

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
 Data File : BE092473.D
 Acq On : 25 Oct 2016 10:26
 Operator : UM/SJ
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Quant Time: Oct 25 13:03:24 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	8.17	152	10162	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	49079	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	34276	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	67596	5.00	ng	0.00
24) Chrysene-d12	21.75	240	82791	5.00	ng	0.00
31) Perylene-d12	24.11	264	68677	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.69	112	561	0.28	ng	0.00
5) Phenol-d6	7.36	99	807	0.29	ng	0.00
8) Nitrobenzene-d5	9.36	82	996	0.34	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	249	0.25	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	3278	0.40	ng	0.00
26) Terphenyl-d14	20.19	244	3796	0.37	ng	0.00

Target Compounds

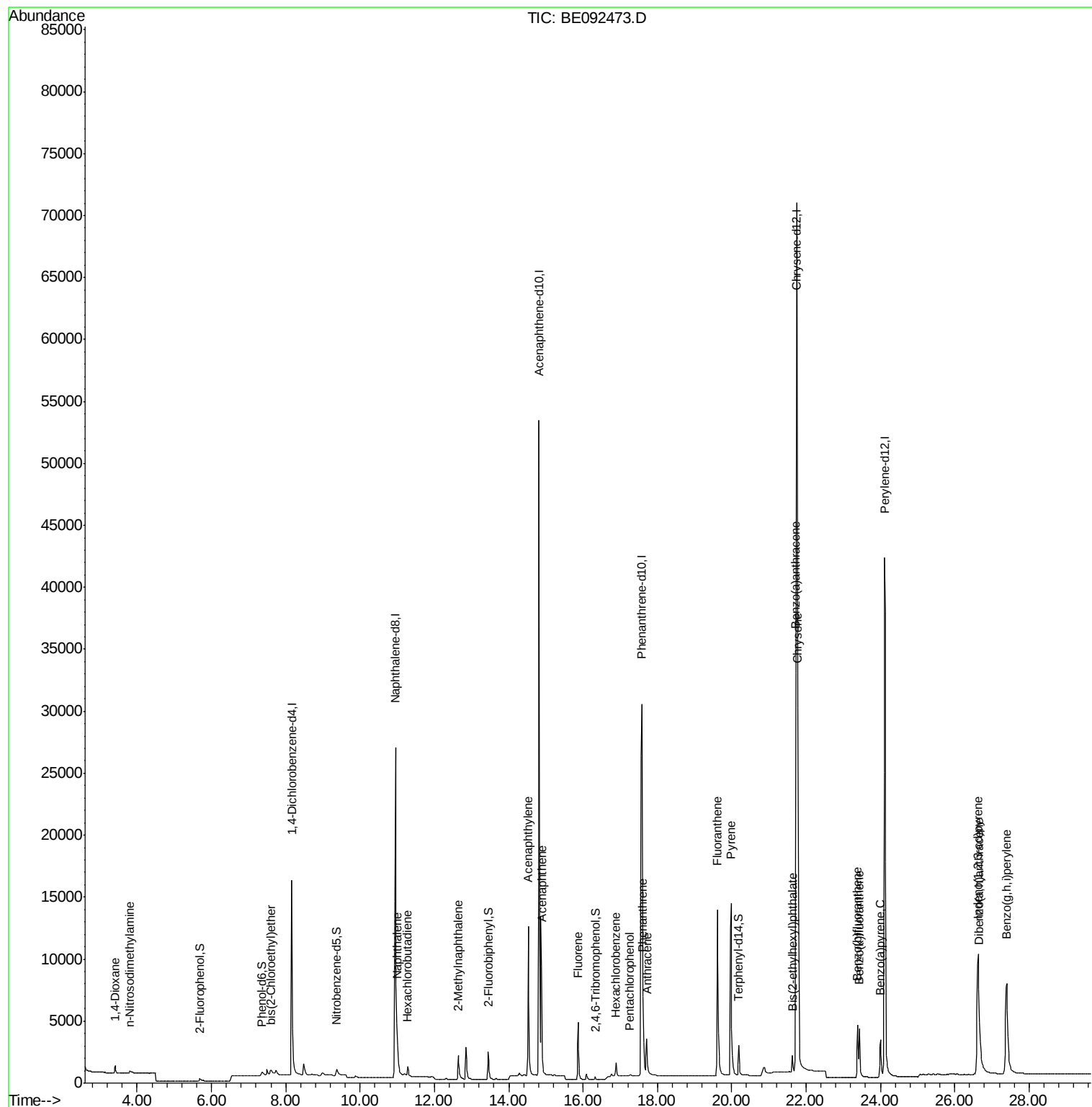
						Qvalue
2) 1,4-Dioxane	3.41	88	504	0.39	ng	96
3) n-Nitrosodimethylamine	3.80	42	468	0.39	ng	# 93
6) bis(2-Chloroethyl)ether	7.59	93	959	0.39	ng	# 68
9) Naphthalene	10.99	128	4243	0.40	ng	96
10) Hexachlorobutadiene	11.28	225	658	0.39	ng	99
11) 2-Methylnaphthalene	12.65	142	2634	0.37	ng	93
15) Acenaphthylene	14.53	152	18899	0.38	ng	99
16) Acenaphthene	14.88	154	3104	0.40	ng	96
17) Fluorene	15.87	166	3611	0.37	ng	99
19) Hexachlorobenzene	16.89	284	1165	0.40	ng	# 67
20) Pentachlorophenol	17.26	266	177	0.26	ng	89
21) Phenanthrene	17.60	178	6399	0.41	ng	# 95
22) Anthracene	17.72	178	5544	0.37	ng	99
23) Fluoranthene	19.61	202	26031	0.35	ng	100
25) Pyrene	19.99	202	26909	0.38	ng	100
27) Benzo(a)anthracene	21.72	228	28862m	0.36	ng	
28) Chrysene	21.77	228	31186m	0.42	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	1933	0.28	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.62	276	26199	0.33	ng	98
32) Benzo(b)fluoranthene	23.38	252	5945	0.36	ng	99
33) Benzo(k)fluoranthene	23.43	252	7016	0.40	ng	96
34) Benzo(a)pyrene	24.01	252	5465	0.34	ng	97
35) Dibenzo(a,h)anthracene	26.65	278	5262	0.35	ng	98
36) Benzo(g,h,i)perylene	27.40	276	23693	0.37	ng	97

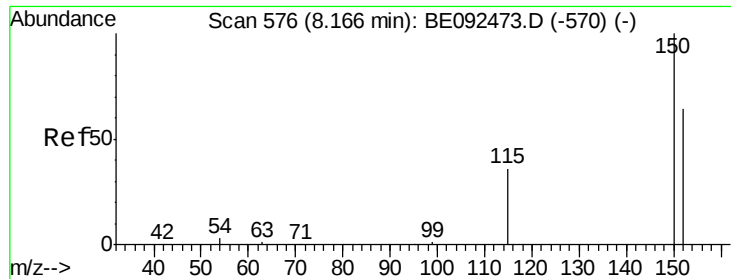
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

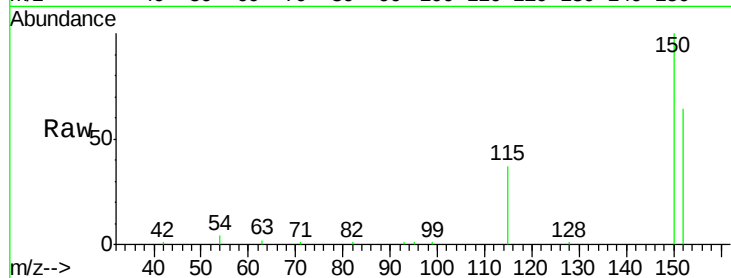
Tot Ion:152 Resp: 10162

Ion Ratio Lower Upper

152 100

150 156.7 106.0 159.0

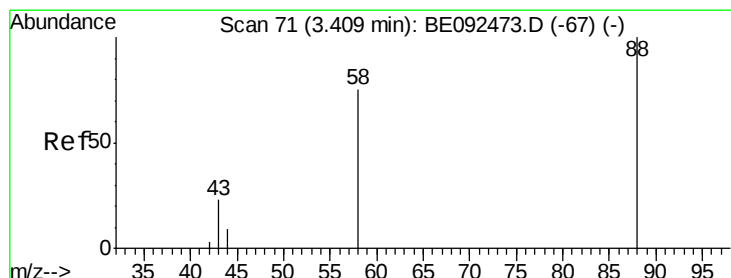
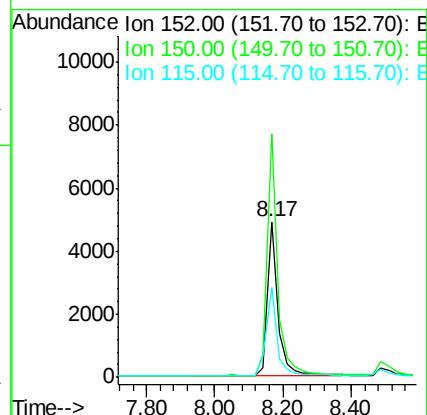
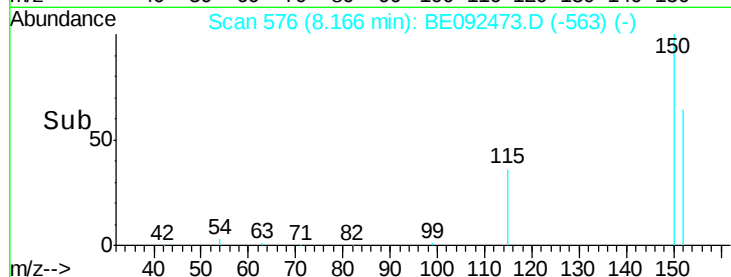
115 57.9 31.2 46.8#



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: 0.39 ng

RT: 3.41 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

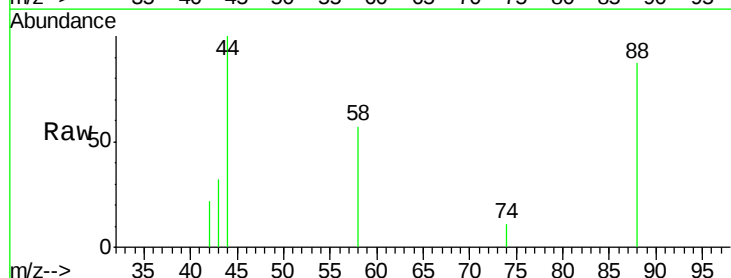
Tgt Ion: 88 Resp: 504

Ion Ratio Lower Upper

88 100

58 76.6 63.6 95.4

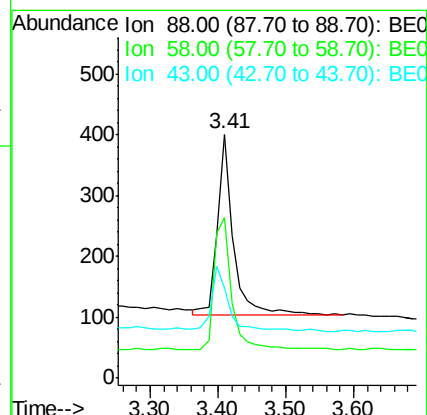
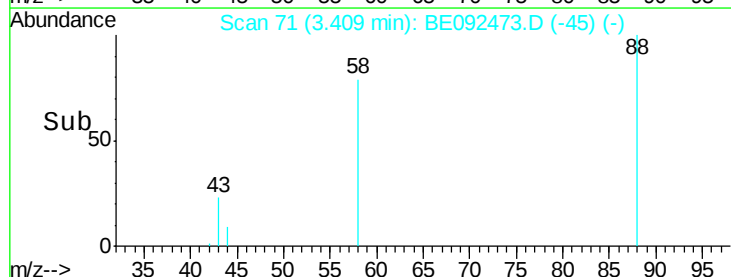
43 31.3 28.0 42.0

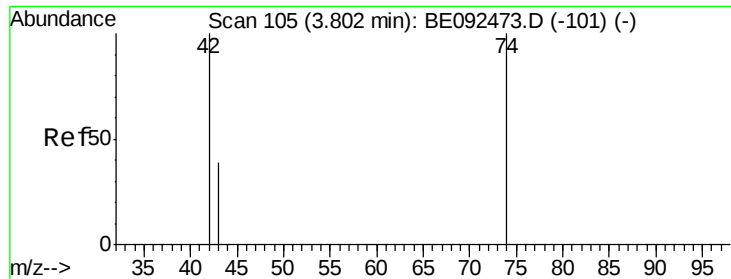


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

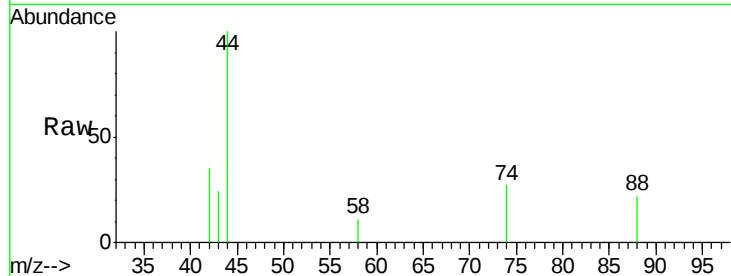
Tot Ion: 42 Resp: 468

Ion Ratio Lower Upper

42 100

74 100.9 86.0 129.0

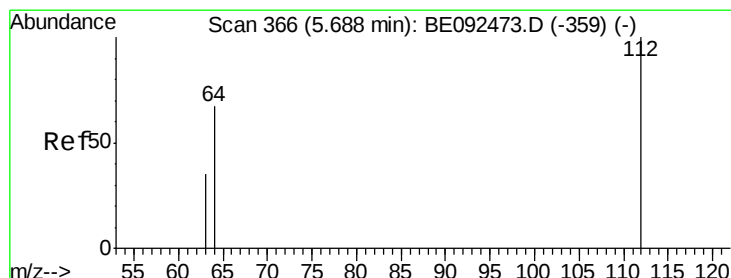
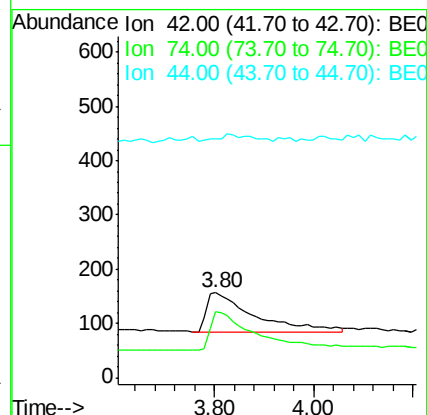
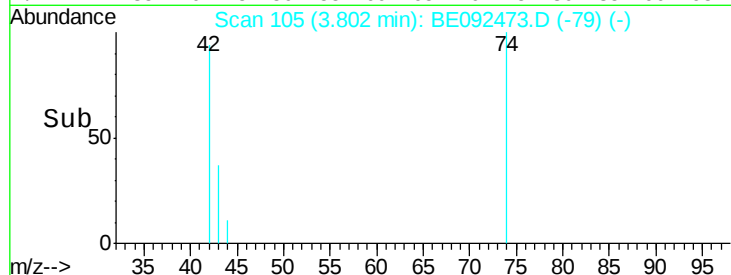
44 0.0 5.1 7.7#



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: 0.28 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

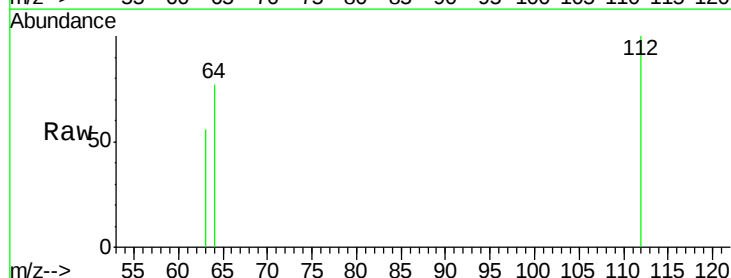
Tgt Ion: 112 Resp: 561

Ion Ratio Lower Upper

112 100

64 70.6 53.5 80.3

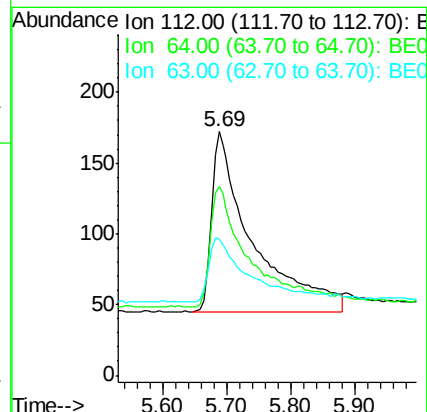
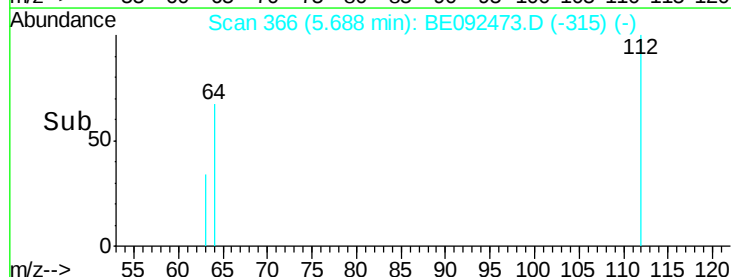
63 36.0 27.9 41.9

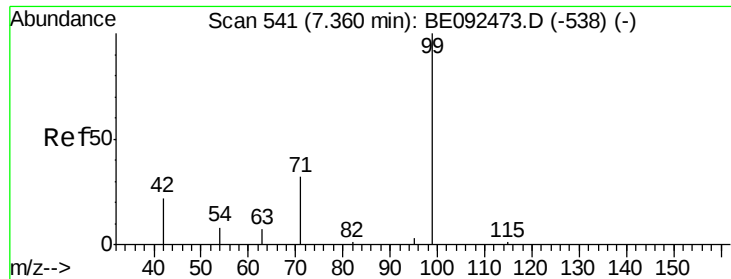


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.29 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

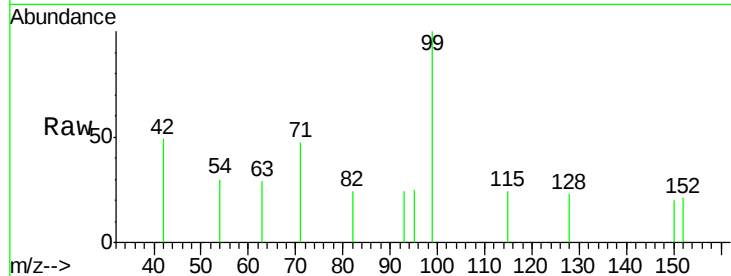
Tot Ion: 99 Resp: 807

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

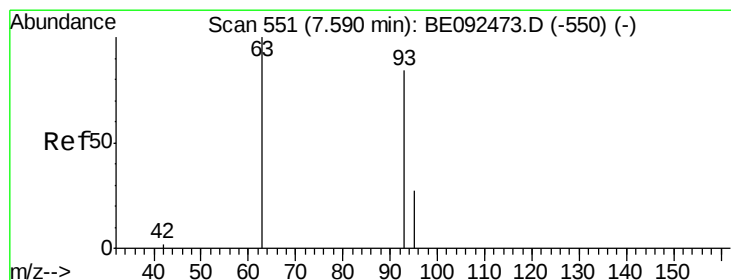
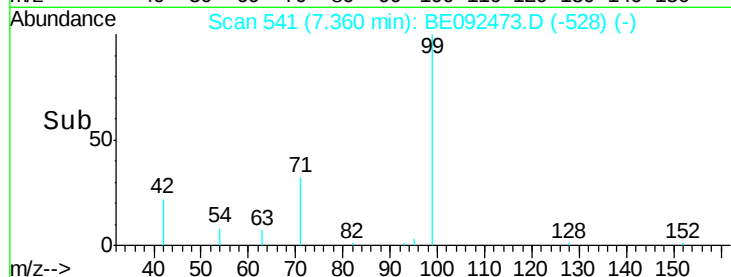
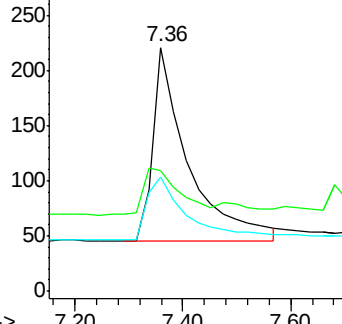
71 36.3 30.6 45.8



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: 0.39 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

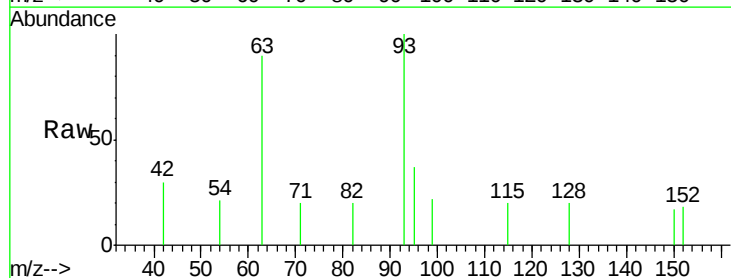
Tgt Ion: 93 Resp: 959

Ion Ratio Lower Upper

93 100

63 67.3 71.6 107.4#

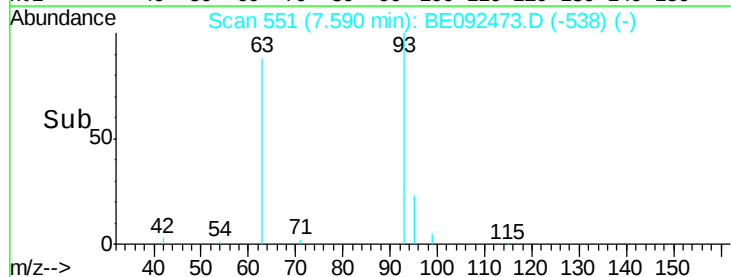
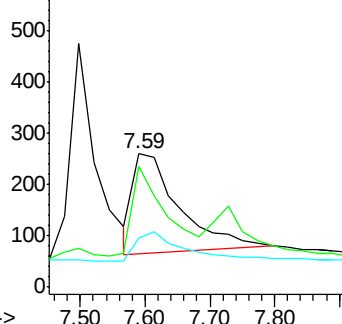
95 0.0 24.0 36.0#

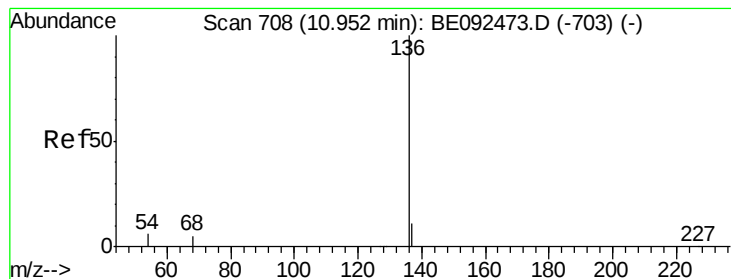


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

Tot Ion:136 Resp: 49079

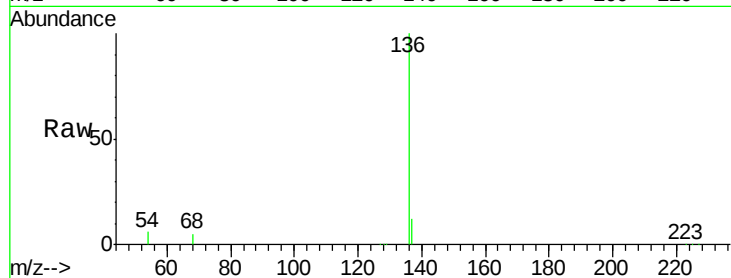
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 6.5 9.6 14.4#

68 4.9 6.7 10.1#

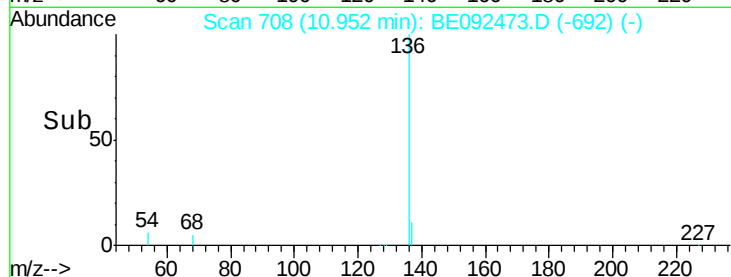


Abundance Ion 136.00 (135.70 to 136.70): E

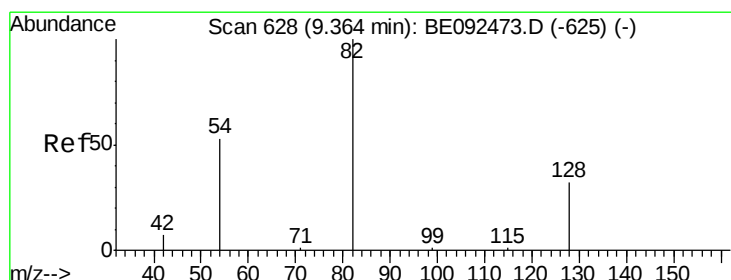
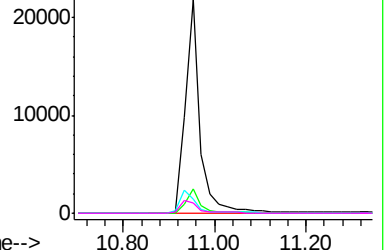
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

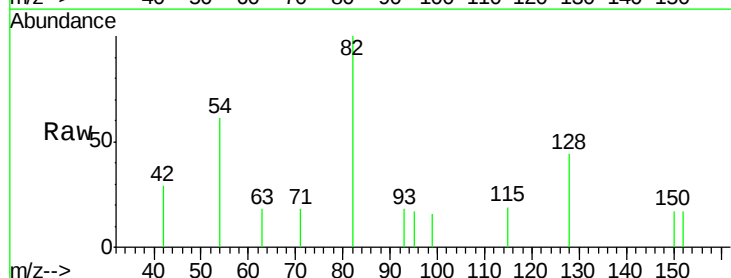
Tgt Ion: 82 Resp: 996

Ion Ratio Lower Upper

82 100

128 43.9 39.0 58.4

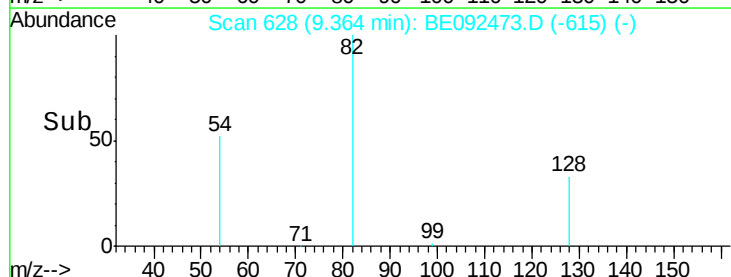
54 61.5 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

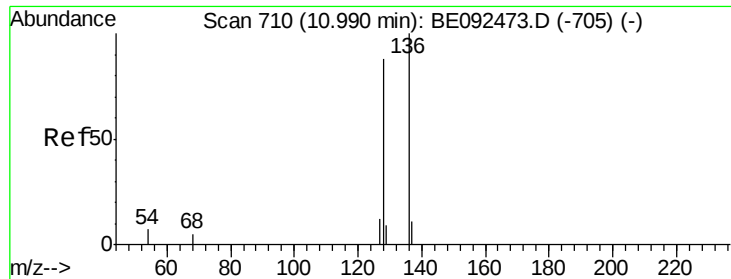
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

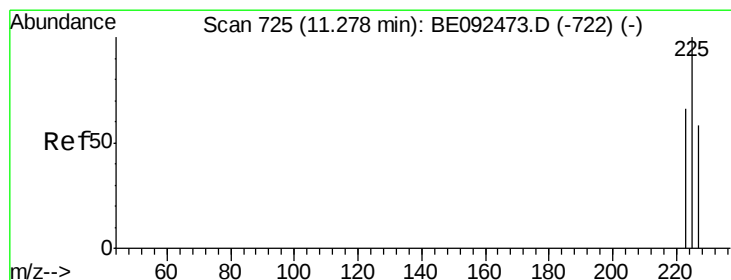
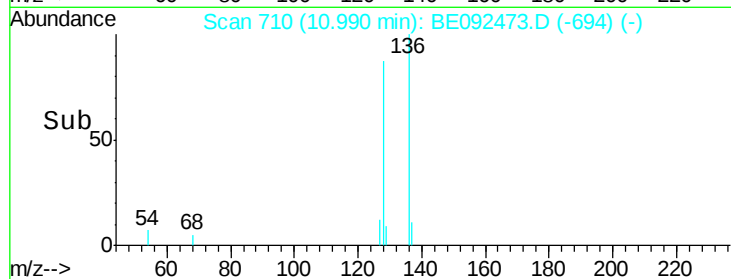
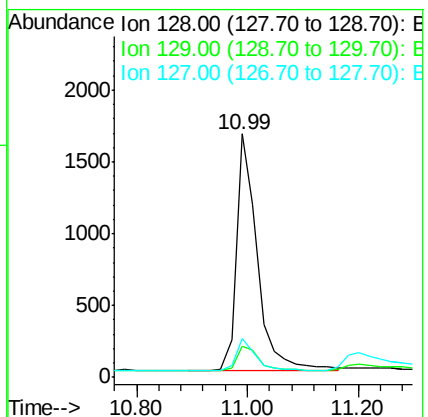
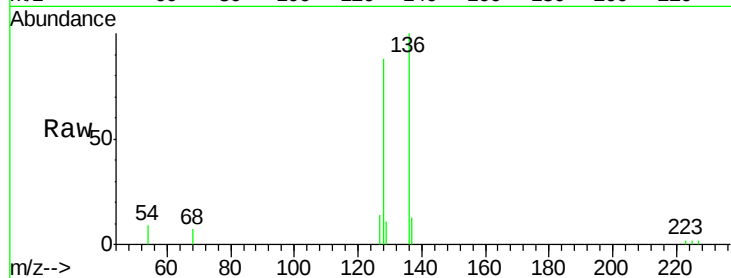
Tot Ion:128 Resp: 4243

Ion Ratio Lower Upper

128 100

129 12.7 11.2 16.8

127 16.0 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.39 ng

RT: 11.28 min Scan# 725

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

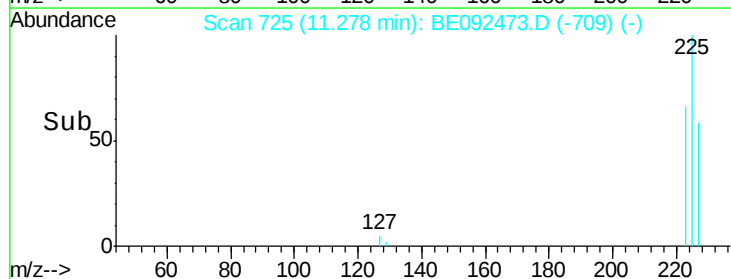
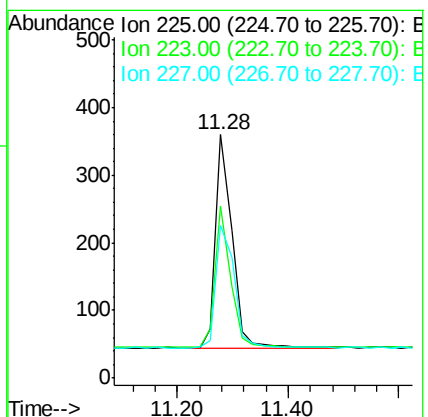
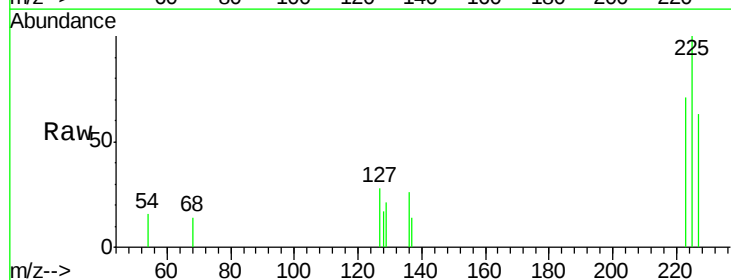
Tgt Ion:225 Resp: 658

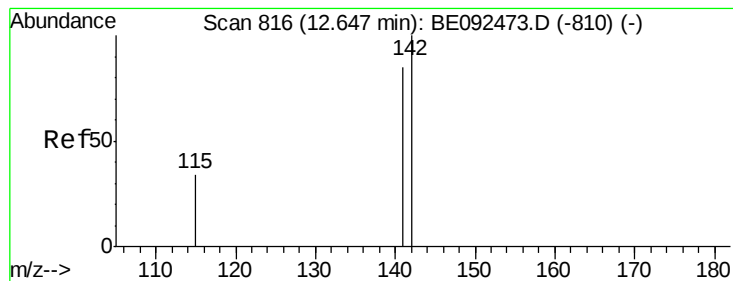
Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

227 64.1 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.65 min Scan# 816

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

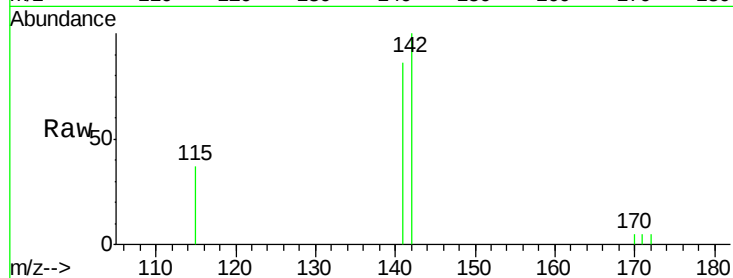
Tot Ion:142 Resp: 2634

Ion Ratio Lower Upper

142 100

141 85.7 73.7 110.5

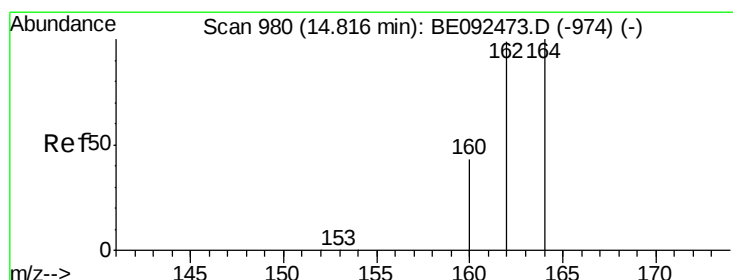
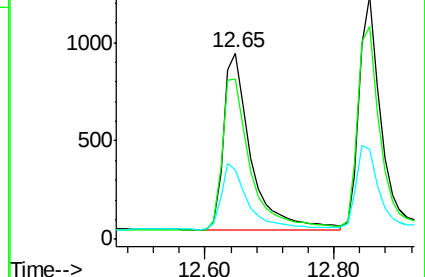
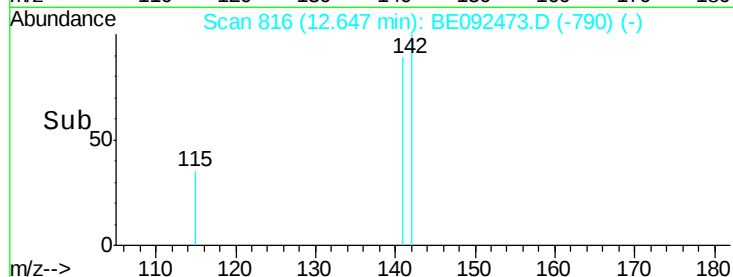
115 37.4 34.0 51.0



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

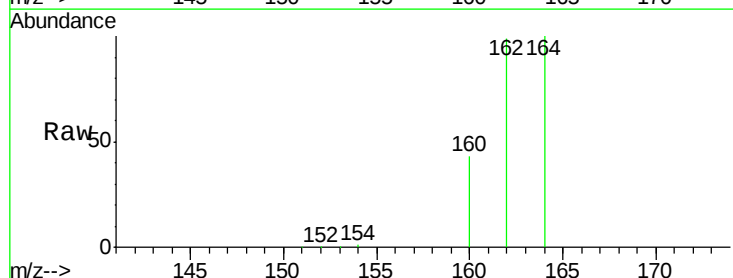
Tgt Ion:164 Resp: 34276

Ion Ratio Lower Upper

164 100

162 99.0 71.4 107.0

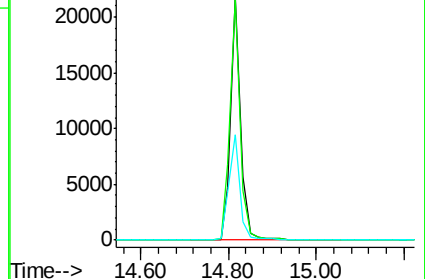
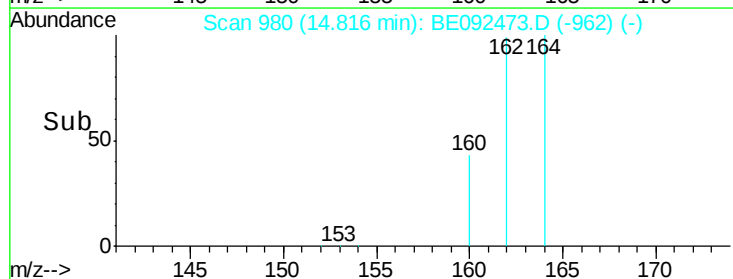
160 43.2 27.4 41.2#

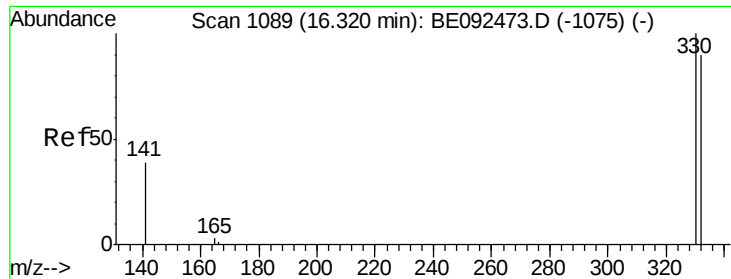


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

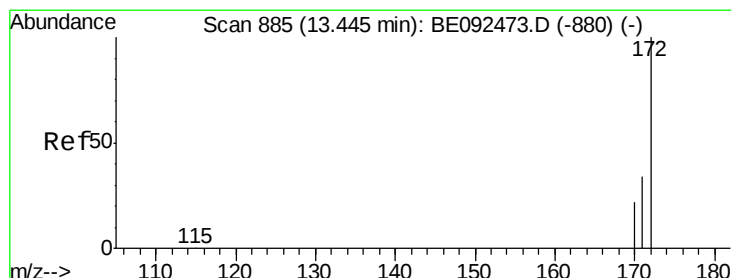
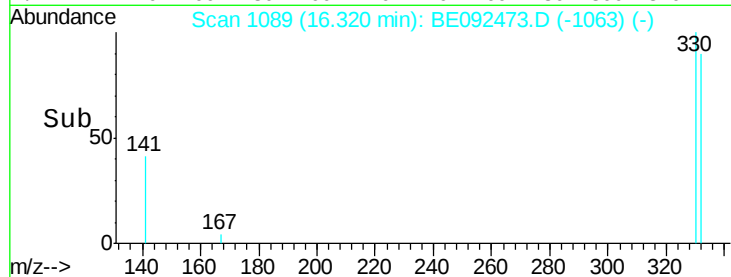
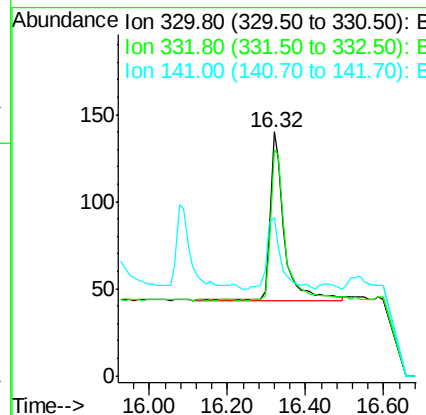
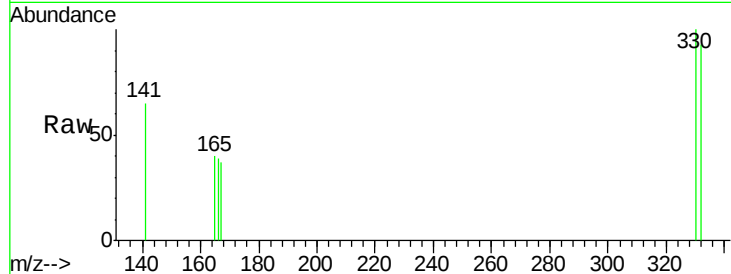




#13
 2,4,6-Tribromophenol
 Concen: 0.25 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092473.D
 Acq: 25 Oct 2016 10:26

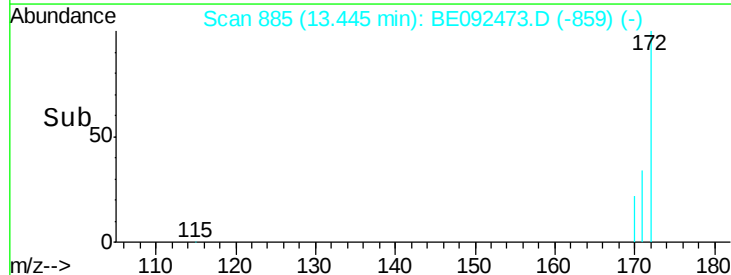
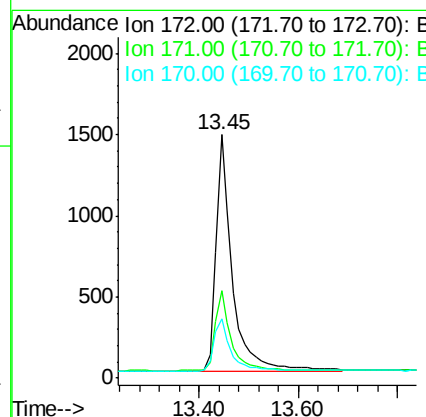
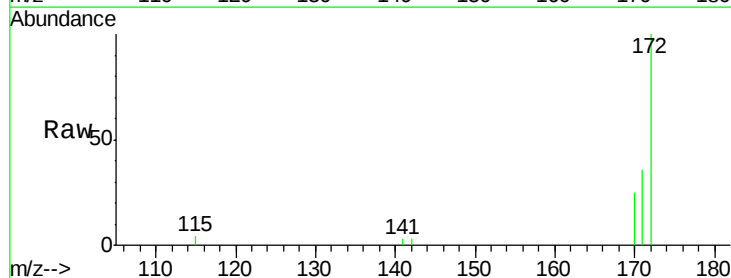
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

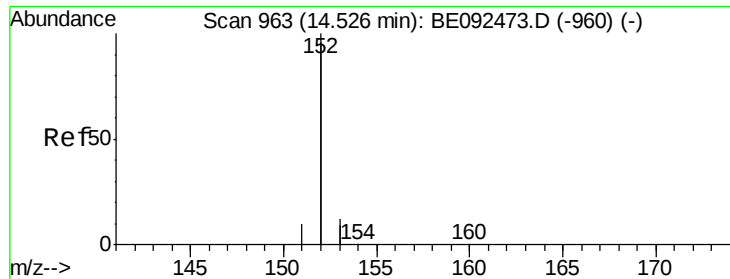
Tot Ion:330 Resp: 249
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.0
 141 41.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092473.D
 Acq: 25 Oct 2016 10:26

Tgt Ion:172 Resp: 3278
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.1 45.1
 170 24.5 21.8 32.6





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

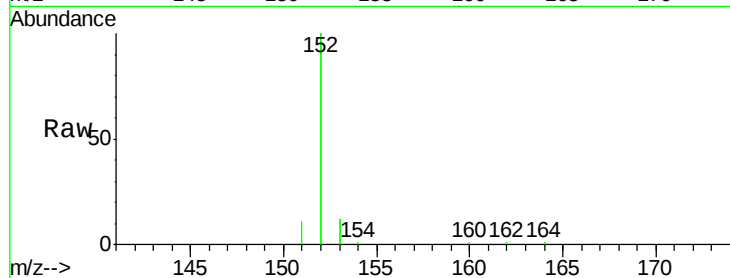
Tot Ion:152 Resp: 18899

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

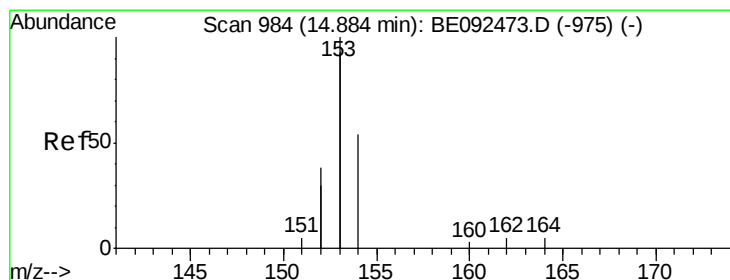
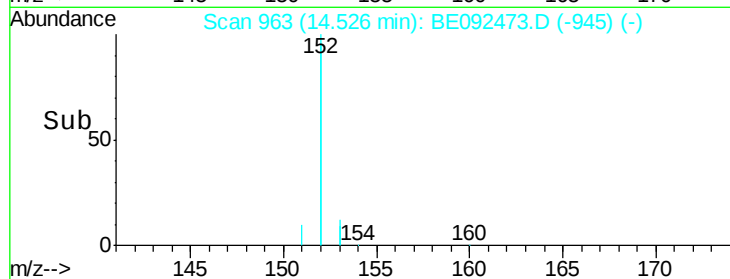
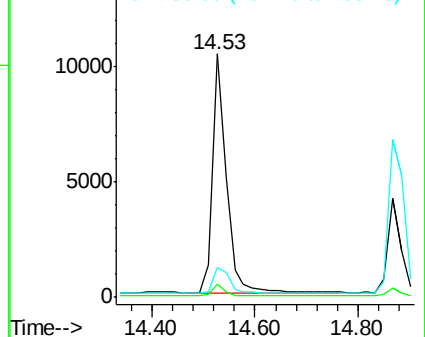
153 12.7 10.4 15.6



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: 0.40 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

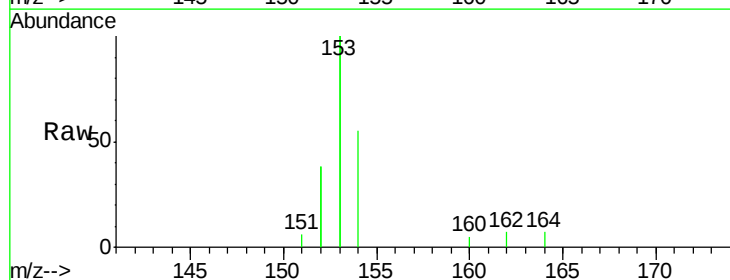
Tgt Ion:154 Resp: 3104

Ion Ratio Lower Upper

154 100

153 437.8 350.8 526.2

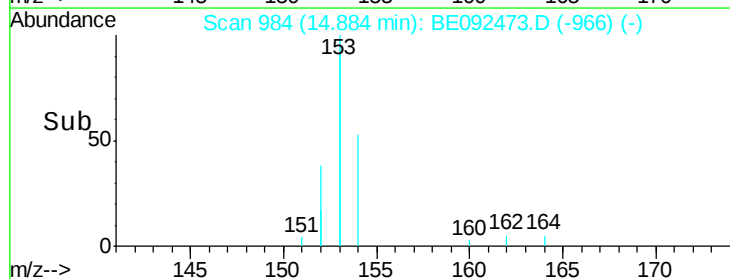
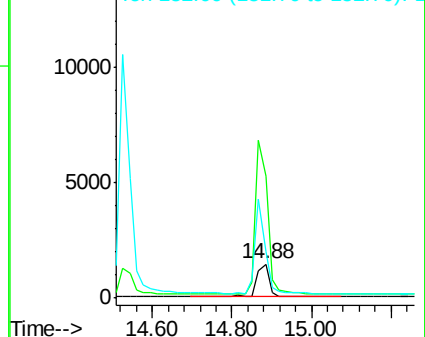
152 231.2 171.1 256.7

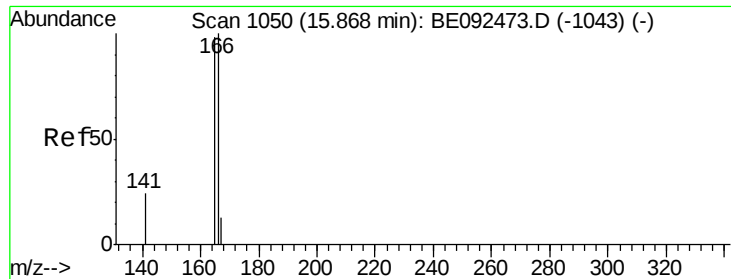


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.37 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

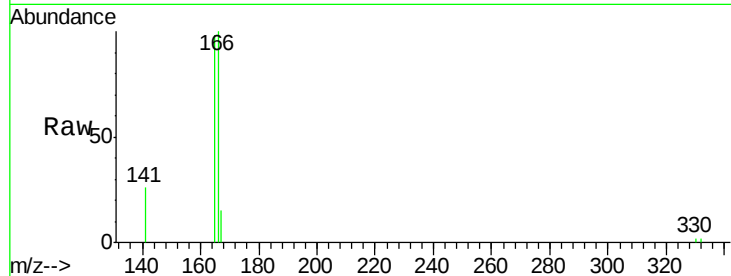
Tot Ion:166 Resp: 3611

Ion Ratio Lower Upper

166 100

165 99.2 78.2 117.4

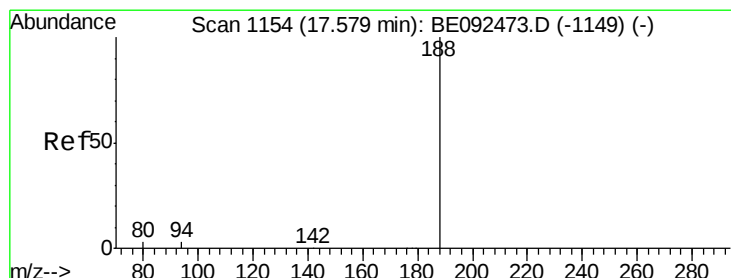
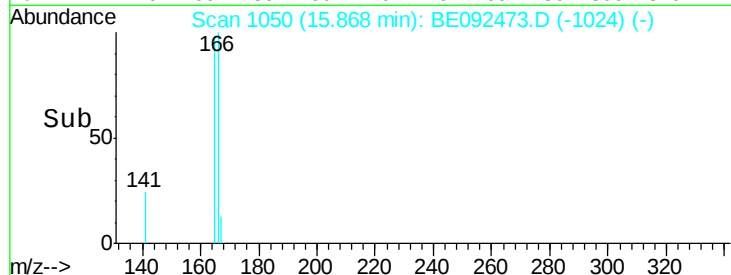
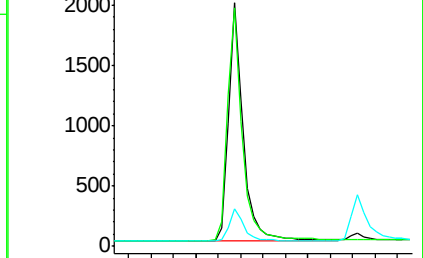
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

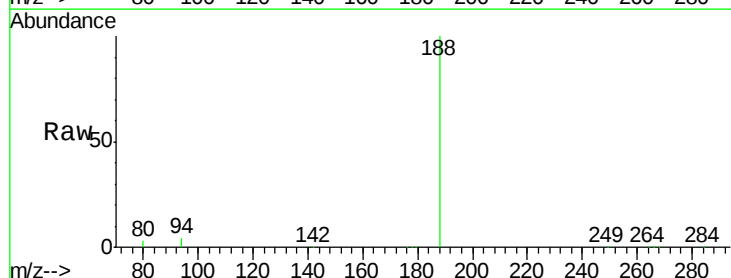
Tgt Ion:188 Resp: 67596

Ion Ratio Lower Upper

188 100

94 3.6 3.2 4.8

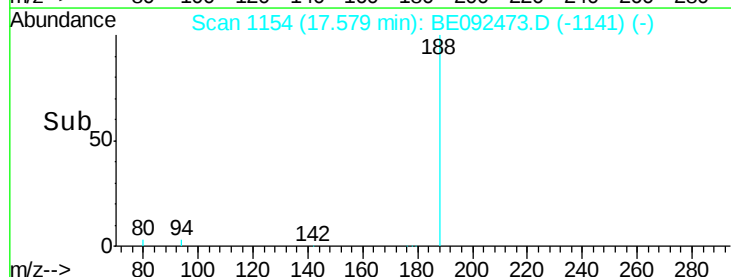
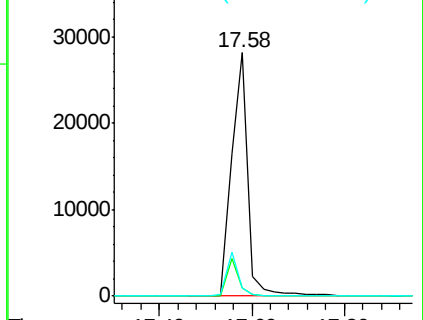
80 3.1 2.6 3.8

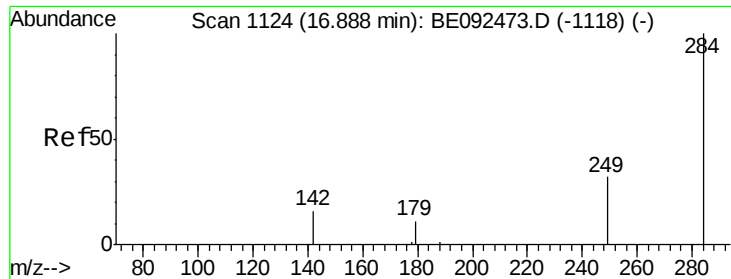


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

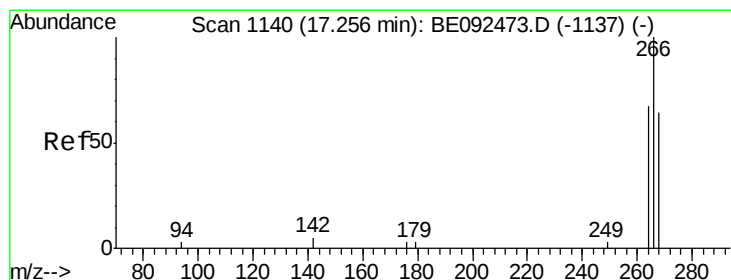
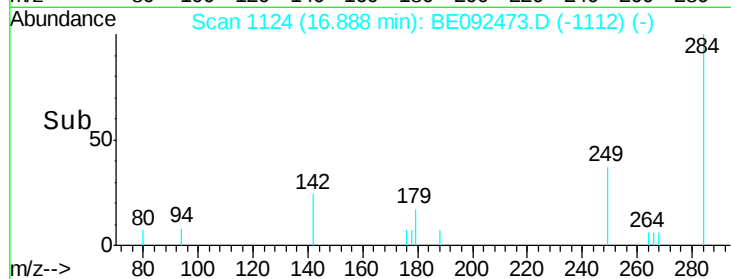
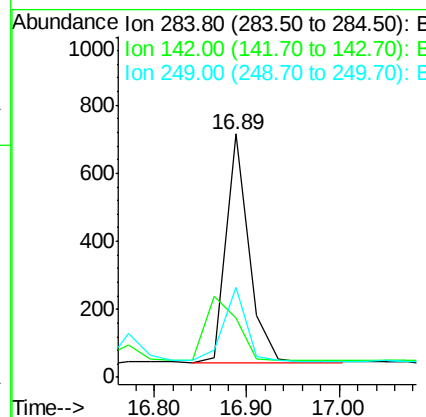
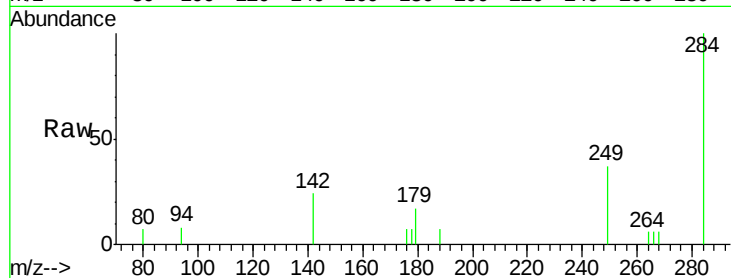




#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

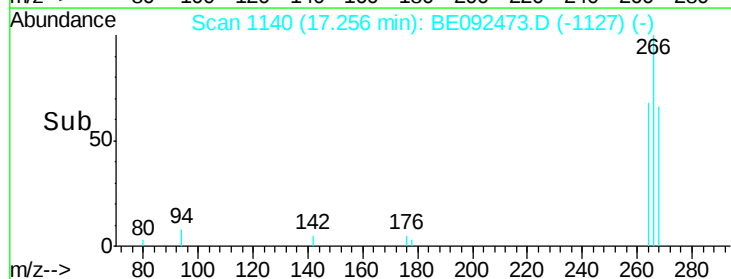
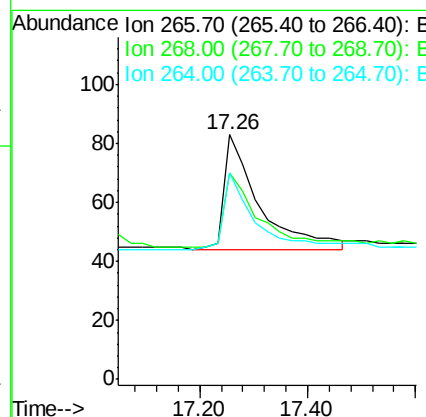
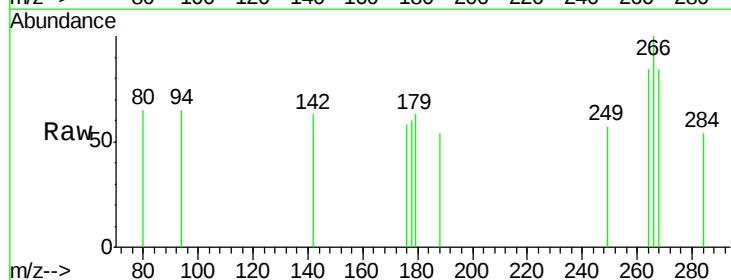
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.4

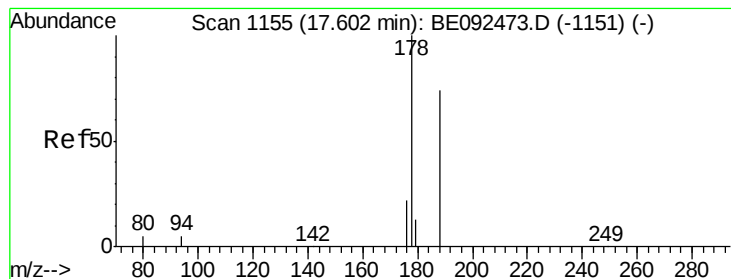
Tot Ion:284 Resp: 1165
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 32.5 27.9 41.9



#20
Pentachlorophenol
Concen: 0.26 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:266 Resp: 177
Ion Ratio Lower Upper
266 100
268 84.3 62.5 93.7
264 84.3 57.2 85.8





#21

Phenanthrene

Concen: 0.41 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

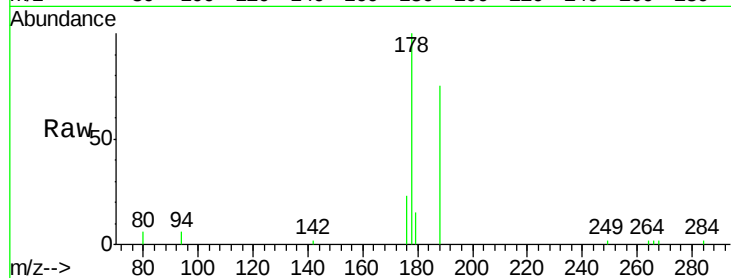
Tot Ion:178 Resp: 6399

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

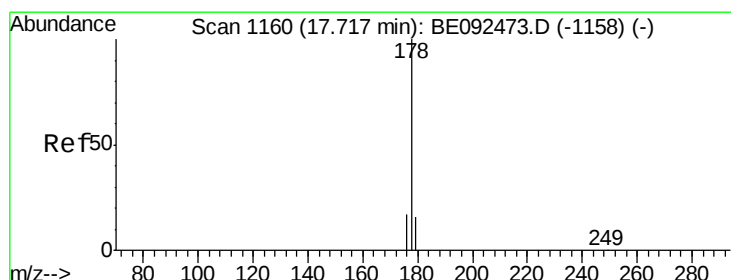
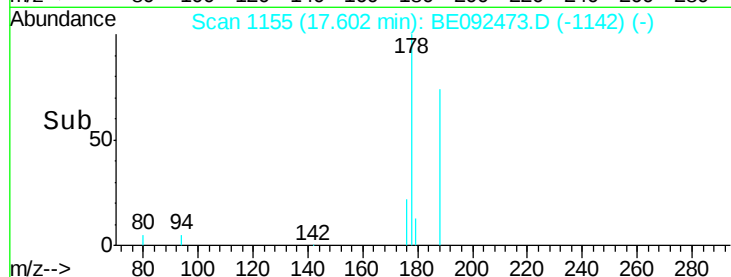
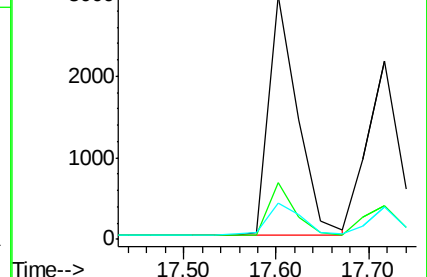
179 15.9 16.0 24.0#



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: 0.37 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

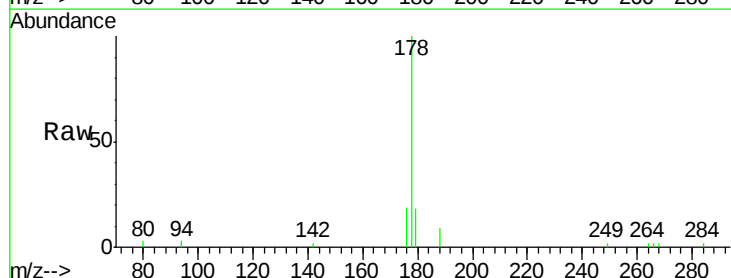
Tgt Ion:178 Resp: 5544

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

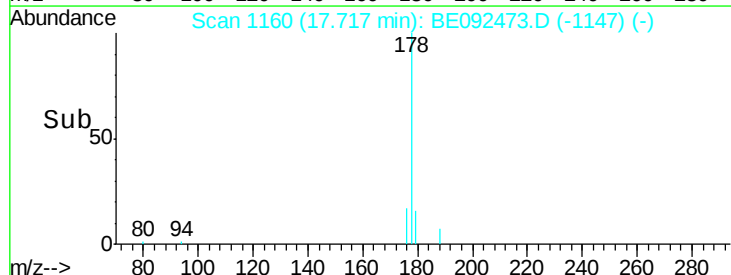
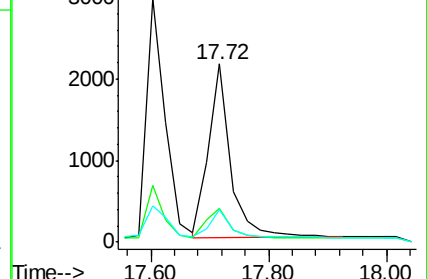
179 15.5 12.2 18.2

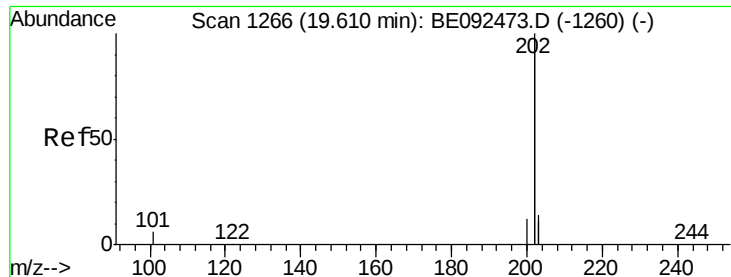


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

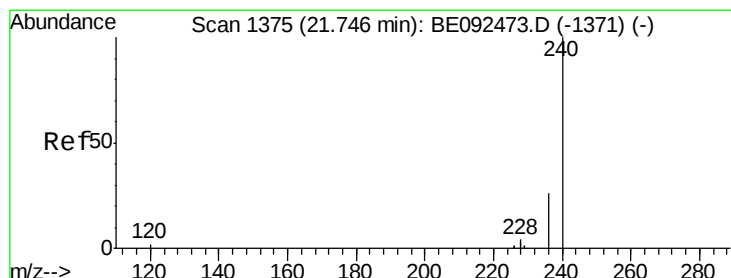
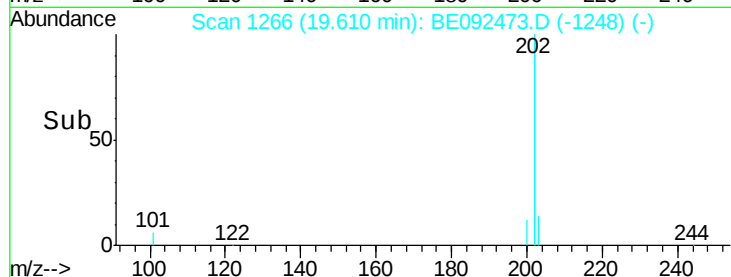
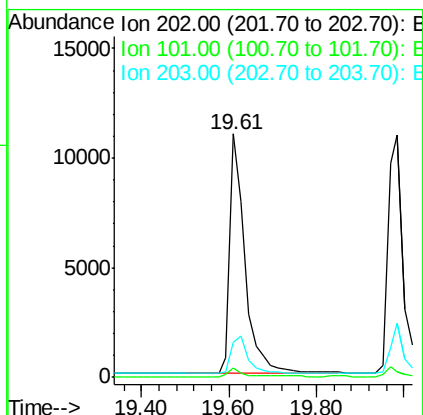
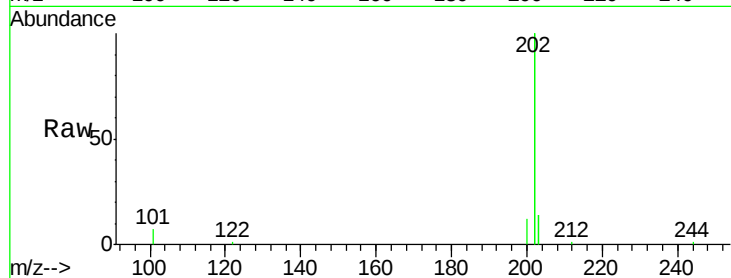




#23
 Fluoranthene
 Concen: 0.35 ng
 RT: 19.61 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BE092473.D
 Acq: 25 Oct 2016 10:26

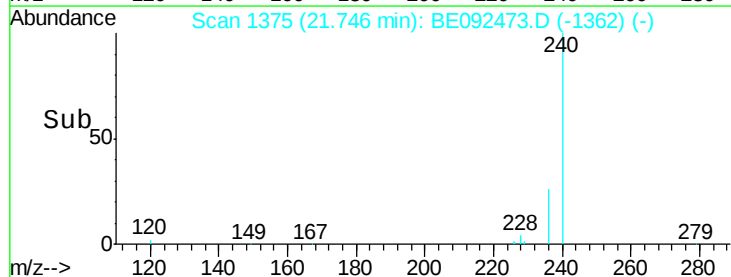
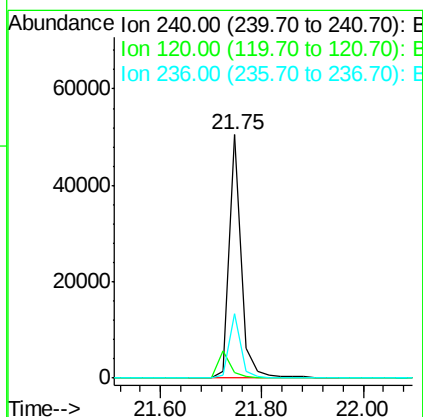
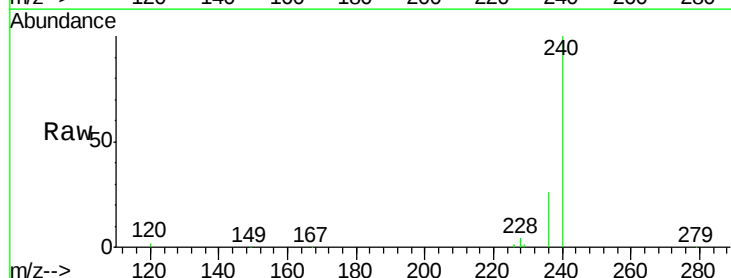
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

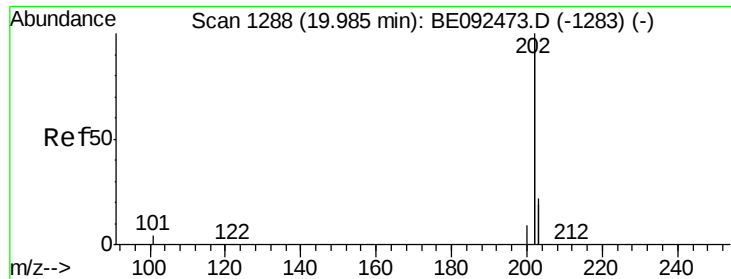
Tot Ion:202 Resp: 26031
 Ion Ratio Lower Upper
 202 100
 101 2.9 2.2 3.4
 203 17.1 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092473.D
 Acq: 25 Oct 2016 10:26

Tgt Ion:240 Resp: 82791
 Ion Ratio Lower Upper
 240 100
 120 2.5 2.6 4.0#
 236 26.4 24.6 37.0





#25

Pvrene

Concen: 0.38 ng

RT: 19.99 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

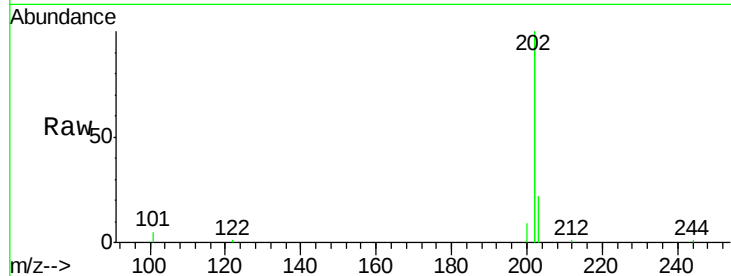
Tot Ion:202 Resp: 26909

Ion Ratio Lower Upper

202 100

200 5.2 4.2 6.4

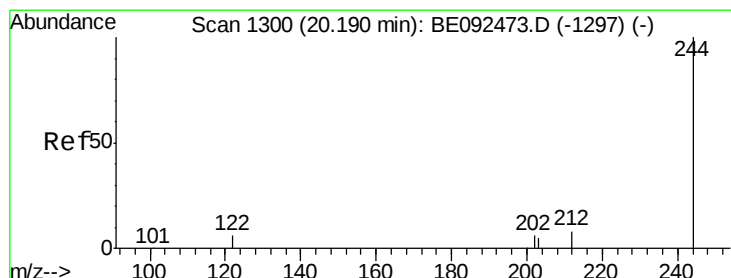
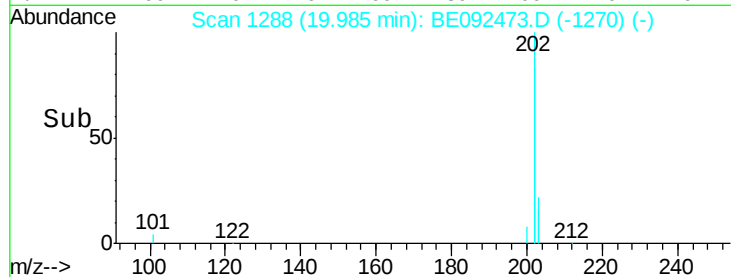
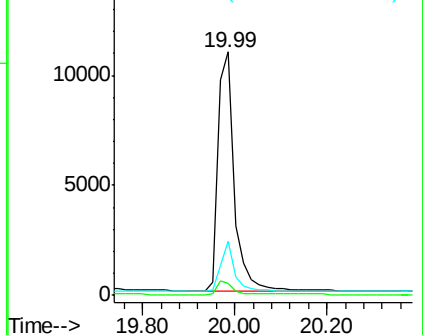
203 17.5 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.37 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

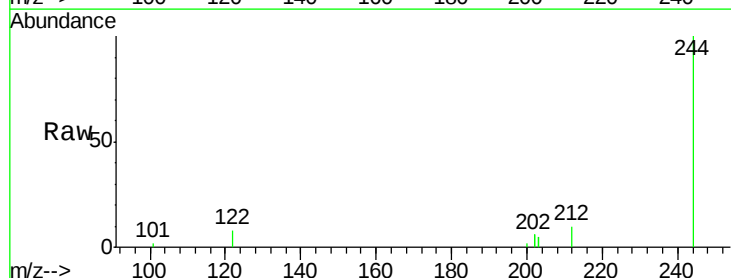
Tgt Ion:244 Resp: 3796

Ion Ratio Lower Upper

244 100

212 9.9 6.7 10.1

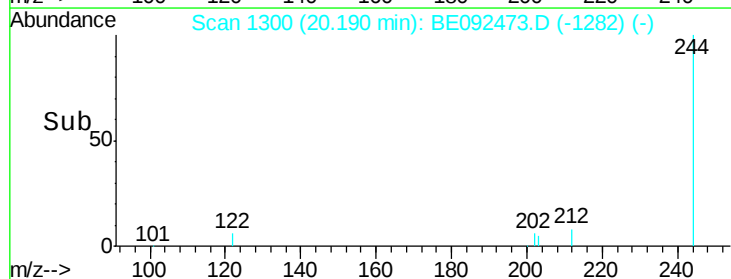
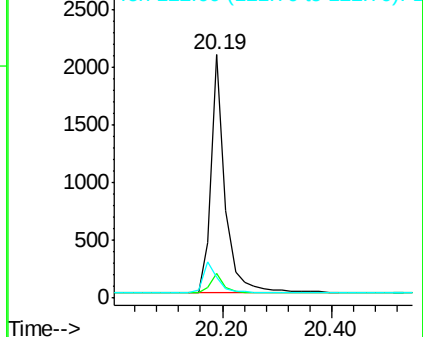
122 8.4 3.6 5.4#

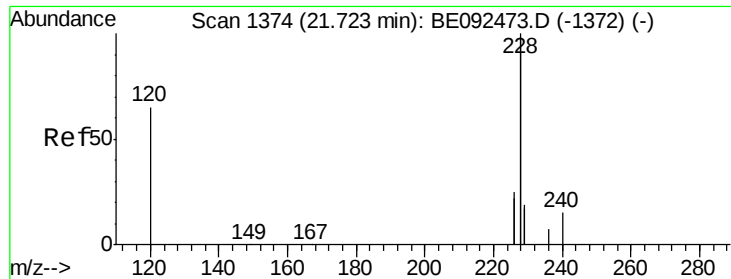


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

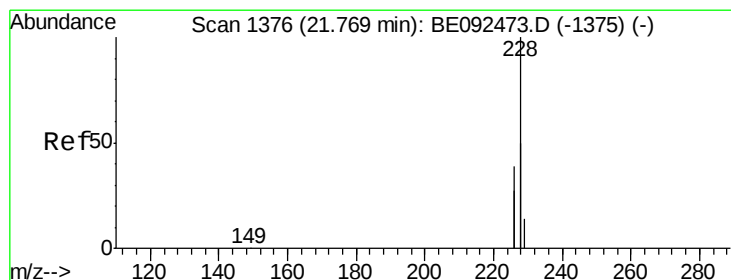
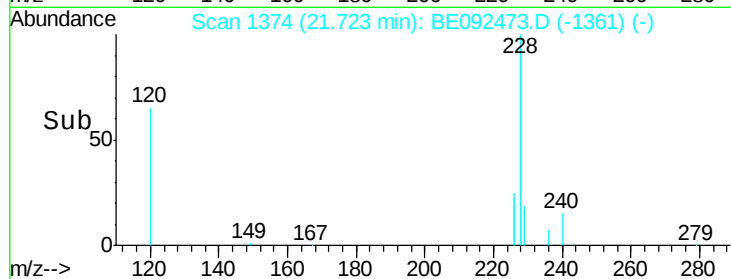
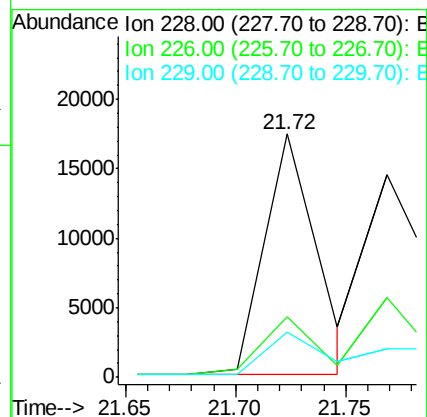
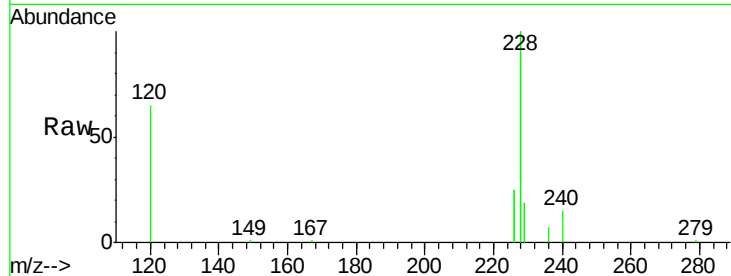




#27
Benzo(a)anthracene
Concen: 0.36 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

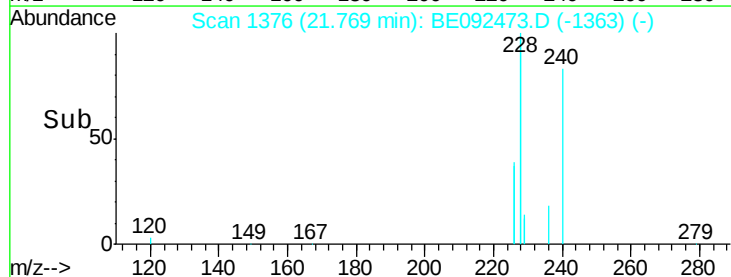
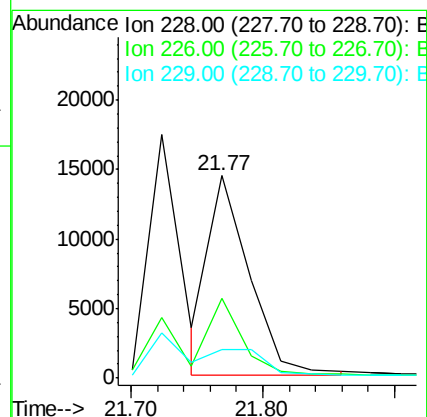
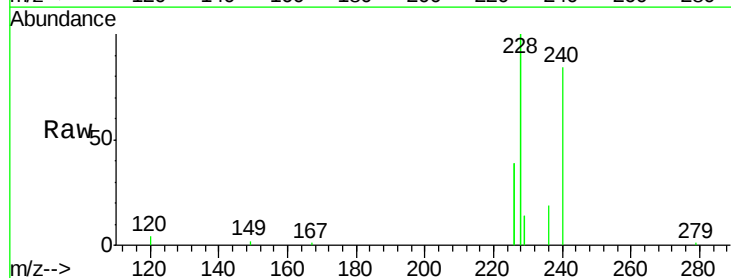
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.4

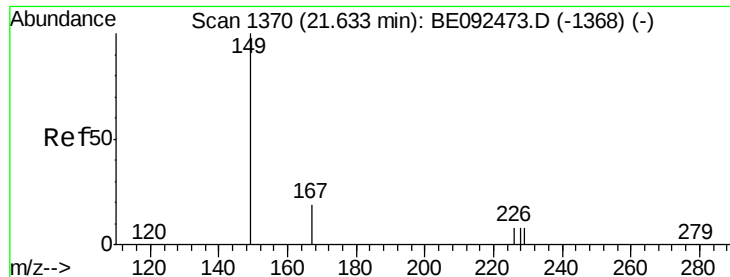
Tot Ion:228 Resp: 28862
Ion Ratio Lower Upper
228 100
226 24.7 23.6 35.4
229 18.7 13.3 19.9



#28
Chrysene
Concen: 0.42 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:228 Resp: 31186
Ion Ratio Lower Upper
228 100
226 39.2 36.3 54.5
229 14.3 10.6 16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

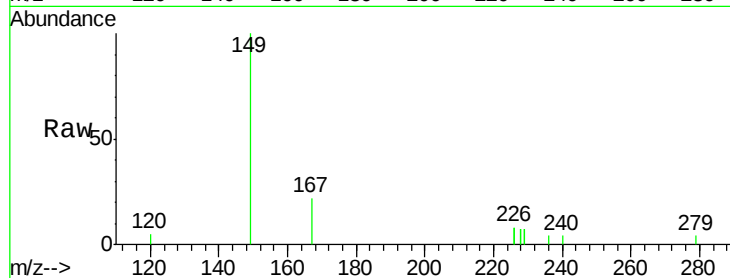
Tot Ion:149 Resp: 1933

Ion Ratio Lower Upper

149 100

167 22.6 16.0 24.0

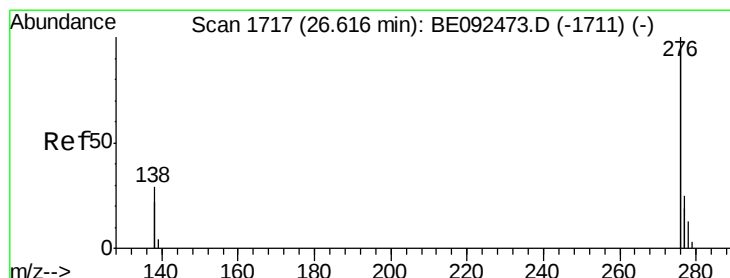
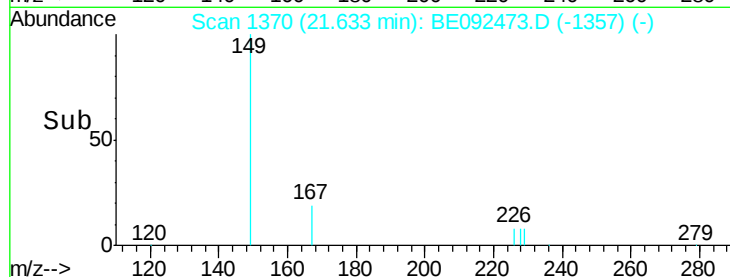
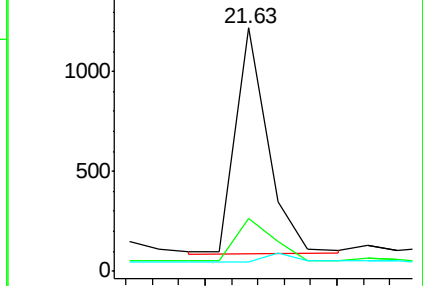
279 0.0 16.0 24.0#



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: 0.33 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

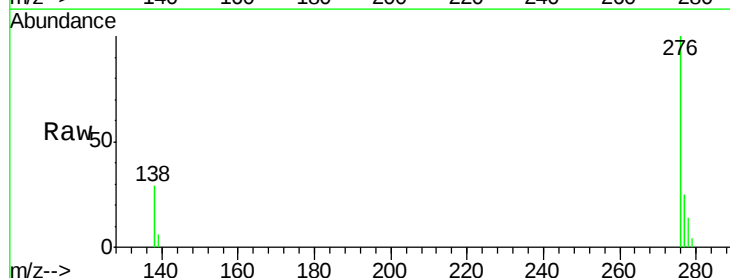
Tgt Ion:276 Resp: 26199

Ion Ratio Lower Upper

276 100

138 27.1 20.3 30.5

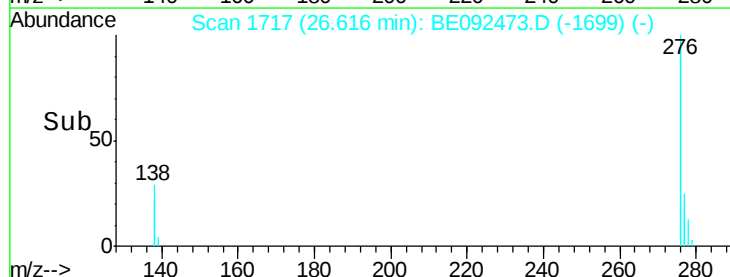
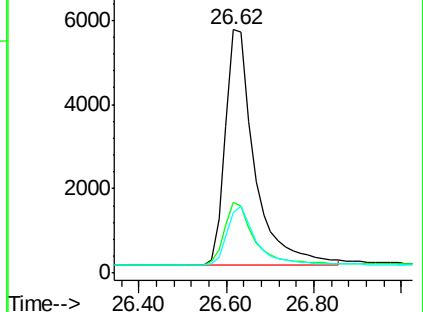
277 24.6 19.7 29.5

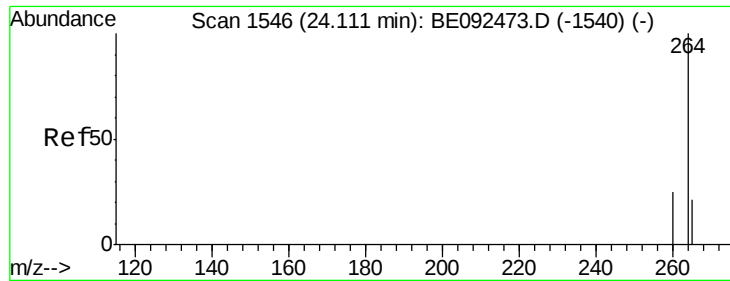


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

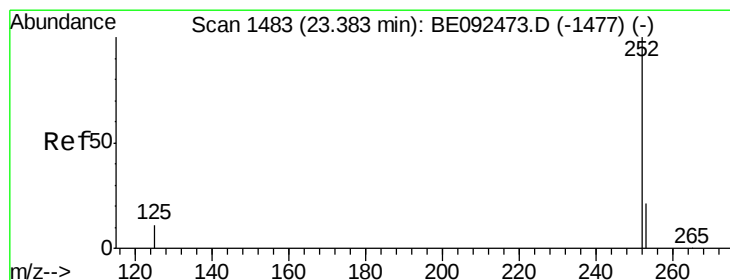
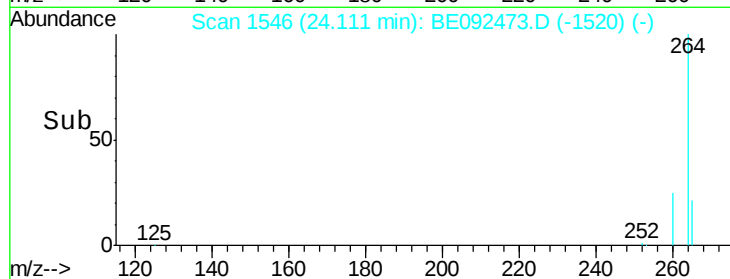
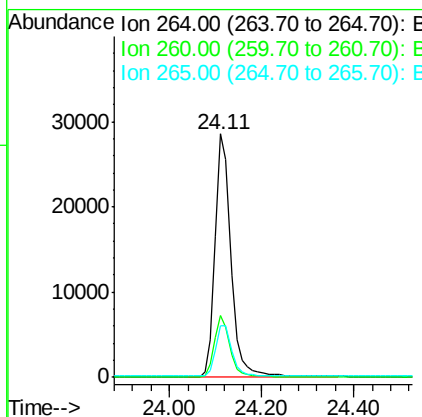
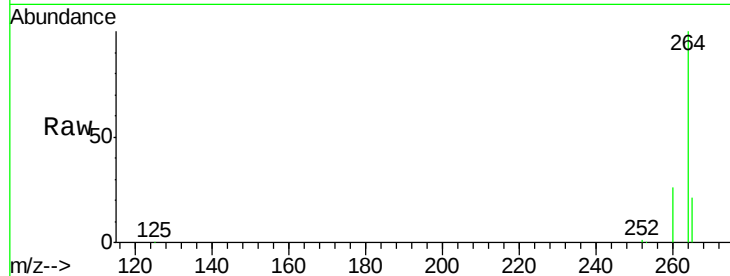




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BE092473.D
 Acq: 25 Oct 2016 10:26

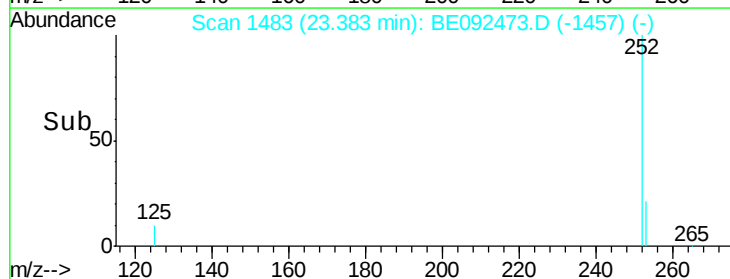
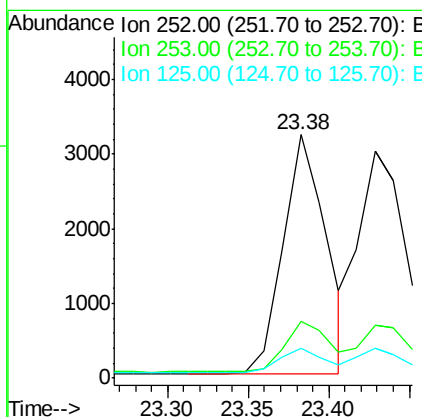
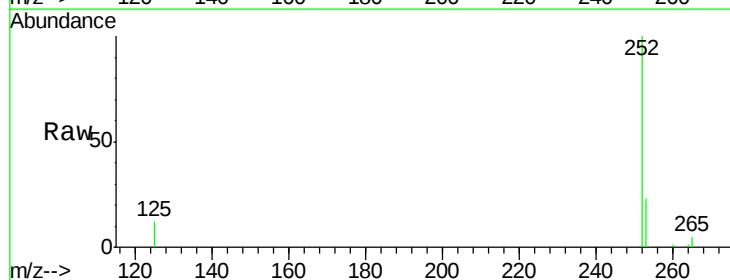
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

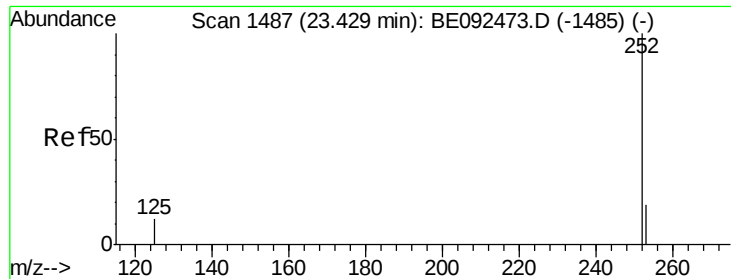
Tot Ion:264 Resp: 68677
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.1 30.1
 265 21.2 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.36 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE092473.D
 Acq: 25 Oct 2016 10:26

Tgt Ion:252 Resp: 5945
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.7 28.1
 125 12.5 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.4

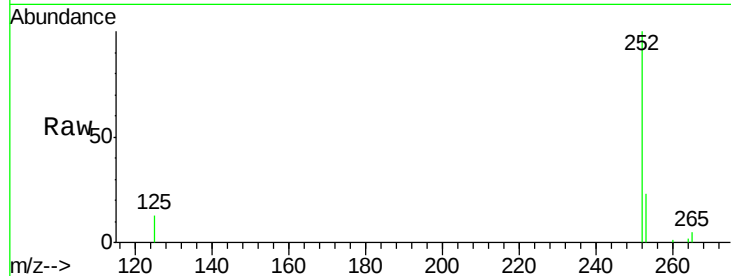
Tot Ion:252 Resp: 7016

Ion Ratio Lower Upper

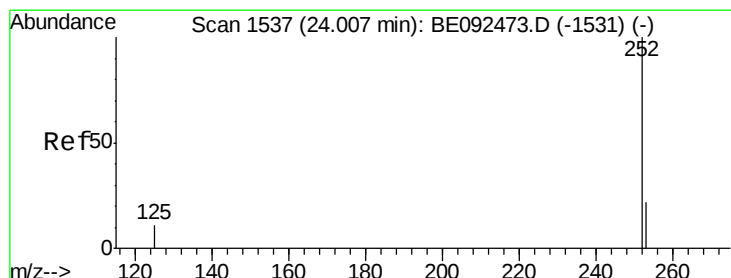
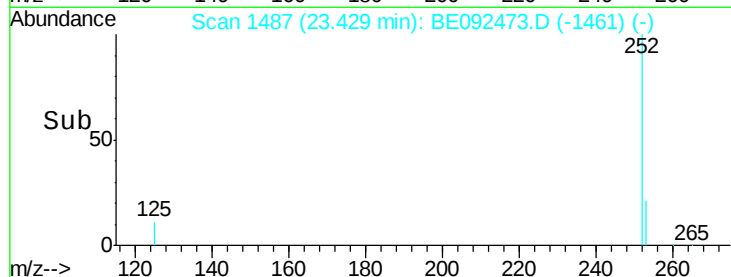
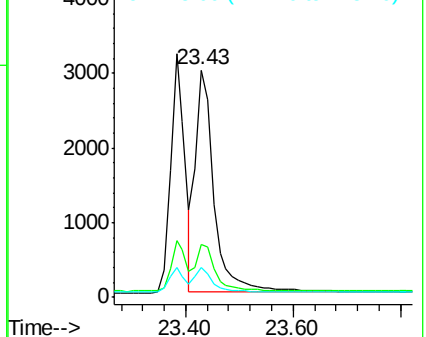
252 100

253 23.1 20.3 30.5

125 13.1 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: 0.34 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092473.D

Acq: 25 Oct 2016 10:26

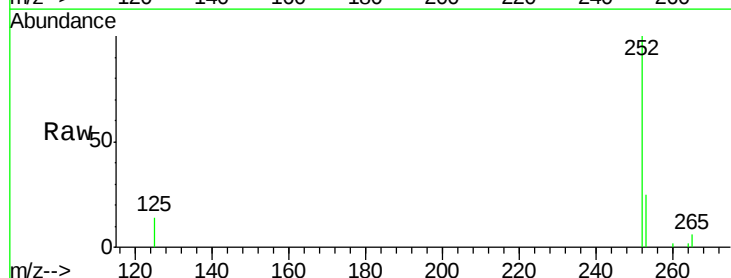
Tgt Ion:252 Resp: 5465

Ion Ratio Lower Upper

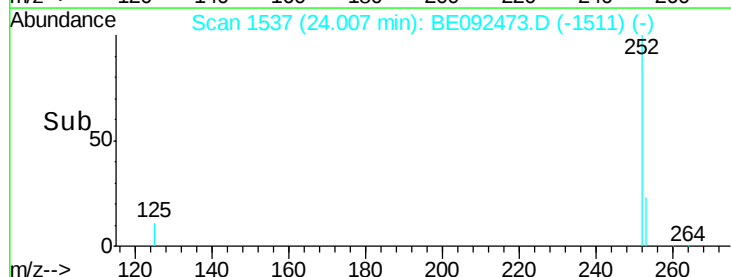
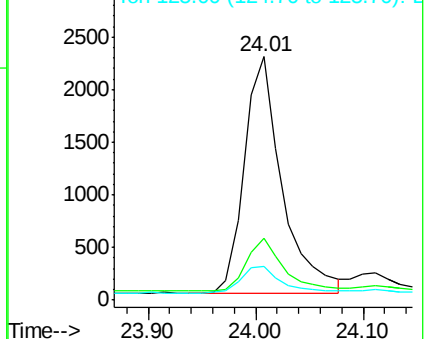
252 100

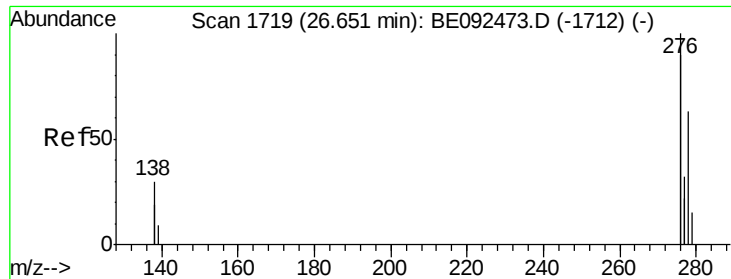
253 25.5 19.0 28.6

125 13.9 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

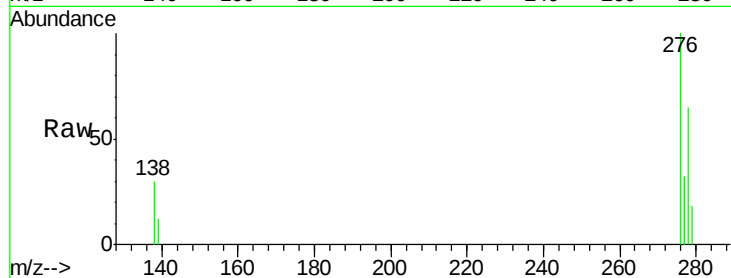




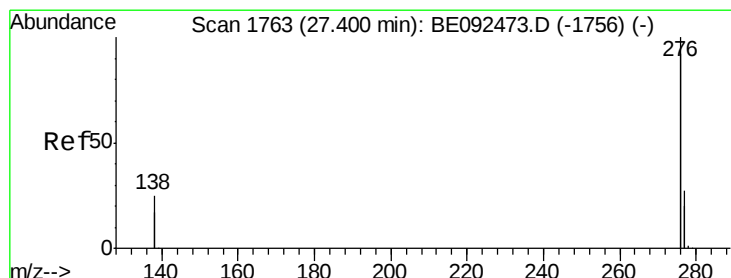
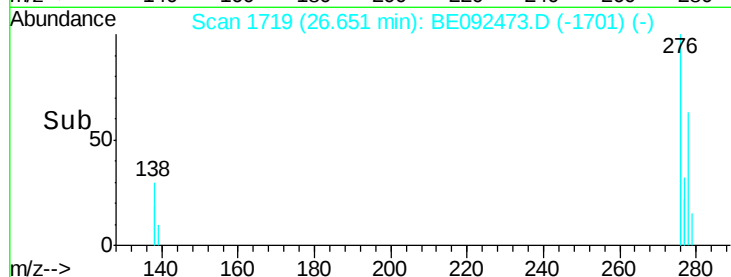
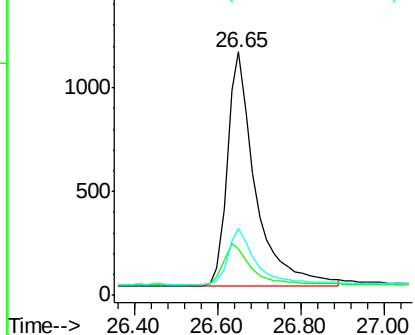
#35
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.4

Tot Ion:278 Resp: 5262
Ion Ratio Lower Upper
278 100
139 19.0 13.8 20.8
279 27.4 21.4 32.2

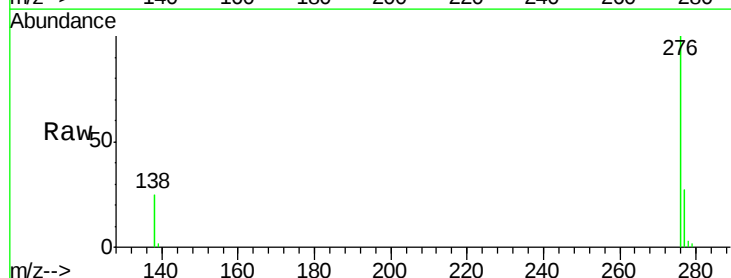


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BE092473.D
Acq: 25 Oct 2016 10:26

Tgt Ion:276 Resp: 23693
Ion Ratio Lower Upper
276 100
277 27.0 19.8 29.8
138 25.1 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

