

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
 Data File : BE090534.D
 Acq On : 17 Aug 2015 15:48
 Operator : UM/IZ
 Sample : PB85049BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85049BS

Quant Time: Aug 18 04:34:43 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

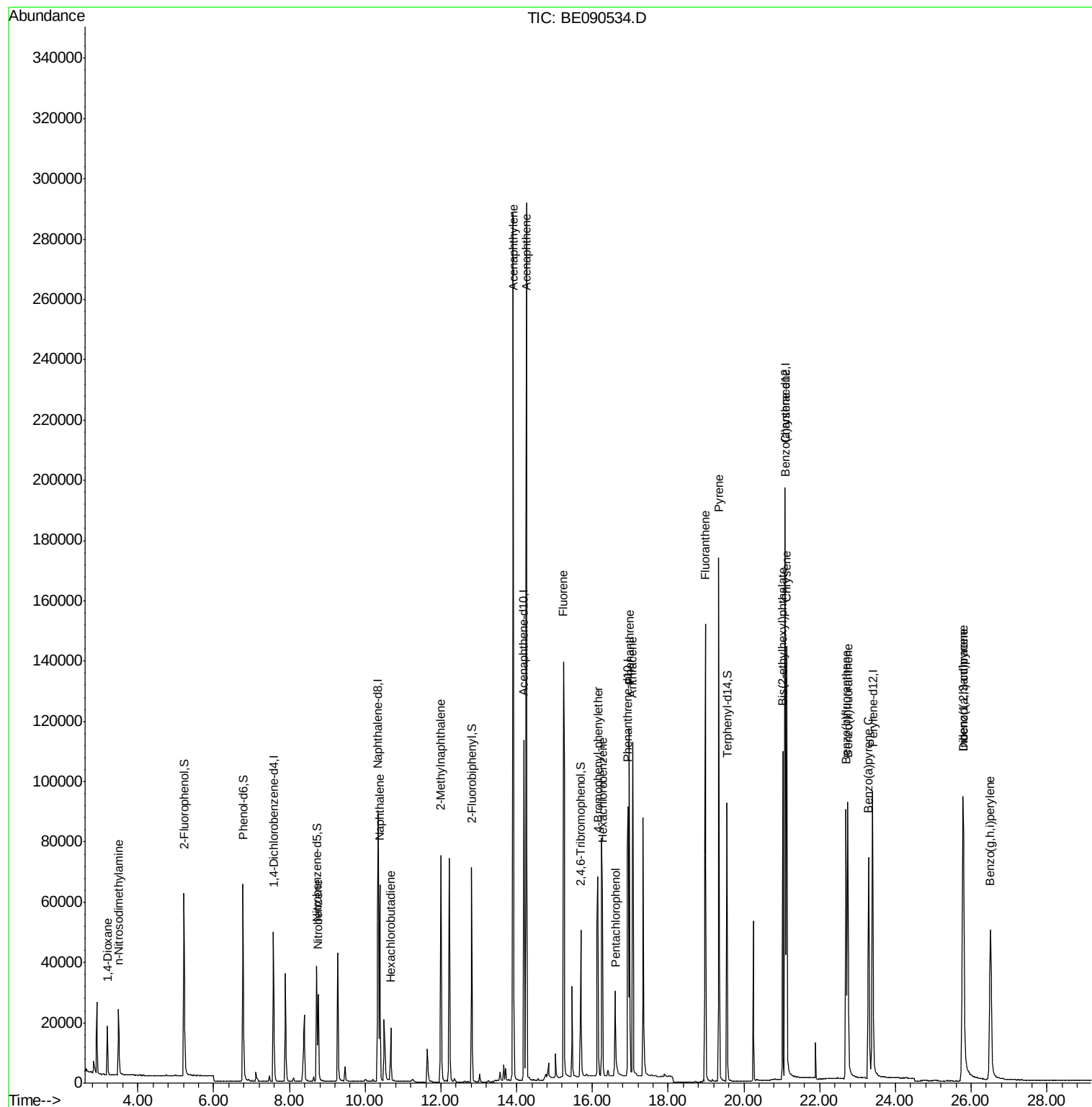
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23836	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	120427	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	66115	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	141760	5.00	ng	0.00
25) Chrysene-d12	21.09	240	150925	5.00	ng	0.00
32) Perylene-d12	23.40	264	141989	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	49540	7.19	ng	0.00
5) Phenol-d6	6.77	99	76335	7.53	ng	0.00
7) Nitrobenzene-d5	8.72	82	35371	3.69	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20851	8.19	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	67659	3.43	ng	0.00
27) Terphenyl-d14	19.55	244	95296	3.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	9088	3.34	ng	96
3) n-Nitrosodimethylamine	3.49	42	12613	3.07	ng	# 69
8) Nitrobenzene	8.76	77	34106	3.43	ng	94
9) Naphthalene	10.38	128	84123	3.07	ng	98
10) Hexachlorobutadiene	10.68	225	12268	3.05	ng	100
11) 2-Methylnaphthalene	12.00	142	57845	3.25	ng	98
15) Acenaphthylene	13.91	152	382739	3.17	ng	100
16) Acenaphthene	14.26	154	57471	3.16	ng	# 77
17) Fluorene	15.24	166	73468	3.30	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	19974	3.45	ng	83
20) Hexachlorobenzene	16.27	284	86915	3.38	ng	96
21) Pentachlorophenol	16.61	266	18287	5.89	ng	90
22) Phenanthrene	16.98	178	119412	3.21	ng	100
23) Anthracene	17.07	178	119694	3.49	ng	99
24) Fluoranthene	18.98	202	137260	3.47	ng	99
26) Pyrene	19.34	202	144768	3.35	ng	99
28) Benzo(a)anthracene	21.08	228	132823	3.34	ng	99
29) Chrysene	21.13	228	133820	3.30	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	92620	3.94	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	135275	3.54	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	118280	3.52	ng	98
34) Benzo(k)fluoranthene	22.74	252	133375	3.50	ng	97
35) Benzo(a)pyrene	23.29	252	121530	3.86	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	109271	3.60	ng	97
37) Benzo(g,h,i)perylene	26.51	276	119537	3.60	ng	96

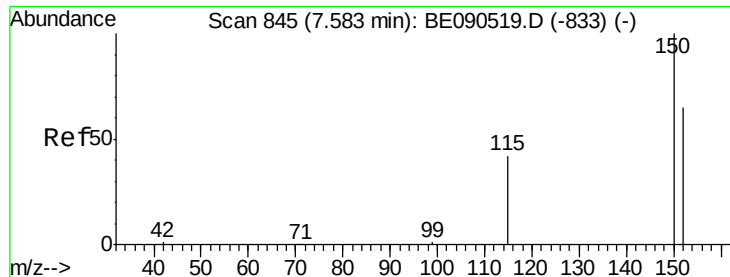
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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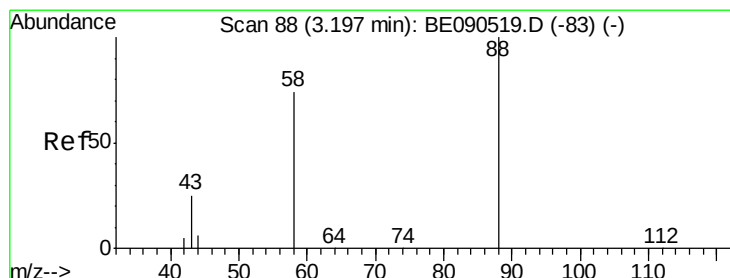
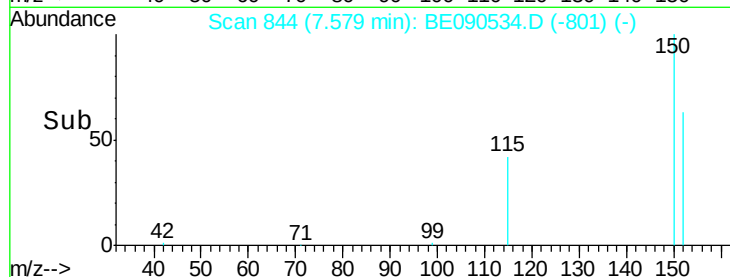
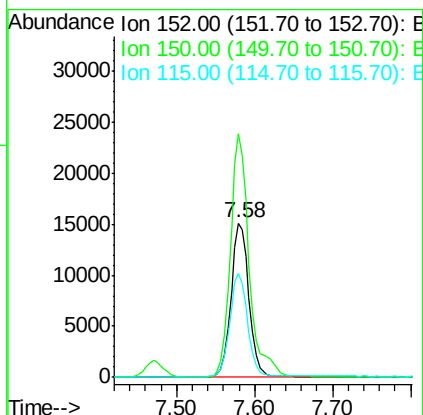
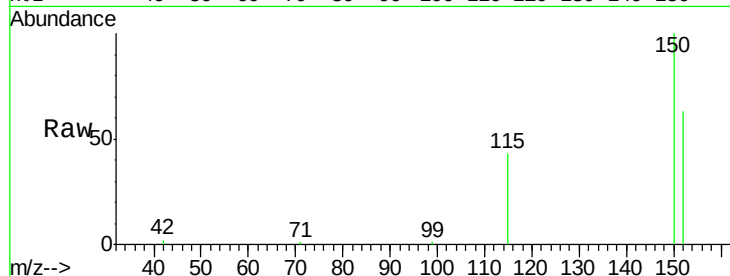




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BE090534.D
 Acq: 17 Aug 2015 15:48

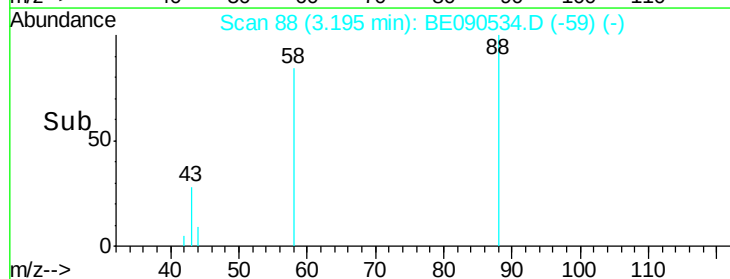
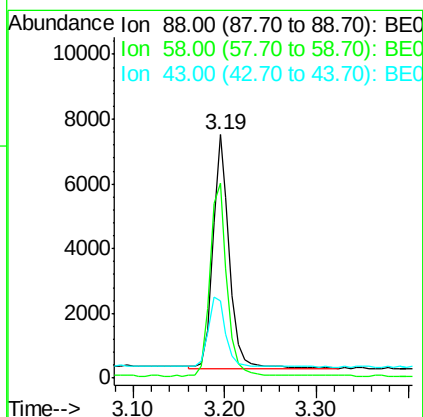
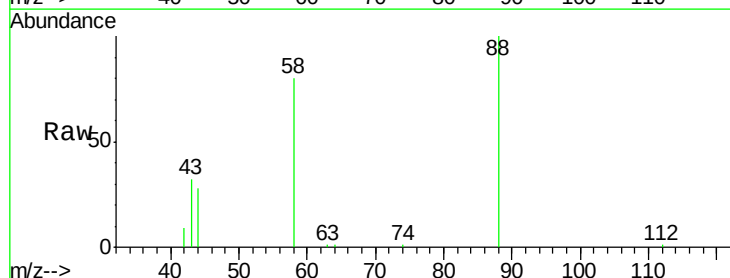
Instrument :
 BNA_E
 ClientSampleId :
 PB85049BS

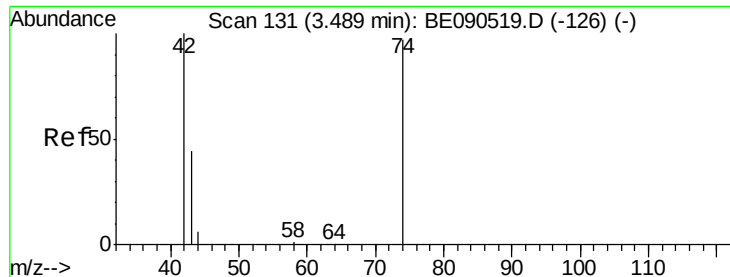
Tgt Ion:152 Resp: 23836
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.0 184.4
 115 67.1 48.9 73.3



#2
 1,4-Dioxane
 Concen: 3.34 ng
 RT: 3.19 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: BE090534.D
 Acq: 17 Aug 2015 15:48

Tgt Ion: 88 Resp: 9088
 Ion Ratio Lower Upper
 88 100
 58 85.2 70.0 105.0
 43 31.4 28.4 42.6





#3

n-Nitrosodimethylamine

Concen: 3.07 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

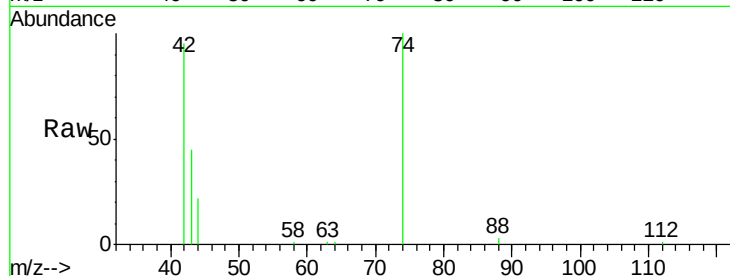
Tgt Ion: 42 Resp: 12613

Ion Ratio Lower Upper

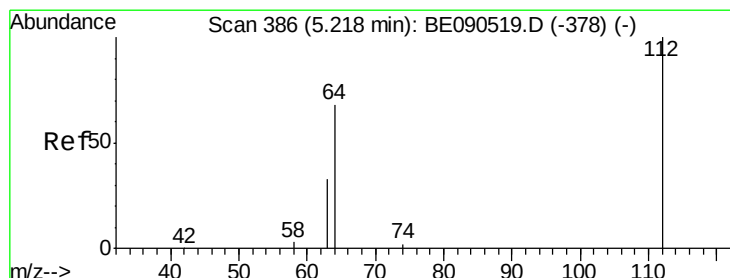
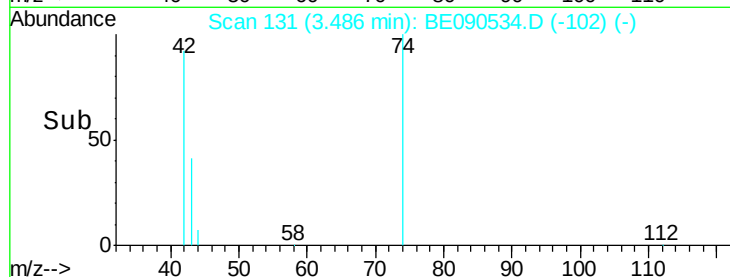
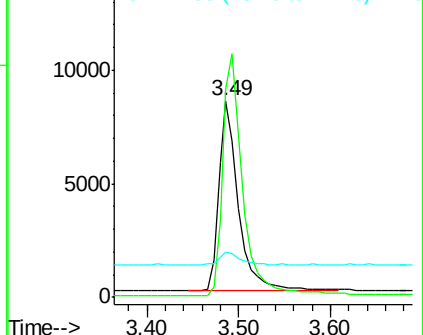
42 100

74 126.3 75.2 112.8#

44 7.4 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 7.19 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

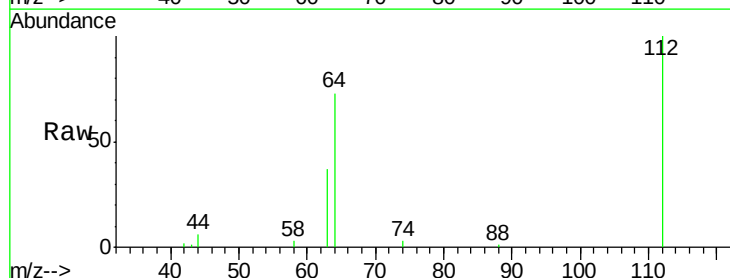
Tgt Ion: 112 Resp: 49540

Ion Ratio Lower Upper

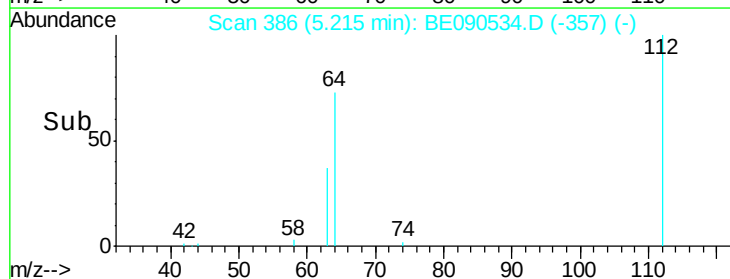
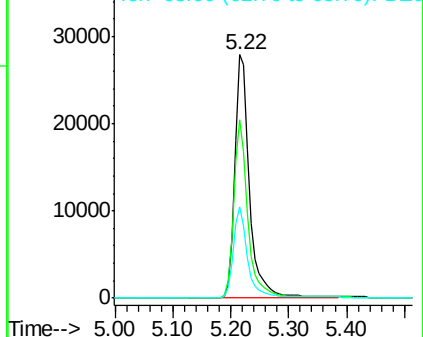
112 100

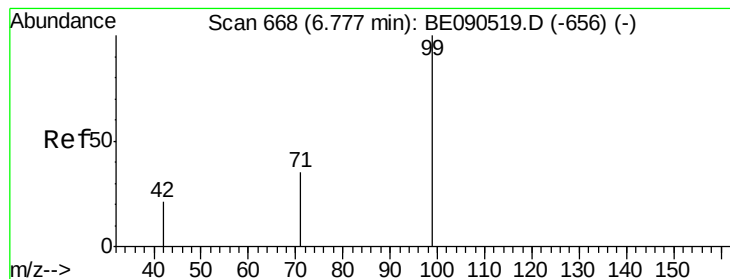
64 70.3 37.1 55.7#

63 35.8 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.53 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampled :

PB85049BS

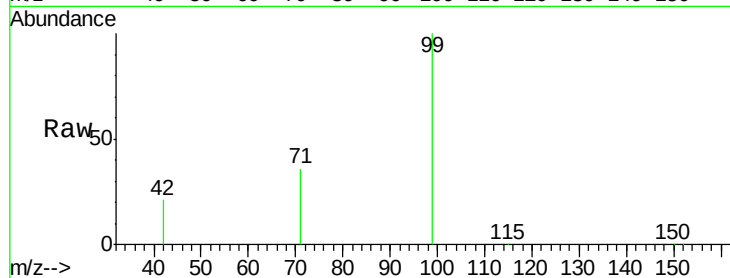
Tgt Ion: 99 Resp: 76335

Ion Ratio Lower Upper

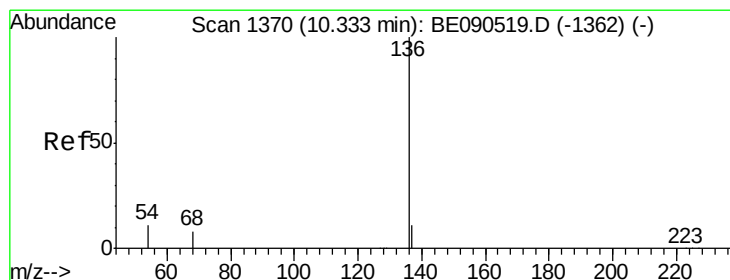
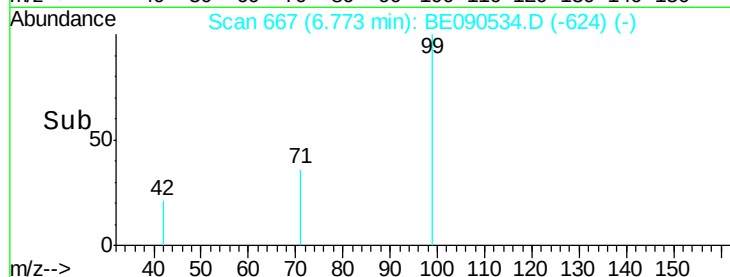
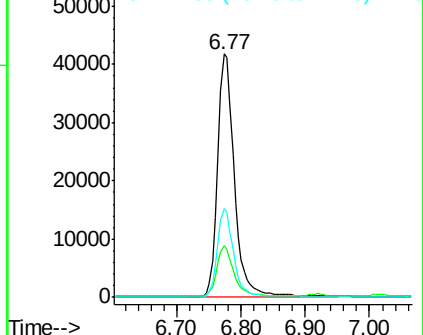
99 100

42 20.8 18.2 27.4

71 35.7 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Tgt Ion: 136 Resp: 120427

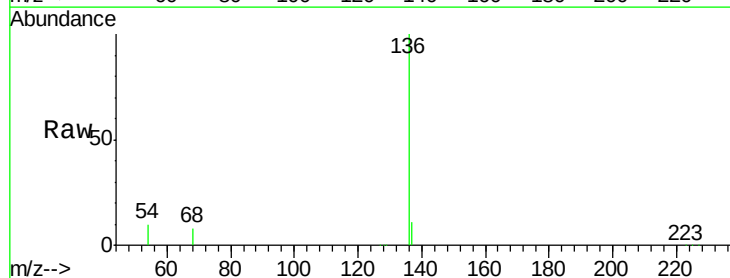
Ion Ratio Lower Upper

136 100

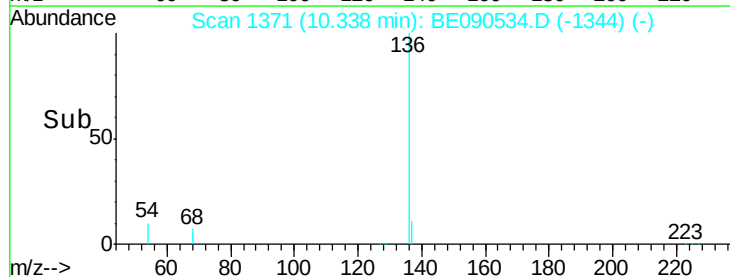
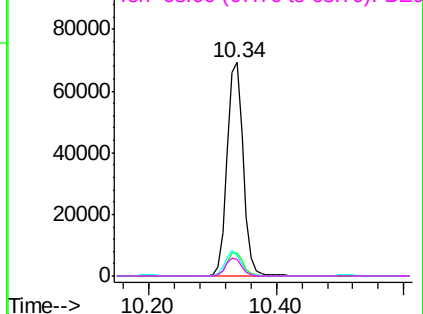
137 11.0 8.7 13.1

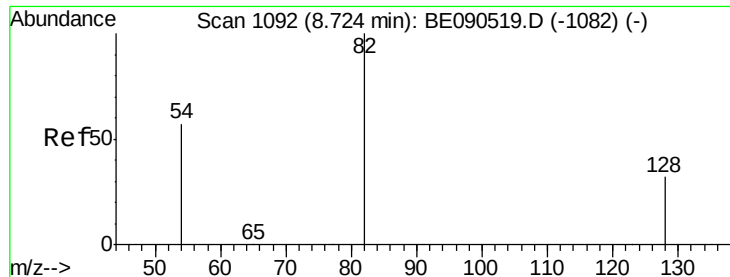
54 9.9 9.4 14.0

68 7.6 6.5 9.7



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.69 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

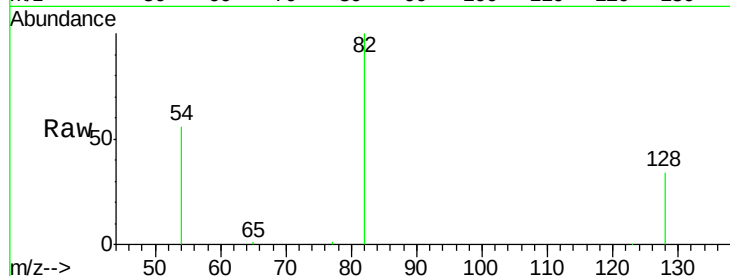
Tgt Ion: 82 Resp: 35371

Ion Ratio Lower Upper

82 100

128 33.9 25.0 37.6

54 56.4 48.8 73.2

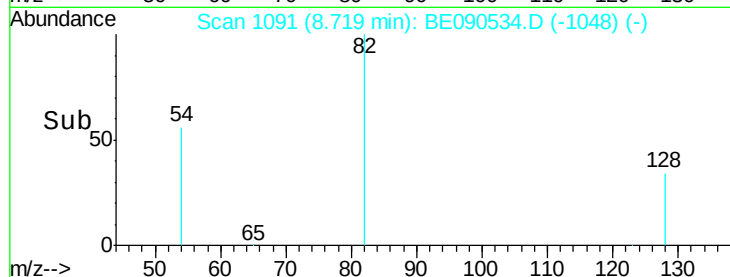


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



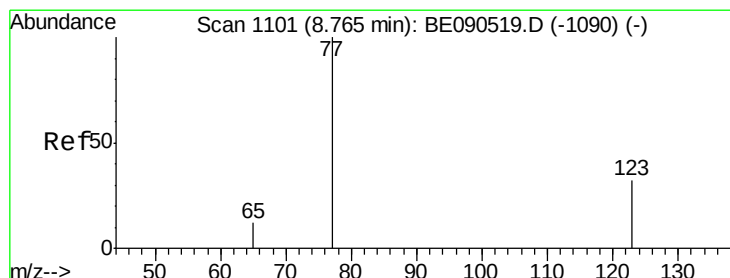
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#8

Nitrobenzene

Concen: 3.43 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

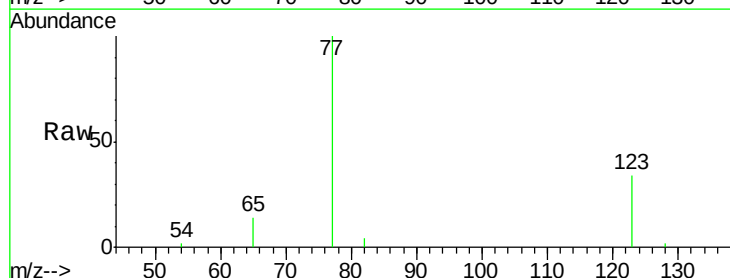
Tgt Ion: 77 Resp: 34106

Ion Ratio Lower Upper

77 100

123 35.5 25.1 37.7

65 13.1 9.3 13.9

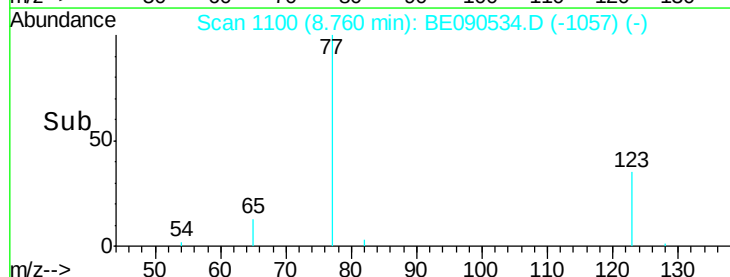


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



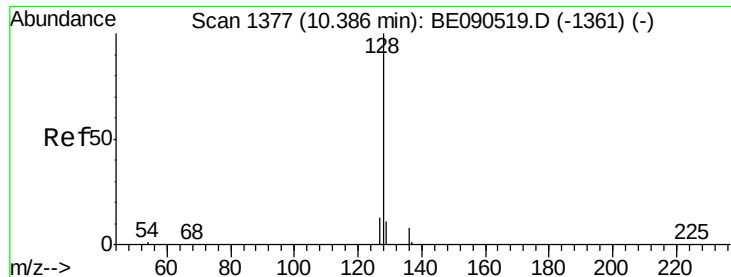
Abundance

Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



#9

Naphthalene

Concen: 3.07 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

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ClientSampleId :

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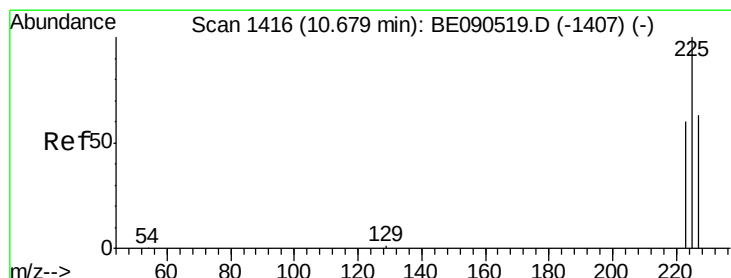
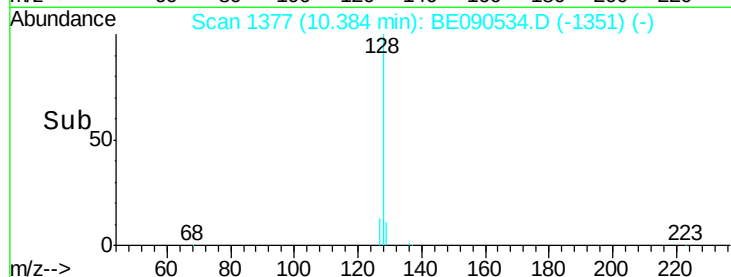
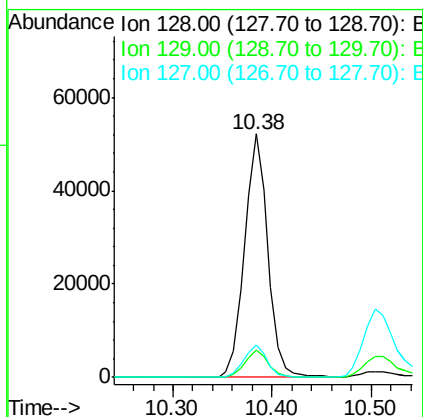
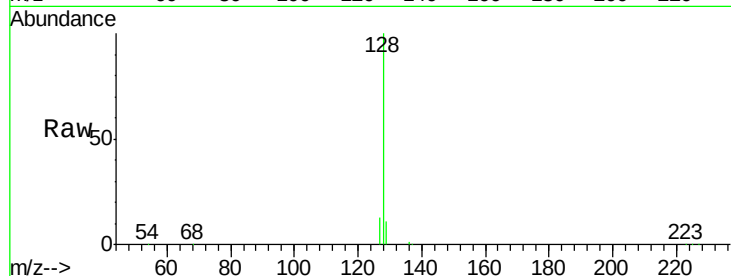
Tgt Ion:128 Resp: 84123

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.6

127 13.1 10.6 16.0



#10

Hexachlorobutadiene

Concen: 3.05 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

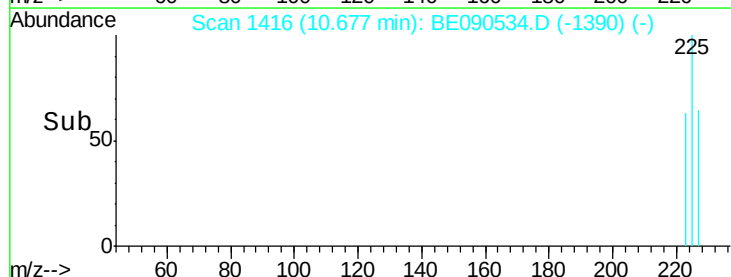
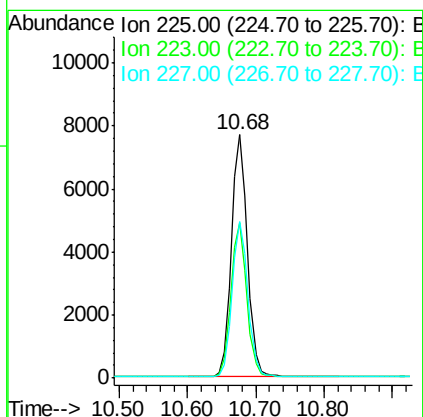
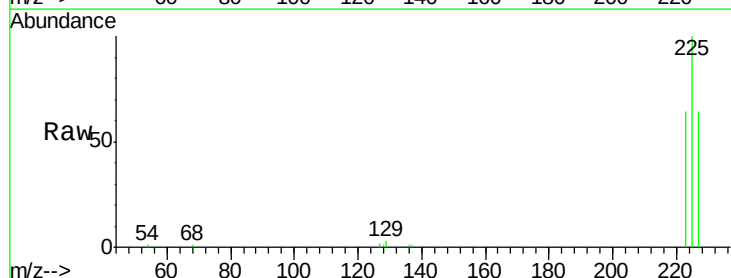
Tgt Ion:225 Resp: 12268

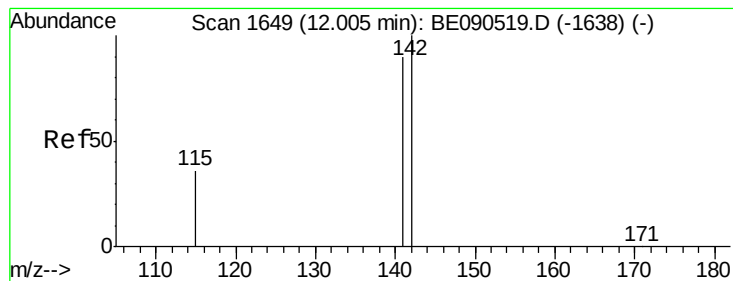
Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

227 63.7 50.7 76.1

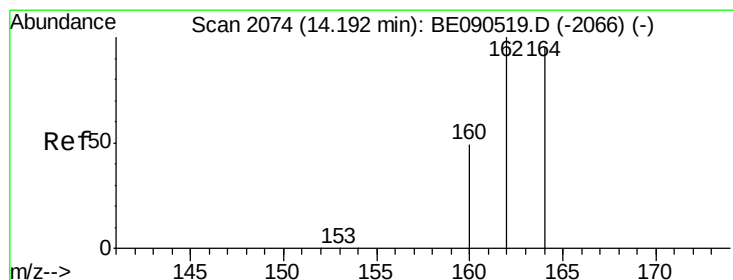
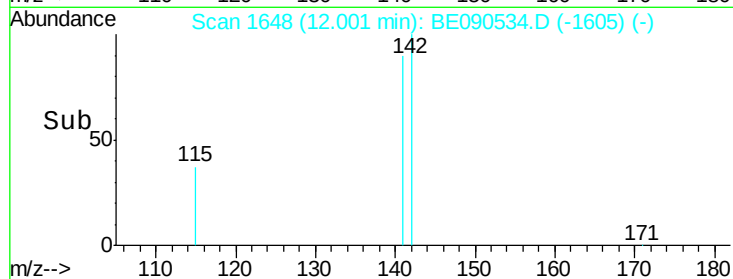
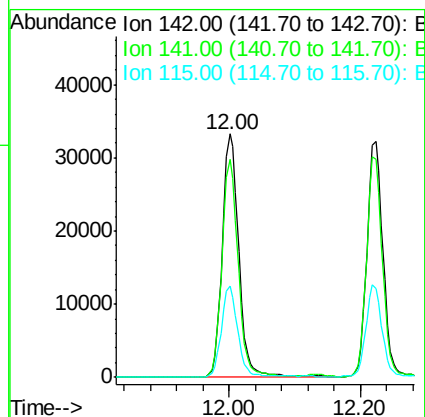
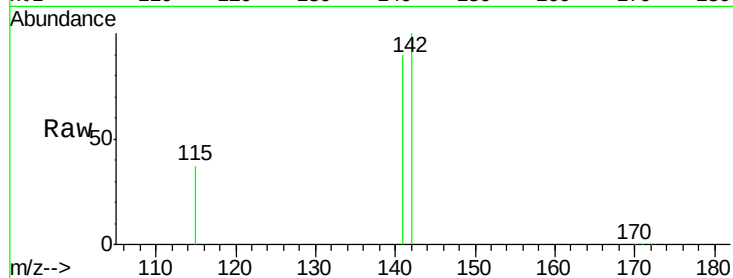




#11
2-Methylnaphthalene
Concen: 3.25 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

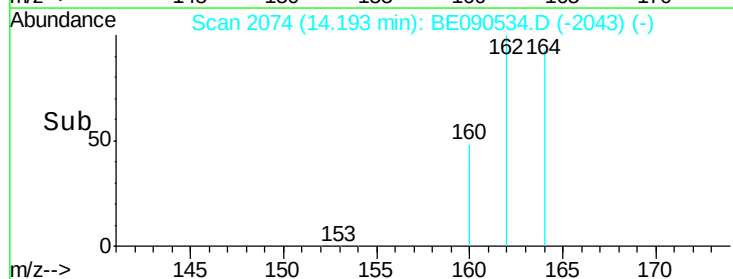
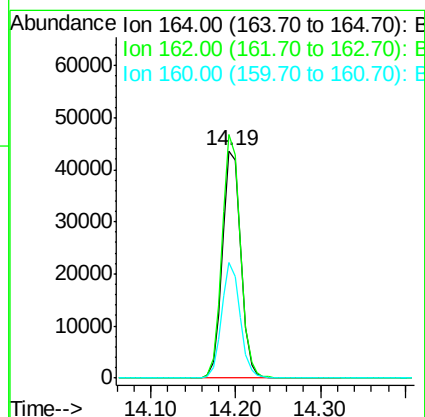
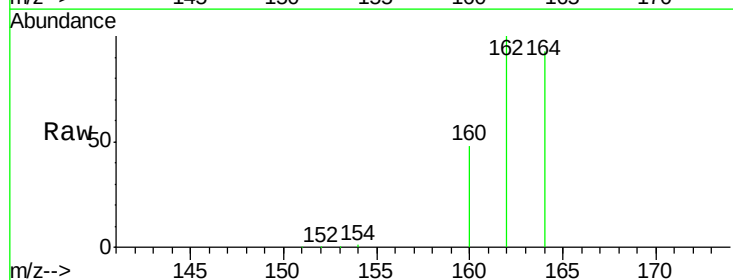
Instrument :
BNA_E
ClientSampleId :
PB85049BS

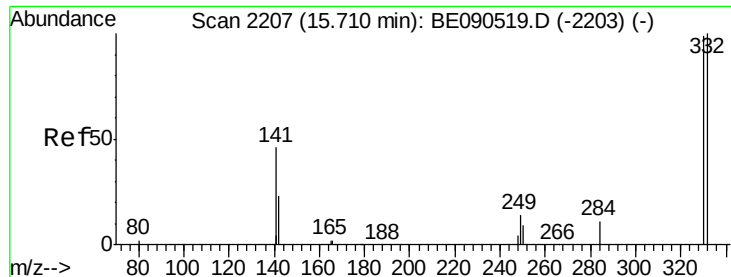
Tgt Ion:142 Resp: 57845
Ion Ratio Lower Upper
142 100
141 89.7 72.6 109.0
115 37.3 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090534.D
Acq: 17 Aug 2015 15:48

Tgt Ion:164 Resp: 66115
Ion Ratio Lower Upper
164 100
162 107.0 81.8 122.8
160 51.1 44.2 66.4

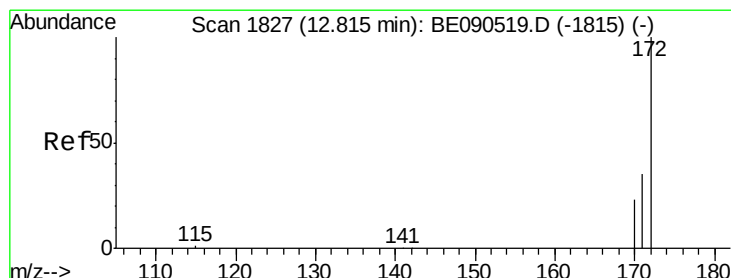
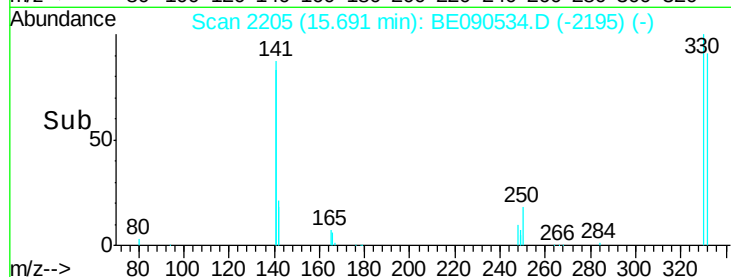
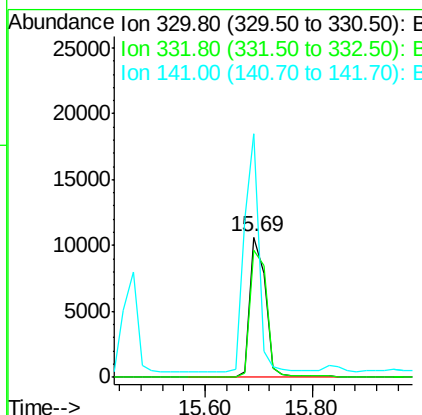
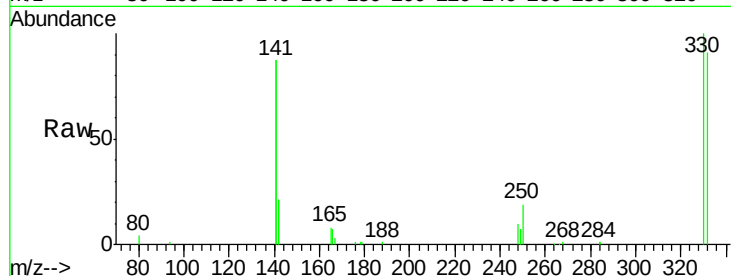




#13
 2,4,6-Tribromophenol
 Concen: 8.19 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090534.D
 Acq: 17 Aug 2015 15:48

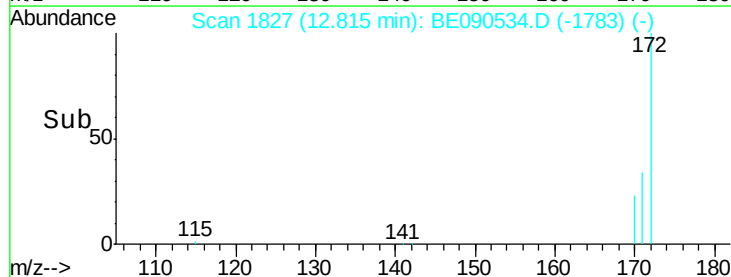
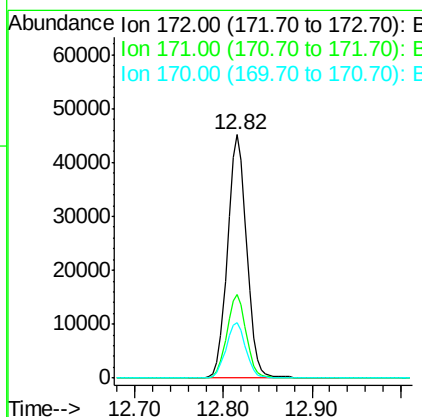
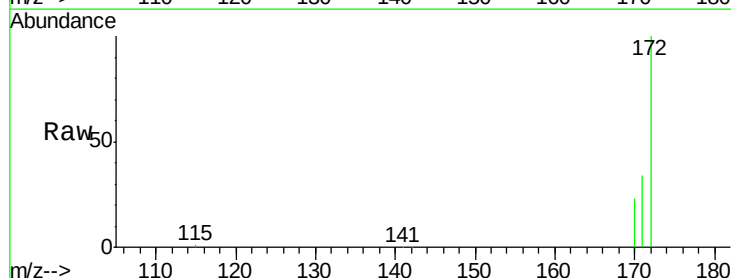
Instrument :
 BNA_E
 ClientSampleID :
 PB85049BS

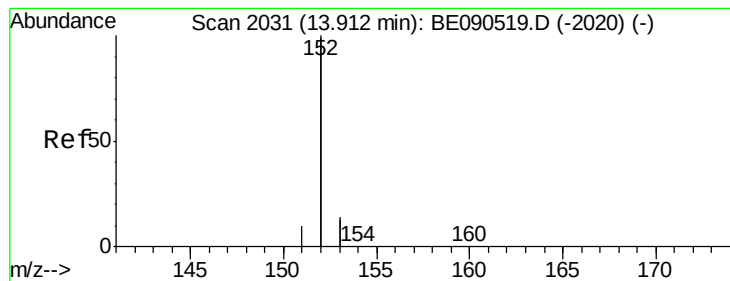
Tgt Ion: 330 Resp: 20851
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.8 113.6
 141 162.7 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.43 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090534.D
 Acq: 17 Aug 2015 15:48

Tgt Ion: 172 Resp: 67659
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.8 19.8 29.8





#15

Acenaphthylene

Concen: 3.17 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

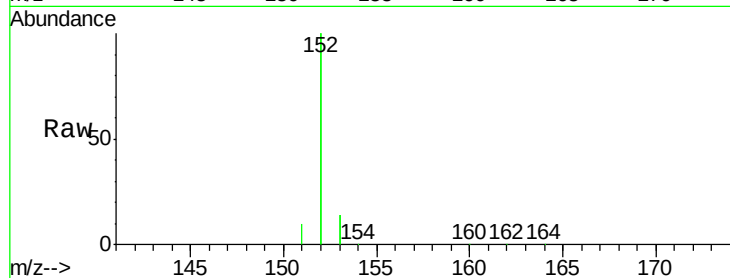
Tgt Ion:152 Resp: 382739

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

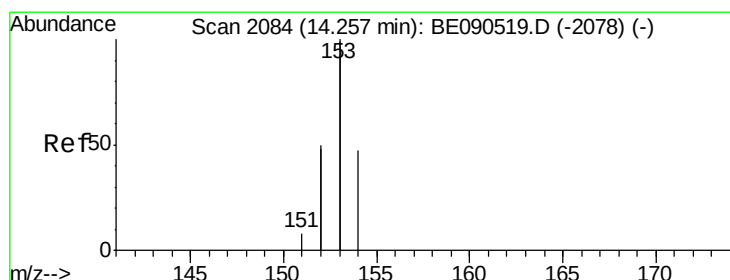
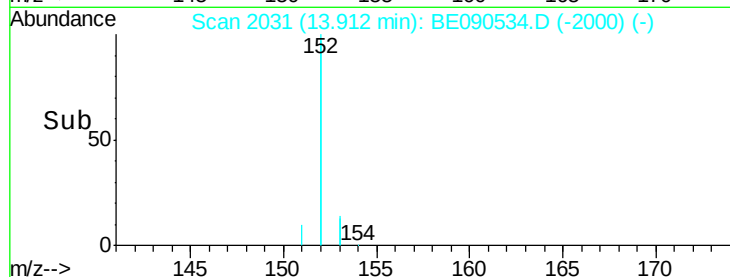
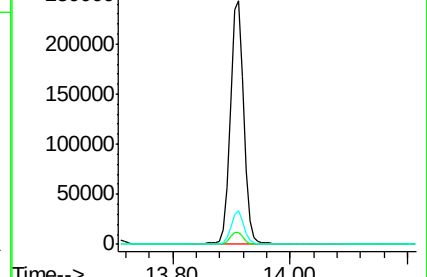
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.16 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

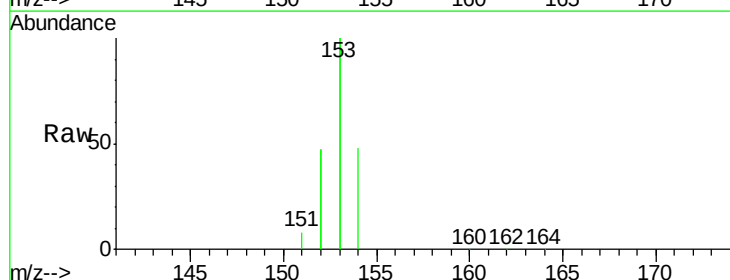
Tgt Ion:154 Resp: 57471

Ion Ratio Lower Upper

154 100

153 436.0 376.2 564.2

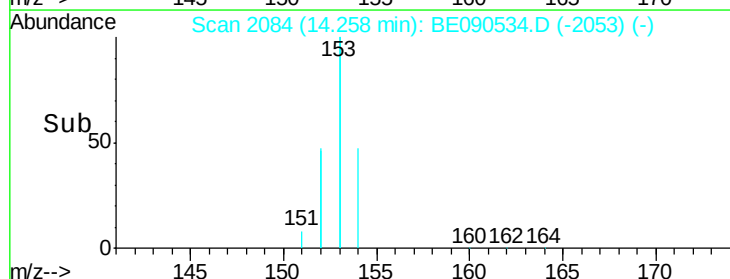
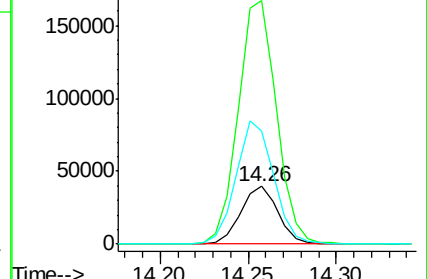
152 216.1 235.0 352.4#

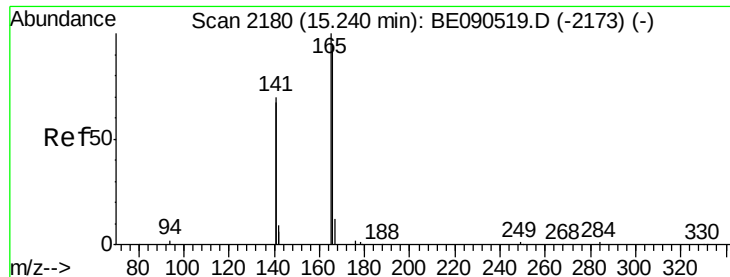


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

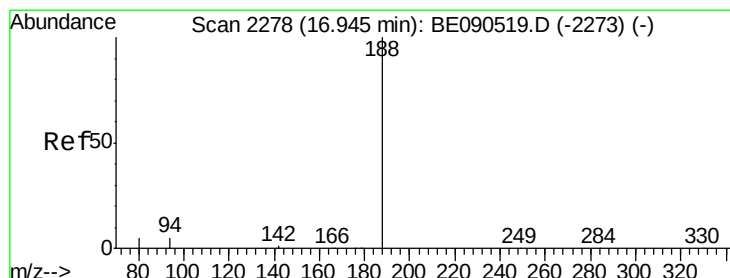
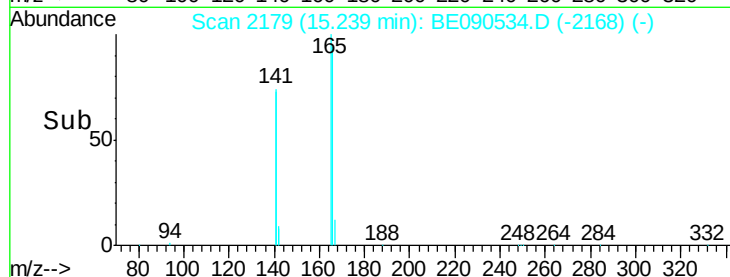
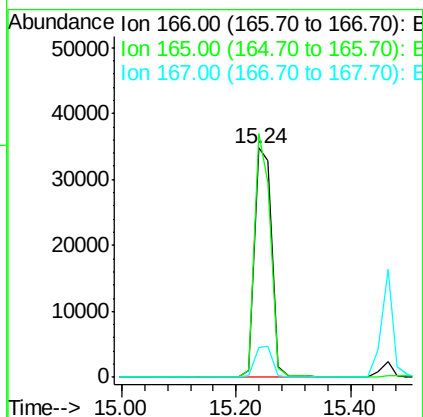
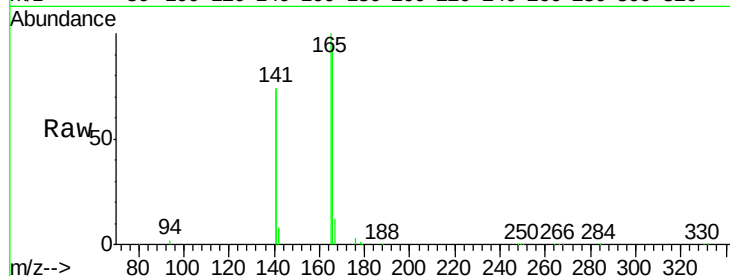




#17
Fluorene
 Concen: 3.30 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090534.D
 Acq: 17 Aug 2015 15:48

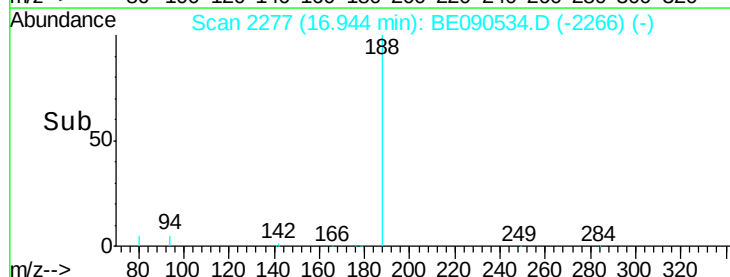
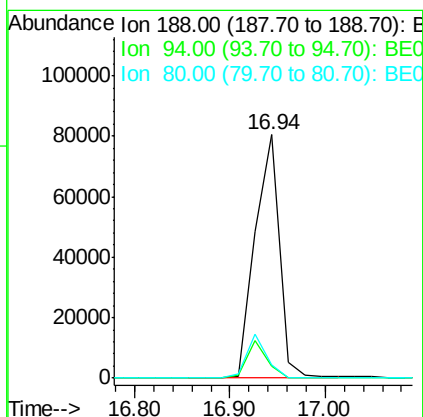
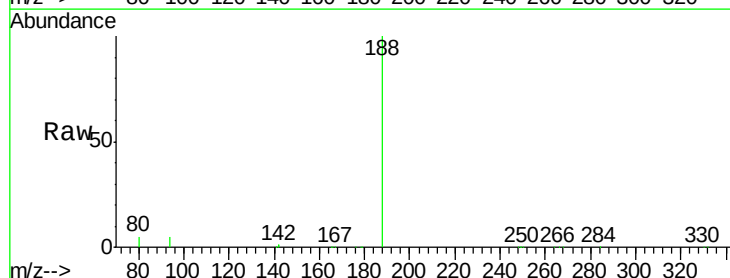
Instrument :
 BNA_E
 ClientSampleId :
 PB85049BS

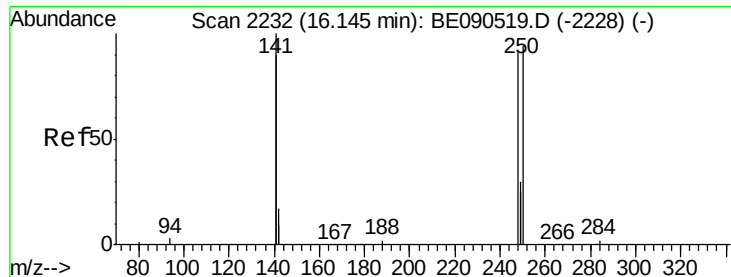
Tgt Ion:166 Resp: 73468
 Ion Ratio Lower Upper
 166 100
 165 98.8 81.5 122.3
 167 13.6 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090534.D
 Acq: 17 Aug 2015 15:48

Tgt Ion:188 Resp: 141760
 Ion Ratio Lower Upper
 188 100
 94 5.1 5.7 8.5#
 80 5.2 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 3.45 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

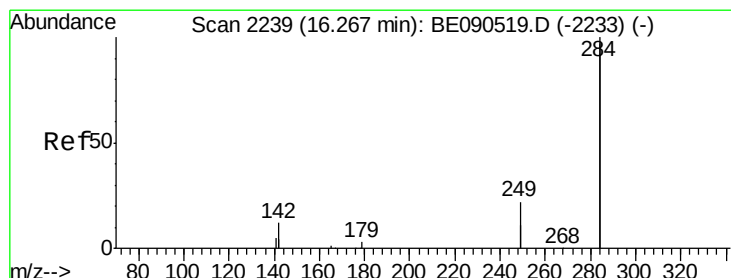
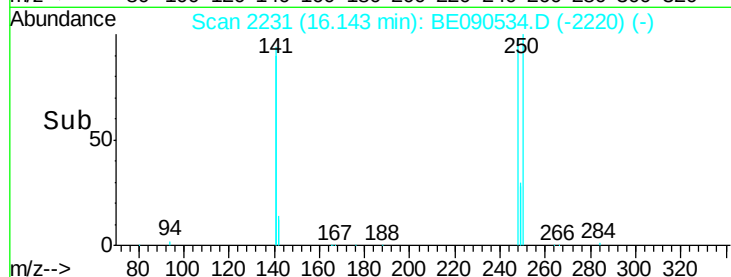
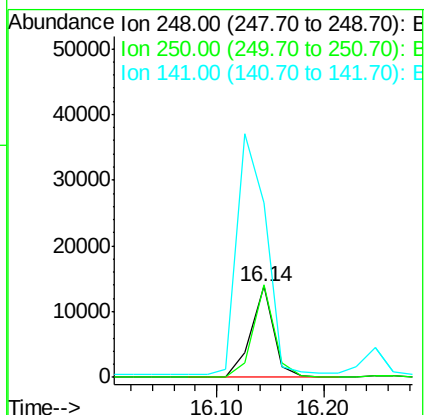
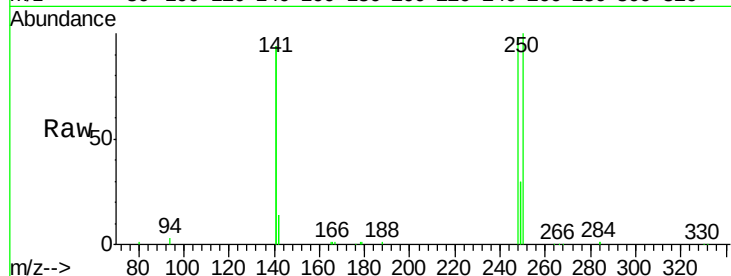
Tgt Ion:248 Resp: 19974

Ion Ratio Lower Upper

248 100

250 97.8 79.0 118.6

141 341.9 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.38 ng

RT: 16.27 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

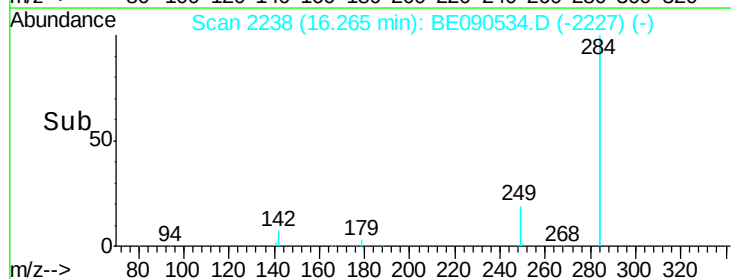
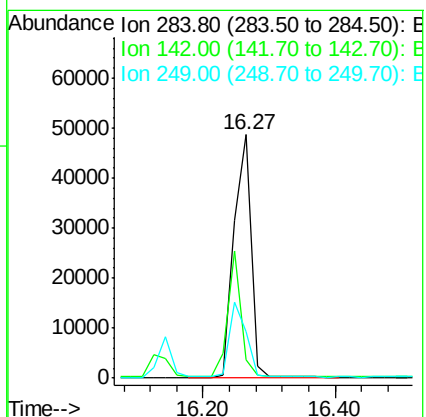
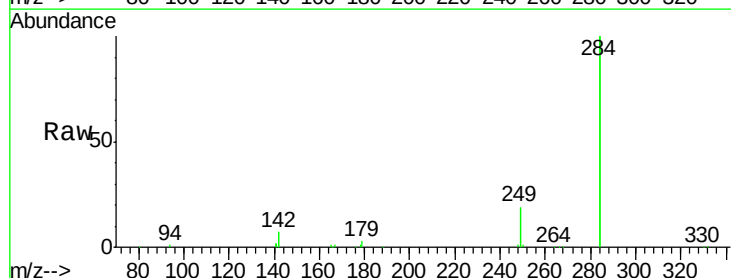
Tgt Ion:284 Resp: 86915

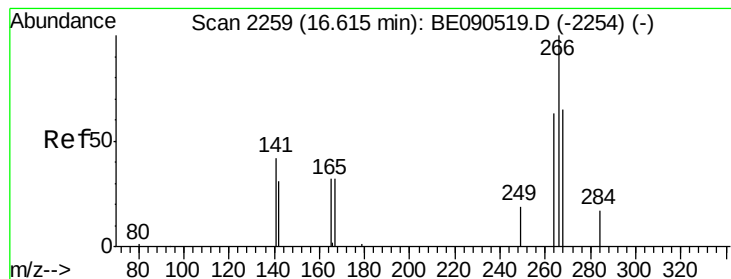
Ion Ratio Lower Upper

284 100

142 40.1 30.1 45.1

249 30.1 25.7 38.5





#21

Pentachlorophenol

Concen: 5.89 ng

RT: 16.61 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

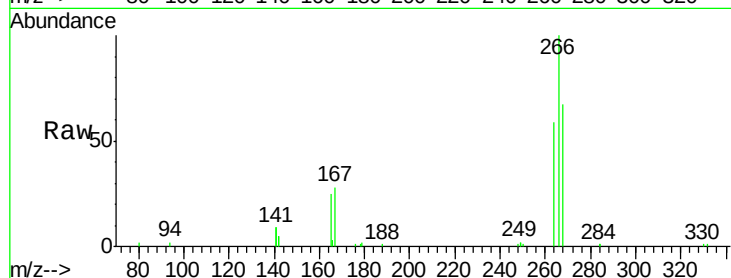
Tgt Ion:266 Resp: 18287

Ion Ratio Lower Upper

266 100

268 66.5 58.5 87.7

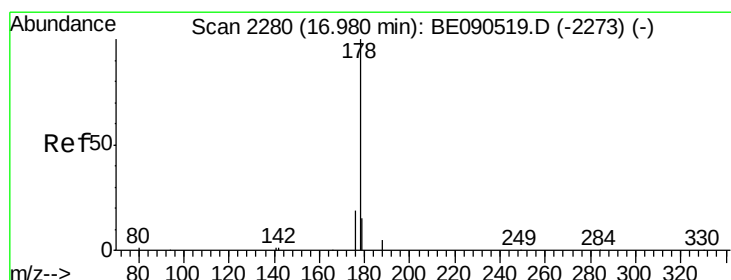
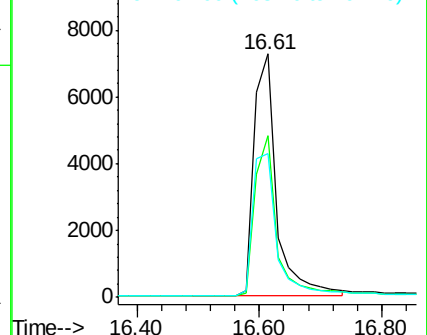
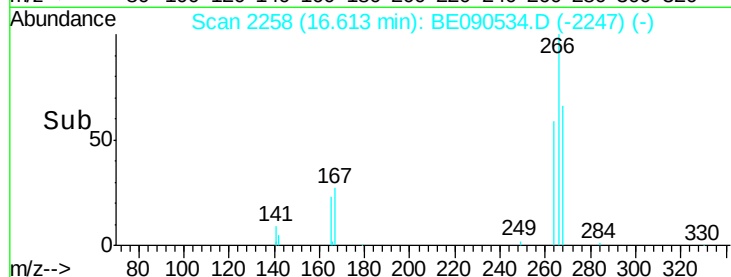
264 59.2 56.0 84.0



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



#22

Phenanthrene

Concen: 3.21 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

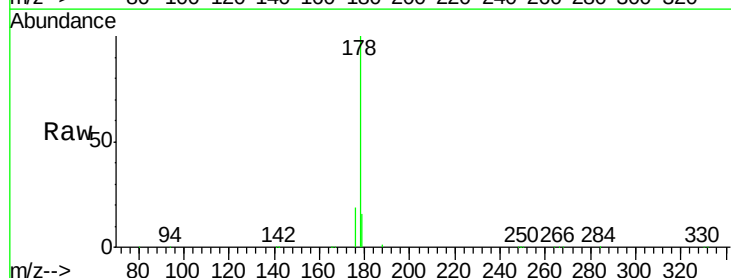
Tgt Ion:178 Resp: 119412

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

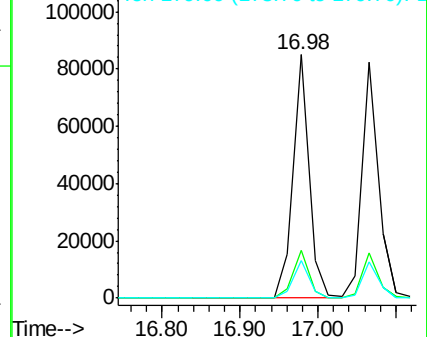
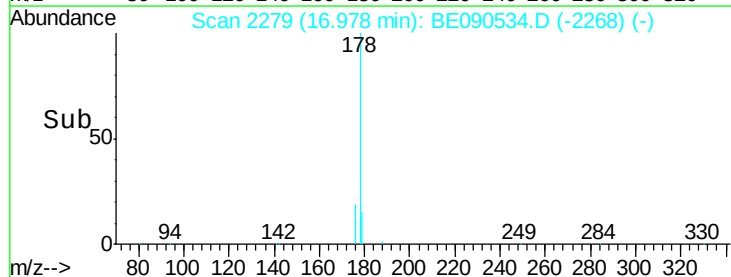
179 15.5 12.5 18.7

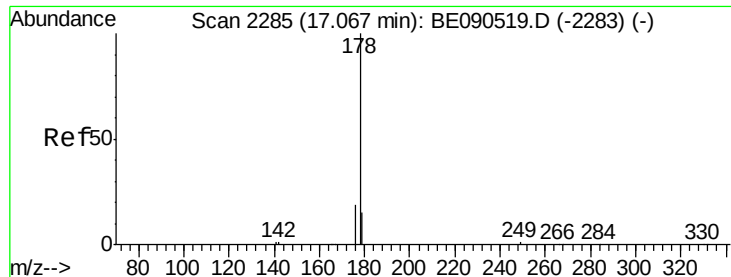


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.49 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

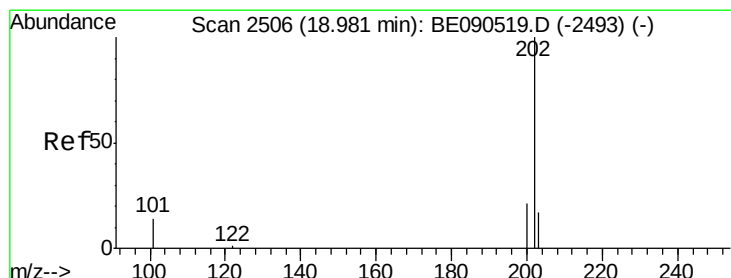
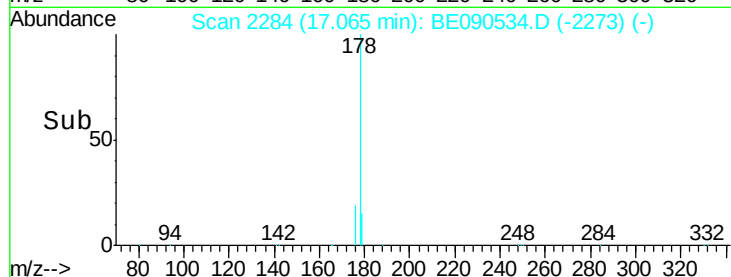
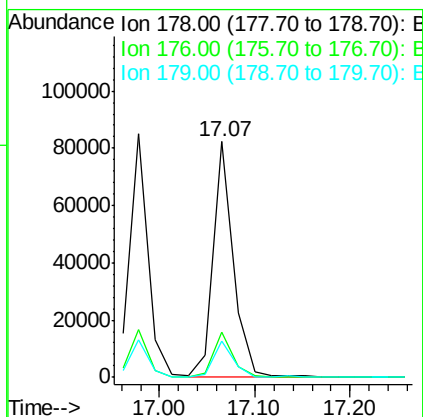
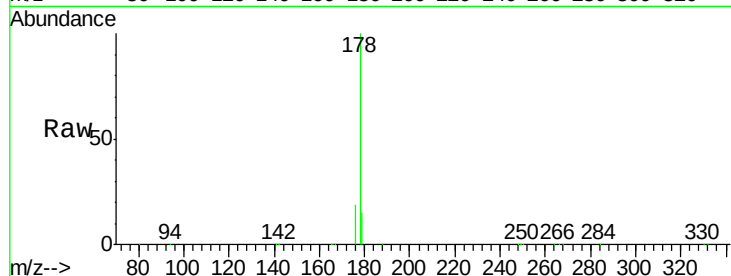
Tgt Ion:178 Resp: 119694

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.7 12.2 18.4



#24

Fluoranthene

Concen: 3.47 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

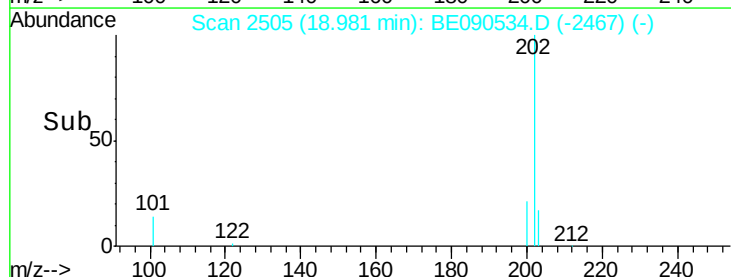
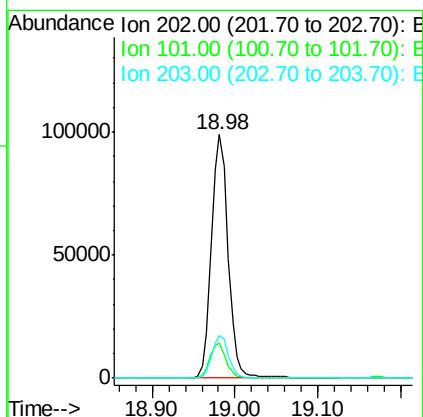
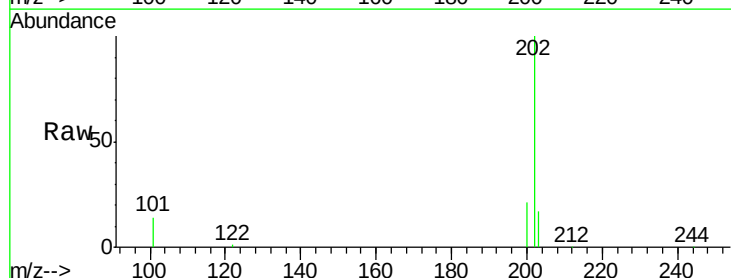
Tgt Ion:202 Resp: 137260

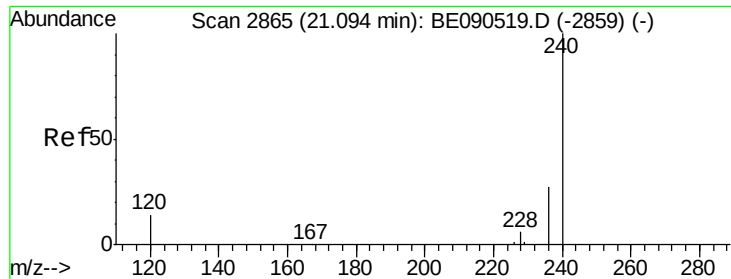
Ion Ratio Lower Upper

202 100

101 14.1 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

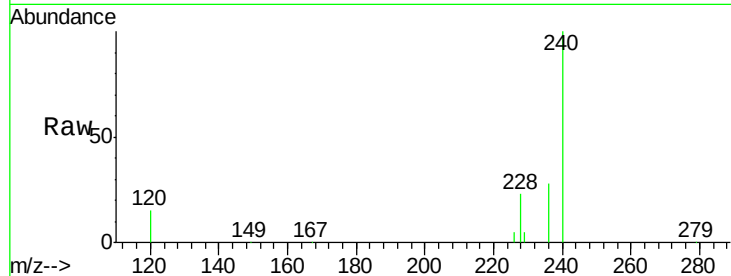
Tgt Ion:240 Resp: 150925

Ion Ratio Lower Upper

240 100

120 15.3 8.3 12.5#

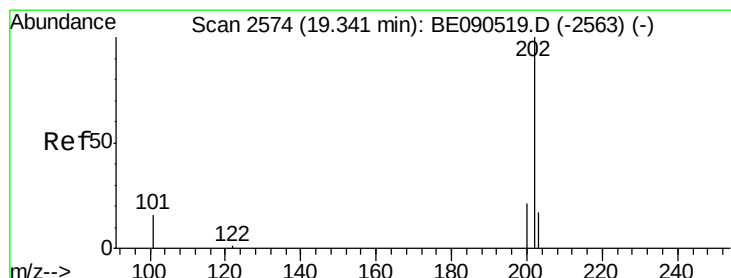
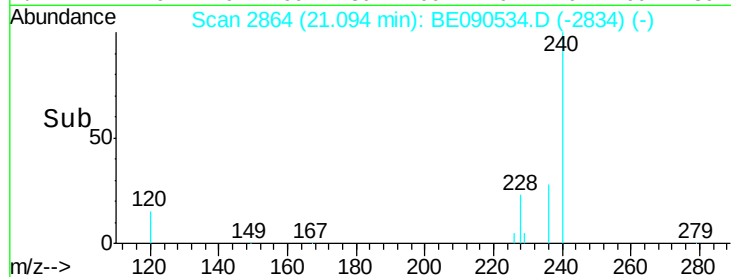
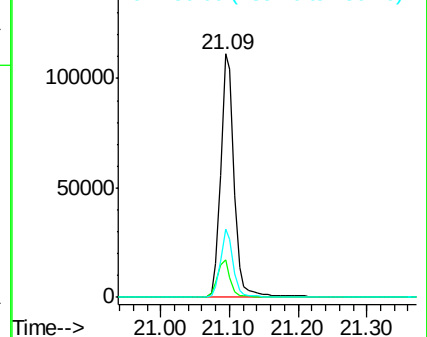
236 28.1 21.0 31.4



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



#26

Pyrene

Concen: 3.35 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

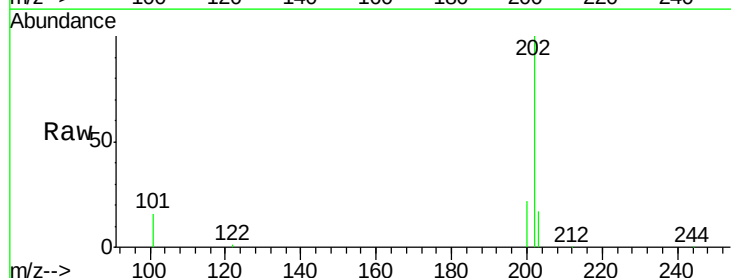
Tgt Ion:202 Resp: 144768

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

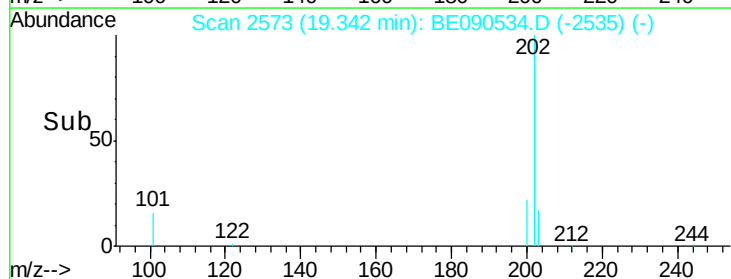
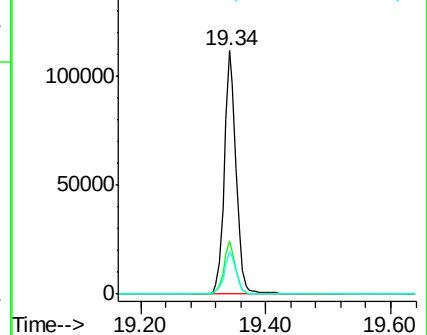
203 18.1 13.8 20.8

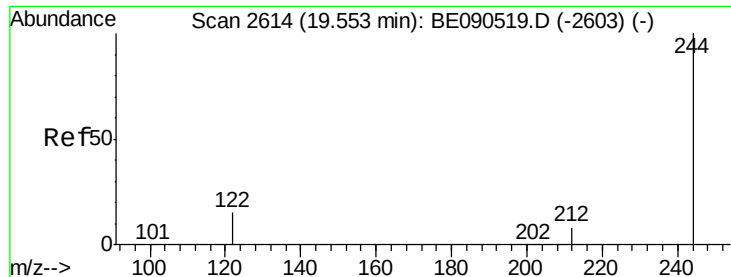


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 3.45 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

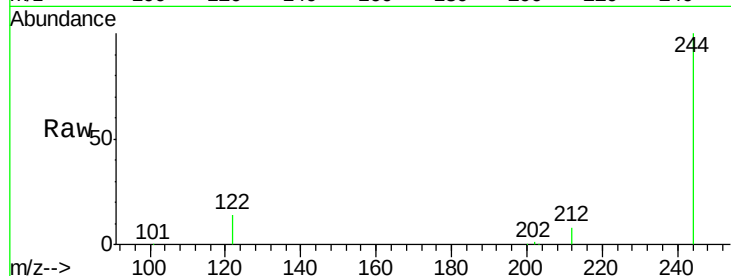
Tgt Ion:244 Resp: 95296

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

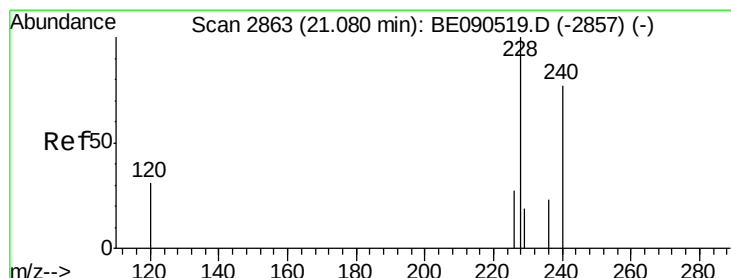
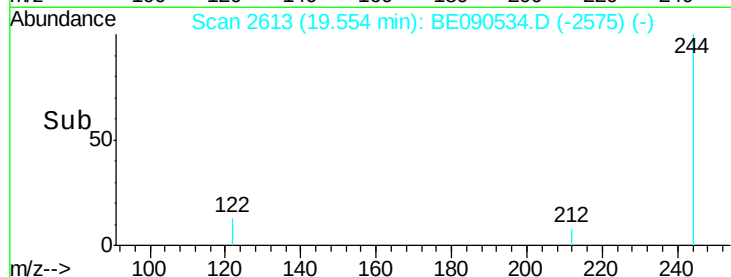
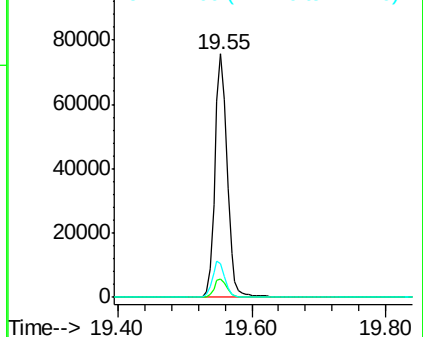
122 13.9 10.2 15.4



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



#28

Benzo(a)anthracene

Concen: 3.34 ng

RT: 21.08 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

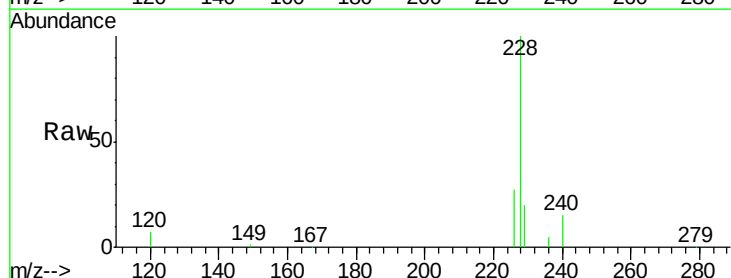
Tgt Ion:228 Resp: 132823

Ion Ratio Lower Upper

228 100

226 26.7 21.9 32.9

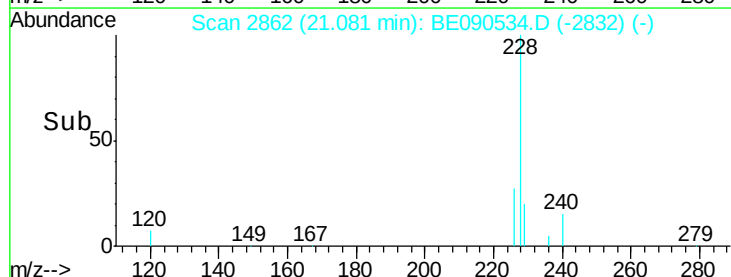
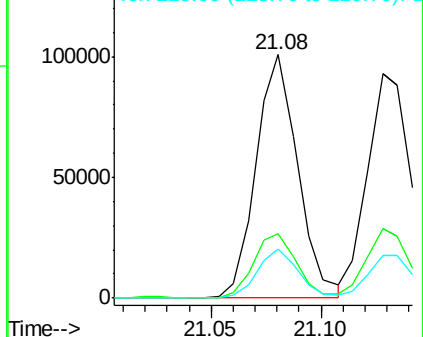
229 19.9 15.4 23.0

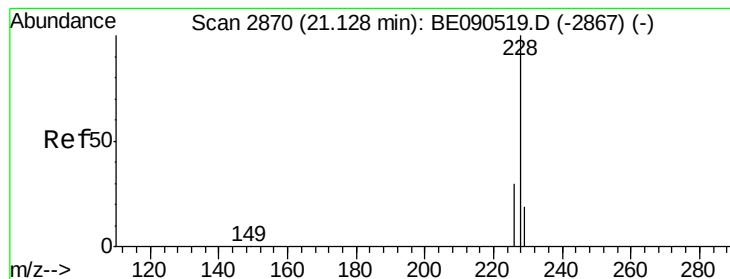


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.30 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

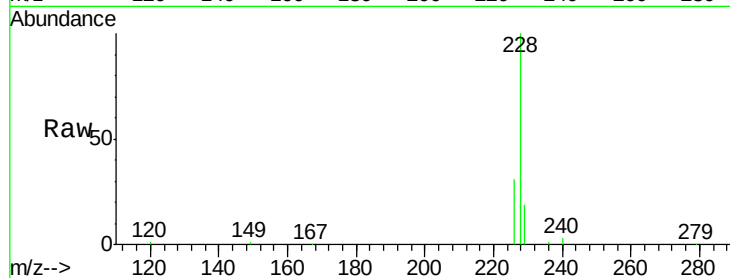
Tgt Ion:228 Resp: 133820

Ion Ratio Lower Upper

228 100

226 30.9 23.1 34.7

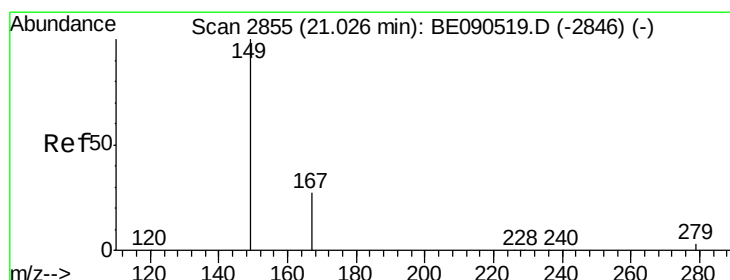
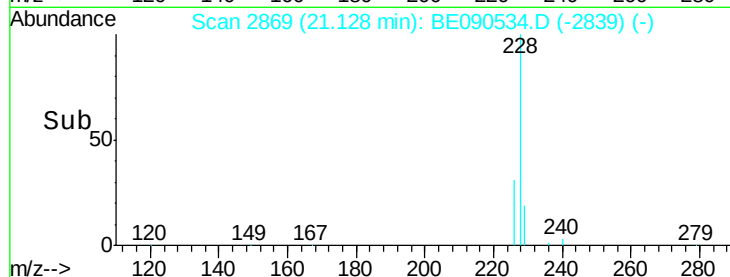
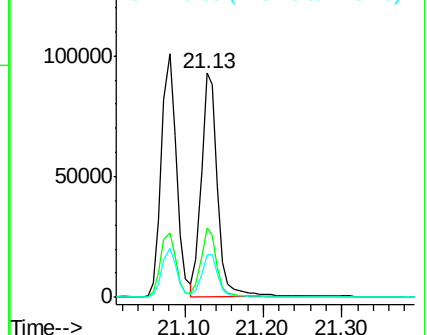
229 19.2 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.94 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

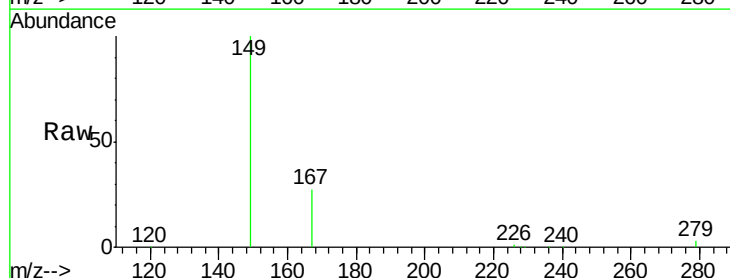
Tgt Ion:149 Resp: 92620

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

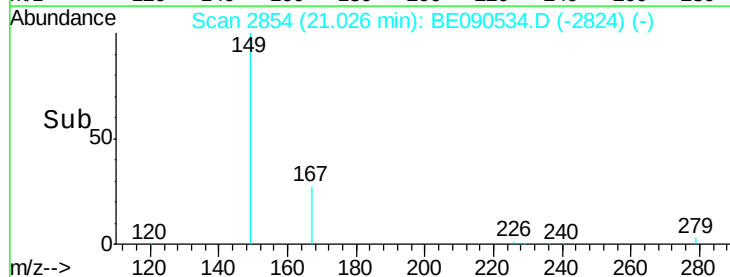
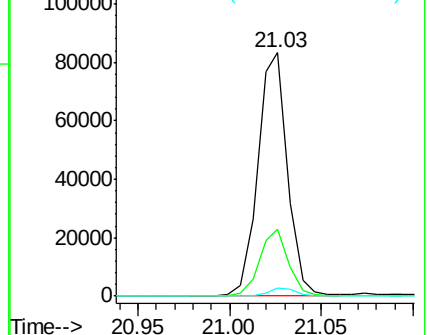
279 3.2 2.4 3.6

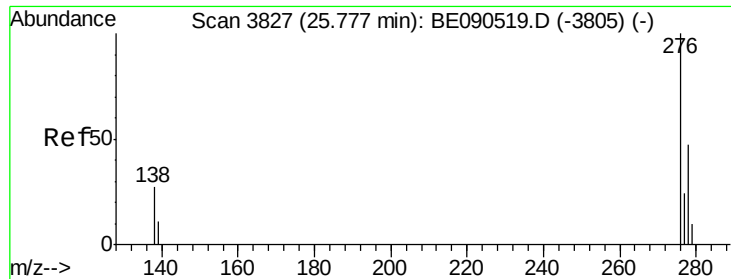


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.54 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

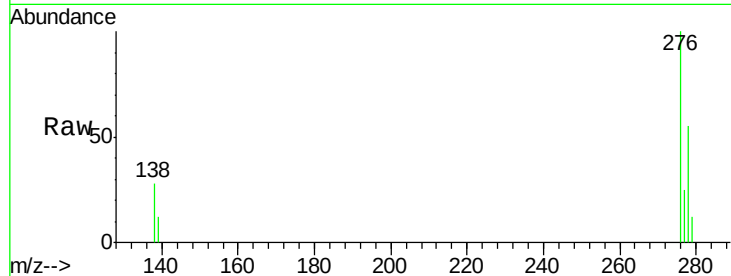
Tgt Ion: 276 Resp: 135275

Ion Ratio Lower Upper

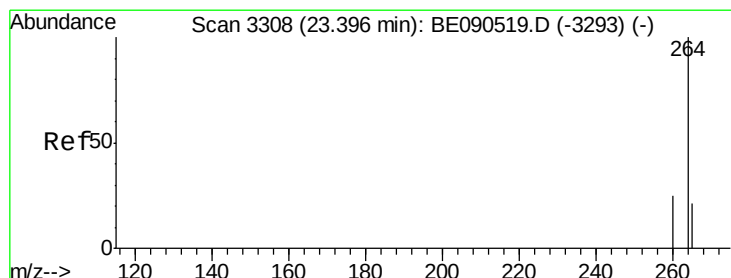
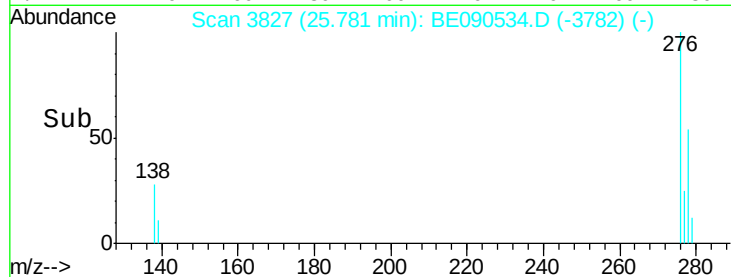
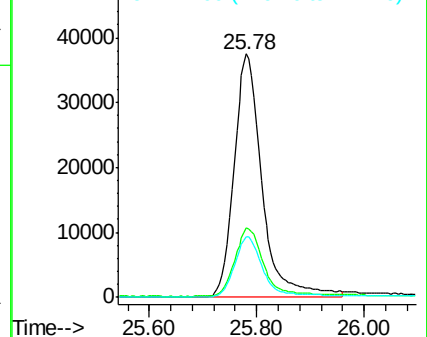
276 100

138 29.4 18.8 28.2#

277 24.9 18.2 27.4



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

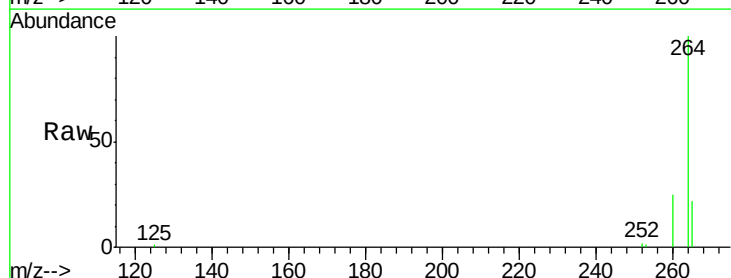
Tgt Ion: 264 Resp: 141989

Ion Ratio Lower Upper

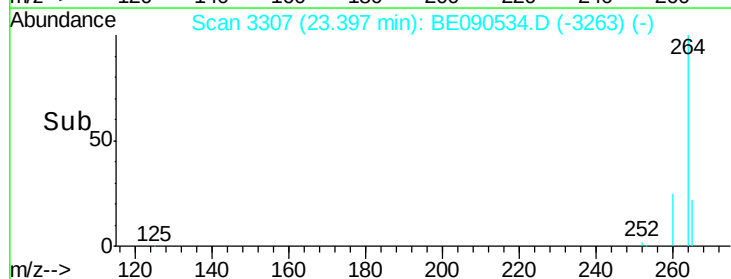
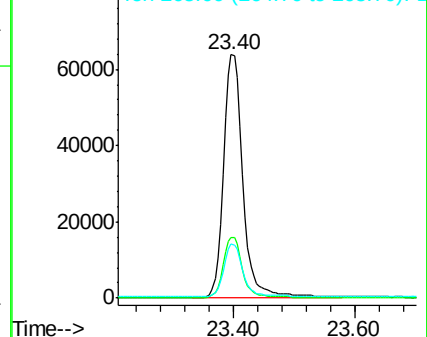
264 100

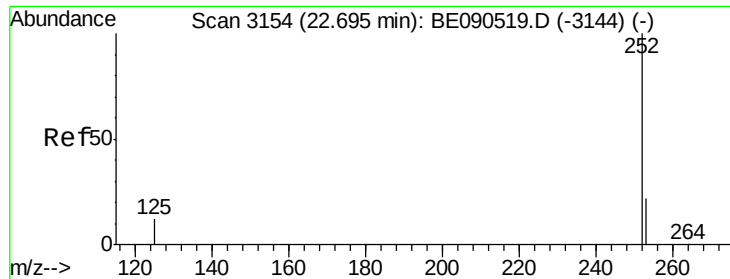
260 25.1 20.1 30.1

265 22.2 17.2 25.8



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





#33

Benzo(b)fluoranthene

Concen: 3.52 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

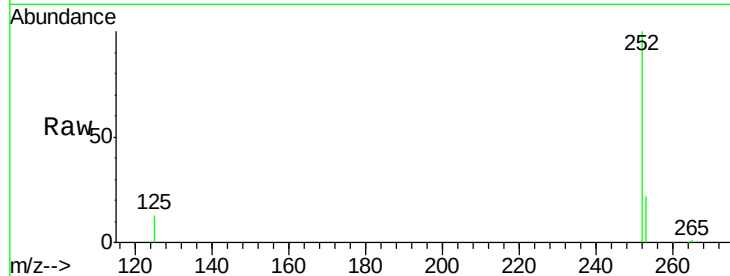
Tgt Ion:252 Resp: 118280

Ion Ratio Lower Upper

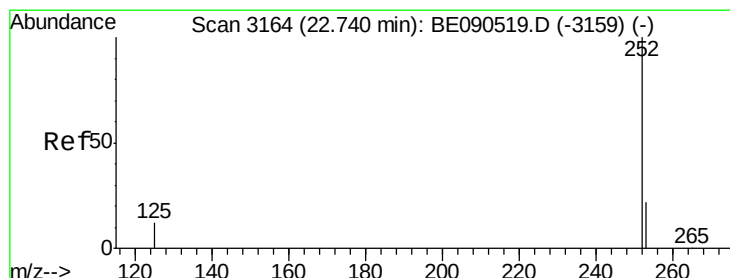
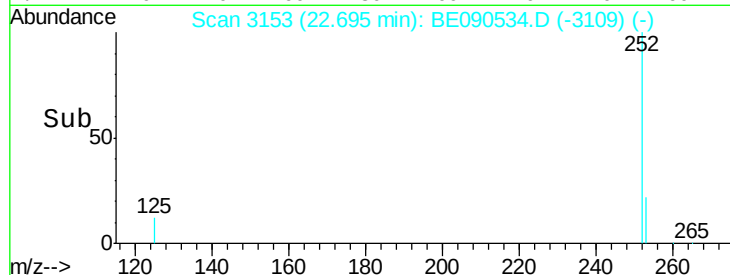
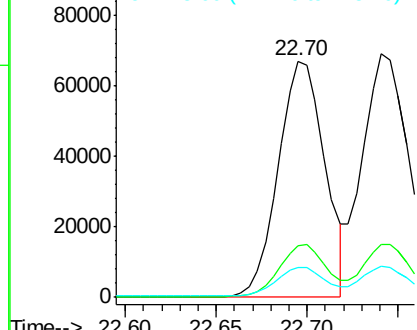
252 100

253 22.1 18.1 27.1

125 12.9 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 3.50 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

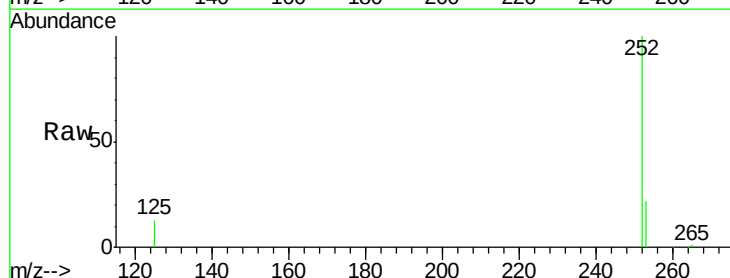
Tgt Ion:252 Resp: 133375

Ion Ratio Lower Upper

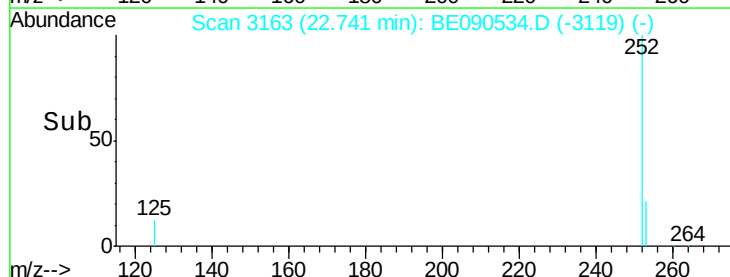
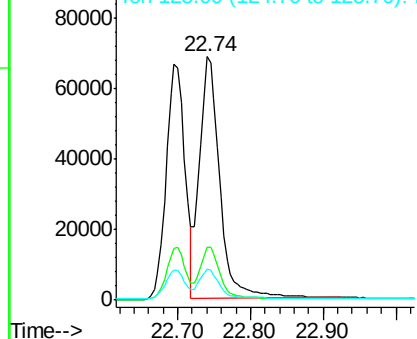
252 100

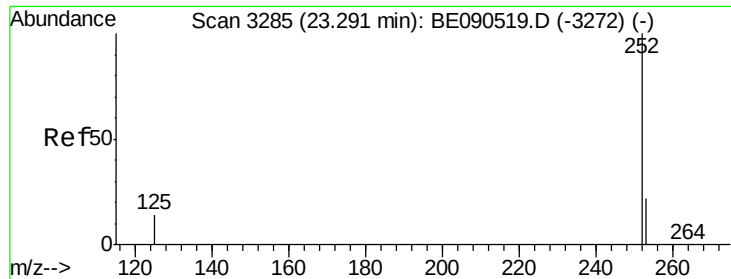
253 21.5 18.1 27.1

125 12.9 9.1 13.7



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





#35

Benzo(a)pyrene

Concen: 3.86 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS

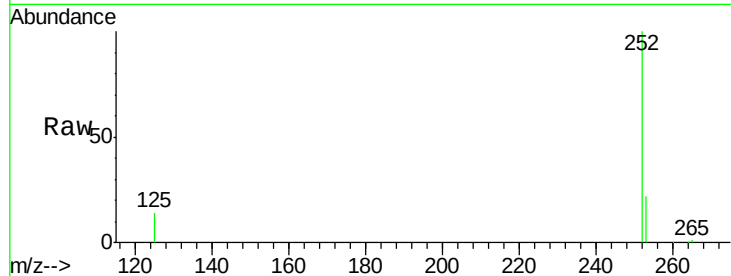
Tgt Ion:252 Resp: 121530

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

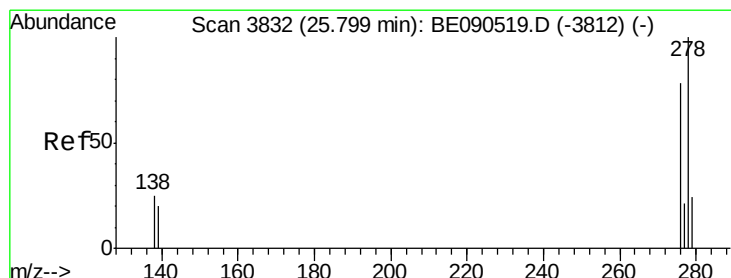
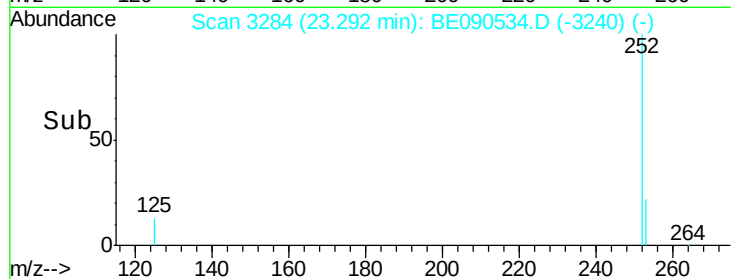
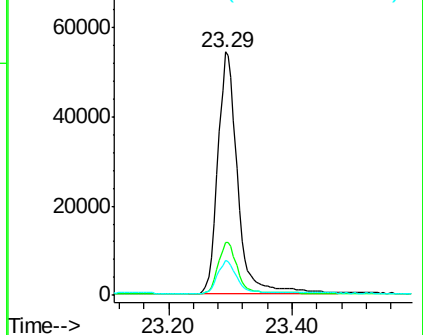
125 14.3 9.8 14.6



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



#36

Dibenzo(a,h)anthracene

Concen: 3.60 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.00 min

Lab File: BE090534.D

Acq: 17 Aug 2015 15:48

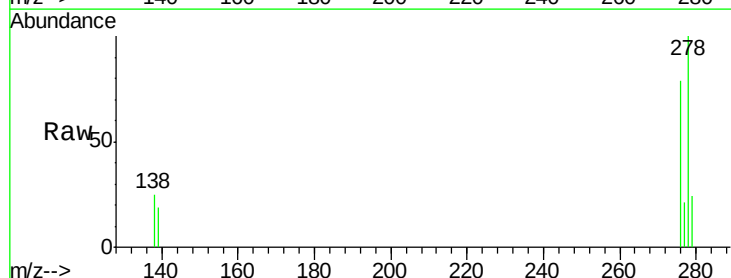
Tgt Ion:278 Resp: 109271

Ion Ratio Lower Upper

278 100

139 18.8 14.2 21.4

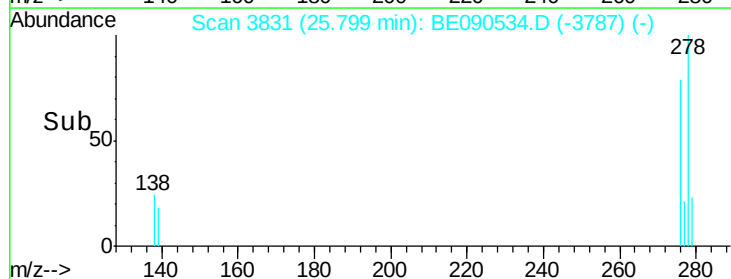
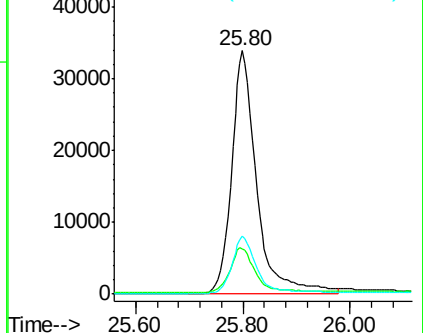
279 23.7 20.1 30.1

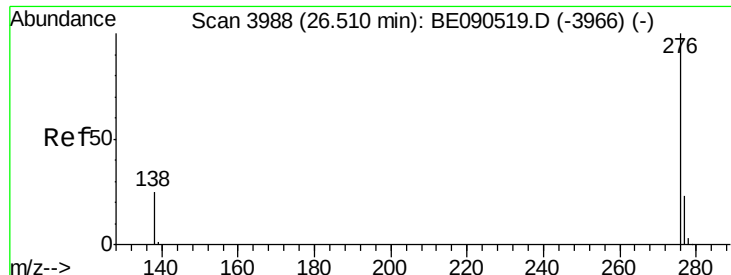


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 3.60 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090534.D

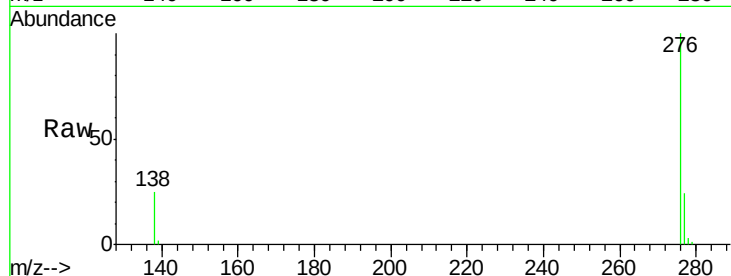
Acq: 17 Aug 2015 15:48

Instrument :

BNA_E

ClientSampleId :

PB85049BS



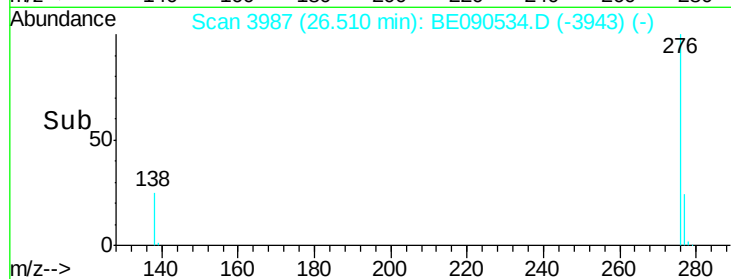
Tgt Ion: 276 Resp: 119537

Ion Ratio Lower Upper

276 100

277 24.0 20.1 30.1

138 25.4 18.1 27.1



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

