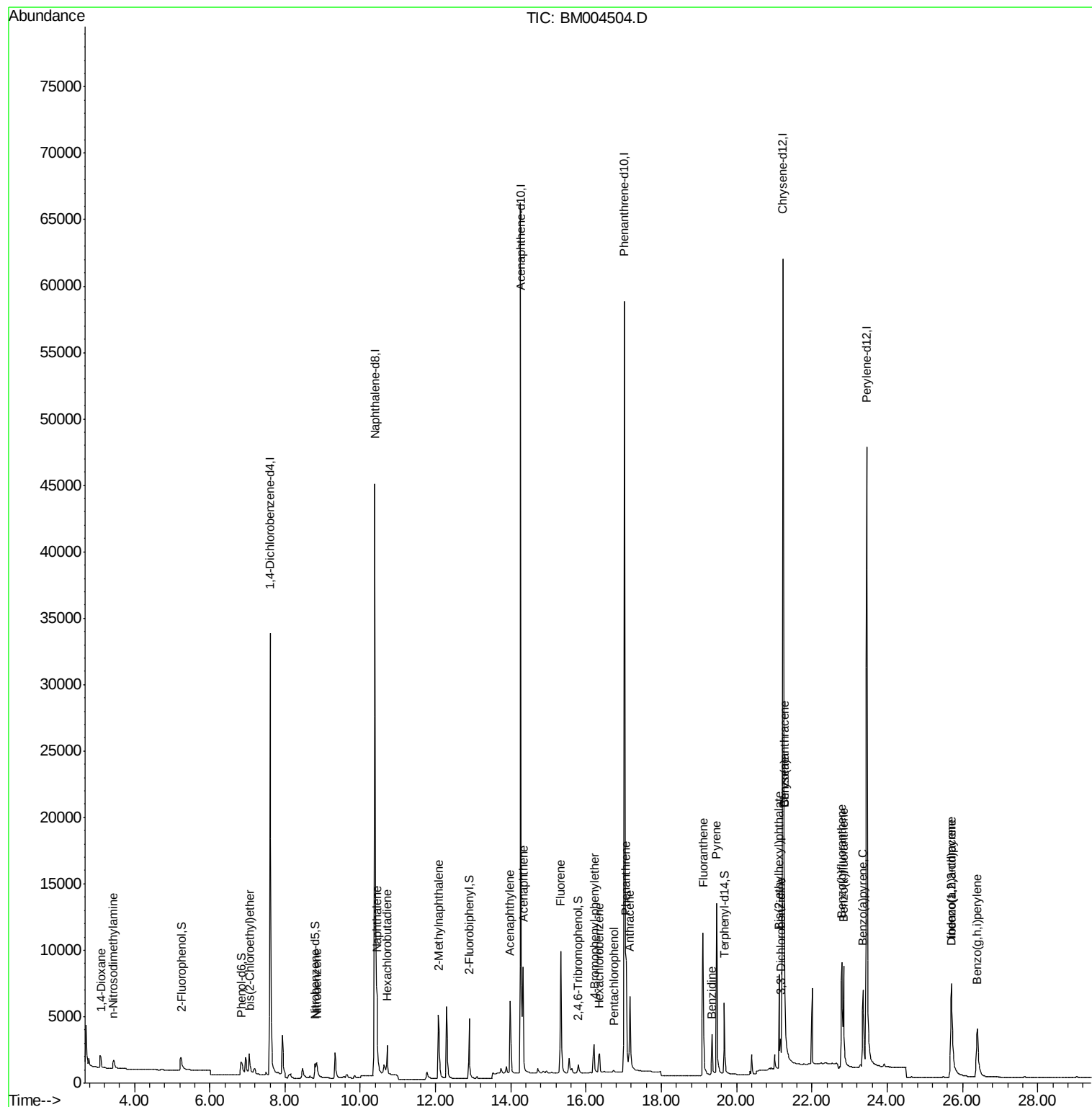
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1047	0.45	ng	93
3) n-Nitrosodimethylamine	3.43	42	694	0.35	ng	99
6) bis(2-Chloroethyl)ether	7.05	93	2003	0.37	ng	96
9) Nitrobenzene	8.85	77	1813	0.35	ng	100
10) Naphthalene	10.44	128	8851	0.37	ng	95
11) Hexachlorobutadiene	10.72	225	1529	0.43	ng	99
12) 2-Methylnaphthalene	12.08	142	5321	0.40	ng	96
16) Acenaphthylene	13.97	152	8543	0.38	ng	100
17) Acenaphthene	14.33	154	5729	0.39	ng	98
18) Fluorene	15.33	166	7077	0.40	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	1662	0.34	ng	# 99
21) Hexachlorobenzene	16.35	284	2011	0.37	ng	# 100
22) Pentachlorophenol	16.73	266	248	0.19	ng	95
23) Phenanthrene	17.06	178	10751	0.34	ng	100
24) Anthracene	17.17	178	9081	0.35	ng	95
25) Fluoranthene	19.11	202	14238	0.43	ng	99
27) Benzidine	19.33	184	2349	0.30	ng	# 75
28) Pyrene	19.47	202	15033	0.52	ng	100
30) Benzo(a)anthracene	21.27	228	12828	0.47	ng	97
31) 3,3'-Dichlorobenzidine	21.16	252	3457	0.22	ng	# 93
32) Chrysene	21.27	228	14274	0.26	ng	99
33) Bis(2-ethylhexyl)phthalate	21.12	149	8315	0.41	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.71	276	10159	0.41	ng	100
36) Benzo(b)fluoranthene	22.80	252	11323	0.43	ng	97
37) Benzo(k)fluoranthene	22.84	252	11450	0.43	ng	98
38) Benzo(a)pyrene	23.36	252	10395	0.43	ng	97
39) Dibenzo(a,h)anthracene	25.72	278	7922	0.38	ng	97
40) Benzo(g,h,i)perylene	26.39	276	9082	0.40	ng	98

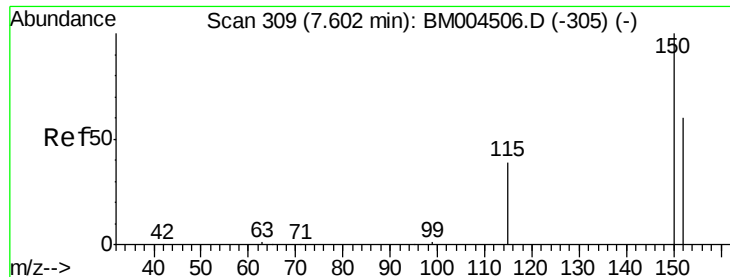
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 02:28:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030116.M
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QLast Update : Wed Mar 02 02:23:16 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

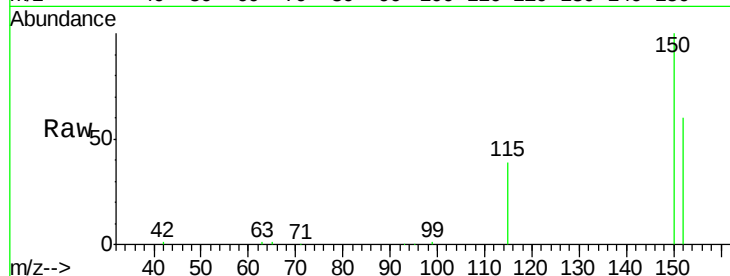
Tgt Ion:152 Resp: 20308

Ion Ratio Lower Upper

152 100

150 167.5 132.4 198.6

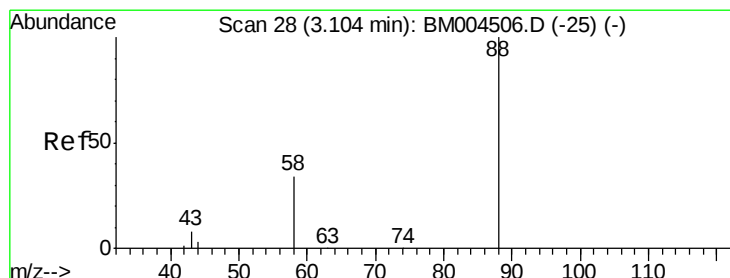
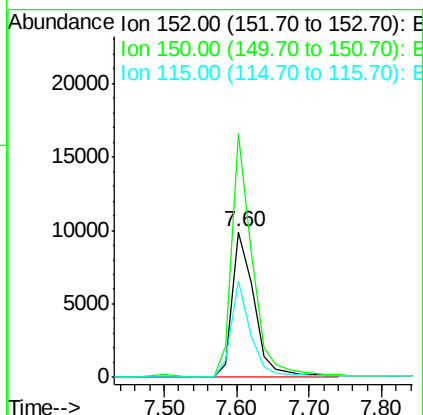
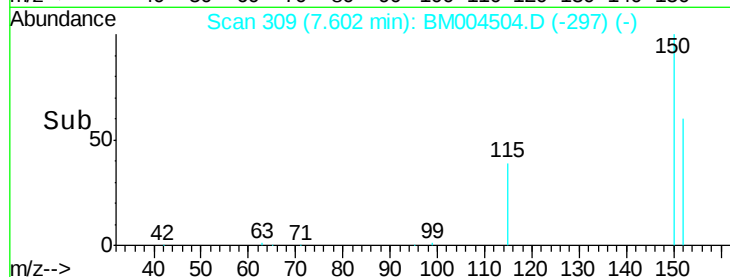
115 66.0 51.4 77.2



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: 0.45 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

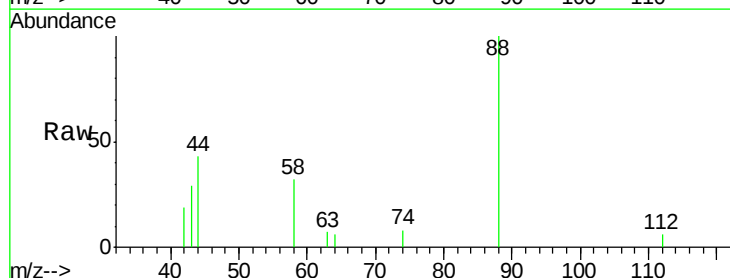
Tgt Ion: 88 Resp: 1047

Ion Ratio Lower Upper

88 100

58 58.9 53.1 79.7

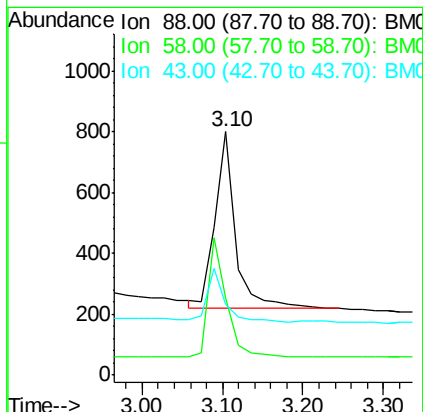
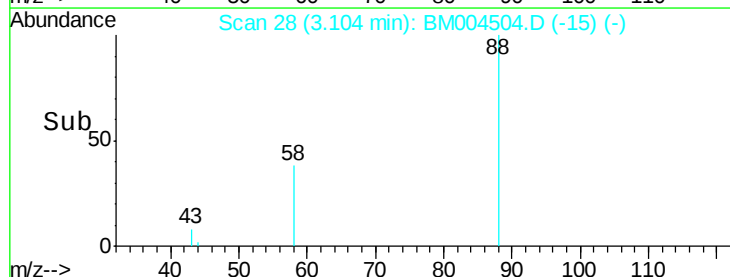
43 25.6 21.6 32.4

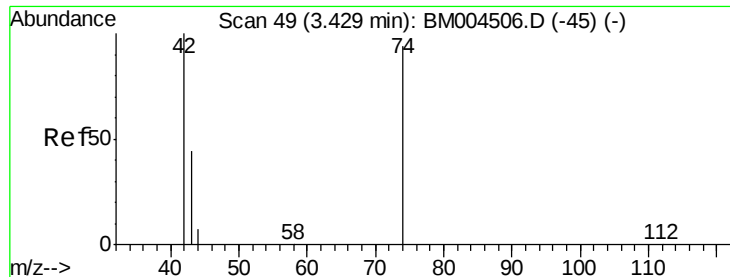


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC0.5

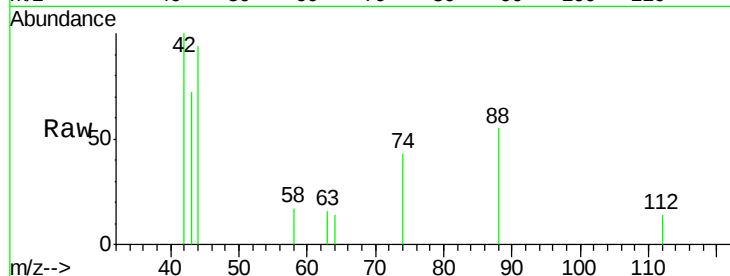
Tgt Ion: 42 Resp: 694

Ion Ratio Lower Upper

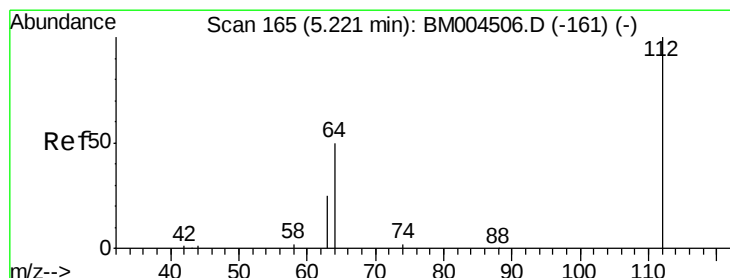
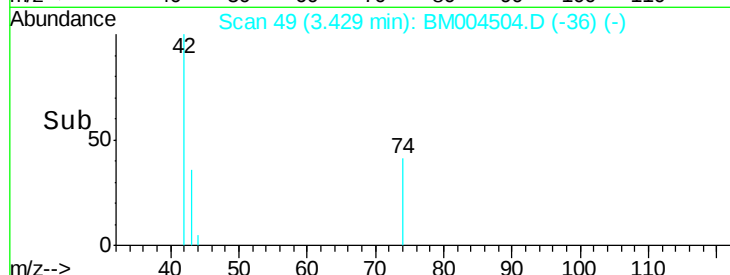
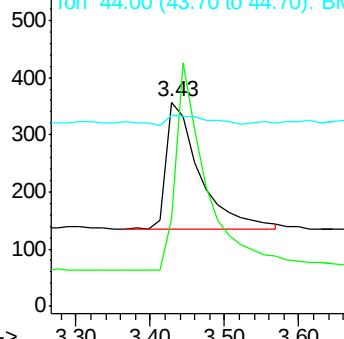
42 100

74 150.3 119.4 179.0

44 10.1 7.2 10.8



Abundance Ion 42.00 (41.70 to 42.70): BM004504.D (-36) (-)



#4

2-Fluorophenol

Concen: 0.43 ng

RT: 5.24 min Scan# 166

Delta R.T. 0.02 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

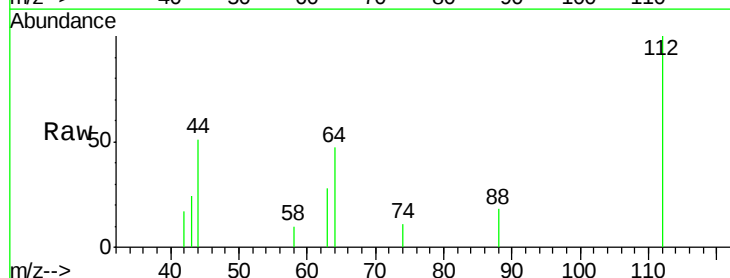
Tgt Ion: 112 Resp: 2025

Ion Ratio Lower Upper

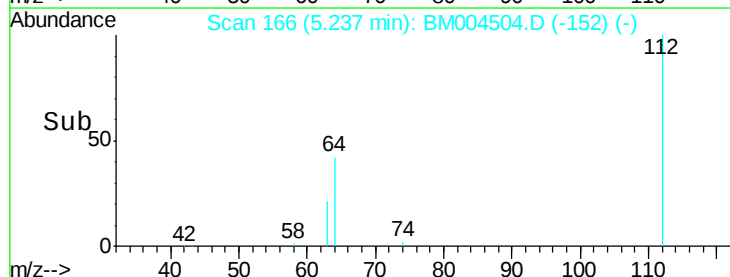
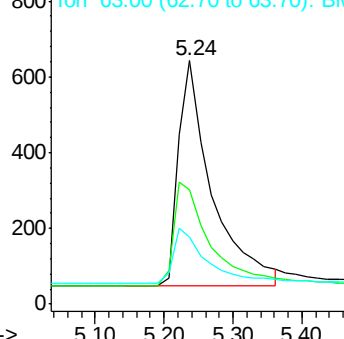
112 100

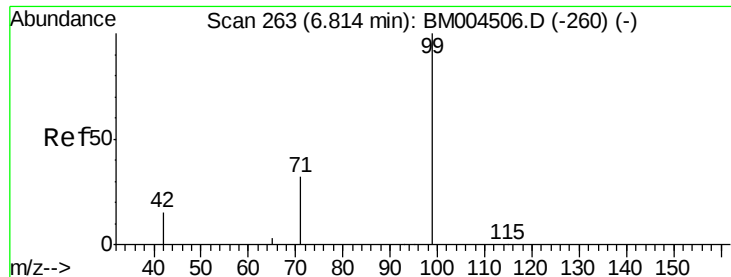
64 49.0 36.5 54.7

63 24.9 18.6 28.0



Abundance Ion 112.00 (111.70 to 112.70): BM004504.D (-152) (-)





#5

Phenol-d6

Concen: 0.42 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

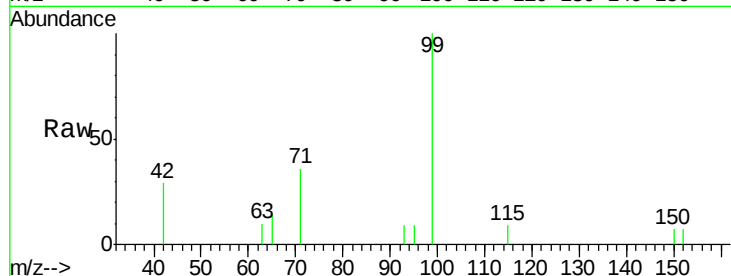
Tgt Ion: 99 Resp: 2222

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

71 29.7 23.5 35.3



Abundance Ion 99.00 (98.70 to 99.70): BM004504.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM004504.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM004504.D (-260) (-)

6.83

800

600

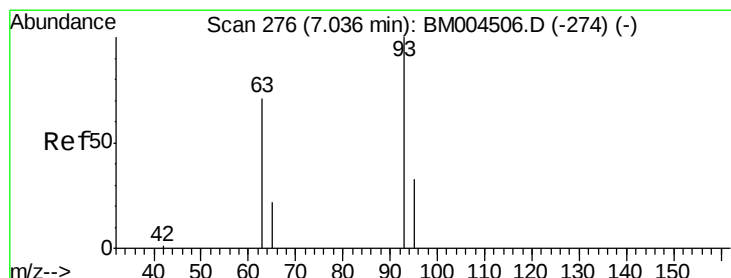
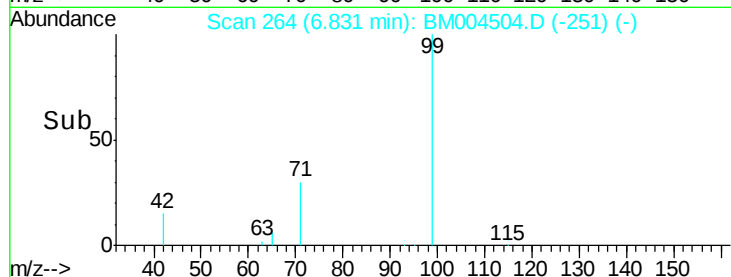
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.05 min Scan# 277

Delta R.T. 0.02 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

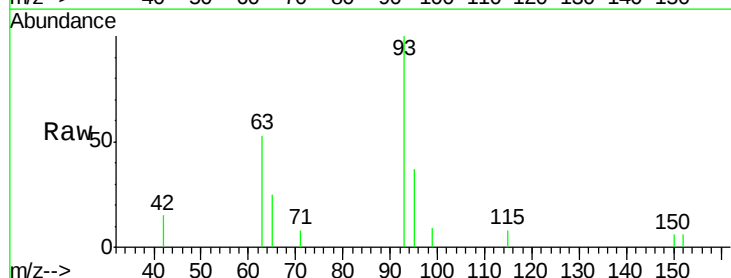
Tgt Ion: 93 Resp: 2003

Ion Ratio Lower Upper

93 100

63 66.5 50.0 75.0

95 33.1 25.3 37.9



Abundance Ion 93.00 (92.70 to 93.70): BM004504.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004504.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004504.D (-274) (-)

7.05

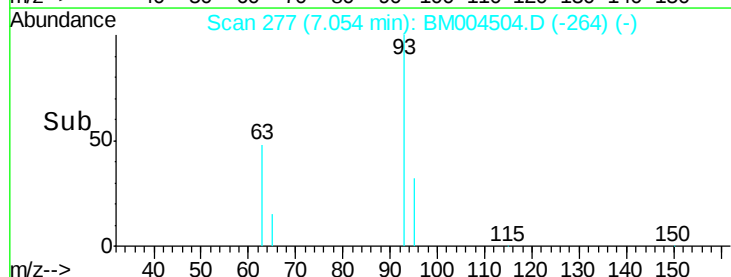
1000

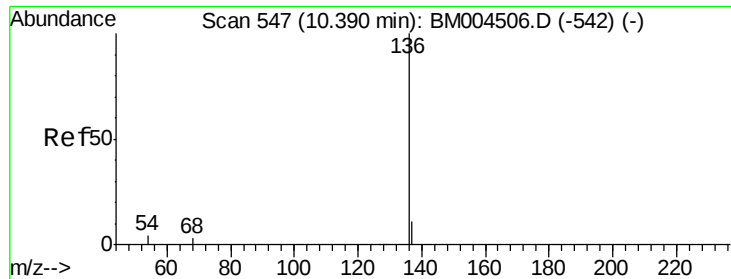
500

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

Tgt Ion:136 Resp: 78140

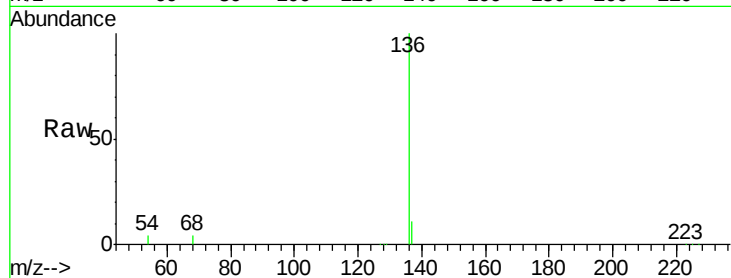
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 4.3 3.0 4.6

68 3.7 2.7 4.1

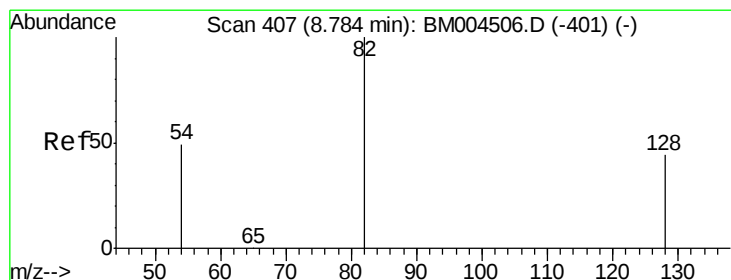
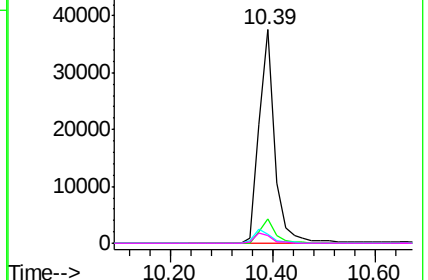
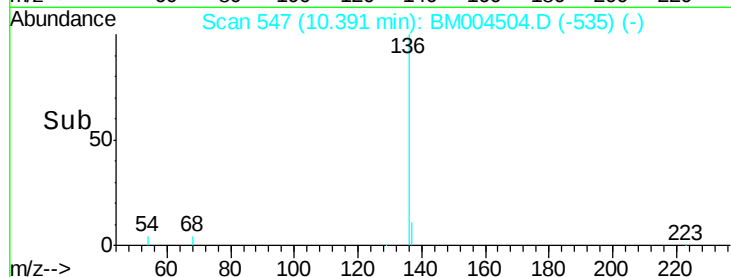


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.43 ng

RT: 8.81 min Scan# 409

Delta R.T. 0.02 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

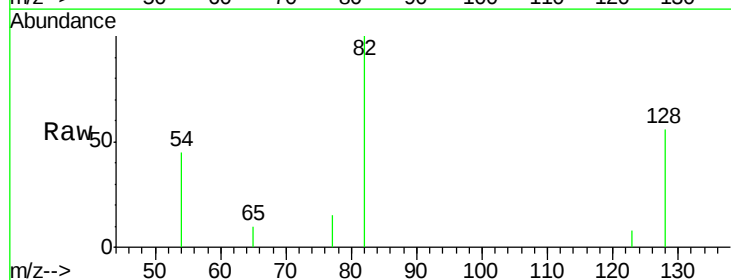
Tgt Ion: 82 Resp: 1676

Ion Ratio Lower Upper

82 100

128 56.1 36.6 55.0#

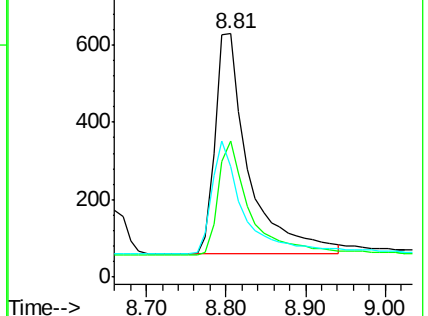
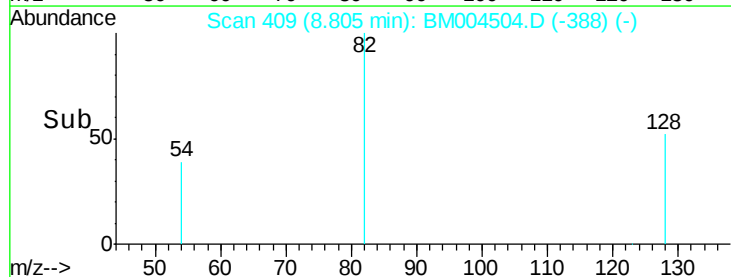
54 45.3 41.0 61.6

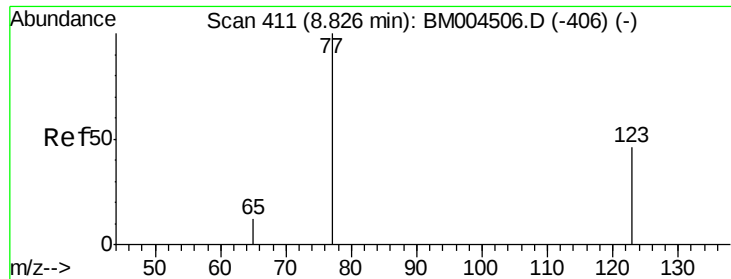


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.35 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.02 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

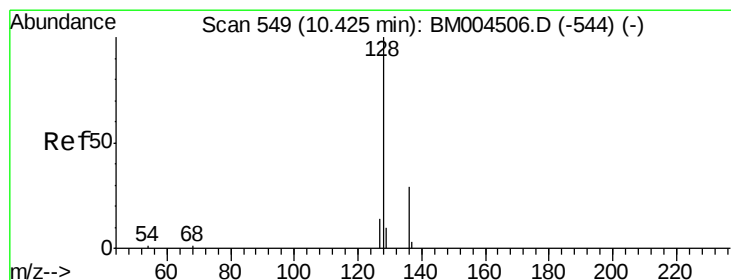
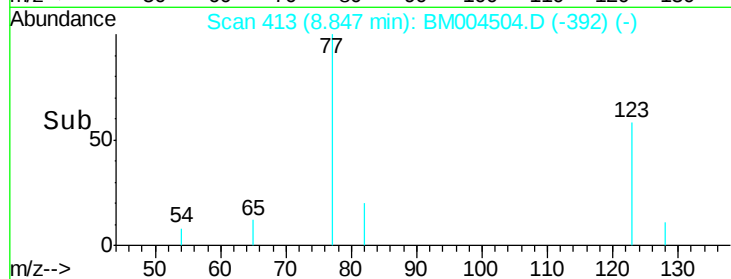
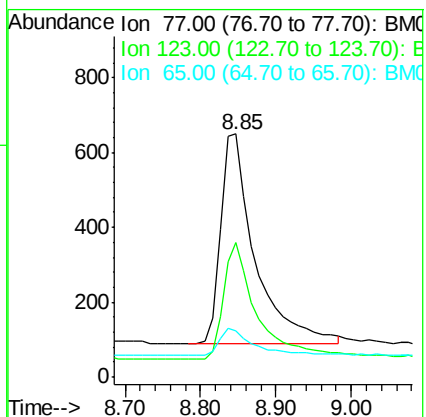
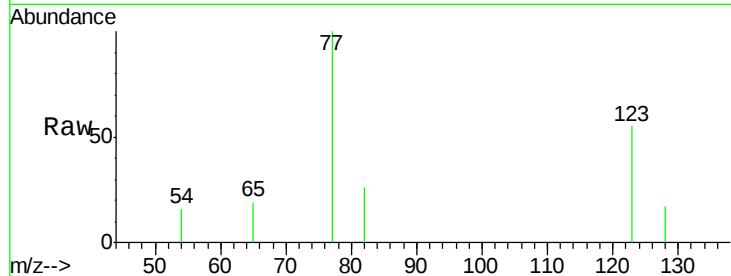
Tgt Ion: 77 Resp: 1813

Ion Ratio Lower Upper

77 100

123 52.7 42.3 63.5

65 13.0 10.1 15.1



#10

Naphthalene

Concen: 0.37 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.02 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

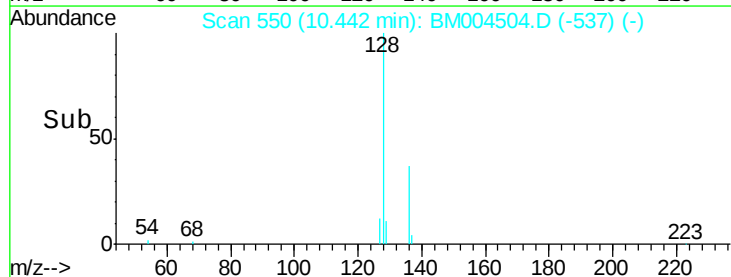
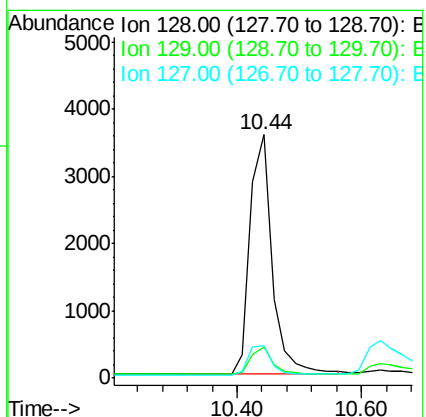
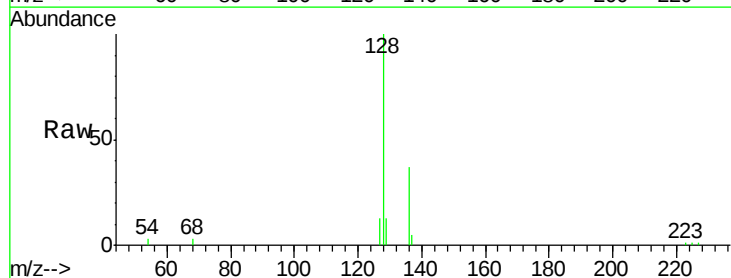
Tgt Ion: 128 Resp: 8851

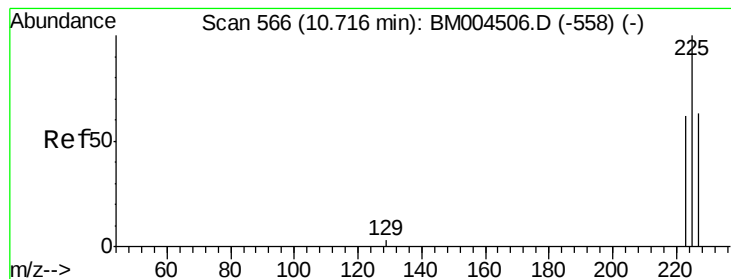
Ion Ratio Lower Upper

128 100

129 12.8 8.6 12.8

127 13.1 11.8 17.6





#11

Hexachlorobutadiene

Concen: 0.43 ng

RT: 10.72 min Scan# 566

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

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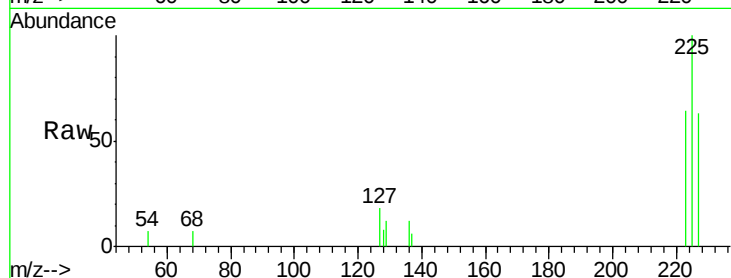
Tgt Ion:225 Resp: 1529

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

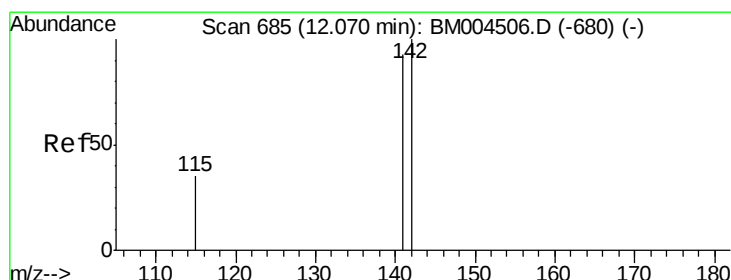
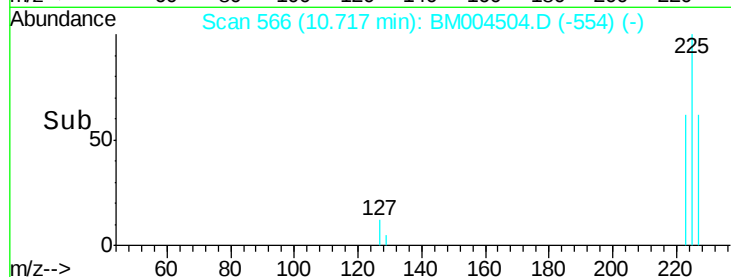
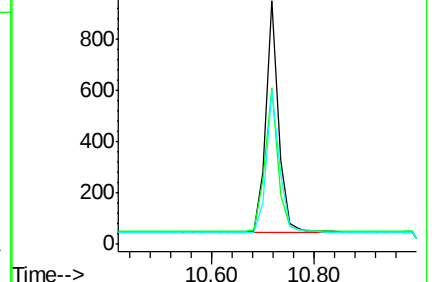
227 63.7 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.08 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

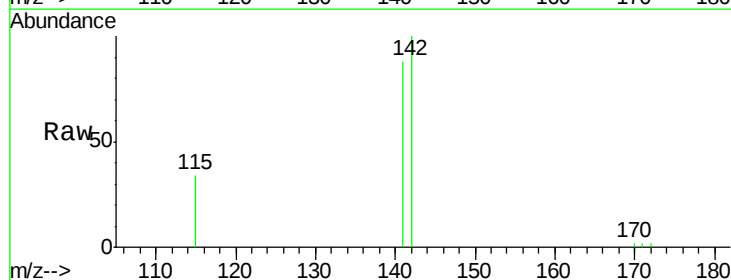
Tgt Ion:142 Resp: 5321

Ion Ratio Lower Upper

142 100

141 87.8 73.9 110.9

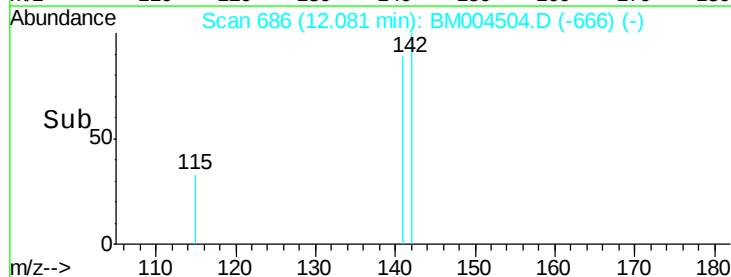
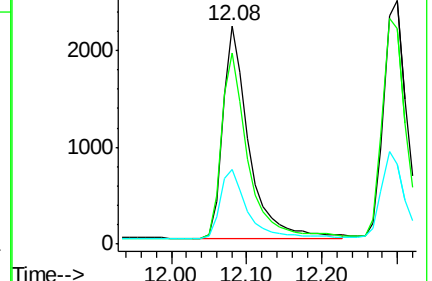
115 34.2 28.8 43.2

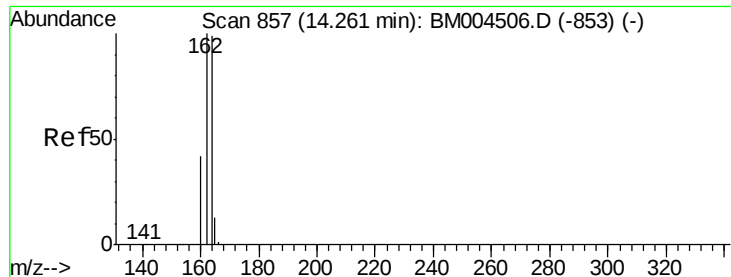


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

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ClientSampleId :

SSTDIC0.5

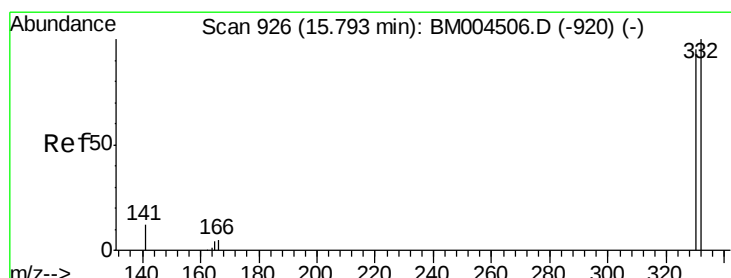
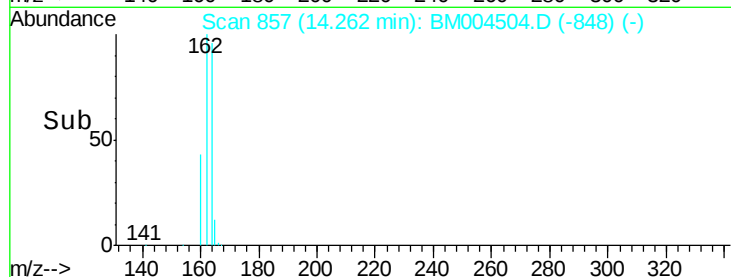
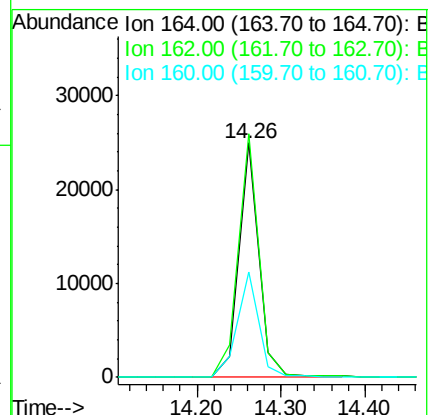
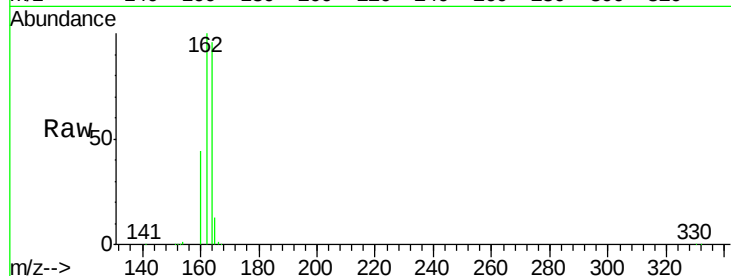
Tgt Ion:164 Resp: 40379

Ion Ratio Lower Upper

164 100

162 104.0 81.2 121.8

160 45.2 34.2 51.4



#14

2,4,6-Tribromophenol

Concen: 0.38 ng

RT: 15.79 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

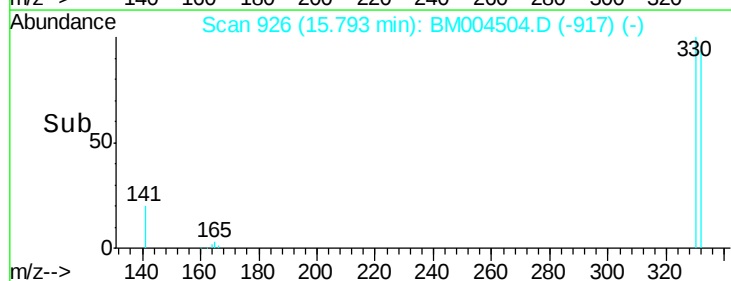
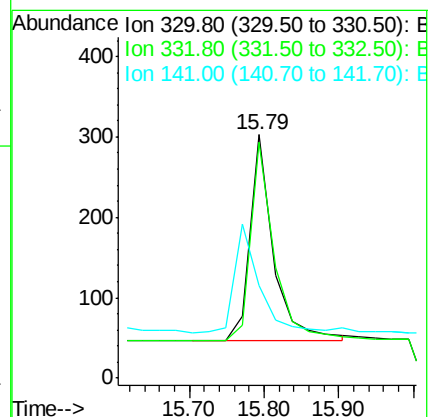
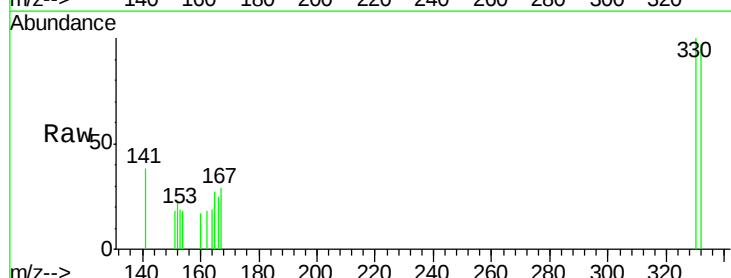
Tgt Ion:330 Resp: 565

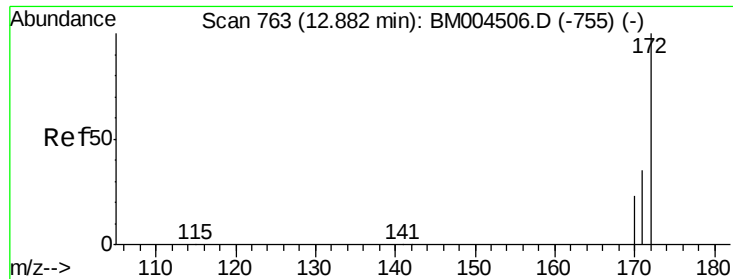
Ion Ratio Lower Upper

330 100

332 96.1 78.8 118.2

141 0.0 0.0 0.0

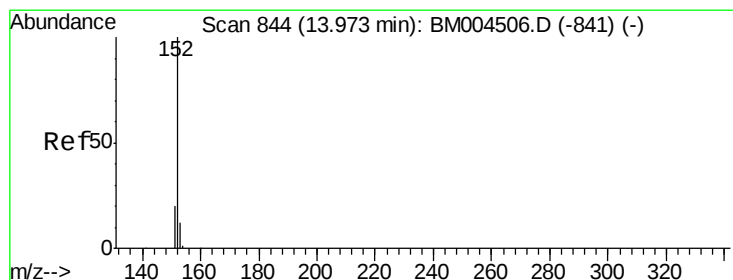
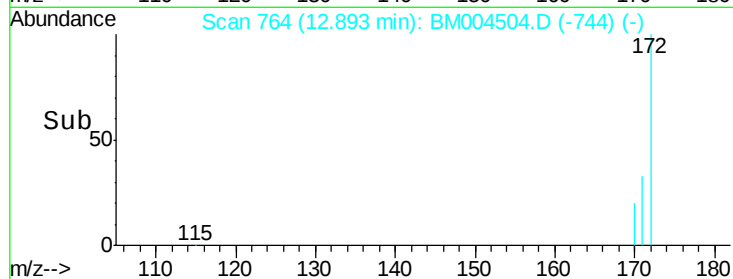
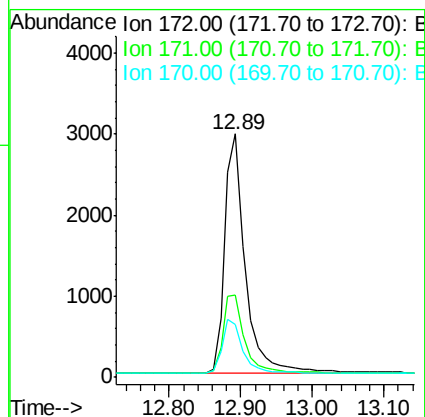
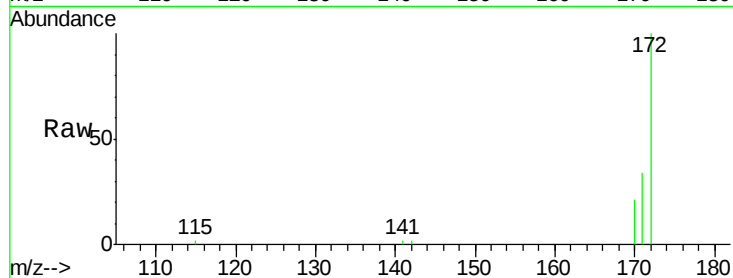




#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

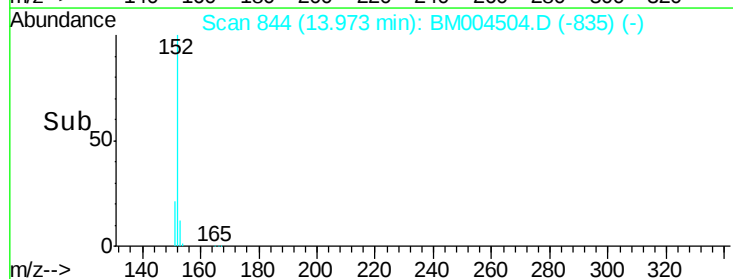
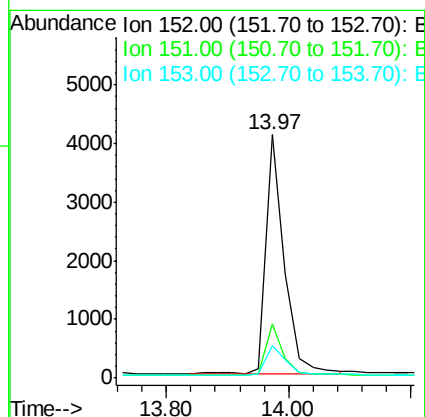
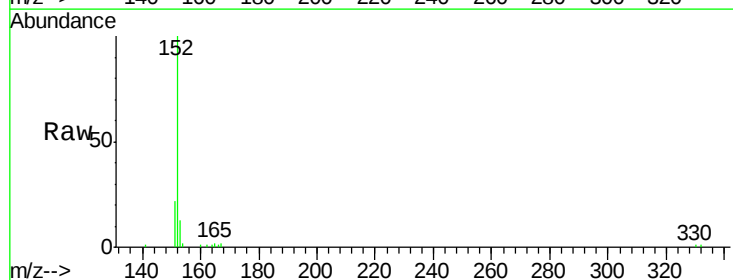
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.5

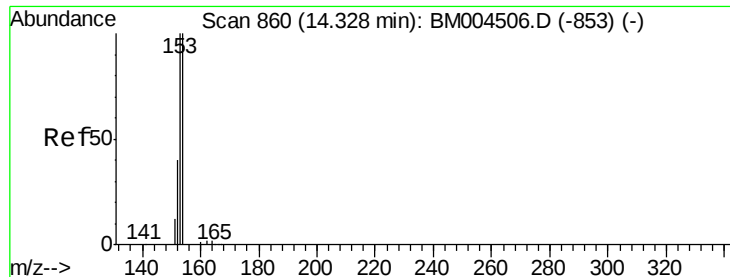
Tgt Ion:172 Resp: 5965
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 21.5 18.7 28.1



#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

Tgt Ion:152 Resp: 8543
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

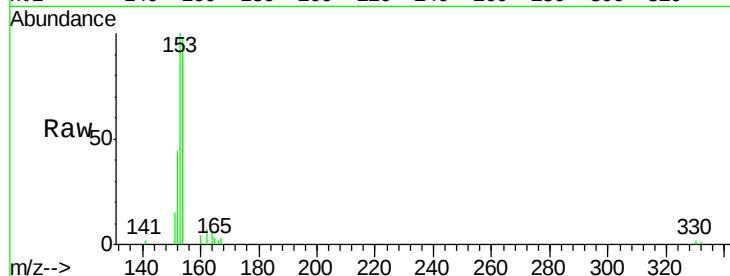
Tgt Ion:154 Resp: 5729

Ion Ratio Lower Upper

154 100

153 108.3 88.2 132.4

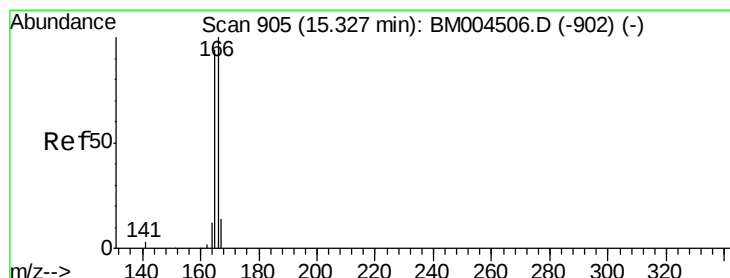
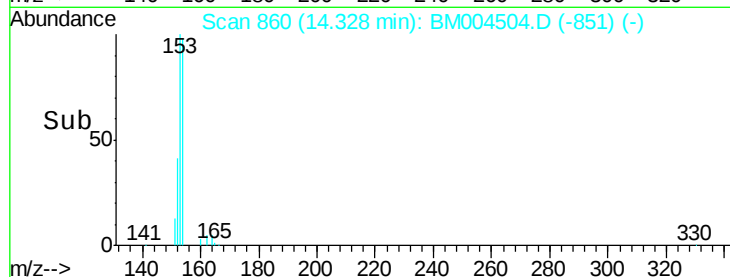
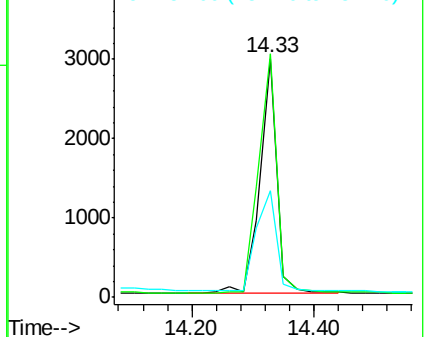
152 50.3 41.0 61.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.40 ng

RT: 15.33 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

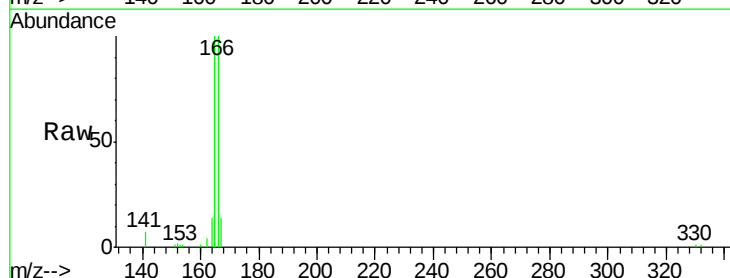
Tgt Ion:166 Resp: 7077

Ion Ratio Lower Upper

166 100

165 98.1 77.0 115.6

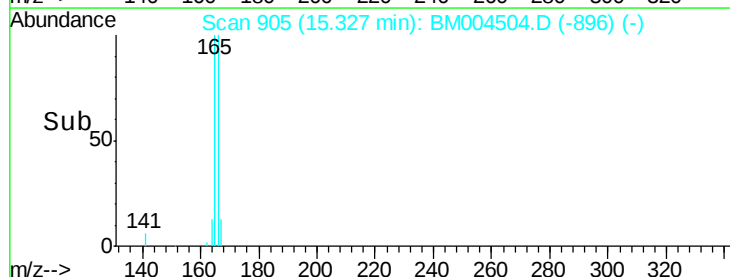
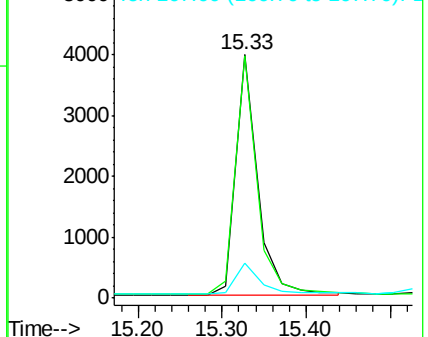
167 13.0 10.9 16.3

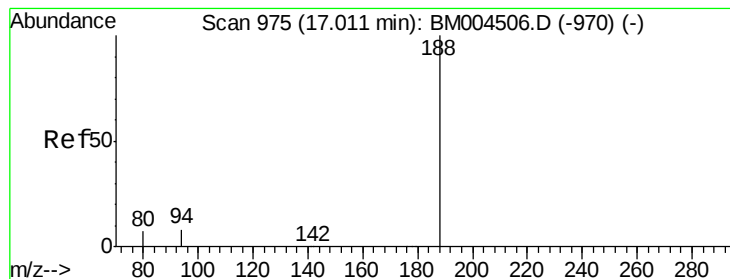


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

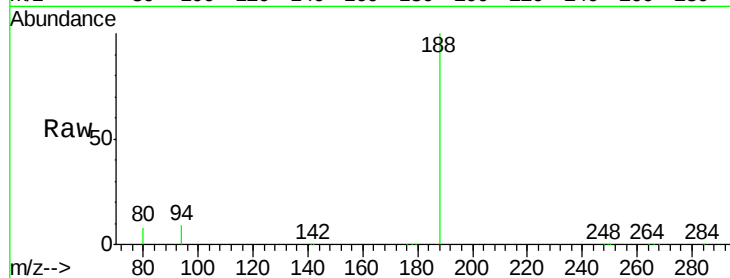
Tgt Ion:188 Resp: 90568

Ion Ratio Lower Upper

188 100

94 8.9 6.2 9.4

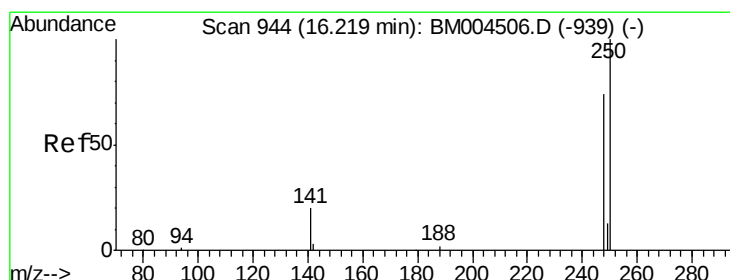
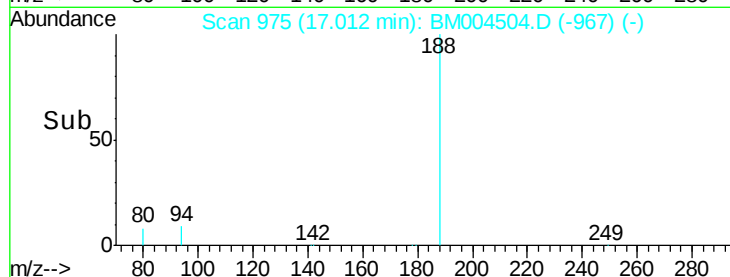
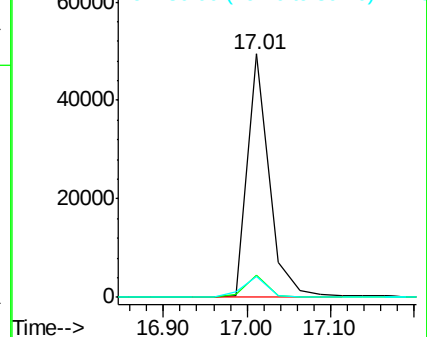
80 8.4 5.7 8.5



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



#20

4-Bromophenyl-phenylether

Concen: 0.34 ng

RT: 16.22 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

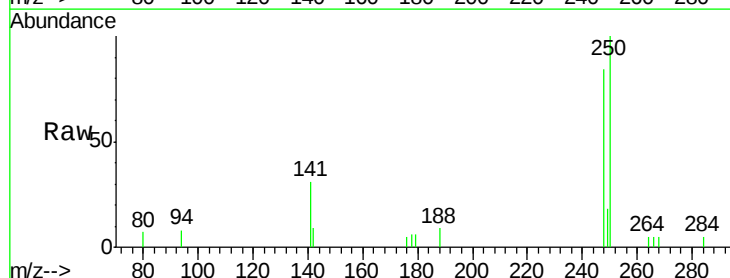
Tgt Ion:248 Resp: 1662

Ion Ratio Lower Upper

248 100

250 105.7 83.7 125.5

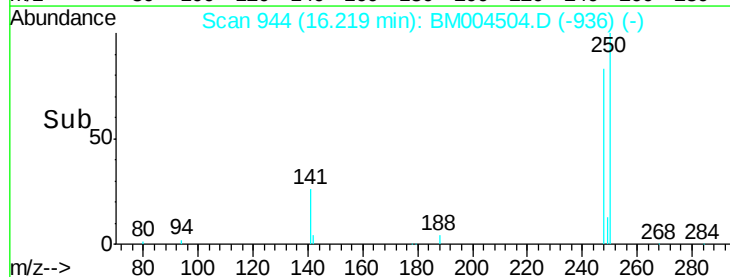
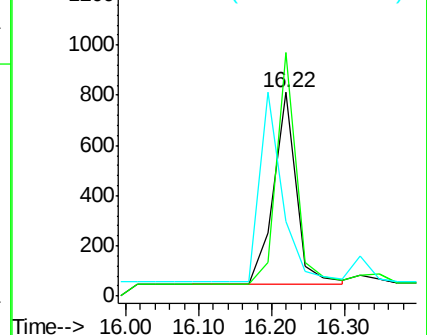
141 0.0 0.0 0.0

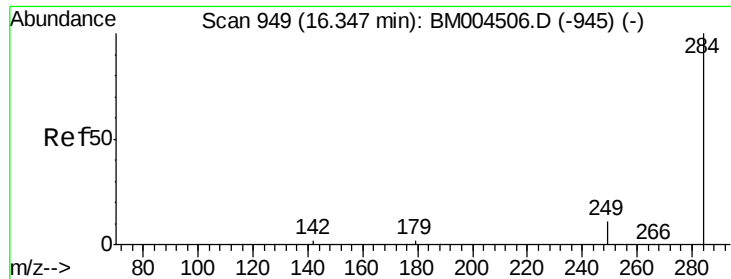


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

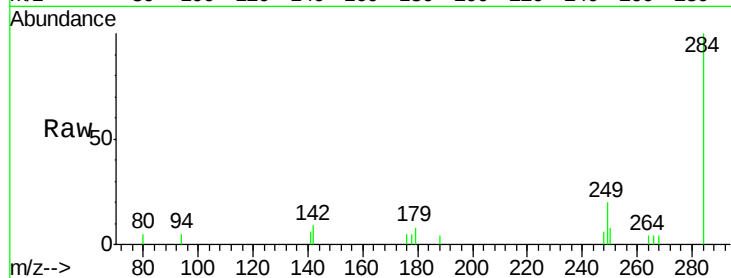




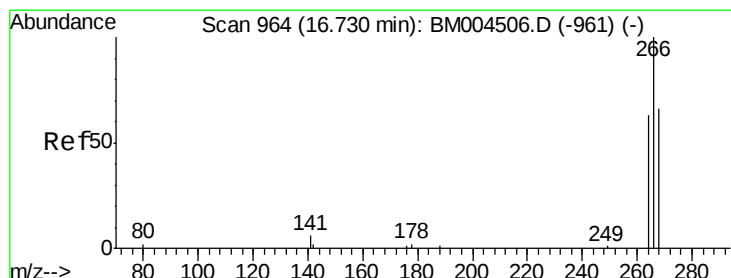
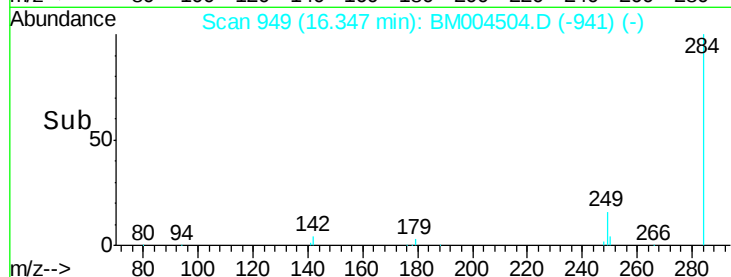
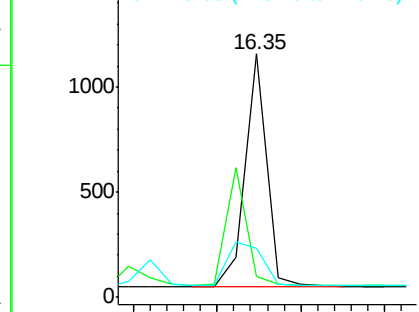
#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC0.5

Tgt Ion: 284 Resp: 2011
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

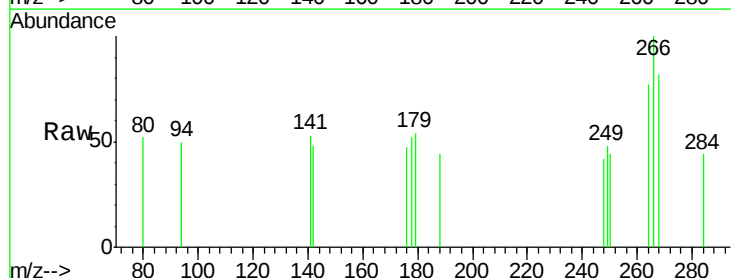


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

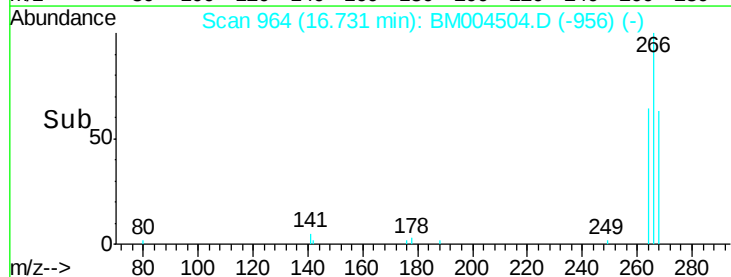
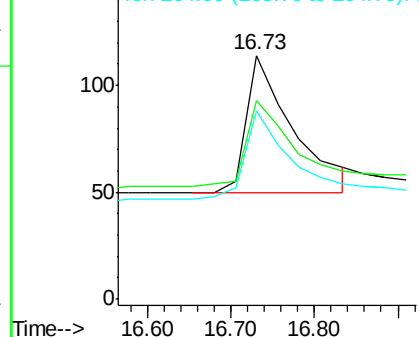


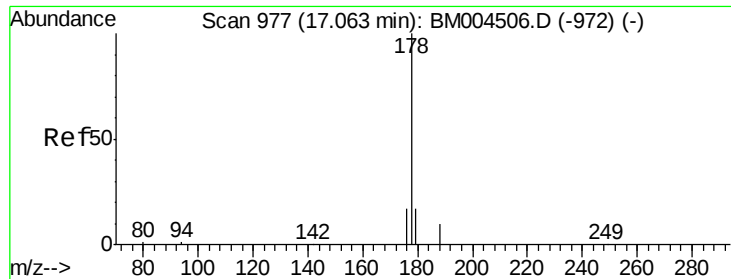
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

Tgt Ion: 266 Resp: 248
Ion Ratio Lower Upper
266 100
268 81.6 62.1 93.1
264 77.2 57.9 86.9



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

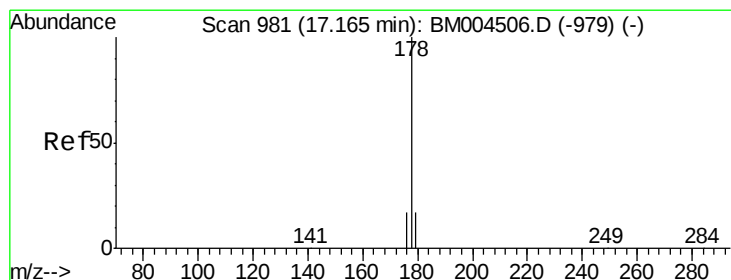
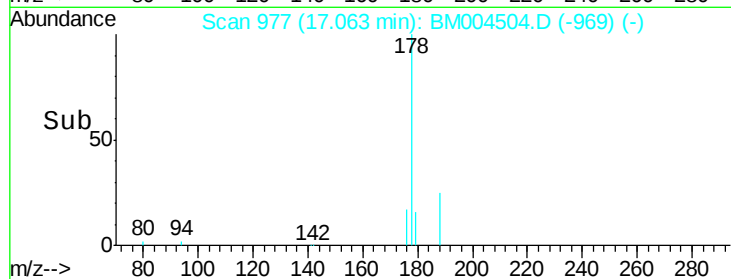
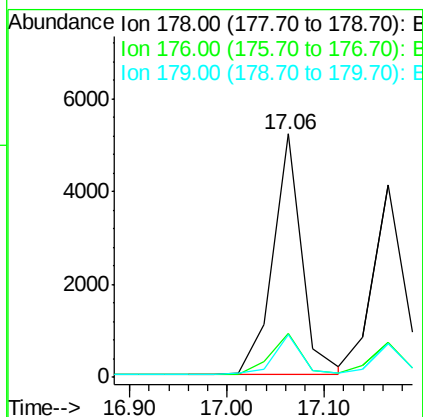
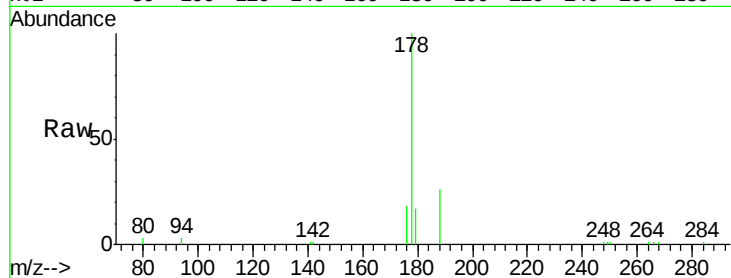




#23
Phenanthrene
Concen: 0.34 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

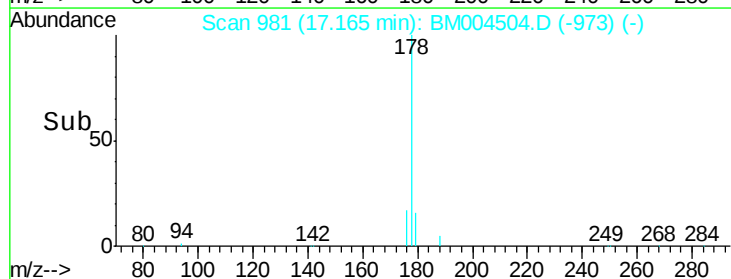
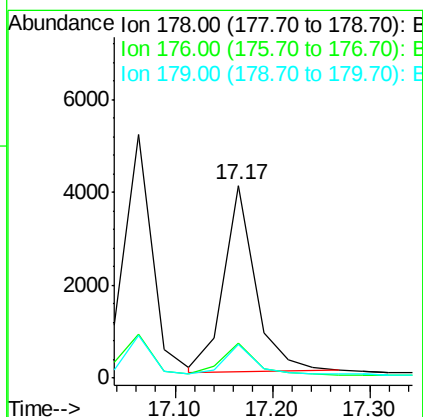
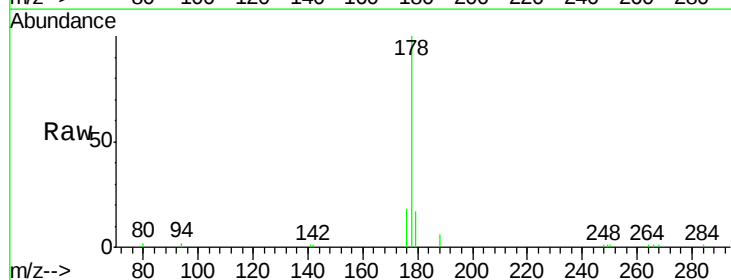
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.5

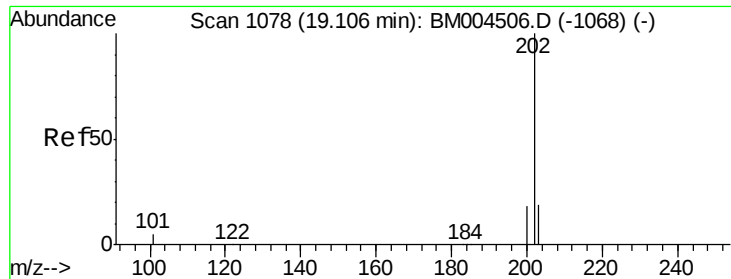
Tgt Ion:178 Resp: 10751
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 16.3 12.9 19.3



#24
Anthracene
Concen: 0.35 ng
RT: 17.17 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

Tgt Ion:178 Resp: 9081
Ion Ratio Lower Upper
178 100
176 18.3 12.7 19.1
179 15.1 10.4 15.6





#25

Fluoranthene

Concen: 0.43 ng

RT: 19.11 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

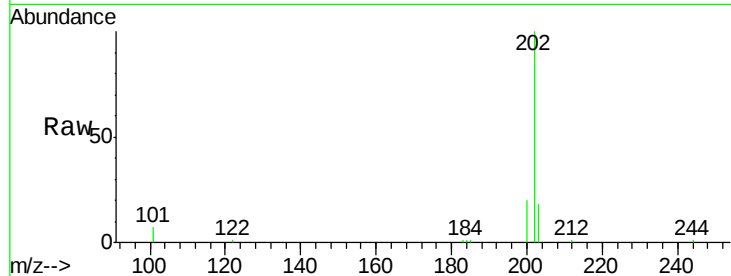
Tgt Ion:202 Resp: 14238

Ion Ratio Lower Upper

202 100

101 12.0 9.9 14.9

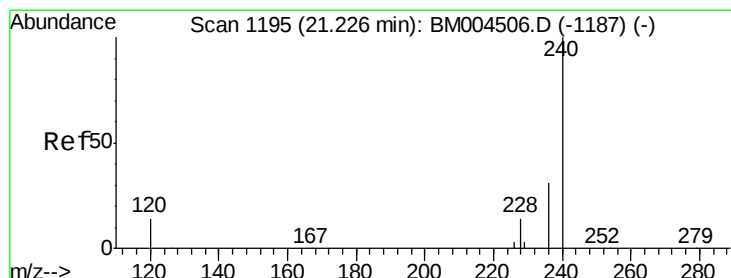
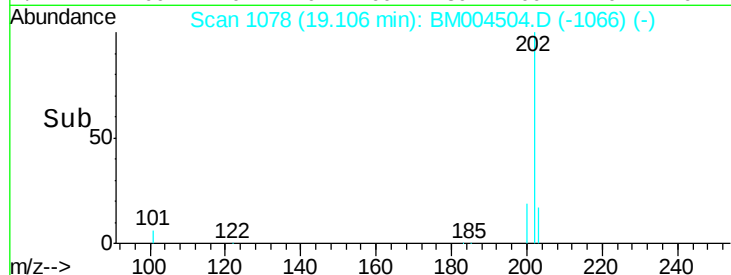
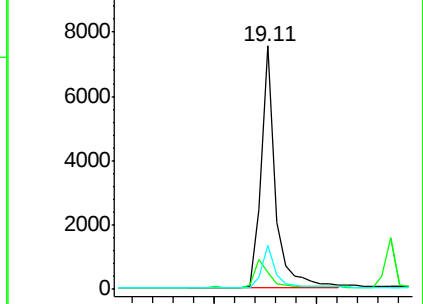
203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

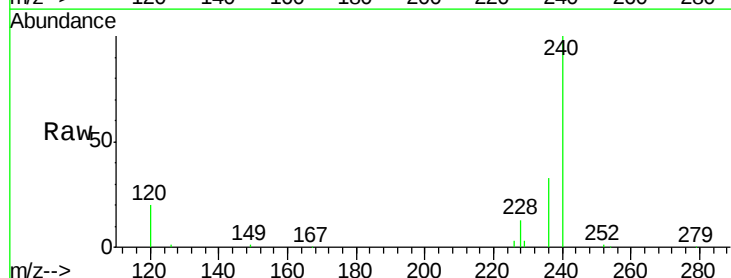
Tgt Ion:240 Resp: 74050

Ion Ratio Lower Upper

240 100

120 19.7 11.7 17.5#

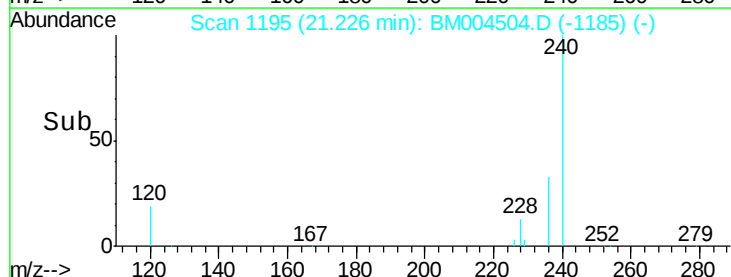
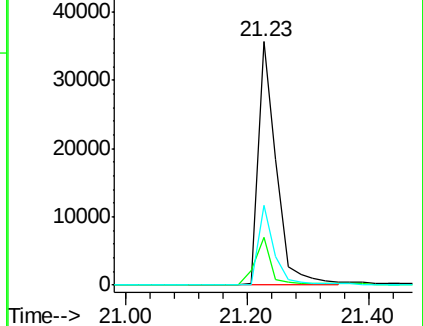
236 32.6 24.8 37.2

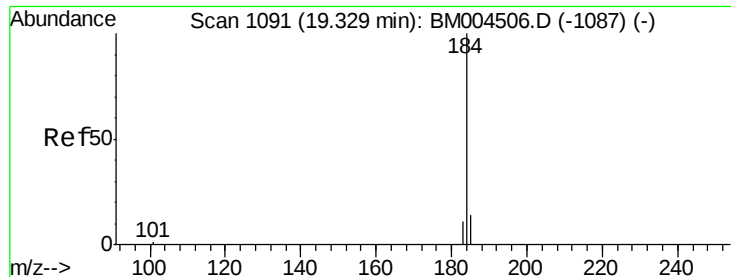


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.30 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

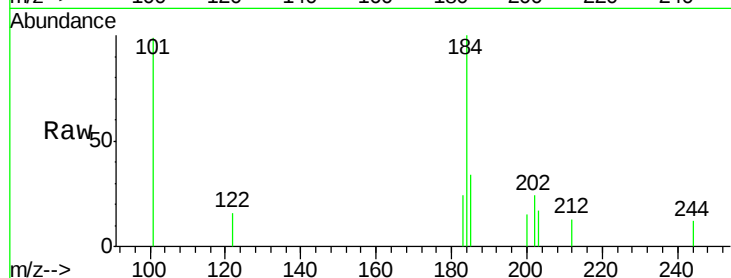
Tgt Ion:184 Resp: 2349

Ion Ratio Lower Upper

184 100

185 33.6 15.4 23.0#

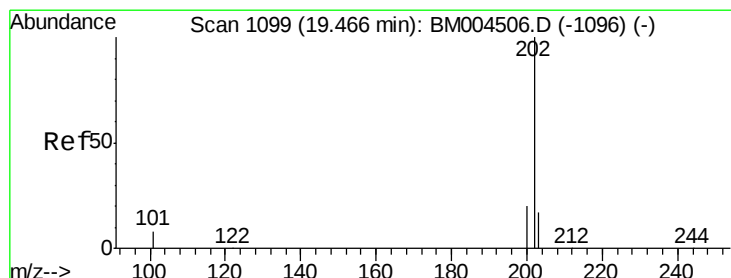
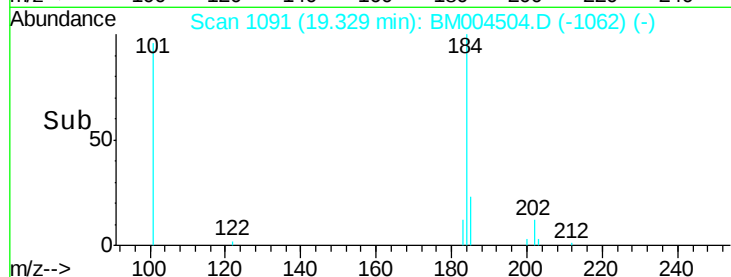
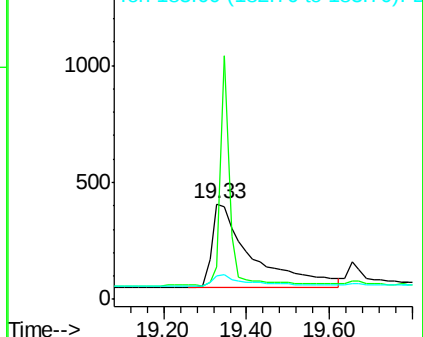
183 24.0 13.3 19.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.52 ng

RT: 19.47 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

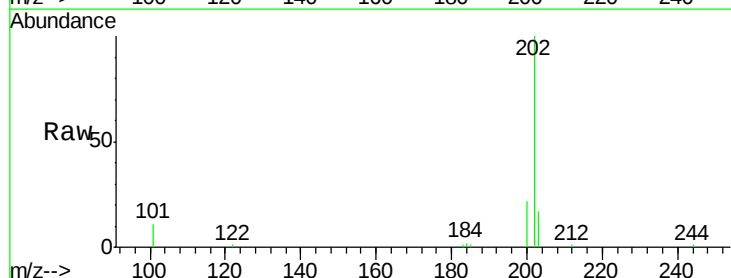
Tgt Ion:202 Resp: 15033

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

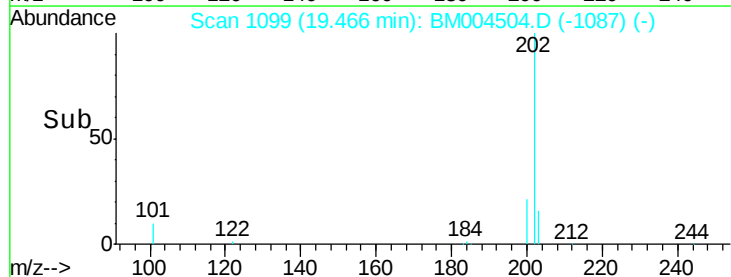
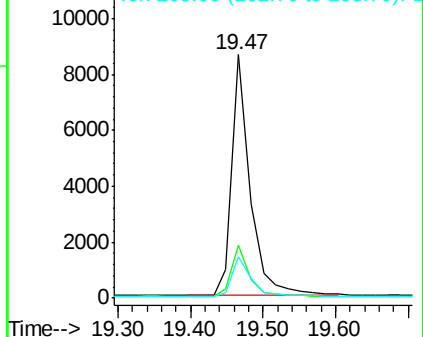
203 17.3 13.8 20.8

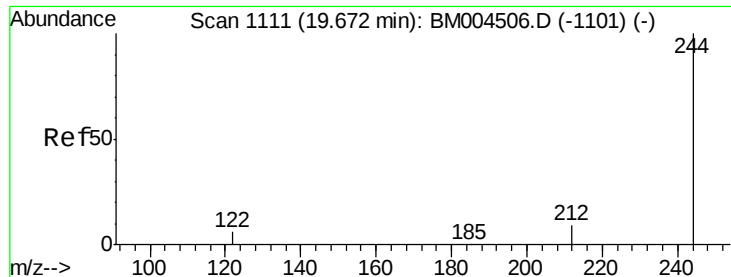


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.77 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

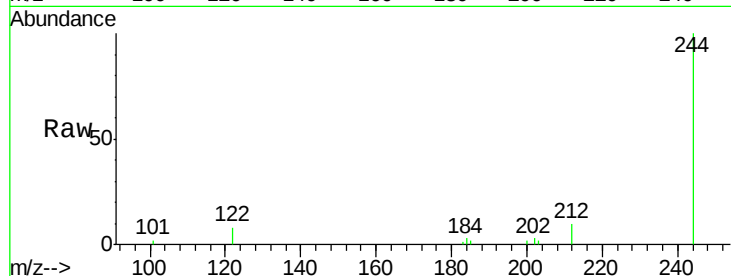
Tgt Ion:244 Resp: 7645

Ion Ratio Lower Upper

244 100

212 10.1 7.5 11.3

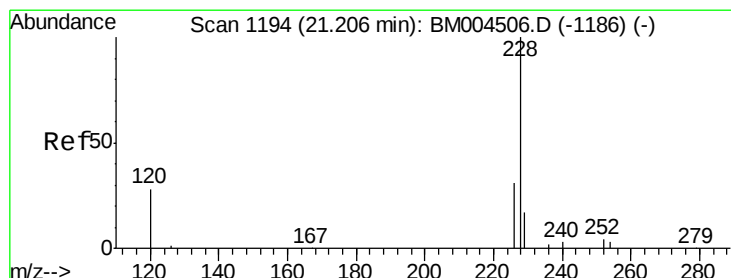
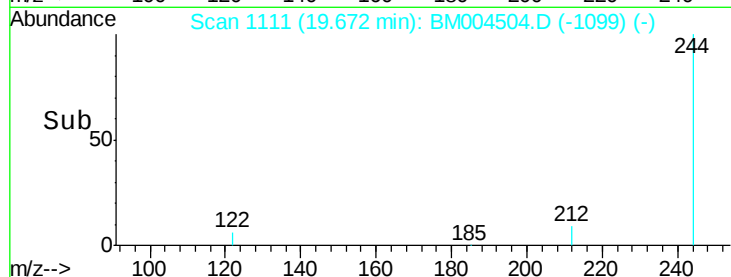
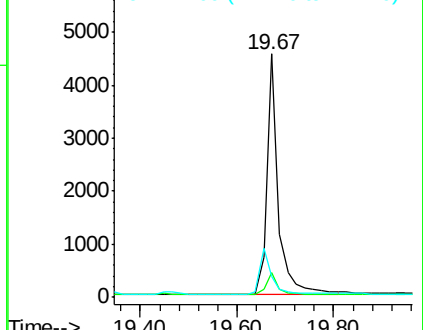
122 8.4 5.4 8.2#



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



#30

Benzo(a)anthracene

Concen: 0.47 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.06 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

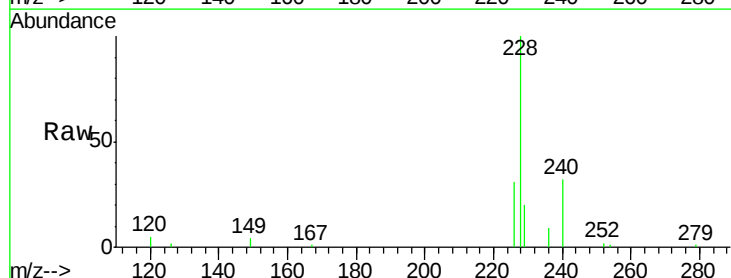
Tgt Ion:228 Resp: 12828

Ion Ratio Lower Upper

228 100

226 30.6 25.2 37.8

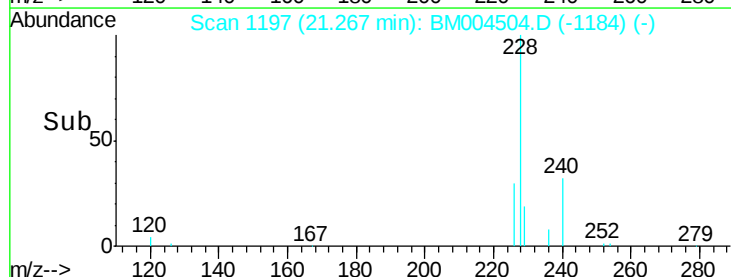
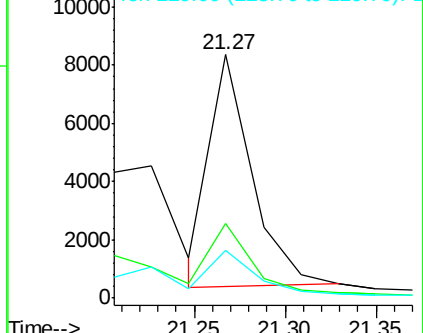
229 19.6 13.9 20.9

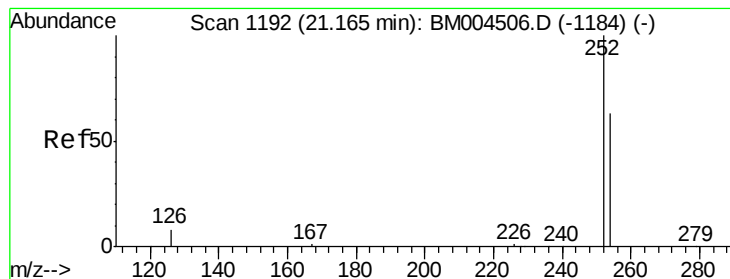


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.22 ng

RT: 21.16 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

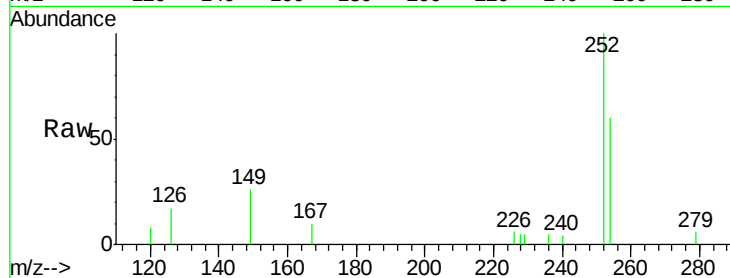
Tgt Ion:252 Resp: 3457

Ion Ratio Lower Upper

252 100

254 59.7 51.1 76.7

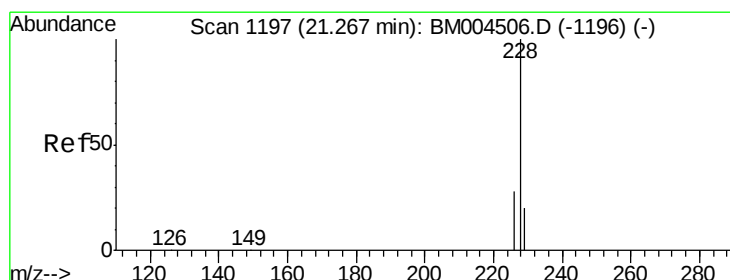
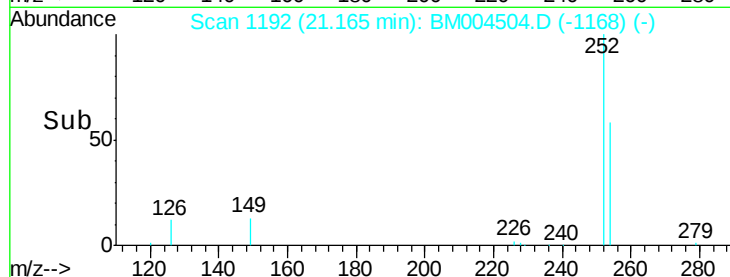
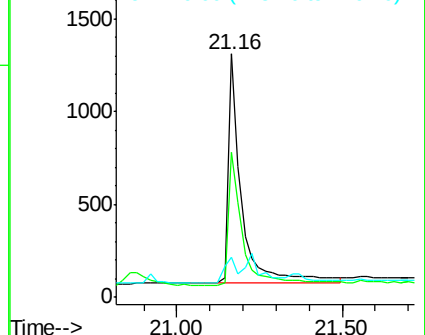
126 16.7 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.26 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

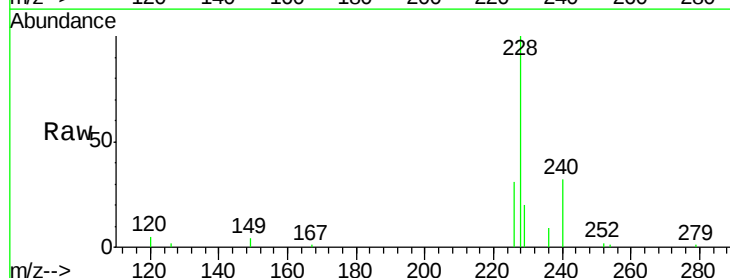
Tgt Ion:228 Resp: 14274

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

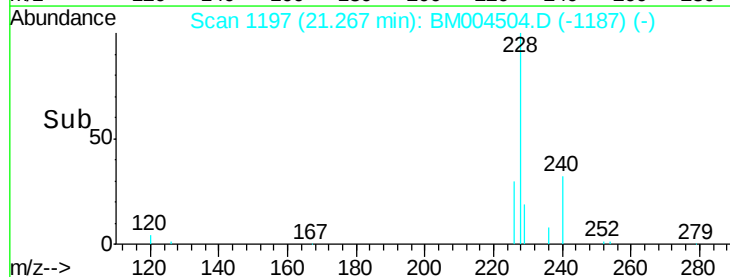
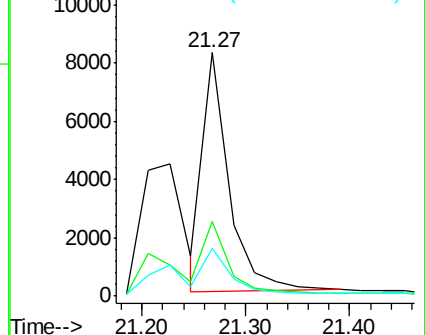
229 19.6 15.8 23.6

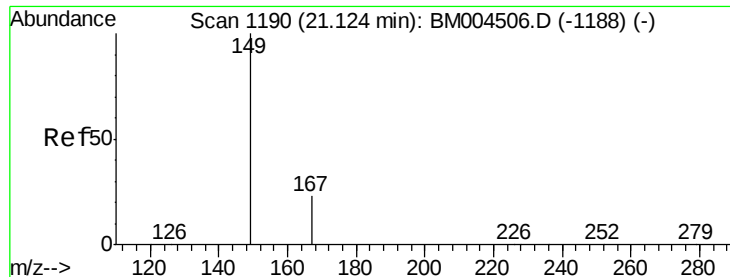


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.41 ng

RT: 21.12 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

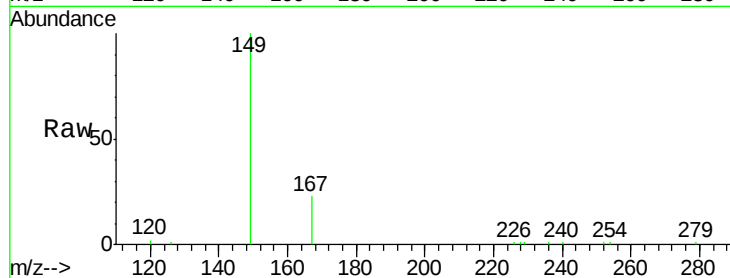
Tgt Ion:149 Resp: 8315

Ion Ratio Lower Upper

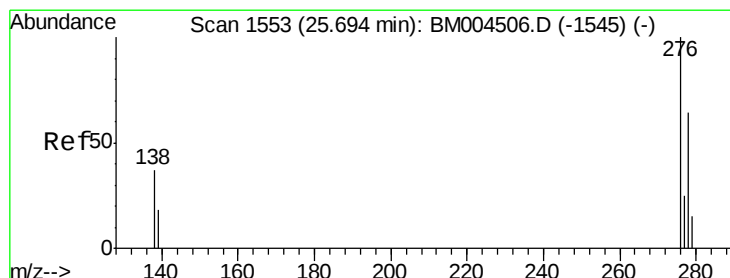
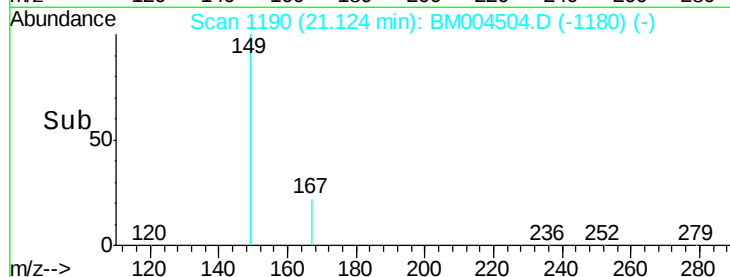
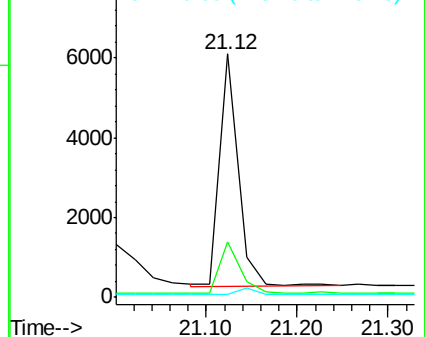
149 100

167 24.1 19.9 29.9

279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.41 ng

RT: 25.71 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

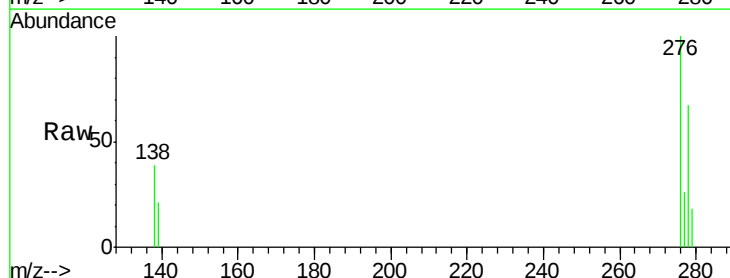
Tgt Ion:276 Resp: 10159

Ion Ratio Lower Upper

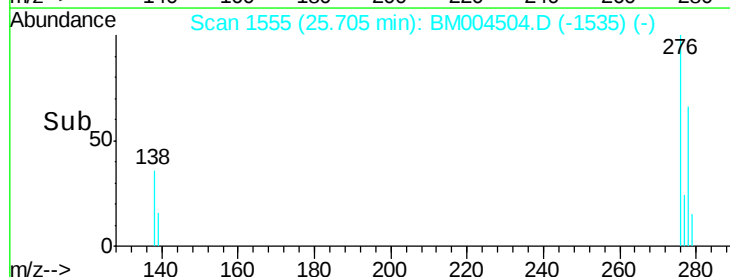
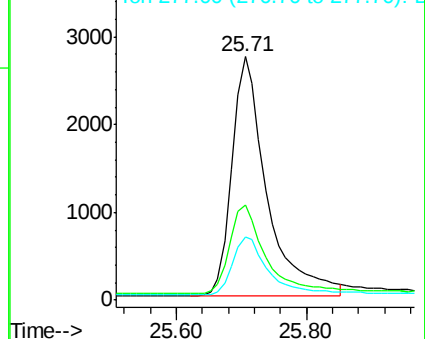
276 100

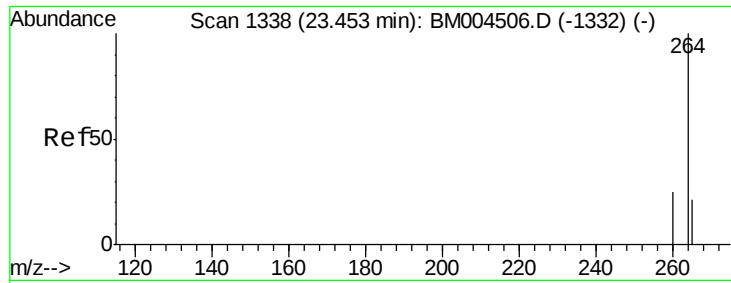
138 38.7 31.0 46.4

277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

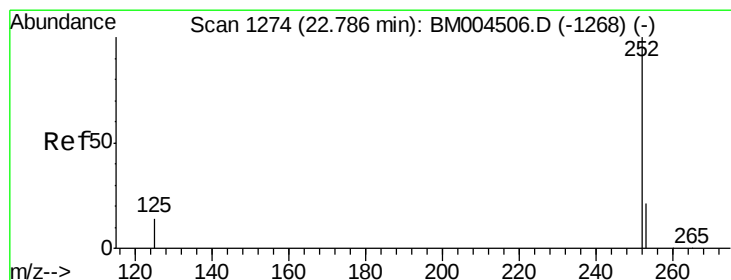
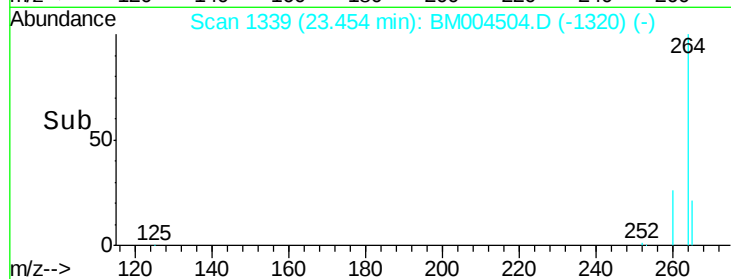
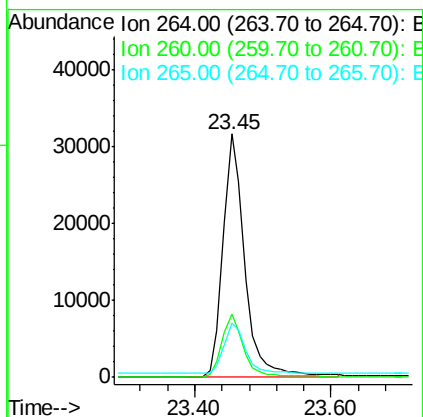
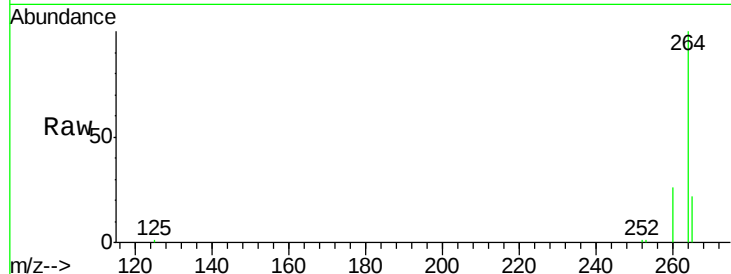




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

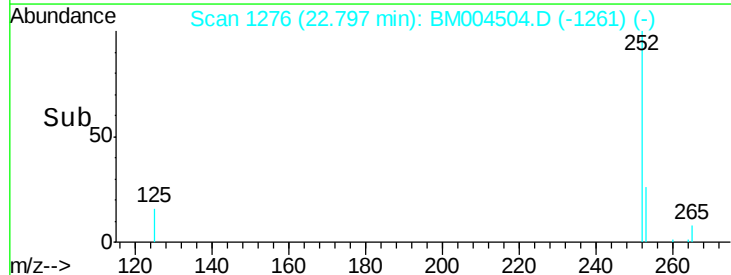
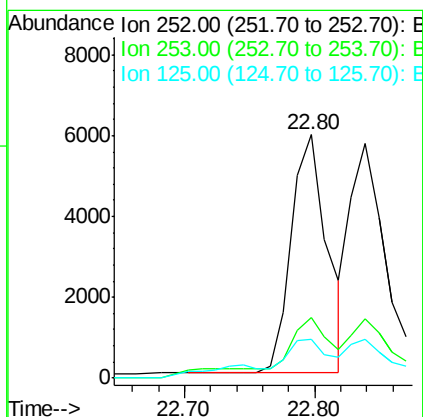
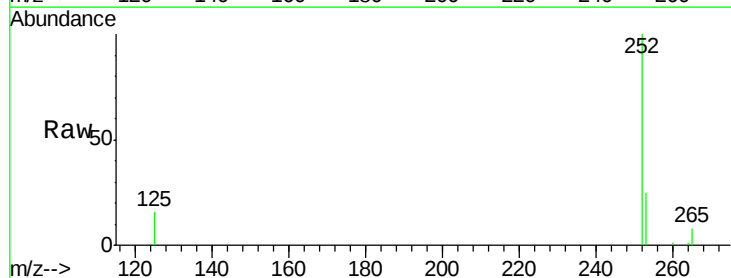
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.5

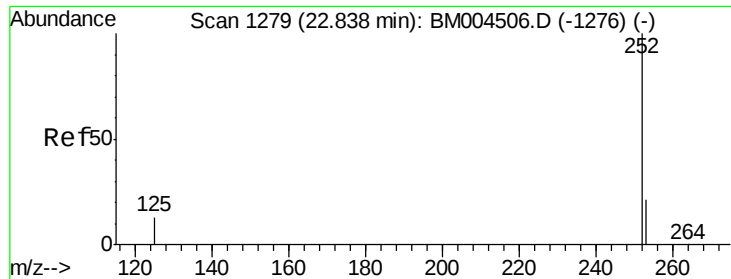
Tgt Ion: 264 Resp: 69882
Ion Ratio Lower Upper
264 100
260 25.9 20.5 30.7
265 22.3 18.1 27.1



#36
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 22.80 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 01 Mar 2016 22:54

Tgt Ion: 252 Resp: 11323
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 15.9 12.8 19.2





#37

Benzo(k)fluoranthene

Concen: 0.43 ng

RT: 22.84 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

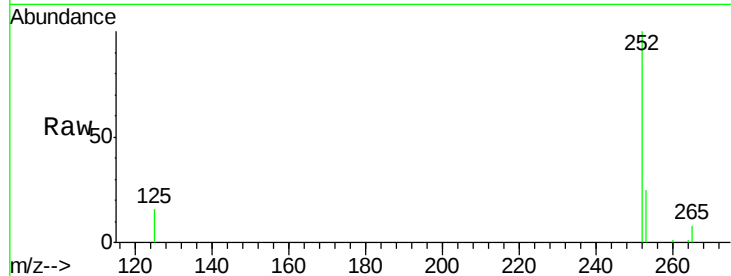
Tgt Ion:252 Resp: 11450

Ion Ratio Lower Upper

252 100

253 25.0 19.4 29.2

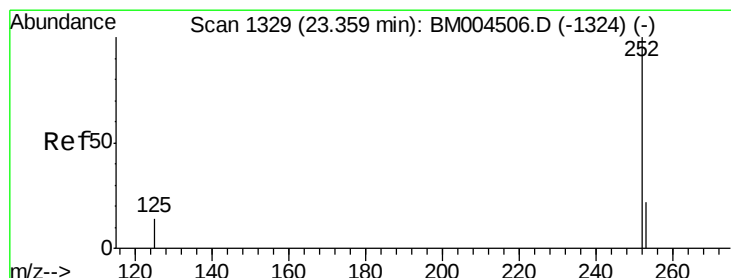
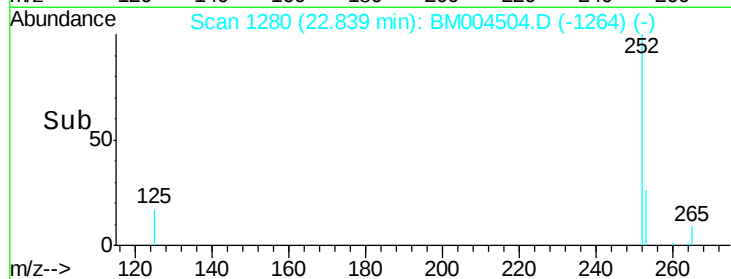
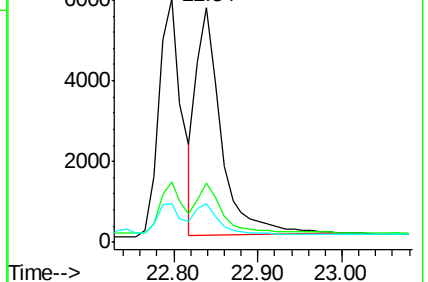
125 16.4 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.43 ng

RT: 23.36 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

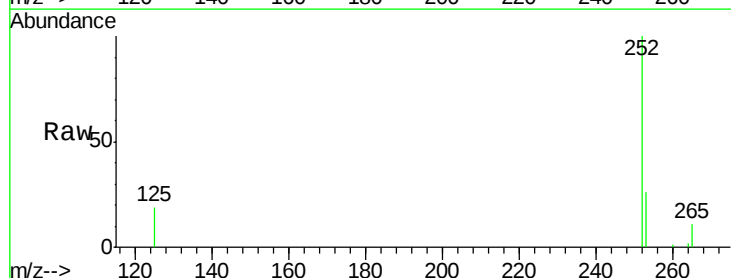
Tgt Ion:252 Resp: 10395

Ion Ratio Lower Upper

252 100

253 26.3 20.0 30.0

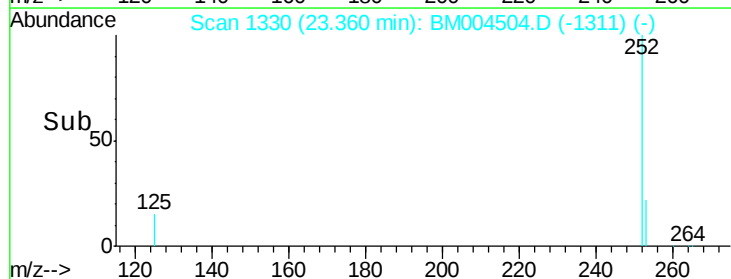
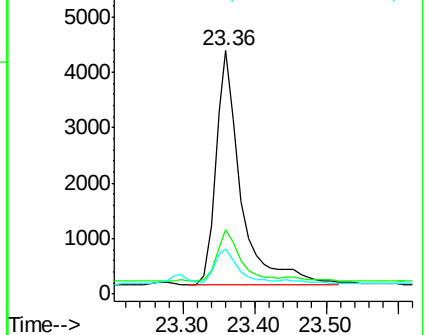
125 18.8 13.4 20.0

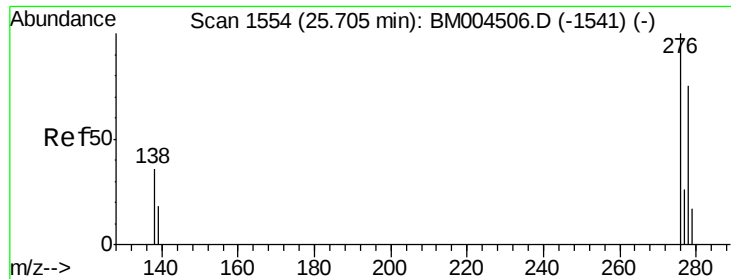


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 25.72 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.5

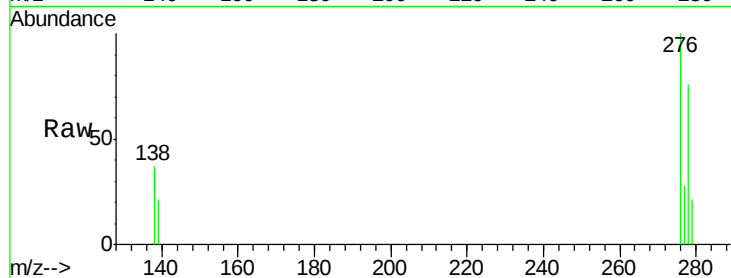
Tgt Ion: 278 Resp: 7922

Ion Ratio Lower Upper

278 100

139 27.3 20.9 31.3

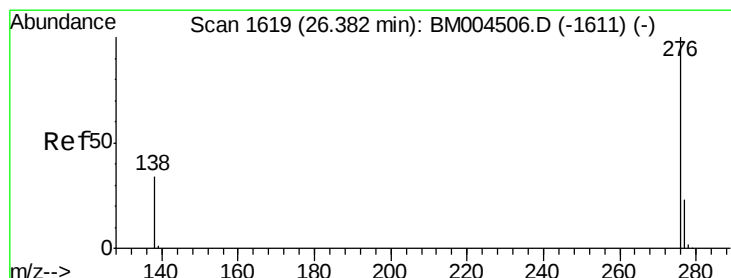
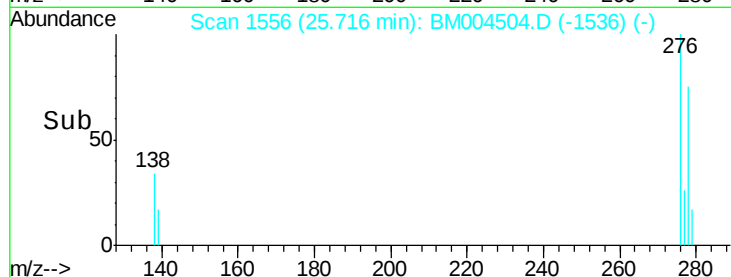
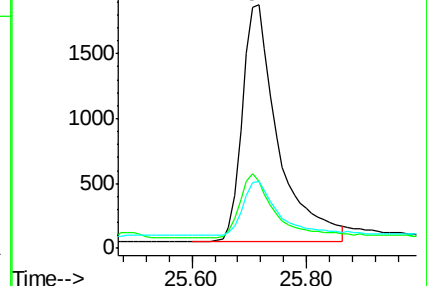
279 27.7 20.4 30.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 26.39 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BM004504.D

Acq: 01 Mar 2016 22:54

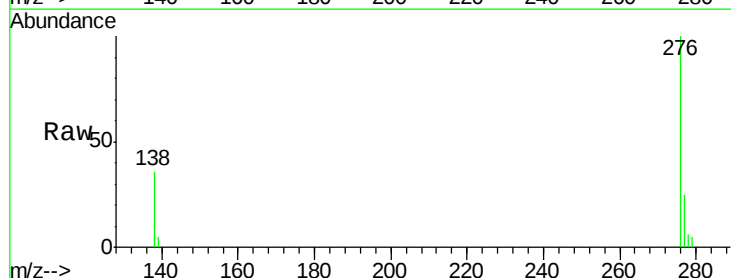
Tgt Ion: 276 Resp: 9082

Ion Ratio Lower Upper

276 100

277 25.3 19.4 29.0

138 36.3 28.2 42.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

