

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
 Data File : BE092531.D
 Acq On : 16 Nov 2016 12:17
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Nov 16 13:48:15 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 13:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7022	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	34333	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23900	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55615	5.00	ng	0.00
24) Chrysene-d12	21.72	240	74705	5.00	ng	0.00
31) Perylene-d12	24.09	264	67403	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	974	0.63	ng	0.00
5) Phenol-d6	7.34	99	1240	0.60	ng	-0.02
8) Nitrobenzene-d5	9.34	82	1533	0.68	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	404	0.60	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	4623	0.78	ng	-0.01
26) Terphenyl-d14	20.17	244	6628	0.73	ng	0.00

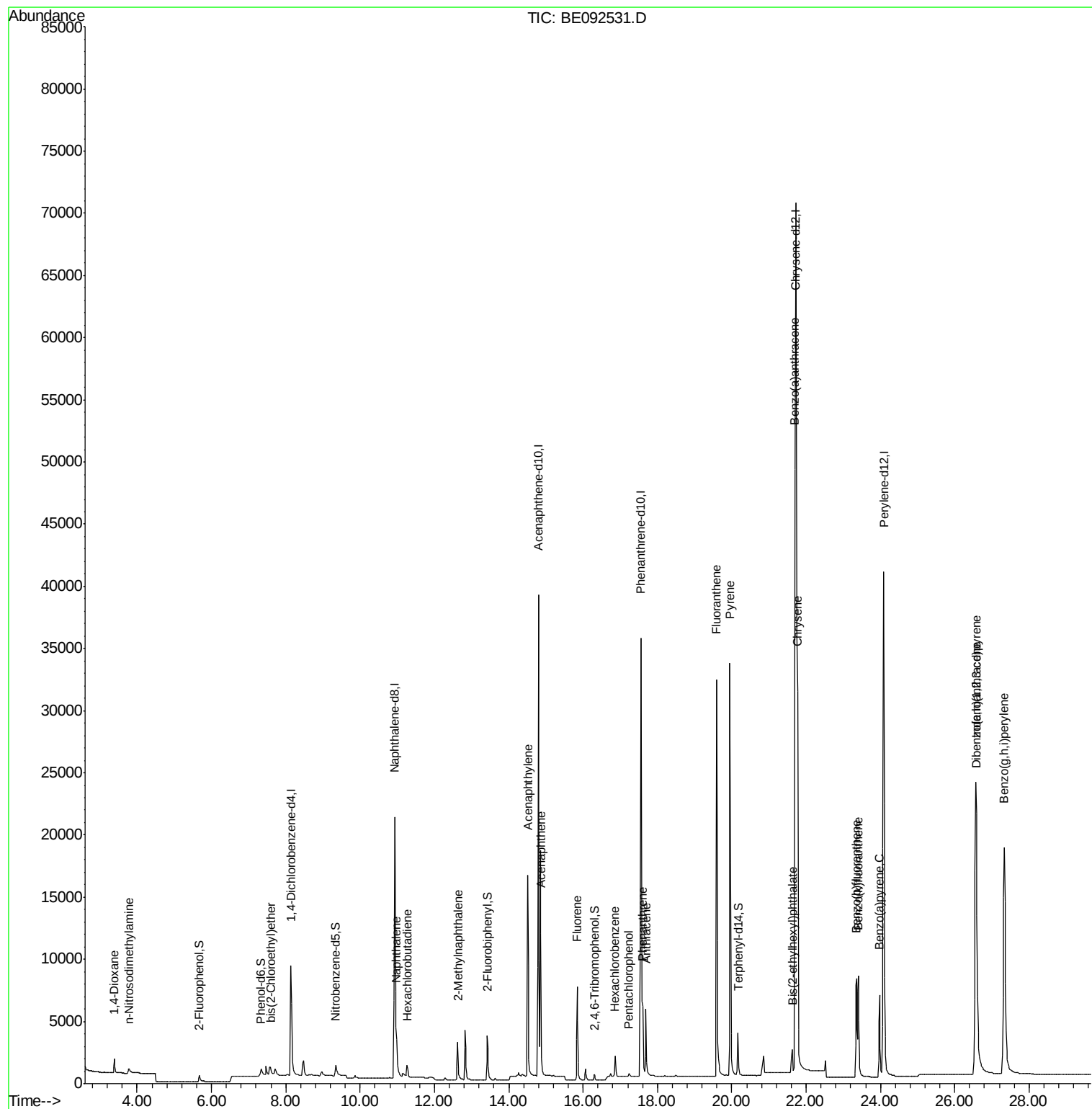
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	772	0.71	ng	99
3) n-Nitrosodimethylamine	3.77	42	726	0.57	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	1372	0.61	ng	# 28
9) Naphthalene	10.97	128	5576	0.75	ng	95
10) Hexachlorobutadiene	11.26	225	856	0.76	ng	99
11) 2-Methylnaphthalene	12.62	142	3543	0.73	ng	90
15) Acenaphthylene	14.51	152	25581	0.75	ng	99
16) Acenaphthene	14.87	154	4146	0.75	ng	92
17) Fluorene	15.85	166	5388	0.77	ng	99
19) Hexachlorobenzene	16.86	284	1588m	0.76	ng	
20) Pentachlorophenol	17.23	266	297	0.49	ng	97
21) Phenanthrene	17.60	178	9465	0.79	ng	# 74
22) Anthracene	17.69	178	8697	0.75	ng	99
23) Fluoranthene	19.59	202	45282	0.75	ng	100
25) Pyrene	19.95	202	47870	0.78	ng	100
27) Benzo(a)anthracene	21.70	228	52551m	0.69	ng	
28) Chrysene	21.77	228	53820m	0.66	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	3157	0.40	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.57	276	56088	0.68	ng	98
32) Benzo(b)fluoranthene	23.36	252	13257m	0.52	ng	
33) Benzo(k)fluoranthene	23.41	252	12518	0.47	ng	97
34) Benzo(a)pyrene	23.97	252	11414	0.66	ng	97
35) Dibenzo(a,h)anthracene	26.58	278	11444	0.70	ng	95
36) Benzo(g,h,i)perylene	27.33	276	49250	0.73	ng	99

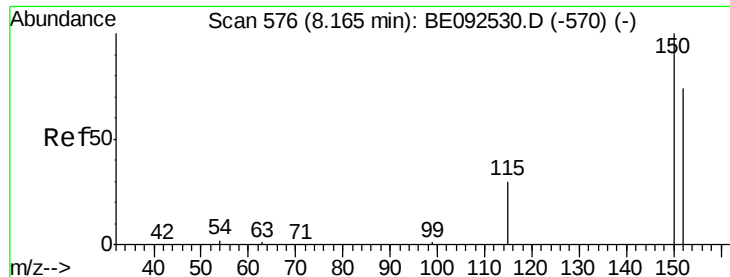
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

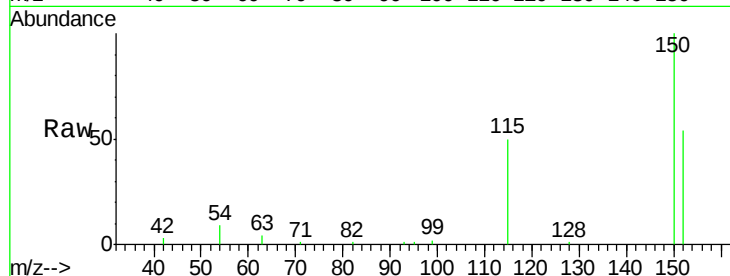
Tot Ion:152 Resp: 7022

Ion Ratio Lower Upper

152 100

150 185.3 106.0 159.0#

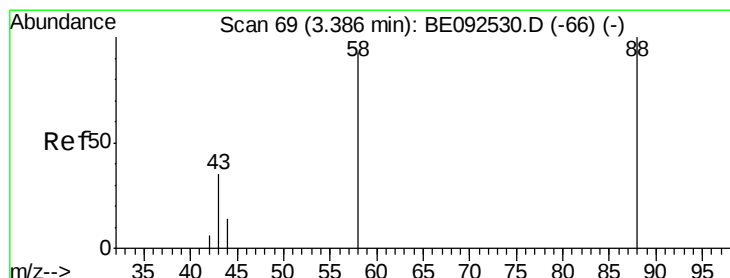
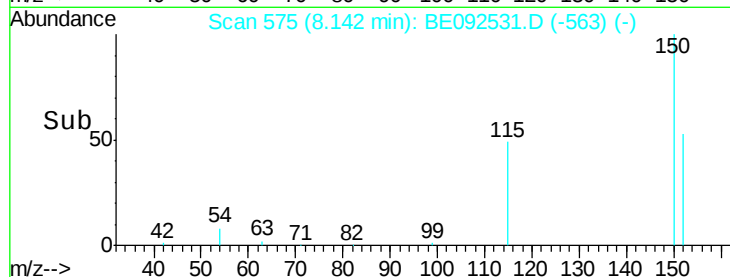
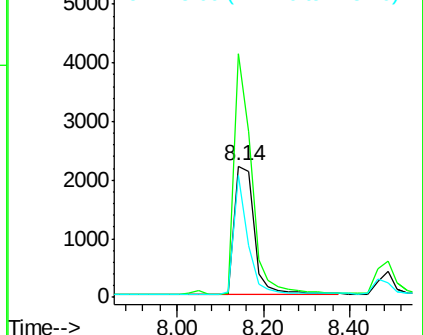
115 93.0 31.2 46.8#



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: 0.71 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

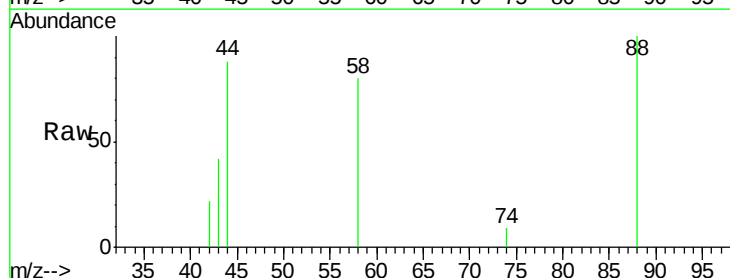
Tgt Ion: 88 Resp: 772

Ion Ratio Lower Upper

88 100

58 79.5 63.6 95.4

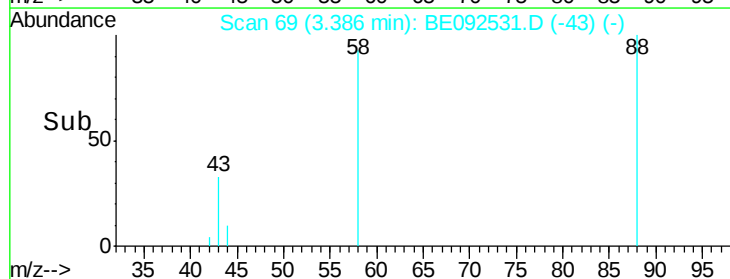
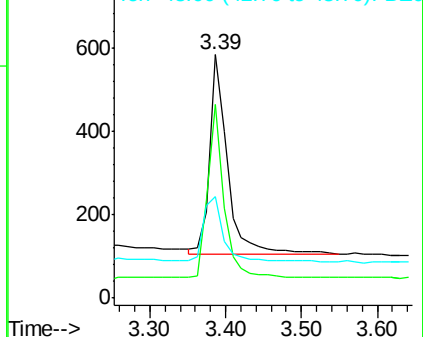
43 37.3 28.0 42.0

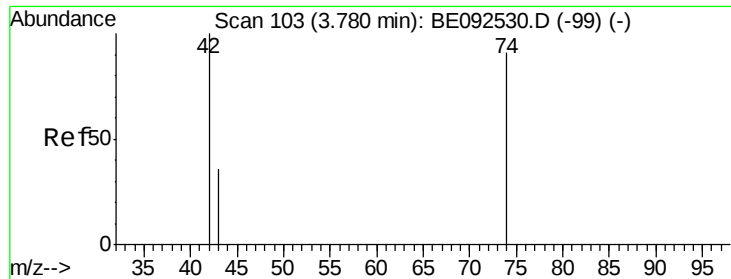


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



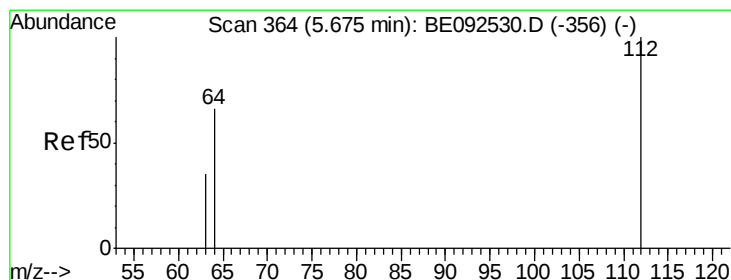
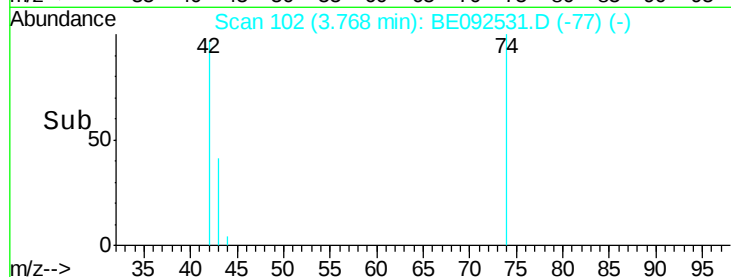
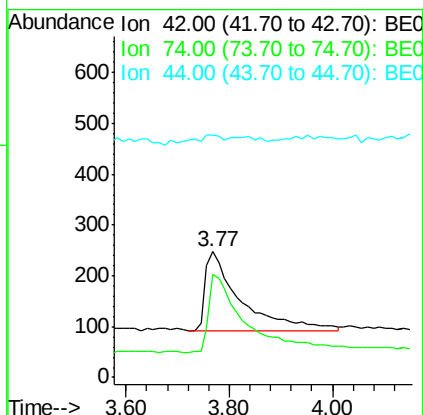
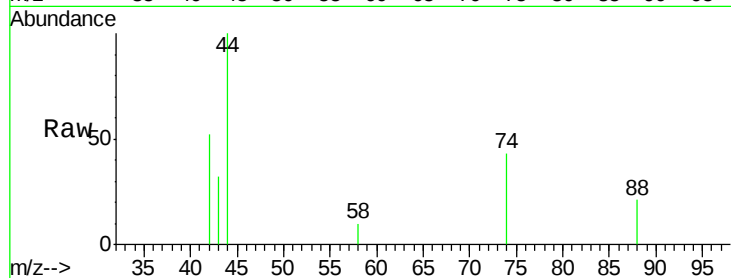


#3

n-Nitrosodimethylamine
Concen: 0.57 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.01 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

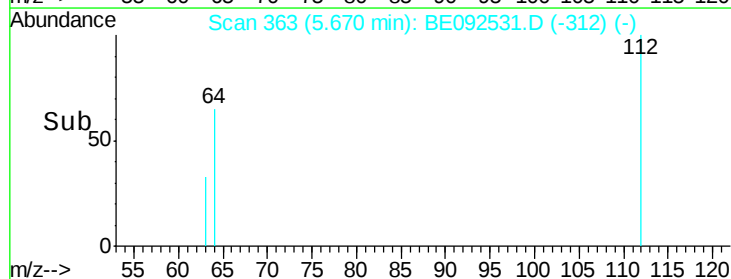
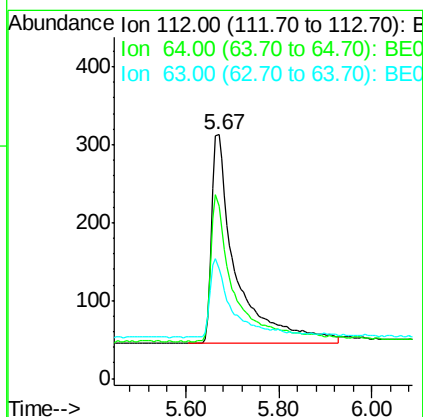
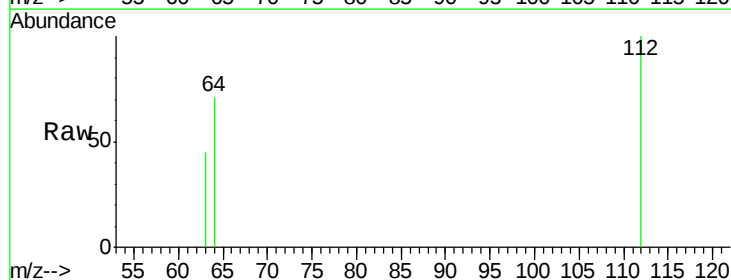
Tot Ion: 42 Resp: 726
Ion Ratio Lower Upper
42 100
74 104.3 86.0 129.0
44 10.6 5.1 7.7#

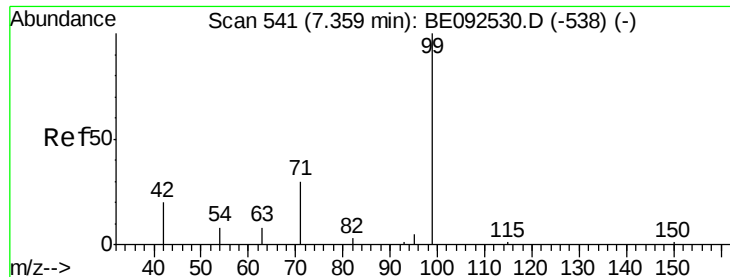


#4

2-Fluorophenol
Concen: 0.63 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion: 112 Resp: 974
Ion Ratio Lower Upper
112 100
64 67.1 53.5 80.3
63 35.9 27.9 41.9





#5

Phenol-d6

Concen: 0.60 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

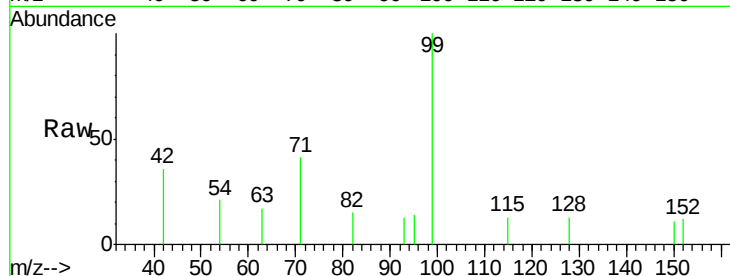
Tot Ion: 99 Resp: 1240

Ion Ratio Lower Upper

99 100

42 31.2 16.0 24.0#

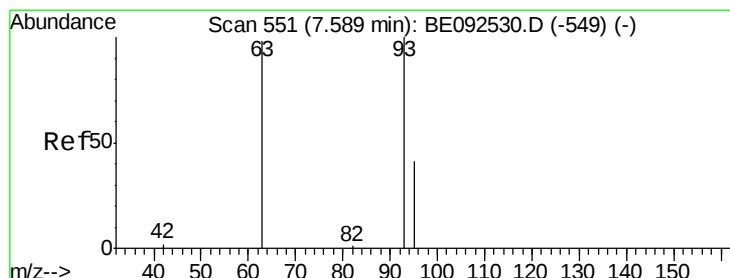
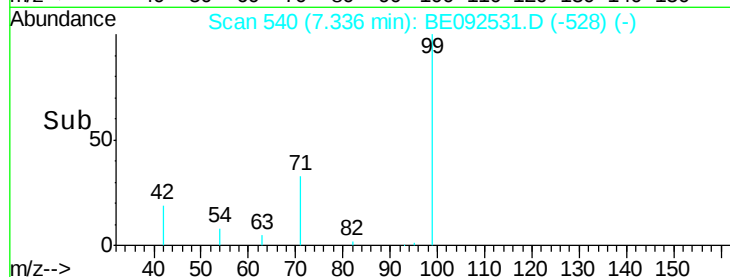
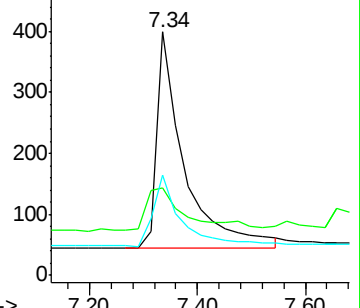
71 34.0 30.6 45.8



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: 0.61 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

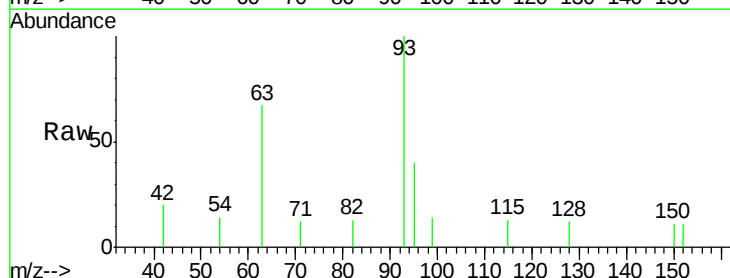
Tgt Ion: 93 Resp: 1372

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

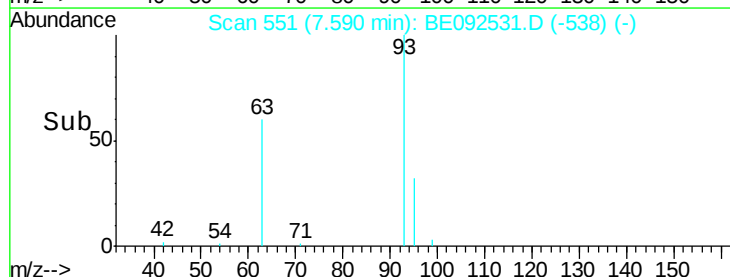
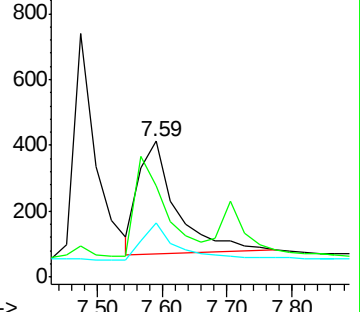
95 30.8 24.0 36.0

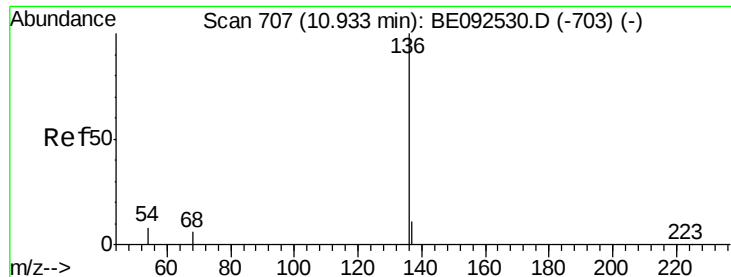


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 34333

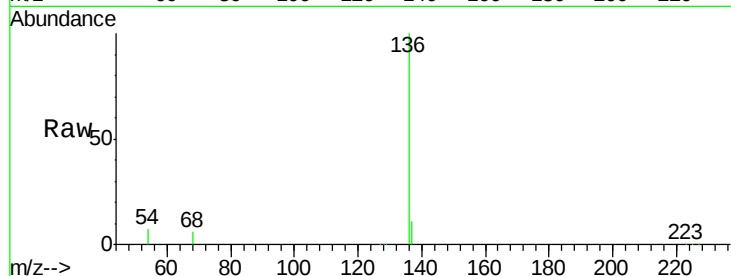
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.4 9.6 14.4#

68 5.5 6.7 10.1#

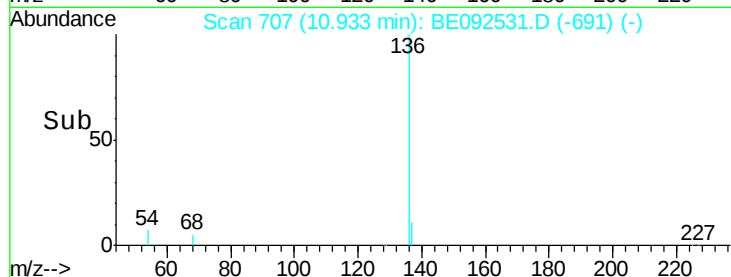


Abundance Ion 136.00 (135.70 to 136.70): E

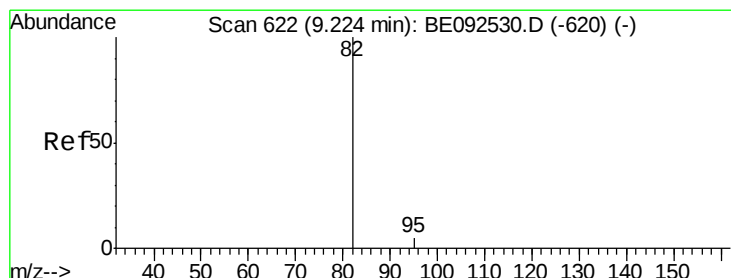
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.68 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

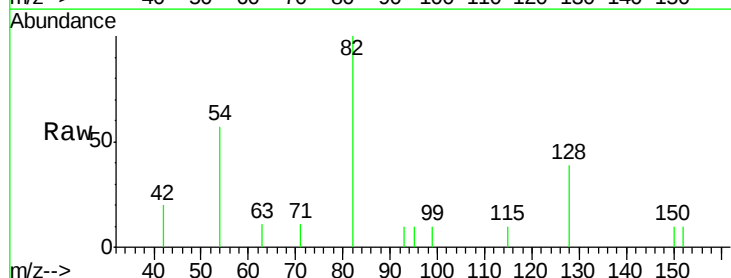
Tgt Ion: 82 Resp: 1533

Ion Ratio Lower Upper

82 100

128 39.0 39.0 58.4

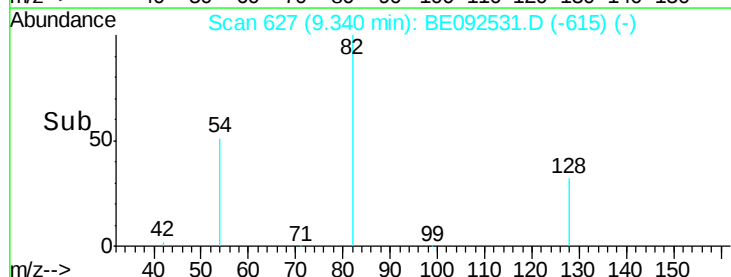
54 56.6 44.8 67.2



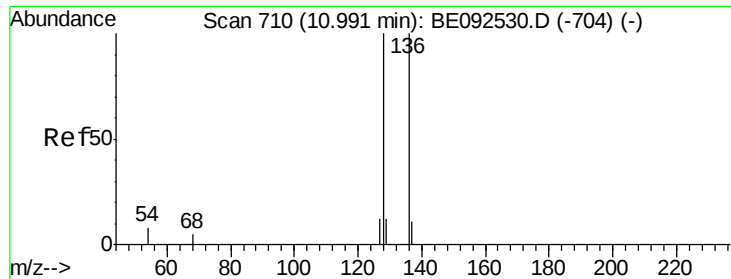
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.75 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

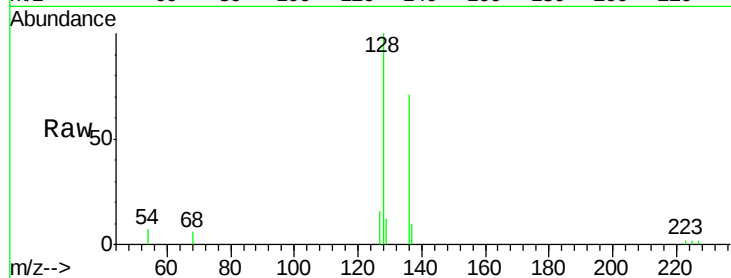
Tot Ion:128 Resp: 5576

Ion Ratio Lower Upper

128 100

129 12.1 11.2 16.8

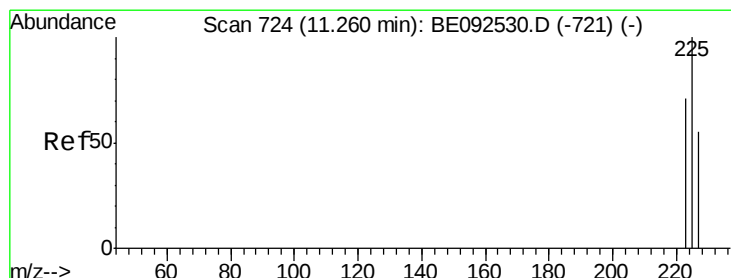
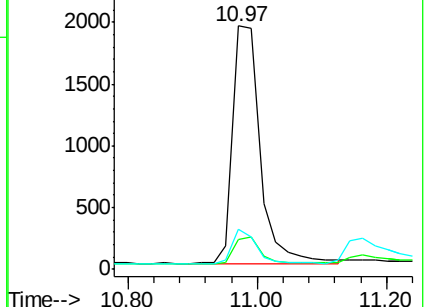
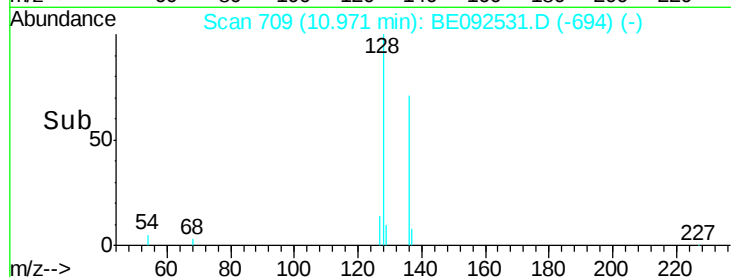
127 16.3 11.6 17.4



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: 0.76 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

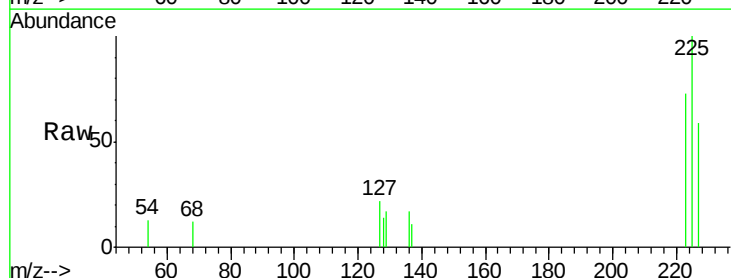
Tgt Ion:225 Resp: 856

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

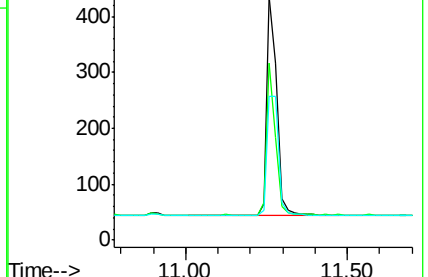
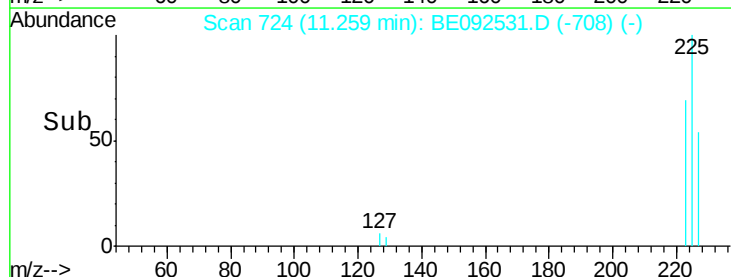
227 63.7 51.4 77.0

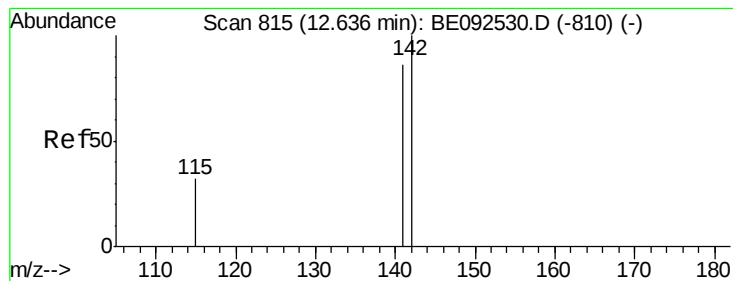


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.73 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

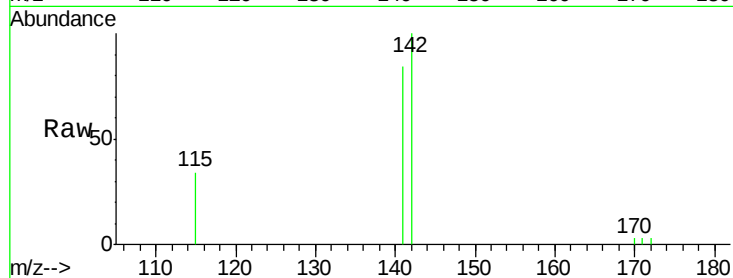
Tot Ion:142 Resp: 3543

Ion Ratio Lower Upper

142 100

141 84.0 73.7 110.5

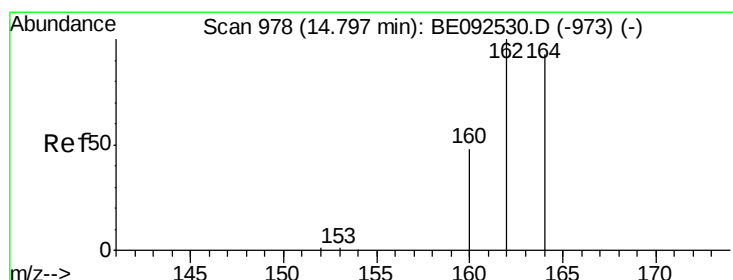
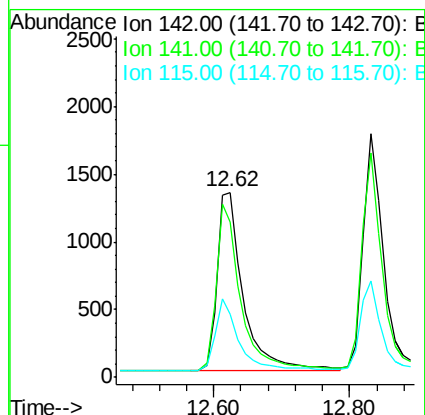
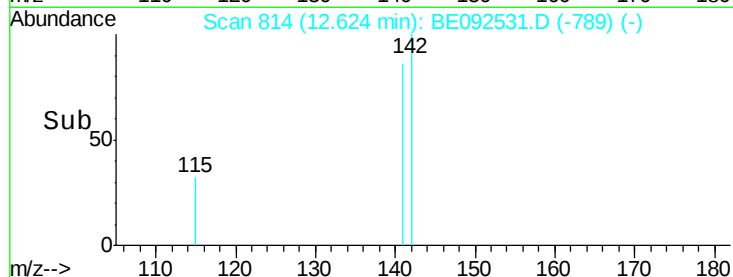
115 34.1 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

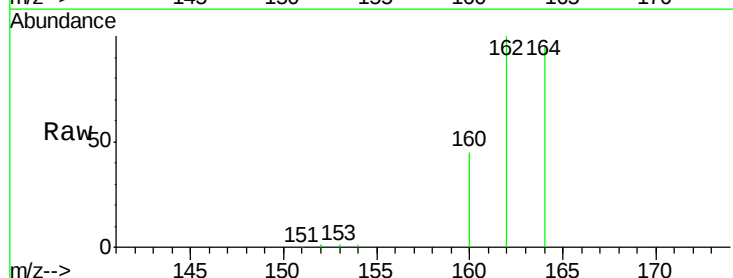
Tgt Ion:164 Resp: 23900

Ion Ratio Lower Upper

164 100

162 104.5 71.4 107.0

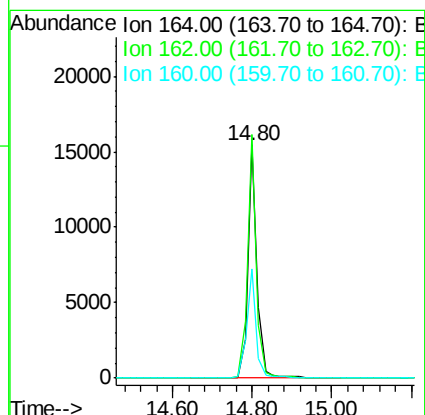
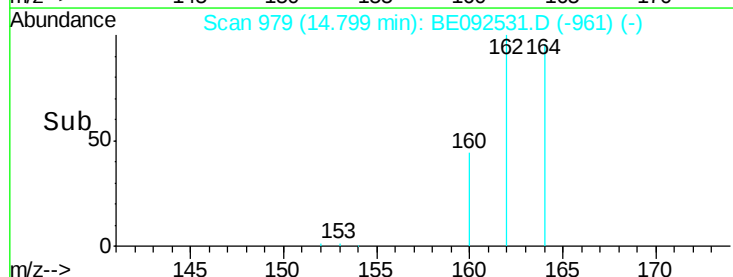
160 46.6 27.4 41.2#

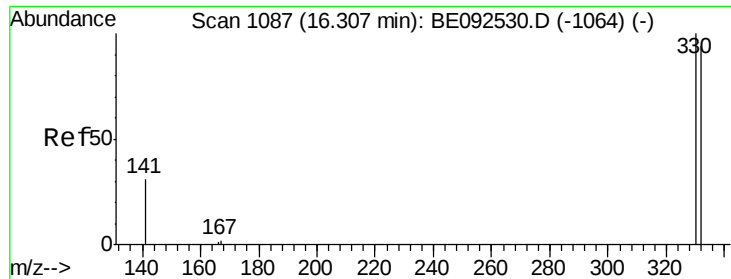


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

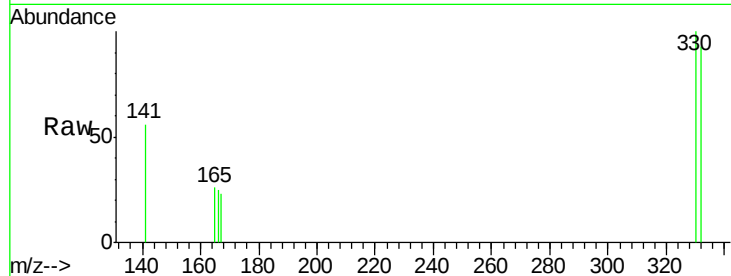




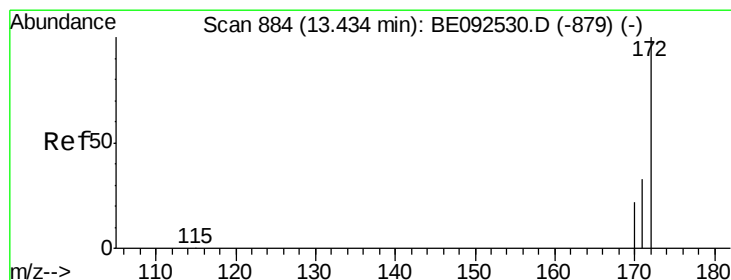
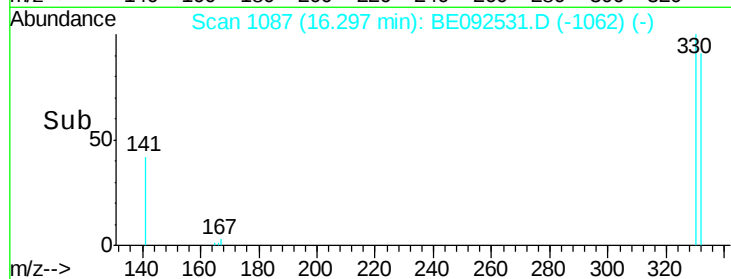
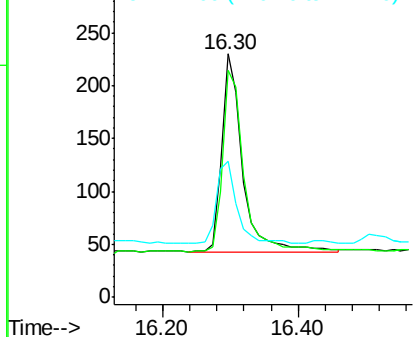
#13
 2,4,6-Tribromophenol
 Concen: 0.60 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092531.D
 Acq: 16 Nov 2016 12:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:330 Resp: 404
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.4 113.0
 141 40.3 31.0 46.6

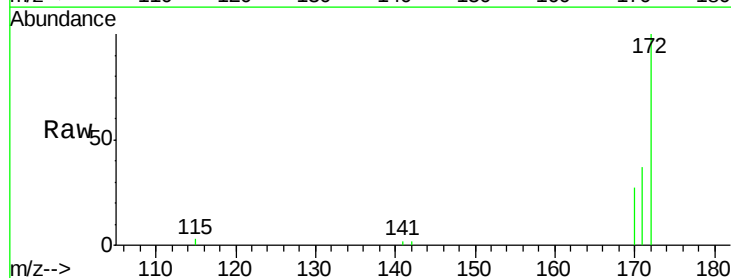


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

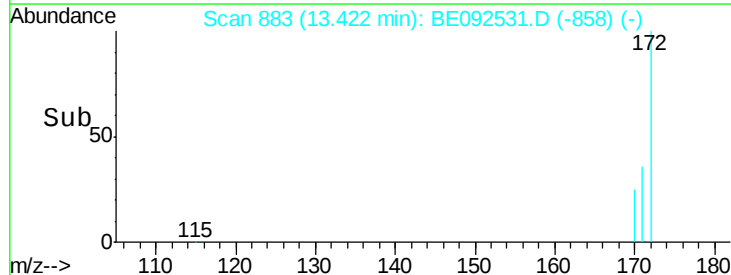
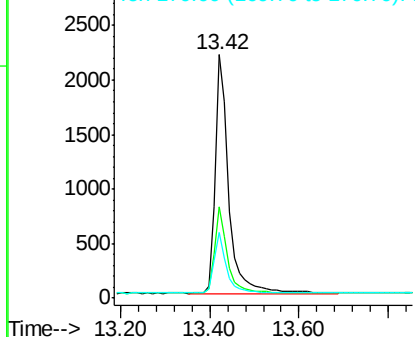


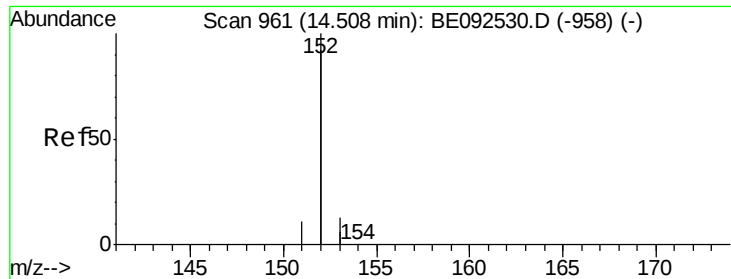
#14
 2-Fluorobiphenyl
 Concen: 0.78 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092531.D
 Acq: 16 Nov 2016 12:17

Tgt Ion:172 Resp: 4623
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.1 45.1
 170 26.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.75 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

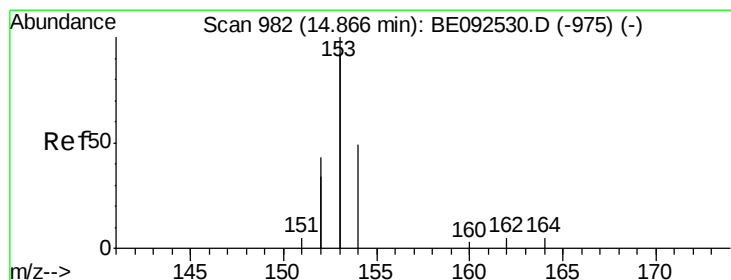
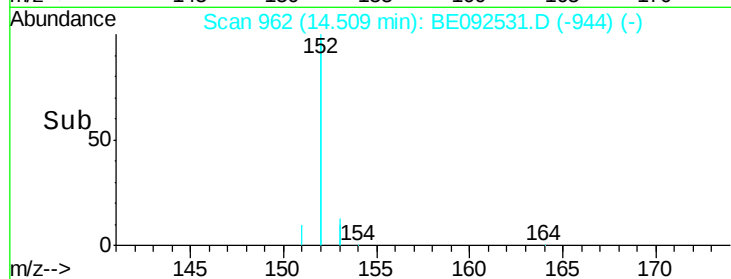
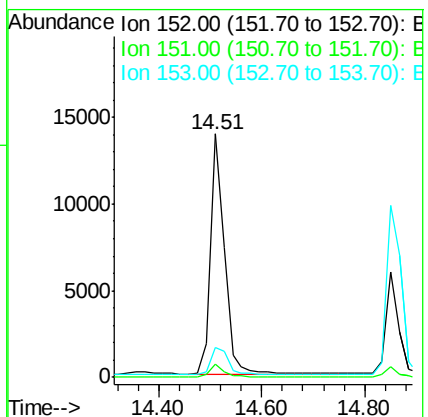
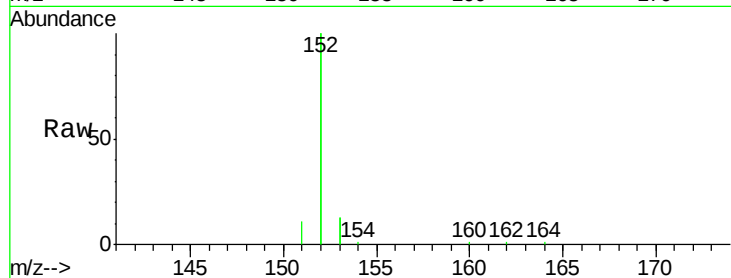
Tot Ion:152 Resp: 25581

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.3 10.4 15.6



#16

Acenaphthene

Concen: 0.75 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

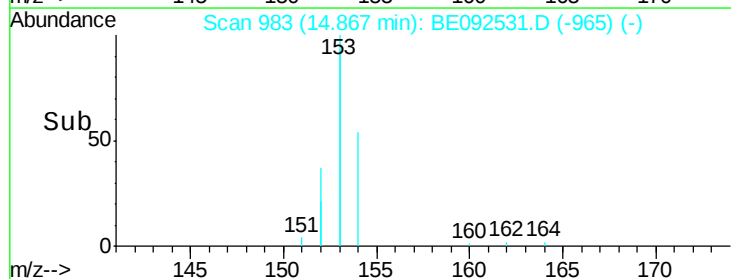
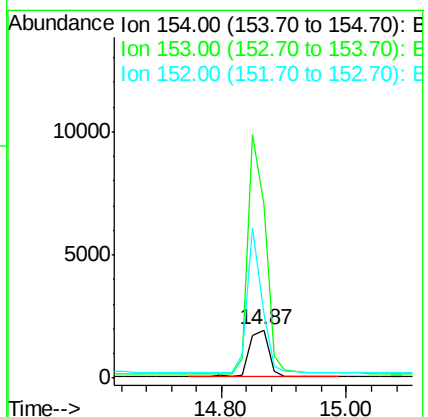
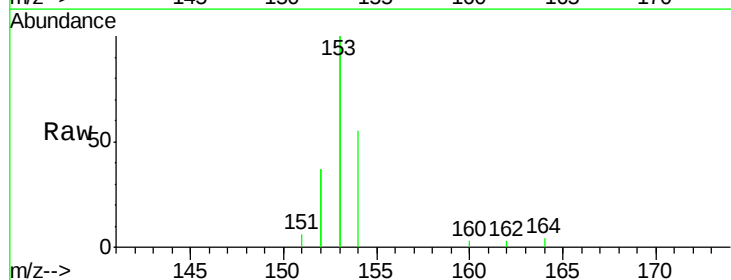
Tgt Ion:154 Resp: 4146

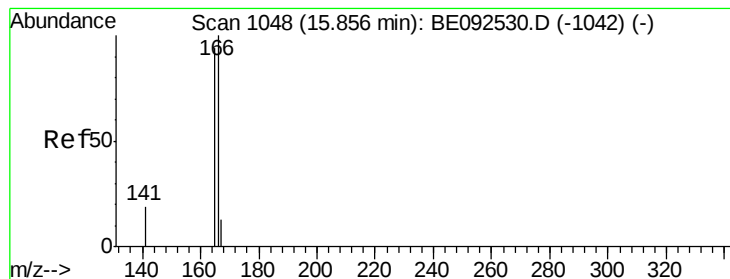
Ion Ratio Lower Upper

154 100

153 451.4 350.8 526.2

152 235.8 171.1 256.7





#17

Fluorene

Concen: 0.77 ng

RT: 15.85 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

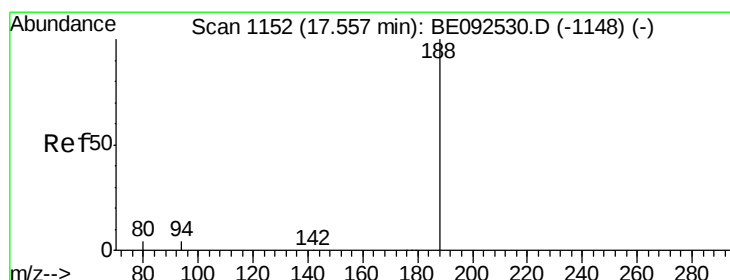
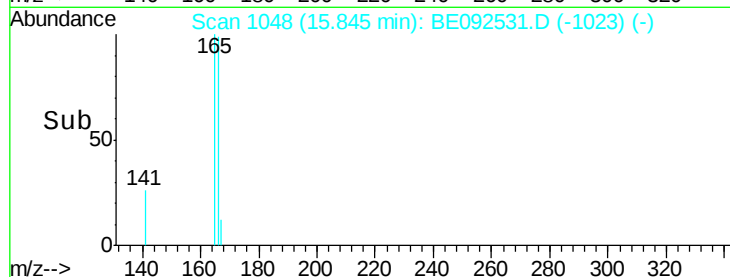
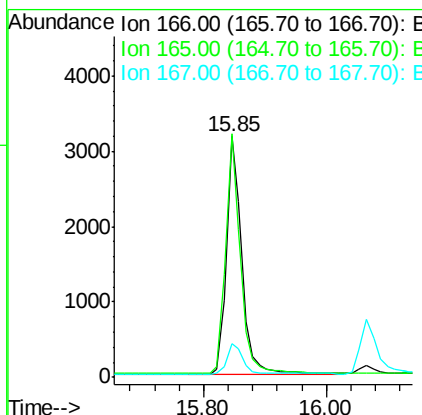
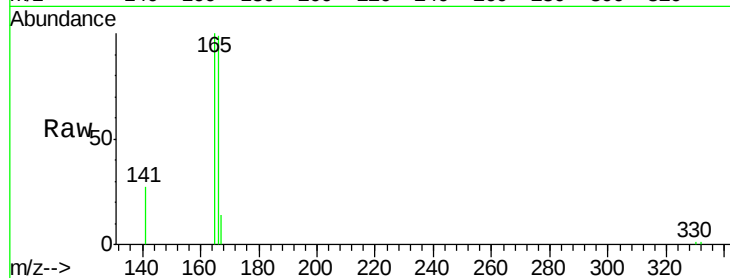
Tot Ion:166 Resp: 5388

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.4

167 13.3 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

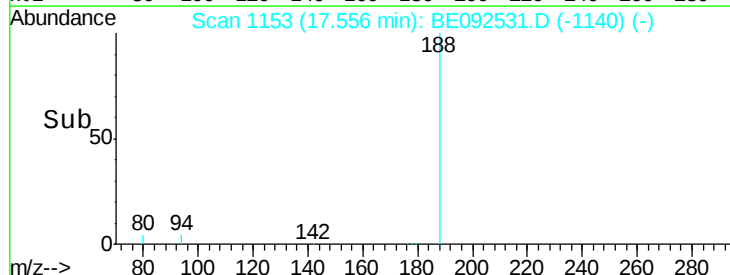
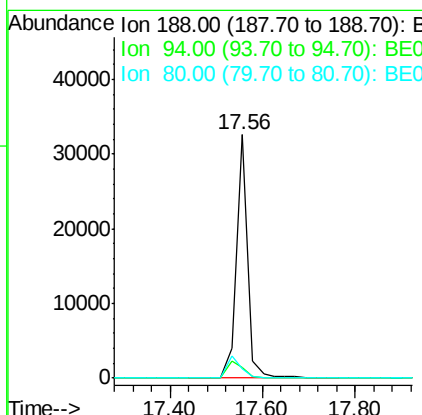
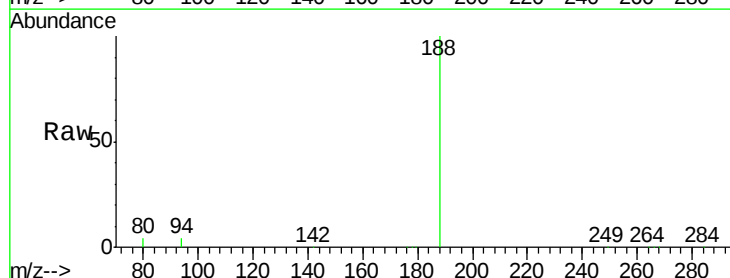
Tgt Ion:188 Resp: 55615

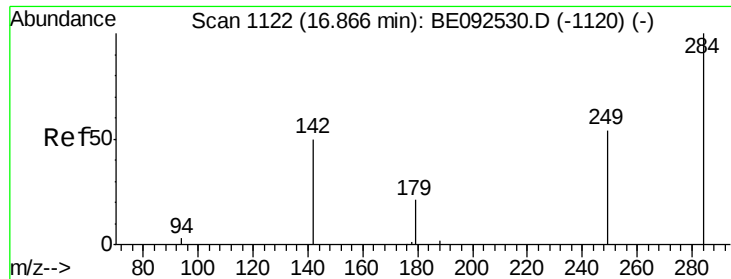
Ion Ratio Lower Upper

188 100

94 4.4 3.2 4.8

80 3.9 2.6 3.8#

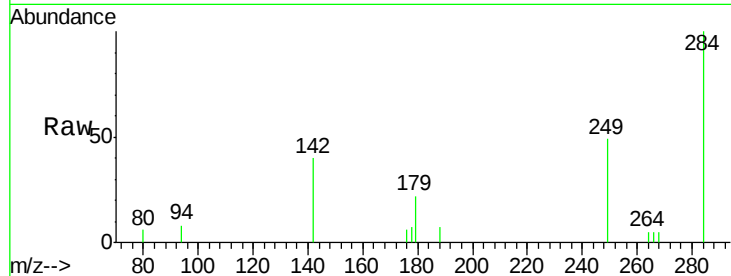




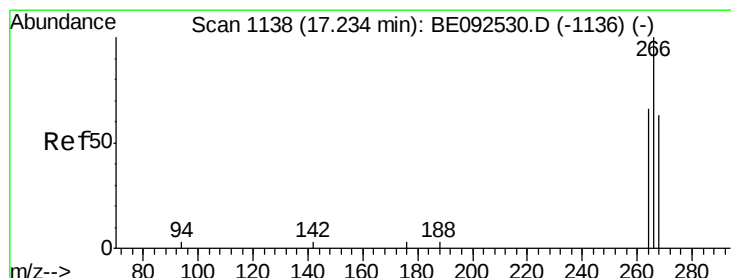
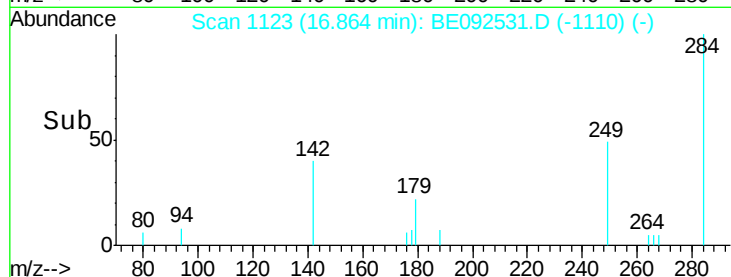
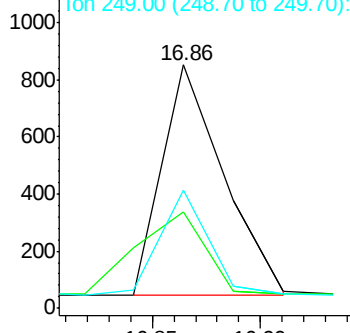
#19
 Hexachlorobenzene
 Concen: 0.76 ng m
 RT: 16.86 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BE092531.D
 Acq: 16 Nov 2016 12:17

Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.8

Tot Ion:284 Resp: 1588
 Ion Ratio Lower Upper
 284 100
 142 45.4 29.1 43.7#
 249 46.4 27.9 41.9#

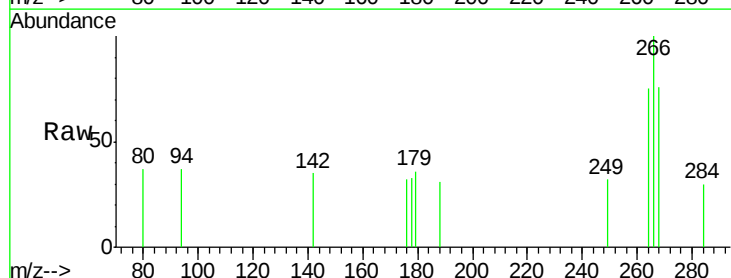


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

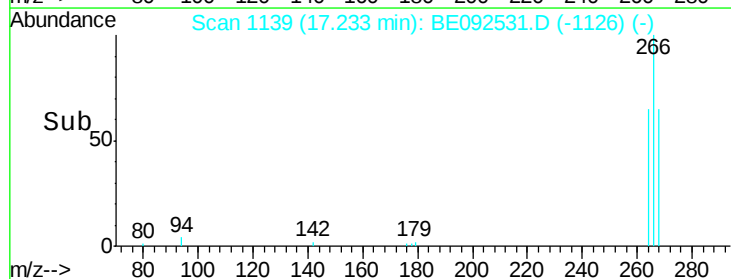
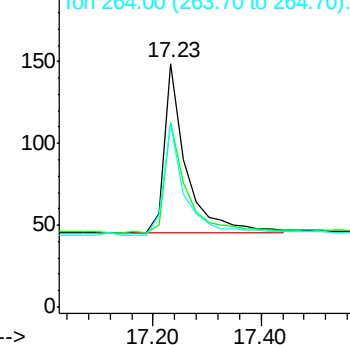


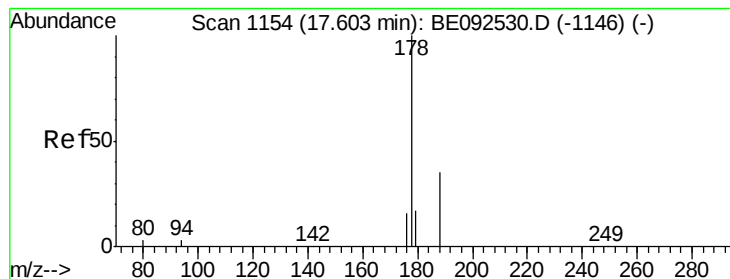
#20
 Pentachlorophenol
 Concen: 0.49 ng
 RT: 17.23 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BE092531.D
 Acq: 16 Nov 2016 12:17

Tgt Ion:266 Resp: 297
 Ion Ratio Lower Upper
 266 100
 268 75.8 62.5 93.7
 264 75.2 57.2 85.8



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





#21

Phenanthrene

Concen: 0.79 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

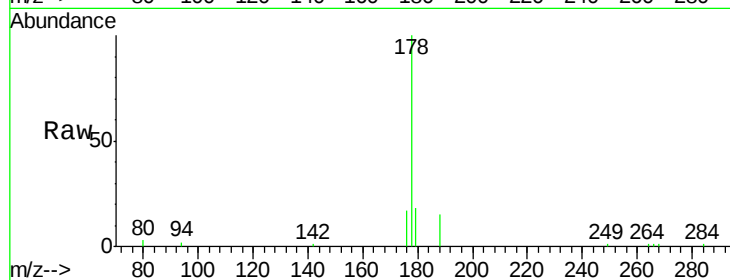
Tot Ion:178 Resp: 9465

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

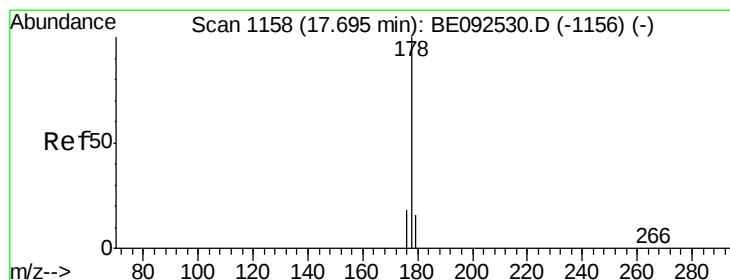
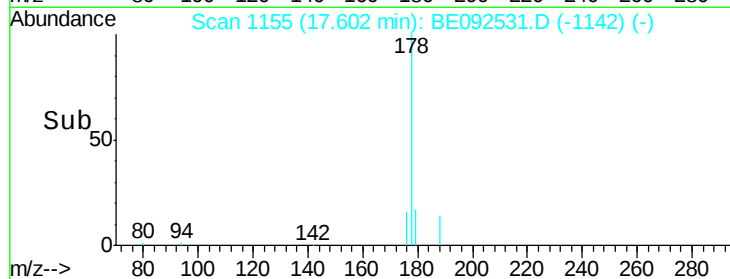
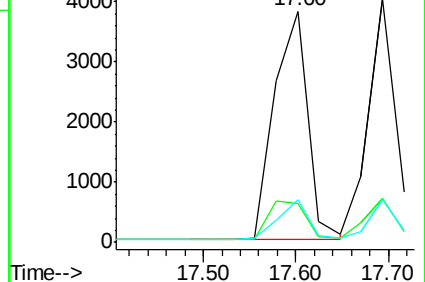
179 15.6 16.0 24.0#



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: 0.75 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

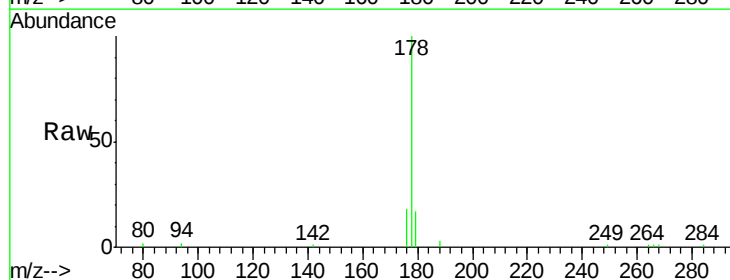
Tgt Ion:178 Resp: 8697

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

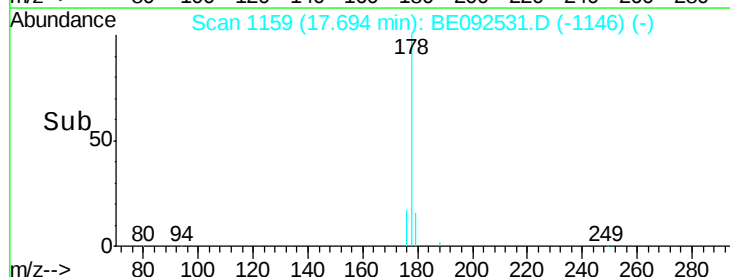
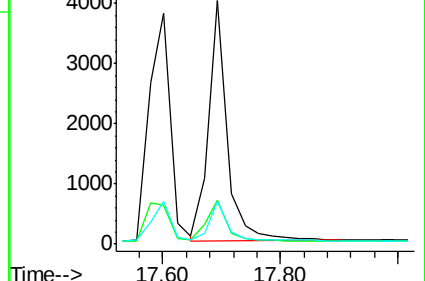
179 16.0 12.2 18.2

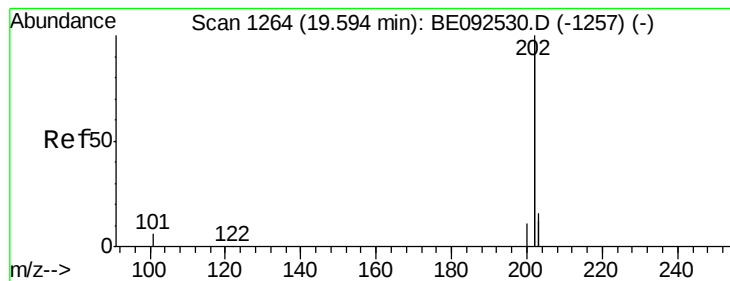


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.75 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

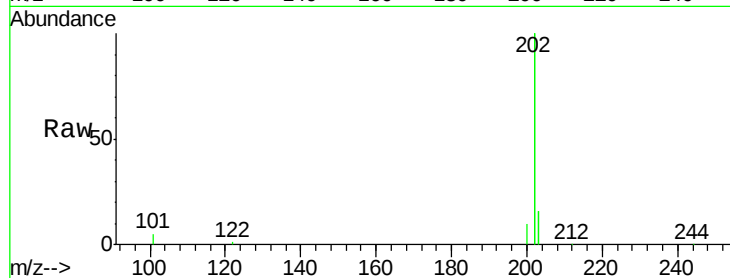
Tot Ion:202 Resp: 45282

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

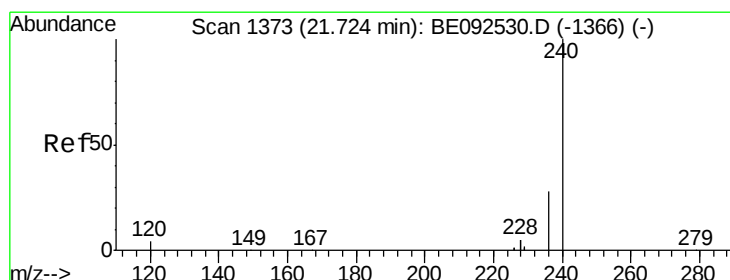
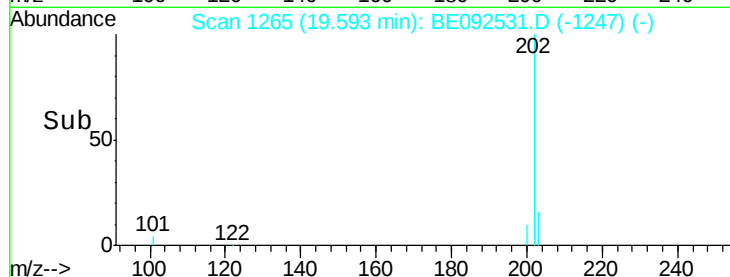
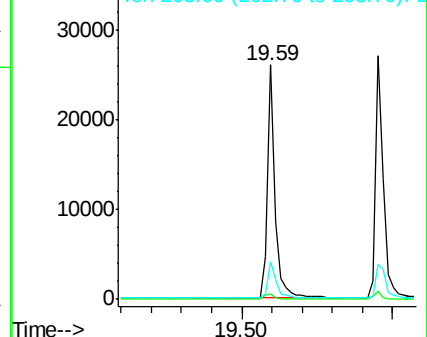
203 17.0 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

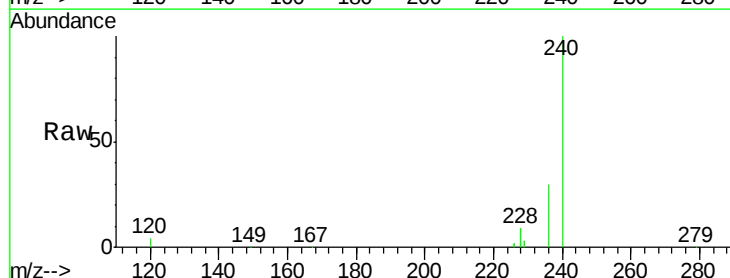
Tgt Ion:240 Resp: 74705

Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

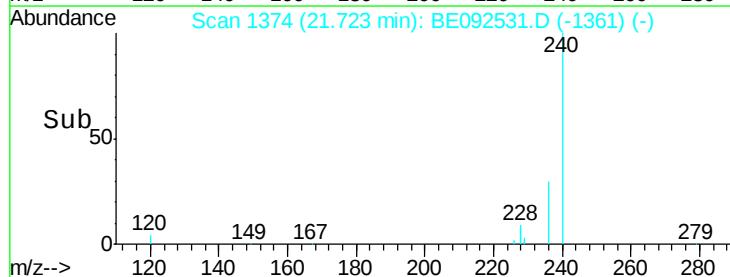
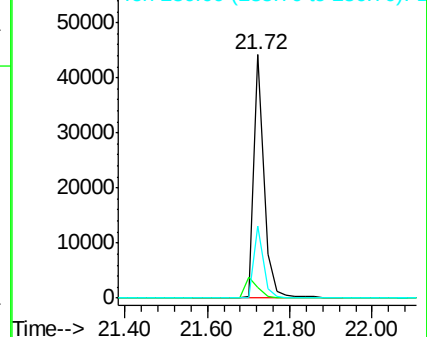
236 29.7 24.6 37.0

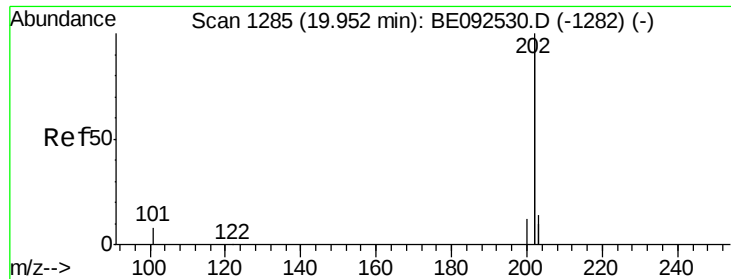


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

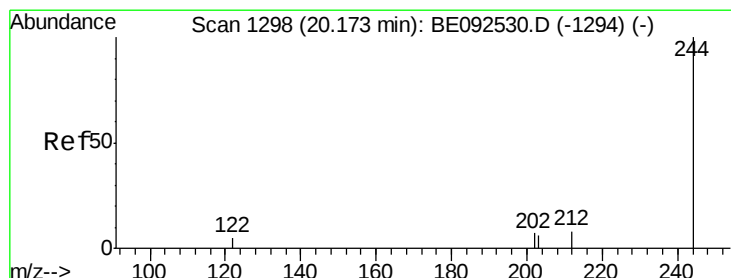
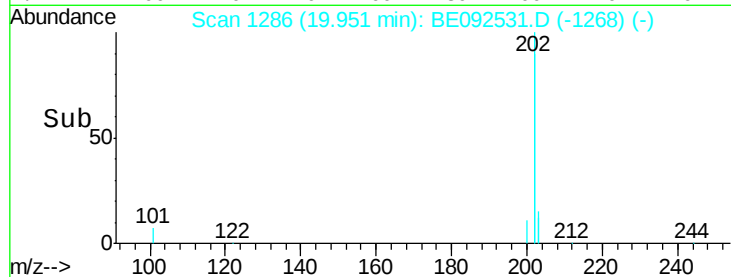
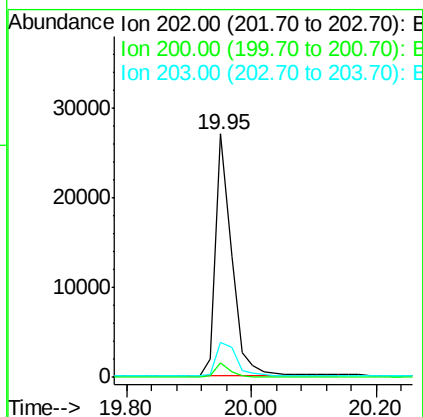
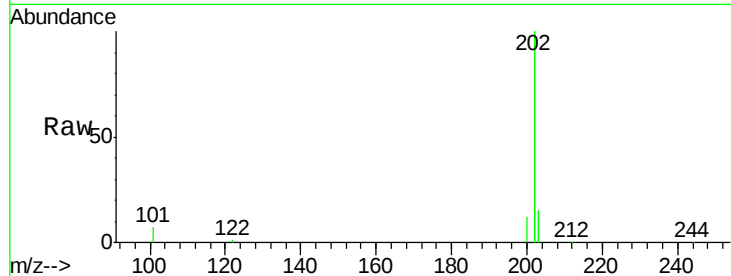




#25
Pvrene
Concen: 0.78 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

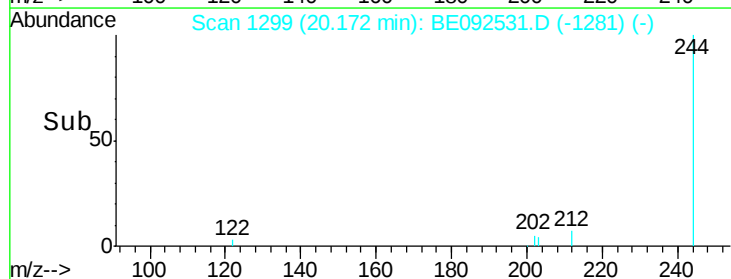
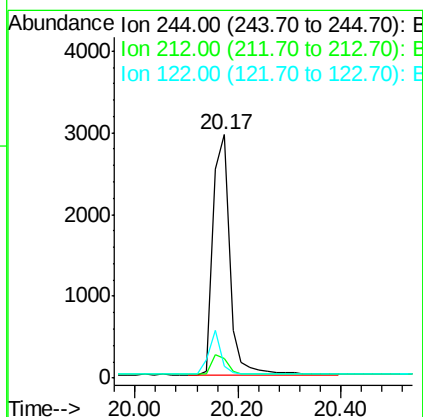
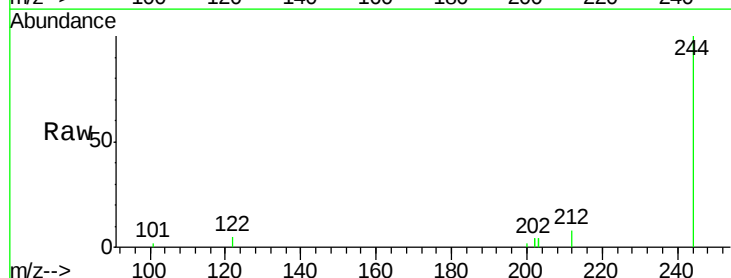
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

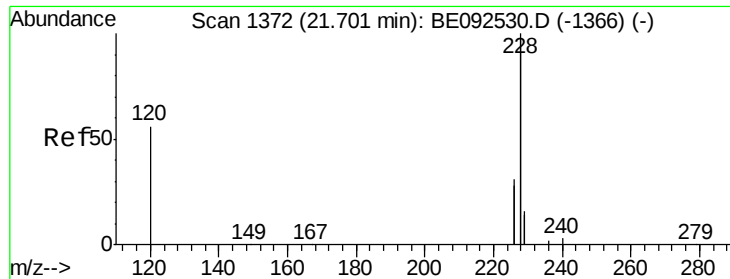
Tot Ion:202 Resp: 47870
Ion Ratio Lower Upper
202 100
200 5.2 4.2 6.4
203 17.4 13.9 20.9



#26
Terphenyl-d14
Concen: 0.73 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:244 Resp: 6628
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 4.9 3.6 5.4





#27

Benzo(a)anthracene

Concen: 0.69 ng m

RT: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

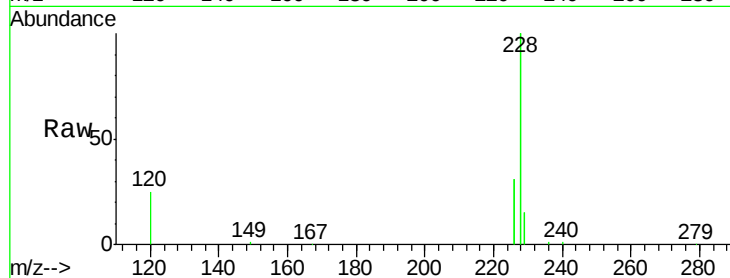
Tot Ion:228 Resp: 52551

Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

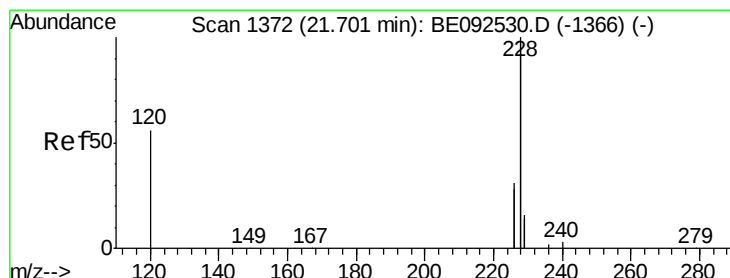
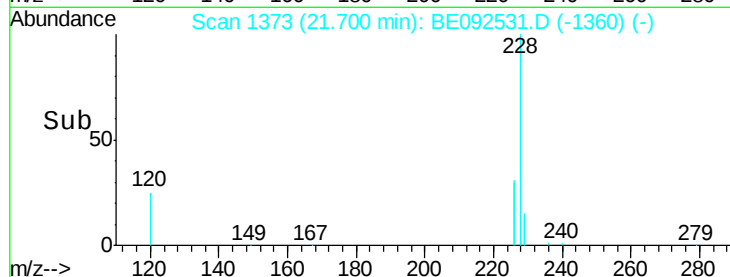
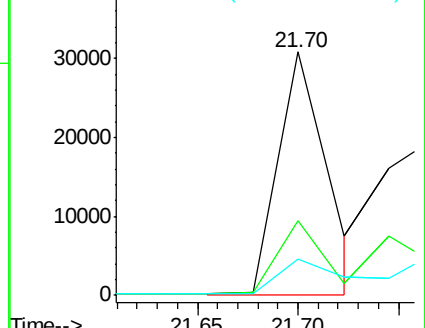
229 14.7 13.3 19.9



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



#28

Chrysene

Concen: 0.66 ng m

RT: 21.77 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

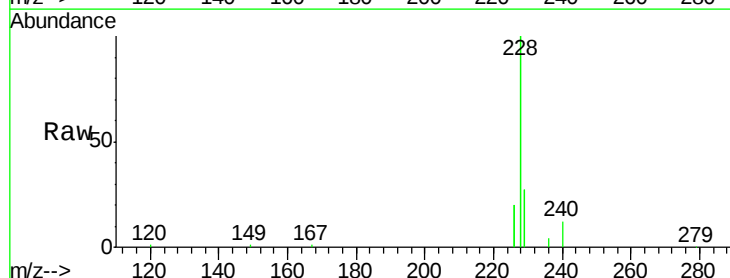
Tgt Ion:228 Resp: 53820

Ion Ratio Lower Upper

228 100

226 20.4 36.3 54.5#

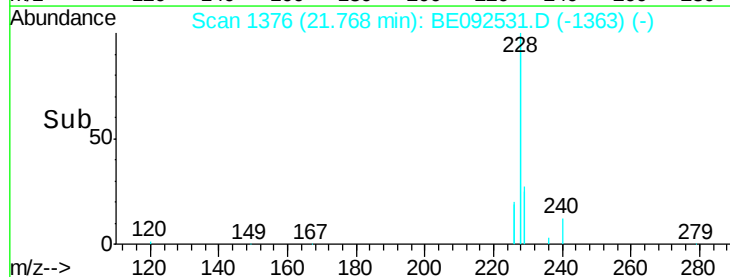
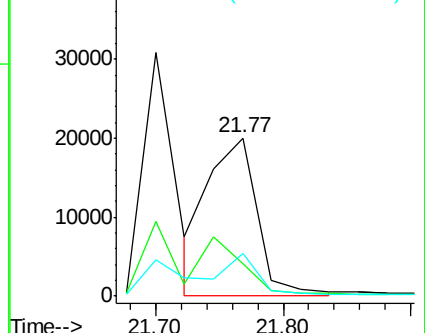
229 27.3 10.6 16.0#

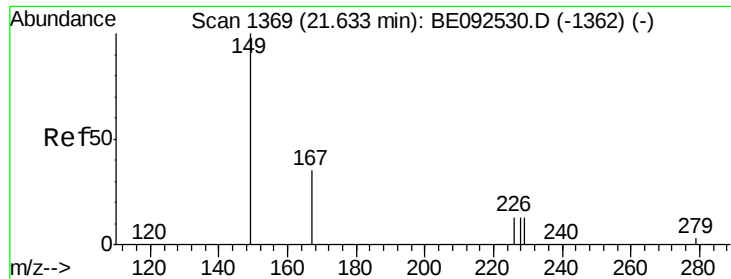


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng

RT: 21.63 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

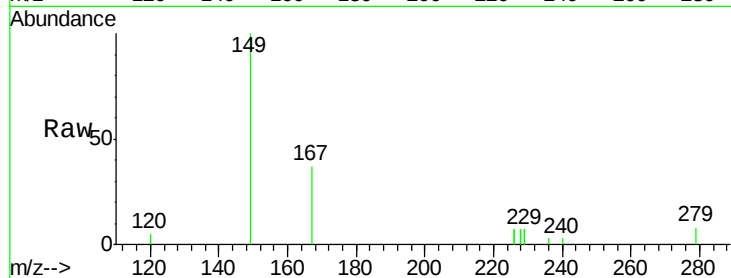
Tot Ion:149 Resp: 3157

Ion Ratio Lower Upper

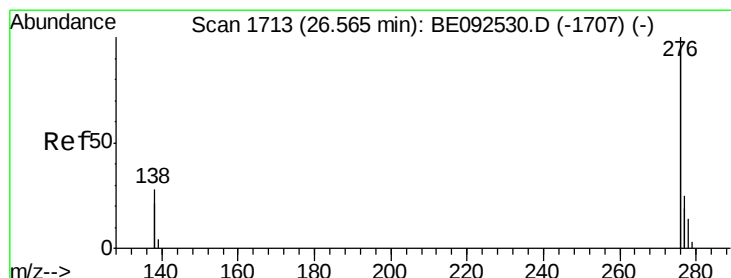
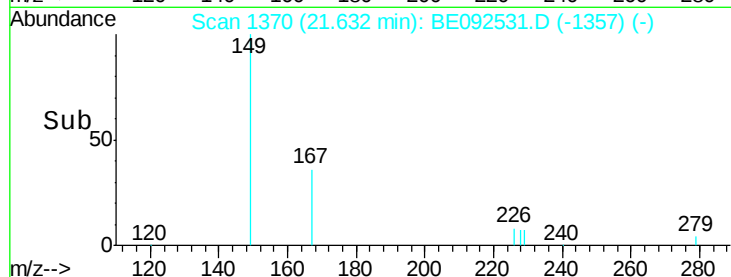
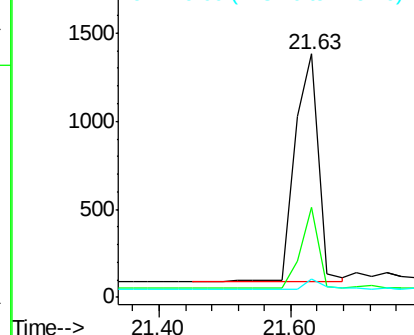
149 100

167 27.5 16.0 24.0#

279 3.5 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: 0.68 ng

RT: 26.57 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

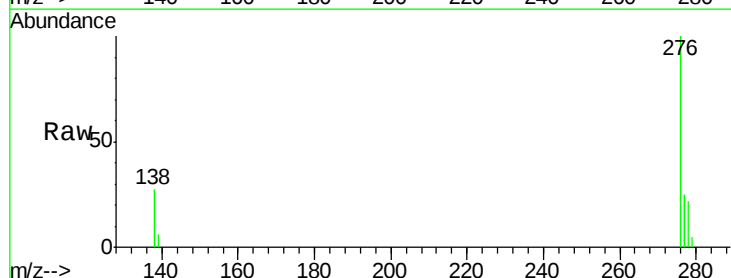
Tgt Ion:276 Resp: 56088

Ion Ratio Lower Upper

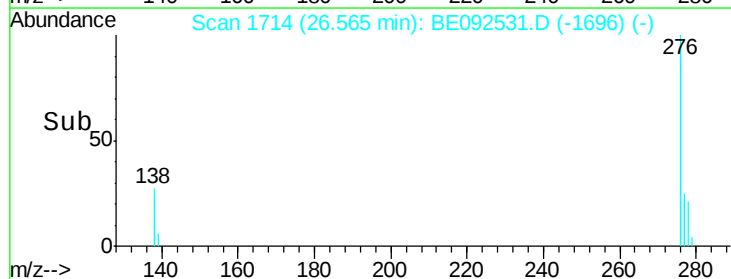
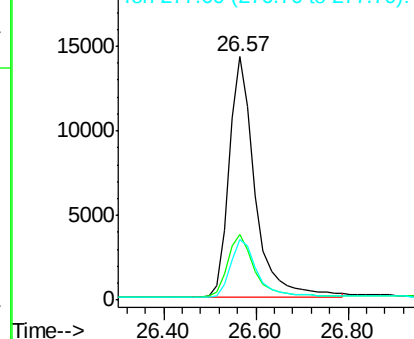
276 100

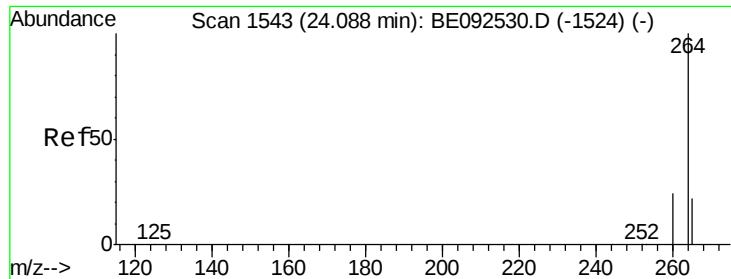
138 27.3 20.3 30.5

277 24.5 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

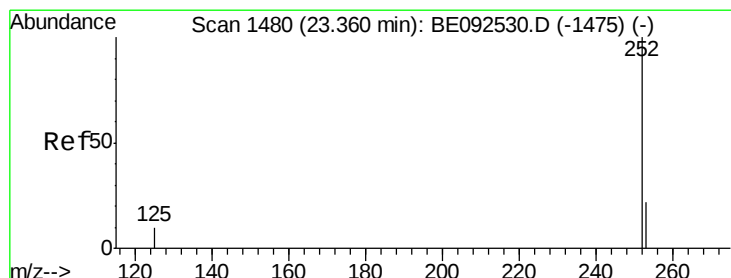
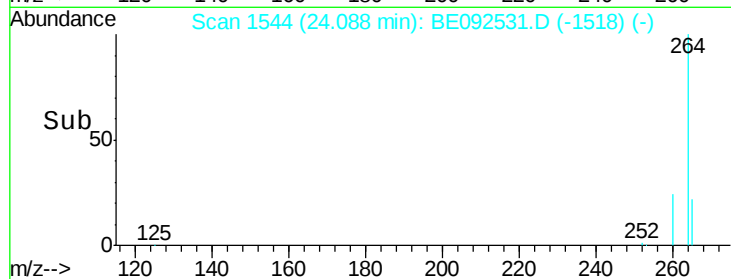
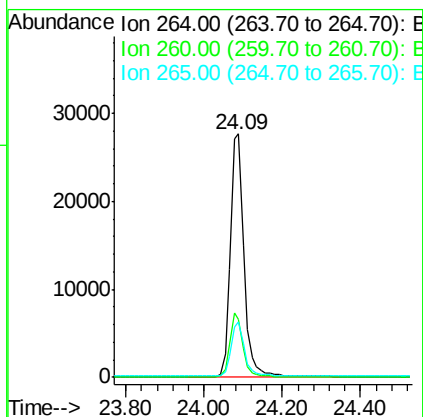
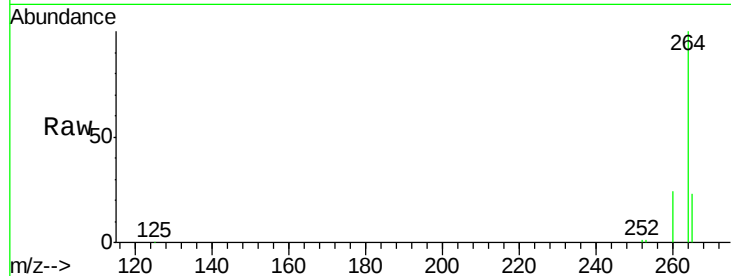




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

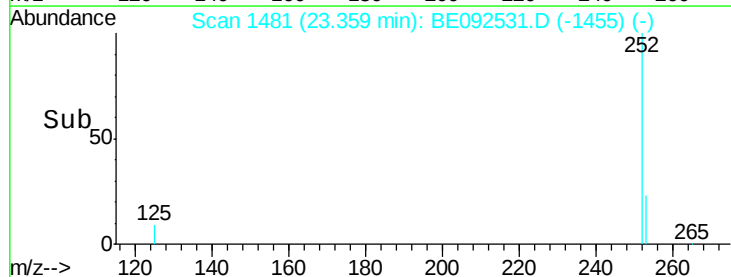
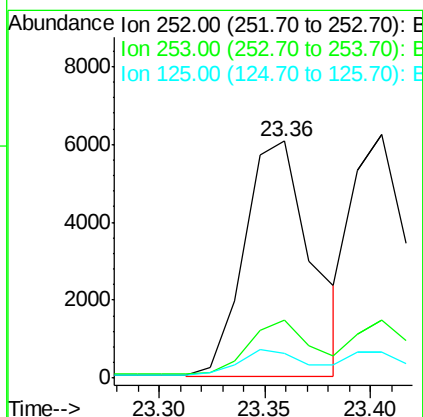
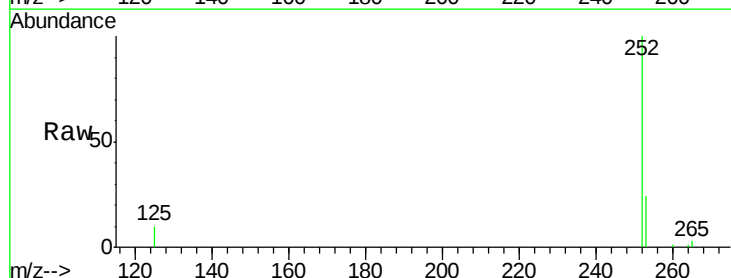
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

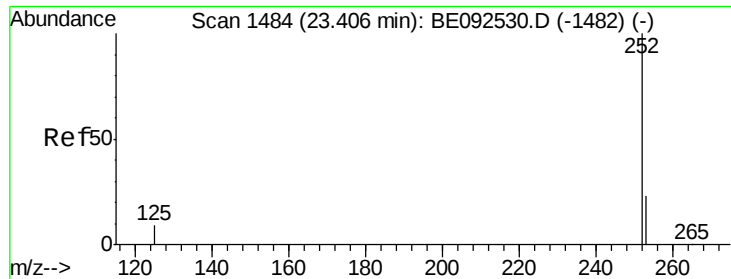
Tot Ion:264 Resp: 67403
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 22.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.52 ng m
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:252 Resp: 13257
Ion Ratio Lower Upper
252 100
253 24.2 18.7 28.1
125 10.5 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.47 ng

RT: 23.41 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

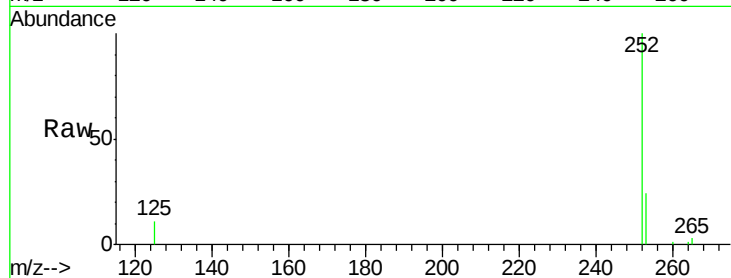
Tot Ion:252 Resp: 12518

Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

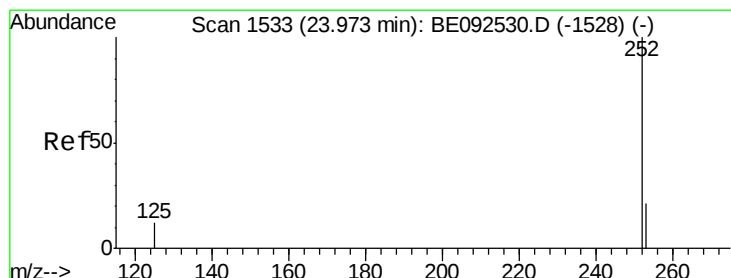
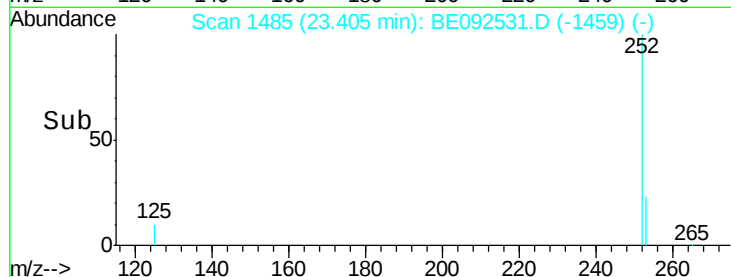
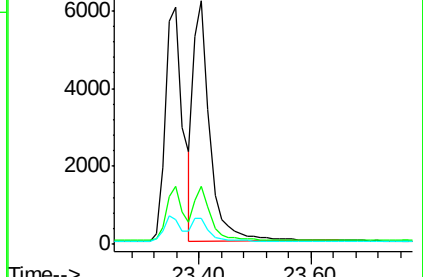
125 10.9 9.6 14.4



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: 0.66 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

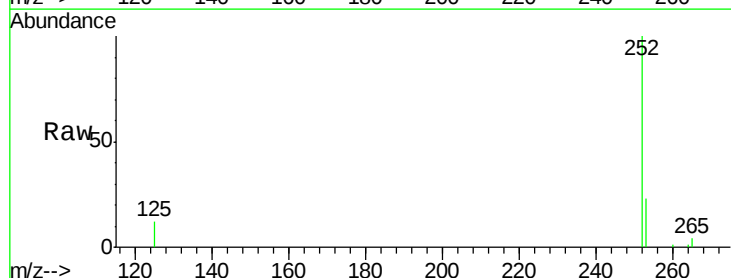
Tgt Ion:252 Resp: 11414

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

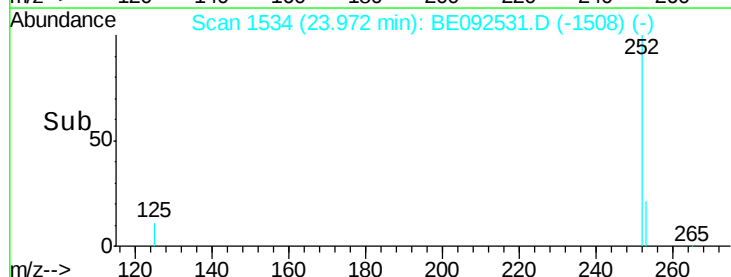
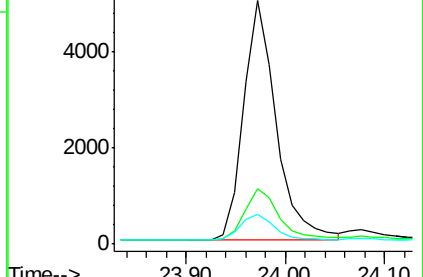
125 12.5 11.8 17.8

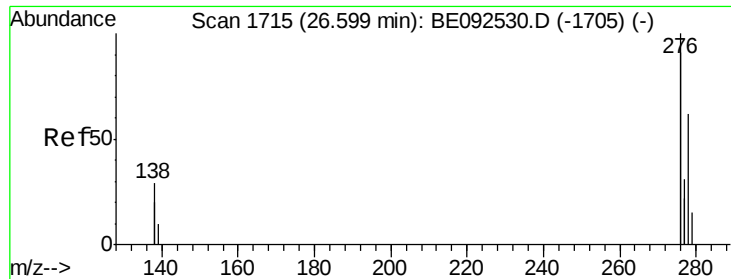


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.70 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

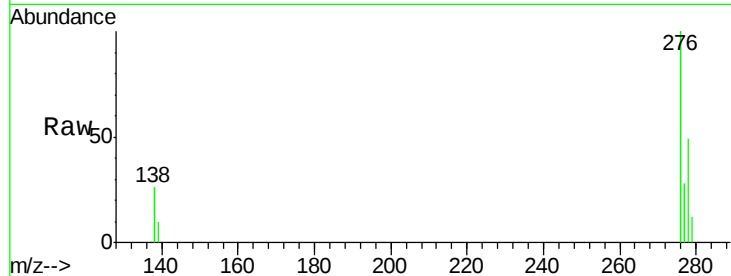
Tot Ion:278 Resp: 11444

Ion Ratio Lower Upper

278 100

139 20.2 13.8 20.8

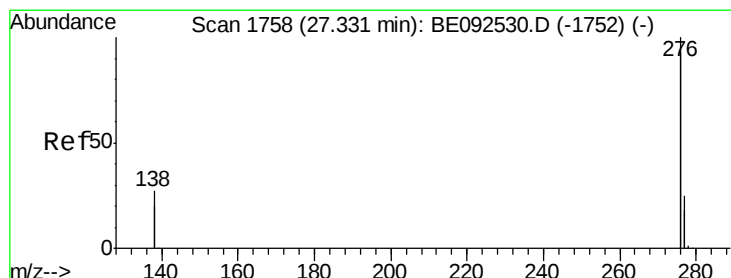
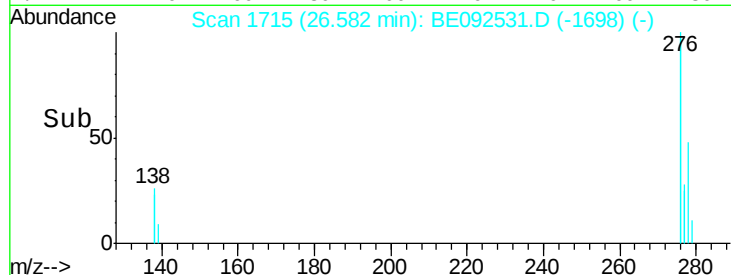
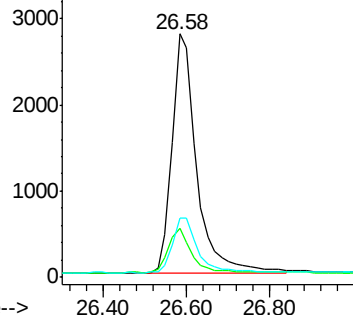
279 24.5 21.4 32.2



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: 0.73 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092531.D

Acq: 16 Nov 2016 12:17

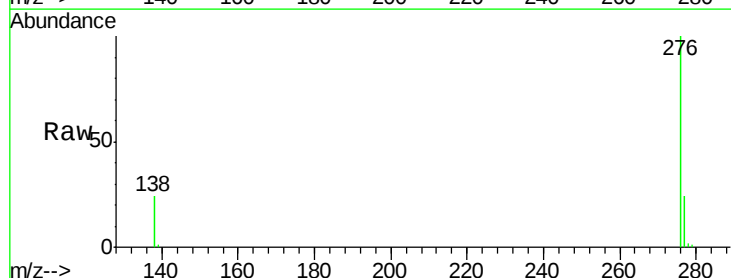
Tgt Ion:276 Resp: 49250

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 23.8 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

