

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
 Data File : BE092785.D
 Acq On : 6 Mar 2017 13:24
 Operator : SJ/MA
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Mar 06 14:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 14:29:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9783	5.00	ng	0.00
7) Naphthalene-d8	10.87	136	43694	5.00	ng	0.00
12) Acenaphthene-d10	14.75	164	28018	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	52162	5.00	ng	0.00
24) Chrysene-d12	21.68	240	81522	5.00	ng	0.00
31) Perylene-d12	24.01	264	71870	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	6668	3.50	ng	0.00
5) Phenol-d6	7.27	99	8890	3.81	ng	-0.02
8) Nitrobenzene-d5	9.27	82	8989	3.69	ng	-0.02
13) 2,4,6-Tribromophenol	16.25	330	2491	4.19	ng	-0.01
14) 2-Fluorobiphenyl	13.36	172	21149	3.10	ng	-0.02
26) Terphenyl-d14	20.11	244	28422	2.73	ng	-0.02

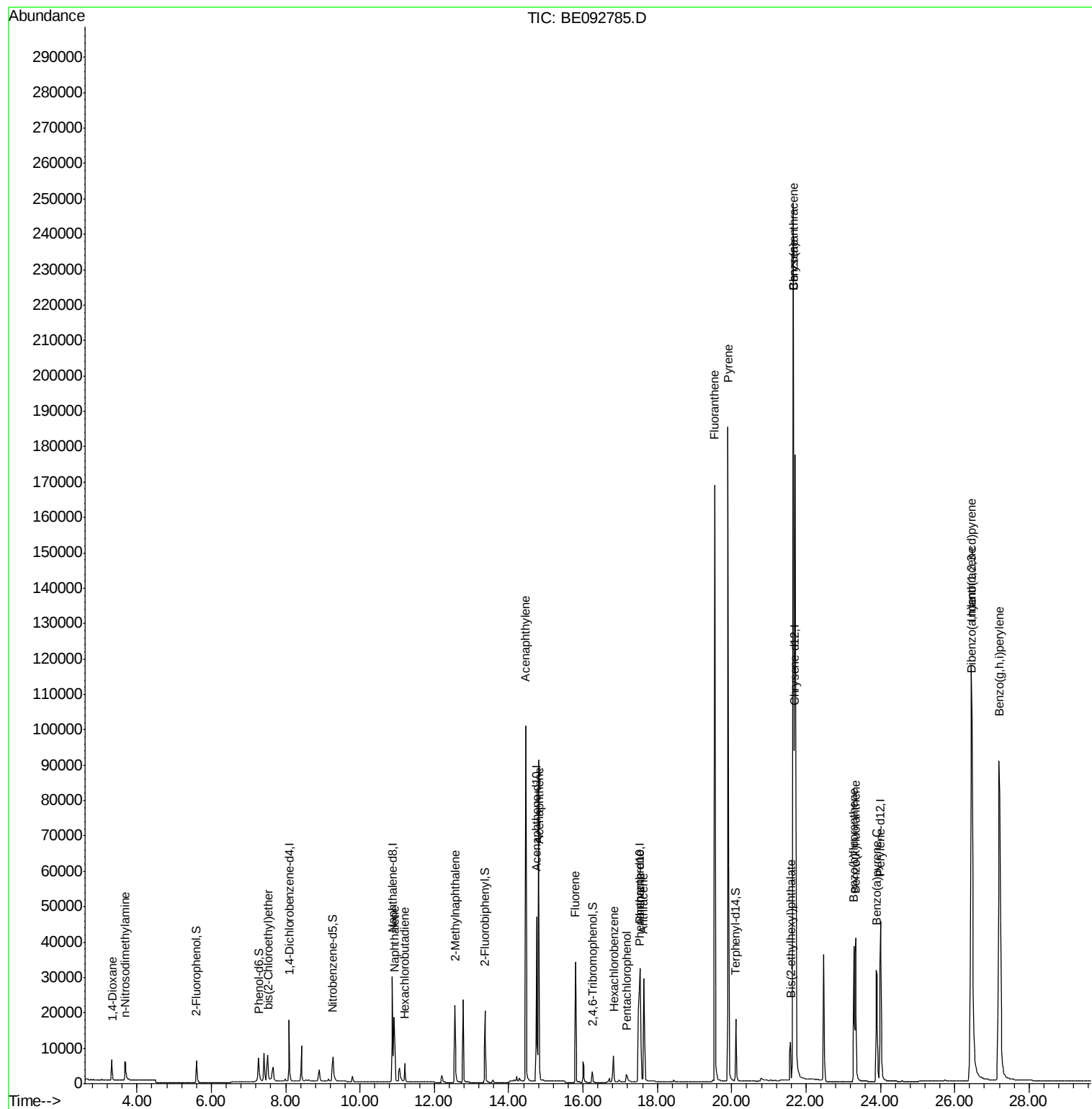
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3779	2.72	ng	95
3) n-Nitrosodimethylamine	3.68	42	5378	3.71	ng	98
6) bis(2-Chloroethyl)ether	7.52	93	8935	3.46	ng	# 28
9) Naphthalene	10.91	128	29499	3.12	ng	# 95
10) Hexachlorobutadiene	11.20	225	4193	3.02	ng	100
11) 2-Methylnaphthalene	12.55	142	19447	3.27	ng	# 87
15) Acenaphthylene	14.46	152	134614	3.18	ng	100
16) Acenaphthene	14.82	154	19547	3.18	ng	91
17) Fluorene	15.80	166	25656	3.25	ng	99
19) Hexachlorobenzene	16.82	284	7308	3.63	ng	# 66
20) Pentachlorophenol	17.17	266	2509	5.67	ng	# 84
21) Phenanthrene	17.53	178	42864	3.46	ng	# 94
22) Anthracene	17.63	178	43354	3.80	ng	98
23) Fluoranthene	19.54	202	203076	3.82	ng	98
25) Pyrene	19.90	202	224540	2.89	ng	100
27) Benzo(a)anthracene	21.66	228	487198	6.16	ng	95
28) Chrysene	21.66	228	488814	5.21	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.59	149	19263	1.75	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.45	276	264484	2.50	ng	97
32) Benzo(b)fluoranthene	23.28	252	63780	3.14	ng	94
33) Benzo(k)fluoranthene	23.34	252	56957	2.65	ng	95
34) Benzo(a)pyrene	23.89	252	57848	3.13	ng	94
35) Dibenzo(a,h)anthracene	26.46	278	55770	2.86	ng	95
36) Benzo(g,h,i)perylene	27.20	276	231682	2.81	ng	98

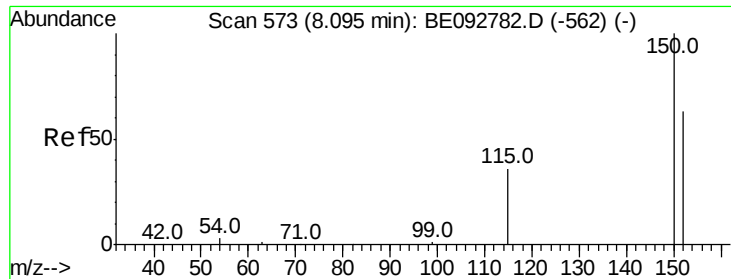
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

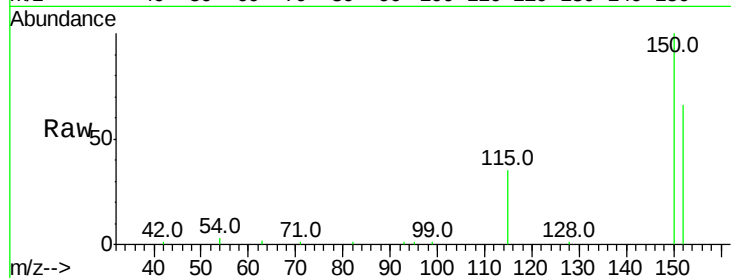
Tot Ion:152 Resp: 9783

Ion Ratio Lower Upper

152 100

150 151.1 106.0 159.0

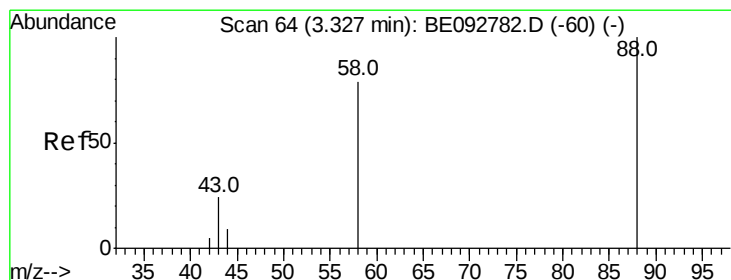
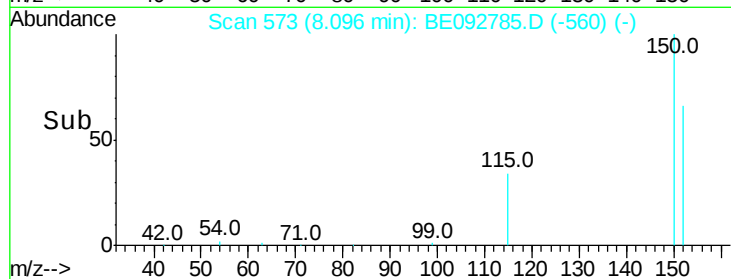
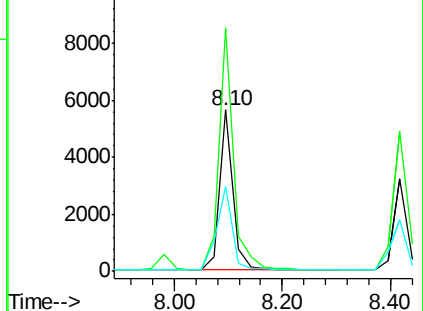
115 52.7 31.2 46.8#



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: 2.72 ng

RT: 3.33 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

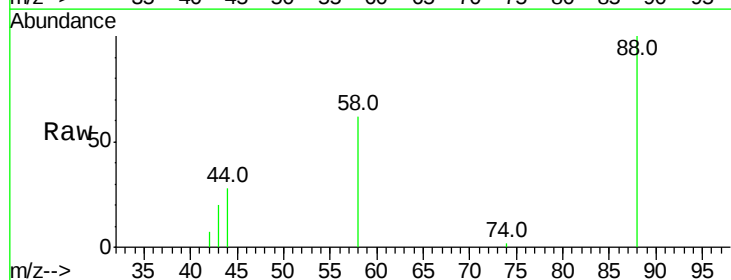
Tgt Ion: 88 Resp: 3779

Ion Ratio Lower Upper

88 100

58 85.1 63.6 95.4

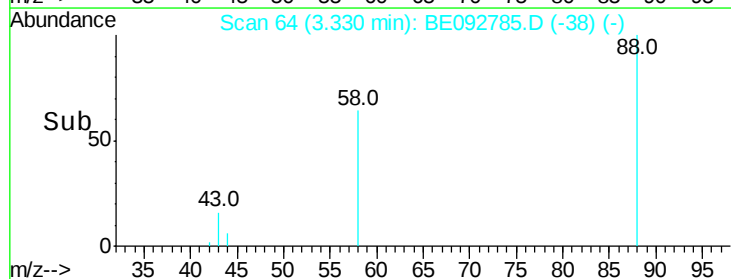
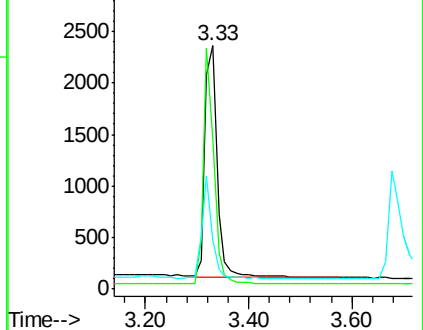
43 36.7 28.0 42.0

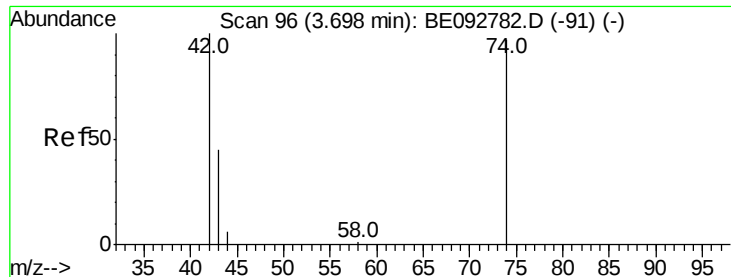


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.71 ng

RT: 3.68 min Scan# 94

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

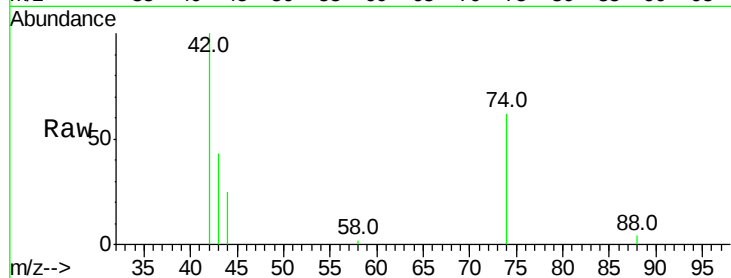
Tot Ion: 42 Resp: 5378

Ion Ratio Lower Upper

42 100

74 105.7 86.0 129.0

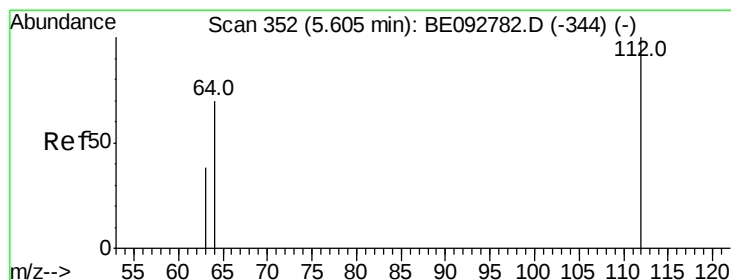
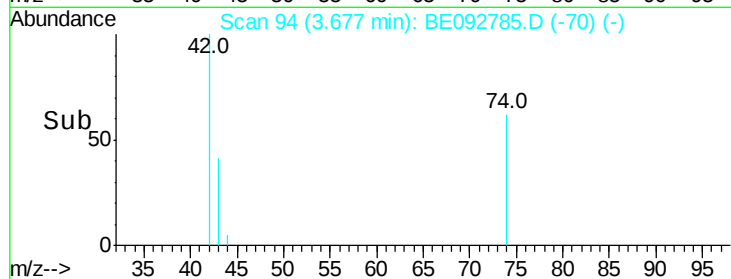
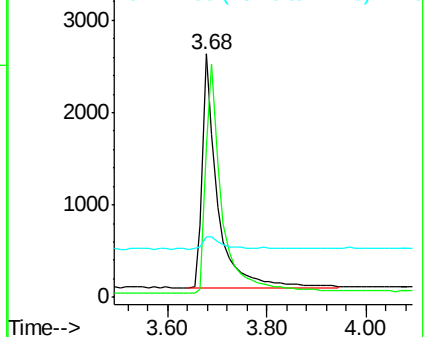
44 6.7 5.1 7.7



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: 3.50 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

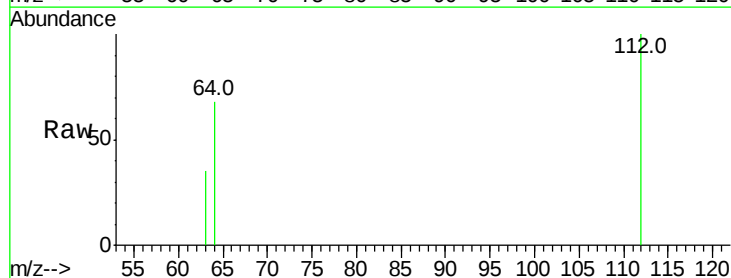
Tgt Ion: 112 Resp: 6668

Ion Ratio Lower Upper

112 100

64 68.0 53.5 80.3

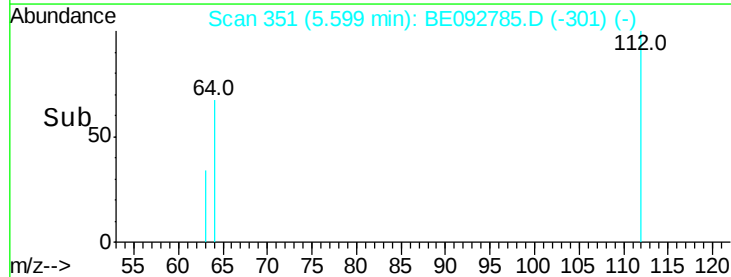
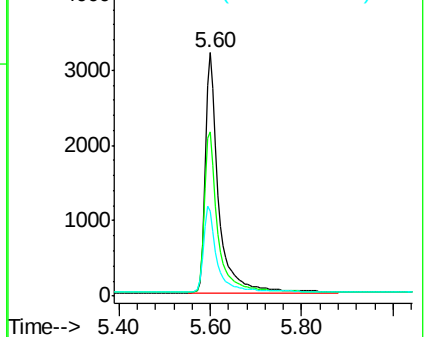
63 36.7 27.9 41.9

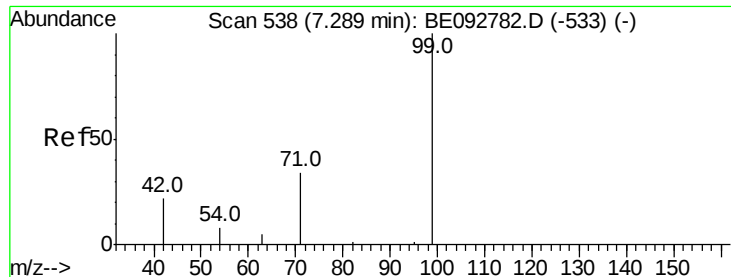


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.81 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

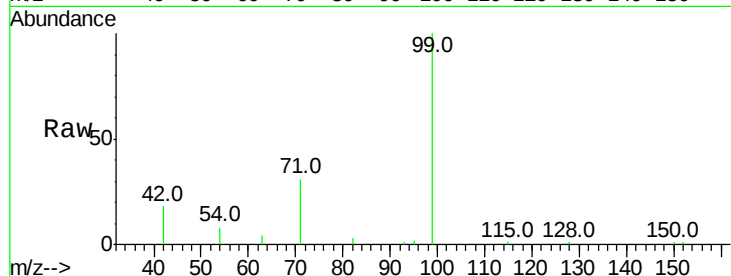
Tot Ion: 99 Resp: 8890

Ion Ratio Lower Upper

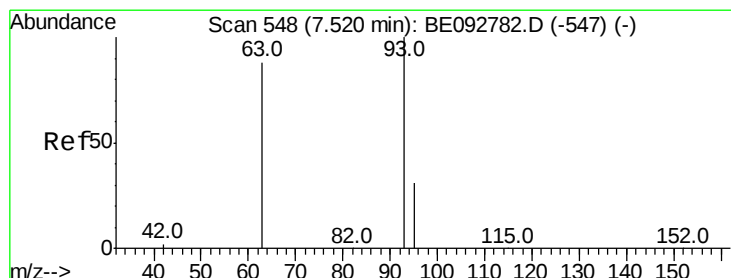
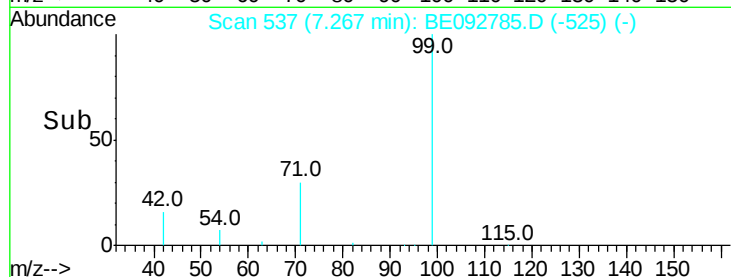
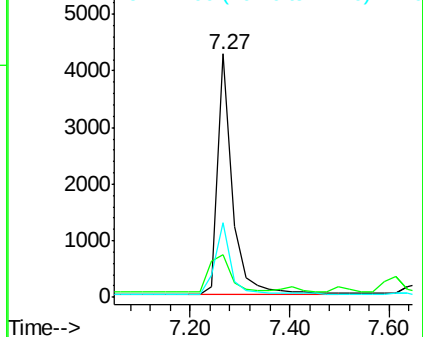
99 100

42 24.2 16.0 24.0#

71 32.8 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: 3.46 ng

RT: 7.52 min Scan# 548

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

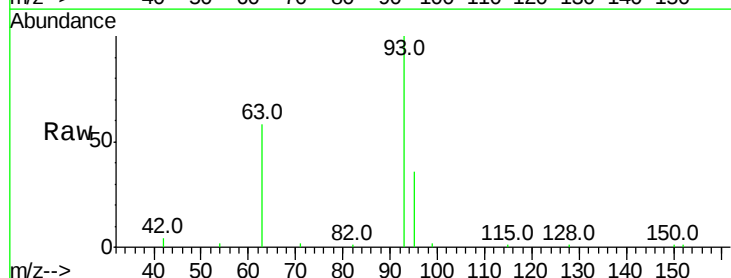
Tgt Ion: 93 Resp: 8935

Ion Ratio Lower Upper

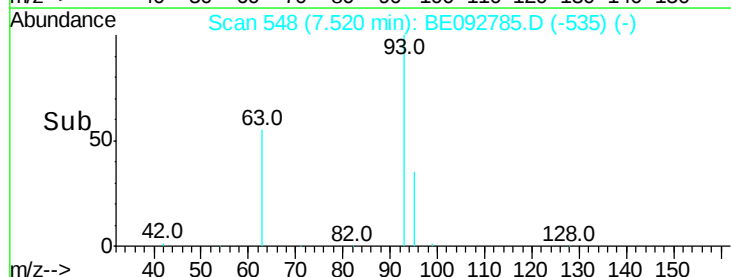
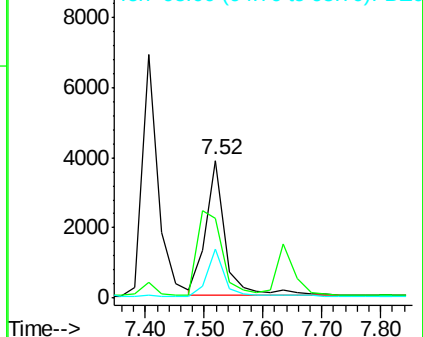
93 100

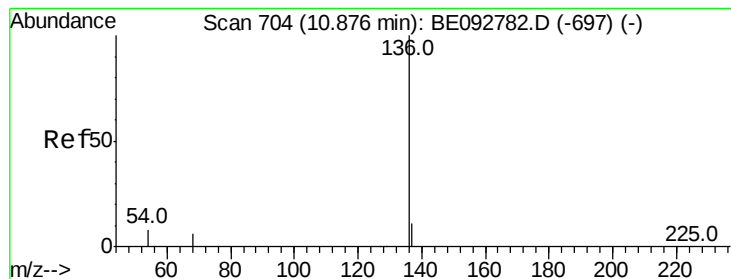
63 0.0 71.6 107.4#

95 31.6 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: 10.87 min Scan# 704

Delta R.T. -0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 43694

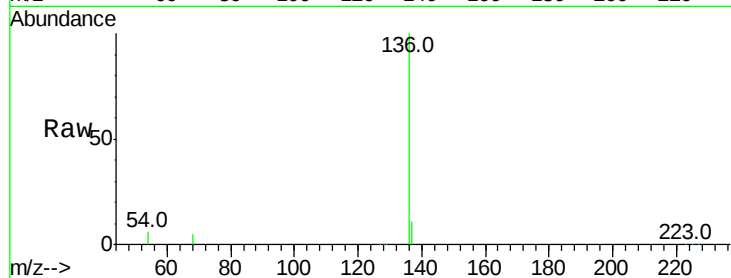
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 6.4 9.6 14.4#

68 4.9 6.7 10.1#

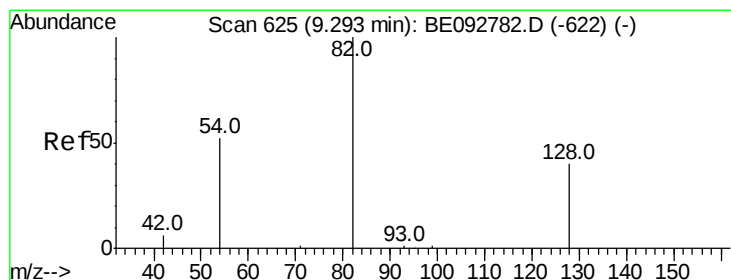
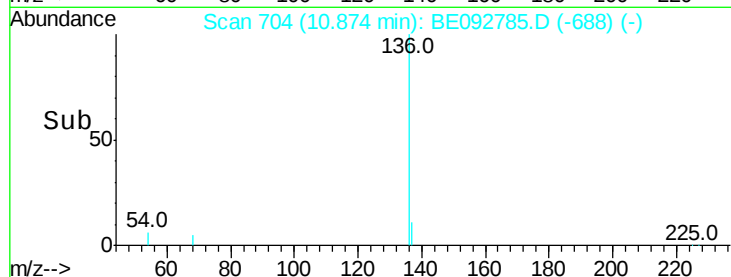
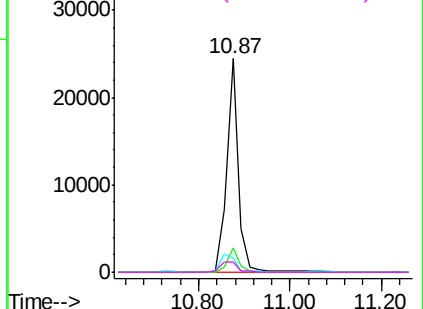


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.69 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

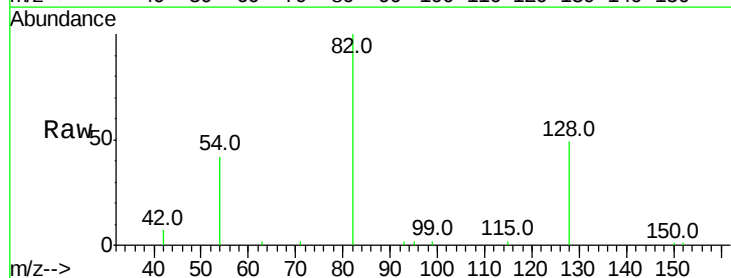
Tgt Ion: 82 Resp: 8989

Ion Ratio Lower Upper

82 100

128 49.2 39.0 58.4

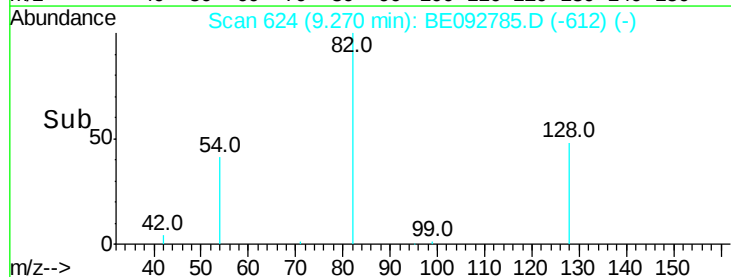
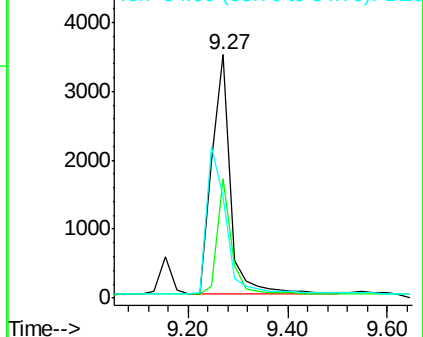
54 41.8 44.8 67.2#

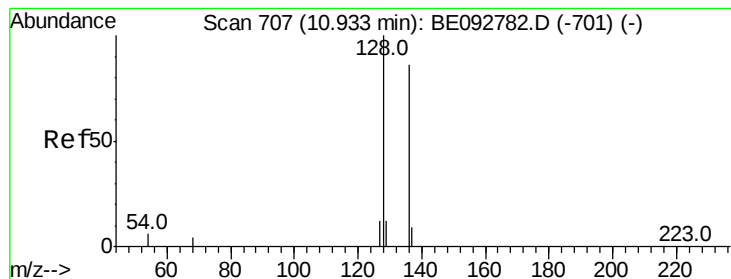


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.12 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

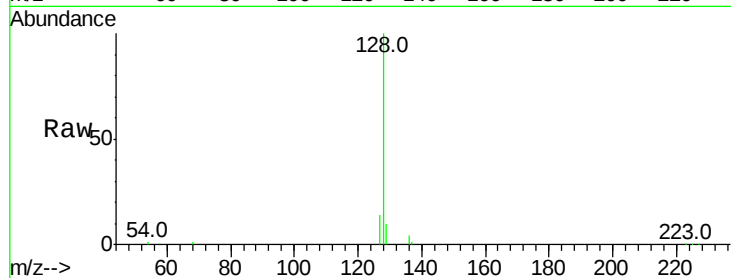
Tot Ion:128 Resp: 29499

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

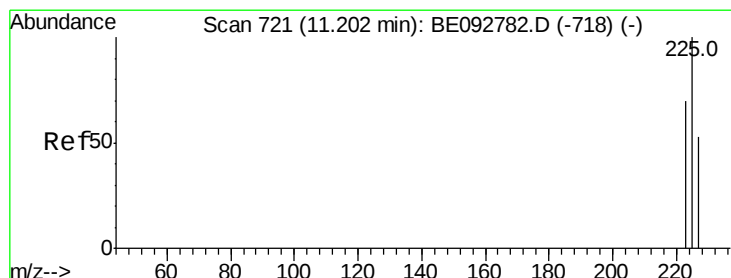
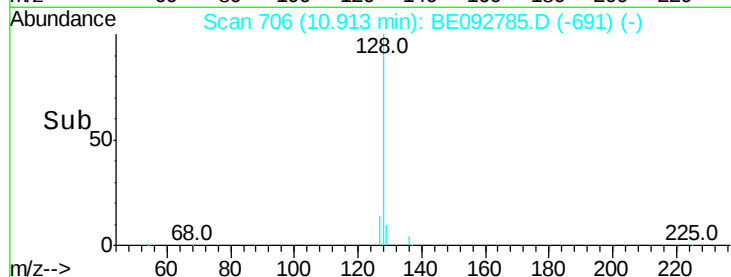
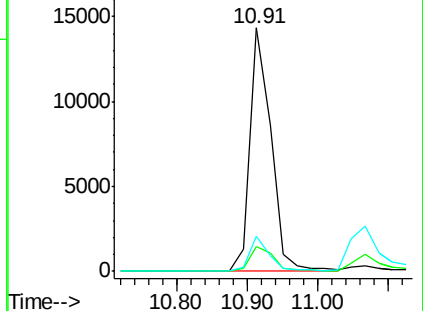
127 14.1 11.6 17.4



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: 3.02 ng

RT: 11.20 min Scan# 721

Delta R.T. -0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

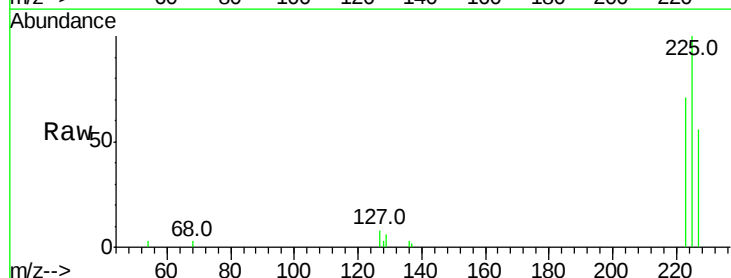
Tgt Ion:225 Resp: 4193

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

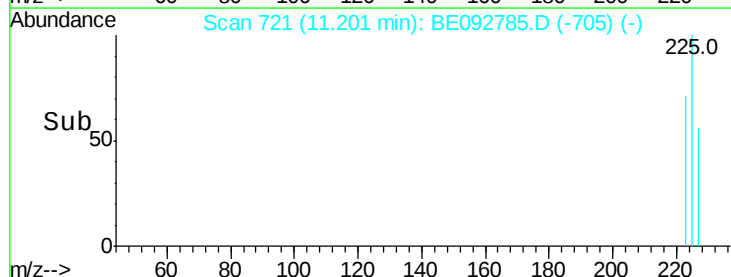
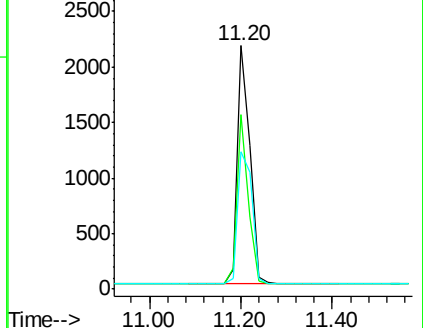
227 64.2 51.4 77.0

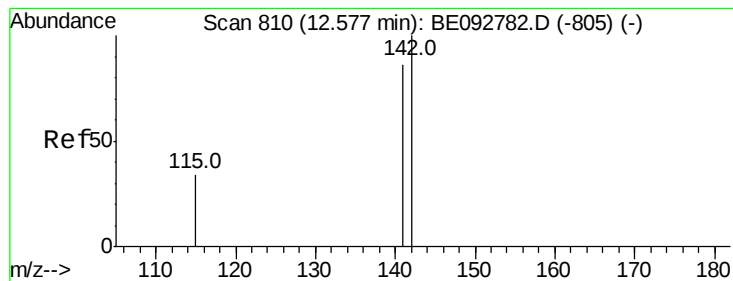


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.27 ng

RT: 12.55 min Scan# 808

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

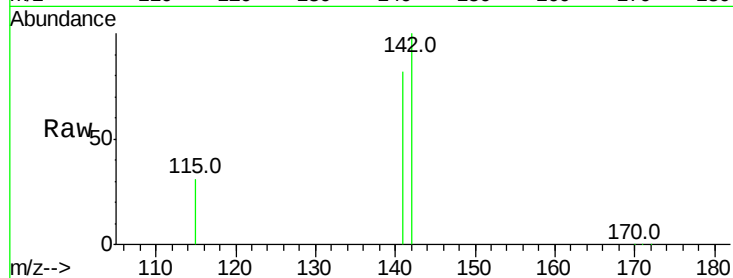
Tot Ion:142 Resp: 19447

Ion Ratio Lower Upper

142 100

141 82.4 73.7 110.5

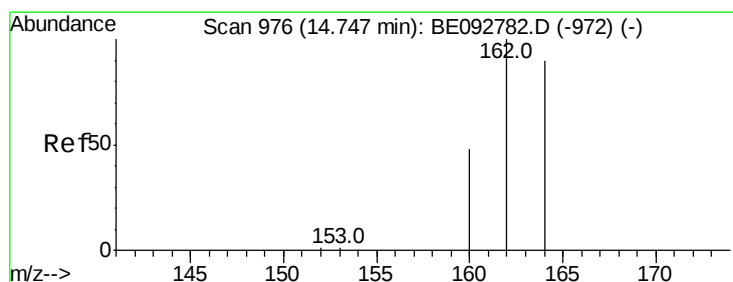
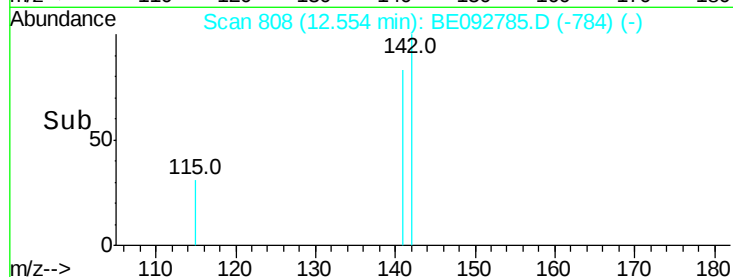
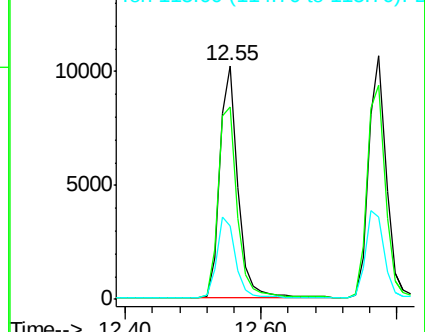
115 31.2 34.0 51.0#



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: 14.75 min Scan# 976

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

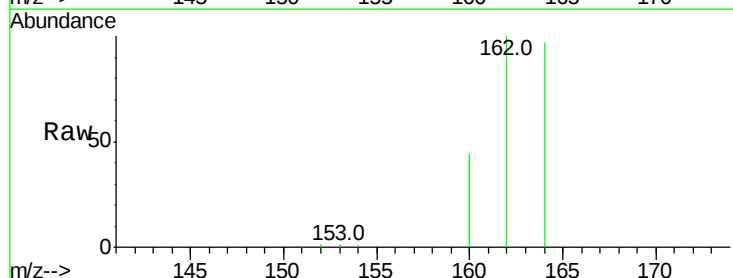
Tgt Ion:164 Resp: 28018

Ion Ratio Lower Upper

164 100

162 103.5 71.4 107.0

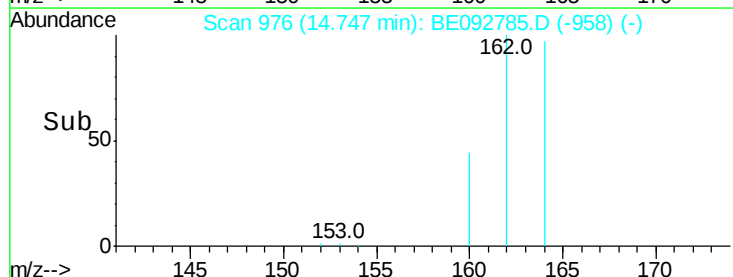
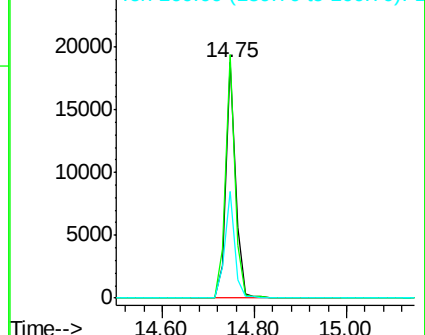
160 45.5 27.4 41.2#

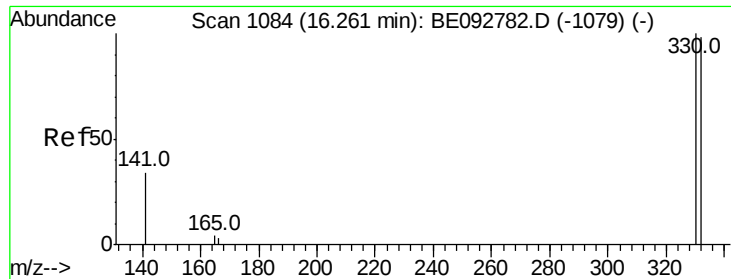


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

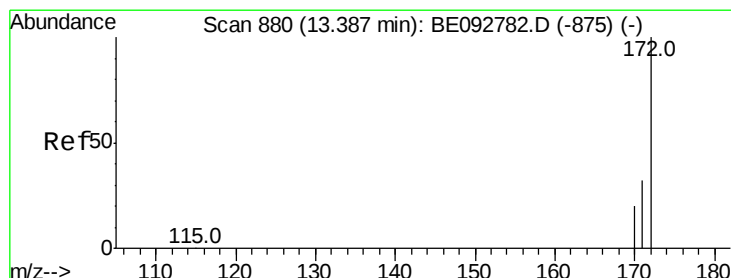
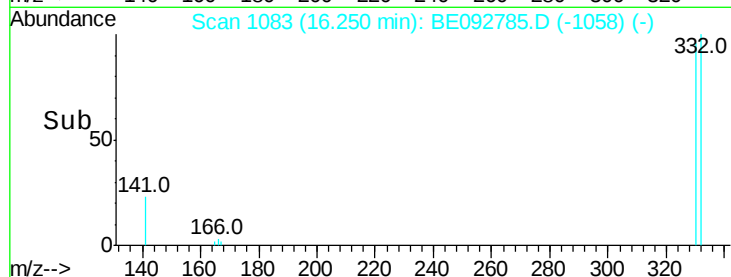
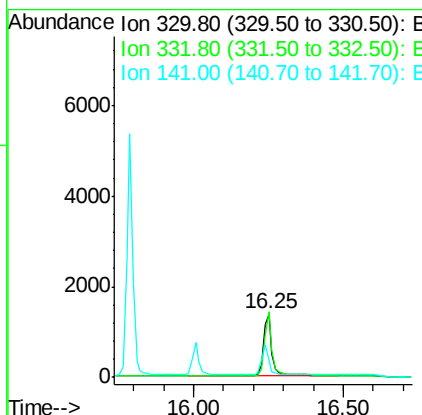
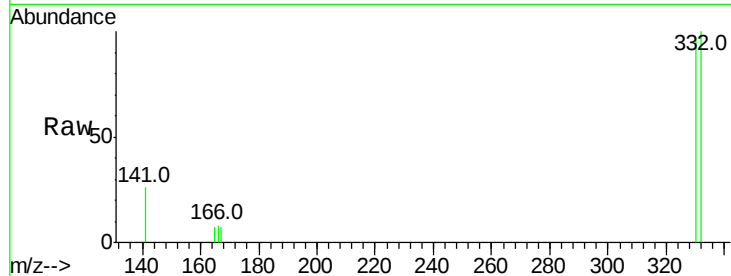




#13
 2,4,6-Tribromophenol
 Concen: 4.19 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BE092785.D
 Acq: 6 Mar 2017 13:24

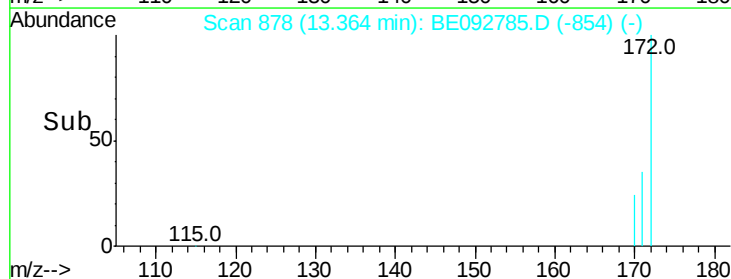
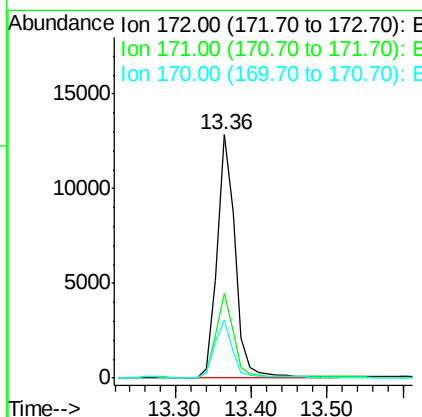
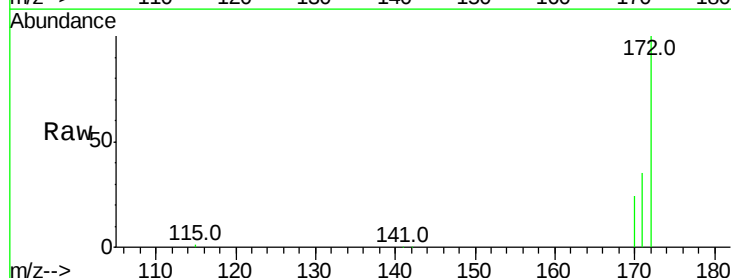
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

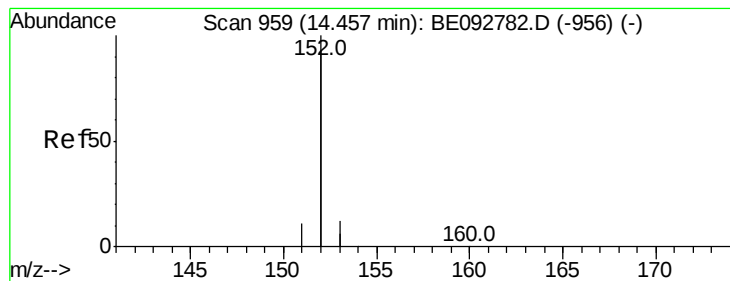
Tot Ion:330 Resp: 2491
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.0
 141 41.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.10 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BE092785.D
 Acq: 6 Mar 2017 13:24

Tgt Ion:172 Resp: 21149
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.1 45.1
 170 23.8 21.8 32.6





#15

Acenaphthylene

Concen: 3.18 ng

RT: 14.46 min Scan# 959

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

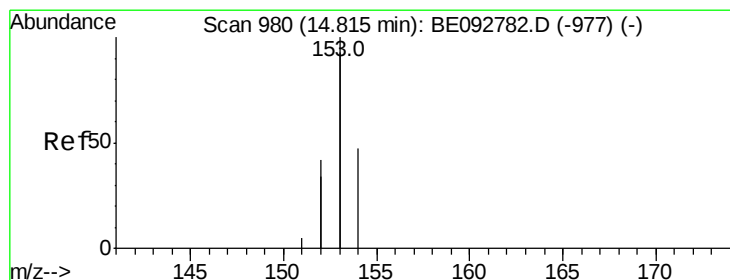
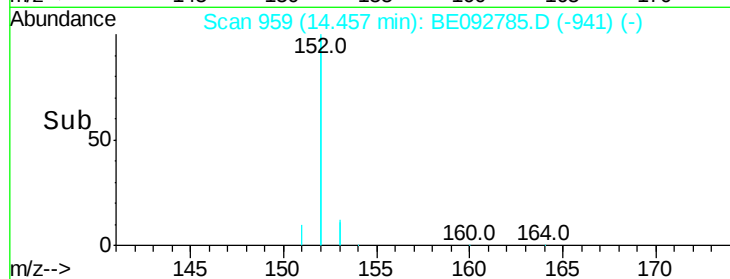
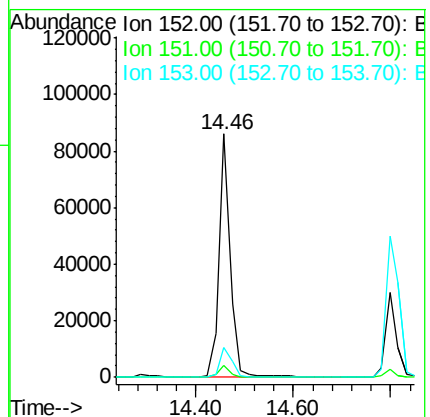
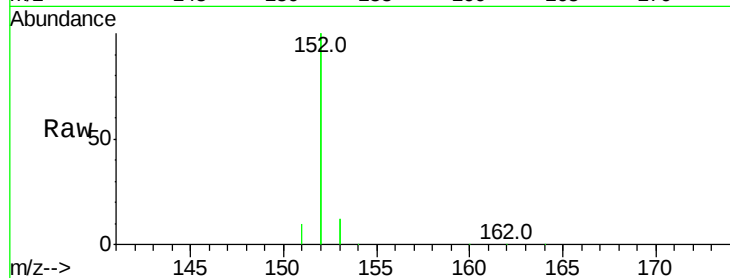
Tot Ion:152 Resp: 134614

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 3.18 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

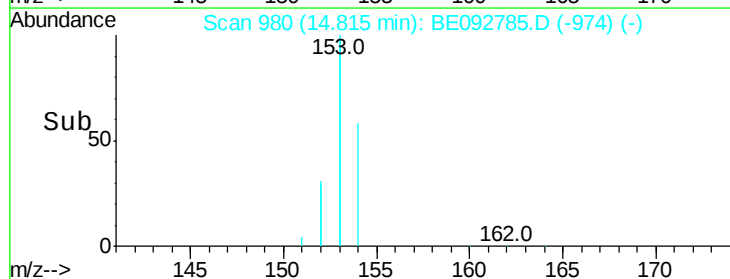
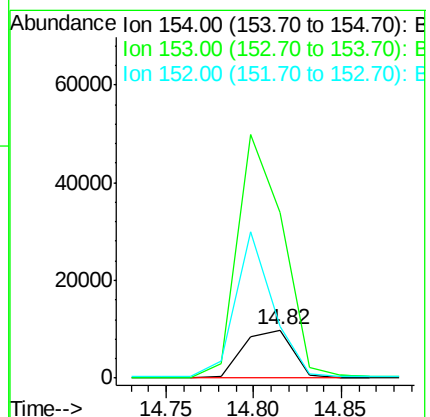
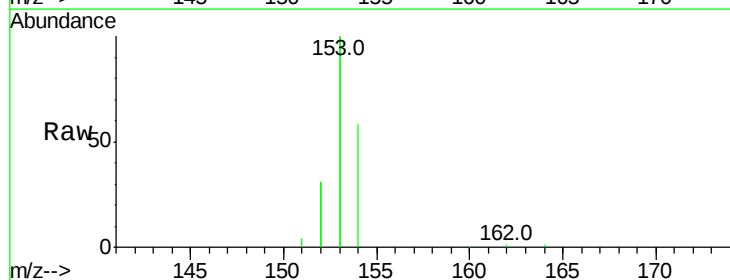
Tgt Ion:154 Resp: 19547

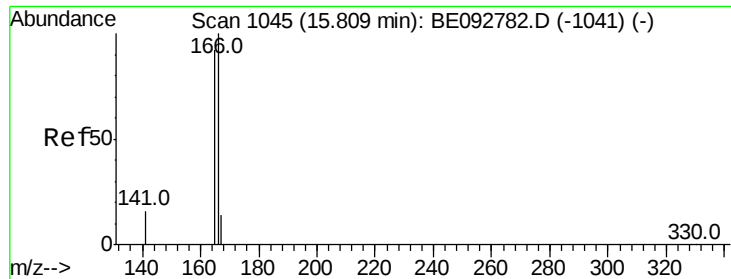
Ion Ratio Lower Upper

154 100

153 460.6 350.8 526.2

152 229.4 171.1 256.7

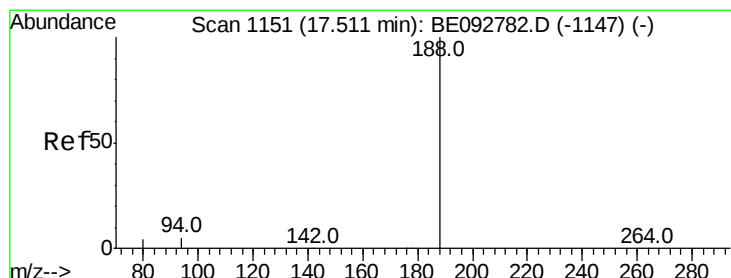
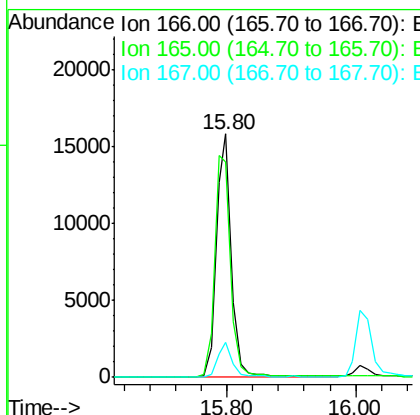
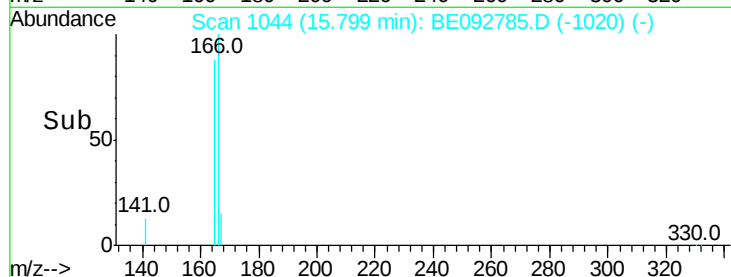
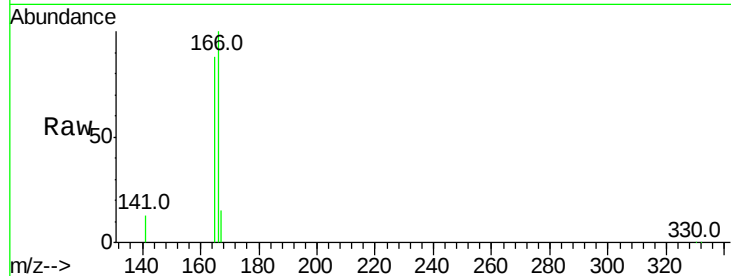




#17
Fluorene
Concen: 3.25 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BE092785.D
Acq: 6 Mar 2017 13:24

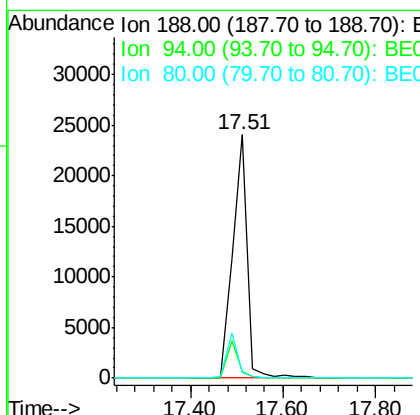
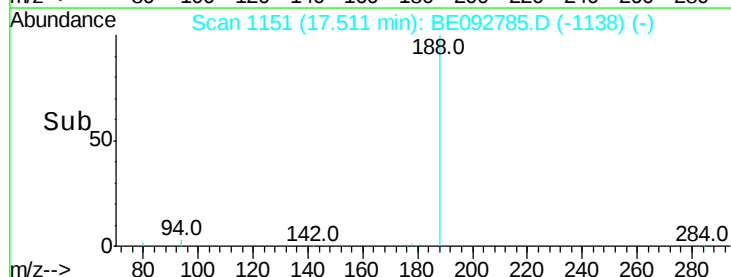
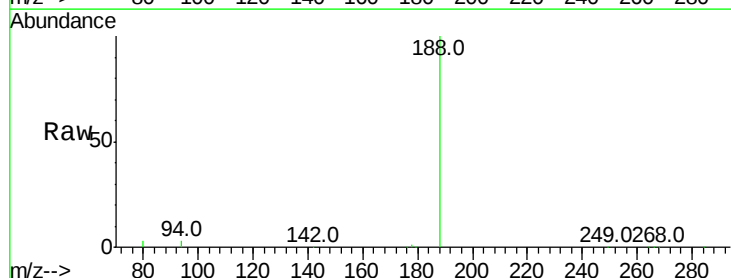
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

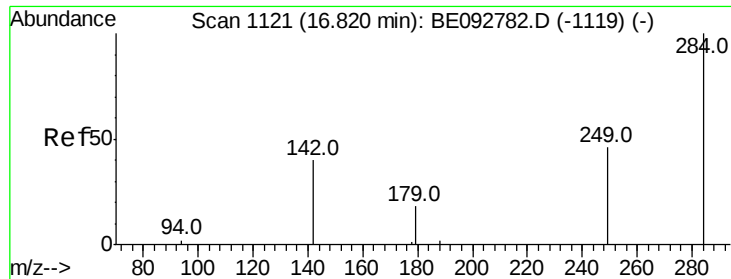
Tot Ion:166 Resp: 25656
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.4
167 13.4 11.0 16.4



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092785.D
Acq: 6 Mar 2017 13:24

Tgt Ion:188 Resp: 52162
Ion Ratio Lower Upper
188 100
94 3.0 3.2 4.8#
80 2.5 2.6 3.8#





#19

Hexachlorobenzene

Concen: 3.63 ng

RT: 16.82 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

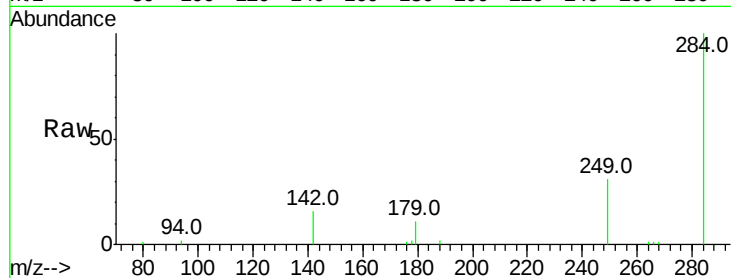
Tot Ion:284 Resp: 7308

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

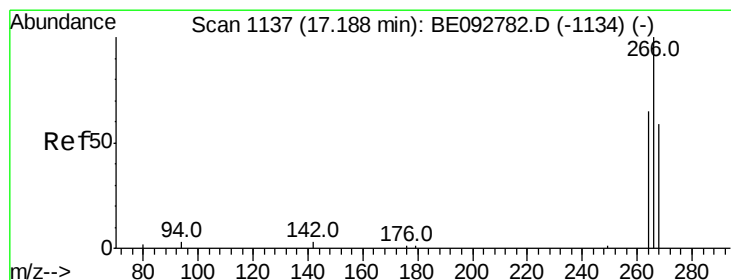
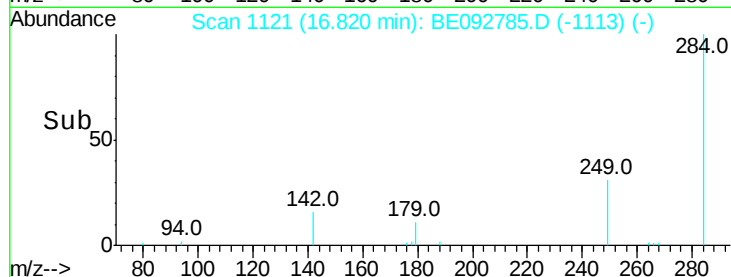
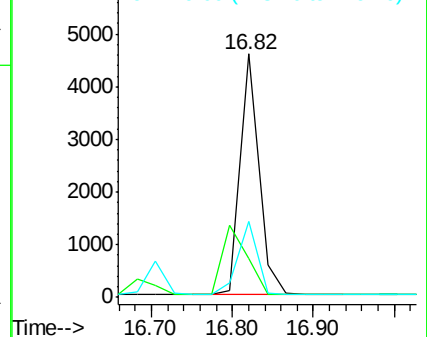
249 31.7 27.9 41.9



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: 5.67 ng

RT: 17.17 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

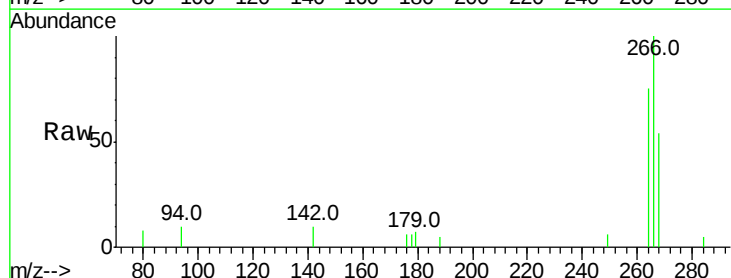
Tgt Ion:266 Resp: 2509

Ion Ratio Lower Upper

266 100

268 54.1 62.5 93.7#

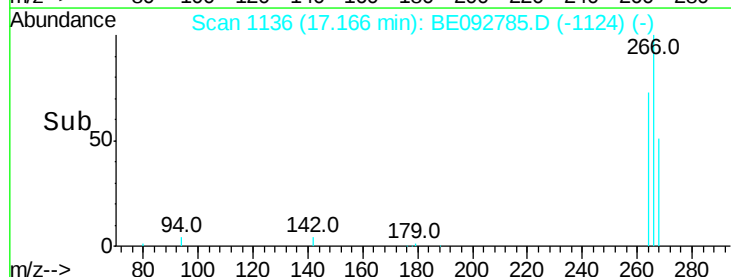
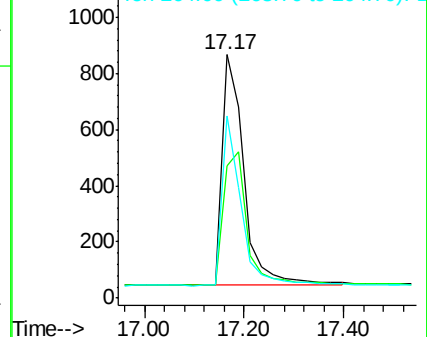
264 74.6 57.2 85.8

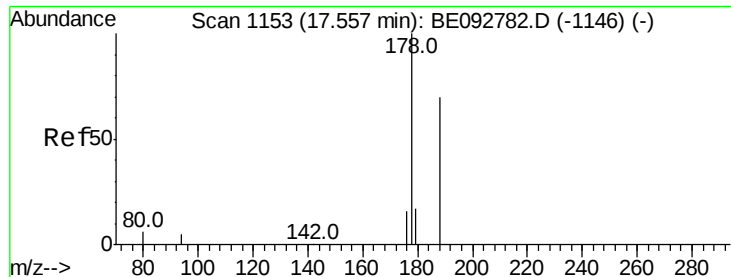


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 3.46 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

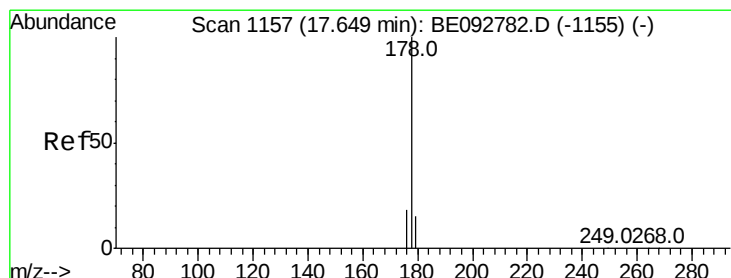
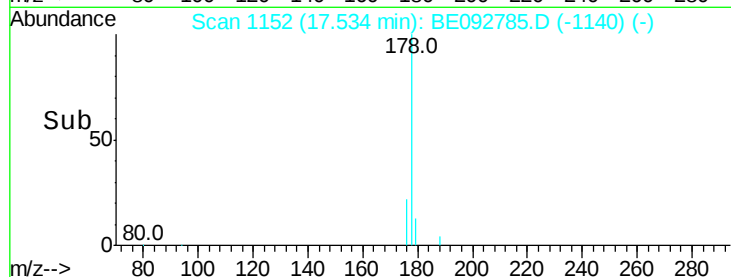
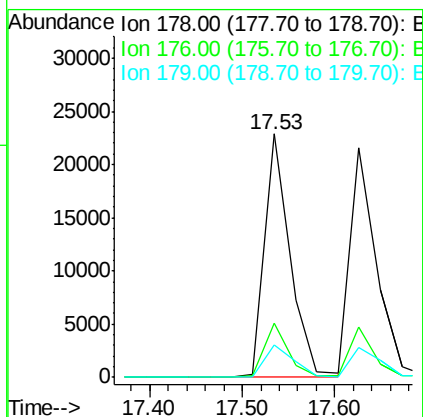
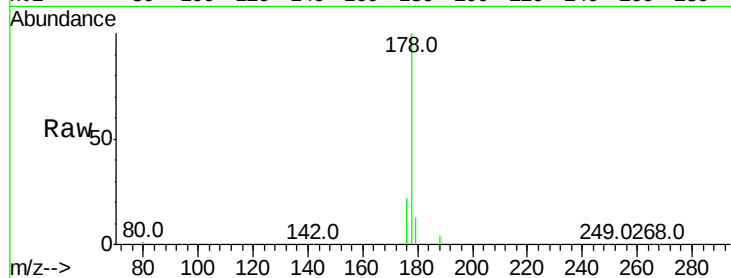
Tot Ion:178 Resp: 42864

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 14.8 16.0 24.0#



#22

Anthracene

Concen: 3.80 ng

RT: 17.63 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

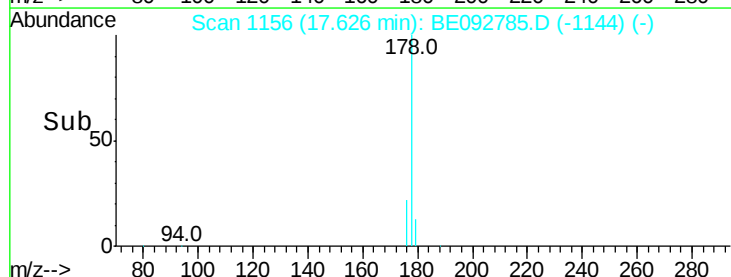
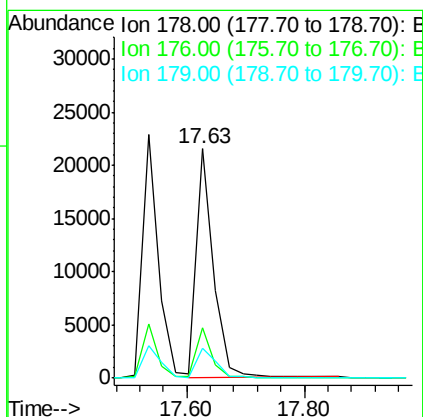
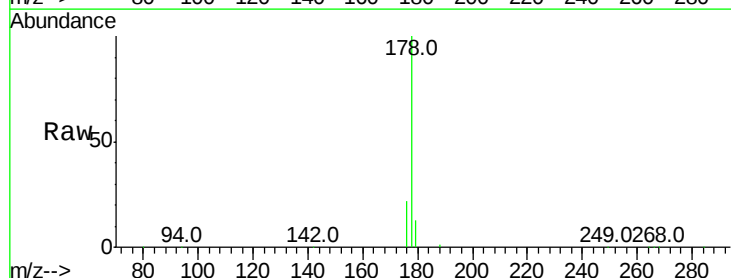
Tgt Ion:178 Resp: 43354

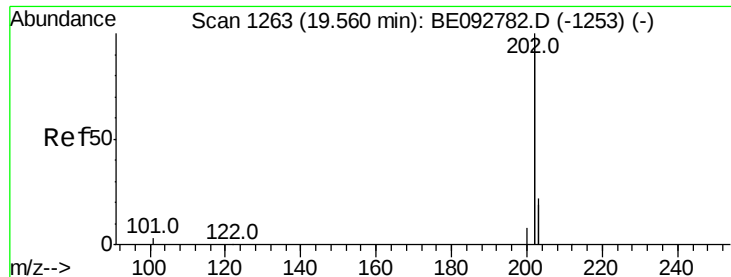
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

179 14.9 12.2 18.2





#23

Fluoranthene

Concen: 3.82 ng

RT: 19.54 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

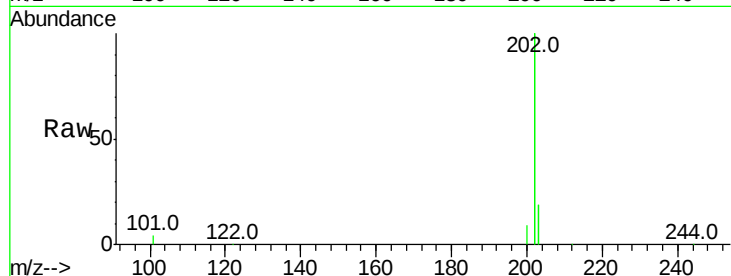
Tot Ion:202 Resp: 203076

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

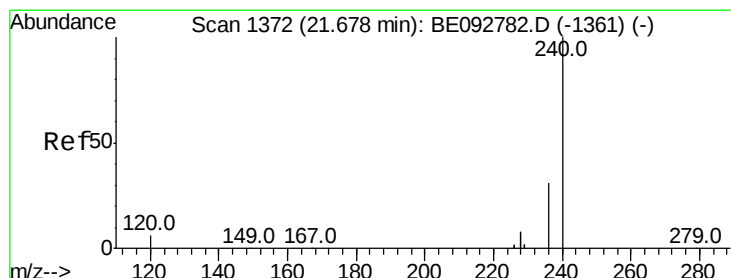
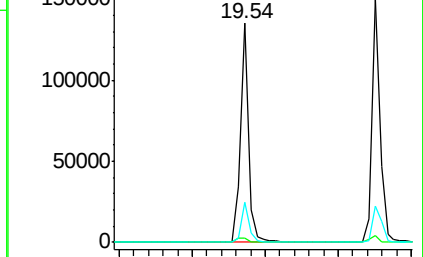
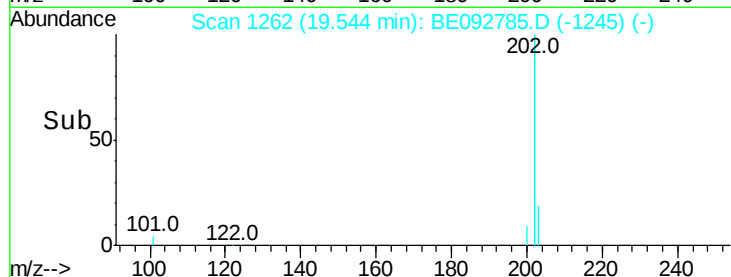
203 18.0 13.7 20.5



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: 21.68 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

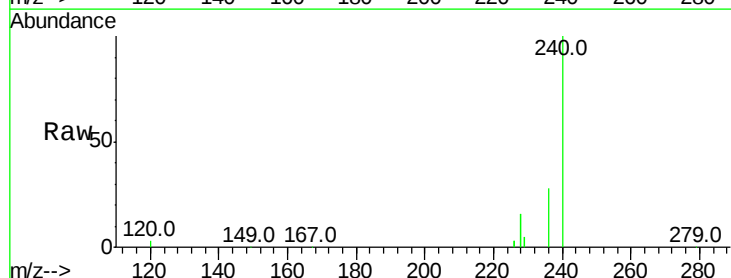
Tgt Ion:240 Resp: 81522

Ion Ratio Lower Upper

240 100

120 2.6 2.6 4.0#

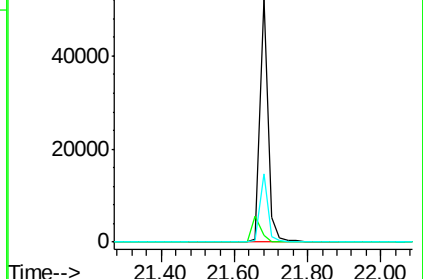
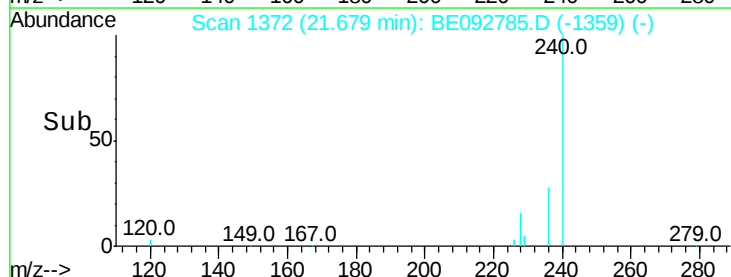
236 28.1 24.6 37.0

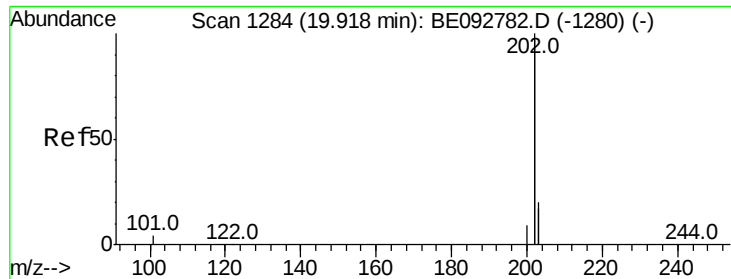


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 2.89 ng

RT: 19.90 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

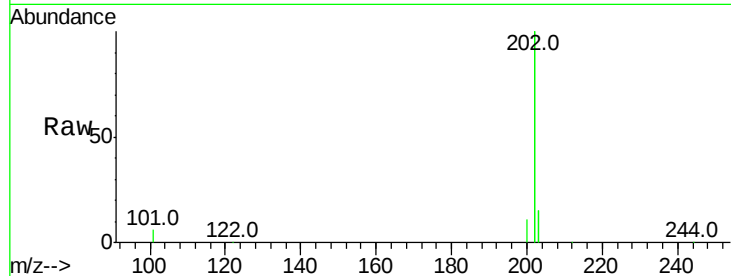
Tot Ion:202 Resp: 224540

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

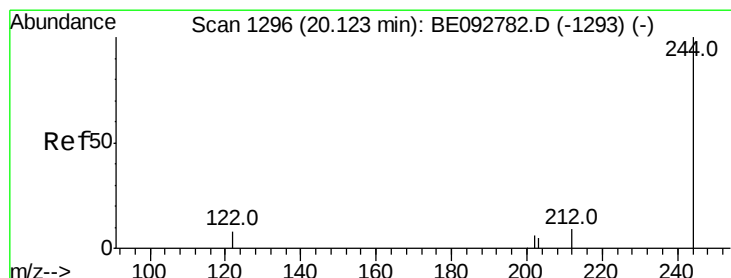
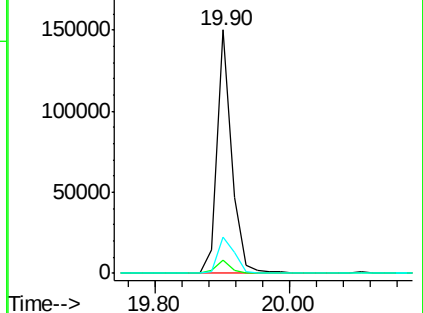
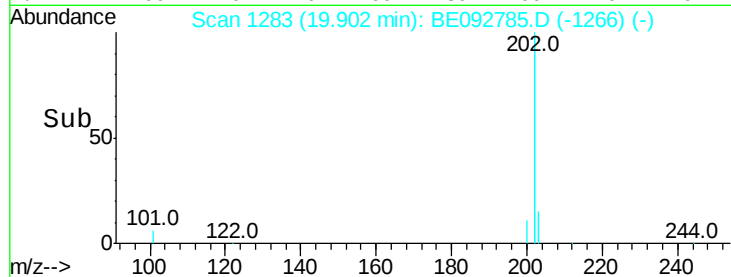
203 17.2 13.9 20.9



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: 2.73 ng

RT: 20.11 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

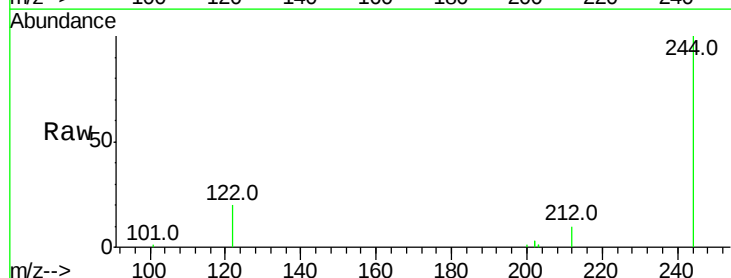
Tgt Ion:244 Resp: 28422

Ion Ratio Lower Upper

244 100

212 10.3 6.7 10.1#

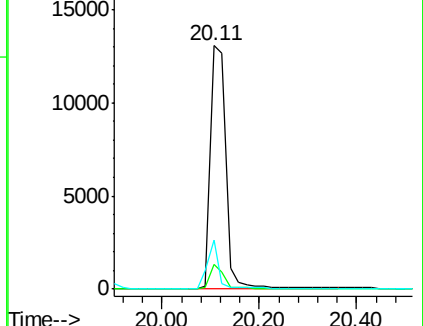
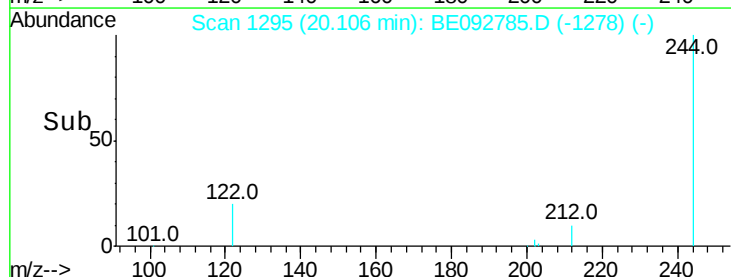
122 20.2 3.6 5.4#

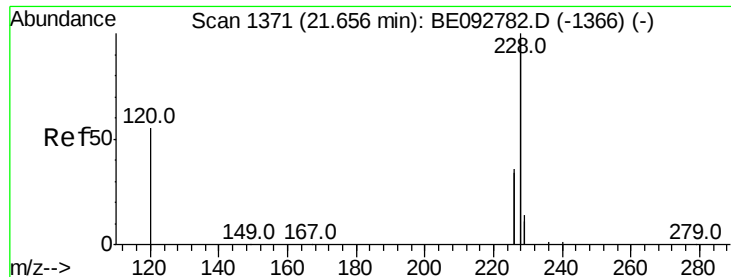


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 6.16 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.00 min

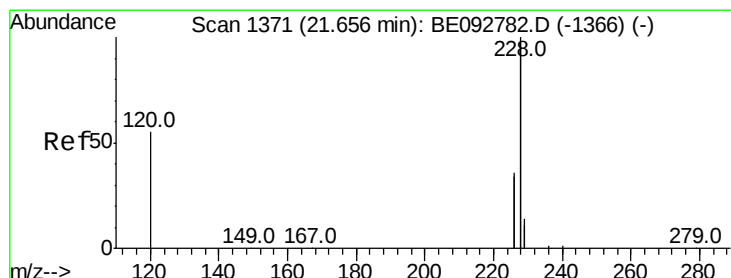
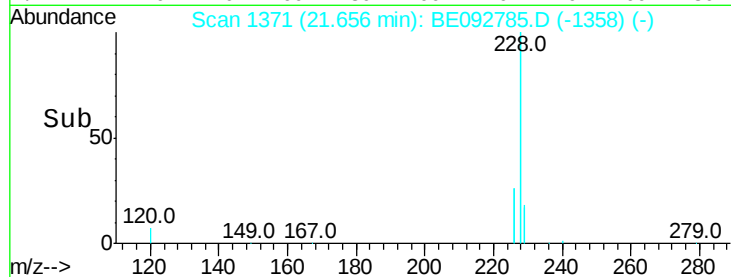
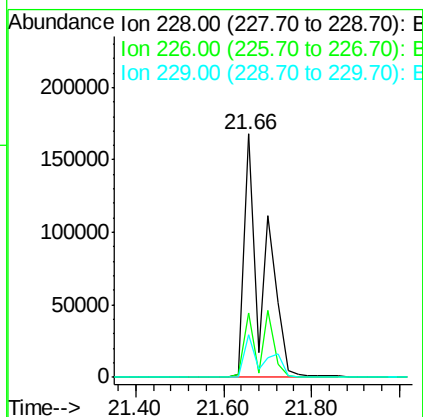
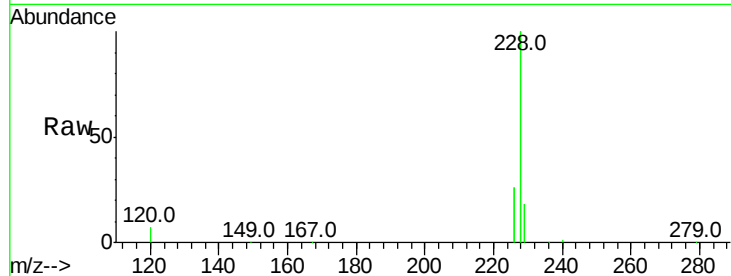
Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:228 Resp: 487198

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.6	35.4
229	17.7	13.3	19.9



#28

Chrysene

Concen: 5.21 ng

RT: 21.66 min Scan# 1371

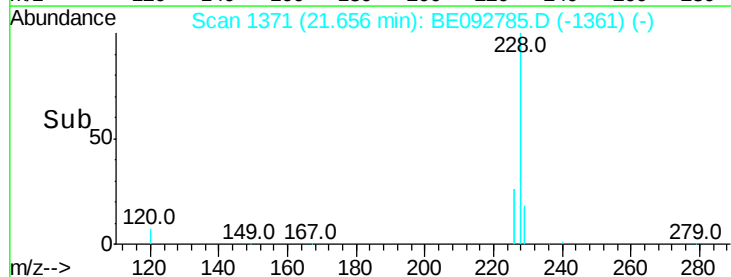
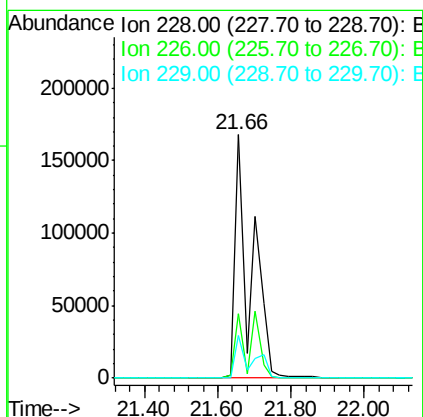
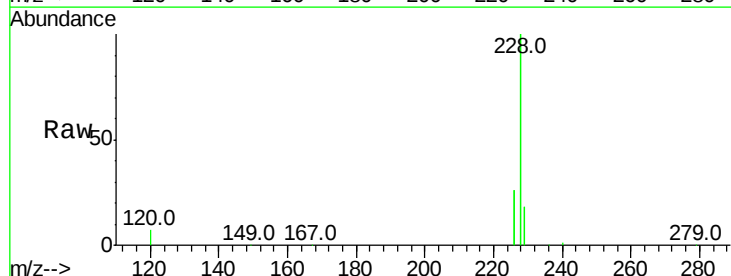
Delta R.T. -0.07 min

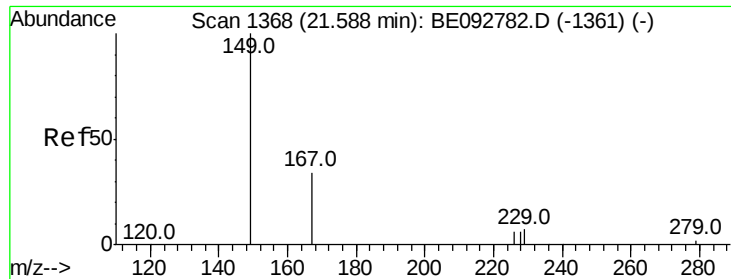
Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Tgt Ion:228 Resp: 488814

Ion	Ratio	Lower	Upper
228	100		
226	26.4	36.3	54.5#
229	17.7	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 1.75 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

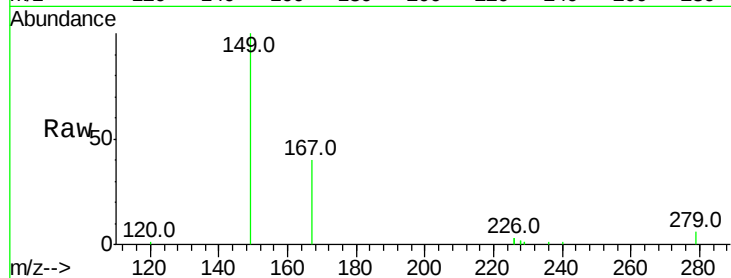
Tot Ion:149 Resp: 19263

Ion Ratio Lower Upper

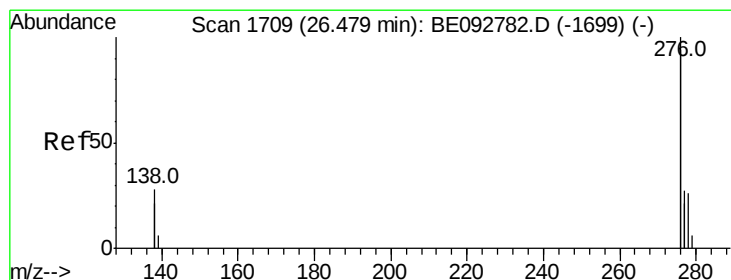
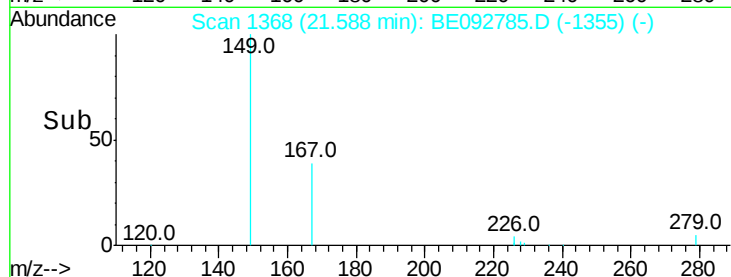
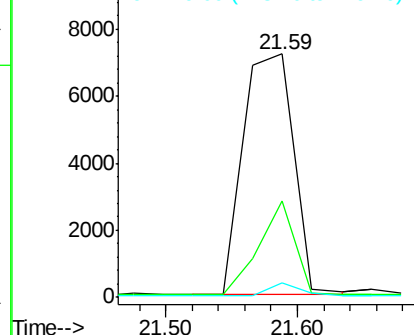
149 100

167 28.9 16.0 24.0#

279 3.4 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: 2.50 ng

RT: 26.45 min Scan# 1707

Delta R.T. -0.03 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

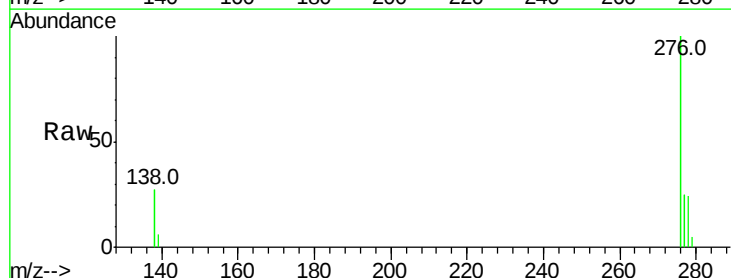
Tgt Ion:276 Resp: 264484

Ion Ratio Lower Upper

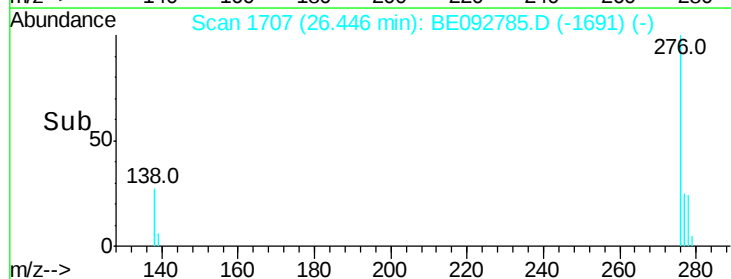
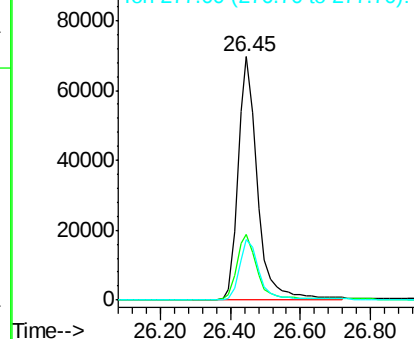
276 100

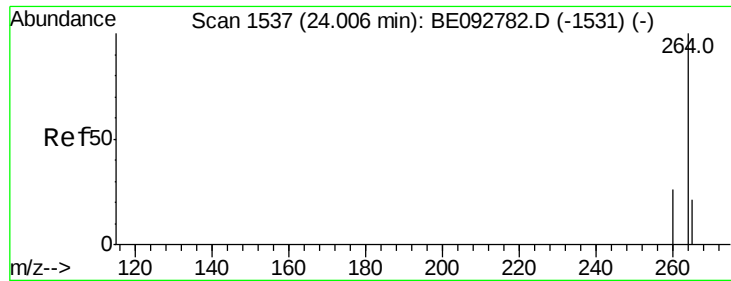
138 28.1 20.3 30.5

277 24.8 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

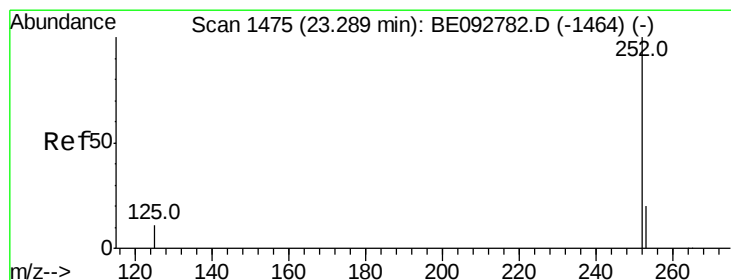
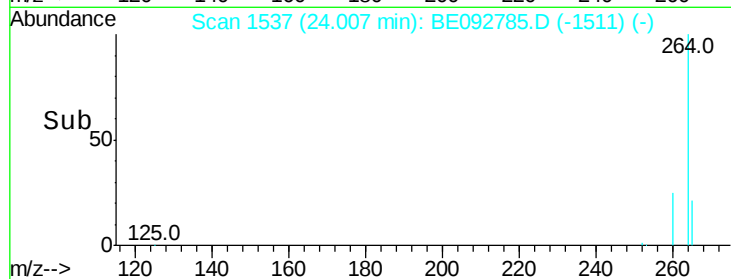
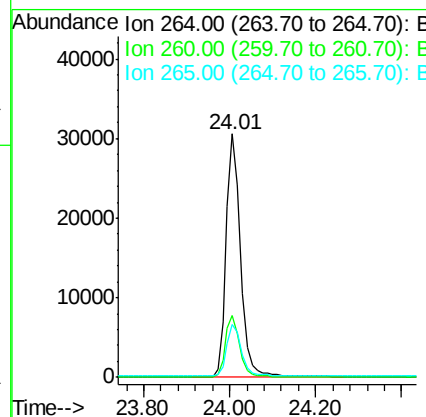
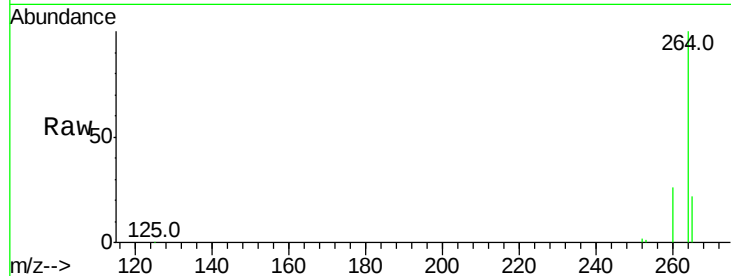




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092785.D
Acq: 6 Mar 2017 13:24

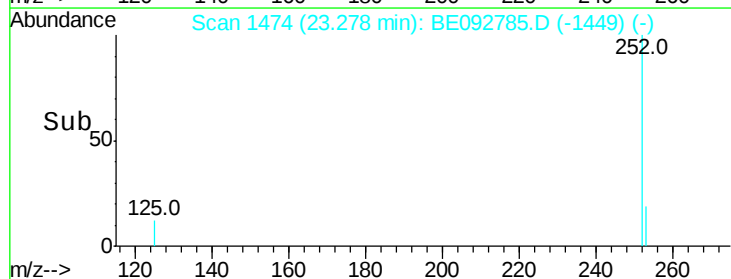
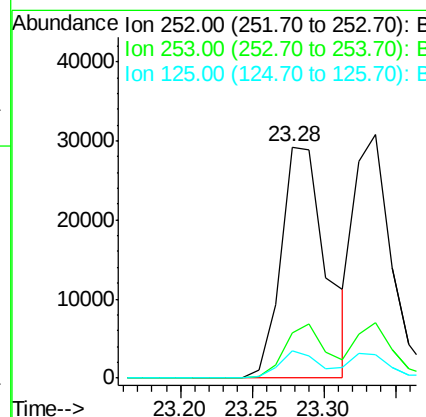
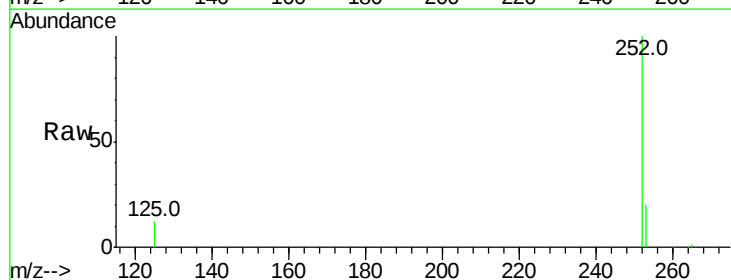
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

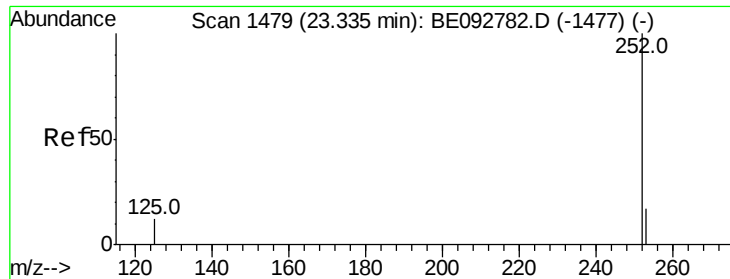
Tot Ion:264 Resp: 71870
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 21.8 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 3.14 ng
RT: 23.28 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BE092785.D
Acq: 6 Mar 2017 13:24

Tgt Ion:252 Resp: 63780
Ion Ratio Lower Upper
252 100
253 19.8 18.7 28.1
125 11.8 10.5 15.7

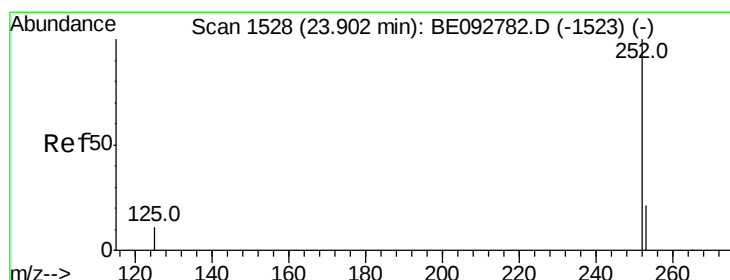
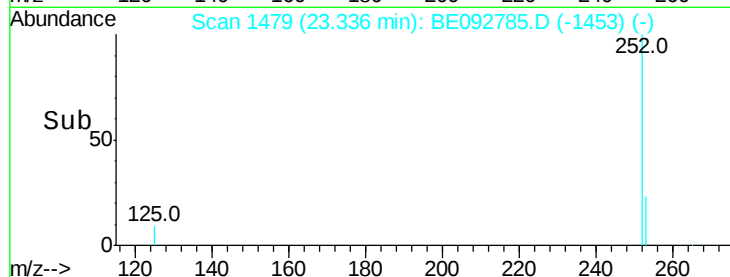
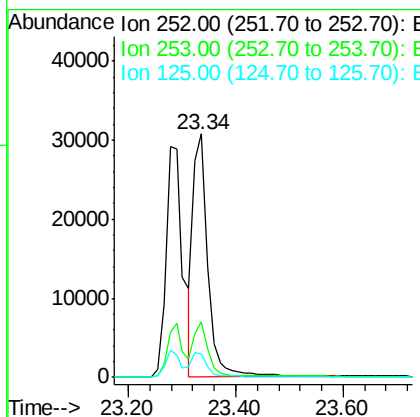
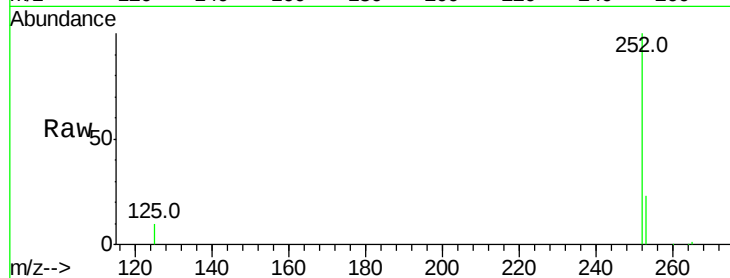




#33
Benzo(k)fluoranthene
Concen: 2.65 ng
RT: 23.34 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE092785.D
Acq: 6 Mar 2017 13:24

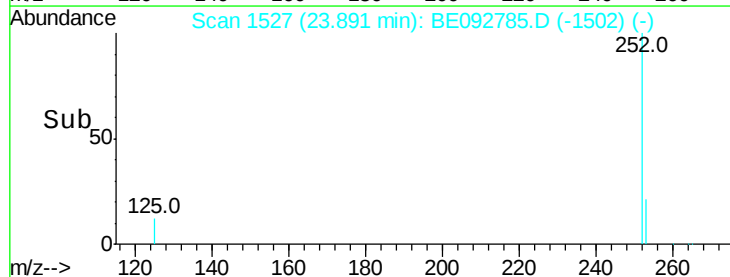
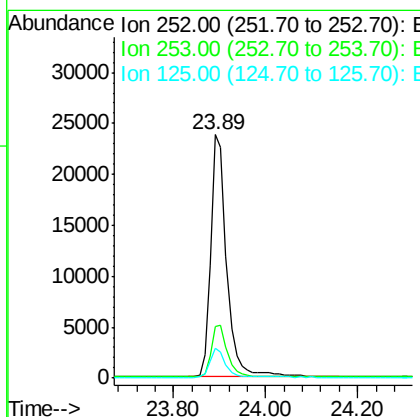
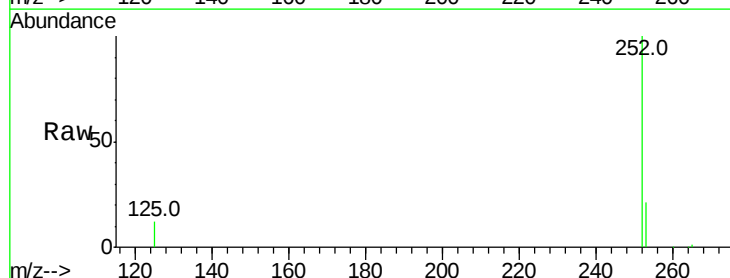
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

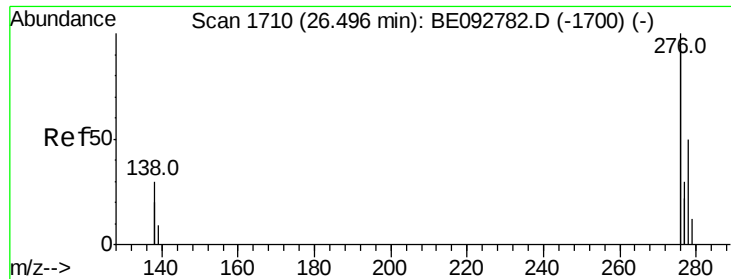
Tot Ion:252 Resp: 56957
Ion Ratio Lower Upper
252 100
253 22.9 20.3 30.5
125 9.8 9.6 14.4



#34
Benzo(a)pyrene
Concen: 3.13 ng
RT: 23.89 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BE092785.D
Acq: 6 Mar 2017 13:24

Tgt Ion:252 Resp: 57848
Ion Ratio Lower Upper
252 100
253 21.0 19.0 28.6
125 12.4 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 2.86 ng

RT: 26.46 min Scan# 1708

Delta R.T. -0.03 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

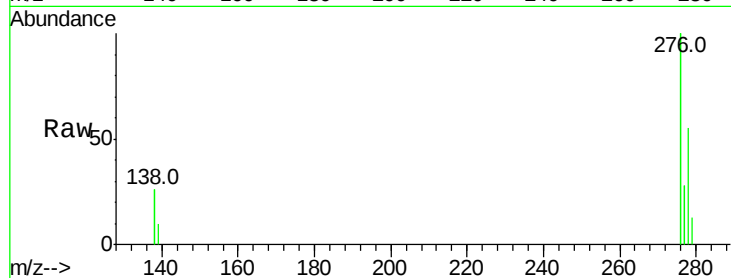
Tot Ion:278 Resp: 55770

Ion Ratio Lower Upper

278 100

139 18.4 13.8 20.8

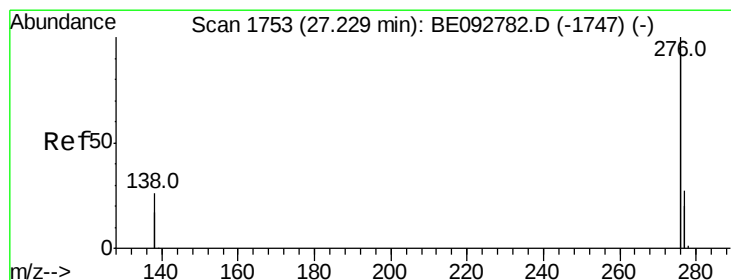
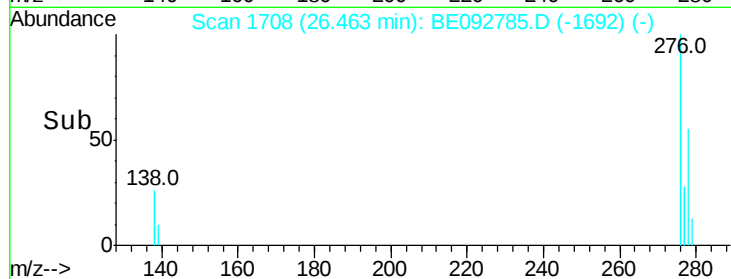
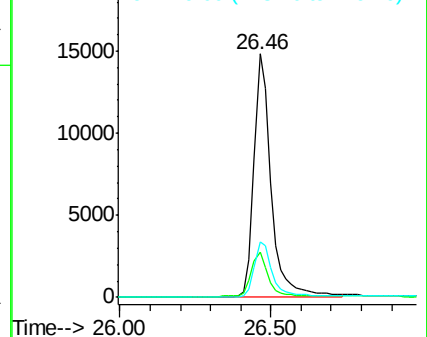
279 23.0 21.4 32.2



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: 2.81 ng

RT: 27.20 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BE092785.D

Acq: 6 Mar 2017 13:24

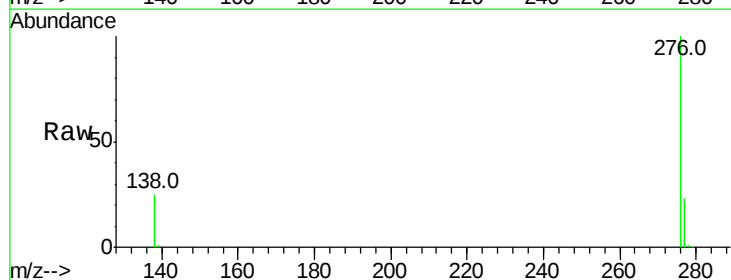
Tgt Ion:276 Resp: 231682

Ion Ratio Lower Upper

276 100

277 23.0 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

