

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090723.D
 Acq On : 4 Sep 2015 10:58
 Operator : UM/IZ
 Sample : PB85380BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85380BS

Quant Time: Sep 04 13:16:56 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	42062	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	194021	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	106188	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	266457	5.00	ng	0.00
25) Chrysene-d12	21.07	240	344564	5.00	ng	0.00
32) Perylene-d12	23.36	264	306902	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	68355	8.33	ng	0.00
5) Phenol-d6	6.74	99	101581	8.67	ng	0.00
7) Nitrobenzene-d5	8.69	82	48142	3.75	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	28021	8.97	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	95622	3.25	ng	0.00
27) Terphenyl-d14	19.53	244	159634	4.19	ng	0.00

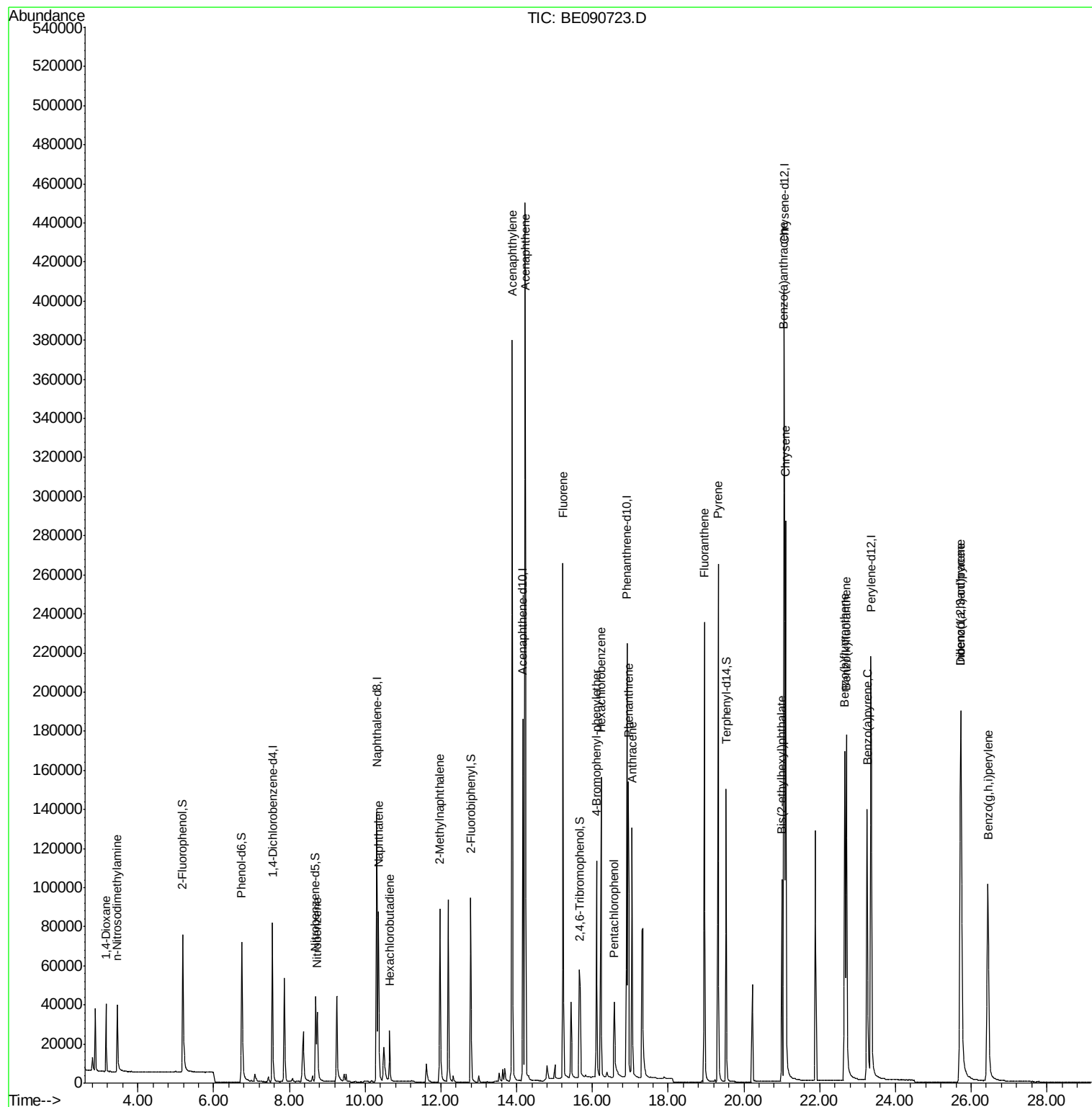
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	18325	3.29	ng	97
3) n-Nitrosodimethylamine	3.45	42	22410	2.98	ng	# 90
8) Nitrobenzene	8.73	77	46594	3.00	ng	98
9) Naphthalene	10.35	128	121974	2.88	ng	100
10) Hexachlorobutadiene	10.65	225	18223	2.75	ng	99
11) 2-Methylnaphthalene	11.98	142	77497	3.39	ng	98
15) Acenaphthylene	13.89	152	528731	3.12	ng	100
16) Acenaphthene	14.22	154	83109	2.93	ng	90
17) Fluorene	15.22	166	108754	3.07	ng	97
19) 4-Bromophenyl-phenylether	16.11	248	27892	3.07	ng	97
20) Hexachlorobenzene	16.23	284	136859	3.11	ng	96
21) Pentachlorophenol	16.58	266	26251	7.15	ng	96
22) Phenanthrene	16.94	178	196306	2.98	ng	99
23) Anthracene	17.05	178	181372	3.29	ng	100
24) Fluoranthene	18.96	202	225099	3.24	ng	99
26) Pyrene	19.32	202	250463	3.51	ng	99
28) Benzo(a)anthracene	21.05	228	242584	3.21	ng	99
29) Chrysene	21.11	228	253651	3.16	ng	99
30) Bis(2-ethylhexyl)phthalate	21.01	149	90690	3.74	ng	98
31) Indeno(1,2,3-cd)pyrene	25.72	276	259286	3.19	ng	99
33) Benzo(b)fluoranthene	22.66	252	223122	3.35	ng	99
34) Benzo(k)fluoranthene	22.71	252	249519	3.22	ng	100
35) Benzo(a)pyrene	23.25	252	210513	3.54	ng	100
36) Dibenzo(a,h)anthracene	25.74	278	211958	2.98	ng	99
37) Benzo(g,h,i)perylene	26.44	276	223028	3.26	ng	99

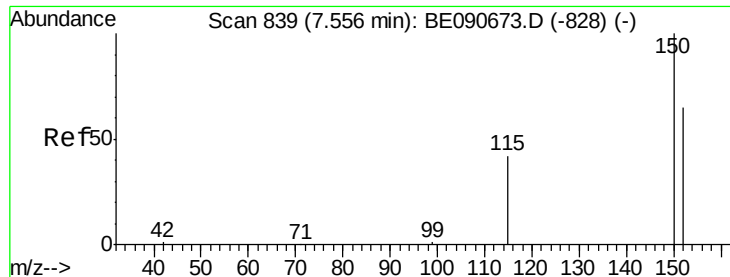
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

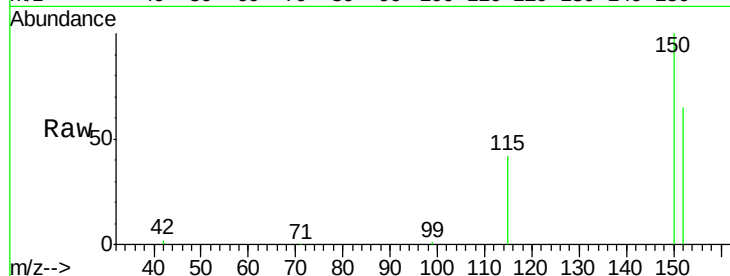
Tgt Ion:152 Resp: 42062

Ion Ratio Lower Upper

152 100

150 154.7 122.2 183.4

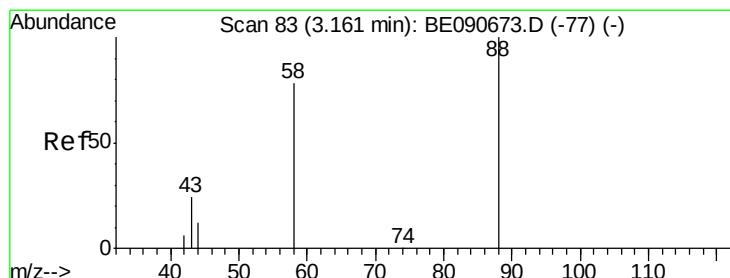
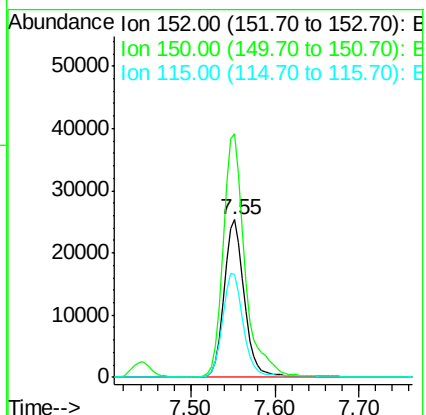
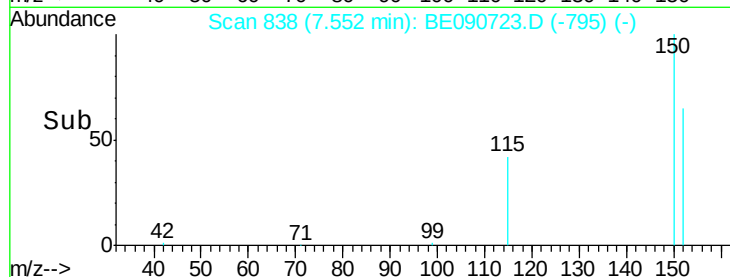
115 65.3 51.0 76.4



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: 3.29 ng

RT: 3.16 min Scan# 83

Delta R.T. -0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

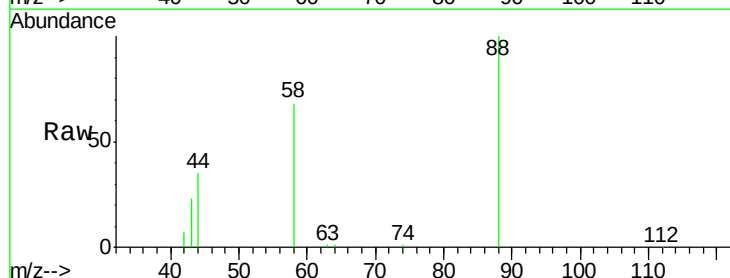
Tgt Ion: 88 Resp: 18325

Ion Ratio Lower Upper

88 100

58 89.1 68.4 102.6

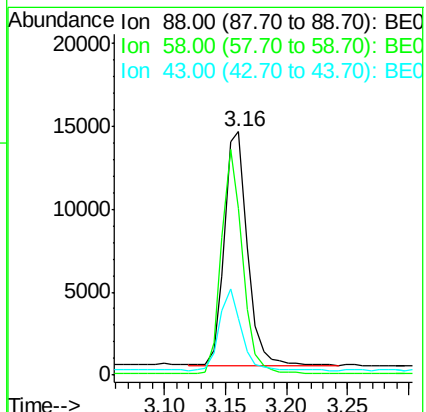
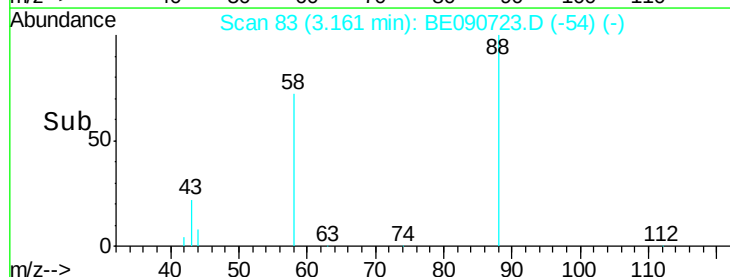
43 32.9 26.9 40.3

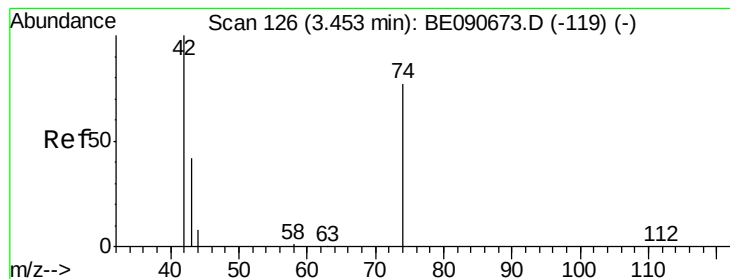


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.98 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

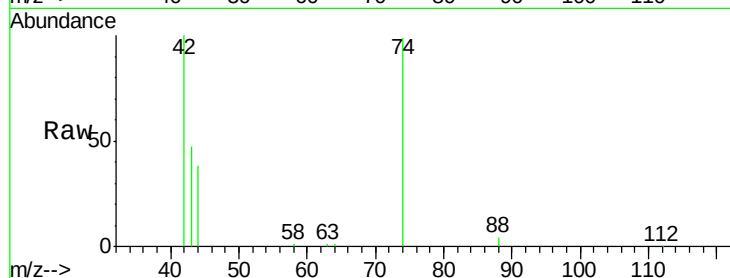
Tgt Ion: 42 Resp: 22410

Ion Ratio Lower Upper

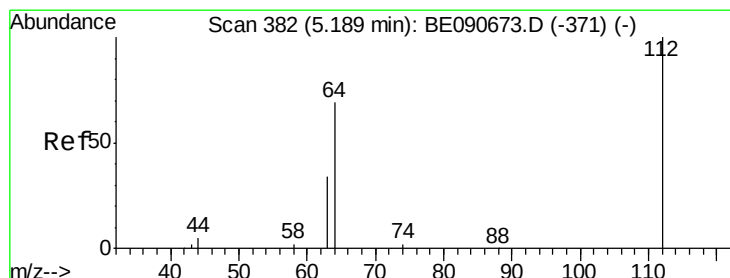
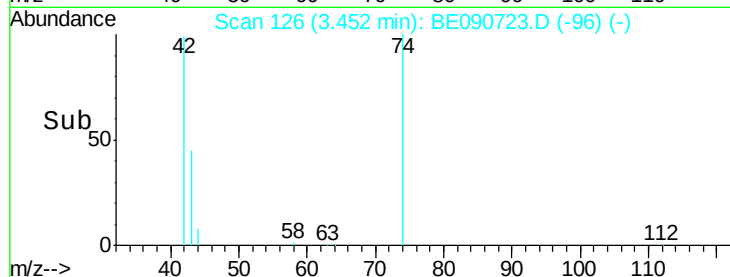
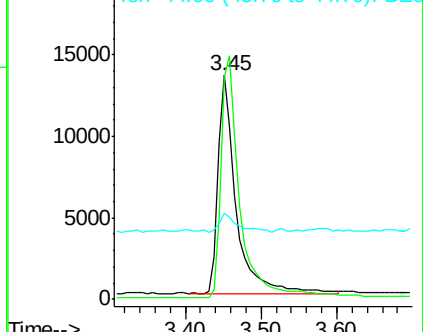
42 100

74 115.1 83.7 125.5

44 8.6 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: 8.33 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

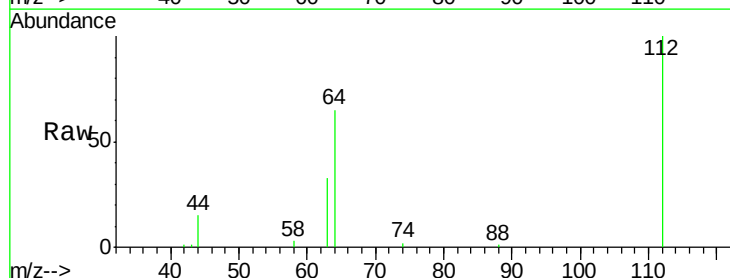
Tgt Ion: 112 Resp: 68355

Ion Ratio Lower Upper

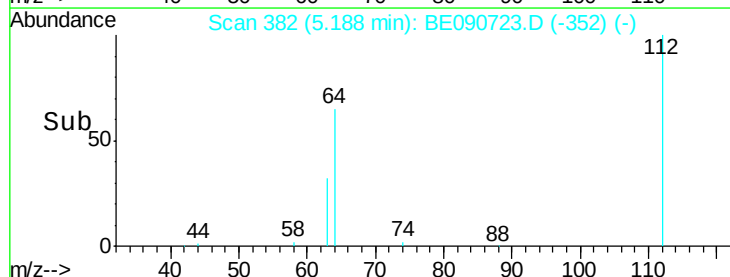
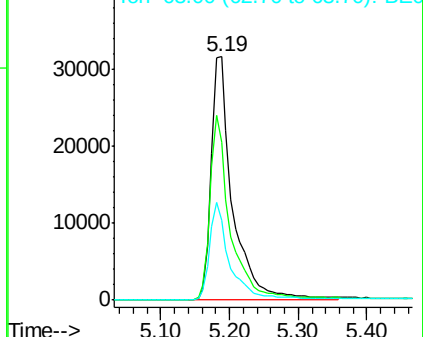
112 100

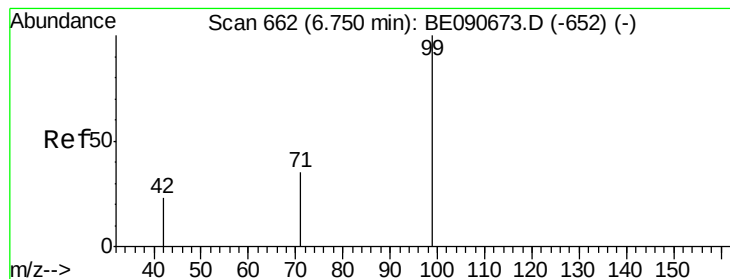
64 71.5 57.3 85.9

63 36.8 29.2 43.8



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: 8.67 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

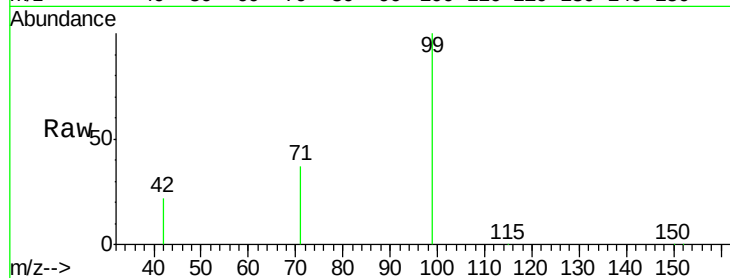
Tgt Ion: 99 Resp: 101581

Ion Ratio Lower Upper

99 100

42 21.5 16.8 25.2

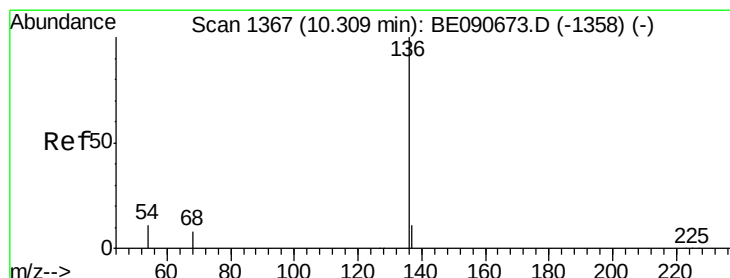
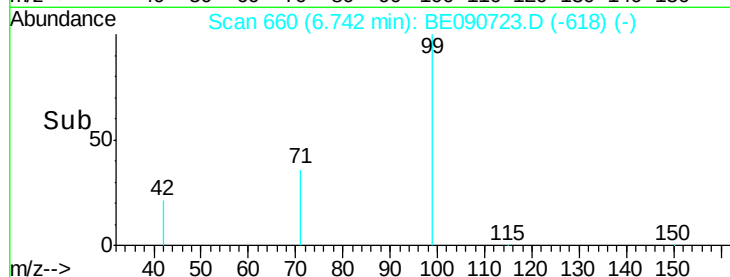
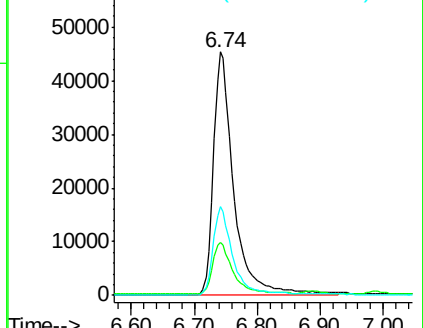
71 35.7 28.3 42.5



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: BE090723.D

Acq: 4 Sep 2015 10:58

Tgt Ion: 136 Resp: 194021

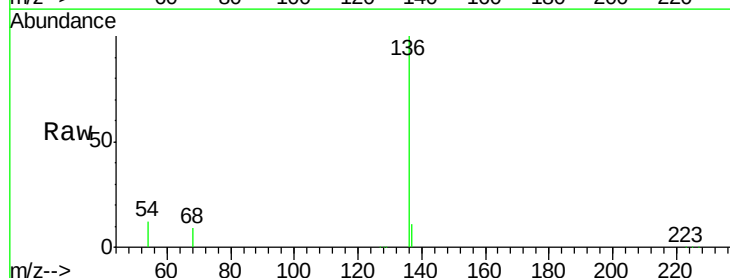
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 12.5 9.0 13.6

68 9.0 6.3 9.5

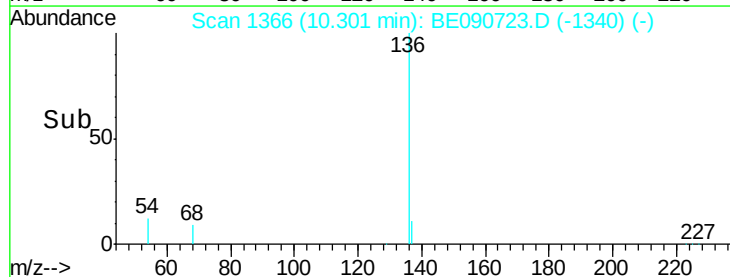
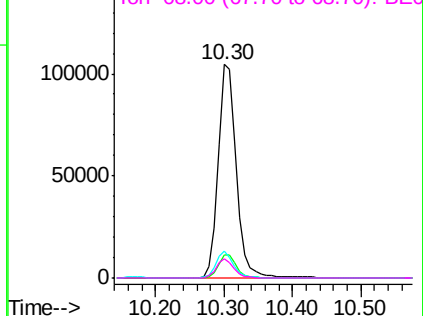


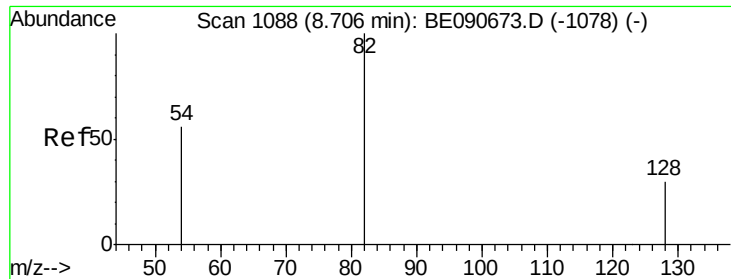
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.75 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

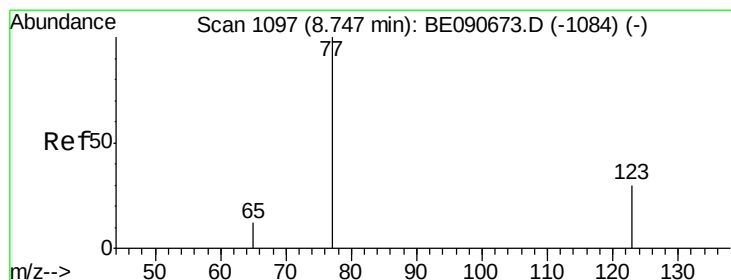
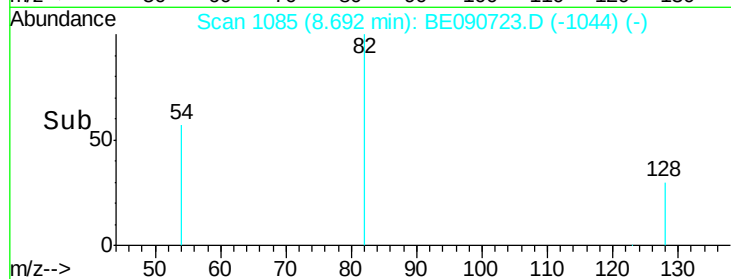
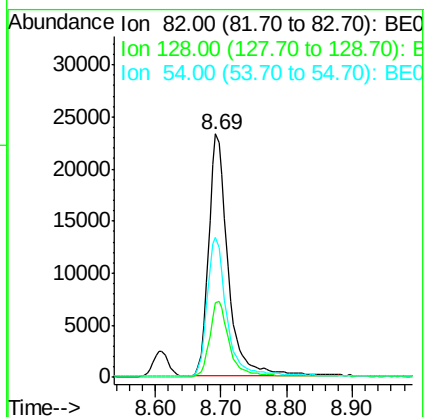
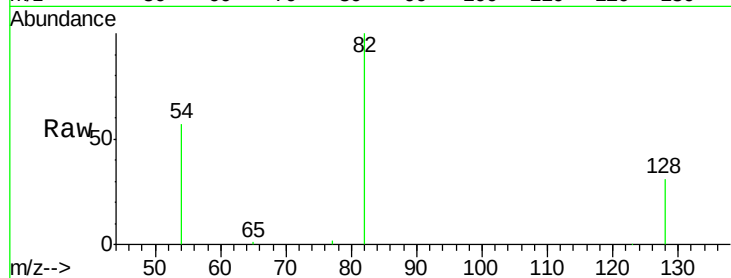
Tgt Ion: 82 Resp: 48142

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

54 57.3 46.3 69.5



#8

Nitrobenzene

Concen: 3.00 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

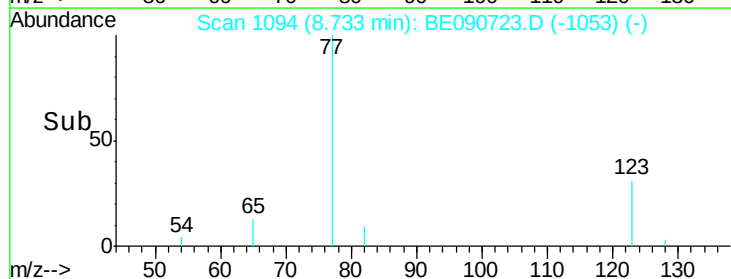
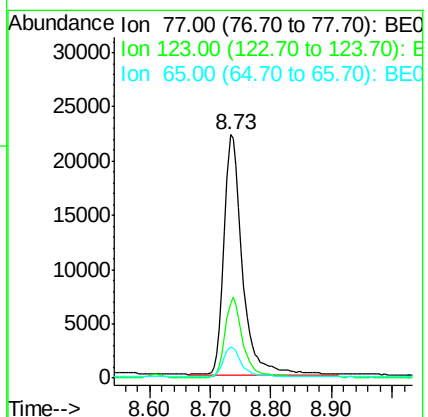
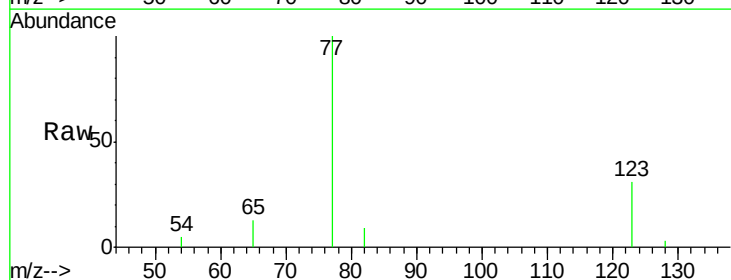
Tgt Ion: 77 Resp: 46594

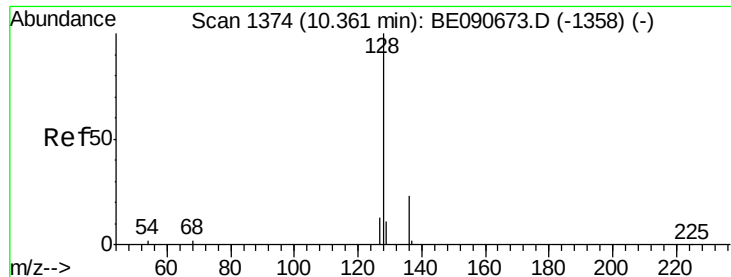
Ion Ratio Lower Upper

77 100

123 32.6 25.1 37.7

65 12.5 9.9 14.9





#9

Naphthalene

Concen: 2.88 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

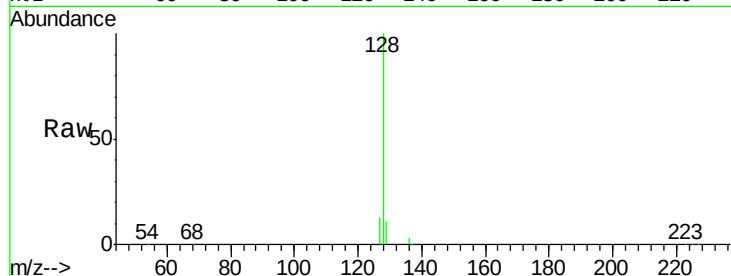
Tgt Ion:128 Resp: 121974

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

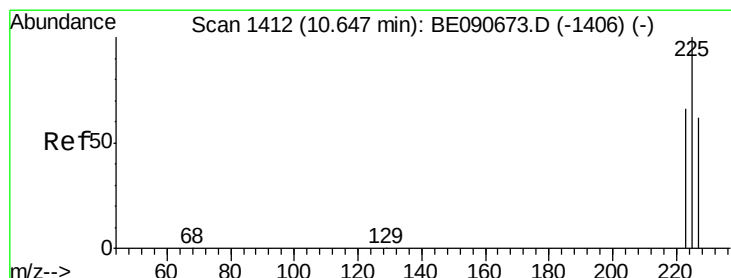
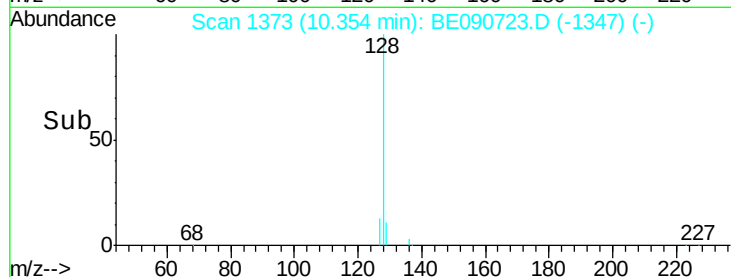
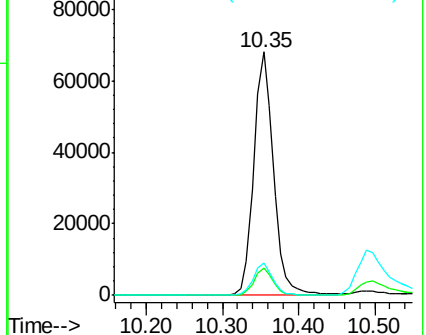
127 13.1 10.6 15.8



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: 2.75 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

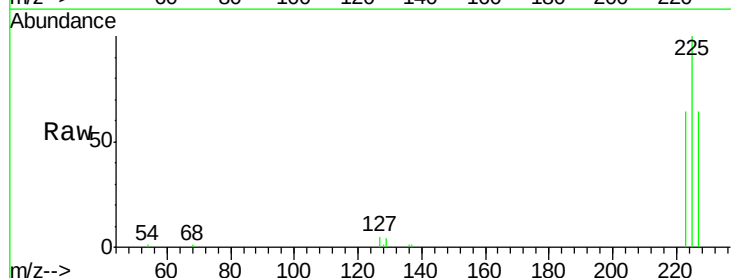
Tgt Ion:225 Resp: 18223

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

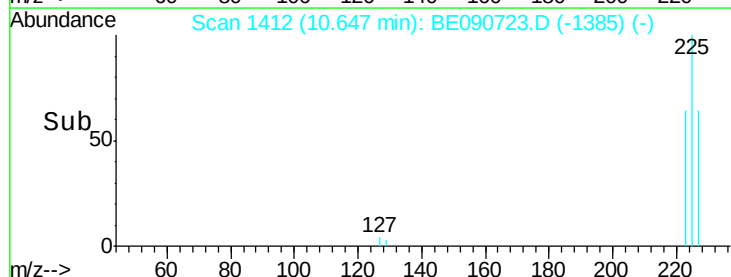
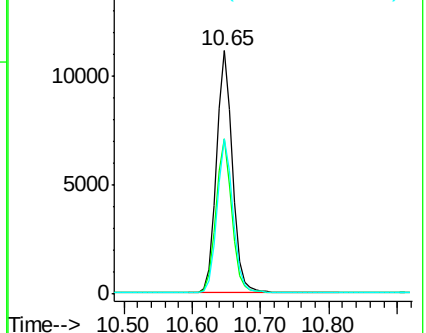
227 63.5 51.0 76.6

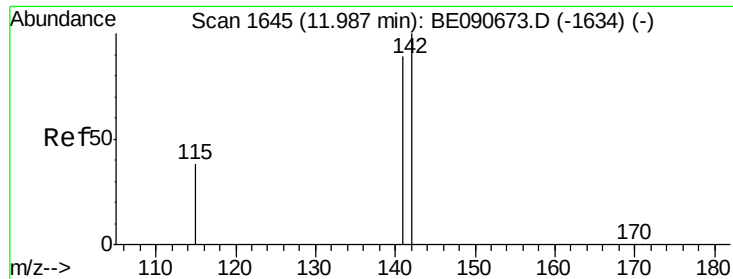


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

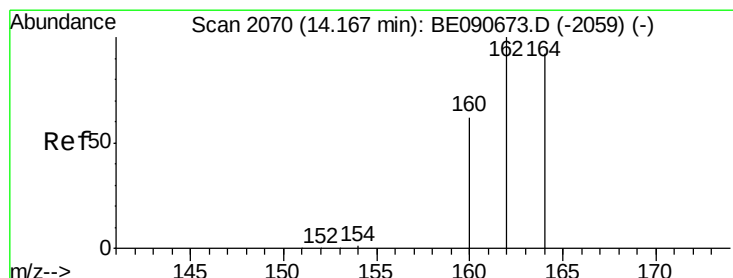
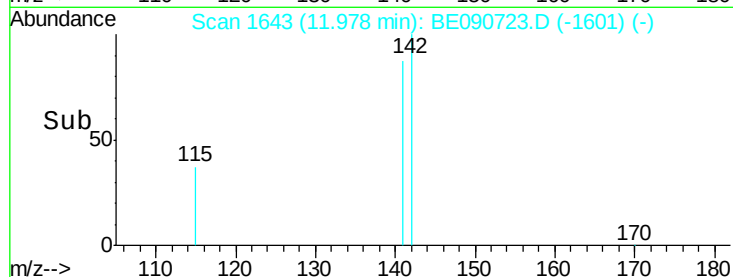
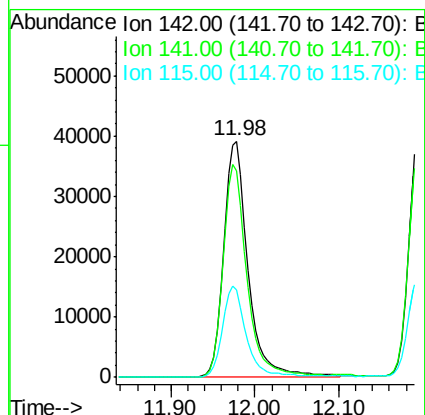
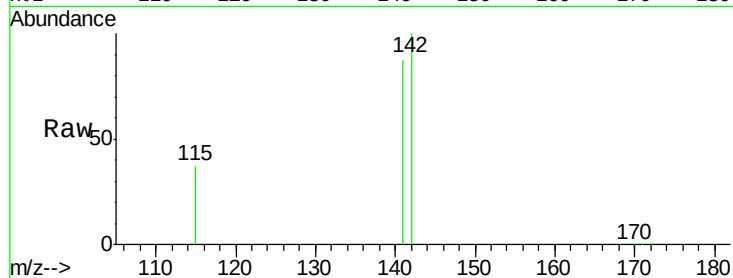




#11
2-Methylnaphthalene
Concen: 3.39 ng
RT: 11.98 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

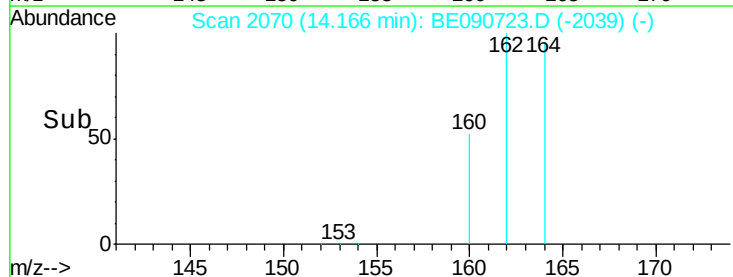
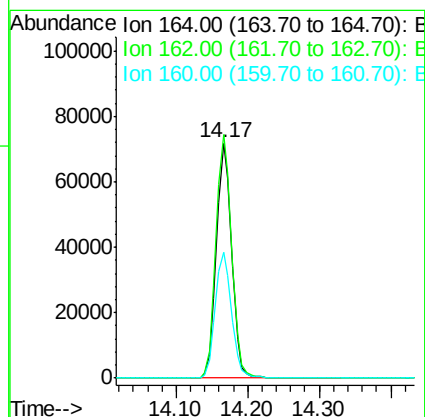
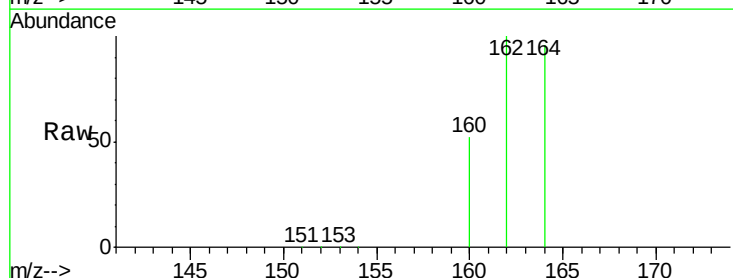
Instrument :
BNA_E
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PB85380BS

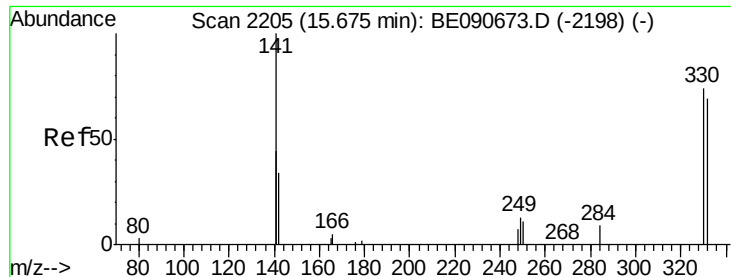
Tgt Ion:142 Resp: 77497
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.2
115 37.1 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:164 Resp: 106188
Ion Ratio Lower Upper
164 100
162 103.7 86.8 130.2
160 53.8 53.9 80.9#

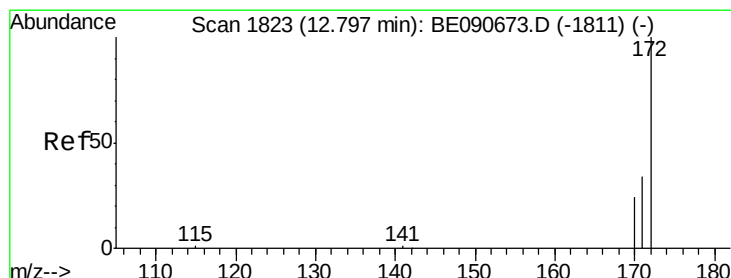
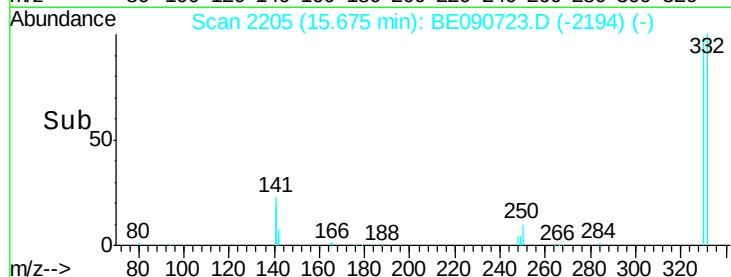
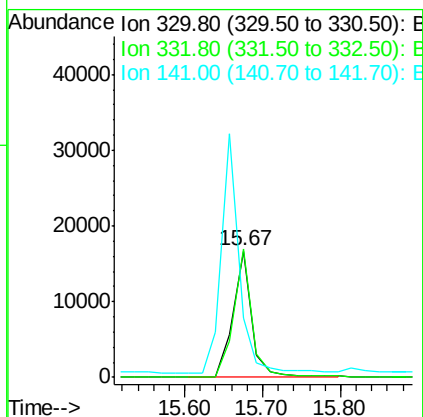
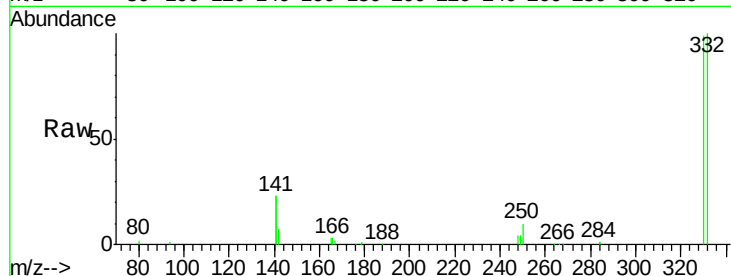




#13
 2,4,6-Tribromophenol
 Concen: 8.97 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090723.D
 Acq: 4 Sep 2015 10:58

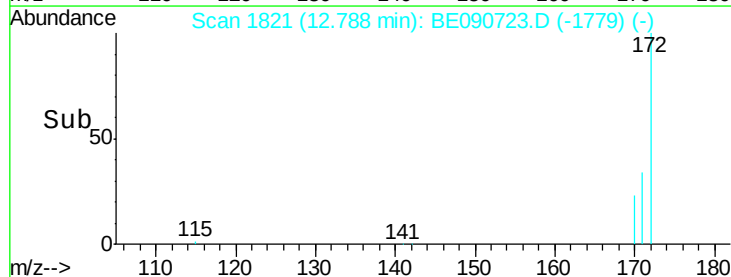
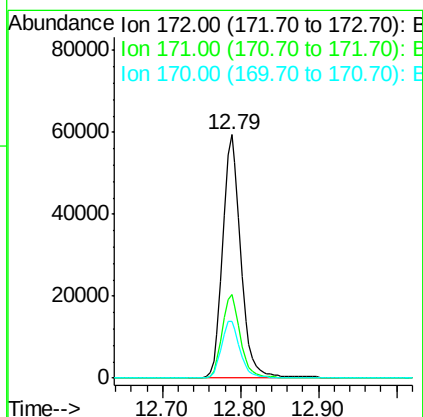
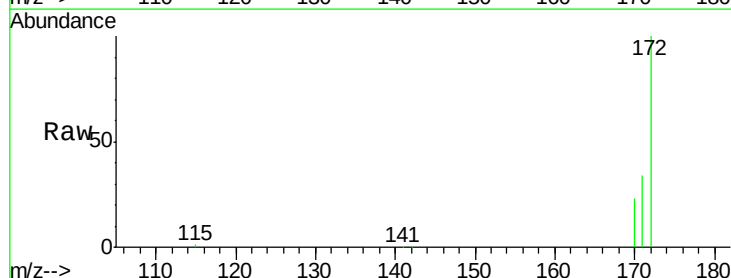
Instrument :
 BNA_E
 ClientSampleId :
 PB85380BS

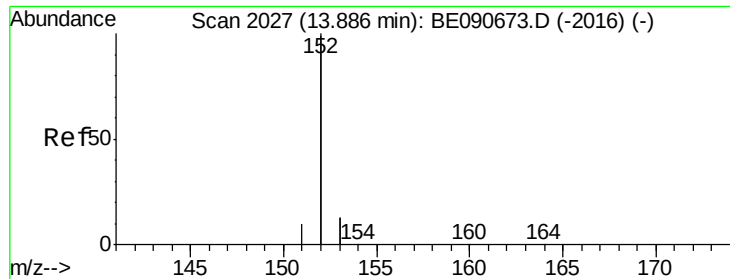
Tgt Ion:330 Resp: 28021
 Ion Ratio Lower Upper
 330 100
 332 97.8 74.9 112.3
 141 175.1 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.25 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090723.D
 Acq: 4 Sep 2015 10:58

Tgt Ion:172 Resp: 95622
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.4 19.8 29.6





#15

Acenaphthylene

Concen: 3.12 ng

RT: 13.89 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

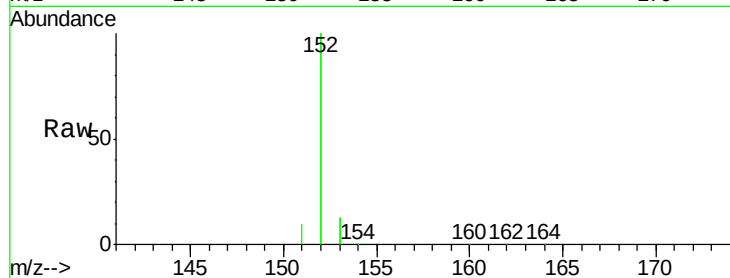
Tgt Ion:152 Resp: 528731

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

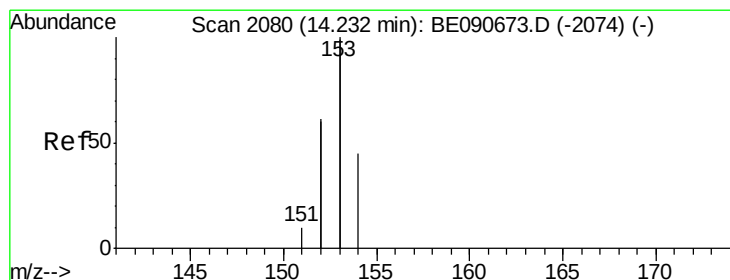
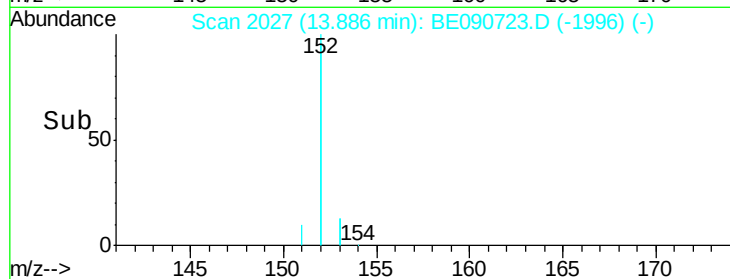
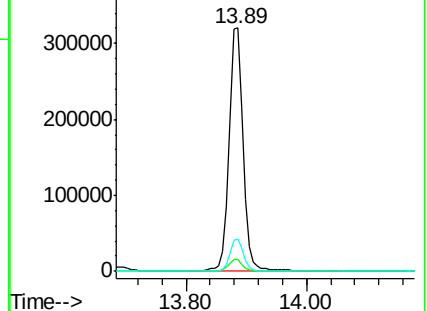
153 13.0 10.3 15.5



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: 2.93 ng

RT: 14.22 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

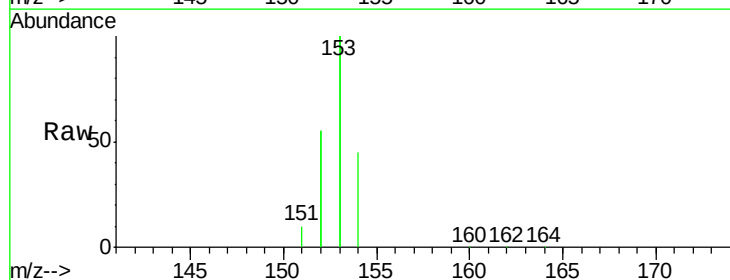
Tgt Ion:154 Resp: 83109

Ion Ratio Lower Upper

154 100

153 440.6 354.5 531.7

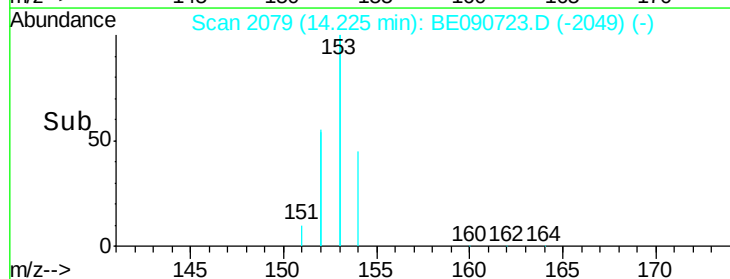
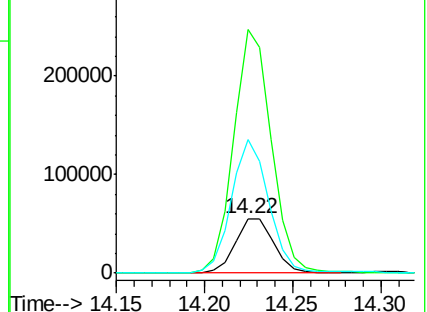
152 239.8 227.8 341.6

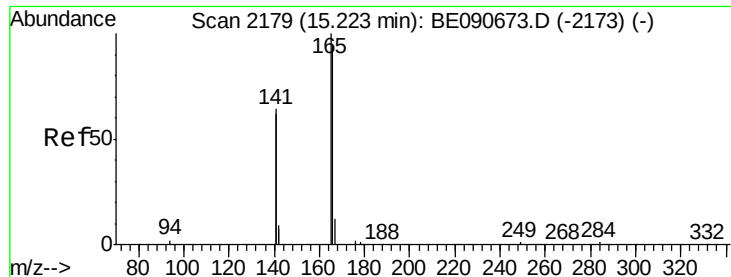


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

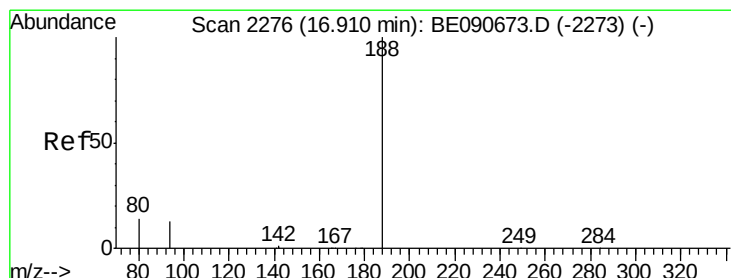
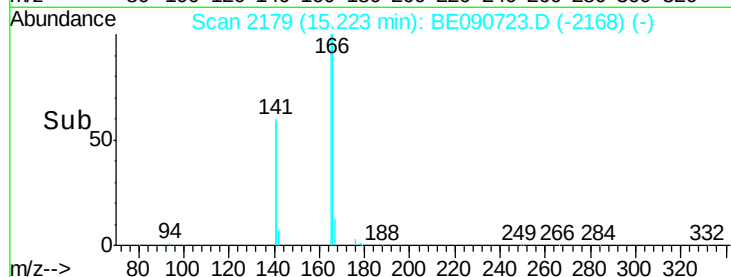
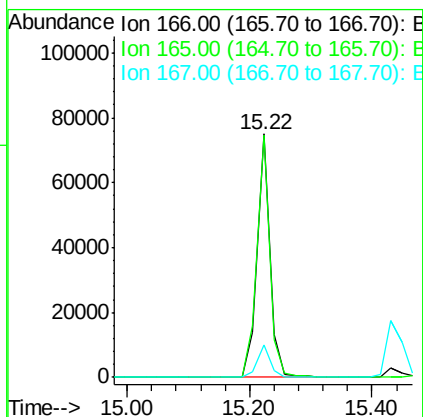
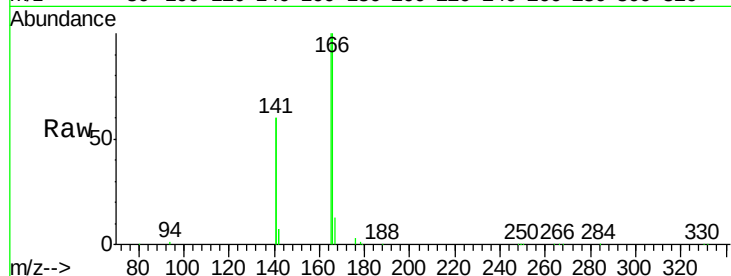




#17
Fluorene
Concen: 3.07 ng
RT: 15.22 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

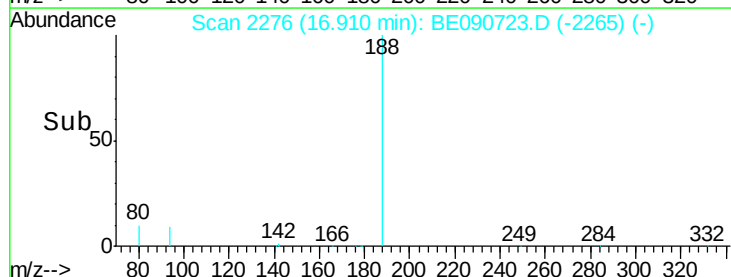
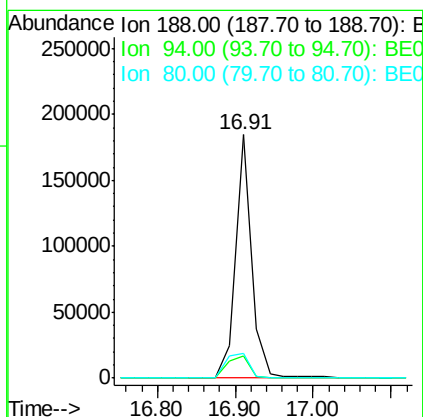
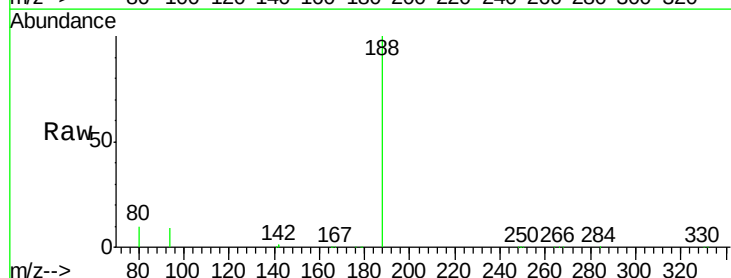
Instrument :
BNA_E
ClientSampleId :
PB85380BS

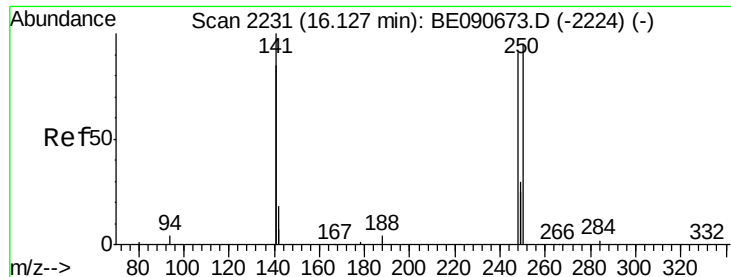
Tgt Ion:166 Resp: 108754
Ion Ratio Lower Upper
166 100
165 100.4 82.7 124.1
167 13.4 10.7 16.1



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090723.D
Acq: 4 Sep 2015 10:58

Tgt Ion:188 Resp: 266457
Ion Ratio Lower Upper
188 100
94 9.2 10.3 15.5#
80 10.0 11.0 16.6#





#19

4-Bromophenyl-phenylether

Concen: 3.07 ng

RT: 16.11 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

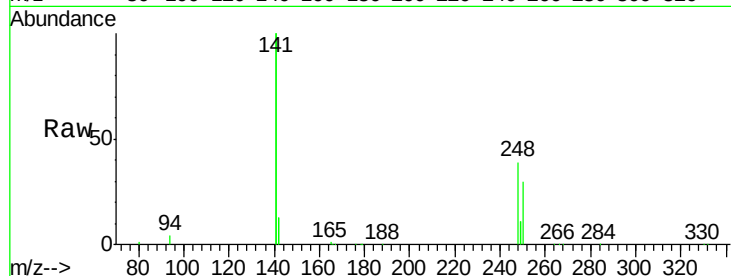
Tgt Ion:248 Resp: 27892

Ion Ratio Lower Upper

248 100

250 95.7 76.7 115.1

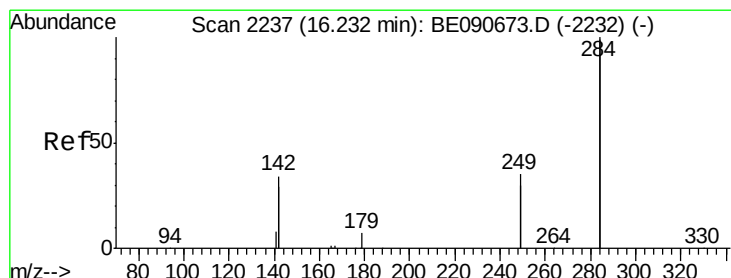
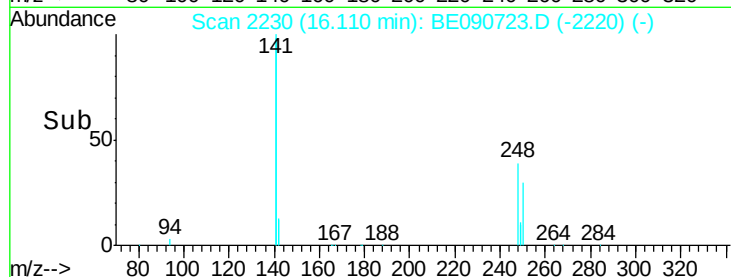
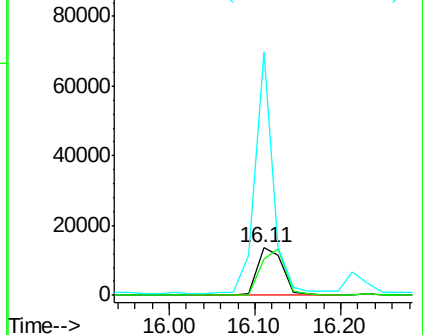
141 357.8 292.6 439.0



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



#20

Hexachlorobenzene

Concen: 3.11 ng

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

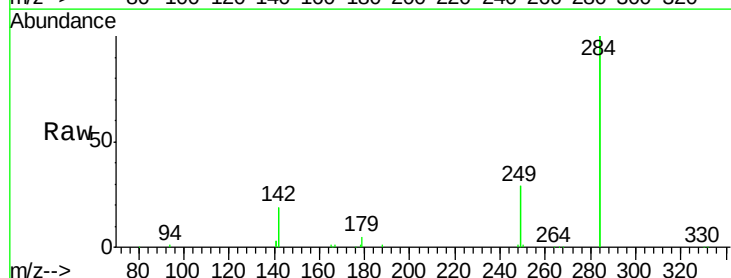
Tgt Ion:284 Resp: 136859

Ion Ratio Lower Upper

284 100

142 40.3 35.0 52.4

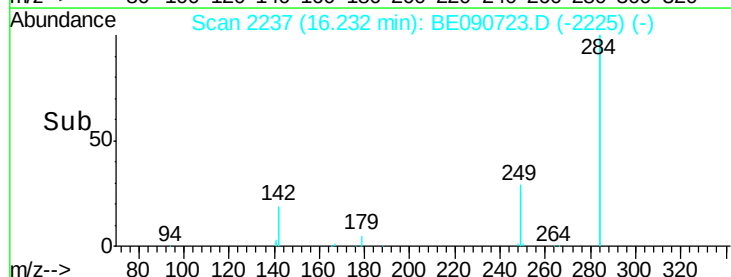
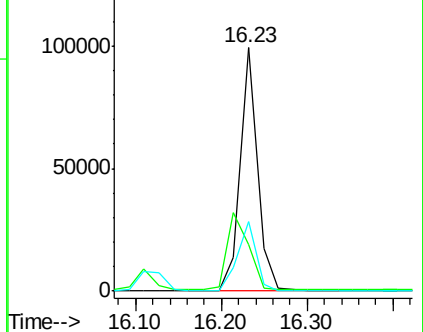
249 31.0 25.5 38.3

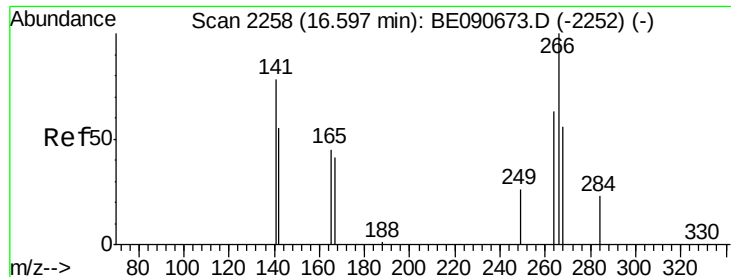


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 7.15 ng

RT: 16.58 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

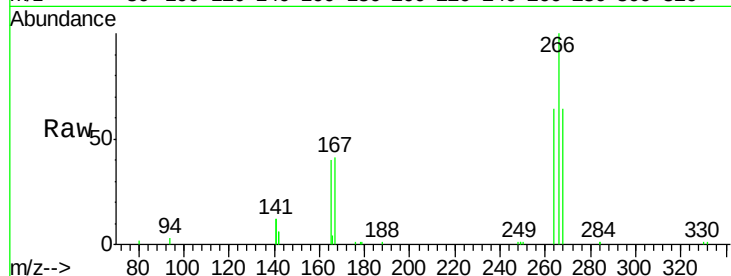
Tgt Ion:266 Resp: 26251

Ion Ratio Lower Upper

266 100

268 64.3 49.6 74.4

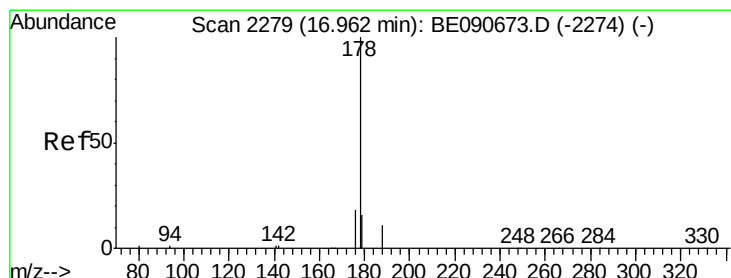
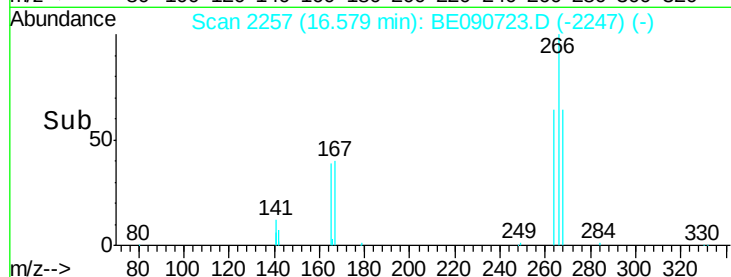
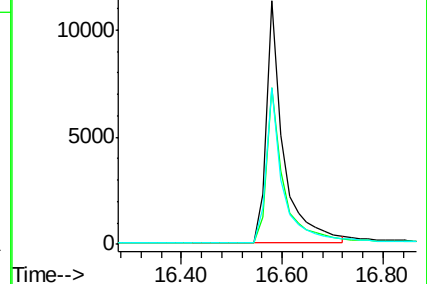
264 64.1 53.9 80.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 2.98 ng

RT: 16.94 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

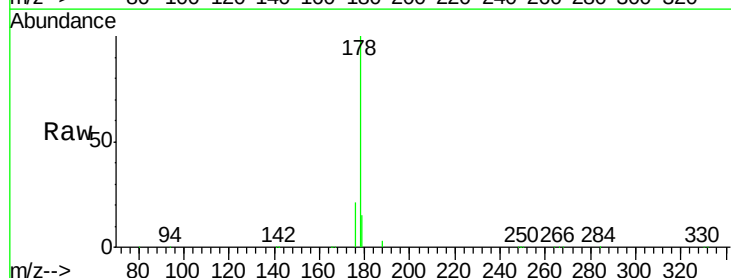
Tgt Ion:178 Resp: 196306

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

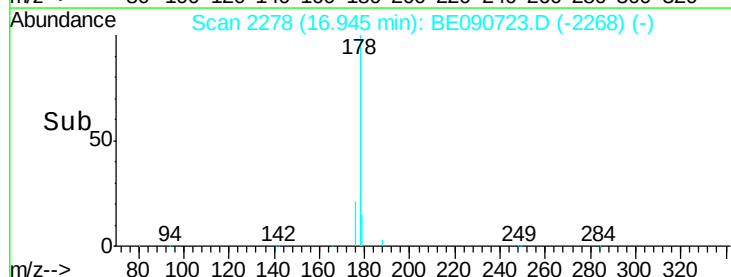
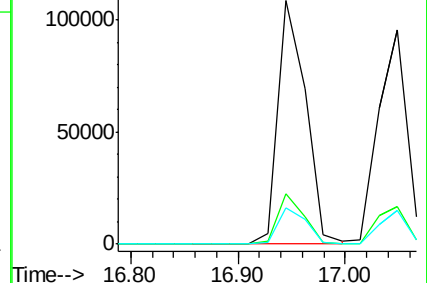
179 15.3 12.8 19.2

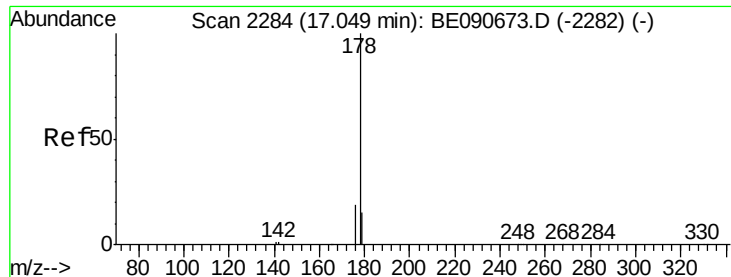


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.29 ng

RT: 17.05 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

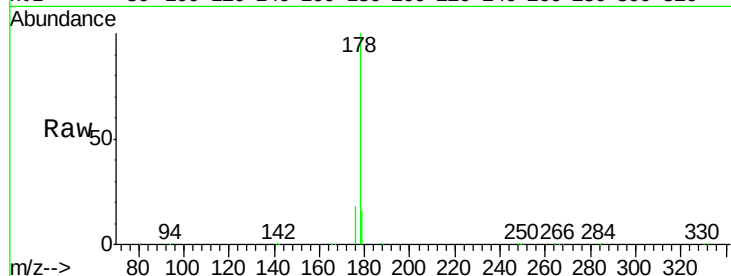
Tgt Ion:178 Resp: 181372

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

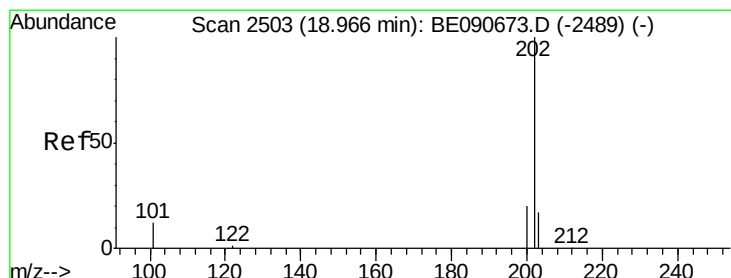
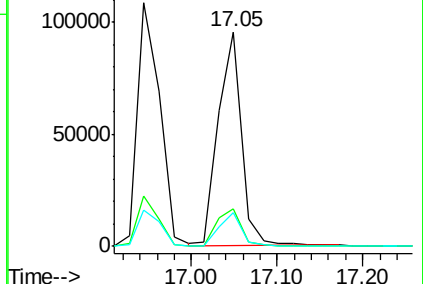
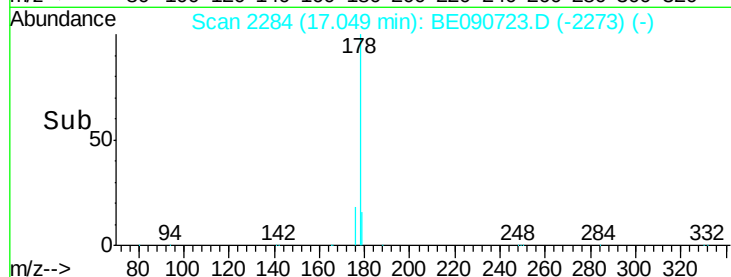
179 15.1 12.3 18.5



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: 3.24 ng

RT: 18.96 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

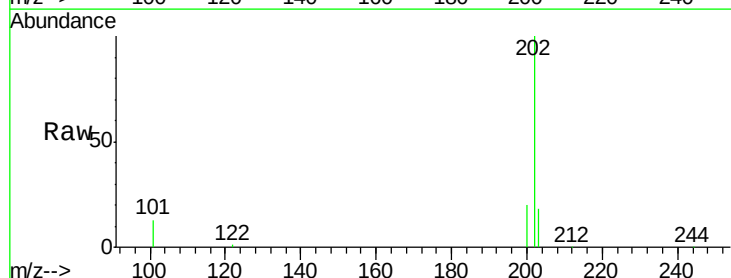
Tgt Ion:202 Resp: 225099

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

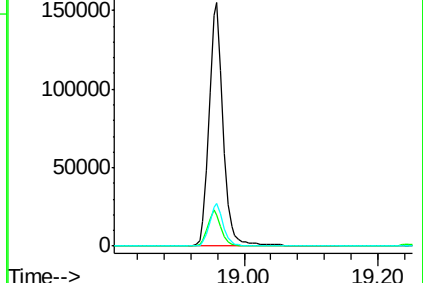
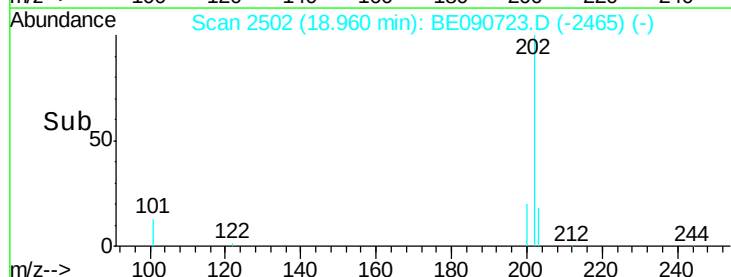
203 17.3 13.9 20.9

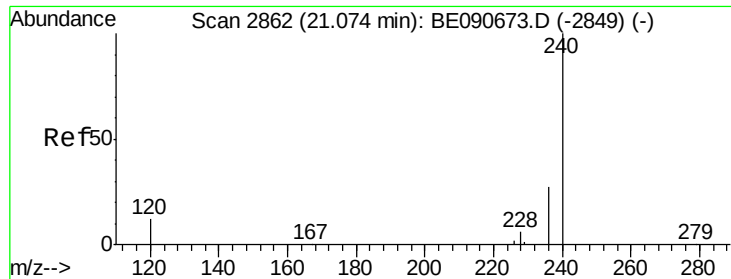


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2862

Delta R.T. -0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

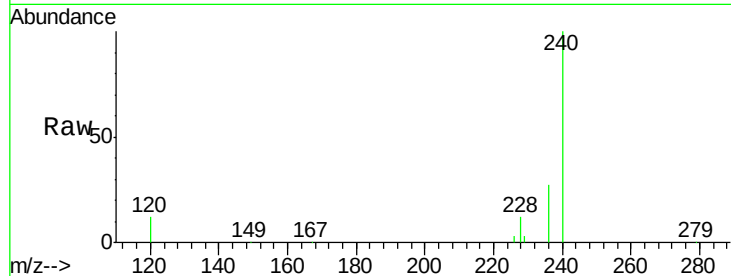
Tgt Ion:240 Resp: 344564

Ion Ratio Lower Upper

240 100

120 11.8 10.1 15.1

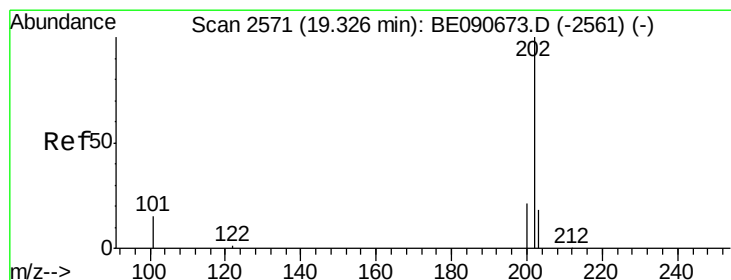
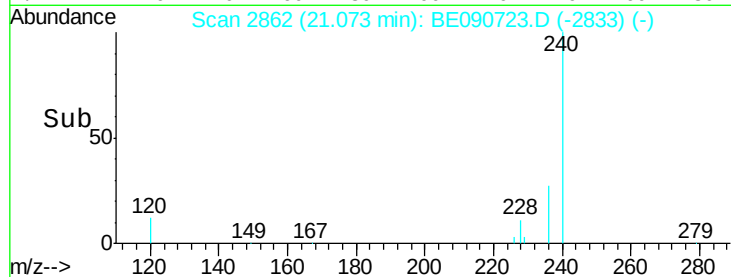
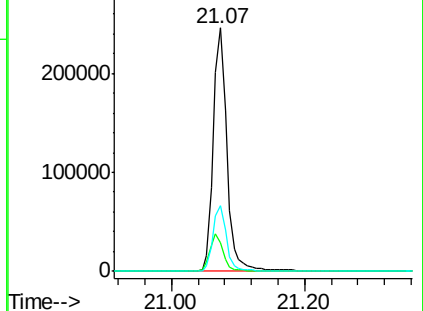
236 27.0 21.9 32.9



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: 3.51 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

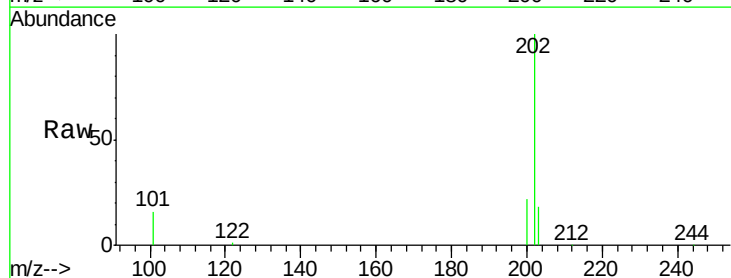
Tgt Ion:202 Resp: 250463

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

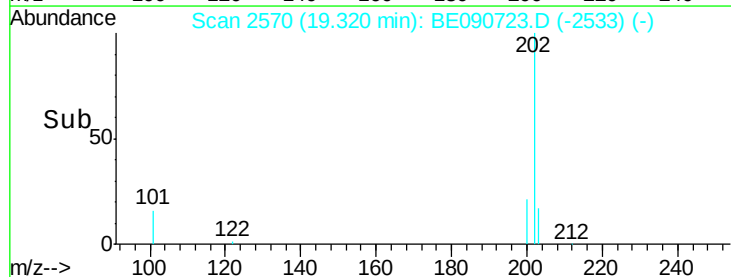
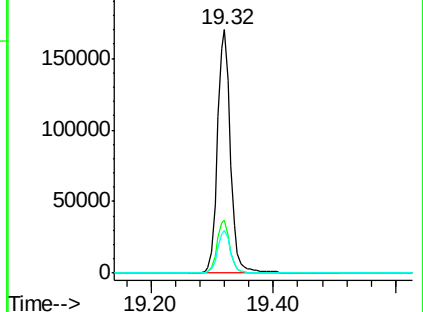
203 17.9 13.8 20.6

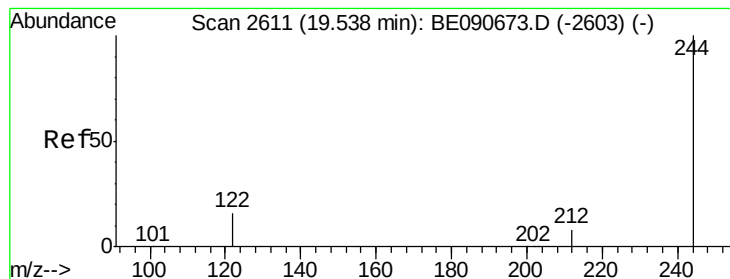


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.19 ng

RT: 19.53 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampled :

PB85380BS

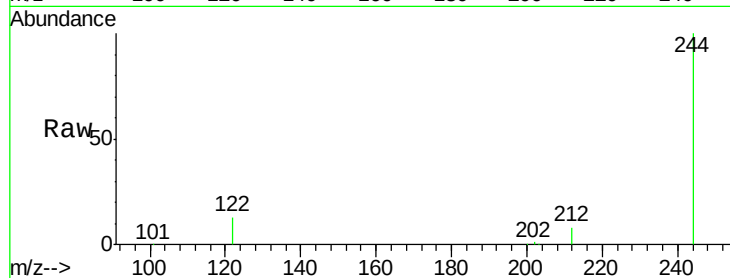
Tgt Ion:244 Resp: 159634

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

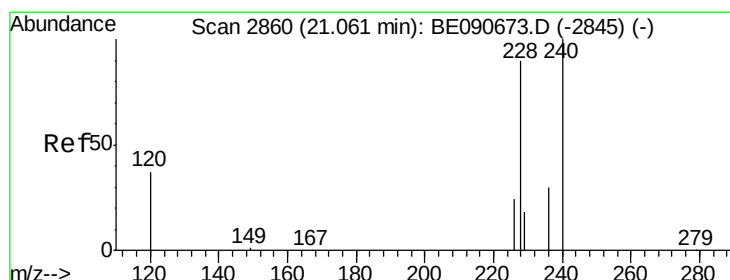
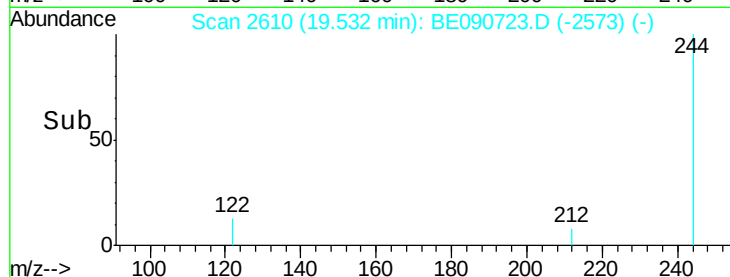
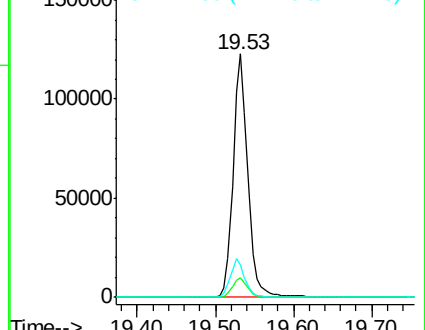
122 13.3 12.9 19.3



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: 3.21 ng

RT: 21.05 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

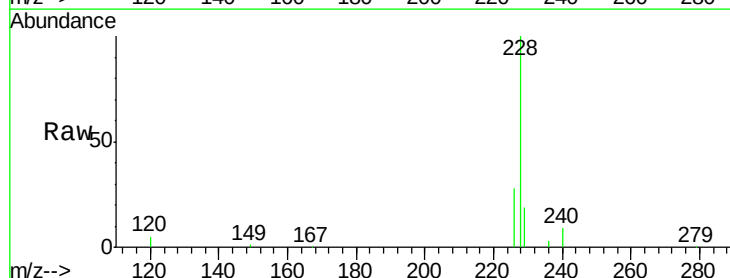
Tgt Ion:228 Resp: 242584

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

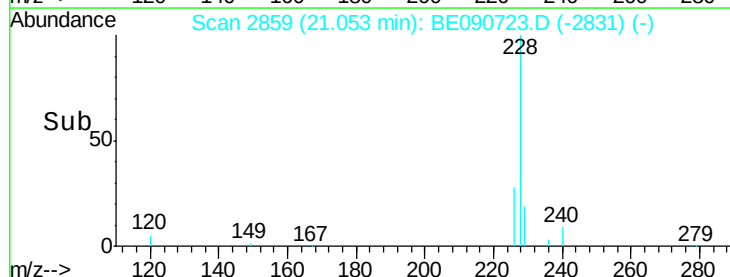
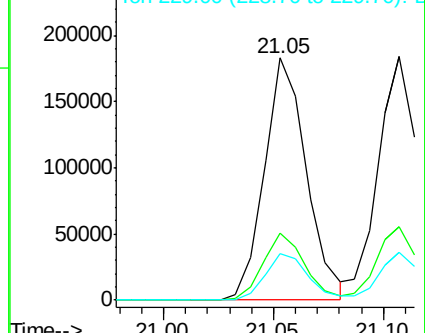
229 19.3 15.9 23.9

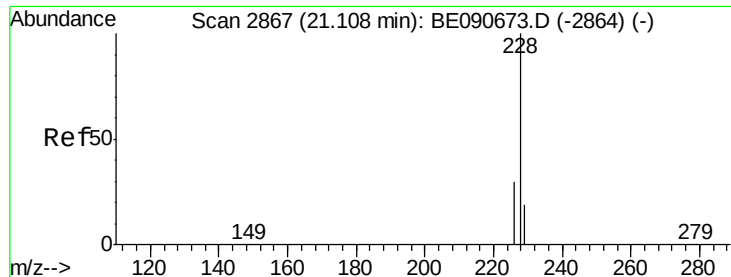


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.16 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

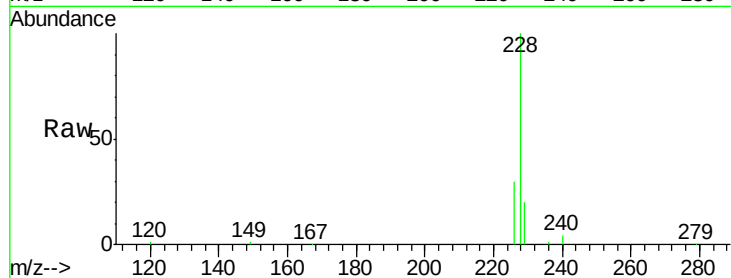
Tgt Ion:228 Resp: 253651

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

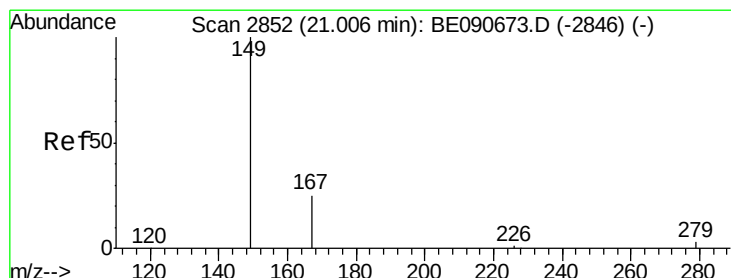
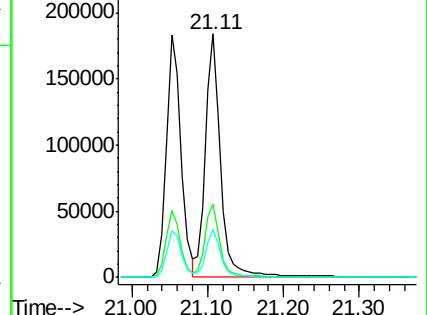
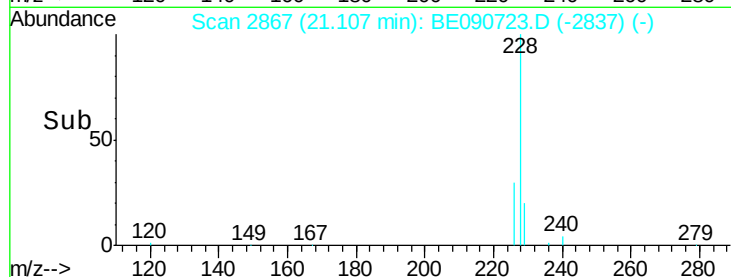
229 19.7 15.3 22.9



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: 3.74 ng

RT: 21.01 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

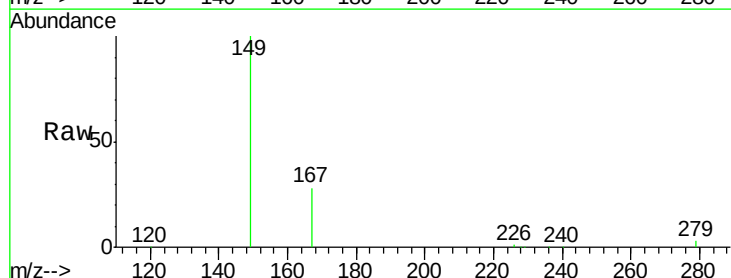
Tgt Ion:149 Resp: 90690

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

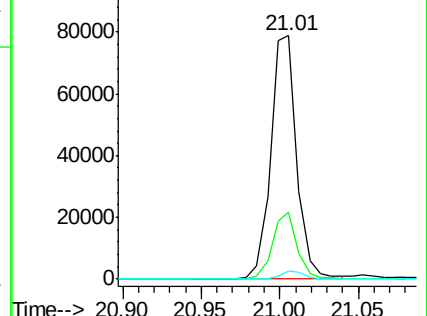
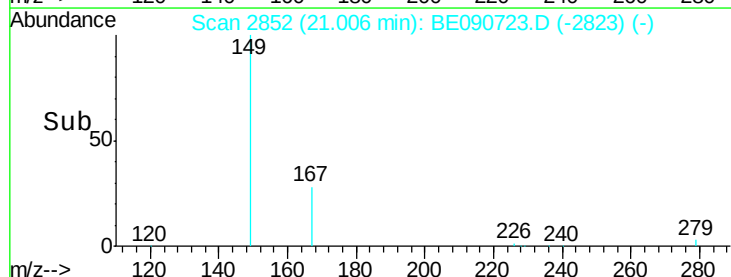
279 3.1 2.3 3.5

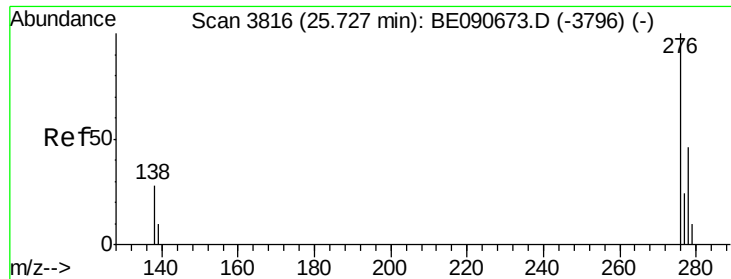


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.19 ng

RT: 25.72 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE090723.D

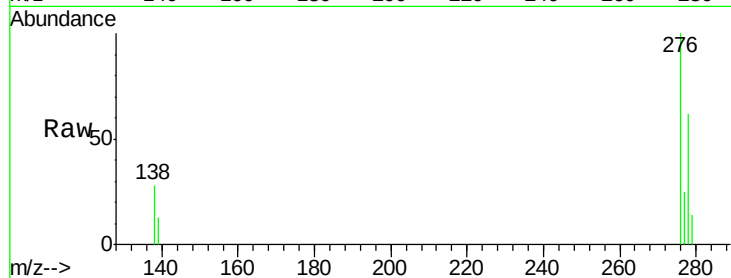
Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS



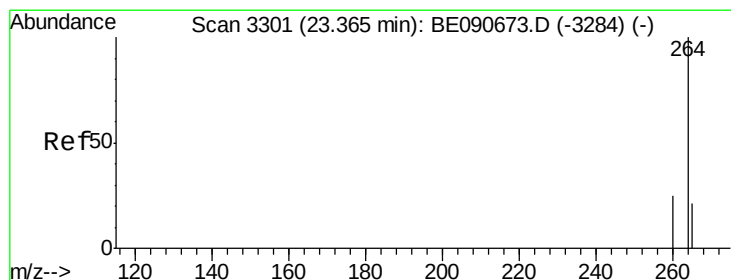
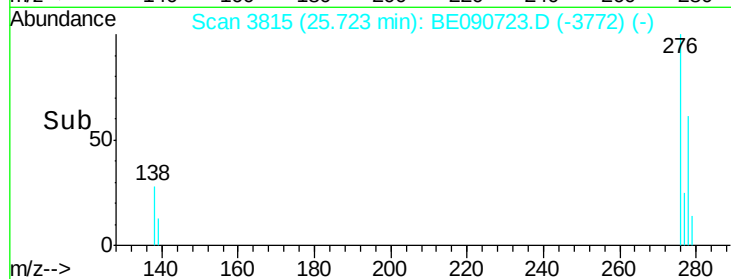
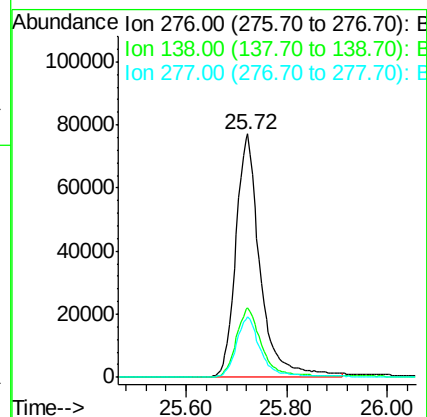
Tgt Ion: 276 Resp: 259286

Ion Ratio Lower Upper

276 100

138 29.9 23.3 34.9

277 25.1 19.8 29.6



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3300

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

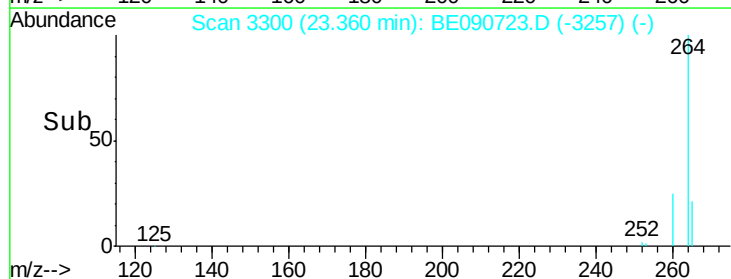
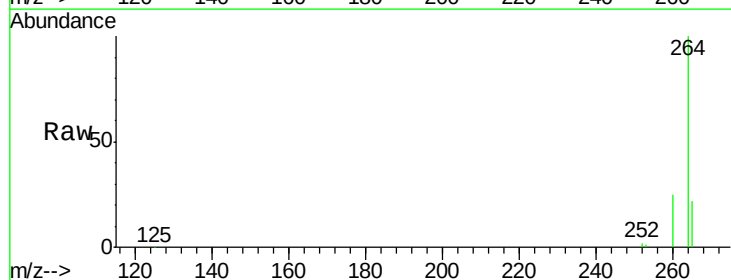
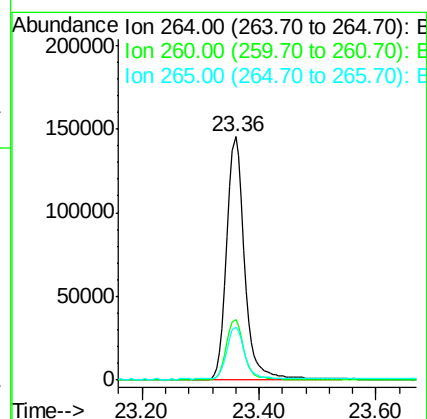
Tgt Ion: 264 Resp: 306902

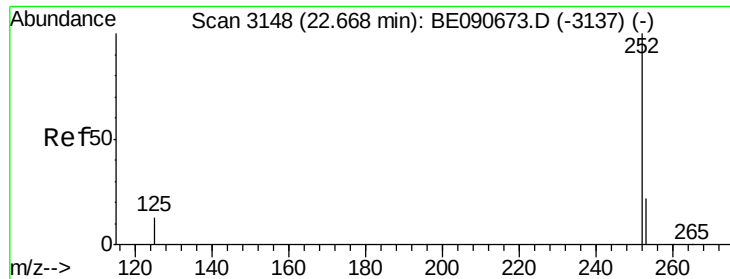
Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.8 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 3.35 ng

RT: 22.66 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

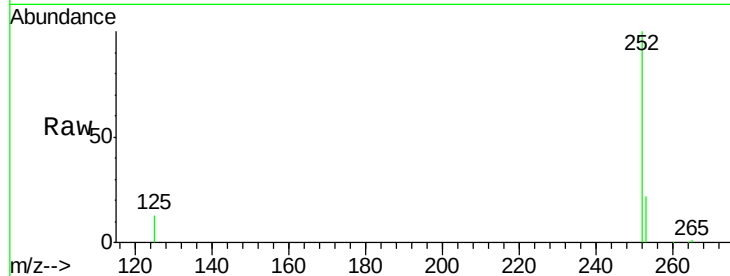
Tgt Ion:252 Resp: 223122

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

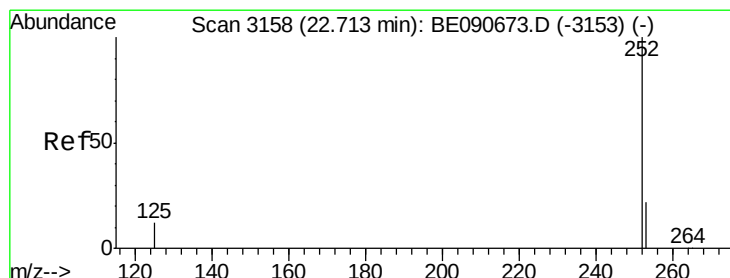
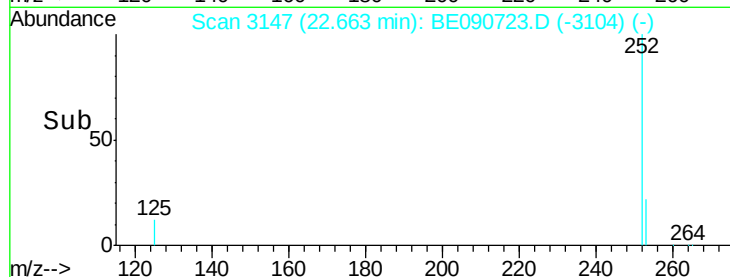
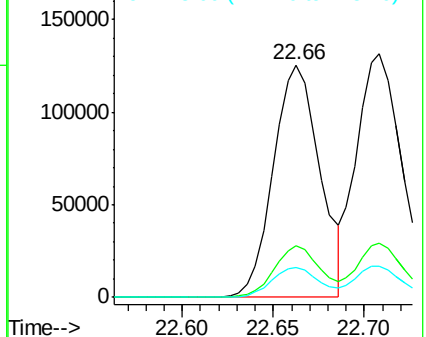
125 12.6 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 3.22 ng

RT: 22.71 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

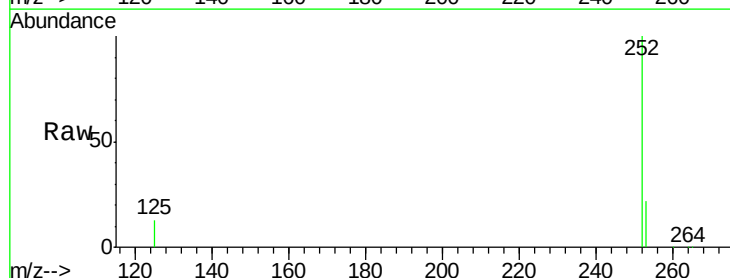
Tgt Ion:252 Resp: 249519

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

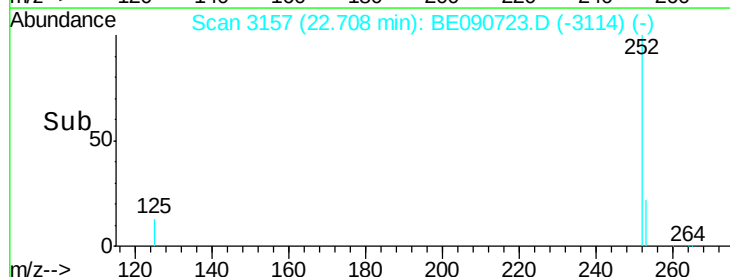
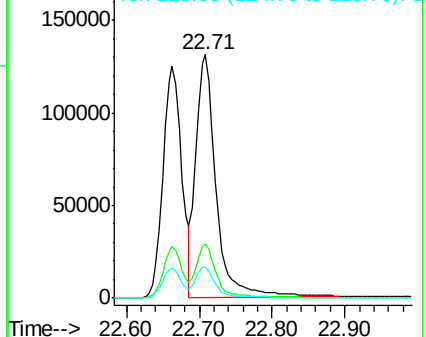
125 12.7 10.1 15.1

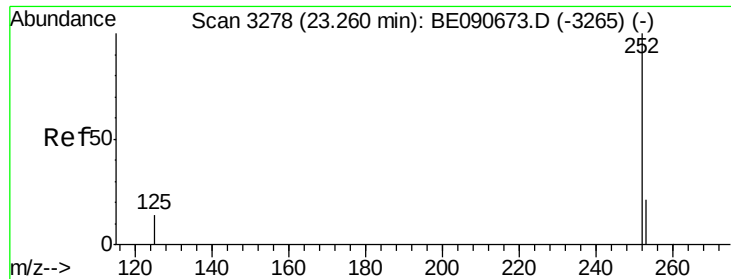


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.54 ng

RT: 23.25 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS

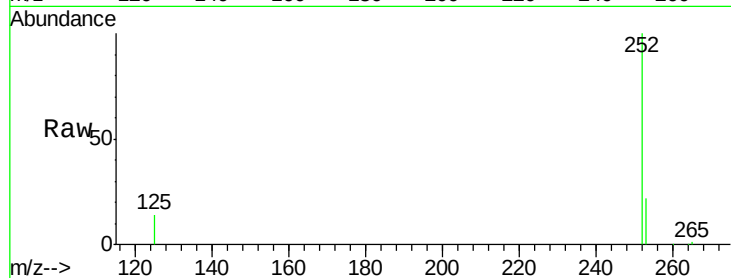
Tgt Ion: 252 Resp: 210513

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

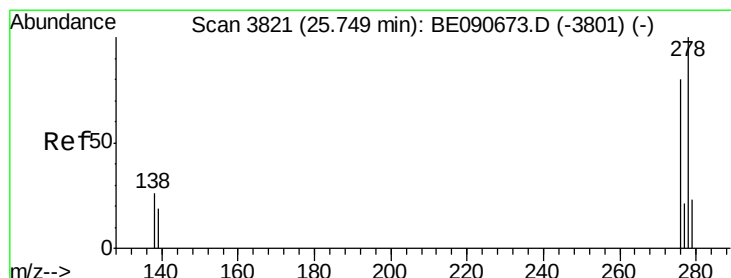
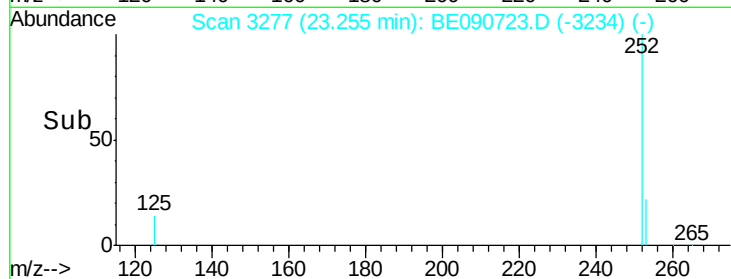
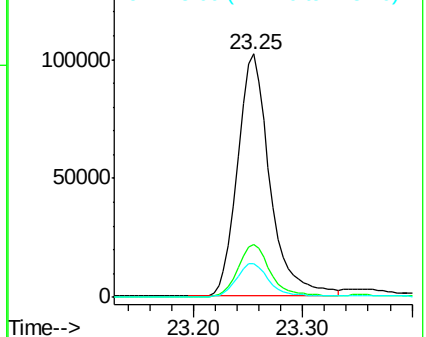
125 14.0 11.6 17.4



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: 2.98 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090723.D

Acq: 4 Sep 2015 10:58

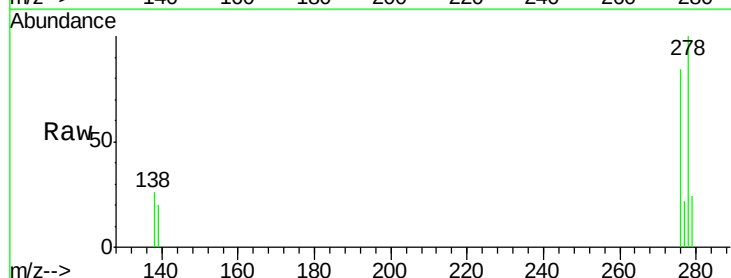
Tgt Ion: 278 Resp: 211958

Ion Ratio Lower Upper

278 100

139 19.6 15.4 23.0

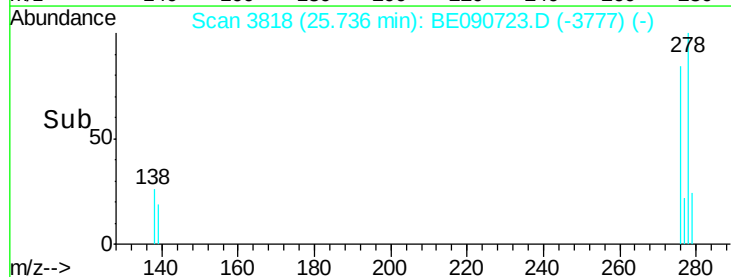
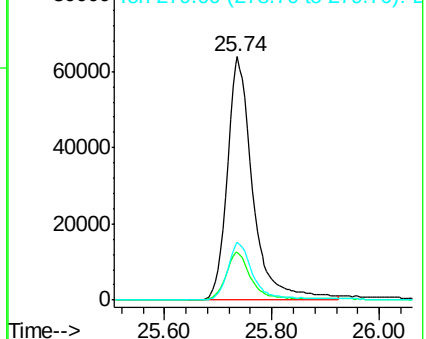
279 23.8 18.8 28.2

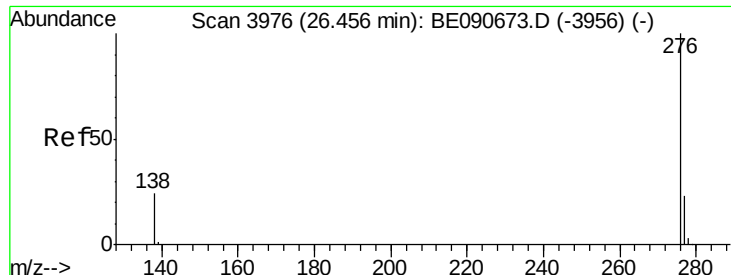


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.26 ng

RT: 26.44 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BE090723.D

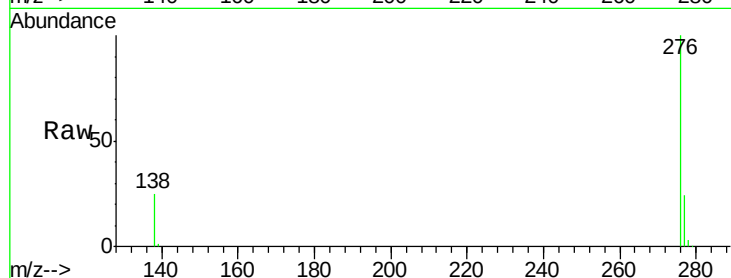
Acq: 4 Sep 2015 10:58

Instrument :

BNA_E

ClientSampleId :

PB85380BS



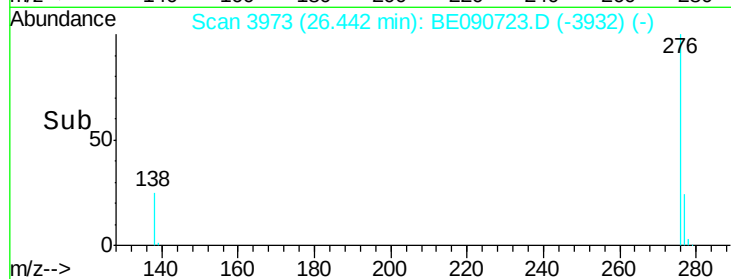
Tgt Ion: 276 Resp: 223028

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.5 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

