

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092006.D
 Acq On : 22 Jul 2016 14:09
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

Quant Time: Jul 22 14:41:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 13:51:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22833	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	120056	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	77224	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	172382	5.00	ng	0.00
31) Chrysene-d12	21.76	240	267451	5.00	ng	0.00
40) Perylene-d12	24.16	264	179599	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	57745	13.00	ng	0.00
5) Phenol-d6	7.35	99	88506	13.95	ng	-0.02
9) Nitrobenzene-d5	9.36	82	86222	11.94	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	30367	16.15	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	204562	10.08	ng	-0.01
34) Terphenyl-d14	20.22	244	258170	9.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	27323	8.71	ng	91
3) n-Nitrosodimethylamine	3.80	42	42008	12.62	ng	91
6) bis(2-Chloroethyl)ether	7.61	93	73845	11.46	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	70048	12.51	ng	# 98
10) Nitrobenzene	9.40	77	99702	12.55	ng	# 99
11) bis(2-Chloroethoxy)methane	10.40	93	104791	11.86	ng	# 18
12) Naphthalene	11.04	128	254791	9.25	ng	98
13) Hexachlorobutadiene	11.34	225	34849	8.80	ng	98
14) 2-Methylnaphthalene	12.67	142	170489	9.96	ng	98
18) Acenaphthylene	14.56	152	1420540	12.30	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	270458	17.38	ng	# 10
20) Acenaphthene	14.92	154	189955	9.36	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	363403	22.23	ng	# 1
22) Fluorene	15.90	166	244865	10.22	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	115227	9.61	ng	97
25) 4-Bromophenyl-phenylether	16.78	248	72649	10.14	ng	97
26) Hexachlorobenzene	16.90	284	70542	9.47	ng	98
27) Pentachlorophenol	17.25	266	37834	22.56	ng	91
28) Phenanthrene	17.63	178	420521	9.36	ng	99
29) Anthracene	17.72	178	422710	10.54	ng	99
30) Fluoranthene	19.63	202	1726695	9.65	ng	# 67
32) Benzidine	19.81	184	197098	20.60	ng	# 95
33) Pyrene	19.99	202	1969586	10.17	ng	# 82
35) Benzo(a)anthracene	21.79	228	1287752	21.38	ng	95
36) 3,3'-Dichlorobenzidine	21.67	252	184085	17.18	ng	# 70
37) Chrysene	21.79	228	1295689	17.49	ng	94
38) Bis(2-ethylhexyl)phthalate	21.64	149	787993	15.37	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	1973371	9.76	ng	98
41) Benzo(b)fluoranthene	23.42	252	478070	10.16	ng	98
42) Benzo(k)fluoranthene	23.47	252	483739	10.09	ng	96
43) Benzo(a)pyrene	24.05	252	454239	10.41	ng	95
44) Dibenzo(a,h)anthracene	26.70	278	414524	10.68	ng	97
45) Benzo(g,h,i)perylene	27.45	276	1667841	10.46	ng	95

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QLast Update : Fri Jul 22 13:51:26 2016
Response via : Initial Calibration

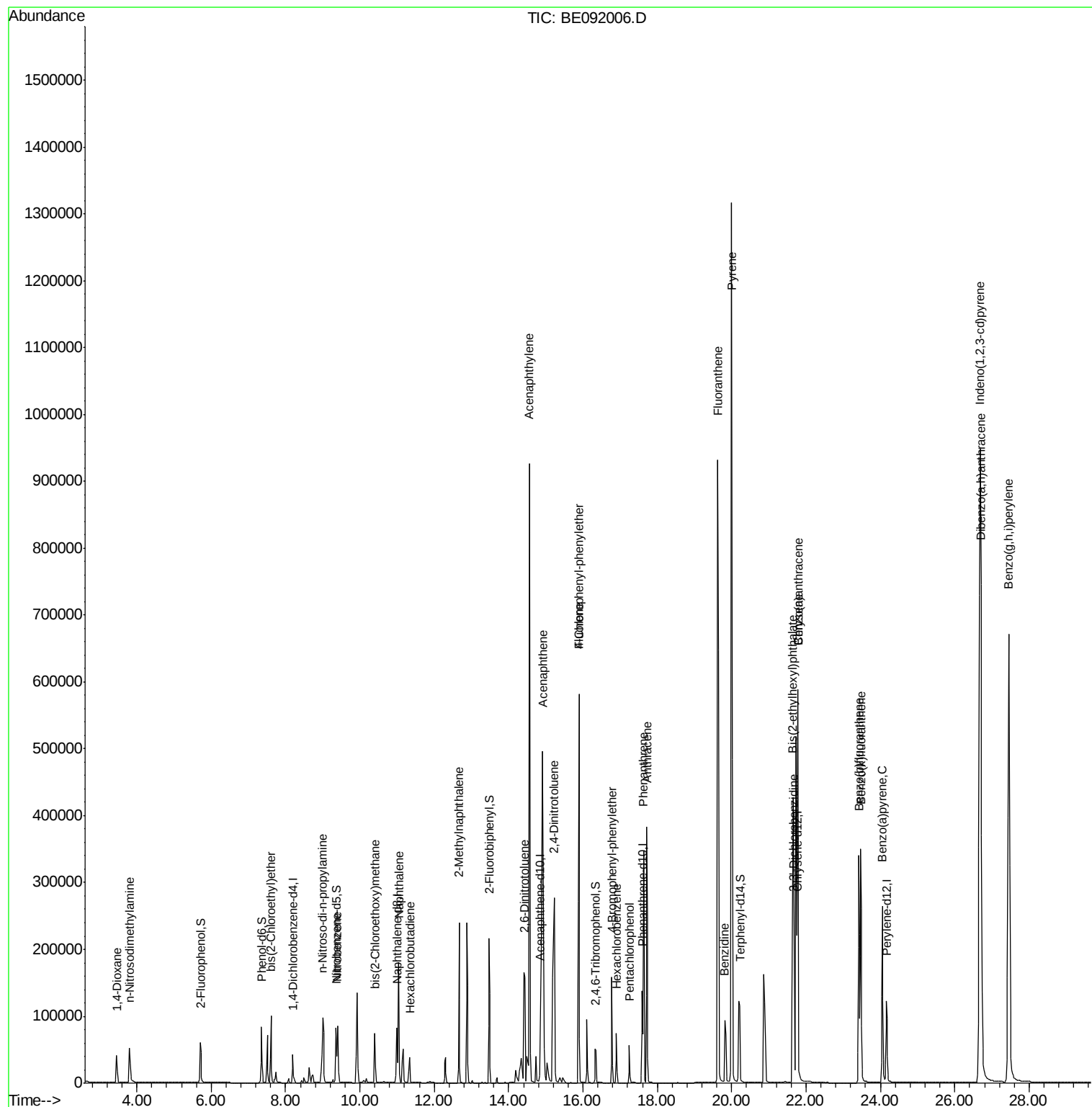
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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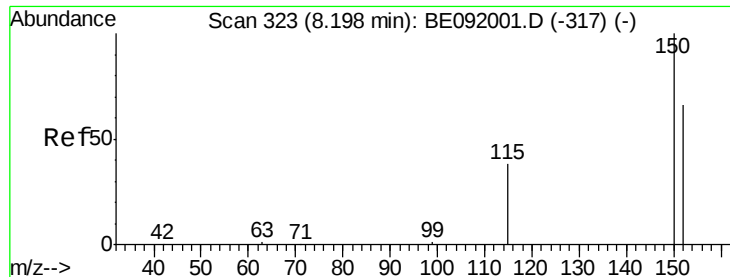
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

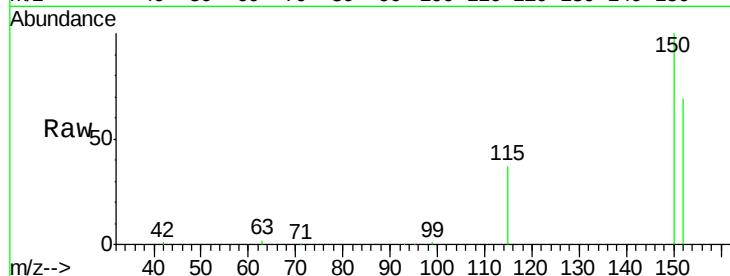
Tgt Ion: 152 Resp: 22833

Ion Ratio Lower Upper

152 100

150 145.4 123.9 185.9

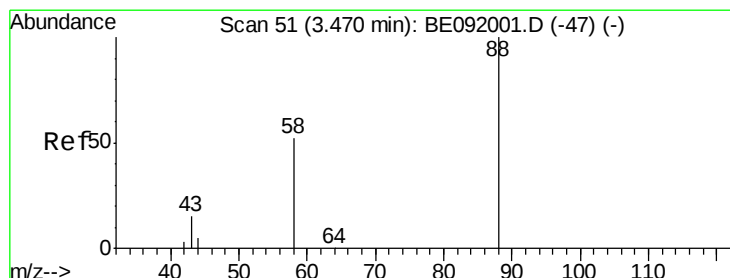
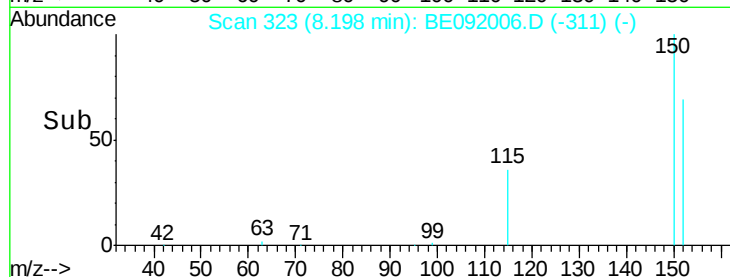
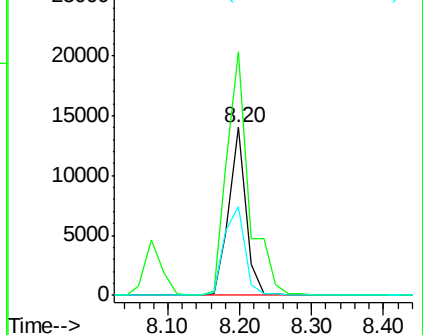
115 53.2 48.3 72.5



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: 8.71 ng

RT: 3.46 min Scan# 50

Delta R.T. -0.01 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

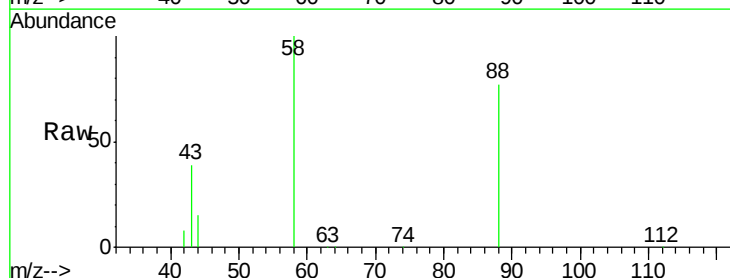
Tgt Ion: 88 Resp: 27323

Ion Ratio Lower Upper

88 100

58 89.9 63.0 94.4

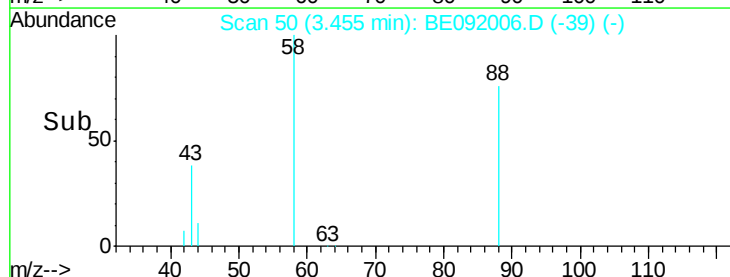
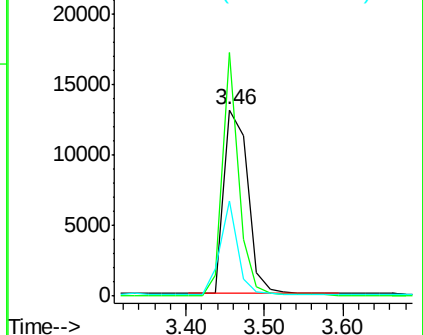
43 37.0 29.1 43.7

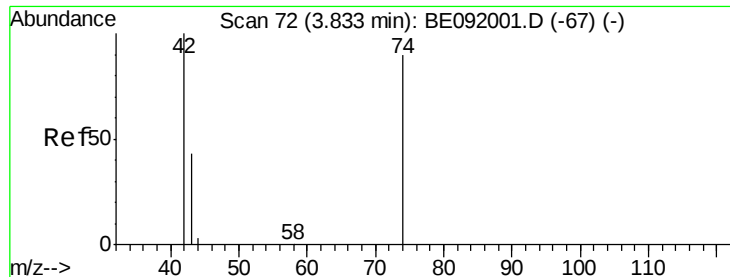


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



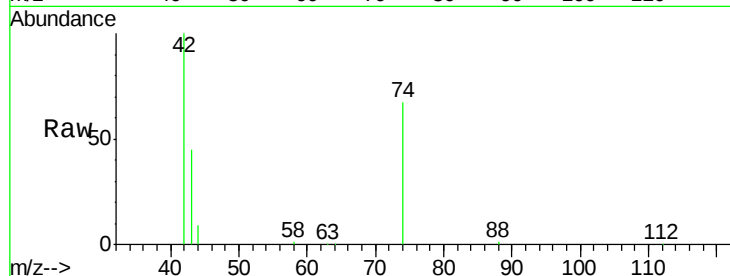


#3

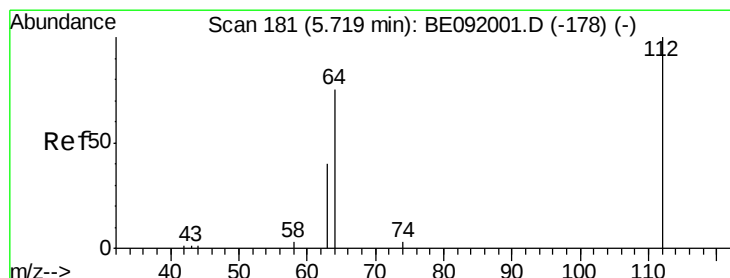
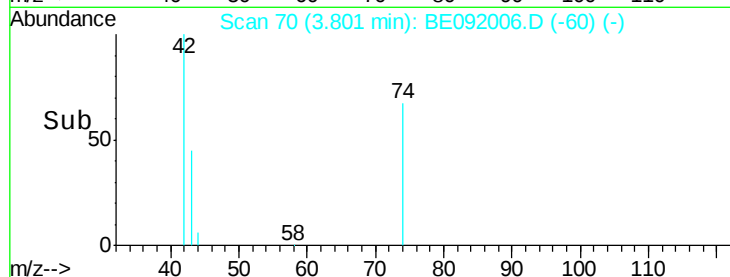
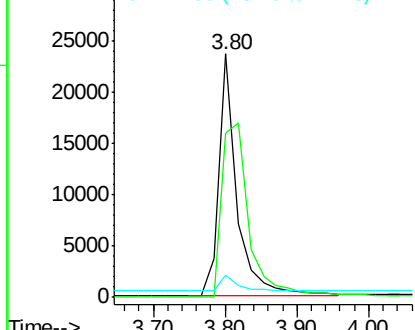
n-Nitrosodimethylamine
Concen: 12.62 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Instrument :
BNA_E
ClientSampleId :
SSTDIC010

Tgt Ion: 42 Resp: 42008
Ion Ratio Lower Upper
42 100
74 106.1 93.4 140.0
44 6.4 5.0 7.6



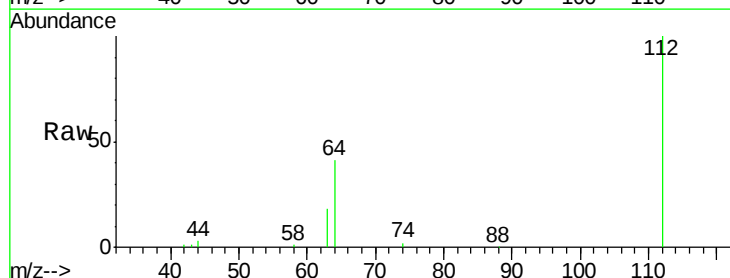
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



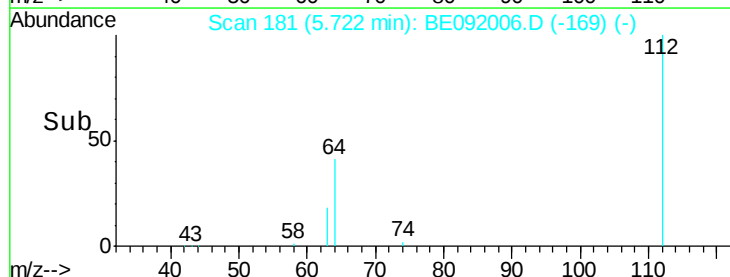
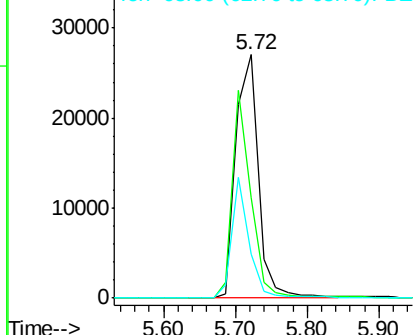
#4

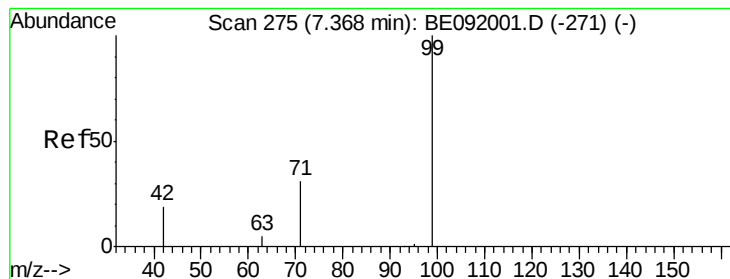
2-Fluorophenol
Concen: 13.00 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion: 112 Resp: 57745
Ion Ratio Lower Upper
112 100
64 69.6 53.7 80.5
63 38.0 29.5 44.3



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: 13.95 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

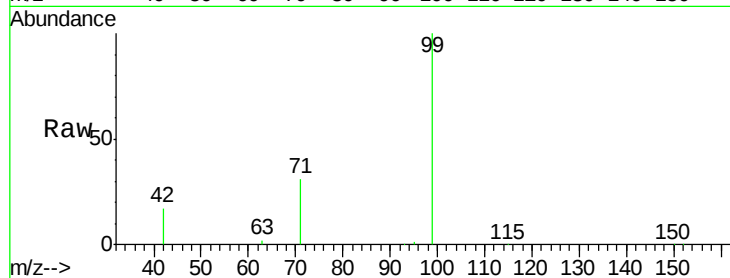
Tgt Ion: 99 Resp: 88506

Ion Ratio Lower Upper

99 100

42 26.3 19.6 29.4

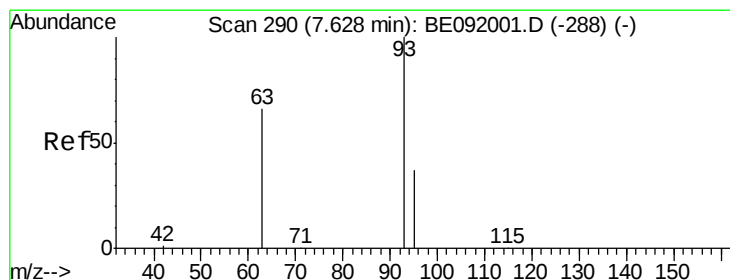
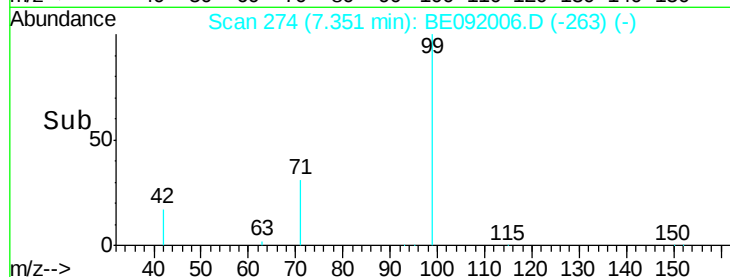
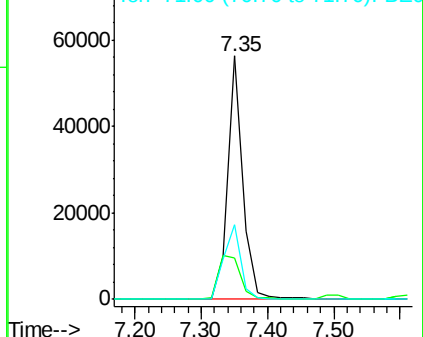
71 35.2 28.1 42.1



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

bis(2-Chloroethyl)ether

Concen: 11.46 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

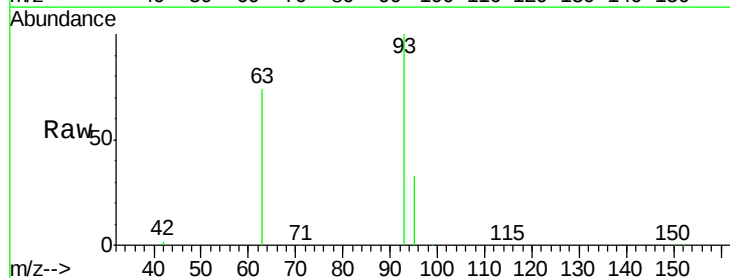
Tgt Ion: 93 Resp: 73845

Ion Ratio Lower Upper

93 100

63 85.5 66.2 99.4

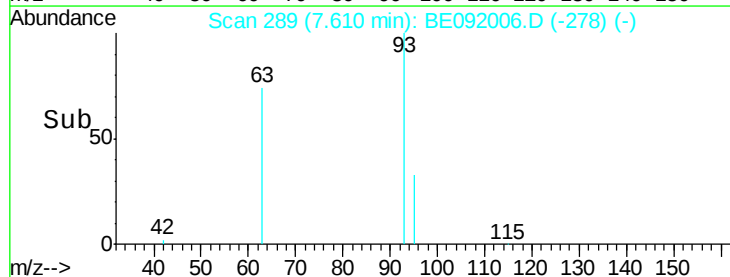
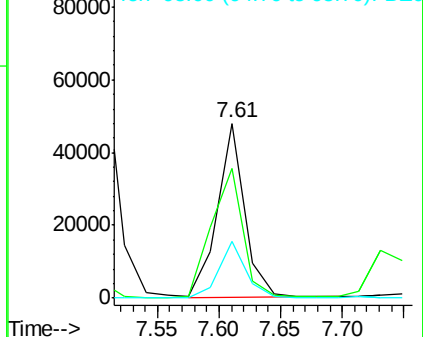
95 32.4 25.5 38.3

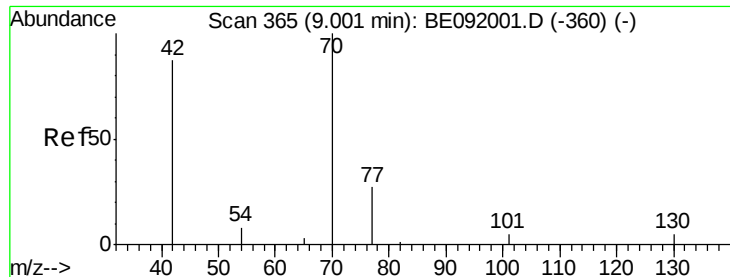


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 12.51 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

Tgt Ion: 70 Resp: 70048

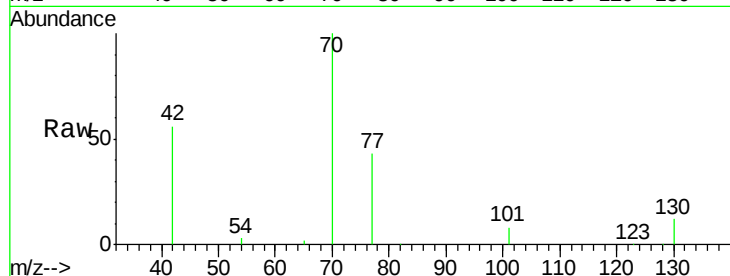
Ion Ratio Lower Upper

70 100

42 75.1 58.4 87.6

101 8.5 6.4 9.6

130 16.7 0.0 0.0#

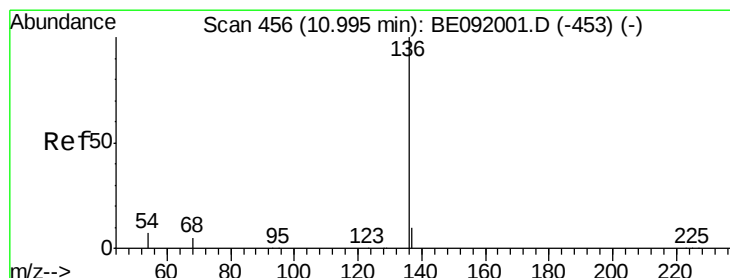
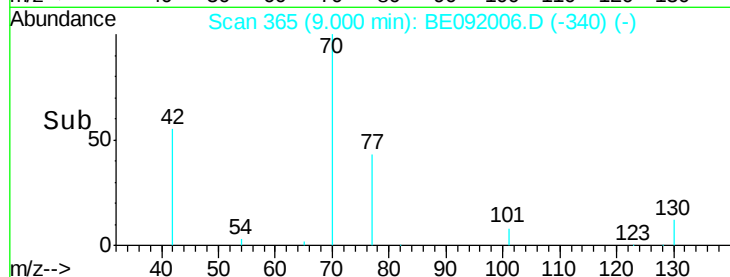
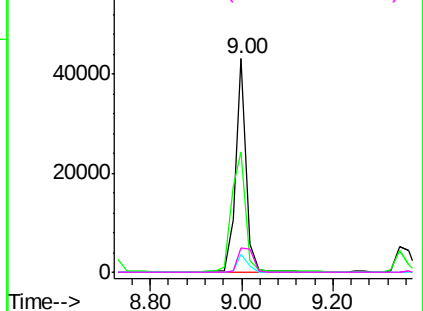


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Tgt Ion: 136 Resp: 120056

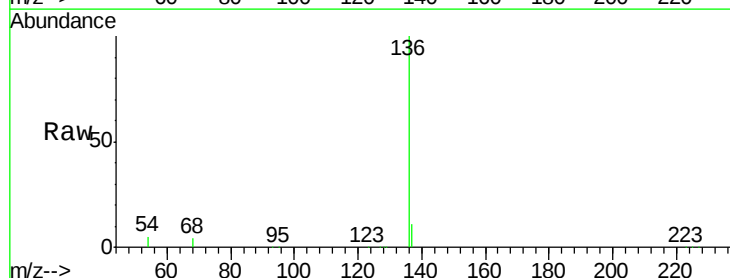
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 5.5 8.2 12.4#

68 4.3 5.9 8.9#

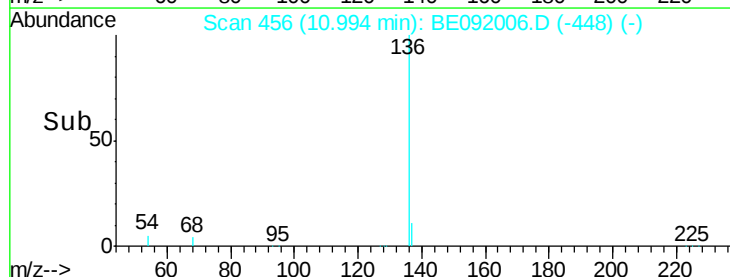
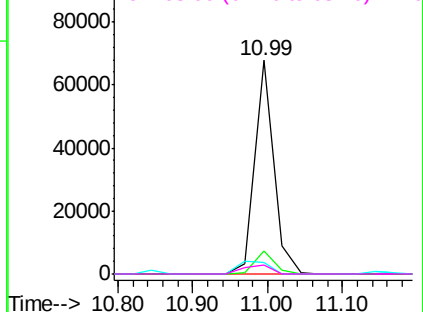


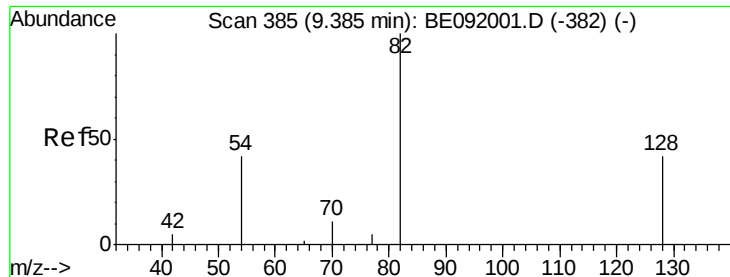
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 11.94 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

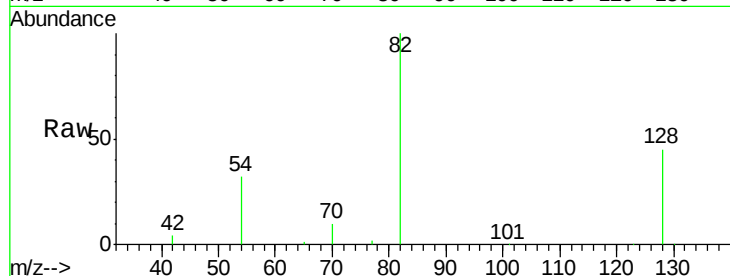
Tgt Ion: 82 Resp: 86222

Ion Ratio Lower Upper

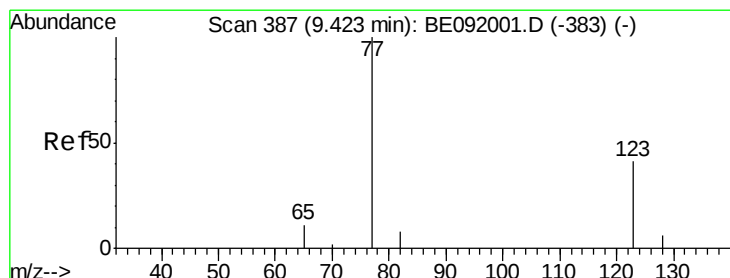
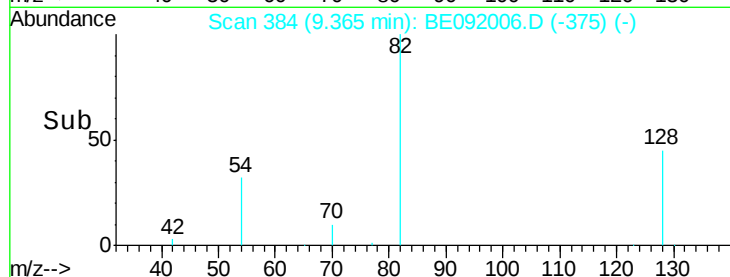
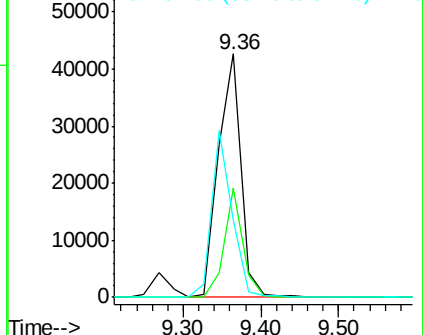
82 100

128 45.0 39.5 59.3

54 31.9 30.3 45.5



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: 12.55 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

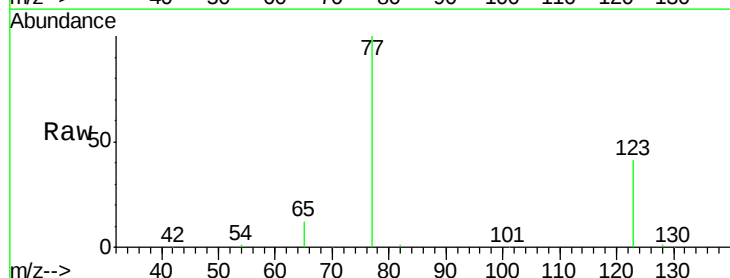
Tgt Ion: 77 Resp: 99702

Ion Ratio Lower Upper

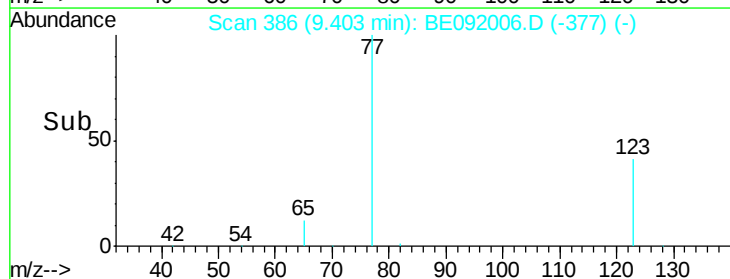
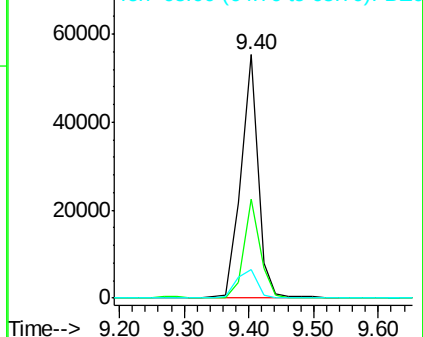
77 100

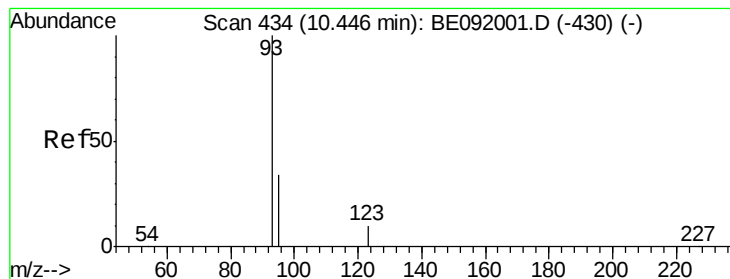
123 38.6 0.0 0.0#

65 14.2 11.1 16.7



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

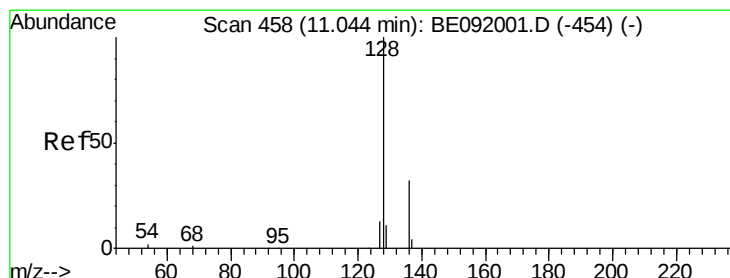
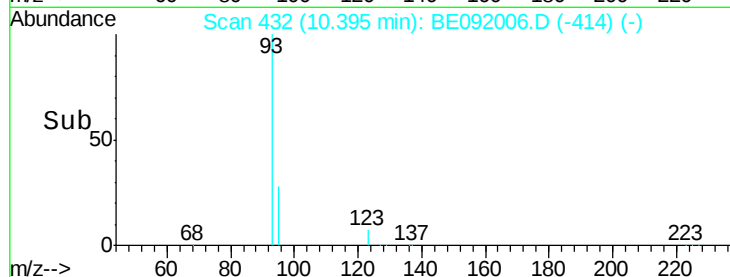
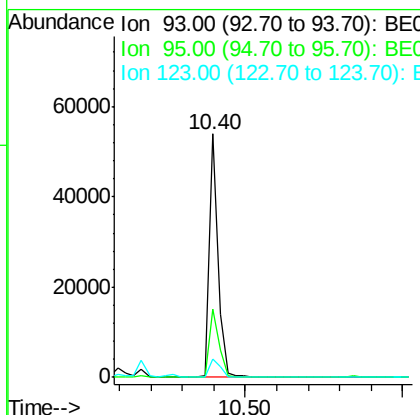
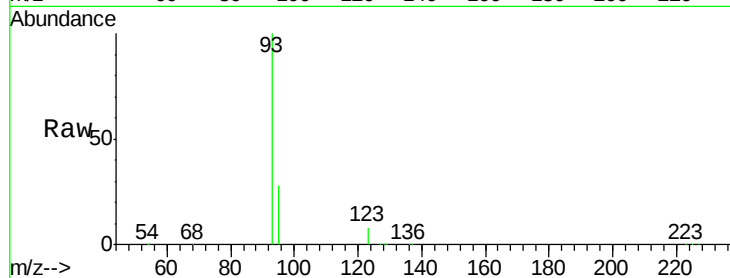




#11
bis(2-Chloroethoxy)methane
Concen: 11.86 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

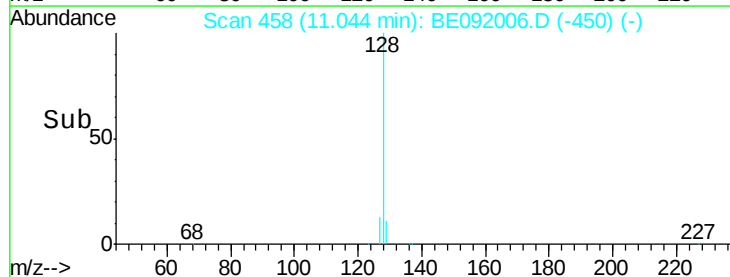
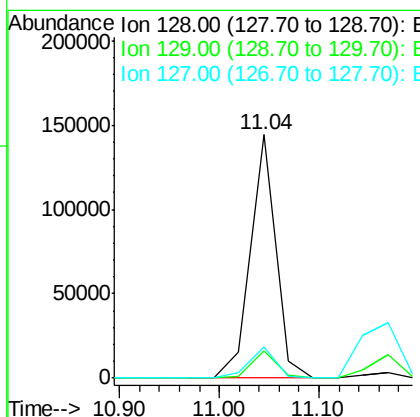
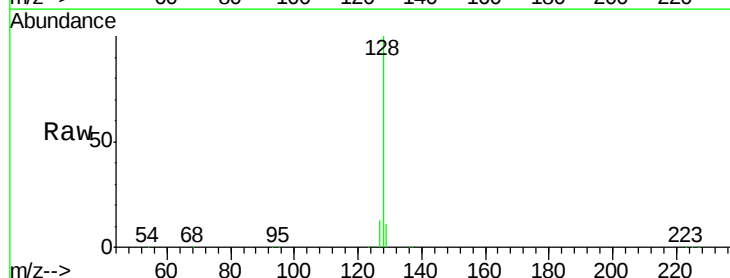
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

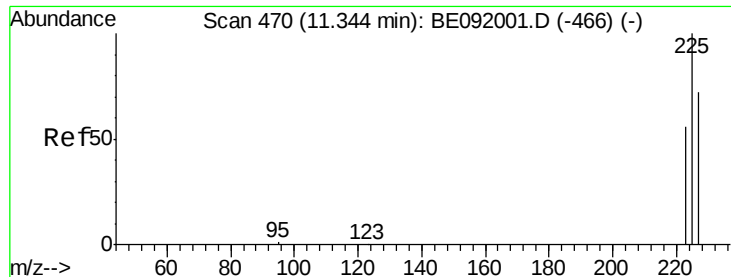
Tgt Ion: 93 Resp: 104791
Ion Ratio Lower Upper
93 100
95 31.2 57.6 86.4#
123 9.5 100.2 150.4#



#12
Naphthalene
Concen: 9.25 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion: 128 Resp: 254791
Ion Ratio Lower Upper
128 100
129 11.3 10.4 15.6
127 12.8 10.2 15.2

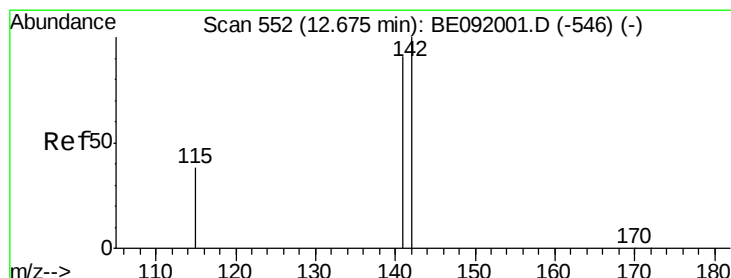
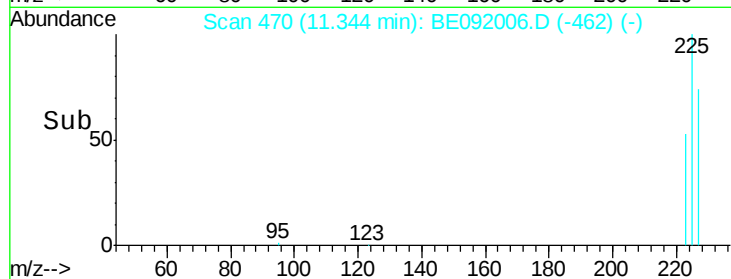
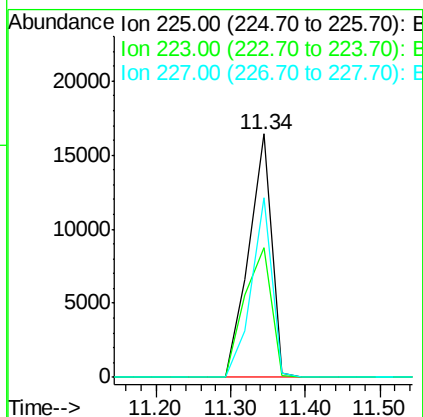
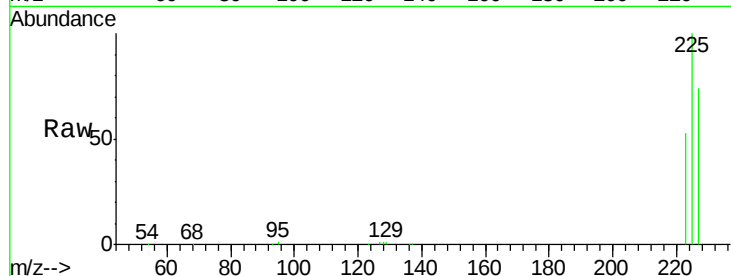




#13
Hexachlorobutadiene
Concen: 8.80 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

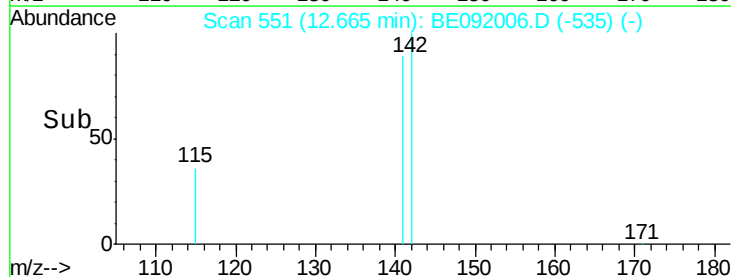
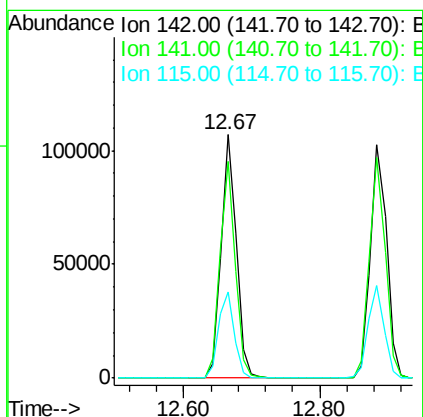
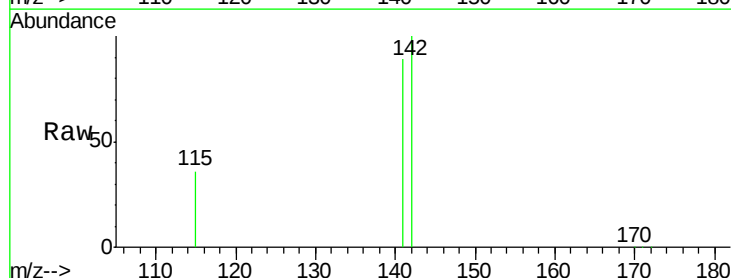
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

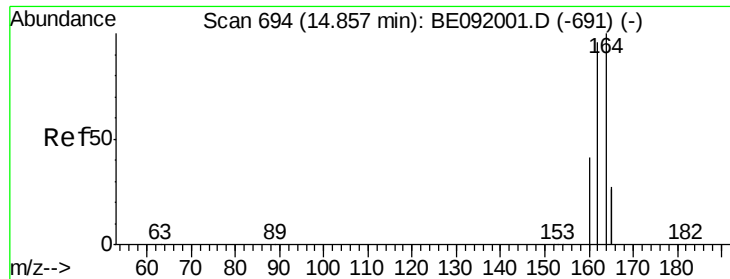
Tgt Ion: 225 Resp: 34849
Ion Ratio Lower Upper
225 100
223 61.6 49.8 74.8
227 66.3 50.6 75.8



#14
2-Methylnaphthalene
Concen: 9.96 ng
RT: 12.67 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion: 142 Resp: 170489
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9
115 35.6 29.9 44.9

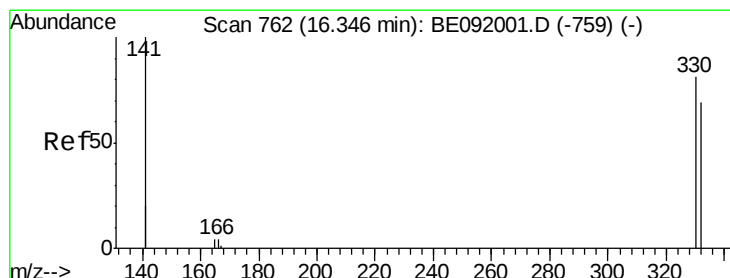
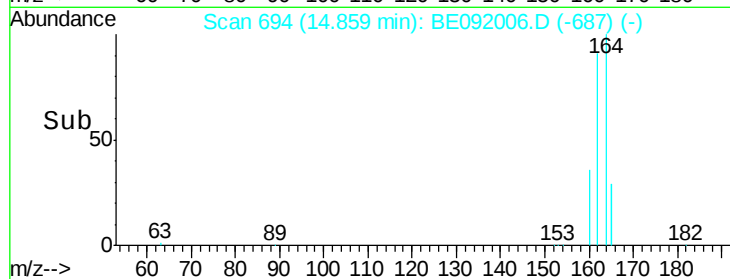
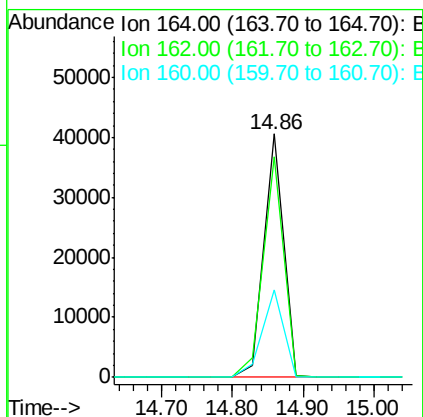
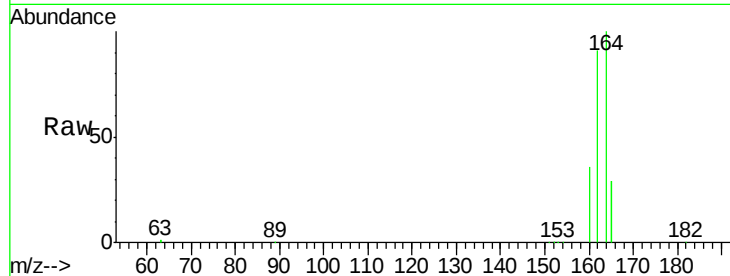




#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BE092006.D
 Acq: 22 Jul 2016 14:09

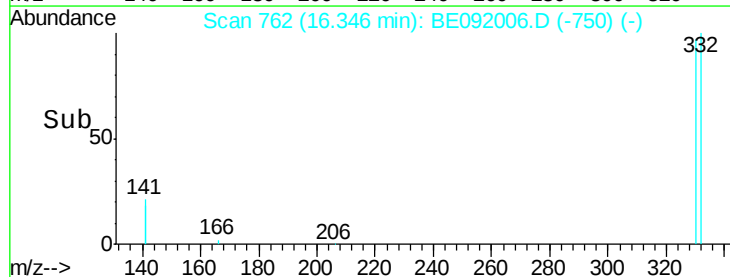
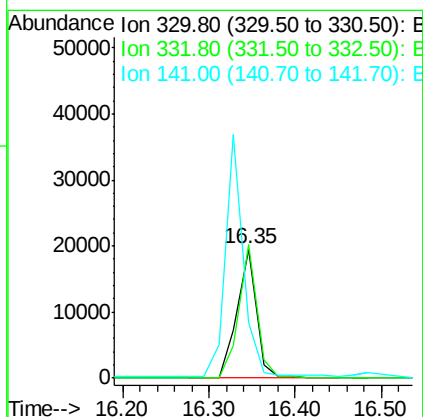
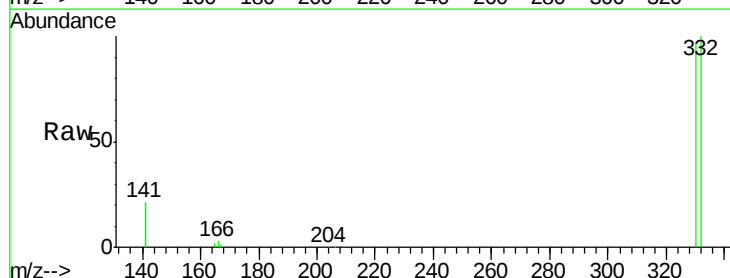
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

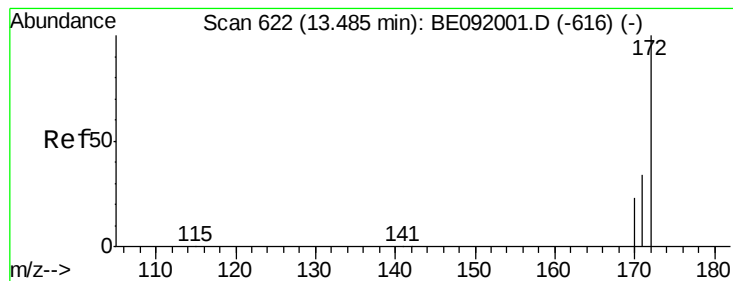
Tgt Ion:164 Resp: 77224
 Ion Ratio Lower Upper
 164 100
 162 90.7 71.8 107.8
 160 35.8 28.0 42.0



#16
 2,4,6-Tribromophenol
 Concen: 16.15 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE092006.D
 Acq: 22 Jul 2016 14:09

Tgt Ion:330 Resp: 30367
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 174.5 138.4 207.6

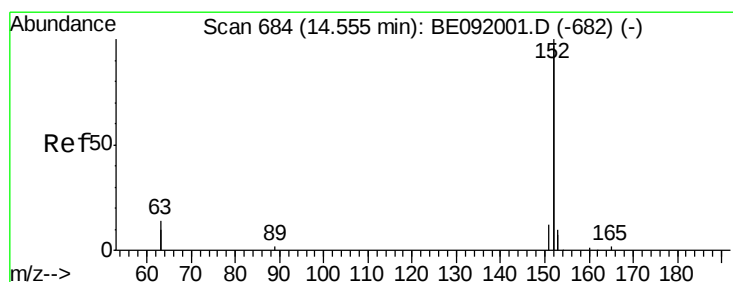
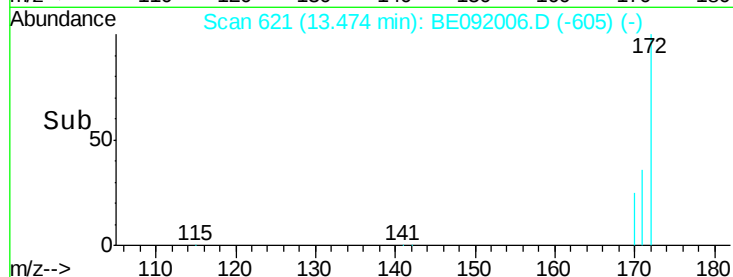
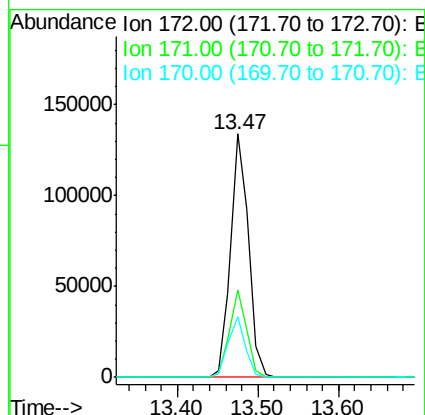
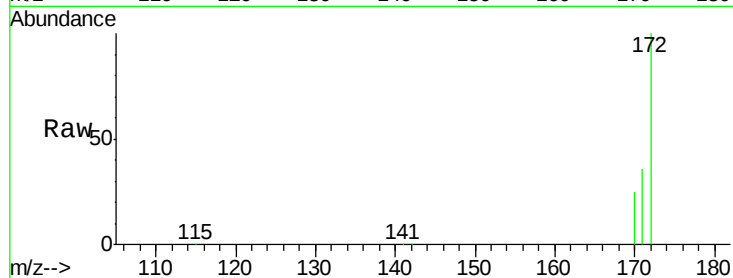




#17
2-Fluorobiphenyl
Concen: 10.08 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

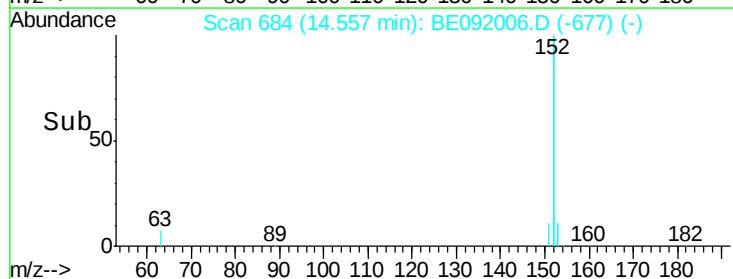
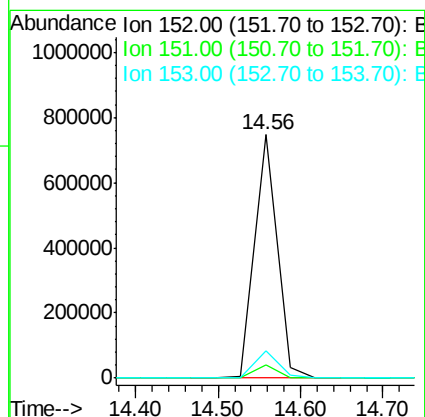
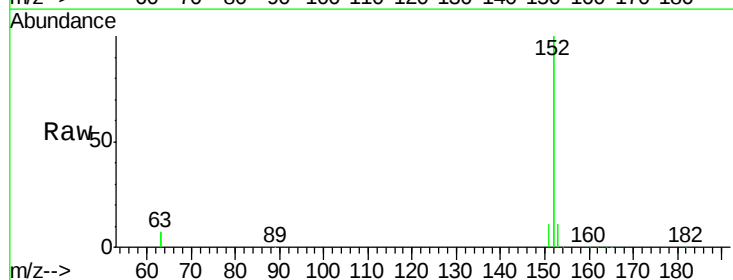
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

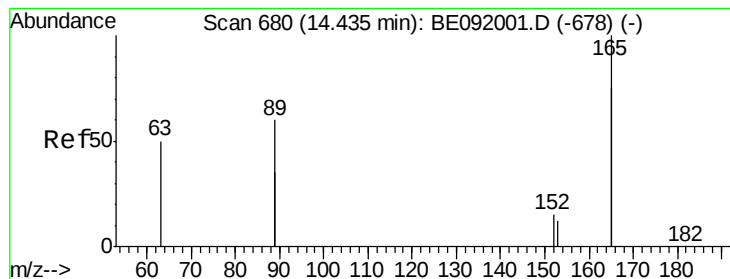
Tgt Ion:172 Resp: 204562
Ion Ratio Lower Upper
172 100
171 35.8 24.3 36.5
170 24.7 14.9 22.3#



#18
Acenaphthylene
Concen: 12.30 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion:152 Resp: 1420540
Ion Ratio Lower Upper
152 100
151 5.3 19.4 29.2#
153 11.7 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 17.38 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

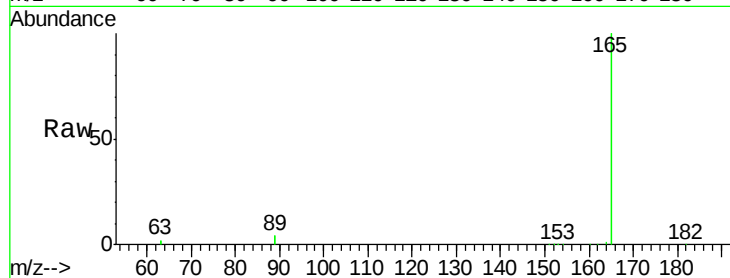
Tgt Ion:165 Resp: 270458

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

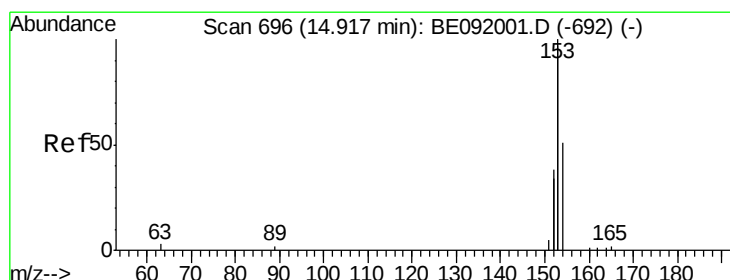
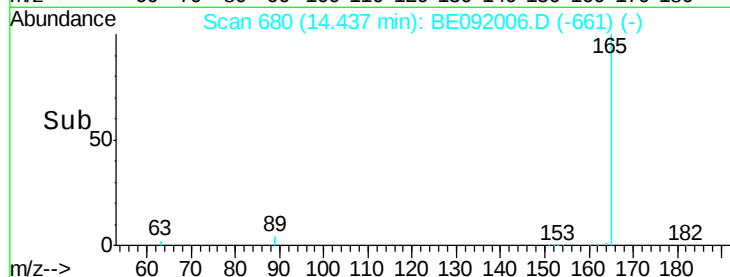
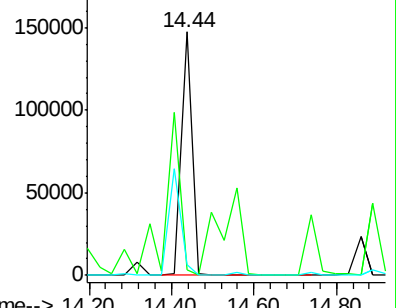
89 0.0 59.1 88.7#



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: 9.36 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

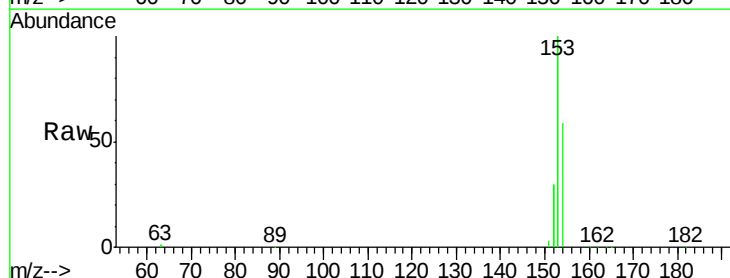
Tgt Ion:154 Resp: 189955

Ion Ratio Lower Upper

154 100

153 368.3 88.1 132.1#

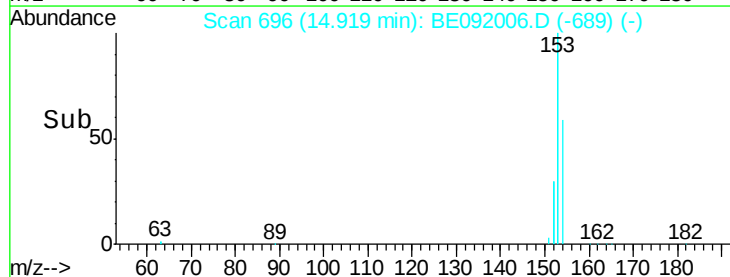
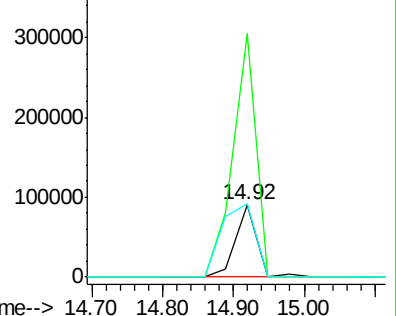
152 160.4 44.2 66.2#

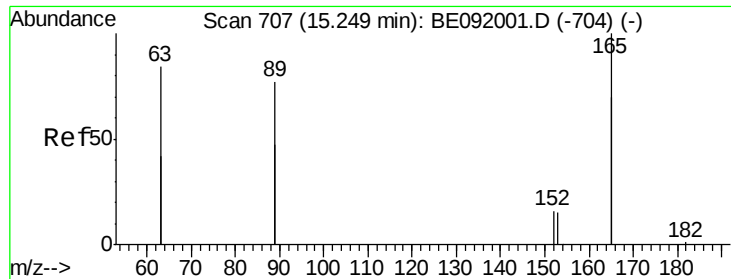


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

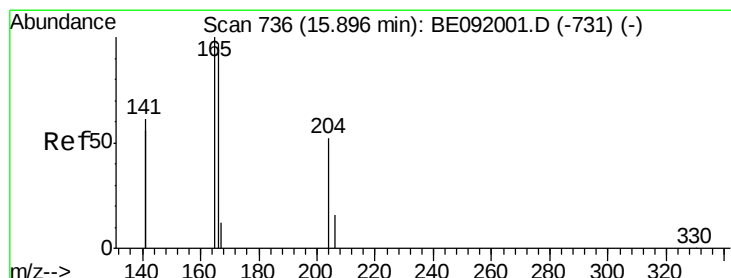
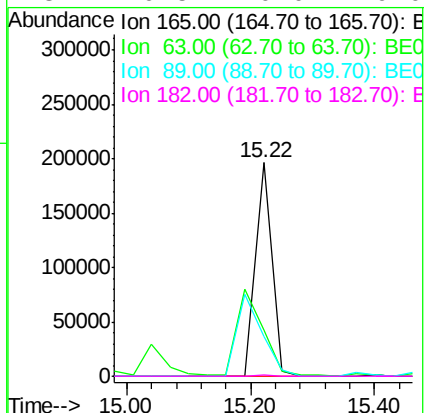
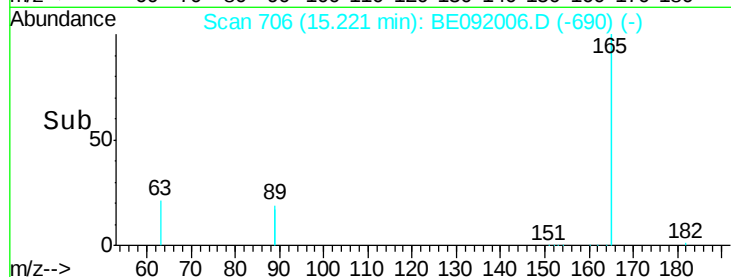
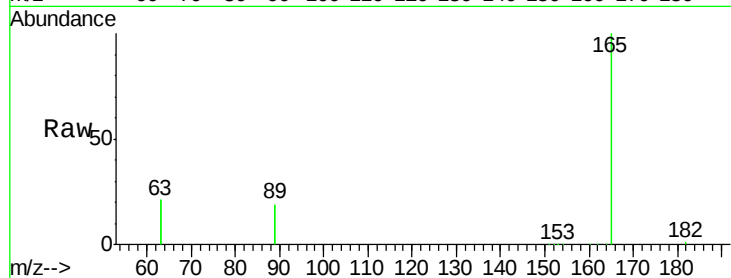




#21
2,4-Dinitrotoluene
Concen: 22.23 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

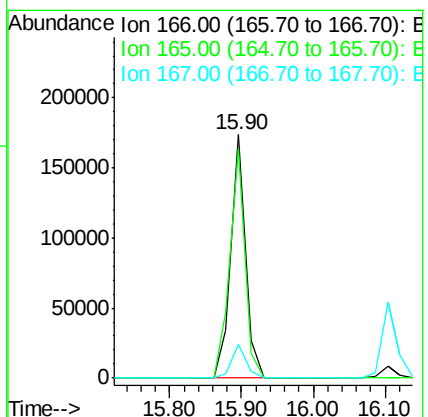
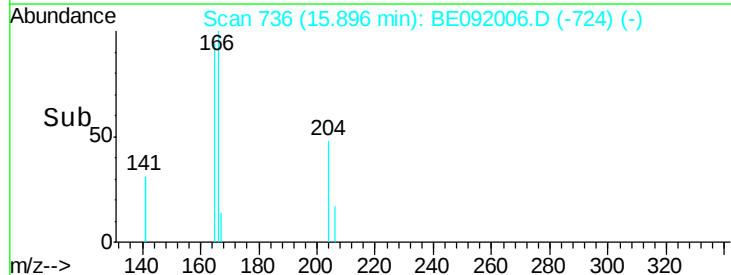
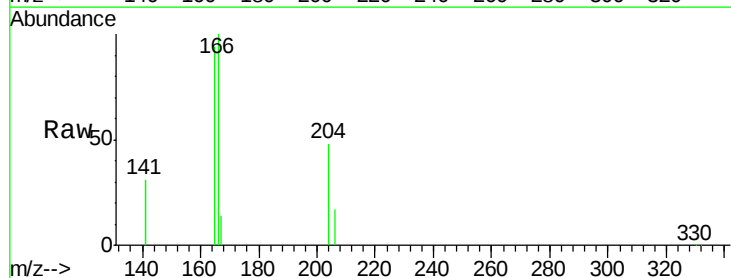
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

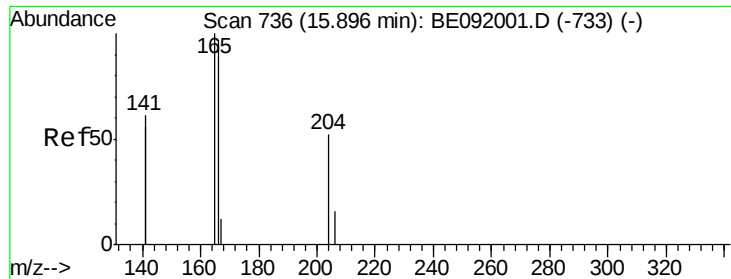
Tgt Ion:165 Resp: 363403
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.5 0.0 0.0#



#22
Fluorene
Concen: 10.22 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion:166 Resp: 244865
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.8 10.8 16.2

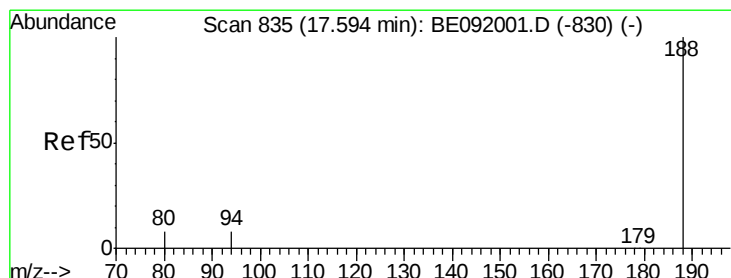
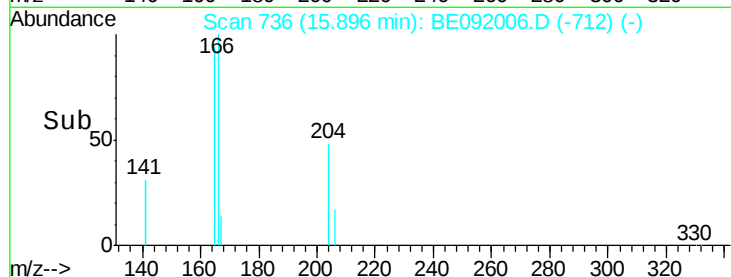
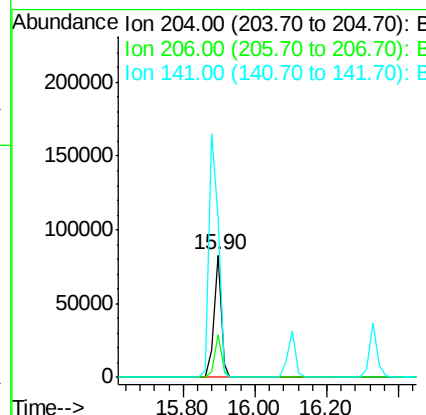
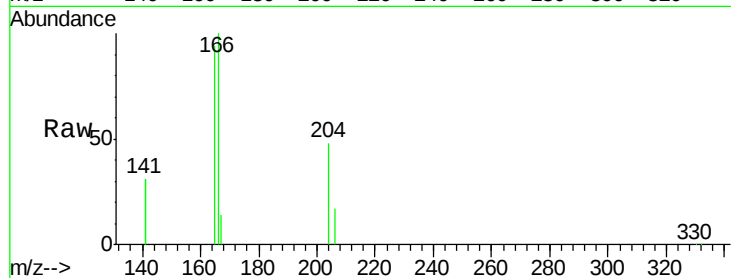




#23
4-Chlorophenyl-phenylether
Concen: 9.61 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

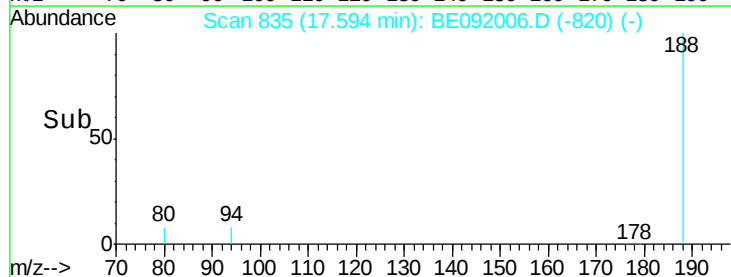
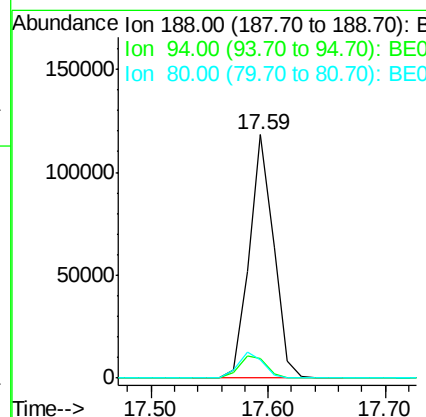
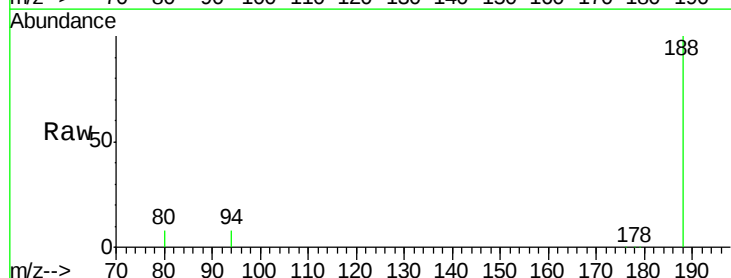
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

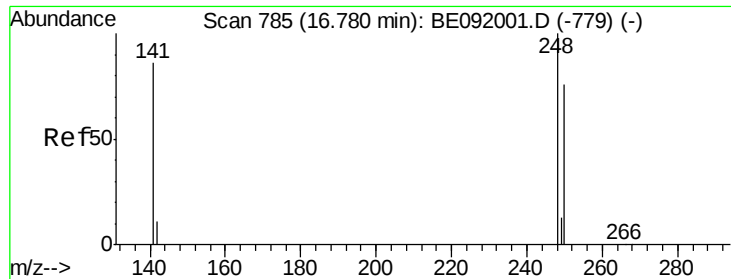
Tgt Ion:204 Resp: 115227
Ion Ratio Lower Upper
204 100
206 34.2 27.8 41.6
141 253.2 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion:188 Resp: 172382
Ion Ratio Lower Upper
188 100
94 8.2 4.1 6.1#
80 7.6 3.4 5.2#

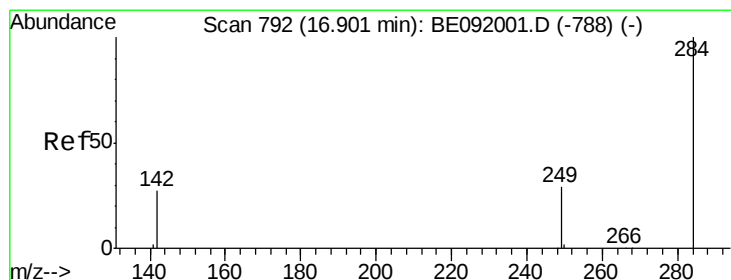
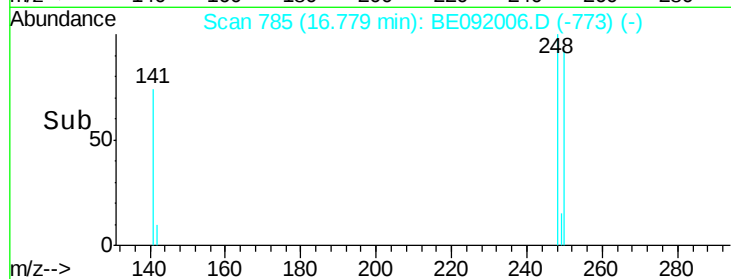
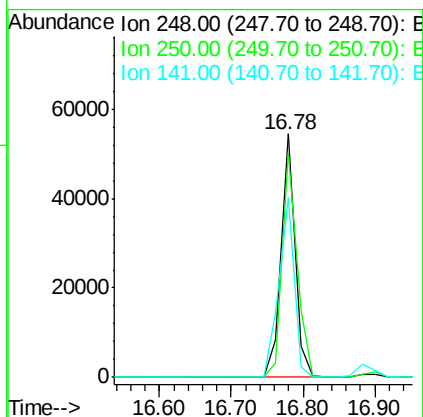
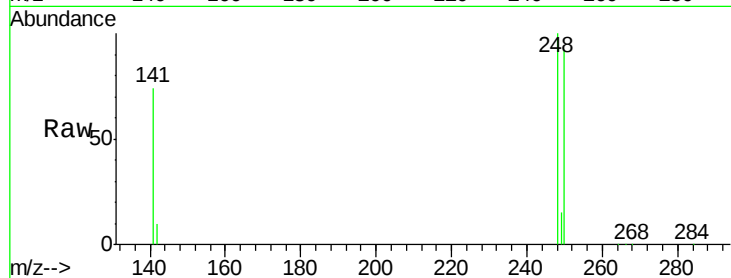




#25
4-Bromophenyl-phenylether
Concen: 10.14 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

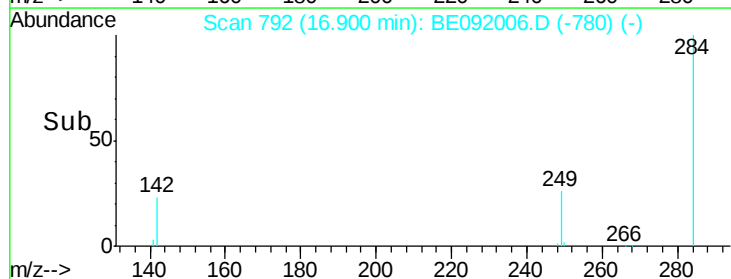
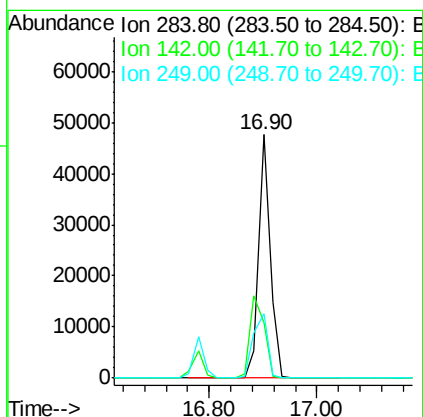
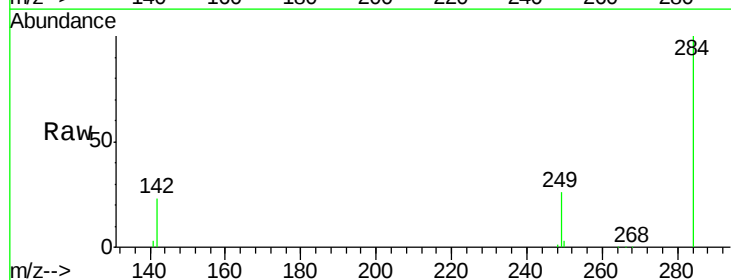
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

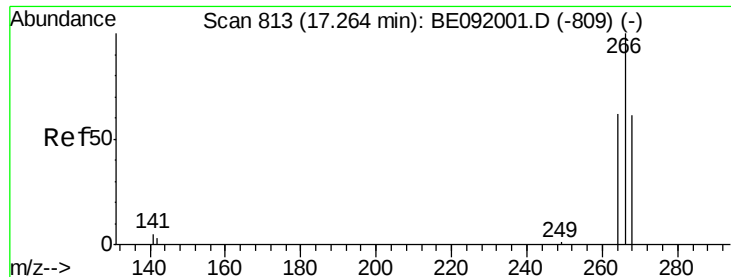
Tgt Ion:248 Resp: 72649
Ion Ratio Lower Upper
248 100
250 98.3 75.7 113.5
141 81.9 64.6 97.0



#26
Hexachlorobenzene
Concen: 9.47 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092006.D
Acq: 22 Jul 2016 14:09

Tgt Ion:284 Resp: 70542
Ion Ratio Lower Upper
284 100
142 40.9 31.4 47.2
249 32.4 25.3 37.9





#27

Pentachlorophenol

Concen: 22.56 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

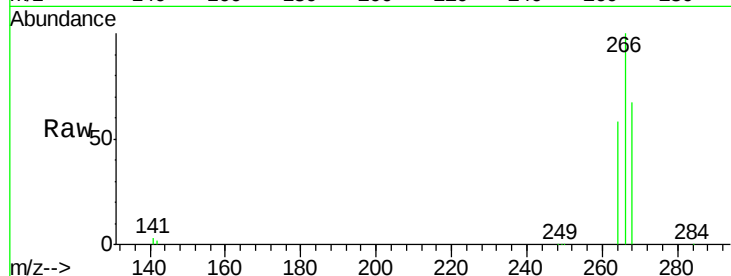
Tgt Ion:266 Resp: 37834

Ion Ratio Lower Upper

266 100

268 66.8 60.5 90.7

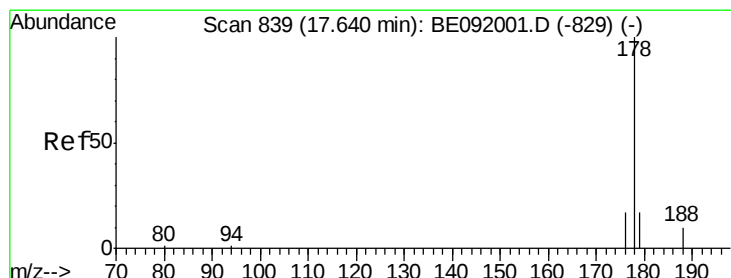
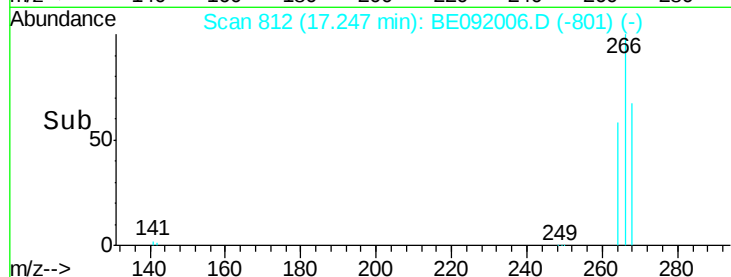
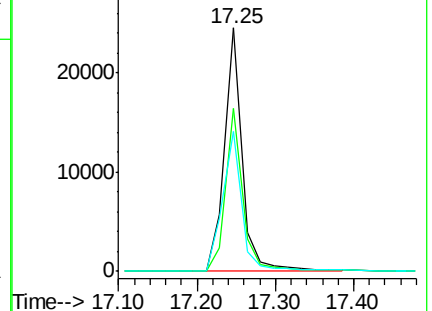
264 57.6 51.0 76.4



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: 9.36 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

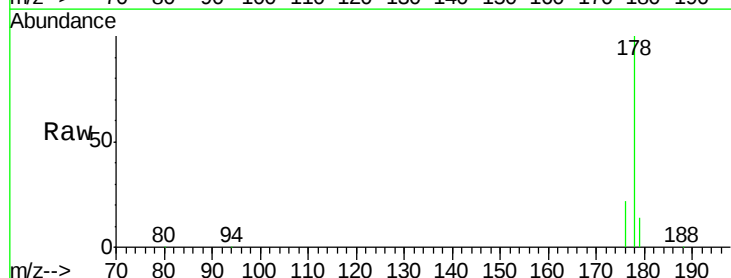
Tgt Ion:178 Resp: 420521

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

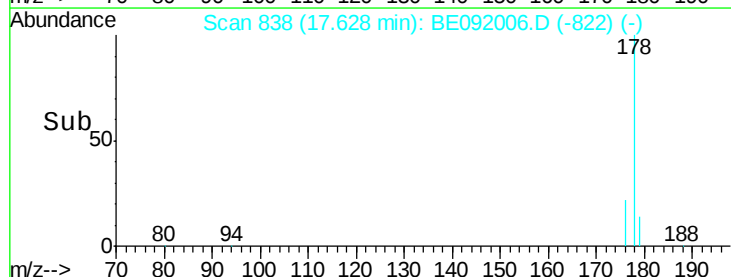
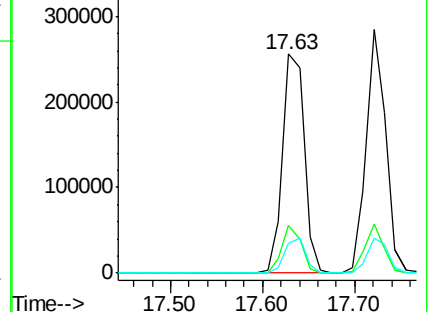
179 15.5 12.9 19.3

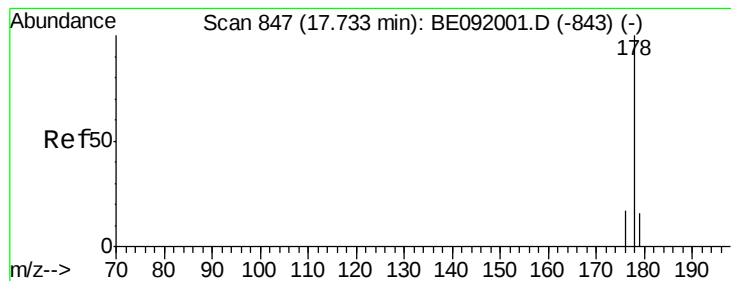


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 10.54 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

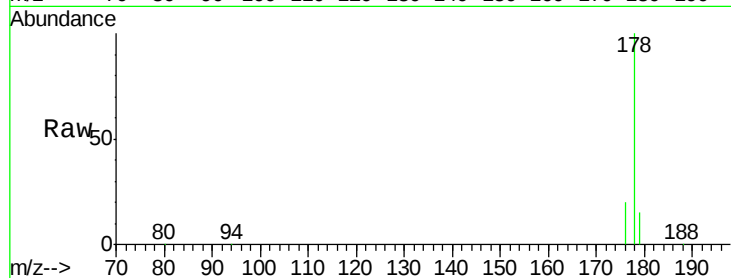
Tgt Ion:178 Resp: 422710

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

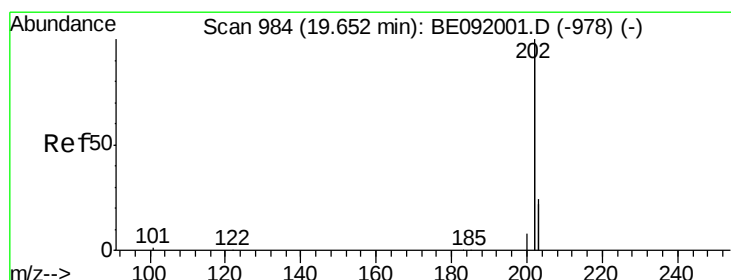
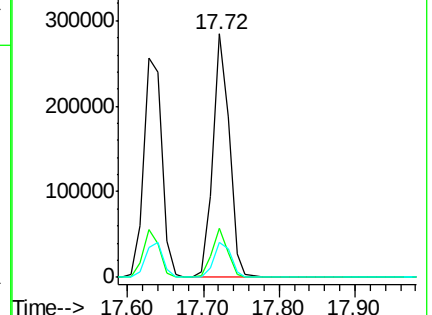
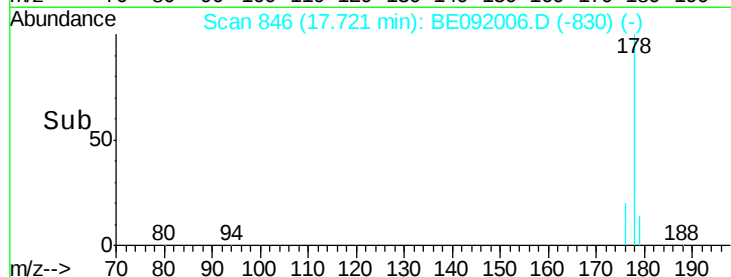
179 15.4 12.1 18.1



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



#30

Fluoranthene

Concen: 9.65 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

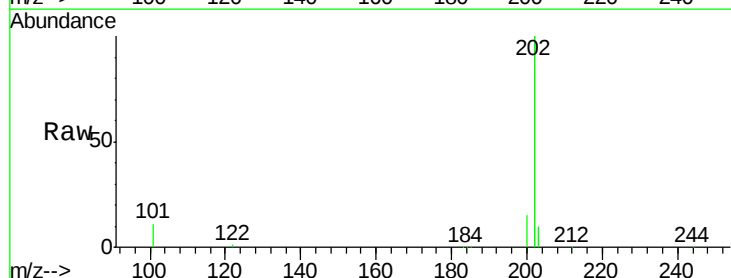
Tgt Ion:202 Resp: 1726695

Ion Ratio Lower Upper

202 100

101 3.6 9.4 14.0#

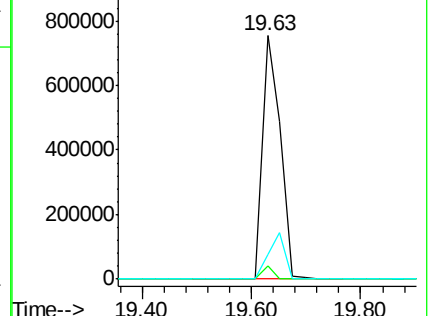
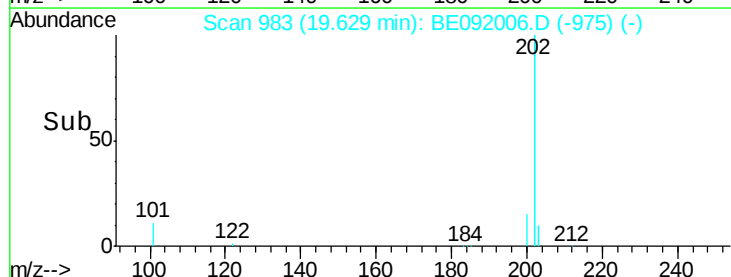
203 0.0 14.3 21.5#

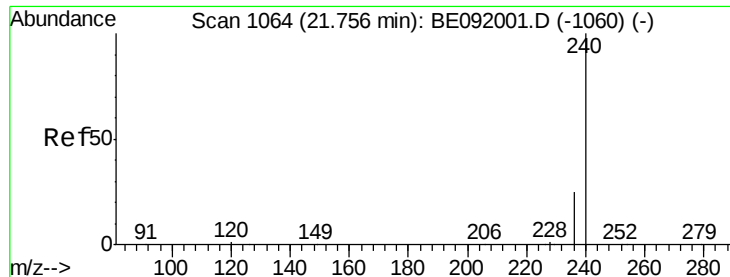


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

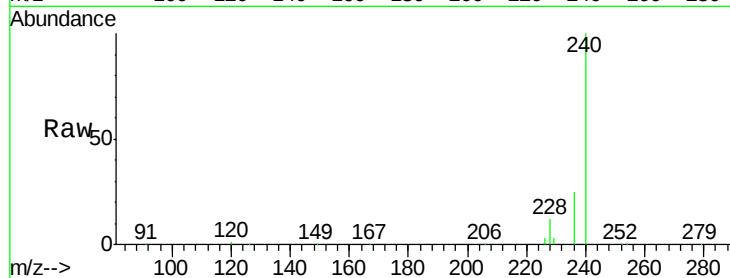
Tgt Ion:240 Resp: 267451

Ion Ratio Lower Upper

240 100

120 0.9 1.2 1.8#

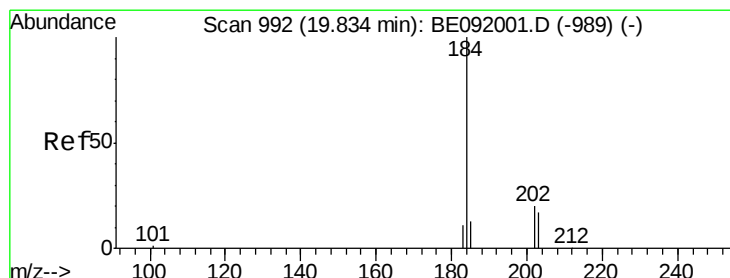
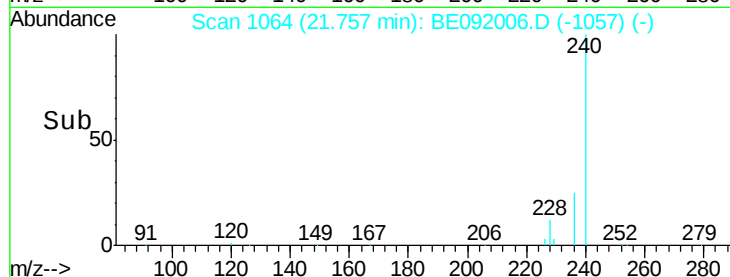
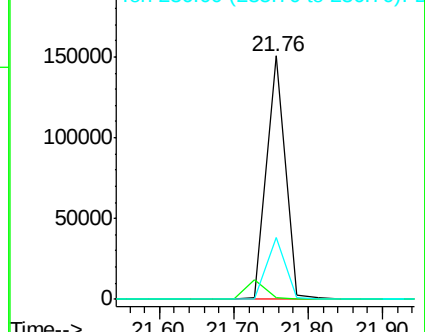
236 25.2 19.8 29.8



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: 20.60 ng

RT: 19.81 min Scan# 991

Delta R.T. -0.02 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

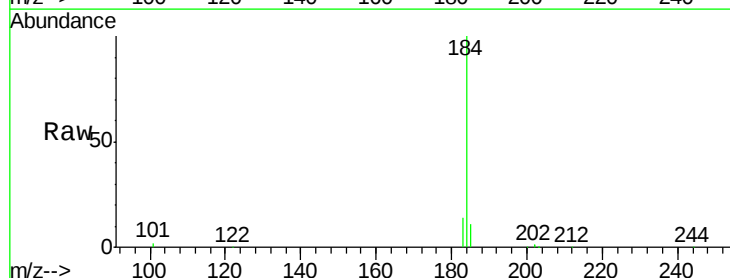
Tgt Ion:184 Resp: 197098

Ion Ratio Lower Upper

184 100

185 10.5 11.4 17.2#

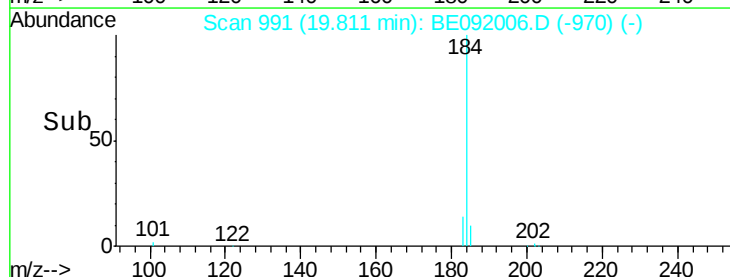
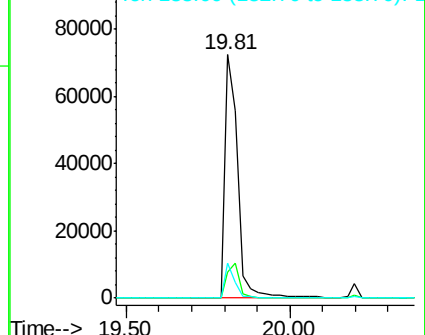
183 14.4 11.8 17.6

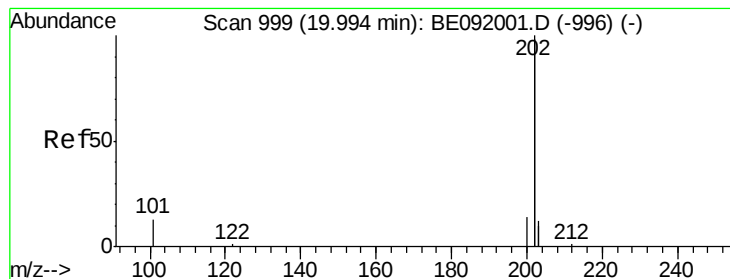


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 10.17 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

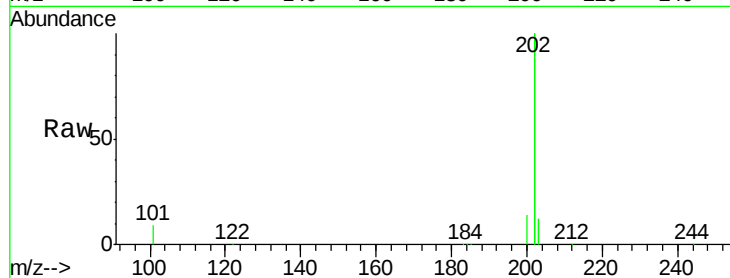
Tgt Ion:202 Resp: 1969586

Ion Ratio Lower Upper

202 100

200 5.9 16.9 25.3#

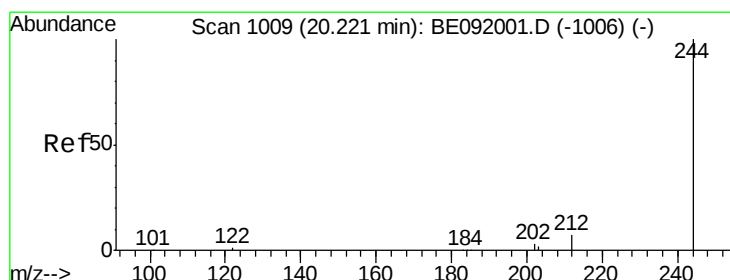
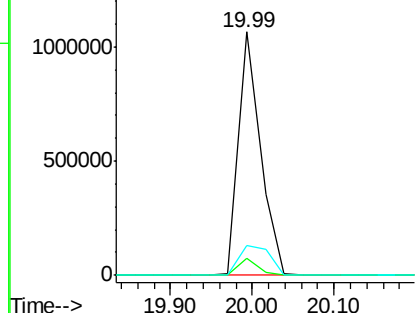
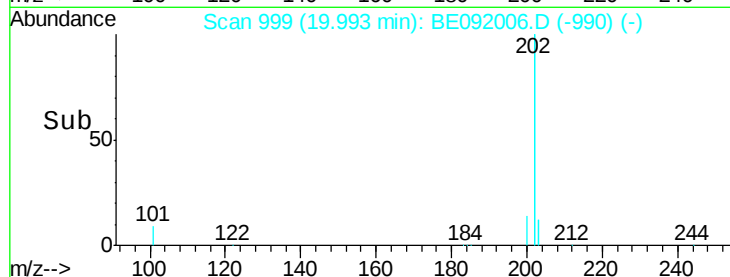
203 17.1 14.1 21.1



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



#34

Terphenyl-d14

Concen: 9.56 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

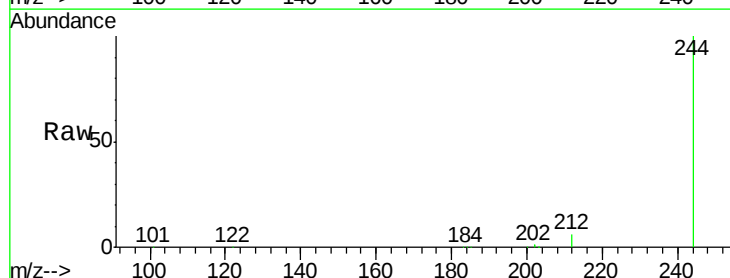
Tgt Ion:244 Resp: 258170

Ion Ratio Lower Upper

244 100

212 6.2 6.5 9.7#

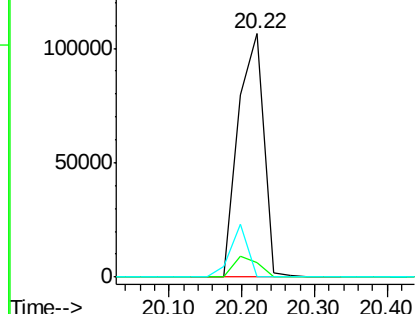
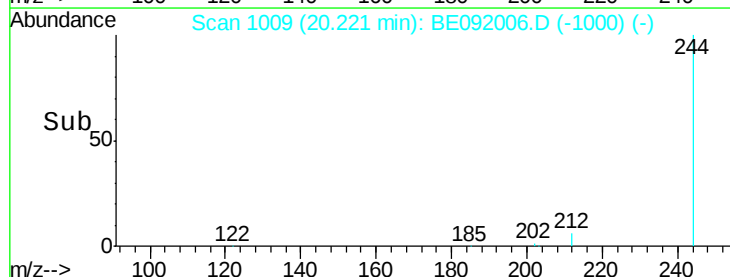
122 0.4 2.9 4.3#

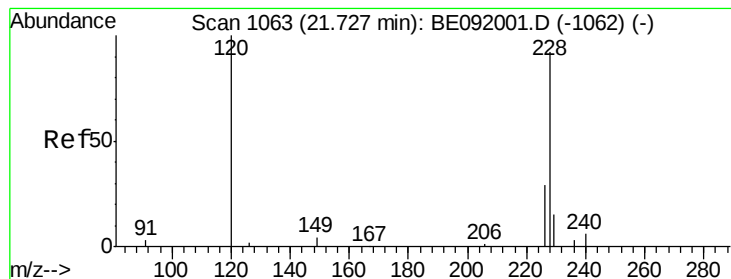


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 21.38 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

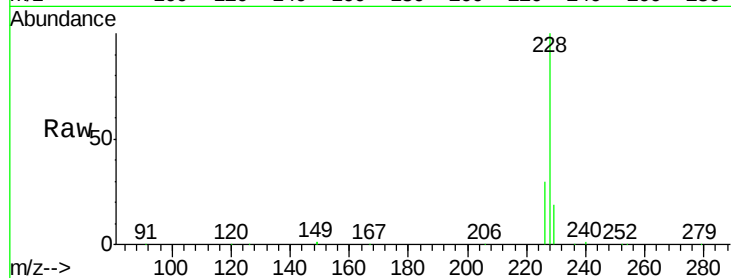
Tgt Ion: 228 Resp: 1287752

Ion Ratio Lower Upper

228 100

226 30.2 21.0 31.4

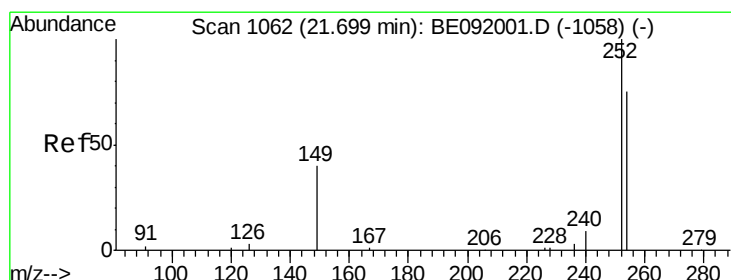
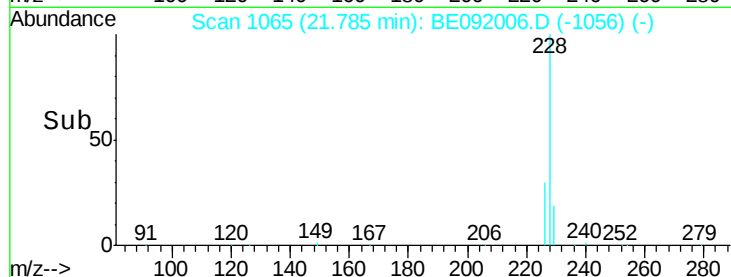
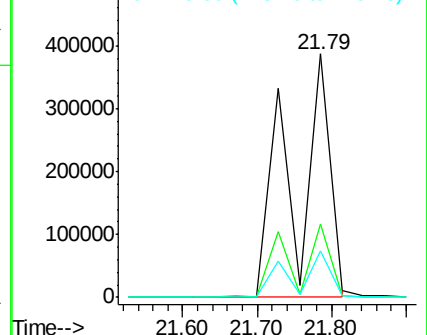
229 19.1 15.8 23.8



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



#36

3,3'-Dichlorobenzidine

Concen: 17.18 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

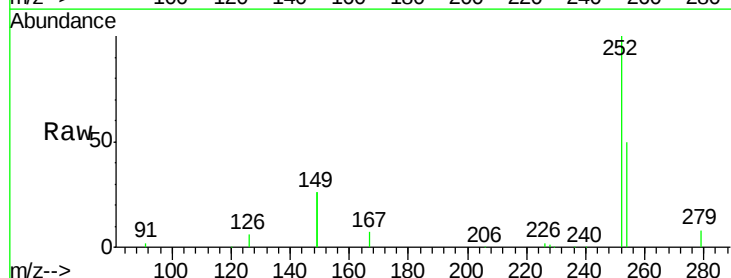
Tgt Ion: 252 Resp: 184085

Ion Ratio Lower Upper

252 100

254 50.4 61.5 92.3#

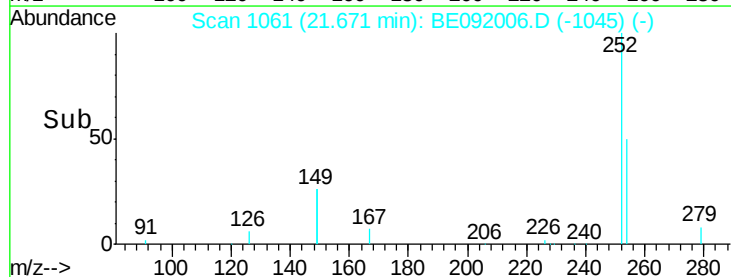
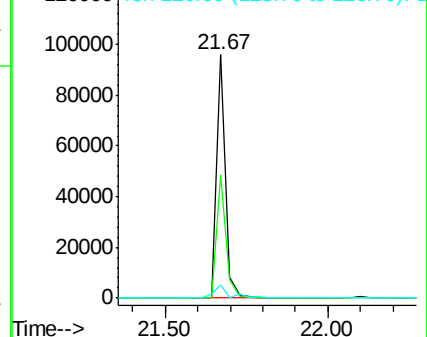
126 5.6 2.5 3.7#

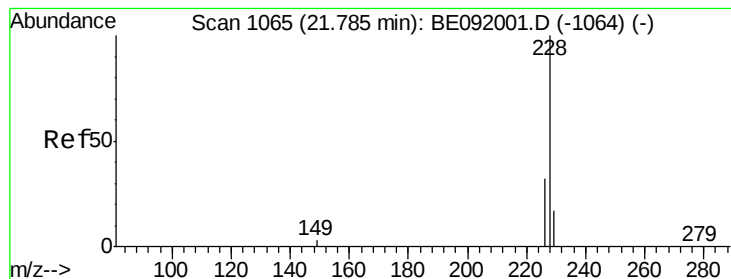


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 17.49 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

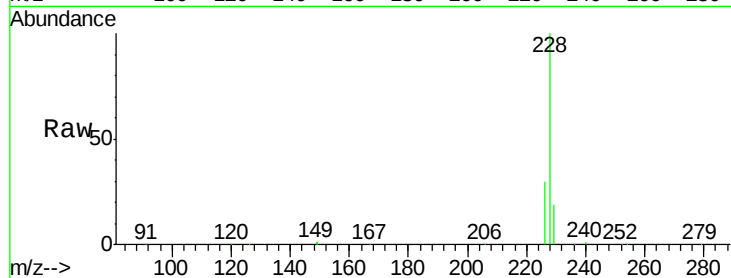
Tgt Ion:228 Resp: 1295689

Ion Ratio Lower Upper

228 100

226 30.2 27.0 40.6

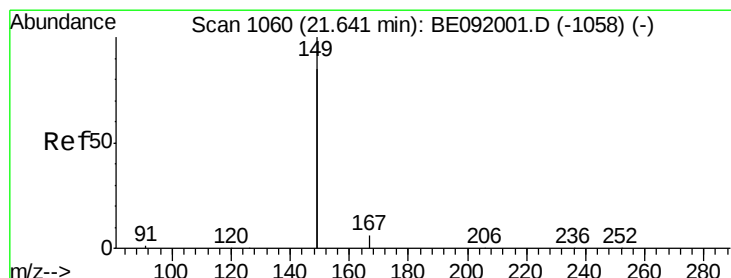
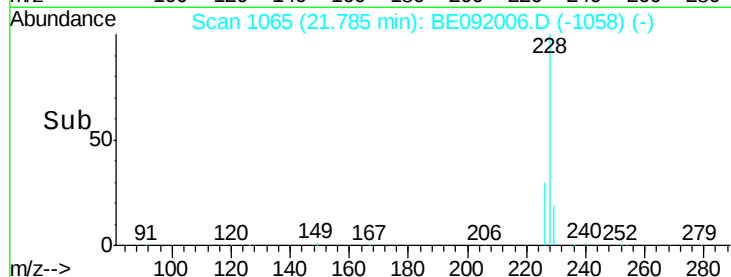
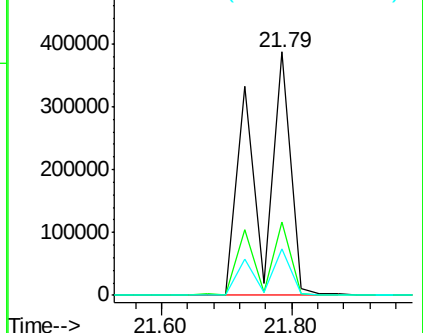
229 19.1 13.8 20.8



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 15.37 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

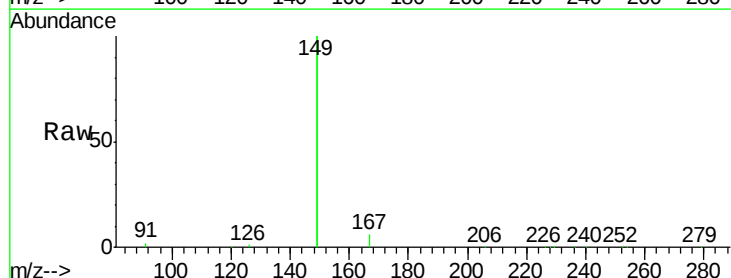
Tgt Ion:149 Resp: 787993

Ion Ratio Lower Upper

149 100

167 4.3 0.0 0.0#

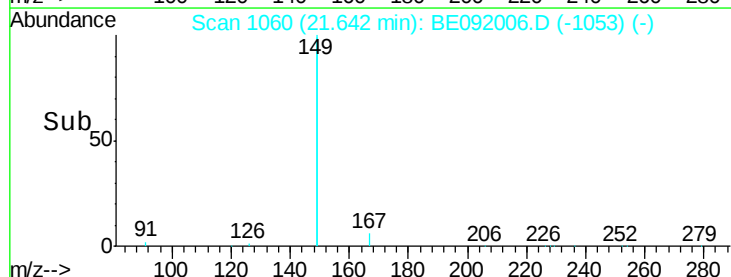
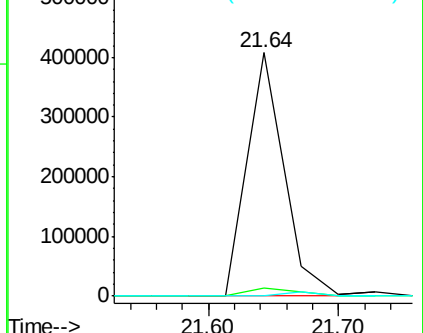
279 0.0 0.0 0.0

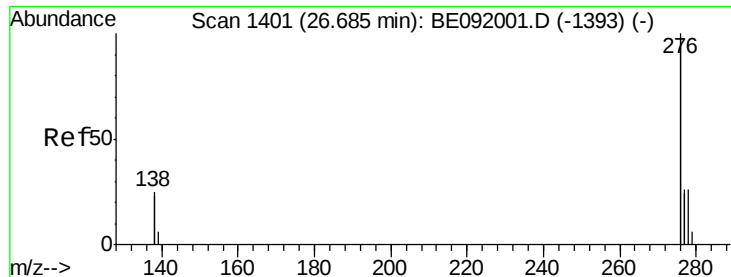


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.76 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

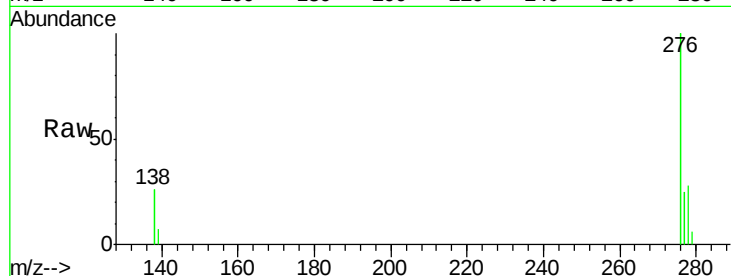
Tgt Ion:276 Resp: 1973371

Ion Ratio Lower Upper

276 100

138 26.7 19.7 29.5

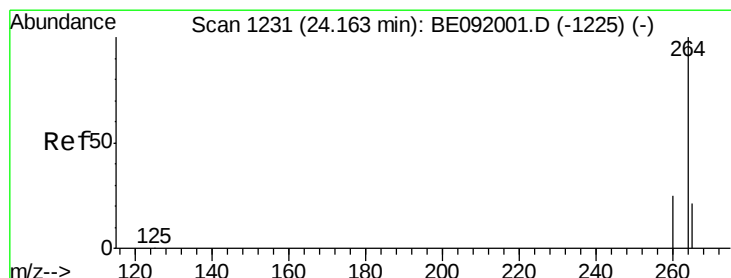
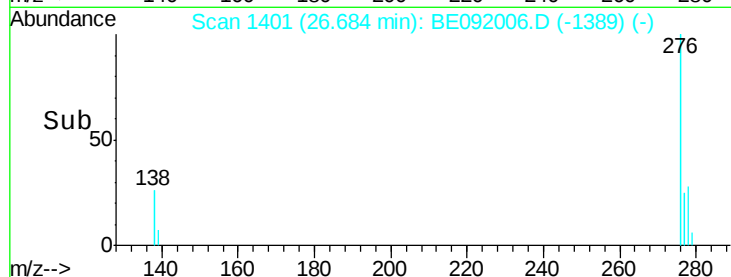
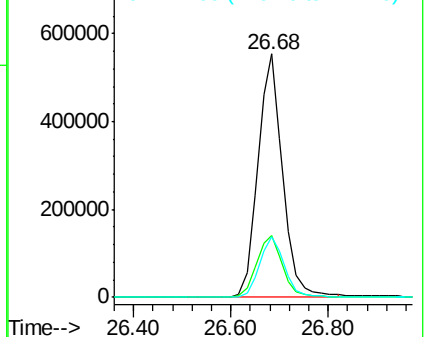
277 25.2 20.1 30.1



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: 24.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

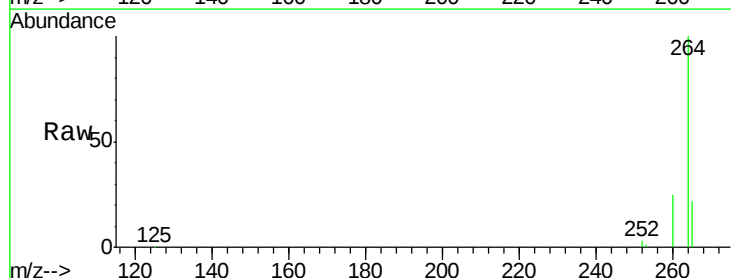
Tgt Ion:264 Resp: 179599

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

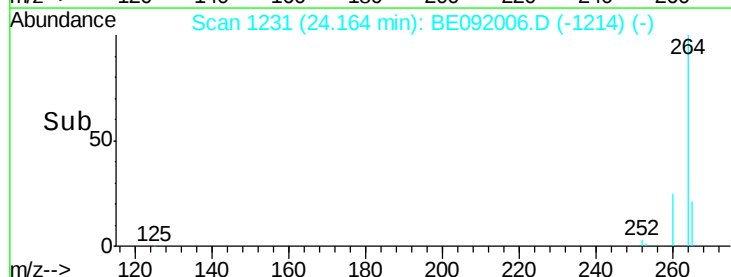
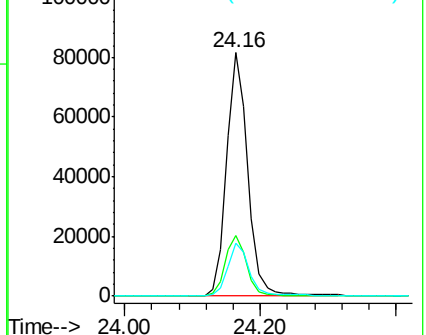
265 21.6 17.6 26.4

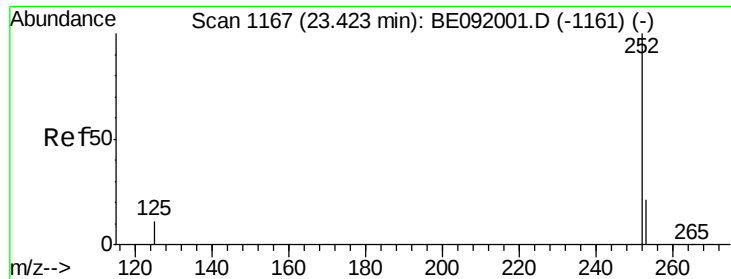


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 10.16 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

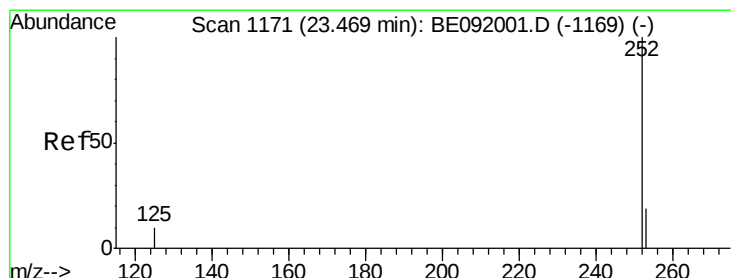
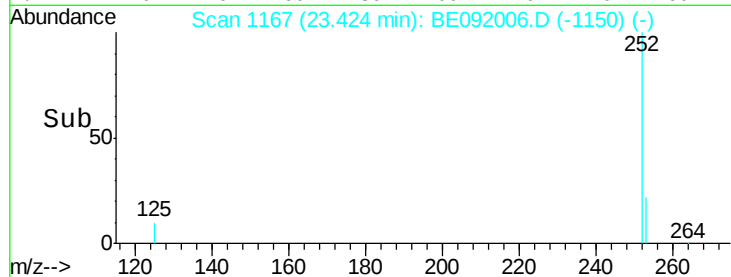
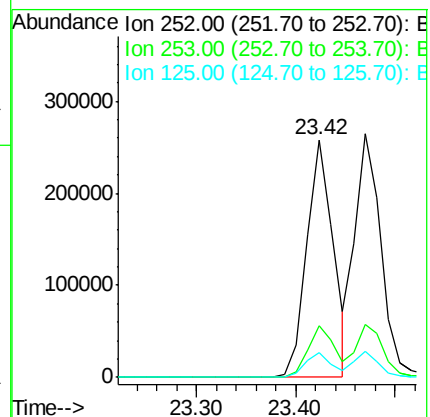
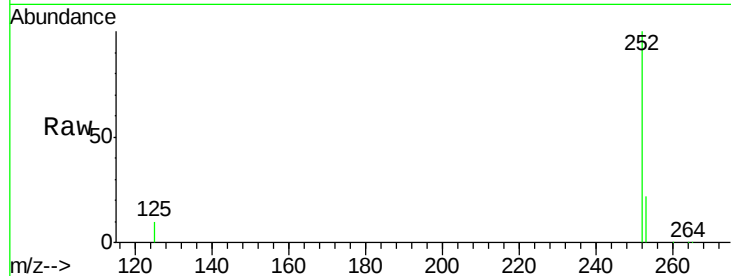
Tgt Ion:252 Resp: 478070

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.2 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 10.09 ng

RT: 23.47 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

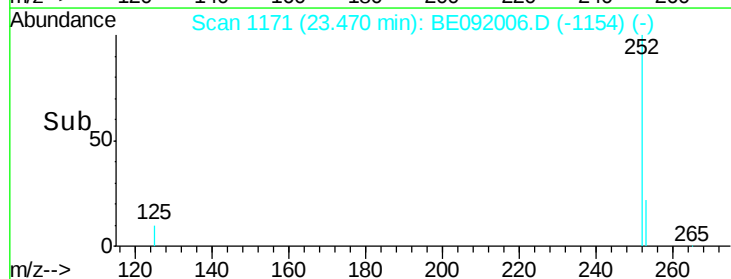
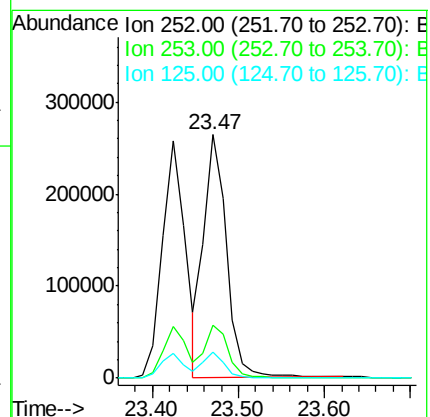
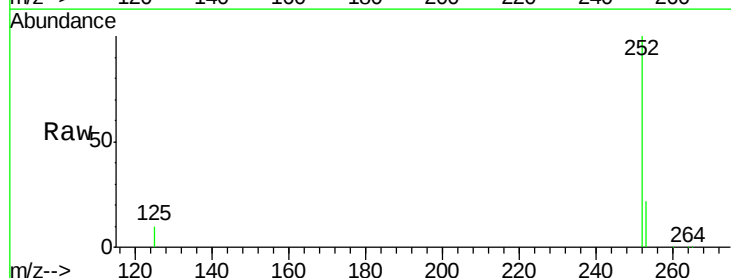
Tgt Ion:252 Resp: 483739

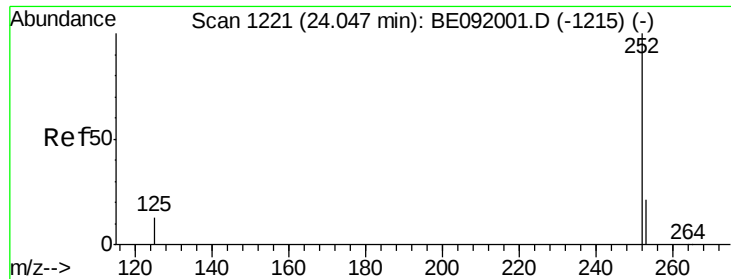
Ion Ratio Lower Upper

252 100

253 21.7 19.4 29.2

125 10.4 8.3 12.5





#43

Benzo(a)pyrene

Concen: 10.41 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

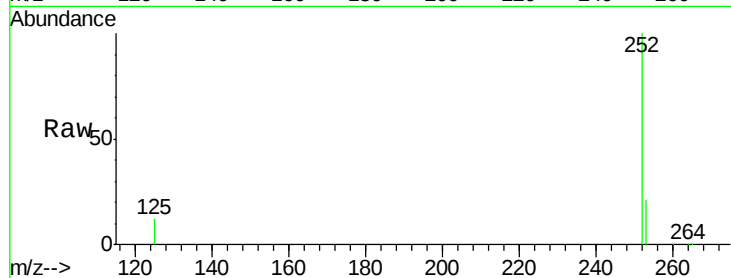
Tgt Ion: 252 Resp: 454239

Ion Ratio Lower Upper

252 100

253 20.9 18.9 28.3

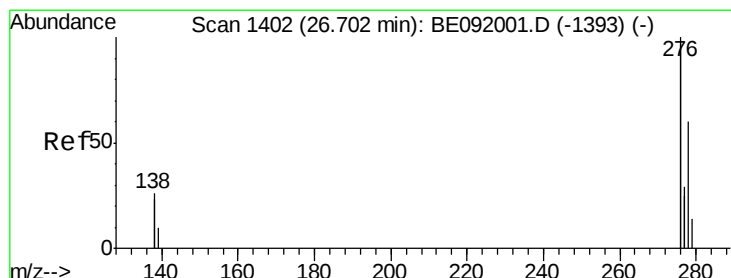
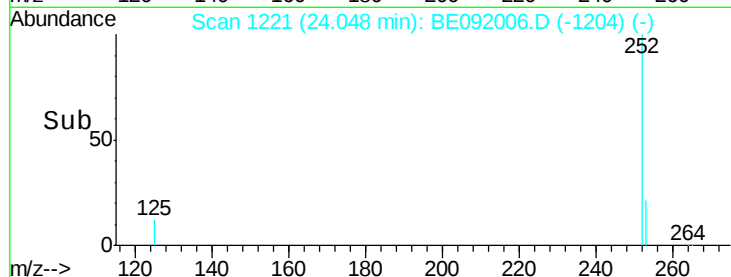
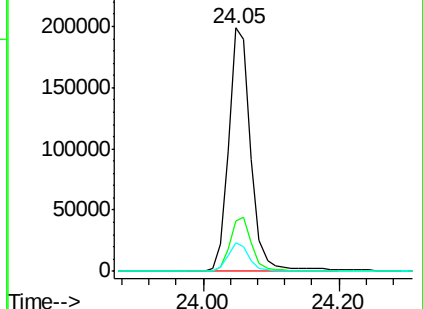
125 12.0 10.5 15.7



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



#44

Dibenzo(a,h)anthracene

Concen: 10.68 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE092006.D

Acq: 22 Jul 2016 14:09

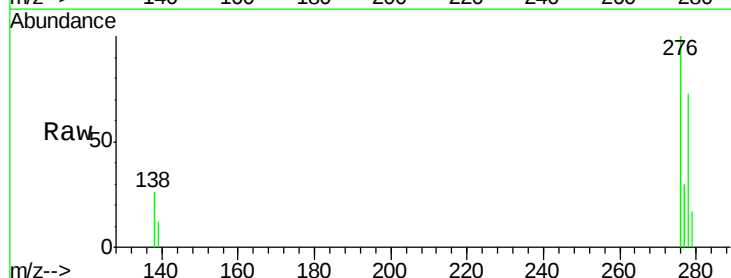
Tgt Ion: 278 Resp: 414524

Ion Ratio Lower Upper

278 100

139 15.9 12.6 18.8

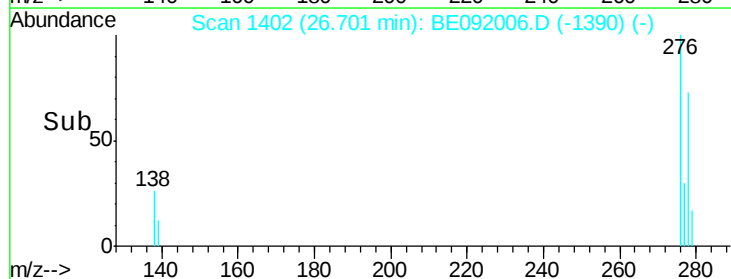
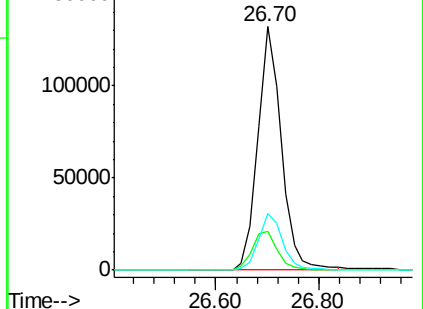
279 23.1 20.0 30.0

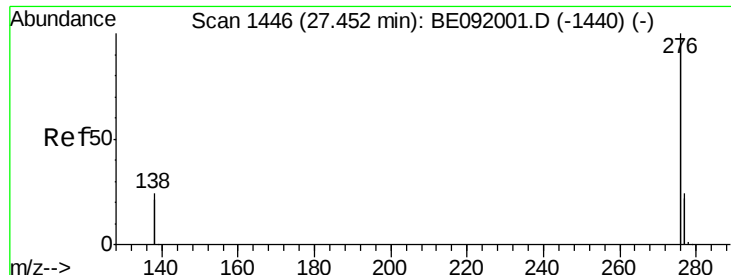


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.46 ng

RT: 27.45 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BE092006.D

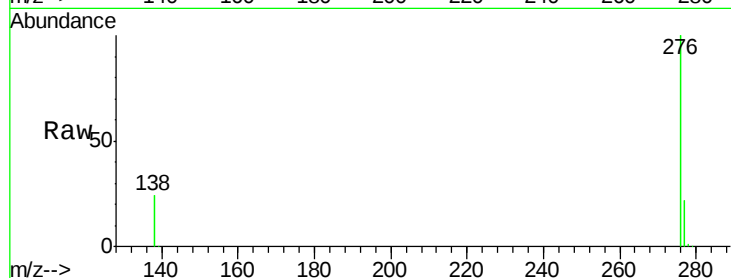
Acq: 22 Jul 2016 14:09

Instrument :

BNA_E

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 1667841

Ion Ratio Lower Upper

276 100

277 22.0 19.5 29.3

138 24.2 17.7 26.5

