

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072716\
 Data File : BE092050.D
 Acq On : 27 Jul 2016 10:45
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 27 13:36:07 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 12:50:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	10305	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	45000	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	20127	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	64503	5.00	ng	0.01
31) Chrysene-d12	21.76	240	69977	5.00	ng	0.00
40) Perylene-d12	24.15	264	70265	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	415	0.19	ng	0.00
5) Phenol-d6	7.37	99	624	0.20	ng	0.02
9) Nitrobenzene-d5	9.37	82	769	0.21	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	114	0.18	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	1665	0.20	ng	0.01
34) Terphenyl-d14	20.22	244	2391	0.16	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	302	0.18	ng	94
3) n-Nitrosodimethylamine	3.82	42	285	0.18	ng	# 97
6) bis(2-Chloroethyl)ether	7.61	93	560	0.20	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	444	0.20	ng	# 93
10) Nitrobenzene	9.40	77	551	0.19	ng	98
11) bis(2-Chloroethoxy)methane	10.45	93	1025	0.31	ng	# 71
12) Naphthalene	11.04	128	2076	0.20	ng	95
13) Hexachlorobutadiene	11.32	225	310	0.19	ng	# 95
14) 2-Methylnaphthalene	12.68	142	1264	0.20	ng	# 90
18) Acenaphthylene	14.56	152	9638	0.19	ng	99
19) 2,6-Dinitrotoluene	14.44	165	915	0.19	ng	# 100
20) Acenaphthene	14.92	154	1152	0.19	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	3815	0.93	ng	# 1
22) Fluorene	15.90	166	1704	0.19	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	869	0.19	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	532	0.19	ng	98
26) Hexachlorobenzene	16.90	284	568	0.20	ng	99
27) Pentachlorophenol	17.26	266	79	0.18	ng	88
28) Phenanthrene	17.63	178	3401	0.19	ng	99
29) Anthracene	17.72	178	2861	0.19	ng	100
30) Fluoranthene	19.63	202	13492	0.18	ng	# 67
32) Benzidine	19.83	184	501	0.21	ng	# 80
33) Pyrene	19.99	202	15121	0.18	ng	100
35) Benzo(a)anthracene	21.79	228	13676	0.32	ng	97
36) 3,3'-Dichlorobenzidine	21.67	252	694	0.19	ng	# 92
37) Chrysene	21.79	228	13905	0.29	ng	99
38) Bis(2-ethylhexyl)phthalate	21.64	149	11042	0.13	ng	# 99
39) Indeno(1,2,3-cd)pyrene	26.67	276	14301	0.19	ng	100
41) Benzo(b)fluoranthene	23.42	252	5110	0.15	ng	95
42) Benzo(k)fluoranthene	23.47	252	4565	0.14	ng	98
43) Benzo(a)pyrene	24.05	252	3639	0.16	ng	96
44) Dibenzo(a,h)anthracene	26.70	278	2860	0.19	ng	97
45) Benzo(g,h,i)perylene	27.45	276	12327	0.19	ng	95

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jul 27 13:36:07 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration

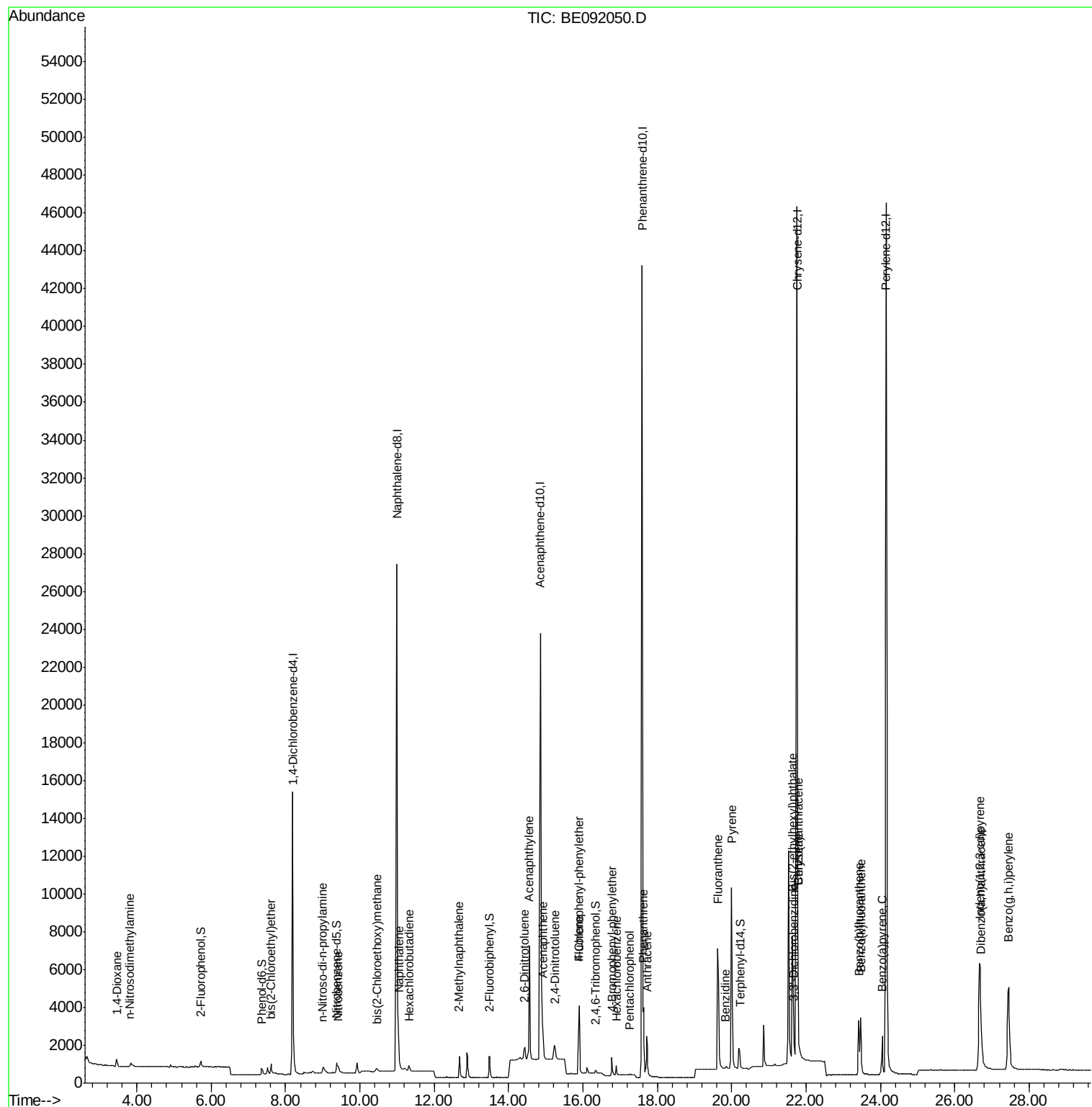
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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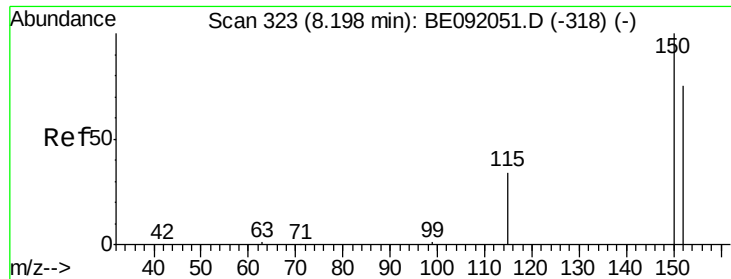
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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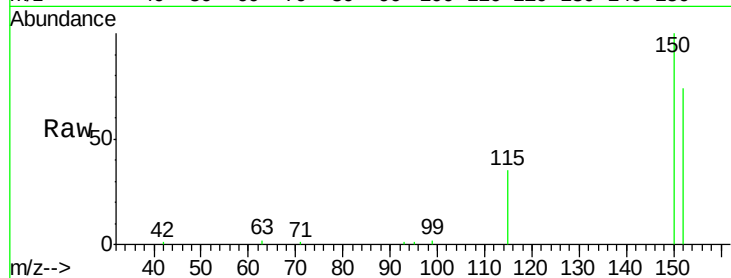


#1

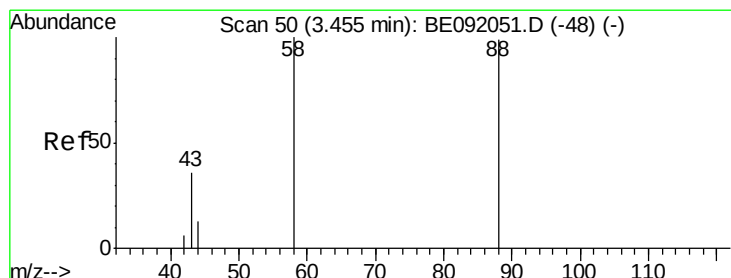
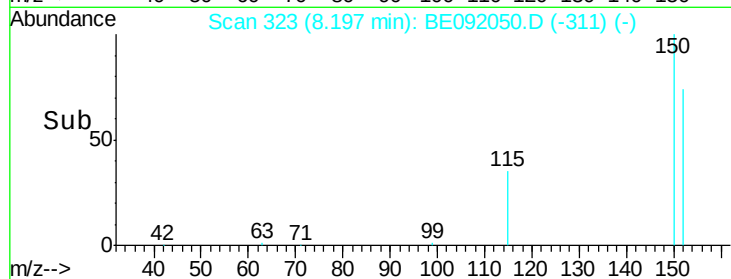
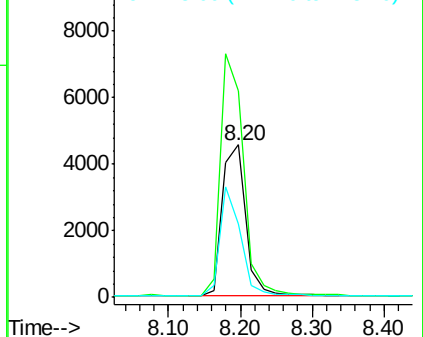
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 152 Resp: 10305
Ion Ratio Lower Upper
152 100
150 135.3 106.0 159.0
115 48.0 36.9 55.3



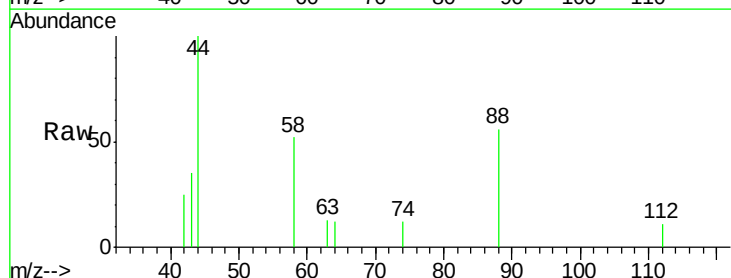
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



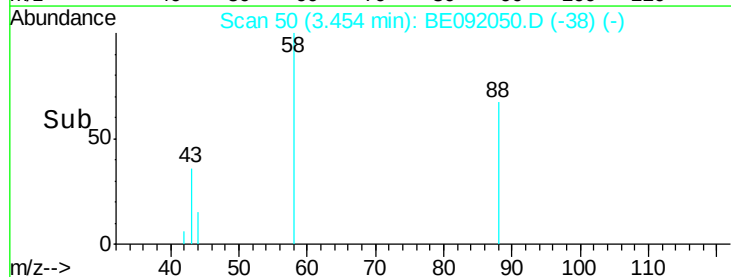
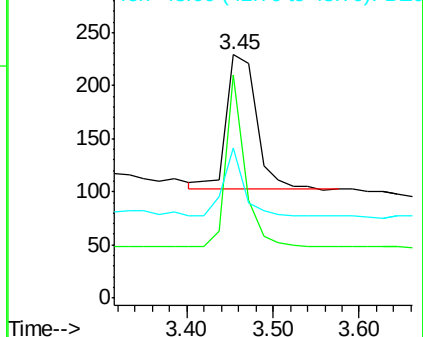
#2

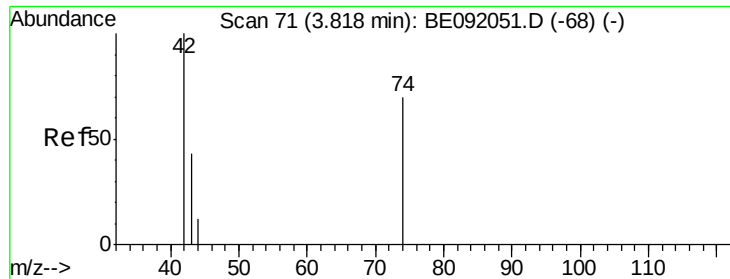
1,4-Dioxane
Concen: 0.18 ng
RT: 3.45 min Scan# 50
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion: 88 Resp: 302
Ion Ratio Lower Upper
88 100
58 83.4 62.1 93.1
43 35.8 27.2 40.8



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: 0.18 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

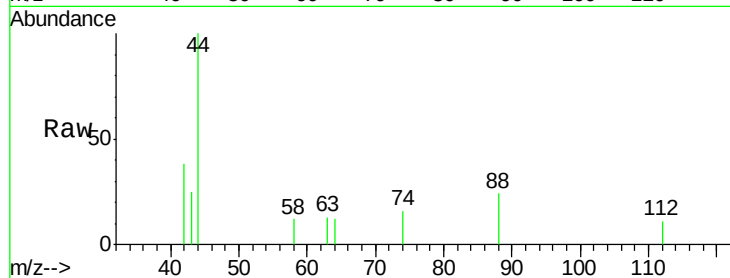
Tgt Ion: 42 Resp: 285

Ion Ratio Lower Upper

42 100

74 101.4 82.8 124.2

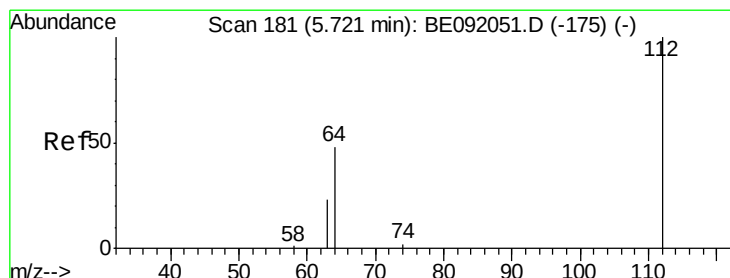
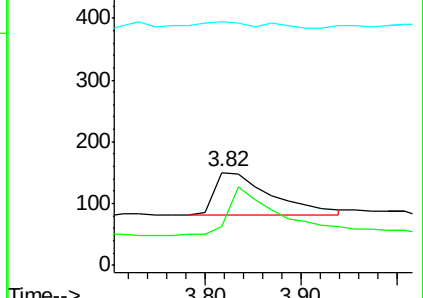
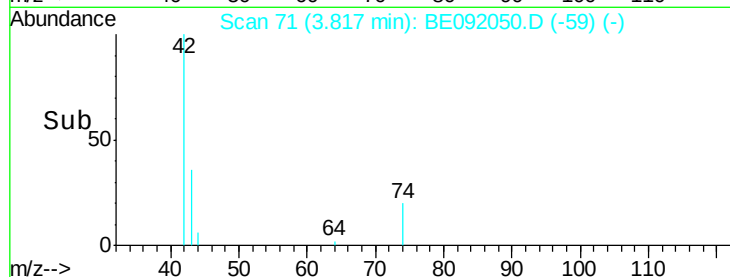
44 15.4 9.0 13.4#



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: 0.19 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

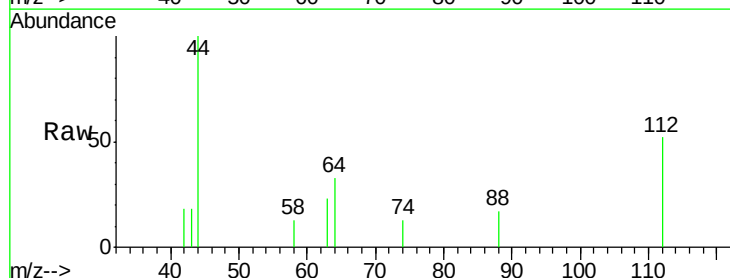
Tgt Ion: 112 Resp: 415

Ion Ratio Lower Upper

112 100

64 68.7 55.9 83.9

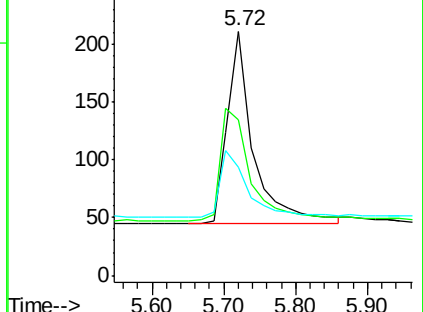
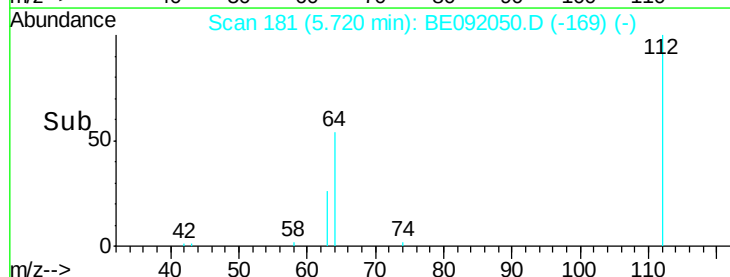
63 36.4 31.1 46.7

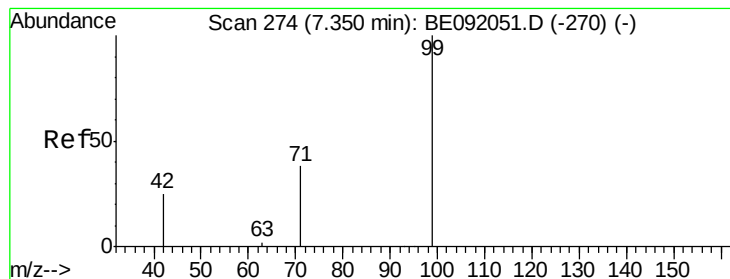


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.20 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

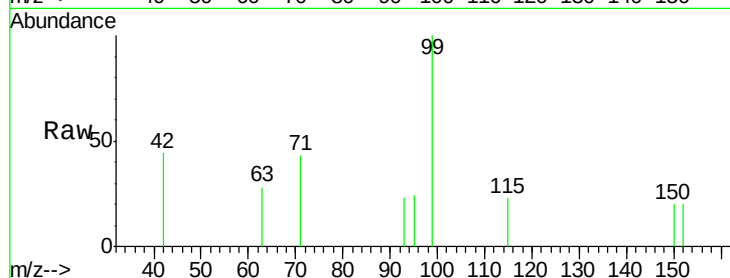
Tgt Ion: 99 Resp: 624

Ion Ratio Lower Upper

99 100

42 25.5 22.4 33.6

71 35.7 28.9 43.3



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

7.37

250

200

150

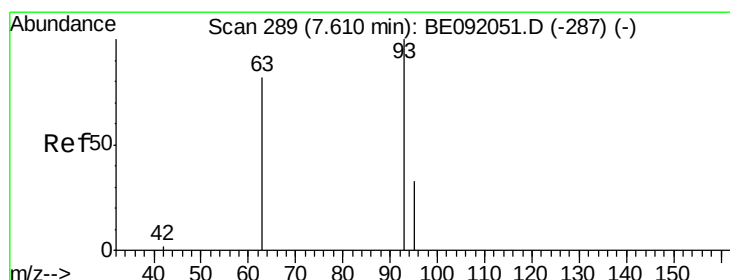
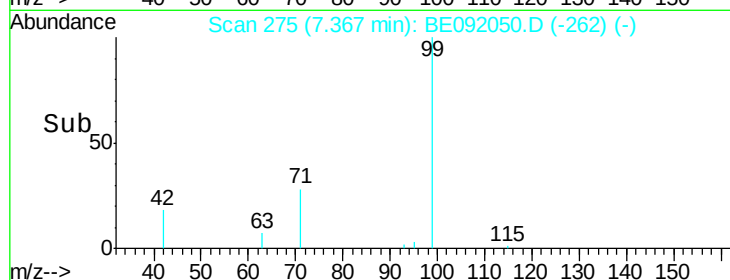
100

50

0

7.30 7.40 7.50

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.20 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

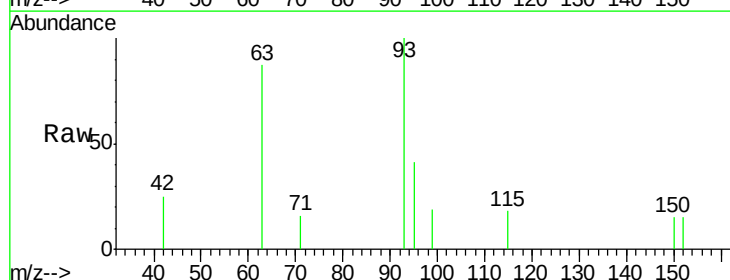
Tgt Ion: 93 Resp: 560

Ion Ratio Lower Upper

93 100

63 83.9 64.4 96.6

95 33.4 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.61

500

400

300

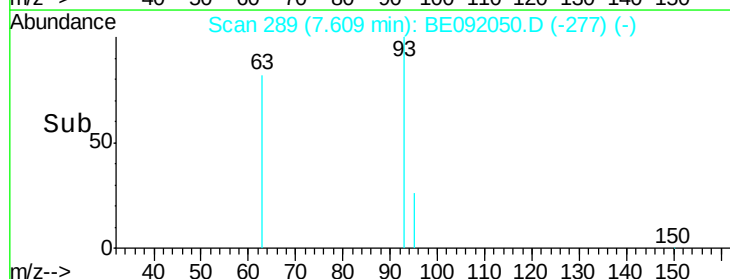
200

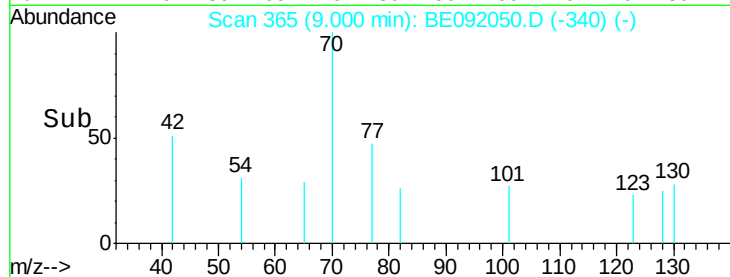
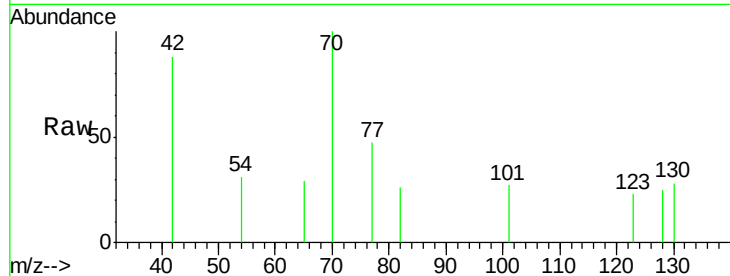
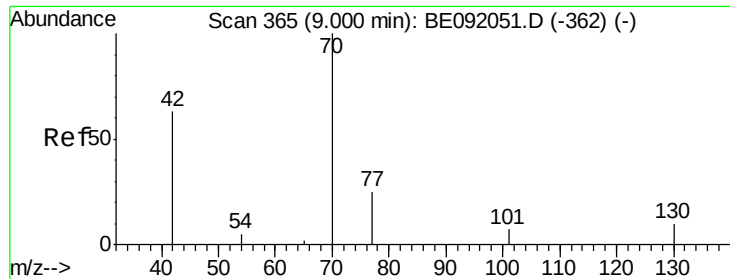
100

0

7.50 7.60 7.70 7.80

Time-->





#7

n-Nitroso-di-n-propylamine

Concen: 0.20 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion: 70 Resp: 444

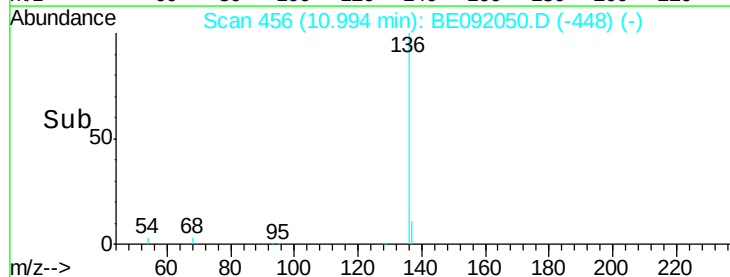
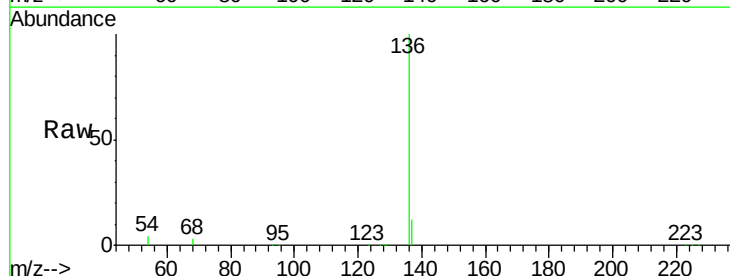
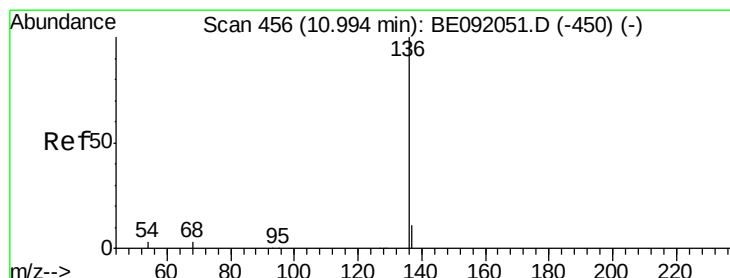
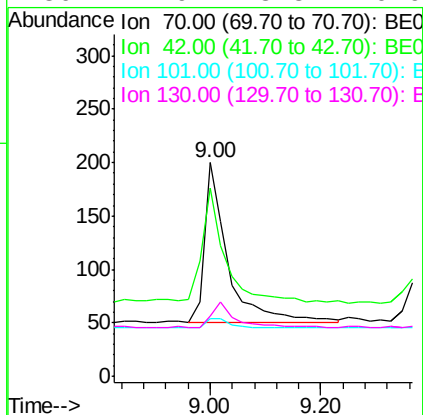
Ion Ratio Lower Upper

70 100

42 70.3 60.2 90.4

101 0.0 6.8 10.2#

130 14.9 13.3 19.9



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion: 136 Resp: 45000

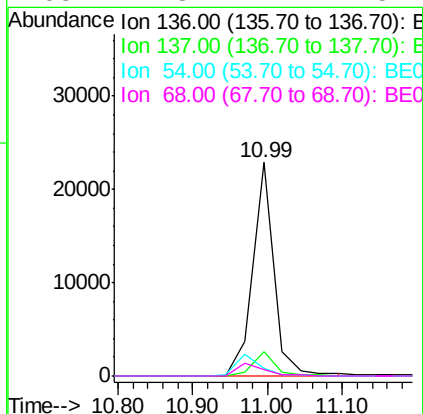
Ion Ratio Lower Upper

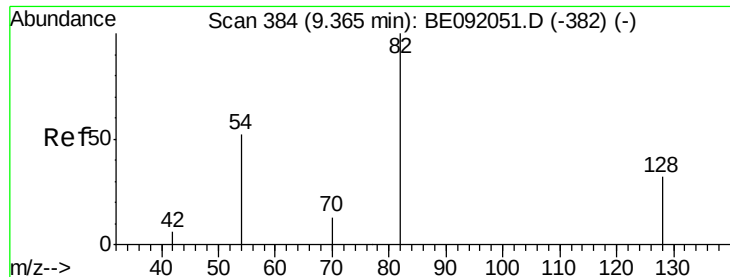
136 100

137 11.6 9.1 13.7

54 3.6 2.7 4.1

68 2.8 2.2 3.4





#9

Nitrobenzene-d5

Concen: 0.21 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

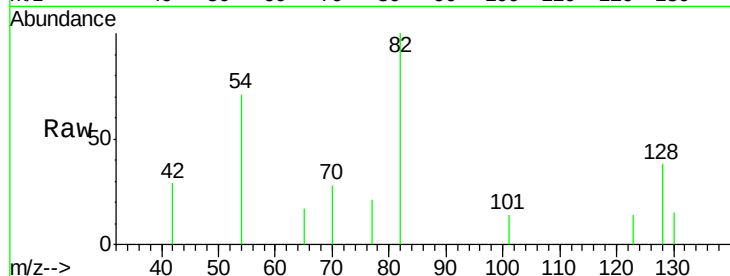
Tgt Ion: 82 Resp: 769

Ion Ratio Lower Upper

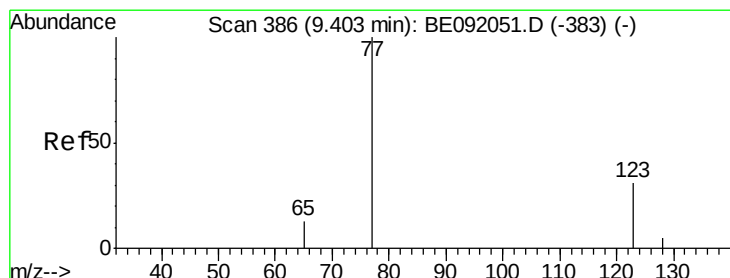
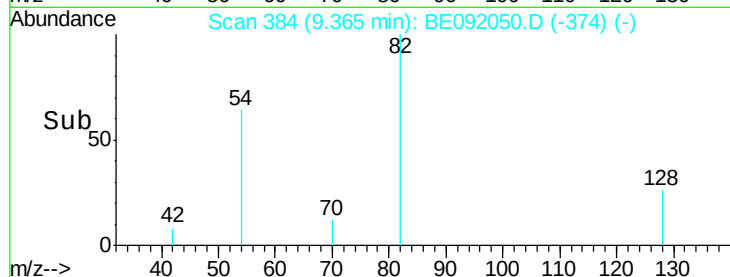
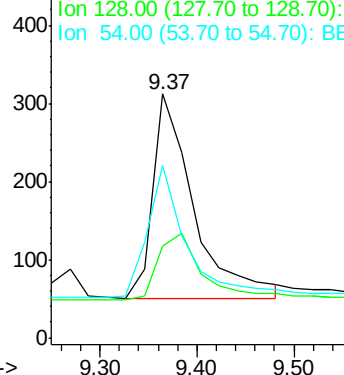
82 100

128 37.5 33.0 49.4

54 70.5 42.6 63.8#



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



#10

Nitrobenzene

Concen: 0.19 ng

RT: 9.40 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

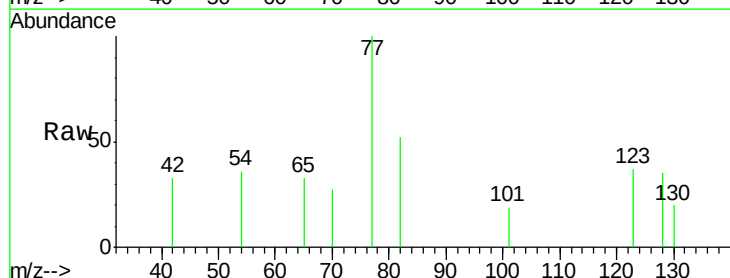
Tgt Ion: 77 Resp: 551

Ion Ratio Lower Upper

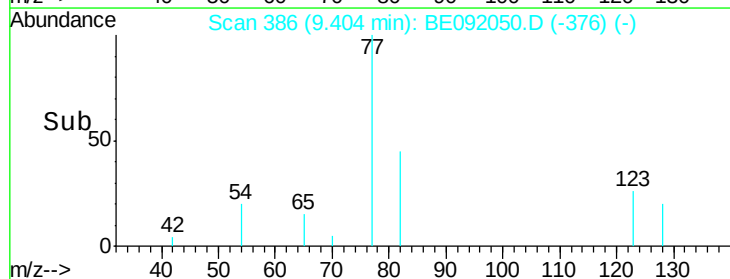
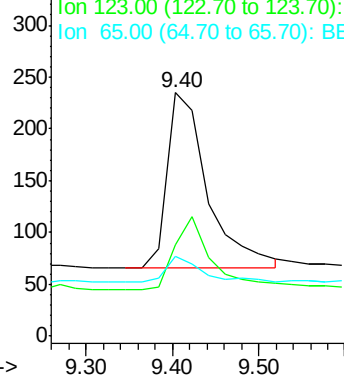
77 100

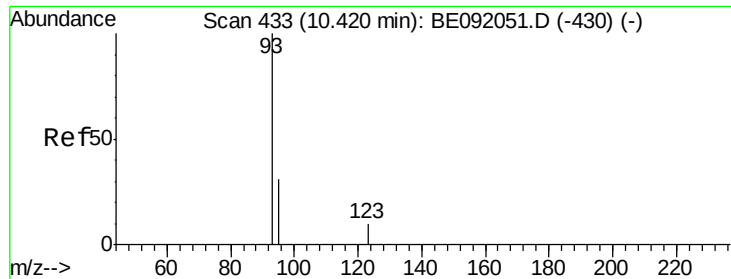
123 38.7 29.9 44.9

65 13.4 11.4 17.0



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

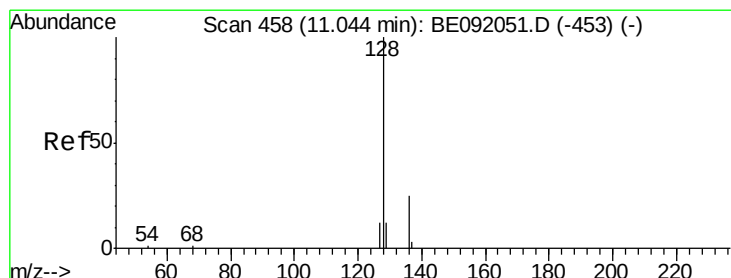
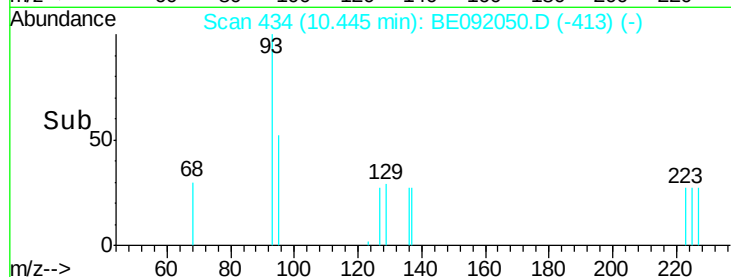
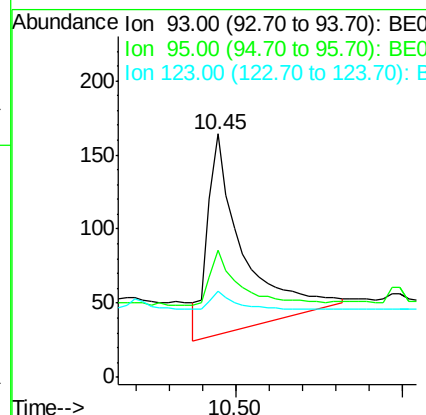
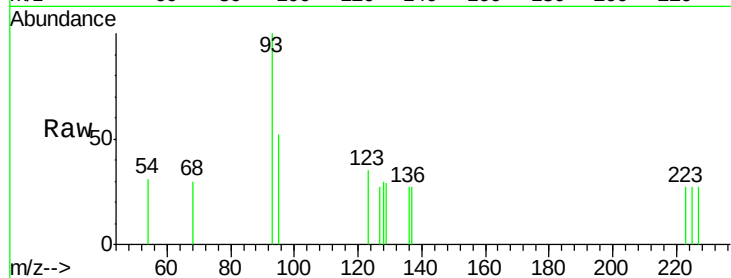




#11
bis(2-Chloroethoxy)methane
Concen: 0.31 ng
RT: 10.45 min Scan# 434
Delta R.T. 0.03 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

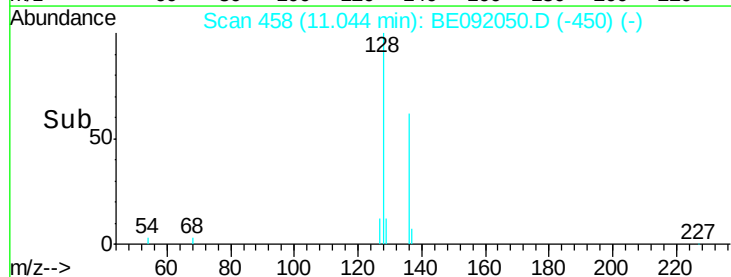
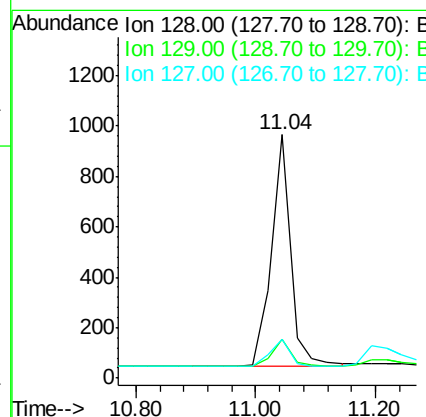
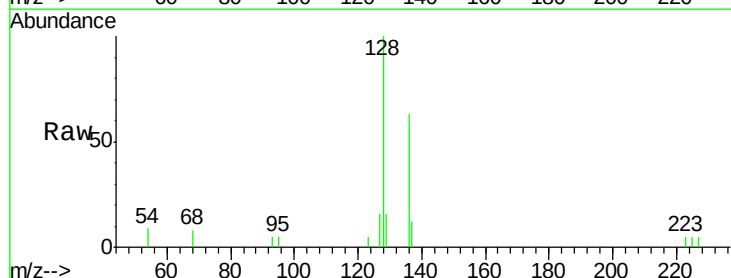
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

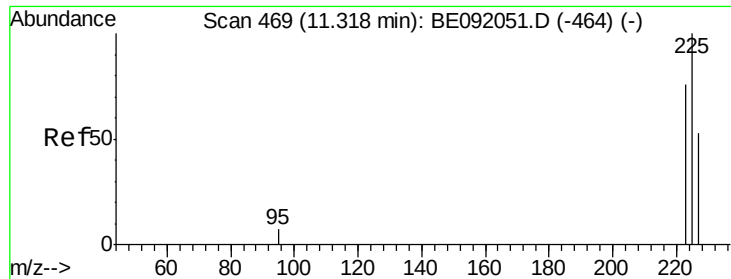
Tgt Ion: 93 Resp: 1025
Ion Ratio Lower Upper
93 100
95 50.5 25.0 37.6#
123 5.6 7.8 11.8#



#12
Naphthalene
Concen: 0.20 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion: 128 Resp: 2076
Ion Ratio Lower Upper
128 100
129 15.9 11.1 16.7
127 15.9 11.3 16.9

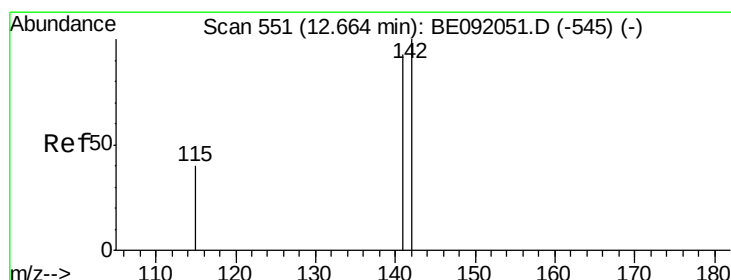
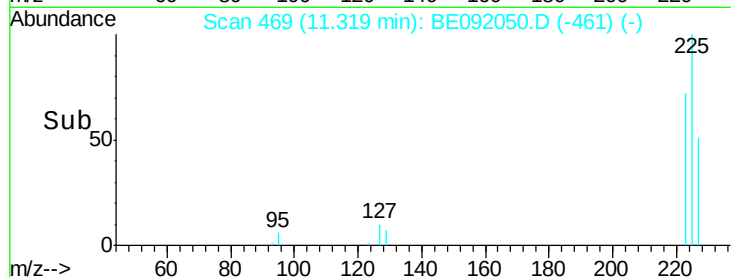
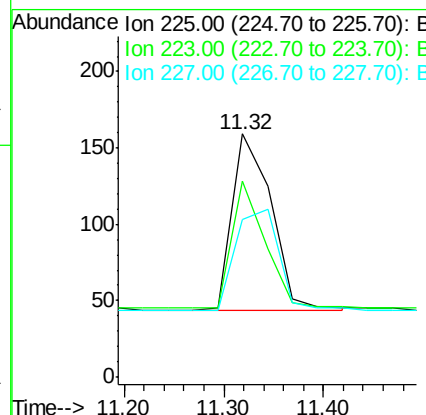
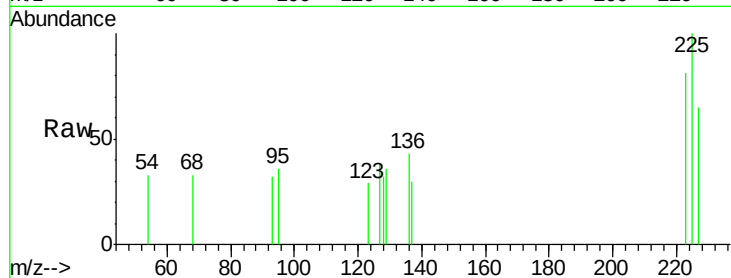




#13
Hexachlorobutadiene
Concen: 0.19 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

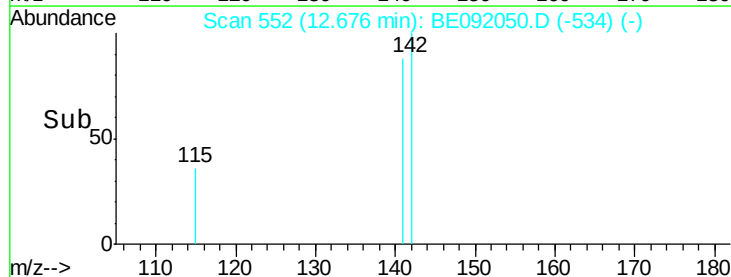
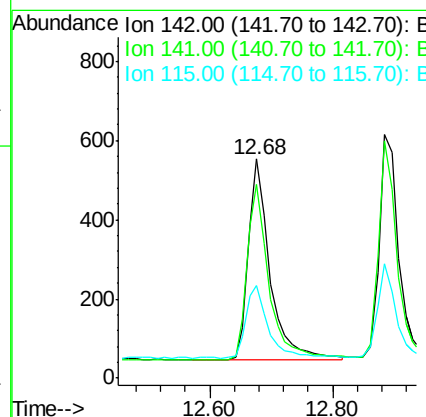
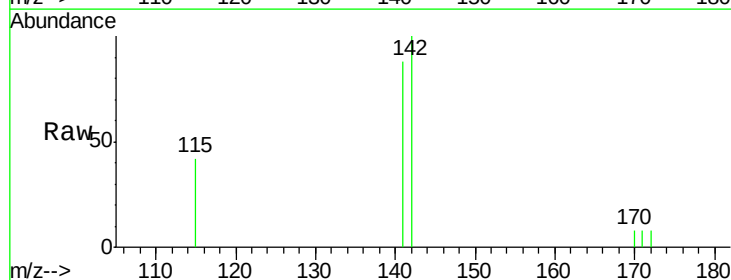
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

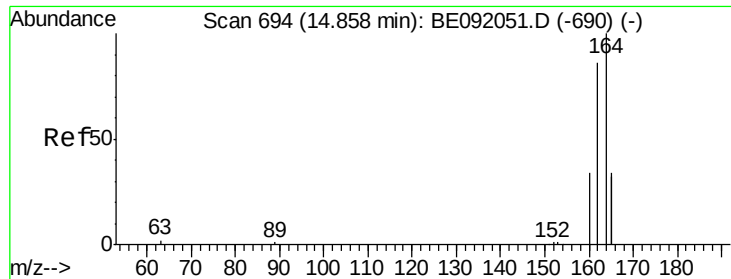
Tgt Ion: 225 Resp: 310
Ion Ratio Lower Upper
225 100
223 61.3 51.9 77.9
227 0.0 0.0 0.0



#14
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.01 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion: 142 Resp: 1264
Ion Ratio Lower Upper
142 100
141 88.4 65.1 97.7
115 42.3 27.0 40.4#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

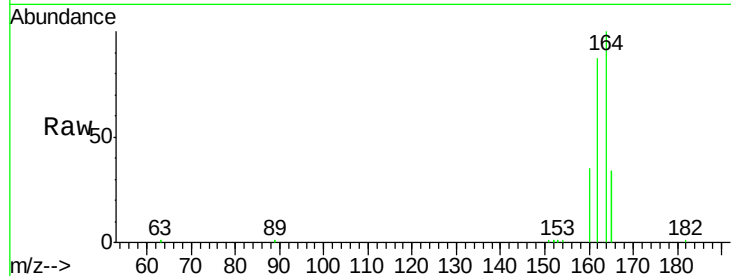
Tgt Ion:164 Resp: 20127

Ion Ratio Lower Upper

164 100

162 87.4 69.5 104.3

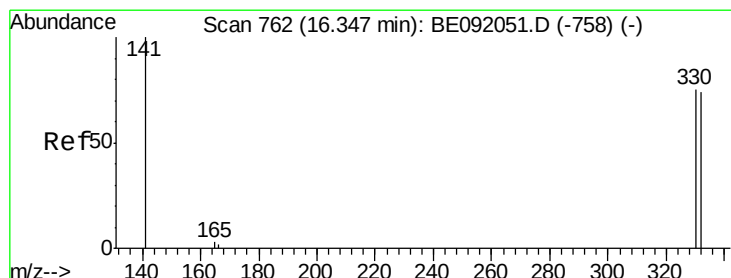
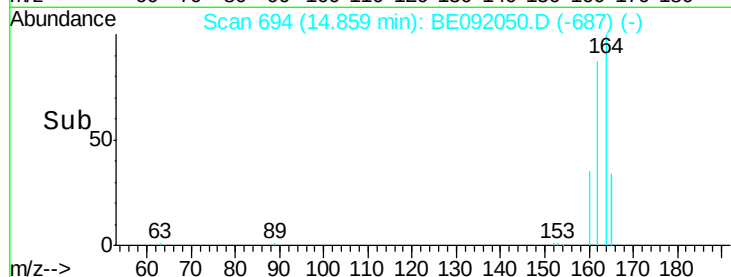
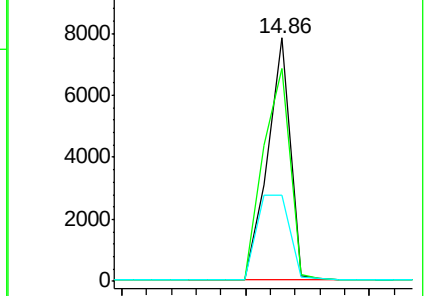
160 35.4 27.6 41.4



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



#16

2,4,6-Tribromophenol

Concen: 0.18 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

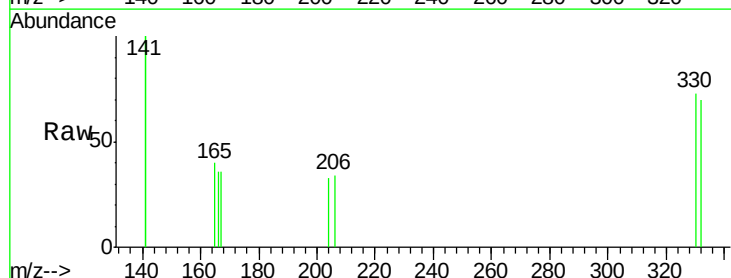
Tgt Ion:330 Resp: 114

Ion Ratio Lower Upper

330 100

332 95.6 74.2 111.4

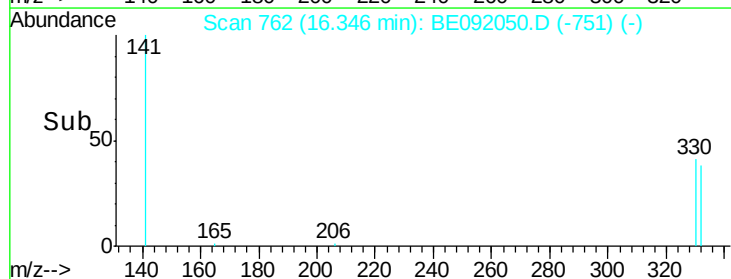
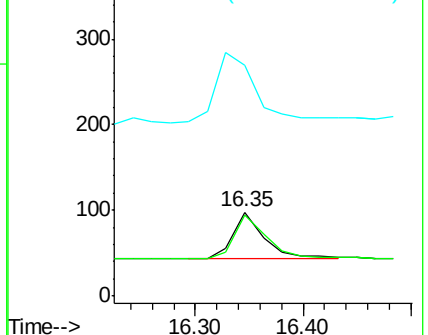
141 176.3 139.8 209.8

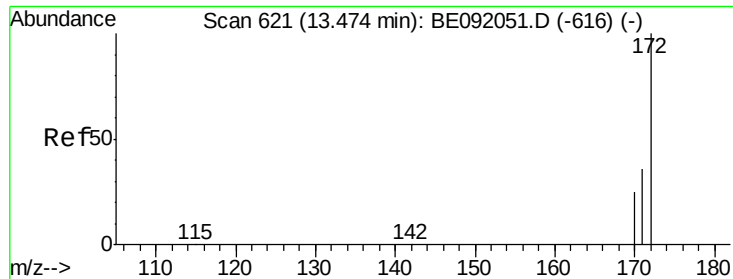


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

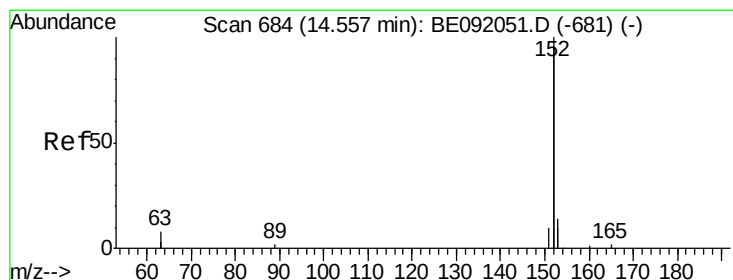
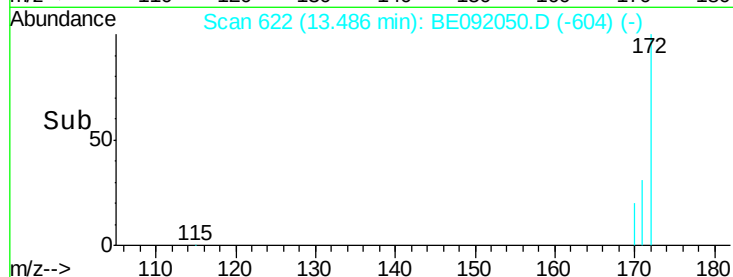
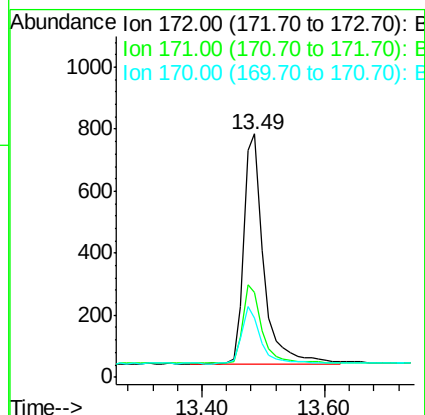
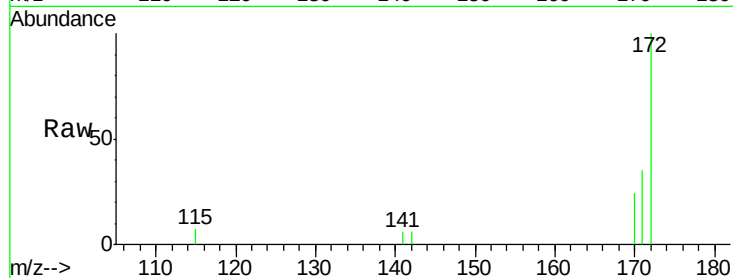




#17
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.01 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

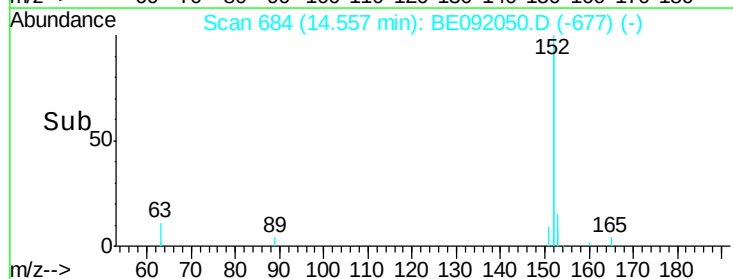
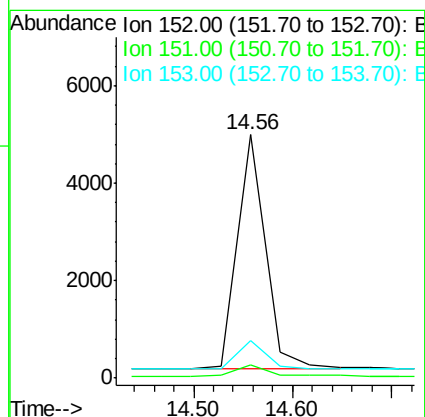
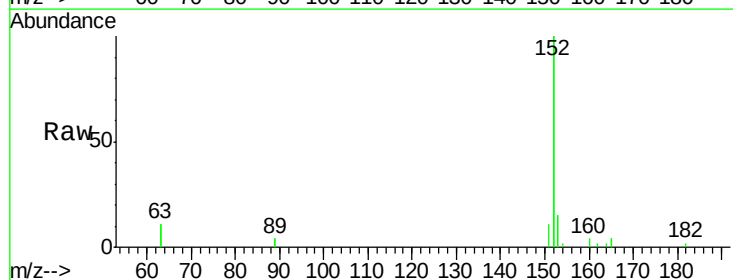
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

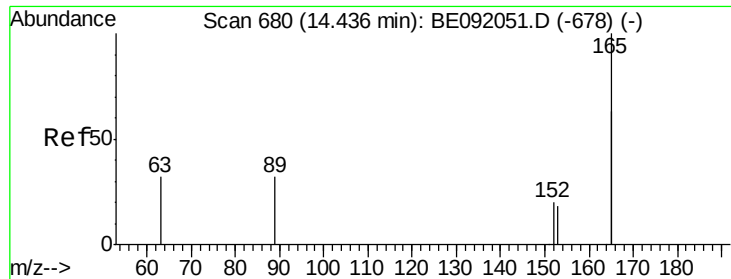
Tgt Ion:172 Resp: 1665
Ion Ratio Lower Upper
172 100
171 34.9 30.3 45.5
170 24.3 21.6 32.4



#18
Acenaphthylene
Concen: 0.19 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion:152 Resp: 9638
Ion Ratio Lower Upper
152 100
151 5.0 4.0 6.0
153 12.8 9.6 14.4

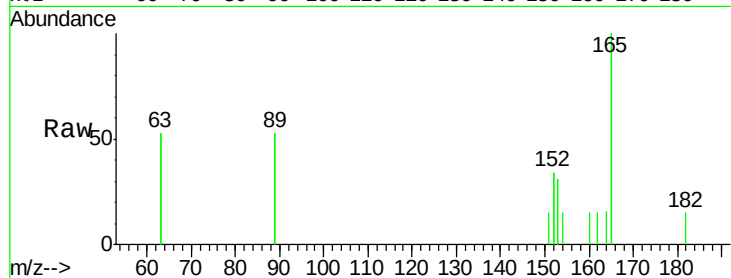




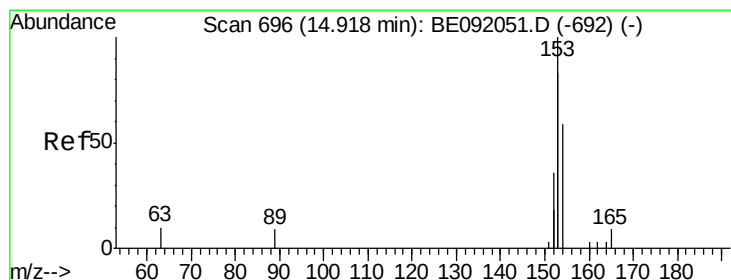
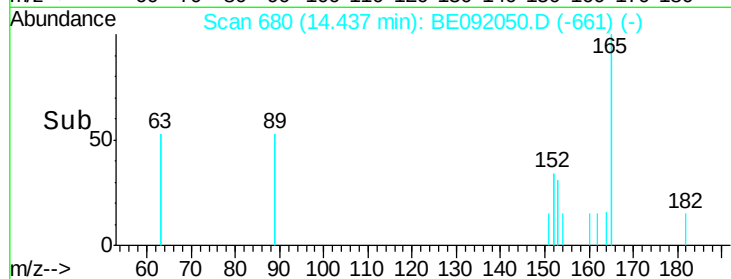
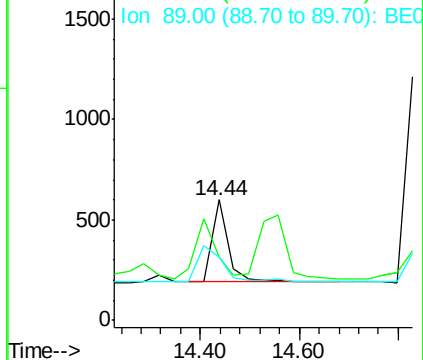
#19
2,6-Dinitrotoluene
Concen: 0.19 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion:165 Resp: 915
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 0.0 0.0

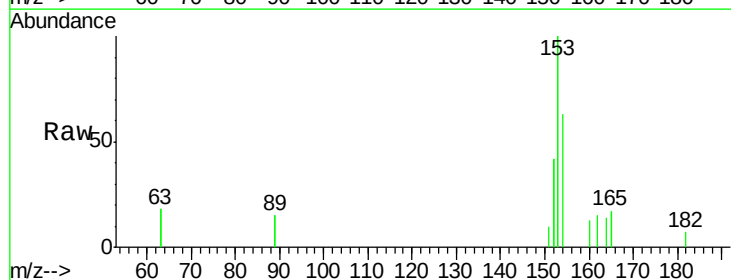


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0

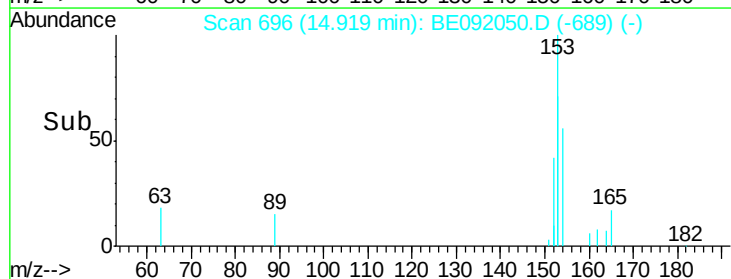
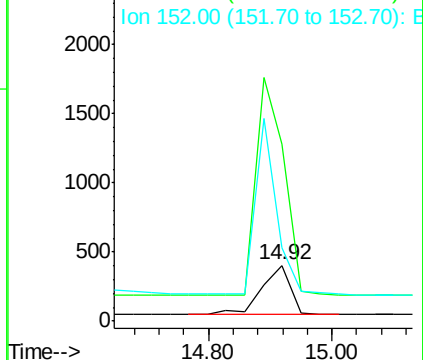


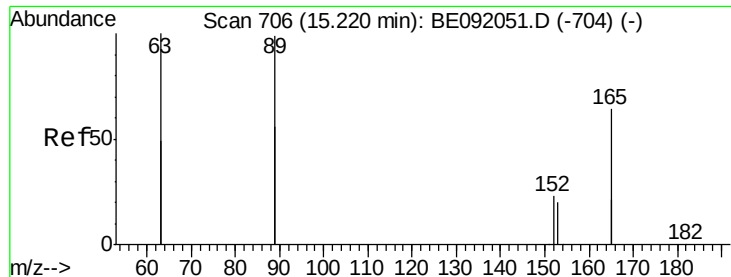
#20
Acenaphthene
Concen: 0.19 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion:154 Resp: 1152
Ion Ratio Lower Upper
154 100
153 0.0 345.1 517.7#
152 0.0 0.0 0.0



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

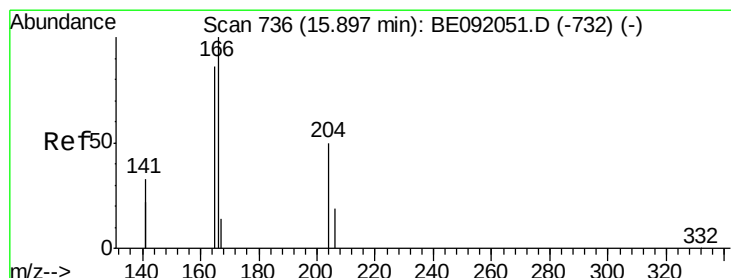
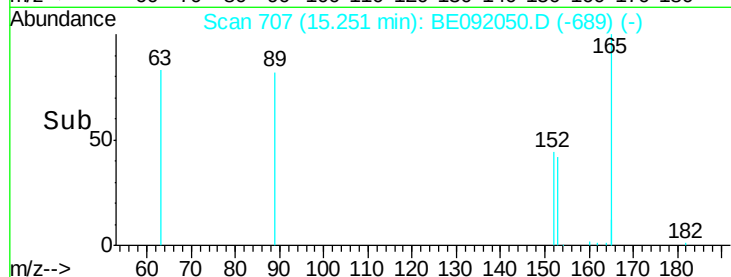
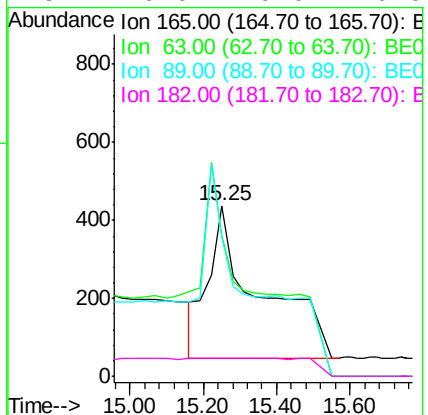
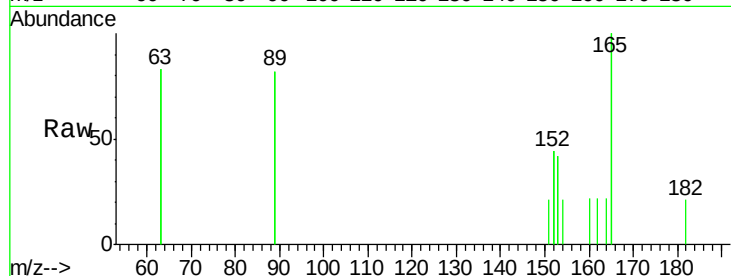




#21
2,4-Dinitrotoluene
Concen: 0.93 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

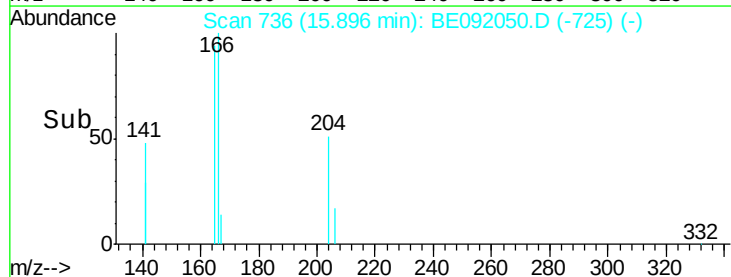
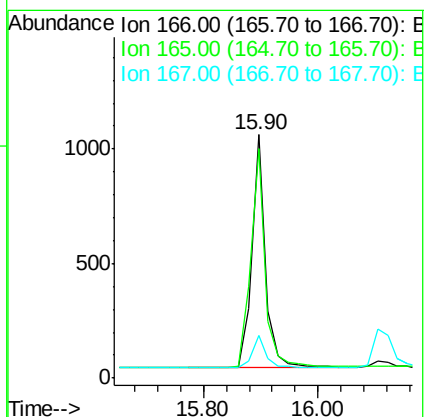
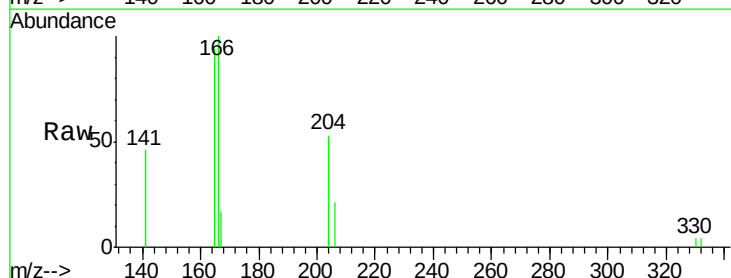
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

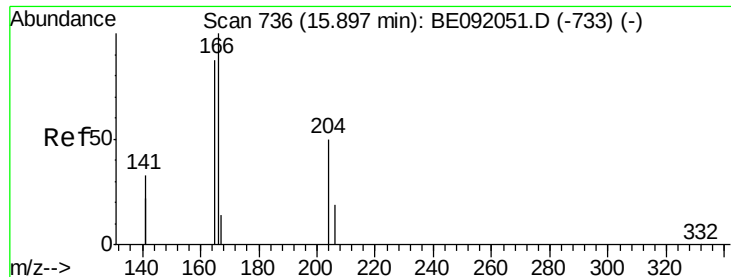
Tgt Ion:165 Resp: 3815
Ion Ratio Lower Upper
165 100
63 0.0 324.0 486.0#
89 0.0 308.4 462.6#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.19 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion:166 Resp: 1704
Ion Ratio Lower Upper
166 100
165 97.5 78.6 118.0
167 14.8 11.1 16.7

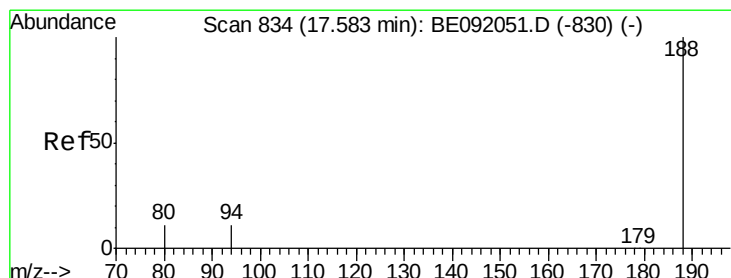
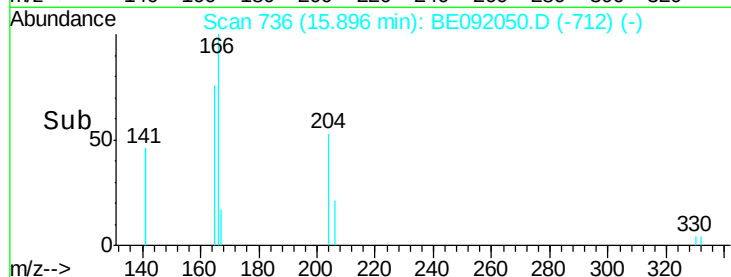
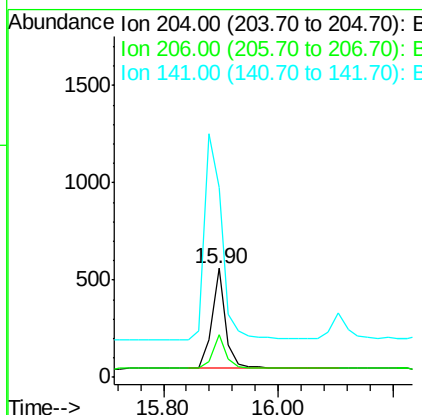
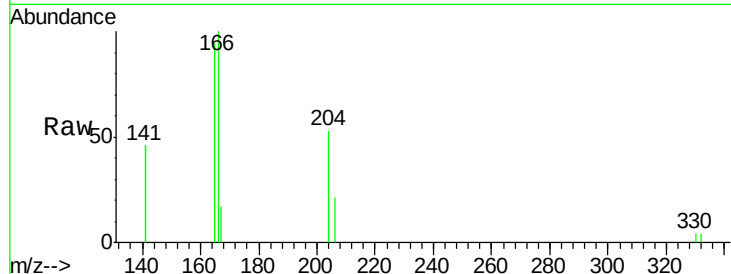




#23
4-Chlorophenyl-phenylether
Concen: 0.19 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

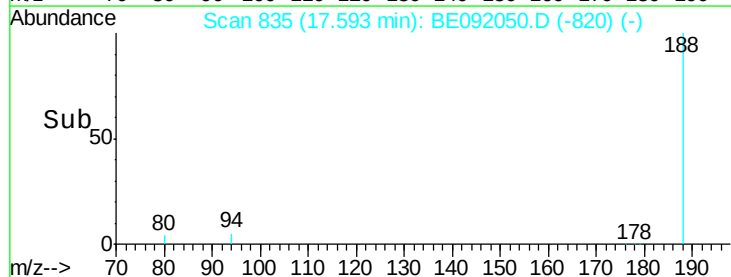
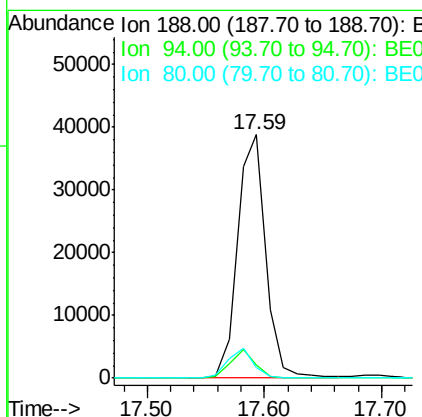
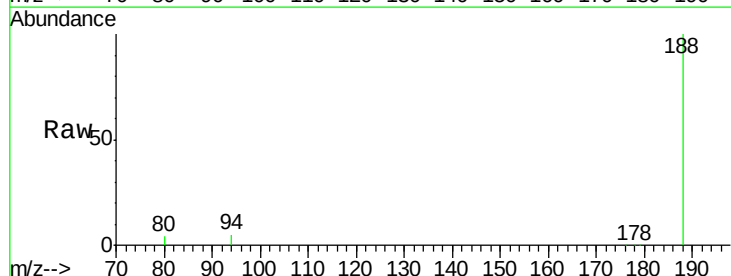
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

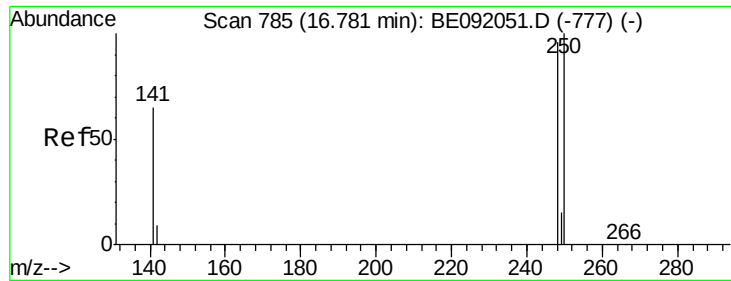
Tgt Ion: 204 Resp: 869
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 258.8 198.5 297.7



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.01 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion: 188 Resp: 64503
Ion Ratio Lower Upper
188 100
94 5.2 3.9 5.9
80 4.4 3.4 5.0





#25

4-Bromophenyl-phenylether

Concen: 0.19 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

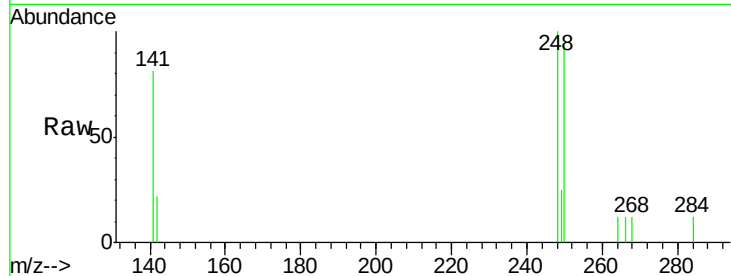
Tgt Ion:248 Resp: 532

Ion Ratio Lower Upper

248 100

250 95.1 79.6 119.4

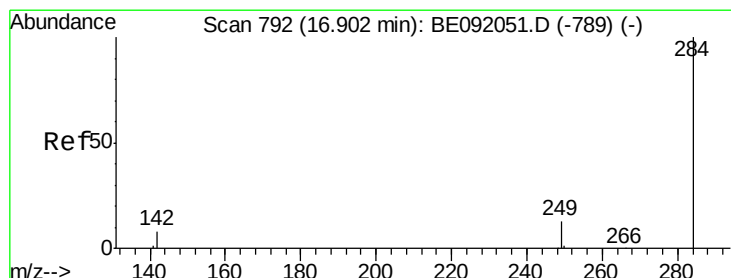
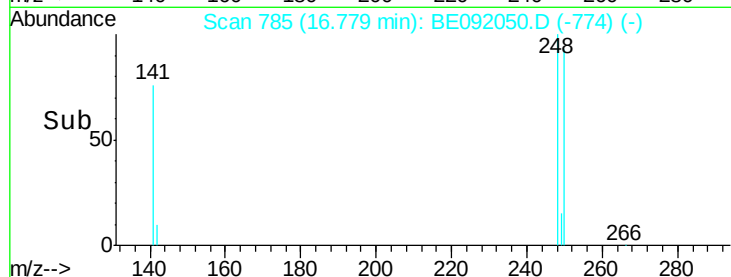
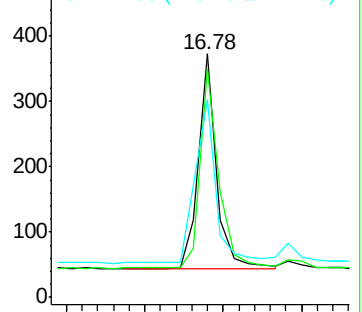
141 86.1 68.7 103.1



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



#26

Hexachlorobenzene

Concen: 0.20 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

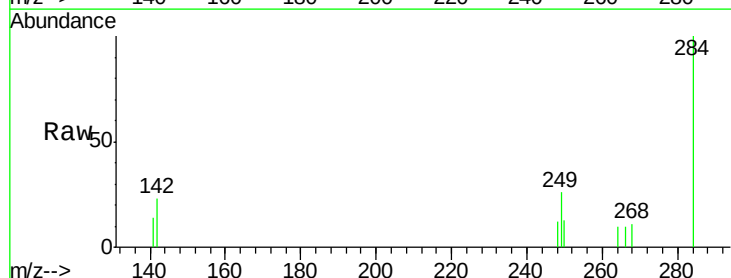
Tgt Ion:284 Resp: 568

Ion Ratio Lower Upper

284 100

142 41.7 33.3 49.9

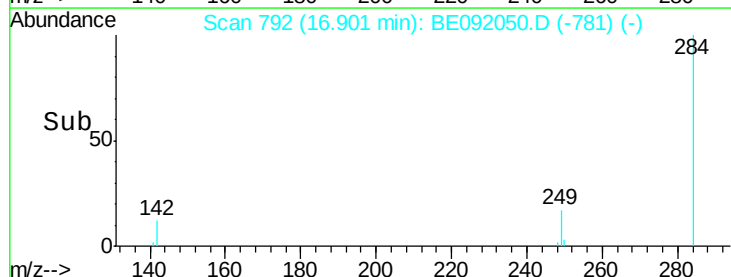
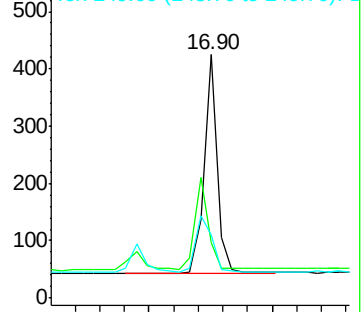
249 32.2 25.4 38.0

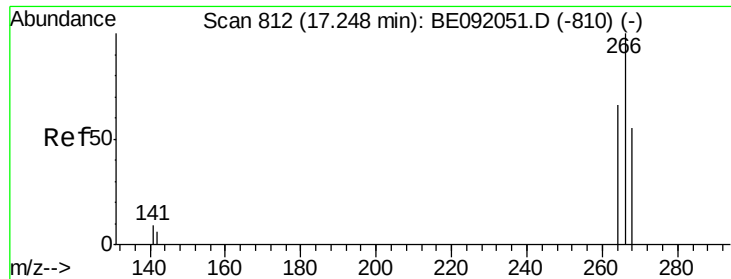


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.18 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

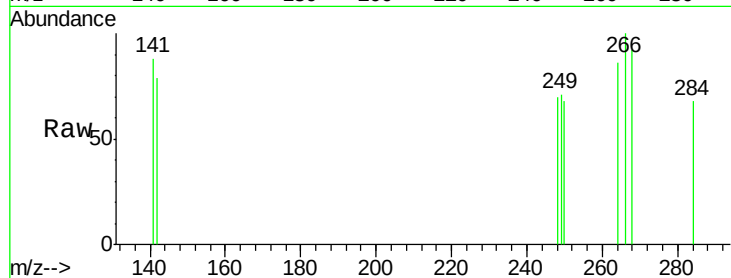
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

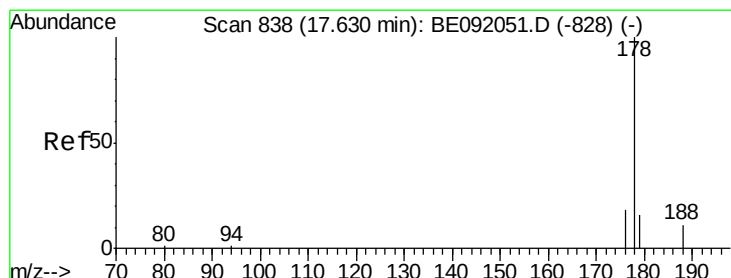
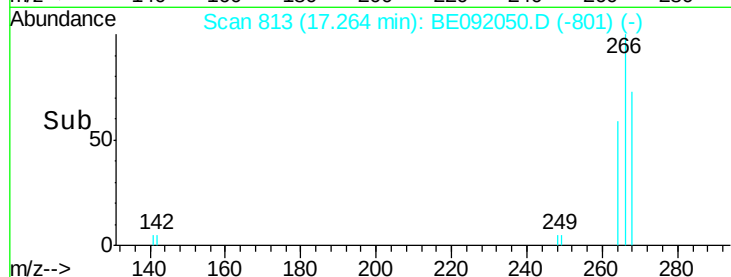
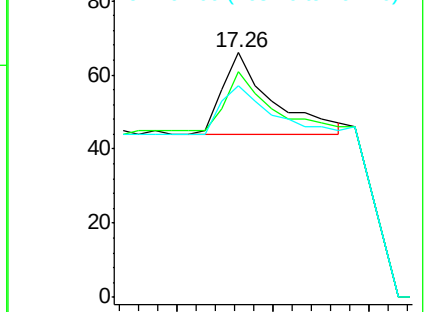
266 100

268 92.4 62.7 94.1

264 86.4 63.5 95.3



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



#28

Phenanthrene

Concen: 0.19 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

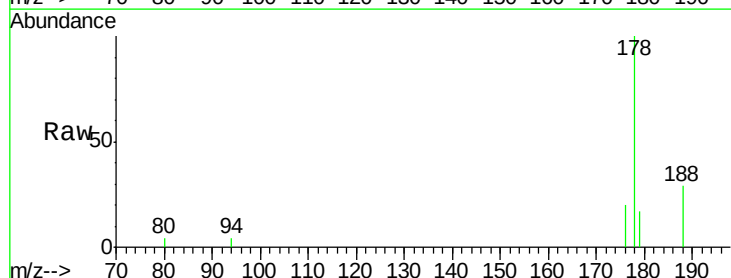
Tgt Ion:178 Resp: 3401

Ion Ratio Lower Upper

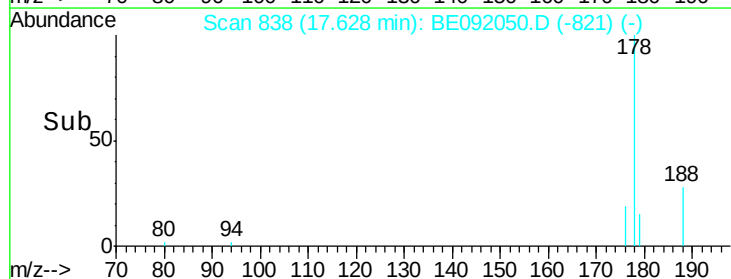
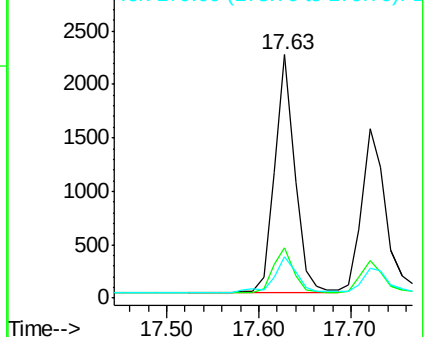
178 100

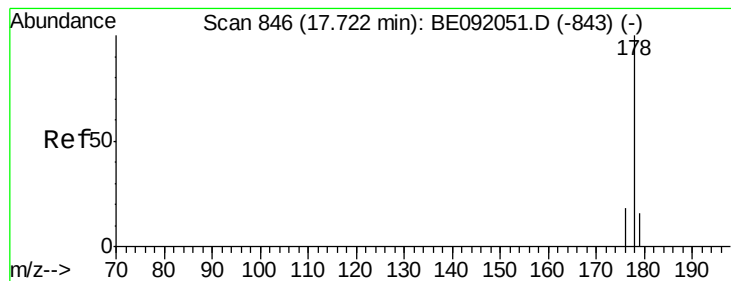
176 19.3 15.4 23.0

179 16.5 12.7 19.1



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





#29

Anthracene

Concen: 0.19 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

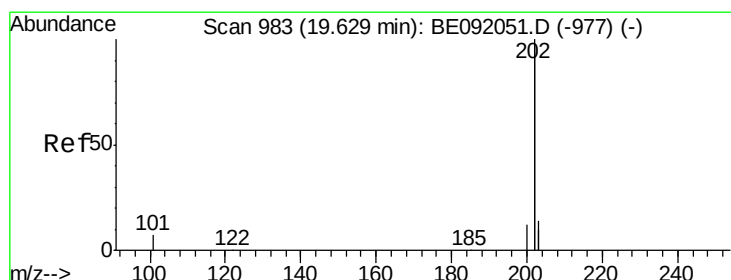
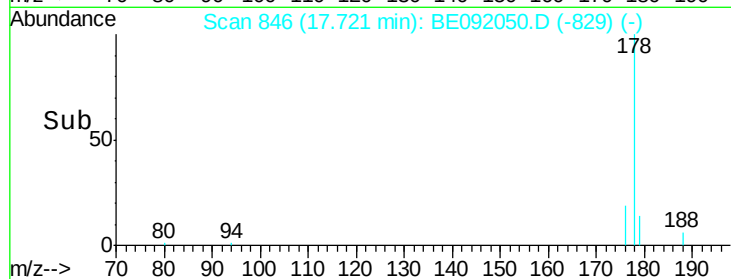
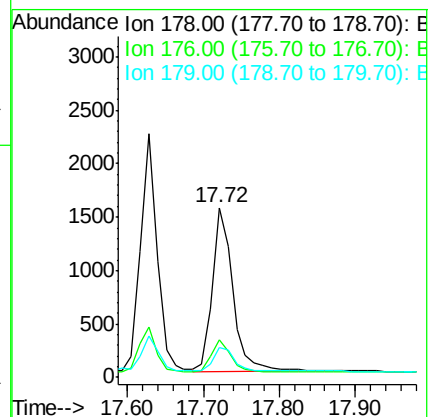
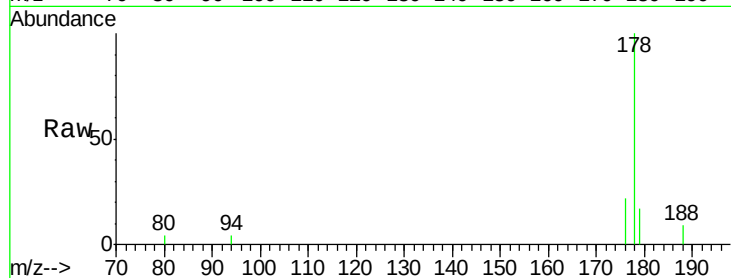
Tgt Ion:178 Resp: 2861

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.0 12.2 18.4



#30

Fluoranthene

Concen: 0.18 ng

RT: 19.63 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

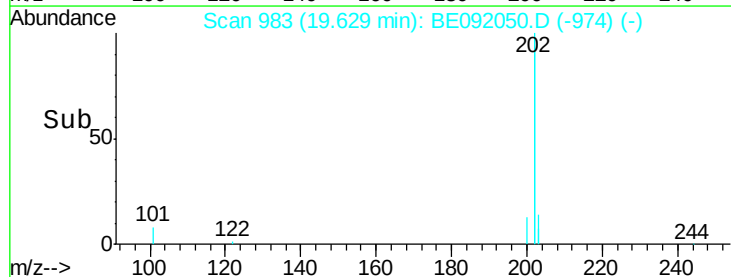
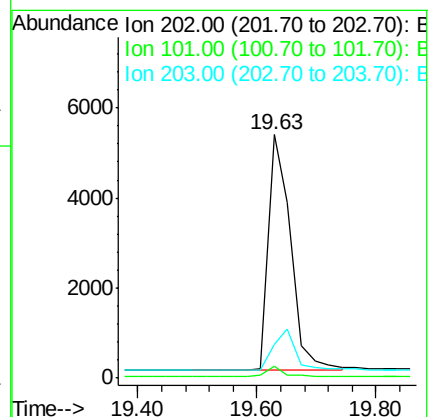
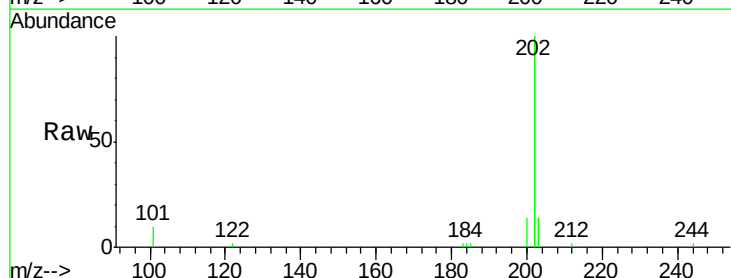
Tgt Ion:202 Resp: 13492

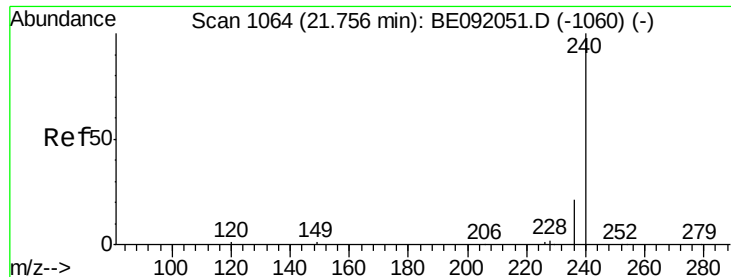
Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.2

203 0.0 13.0 19.4#





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

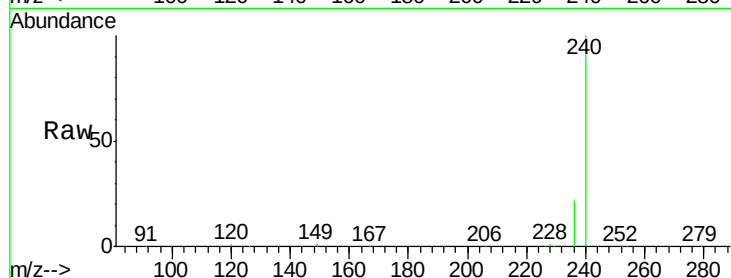
Tgt Ion:240 Resp: 69977

Ion Ratio Lower Upper

240 100

120 0.8 0.6 1.0

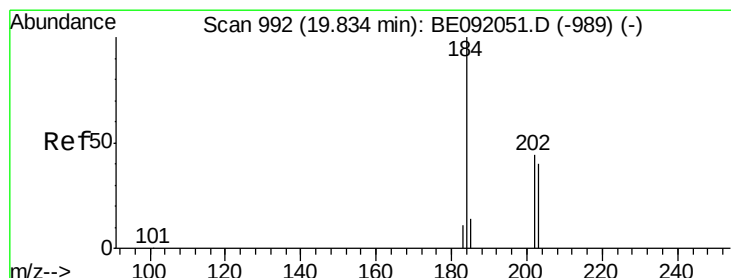
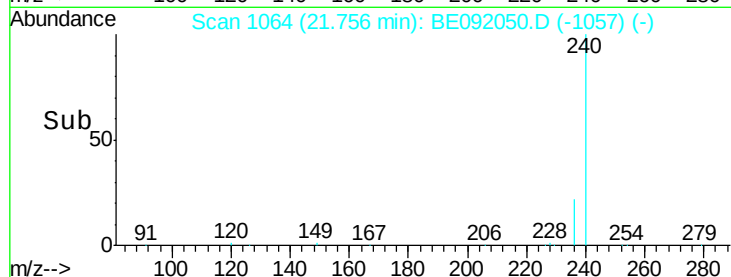
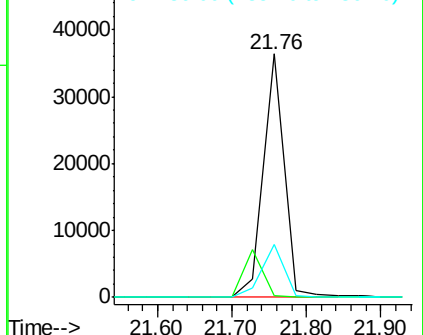
236 21.8 18.2 27.4



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



#32

Benzidine

Concen: 0.21 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

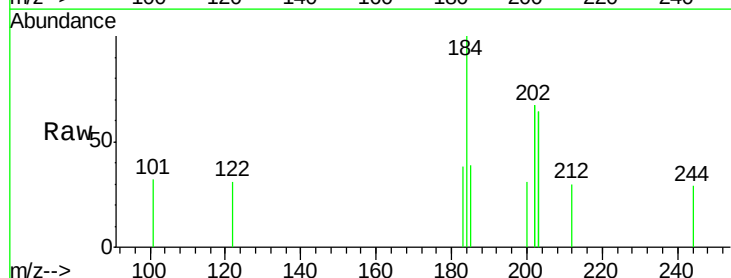
Tgt Ion:184 Resp: 501

Ion Ratio Lower Upper

184 100

185 38.7 23.8 35.6#

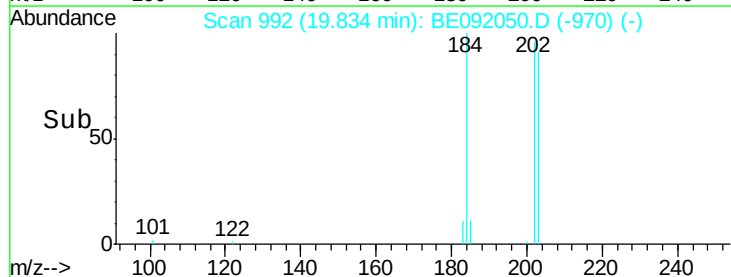
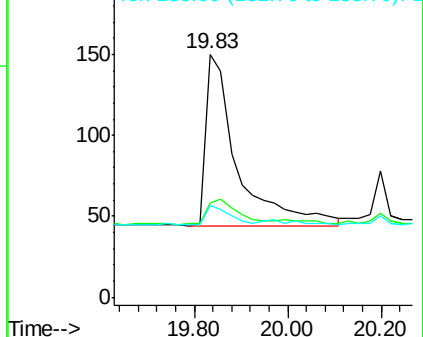
183 38.0 20.7 31.1#

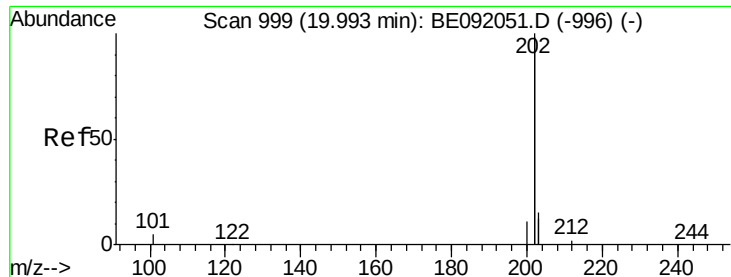


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

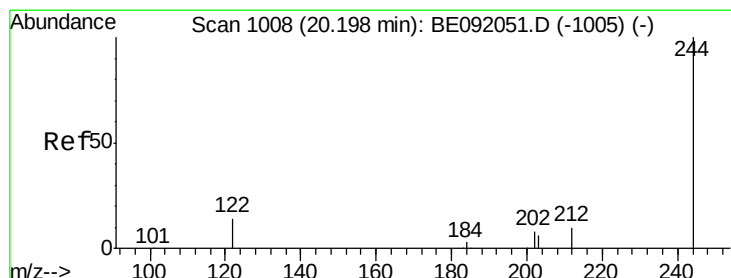
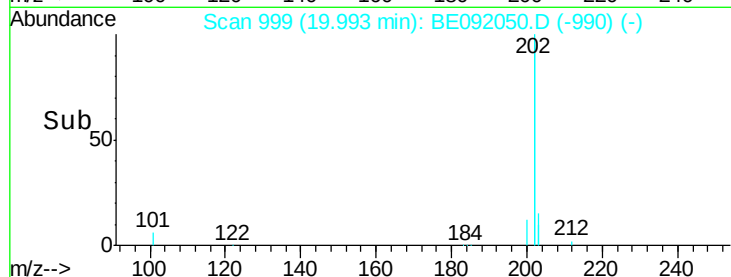
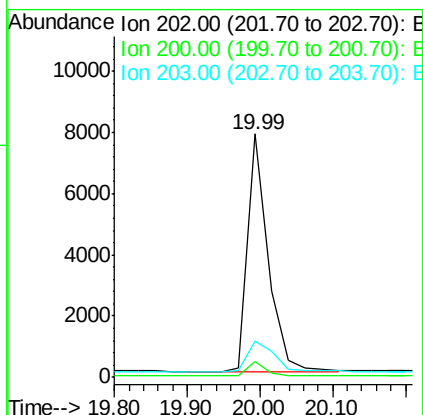
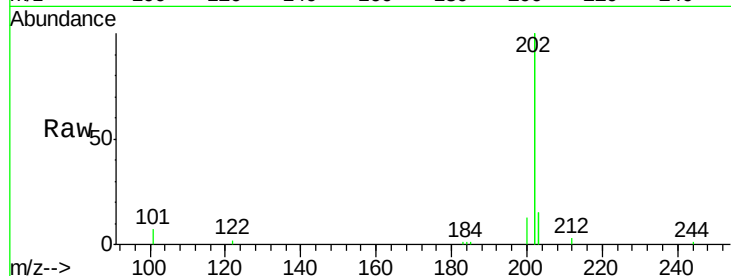




#33
 Pyrene
 Concen: 0.18 ng
 RT: 19.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

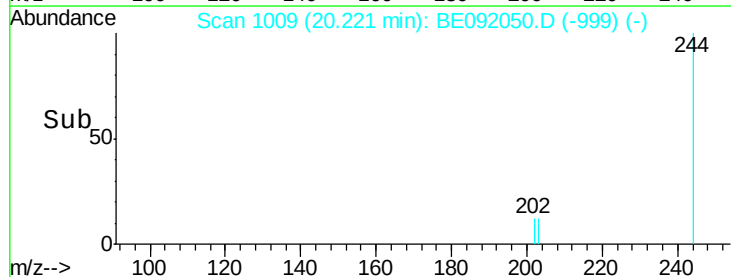
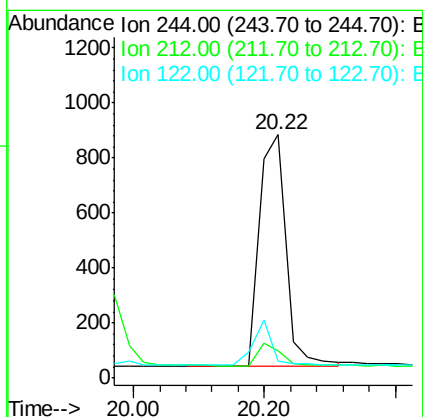
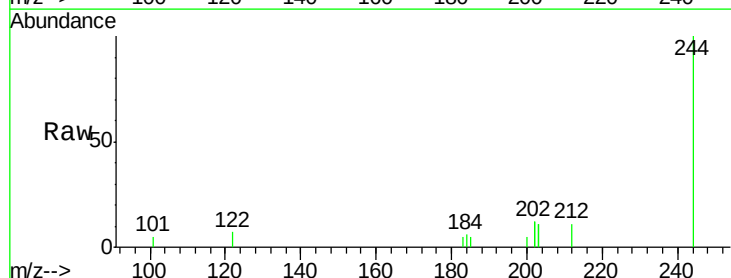
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

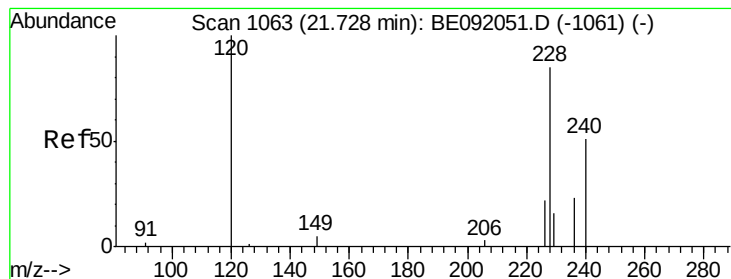
Tgt Ion: 202 Resp: 15121
 Ion Ratio Lower Upper
 202 100
 200 5.5 4.4 6.6
 203 16.6 13.4 20.0



#34
 Terphenyl-d14
 Concen: 0.16 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. 0.02 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Tgt Ion: 244 Resp: 2391
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.1 13.7
 122 7.0 11.0 16.4#





#35

Benzo(a)anthracene

Concen: 0.32 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

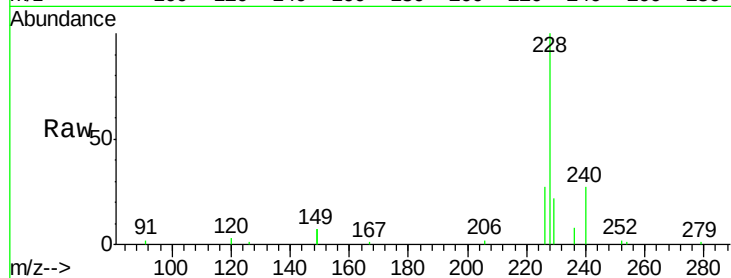
Tgt Ion:228 Resp: 13676

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

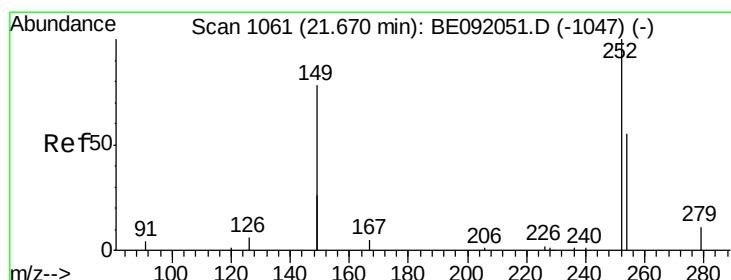
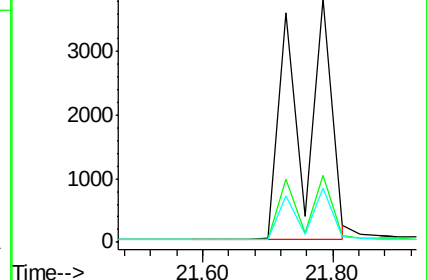
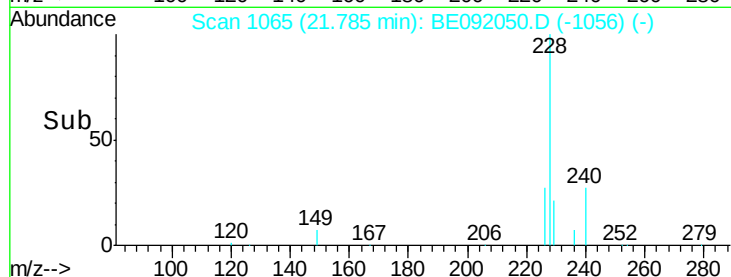
229 22.0 15.1 22.7



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



#36

3,3'-Dichlorobenzidine

Concen: 0.19 ng

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

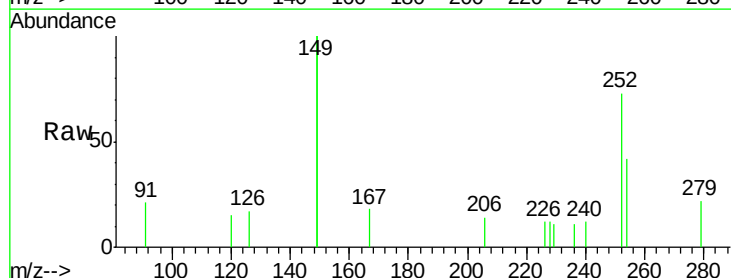
Tgt Ion:252 Resp: 694

Ion Ratio Lower Upper

252 100

254 58.2 44.2 66.2

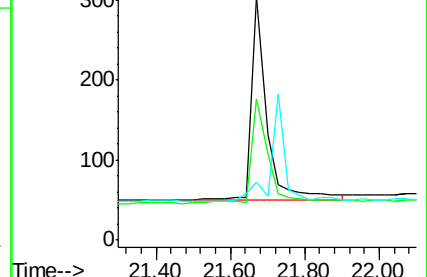
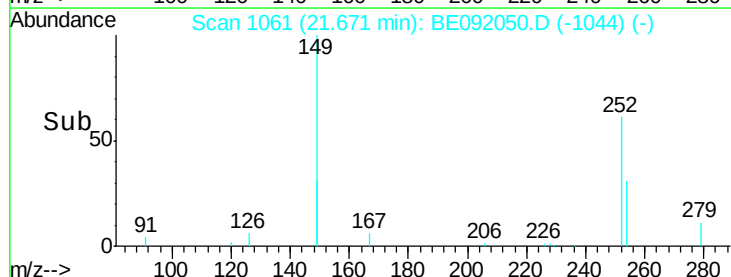
126 23.7 10.6 15.8#

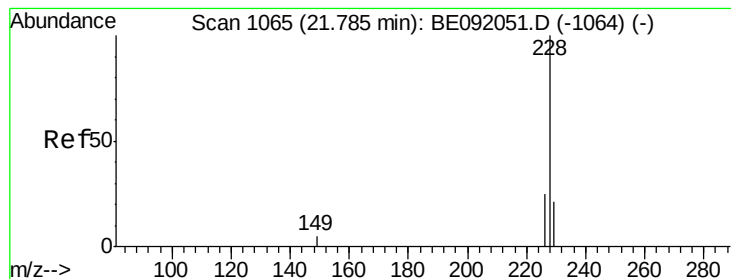


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.29 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

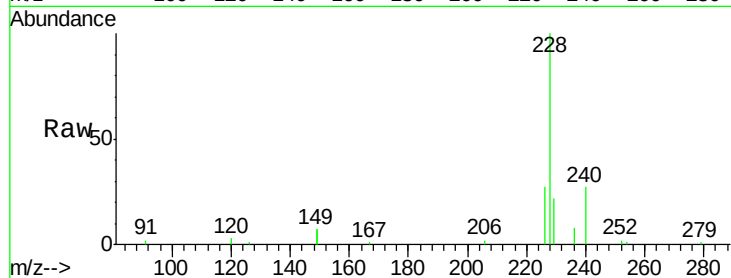
Tgt Ion:228 Resp: 13905

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

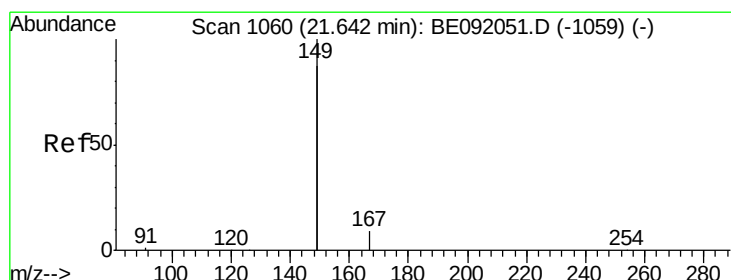
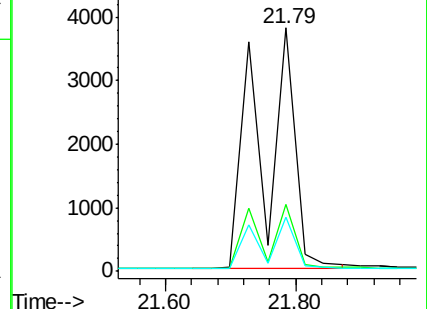
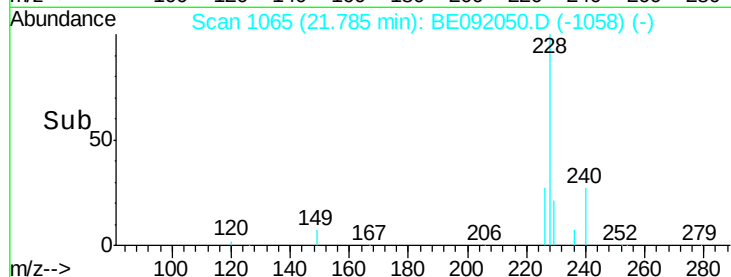
229 22.0 16.9 25.3



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

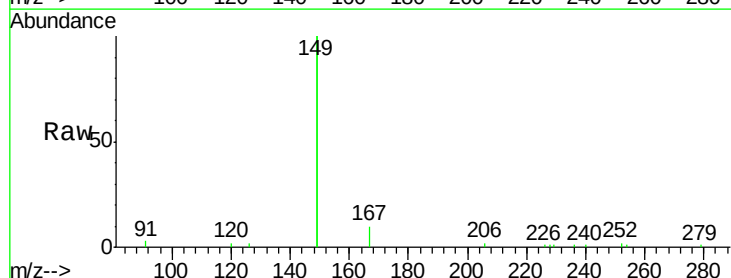
Tgt Ion:149 Resp: 11042

Ion Ratio Lower Upper

149 100

167 5.1 3.8 5.6

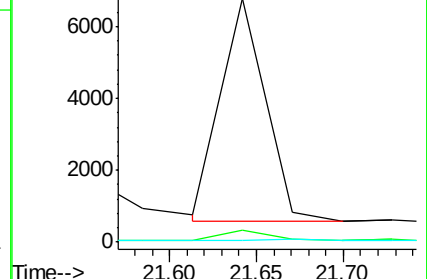
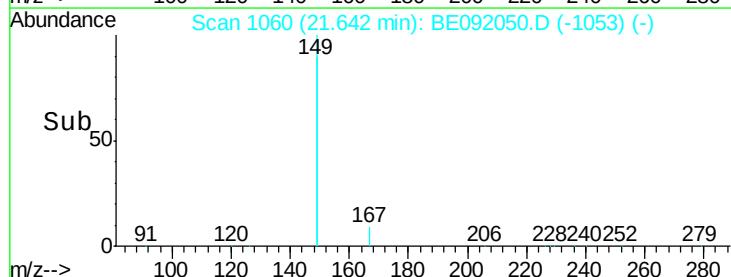
279 0.0 0.0 0.0

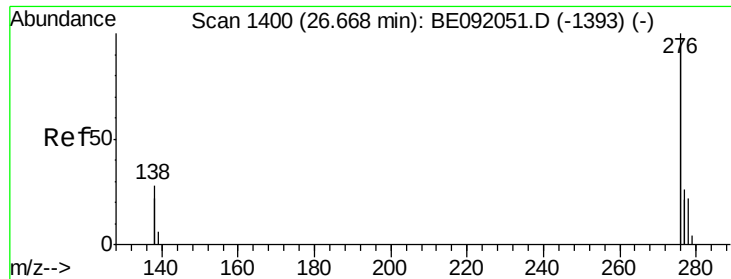


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.19 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

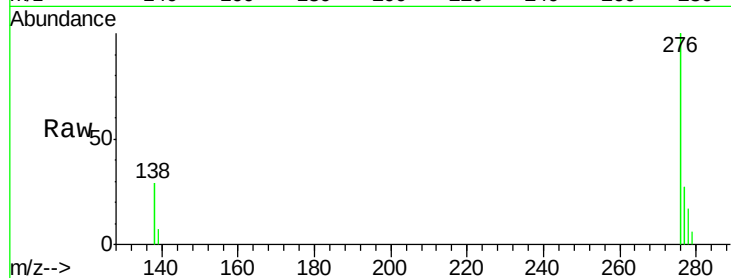
Tgt Ion:276 Resp: 14301

Ion Ratio Lower Upper

276 100

138 26.5 21.2 31.8

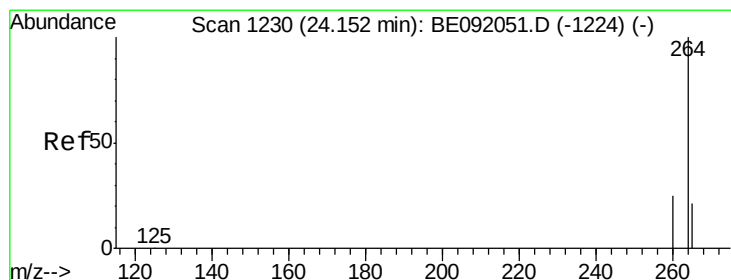
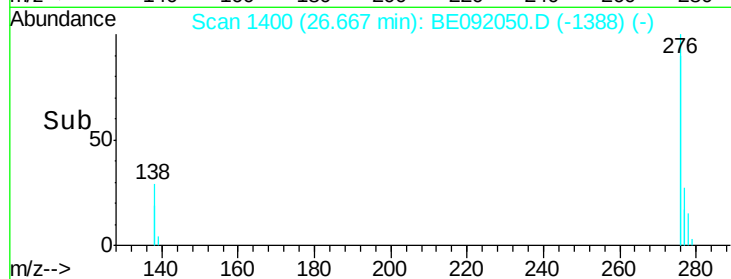
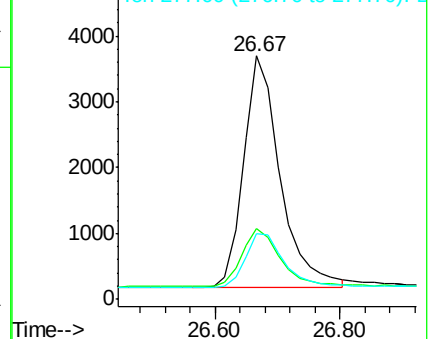
277 24.6 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

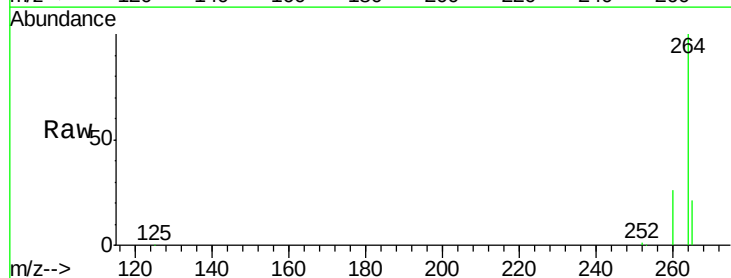
Tgt Ion:264 Resp: 70265

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

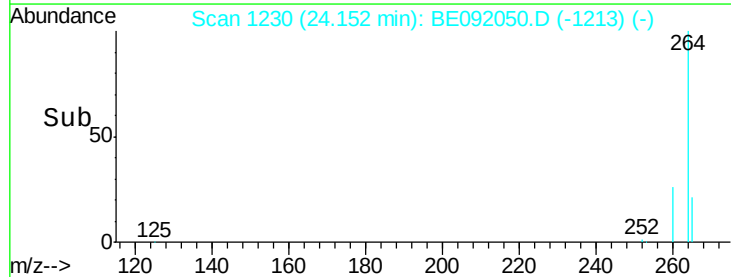
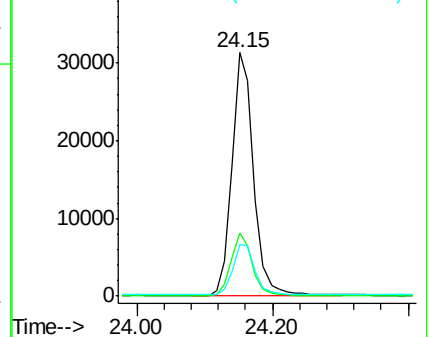
265 21.1 16.6 25.0

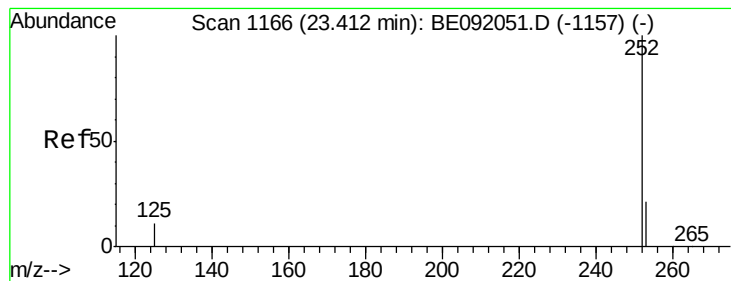


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.15 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

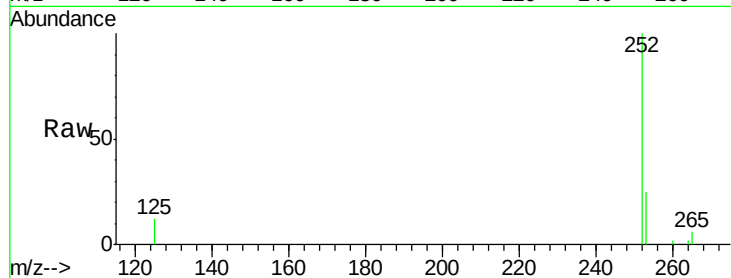
Tgt Ion:252 Resp: 5110

Ion Ratio Lower Upper

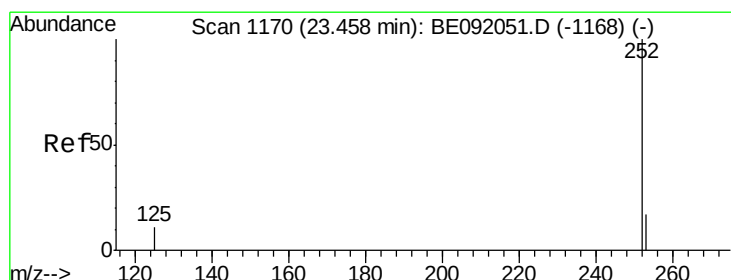
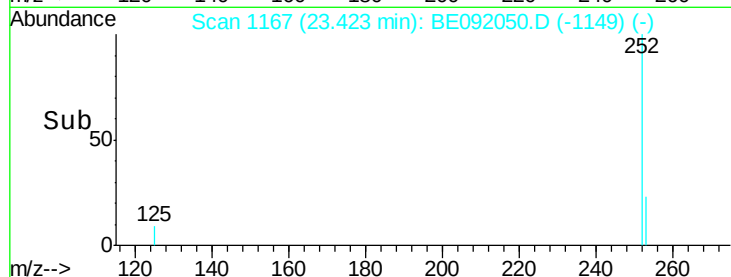
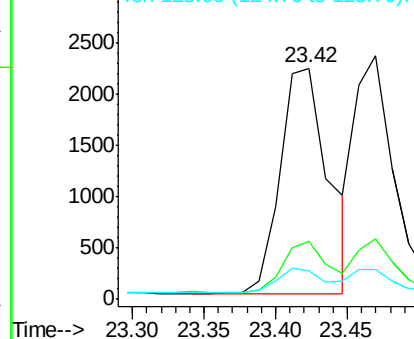
252 100

253 25.1 17.4 26.0

125 12.2 10.2 15.2



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



#42

Benzo(k)fluoranthene

Concen: 0.14 ng

RT: 23.47 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

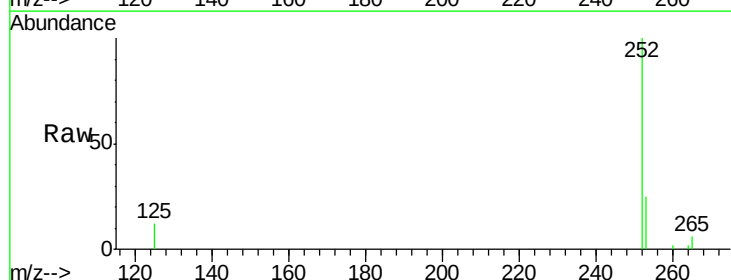
Tgt Ion:252 Resp: 4565

Ion Ratio Lower Upper

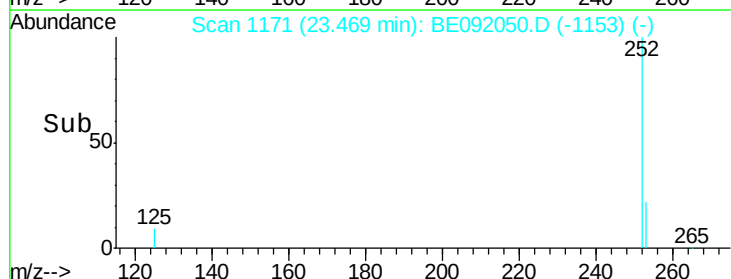
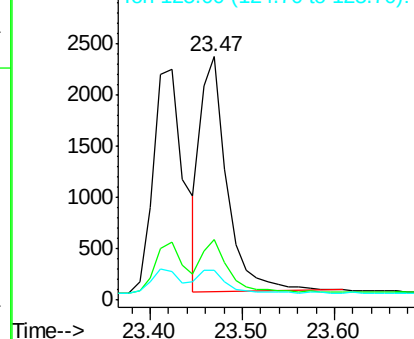
252 100

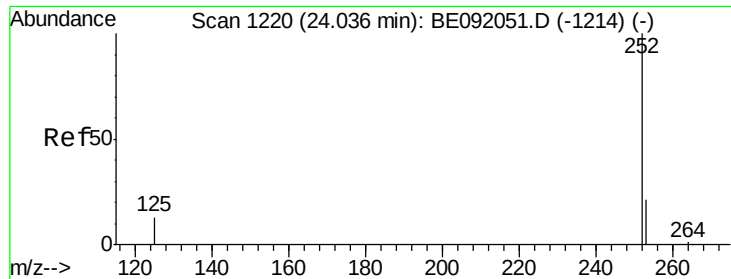
253 24.9 19.4 29.0

125 12.0 8.9 13.3



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





#43

Benzo(a)pyrene

Concen: 0.16 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

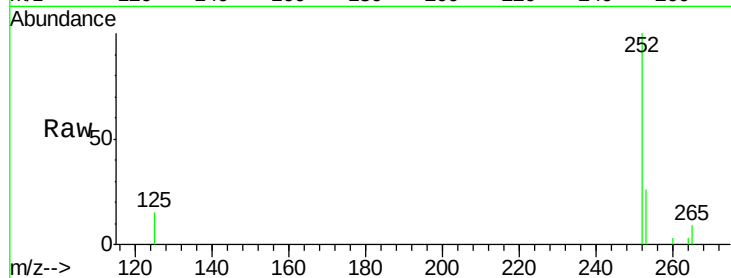
Tgt Ion: 252 Resp: 3639

Ion Ratio Lower Upper

252 100

253 26.5 19.8 29.8

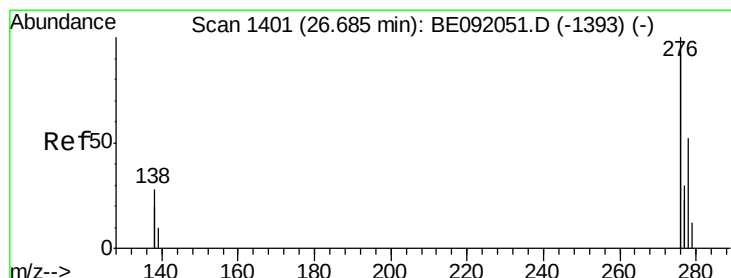
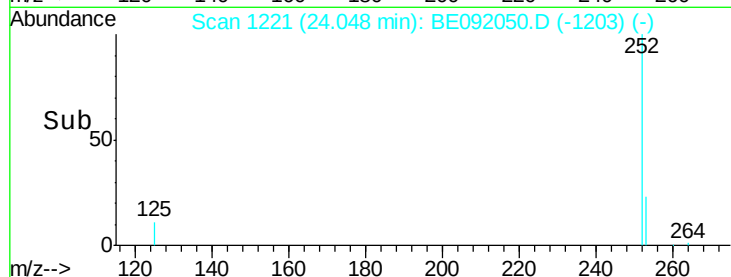
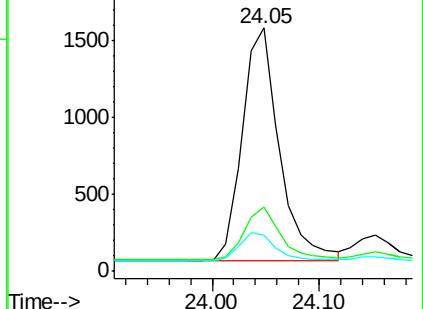
125 15.1 10.4 15.6



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



#44

Dibenzo(a,h)anthracene

Concen: 0.19 ng

RT: 26.70 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

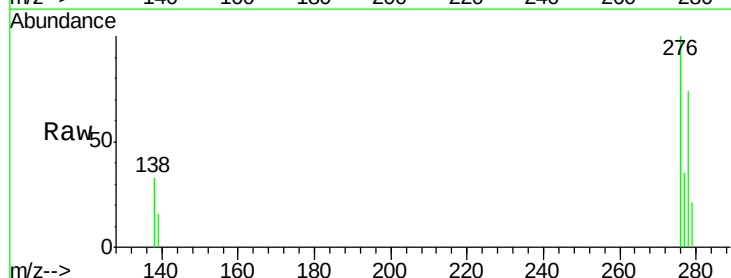
Tgt Ion: 278 Resp: 2860

Ion Ratio Lower Upper

278 100

139 21.0 16.7 25.1

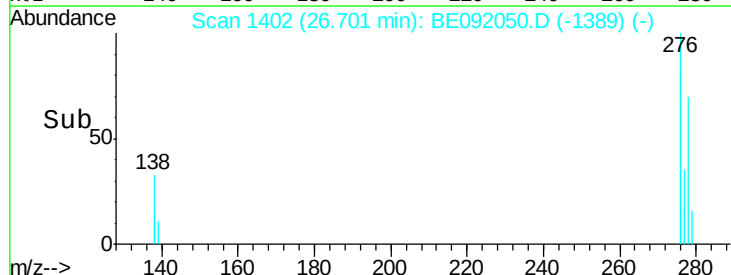
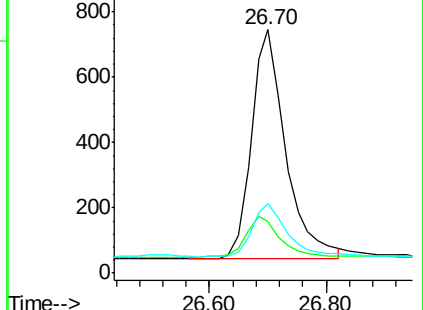
279 28.4 20.3 30.5

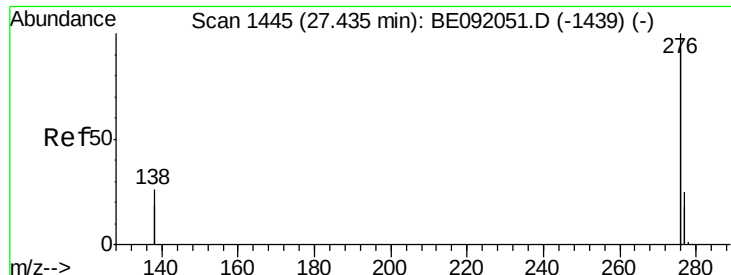


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.19 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BE092050.D

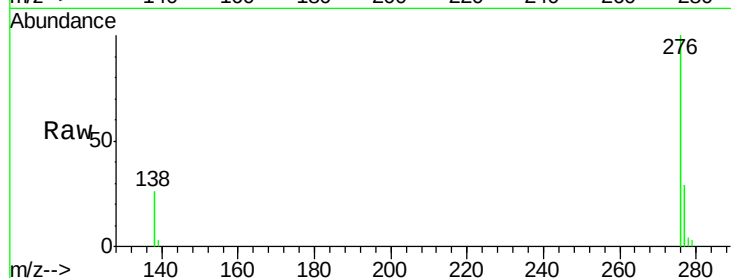
Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



Tgt Ion: 276 Resp: 12327

Ion Ratio Lower Upper

276 100

277 28.8 19.5 29.3

138 26.3 20.8 31.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

