

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
 Data File : BE092603.D
 Acq On : 19 Dec 2016 11:52
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Dec 19 15:01:21 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 14:52:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8150	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	39077	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26501	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55585	5.00	ng	0.00
24) Chrysene-d12	21.72	240	72014	5.00	ng	0.00
31) Perylene-d12	24.06	264	64706	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.67	112	979	0.71	ng	-0.02
5) Phenol-d6	7.34	99	1399	0.78	ng	-0.05
8) Nitrobenzene-d5	9.34	82	1733	0.82	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	428	0.72	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	5227	0.81	ng	-0.01
26) Terphenyl-d14	20.16	244	6888	0.84	ng	-0.02

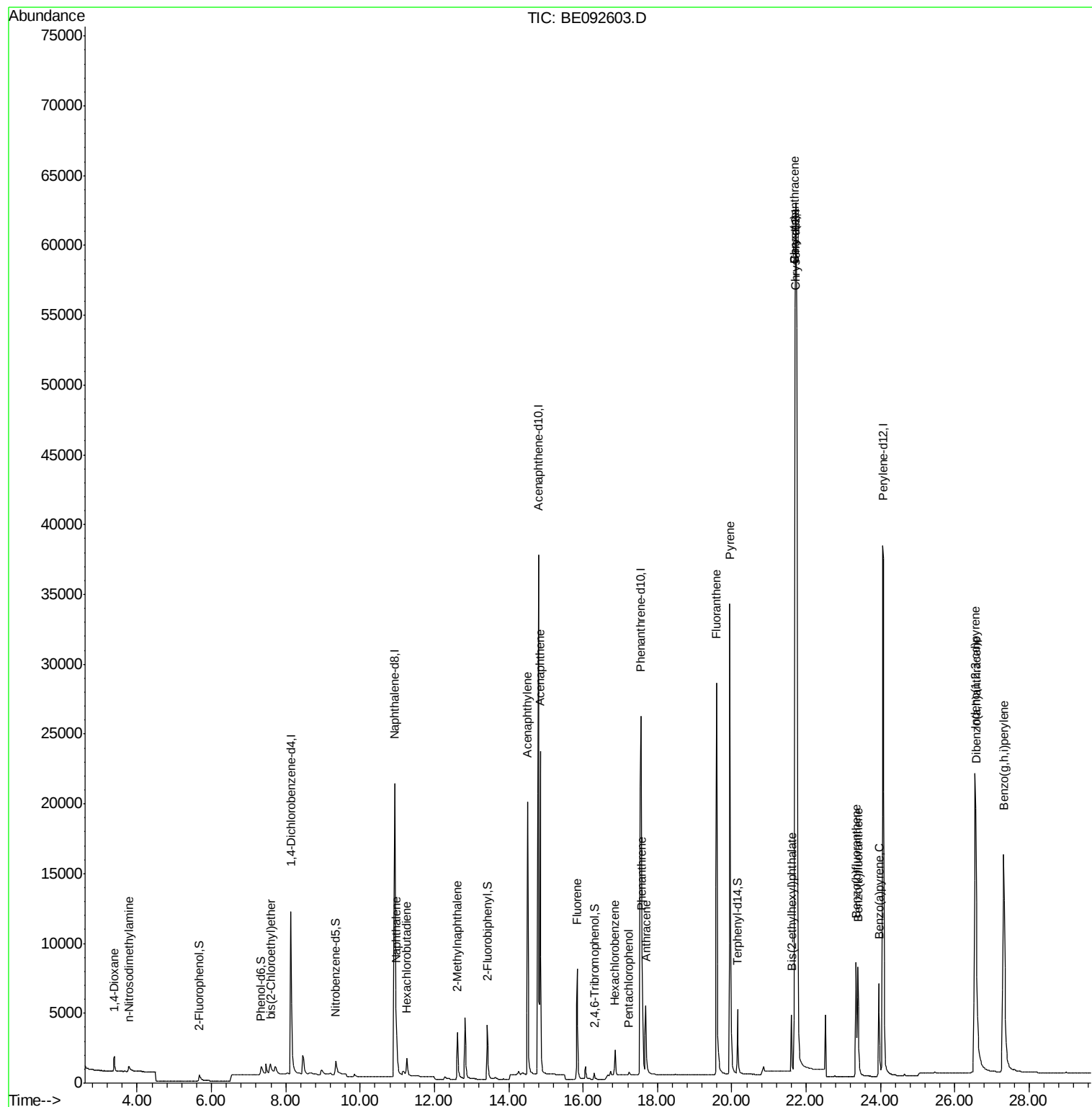
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	919	0.83	ng	100
3) n-Nitrosodimethylamine	3.77	42	816	0.77	ng	# 95
6) bis(2-Chloroethyl)ether	7.59	93	1537	0.70	ng	# 28
9) Naphthalene	10.97	128	6353	0.79	ng	97
10) Hexachlorobutadiene	11.26	225	982	0.80	ng	99
11) 2-Methylnaphthalene	12.62	142	4021	0.78	ng	89
15) Acenaphthylene	14.51	152	28804	0.78	ng	100
16) Acenaphthene	14.85	154	4717	0.78	ng	92
17) Fluorene	15.85	166	5924	0.79	ng	99
19) Hexachlorobenzene	16.86	284	1946	0.89	ng	# 66
20) Pentachlorophenol	17.23	266	286	0.71	ng	97
21) Phenanthrene	17.58	178	10638	0.86	ng	# 95
22) Anthracene	17.69	178	9603	0.82	ng	100
23) Fluoranthene	19.59	202	46225	0.80	ng	99
25) Pyrene	19.95	202	48823	0.85	ng	100
27) Benzo(a)anthracene	21.70	228	50471	0.75	ng	# 88
28) Chrysene	21.70	228	50444	0.82	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.61	149	4771	1.09	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.55	276	53171	0.78	ng	97
32) Benzo(b)fluoranthene	23.35	252	12335	0.79	ng	98
33) Benzo(k)fluoranthene	23.39	252	12478	0.76	ng	96
34) Benzo(a)pyrene	23.96	252	11234	0.77	ng	98
35) Dibenzo(a,h)anthracene	26.57	278	10646	0.74	ng	94
36) Benzo(g,h,i)perylene	27.32	276	46001	0.76	ng	99

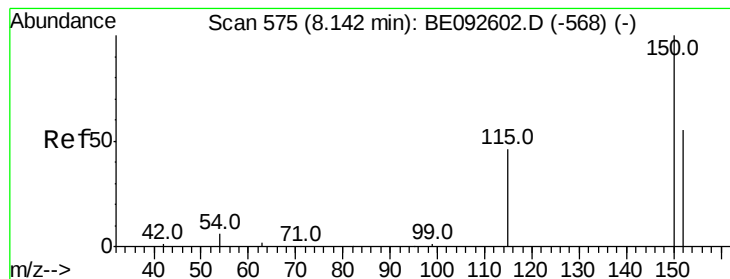
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

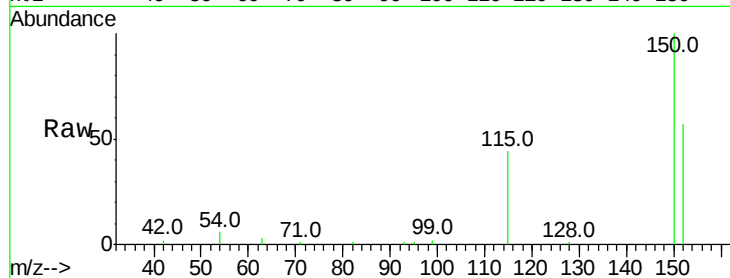
Tot Ion:152 Resp: 8150

Ion Ratio Lower Upper

152 100

150 174.4 106.0 159.0#

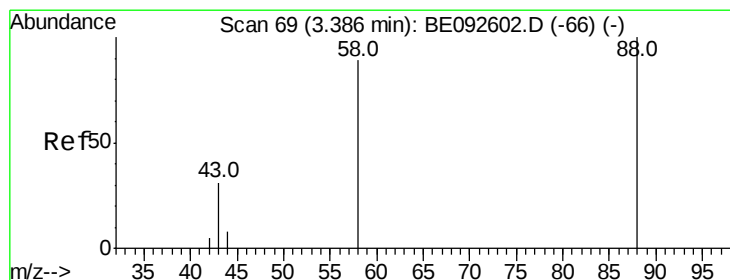
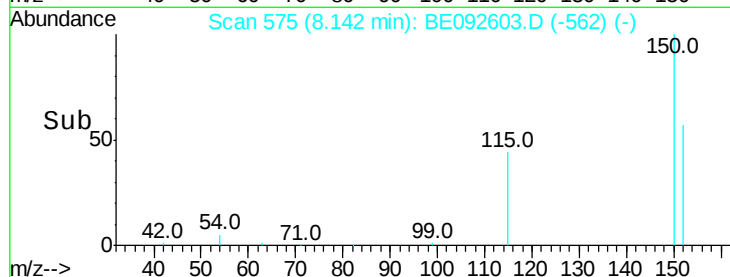
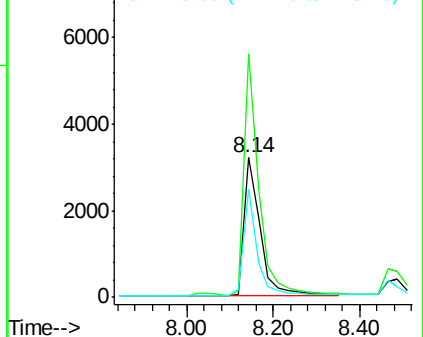
115 77.2 31.2 46.8#



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: 0.83 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

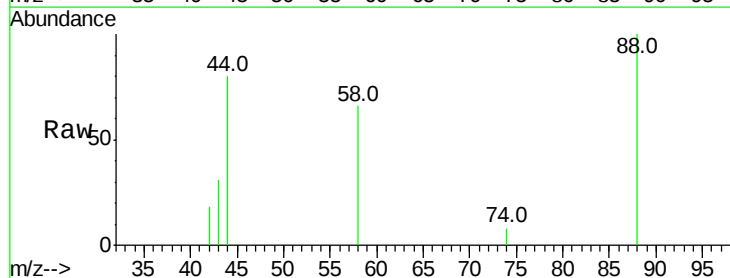
Tgt Ion: 88 Resp: 919

Ion Ratio Lower Upper

88 100

58 80.0 63.6 95.4

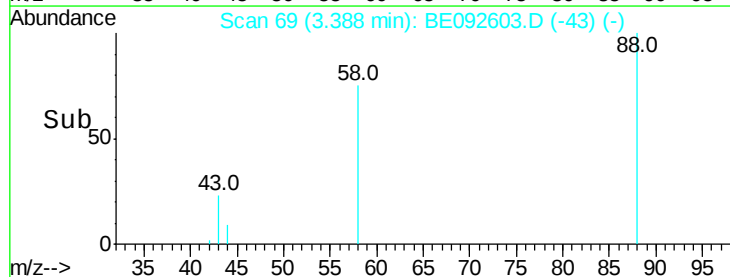
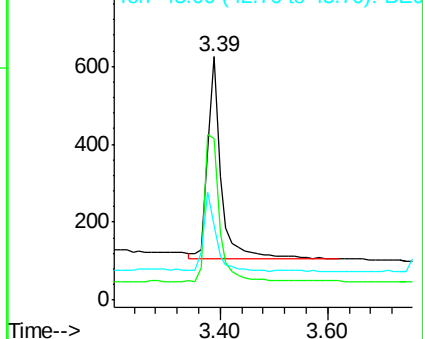
43 34.9 28.0 42.0

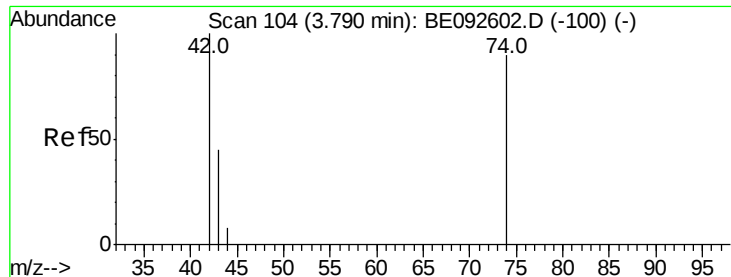


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.77 ng

RT: 3.77 min Scan# 102

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

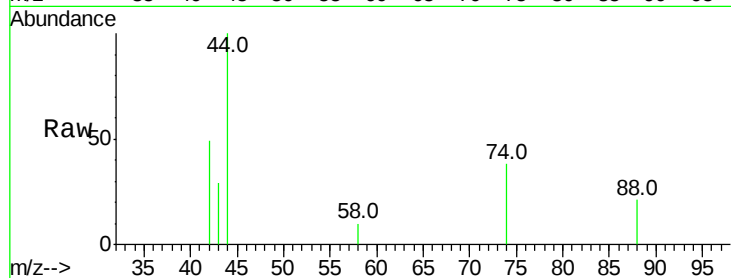
Tot Ion: 42 Resp: 816

Ion Ratio Lower Upper

42 100

74 101.7 86.0 129.0

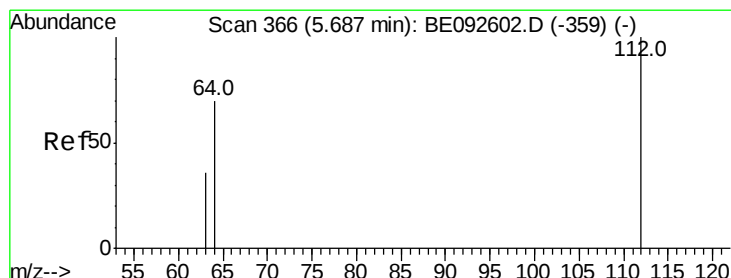
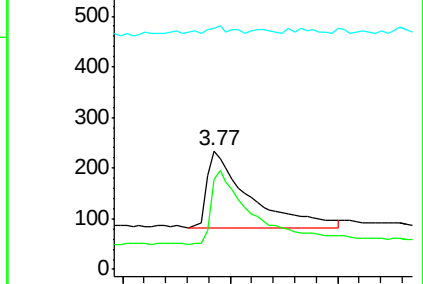
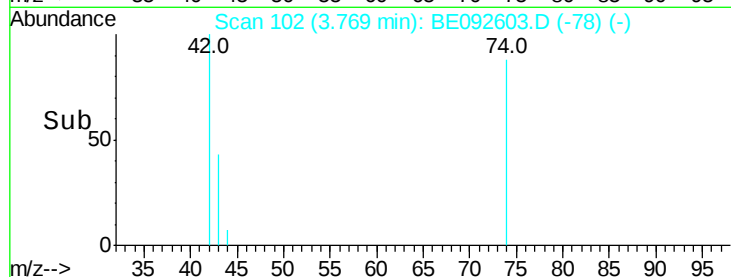
44 4.9 5.1 7.7#



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: 0.71 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

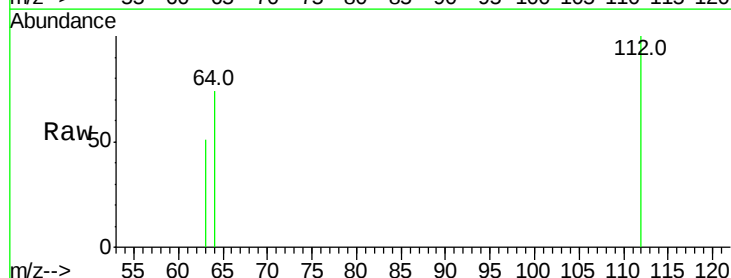
Tgt Ion: 112 Resp: 979

Ion Ratio Lower Upper

112 100

64 69.4 53.5 80.3

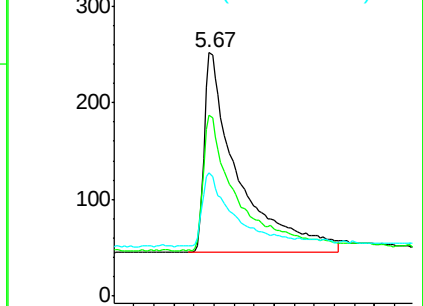
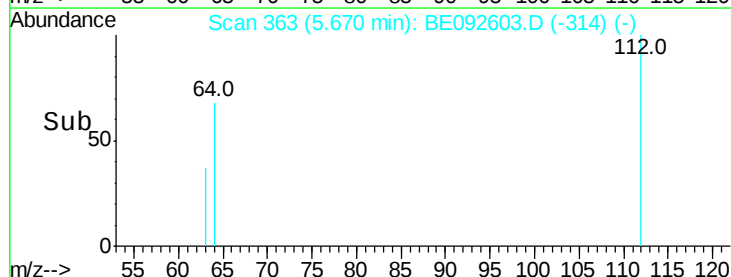
63 33.4 27.9 41.9

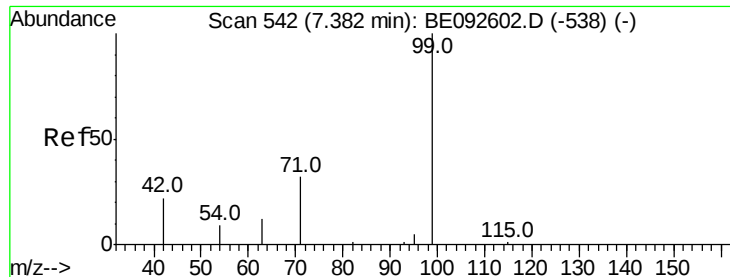


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.78 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.05 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

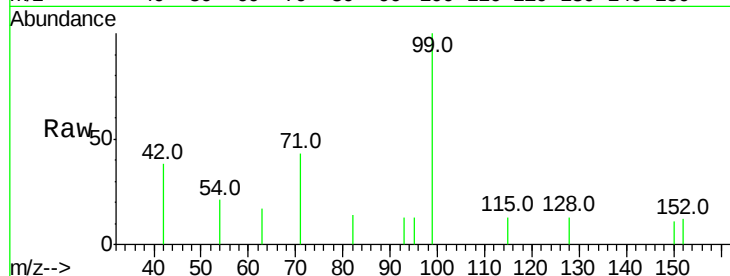
Tot Ion: 99 Resp: 1399

Ion Ratio Lower Upper

99 100

42 28.7 16.0 24.0#

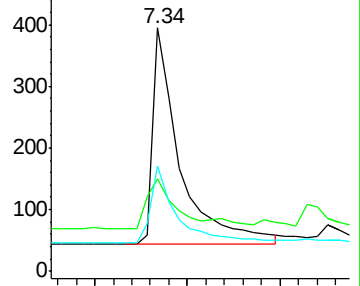
71 34.7 30.6 45.8



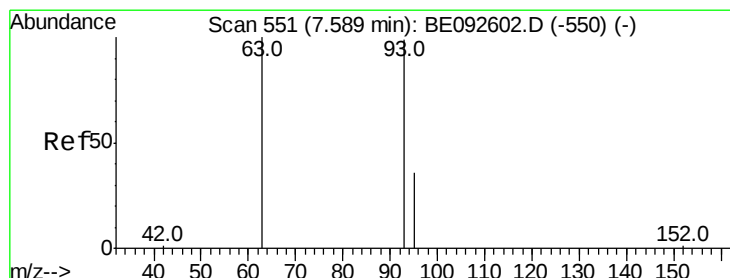
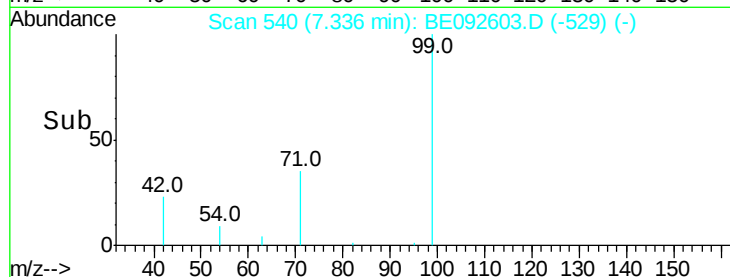
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.70 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

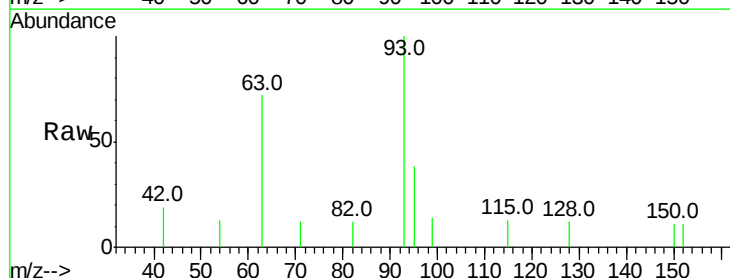
Tgt Ion: 93 Resp: 1537

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

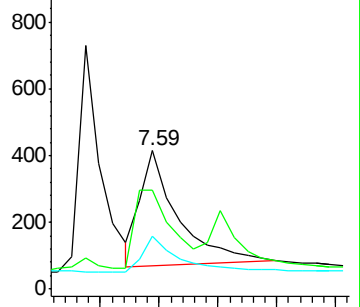
95 31.1 24.0 36.0



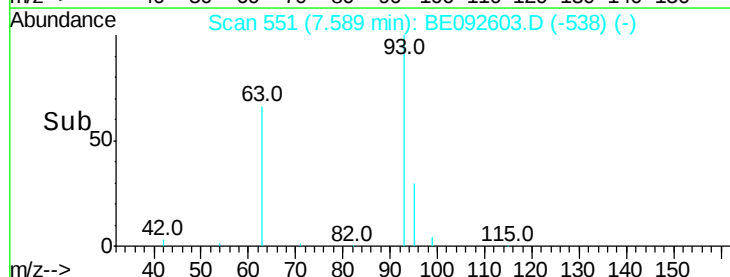
Abundance Ion 93.00 (92.70 to 93.70): BE0

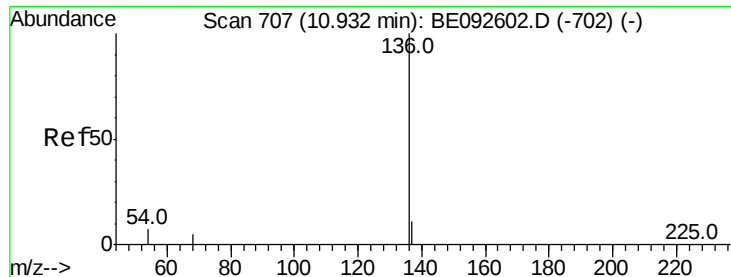
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

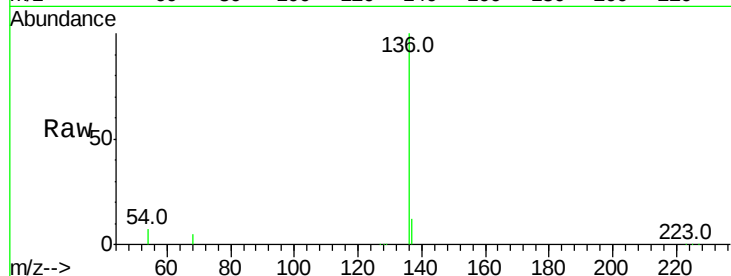
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136	Resp:	39077
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.2 12.4
54	6.7	9.6 14.4#
68	5.0	6.7 10.1#



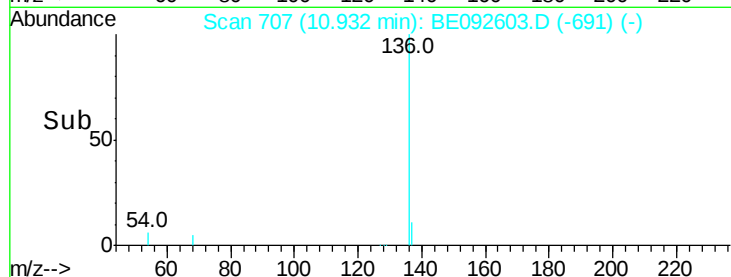
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

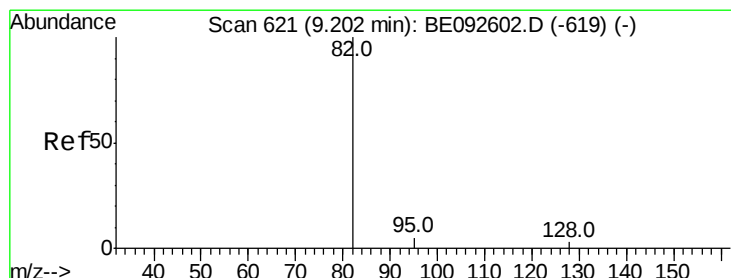
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.82 ng

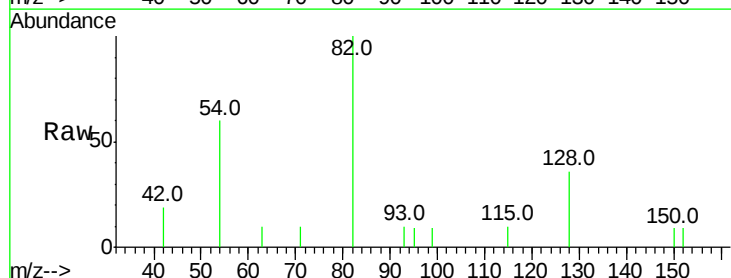
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Tgt Ion: 82	Resp:	1733
Ion Ratio	Lower	Upper
82	100	
128	35.6	39.0 58.4#
54	60.0	44.8 67.2

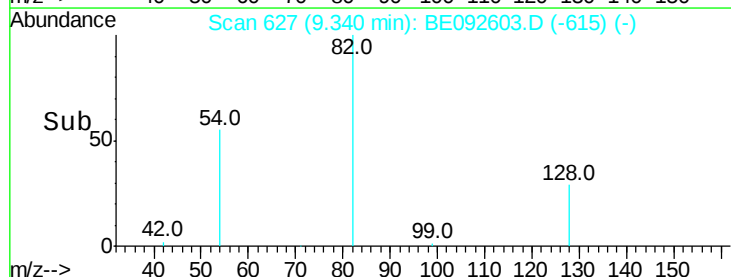


Abundance Ion 82.00 (81.70 to 82.70): BE0

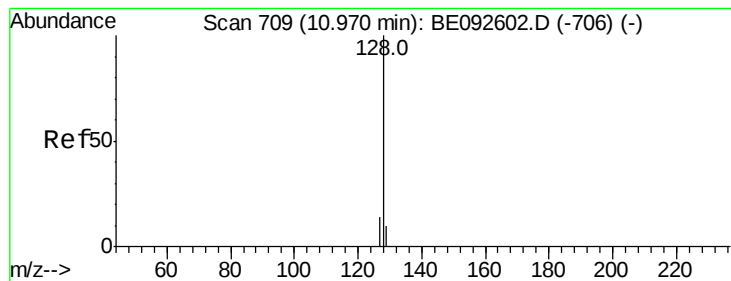
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 0.79 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

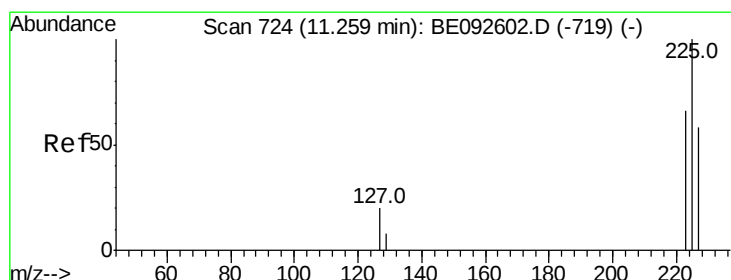
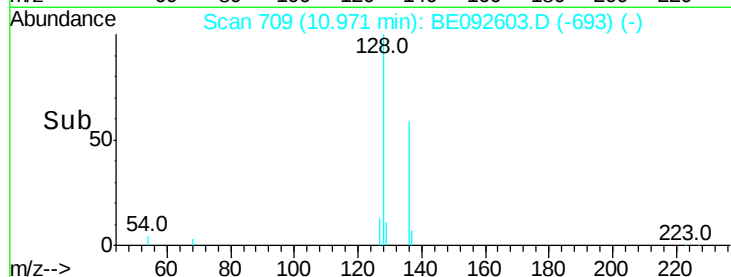
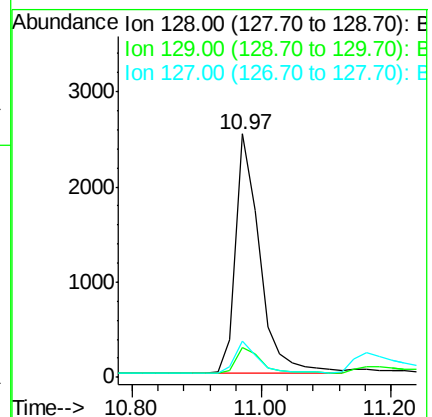
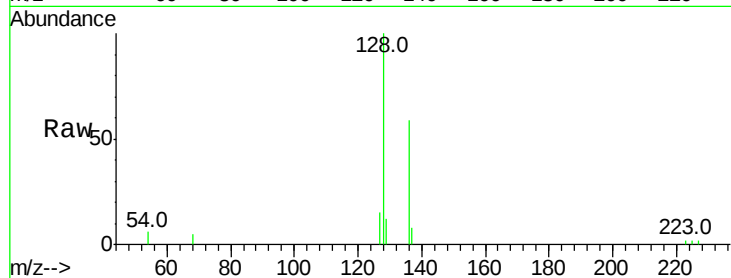
Tot Ion:128 Resp: 6353

Ion Ratio Lower Upper

128 100

129 12.2 11.2 16.8

127 14.9 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.80 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

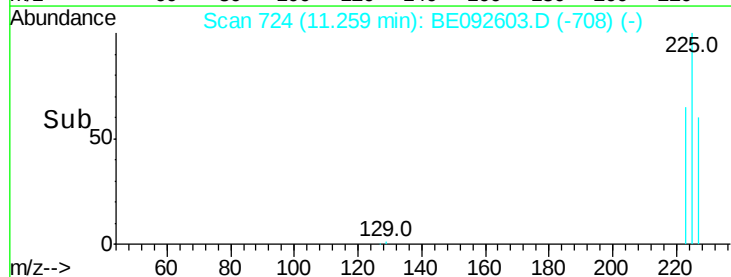
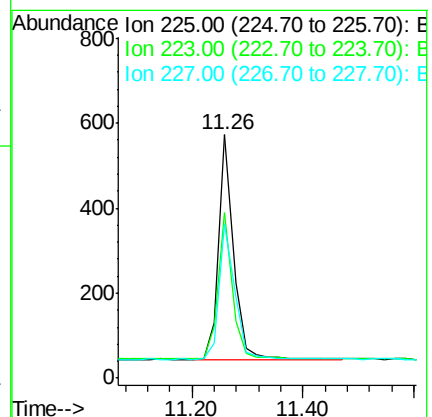
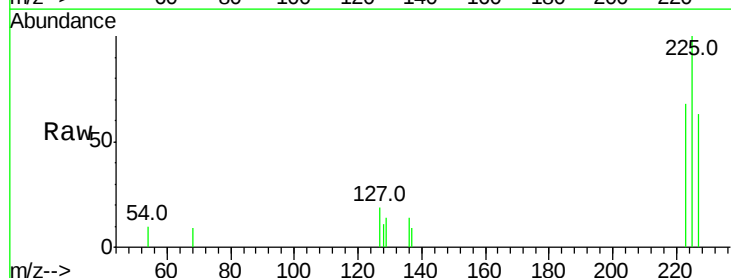
Tgt Ion:225 Resp: 982

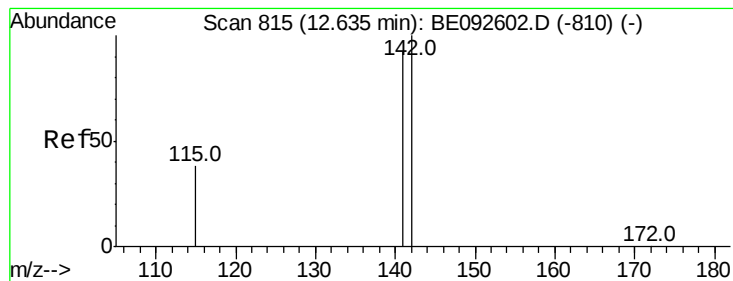
Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

227 63.5 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.78 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

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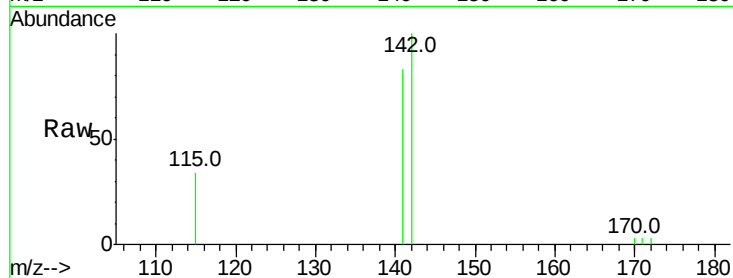
Tot Ion:142 Resp: 4021

Ion Ratio Lower Upper

142 100

141 82.6 73.7 110.5

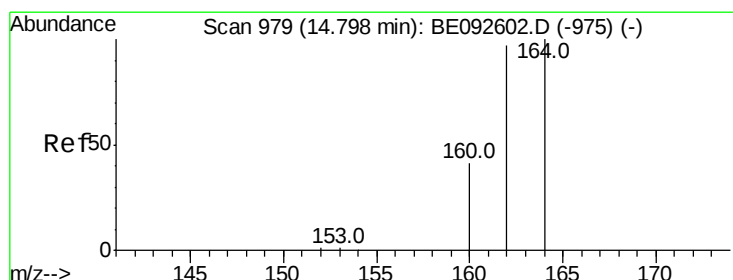
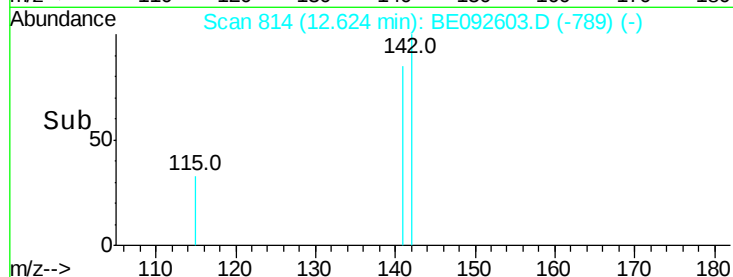
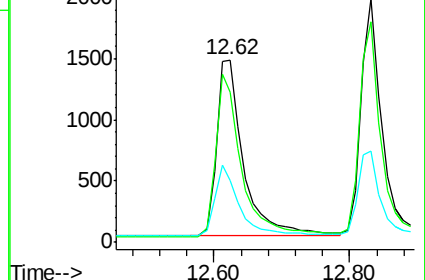
115 34.1 34.0 51.0



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: BE092603.D

Acq: 19 Dec 2016 11:52

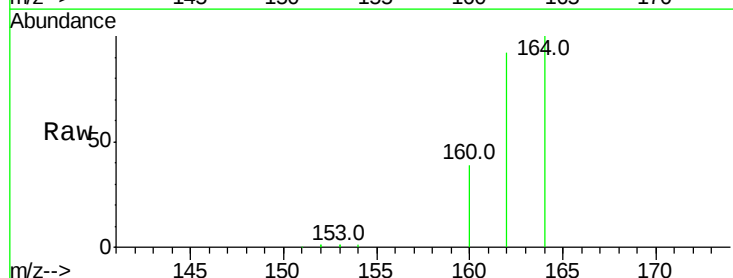
Tgt Ion:164 Resp: 26501

Ion Ratio Lower Upper

164 100

162 92.4 71.4 107.0

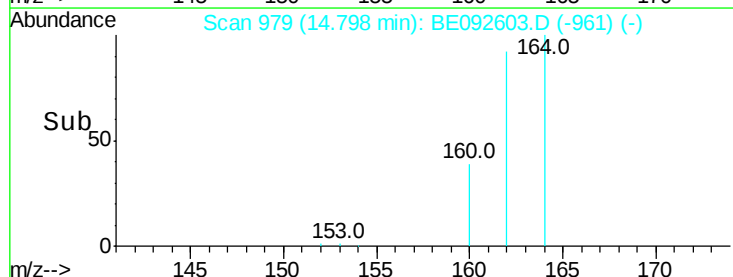
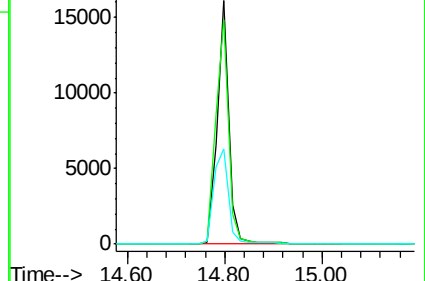
160 38.9 27.4 41.2

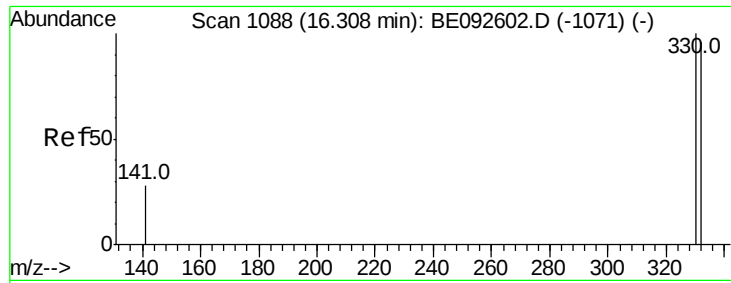


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

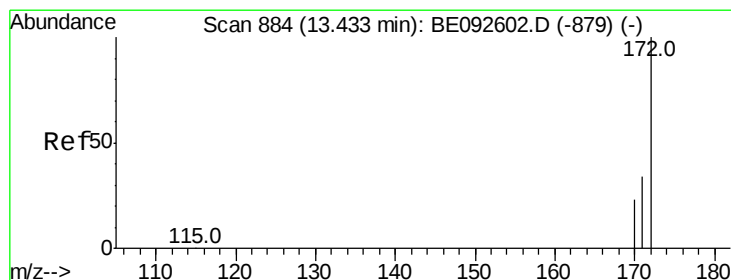
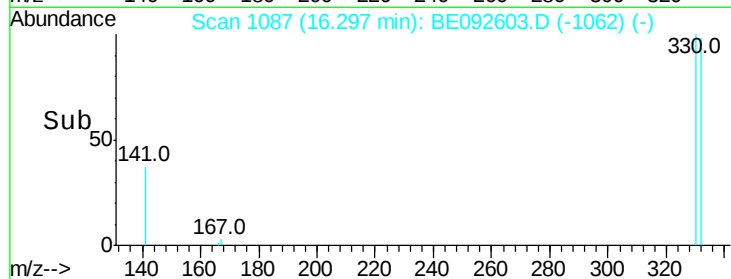
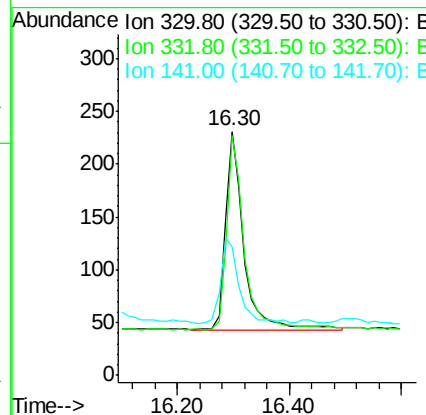
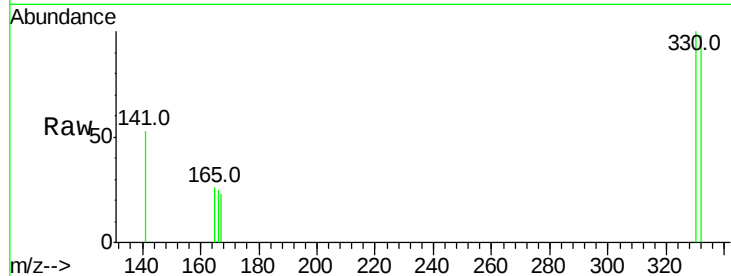




#13
 2,4,6-Tribromophenol
 Concen: 0.72 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092603.D
 Acq: 19 Dec 2016 11:52

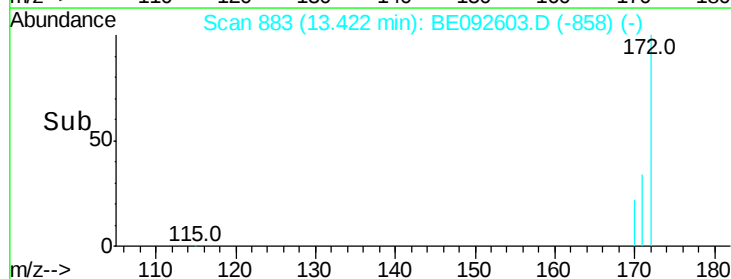
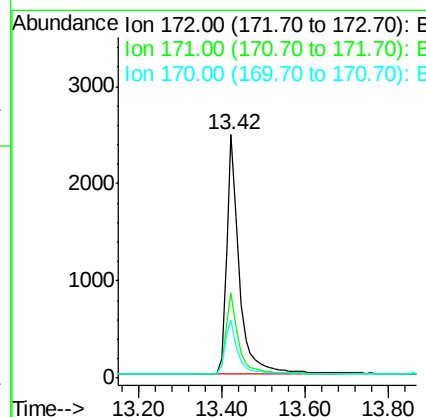
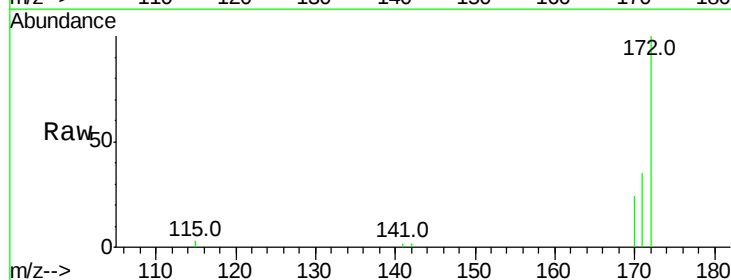
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

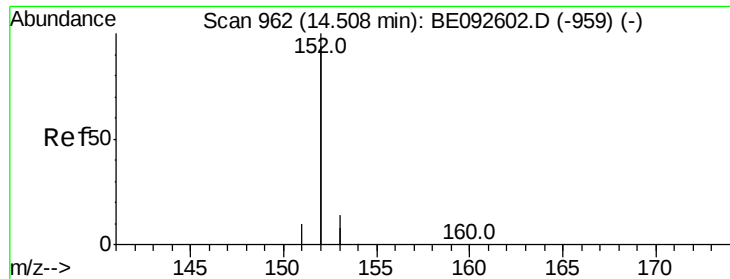
Tot Ion:330 Resp: 428
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 43.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.81 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092603.D
 Acq: 19 Dec 2016 11:52

Tgt Ion:172 Resp: 5227
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.1 45.1
 170 23.8 21.8 32.6





#15

Acenaphthylene

Concen: 0.78 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

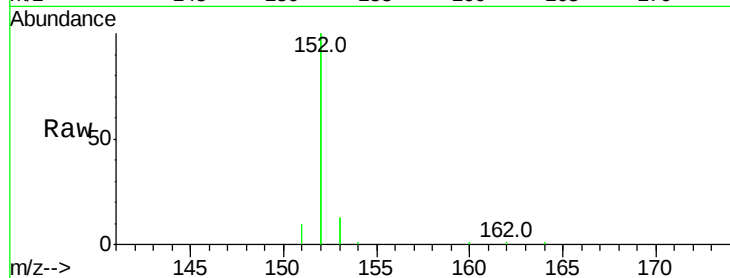
Tot Ion:152 Resp: 28804

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

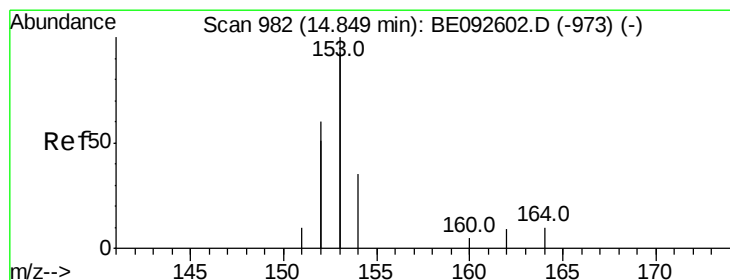
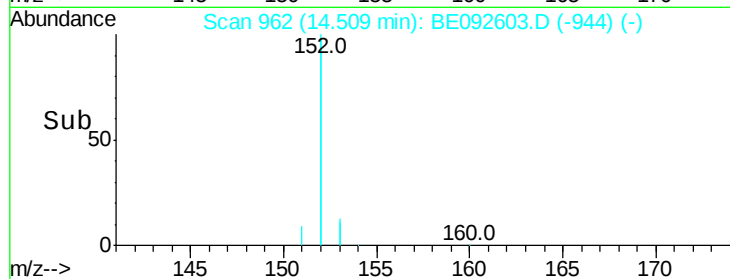
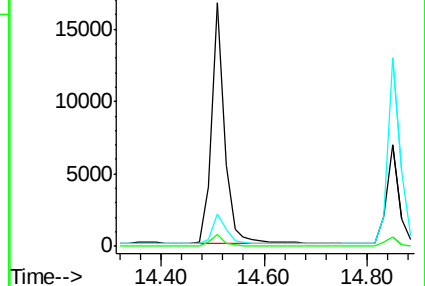
153 13.2 10.4 15.6



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: 0.78 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

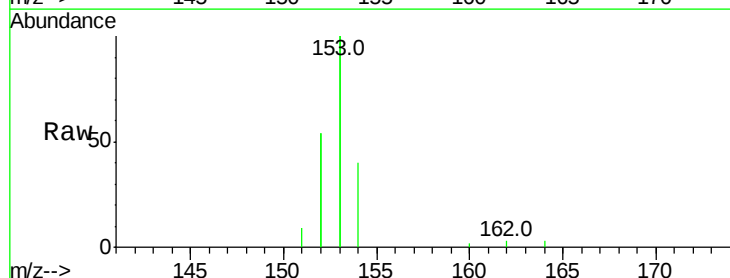
Tgt Ion:154 Resp: 4717

Ion Ratio Lower Upper

154 100

153 449.7 350.8 526.2

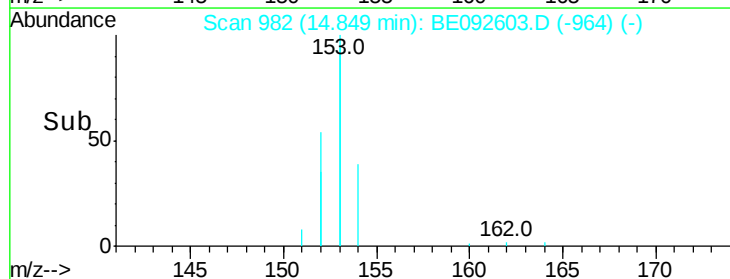
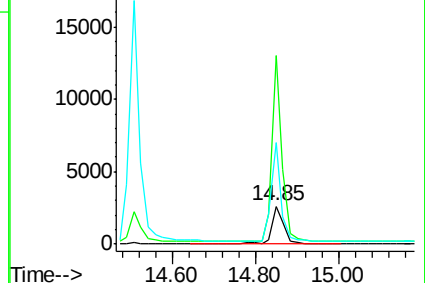
152 236.0 171.1 256.7

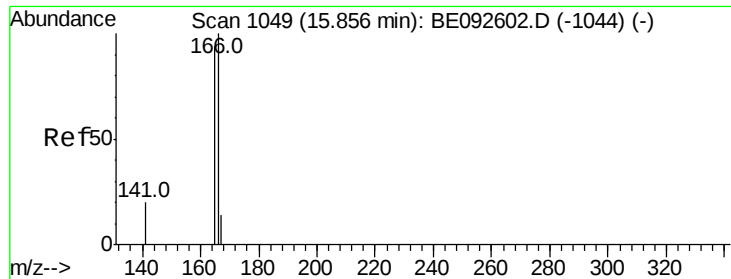


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

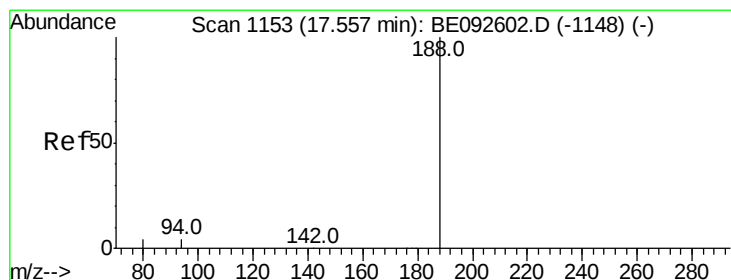
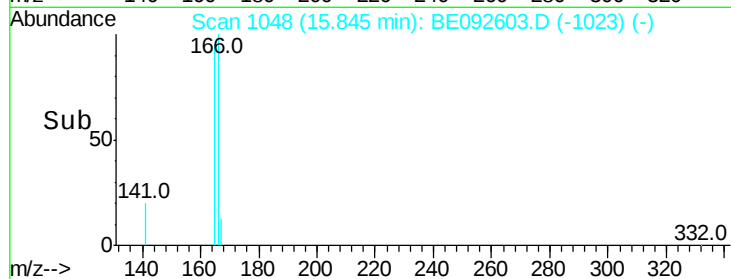
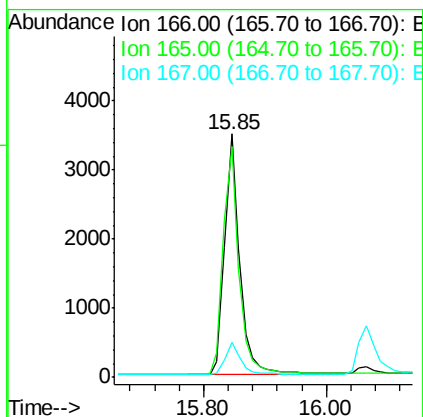
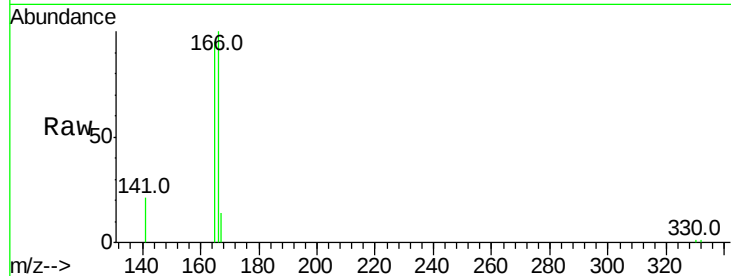




#17
Fluorene
 Concen: 0.79 ng
 RT: 15.85 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092603.D
 Acq: 19 Dec 2016 11:52

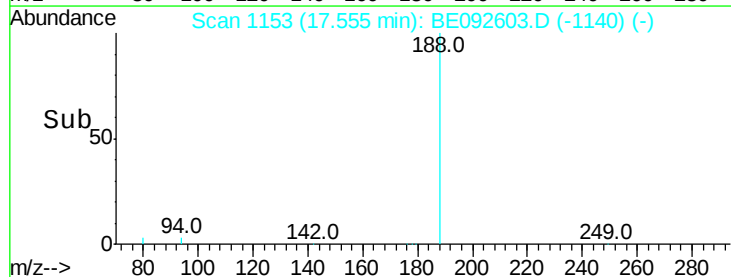
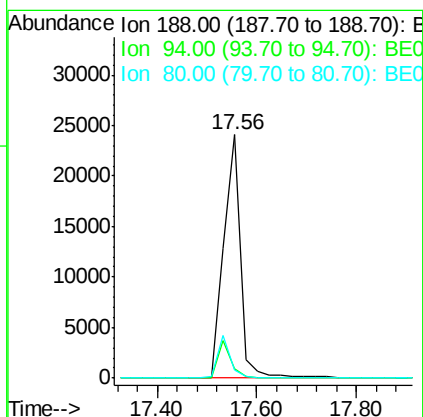
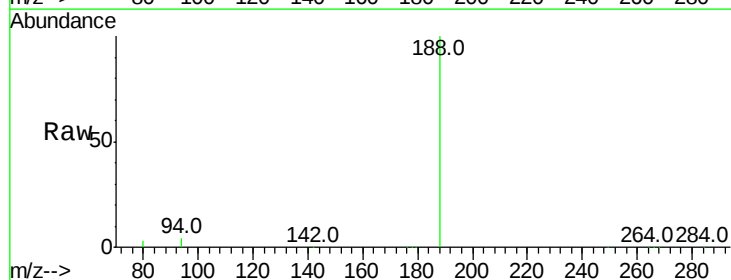
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

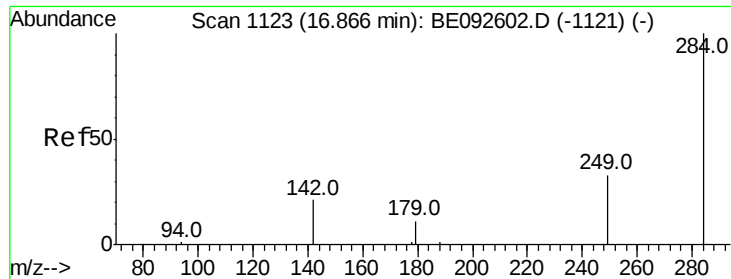
Tot Ion:166 Resp: 5924
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.4
 167 13.3 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092603.D
 Acq: 19 Dec 2016 11:52

Tgt Ion:188 Resp: 55585
 Ion Ratio Lower Upper
 188 100
 94 3.7 3.2 4.8
 80 3.2 2.6 3.8

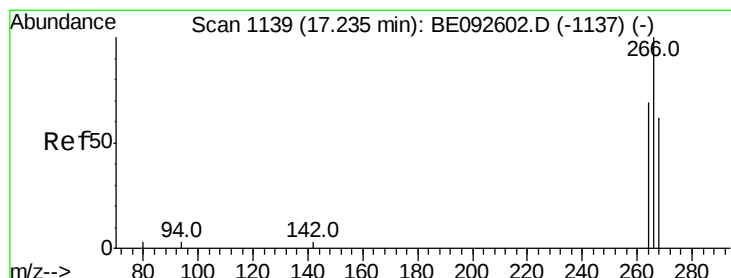
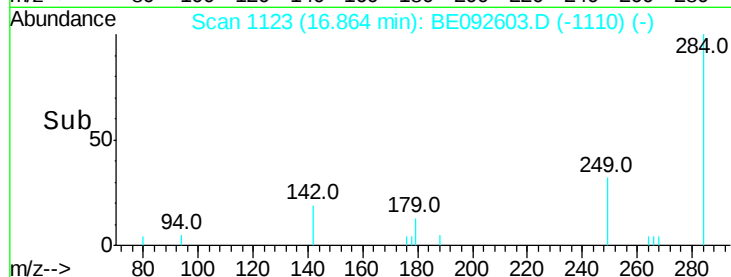
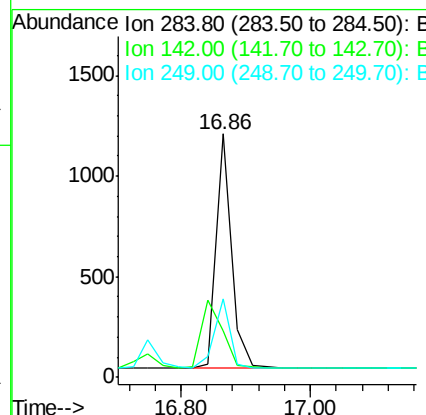
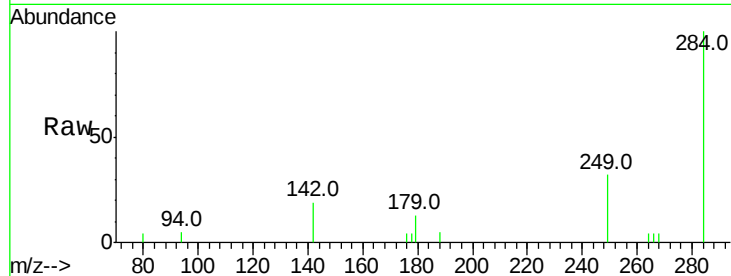




#19
Hexachlorobenzene
Concen: 0.89 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

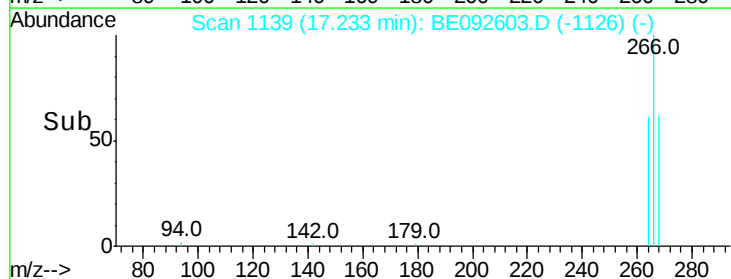
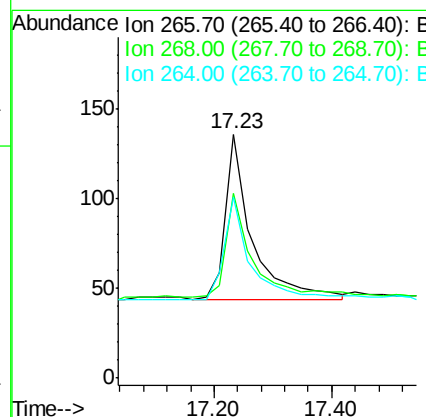
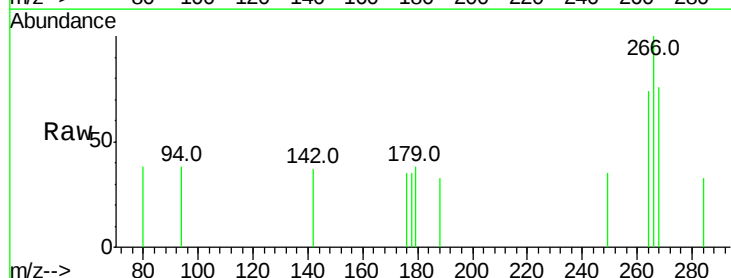
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

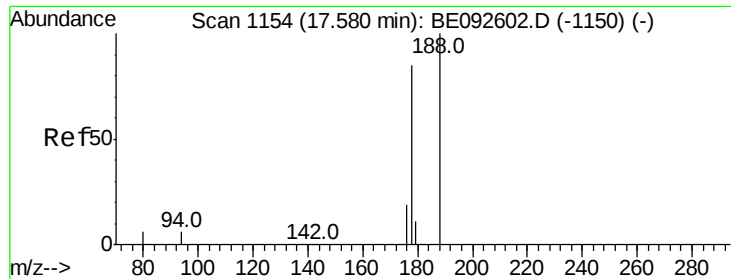
Tot Ion:284 Resp: 1946
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 38.3 27.9 41.9



#20
Pentachlorophenol
Concen: 0.71 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:266 Resp: 286
Ion Ratio Lower Upper
266 100
268 75.7 62.5 93.7
264 74.3 57.2 85.8





#21

Phenanthrene

Concen: 0.86 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

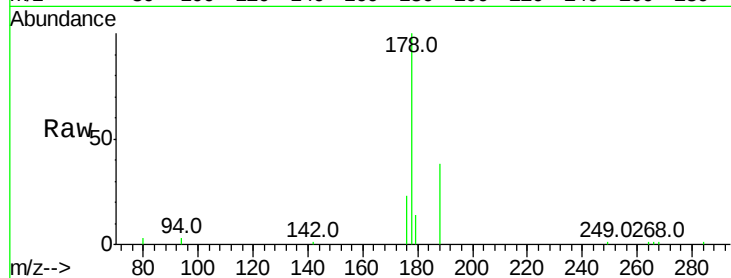
Tot Ion:178 Resp: 10638

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

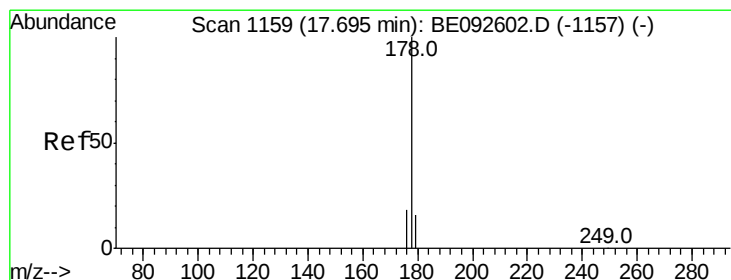
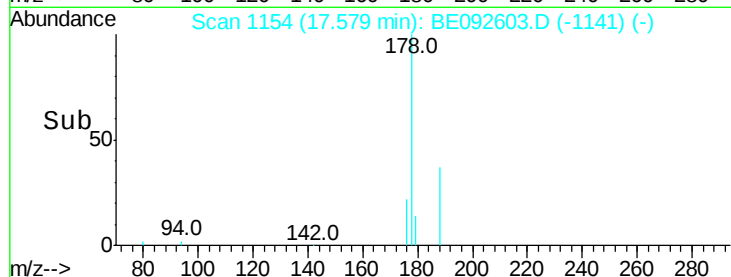
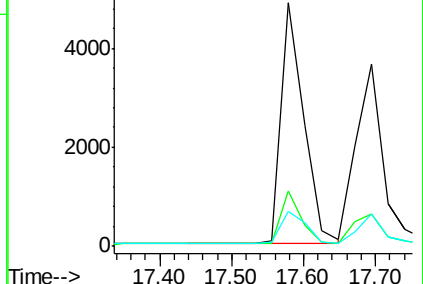
179 15.5 16.0 24.0#



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: 0.82 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

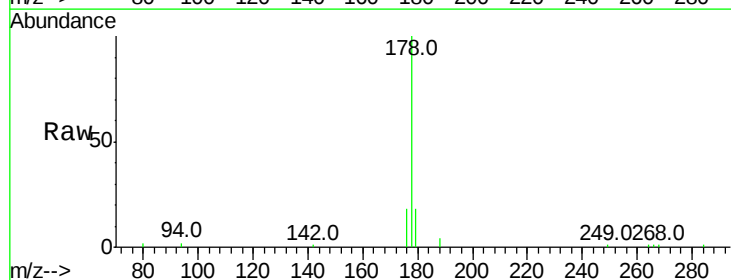
Tgt Ion:178 Resp: 9603

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

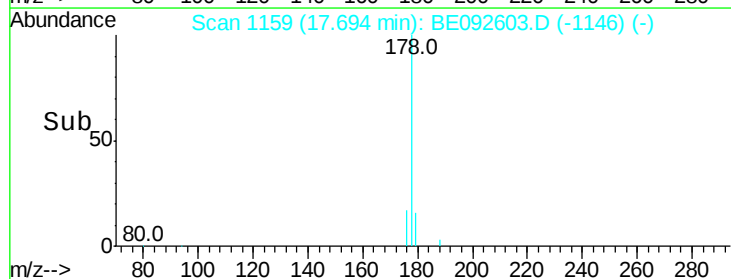
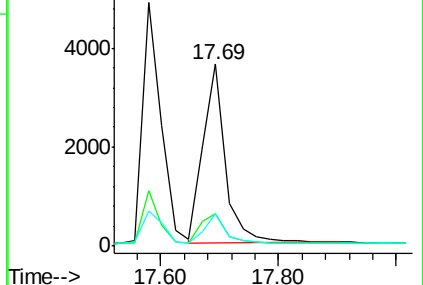
179 15.5 12.2 18.2

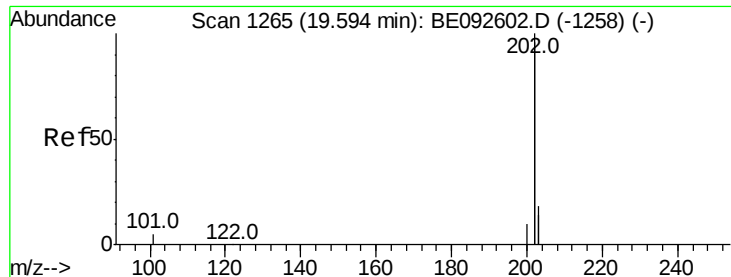


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.80 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

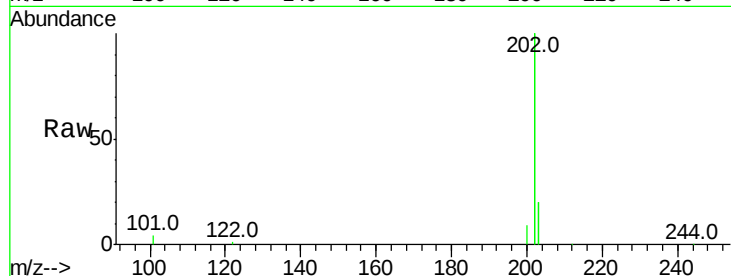
Tot Ion:202 Resp: 46225

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

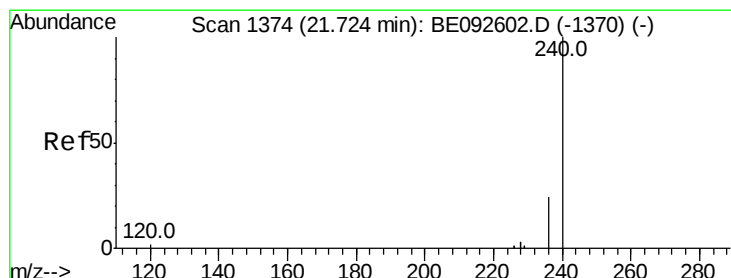
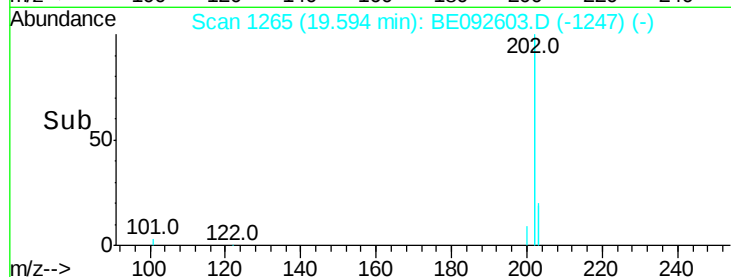
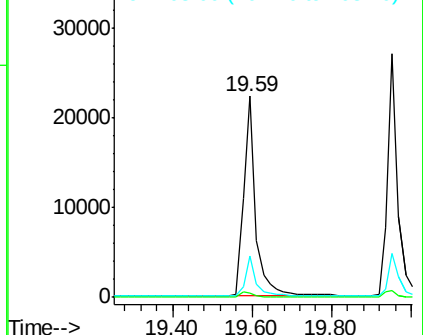
203 17.6 13.7 20.5



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: BE092603.D

Acq: 19 Dec 2016 11:52

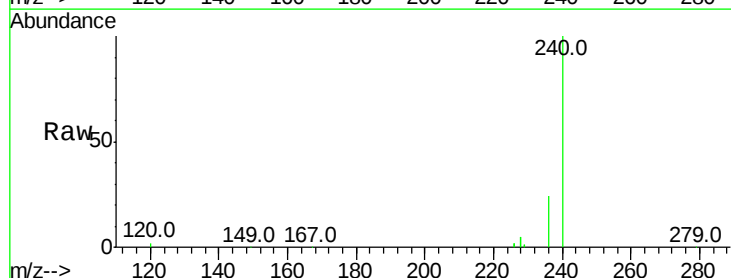
Tgt Ion:240 Resp: 72014

Ion Ratio Lower Upper

240 100

120 1.5 2.6 4.0#

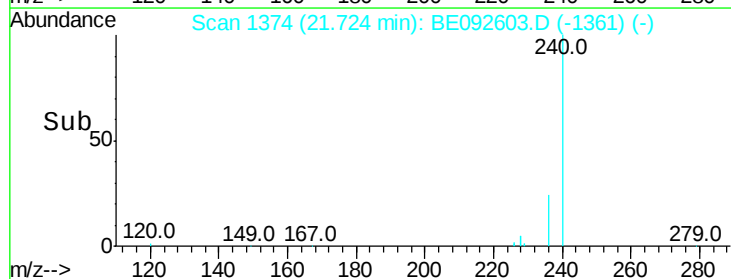
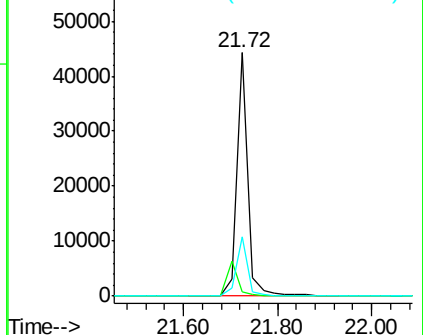
236 24.1 24.6 37.0#

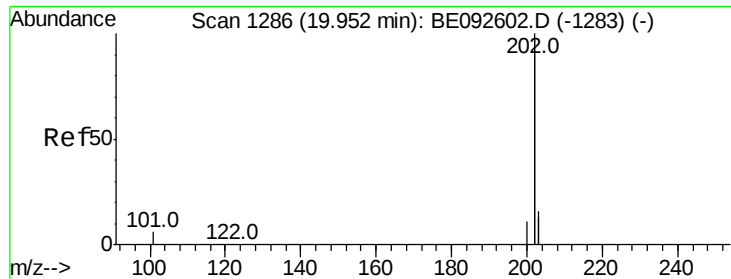


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.85 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

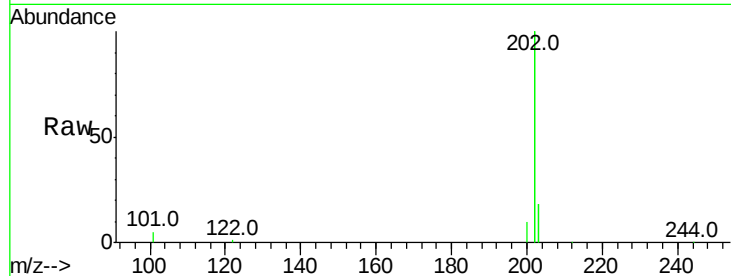
Tot Ion:202 Resp: 48823

Ion Ratio Lower Upper

202 100

200 5.2 4.2 6.4

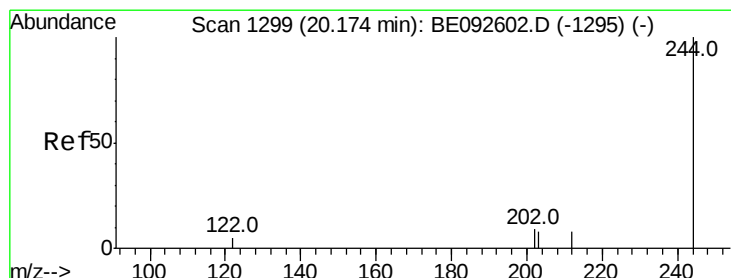
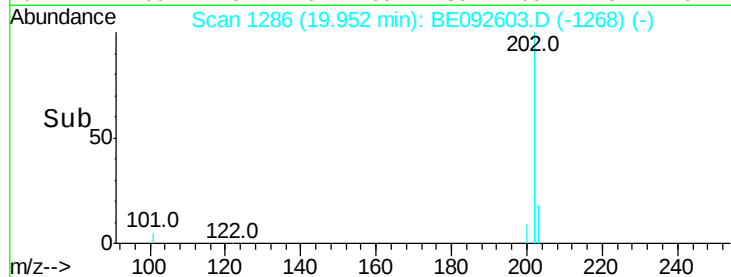
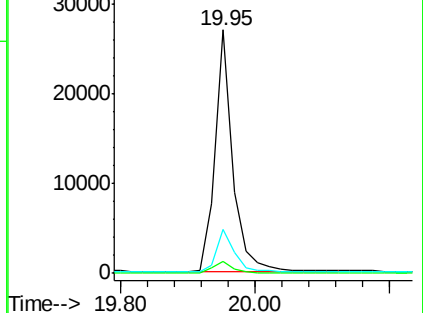
203 17.6 13.9 20.9



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: 0.84 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

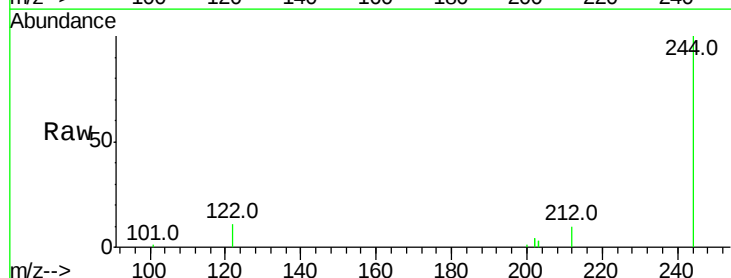
Tgt Ion:244 Resp: 6888

Ion Ratio Lower Upper

244 100

212 10.2 6.7 10.1#

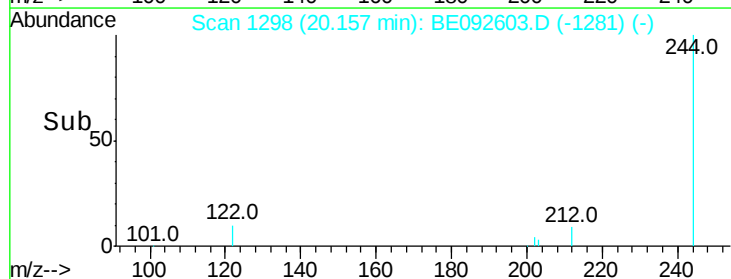
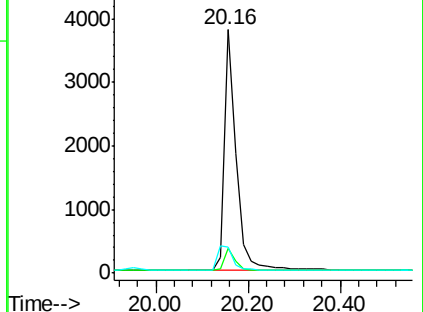
122 10.9 3.6 5.4#

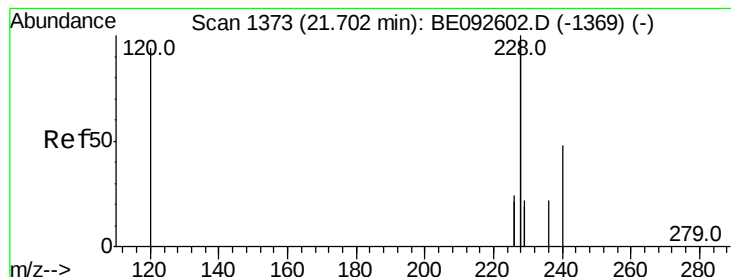


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.75 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

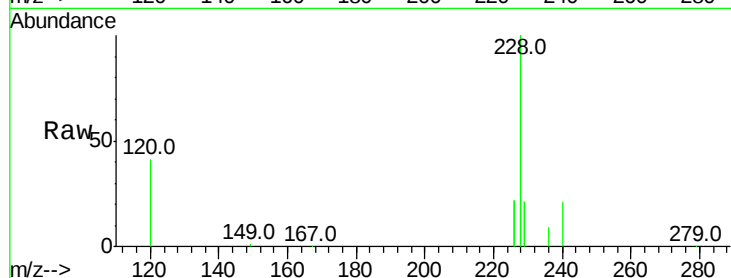
Tot Ion:228 Resp: 50471

Ion Ratio Lower Upper

228 100

226 22.1 23.6 35.4#

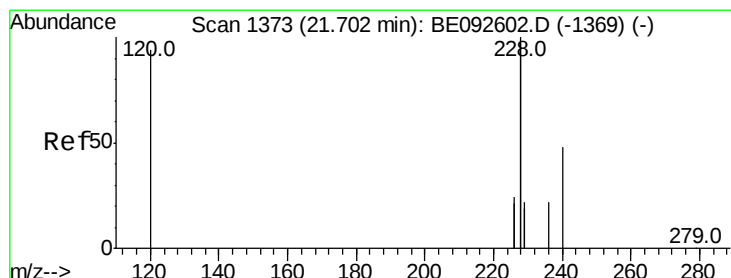
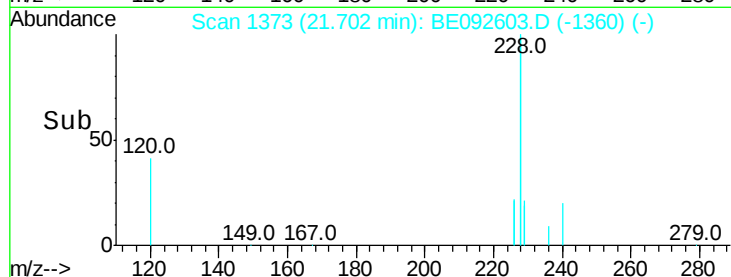
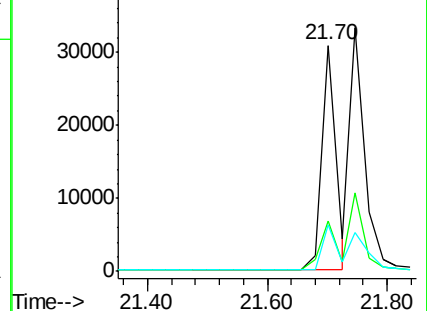
229 20.7 13.3 19.9#



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: 0.82 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.05 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

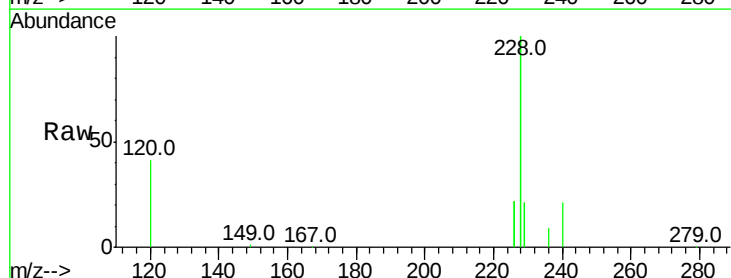
Tgt Ion:228 Resp: 50444

Ion Ratio Lower Upper

228 100

226 22.1 36.3 54.5#

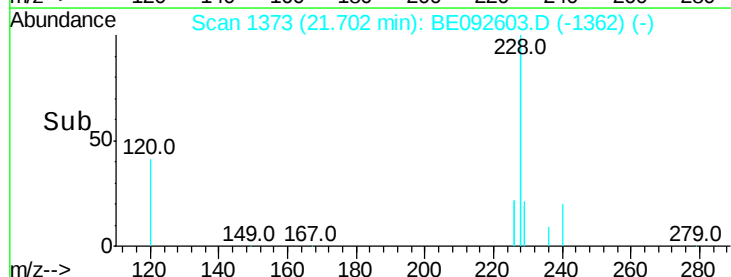
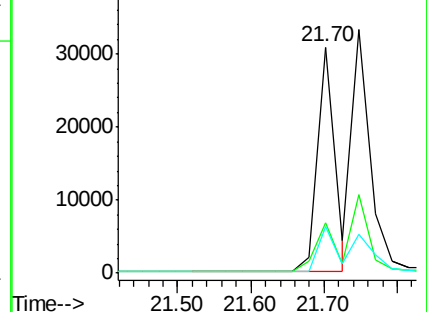
229 20.7 10.6 16.0#

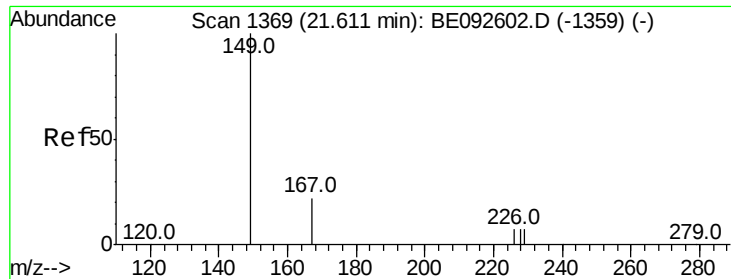


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 1.09 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

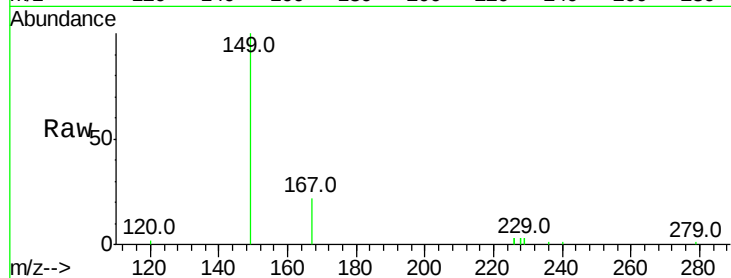
Tot Ion:149 Resp: 4771

Ion Ratio Lower Upper

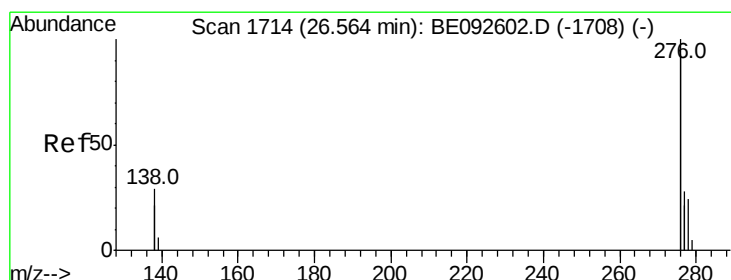
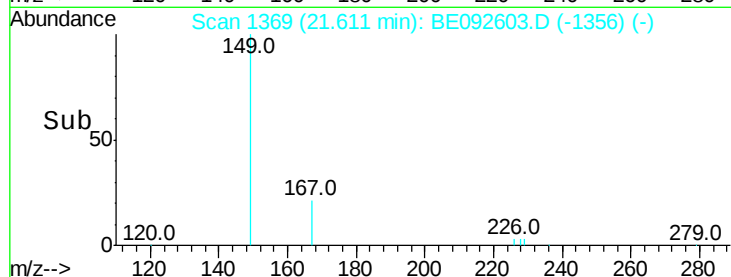
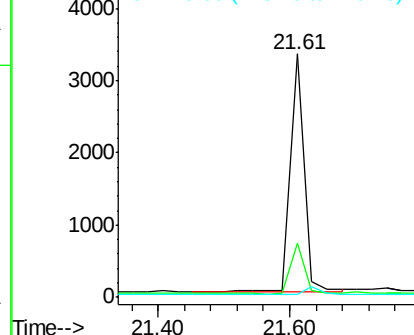
149 100

167 21.9 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: 0.78 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

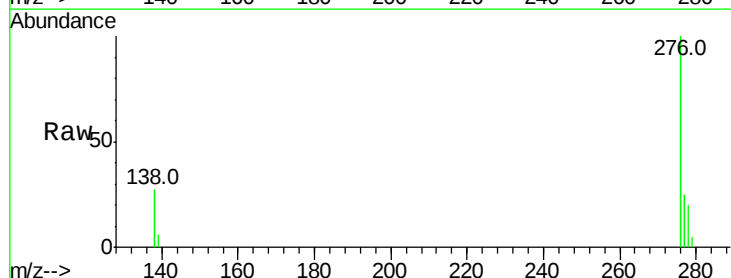
Tgt Ion:276 Resp: 53171

Ion Ratio Lower Upper

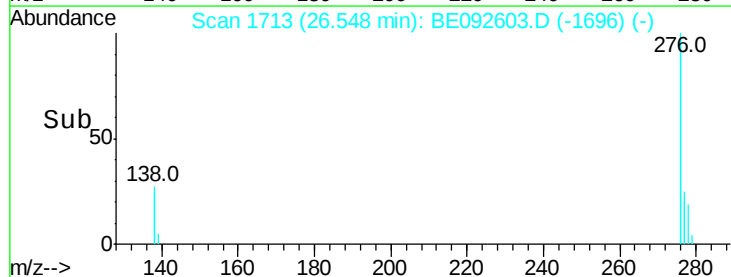
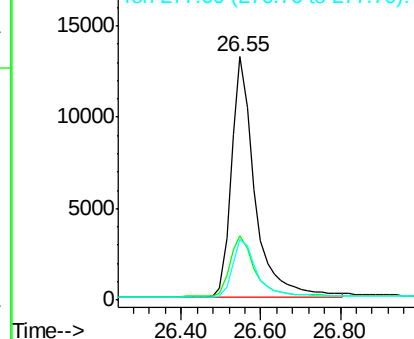
276 100

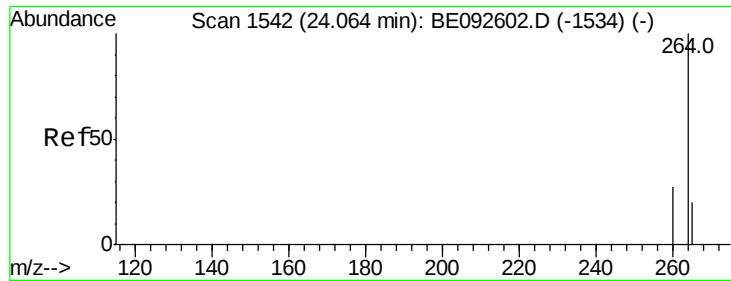
138 27.6 20.3 30.5

277 24.9 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

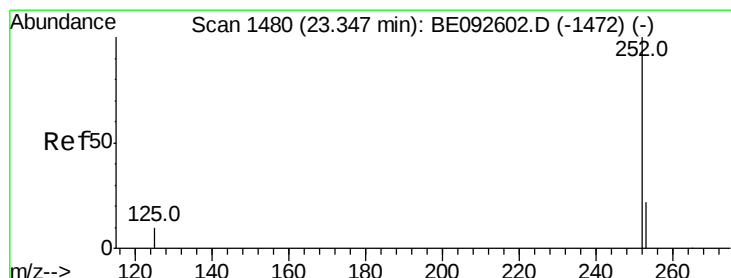
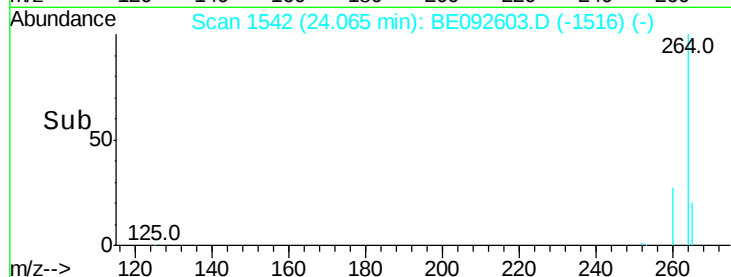
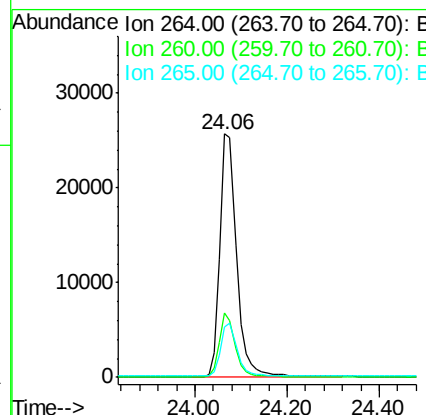
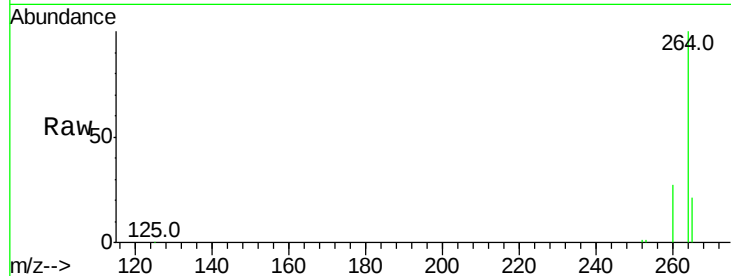




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

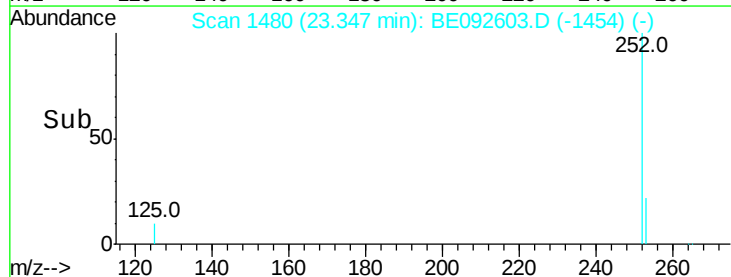
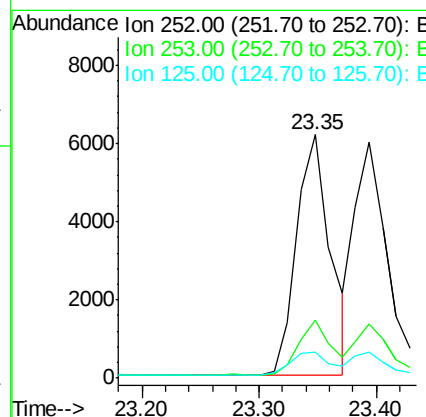
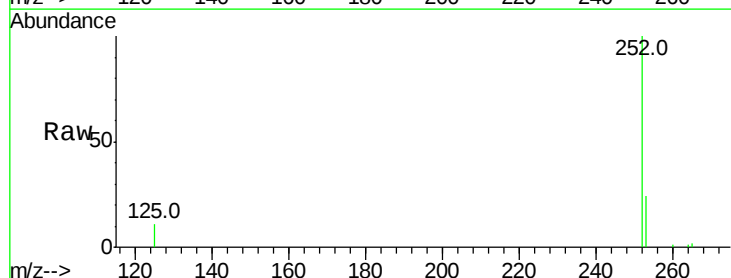
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

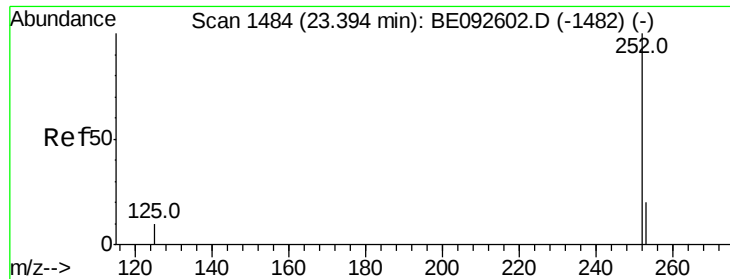
Tot Ion:264 Resp: 64706
Ion Ratio Lower Upper
264 100
260 26.7 20.1 30.1
265 20.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.79 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:252 Resp: 12335
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 10.9 10.5 15.7

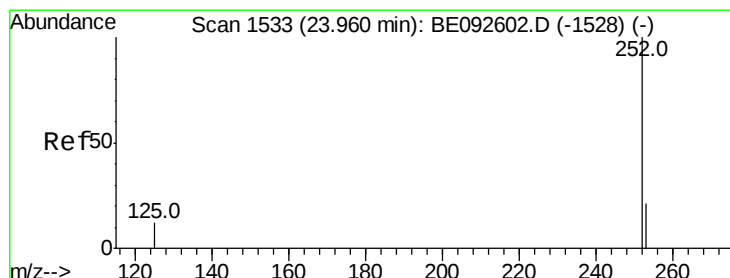
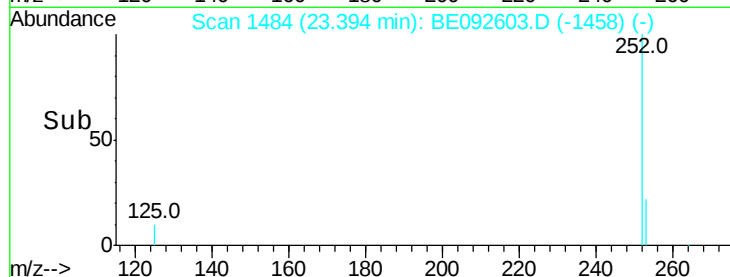
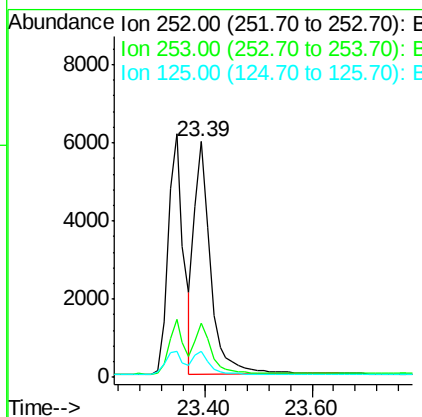
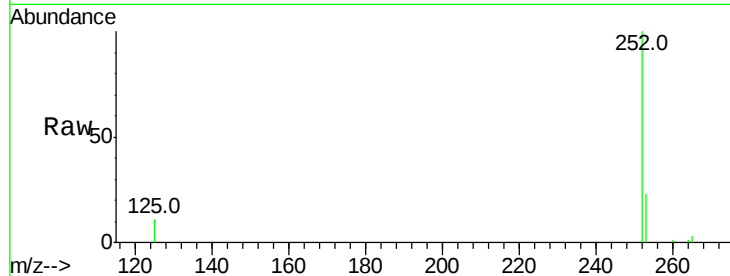




#33
Benzo(k)fluoranthene
Concen: 0.76 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

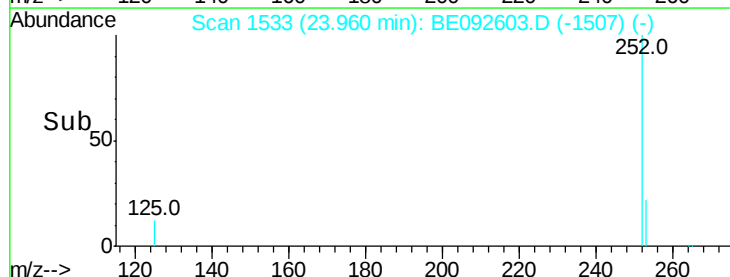
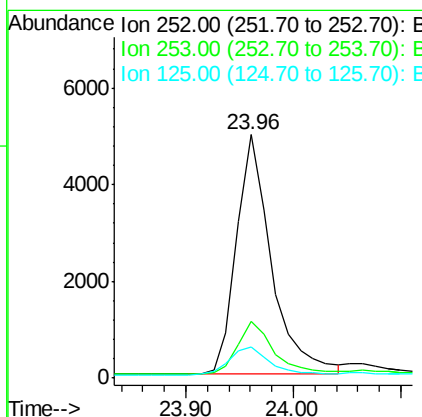
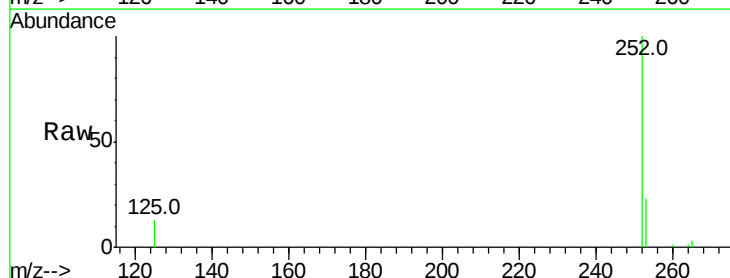
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

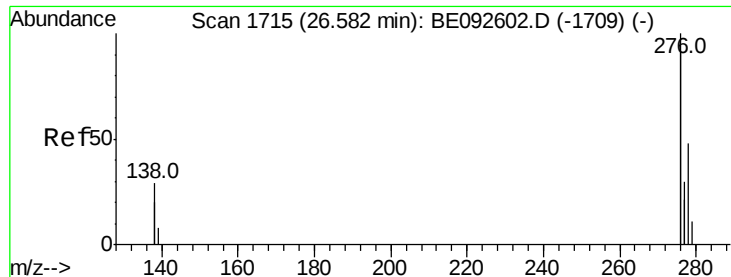
Tot Ion:252 Resp: 12478
Ion Ratio Lower Upper
252 100
253 23.2 20.3 30.5
125 11.1 9.6 14.4



#34
Benzo(a)pyrene
Concen: 0.77 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:252 Resp: 11234
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.6
125 12.8 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.74 ng

RT: 26.57 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

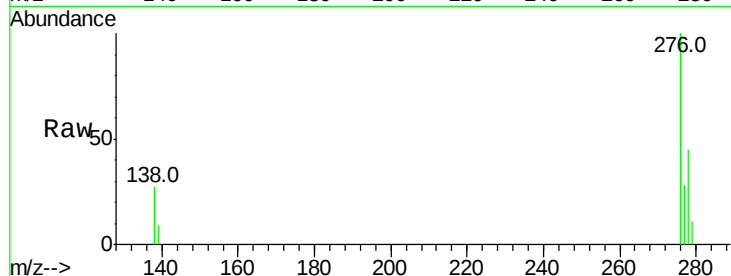
Tot Ion:278 Resp: 10646

Ion Ratio Lower Upper

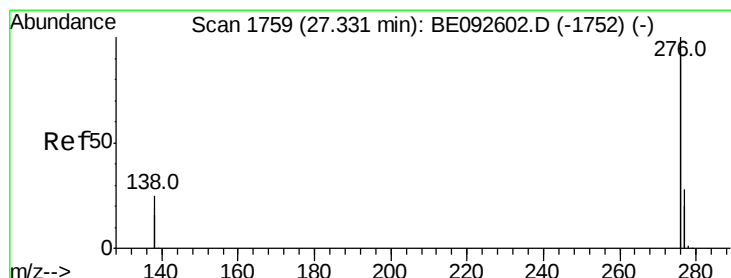
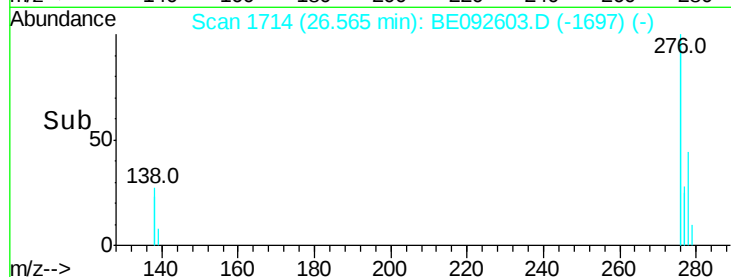
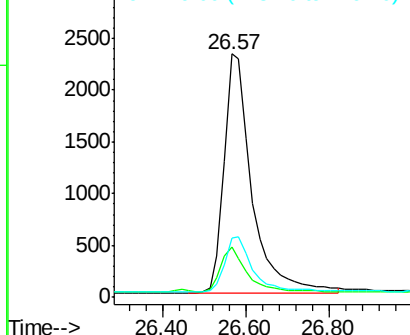
278 100

139 20.7 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: 0.76 ng

RT: 27.32 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BE092603.D

Acq: 19 Dec 2016 11:52

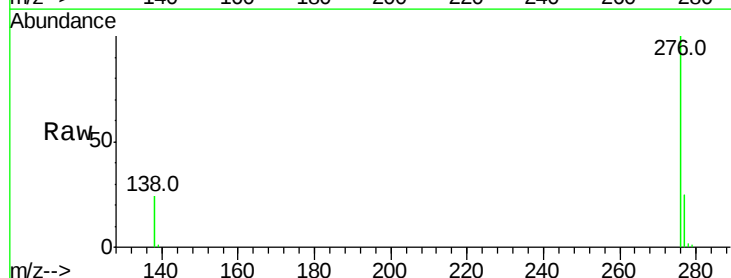
Tgt Ion:276 Resp: 46001

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 23.9 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

