

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
 Data File : BM004505.D
 Acq On : 01 Mar 2016 23:31
 Operator : SJ/UM
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC0.8

Quant Time: Mar 02 02:29:02 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	20855	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	79470	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	42106	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	94115	5.00	ng	0.00
26) Chrysene-d12	21.23	240	80036	5.00	ng	0.00
35) Perylene-d12	23.45	264	69864	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3161	0.66	ng	0.00
5) Phenol-d6	6.83	99	3619	0.67	ng	0.02
8) Nitrobenzene-d5	8.79	82	2685	0.67	ng	0.01
14) 2,4,6-Tribromophenol	15.79	330	872	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	9334	0.73	ng	0.00
29) Terphenyl-d14	19.67	244	10147	0.94	ng	0.00

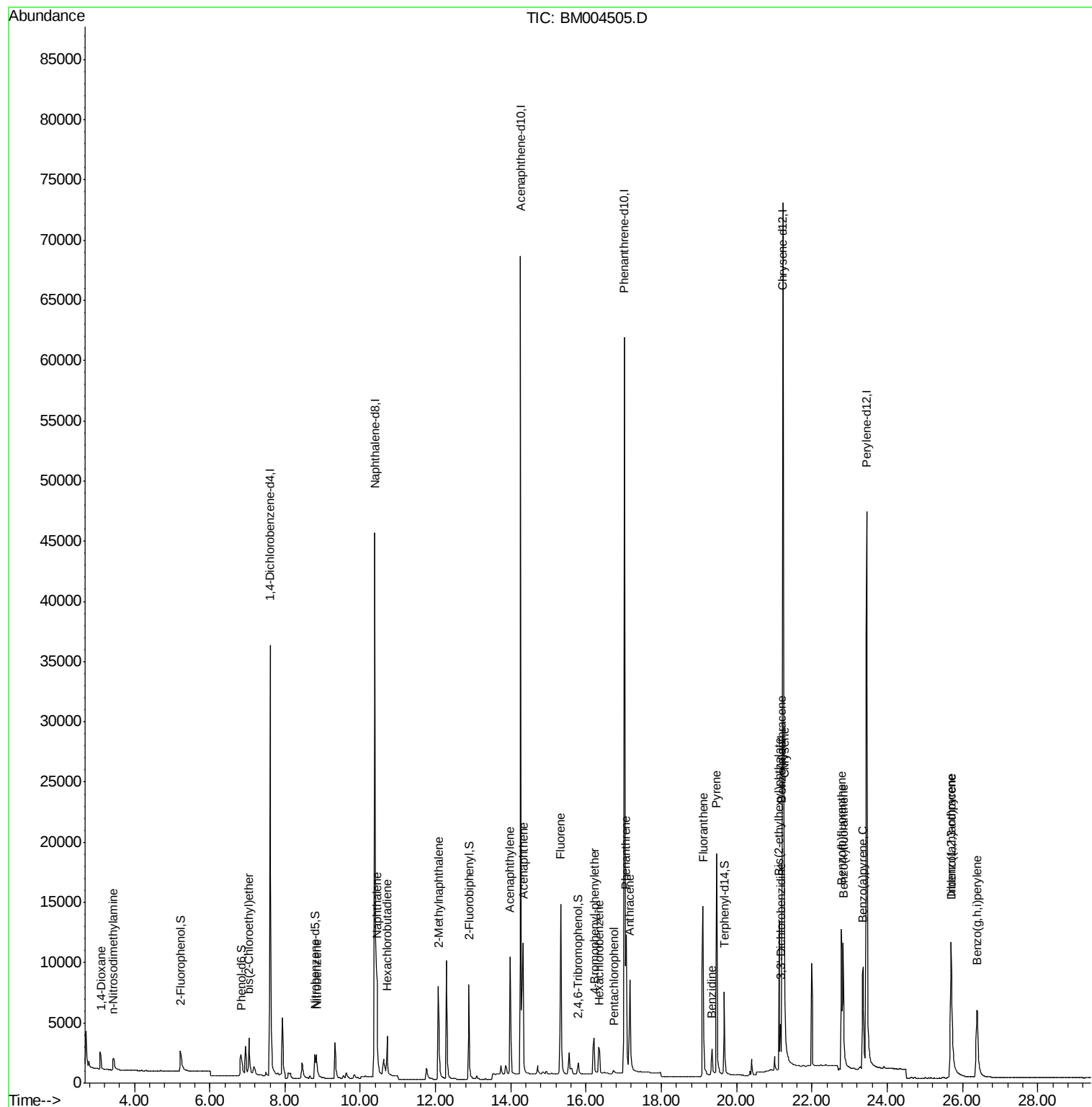
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1503	0.63	ng	97
3) n-Nitrosodimethylamine	3.43	42	1070	0.52	ng	98
6) bis(2-Chloroethyl)ether	7.04	93	3321	0.59	ng	99
9) Nitrobenzene	8.84	77	2924	0.55	ng	100
10) Naphthalene	10.44	128	13616	0.56	ng	95
11) Hexachlorobutadiene	10.72	225	2374	0.66	ng	99
12) 2-Methylnaphthalene	12.08	142	8305	0.62	ng	92
16) Acenaphthylene	13.97	152	13344	0.57	ng	100
17) Acenaphthene	14.33	154	8531	0.56	ng	99
18) Fluorene	15.33	166	10648	0.57	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	2411	0.48	ng	# 96
21) Hexachlorobenzene	16.35	284	2937	0.52	ng	# 100
22) Pentachlorophenol	16.73	266	386	0.28	ng	99
23) Phenanthrene	17.06	178	15981	0.49	ng	100
24) Anthracene	17.17	178	13409	0.49	ng	95
25) Fluoranthene	19.11	202	20059	0.58	ng	100
27) Benzidine	19.33	184	3602	0.43	ng	# 90
28) Pyrene	19.47	202	20951	0.67	ng	100
30) Benzo(a)anthracene	21.21	228	19405	0.66	ng	99
31) 3,3'-Dichlorobenzidine	21.16	252	5234	0.31	ng	99
32) Chrysene	21.27	228	18468	0.31	ng	100
33) Bis(2-ethylhexyl)phthalate	21.12	149	13166	0.60	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.70	276	15611	0.58	ng	100
36) Benzo(b)fluoranthene	22.79	252	16518	0.63	ng	99
37) Benzo(k)fluoranthene	22.83	252	17739	0.67	ng	97
38) Benzo(a)pyrene	23.36	252	15275	0.64	ng	100
39) Dibenzo(a,h)anthracene	25.71	278	12141	0.58	ng	99
40) Benzo(g,h,i)perylene	26.38	276	13779	0.60	ng	100

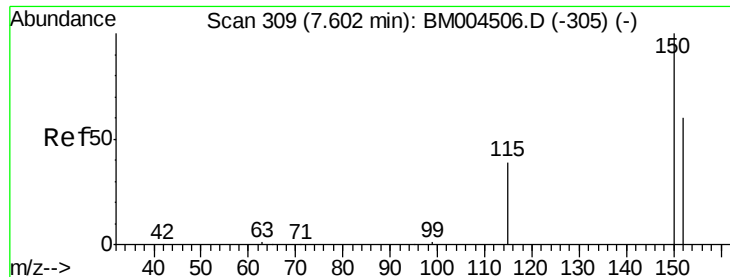
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

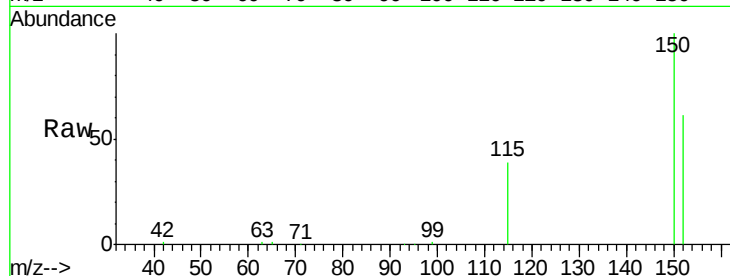
Tgt Ion:152 Resp: 20855

Ion Ratio Lower Upper

152 100

150 164.3 132.4 198.6

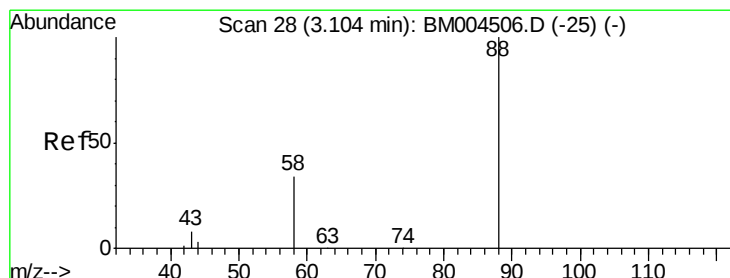
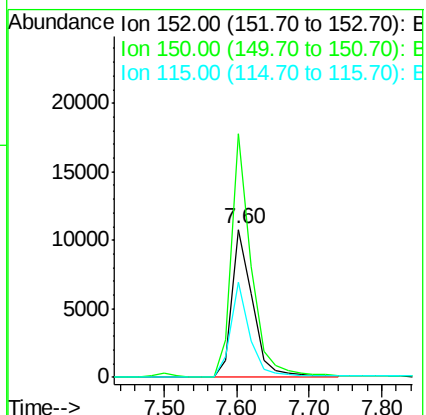
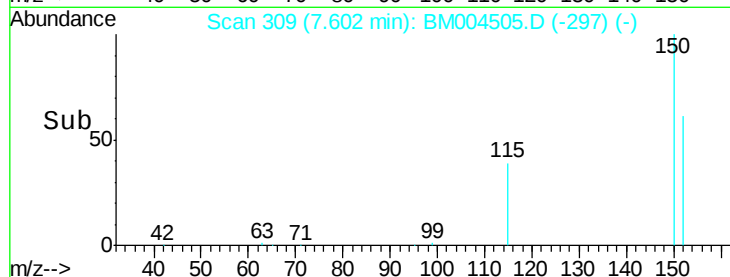
115 63.8 51.4 77.2



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: 0.63 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

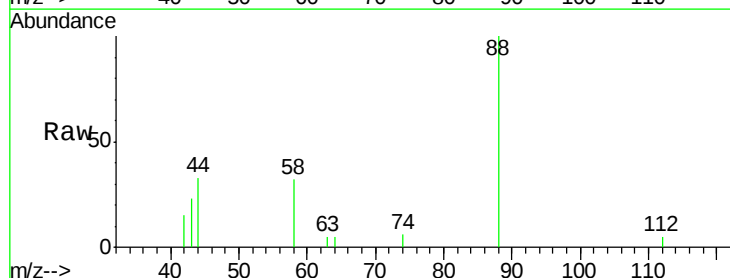
Tgt Ion: 88 Resp: 1503

Ion Ratio Lower Upper

88 100

58 64.2 53.1 79.7

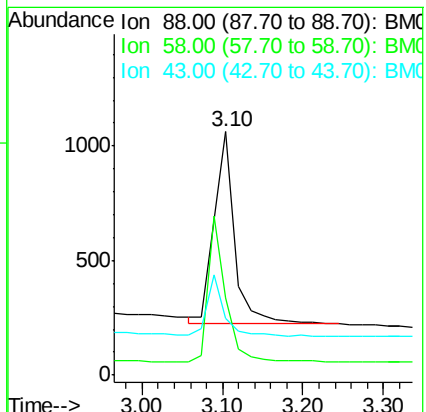
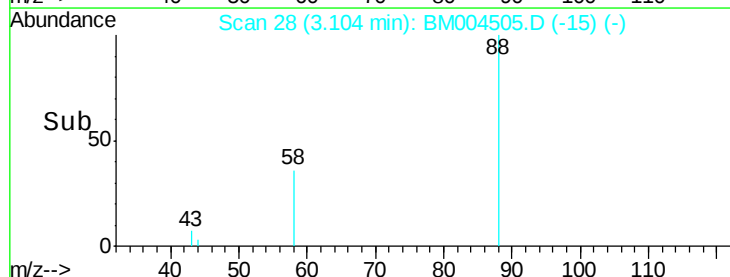
43 26.0 21.6 32.4

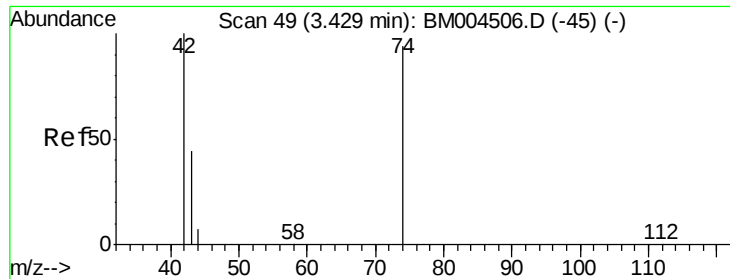


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.52 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDICC0.8

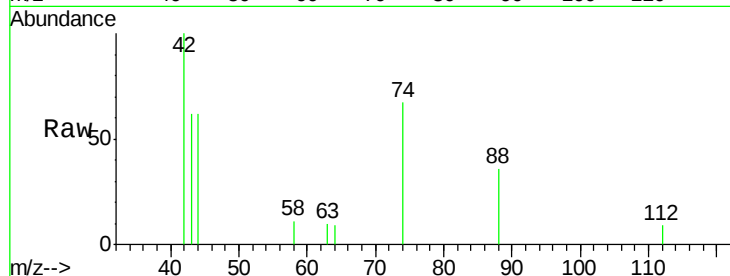
Tgt Ion: 42 Resp: 1070

Ion Ratio Lower Upper

42 100

74 151.4 119.4 179.0

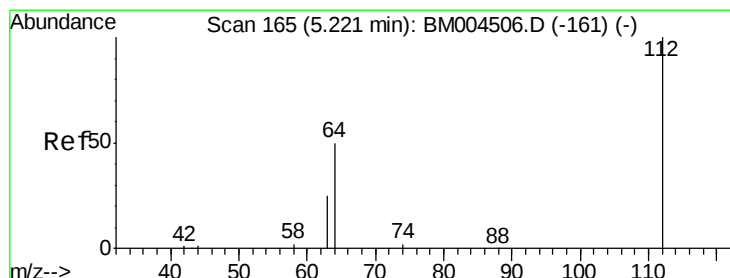
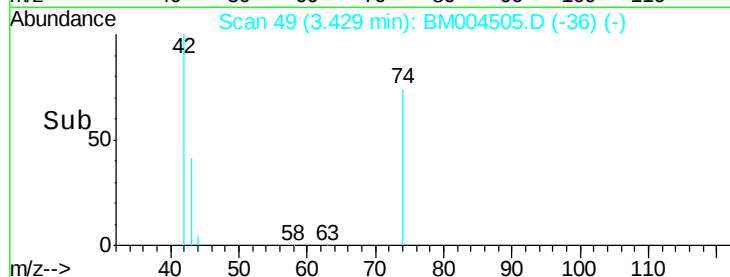
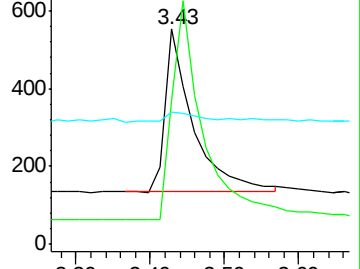
44 7.6 7.2 10.8



Abundance Ion 42.00 (41.70 to 42.70): BM004505.D (-152) (-)

Ion 74.00 (73.70 to 74.70): BM004505.D (-152) (-)

Ion 44.00 (43.70 to 44.70): BM004505.D (-152) (-)



#4

2-Fluorophenol

Concen: 0.66 ng

RT: 5.22 min Scan# 165

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

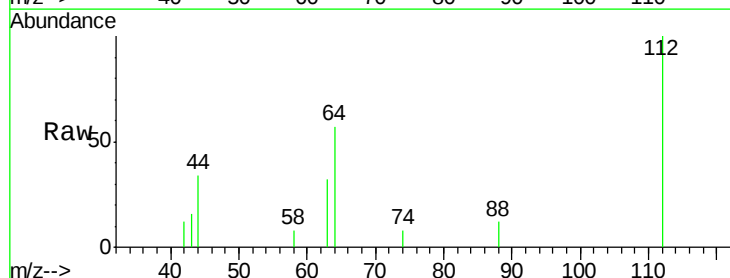
Tgt Ion: 112 Resp: 3161

Ion Ratio Lower Upper

112 100

64 49.4 36.5 54.7

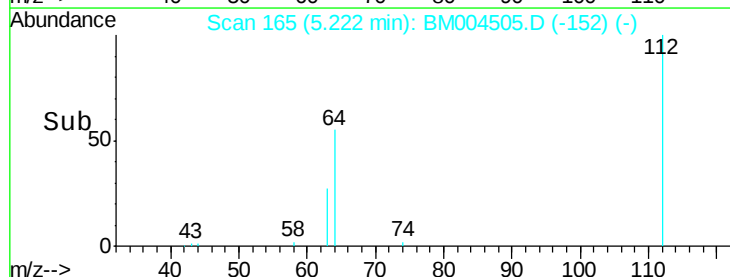
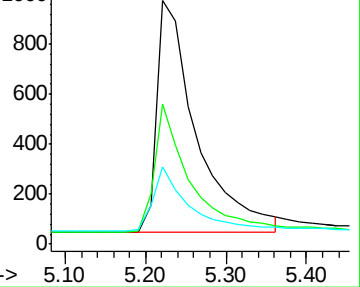
63 24.8 18.6 28.0

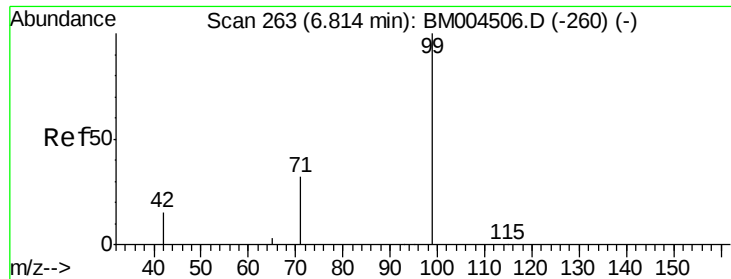


Abundance Ion 112.00 (111.70 to 112.70): BM004505.D (-152) (-)

Ion 64.00 (63.70 to 64.70): BM004505.D (-152) (-)

Ion 63.00 (62.70 to 63.70): BM004505.D (-152) (-)





#5

Phenol-d6

Concen: 0.67 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

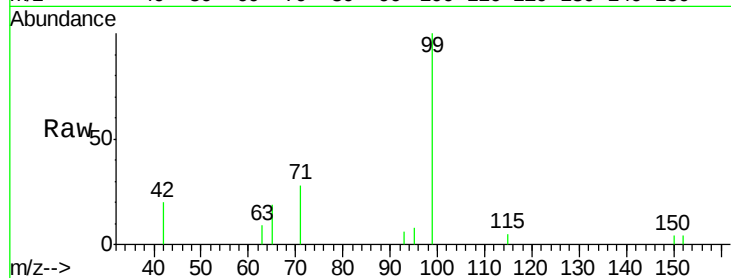
Tgt Ion: 99 Resp: 3619

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

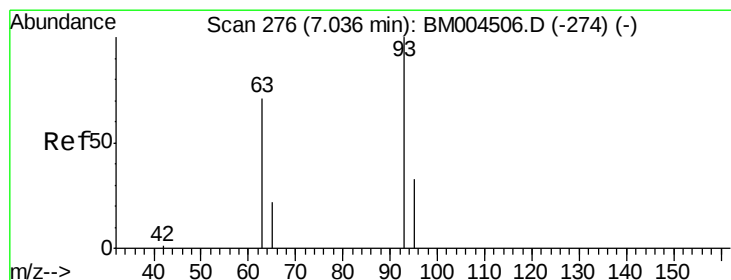
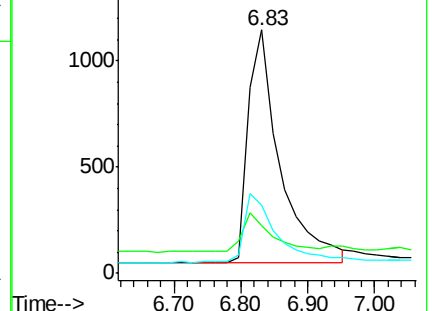
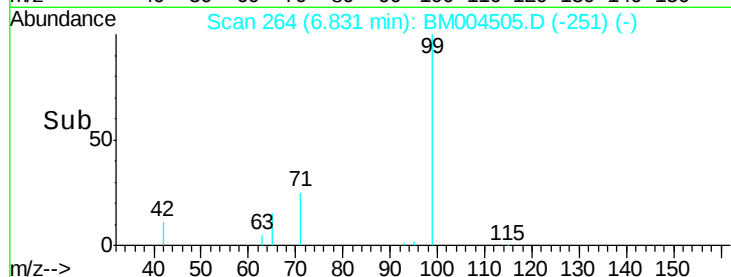
71 29.6 23.5 35.3



Abundance Ion 99.00 (98.70 to 99.70): BM004505.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM004505.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM004505.D (-264) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.59 ng

RT: 7.04 min Scan# 276

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

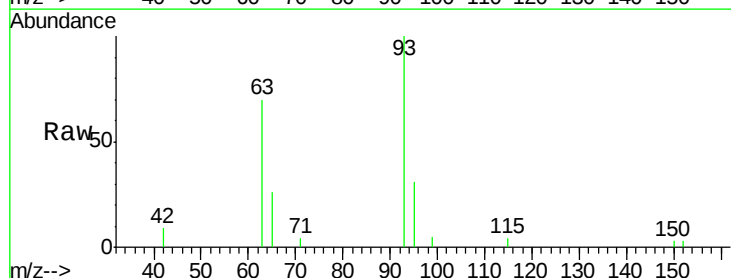
Tgt Ion: 93 Resp: 3321

Ion Ratio Lower Upper

93 100

63 63.1 50.0 75.0

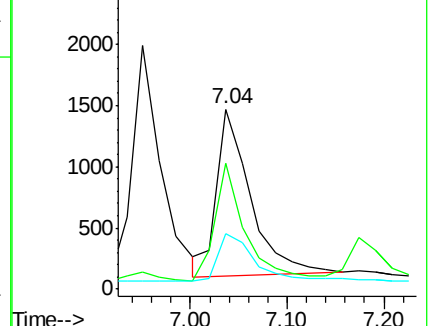
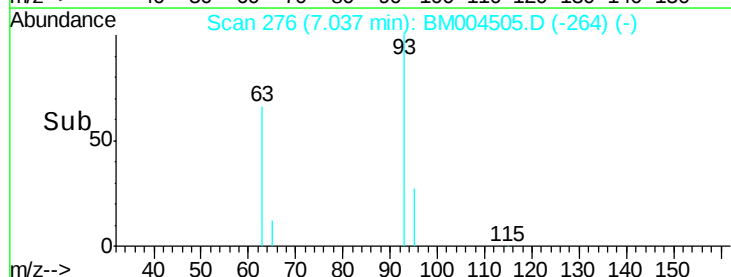
95 32.0 25.3 37.9

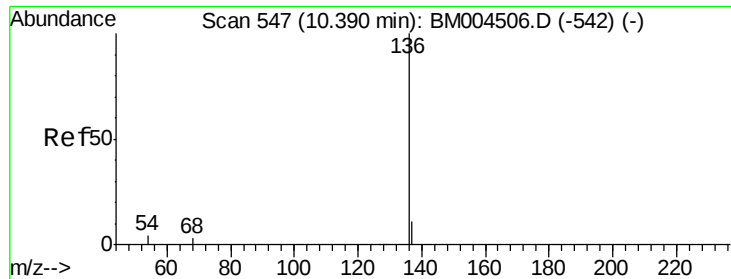


Abundance Ion 93.00 (92.70 to 93.70): BM004505.D (-264) (-)

Ion 63.00 (62.70 to 63.70): BM004505.D (-264) (-)

Ion 95.00 (94.70 to 95.70): BM004505.D (-264) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 79470

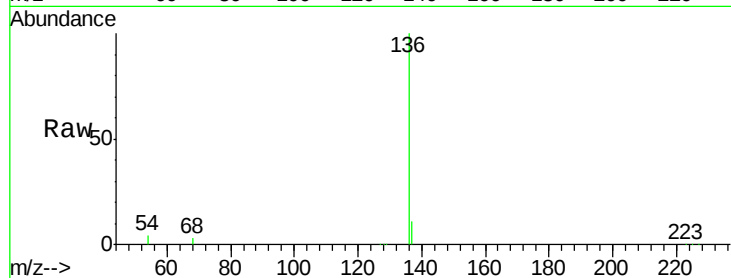
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 4.1 3.0 4.6

68 3.5 2.7 4.1

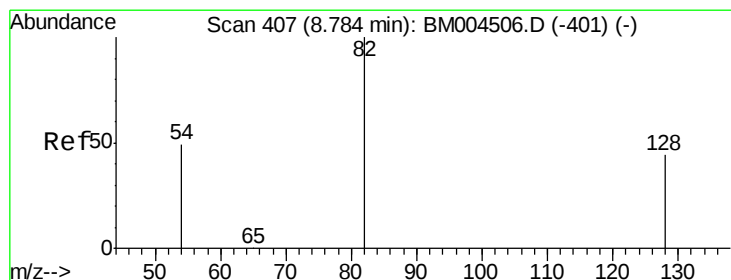
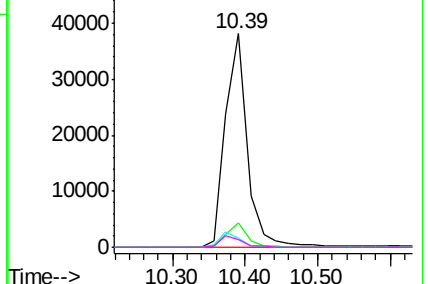
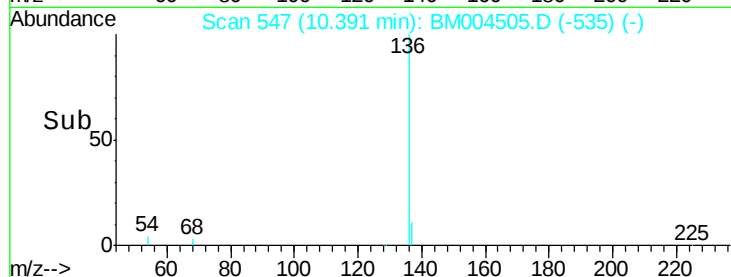


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.67 ng

RT: 8.79 min Scan# 408

Delta R.T. 0.01 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

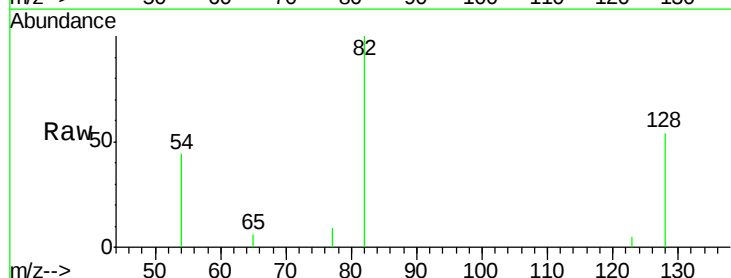
Tgt Ion: 82 Resp: 2685

Ion Ratio Lower Upper

82 100

128 54.3 36.6 55.0

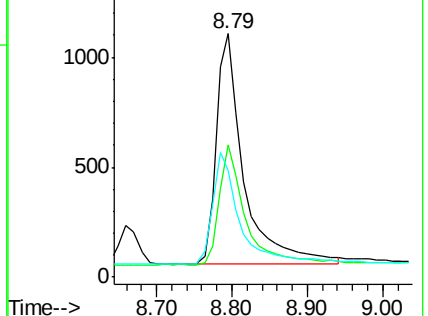
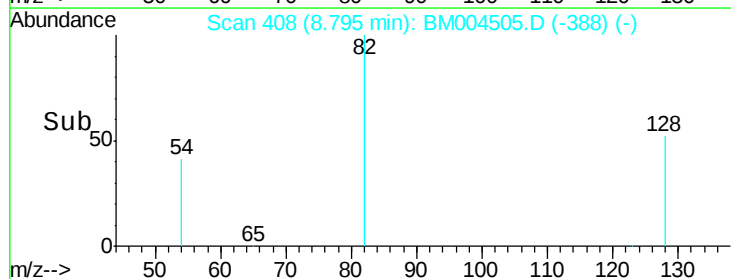
54 43.9 41.0 61.6

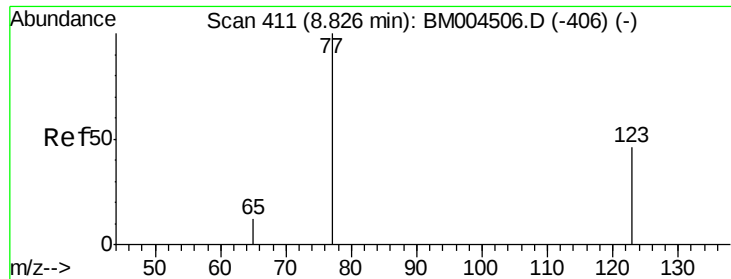


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.55 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

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ClientSampleId :

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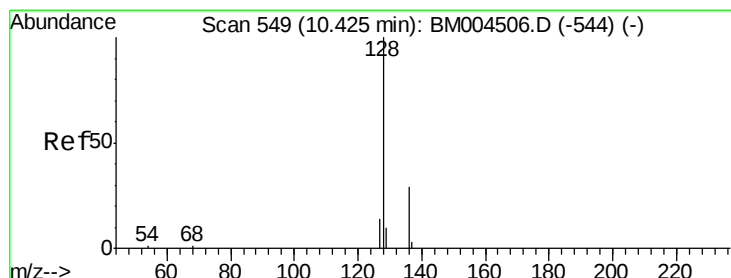
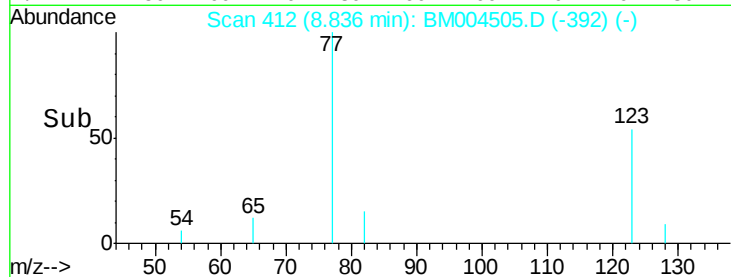
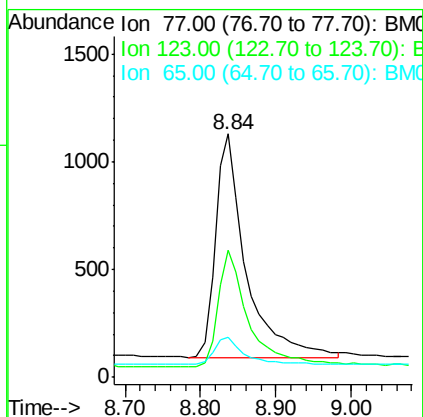
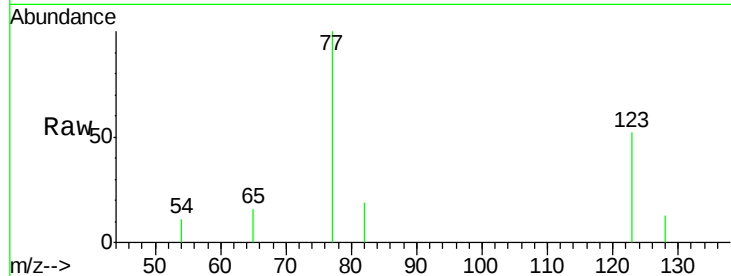
Tgt Ion: 77 Resp: 2924

Ion Ratio Lower Upper

77 100

123 53.0 42.3 63.5

65 12.2 10.1 15.1



#10

Naphthalene

Concen: 0.56 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.02 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

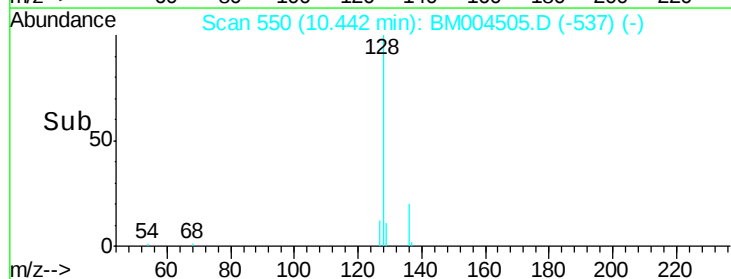
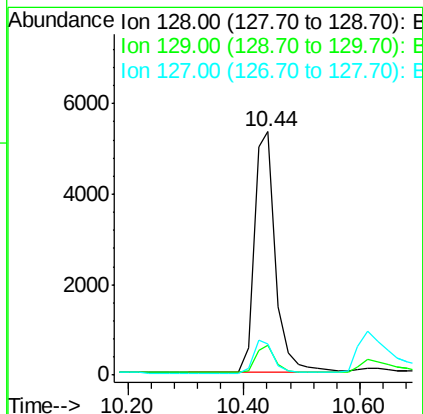
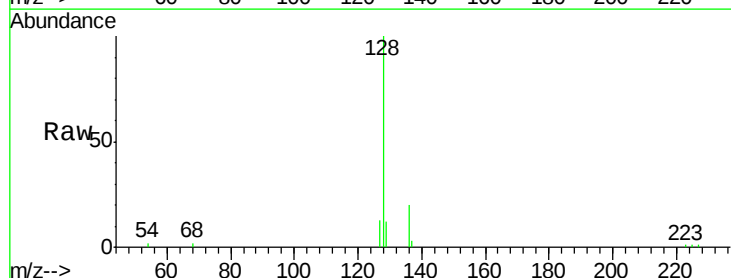
Tgt Ion: 128 Resp: 13616

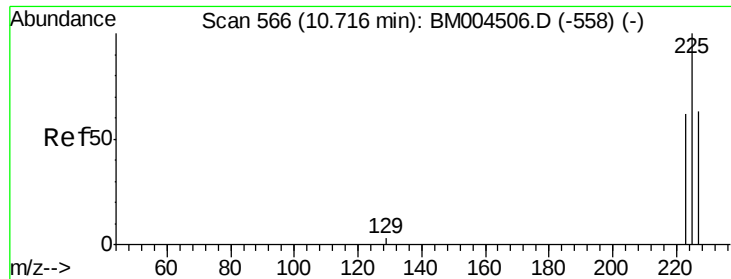
Ion Ratio Lower Upper

128 100

129 12.4 8.6 12.8

127 12.6 11.8 17.6

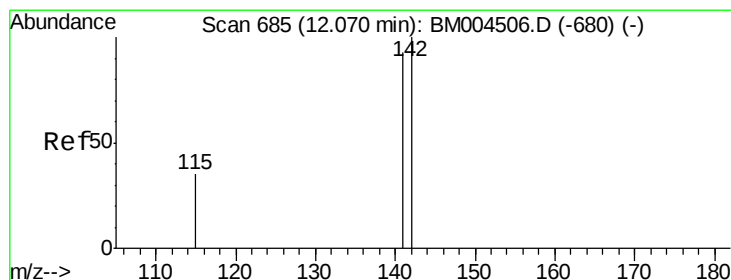
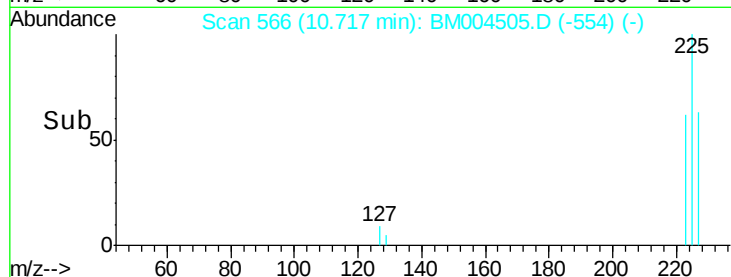
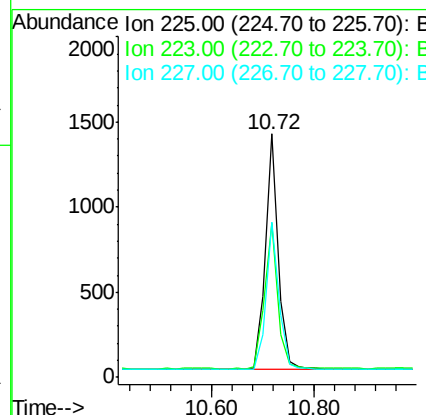
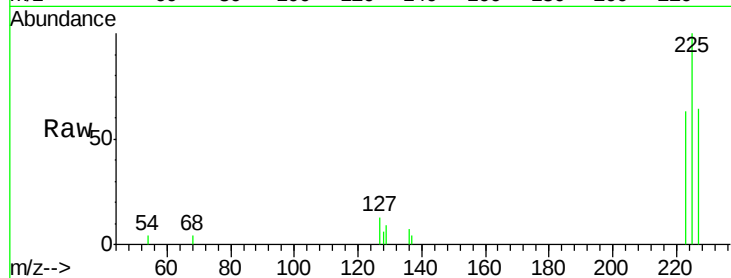




#11
Hexachlorobutadiene
Concen: 0.66 ng
RT: 10.72 min Scan# 566
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

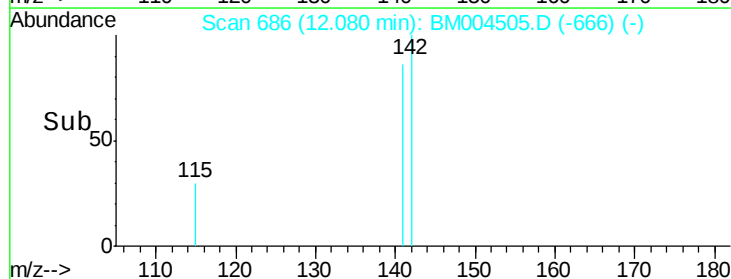
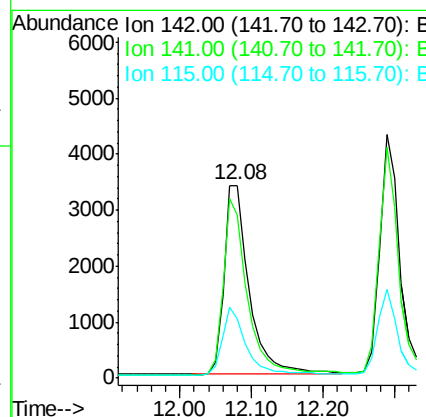
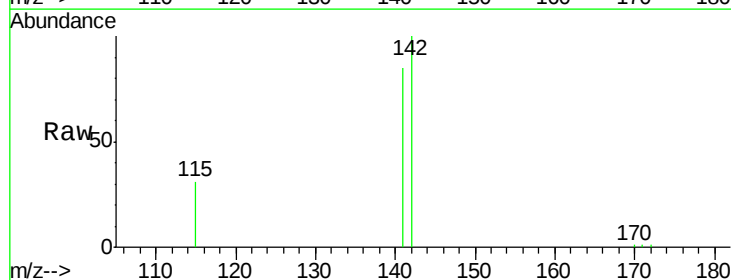
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.8

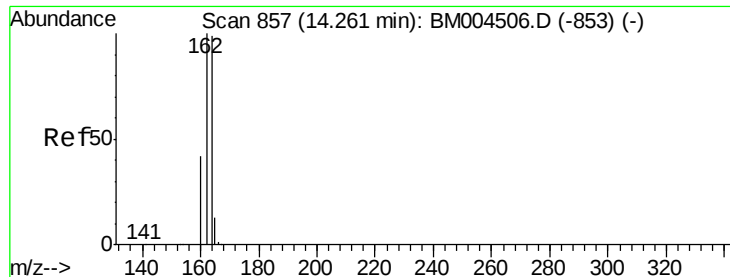
Tgt Ion: 225 Resp: 2374
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 63.3 51.4 77.2



#12
2-Methylnaphthalene
Concen: 0.62 ng
RT: 12.08 min Scan# 686
Delta R.T. 0.01 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

Tgt Ion: 142 Resp: 8305
Ion Ratio Lower Upper
142 100
141 84.6 73.9 110.9
115 30.7 28.8 43.2





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

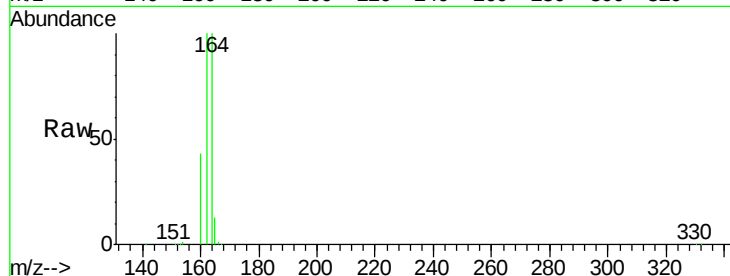
Tgt Ion:164 Resp: 42106

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

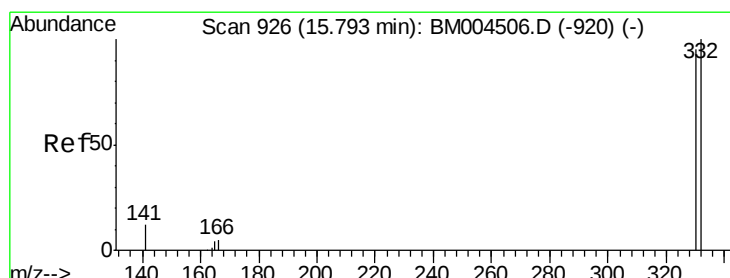
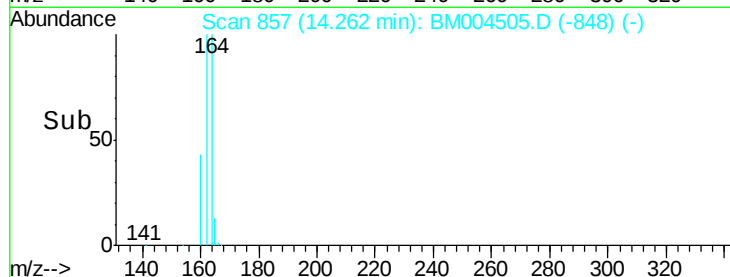
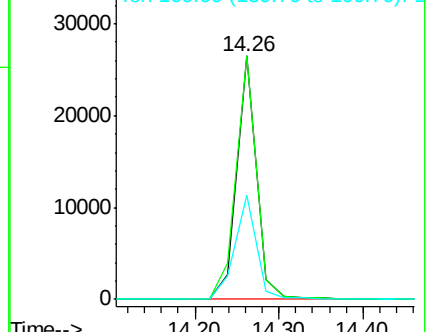
160 42.9 34.2 51.4



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



#14

2,4,6-Tribromophenol

Concen: 0.56 ng

RT: 15.79 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

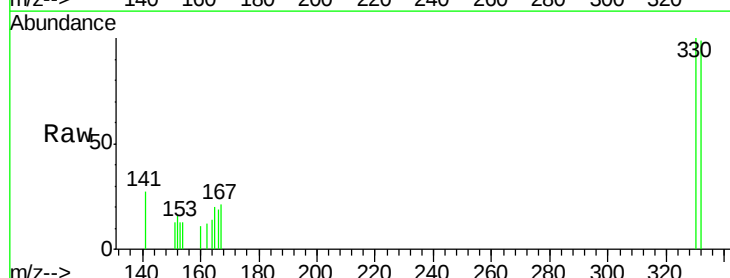
Tgt Ion:330 Resp: 872

Ion Ratio Lower Upper

330 100

332 94.4 78.8 118.2

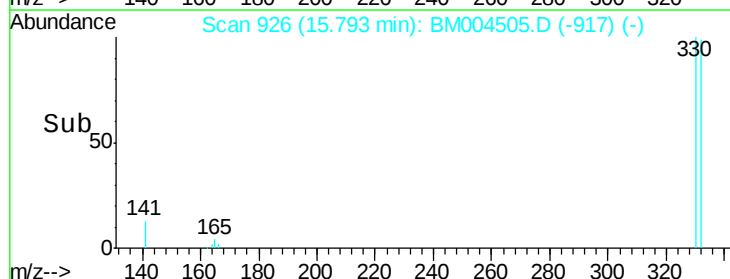
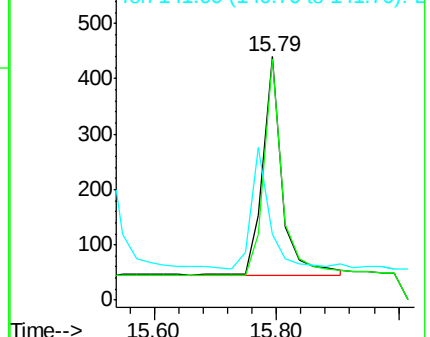
141 0.0 0.0 0.0

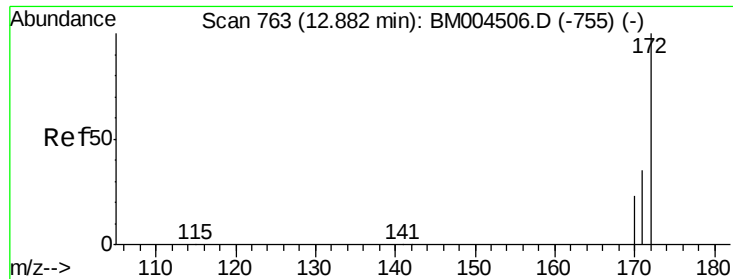


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

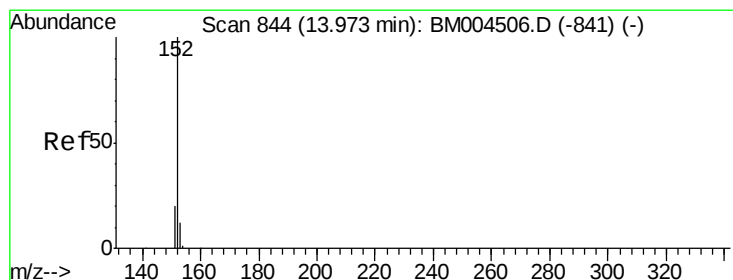
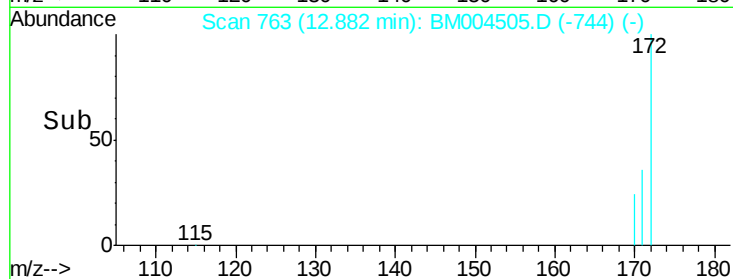
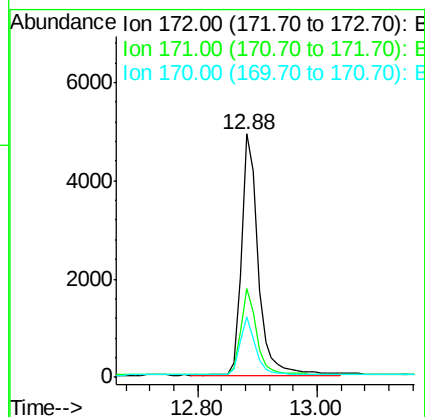
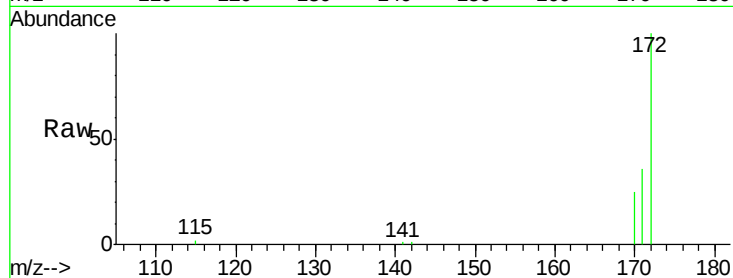




#15
2-Fluorobiphenyl
Concen: 0.73 ng
RT: 12.88 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

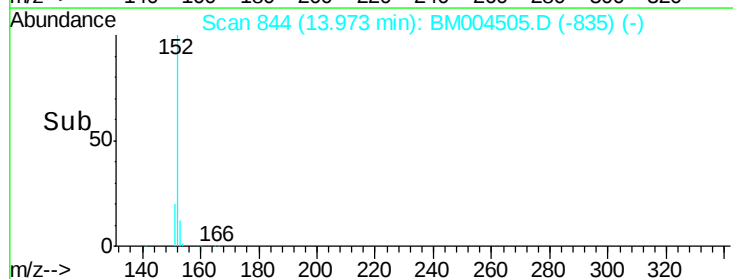
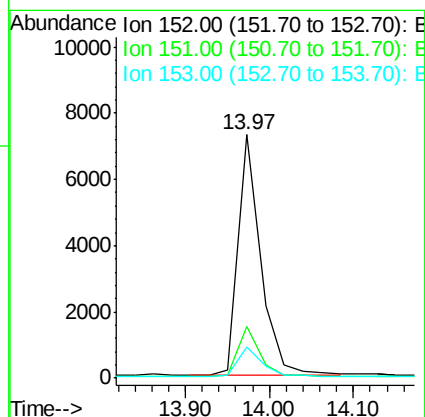
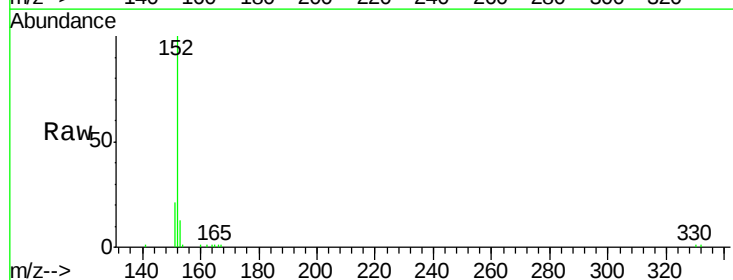
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.8

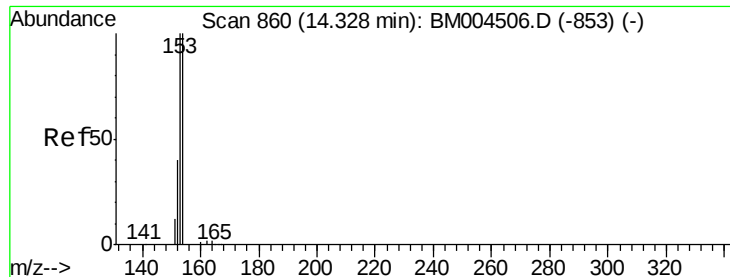
Tgt Ion:172 Resp: 9334
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.57 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

Tgt Ion:152 Resp: 13344
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.2 15.4

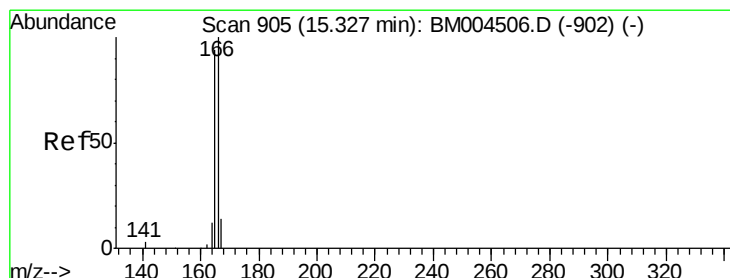
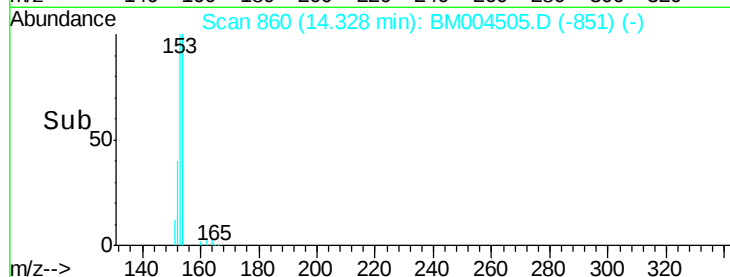
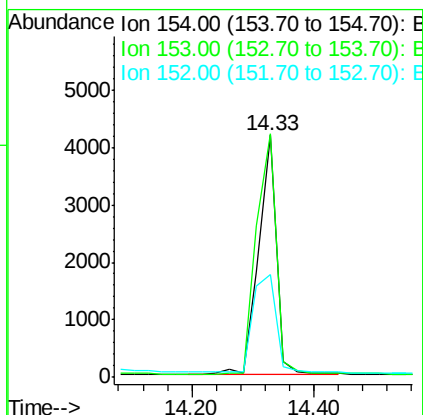
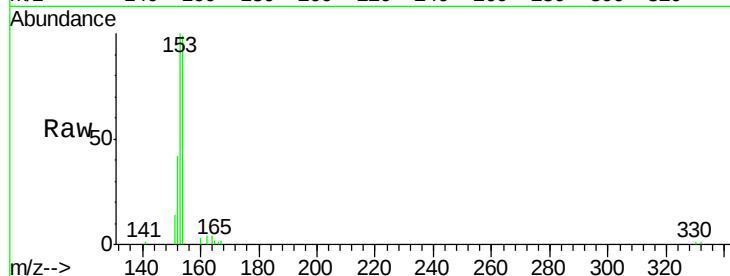




#17
Acenaphthene
Concen: 0.56 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

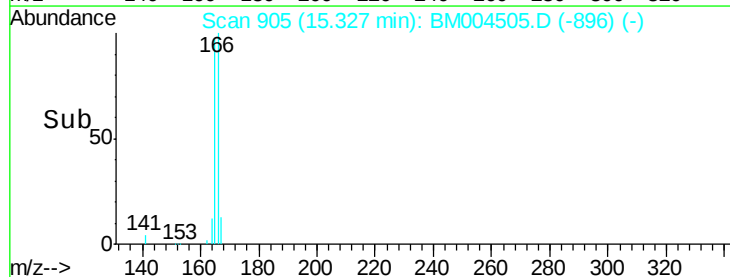
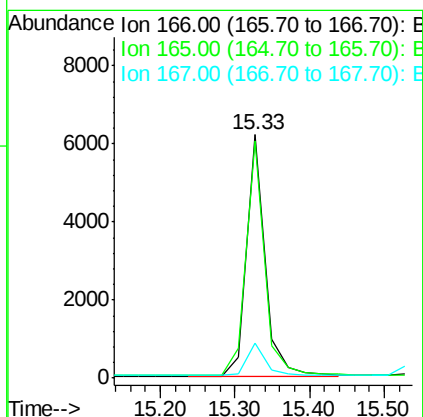
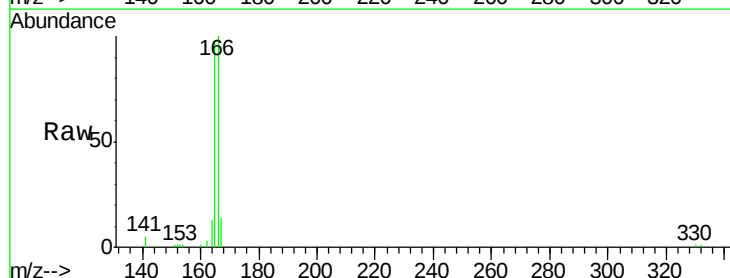
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.8

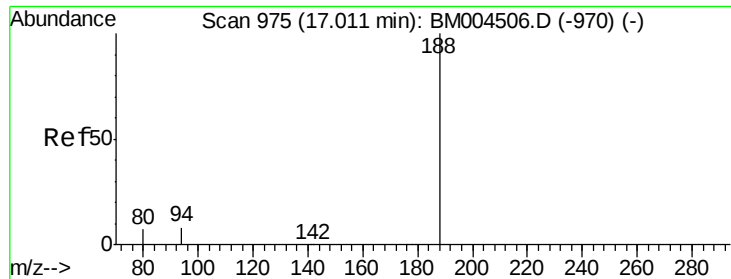
Tgt Ion:154 Resp: 8531
Ion Ratio Lower Upper
154 100
153 110.8 88.2 132.4
152 52.4 41.0 61.6



#18
Fluorene
Concen: 0.57 ng
RT: 15.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

Tgt Ion:166 Resp: 10648
Ion Ratio Lower Upper
166 100
165 98.1 77.0 115.6
167 13.4 10.9 16.3

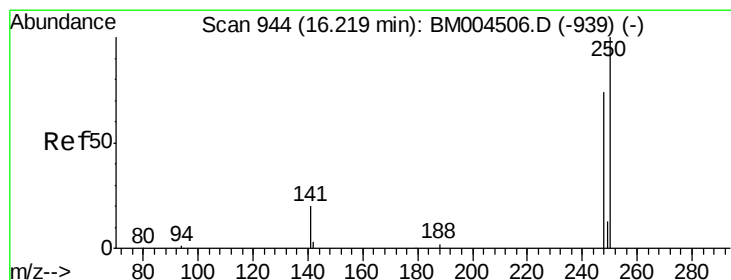
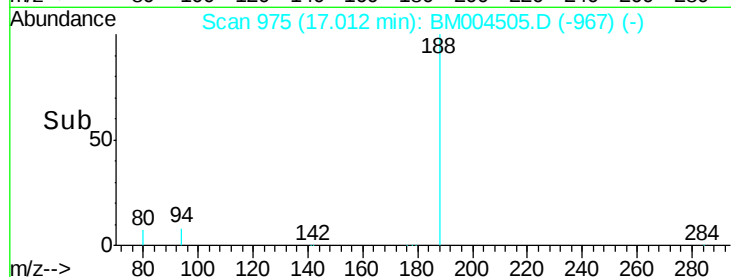
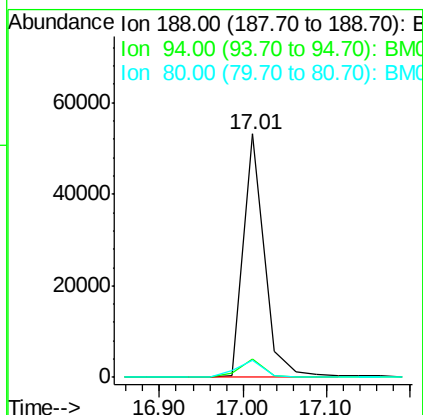
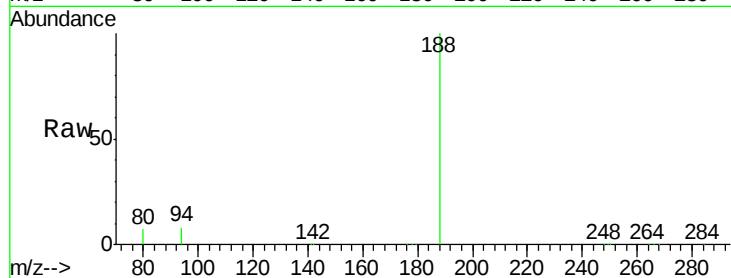




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

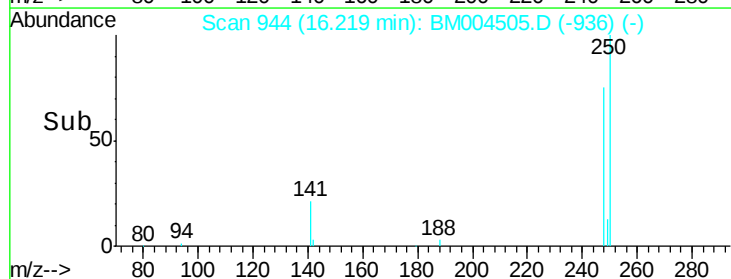
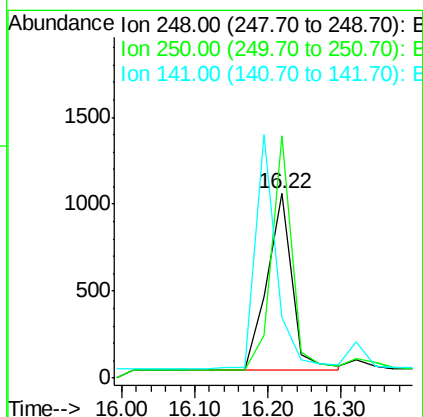
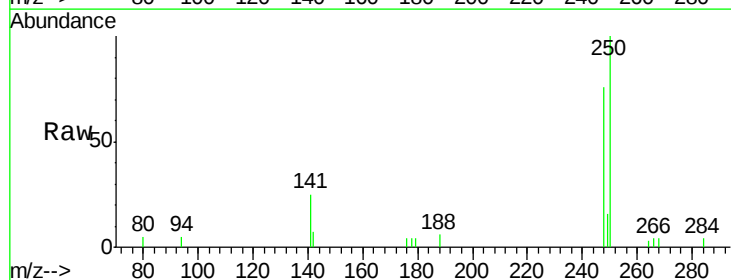
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.8

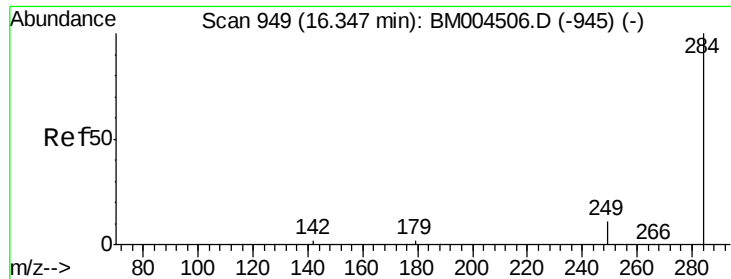
Tgt Ion:188 Resp: 94115
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 7.1 5.7 8.5



#20
4-Bromophenyl-phenylether
Concen: 0.48 ng
RT: 16.22 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

Tgt Ion:248 Resp: 2411
Ion Ratio Lower Upper
248 100
250 108.8 83.7 125.5
141 0.0 0.0 0.0

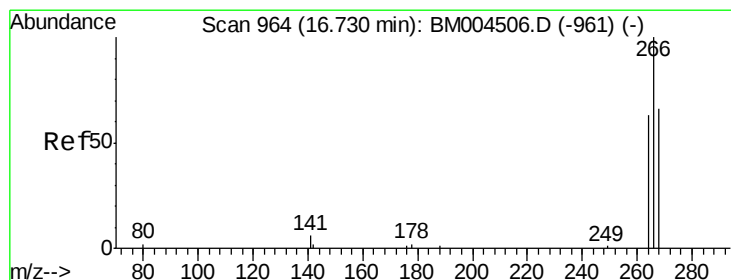
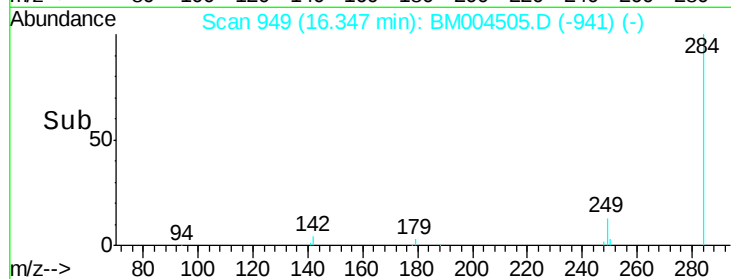
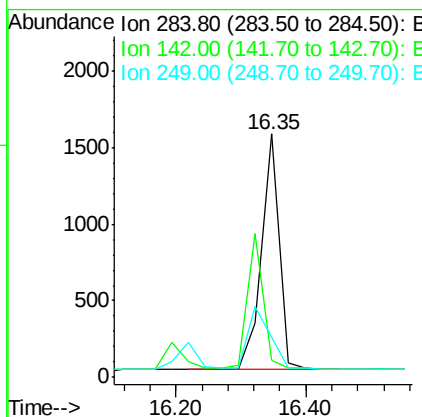
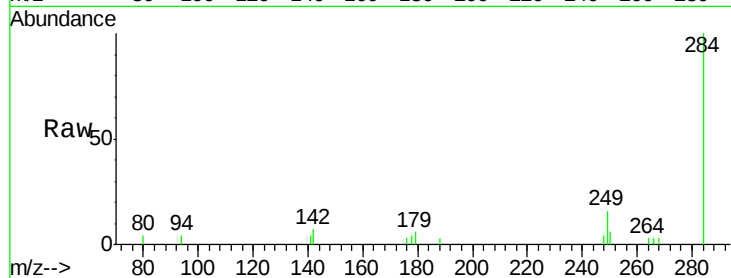




#21
Hexachlorobenzene
Concen: 0.52 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

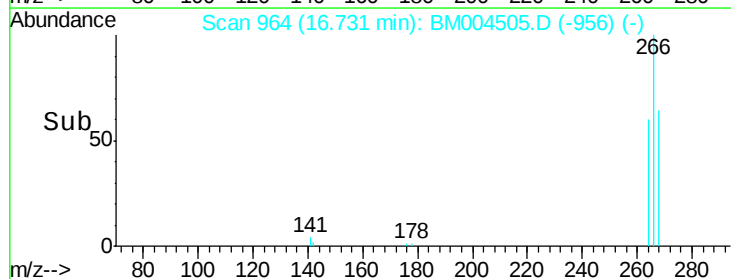
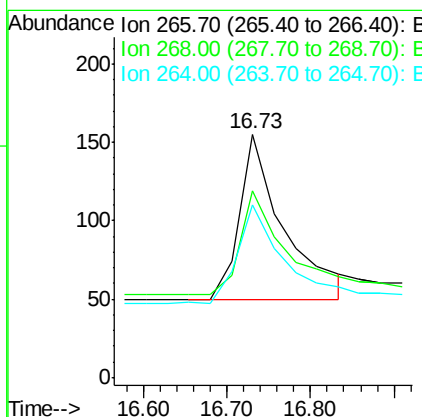
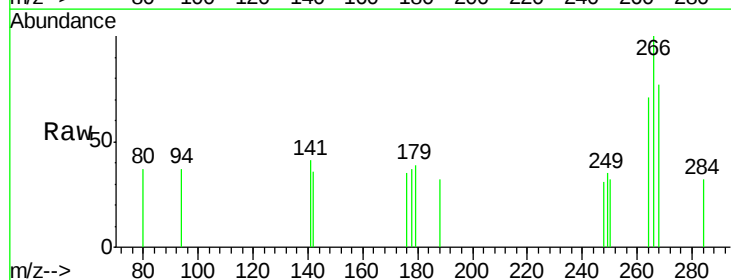
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.8

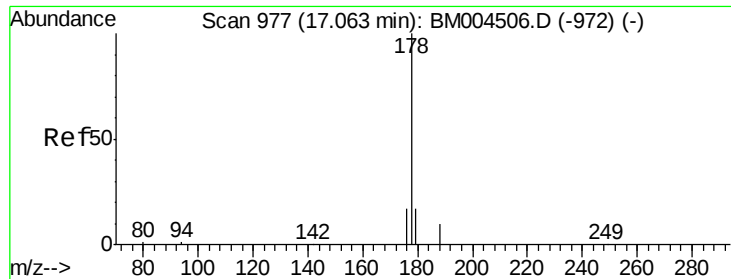
Tgt Ion: 284 Resp: 2937
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.28 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

Tgt Ion: 266 Resp: 386
Ion Ratio Lower Upper
266 100
268 76.8 62.1 93.1
264 71.0 57.9 86.9

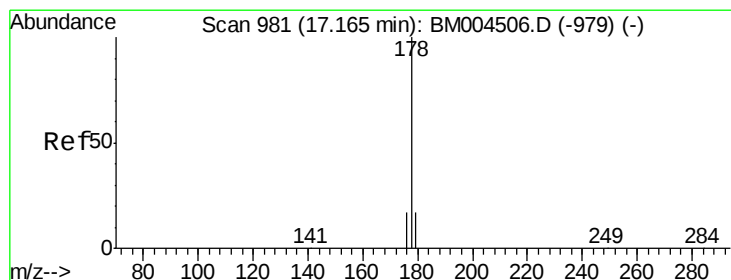
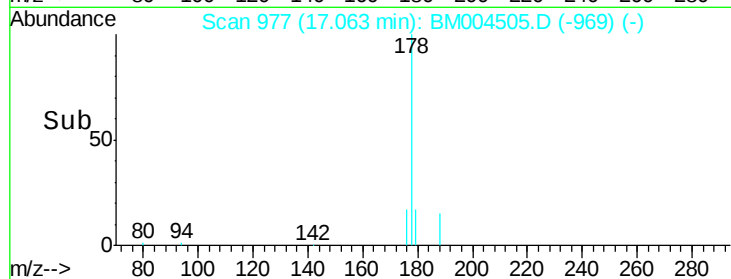
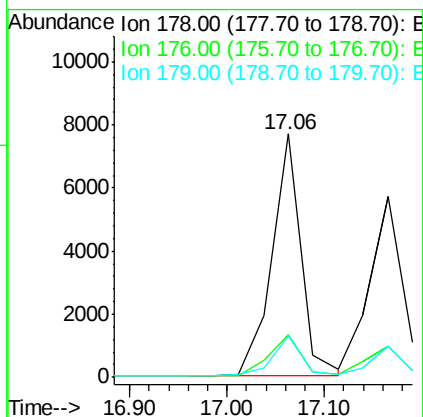
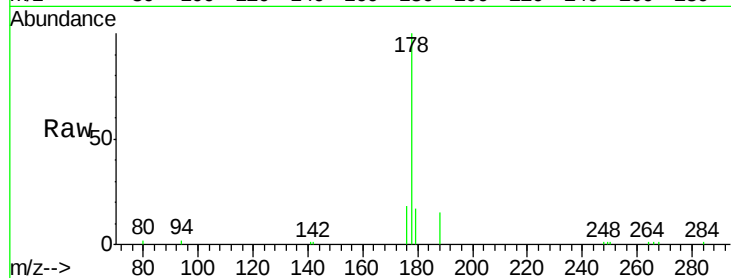




#23
Phenanthrene
Concen: 0.49 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

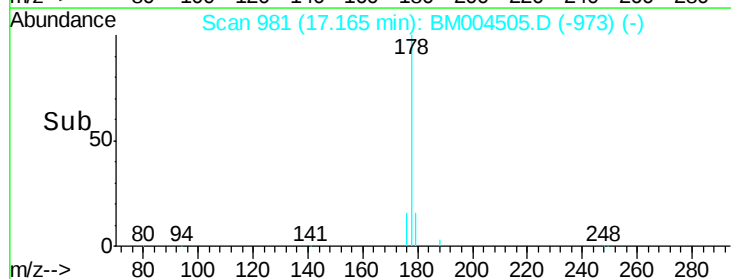
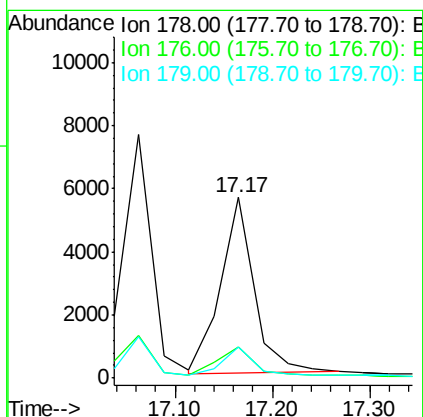
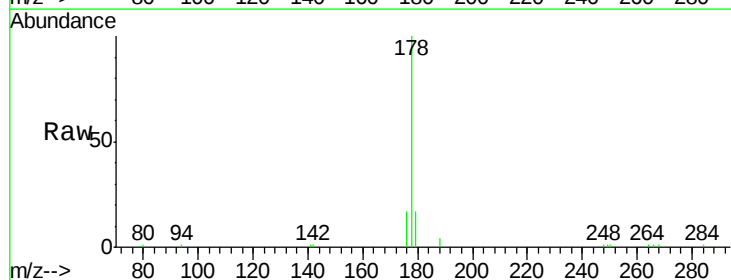
Instrument :
BNA_F
ClientSampleId :
SSTDIC0.8

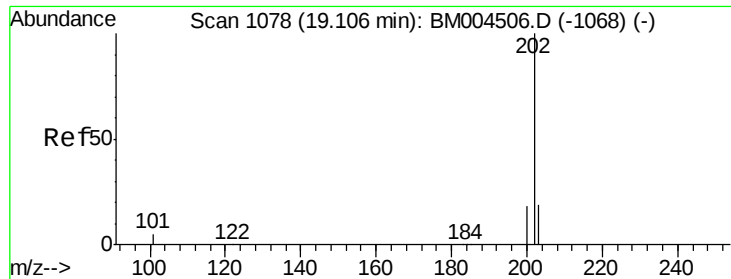
Tgt Ion:178 Resp: 15981
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 16.3 12.9 19.3



#24
Anthracene
Concen: 0.49 ng
RT: 17.17 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM004505.D
Acq: 01 Mar 2016 23:31

Tgt Ion:178 Resp: 13409
Ion Ratio Lower Upper
178 100
176 18.2 12.7 19.1
179 15.1 10.4 15.6

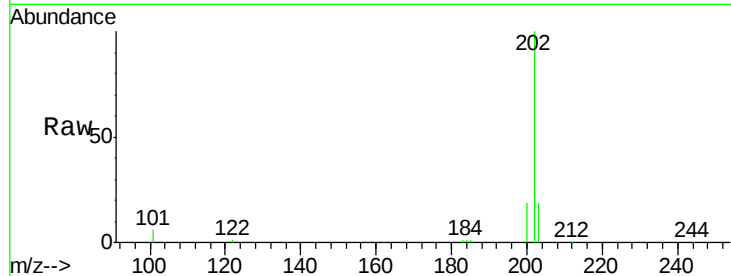




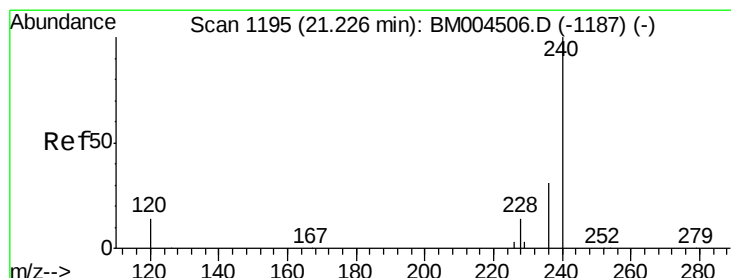
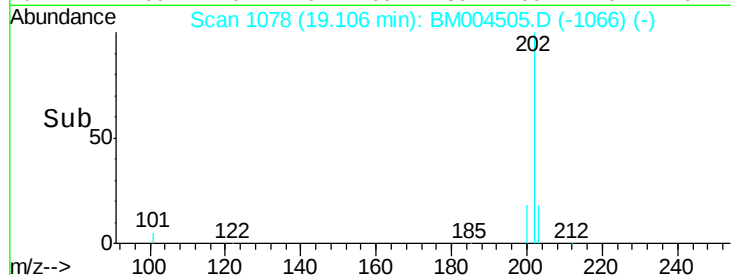
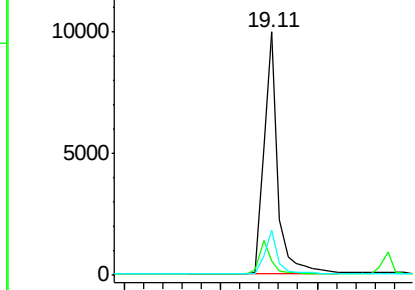
#25
 Fluoranthene
 Concen: 0.58 ng
 RT: 19.11 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BM004505.D
 Acq: 01 Mar 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC0.8

Tgt Ion: 202 Resp: 20059
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.9 14.9
 203 17.3 13.8 20.8

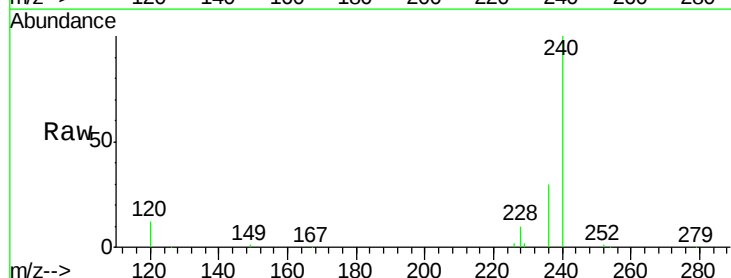


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

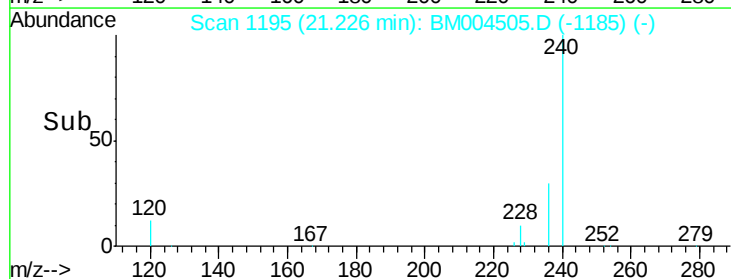
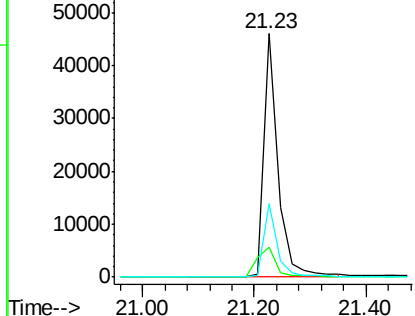


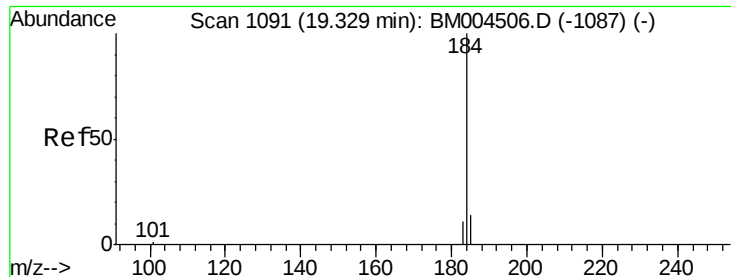
#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BM004505.D
 Acq: 01 Mar 2016 23:31

Tgt Ion: 240 Resp: 80036
 Ion Ratio Lower Upper
 240 100
 120 12.0 11.7 17.5
 236 30.0 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: 0.43 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

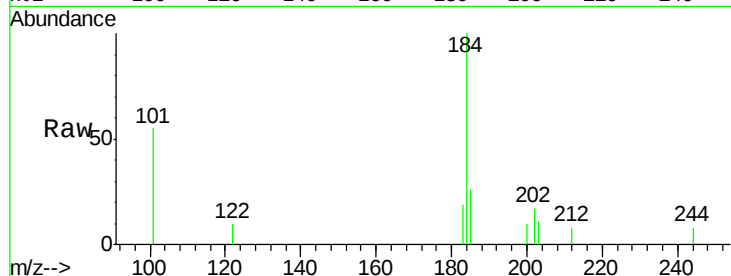
Tgt Ion:184 Resp: 3602

Ion Ratio Lower Upper

184 100

185 25.7 15.4 23.0#

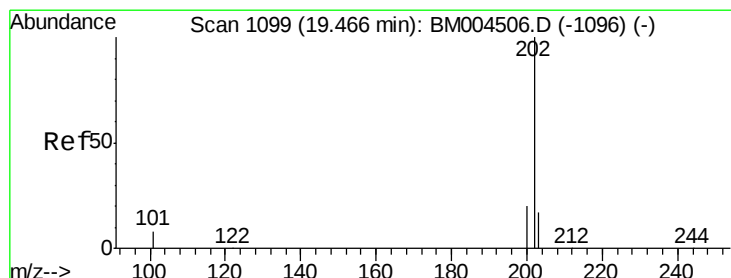
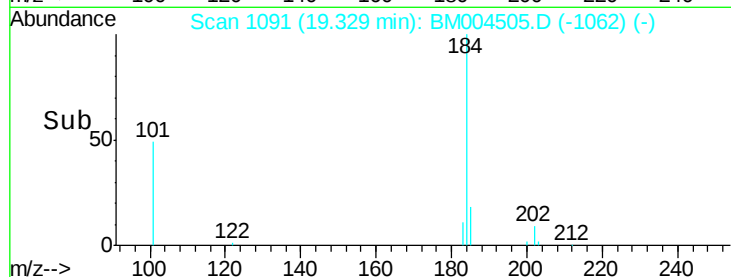
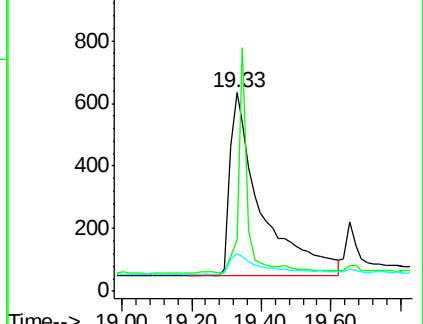
183 19.1 13.3 19.9



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: 0.67 ng

RT: 19.47 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

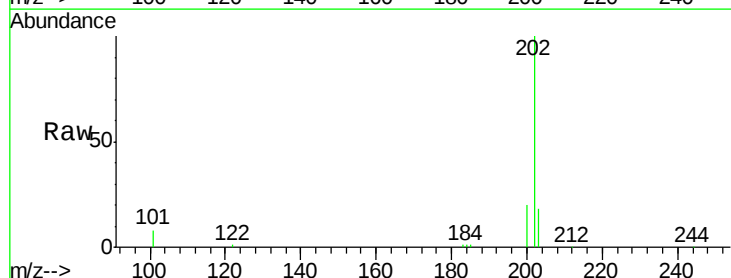
Tgt Ion:202 Resp: 20951

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

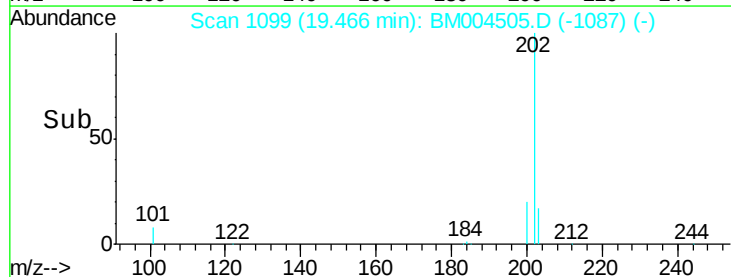
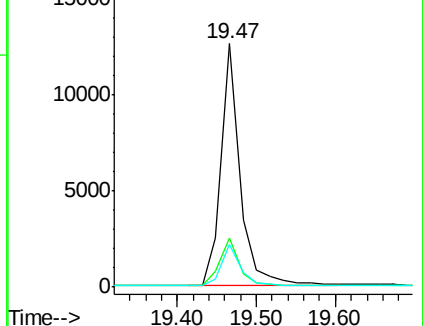
203 17.5 13.8 20.8

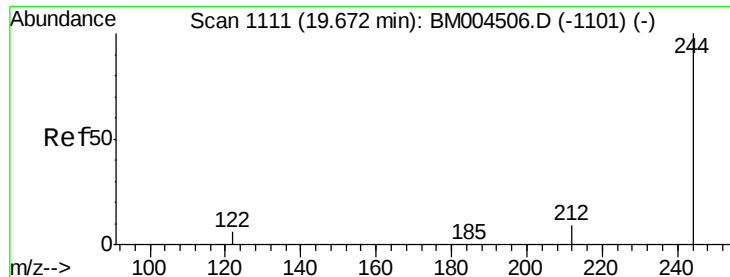


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.94 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

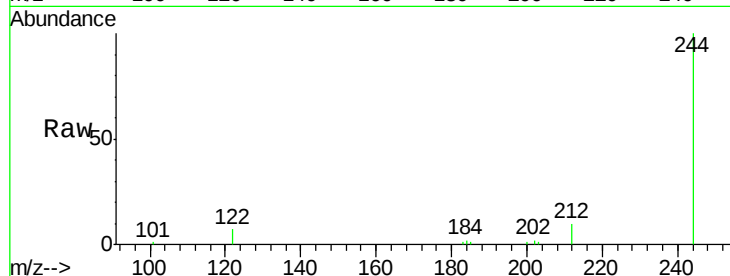
Tgt Ion:244 Resp: 10147

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

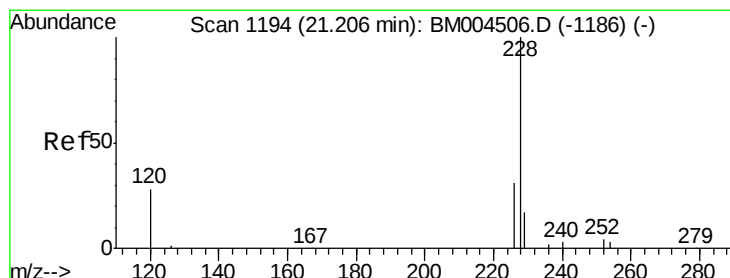
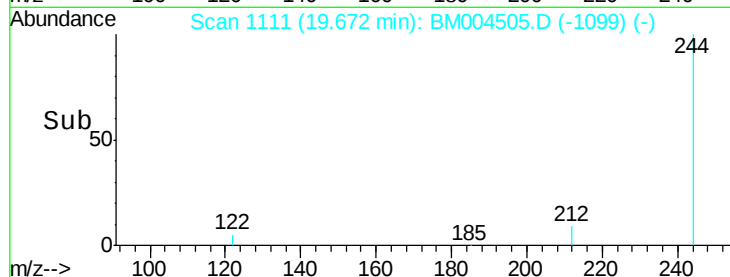
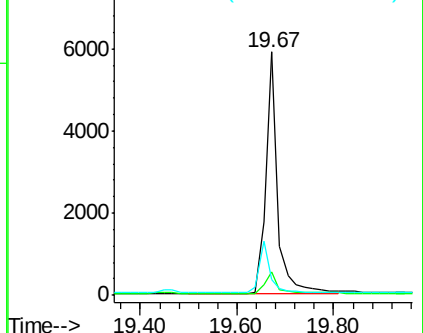
122 6.5 5.4 8.2



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: 0.66 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

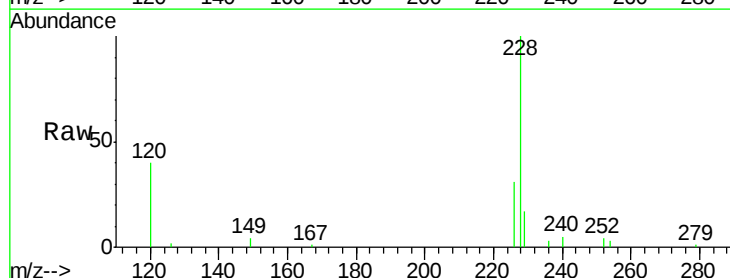
Tgt Ion:228 Resp: 19405

Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

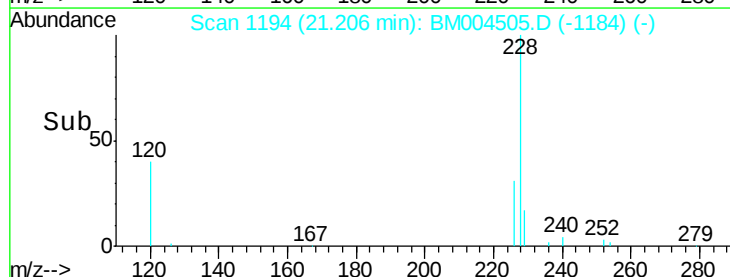
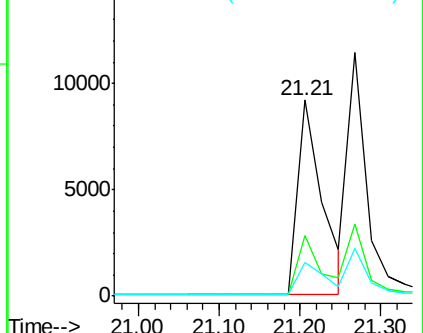
229 17.4 13.9 20.9

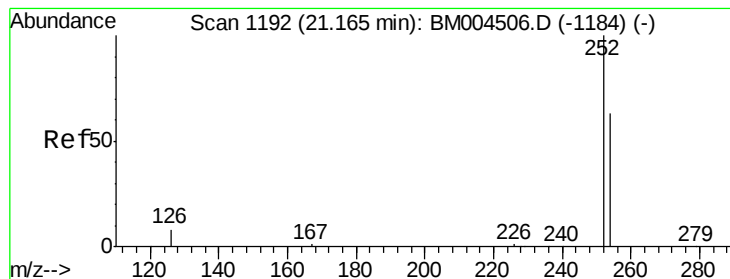


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.31 ng

RT: 21.16 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

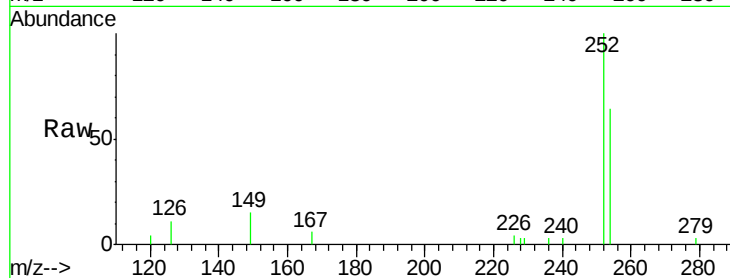
Tgt Ion:252 Resp: 5234

Ion Ratio Lower Upper

252 100

254 64.3 51.1 76.7

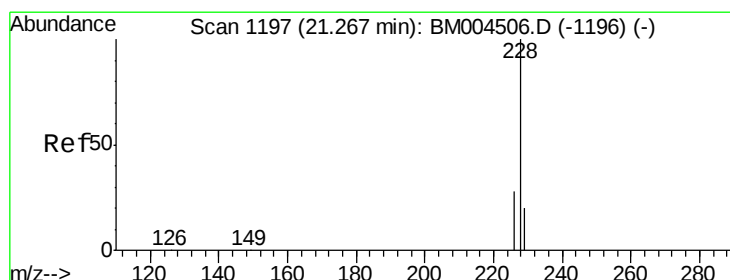
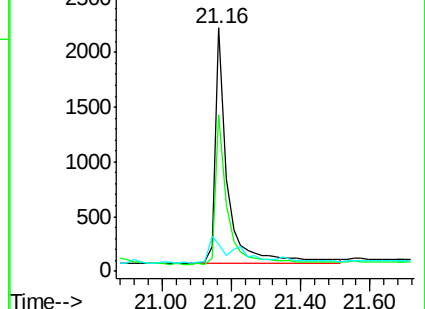
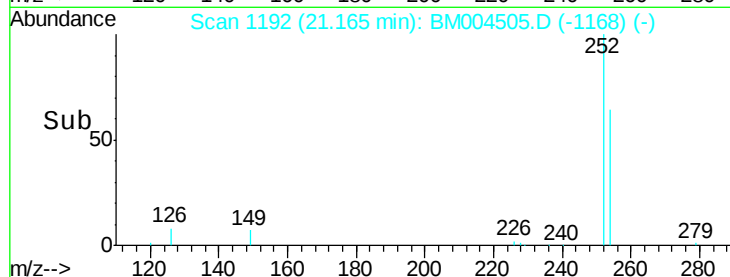
126 11.0 8.4 12.6



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: 0.31 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

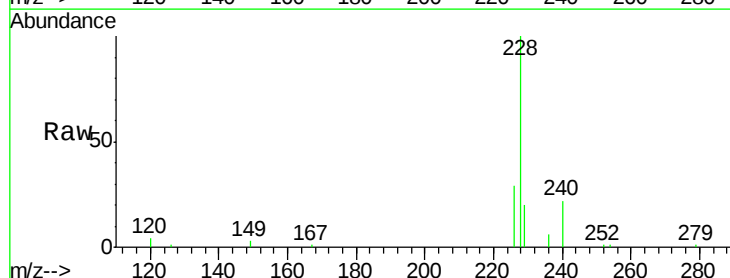
Tgt Ion:228 Resp: 18468

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

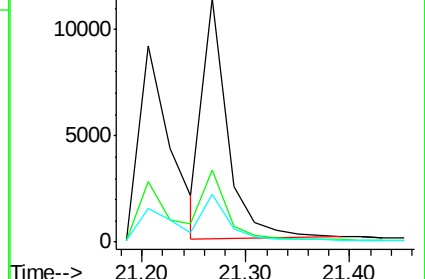
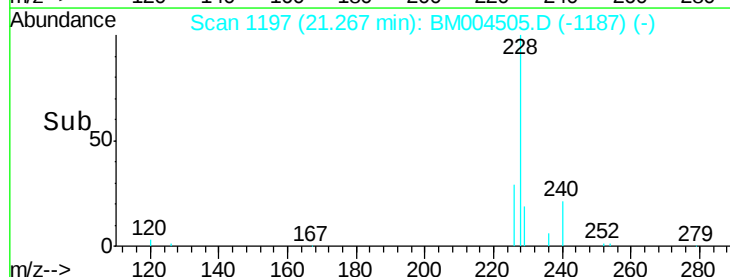
229 19.8 15.8 23.6

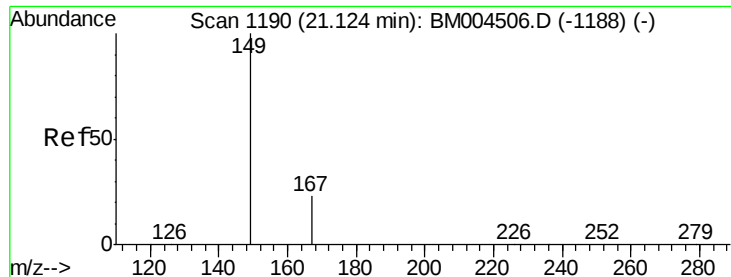


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.60 ng

RT: 21.12 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

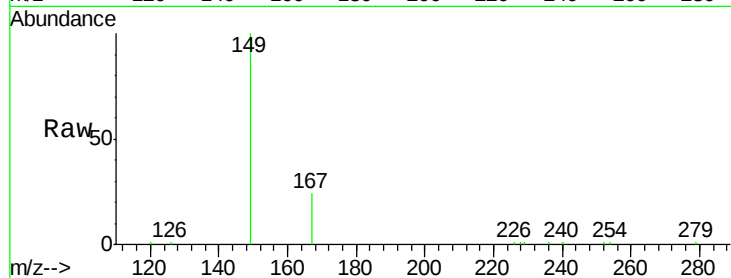
Tgt Ion:149 Resp: 13166

Ion Ratio Lower Upper

149 100

167 25.2 19.9 29.9

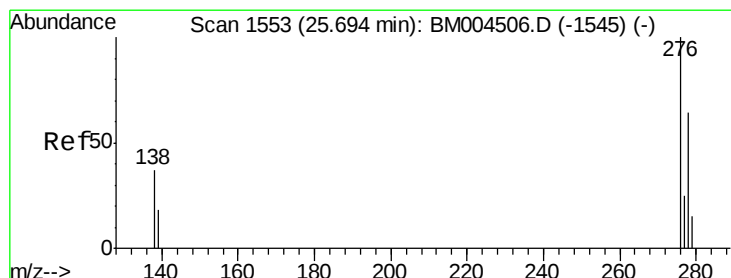
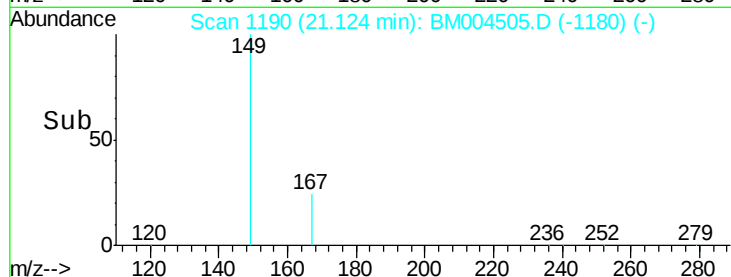
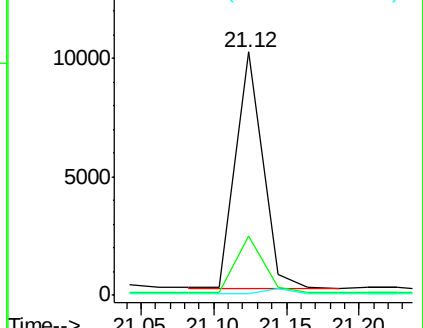
279 0.0 0.0 0.0



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: 0.58 ng

RT: 25.70 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

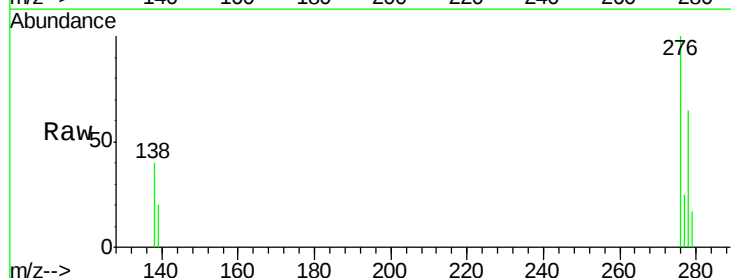
Tgt Ion:276 Resp: 15611

Ion Ratio Lower Upper

276 100

138 38.8 31.0 46.4

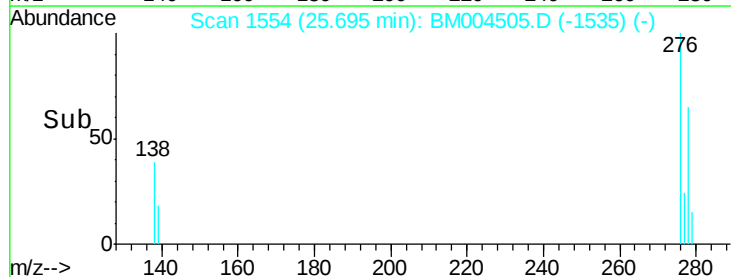
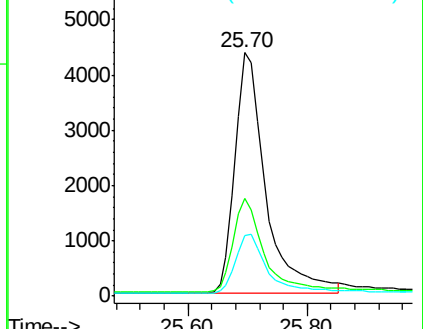
277 24.9 19.9 29.9

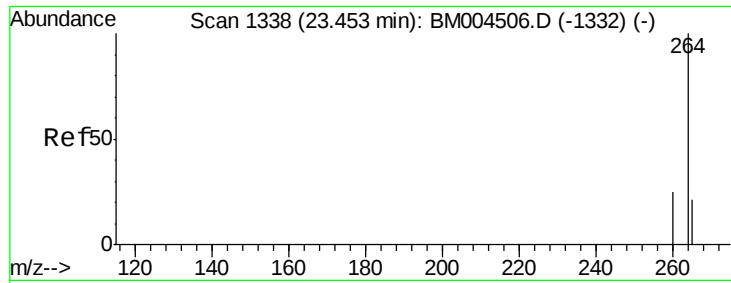


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

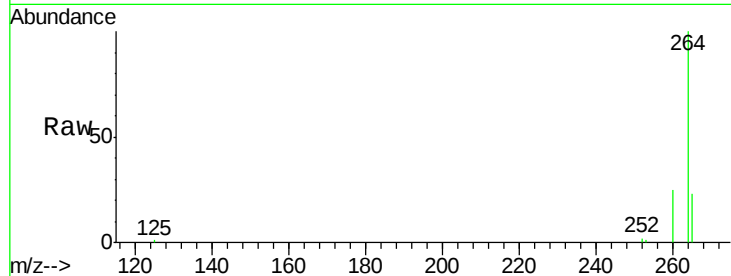
Tgt Ion:264 Resp: 69864

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

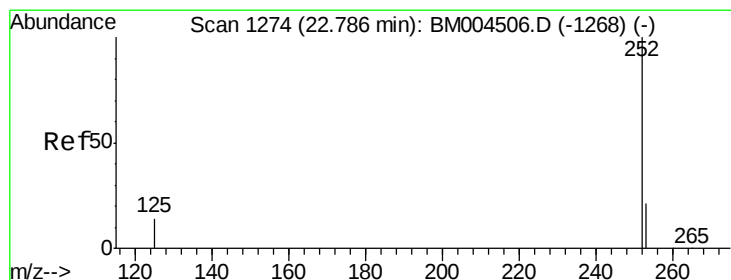
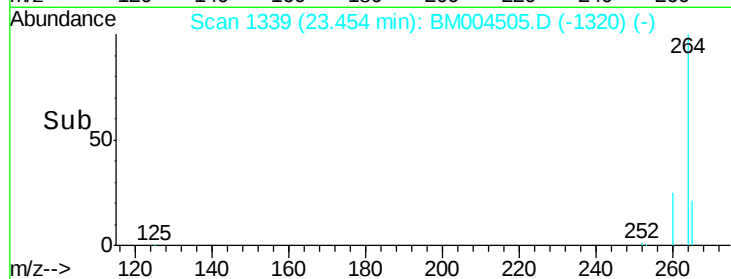
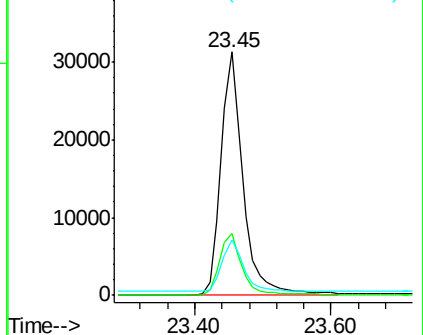
265 22.8 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#36

Benzo(b)fluoranthene

Concen: 0.63 ng

RT: 22.79 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

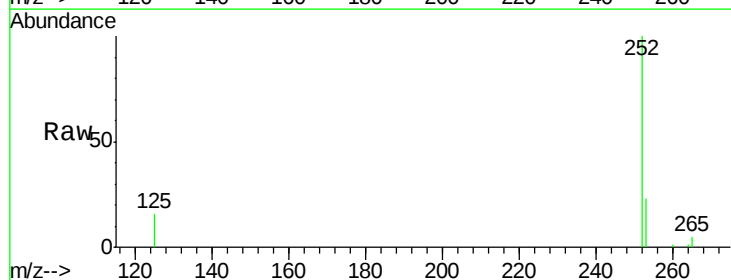
Tgt Ion:252 Resp: 16518

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

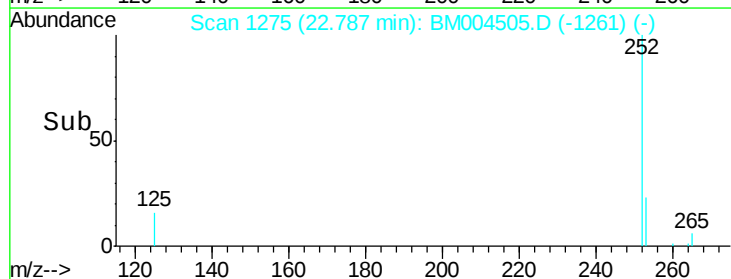
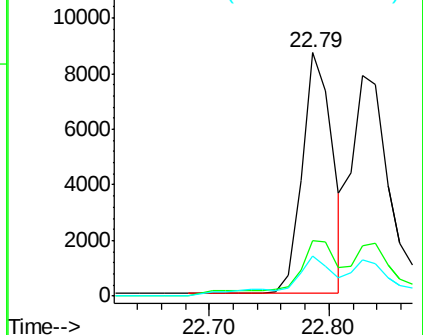
125 16.3 12.8 19.2

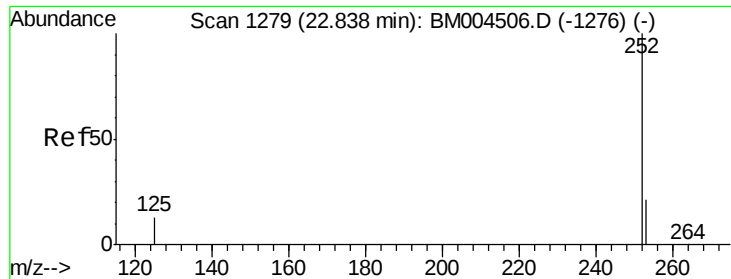


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(k)fluoranthene

Concen: 0.67 ng

RT: 22.83 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8

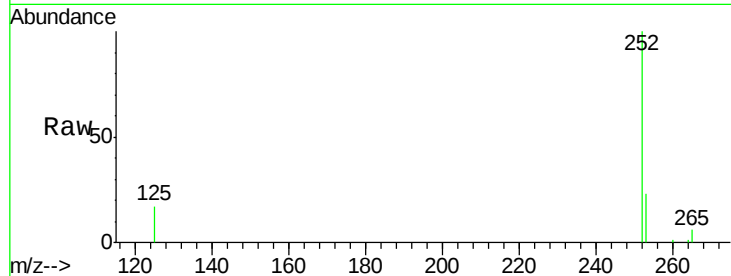
Tgt Ion:252 Resp: 17739

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.2

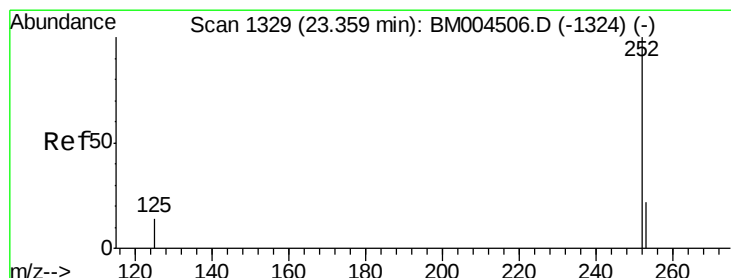
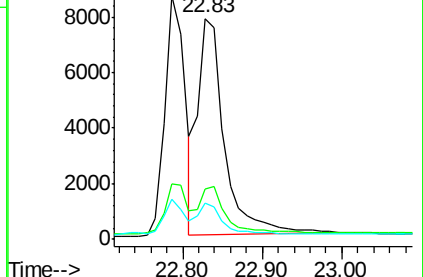
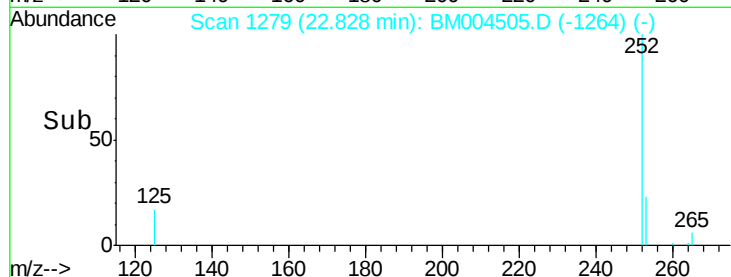
125 16.5 11.8 17.8



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: 0.64 ng

RT: 23.36 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

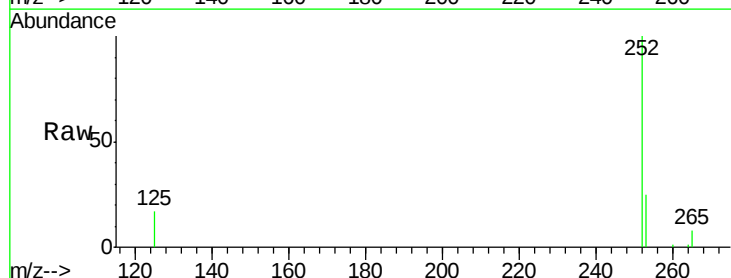
Tgt Ion:252 Resp: 15275

Ion Ratio Lower Upper

252 100

253 25.1 20.0 30.0

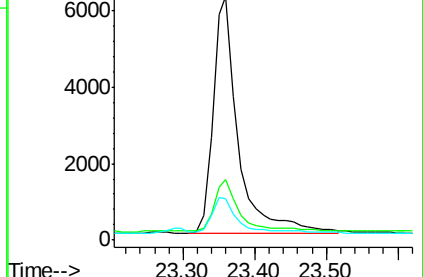
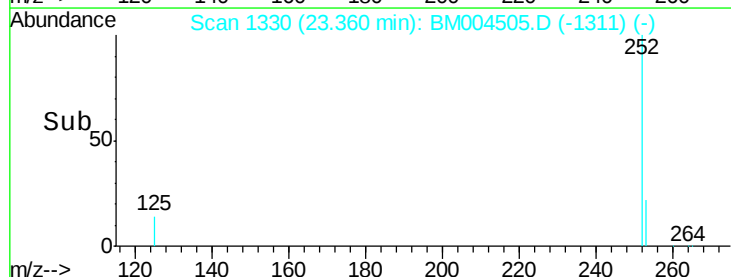
125 17.0 13.4 20.0

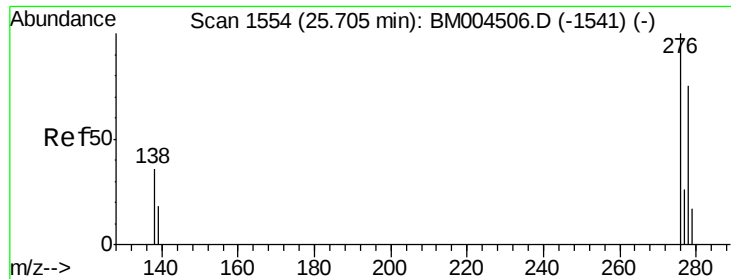


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.58 ng

RT: 25.71 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BM004505.D

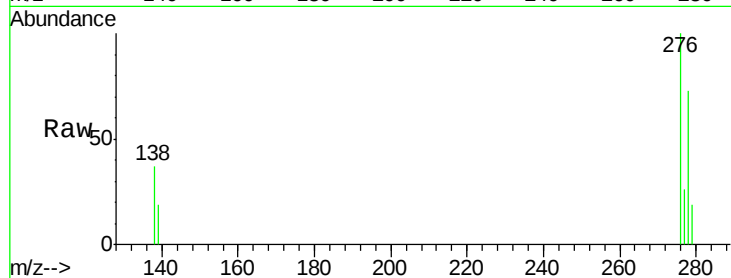
Acq: 01 Mar 2016 23:31

Instrument :

BNA_F

ClientSampleId :

SSTDIC0.8



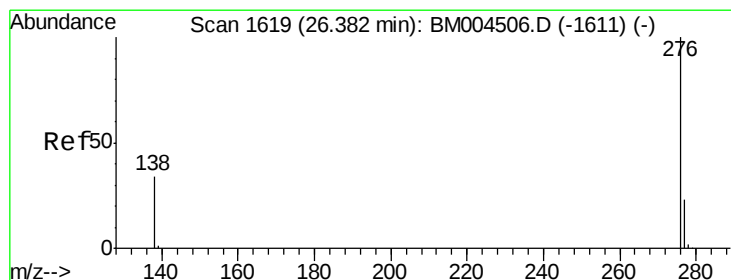
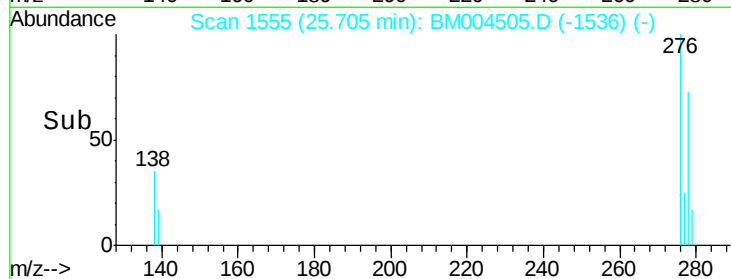
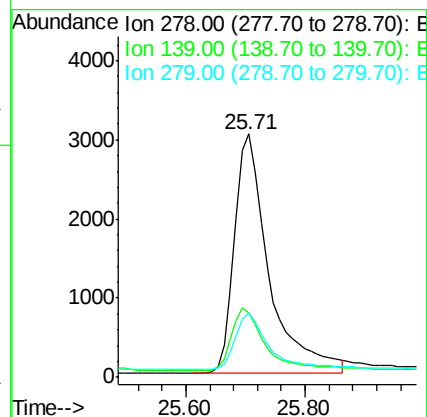
Tgt Ion: 278 Resp: 12141

Ion Ratio Lower Upper

278 100

139 26.3 20.9 31.3

279 26.2 20.4 30.6



#40

Benzo(g,h,i)perylene

Concen: 0.60 ng

RT: 26.38 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BM004505.D

Acq: 01 Mar 2016 23:31

Tgt Ion: 276 Resp: 13779

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.0

138 35.3 28.2 42.2

