

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112316\
 Data File : BE092577.D
 Acq On : 23 Nov 2016 13:33
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 23 17:56:46 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 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	6791	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	33227	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24578	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	54891	5.00	ng	0.00
24) Chrysene-d12	21.72	240	77845	5.00	ng	0.00
31) Perylene-d12	24.08	264	64466	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	419	0.37	ng	0.00
5) Phenol-d6	7.36	99	546	0.39	ng	0.00
8) Nitrobenzene-d5	9.36	82	679	0.39	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	201	0.36	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2278	0.38	ng	0.00
26) Terphenyl-d14	20.17	244	3275	0.37	ng	0.00

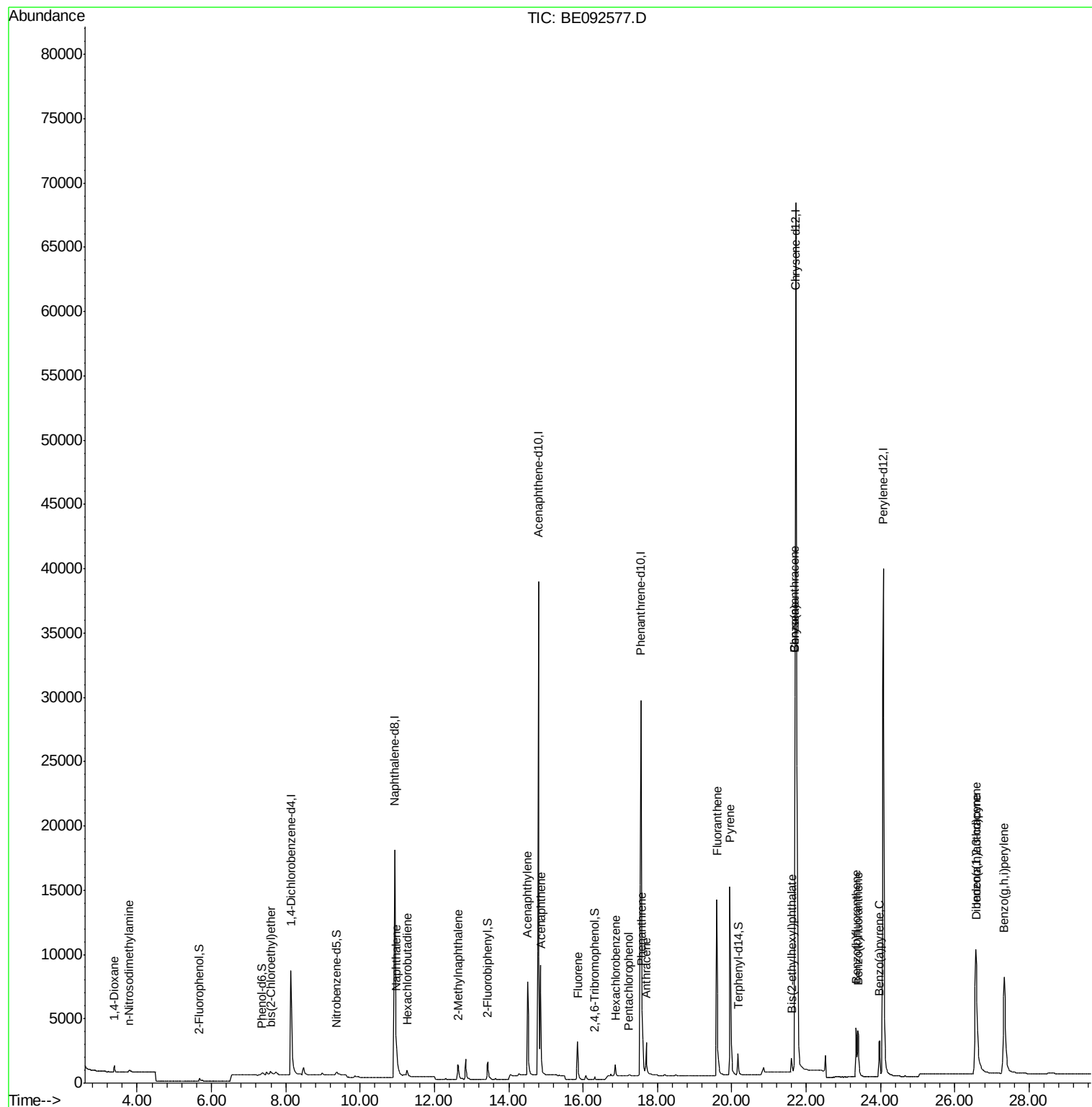
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	464	0.47	ng	87
3) n-Nitrosodimethylamine	3.78	42	321	0.45	ng	# 99
6) bis(2-Chloroethyl)ether	7.59	93	604	0.33	ng	# 82
9) Naphthalene	10.97	128	2763	0.40	ng	# 94
10) Hexachlorobutadiene	11.26	225	423	0.41	ng	99
11) 2-Methylnaphthalene	12.64	142	1694	0.39	ng	94
15) Acenaphthylene	14.51	152	12712	0.37	ng	100
16) Acenaphthene	14.87	154	2161	0.39	ng	97
17) Fluorene	15.86	166	2647	0.38	ng	99
19) Hexachlorobenzene	16.87	284	991	0.46	ng	# 89
20) Pentachlorophenol	17.23	266	144	0.43	ng	89
21) Phenanthrene	17.58	178	4911	0.40	ng	# 78
22) Anthracene	17.69	178	4415	0.38	ng	99
23) Fluoranthene	19.59	202	22407	0.39	ng	100
25) Pyrene	19.95	202	23537	0.38	ng	100
27) Benzo(a)anthracene	21.70	228	52995	0.80	ng	96
28) Chrysene	21.70	228	53290	0.81	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.61	149	1641	0.44	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.56	276	25180	0.39	ng	97
32) Benzo(b)fluoranthene	23.35	252	5576	0.36	ng	100
33) Benzo(k)fluoranthene	23.39	252	6488	0.40	ng	96
34) Benzo(a)pyrene	23.97	252	5290	0.37	ng	96
35) Dibenzo(a,h)anthracene	26.58	278	5089	0.36	ng	# 95
36) Benzo(g,h,i)perylene	27.33	276	22404	0.37	ng	98

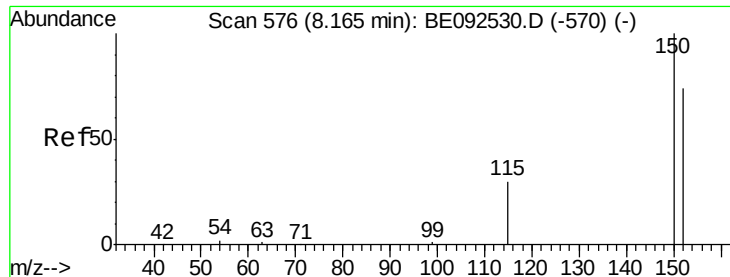
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

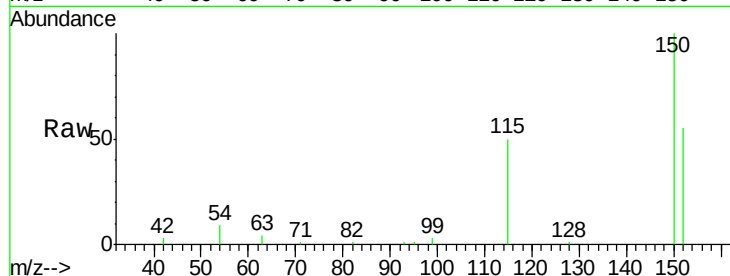
Tgt Ion: 152 Resp: 6791

Ion Ratio Lower Upper

152 100

150 183.1 106.0 159.0#

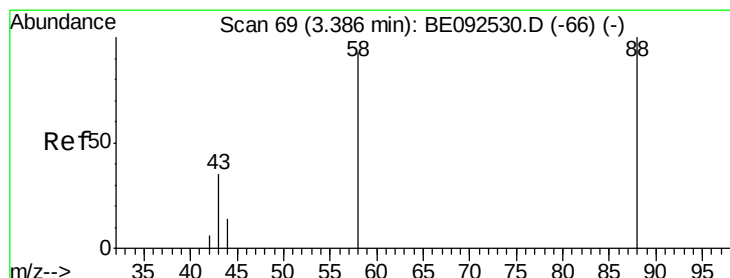
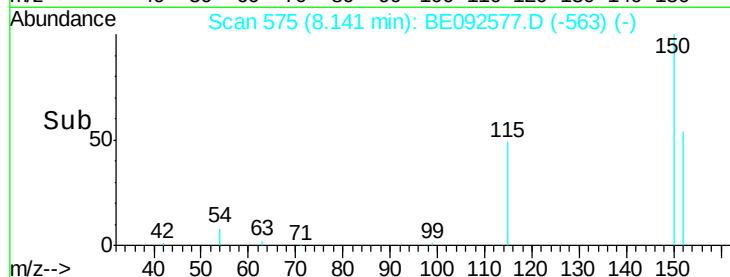
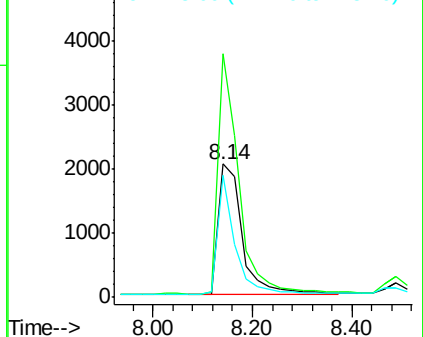
115 91.7 31.2 46.8#



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: 0.47 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

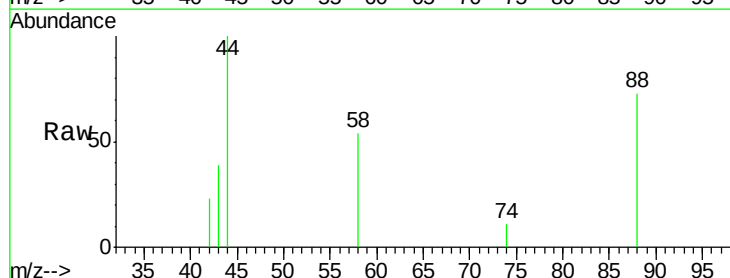
Tgt Ion: 88 Resp: 464

Ion Ratio Lower Upper

88 100

58 65.9 63.6 95.4

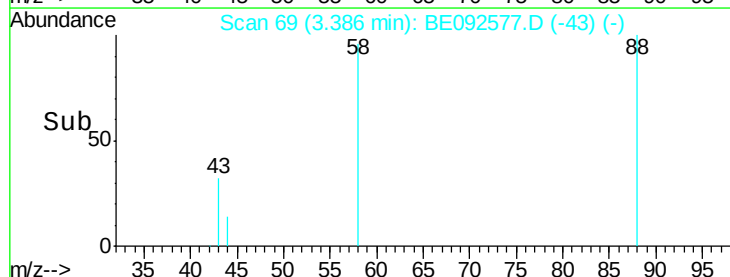
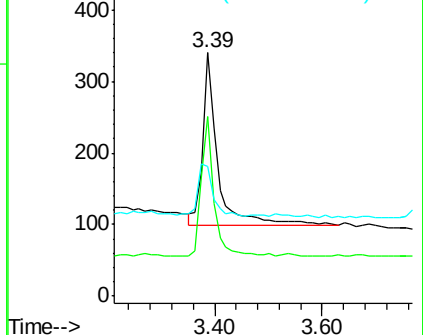
43 30.4 28.0 42.0

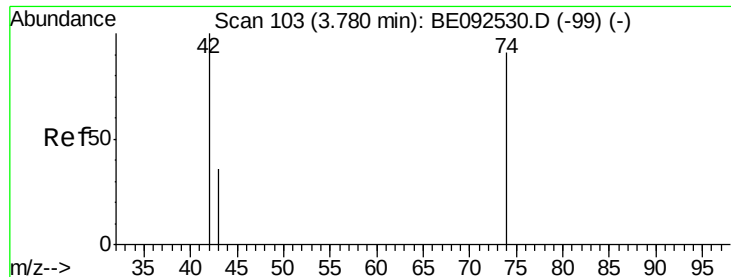


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.78 min Scan# 103

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

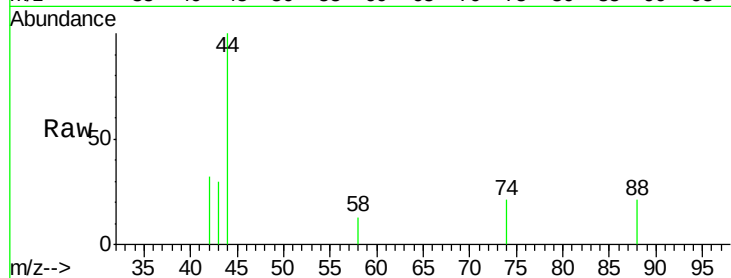
Tgt Ion: 42 Resp: 321

Ion Ratio Lower Upper

42 100

74 106.2 86.0 129.0

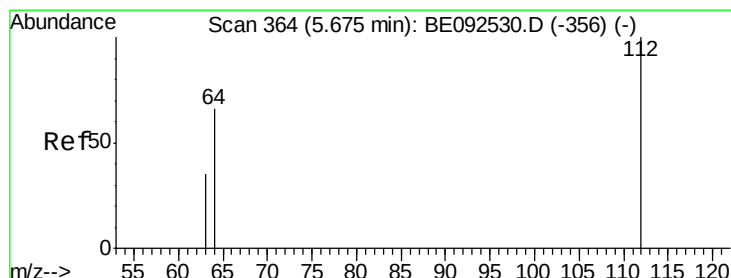
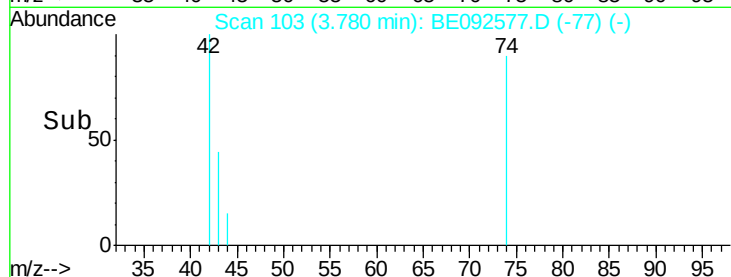
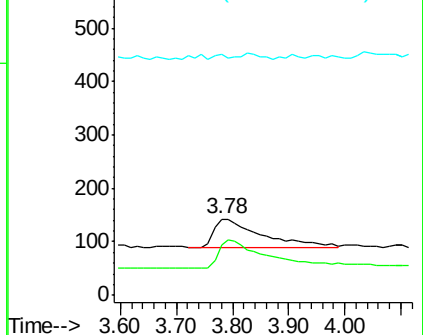
44 4.7 5.1 7.7#



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: 0.37 ng

RT: 5.68 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

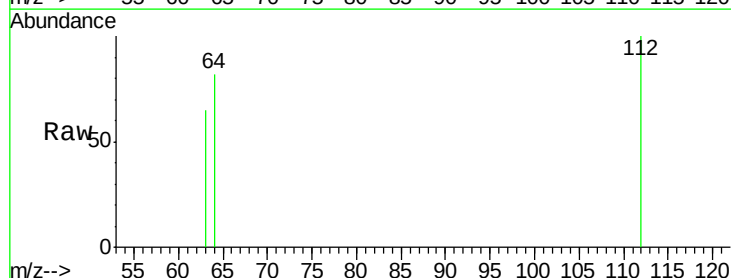
Tgt Ion: 112 Resp: 419

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

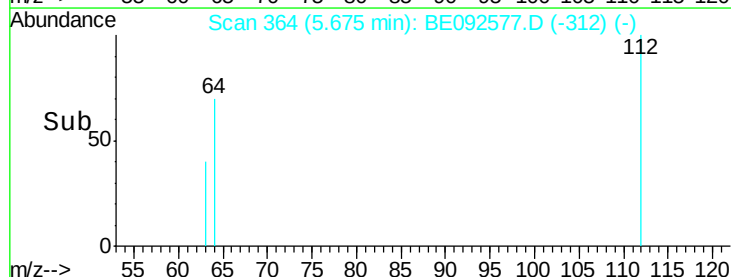
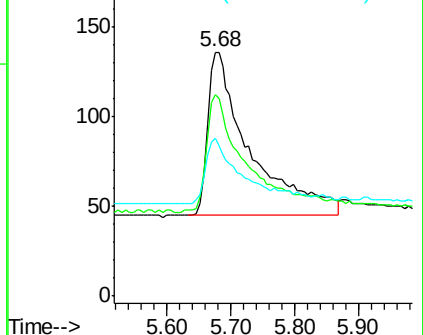
63 35.3 27.9 41.9

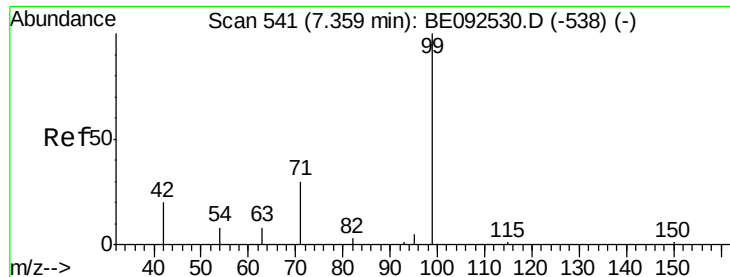


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.39 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

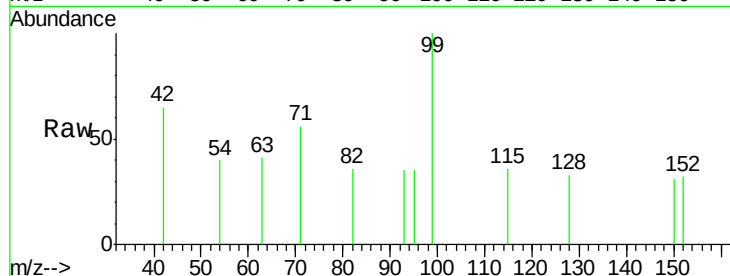
Tgt Ion: 99 Resp: 546

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

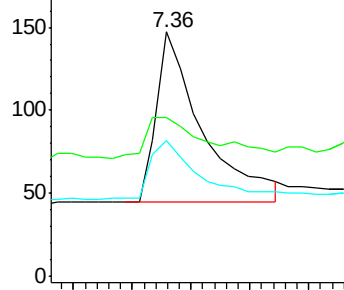
71 37.2 30.6 45.8



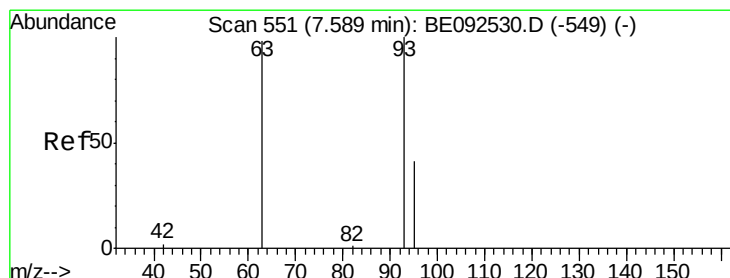
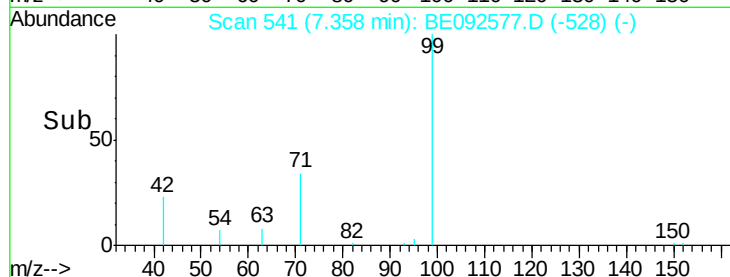
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.33 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

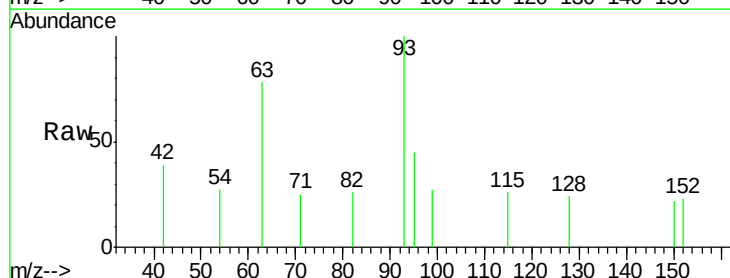
Tgt Ion: 93 Resp: 604

Ion Ratio Lower Upper

93 100

63 67.7 71.6 107.4#

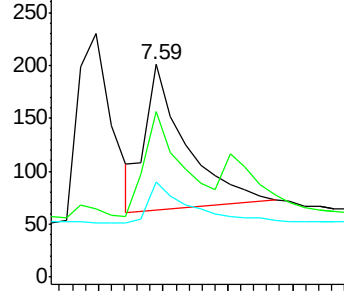
95 28.8 24.0 36.0



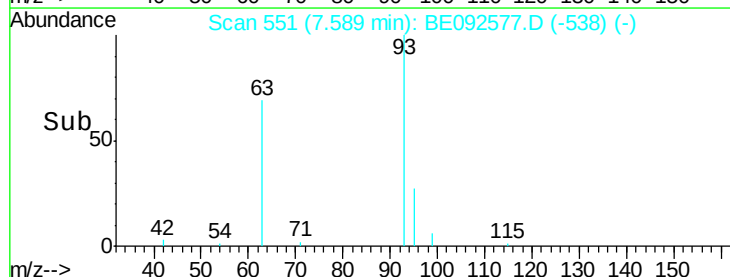
Abundance Ion 93.00 (92.70 to 93.70): BE0

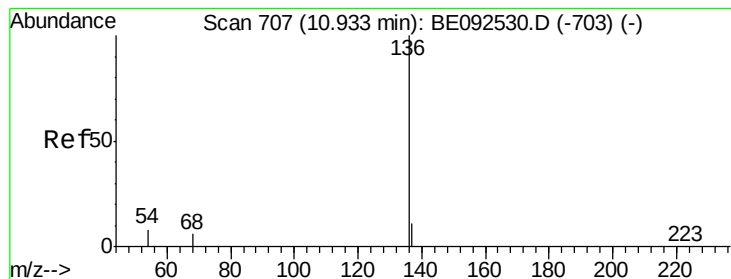
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

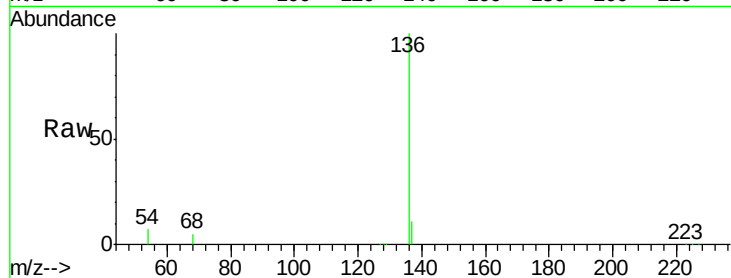
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	136	Resp:	33227
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	7.5	9.6	14.4#
68	5.5	6.7	10.1#

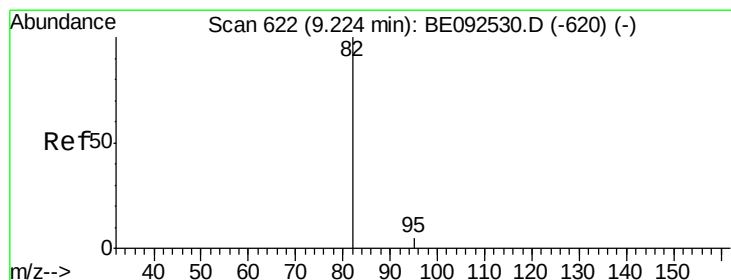
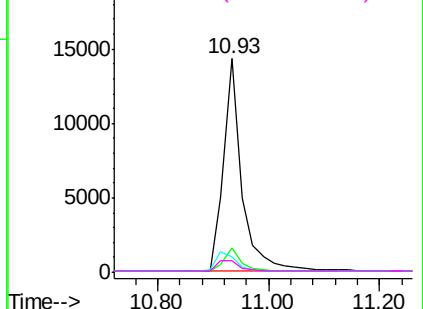
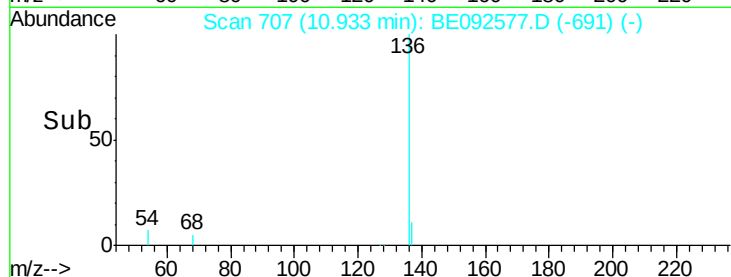


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.39 ng

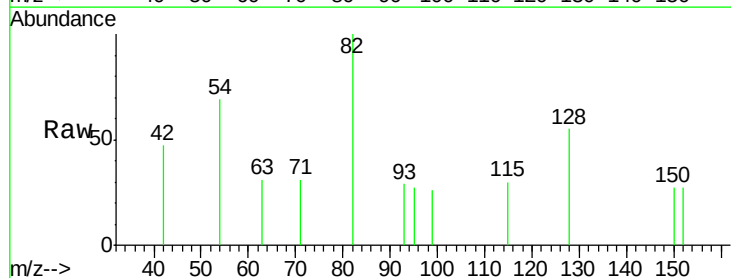
RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

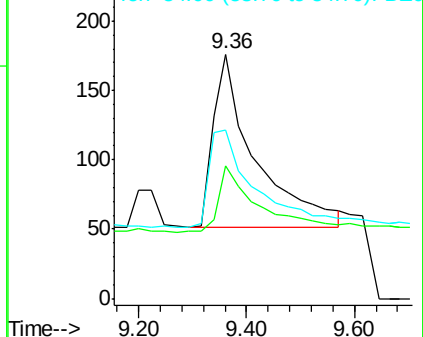
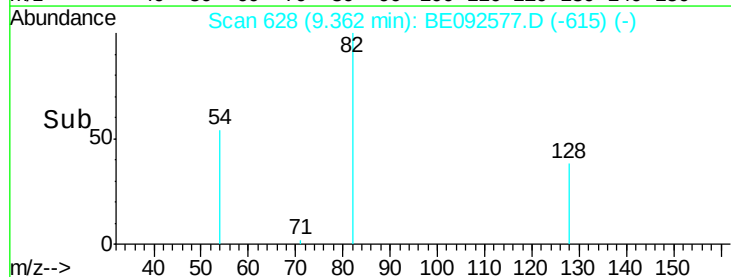
Tgt Ion:	82	Resp:	679
Ion	Ratio	Lower	Upper
82	100		
128	54.5	39.0	58.4
54	68.8	44.8	67.2#

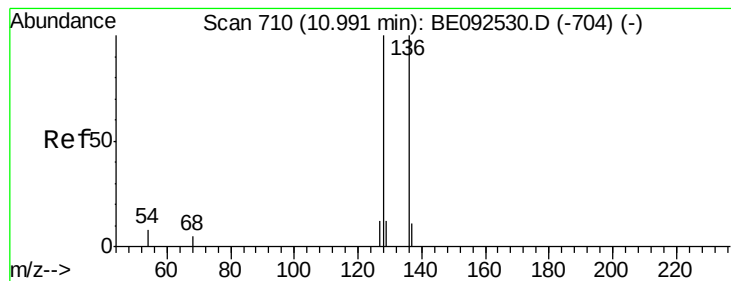


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

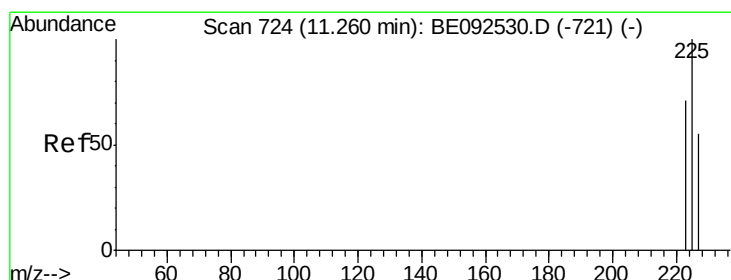
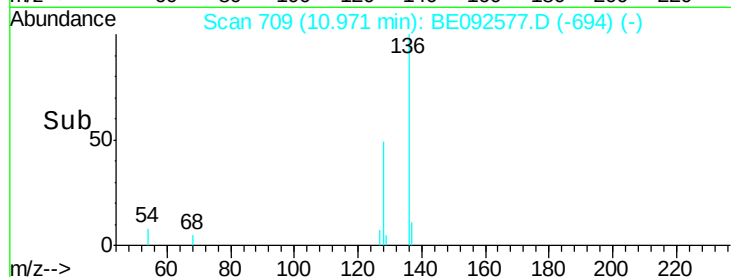
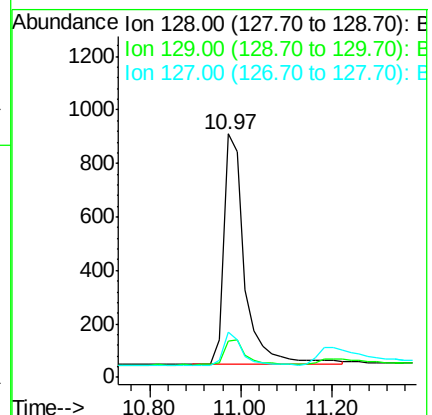
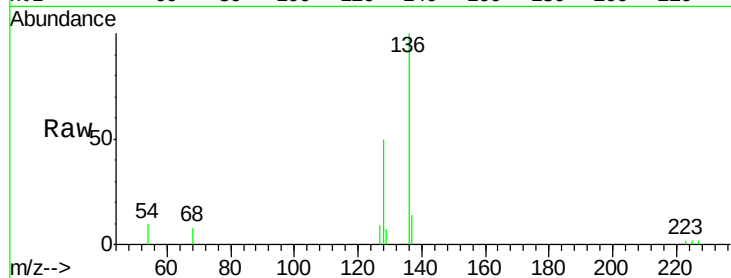
Tgt Ion:128 Resp: 2763

Ion Ratio Lower Upper

128 100

129 14.9 11.2 16.8

127 18.4 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 0.41 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

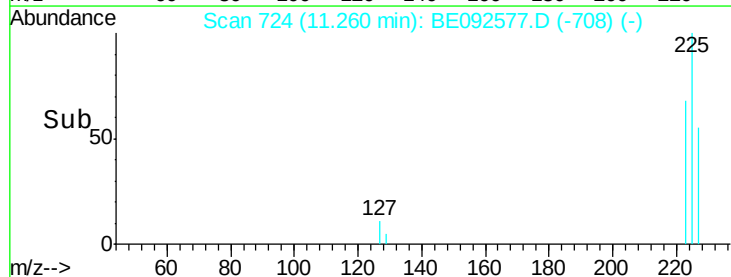
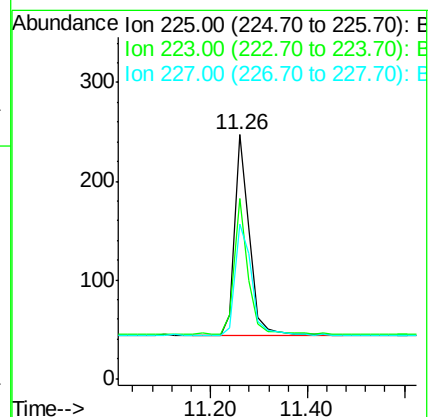
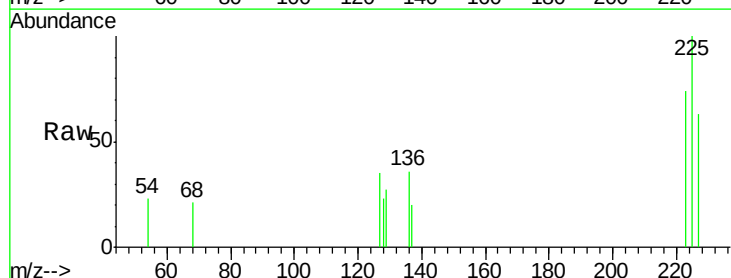
Tgt Ion:225 Resp: 423

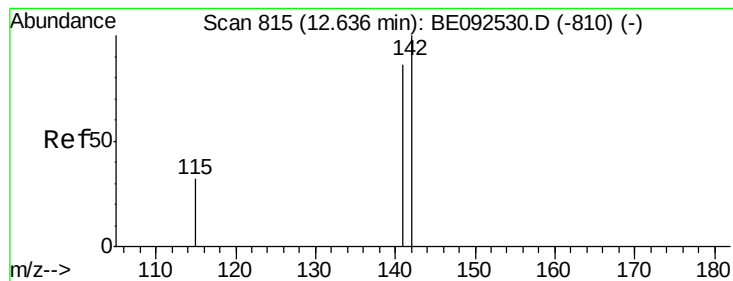
Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

227 62.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.64 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

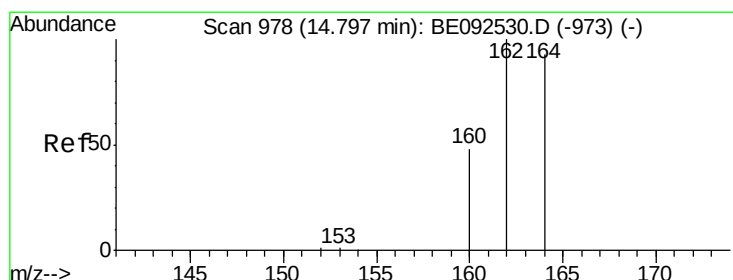
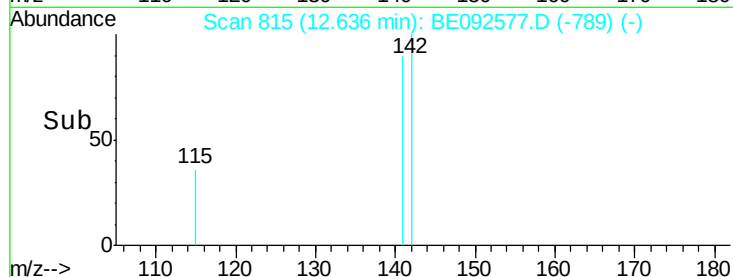
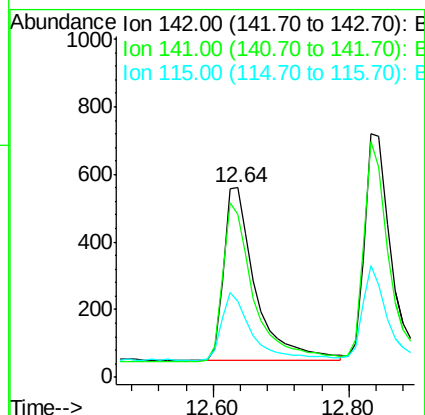
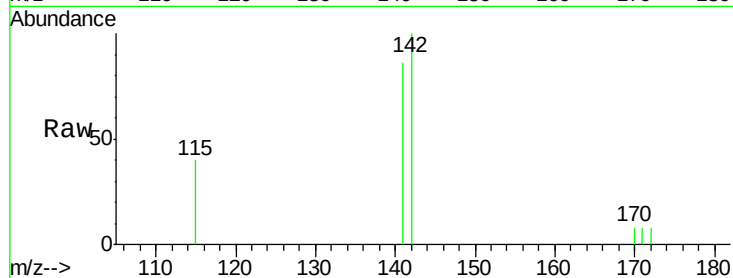
Tgt Ion:142 Resp: 1694

Ion Ratio Lower Upper

142 100

141 85.9 73.7 110.5

115 39.9 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

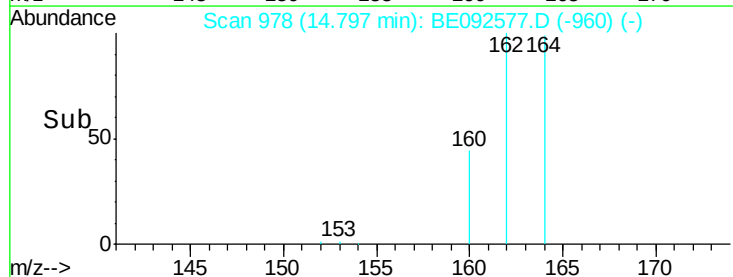
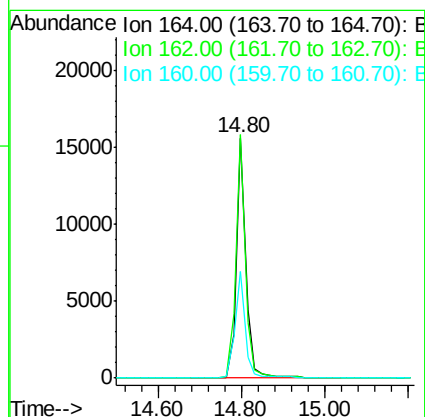
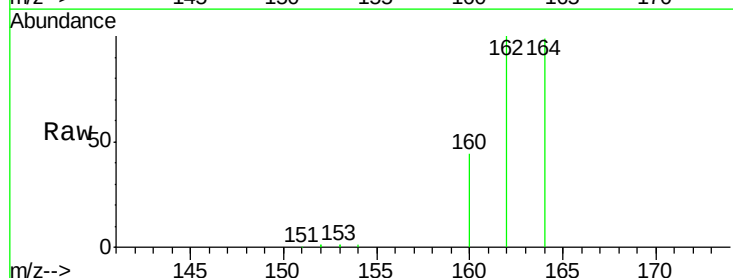
Tgt Ion:164 Resp: 24578

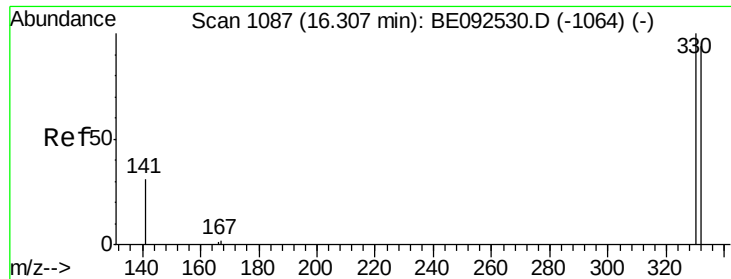
Ion Ratio Lower Upper

164 100

162 101.4 71.4 107.0

160 44.4 27.4 41.2#

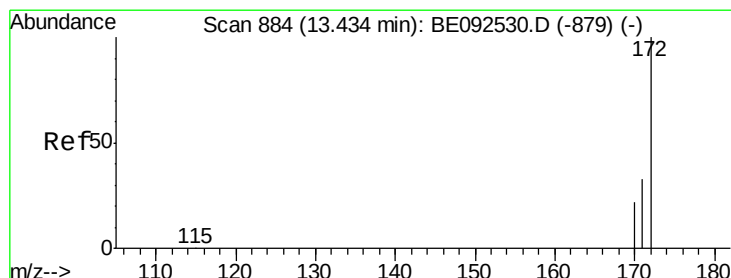
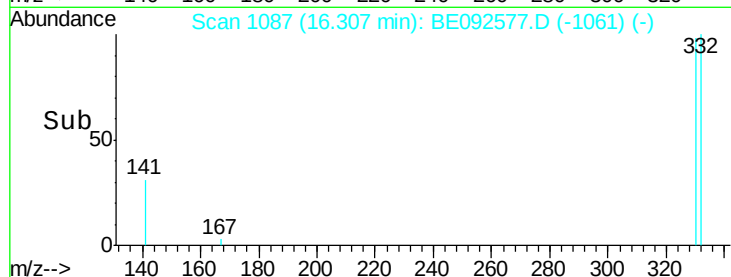
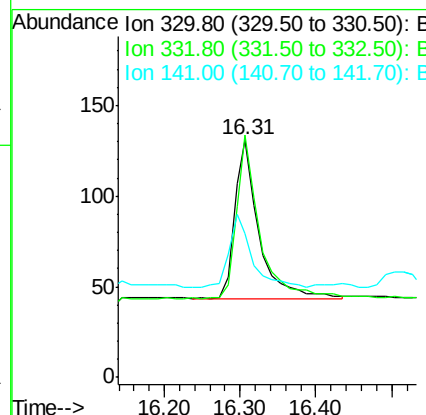
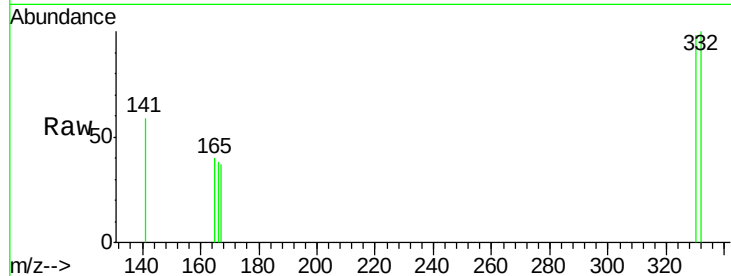




#13
 2,4,6-Tribromophenol
 Concen: 0.36 ng
 RT: 16.31 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092577.D
 Acq: 23 Nov 2016 13:33

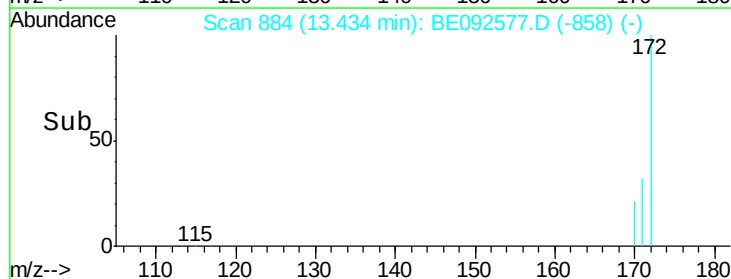
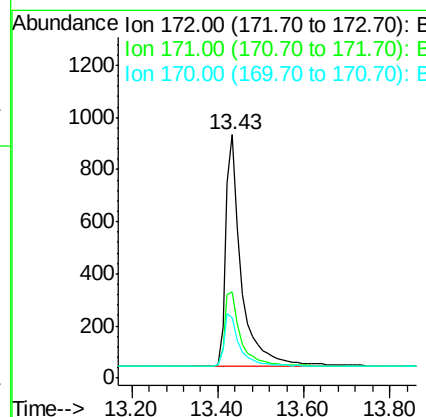
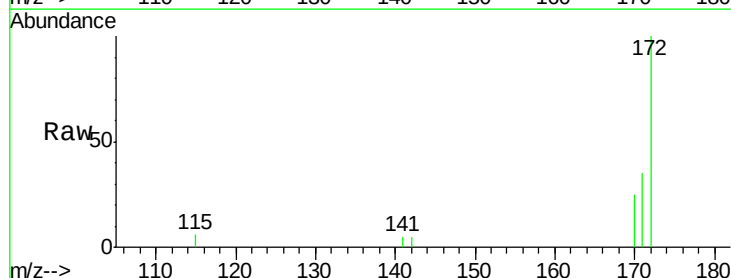
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

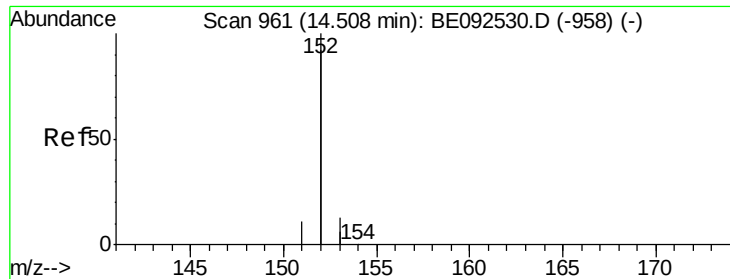
Tgt Ion: 330 Resp: 201
 Ion Ratio Lower Upper
 330 100
 332 102.0 75.4 113.0
 141 40.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.43 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BE092577.D
 Acq: 23 Nov 2016 13:33

Tgt Ion: 172 Resp: 2278
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.1 45.1
 170 24.8 21.8 32.6

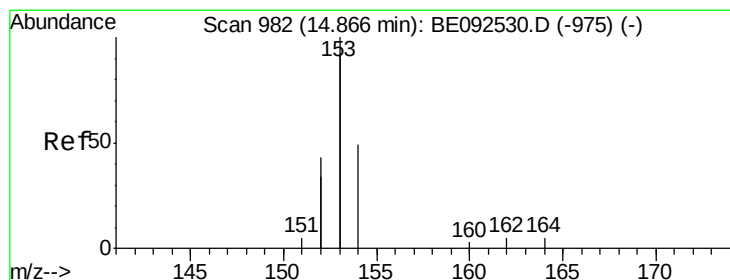
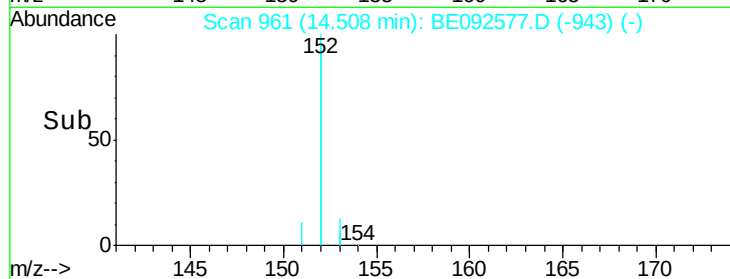
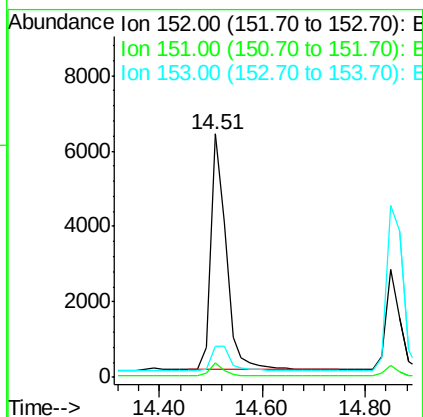
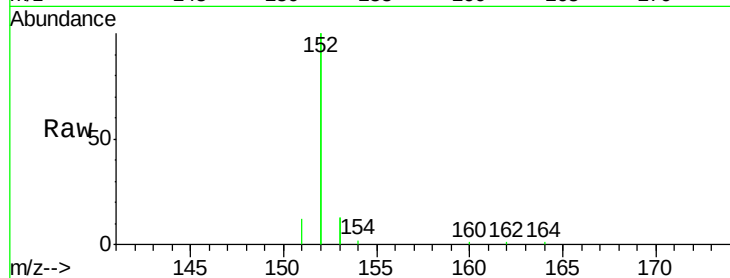




#15
Acenaphthylene
Concen: 0.37 ng
RT: 14.51 min Scan# 961
Delta R.T. 0.00 min
Lab File: BE092577.D
Acq: 23 Nov 2016 13:33

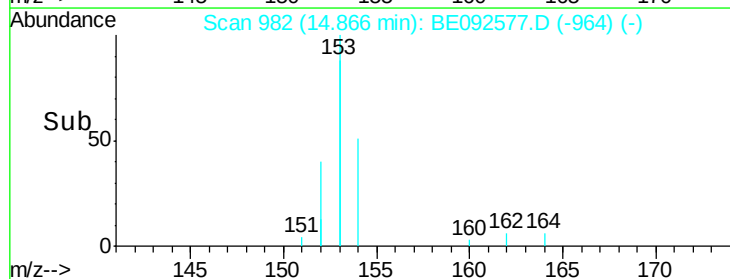
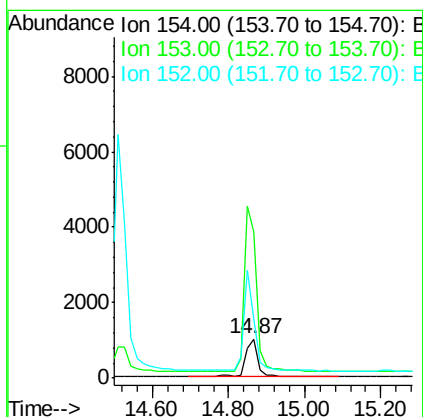
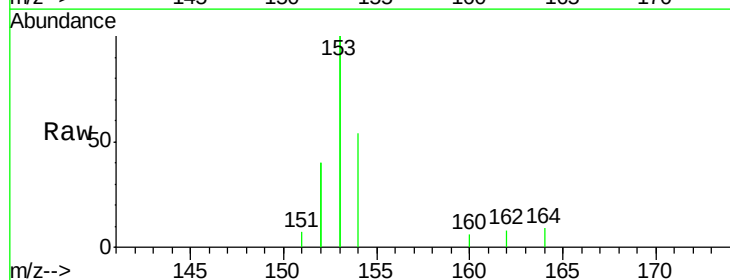
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

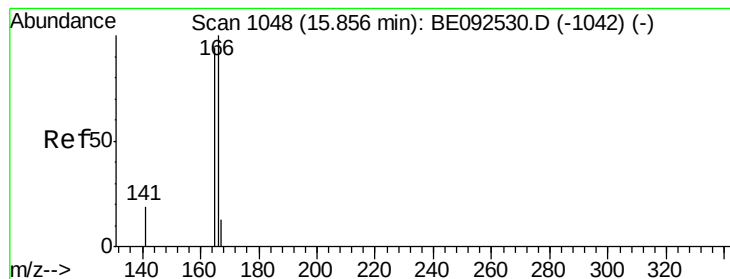
Tgt Ion:152 Resp: 12712
Ion Ratio Lower Upper
152 100
151 5.1 3.9 5.9
153 12.9 10.4 15.6



#16
Acenaphthene
Concen: 0.39 ng
RT: 14.87 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092577.D
Acq: 23 Nov 2016 13:33

Tgt Ion:154 Resp: 2161
Ion Ratio Lower Upper
154 100
153 439.6 350.8 526.2
152 229.2 171.1 256.7





#17

Fluorene

Concen: 0.38 ng

RT: 15.86 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

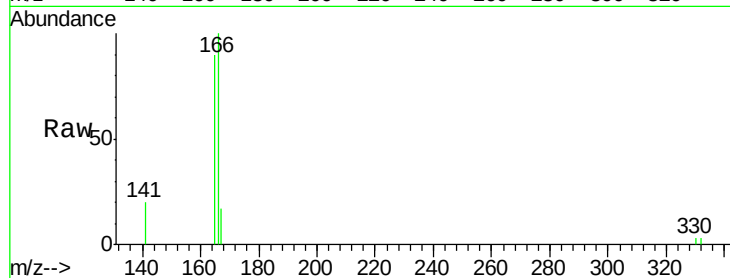
Tgt Ion:166 Resp: 2647

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

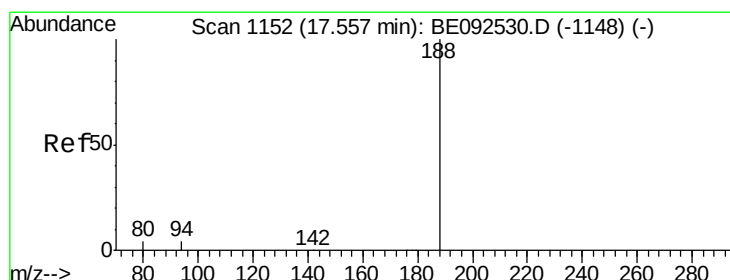
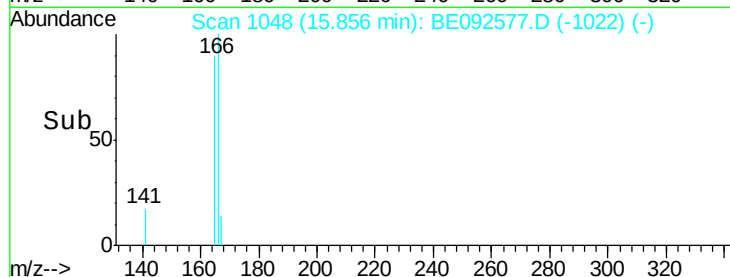
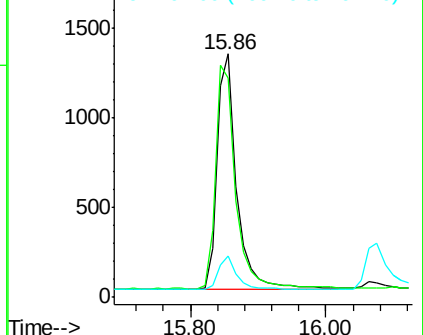
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

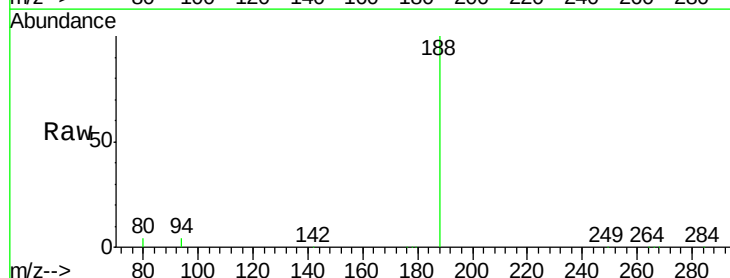
Tgt Ion:188 Resp: 54891

Ion Ratio Lower Upper

188 100

94 4.0 3.2 4.8

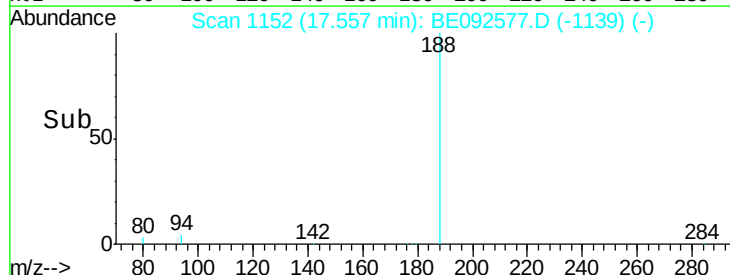
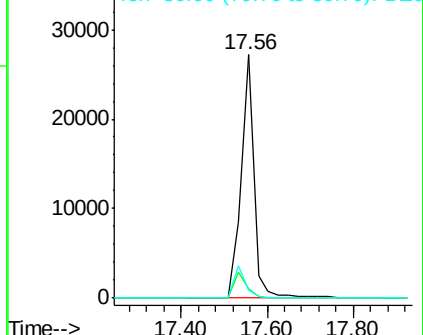
80 3.6 2.6 3.8

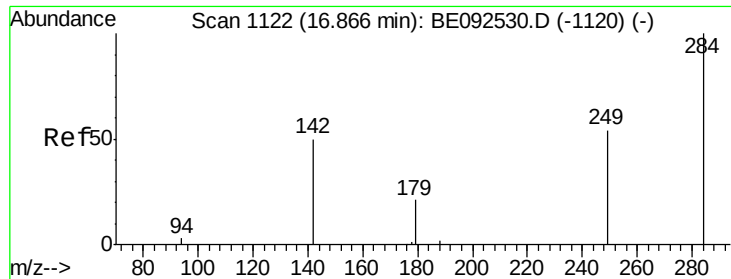


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

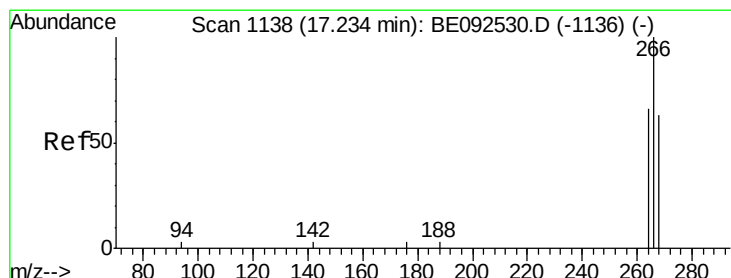
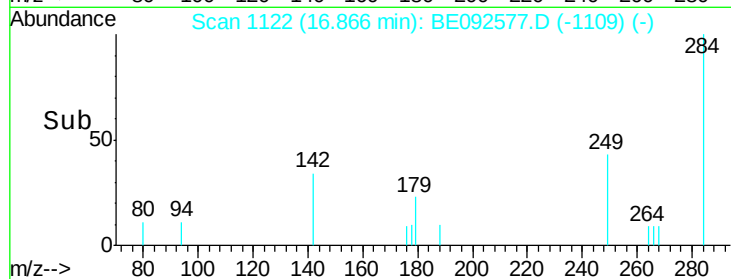
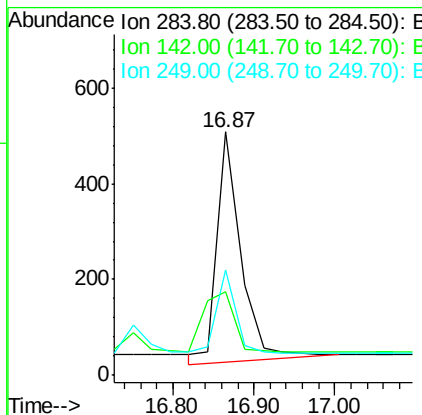
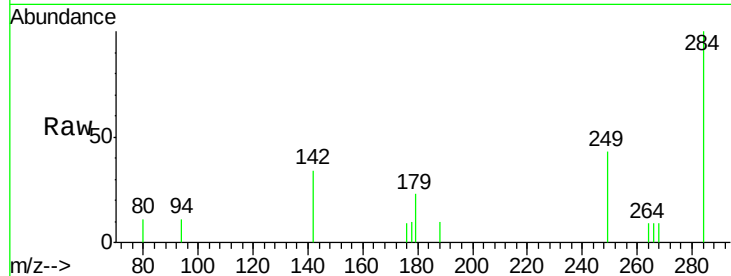




#19
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.87 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092577.D
Acq: 23 Nov 2016 13:33

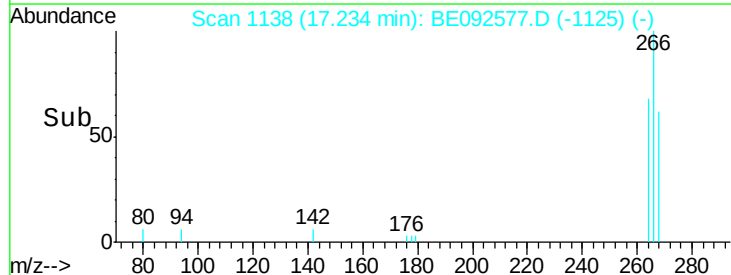
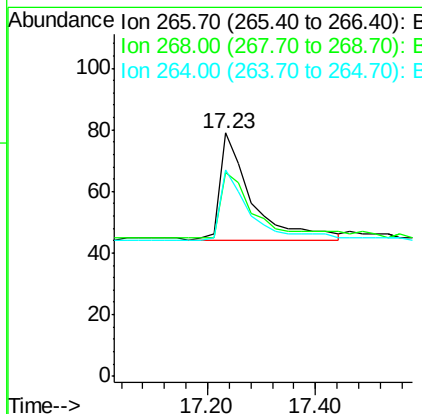
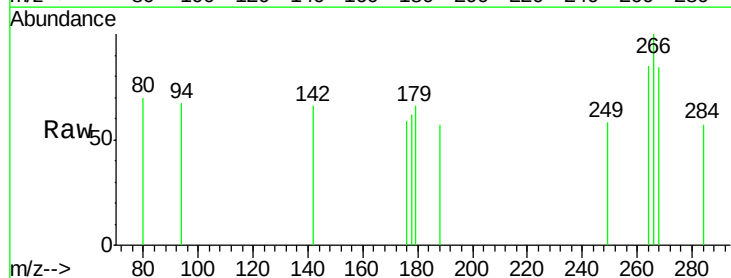
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

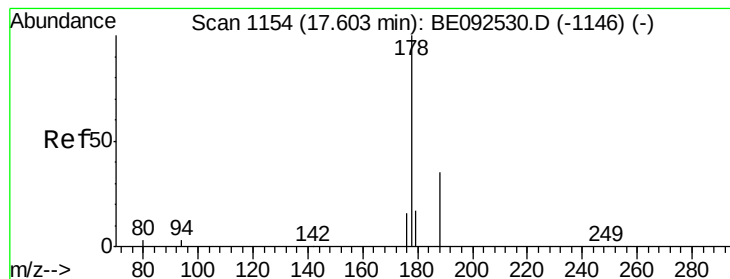
Tgt Ion: 284 Resp: 991
Ion Ratio Lower Upper
284 100
142 47.1 29.1 43.7#
249 36.8 27.9 41.9



#20
Pentachlorophenol
Concen: 0.43 ng
RT: 17.23 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BE092577.D
Acq: 23 Nov 2016 13:33

Tgt Ion: 266 Resp: 144
Ion Ratio Lower Upper
266 100
268 83.5 62.5 93.7
264 84.8 57.2 85.8





#21

Phenanthrene

Concen: 0.40 ng

RT: 17.58 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

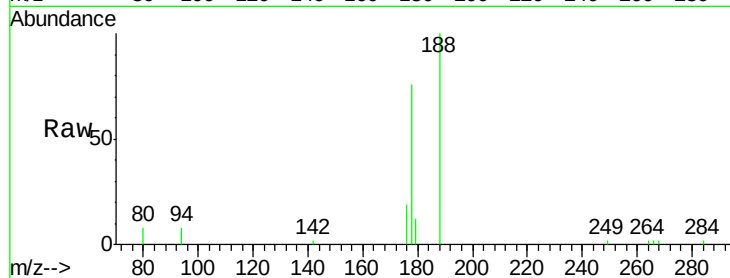
Tgt Ion:178 Resp: 4911

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

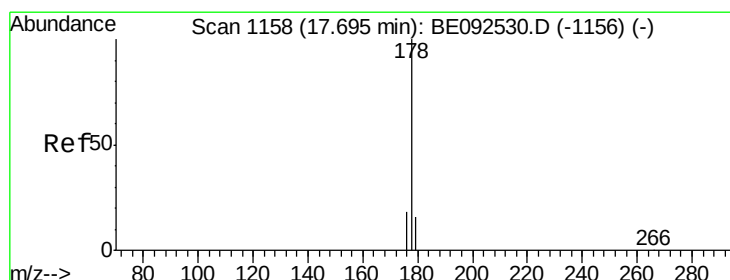
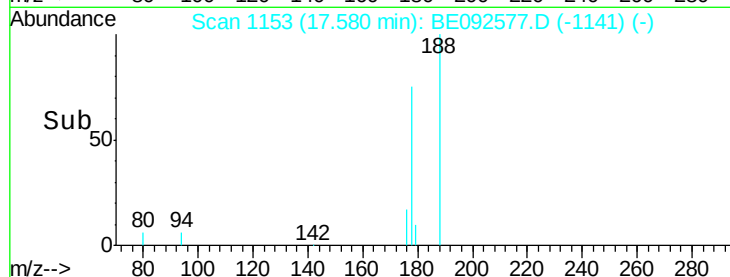
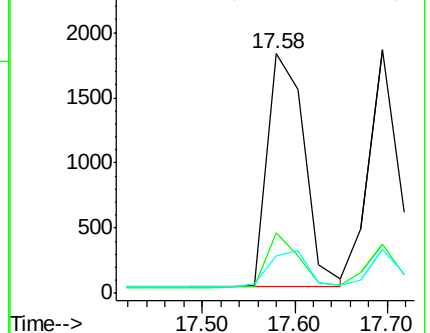
179 0.0 16.0 24.0#



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: 0.38 ng

RT: 17.69 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

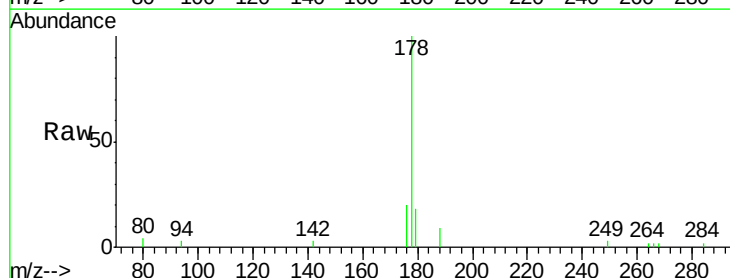
Tgt Ion:178 Resp: 4415

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

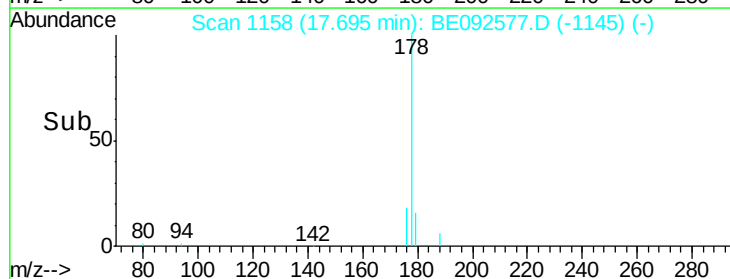
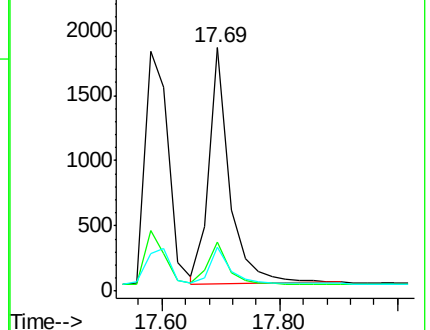
179 16.0 12.2 18.2

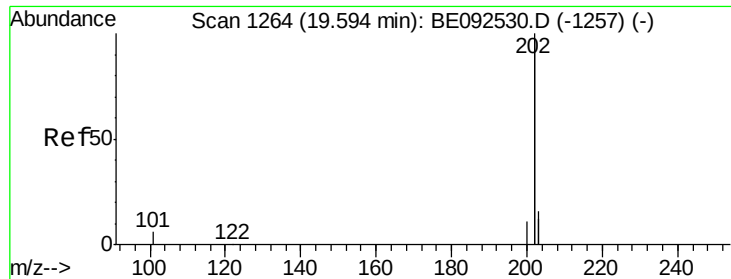


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.39 ng

RT: 19.59 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

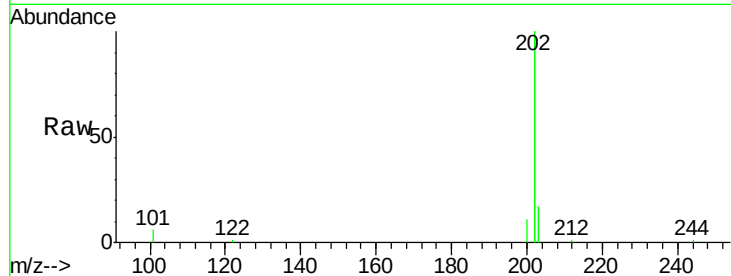
Tgt Ion:202 Resp: 22407

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

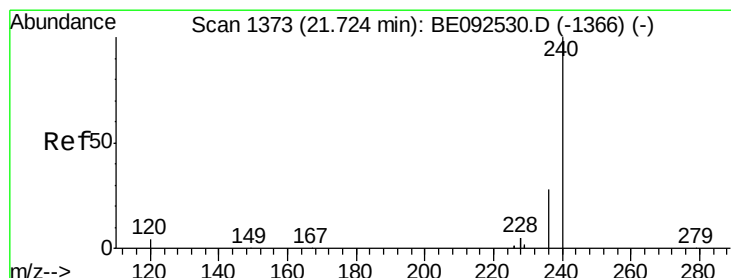
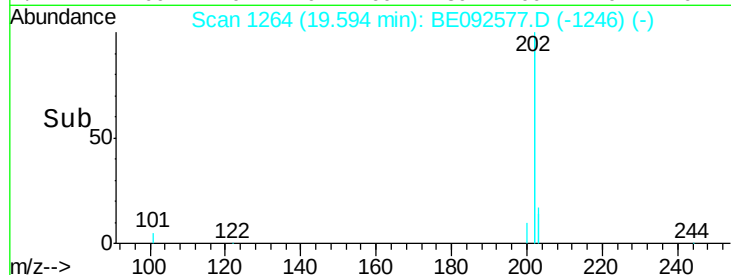
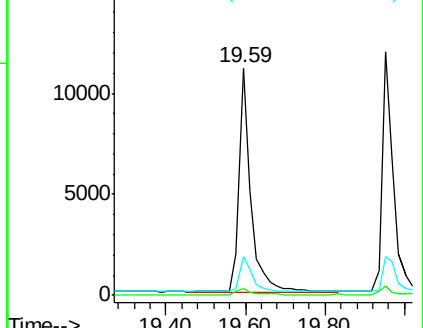
203 17.3 13.7 20.5



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# 1373

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

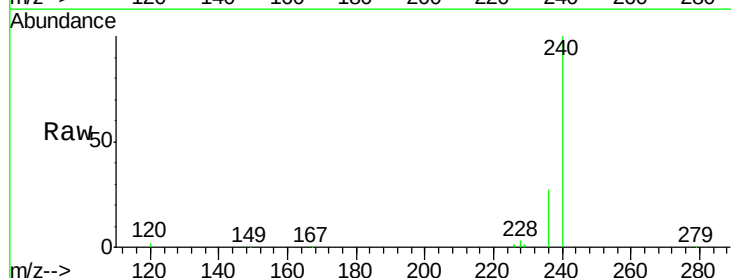
Tgt Ion:240 Resp: 77845

Ion Ratio Lower Upper

240 100

120 2.4 2.6 4.0#

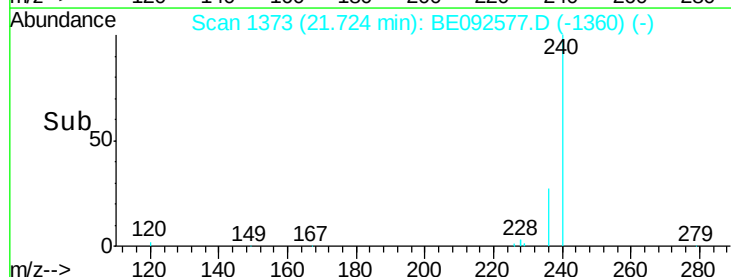
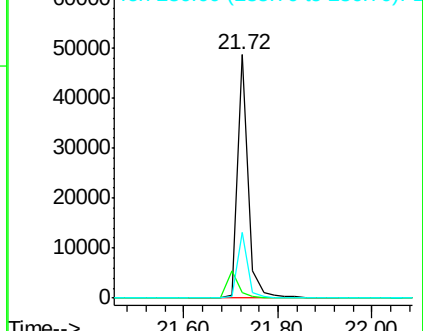
236 26.7 24.6 37.0

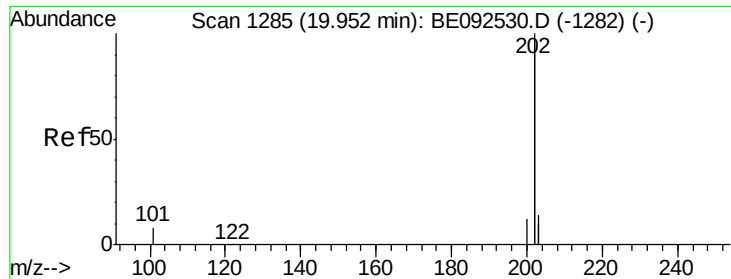


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

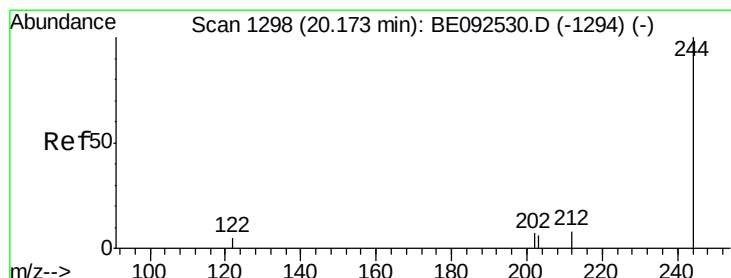
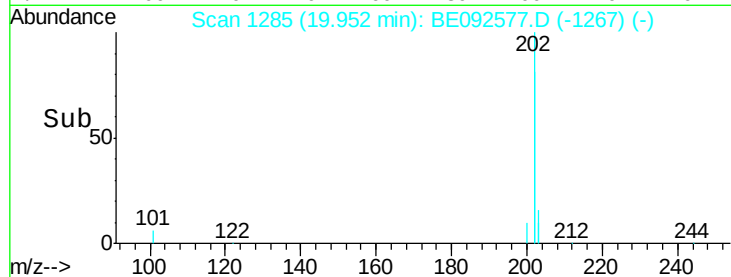
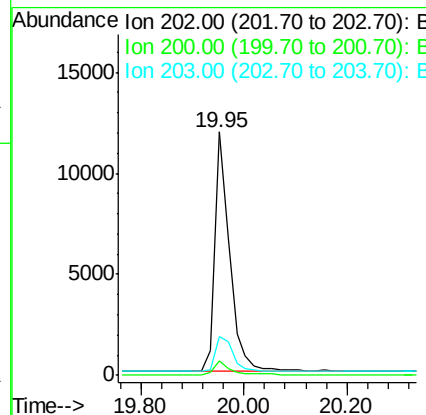
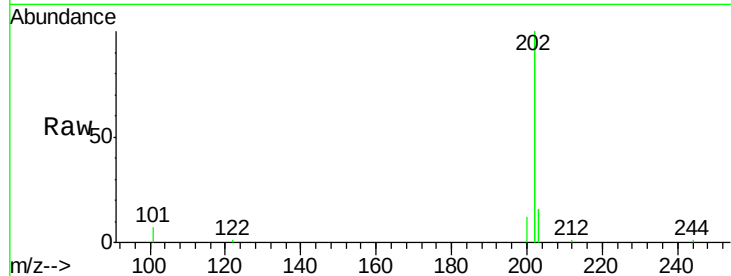




#25
 Pyrene
 Concen: 0.38 ng
 RT: 19.95 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BE092577.D
 Acq: 23 Nov 2016 13:33

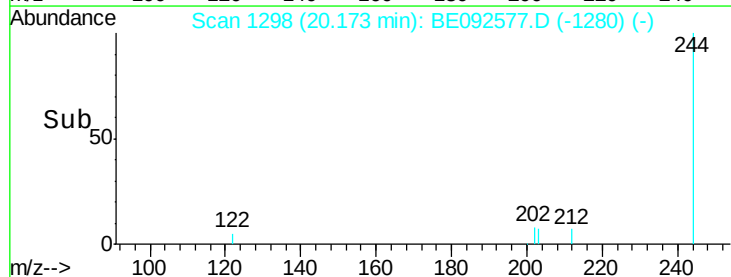
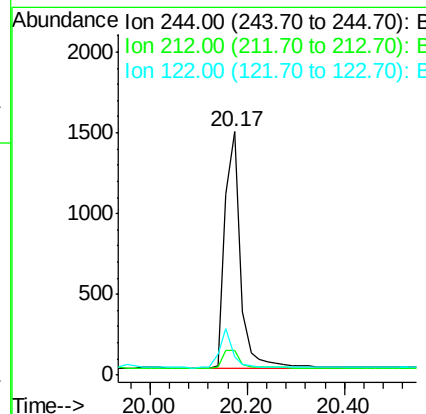
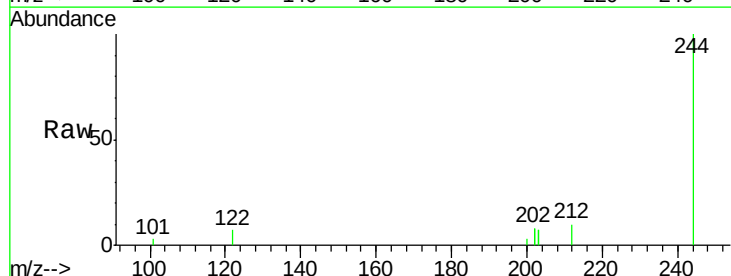
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

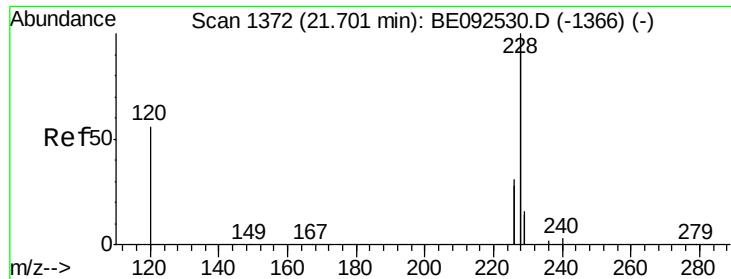
Tgt Ion: 202 Resp: 23537
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 20.17 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092577.D
 Acq: 23 Nov 2016 13:33

Tgt Ion: 244 Resp: 3275
 Ion Ratio Lower Upper
 244 100
 212 10.1 6.7 10.1#
 122 7.4 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.80 ng

RT: 21.70 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

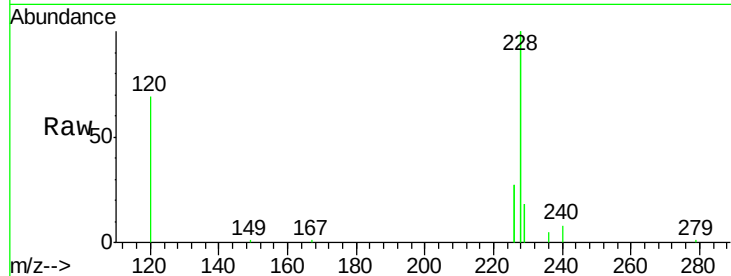
Tgt Ion:228 Resp: 52995

Ion Ratio Lower Upper

228 100

226 26.7 23.6 35.4

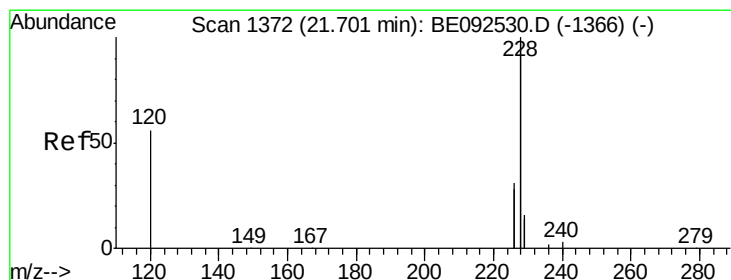
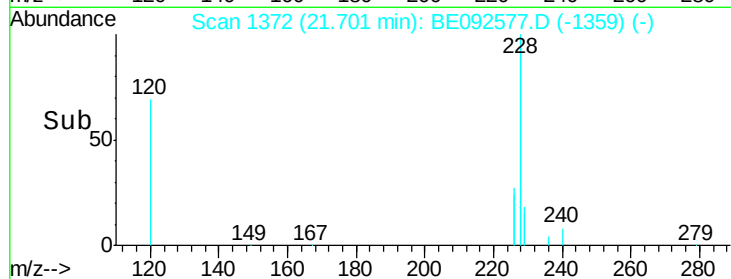
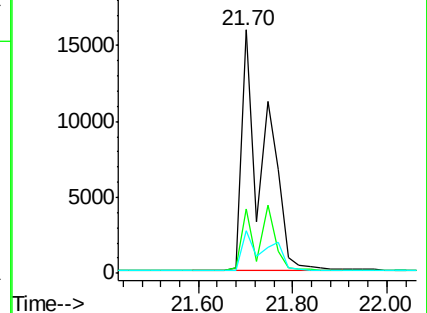
229 17.7 13.3 19.9



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: 0.81 ng

RT: 21.70 min Scan# 1372

Delta R.T. -0.07 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

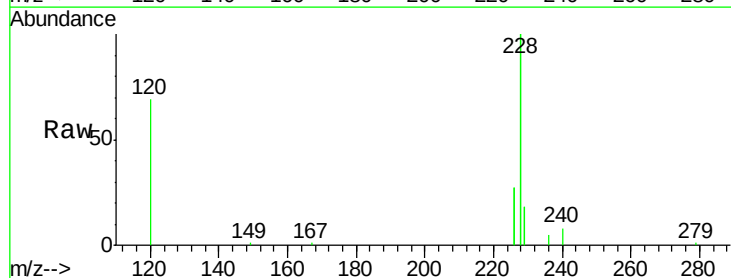
Tgt Ion:228 Resp: 53290

Ion Ratio Lower Upper

228 100

226 26.7 36.3 54.5#

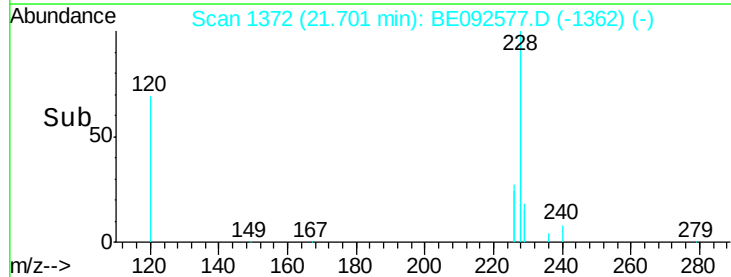
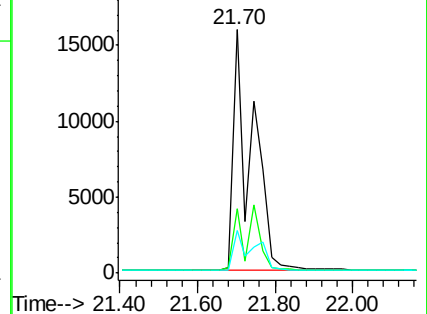
229 17.7 10.6 16.0#

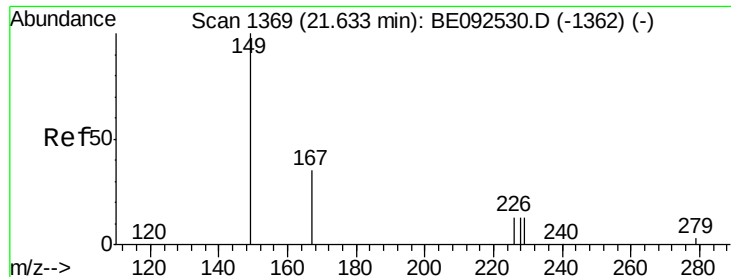


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.61 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

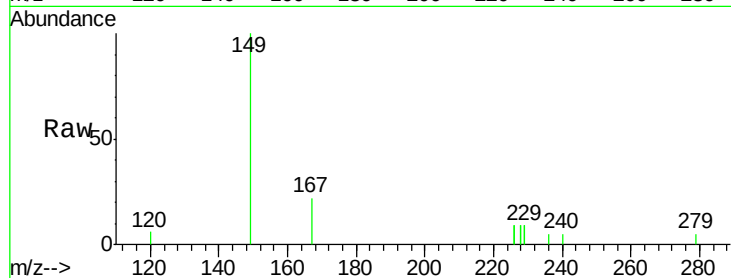
Tgt Ion:149 Resp: 1641

Ion Ratio Lower Upper

149 100

167 22.4 16.0 24.0

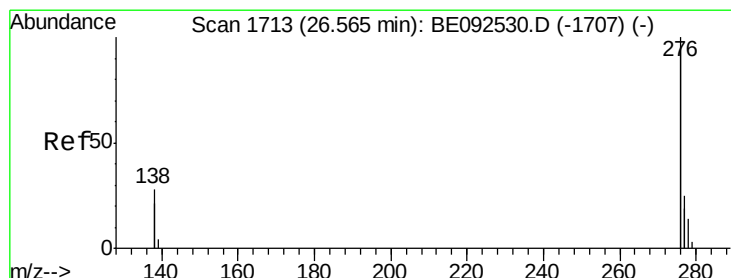
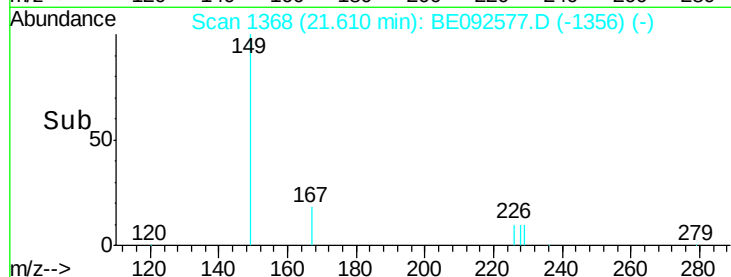
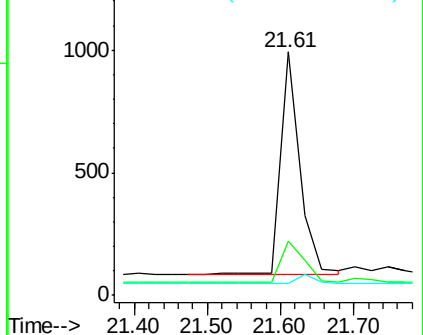
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng

RT: 26.56 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

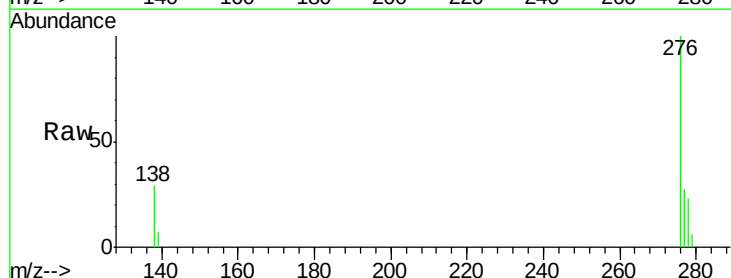
Tgt Ion:276 Resp: 25180

Ion Ratio Lower Upper

276 100

138 27.7 20.3 30.5

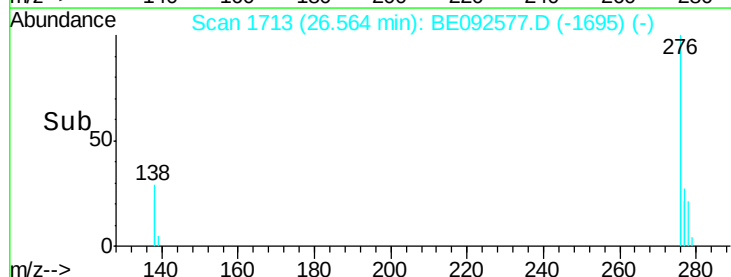
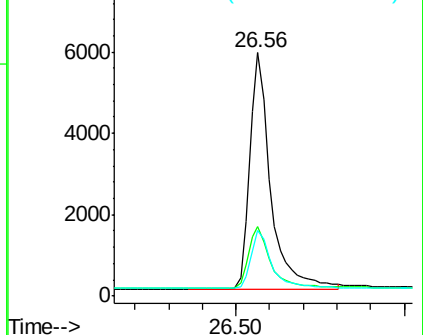
277 24.8 19.7 29.5

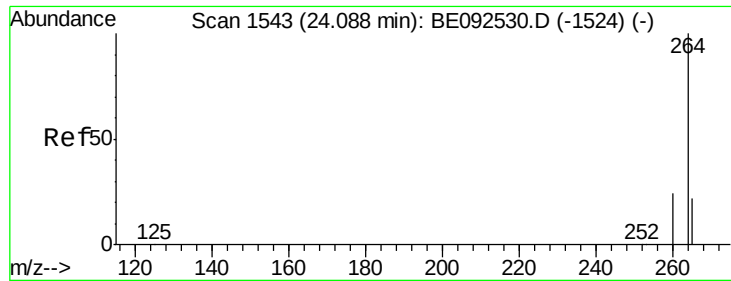


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

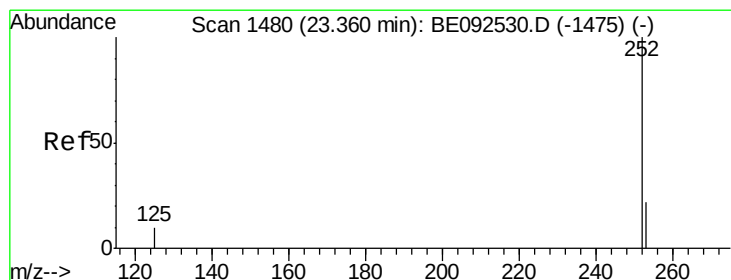
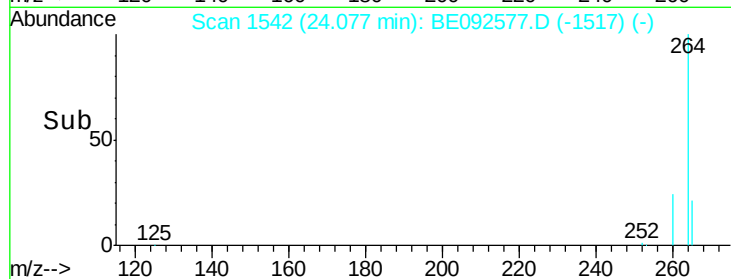
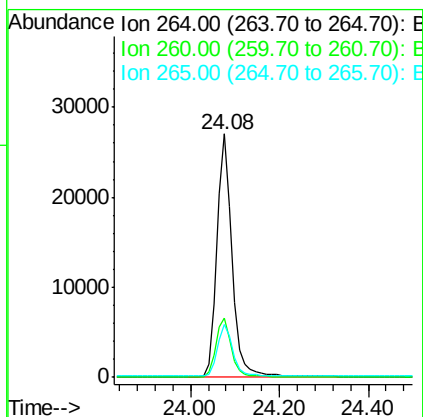
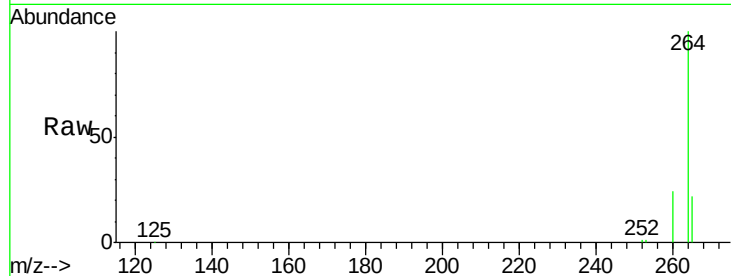




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BE092577.D
 Acq: 23 Nov 2016 13:33

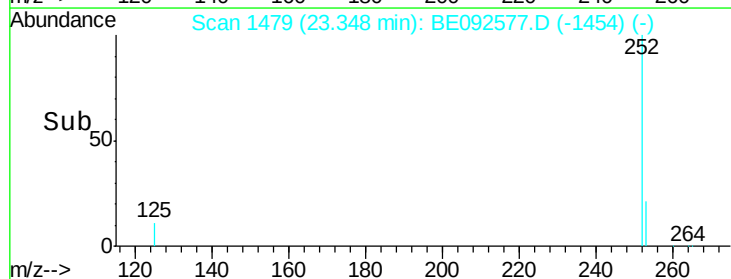
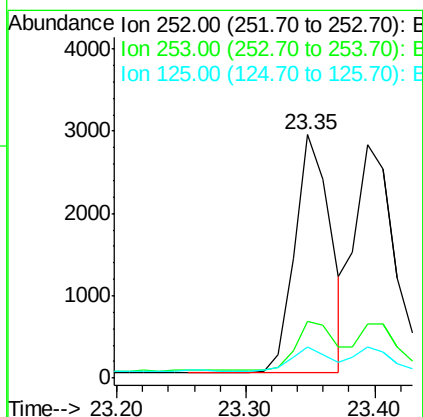
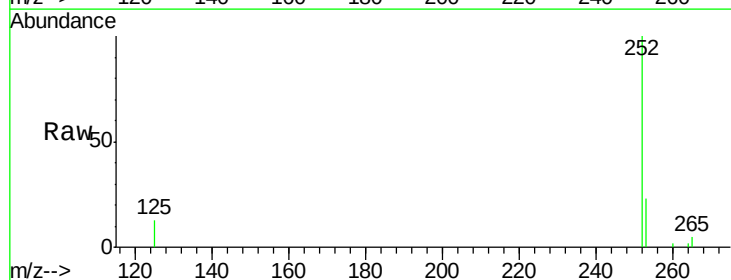
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

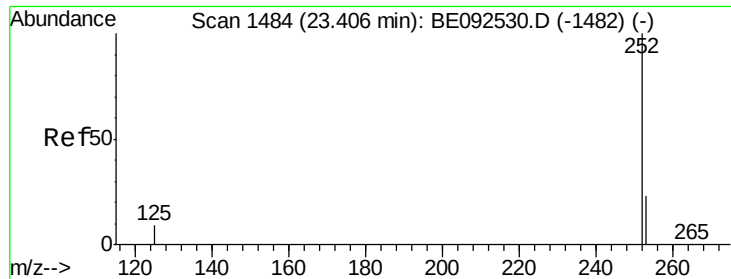
Tgt Ion: 264 Resp: 64466
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 21.8 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.36 ng
 RT: 23.35 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092577.D
 Acq: 23 Nov 2016 13:33

Tgt Ion: 252 Resp: 5576
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.7 28.1
 125 12.8 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.39 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

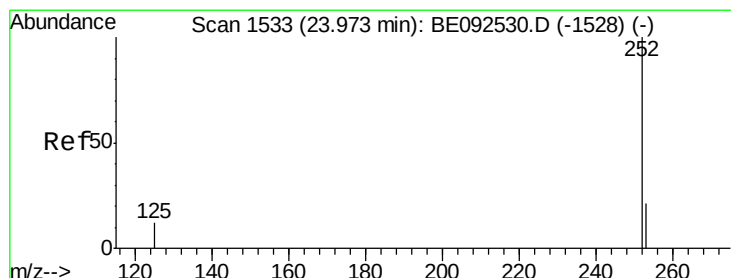
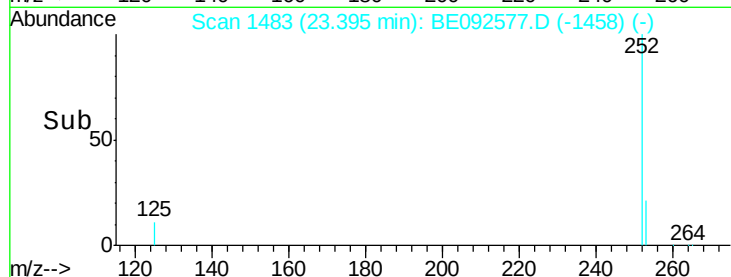
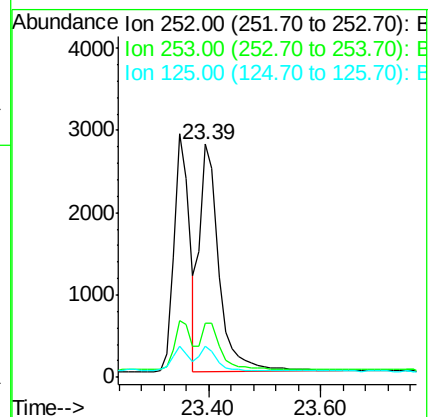
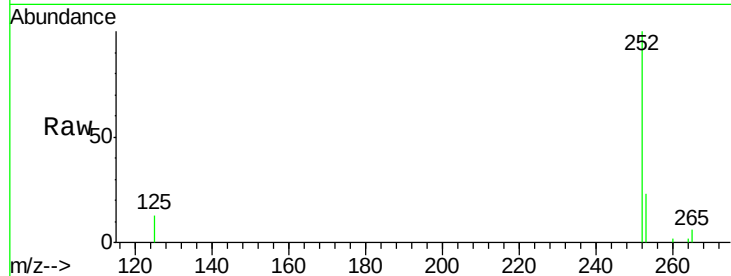
Tgt Ion:252 Resp: 6488

Ion Ratio Lower Upper

252 100

253 23.2 20.3 30.5

125 13.2 9.6 14.4



#34

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.97 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

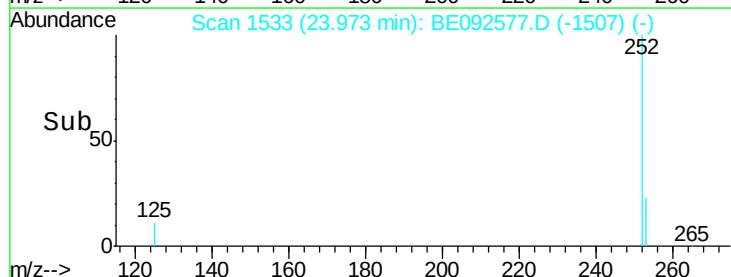
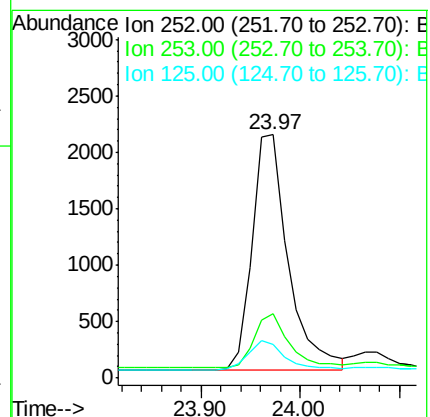
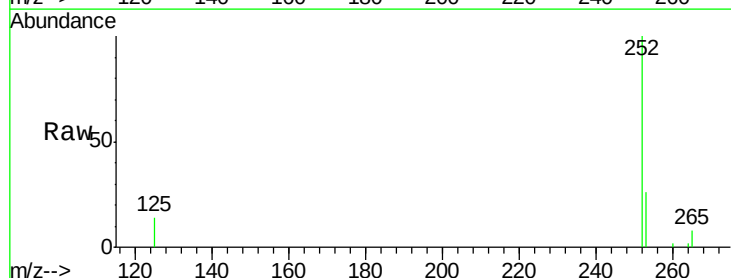
Tgt Ion:252 Resp: 5290

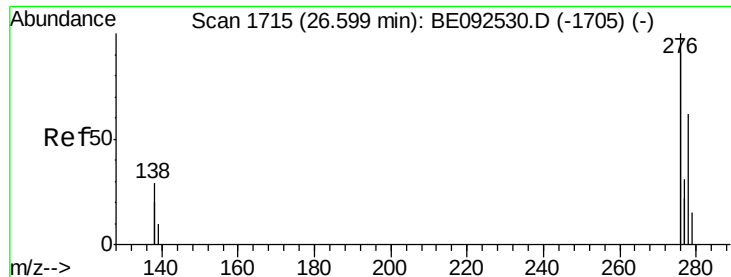
Ion Ratio Lower Upper

252 100

253 26.2 19.0 28.6

125 14.0 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.58 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

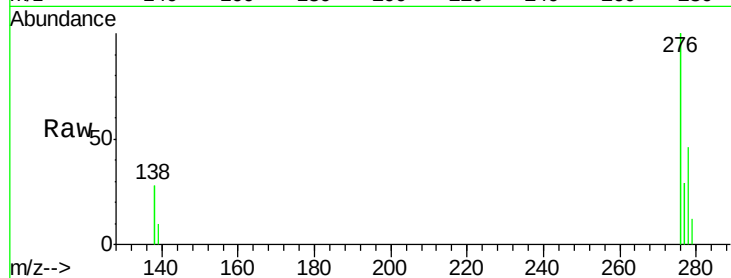
Tgt Ion: 278 Resp: 5089

Ion Ratio Lower Upper

278 100

139 22.4 13.8 20.8#

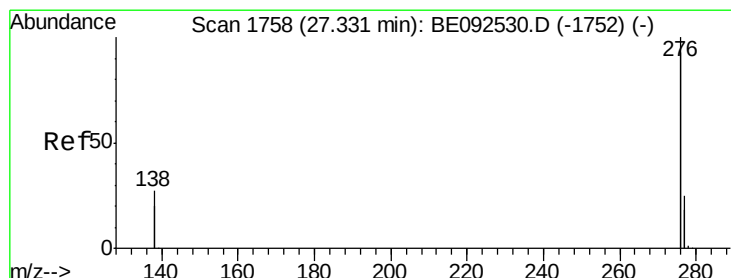
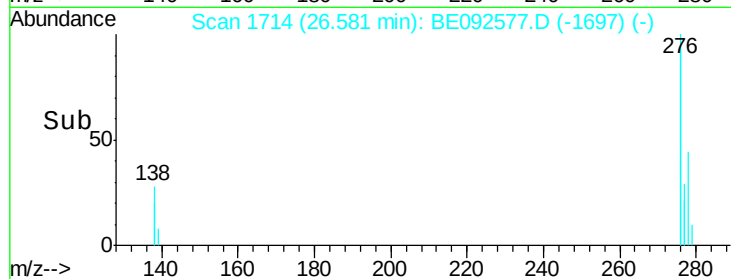
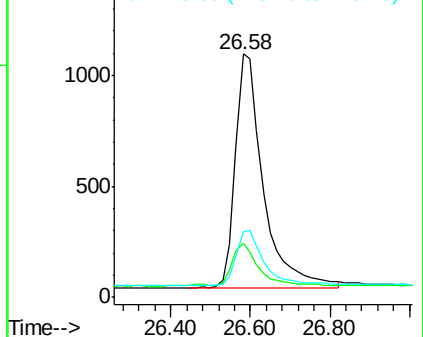
279 26.8 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.33 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BE092577.D

Acq: 23 Nov 2016 13:33

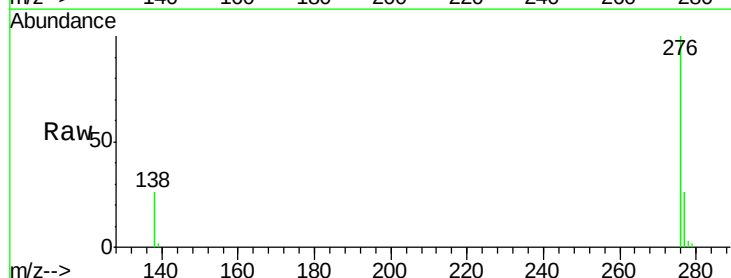
Tgt Ion: 276 Resp: 22404

Ion Ratio Lower Upper

276 100

277 26.3 19.8 29.8

138 25.6 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

