

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091415\
 Data File : BE090797.D
 Acq On : 14 Sep 2015 11:13
 Operator : UM/IZ
 Sample : PB85487BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85487BSD

Quant Time: Sep 14 13:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	46958	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	223147	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	116532	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	272437	5.00	ng	0.00
25) Chrysene-d12	21.07	240	351439	5.00	ng	0.00
32) Perylene-d12	23.36	264	313776	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	76444	8.35	ng	0.00
5) Phenol-d6	6.74	99	123350	9.43	ng	-0.01
7) Nitrobenzene-d5	8.69	82	62938	4.27	ng	-0.02
13) 2,4,6-Tribromophenol	15.67	330	28516	8.33	ng	0.00
14) 2-Fluorobiphenyl	12.78	172	123255	3.82	ng	-0.01
27) Terphenyl-d14	19.53	244	187141	4.81	ng	-0.01

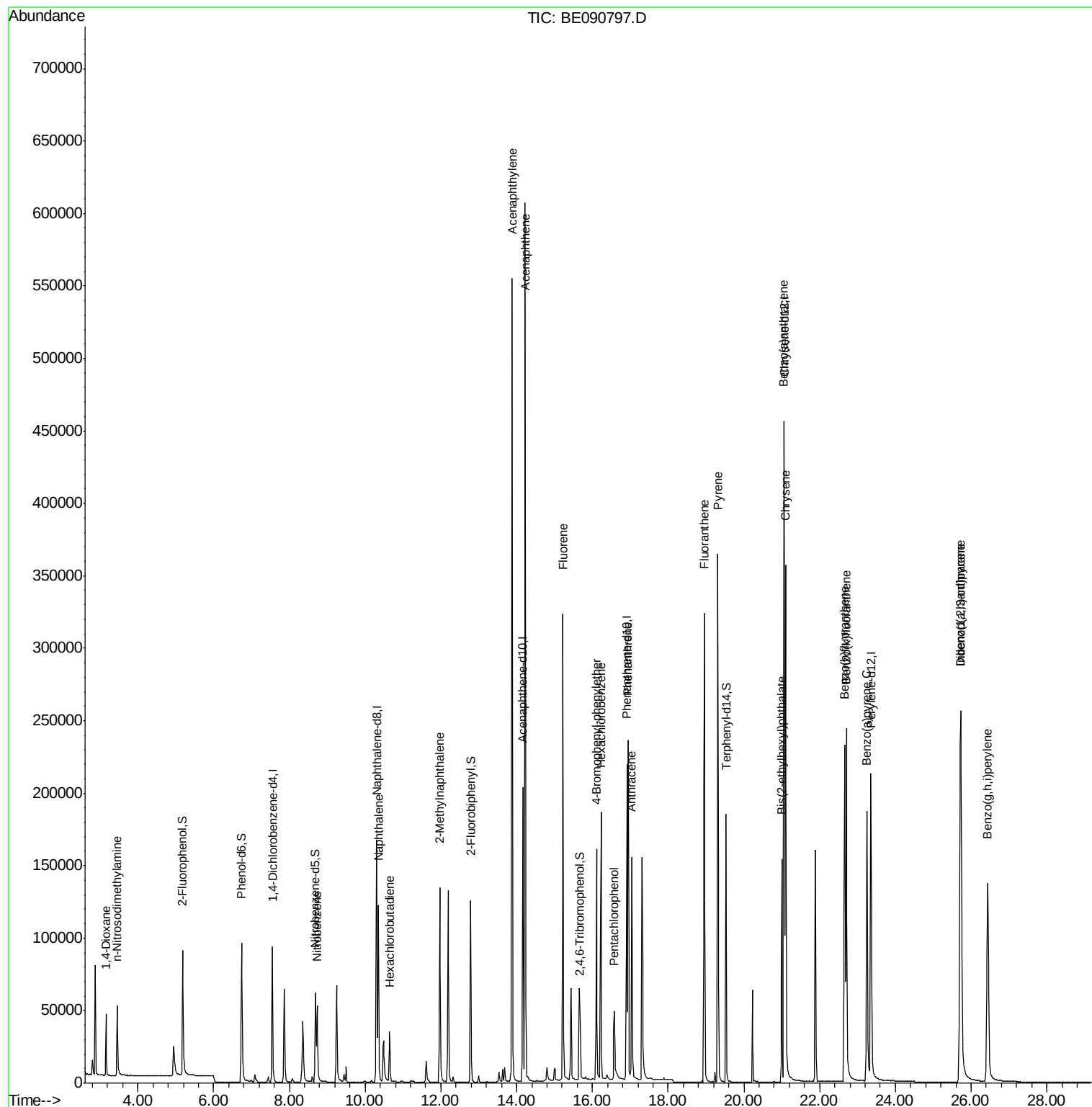
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	22134	3.58	ng	97
3) n-Nitrosodimethylamine	3.45	42	30467	3.64	ng	# 92
8) Nitrobenzene	8.73	77	67066	3.73	ng	98
9) Naphthalene	10.35	128	169383	3.48	ng	99
10) Hexachlorobutadiene	10.64	225	25168	3.31	ng	99
11) 2-Methylnaphthalene	11.97	142	107669	4.09	ng	98
15) Acenaphthylene	13.88	152	712592	3.83	ng	100
16) Acenaphthene	14.23	154	111751	3.59	ng	90
17) Fluorene	15.22	166	144645	3.73	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	37348	4.02	ng	95
20) Hexachlorobenzene	16.23	284	177667	3.98	ng	98
21) Pentachlorophenol	16.58	266	33203	8.73	ng	94
22) Phenanthrene	16.94	178	262030	3.89	ng	99
23) Anthracene	17.03	178	248976	4.42	ng	100
24) Fluoranthene	18.96	202	302411	4.26	ng	99
26) Pyrene	19.32	202	337644	4.64	ng	99
28) Benzo(a)anthracene	21.05	228	322499	4.19	ng	99
29) Chrysene	21.11	228	330904	4.07	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	116845	4.51	ng	99
31) Indeno(1,2,3-cd)pyrene	25.71	276	349551	4.21	ng	98
33) Benzo(b)fluoranthene	22.66	252	299295	4.40	ng	99
34) Benzo(k)fluoranthene	22.70	252	331789	4.19	ng	99
35) Benzo(a)pyrene	23.25	252	282473	4.64	ng	99
36) Dibenzo(a,h)anthracene	25.73	278	286454	3.89	ng	99
37) Benzo(g,h,i)perylene	26.44	276	297123	4.24	ng	99

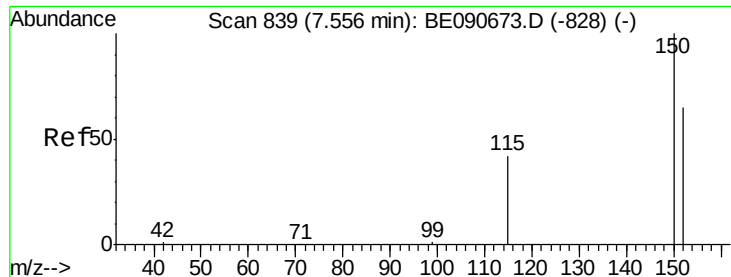
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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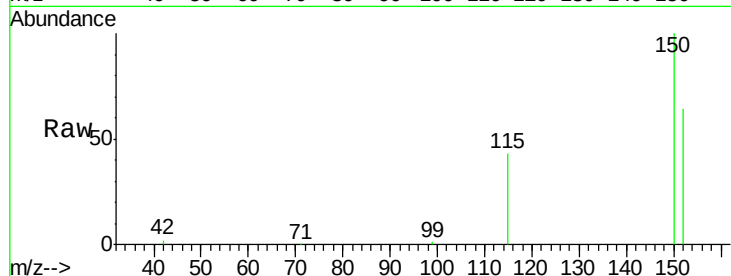




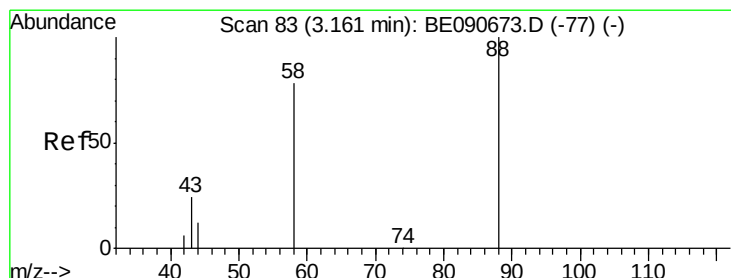
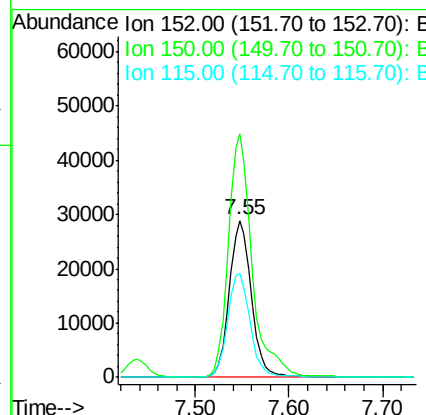
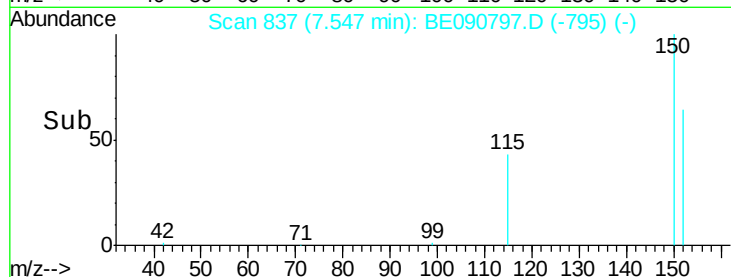
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

Instrument :
 BNA_E
 ClientSampleId :
 PB85487BSD

Tgt Ion: 152 Resp: 46958
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.2 183.4
 115 66.6 51.0 76.4

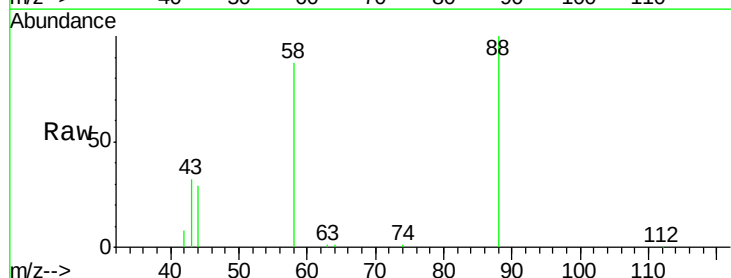


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

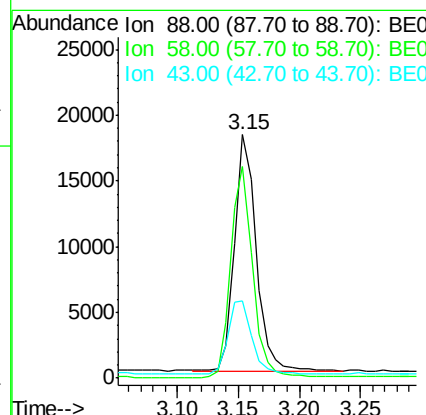
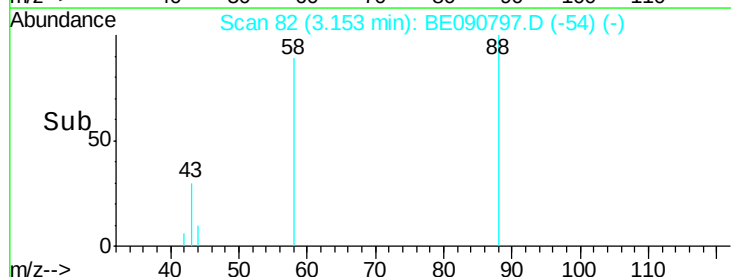


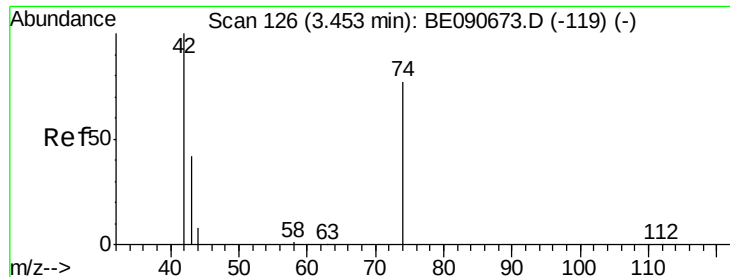
#2
 1,4-Dioxane
 Concen: 3.58 ng
 RT: 3.15 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

Tgt Ion: 88 Resp: 22134
 Ion Ratio Lower Upper
 88 100
 58 89.6 68.4 102.6
 43 33.2 26.9 40.3



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.64 ng

RT: 3.45 min Scan# 126

Delta R.T. -0.00 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

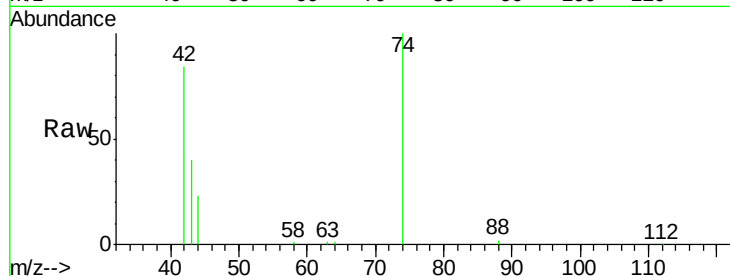
Tgt Ion: 42 Resp: 30467

Ion Ratio Lower Upper

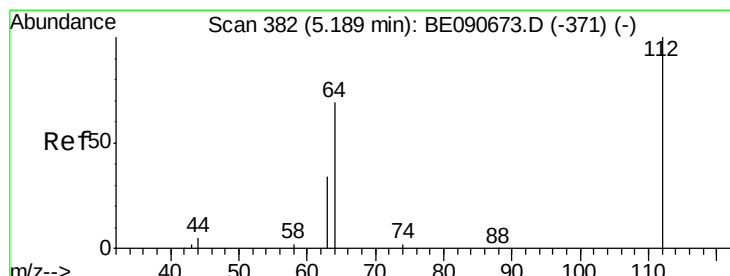
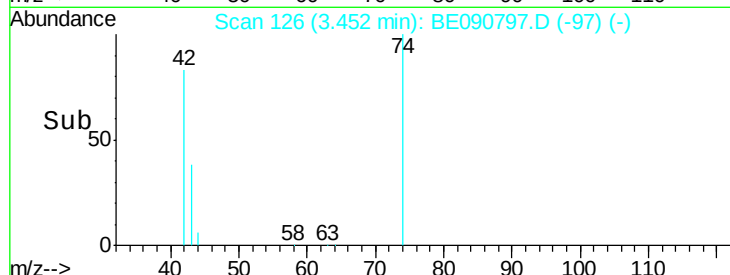
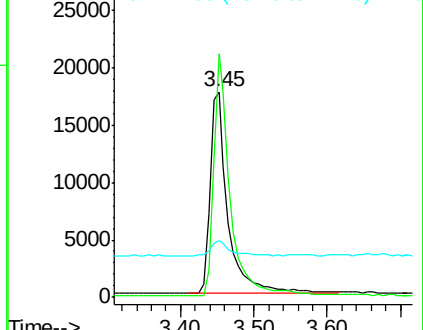
42 100

74 112.8 83.7 125.5

44 9.3 10.0 15.0#



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: 8.35 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

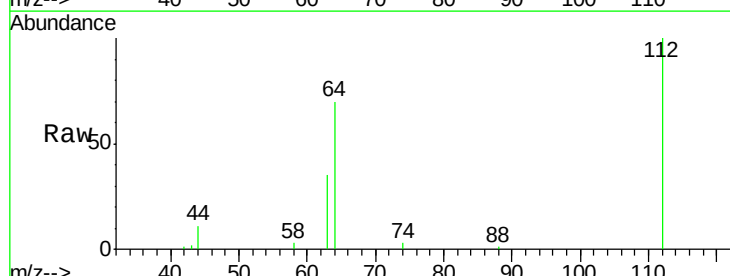
Tgt Ion: 112 Resp: 76444

Ion Ratio Lower Upper

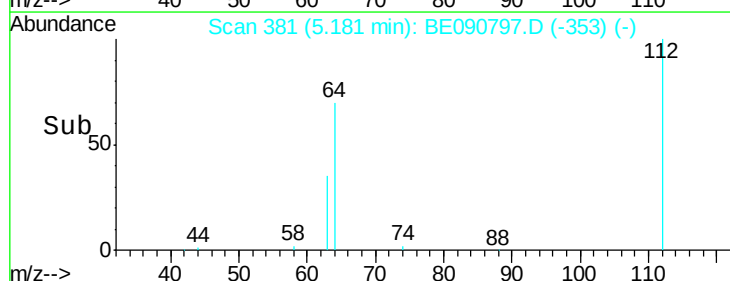
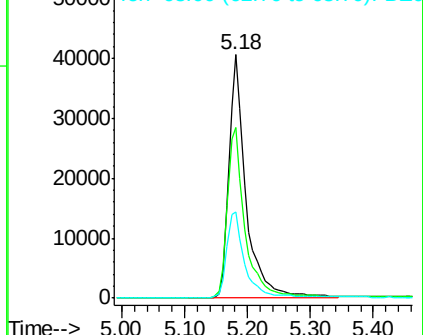
112 100

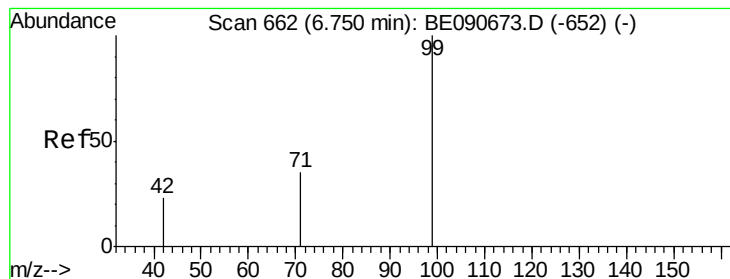
64 73.0 57.3 85.9

63 37.5 29.2 43.8



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





#5

Phenol-d6

Concen: 9.43 ng

RT: 6.74 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

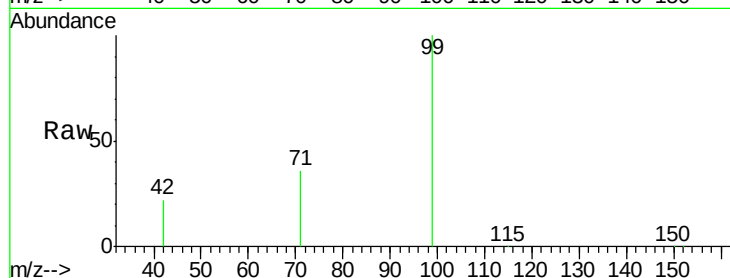
Tgt Ion: 99 Resp: 123350

Ion Ratio Lower Upper

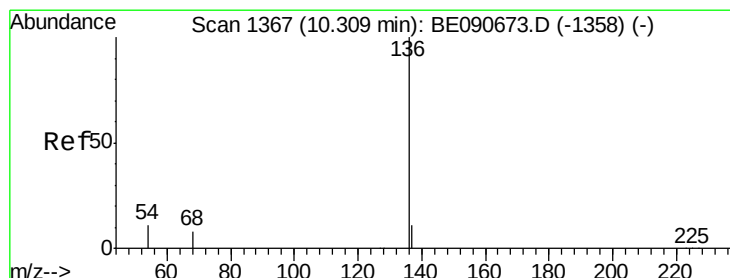
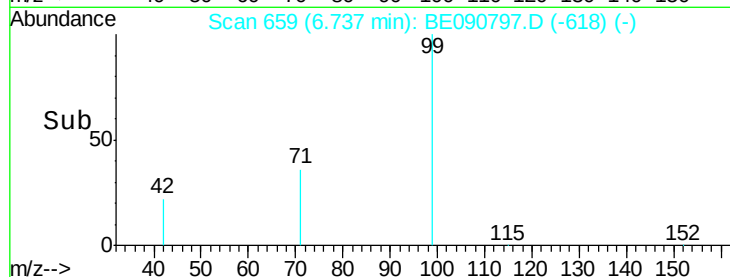
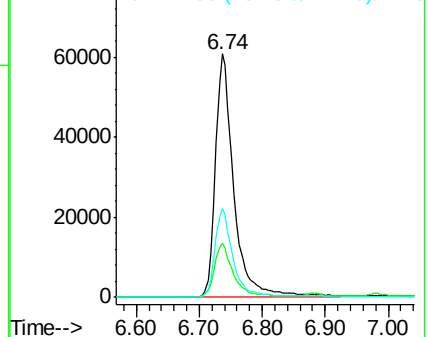
99 100

42 22.1 16.8 25.2

71 36.2 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Tgt Ion: 136 Resp: 223147

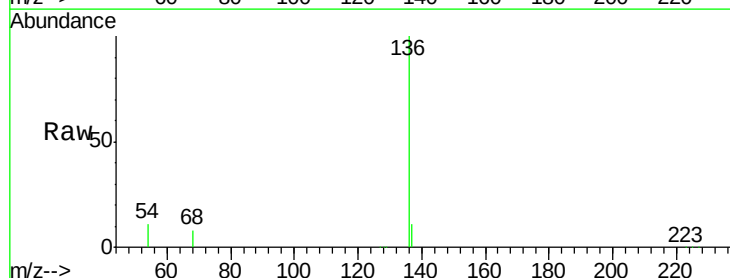
Ion Ratio Lower Upper

136 100

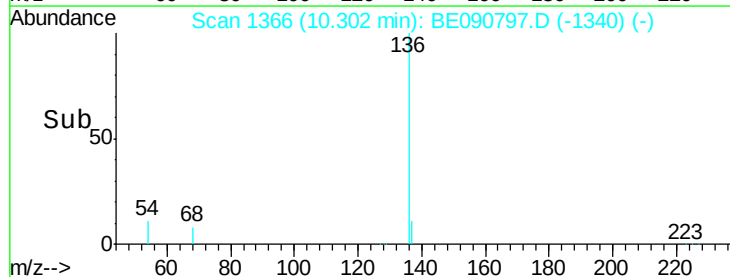
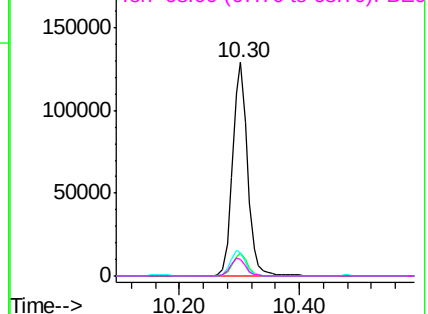
137 11.1 8.7 13.1

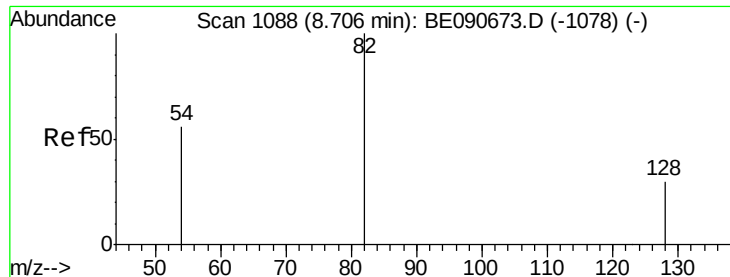
54 10.7 9.0 13.6

68 7.9 6.3 9.5



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: 4.27 ng

RT: 8.69 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

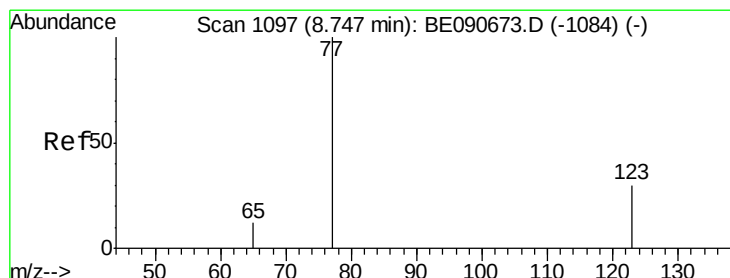
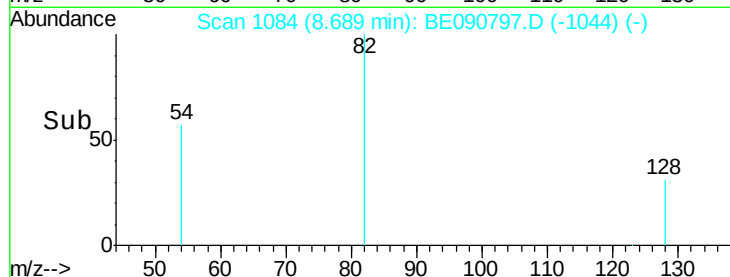
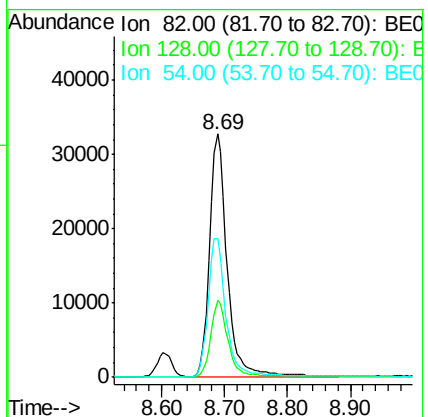
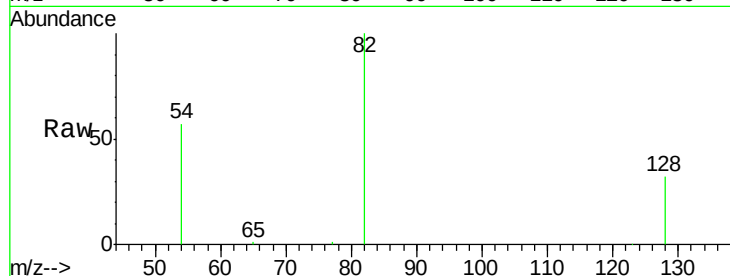
Tgt Ion: 82 Resp: 62938

Ion Ratio Lower Upper

82 100

128 31.6 25.0 37.4

54 57.2 46.3 69.5



#8

Nitrobenzene

Concen: 3.73 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

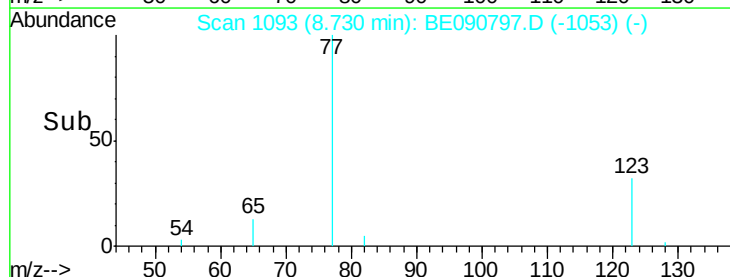
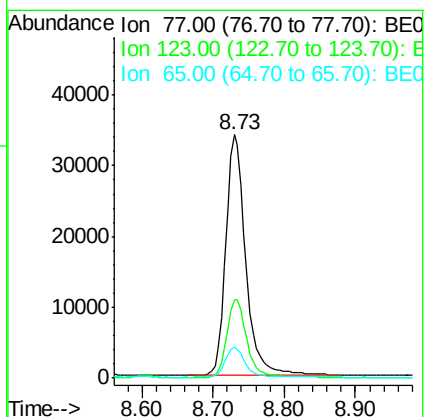
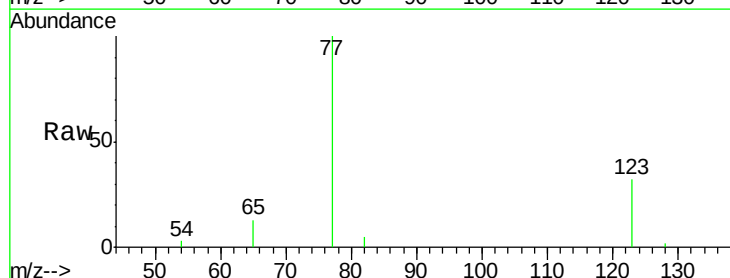
Tgt Ion: 77 Resp: 67066

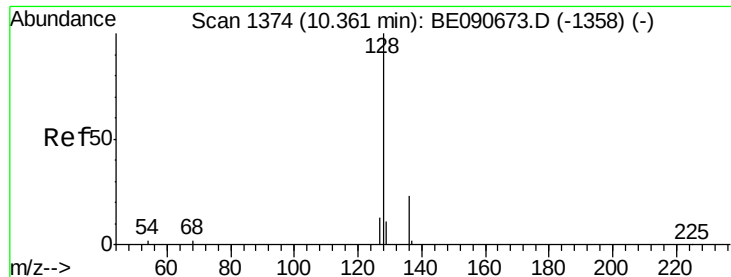
Ion Ratio Lower Upper

77 100

123 32.7 25.1 37.7

65 12.5 9.9 14.9





#9

Naphthalene

Concen: 3.48 ng

RT: 10.35 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

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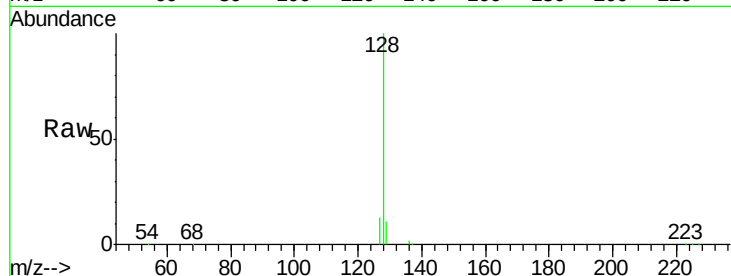
Tgt Ion:128 Resp: 169383

Ion Ratio Lower Upper

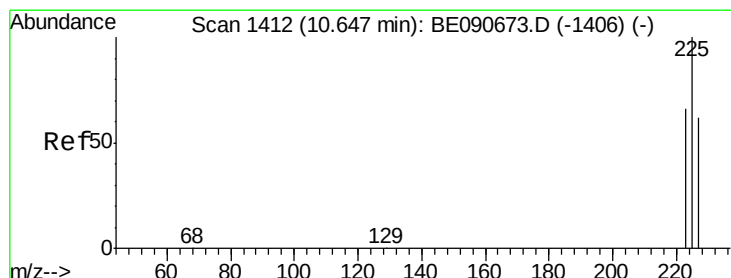
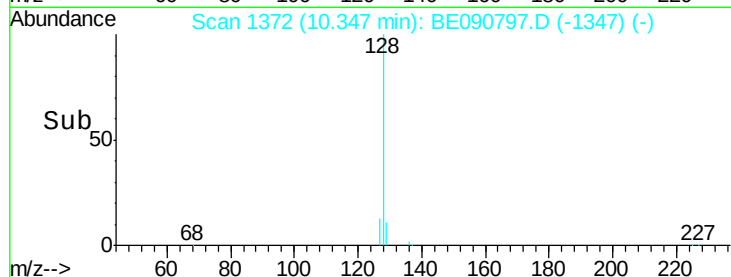
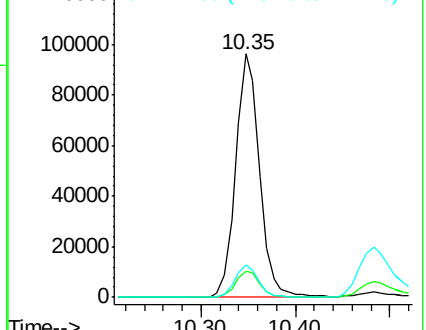
128 100

129 10.8 9.0 13.6

127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.31 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

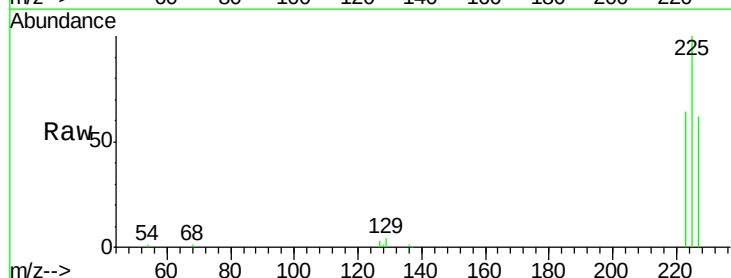
Tgt Ion:225 Resp: 25168

Ion Ratio Lower Upper

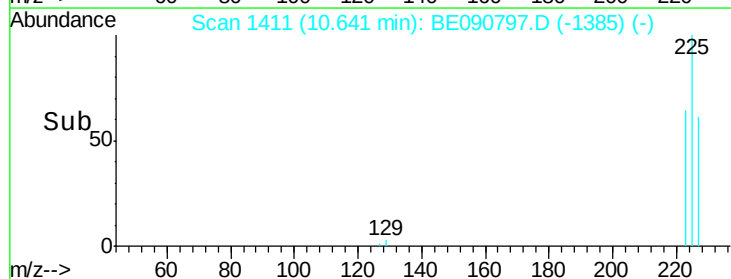
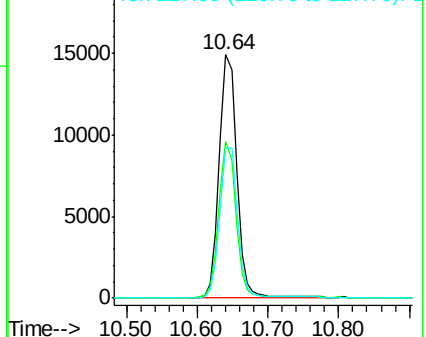
225 100

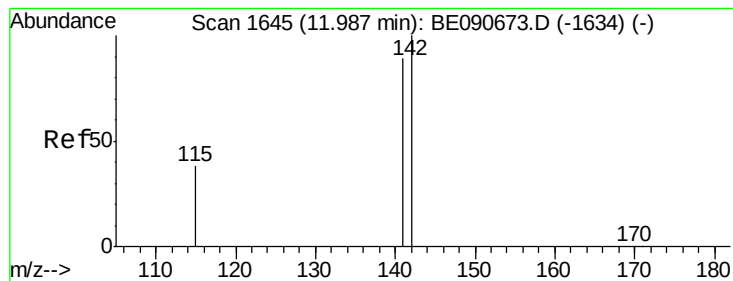
223 62.7 50.6 76.0

227 62.8 51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.09 ng

RT: 11.97 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE090797.D

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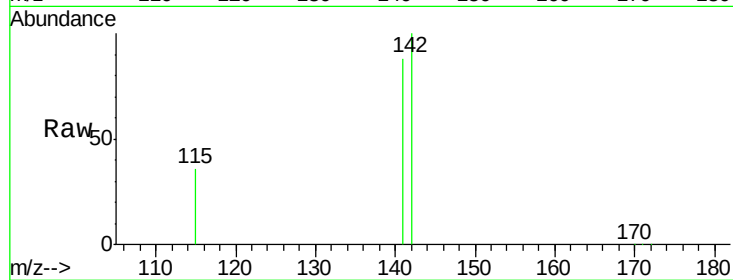
Tgt Ion:142 Resp: 107669

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.2

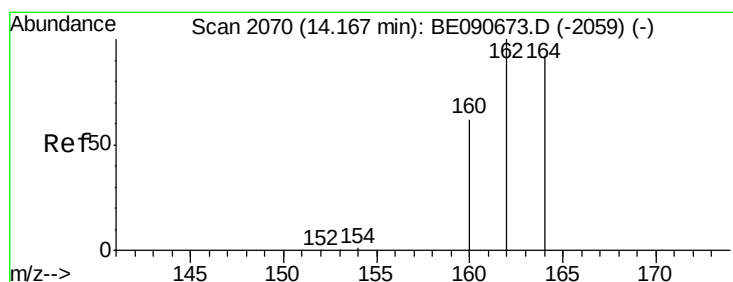
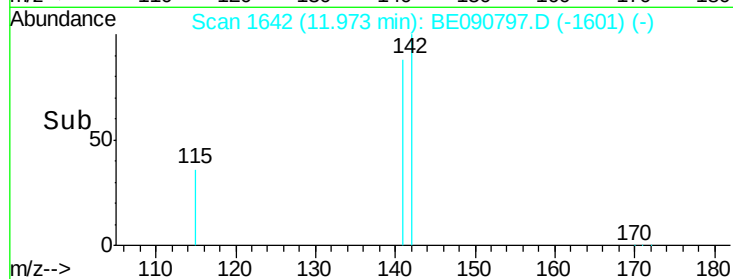
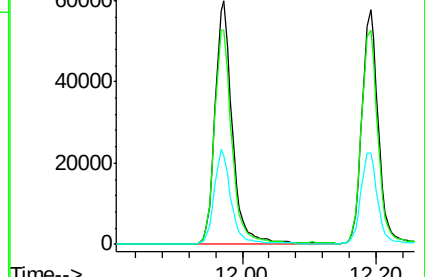
115 36.4 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

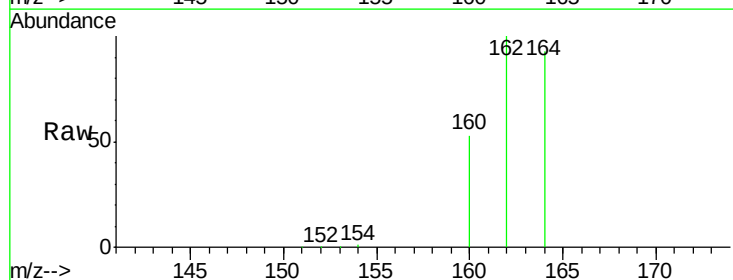
Tgt Ion:164 Resp: 116532

Ion Ratio Lower Upper

164 100

162 107.2 86.8 130.2

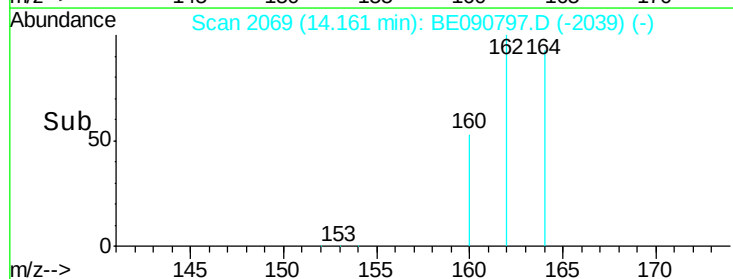
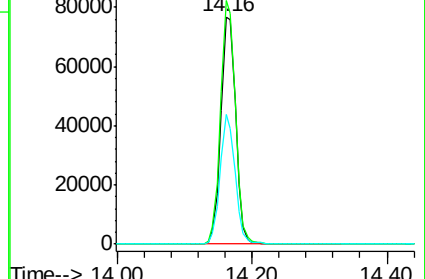
160 56.9 53.9 80.9

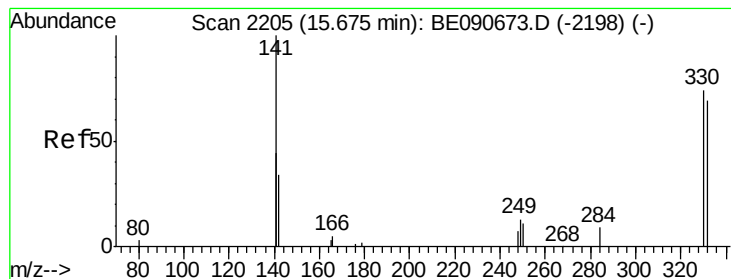


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 8.33 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090797.D

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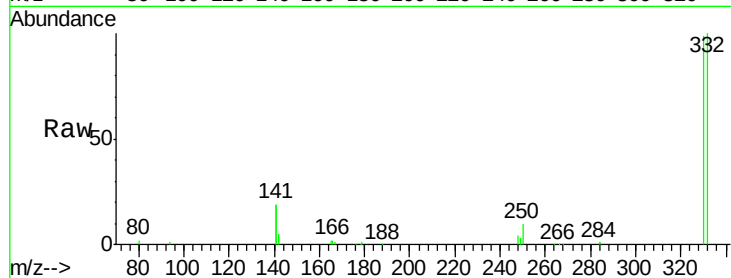
Tgt Ion:330 Resp: 28516

Ion Ratio Lower Upper

330 100

332 96.7 74.9 112.3

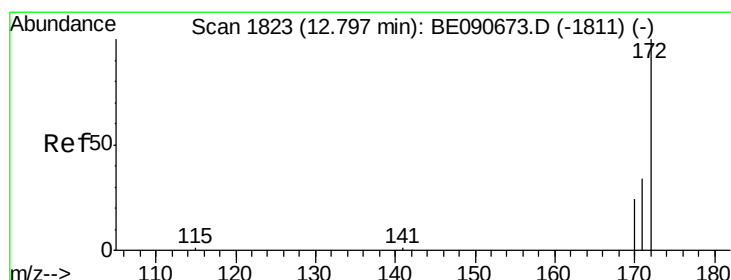
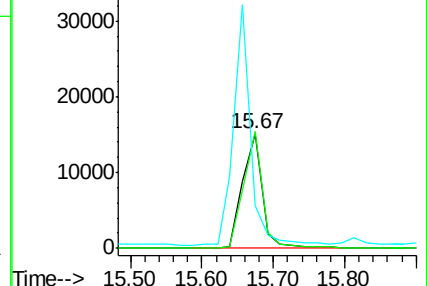
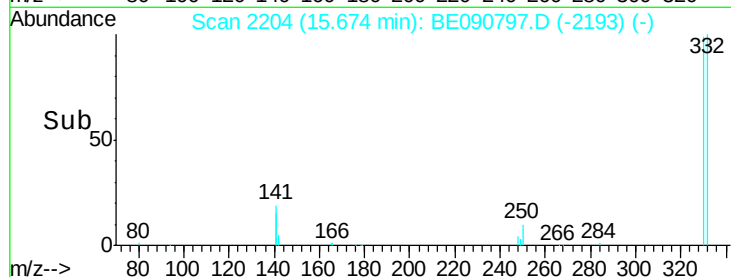
141 180.1 145.2 217.8



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



#14

2-Fluorobiphenyl

Concen: 3.82 ng

RT: 12.78 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

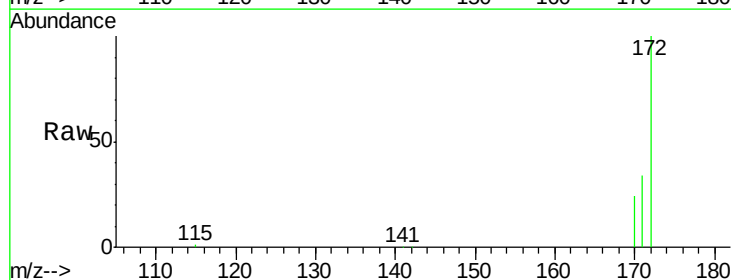
Tgt Ion:172 Resp: 123255

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

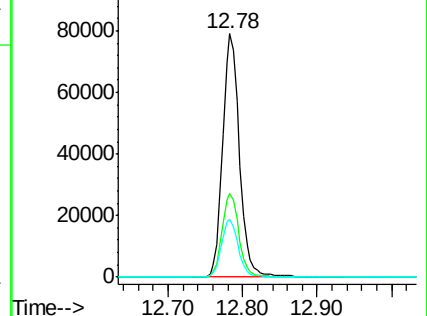
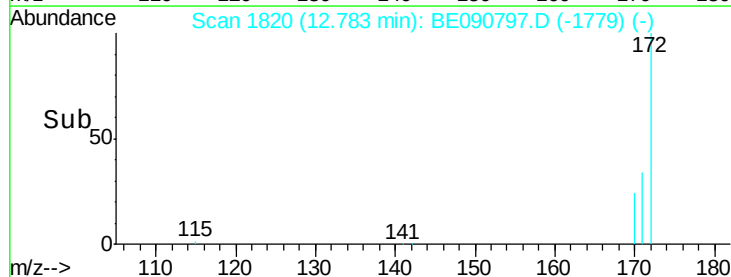
170 23.7 19.8 29.6

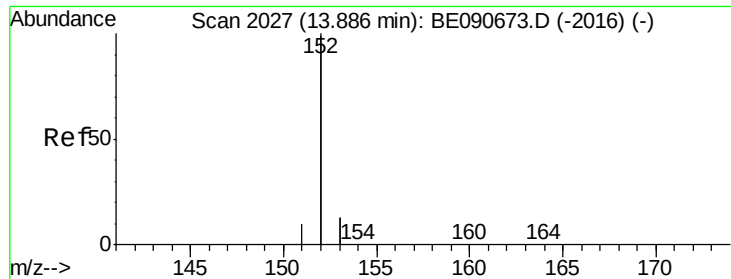


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 3.83 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

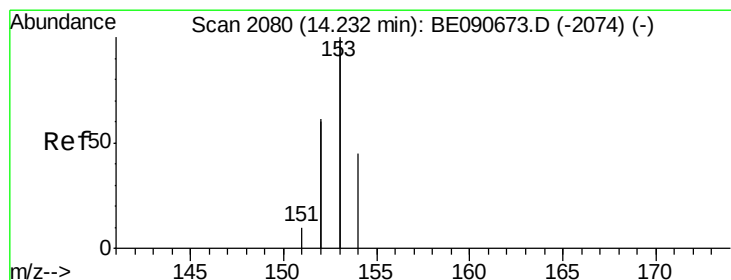
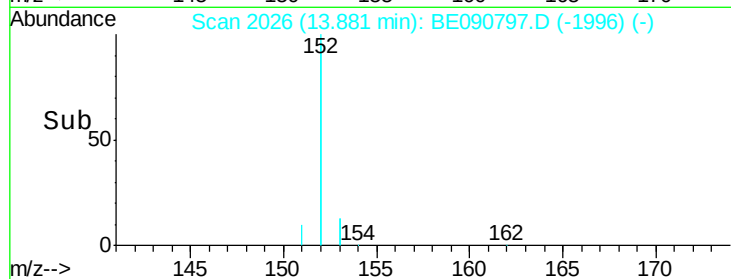
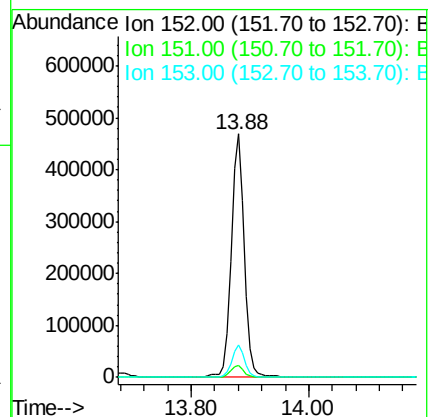
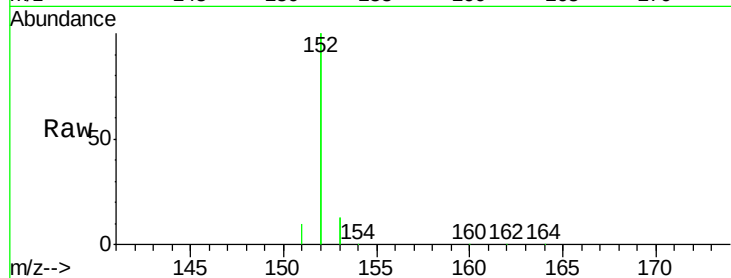
Tgt Ion:152 Resp: 712592

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 3.59 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

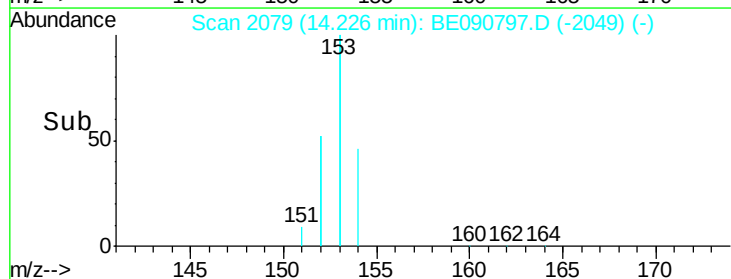
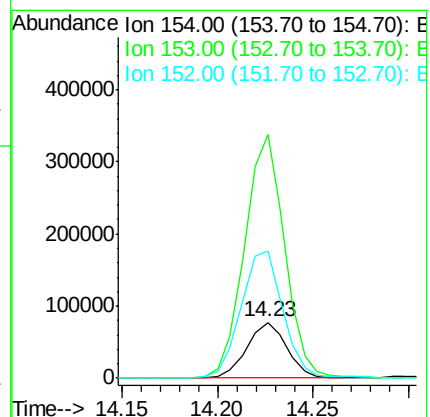
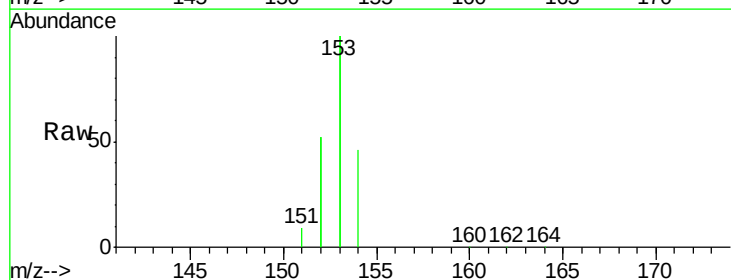
Tgt Ion:154 Resp: 111751

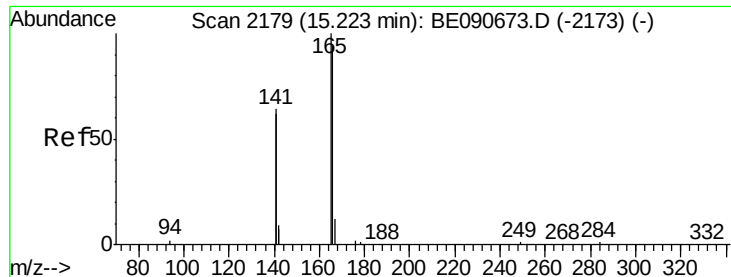
Ion Ratio Lower Upper

154 100

153 439.4 354.5 531.7

152 240.8 227.8 341.6

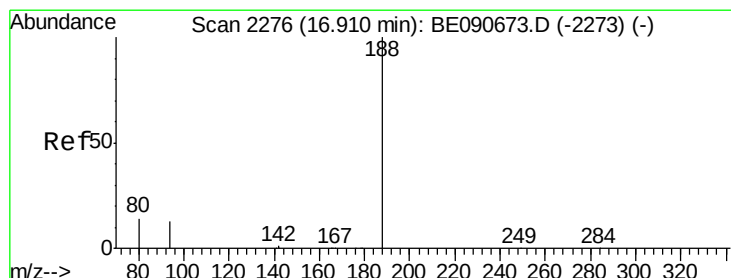
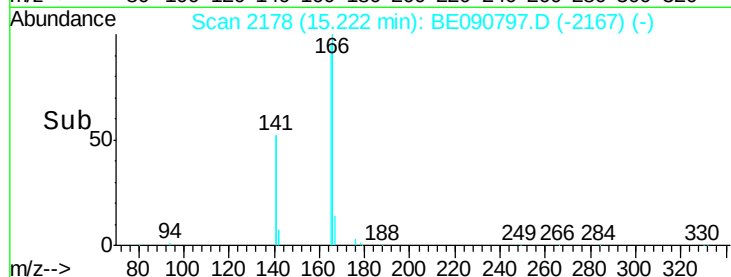
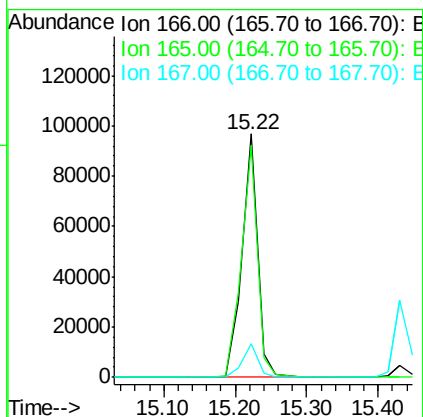
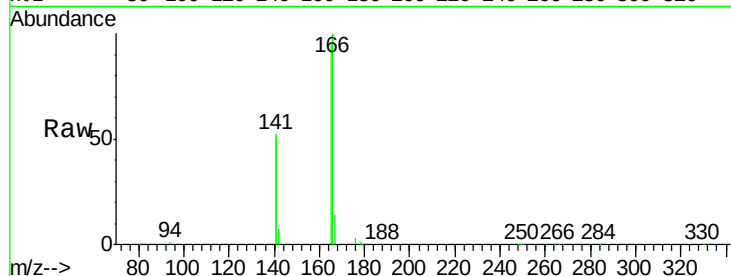




#17
Fluorene
 Concen: 3.73 ng
 RT: 15.22 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

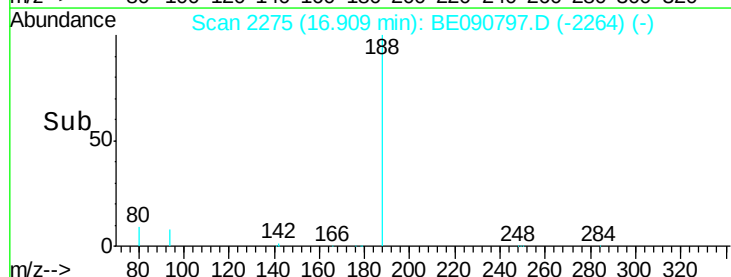
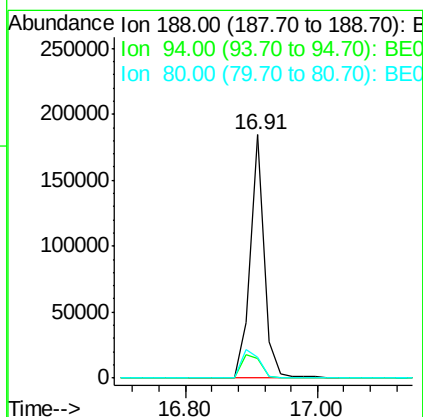
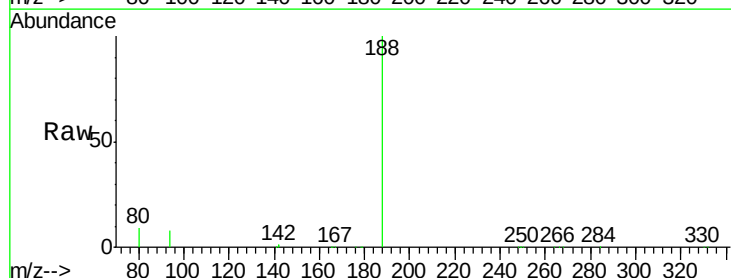
Instrument :
 BNA_E
 ClientSampleId :
 PB85487BSD

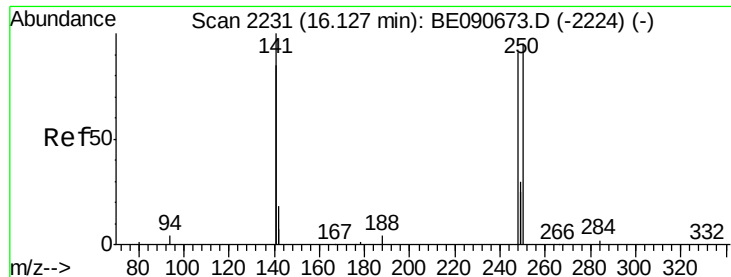
Tgt Ion:166 Resp: 144645
 Ion Ratio Lower Upper
 166 100
 165 98.7 82.7 124.1
 167 13.4 10.7 16.1



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

Tgt Ion:188 Resp: 272437
 Ion Ratio Lower Upper
 188 100
 94 8.2 10.3 15.5#
 80 8.7 11.0 16.6#

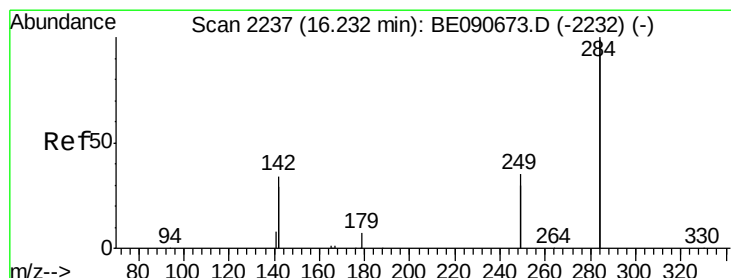
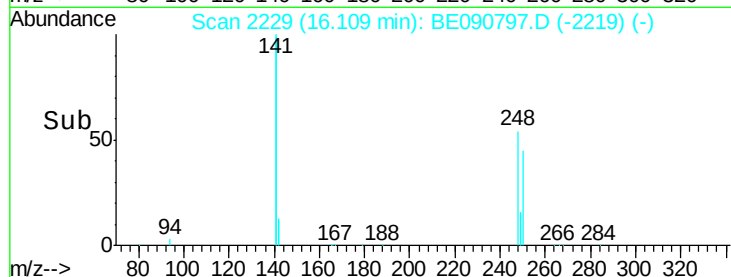
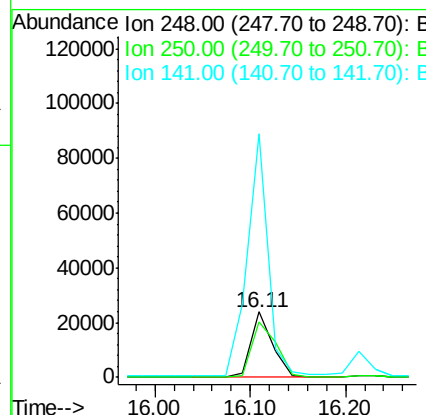
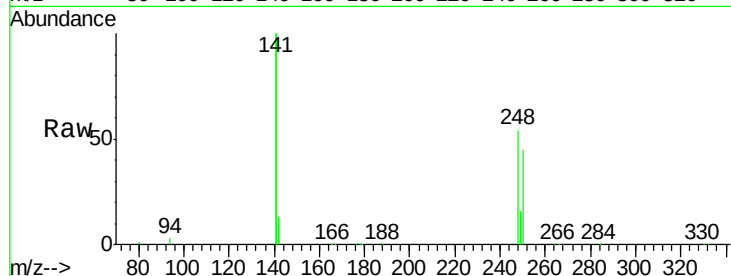




#19
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090797.D
Acq: 14 Sep 2015 11:13

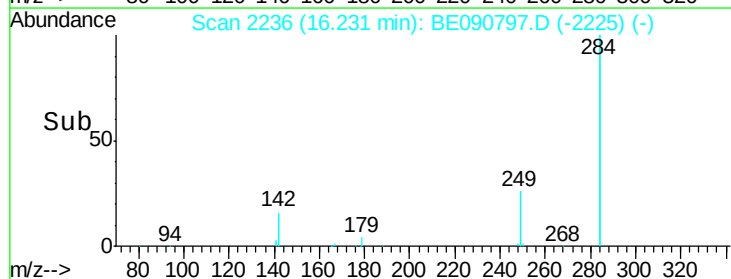
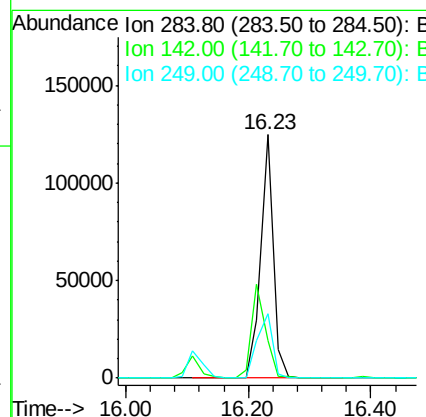
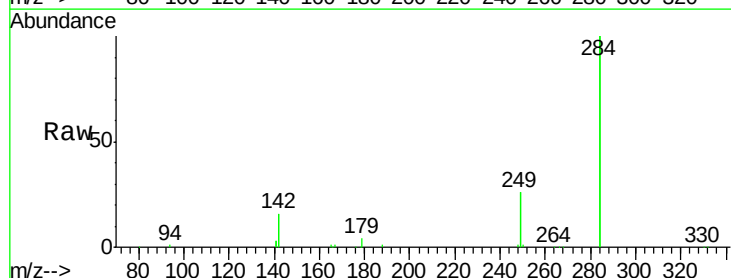
Instrument :
BNA_E
ClientSampleId :
PB85487BSD

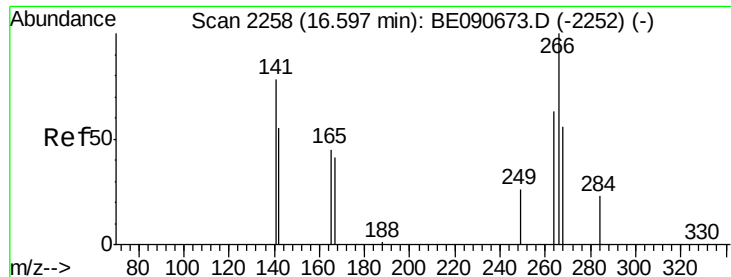
Tgt Ion:248 Resp: 37348
Ion Ratio Lower Upper
248 100
250 97.5 76.7 115.1
141 354.0 292.6 439.0



#20
Hexachlorobenzene
Concen: 3.98 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090797.D
Acq: 14 Sep 2015 11:13

Tgt Ion:284 Resp: 177667
Ion Ratio Lower Upper
284 100
142 42.0 35.0 52.4
249 31.7 25.5 38.3

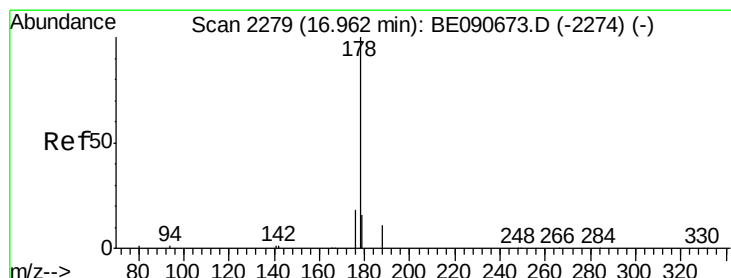
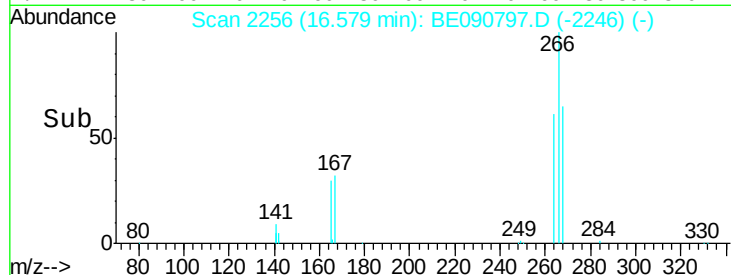
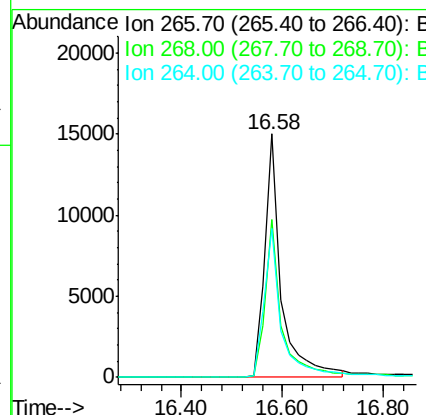
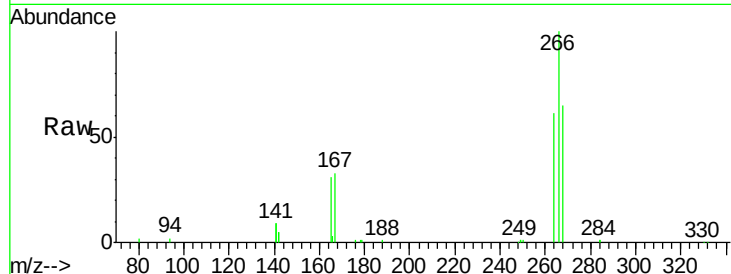




#21
 Pentachlorophenol
 Concen: 8.73 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

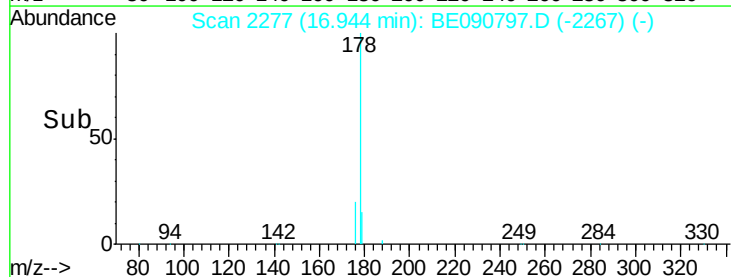
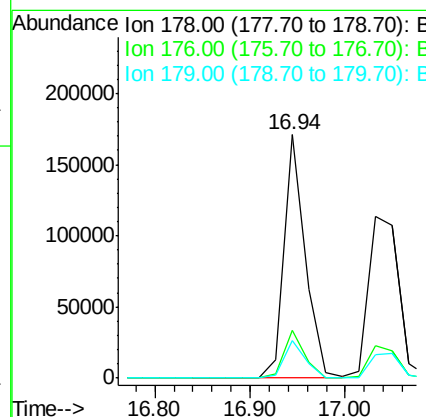
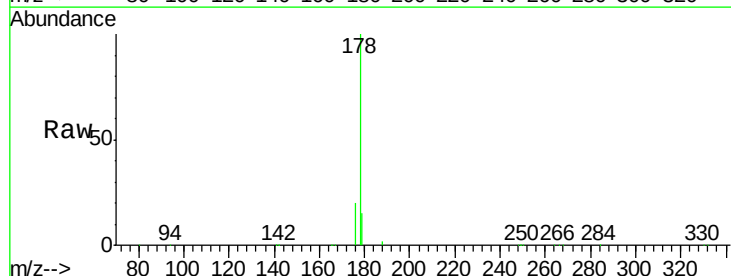
Instrument :
 BNA_E
 ClientSampleId :
 PB85487BSD

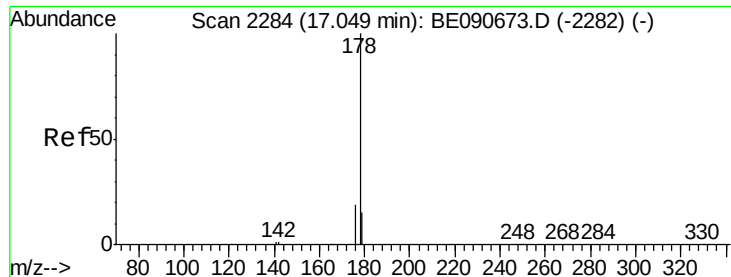
Tgt Ion: 266 Resp: 33203
 Ion Ratio Lower Upper
 266 100
 268 65.0 49.6 74.4
 264 61.4 53.9 80.9



#22
 Phenanthrene
 Concen: 3.89 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

Tgt Ion: 178 Resp: 262030
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.5 12.8 19.2





#23

Anthracene

Concen: 4.42 ng

RT: 17.03 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

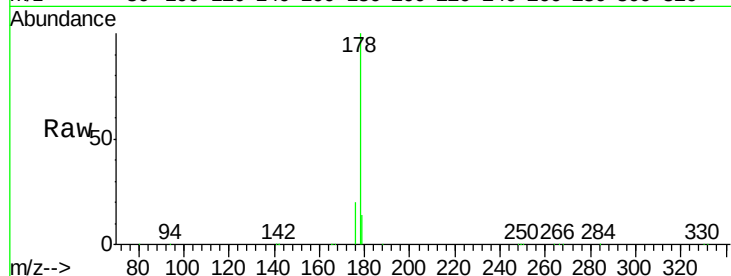
Tgt Ion:178 Resp: 248976

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

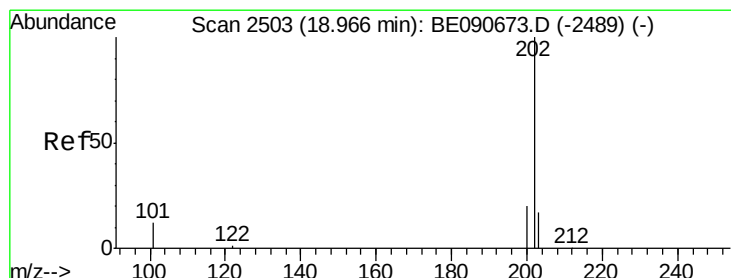
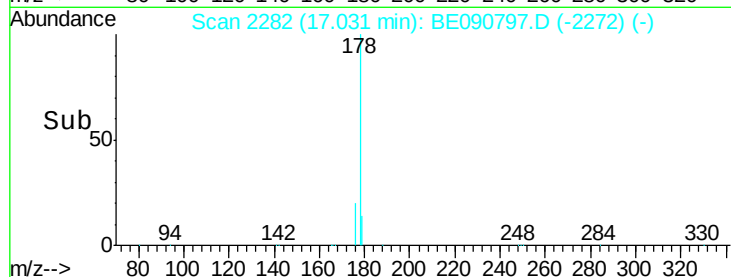
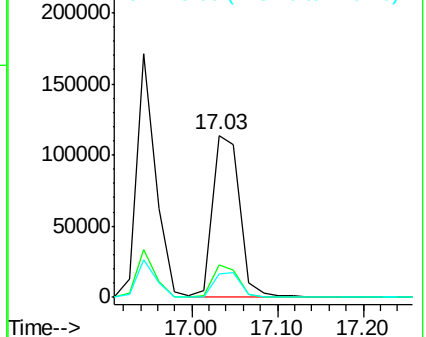
179 15.1 12.3 18.5



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

Fluoranthene

Concen: 4.26 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

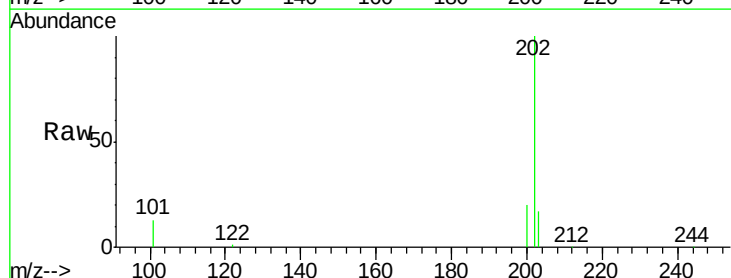
Tgt Ion:202 Resp: 302411

Ion Ratio Lower Upper

202 100

101 14.3 11.0 16.6

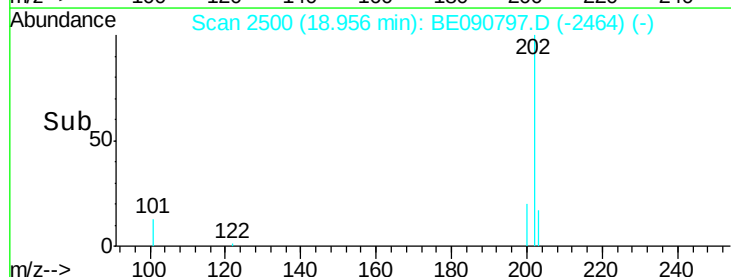
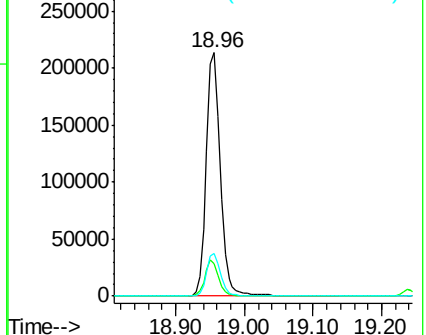
203 17.3 13.9 20.9

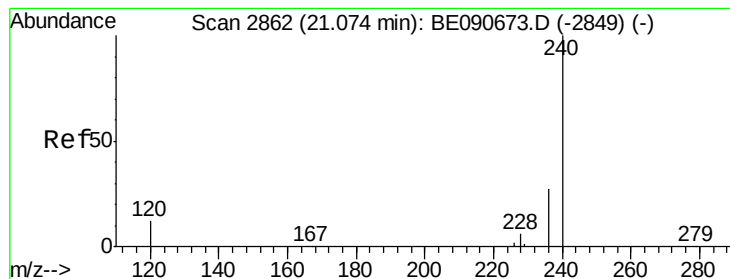


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

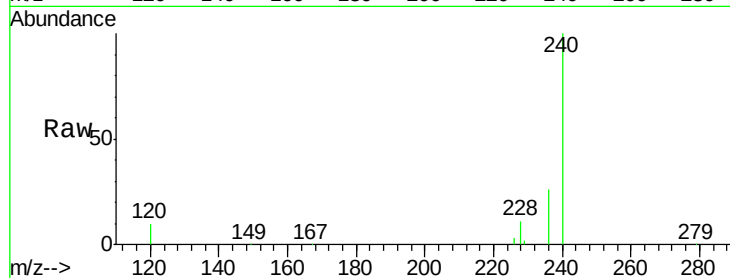
Tgt Ion:240 Resp: 351439

Ion Ratio Lower Upper

240 100

120 9.9 10.1 15.1#

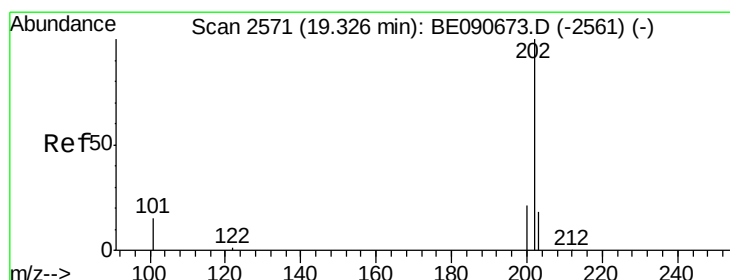
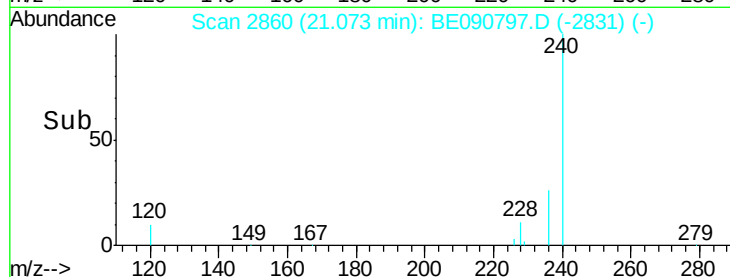
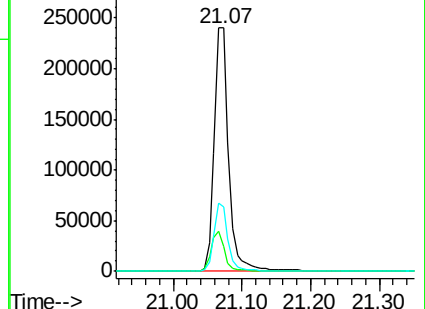
236 26.5 21.9 32.9



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: 4.64 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

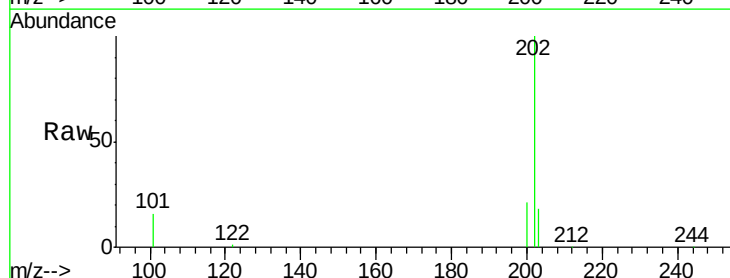
Tgt Ion:202 Resp: 337644

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

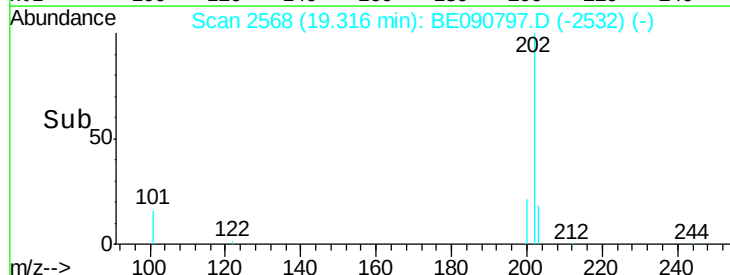
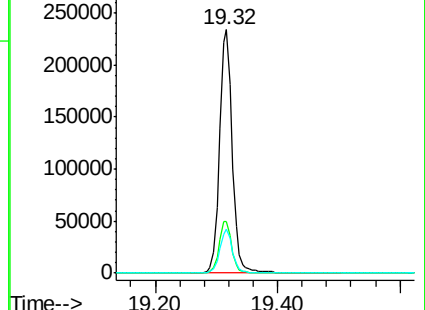
203 18.0 13.8 20.6

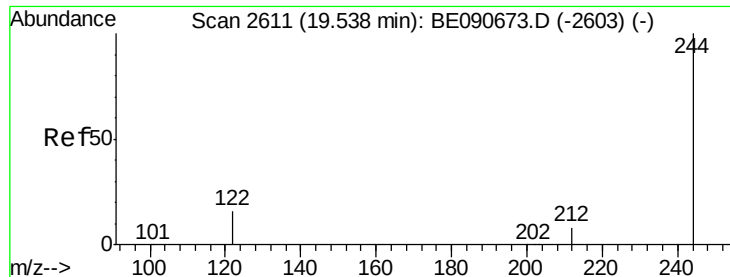


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

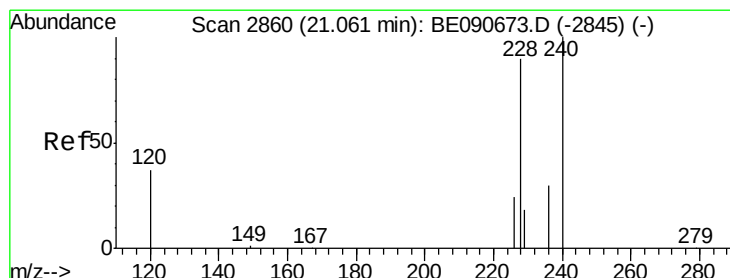
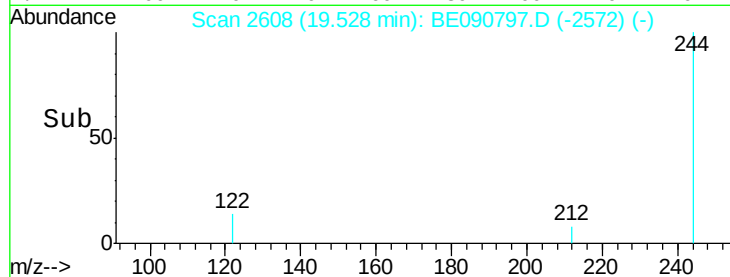
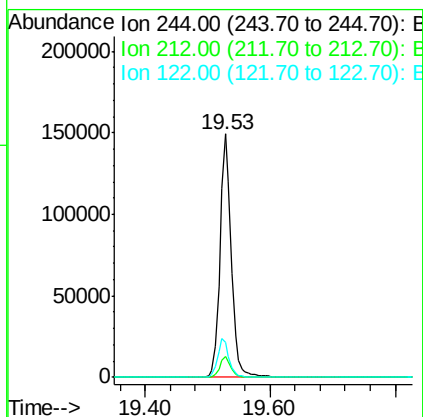
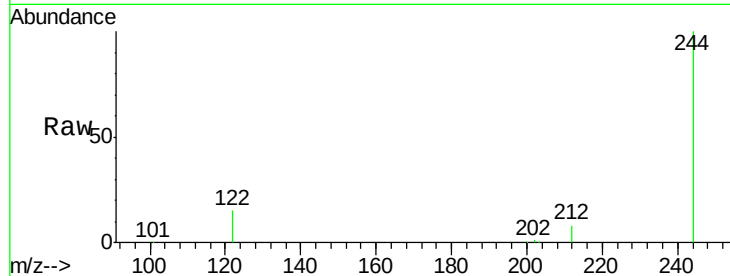




#27
 Terphenyl-d14
 Concen: 4.81 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

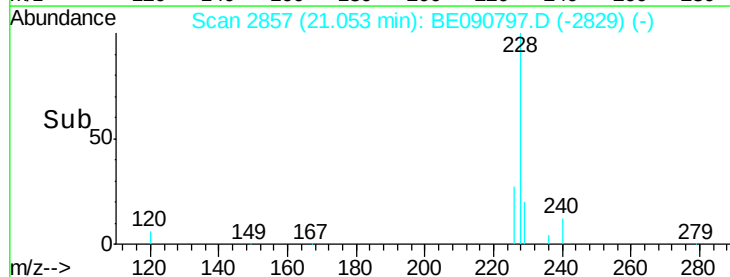
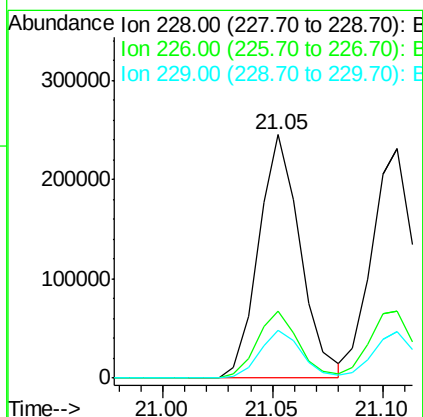
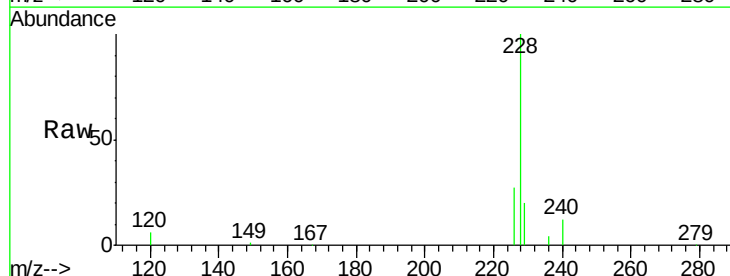
Instrument :
 BNA_E
 ClientSampleId :
 PB85487BSD

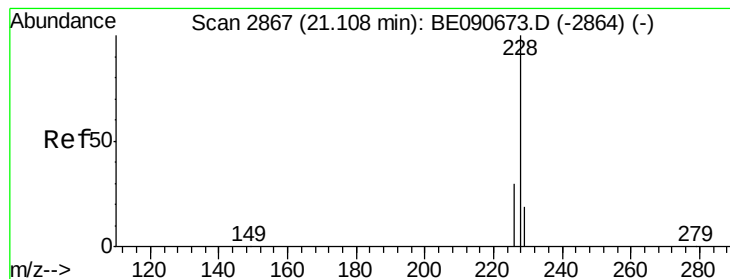
Tgt Ion: 244 Resp: 187141
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 14.6 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 4.19 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BE090797.D
 Acq: 14 Sep 2015 11:13

Tgt Ion: 228 Resp: 322499
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.6 32.4
 229 19.6 15.9 23.9





#29

Chrysene

Concen: 4.07 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

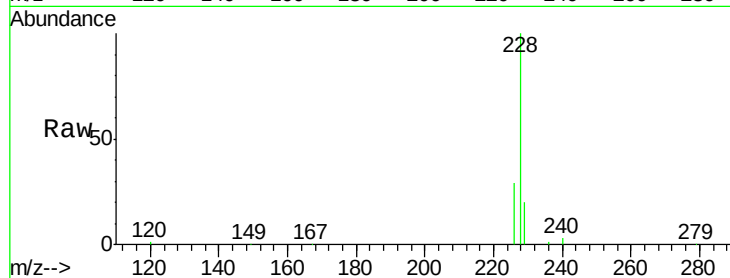
Tgt Ion:228 Resp: 330904

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

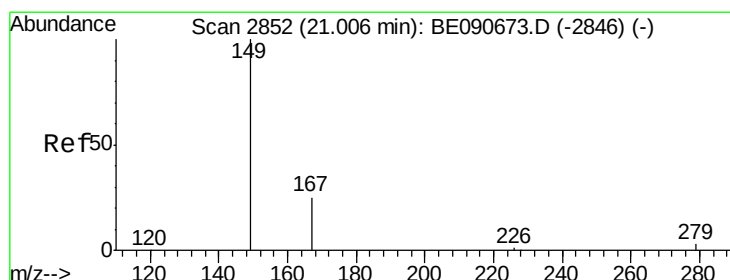
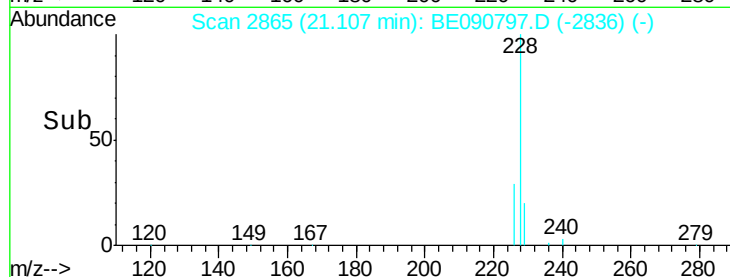
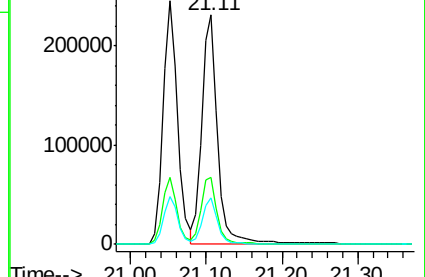
229 20.2 15.3 22.9



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 4.51 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

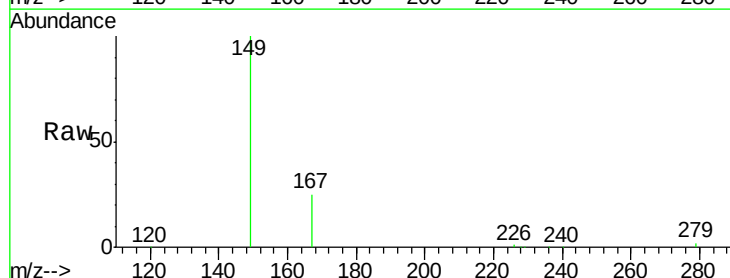
Tgt Ion:149 Resp: 116845

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

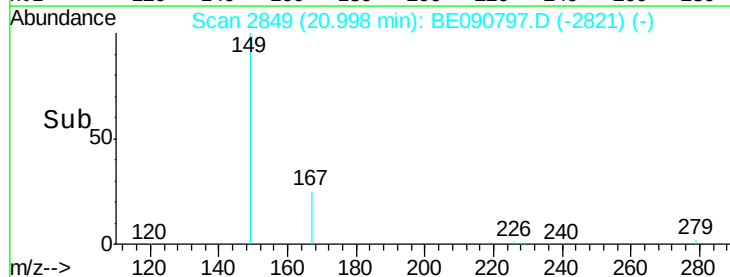
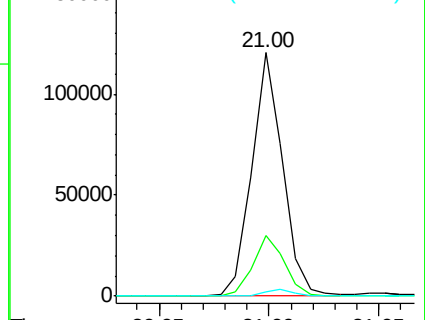
279 2.9 2.3 3.5

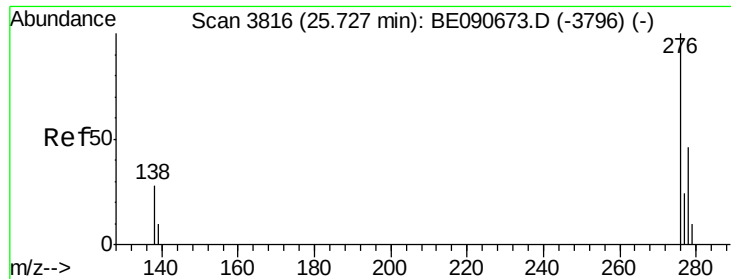


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.21 ng

RT: 25.71 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

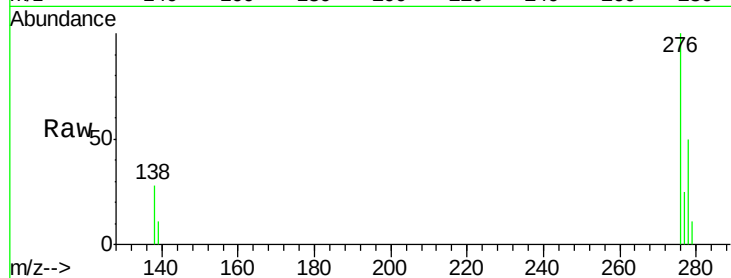
Tgt Ion: 276 Resp: 349551

Ion Ratio Lower Upper

276 100

138 30.4 23.3 34.9

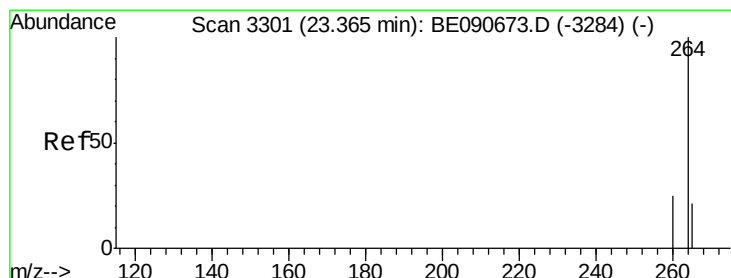
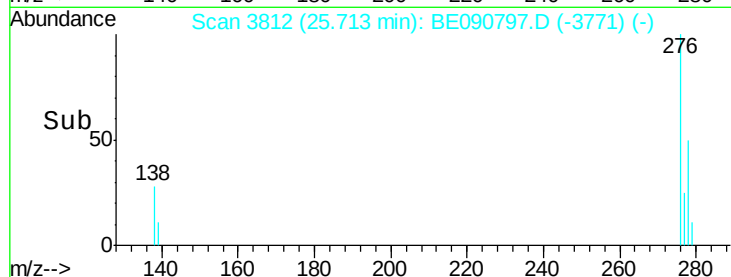
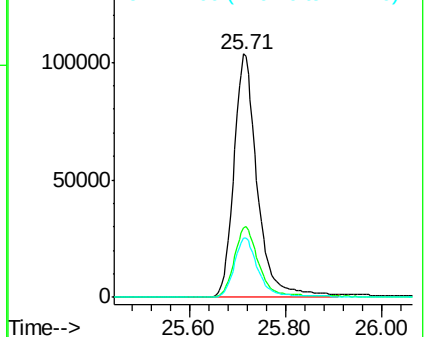
277 24.9 19.8 29.6



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: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

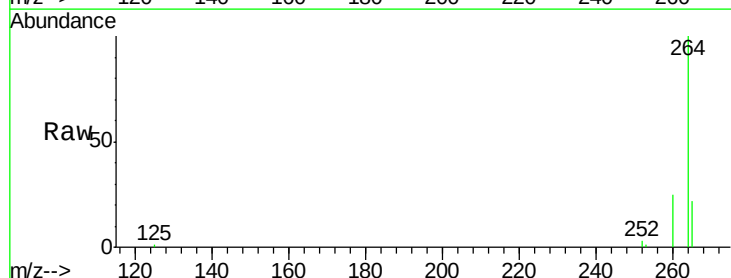
Tgt Ion: 264 Resp: 313776

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

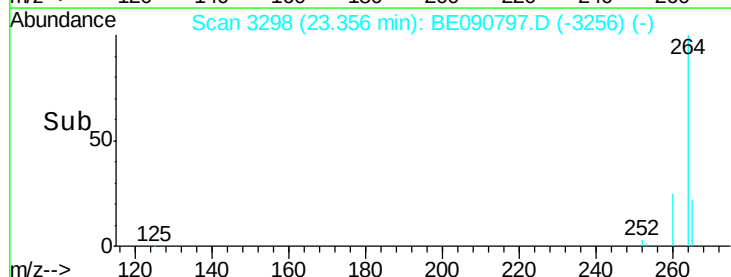
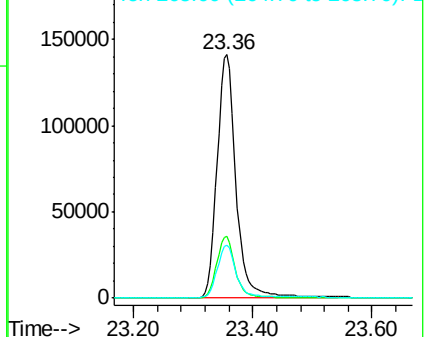
265 21.8 17.5 26.3

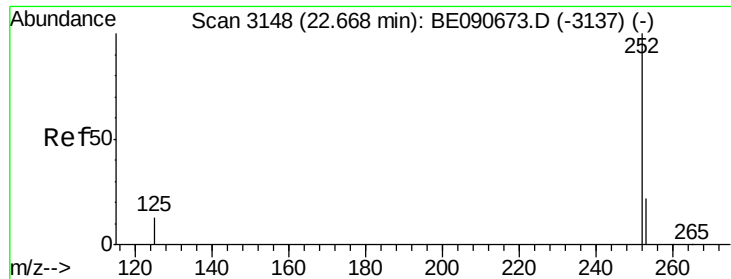


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.40 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

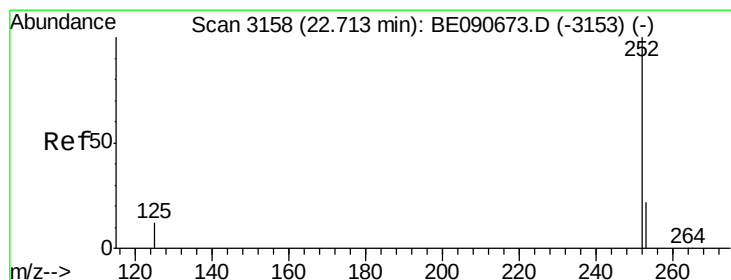
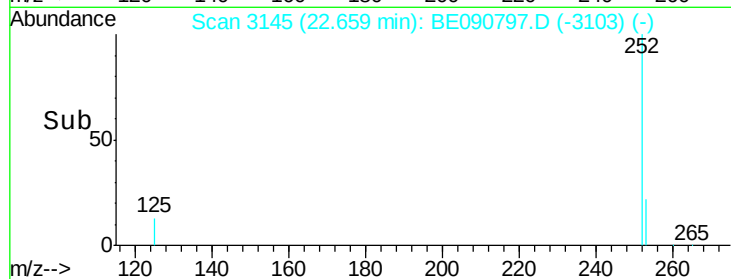
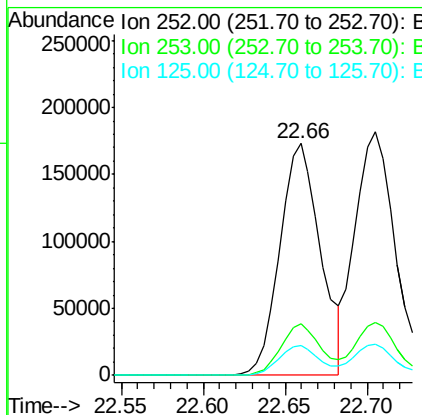
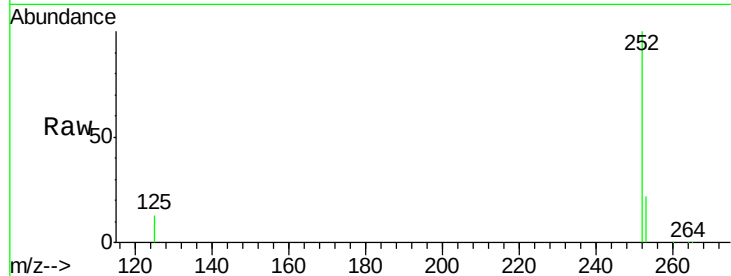
Instrument :

BNA_E

ClientSampleId :

PB85487BSD

Tgt Ion:	252	Resp:	299295
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	12.7	10.6	16.0



#34

Benzo(k)fluoranthene

Concen: 4.19 ng

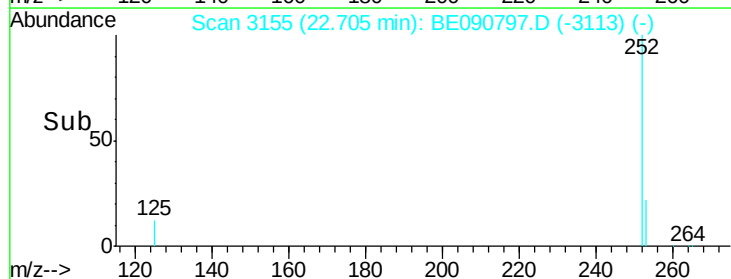
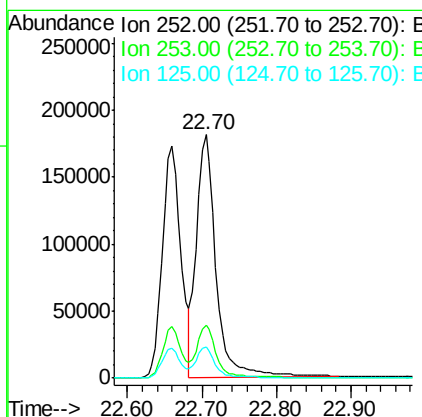
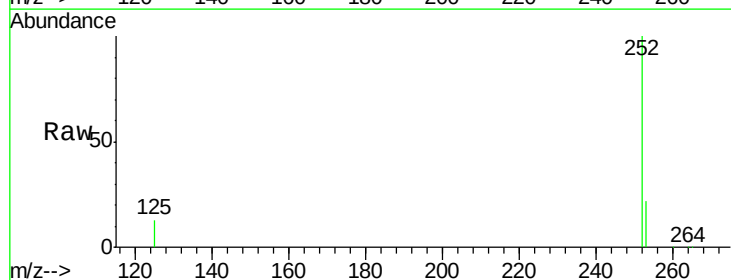
RT: 22.70 min Scan# 3155

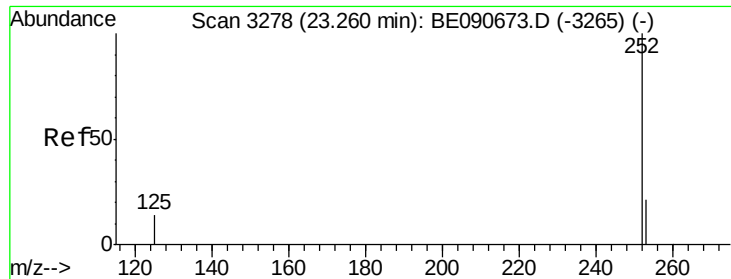
Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Tgt Ion:	252	Resp:	331789
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	12.6	10.1	15.1





#35

Benzo(a)pyrene

Concen: 4.64 ng

RT: 23.25 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD

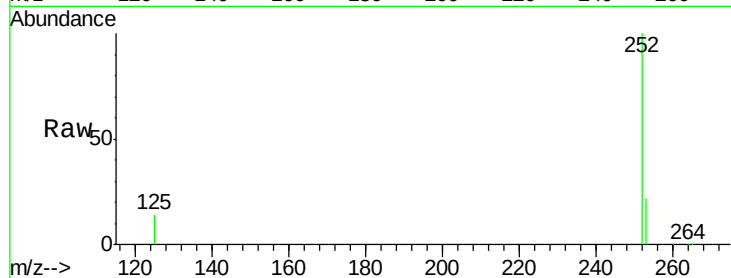
Tgt Ion: 252 Resp: 282473

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

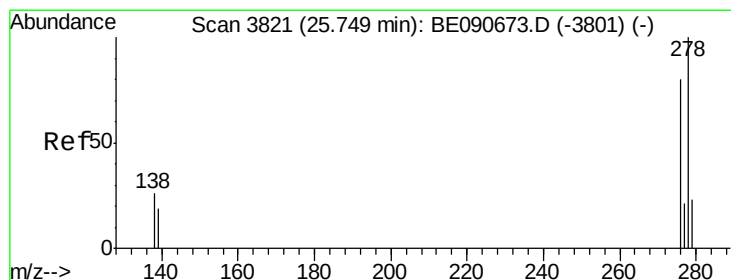
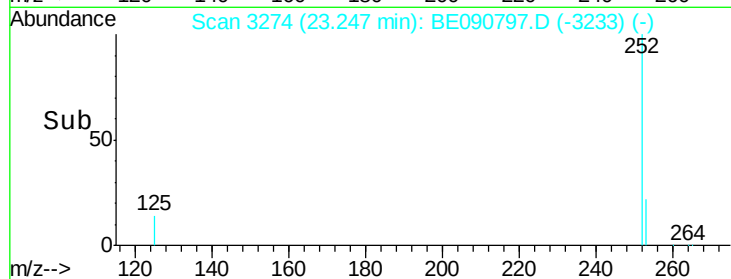
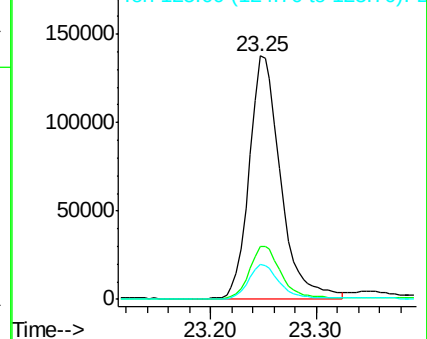
125 14.1 11.6 17.4



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



#36

Dibenzo(a,h)anthracene

Concen: 3.89 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.02 min

Lab File: BE090797.D

Acq: 14 Sep 2015 11:13

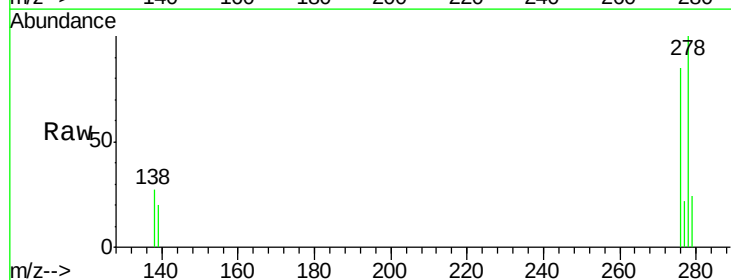
Tgt Ion: 278 Resp: 286454

Ion Ratio Lower Upper

278 100

139 19.6 15.4 23.0

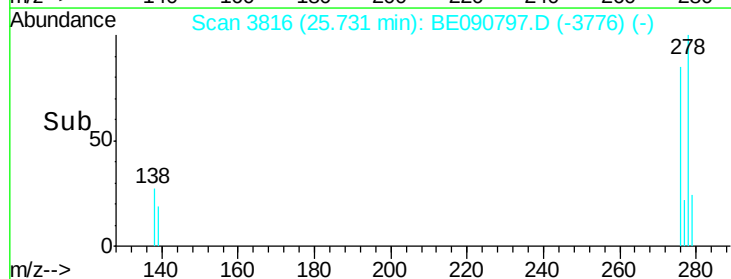
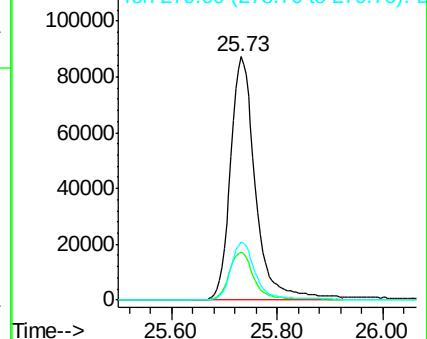
279 23.6 18.8 28.2

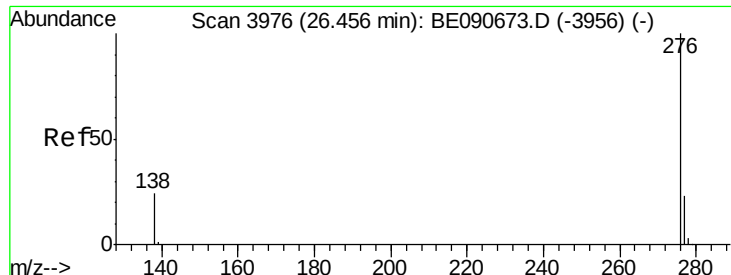


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.24 ng

RT: 26.44 min Scan# 3971

Delta R.T. -0.02 min

Lab File: BE090797.D

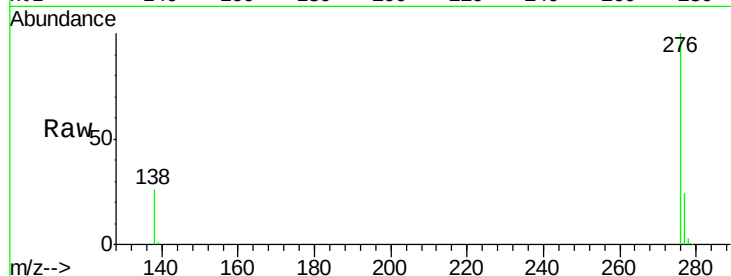
Acq: 14 Sep 2015 11:13

Instrument :

BNA_E

ClientSampleId :

PB85487BSD



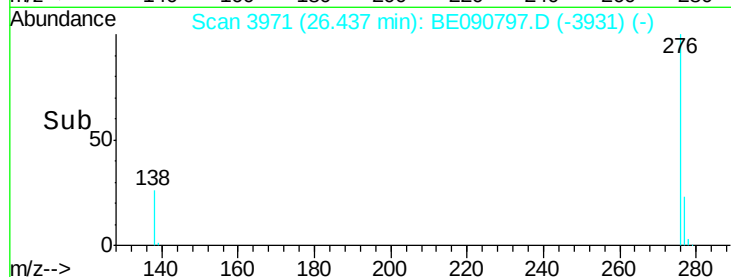
Tgt Ion: 276 Resp: 297123

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 26.1 20.1 30.1



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

120000

100000

80000

60000

40000

20000

0

26.44

26.20

26.40

26.60

Time-->