

Data Path : C:\USERS\EUSER\DESKTOP\BE082415\
 Data File : BE090601.D
 Acq On : 24 Aug 2015 15:09
 Operator : UM/IZ
 Sample : IDOC-S-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-04

Quant Time: Aug 24 19:53:22 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

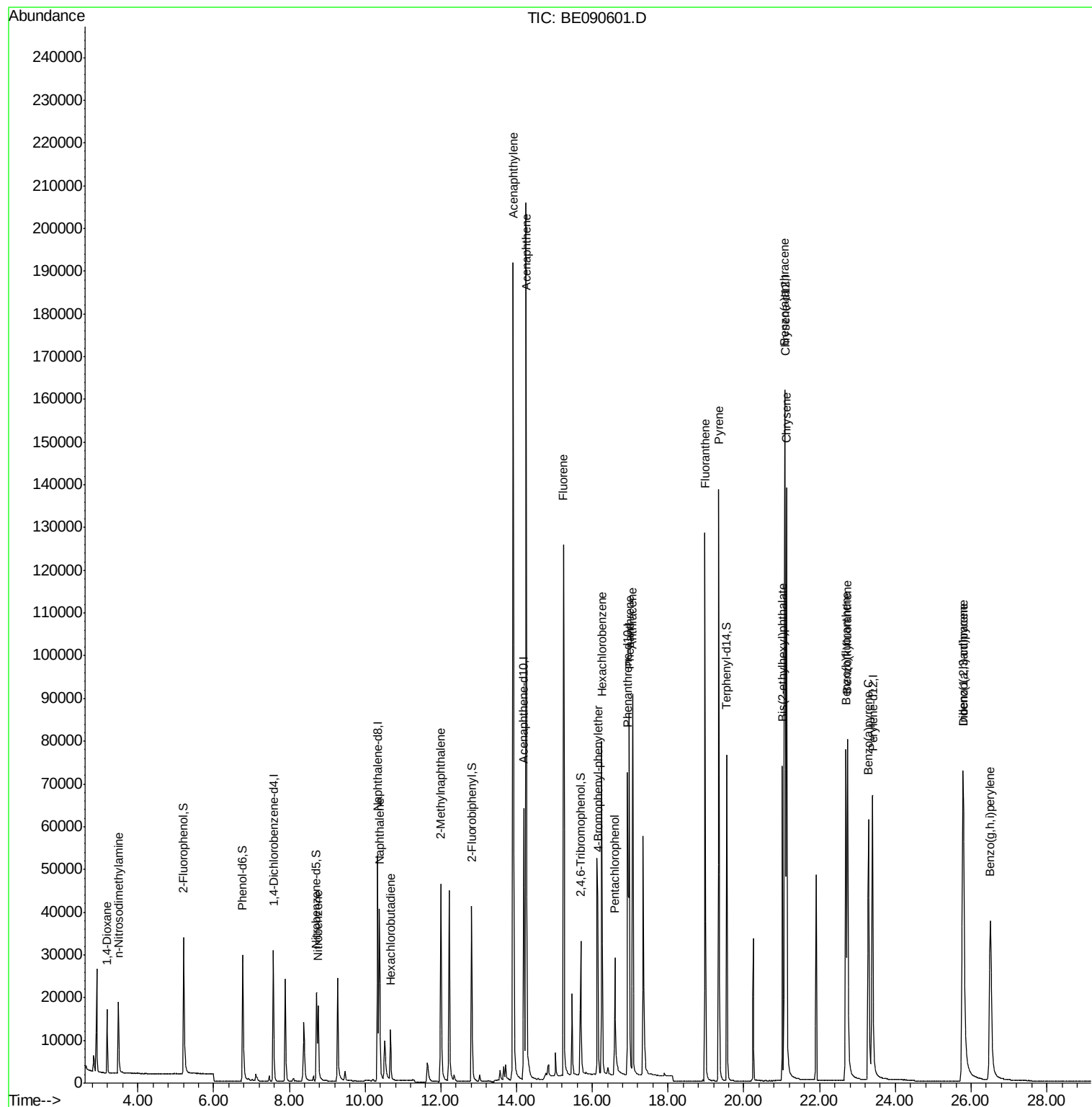
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	15566	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	73538	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	42279	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	101506	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	121612	5.00	ng	0.00
32) Perylene-d12	23.40	264	105260	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	29368	6.53	ng	0.00
5) Phenol-d6	6.77	99	42341	6.40	ng	0.00
7) Nitrobenzene-d5	8.72	82	22440	3.83	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15114	9.29	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	47204	3.74	ng	0.00
27) Terphenyl-d14	19.55	244	83076	3.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	8115	4.60	ng	94
3) n-Nitrosodimethylamine	3.48	42	10008	3.73	ng	# 79
8) Nitrobenzene	8.76	77	22687	3.74	ng	95
9) Naphthalene	10.38	128	58532	3.50	ng	99
10) Hexachlorobutadiene	10.67	225	8695	3.54	ng	100
11) 2-Methylnaphthalene	12.00	142	40760	3.75	ng	97
15) Acenaphthylene	13.91	152	284028	3.68	ng	100
16) Acenaphthene	14.25	154	42206	3.63	ng	# 83
17) Fluorene	15.24	166	58975	4.14	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	15834	3.82	ng	79
20) Hexachlorobenzene	16.25	284	71944	3.91	ng	96
21) Pentachlorophenol	16.60	266	16070	7.16	ng	90
22) Phenanthrene	16.98	178	102448	3.85	ng	100
23) Anthracene	17.07	178	102572	4.18	ng	100
24) Fluoranthene	18.98	202	122800	4.33	ng	99
26) Pyrene	19.34	202	132642	3.81	ng	99
28) Benzo(a)anthracene	21.07	228	125960	3.94	ng	99
29) Chrysene	21.13	228	124769	3.82	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	63676	3.38	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	117360	3.81	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	105841	4.25	ng	99
34) Benzo(k)fluoranthene	22.74	252	125184	4.43	ng	98
35) Benzo(a)pyrene	23.29	252	107454	4.61	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	93726	4.17	ng	97
37) Benzo(g,h,i)perylene	26.51	276	104048	4.23	ng	96

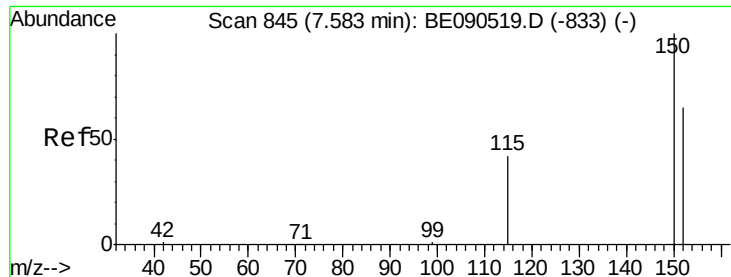
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\USERS\EUSER\DESKTOP\BE082415\
Data File : BE090601.D
Acq On : 24 Aug 2015 15:09
Operator : UM/IZ
Sample : IDOC-S-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
IDOC-S-04

Quant Time: Aug 24 19:53:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

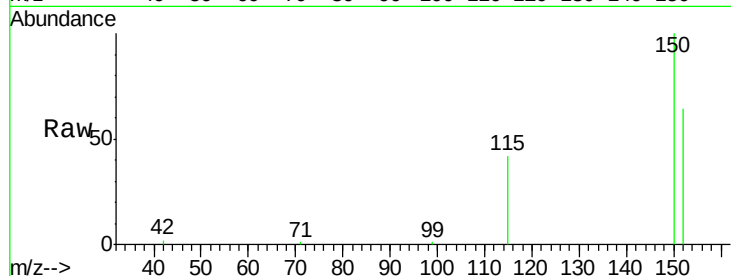
Tgt Ion:152 Resp: 15566

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

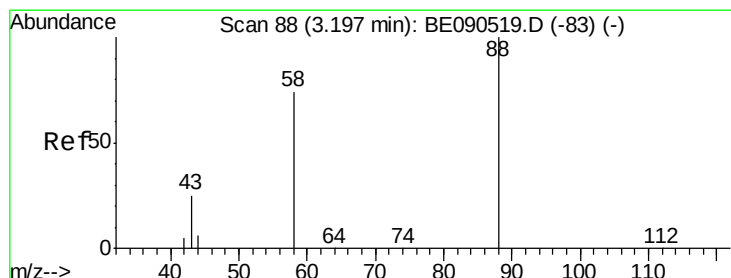
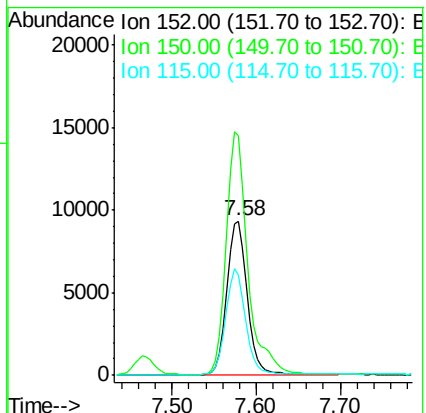
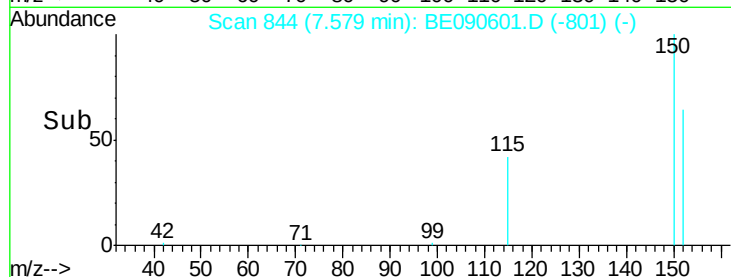
115 65.3 48.9 73.3



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: 4.60 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

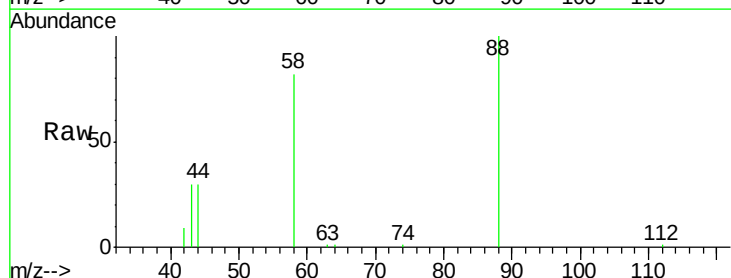
Tgt Ion: 88 Resp: 8115

Ion Ratio Lower Upper

88 100

58 83.0 70.0 105.0

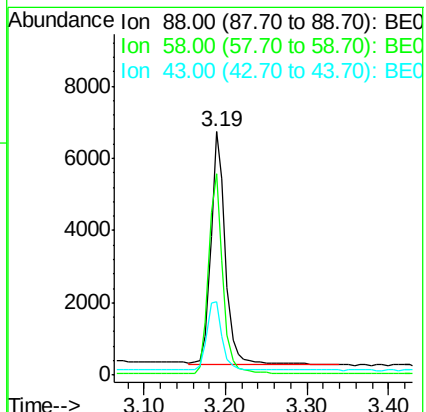
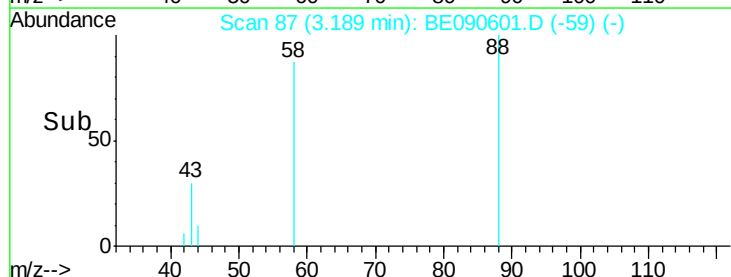
43 30.6 28.4 42.6

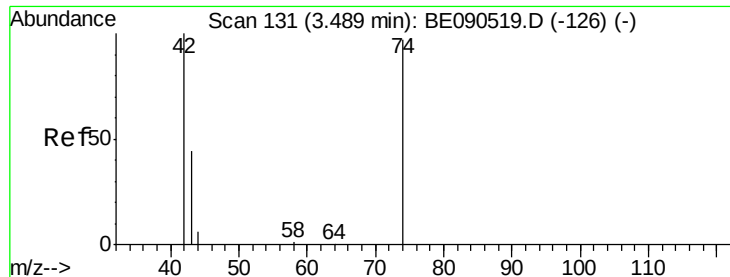


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.73 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

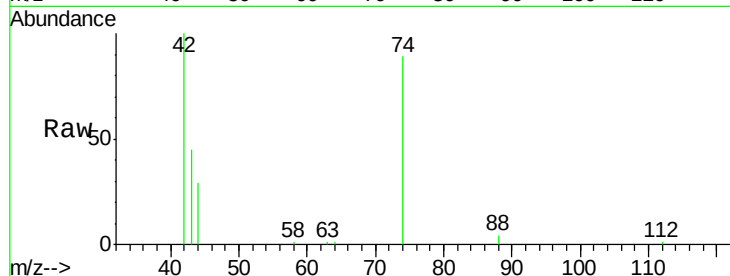
Tgt Ion: 42 Resp: 10008

Ion Ratio Lower Upper

42 100

74 116.7 75.2 112.8#

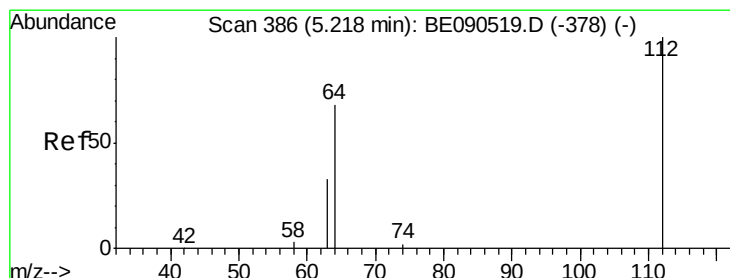
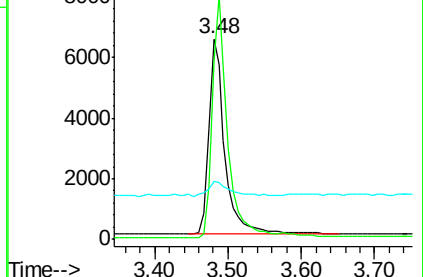
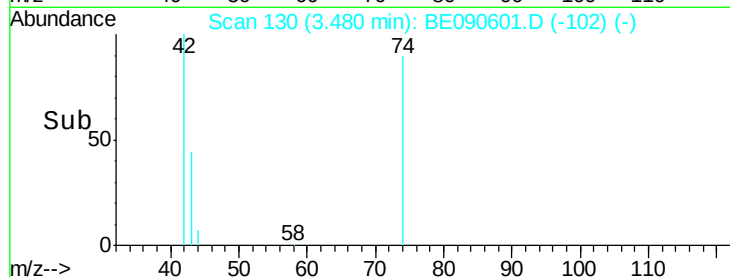
44 10.7 8.7 13.1



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: 6.53 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

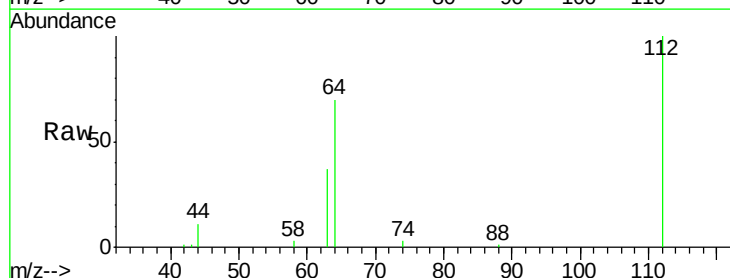
Tgt Ion: 112 Resp: 29368

Ion Ratio Lower Upper

112 100

64 69.7 37.1 55.7#

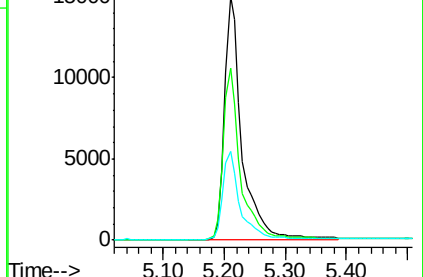
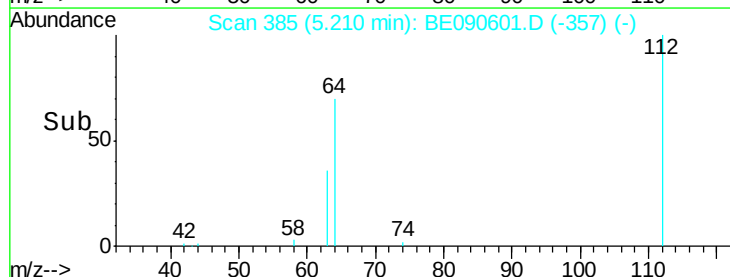
63 36.0 19.5 29.3#

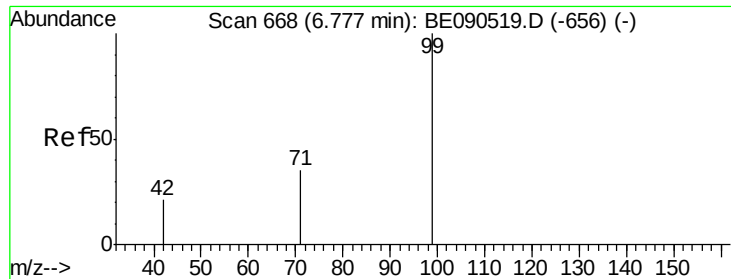


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.40 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

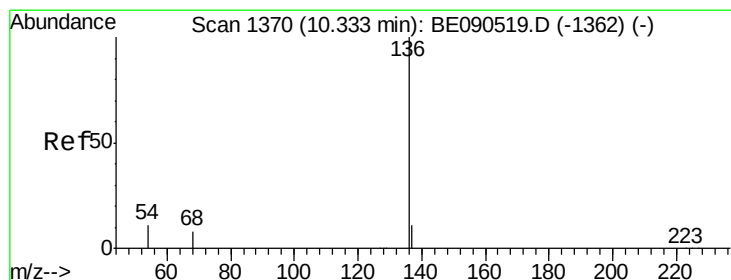
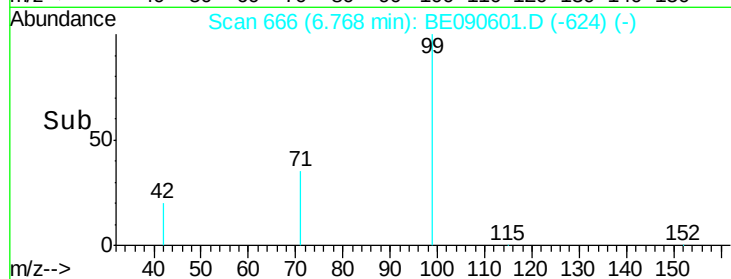
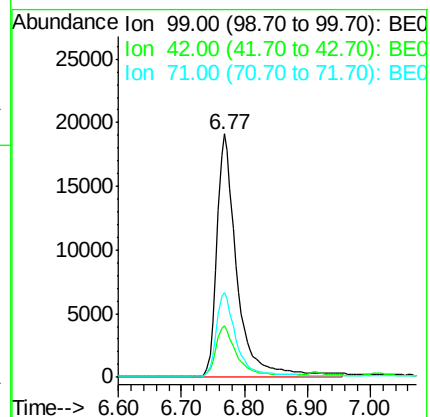
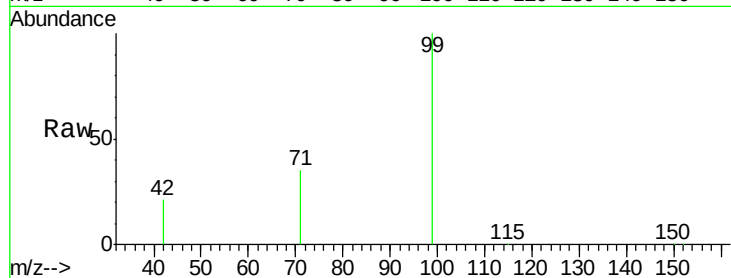
Tgt Ion: 99 Resp: 42341

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

71 35.3 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Tgt Ion: 136 Resp: 73538

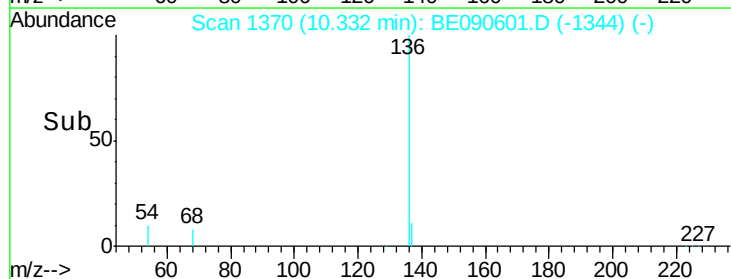
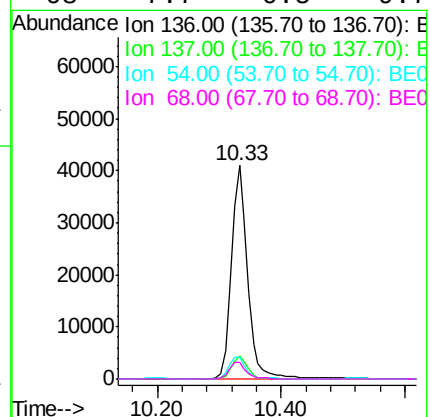
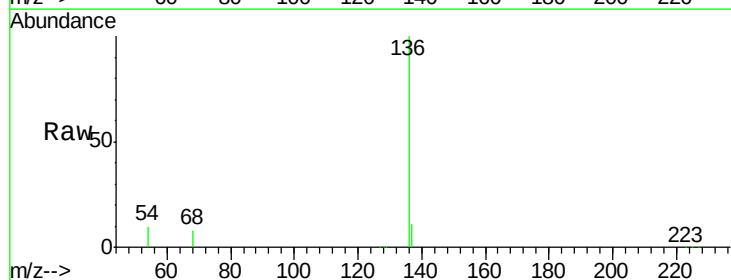
Ion Ratio Lower Upper

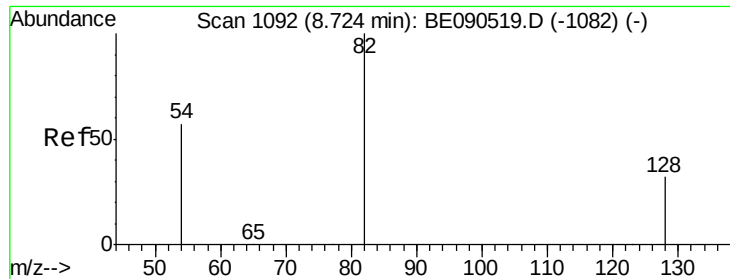
136 100

137 10.9 8.7 13.1

54 10.5 9.4 14.0

68 7.7 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.83 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

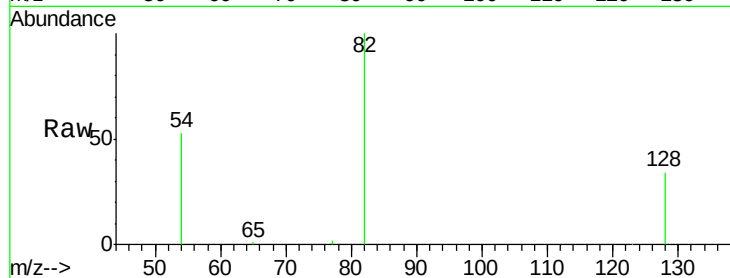
Tgt Ion: 82 Resp: 22440

Ion Ratio Lower Upper

82 100

128 33.6 25.0 37.6

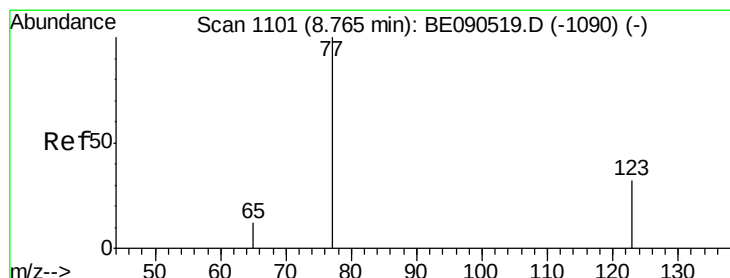
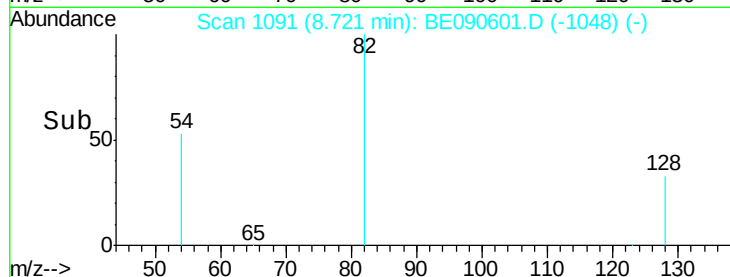
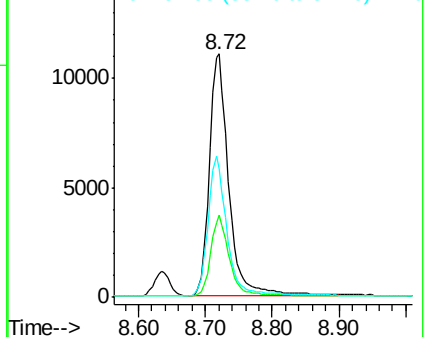
54 53.0 48.8 73.2



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



#8

Nitrobenzene

Concen: 3.74 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

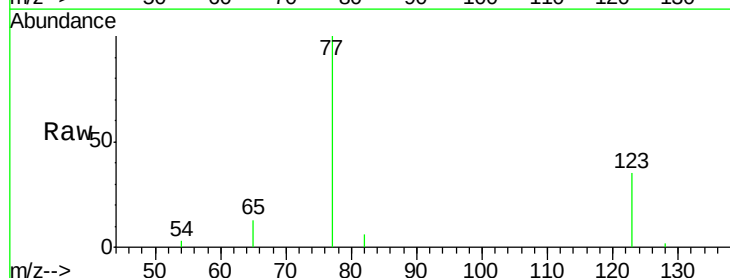
Tgt Ion: 77 Resp: 22687

Ion Ratio Lower Upper

77 100

123 34.4 25.1 37.7

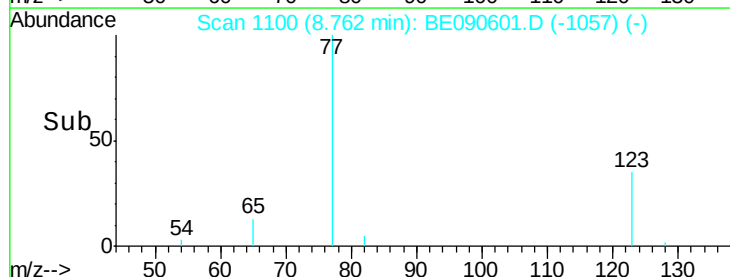
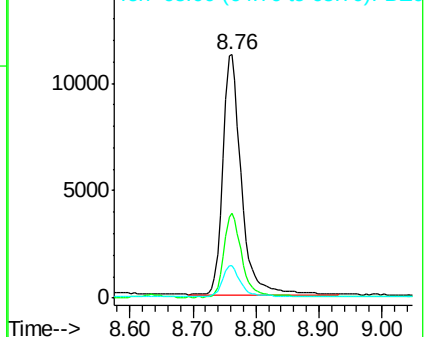
65 12.9 9.3 13.9

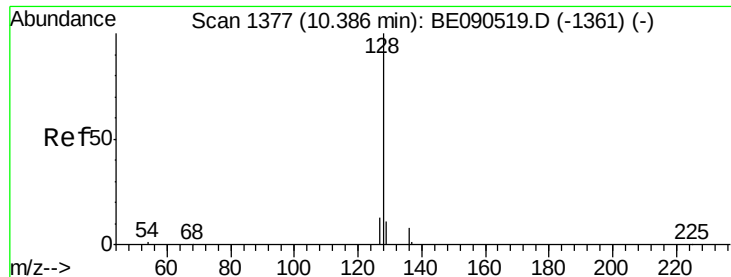


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.50 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

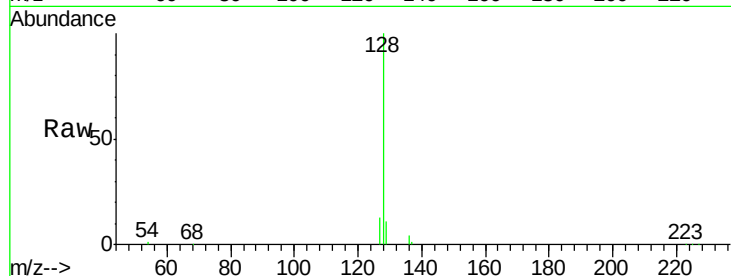
Tgt Ion:128 Resp: 58532

Ion Ratio Lower Upper

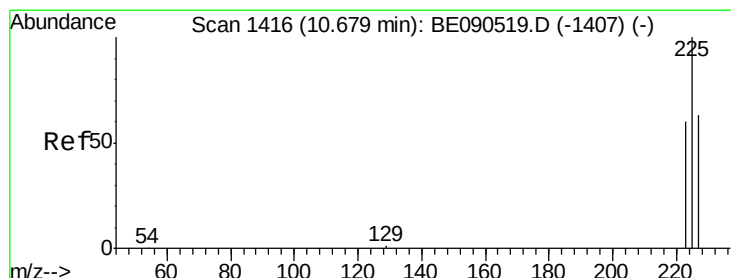
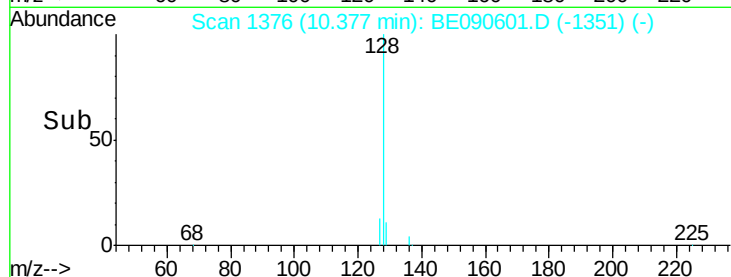
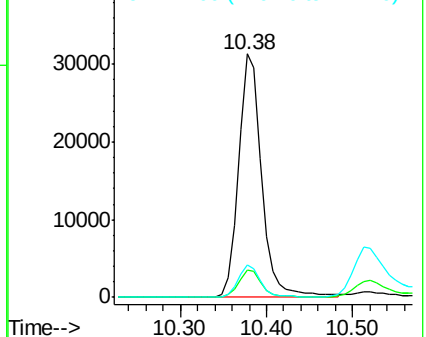
128 100

129 11.0 9.8 14.6

127 13.3 10.6 16.0



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: 3.54 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

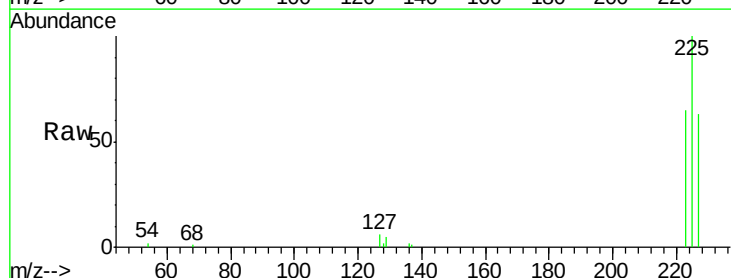
Tgt Ion:225 Resp: 8695

Ion Ratio Lower Upper

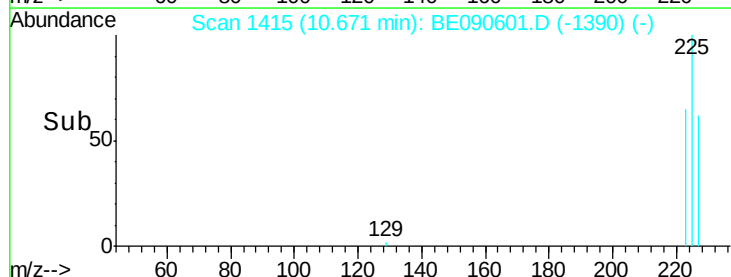
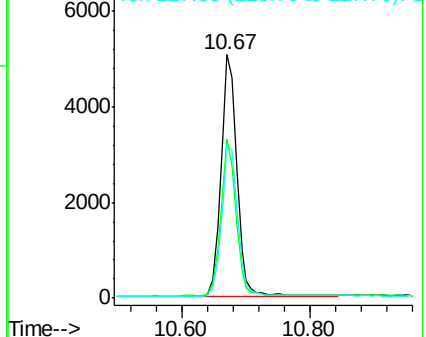
225 100

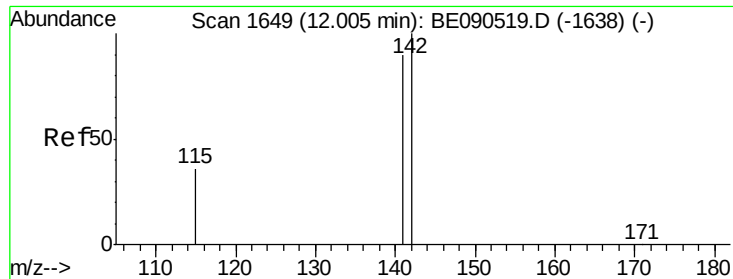
223 62.9 50.6 75.8

227 63.1 50.7 76.1



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

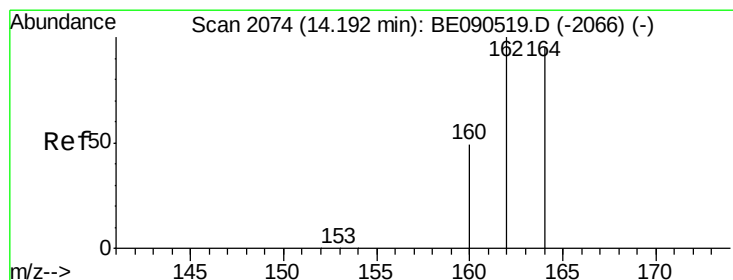
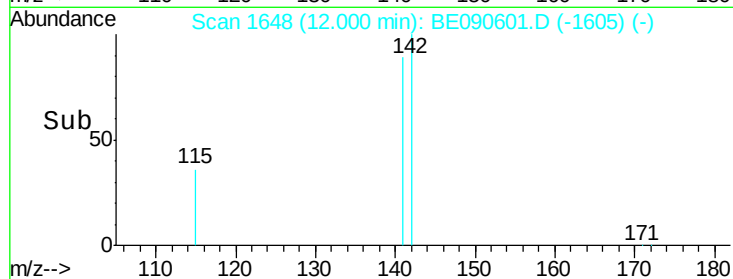
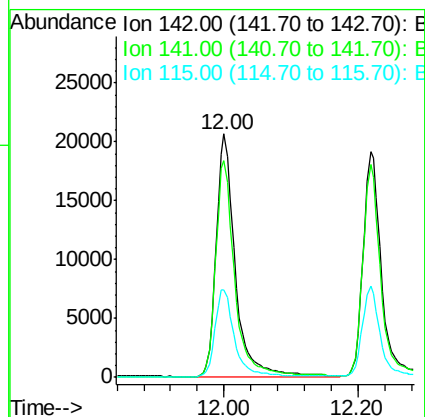
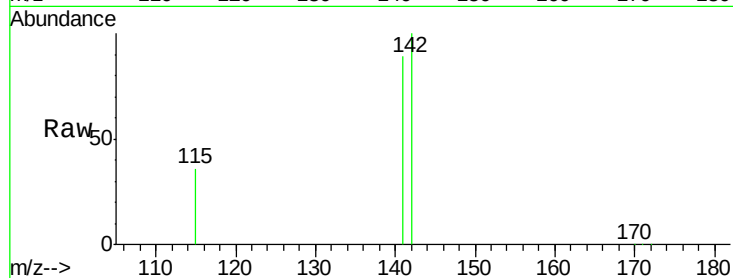




#11
2-Methylnaphthalene
Concen: 3.75 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090601.D
Acq: 24 Aug 2015 15:09

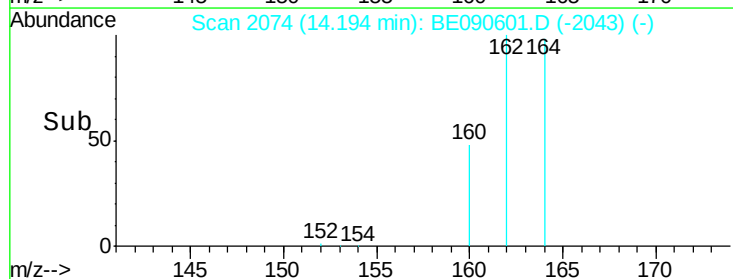
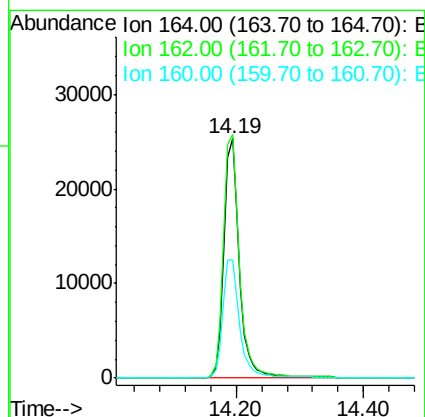
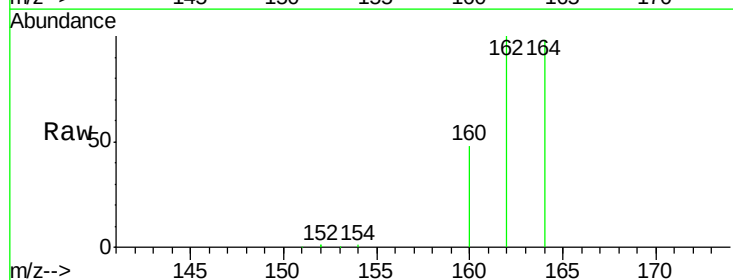
Instrument :
BNA_E
ClientSampled :
IDOC-S-04

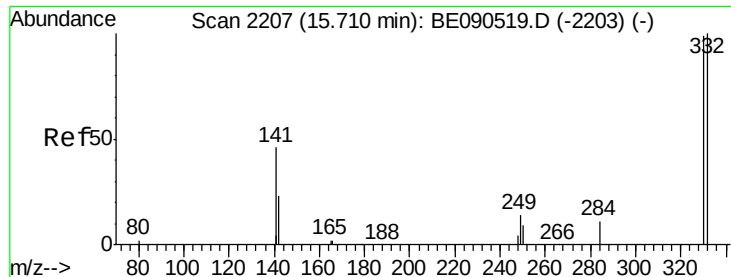
Tgt Ion:142 Resp: 40760
Ion Ratio Lower Upper
142 100
141 89.1 72.6 109.0
115 36.2 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090601.D
Acq: 24 Aug 2015 15:09

Tgt Ion:164 Resp: 42279
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 49.2 44.2 66.4

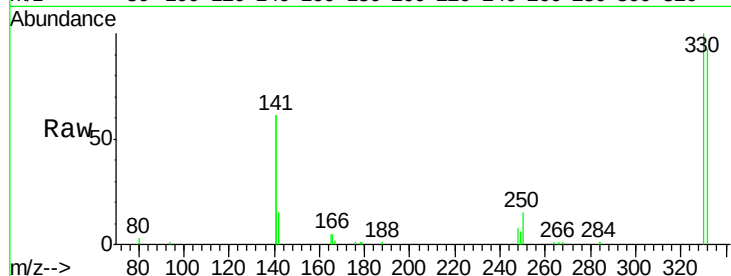




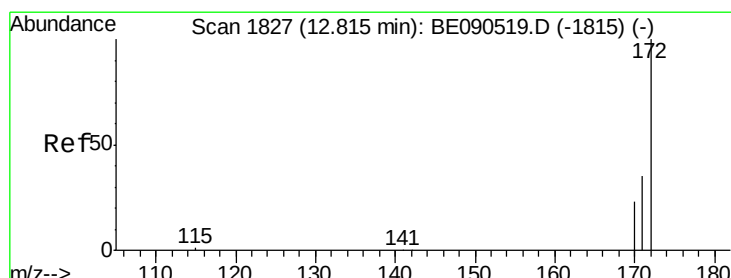
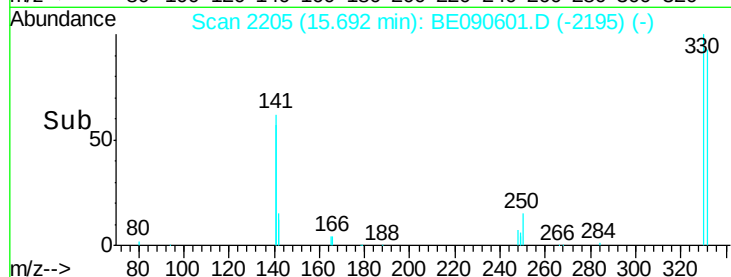
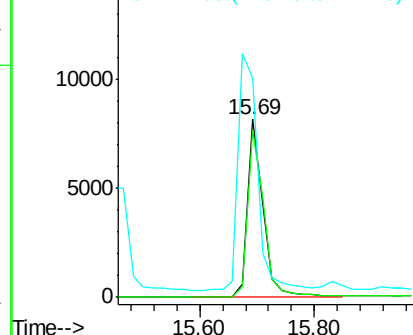
#13
 2,4,6-Tribromophenol
 Concen: 9.29 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090601.D
 Acq: 24 Aug 2015 15:09

Instrument :
 BNA_E
 ClientSampled :
 IDOC-S-04

Tgt Ion: 330 Resp: 15114
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 165.8 114.4 171.6

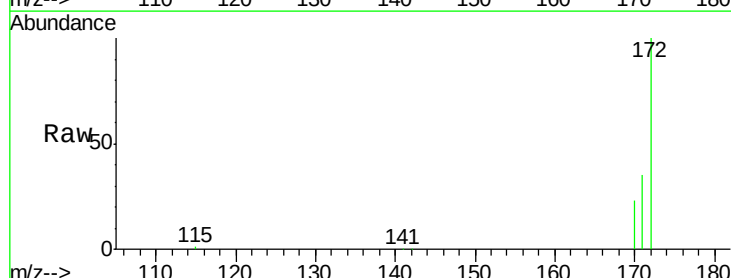


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

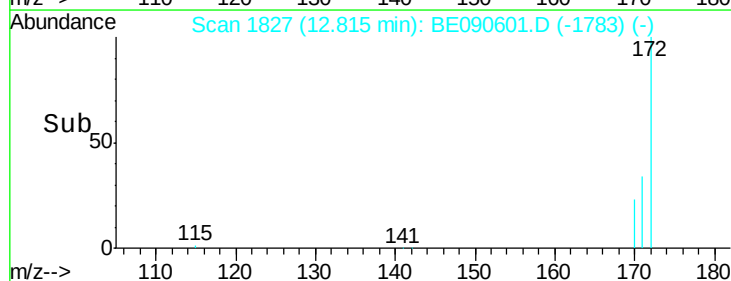
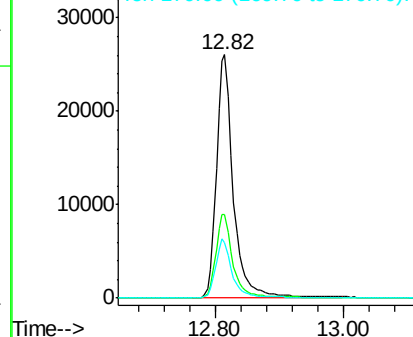


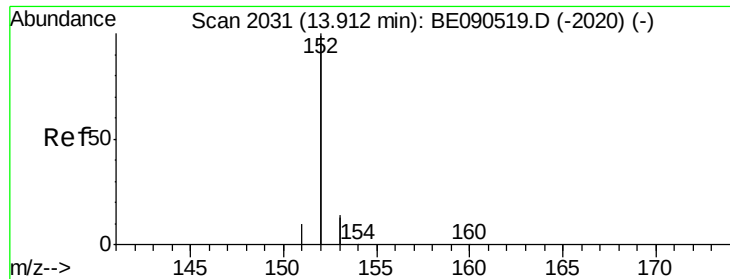
#14
 2-Fluorobiphenyl
 Concen: 3.74 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090601.D
 Acq: 24 Aug 2015 15:09

Tgt Ion: 172 Resp: 47204
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 22.8 19.8 29.8



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: 3.68 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

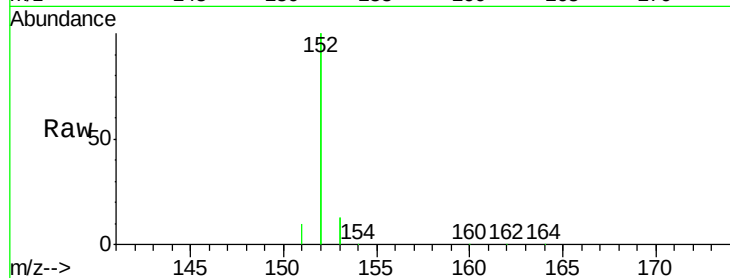
Tgt Ion:152 Resp: 284028

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

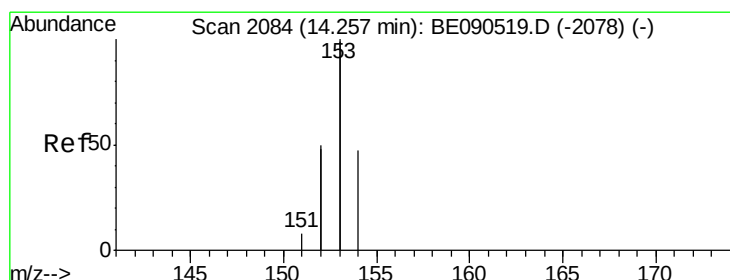
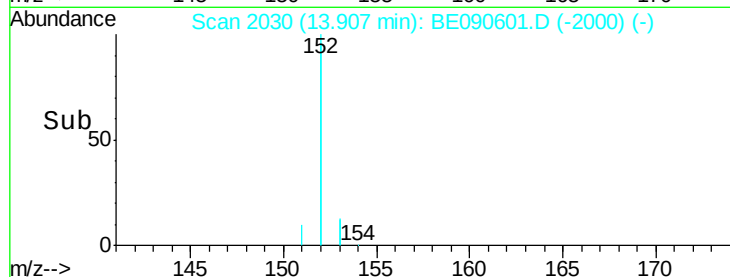
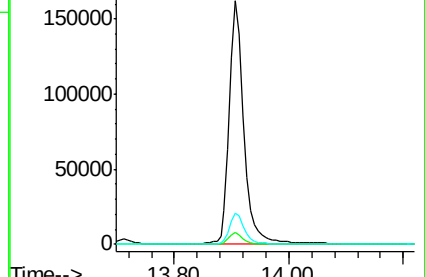
153 13.1 10.3 15.5



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: 3.63 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

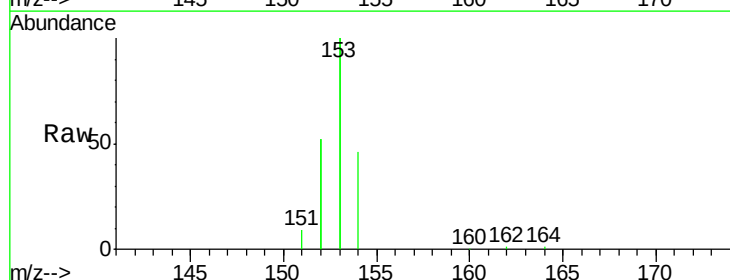
Tgt Ion:154 Resp: 42206

Ion Ratio Lower Upper

154 100

153 448.8 376.2 564.2

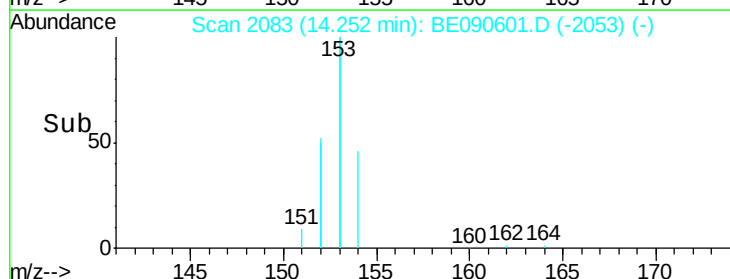
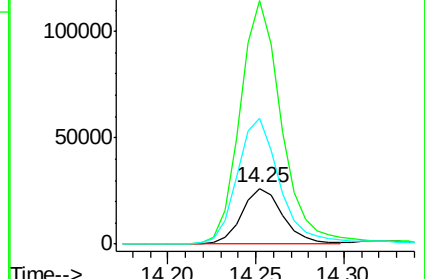
152 234.3 235.0 352.4#

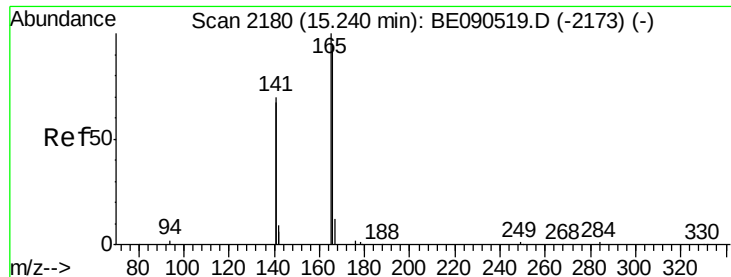


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

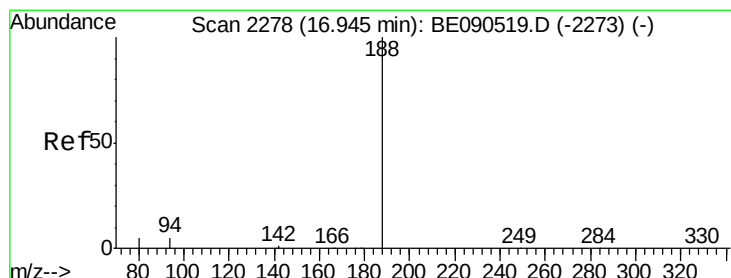
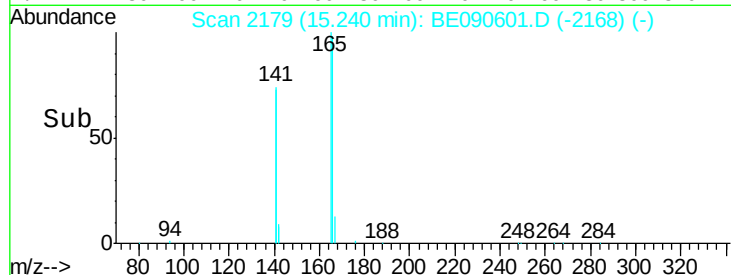
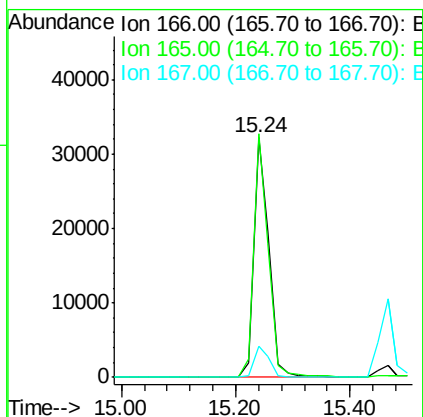
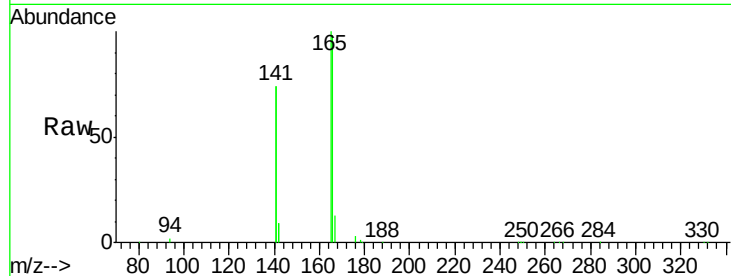




#17
Fluorene
Concen: 4.14 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090601.D
Acq: 24 Aug 2015 15:09

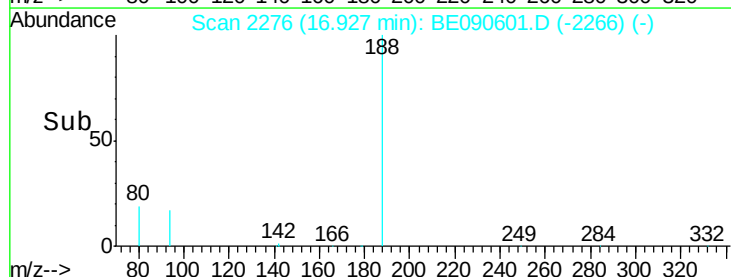
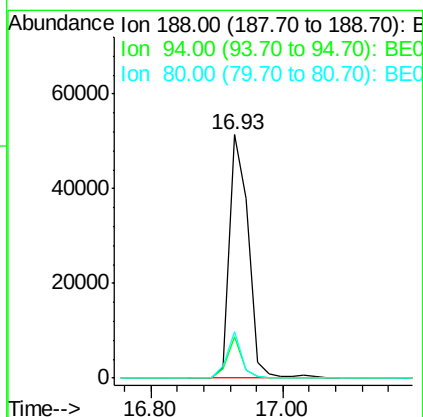
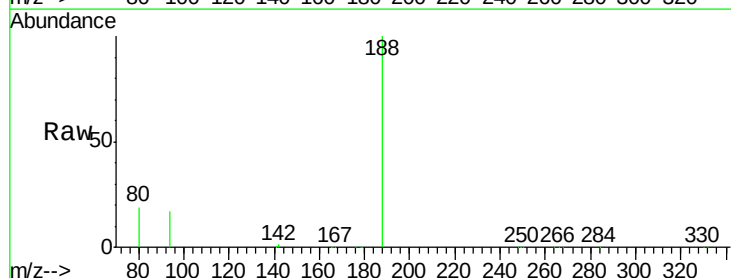
Instrument :
BNA_E
ClientSampleId :
IDOC-S-04

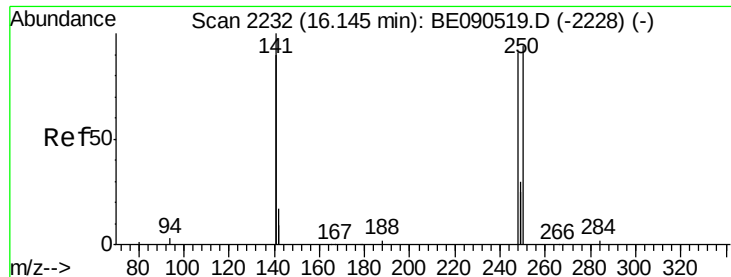
Tgt Ion:166 Resp: 58975
Ion Ratio Lower Upper
166 100
165 98.7 81.5 122.3
167 13.5 11.4 17.0



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE090601.D
Acq: 24 Aug 2015 15:09

Tgt Ion:188 Resp: 101506
Ion Ratio Lower Upper
188 100
94 17.2 5.7 8.5#
80 19.1 5.8 8.8#

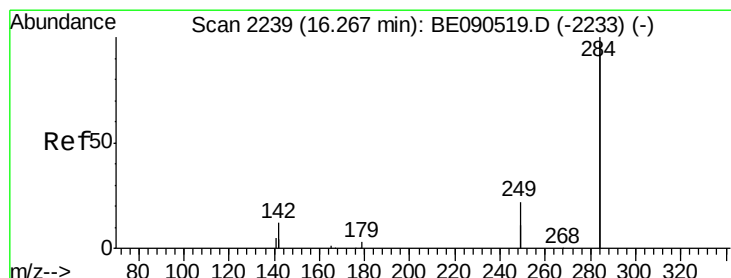
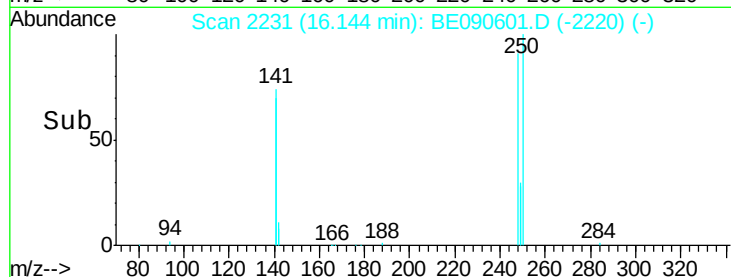
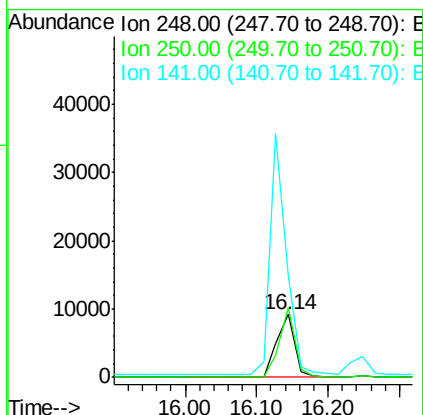
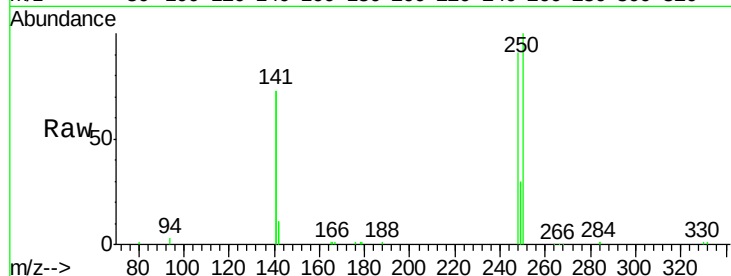




#19
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090601.D
Acq: 24 Aug 2015 15:09

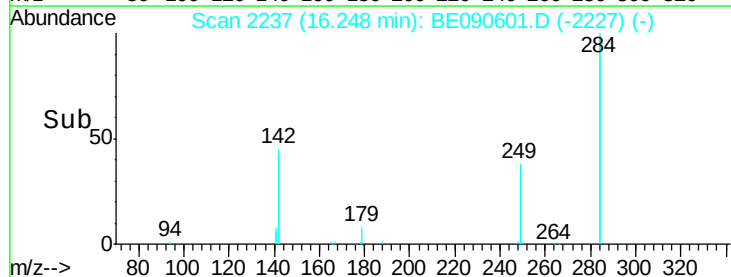
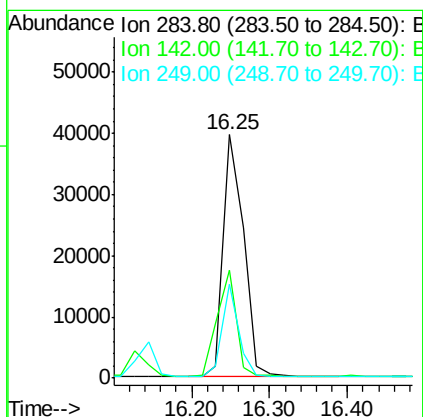
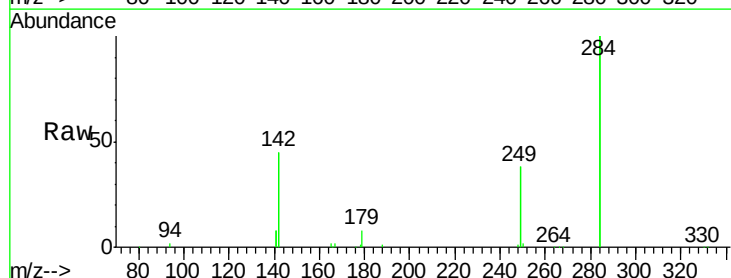
Instrument :
BNA_E
ClientSampleId :
IDOC-S-04

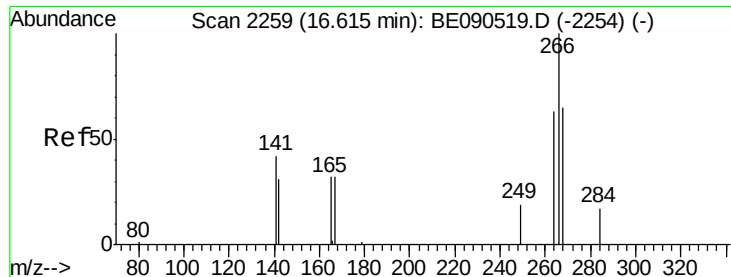
Tgt Ion:248 Resp: 15834
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 354.1 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.91 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090601.D
Acq: 24 Aug 2015 15:09

Tgt Ion:284 Resp: 71944
Ion Ratio Lower Upper
284 100
142 40.8 30.1 45.1
249 30.8 25.7 38.5

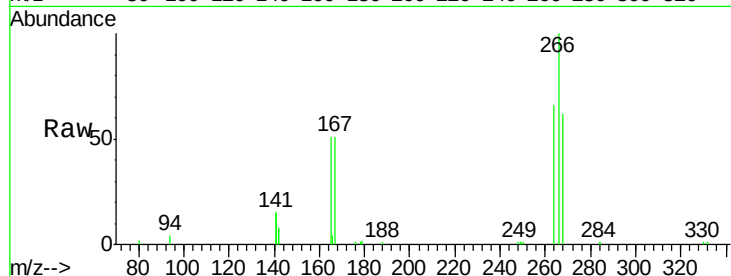




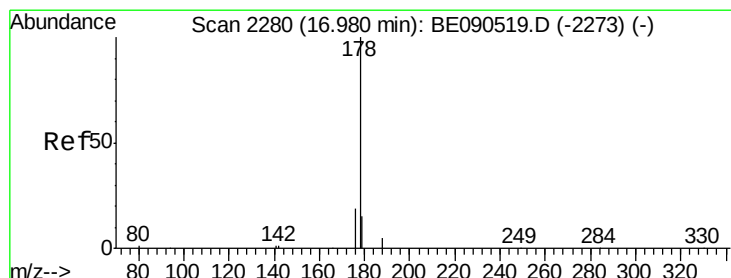
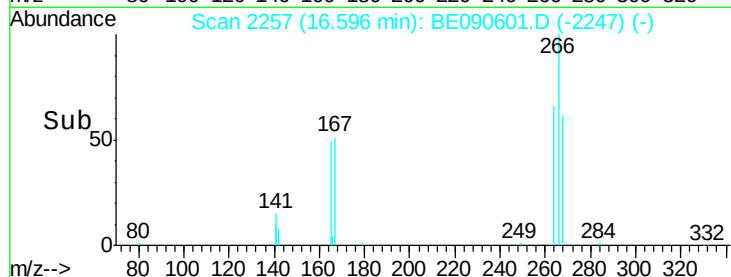
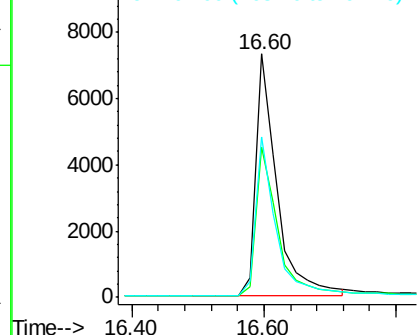
#21
 Pentachlorophenol
 Concen: 7.16 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090601.D
 Acq: 24 Aug 2015 15:09

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-04

Tgt Ion:266 Resp: 16070
 Ion Ratio Lower Upper
 266 100
 268 61.5 58.5 87.7
 264 65.8 56.0 84.0

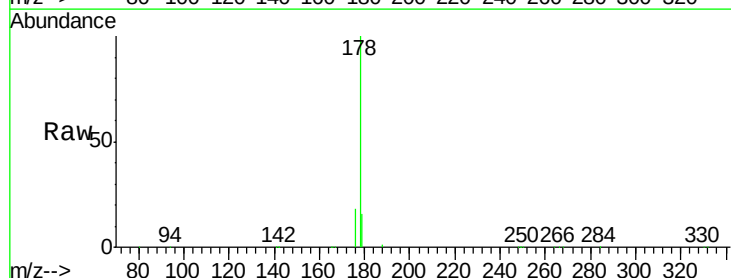


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

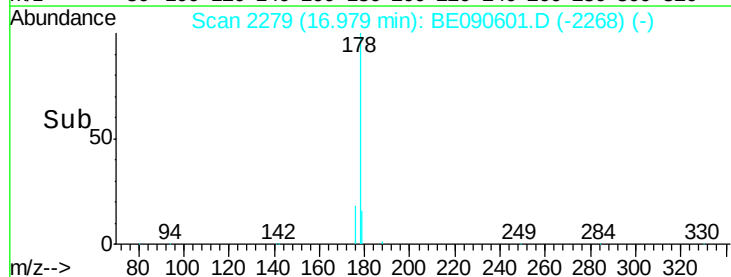
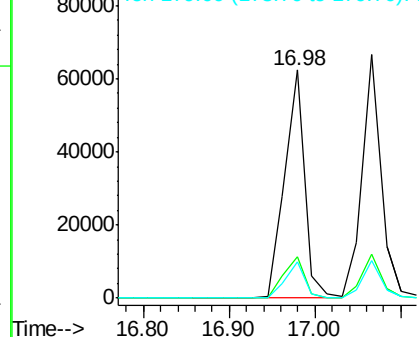


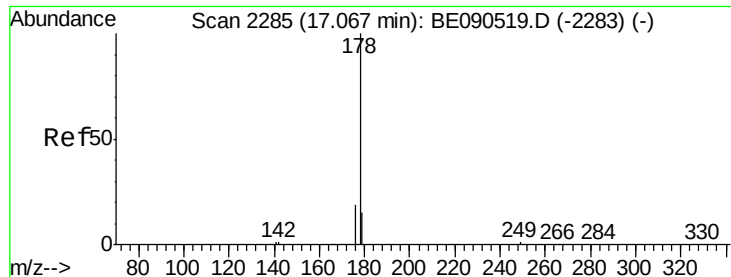
#22
 Phenanthrene
 Concen: 3.85 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090601.D
 Acq: 24 Aug 2015 15:09

Tgt Ion:178 Resp: 102448
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 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: 4.18 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

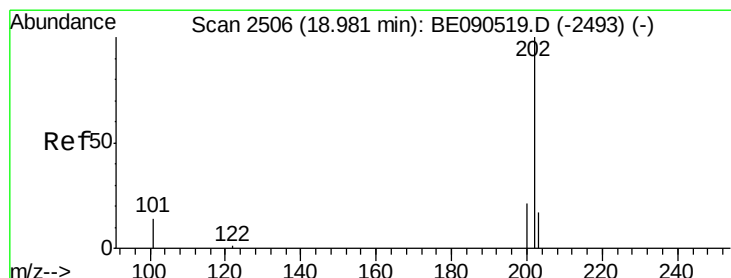
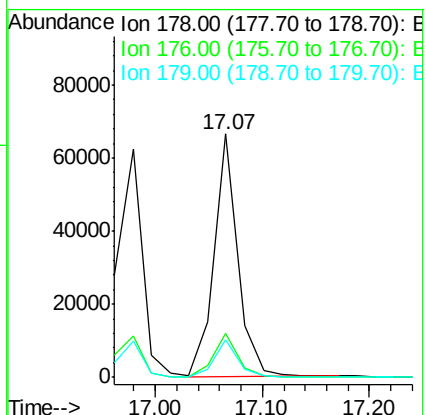
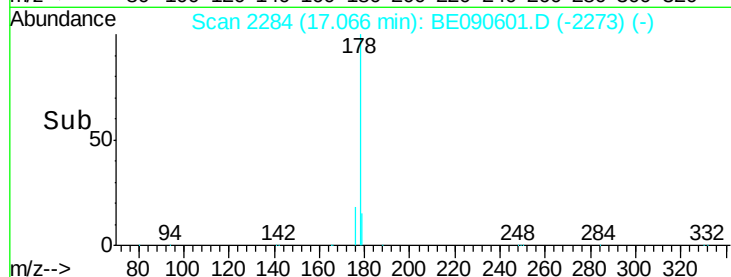
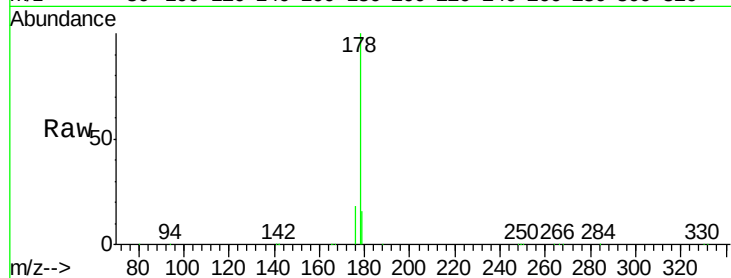
Tgt Ion:178 Resp: 102572

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 4.33 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

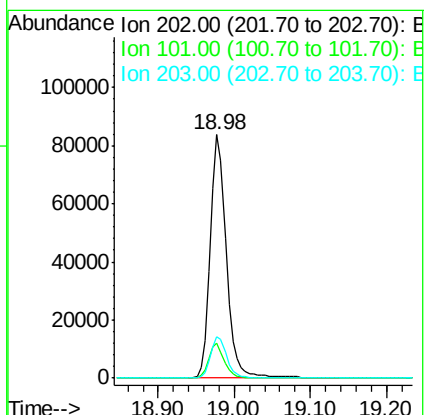
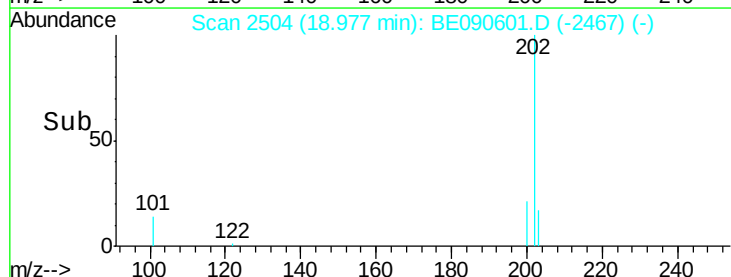
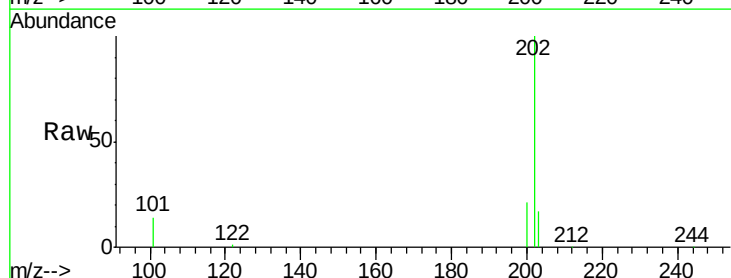
Tgt Ion:202 Resp: 122800

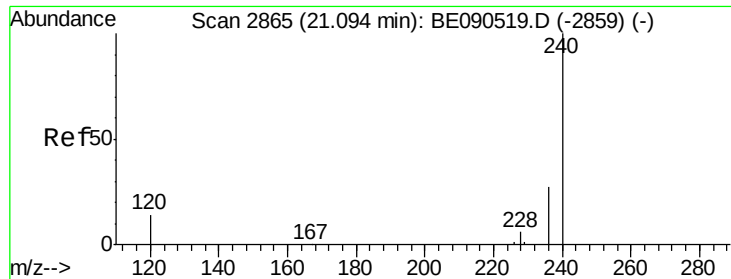
Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

203 17.1 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampled :

IDOC-S-04

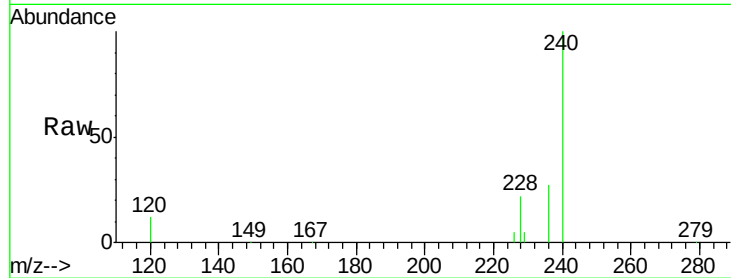
Tgt Ion:240 Resp: 121612

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

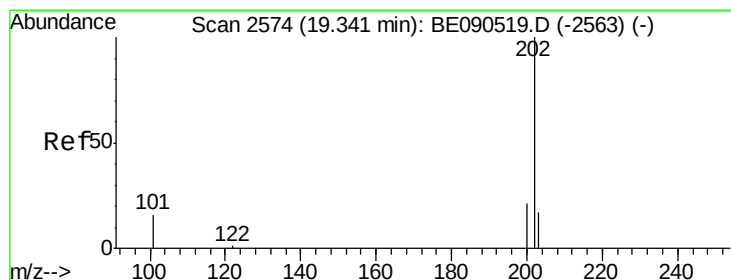
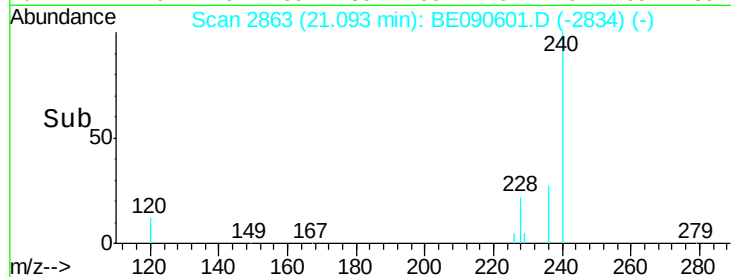
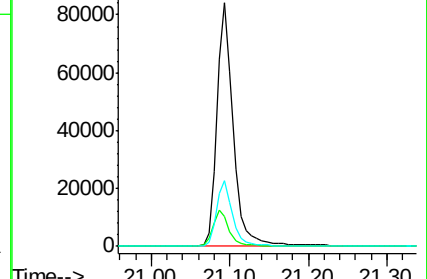
236 26.9 21.0 31.4



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: 3.81 ng

RT: 19.34 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

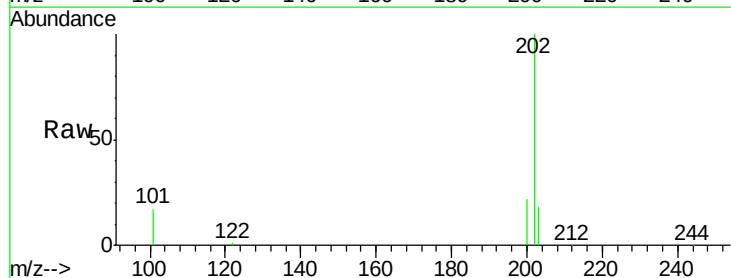
Tgt Ion:202 Resp: 132642

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

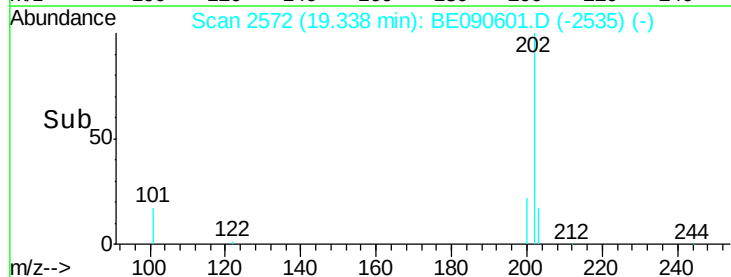
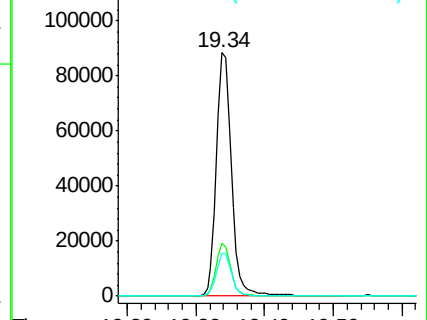
203 17.9 13.8 20.8

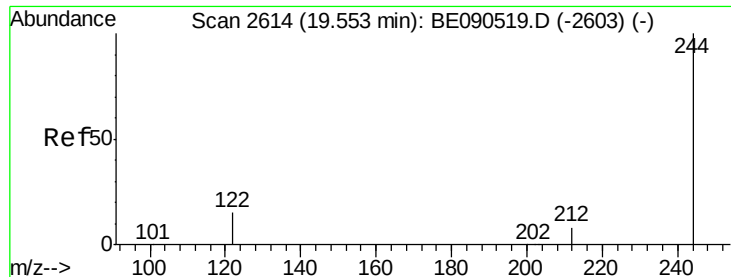


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

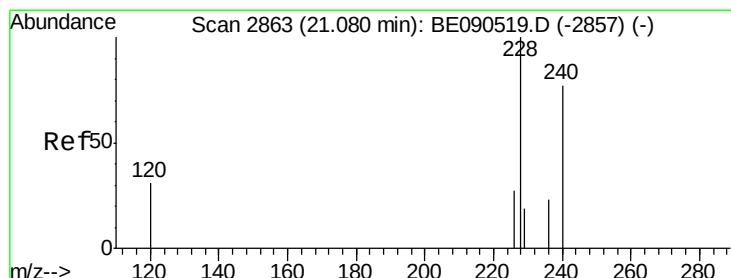
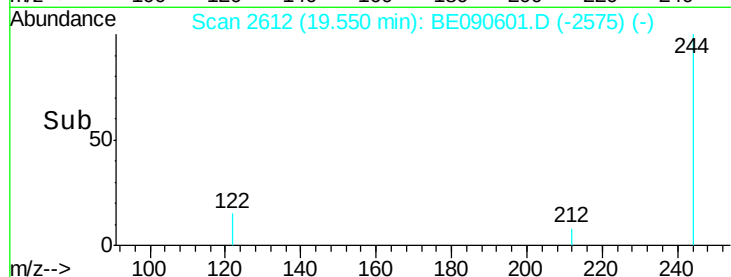
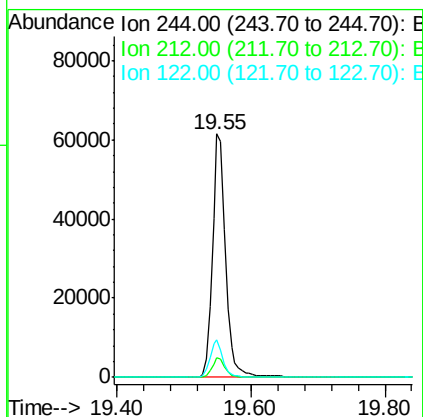
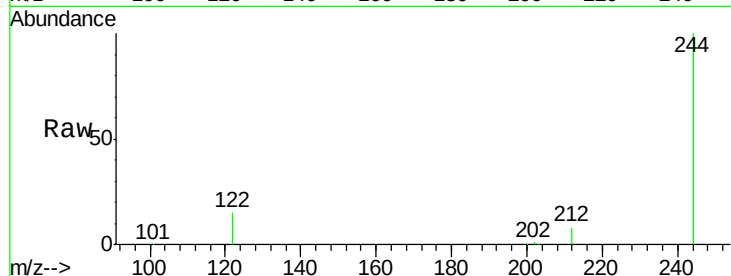




#27
 Terphenyl-d14
 Concen: 3.73 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090601.D
 Acq: 24 Aug 2015 15:09

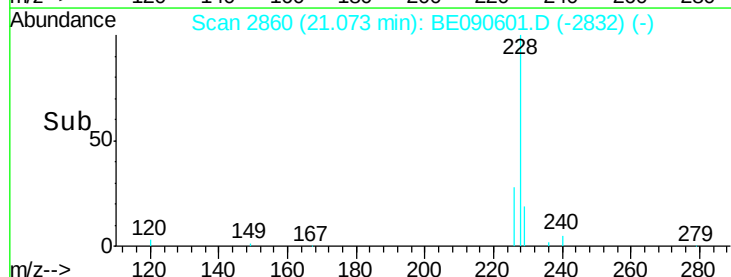
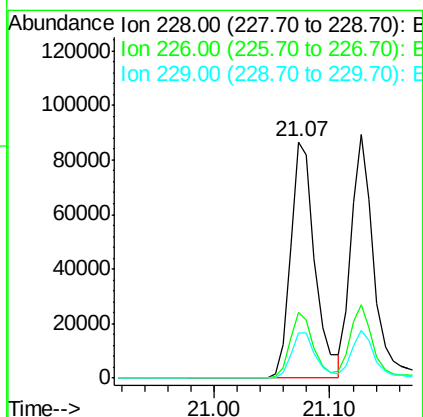
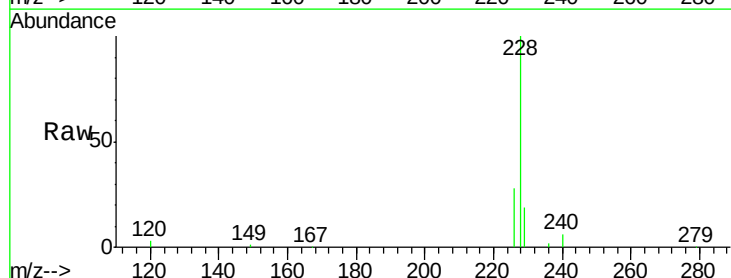
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-04

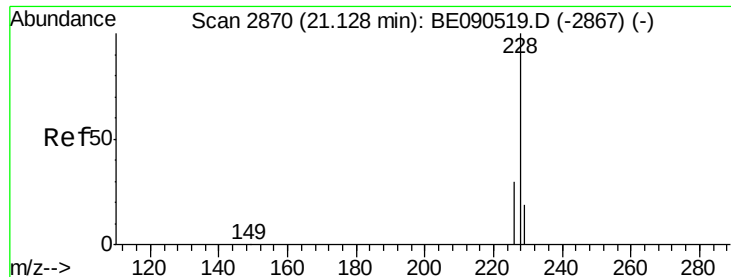
Tgt Ion:244 Resp: 83076
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 15.4 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 3.94 ng
 RT: 21.07 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BE090601.D
 Acq: 24 Aug 2015 15:09

Tgt Ion:228 Resp: 125960
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.9 32.9
 229 18.9 15.4 23.0





#29

Chrysene

Concen: 3.82 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

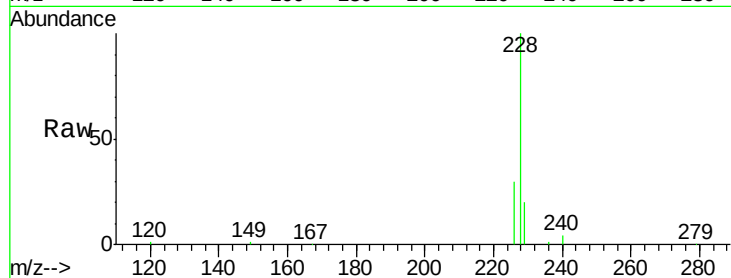
Tgt Ion:228 Resp: 124769

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

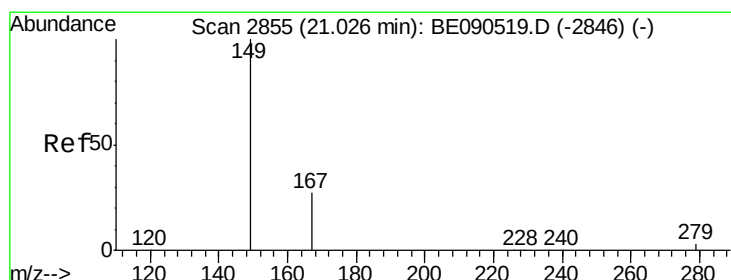
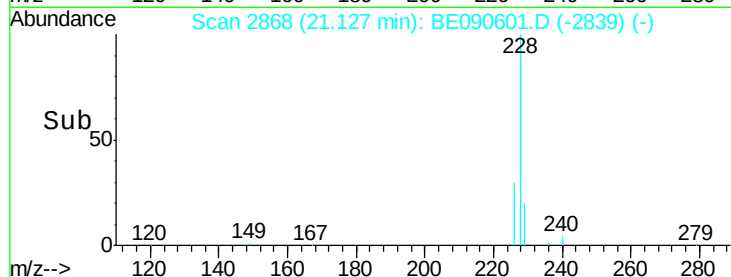
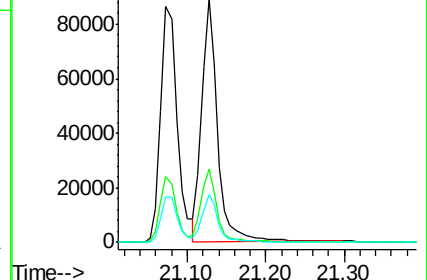
229 19.6 15.8 23.8



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: 3.38 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

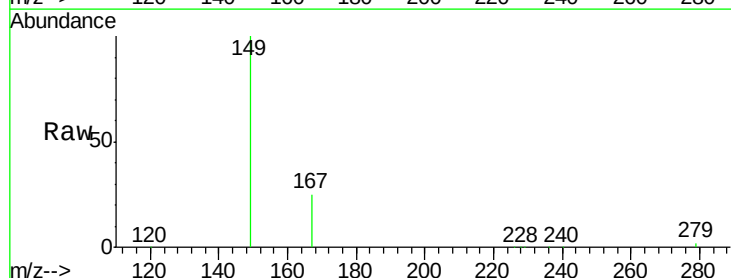
Tgt Ion:149 Resp: 63676

Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

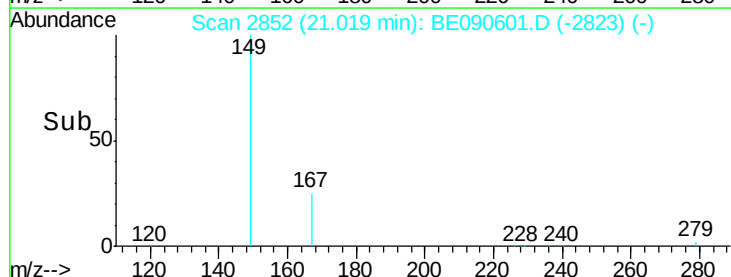
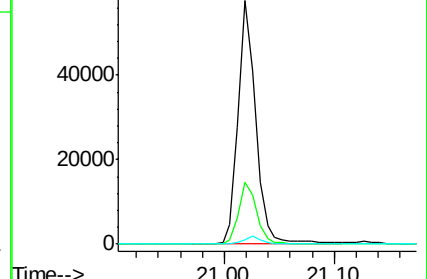
279 2.9 2.4 3.6

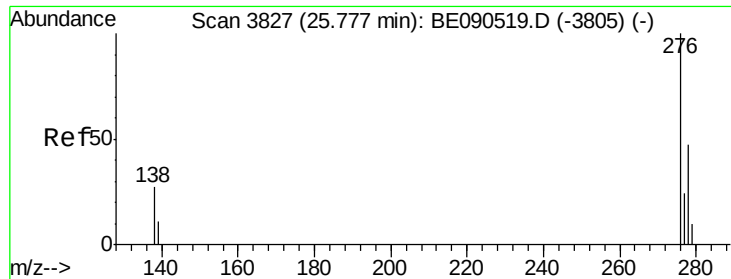


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.81 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

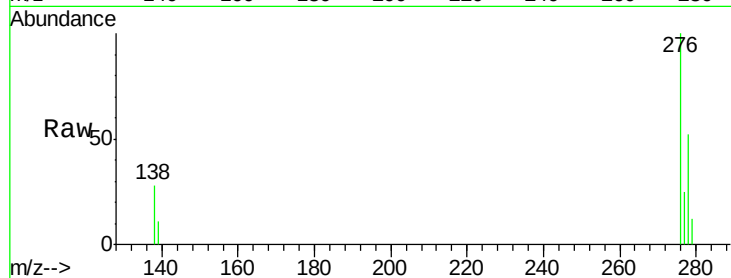
Tgt Ion:276 Resp: 117360

Ion Ratio Lower Upper

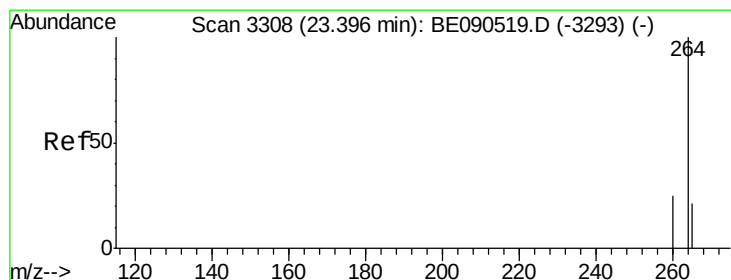
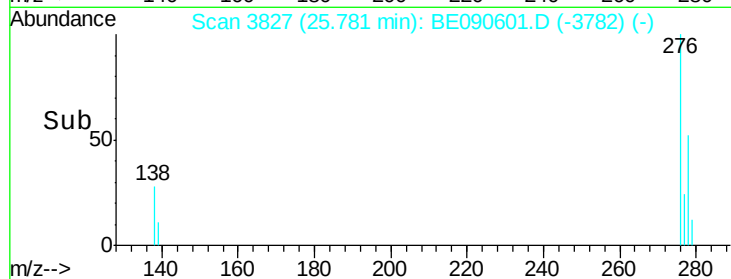
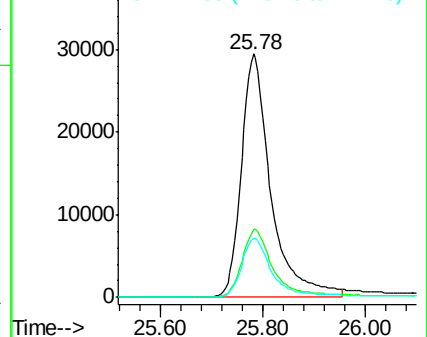
276 100

138 29.2 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: BE090601.D

Acq: 24 Aug 2015 15:09

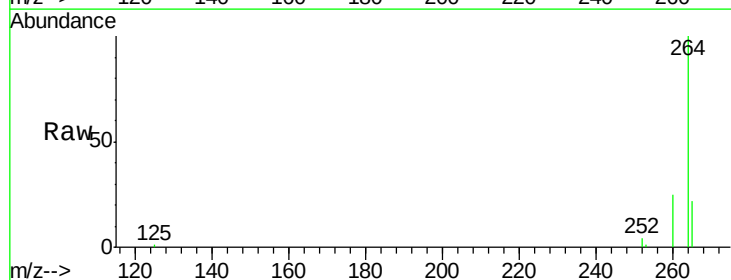
Tgt Ion:264 Resp: 105260

Ion Ratio Lower Upper

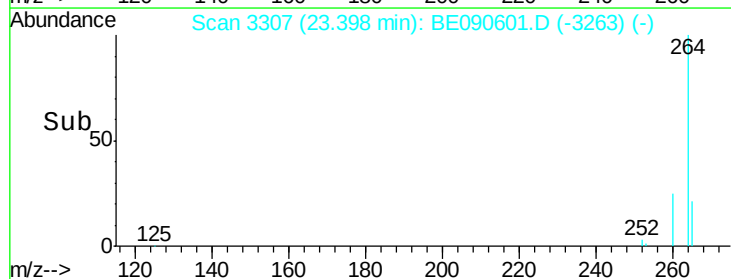
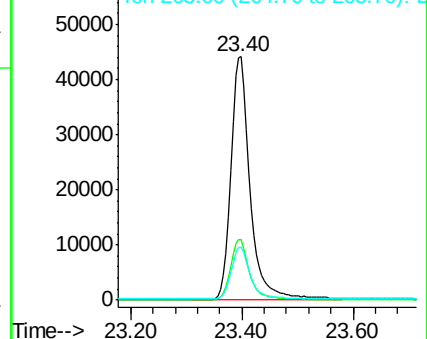
264 100

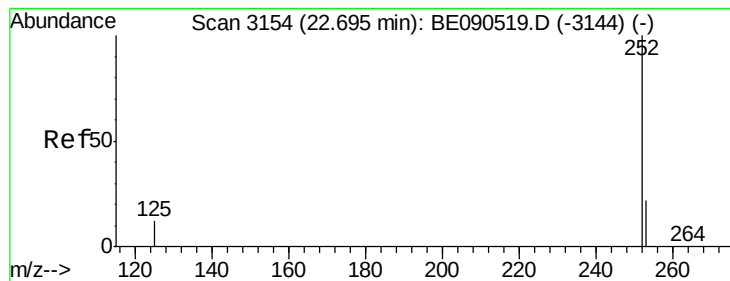
260 24.9 20.1 30.1

265 21.8 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: 4.25 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

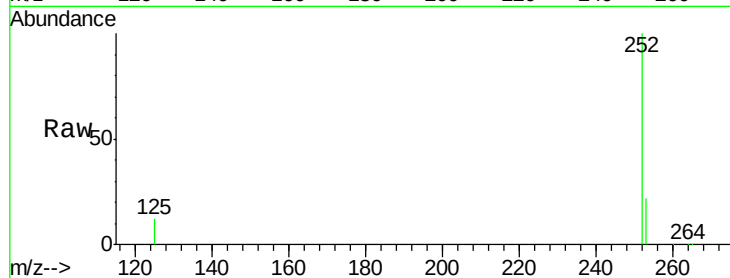
Tgt Ion:252 Resp: 105841

Ion Ratio Lower Upper

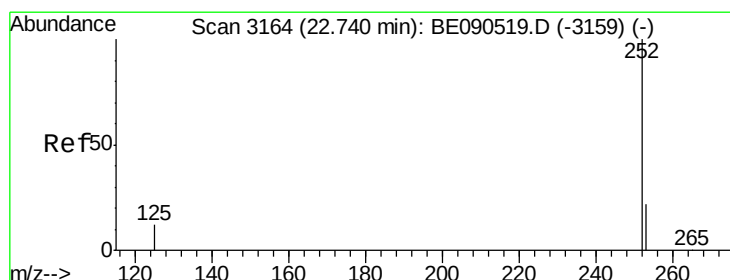
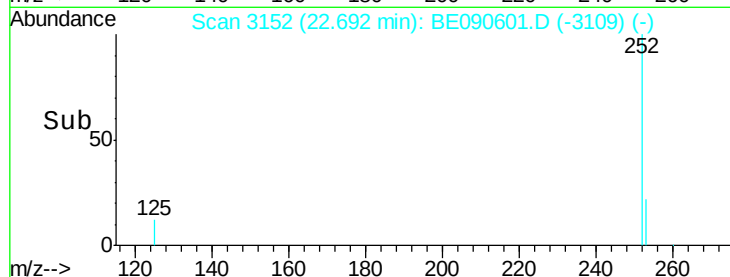
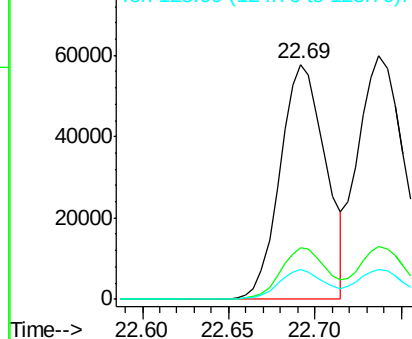
252 100

253 22.0 18.1 27.1

125 12.5 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: 4.43 ng

RT: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

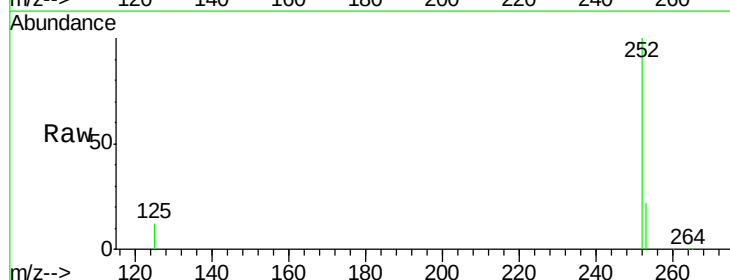
Tgt Ion:252 Resp: 125184

Ion Ratio Lower Upper

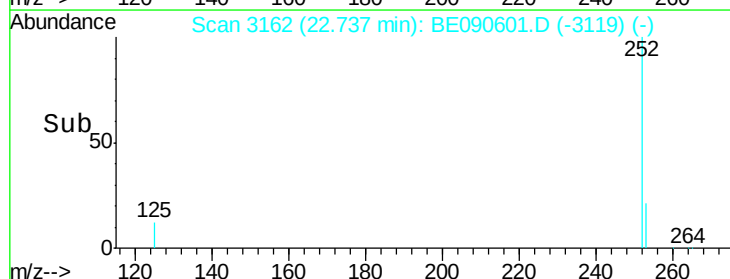
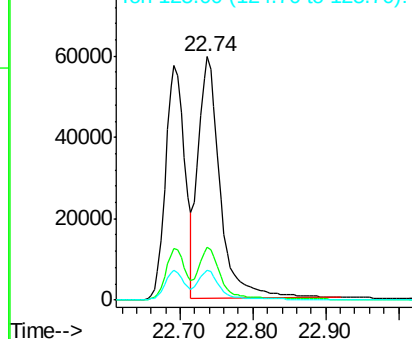
252 100

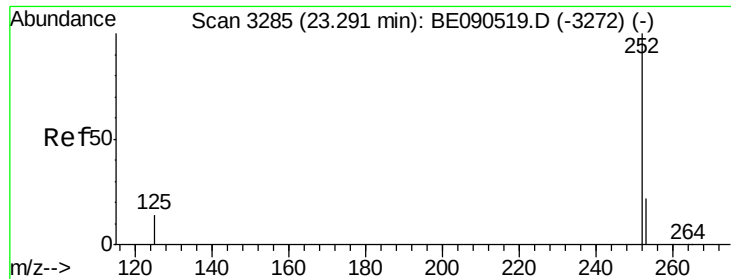
253 21.5 18.1 27.1

125 12.5 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: 4.61 ng

RT: 23.29 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

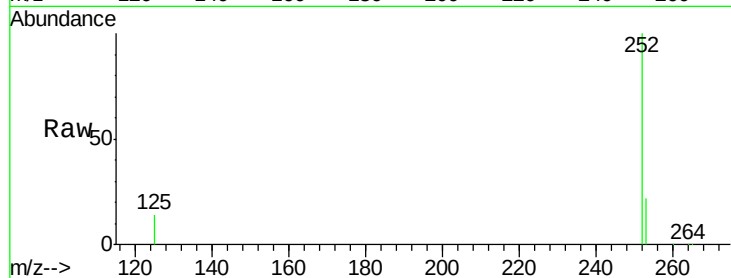
Tgt Ion:252 Resp: 107454

Ion Ratio Lower Upper

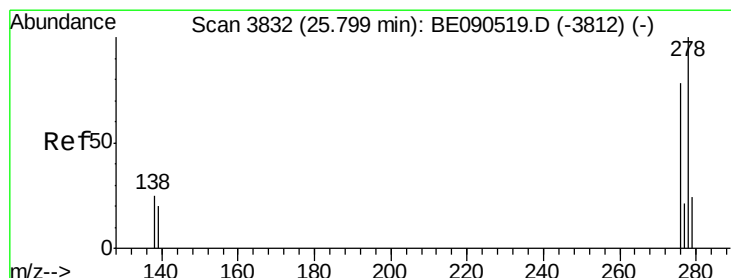
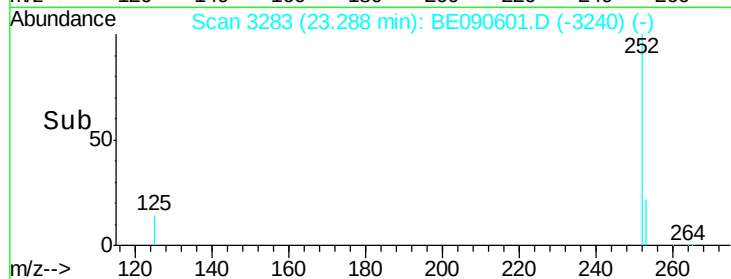
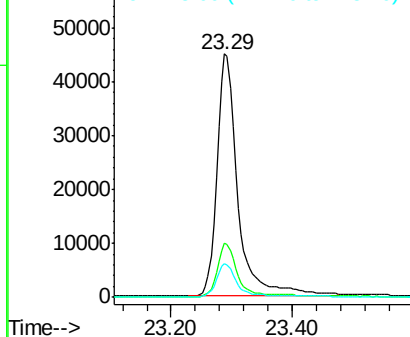
252 100

253 22.0 17.6 26.4

125 13.9 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: 4.17 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

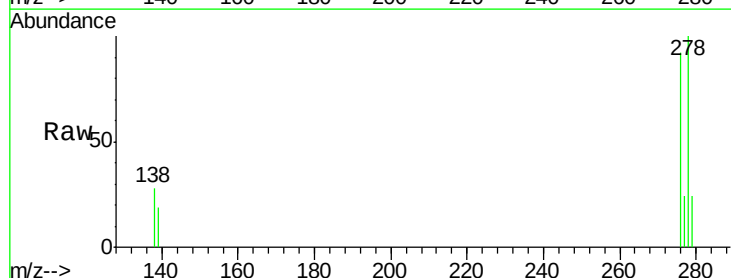
Tgt Ion:278 Resp: 93726

Ion Ratio Lower Upper

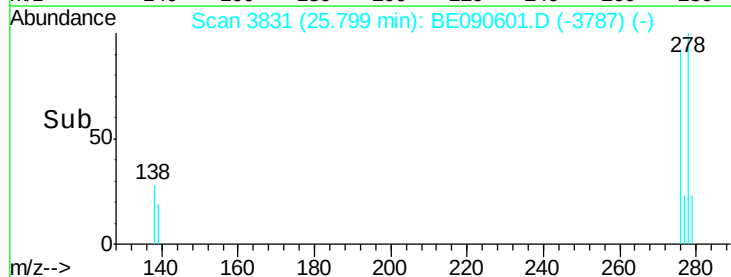
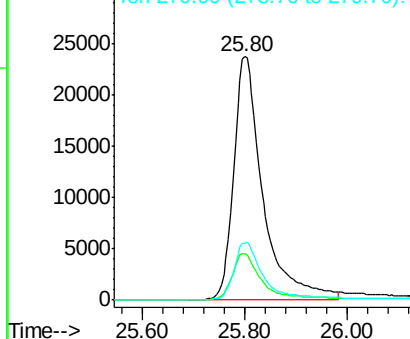
278 100

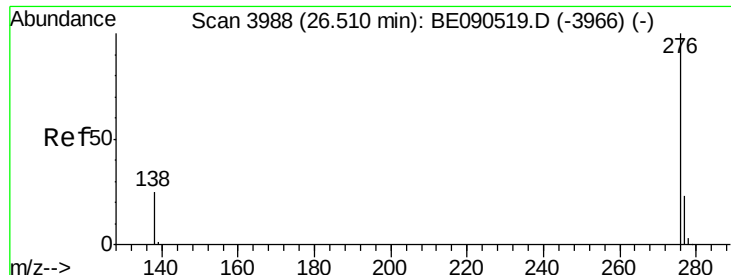
139 19.3 14.2 21.4

279 23.5 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: 4.23 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090601.D

Acq: 24 Aug 2015 15:09

Instrument :

BNA_E

ClientSampleId :

IDOC-S-04

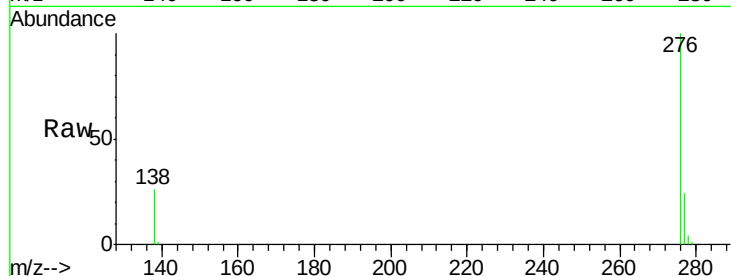
Tgt Ion: 276 Resp: 104048

Ion Ratio Lower Upper

276 100

277 23.6 20.1 30.1

138 25.5 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

