

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004485.D
 Acq On : 01 Mar 2016 00:48
 Operator : SJ/UM
 Sample : PB88423BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BS

Quant Time: Mar 01 05:17:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:52:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18443	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	72646	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	38265	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	80780	5.00	ng	0.00
26) Chrysene-d12	21.23	240	73012	5.00	ng	-0.01
35) Perylene-d12	23.45	264	67464	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	30409	7.10	ng	-0.02
5) Phenol-d6	6.80	99	37553	7.75	ng	-0.02
8) Nitrobenzene-d5	8.77	82	15852	4.29	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	10262	6.98	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	51100	4.36	ng	0.00
29) Terphenyl-d14	19.67	244	43389	4.62	ng	0.00

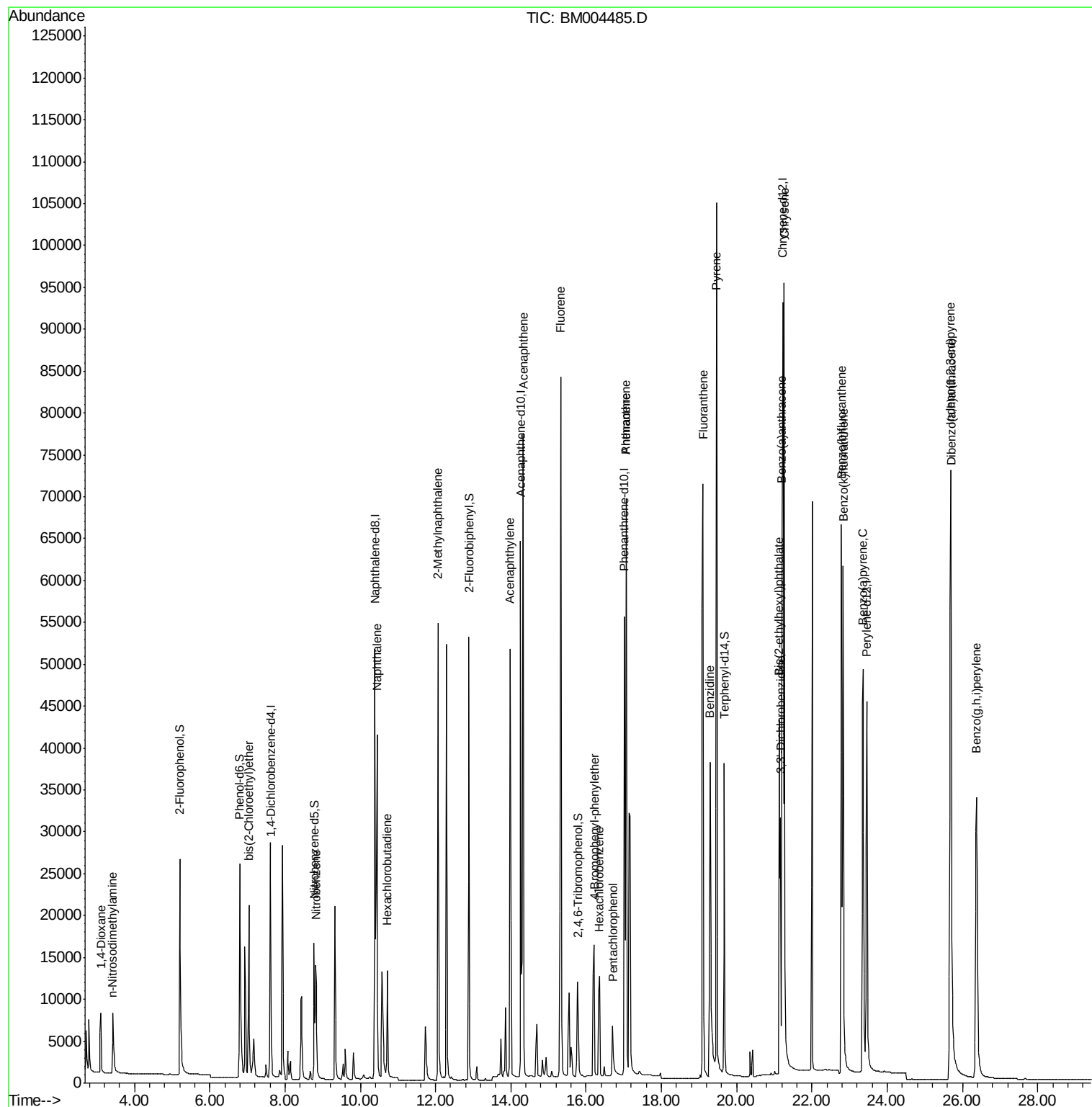
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	6354	3.89	ng	89
3) n-Nitrosodimethylamine	3.41	42	5828	3.11	ng	95
6) bis(2-Chloroethyl)ether	7.04	93	16374	3.20	ng	97
9) Nitrobenzene	8.82	77	16300	3.26	ng	98
10) Naphthalene	10.44	128	63561	3.14	ng	98
11) Hexachlorobutadiene	10.72	225	10601	3.17	ng	99
12) 2-Methylnaphthalene	12.07	142	43967	3.48	ng	100
16) Acenaphthylene	13.97	152	72350	3.30	ng	100
17) Acenaphthene	14.33	154	44550	3.11	ng	99
18) Fluorene	15.33	166	57715	3.30	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	12240	3.16	ng	# 89
21) Hexachlorobenzene	16.35	284	16506	3.49	ng	# 100
22) Pentachlorophenol	16.70	266	7062	6.39	ng	88
23) Phenanthrene	17.06	178	89540	3.34	ng	99
24) Anthracene	17.06	178	89534	3.73	ng	97
25) Fluoranthene	19.11	202	96860	3.17	ng	99
27) Benzidine	19.29	184	79550	7.03	ng	# 88
28) Pyrene	19.47	202	104268	3.61	ng	100
30) Benzo(a)anthracene	21.21	228	85994	3.19	ng	93
31) 3,3'-Dichlorobenzidine	21.16	252	33468	2.00	ng	# 94
32) Chrysene	21.27	228	87747	2.84	ng	95
33) Bis(2-ethylhexyl)phthalate	21.12	149	57143	2.73	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.68	276	85530	3.42	ng	100
36) Benzo(b)fluoranthene	22.79	252	112243	4.27	ng	97
37) Benzo(k)fluoranthene	22.83	252	83672	3.23	ng	97
38) Benzo(a)pyrene	23.36	252	79696	3.35	ng	97
39) Dibenzo(a,h)anthracene	25.69	278	67340	3.26	ng	97
40) Benzo(g,h,i)perylene	26.37	276	73268	3.23	ng	99

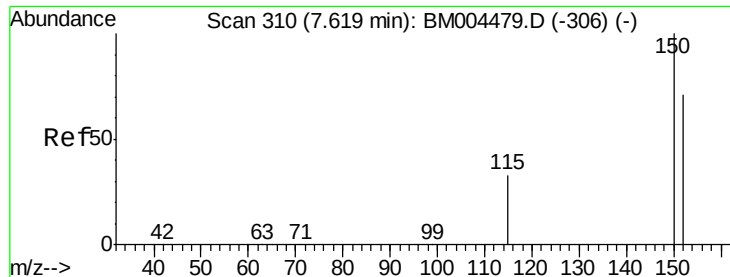
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.00 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

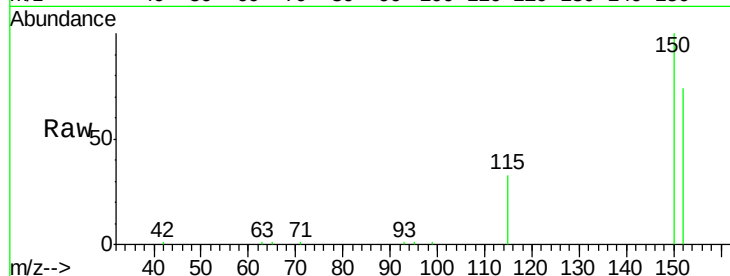
Tgt Ion:152 Resp: 18443

Ion Ratio Lower Upper

152 100

150 135.8 111.9 167.9

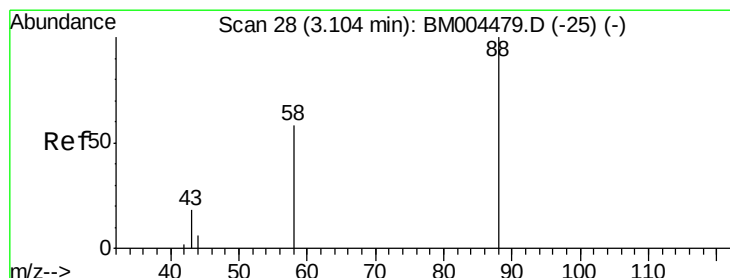
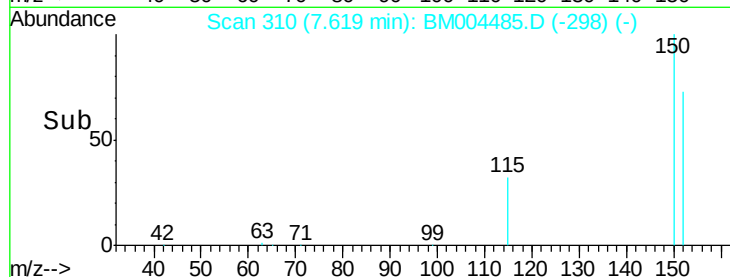
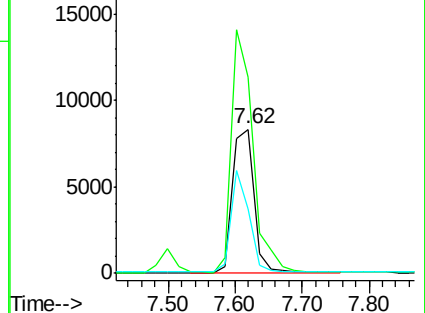
115 44.7 37.7 56.5



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: 3.89 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

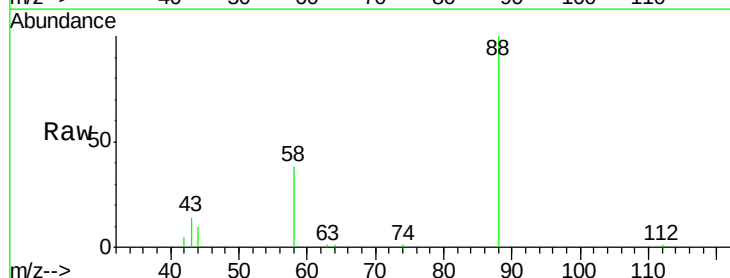
Tgt Ion: 88 Resp: 6354

Ion Ratio Lower Upper

88 100

58 66.3 45.4 68.0

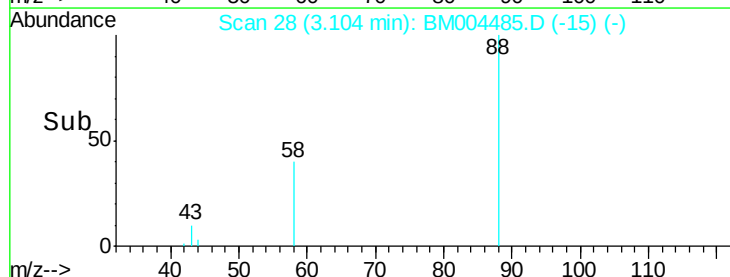
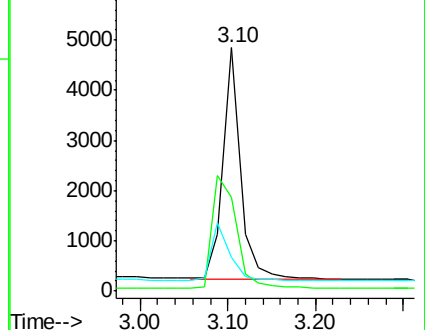
43 26.6 19.3 28.9

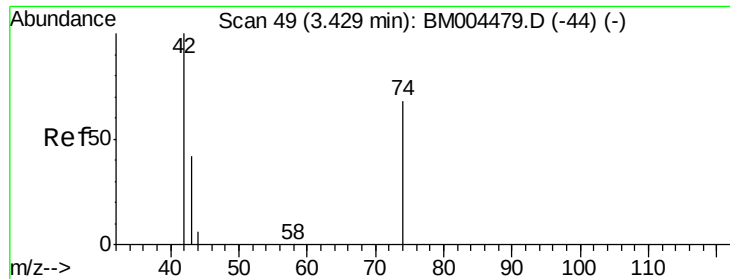


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.11 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

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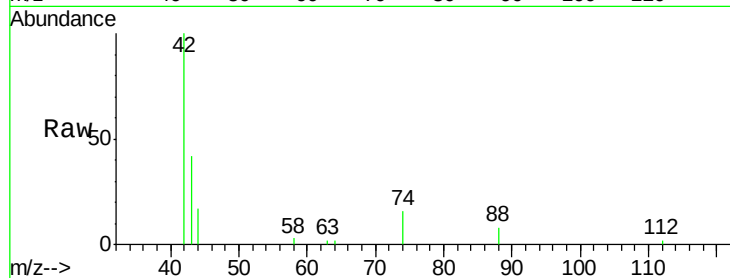
Tgt Ion: 42 Resp: 5828

Ion Ratio Lower Upper

42 100

74 141.0 117.8 176.8

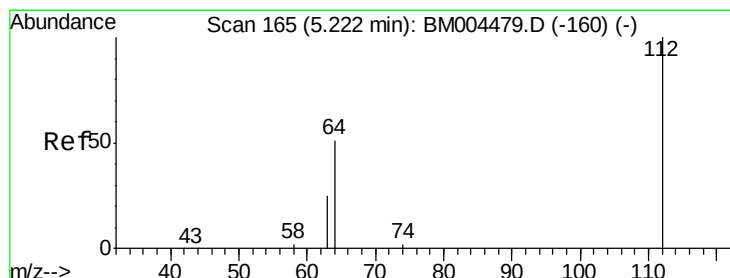
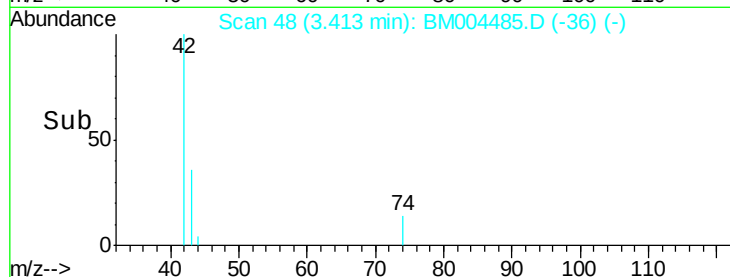
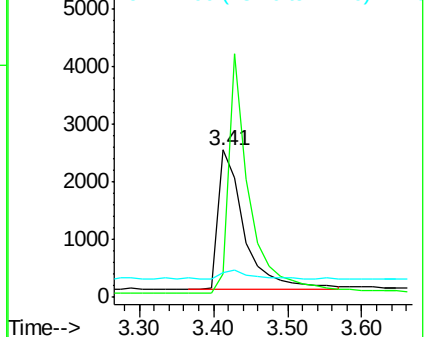
44 7.0 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BM004479.D (-44) (-)

Ion 74.00 (73.70 to 74.70): BM004479.D (-44) (-)

Ion 44.00 (43.70 to 44.70): BM004479.D (-44) (-)



#4

2-Fluorophenol

Concen: 7.10 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

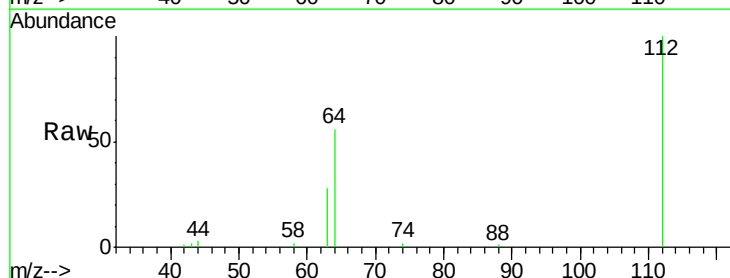
Tgt Ion: 112 Resp: 30409

Ion Ratio Lower Upper

112 100

64 48.9 39.6 59.4

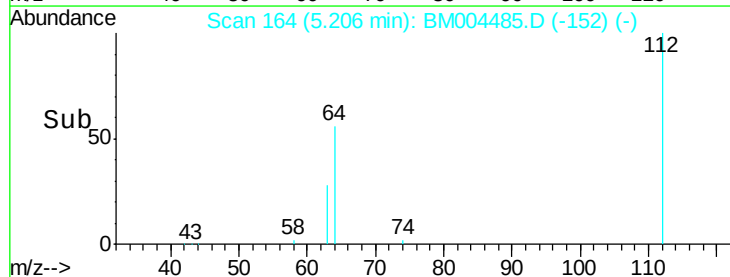
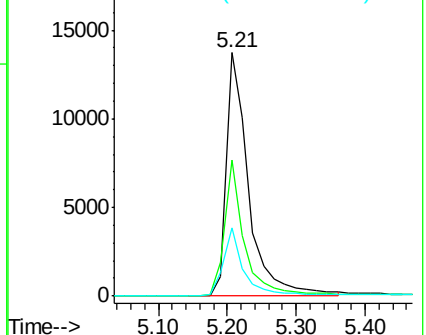
63 24.7 20.0 30.0

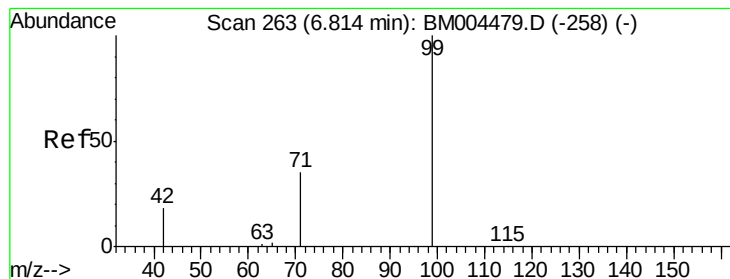


Abundance Ion 112.00 (111.70 to 112.70): BM004479.D (-160) (-)

Ion 64.00 (63.70 to 64.70): BM004479.D (-160) (-)

Ion 63.00 (62.70 to 63.70): BM004479.D (-160) (-)





#5

Phenol-d6

Concen: 7.75 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

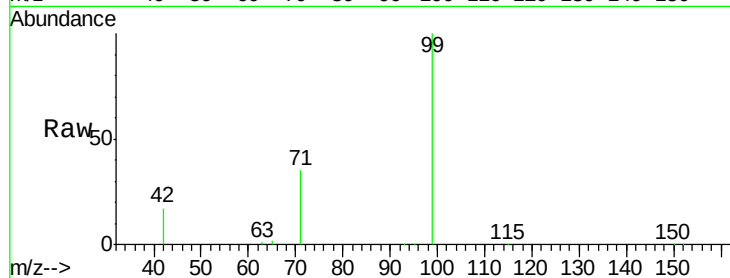
Tgt Ion: 99 Resp: 37553

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

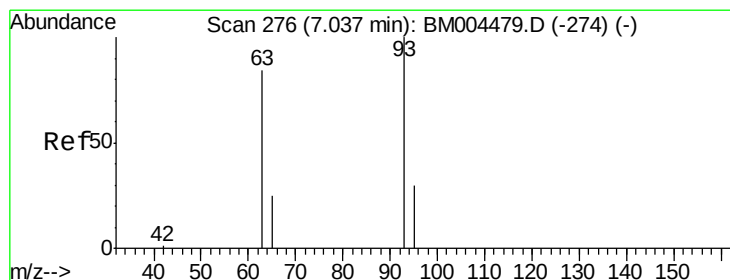
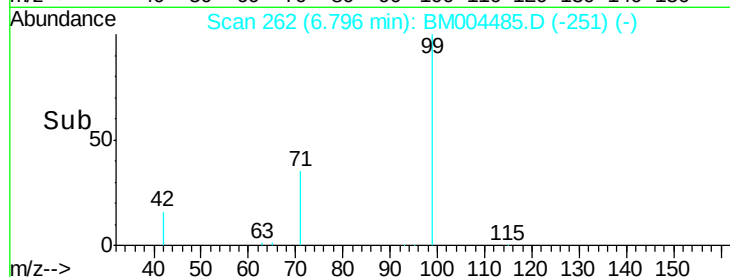
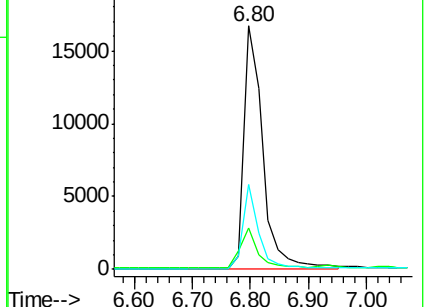
71 29.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004479.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004479.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004479.D (-258) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.20 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.00 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

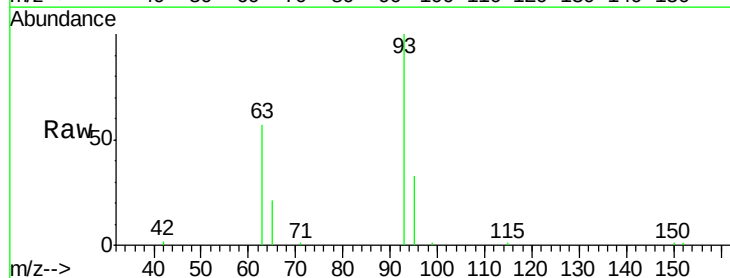
Tgt Ion: 93 Resp: 16374

Ion Ratio Lower Upper

93 100

63 67.4 51.7 77.5

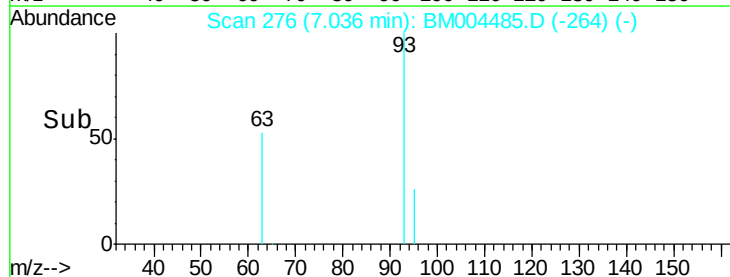
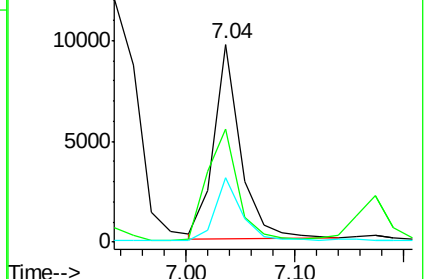
95 32.6 25.4 38.2

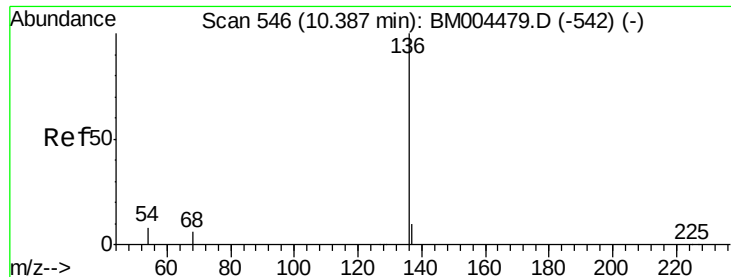


Abundance Ion 93.00 (92.70 to 93.70): BM004479.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004479.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004479.D (-274) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

Tgt Ion:136 Resp: 72646

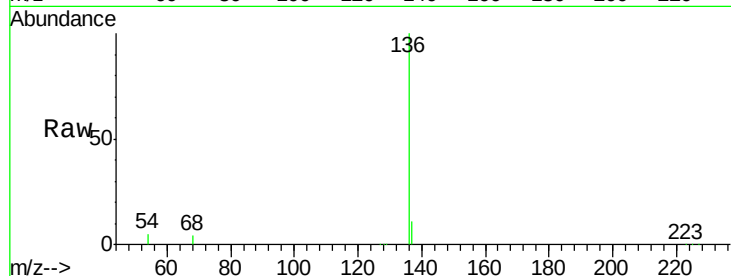
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 5.0 6.4 9.6#

68 4.2 5.0 7.4#

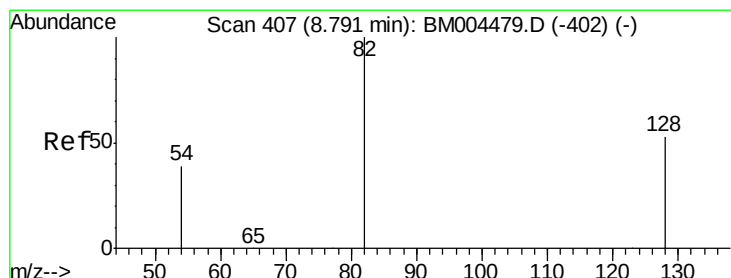
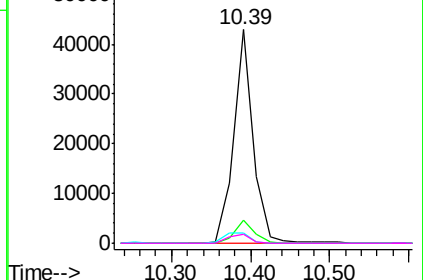
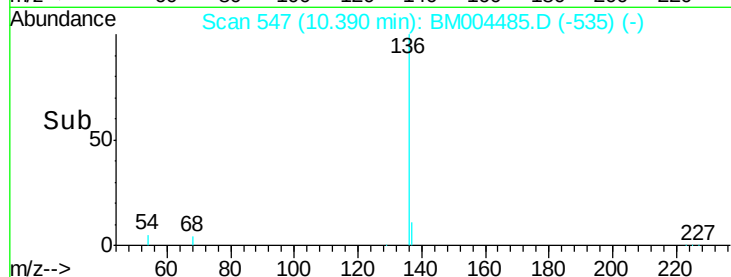


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.29 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

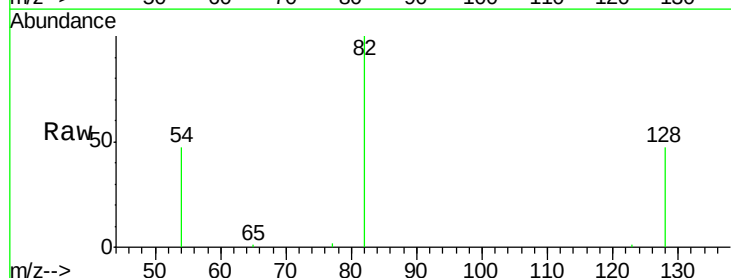
Tgt Ion: 82 Resp: 15852

Ion Ratio Lower Upper

82 100

128 46.6 43.7 65.5

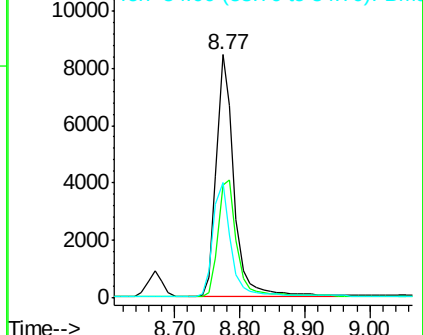
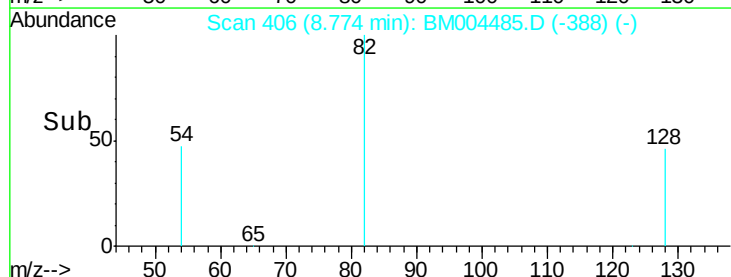
54 47.4 33.5 50.3

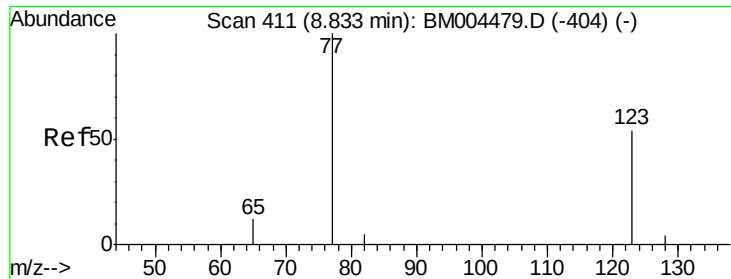


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.26 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

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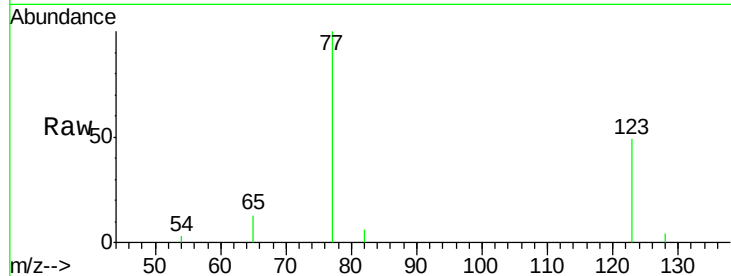
Tgt Ion: 77 Resp: 16300

Ion Ratio Lower Upper

77 100

123 54.0 42.2 63.2

65 12.4 10.0 15.0



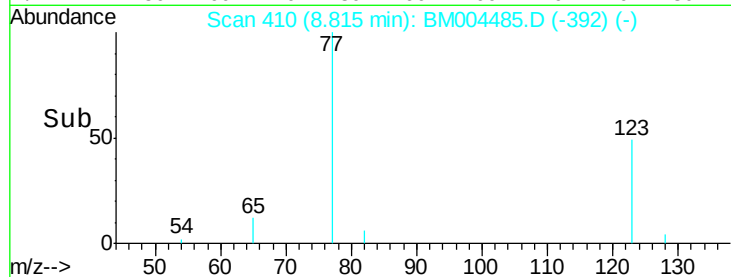
Abundance Ion 77.00 (76.70 to 77.70): BM004479.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM004479.D (-404) (-)

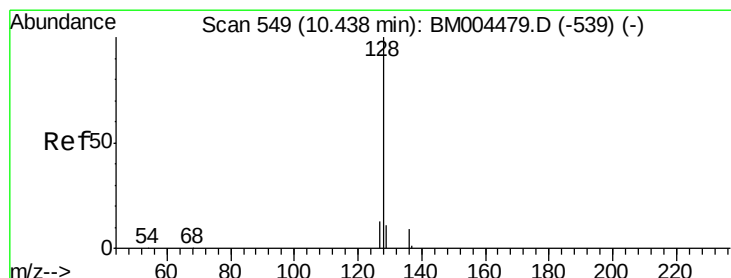
Ion 65.00 (64.70 to 65.70): BM004479.D (-404) (-)

8.82

Time-->



Time-->



#10

Naphthalene

Concen: 3.14 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

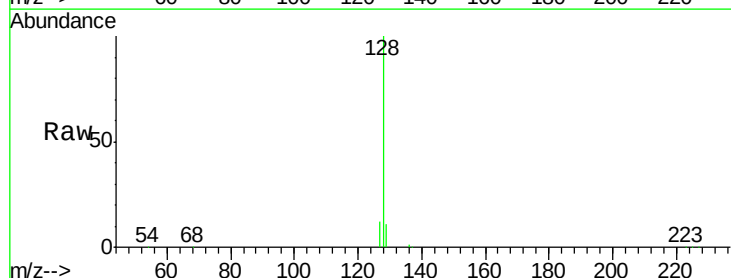
Tgt Ion: 128 Resp: 63561

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 12.1 10.9 16.3



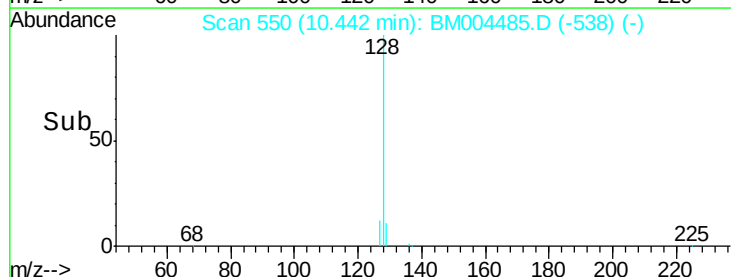
Abundance Ion 128.00 (127.70 to 128.70): BM004479.D (-539) (-)

Ion 129.00 (128.70 to 129.70): BM004479.D (-539) (-)

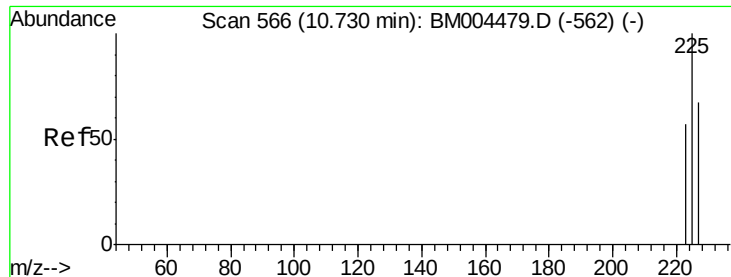
Ion 127.00 (126.70 to 127.70): BM004479.D (-539) (-)

10.44

Time-->



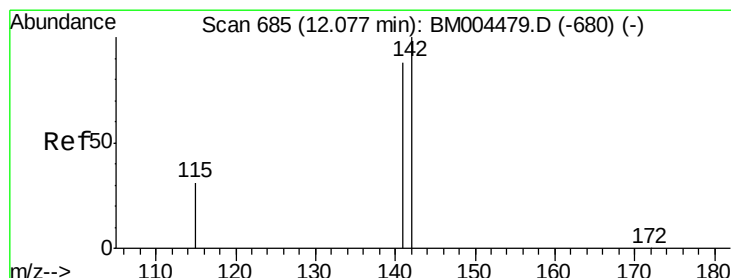
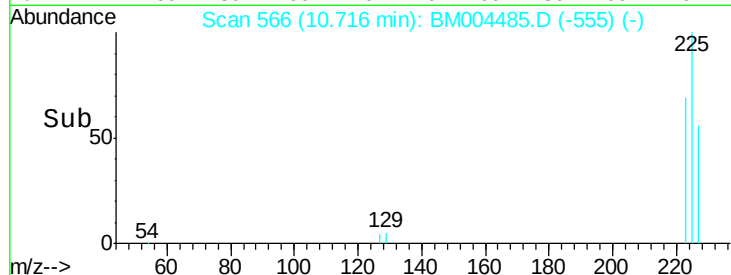
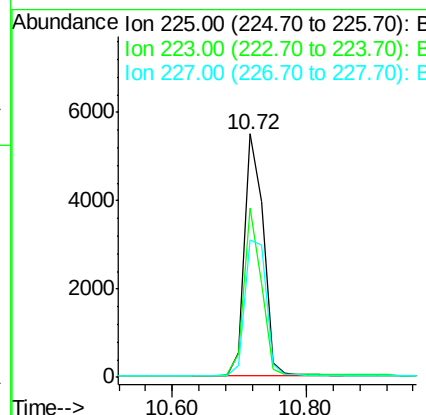
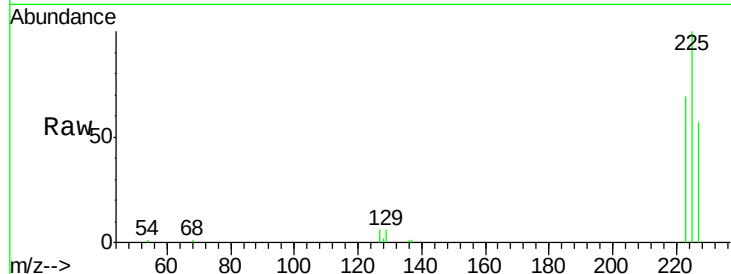
Time-->



#11
Hexachlorobutadiene
Concen: 3.17 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.01 min
Lab File: BM004485.D
Acq: 01 Mar 2016 00:48

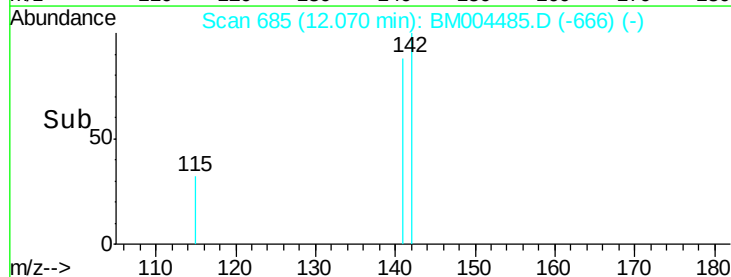
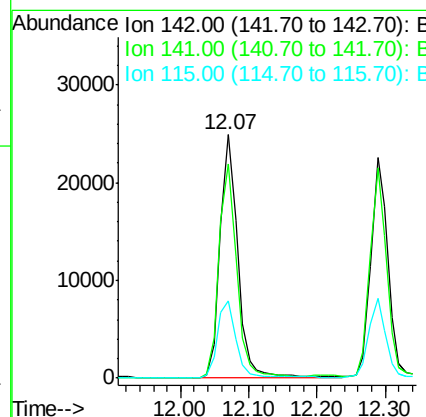
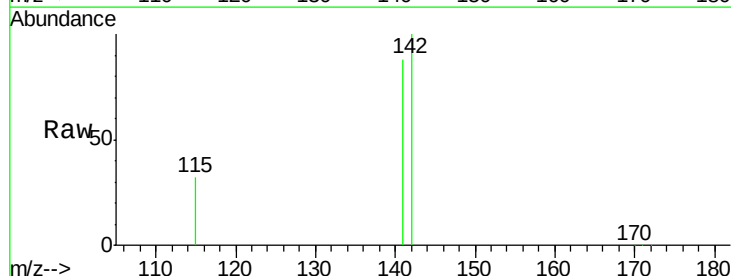
Instrument :
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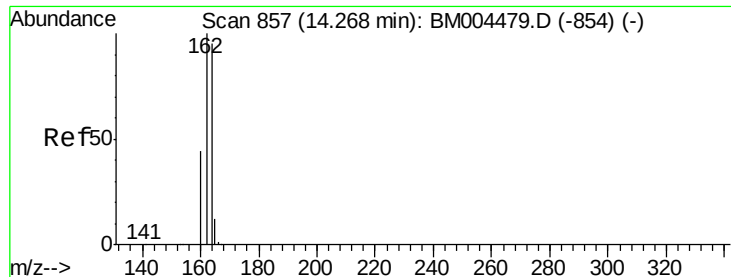
Tgt Ion: 225 Resp: 10601
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 63.6 50.6 75.8



#12
2-Methylnaphthalene
Concen: 3.48 ng
RT: 12.07 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM004485.D
Acq: 01 Mar 2016 00:48

Tgt Ion: 142 Resp: 43967
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.2
115 31.9 25.8 38.6





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

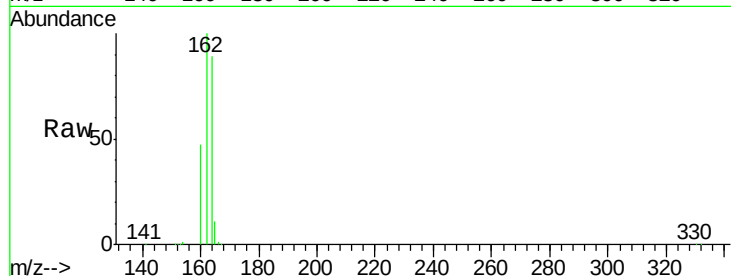
Tgt Ion:164 Resp: 38265

Ion Ratio Lower Upper

164 100

162 112.1 84.2 126.4

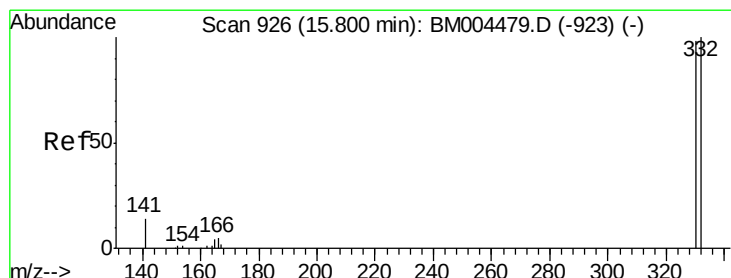
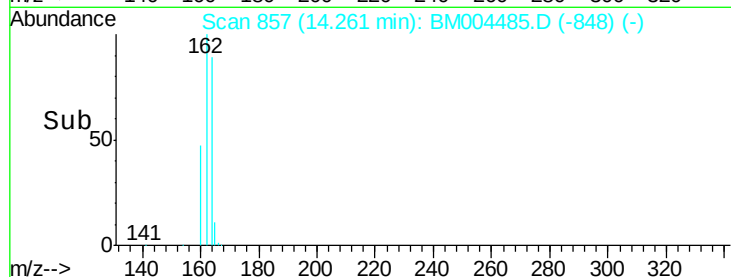
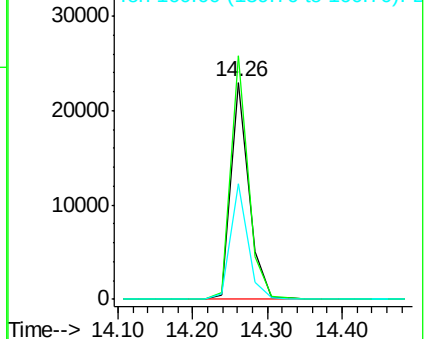
160 53.0 37.4 56.2



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: 6.98 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

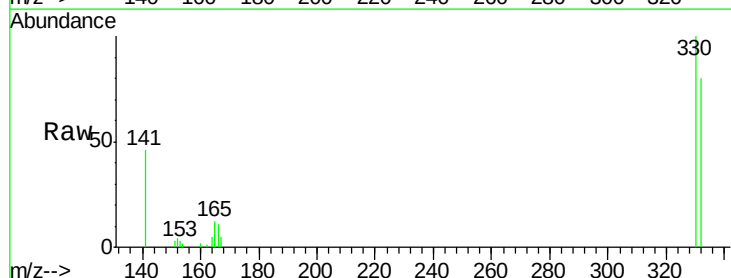
Tgt Ion:330 Resp: 10262

Ion Ratio Lower Upper

330 100

332 93.7 76.1 114.1

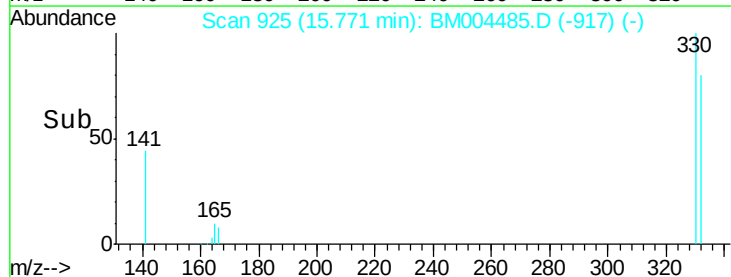
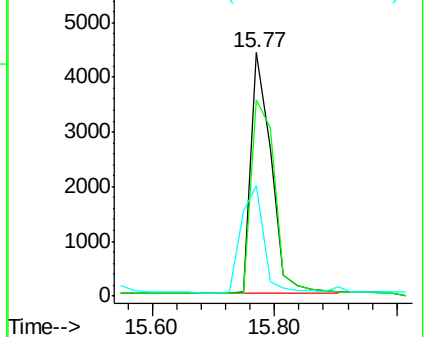
141 49.8 0.0 0.0#

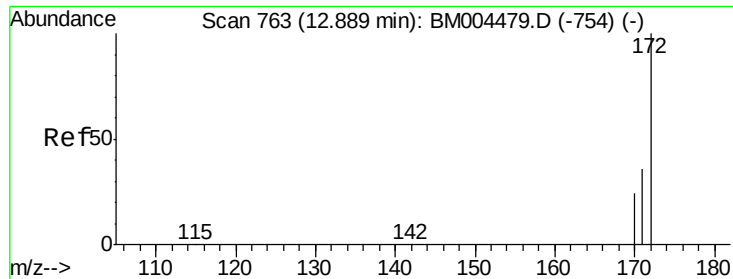


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

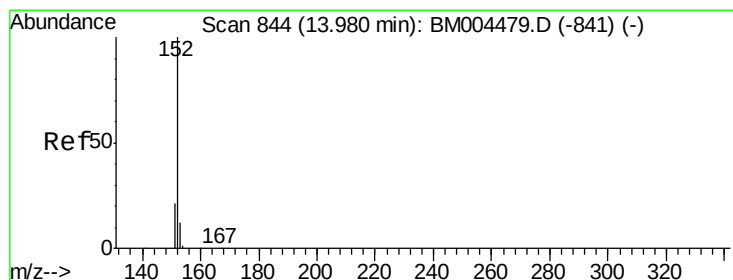
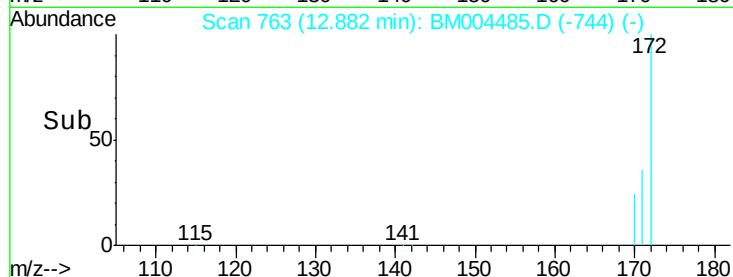
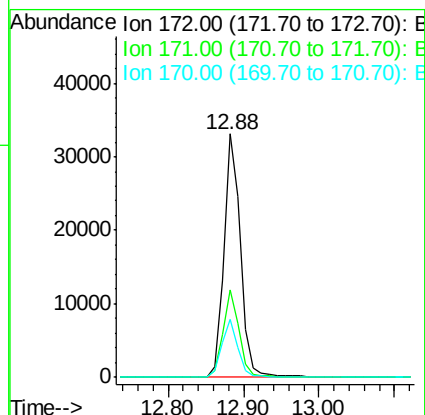
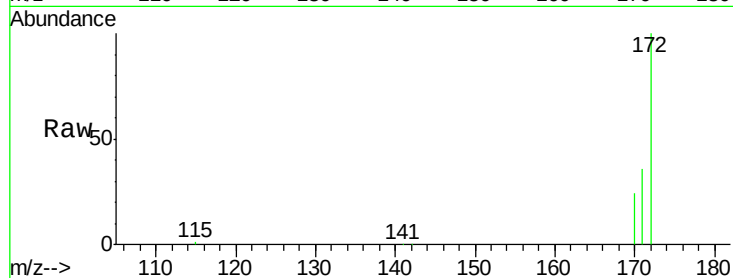




#15
2-Fluorobiphenyl
Concen: 4.36 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM004485.D
Acq: 01 Mar 2016 00:48

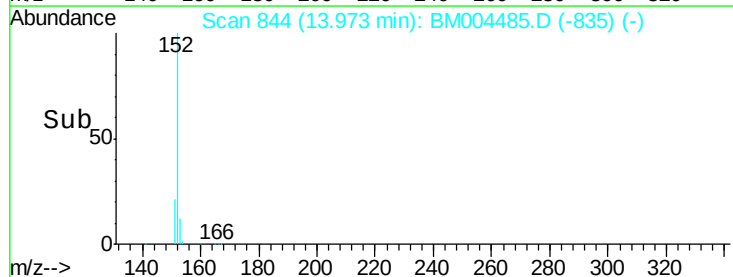
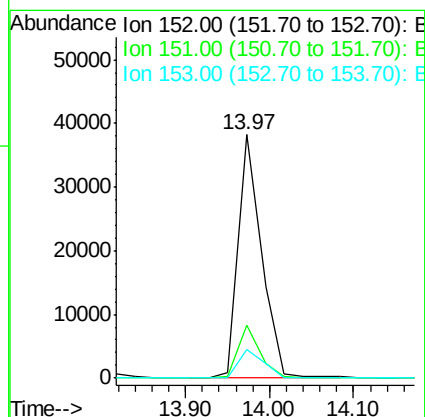
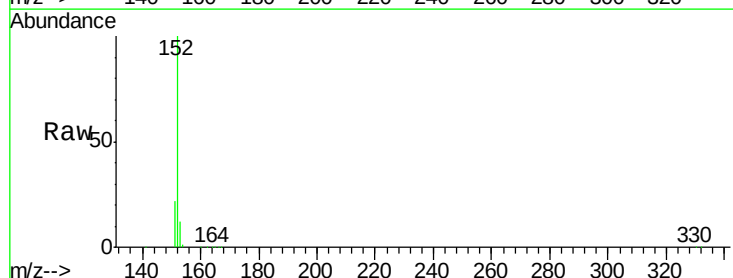
Instrument :
BNA_M
ClientSampleId :
PB88423BS

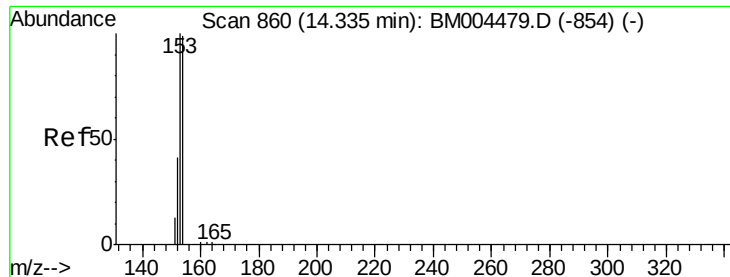
Tgt Ion:172 Resp: 51100
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.7 19.7 29.5



#16
Acenaphthylene
Concen: 3.30 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.01 min
Lab File: BM004485.D
Acq: 01 Mar 2016 00:48

Tgt Ion:152 Resp: 72350
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 3.11 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

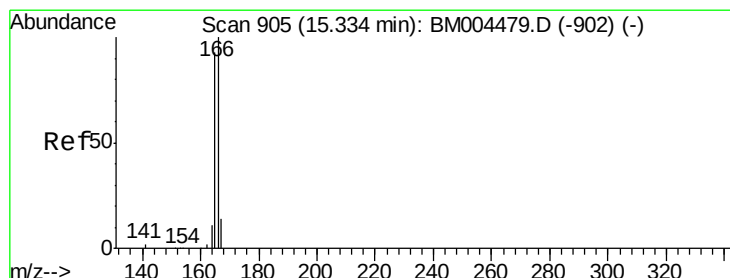
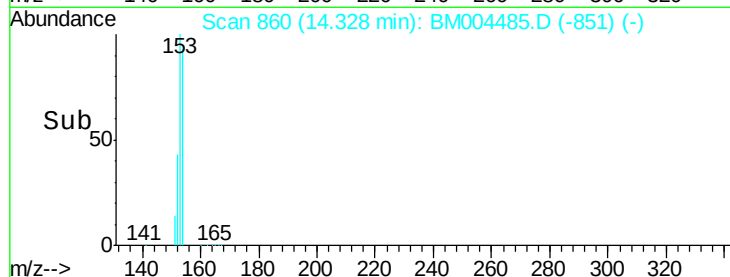
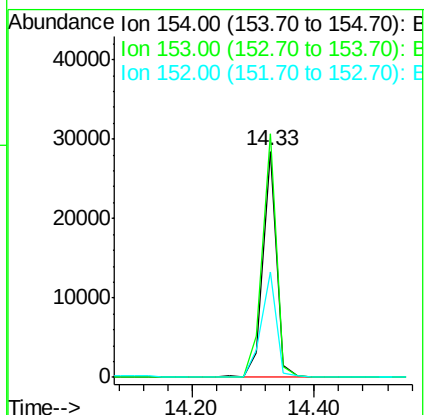
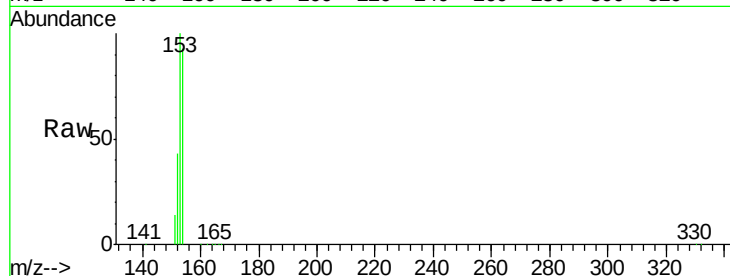
Tgt Ion:154 Resp: 44550

Ion Ratio Lower Upper

154 100

153 111.5 88.0 132.0

152 51.1 41.1 61.7



#18

Fluorene

Concen: 3.30 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

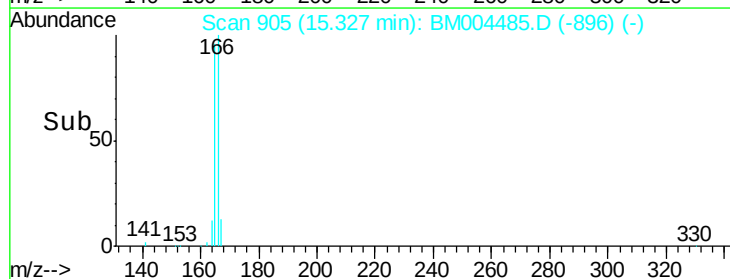
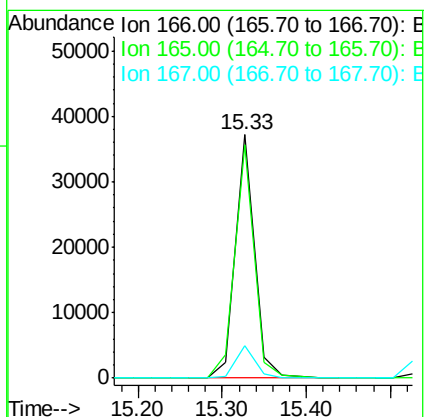
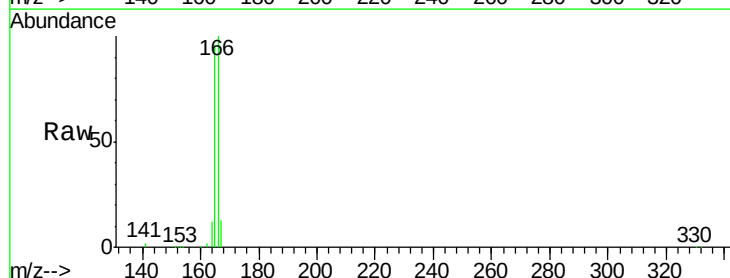
Tgt Ion:166 Resp: 57715

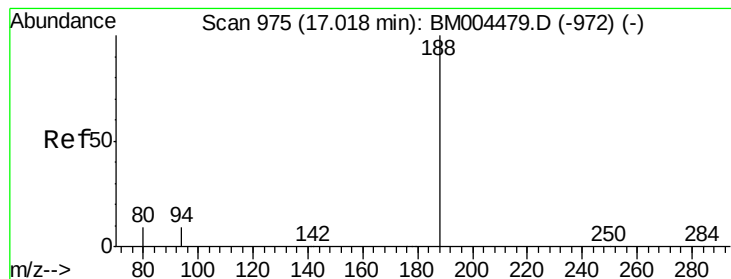
Ion Ratio Lower Upper

166 100

165 97.2 77.2 115.8

167 13.2 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

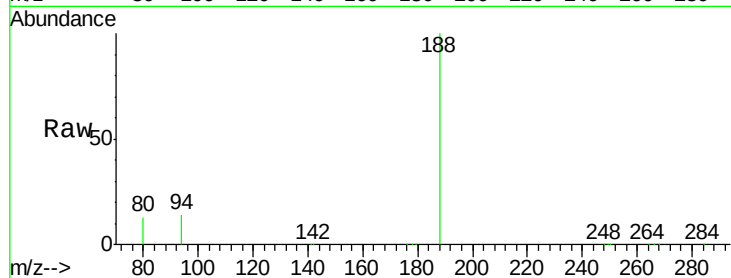
Tgt Ion:188 Resp: 80780

Ion Ratio Lower Upper

188 100

94 13.6 7.4 11.0#

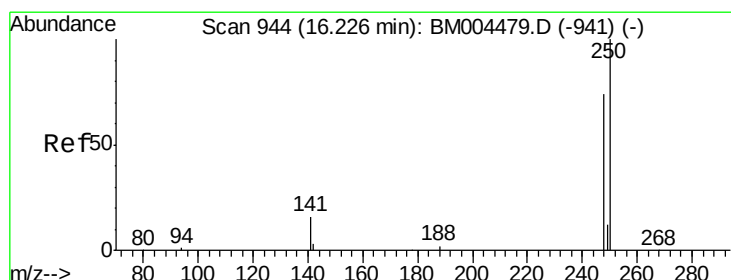
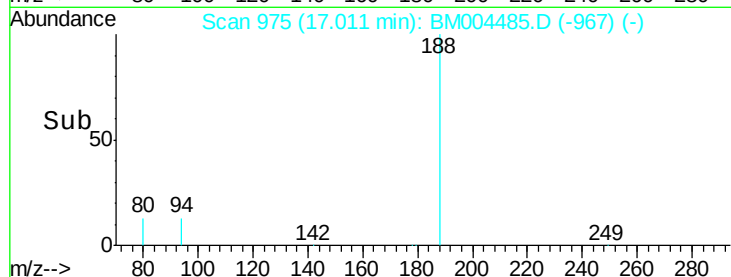
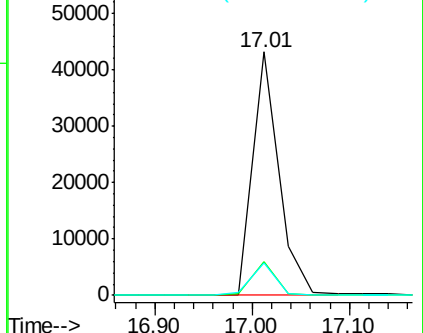
80 13.2 6.9 10.3#



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: 3.16 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

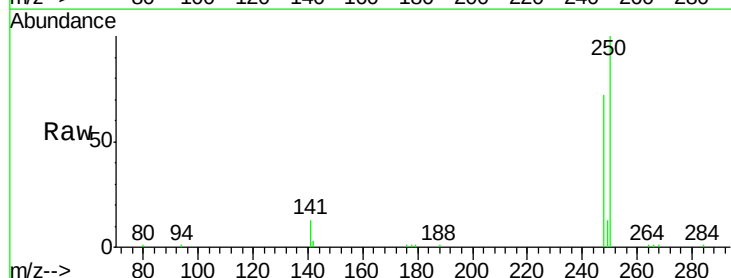
Tgt Ion:248 Resp: 12240

Ion Ratio Lower Upper

248 100

250 113.0 81.5 122.3

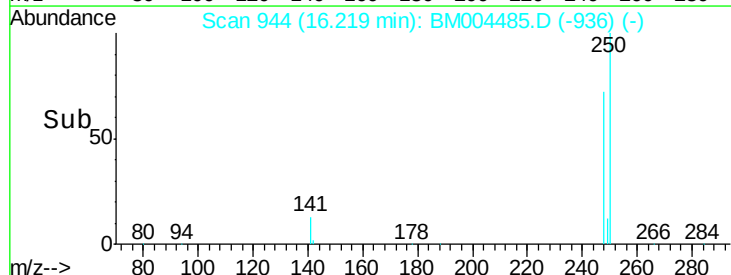
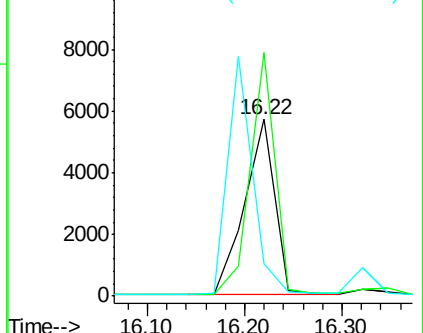
141 0.0 0.0 0.0

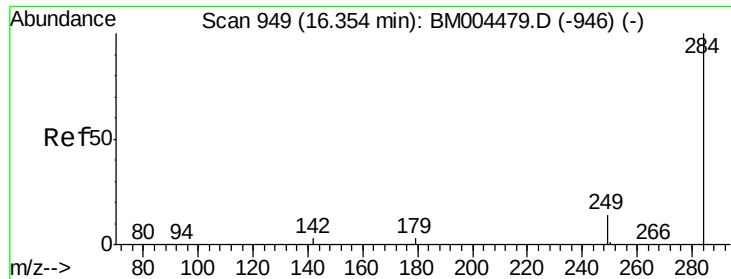


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

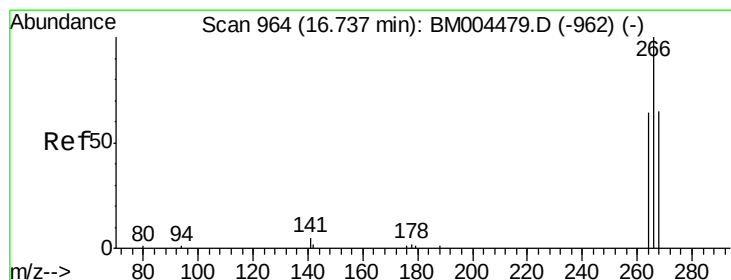
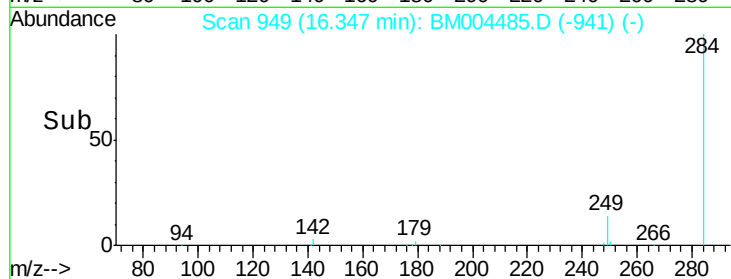
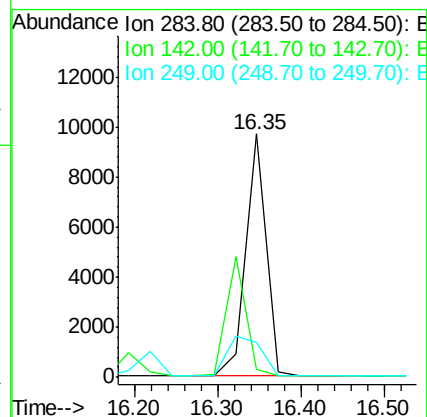
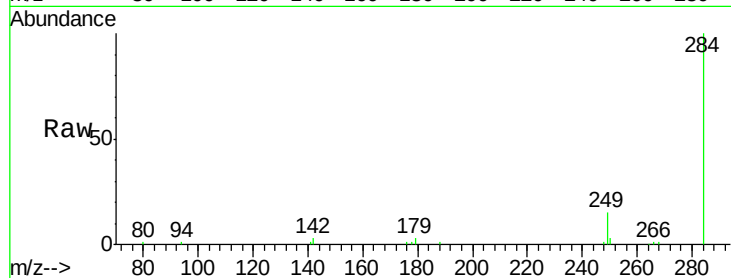




#21
Hexachlorobenzene
Concen: 3.49 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM004485.D
Acq: 01 Mar 2016 00:48

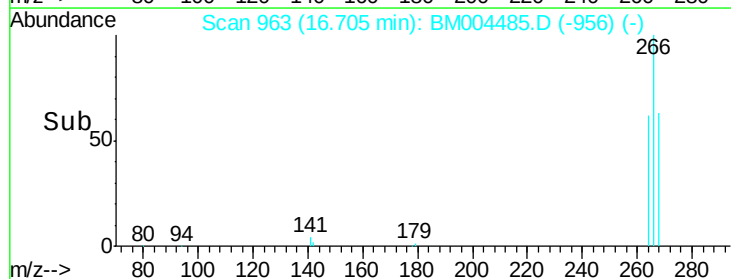
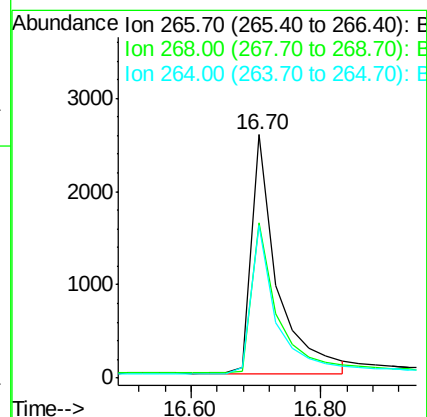
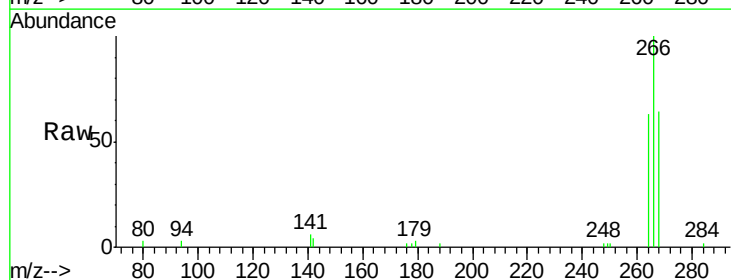
Instrument :
BNA_M
ClientSampleId :
PB88423BS

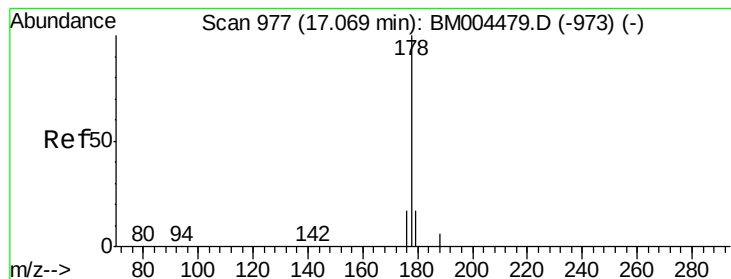
Tgt Ion: 284 Resp: 16506
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 6.39 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004485.D
Acq: 01 Mar 2016 00:48

Tgt Ion: 266 Resp: 7062
Ion Ratio Lower Upper
266 100
268 63.8 60.7 91.1
264 62.6 57.1 85.7





#23

Phenanthrene

Concen: 3.34 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

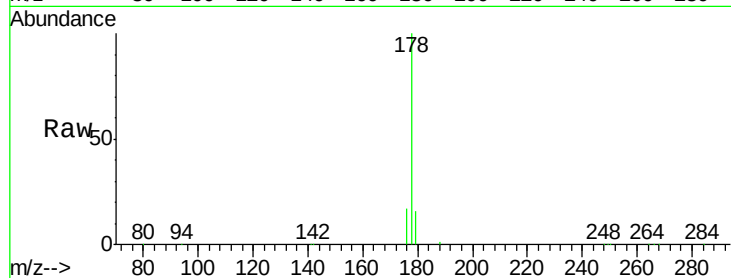
Tgt Ion:178 Resp: 89540

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

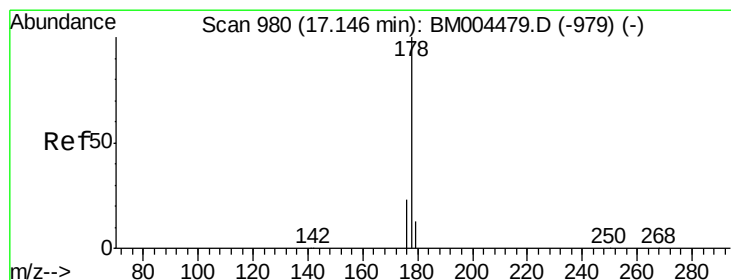
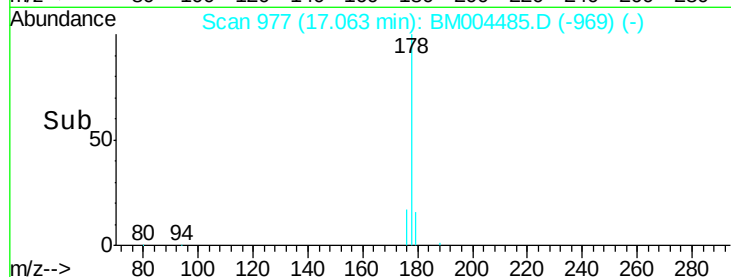
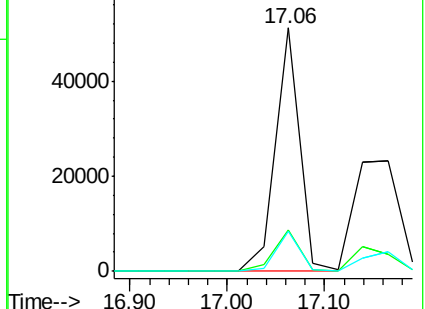
179 15.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.73 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.08 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

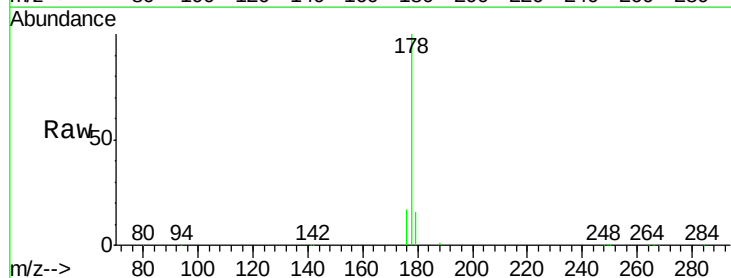
Tgt Ion:178 Resp: 89534

Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

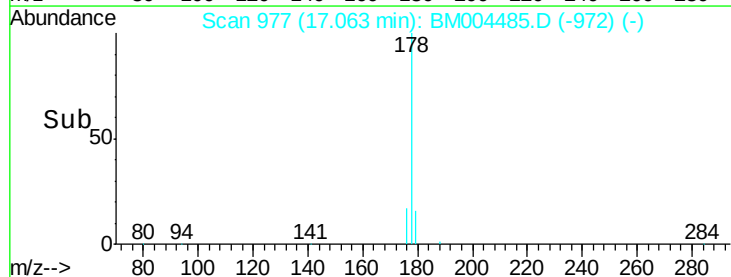
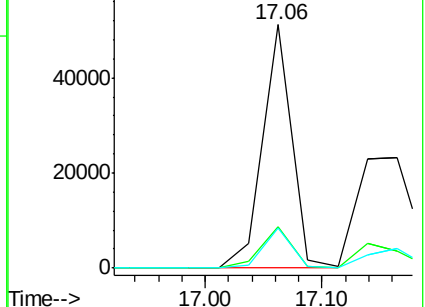
179 15.9 13.6 20.4

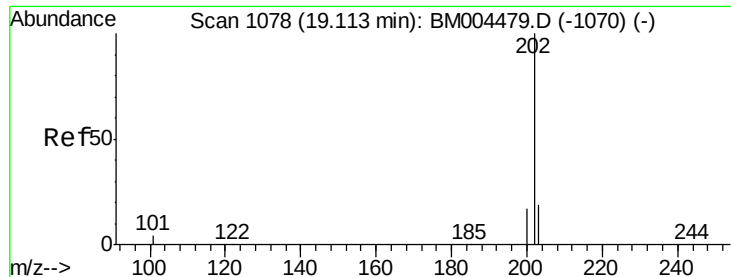


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.17 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

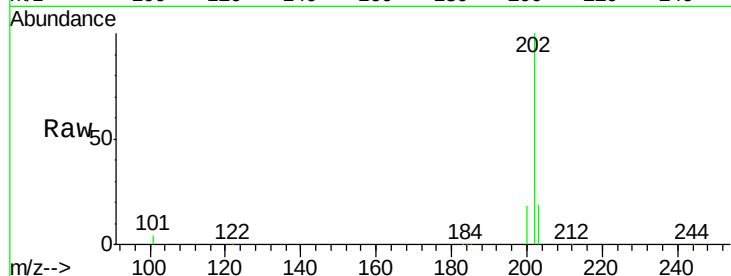
Tgt Ion:202 Resp: 96860

Ion Ratio Lower Upper

202 100

101 12.3 9.4 14.2

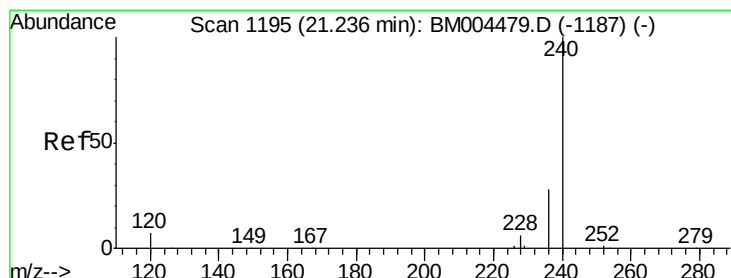
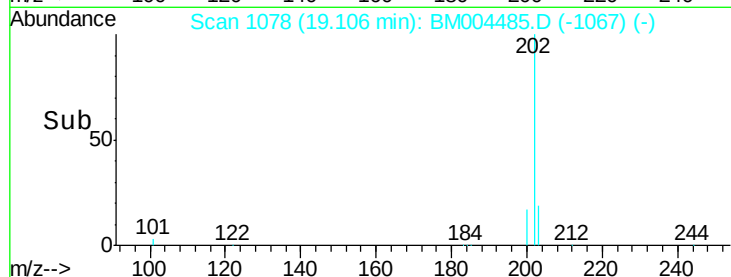
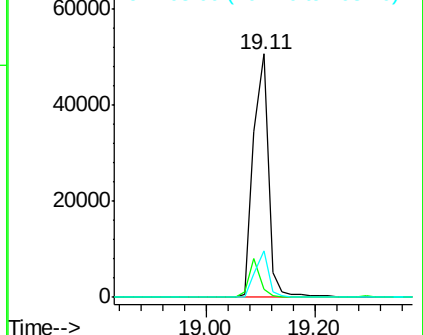
203 17.4 13.9 20.9



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. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

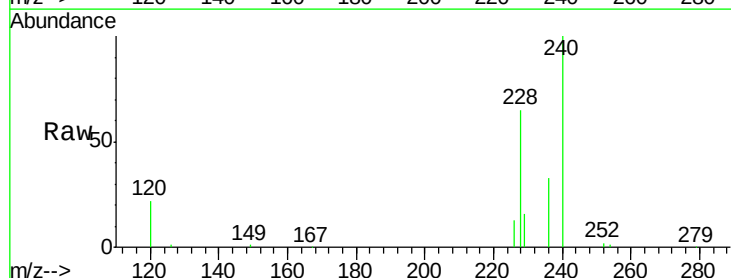
Tgt Ion:240 Resp: 73012

Ion Ratio Lower Upper

240 100

120 22.0 6.1 9.1#

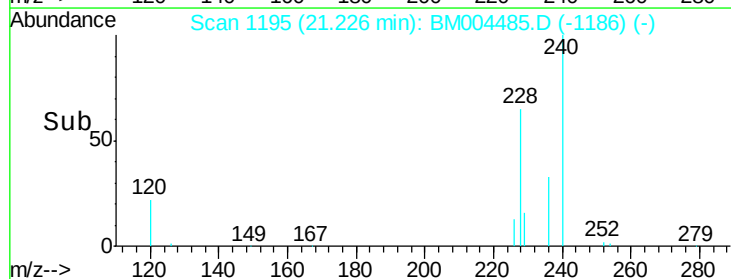
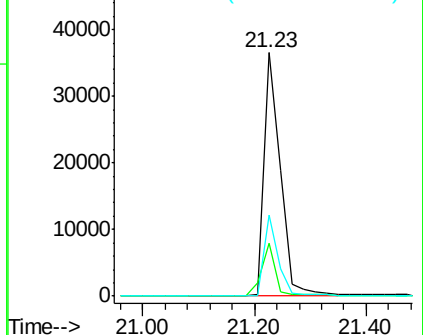
236 33.0 22.6 34.0

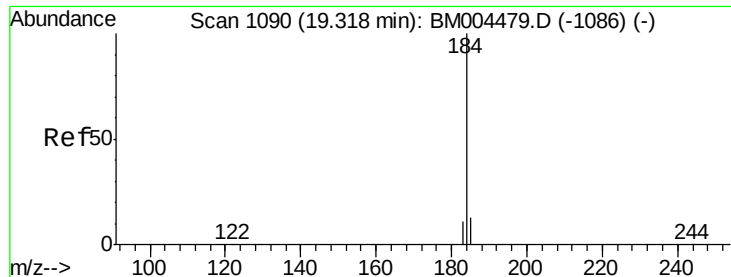


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.03 ng

RT: 19.29 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

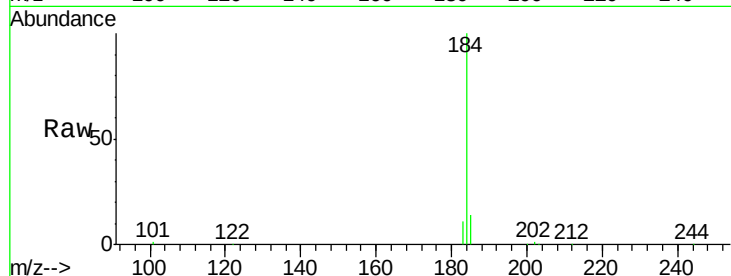
Tgt Ion:184 Resp: 79550

Ion Ratio Lower Upper

184 100

185 14.4 16.6 24.8#

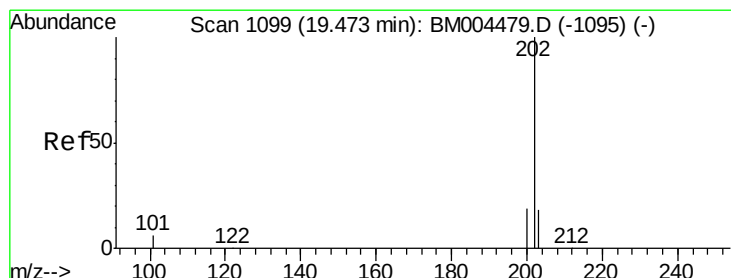
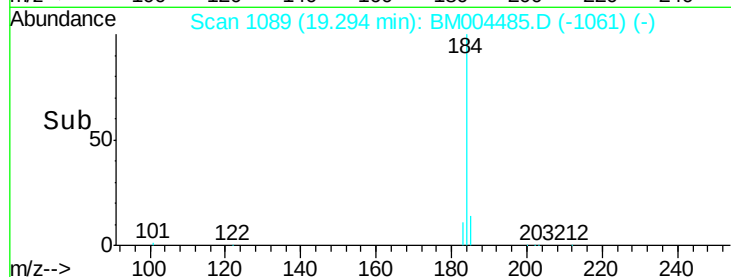
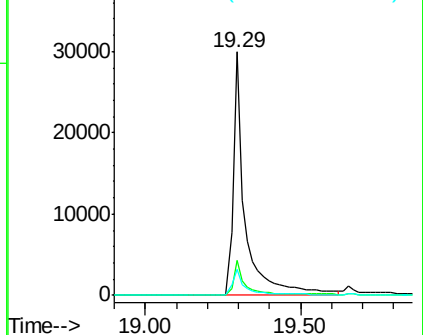
183 10.9 12.3 18.5#



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: 3.61 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

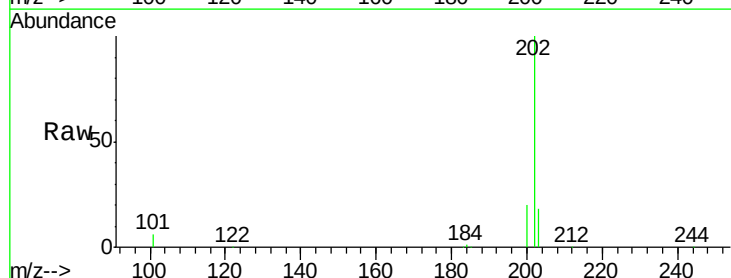
Tgt Ion:202 Resp: 104268

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

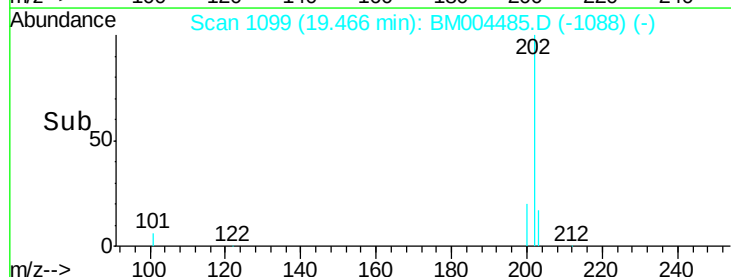
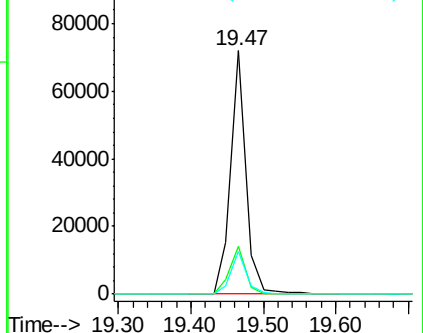
203 17.8 14.1 21.1

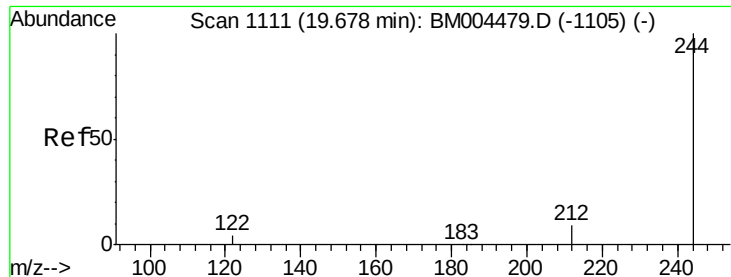


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.62 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

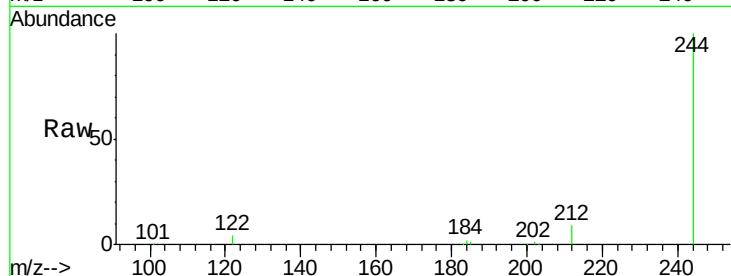
Tgt Ion:244 Resp: 43389

Ion Ratio Lower Upper

244 100

212 9.1 7.5 11.3

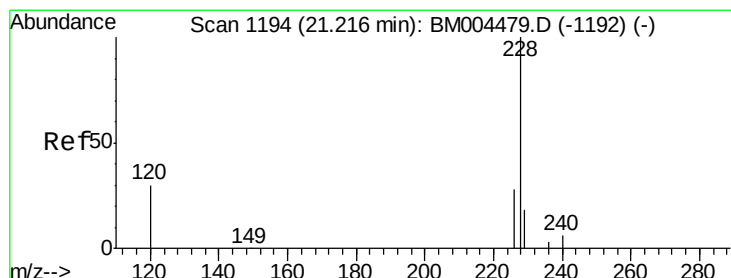
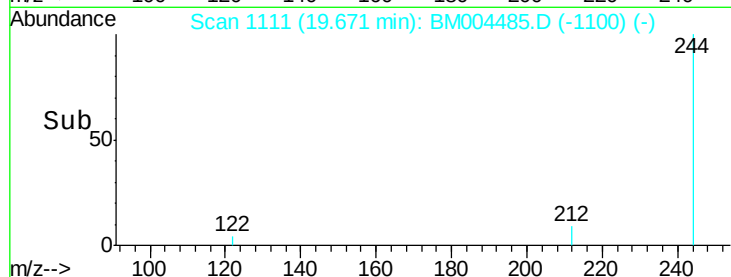
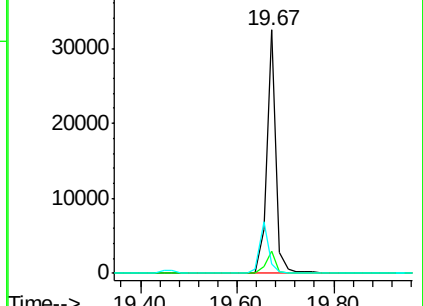
122 3.8 4.2 6.2#



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: 3.19 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

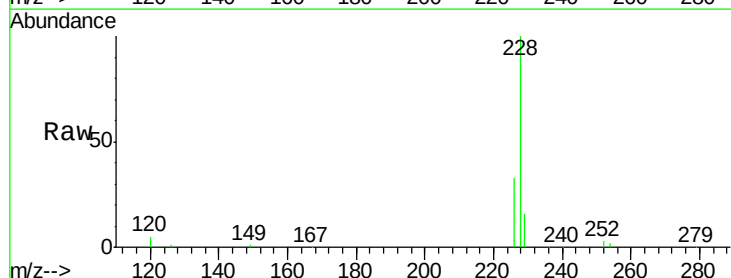
Tgt Ion:228 Resp: 85994

Ion Ratio Lower Upper

228 100

226 33.1 22.8 34.2

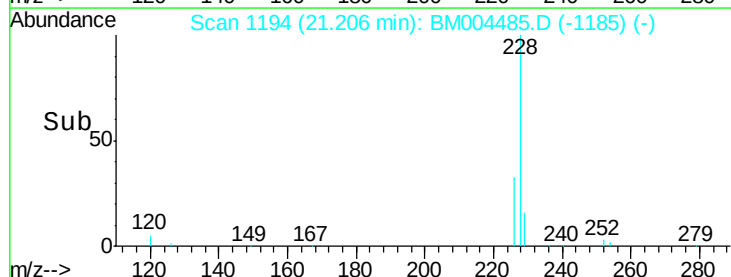
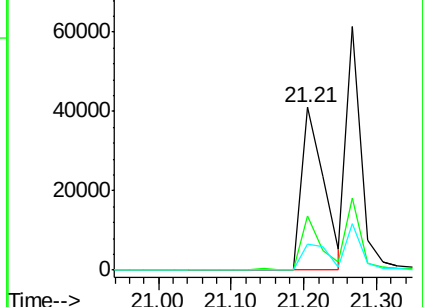
229 15.8 14.6 22.0

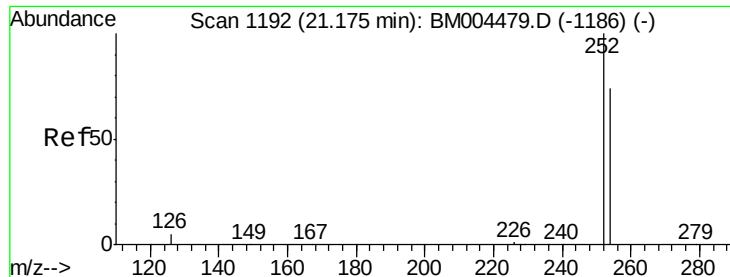


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

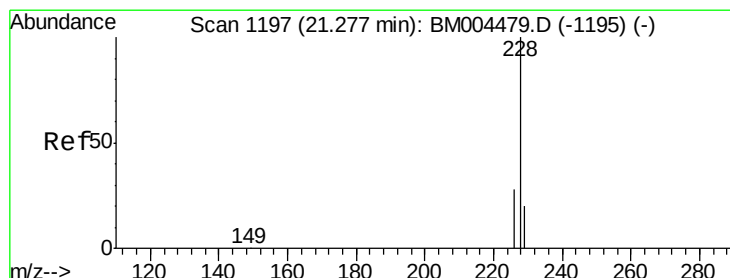
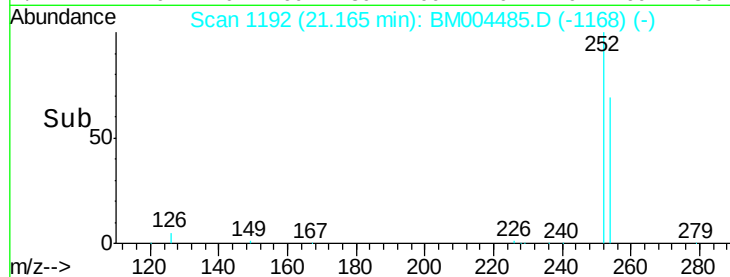
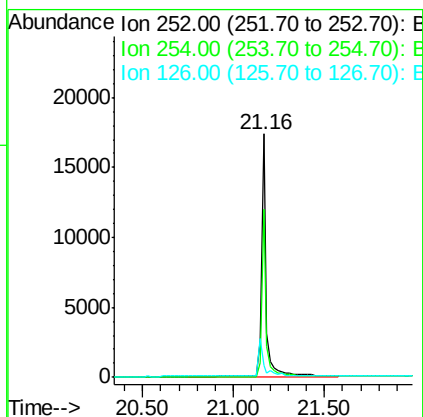
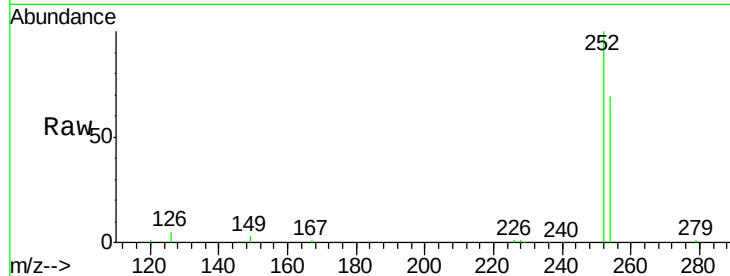




#31
 3,3'-Dichlorobenzidine
 Concen: 2.00 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004485.D
 Acq: 01 Mar 2016 00:48

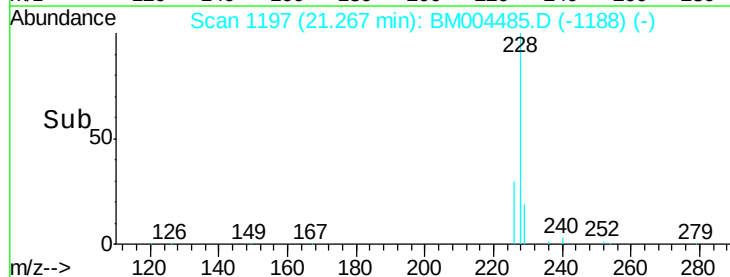
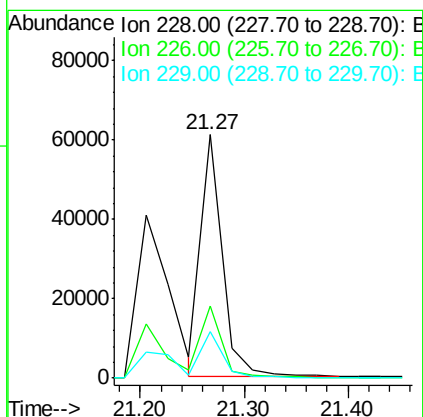
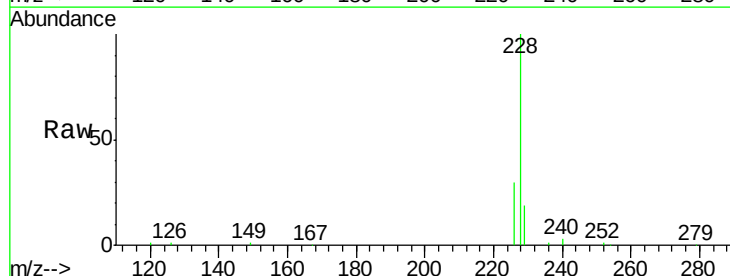
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BS

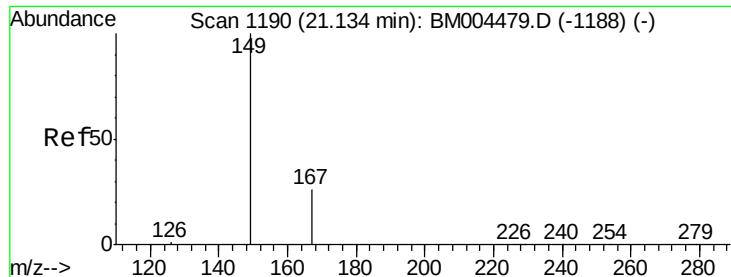
Tgt Ion: 252 Resp: 33468
 Ion Ratio Lower Upper
 252 100
 254 69.2 59.4 89.0
 126 4.9 5.5 8.3#



#32
 Chrysene
 Concen: 2.84 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BM004485.D
 Acq: 01 Mar 2016 00:48

Tgt Ion: 228 Resp: 87747
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.4 32.2
 229 18.9 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 2.73 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

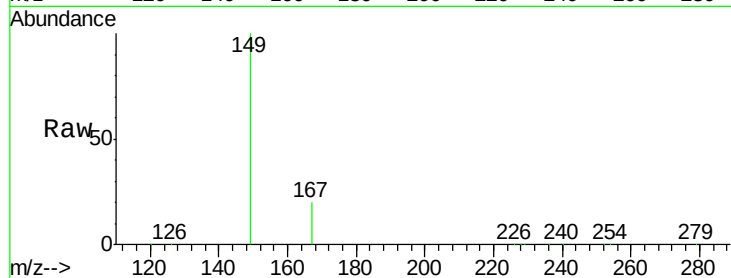
Tgt Ion:149 Resp: 57143

Ion Ratio Lower Upper

149 100

167 25.0 21.2 31.8

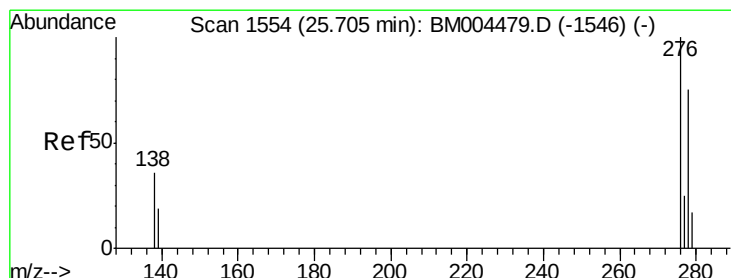
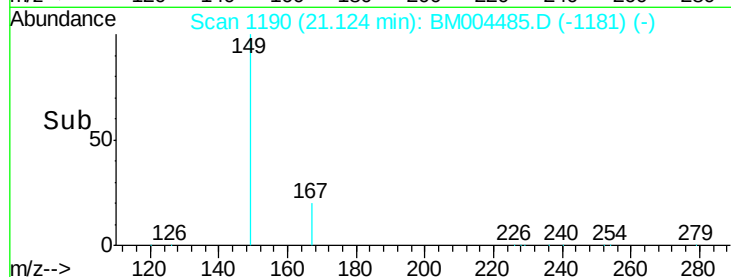
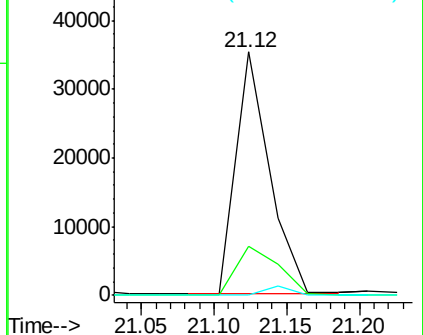
279 0.0 0.0 0.0



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: 3.42 ng

RT: 25.68 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

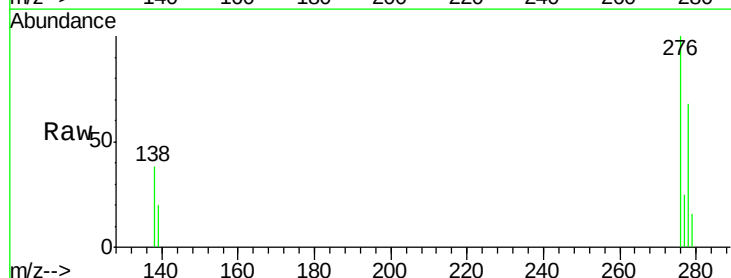
Tgt Ion:276 Resp: 85530

Ion Ratio Lower Upper

276 100

138 38.4 30.4 45.6

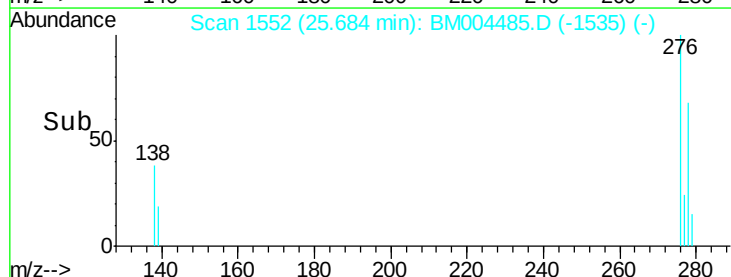
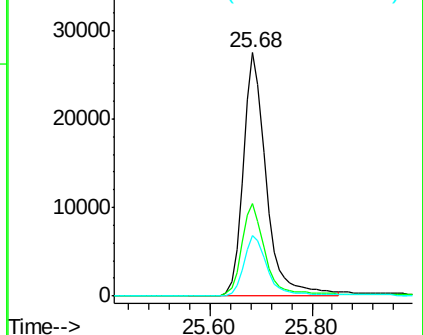
277 24.8 19.8 29.8

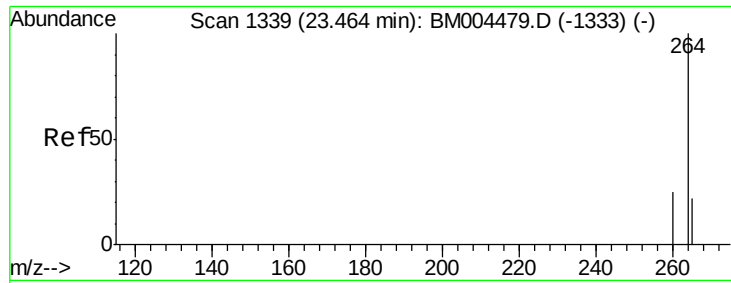


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

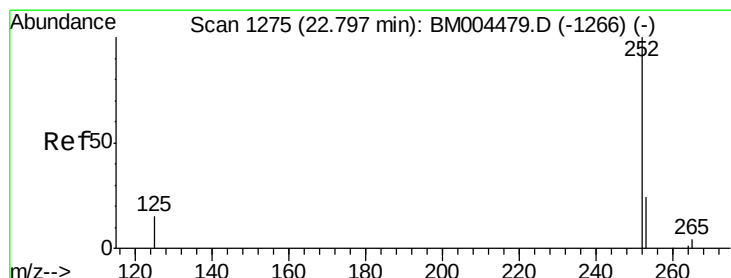
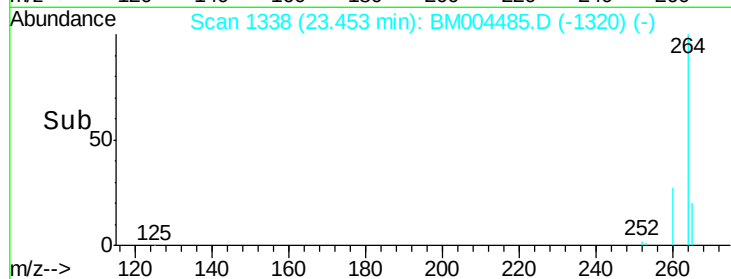
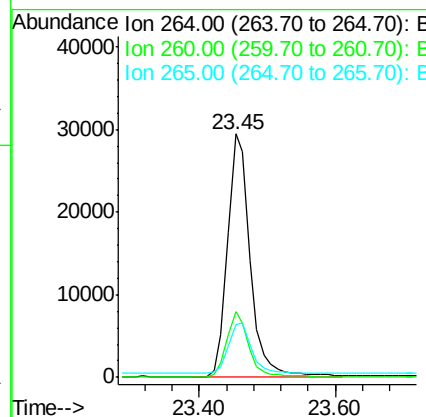
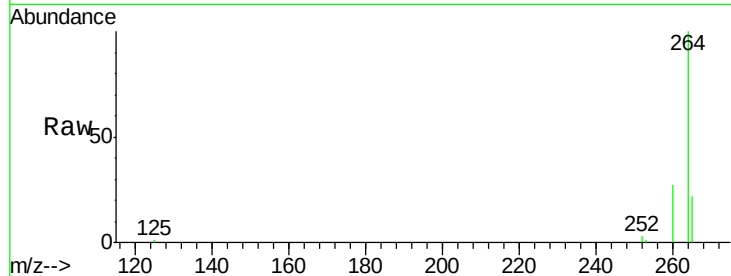




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.45 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BM004485.D
 Acq: 01 Mar 2016 00:48

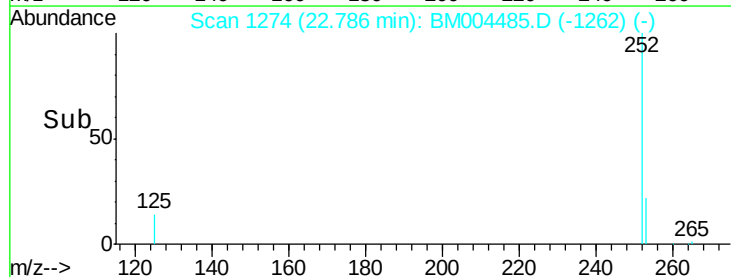
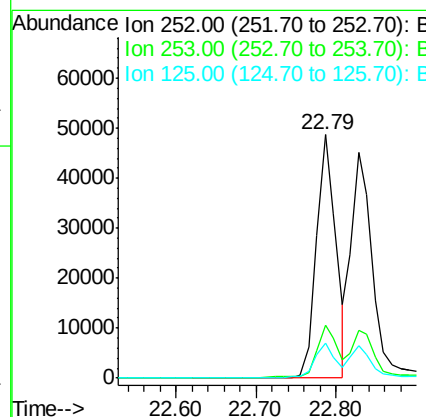
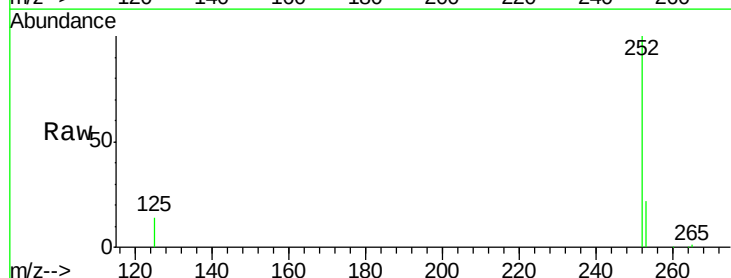
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BS

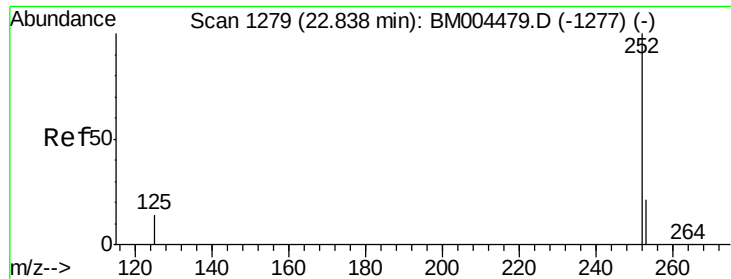
Tgt Ion: 264 Resp: 67464
 Ion Ratio Lower Upper
 264 100
 260 26.8 19.8 29.6
 265 21.9 18.9 28.3



#36
Benzo(b)fluoranthene
 Concen: 4.27 ng
 RT: 22.79 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BM004485.D
 Acq: 01 Mar 2016 00:48

Tgt Ion: 252 Resp: 112243
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.8 28.2
 125 14.2 11.8 17.8





#37

Benzo(k)fluoranthene

Concen: 3.23 ng

RT: 22.83 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

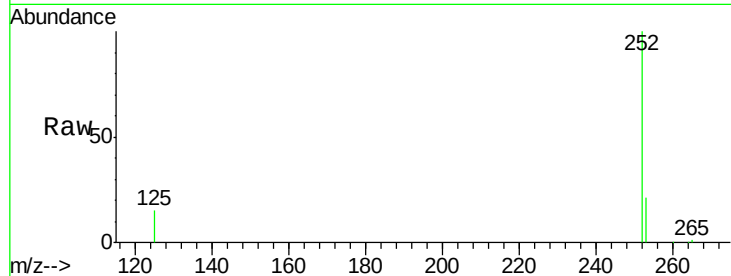
Tgt Ion:252 Resp: 83672

Ion Ratio Lower Upper

252 100

253 21.1 18.3 27.5

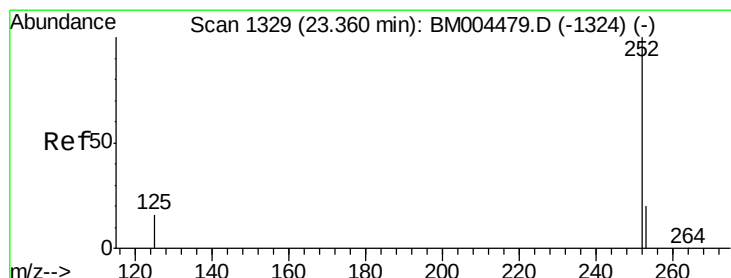
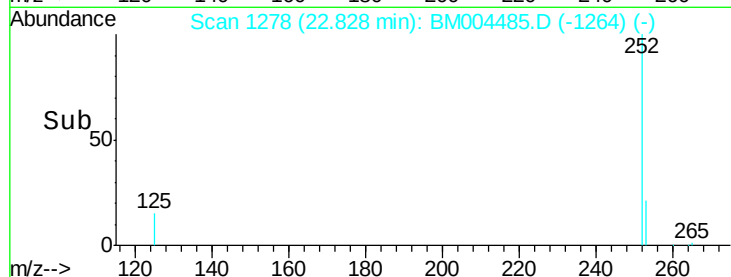
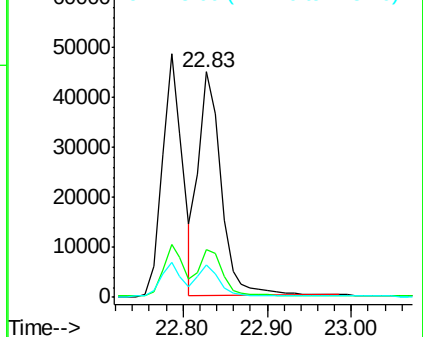
125 14.5 12.2 18.4



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: 3.35 ng

RT: 23.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

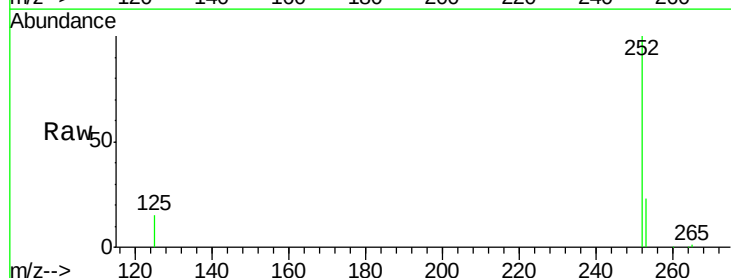
Tgt Ion:252 Resp: 79696

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

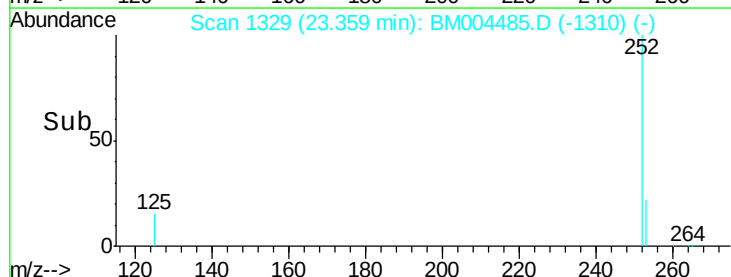
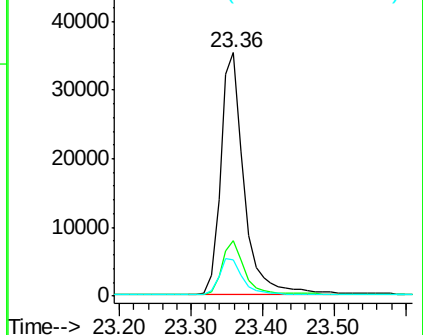
125 15.1 14.3 21.5

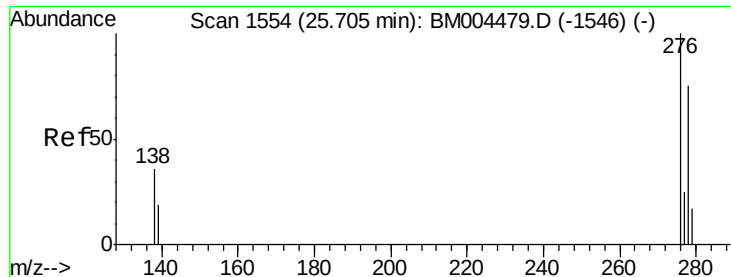


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.26 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

Instrument :

BNA_M

ClientSampleId :

PB88423BS

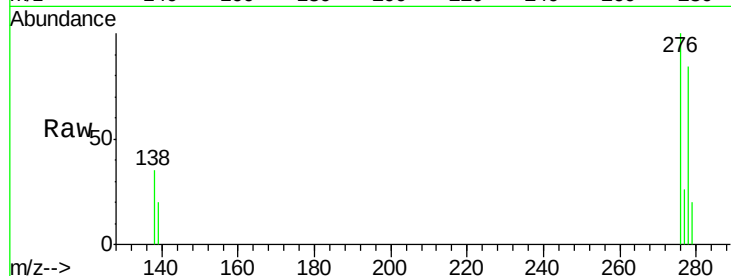
Tgt Ion: 278 Resp: 67340

Ion Ratio Lower Upper

278 100

139 24.0 21.2 31.8

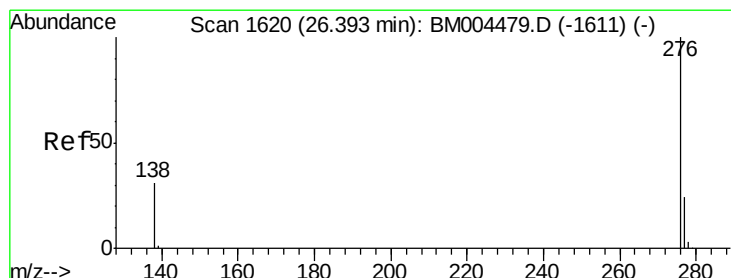
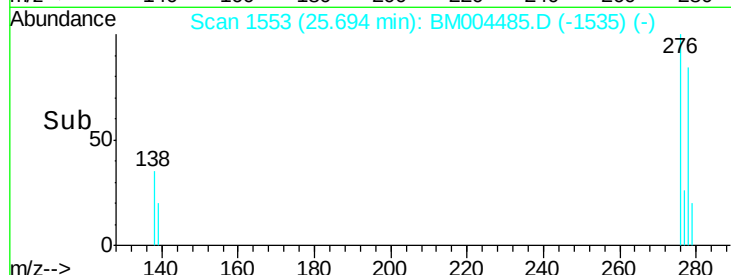
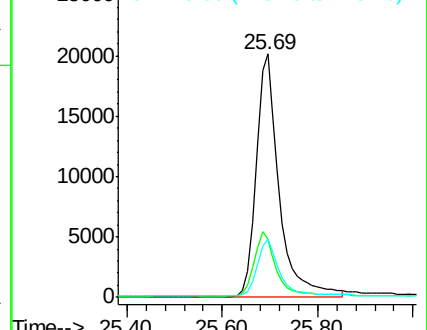
279 23.9 19.6 29.4



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: 3.23 ng

RT: 26.37 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BM004485.D

Acq: 01 Mar 2016 00:48

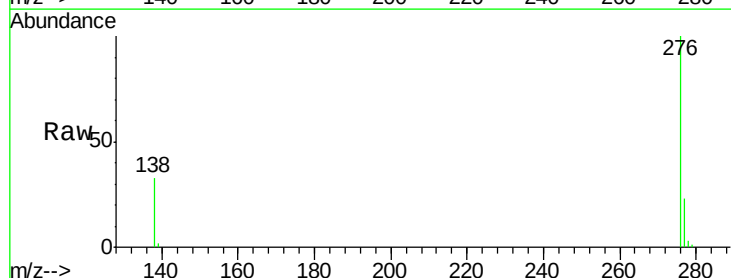
Tgt Ion: 276 Resp: 73268

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 33.1 26.2 39.2



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

