

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
 Data File : BE092471.D
 Acq On : 25 Oct 2016 9:12
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 25 15:35:36 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 13:01:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9912	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	48473	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	35169	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	69275	5.00	ng	0.00
24) Chrysene-d12	21.75	240	85027	5.00	ng	0.00
31) Perylene-d12	24.11	264	70898	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.71	112	125	0.06	ng	0.02
5) Phenol-d6	7.43	99	156	0.06	ng	0.07
8) Nitrobenzene-d5	9.41	82	184	0.06	ng	0.04
13) 2,4,6-Tribromophenol	16.34	330	50	0.05	ng	0.02
14) 2-Fluorobiphenyl	13.47	172	832	0.10	ng	0.02
26) Terphenyl-d14	20.19	244	1007	0.10	ng	0.00

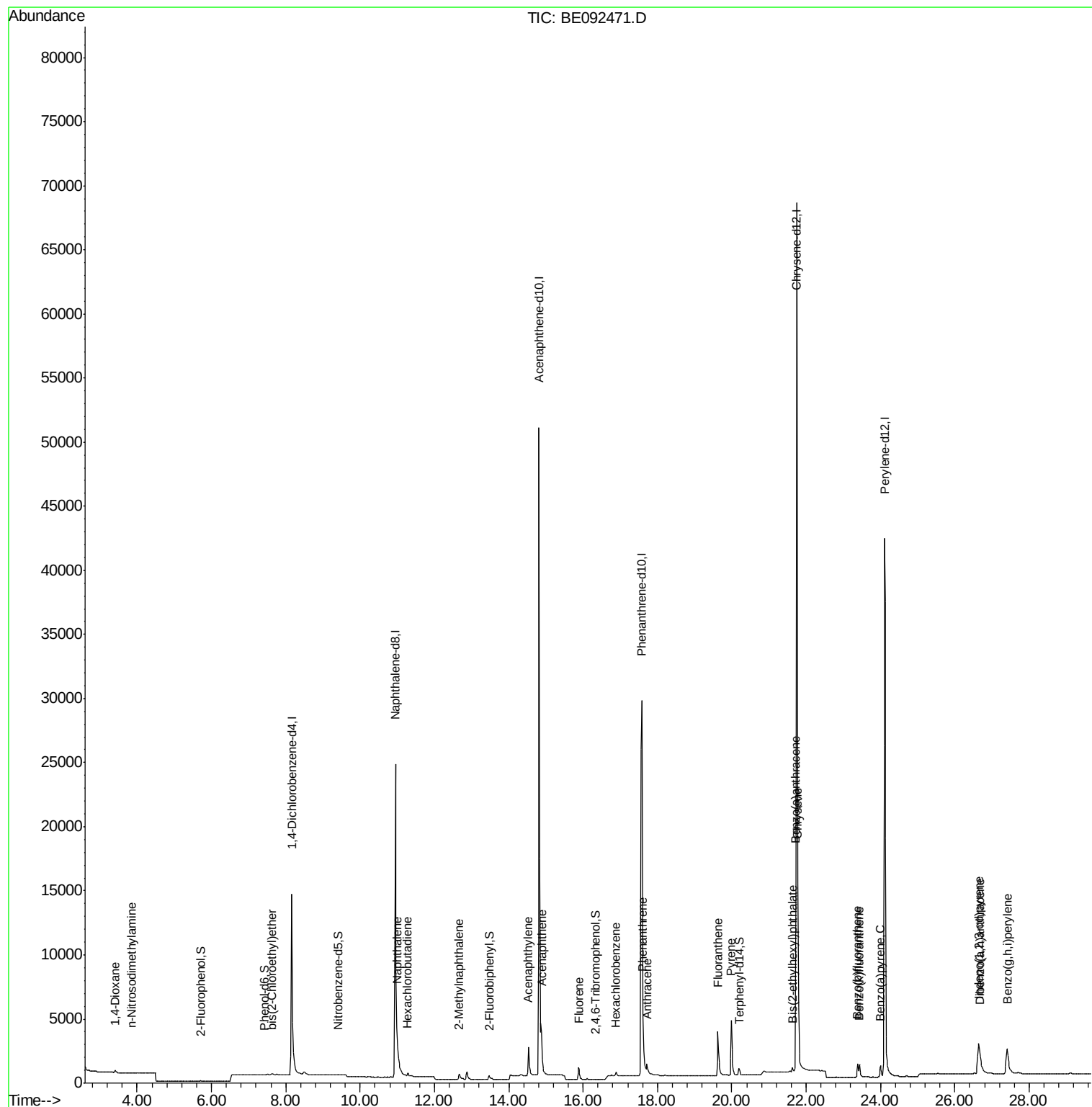
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	224	0.18	ng	# 72
3) n-Nitrosodimethylamine	3.85	42	22	0.02	ng	# 8
6) bis(2-Chloroethyl)ether	7.61	93	314m	0.13	ng	
9) Naphthalene	10.99	128	1249	0.12	ng	# 82
10) Hexachlorobutadiene	11.28	225	196	0.12	ng	97
11) 2-Methylnaphthalene	12.67	142	751m	0.11	ng	
15) Acenaphthylene	14.52	152	5337	0.10	ng	100
16) Acenaphthene	14.88	154	972	0.12	ng	90
17) Fluorene	15.88	166	985	0.10	ng	99
19) Hexachlorobenzene	16.89	284	344	0.12	ng	96
21) Phenanthrene	17.60	178	1831	0.12	ng	97
22) Anthracene	17.72	178	1549	0.10	ng	98
23) Fluoranthene	19.63	202	7267	0.10	ng	99
25) Pyrene	19.99	202	7533	0.10	ng	99
27) Benzo(a)anthracene	21.72	228	8588m	0.10	ng	
28) Chrysene	21.77	228	9385m	0.12	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	516	0.07	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.65	276	7629	0.09	ng	99
32) Benzo(b)fluoranthene	23.38	252	1874	0.11	ng	# 87
33) Benzo(k)fluoranthene	23.43	252	1852	0.10	ng	# 90
34) Benzo(a)pyrene	24.01	252	1644	0.10	ng	# 84
35) Dibenzo(a,h)anthracene	26.67	278	1519	0.10	ng	# 78
36) Benzo(g,h,i)perylene	27.42	276	6968	0.11	ng	# 83

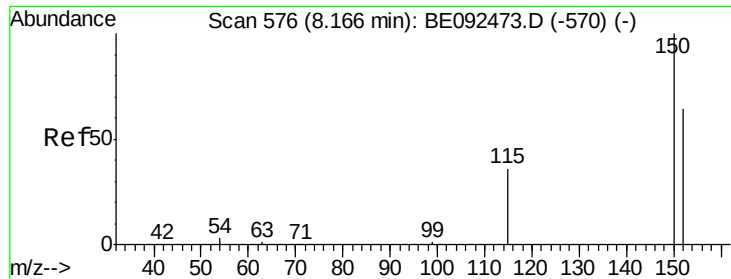
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 25 13:01:19 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

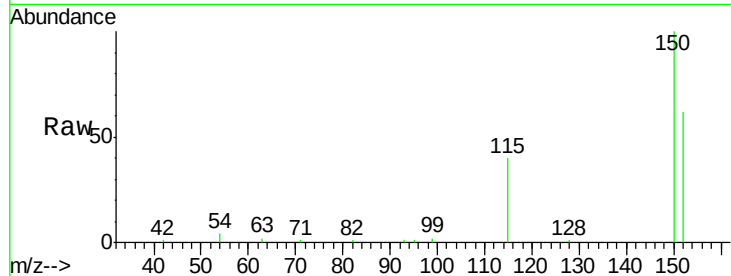
Tot Ion:152 Resp: 9912

Ion Ratio Lower Upper

152 100

150 162.1 106.0 159.0#

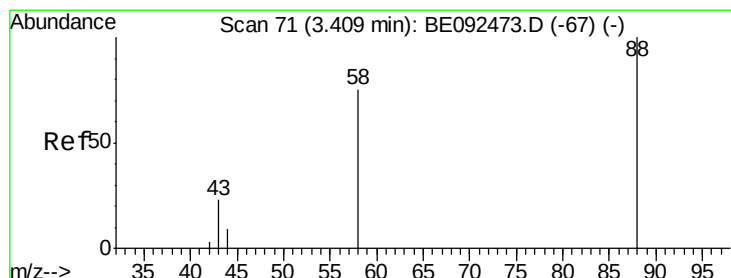
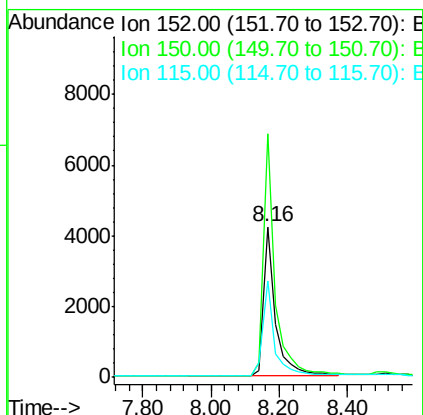
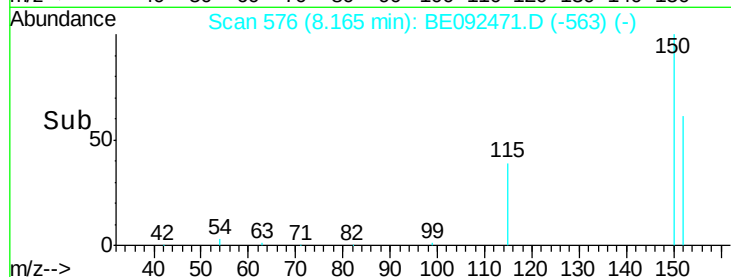
115 64.5 31.2 46.8#



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: 3.41 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

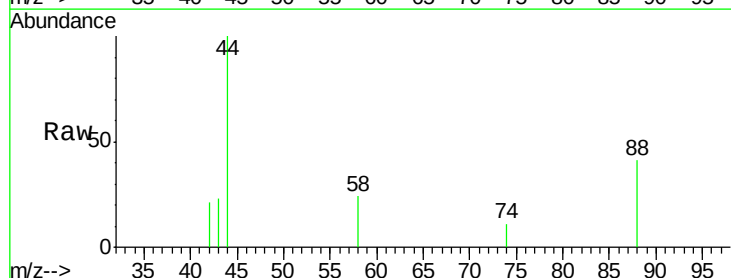
Tgt Ion: 88 Resp: 224

Ion Ratio Lower Upper

88 100

58 49.1 63.6 95.4#

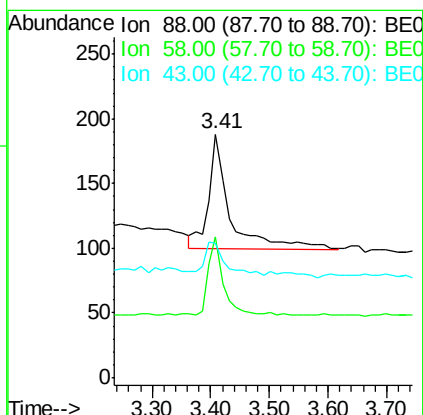
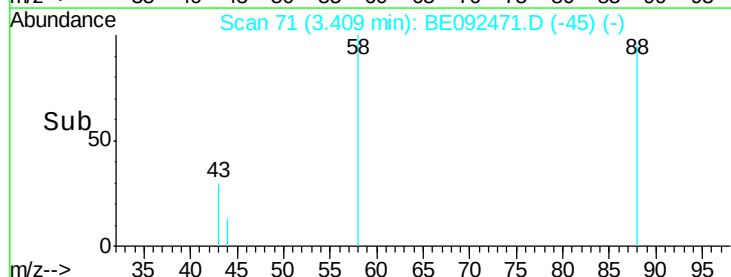
43 26.8 28.0 42.0#

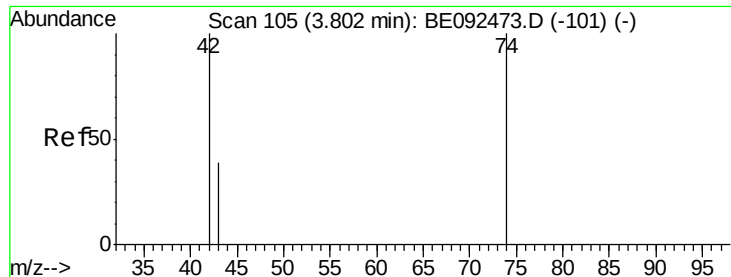


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.85 min Scan# 109

Delta R.T. 0.05 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

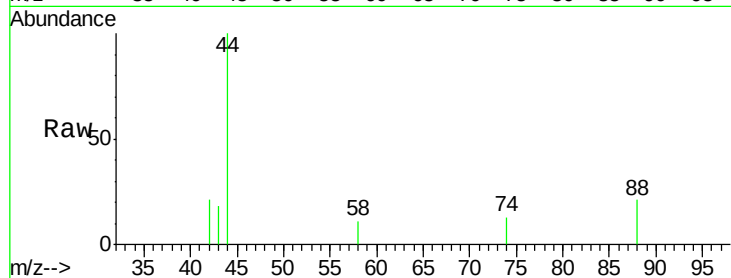
Tot Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

74 181.8 86.0 129.0#

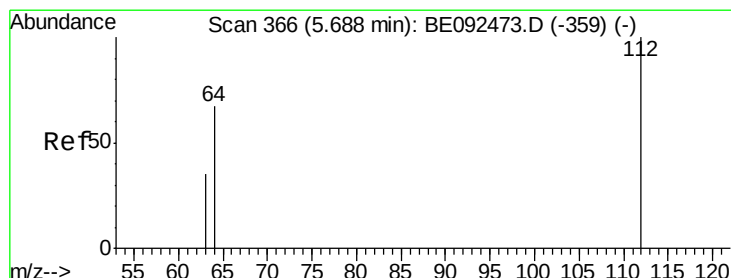
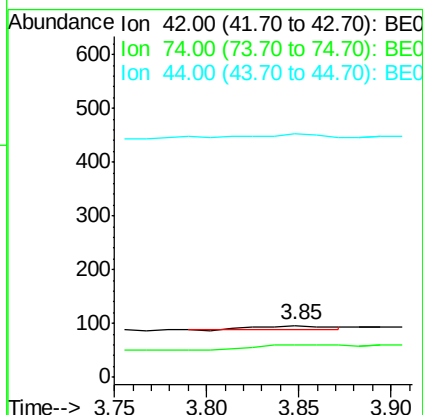
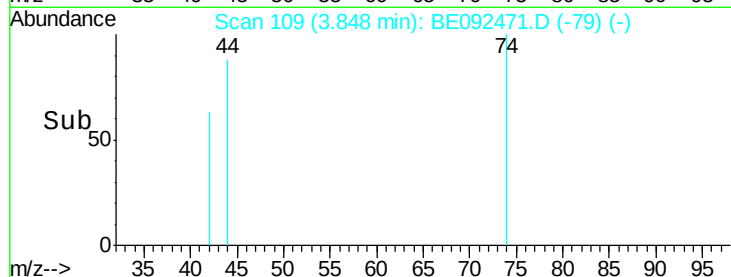
44 154.5 5.1 7.7#



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: 0.06 ng

RT: 5.71 min Scan# 370

Delta R.T. 0.02 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

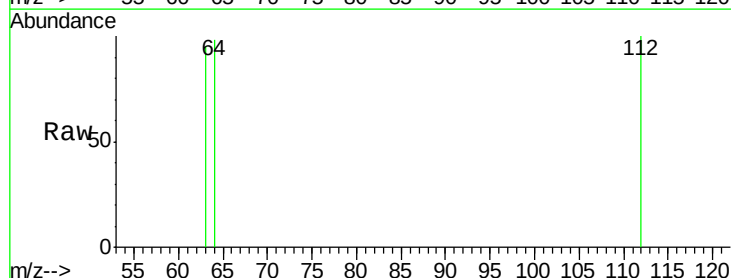
Tgt Ion: 112 Resp: 125

Ion Ratio Lower Upper

112 100

64 67.2 53.5 80.3

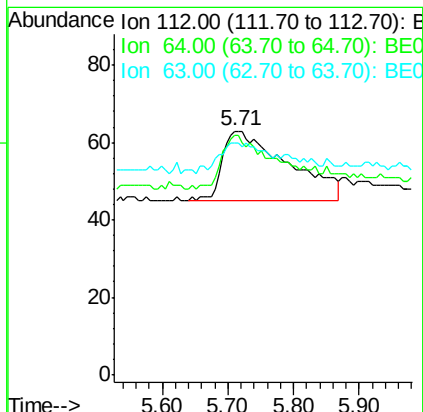
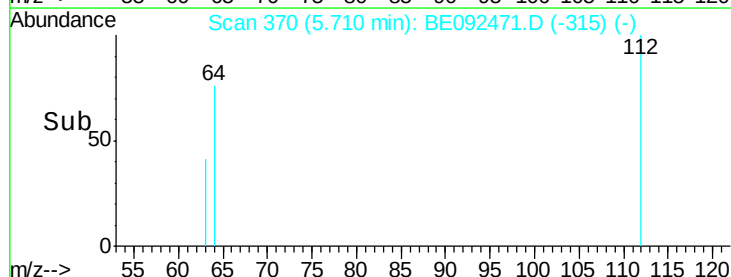
63 30.4 27.9 41.9

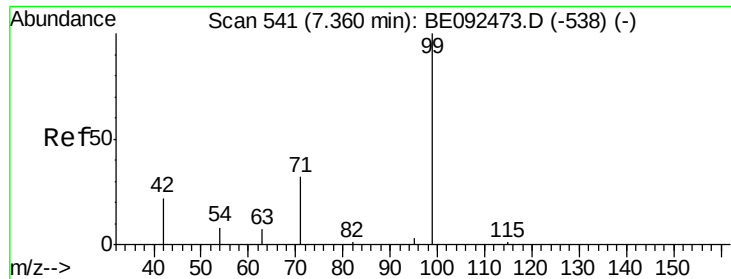


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.06 ng

RT: 7.43 min Scan# 544

Delta R.T. 0.07 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

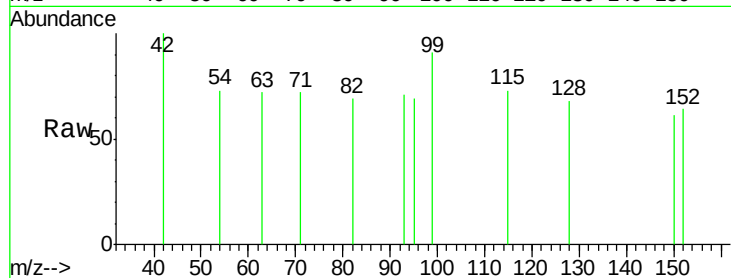
Tot Ion: 99 Resp: 156

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

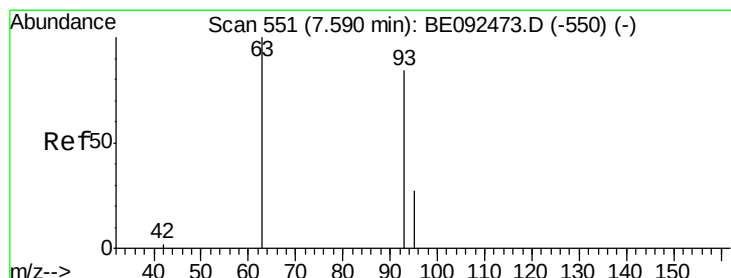
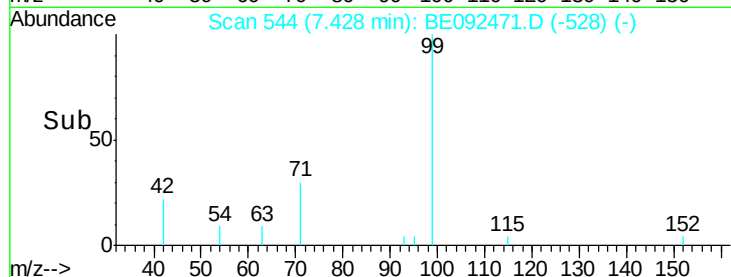
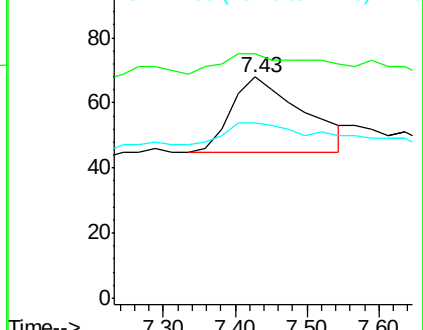
71 0.0 30.6 45.8#



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: 0.13 ng m

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

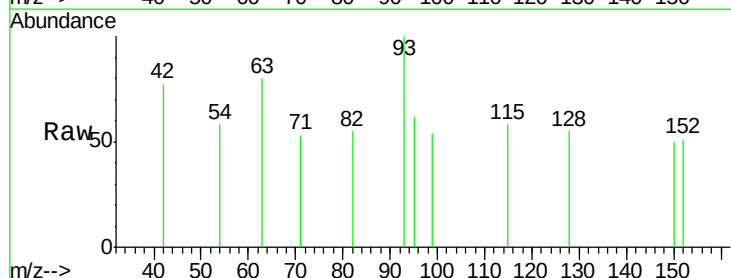
Tgt Ion: 93 Resp: 314

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

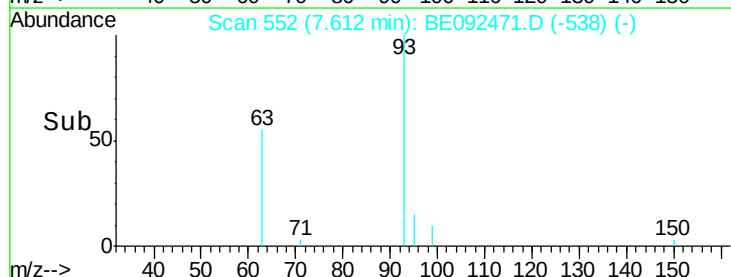
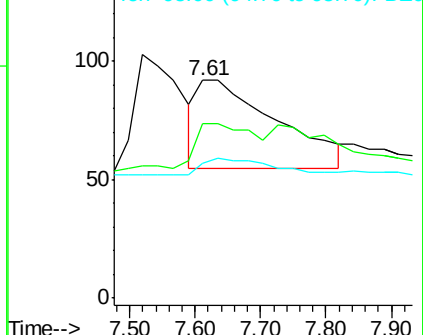
95 0.0 24.0 36.0#

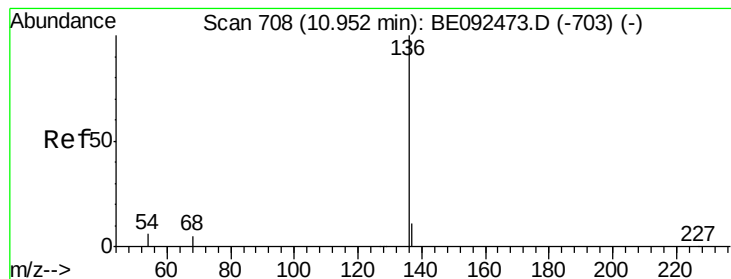


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 48473

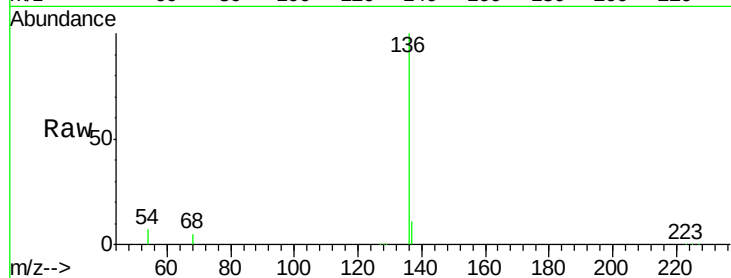
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 7.3 9.6 14.4#

68 5.3 6.7 10.1#

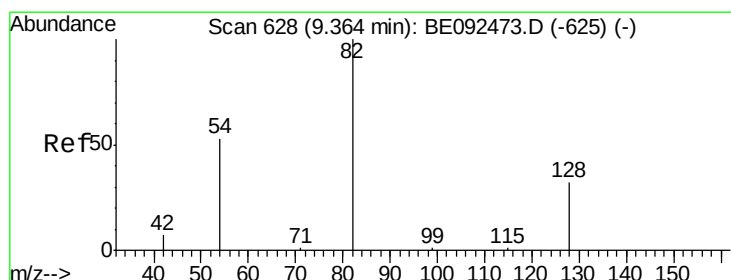
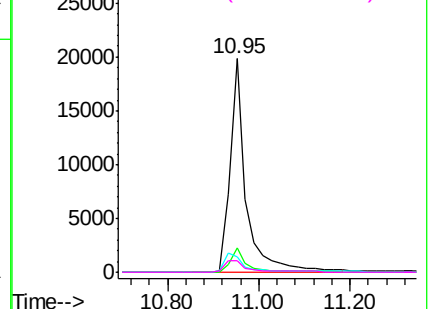
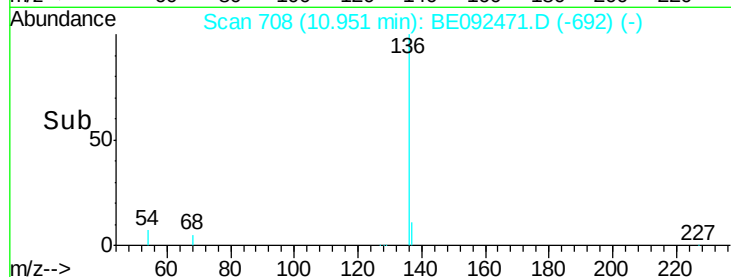


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.06 ng

RT: 9.41 min Scan# 630

Delta R.T. 0.04 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

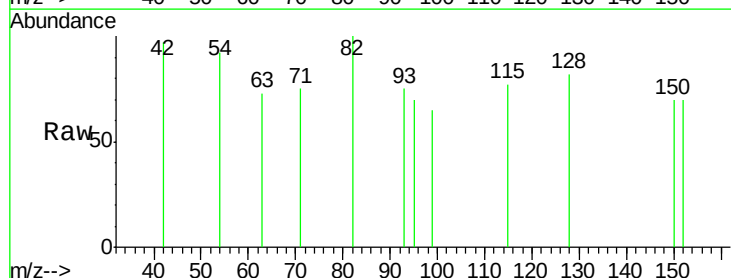
Tgt Ion: 82 Resp: 184

Ion Ratio Lower Upper

82 100

128 81.7 39.0 58.4#

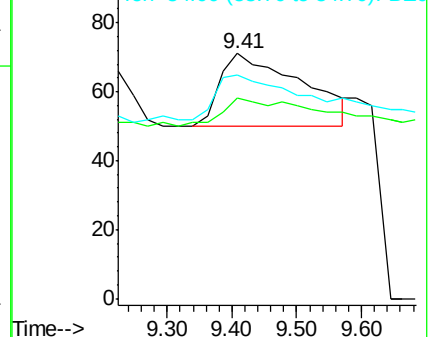
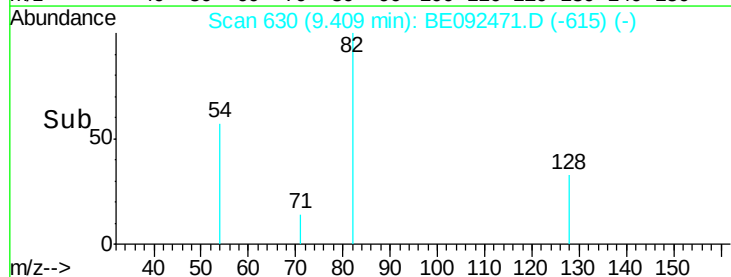
54 91.5 44.8 67.2#

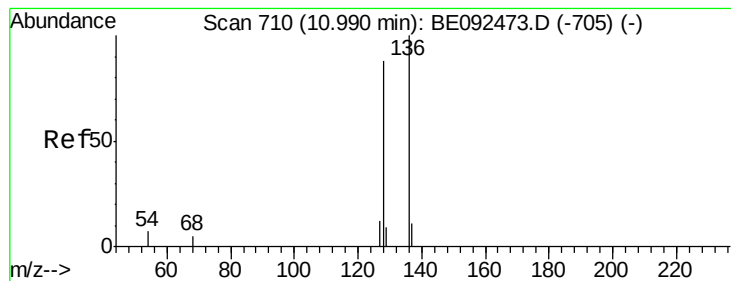


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.12 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

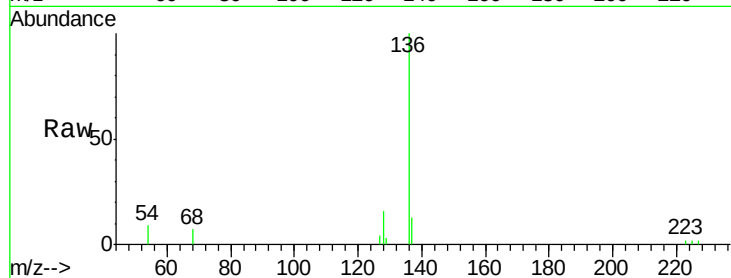
Tot Ion:128 Resp: 1249

Ion Ratio Lower Upper

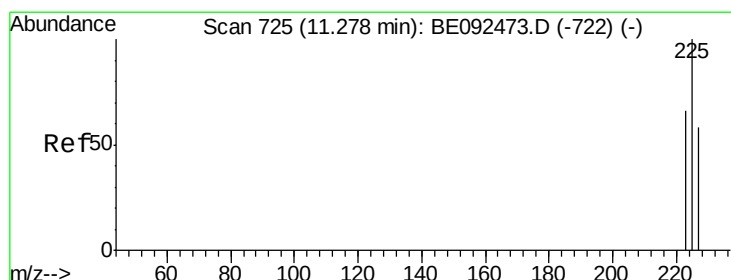
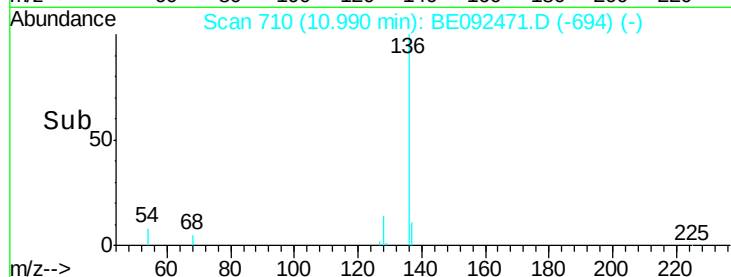
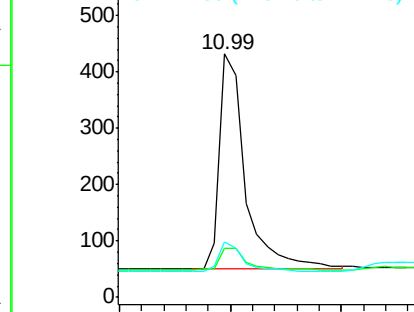
128 100

129 19.9 11.2 16.8#

127 22.9 11.6 17.4#



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



#10

Hexachlorobutadiene

Concen: 0.12 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

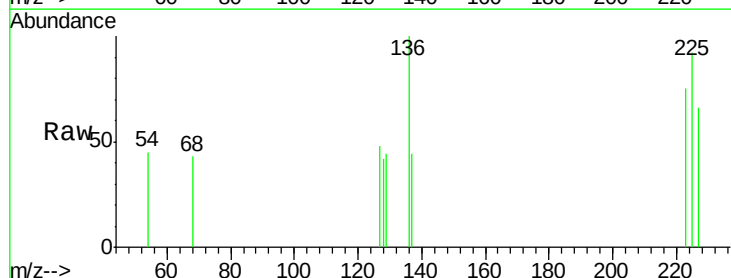
Tgt Ion:225 Resp: 196

Ion Ratio Lower Upper

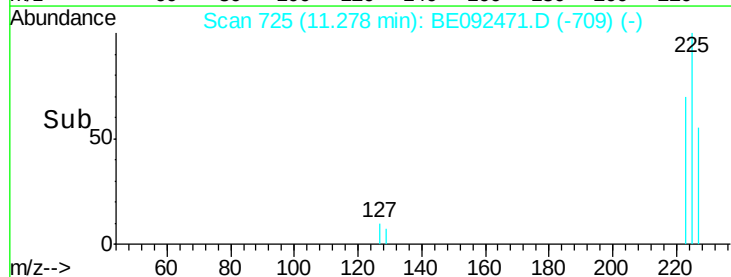
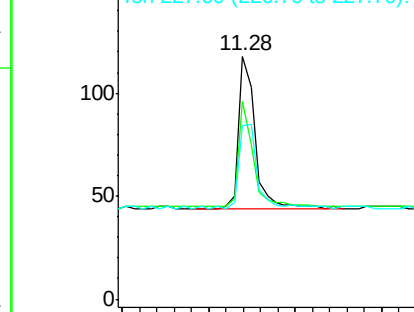
225 100

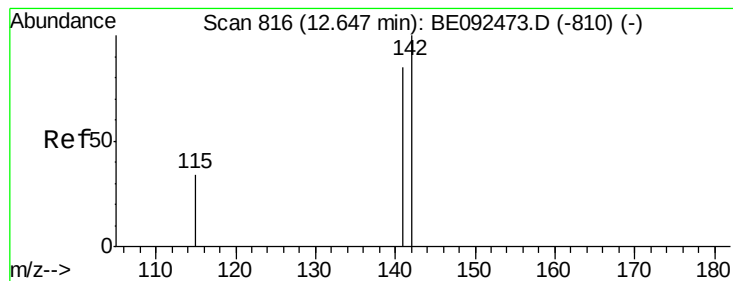
223 60.2 50.6 76.0

227 62.8 51.4 77.0



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





#11

2-Methylnaphthalene

Concen: 0.11 ng

RT: 12.67 min Scan# 818

Delta R.T. 0.02 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

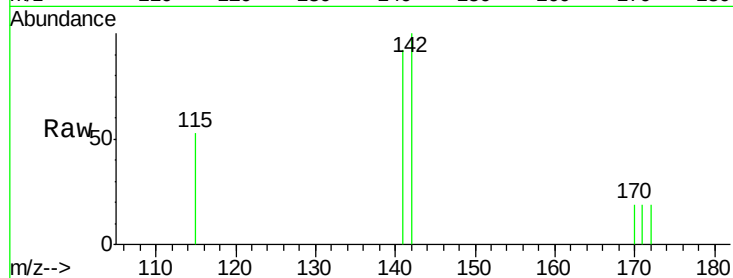
Tot Ion:142 Resp: 751

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5

115 52.7 34.0 51.0#

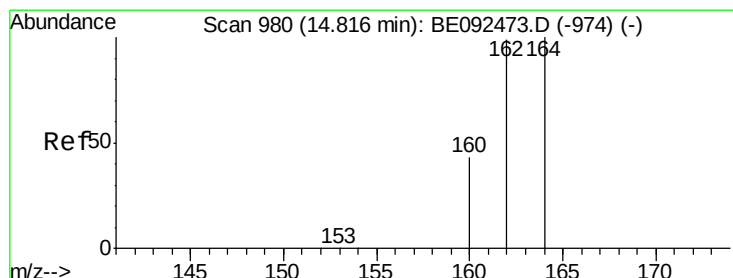
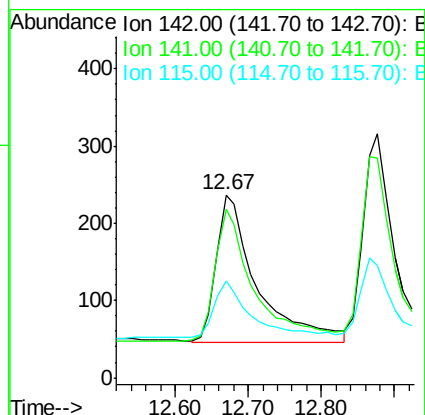
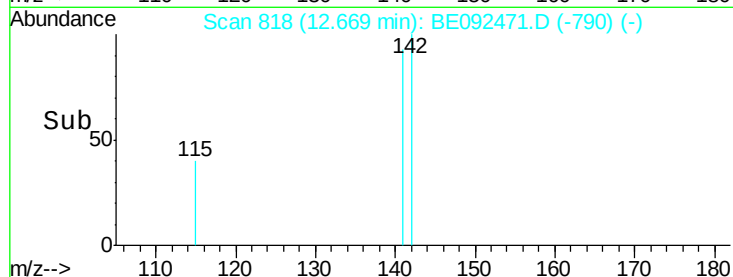


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

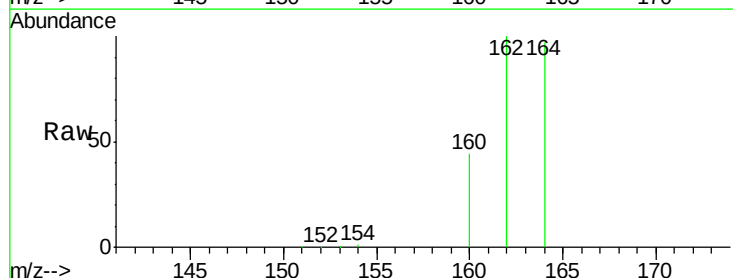
Tgt Ion:164 Resp: 35169

Ion Ratio Lower Upper

164 100

162 103.1 71.4 107.0

160 45.8 27.4 41.2#

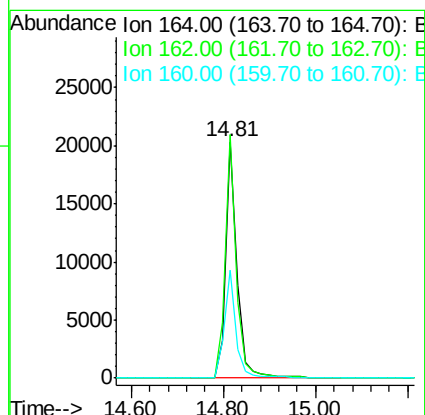
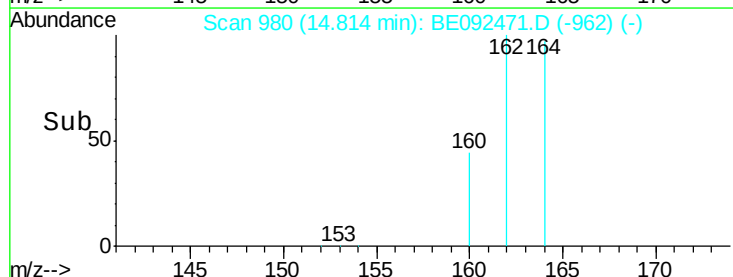


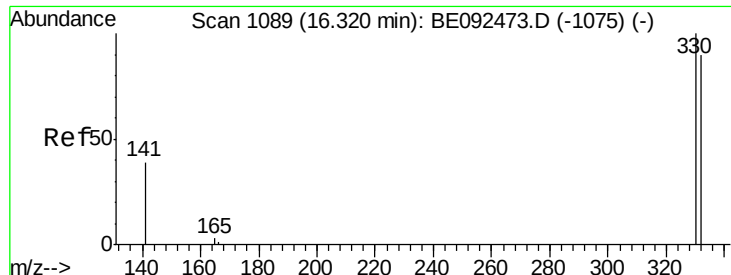
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

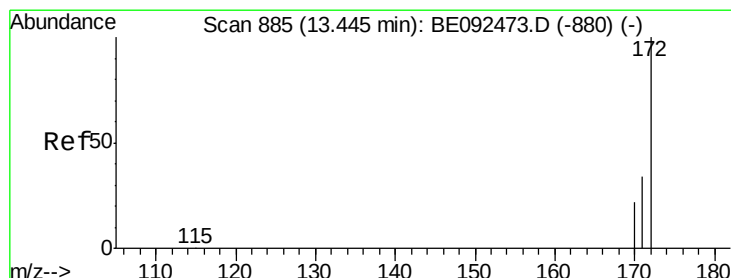
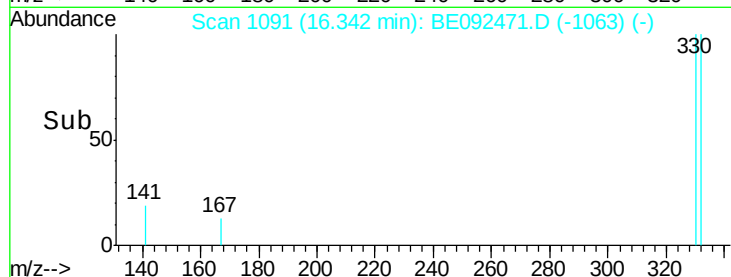
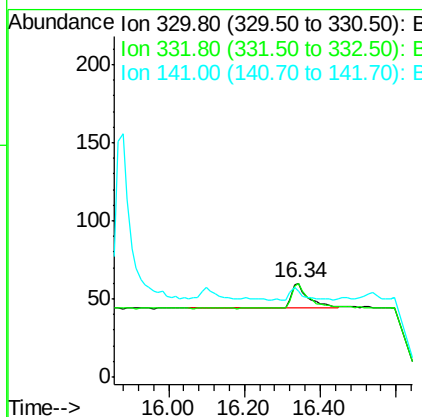
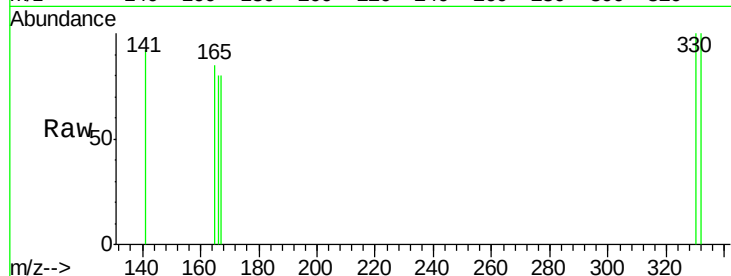




#13
 2,4,6-Tribromophenol
 Concen: 0.05 ng
 RT: 16.34 min Scan# 1091
 Delta R.T. 0.02 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

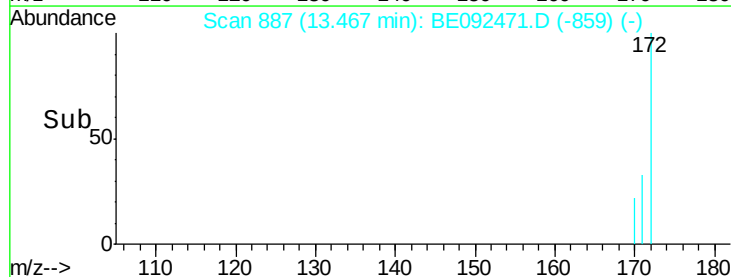
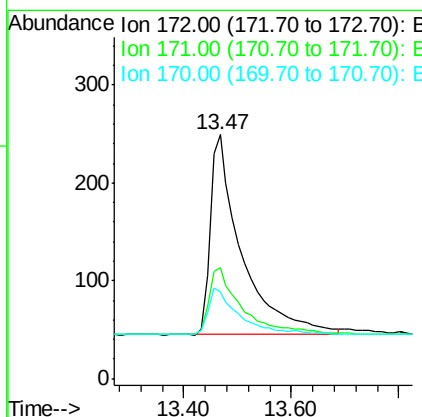
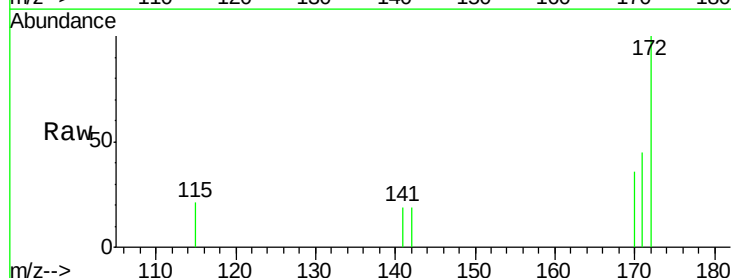
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

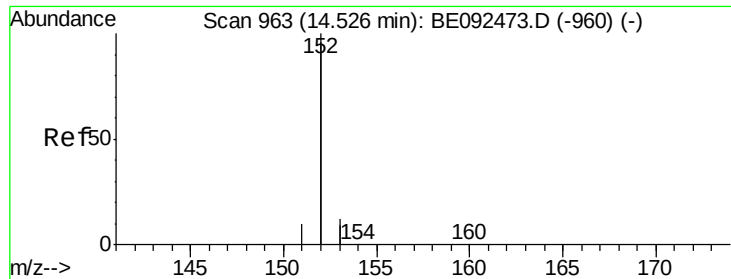
Tot Ion:330 Resp: 50
 Ion Ratio Lower Upper
 330 100
 332 130.0 75.4 113.0#
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.10 ng
 RT: 13.47 min Scan# 887
 Delta R.T. 0.02 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

Tgt Ion:172 Resp: 832
 Ion Ratio Lower Upper
 172 100
 171 45.4 30.1 45.1#
 170 35.7 21.8 32.6#





#15

Acenaphthylene

Concen: 0.10 ng

RT: 14.52 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

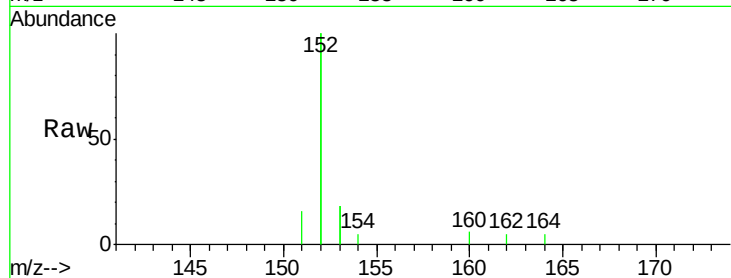
Tot Ion:152 Resp: 5337

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

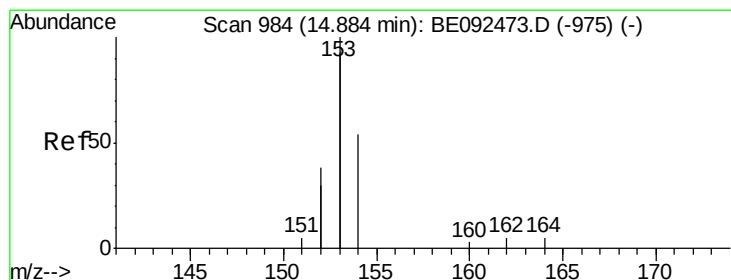
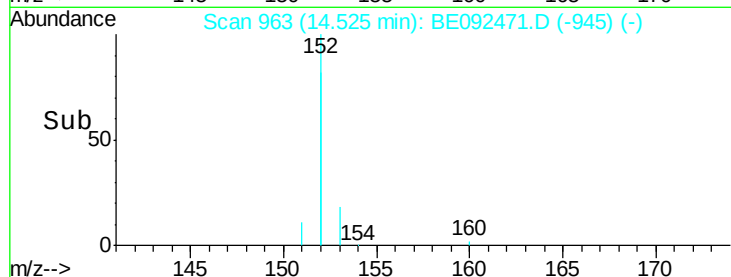
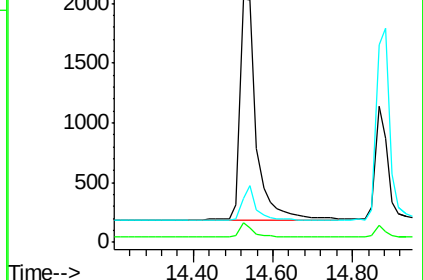
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.12 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

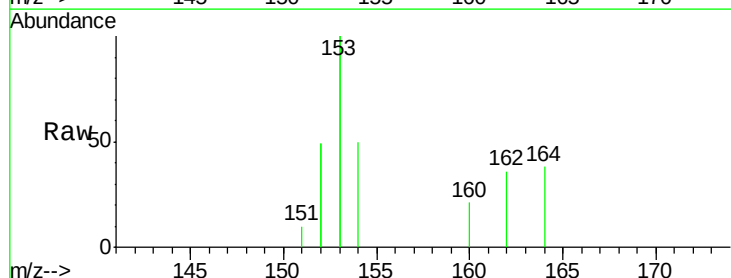
Tgt Ion:154 Resp: 972

Ion Ratio Lower Upper

154 100

153 401.9 350.8 526.2

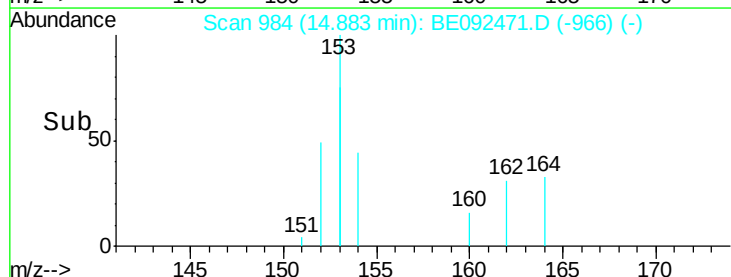
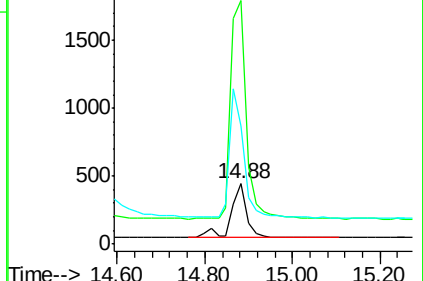
152 213.9 171.1 256.7

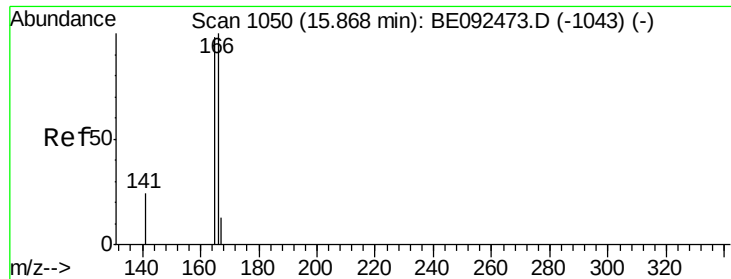


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

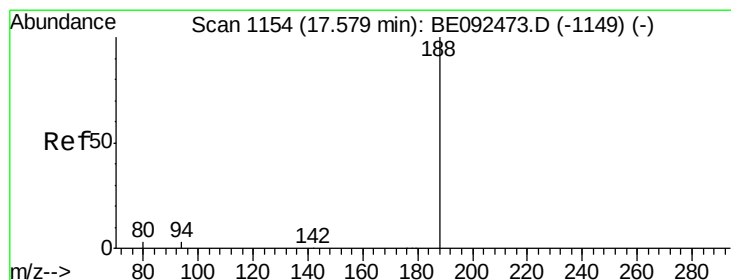
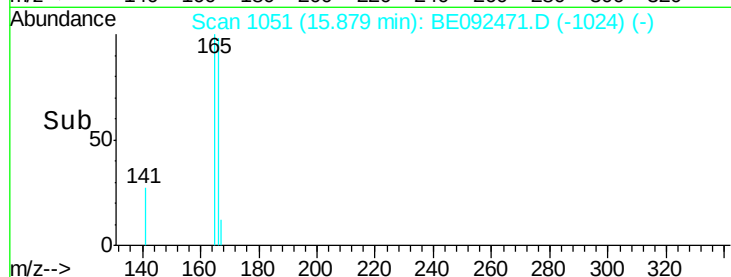
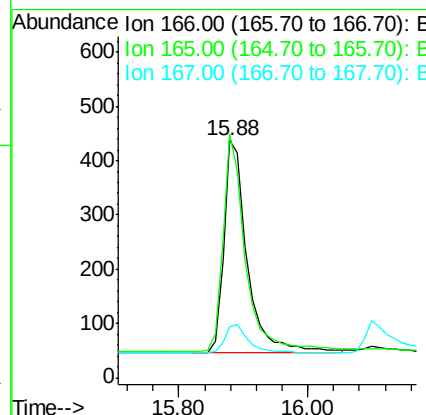
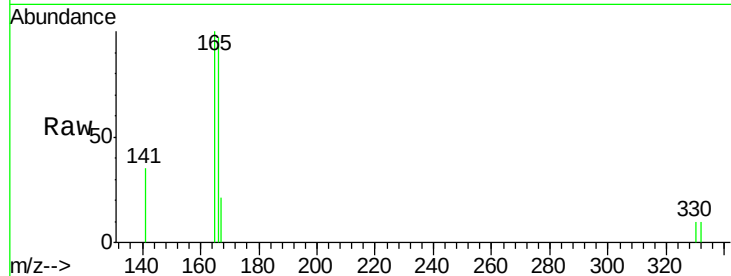




#17
 Fluorene
 Concen: 0.10 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

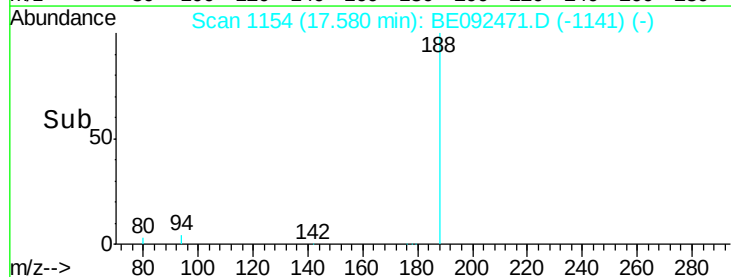
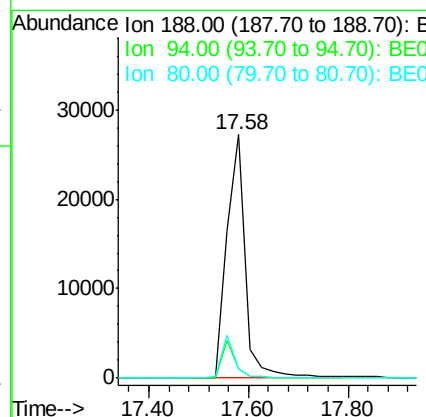
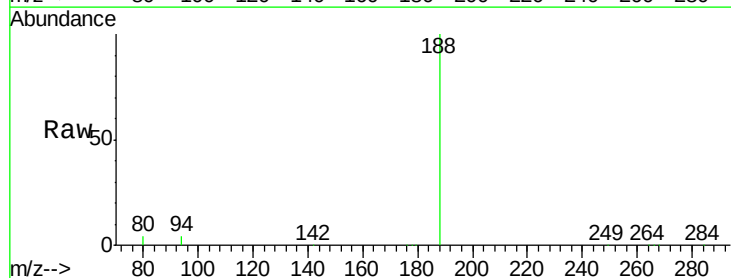
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

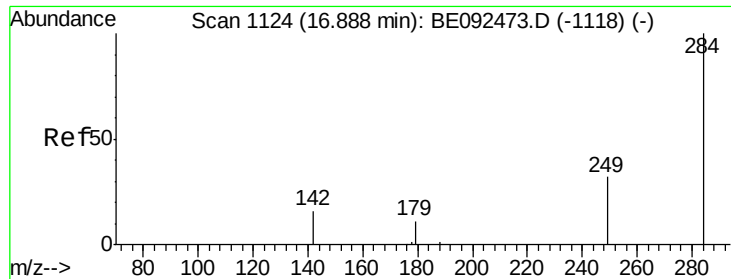
Tot Ion:166 Resp: 985
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.2 117.4
 167 13.1 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

Tgt Ion:188 Resp: 69275
 Ion Ratio Lower Upper
 188 100
 94 4.0 3.2 4.8
 80 3.7 2.6 3.8

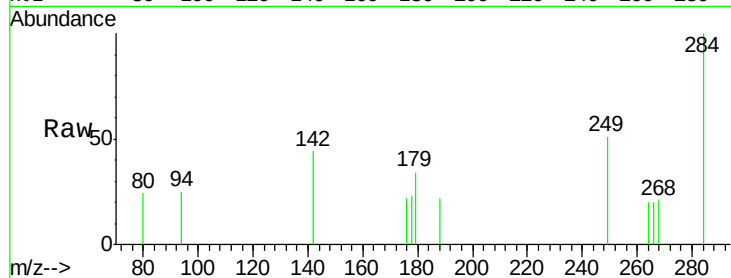




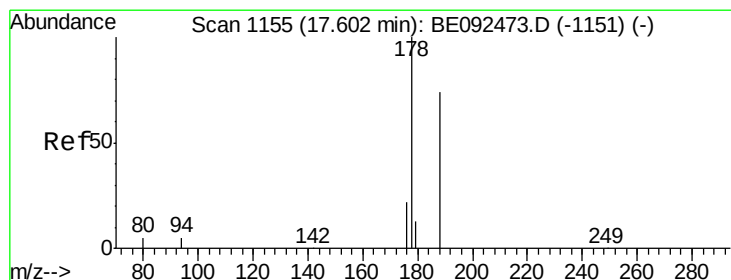
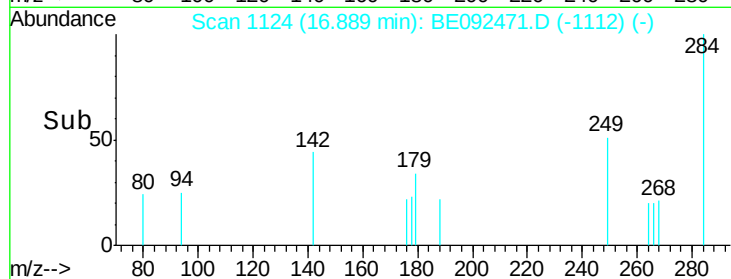
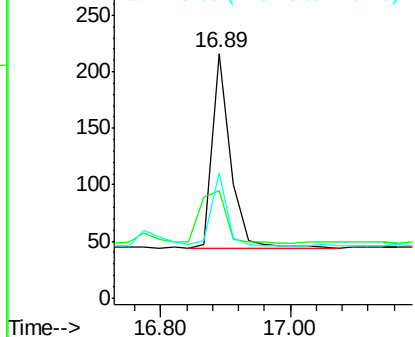
#19
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092471.D
Acq: 25 Oct 2016 9:12

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:284 Resp: 344
Ion Ratio Lower Upper
284 100
142 37.8 29.1 43.7
249 31.4 27.9 41.9

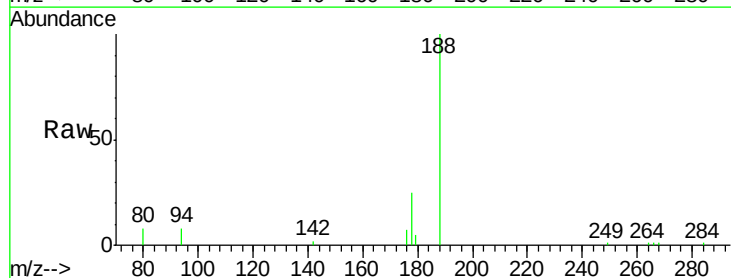


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

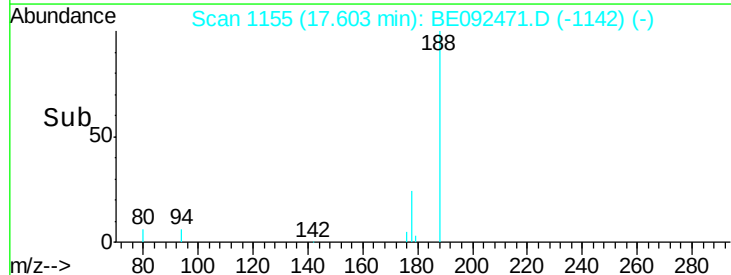
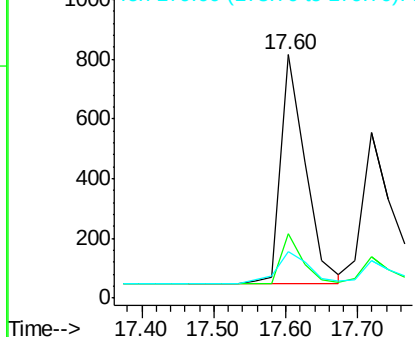


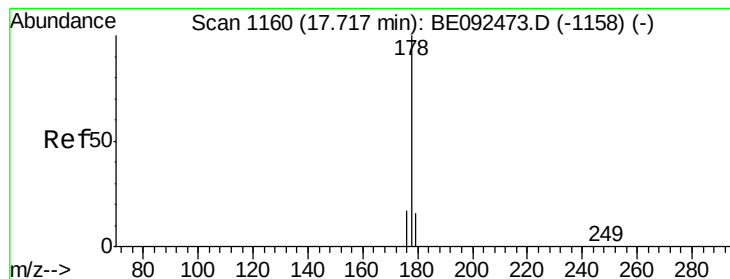
#21
Phenanthrene
Concen: 0.12 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092471.D
Acq: 25 Oct 2016 9:12

Tgt Ion:178 Resp: 1831
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 17.9 16.0 24.0



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





#22

Anthracene

Concen: 0.10 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

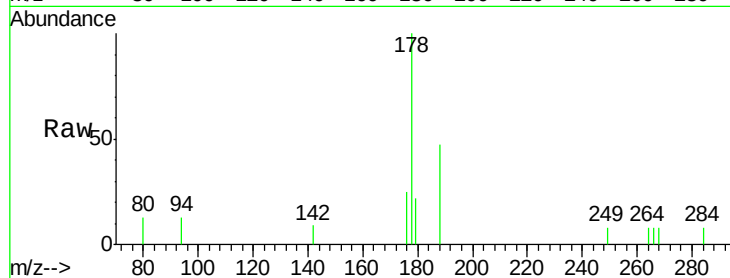
Tot Ion:178 Resp: 1549

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

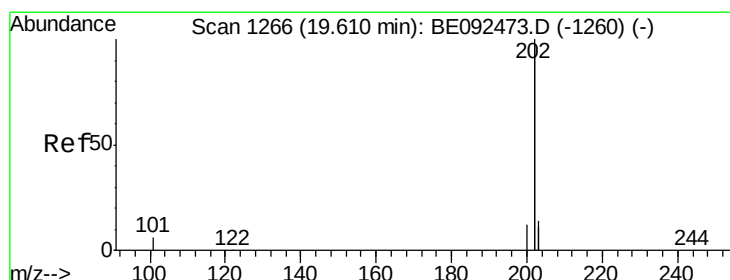
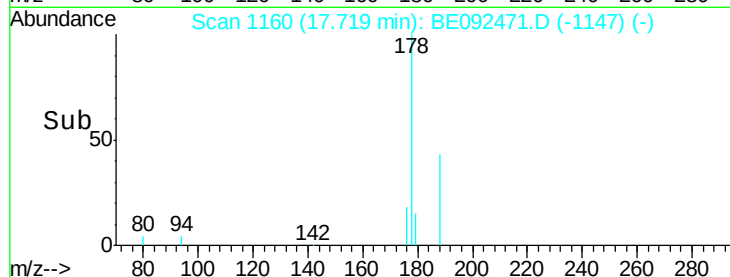
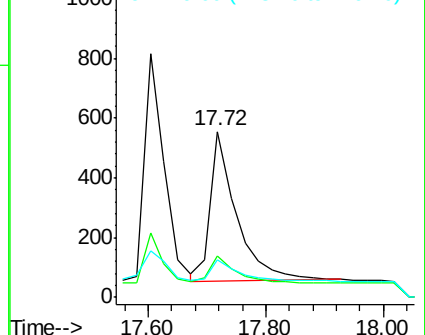
179 14.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Fluoranthene

Concen: 0.10 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

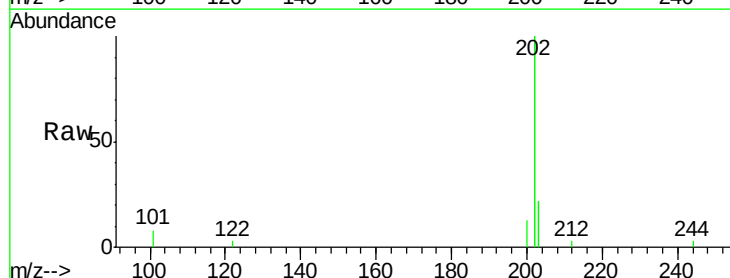
Tgt Ion:202 Resp: 7267

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

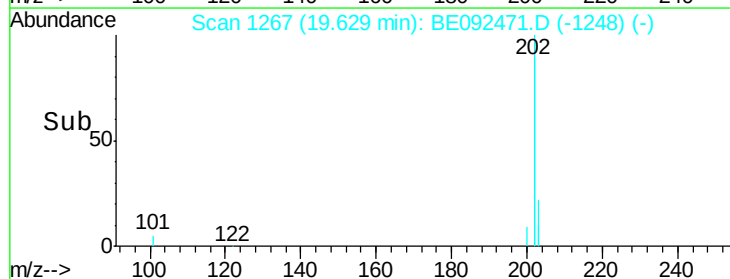
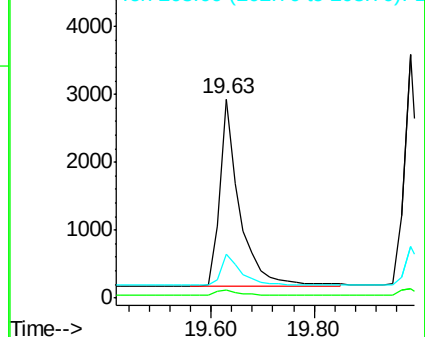
203 17.7 13.7 20.5

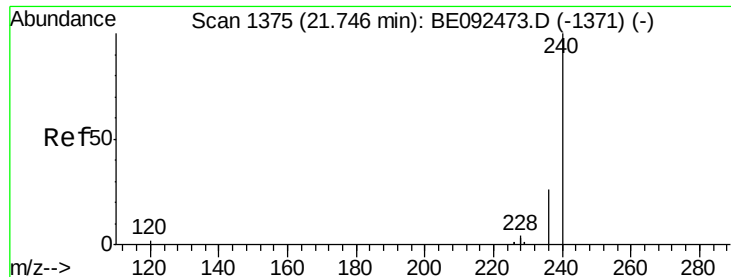


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

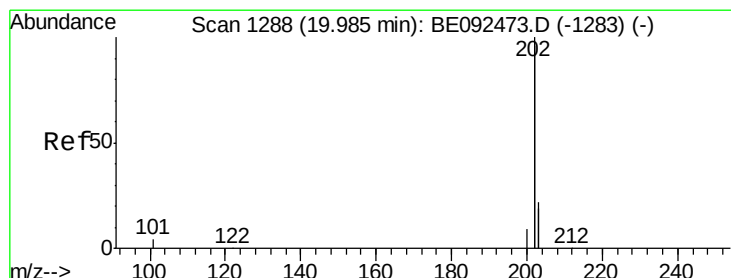
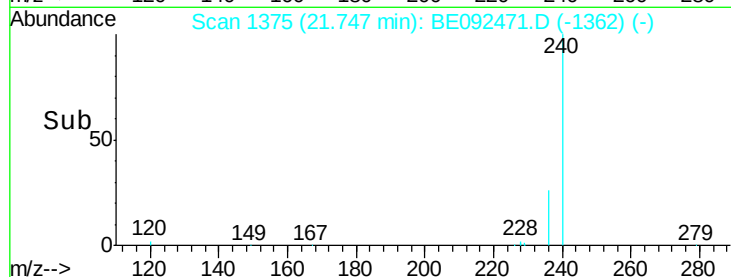
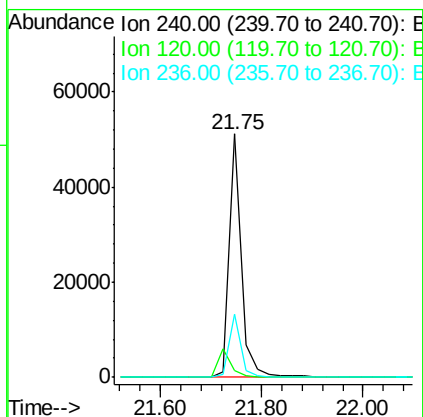
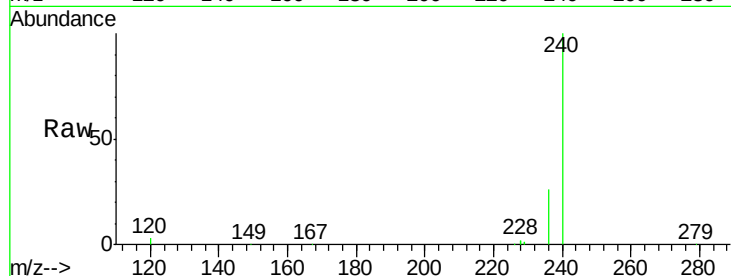




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092471.D
Acq: 25 Oct 2016 9:12

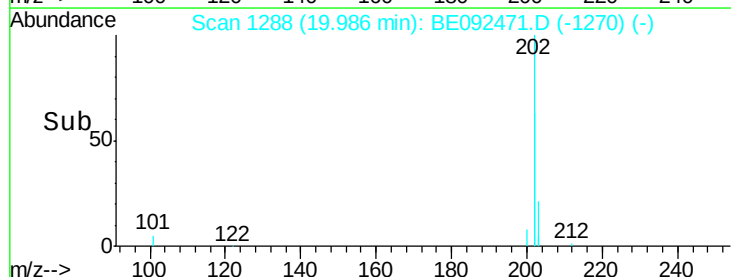
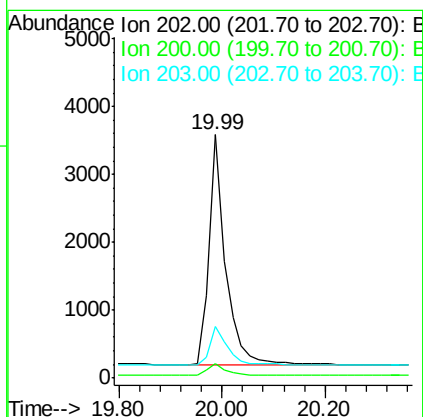
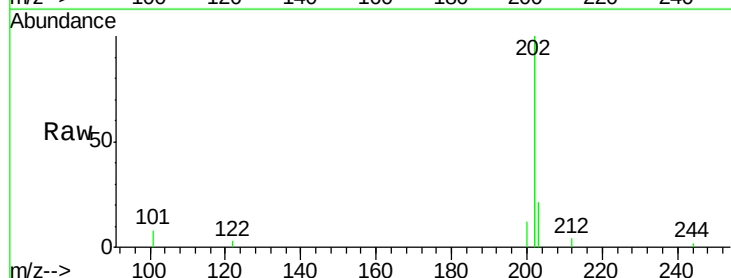
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

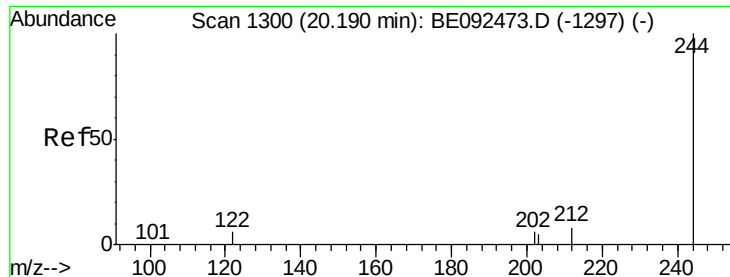
Tot Ion:240 Resp: 85027
Ion Ratio Lower Upper
240 100
120 2.6 2.6 4.0#
236 25.9 24.6 37.0



#25
Pyrene
Concen: 0.10 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092471.D
Acq: 25 Oct 2016 9:12

Tgt Ion:202 Resp: 7533
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 18.0 13.9 20.9

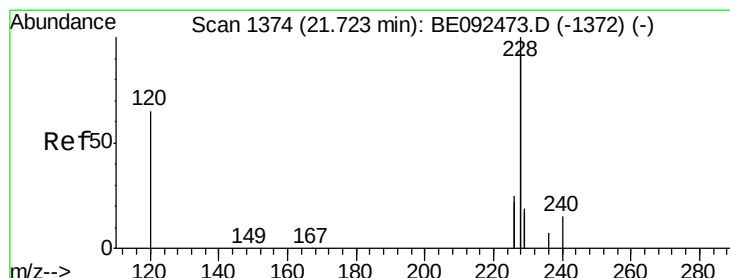
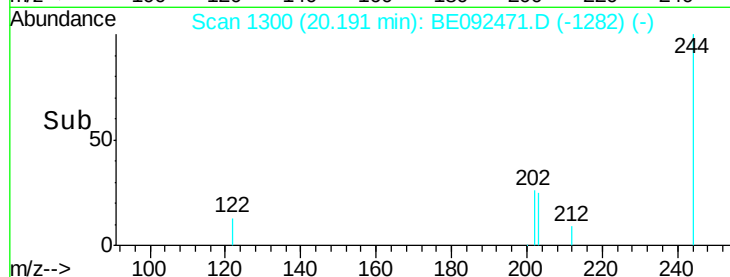
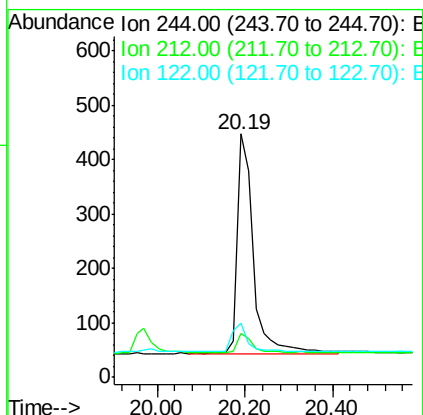
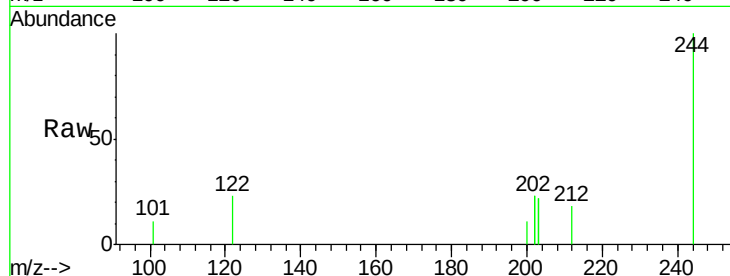




#26
 Terphenyl-d14
 Concen: 0.10 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

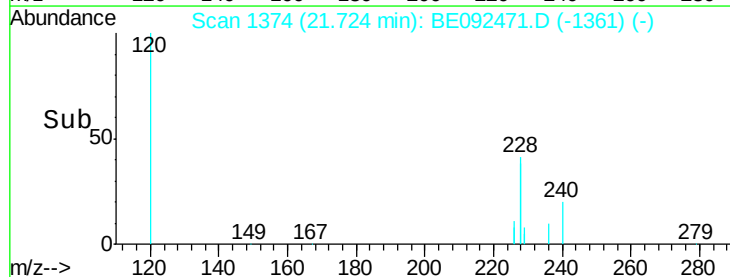
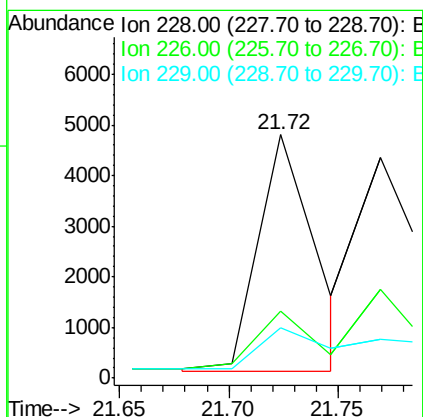
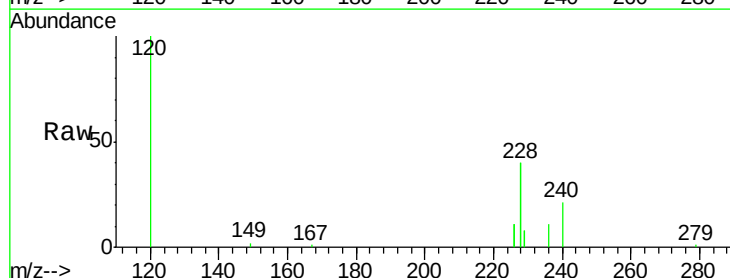
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

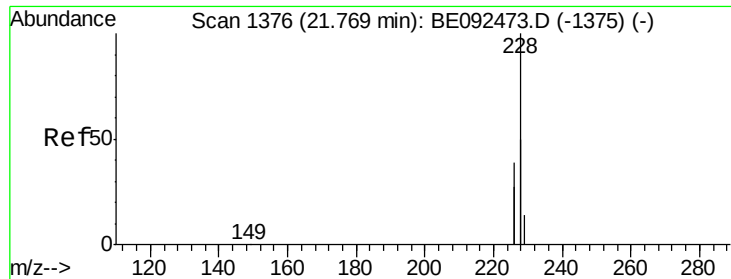
Tot Ion:244 Resp: 1007
 Ion Ratio Lower Upper
 244 100
 212 18.3 6.7 10.1#
 122 22.6 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.10 ng m
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

Tgt Ion:228 Resp: 8588
 Ion Ratio Lower Upper
 228 100
 226 27.5 23.6 35.4
 229 20.5 13.3 19.9#





#28

Chrysene

Concen: 0.12 ng/mL

RT: 21.77 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument:

BNA_E

ClientSampleID:

SSTDIC0.1

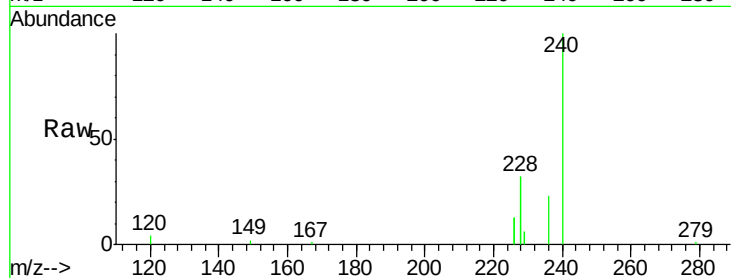
Tot Ion: 228 Resp: 9385

Ion Ratio Lower Upper

228 100

226 40.5 36.3 54.5

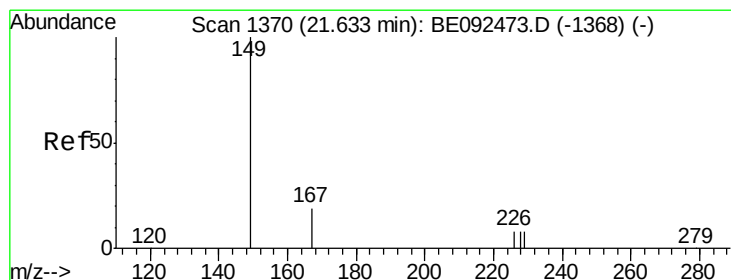
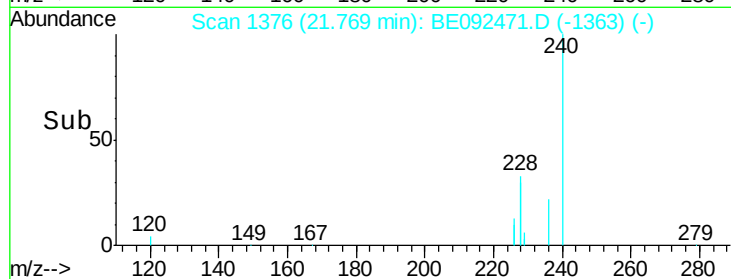
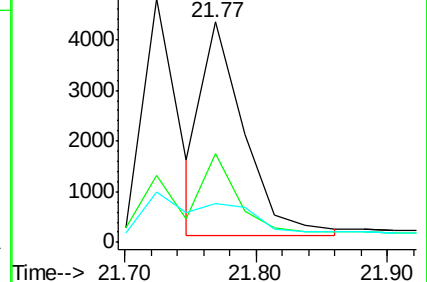
229 17.5 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng/mL

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

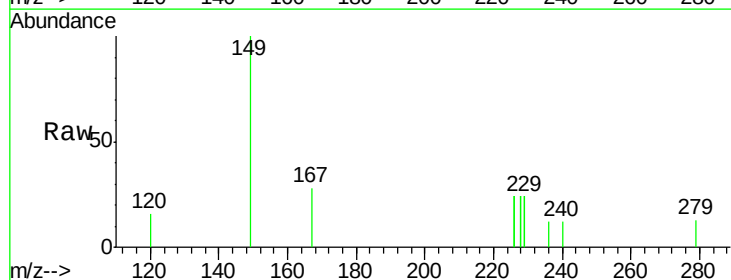
Tgt Ion: 149 Resp: 516

Ion Ratio Lower Upper

149 100

167 23.4 16.0 24.0

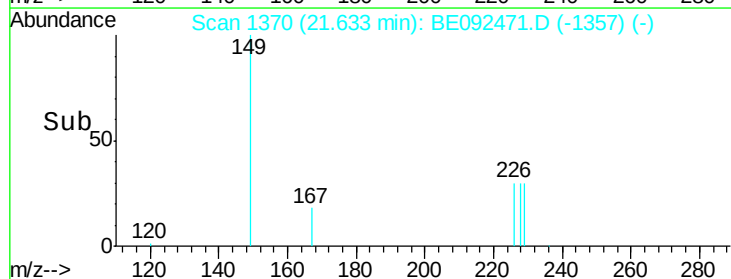
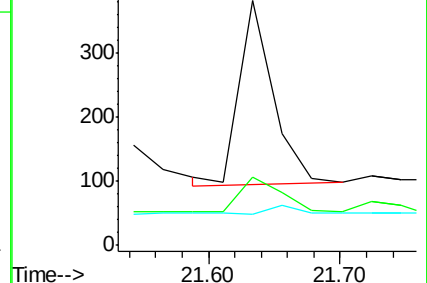
279 0.0 16.0 24.0#

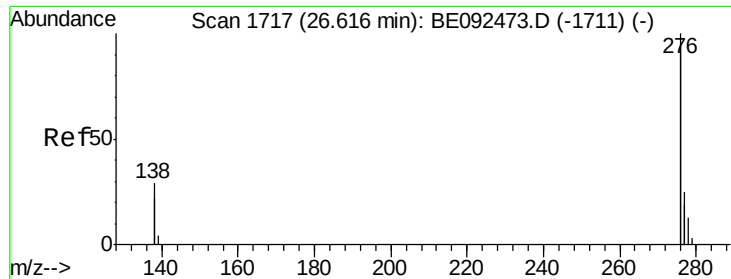


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

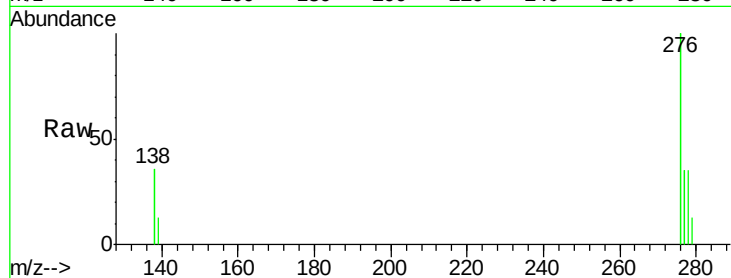




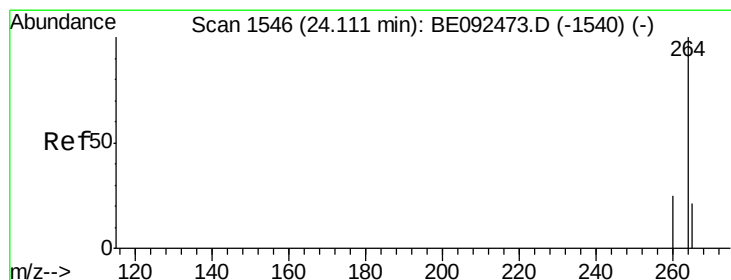
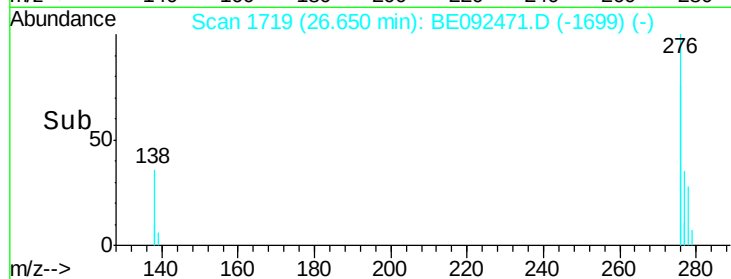
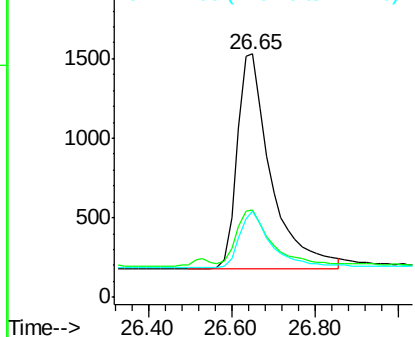
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng
 RT: 26.65 min Scan# 1719
 Delta R.T. 0.03 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:276 Resp: 7629
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.3 30.5
 277 25.1 19.7 29.5

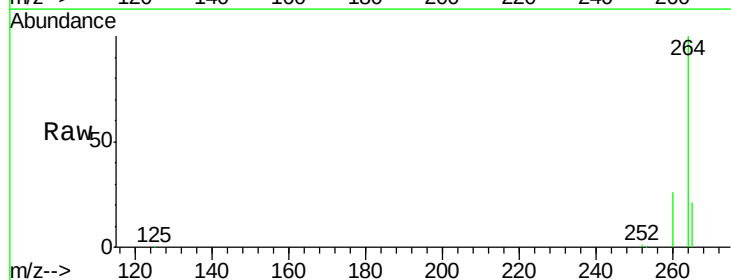


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

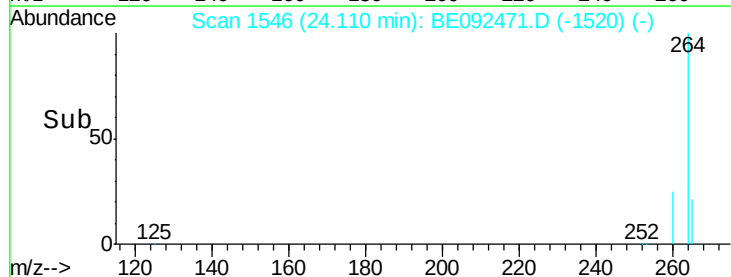
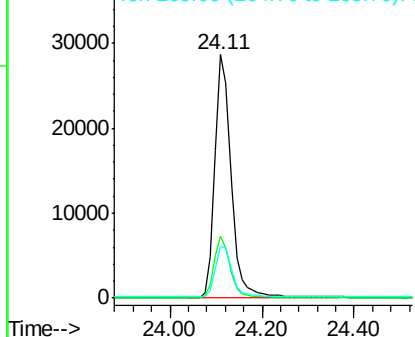


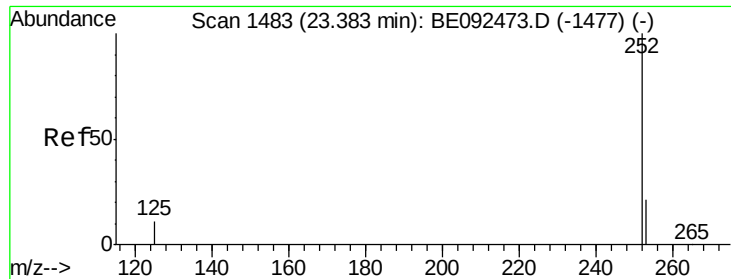
#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BE092471.D
 Acq: 25 Oct 2016 9:12

Tgt Ion:264 Resp: 70898
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 21.1 17.9 26.9



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





#32

Benzo(b)fluoranthene

Concen: 0.11 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

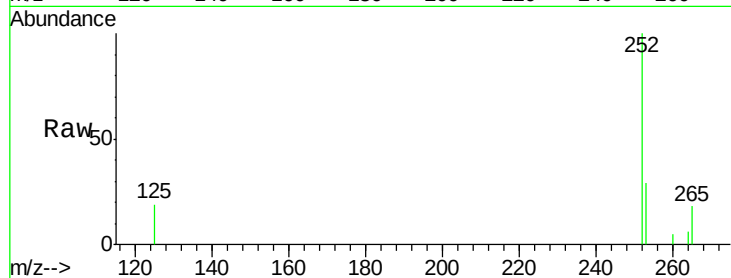
Tot Ion:252 Resp: 1874

Ion Ratio Lower Upper

252 100

253 29.1 18.7 28.1#

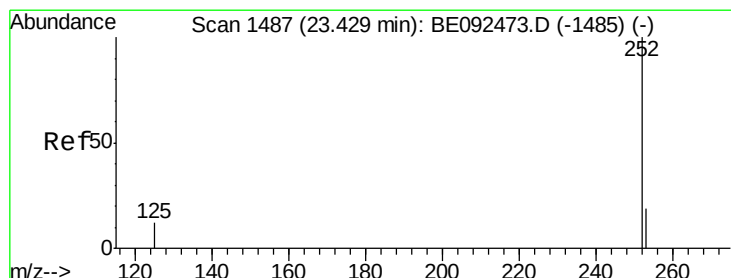
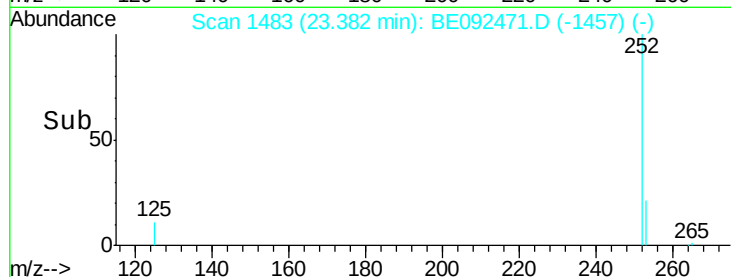
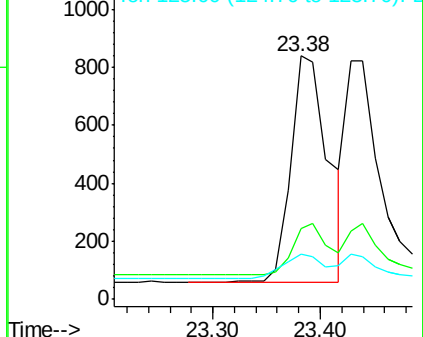
125 18.8 10.5 15.7#



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



#33

Benzo(k)fluoranthene

Concen: 0.10 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

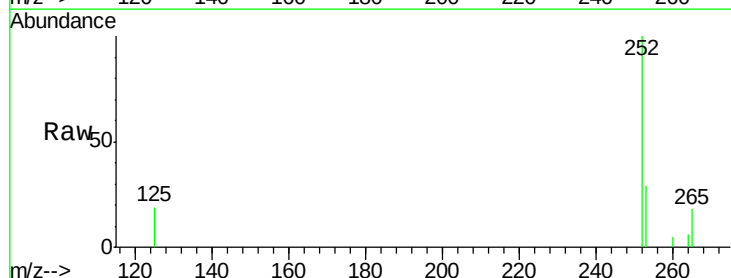
Tgt Ion:252 Resp: 1852

Ion Ratio Lower Upper

252 100

253 28.7 20.3 30.5

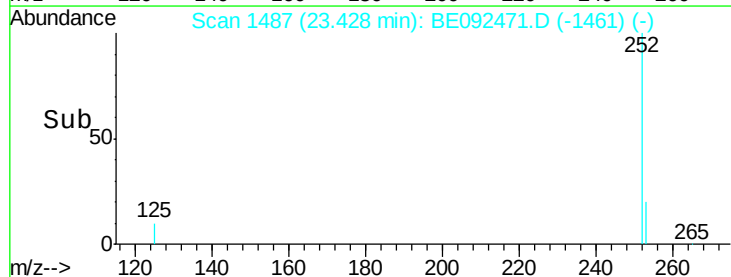
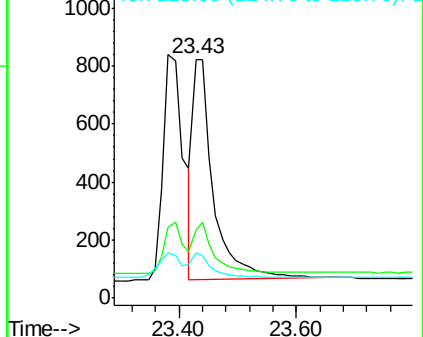
125 18.8 9.6 14.4#

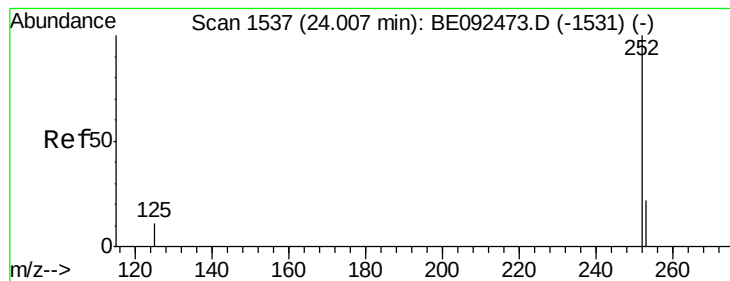


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#34

Benzo(a)pyrene

Concen: 0.10 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

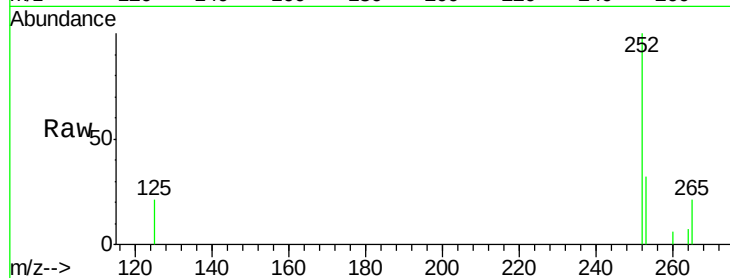
Tot Ion:252 Resp: 1644

Ion Ratio Lower Upper

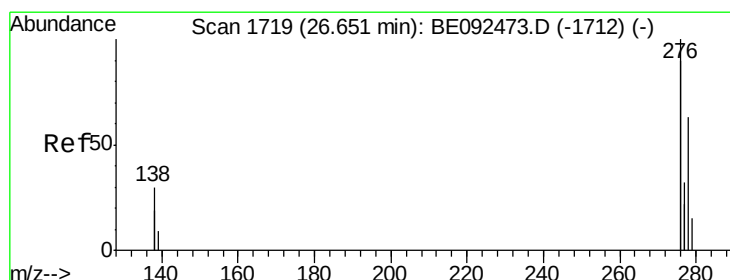
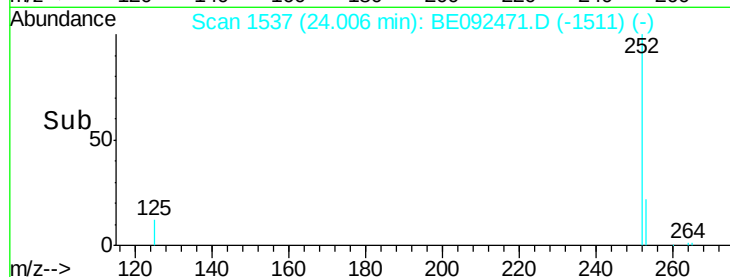
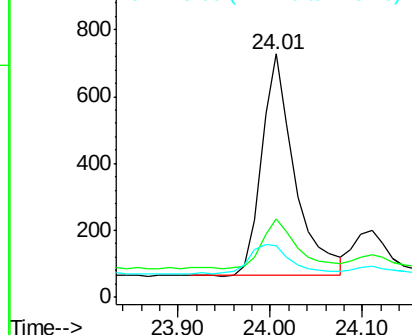
252 100

253 32.0 19.0 28.6#

125 21.0 11.8 17.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#35

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 26.67 min Scan# 1720

Delta R.T. 0.02 min

Lab File: BE092471.D

Acq: 25 Oct 2016 9:12

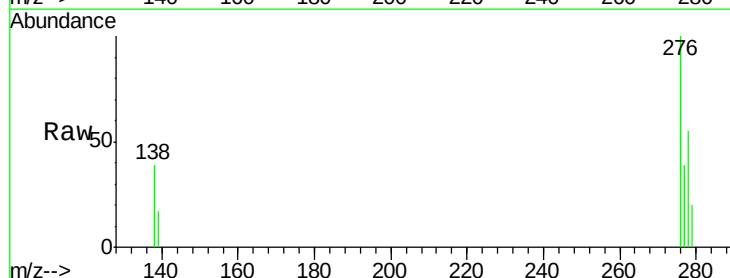
Tgt Ion:278 Resp: 1519

Ion Ratio Lower Upper

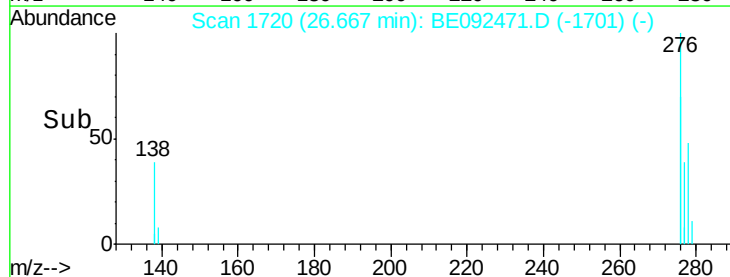
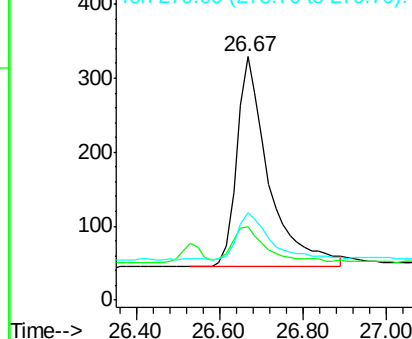
278 100

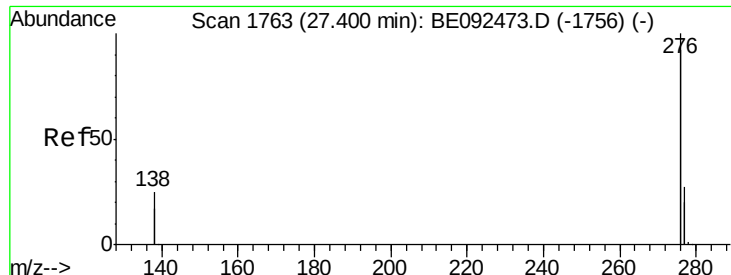
139 30.1 13.8 20.8#

279 35.9 21.4 32.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#36

Benzo(a,h,i)perylene

Concen: 0.11 ng

RT: 27.42 min Scan# 1764

Delta R.T. 0.02 min

Lab File: BE092471.D

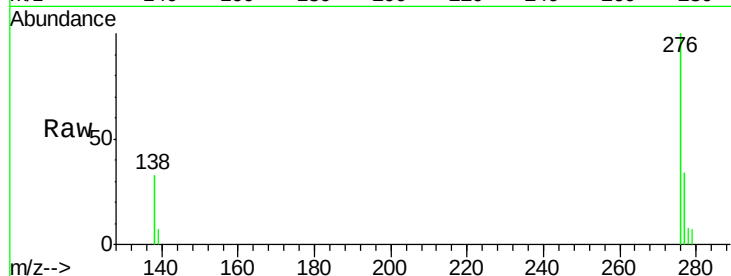
Acq: 25 Oct 2016 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



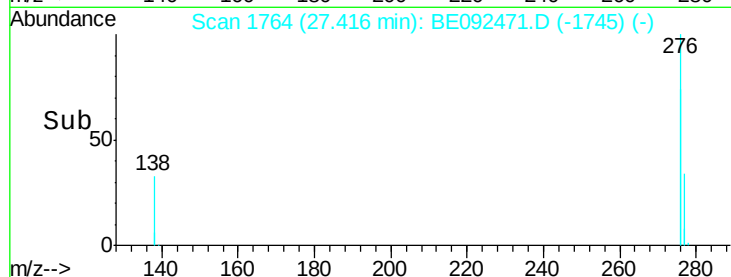
Tot Ion: 276 Resp: 6968

Ion Ratio Lower Upper

276 100

277 33.6 19.8 29.8#

138 33.1 19.8 29.6#



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

