

Data Path : Z:\HPCHEM1\BNA_E\Data\BE090216\
 Data File : BE092347.D
 Acq On : 2 Sep 2016 17:24
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Sep 02 18:16:27 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 18:16:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9981	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	49314	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	29465	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	67273	5.00	ng	0.02
24) Chrysene-d12	21.75	240	100183	5.00	ng	0.00
31) Perylene-d12	24.11	264	90849	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	7454	3.29	ng	-0.01
5) Phenol-d6	7.33	99	10798	3.64	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10828	3.18	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	3453	3.93	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	27539	3.01	ng	-0.01
26) Terphenyl-d14	20.17	244	41362	2.63	ng	0.00

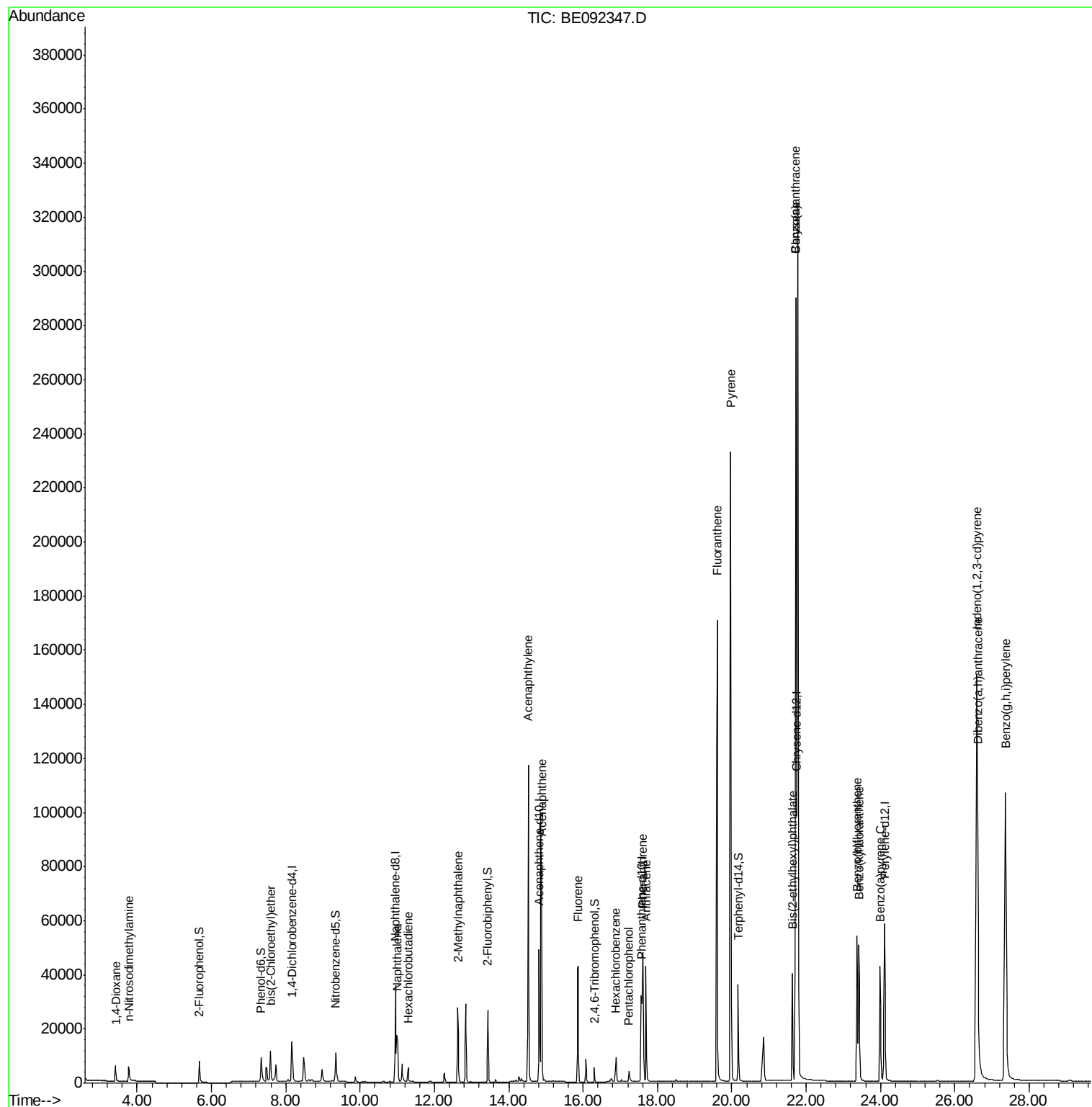
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	3761	2.46	ng	93
3) n-Nitrosodimethylamine	3.77	42	5051	3.98	ng	99
6) bis(2-Chloroethyl)ether	7.59	93	9674	3.90	ng	# 90
9) Naphthalene	10.99	128	32076	2.83	ng	# 95
10) Hexachlorobutadiene	11.30	225	4902	2.74	ng	100
11) 2-Methylnaphthalene	12.62	142	21762	3.01	ng	95
15) Acenaphthylene	14.53	152	157398	3.13	ng	100
16) Acenaphthene	14.88	154	24039	2.83	ng	97
17) Fluorene	15.87	166	31656	3.06	ng	100
19) Hexachlorobenzene	16.89	284	10094	3.13	ng	# 62
20) Pentachlorophenol	17.23	266	3566	5.61	ng	# 86
21) Phenanthrene	17.60	178	57465	2.95	ng	# 100
22) Anthracene	17.69	178	53955	3.37	ng	99
23) Fluoranthene	19.61	202	259471	3.17	ng	100
25) Pyrene	19.97	202	275858	2.70	ng	100
27) Benzo(a)anthracene	21.72	228	308241	2.74	ng	# 83
28) Chrysene	21.72	228	308241	2.59	ng	# 64
29) Bis(2-ethylhexyl)phthalate	21.63	149	46927	3.11	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	320933	2.65	ng	98
32) Benzo(b)fluoranthene	23.37	252	72132	3.08	ng	# 95
33) Benzo(k)fluoranthene	23.42	252	73112	2.96	ng	94
34) Benzo(a)pyrene	24.00	252	70848	3.10	ng	# 95
35) Dibenzo(a,h)anthracene	26.61	278	66708	3.20	ng	95
36) Benzo(g,h,i)perylene	27.36	276	271268	3.02	ng	96

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

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QLast Update : Fri Sep 02 18:16:14 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

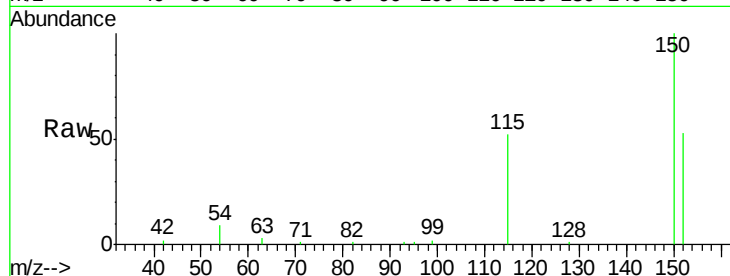
Tgt Ion:152 Resp: 9981

Ion Ratio Lower Upper

152 100

150 190.1 106.0 159.0#

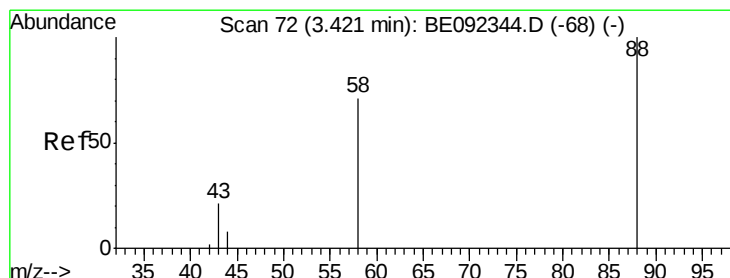
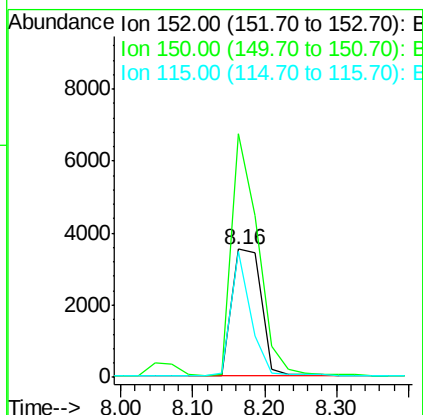
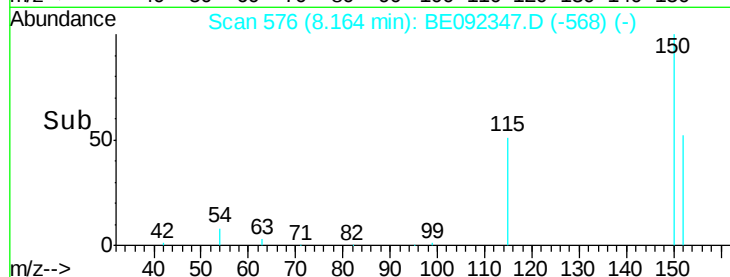
115 98.3 31.2 46.8#



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: 2.46 ng

RT: 3.42 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

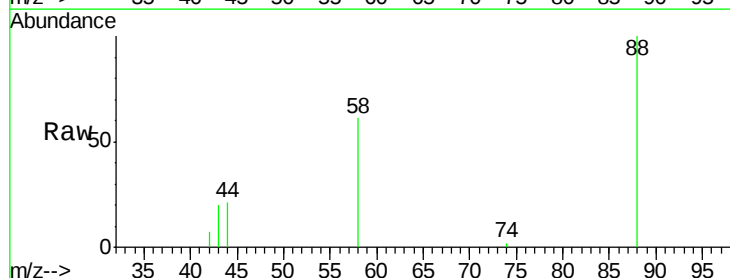
Tgt Ion: 88 Resp: 3761

Ion Ratio Lower Upper

88 100

58 86.9 63.6 95.4

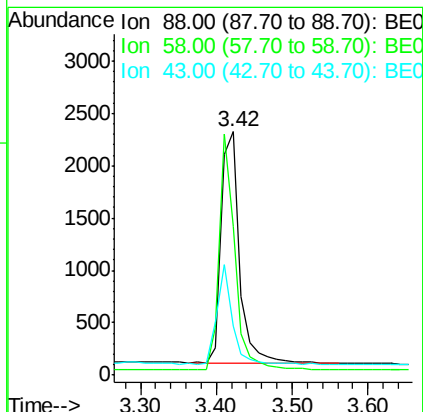
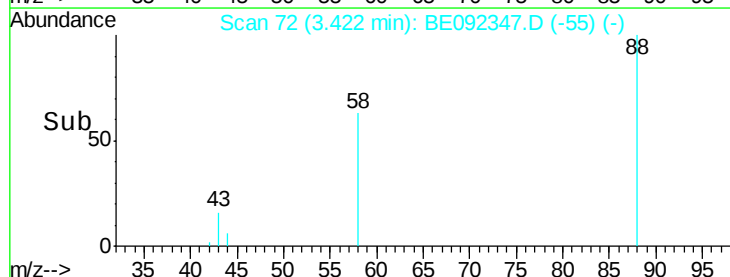
43 36.2 28.0 42.0

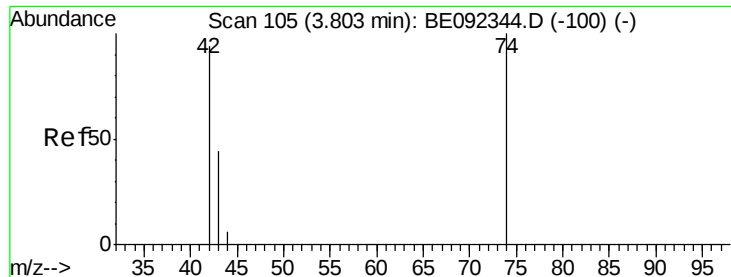


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.98 ng

RT: 3.77 min Scan# 102

Delta R.T. -0.03 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

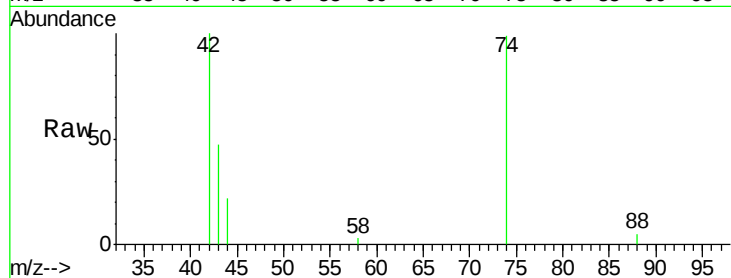
Tgt Ion: 42 Resp: 5051

Ion Ratio Lower Upper

42 100

74 106.9 86.0 129.0

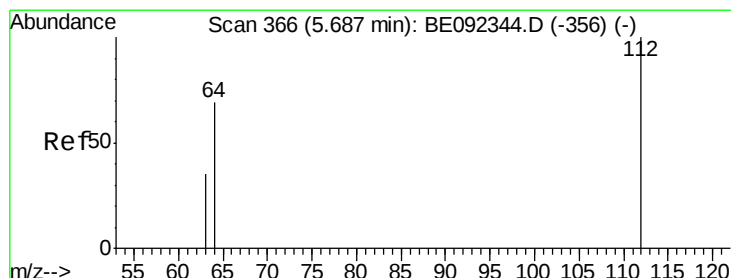
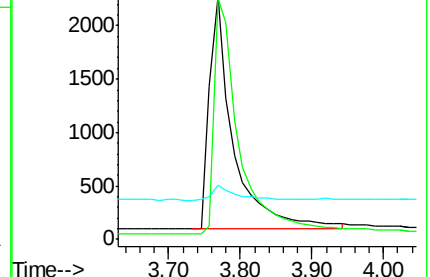
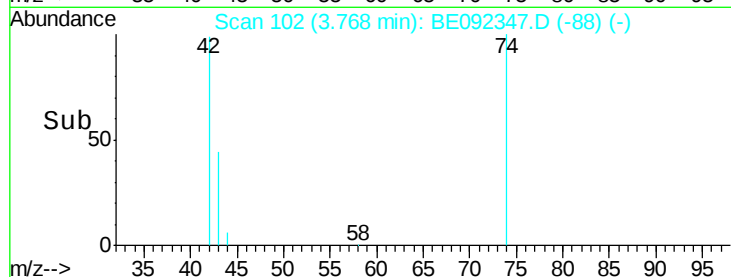
44 6.4 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE092347.D (-100) (-)

Ion 74.00 (73.70 to 74.70): BE092347.D (-100) (-)

Ion 44.00 (43.70 to 44.70): BE092347.D (-100) (-)



#4

2-Fluorophenol

Concen: 3.29 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

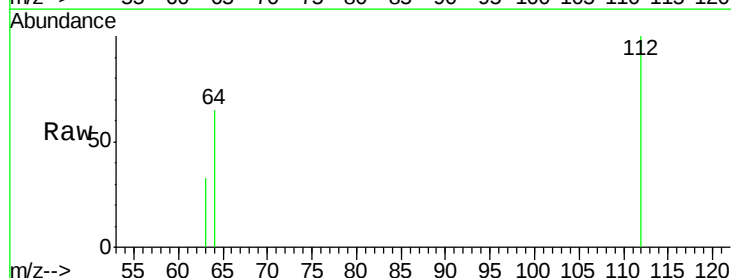
Tgt Ion: 112 Resp: 7454

Ion Ratio Lower Upper

112 100

64 67.0 53.5 80.3

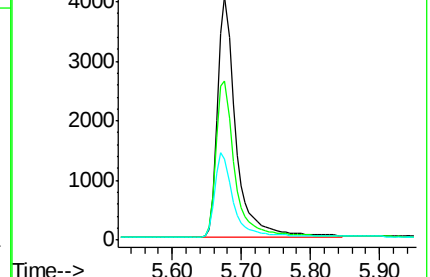
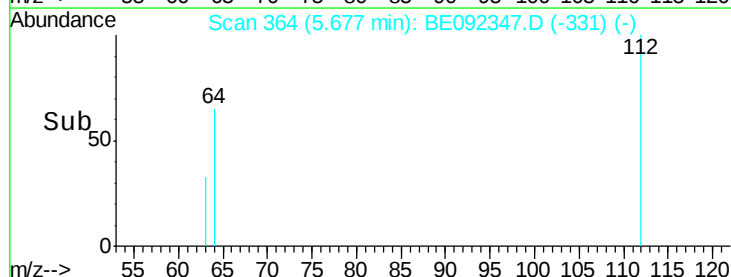
63 35.7 27.9 41.9

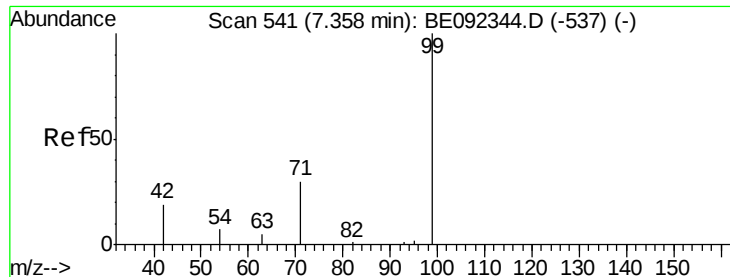


Abundance Ion 112.00 (111.70 to 112.70): BE092347.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE092347.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE092347.D (-356) (-)





#5

Phenol-d6

Concen: 3.64 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

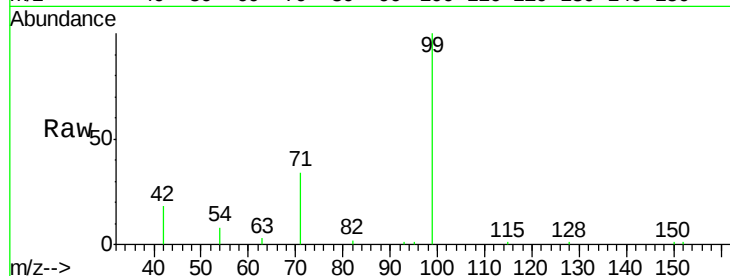
Tgt Ion: 99 Resp: 10798

Ion Ratio Lower Upper

99 100

42 23.2 0.0 0.0#

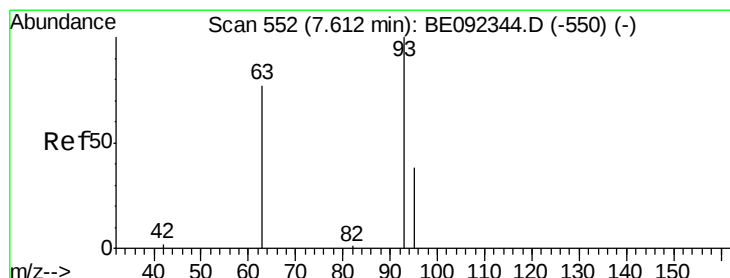
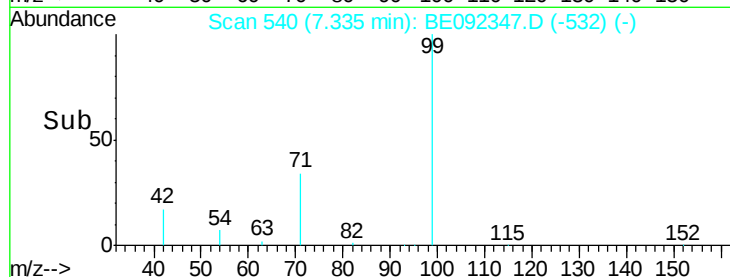
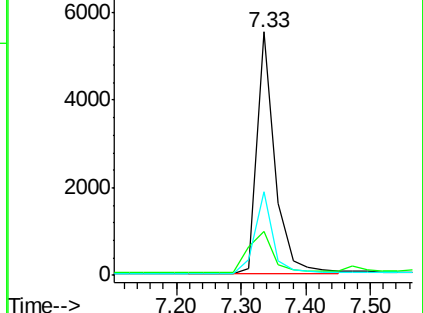
71 33.3 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.90 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

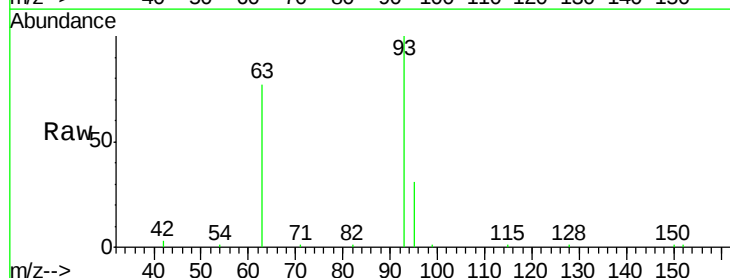
Tgt Ion: 93 Resp: 9674

Ion Ratio Lower Upper

93 100

63 80.0 71.6 107.4

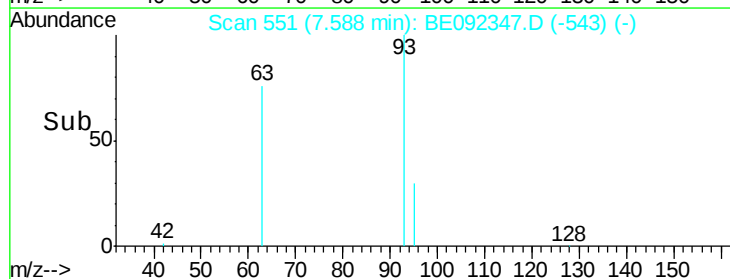
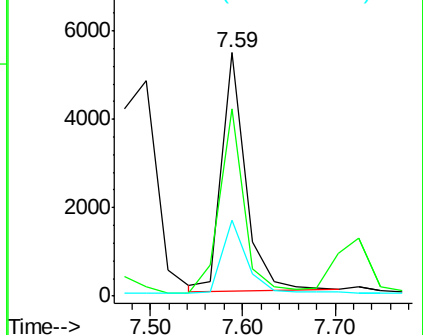
95 32.3 0.0 0.0#

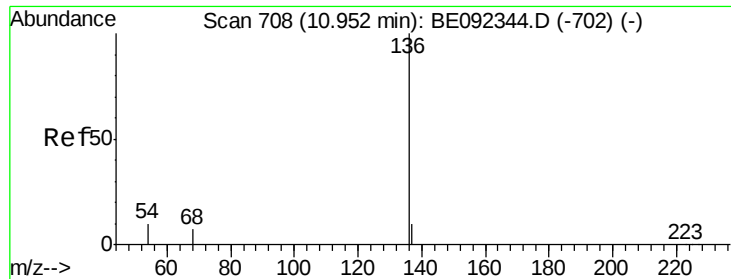


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

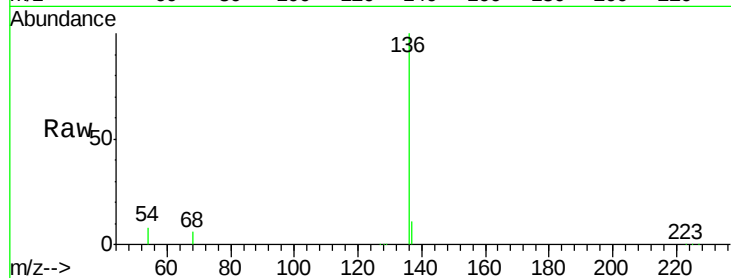
Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:	136	Resp:	49314
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	7.7	9.6	14.4#
68	5.9	6.7	10.1#

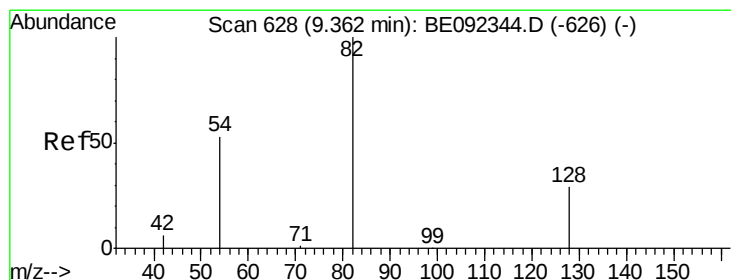
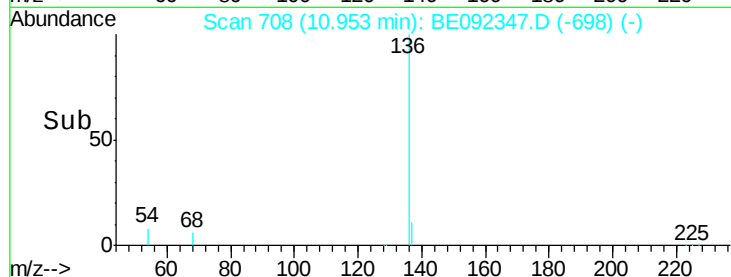
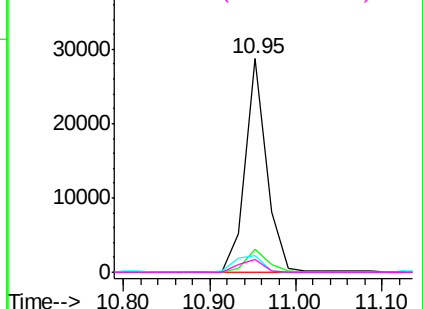


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.18 ng

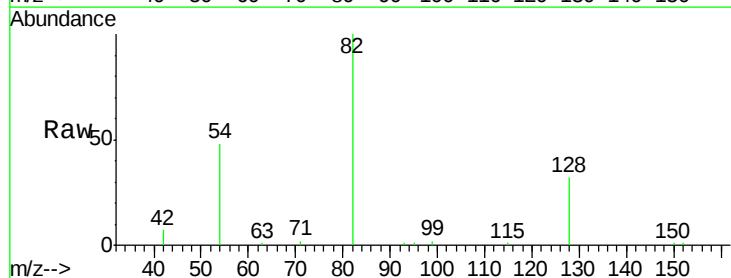
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

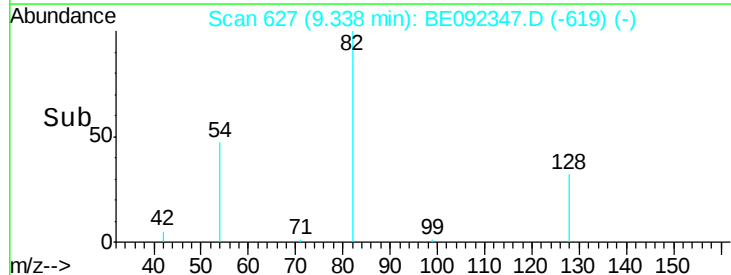
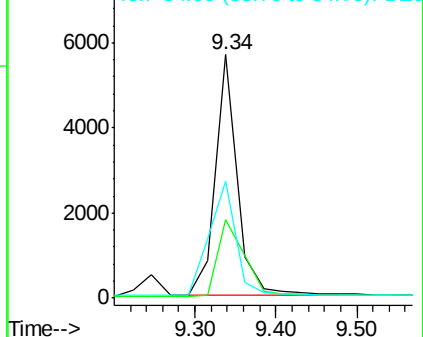
Tgt Ion:	82	Resp:	10828
Ion	Ratio	Lower	Upper
82	100		
128	32.4	39.0	58.4#
54	47.8	44.8	67.2



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: 2.83 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

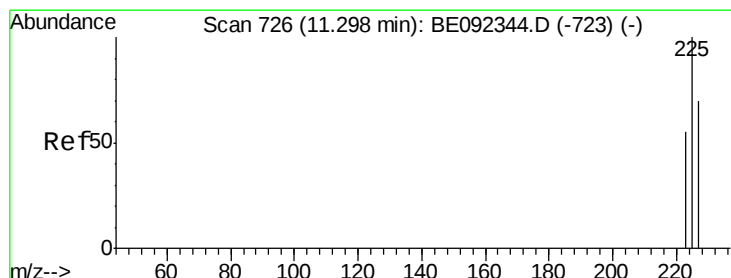
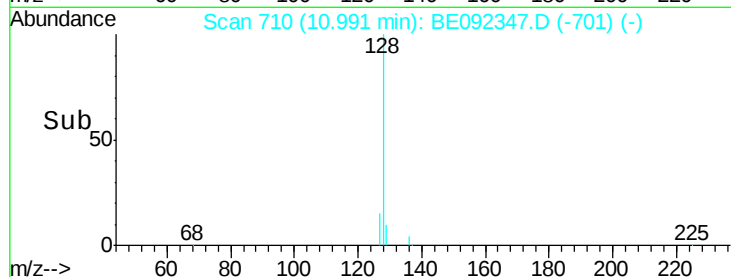
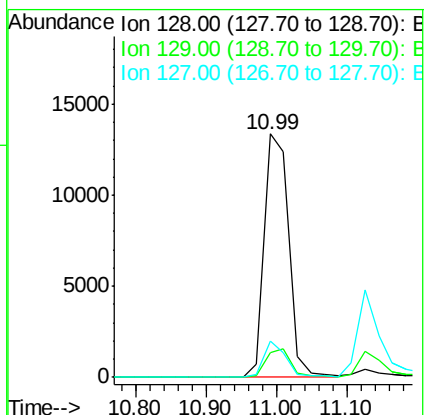
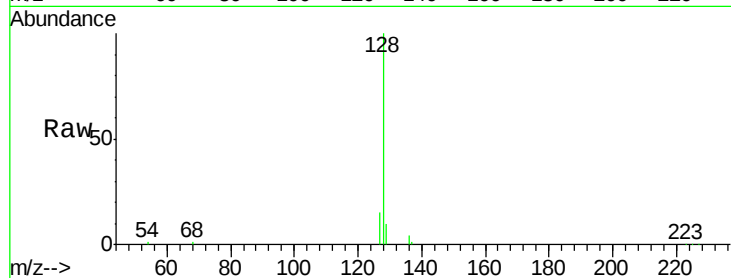
Tgt Ion:128 Resp: 32076

Ion Ratio Lower Upper

128 100

129 10.1 11.2 16.8#

127 15.0 11.6 17.4



#10

Hexachlorobutadiene

Concen: 2.74 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

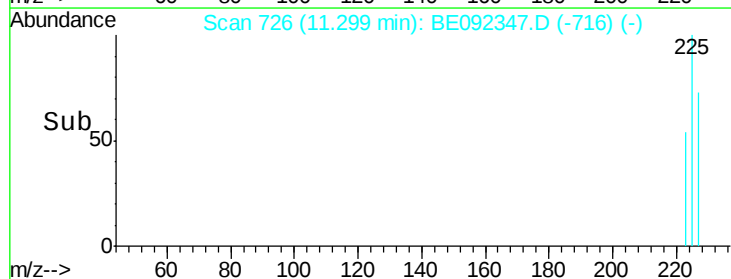
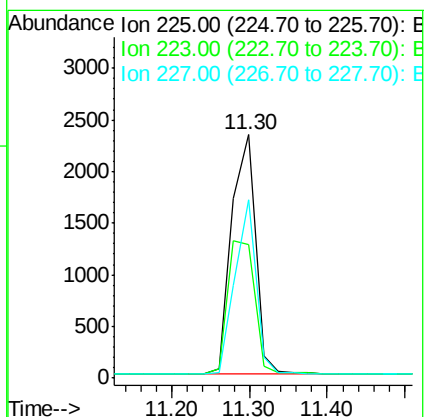
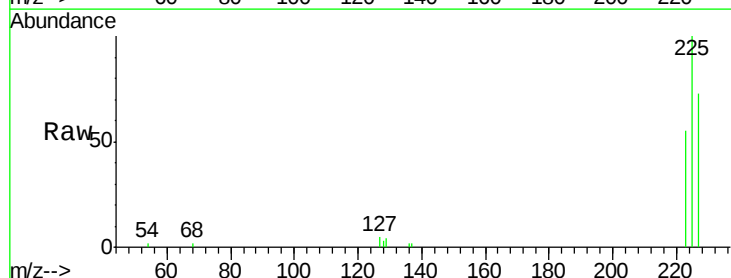
Tgt Ion:225 Resp: 4902

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 64.4 51.4 77.0





#11

2-Methylnaphthalene

Concen: 3.01 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

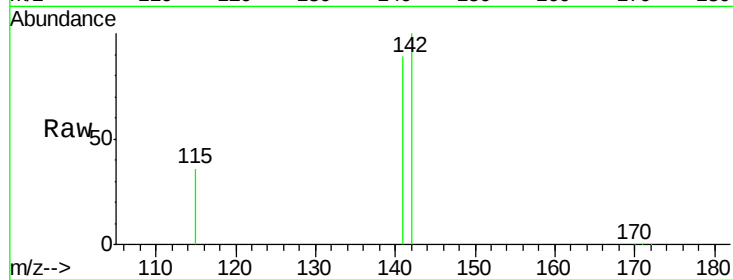
Tgt Ion:142 Resp: 21762

Ion Ratio Lower Upper

142 100

141 89.0 73.7 110.5

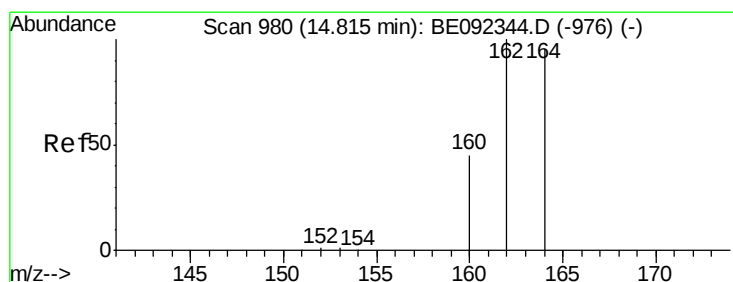
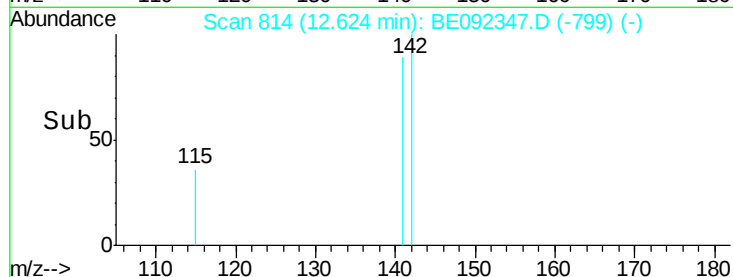
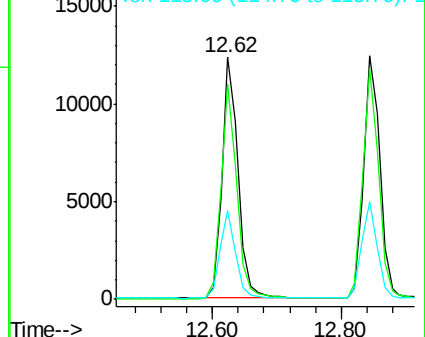
115 36.4 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

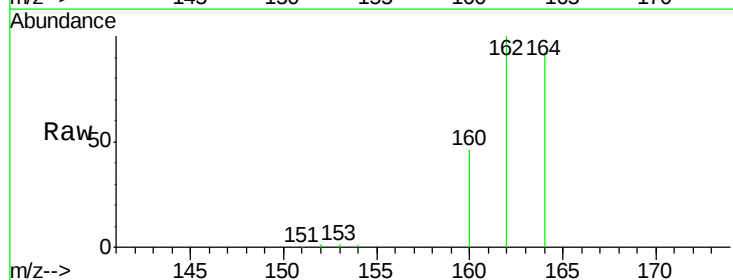
Tgt Ion:164 Resp: 29465

Ion Ratio Lower Upper

164 100

162 108.6 71.4 107.0#

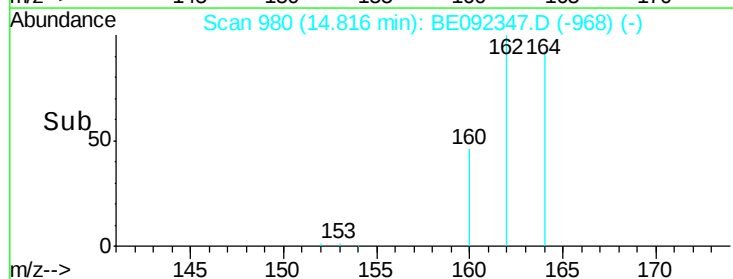
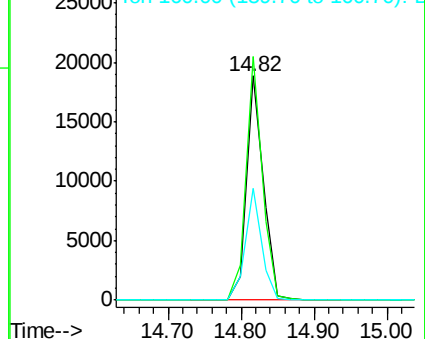
160 49.9 27.4 41.2#

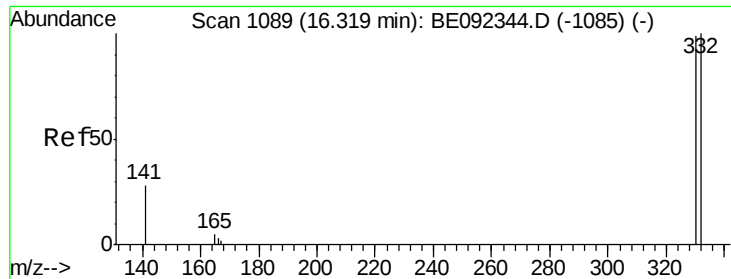


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

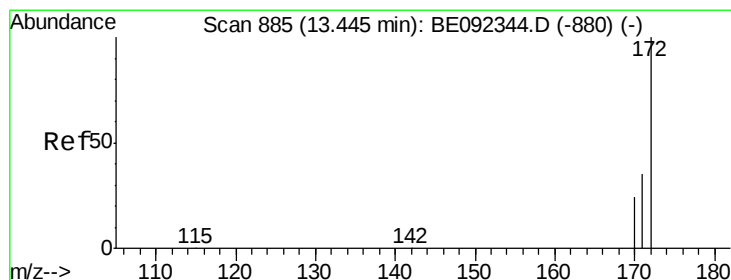
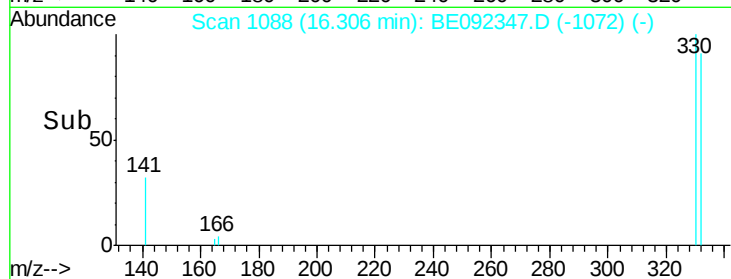
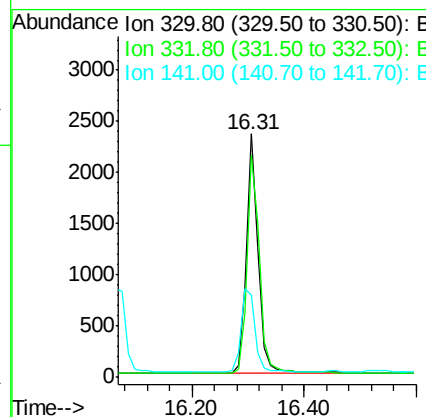
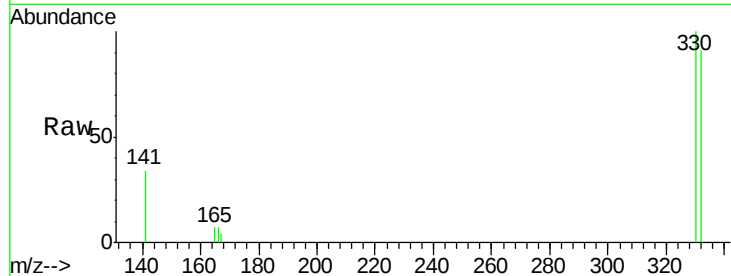




#13
 2,4,6-Tribromophenol
 Concen: 3.93 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

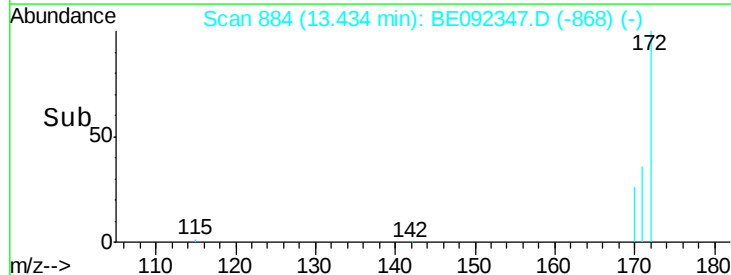
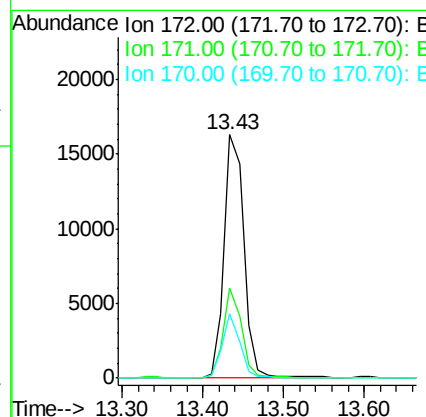
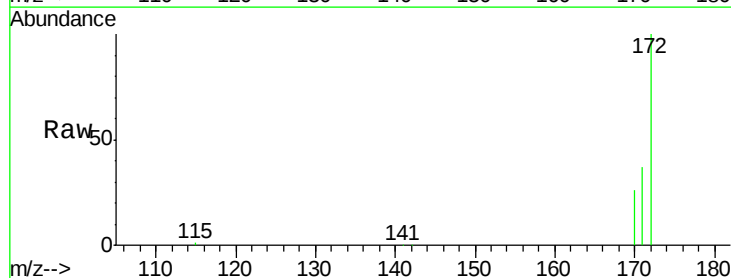
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

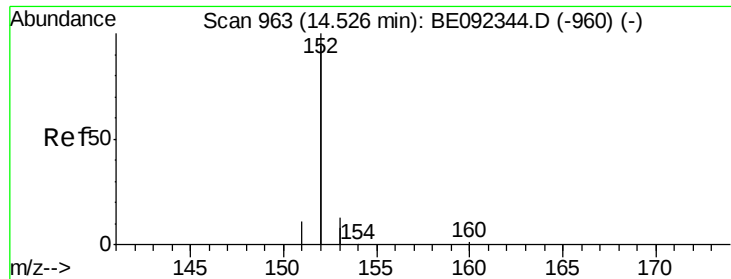
Tgt Ion:330 Resp: 3453
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 41.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.01 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

Tgt Ion:172 Resp: 27539
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 26.5 21.8 32.6





#15

Acenaphthylene

Concen: 3.13 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

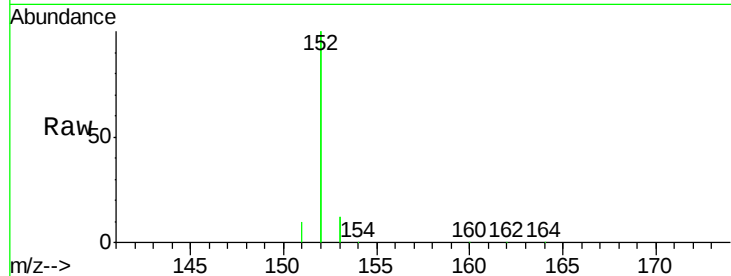
Tgt Ion:152 Resp: 157398

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

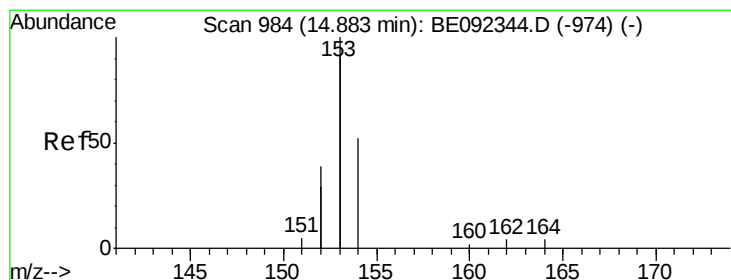
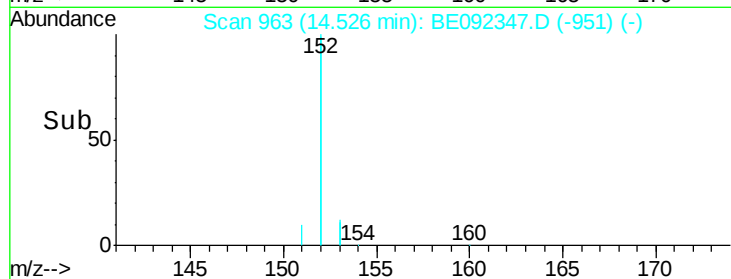
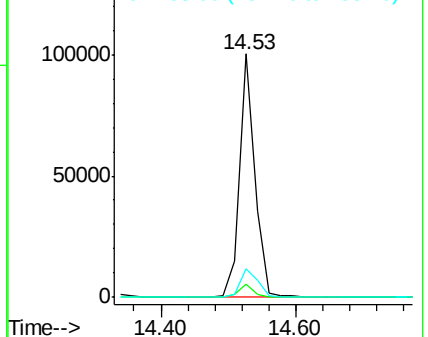
153 13.0 10.4 15.6



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: 2.83 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

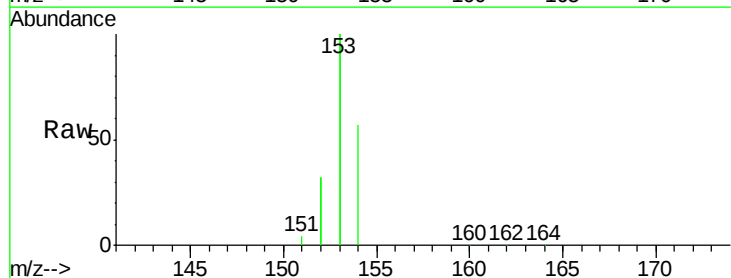
Tgt Ion:154 Resp: 24039

Ion Ratio Lower Upper

154 100

153 446.9 350.8 526.2

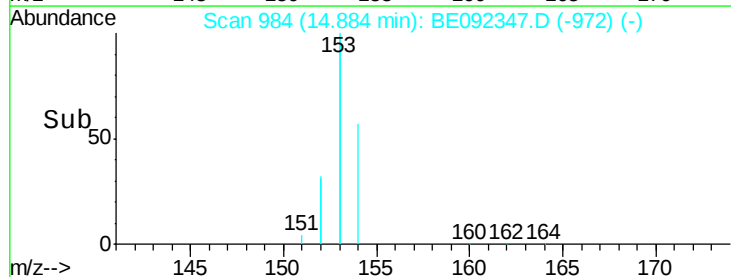
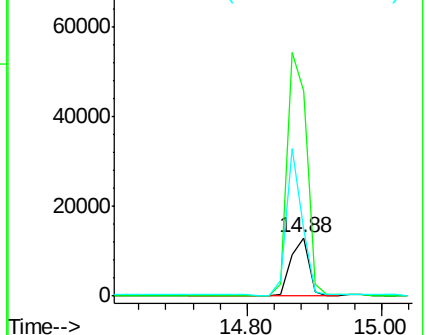
152 218.4 171.1 256.7



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: 3.06 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

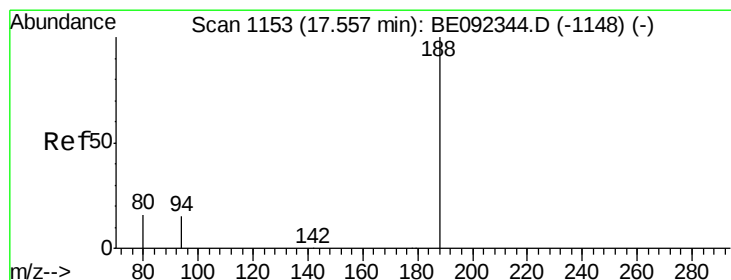
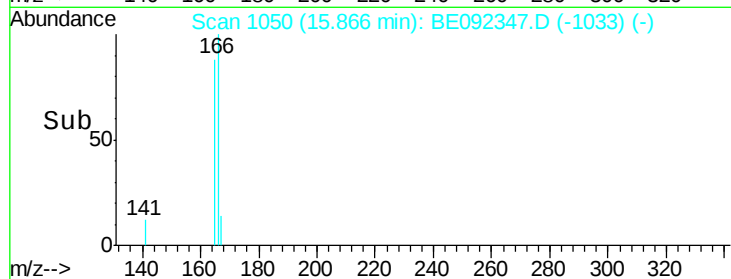
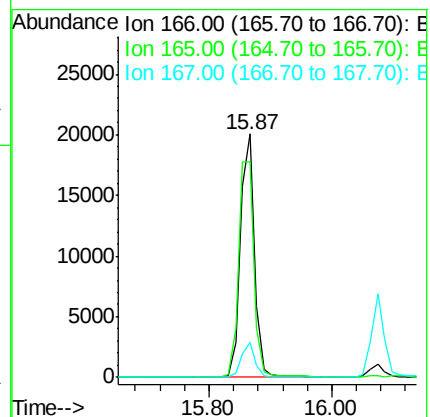
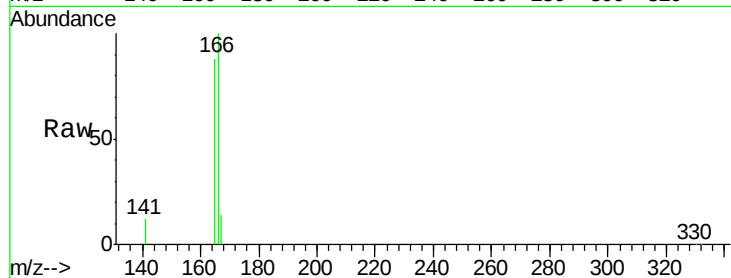
Tgt Ion:166 Resp: 31656

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.4

167 13.4 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

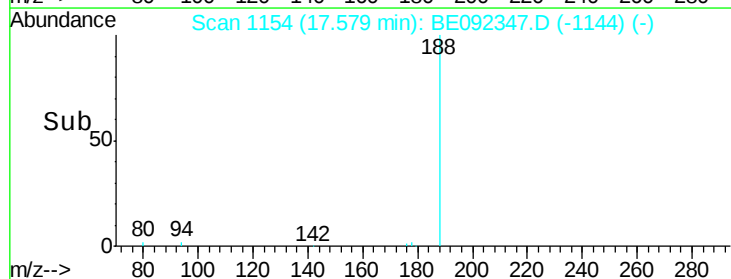
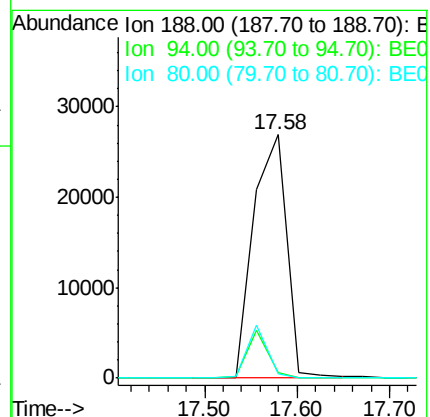
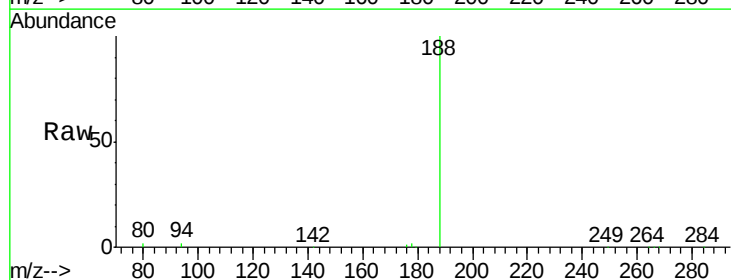
Tgt Ion:188 Resp: 67273

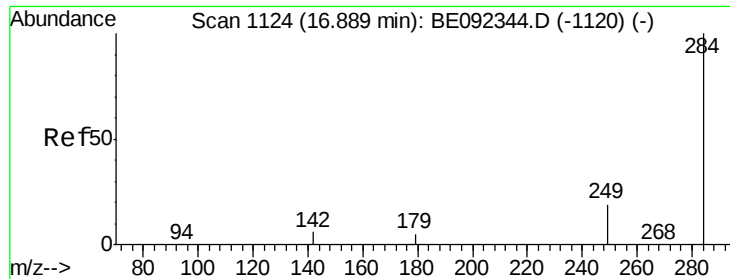
Ion Ratio Lower Upper

188 100

94 2.2 3.2 4.8#

80 1.7 2.6 3.8#

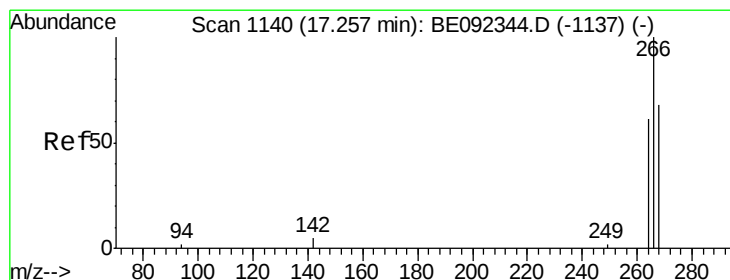
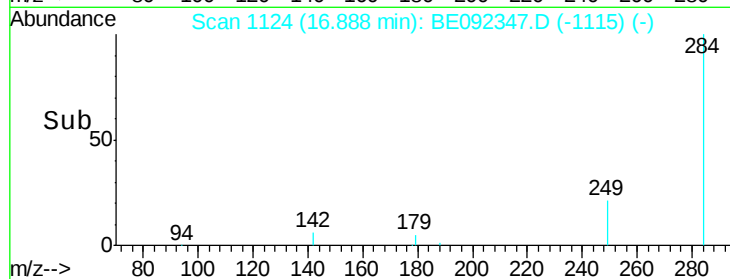
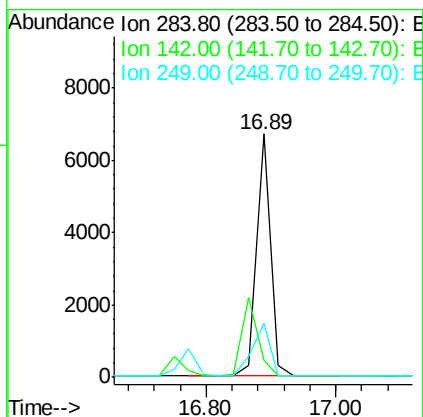
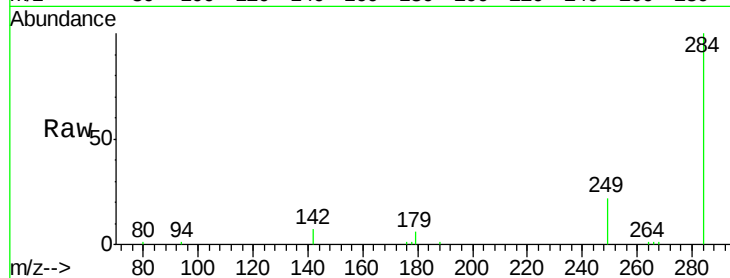




#19
Hexachlorobenzene
Concen: 3.13 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092347.D
Acq: 2 Sep 2016 17:24

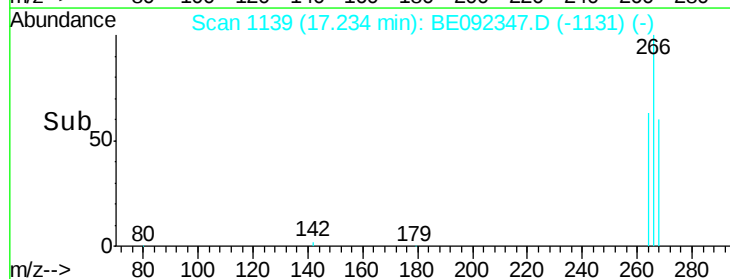
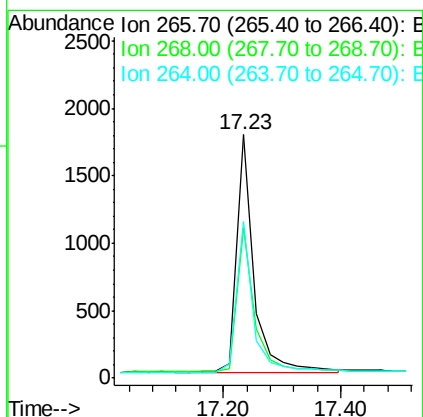
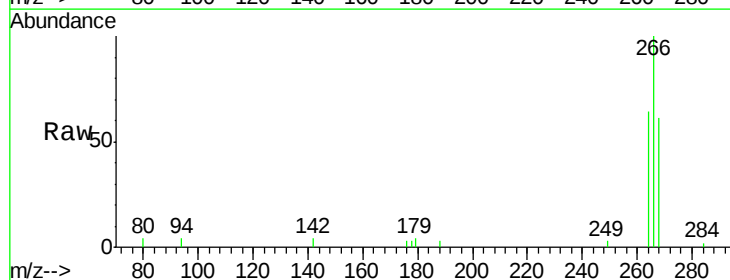
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

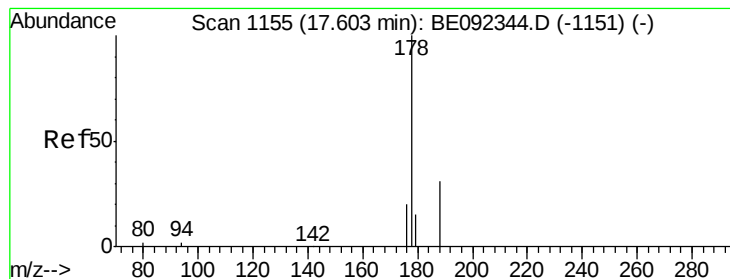
Tgt Ion: 284 Resp: 10094
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 27.2 27.9 41.9#



#20
Pentachlorophenol
Concen: 5.61 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092347.D
Acq: 2 Sep 2016 17:24

Tgt Ion: 266 Resp: 3566
Ion Ratio Lower Upper
266 100
268 61.4 62.5 93.7#
264 64.3 57.2 85.8





#21

Phenanthrene

Concen: 2.95 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

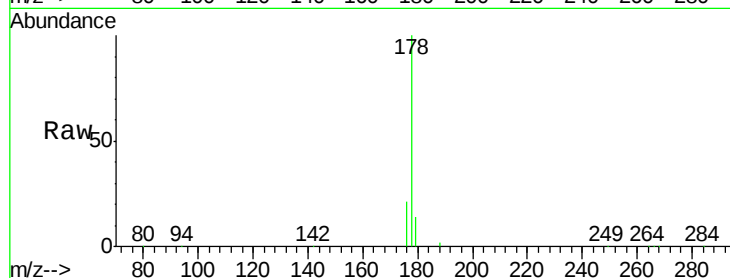
Tgt Ion:178 Resp: 57465

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

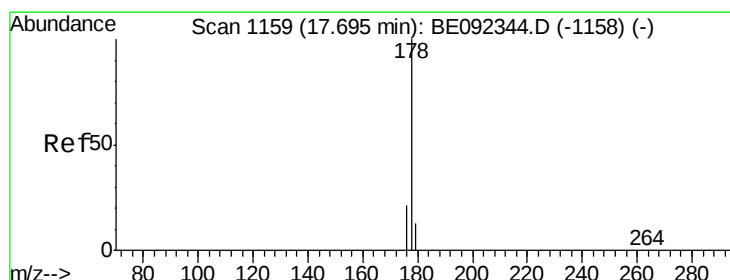
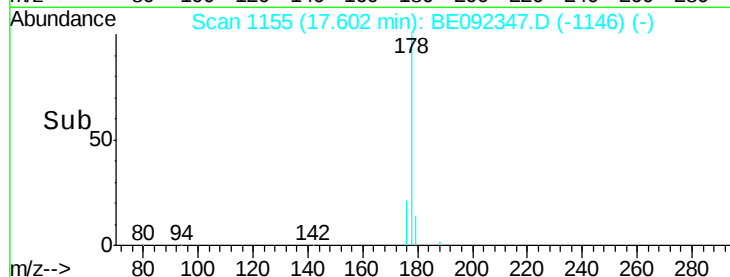
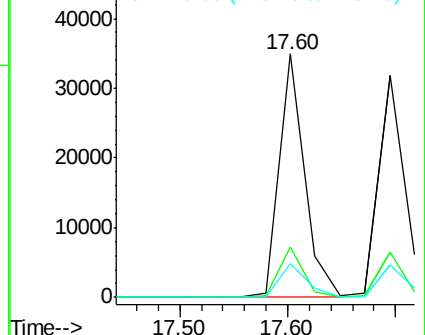
179 14.9 0.0 0.0#



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: 3.37 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

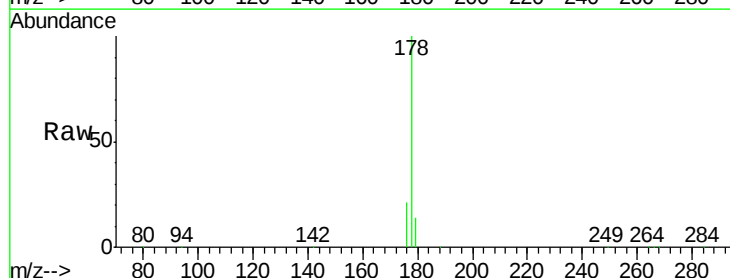
Tgt Ion:178 Resp: 53955

Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

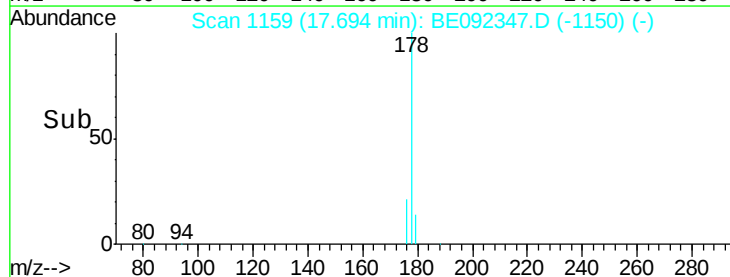
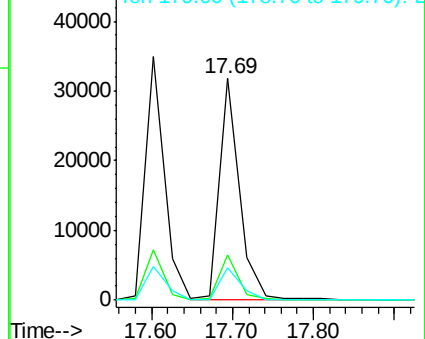
179 15.1 12.2 18.2

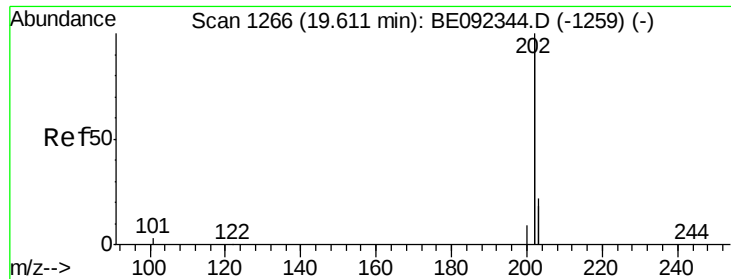


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 3.17 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

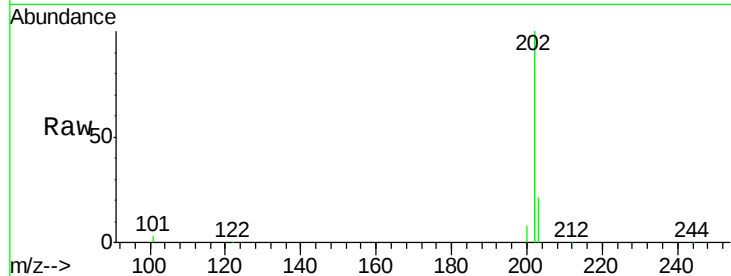
Tgt Ion: 202 Resp: 259471

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

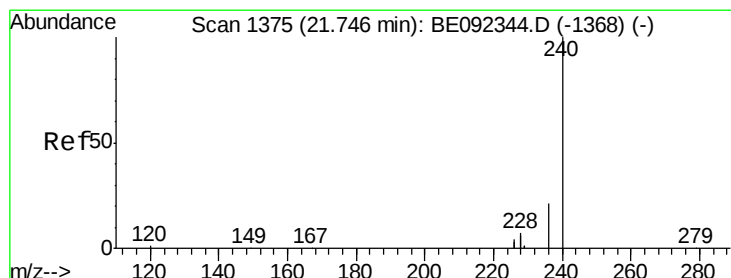
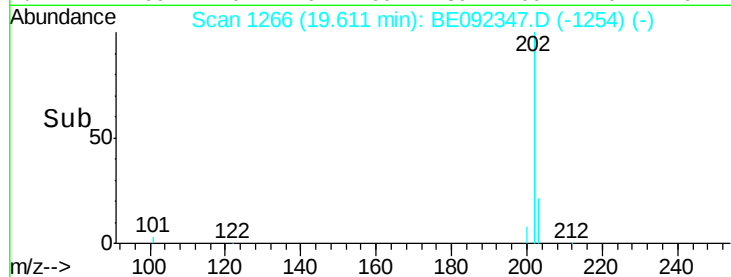
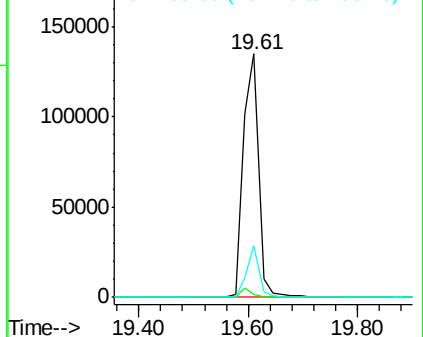
203 17.1 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

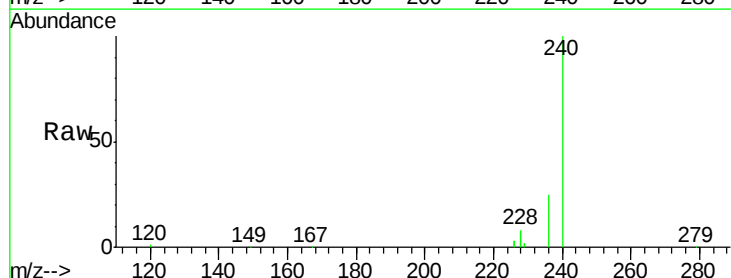
Tgt Ion: 240 Resp: 100183

Ion Ratio Lower Upper

240 100

120 0.8 2.6 4.0#

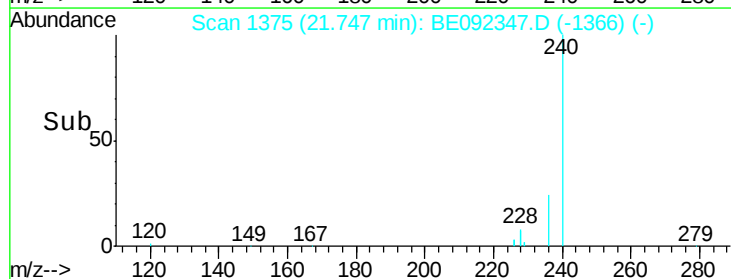
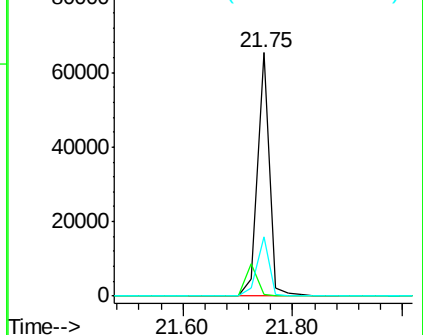
236 24.5 24.6 37.0#



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

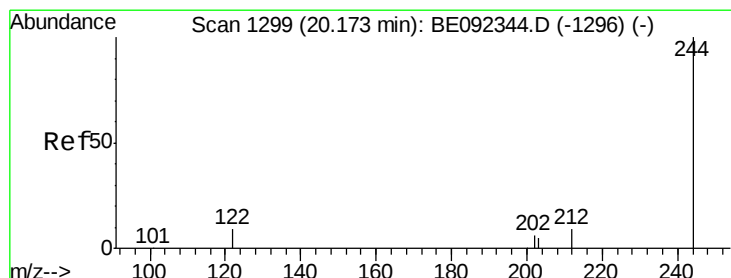
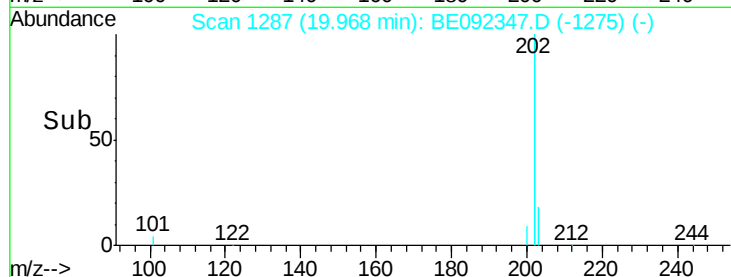
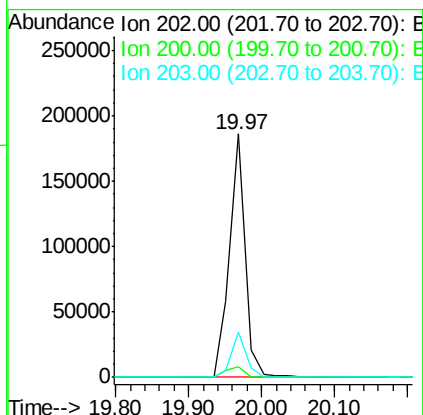
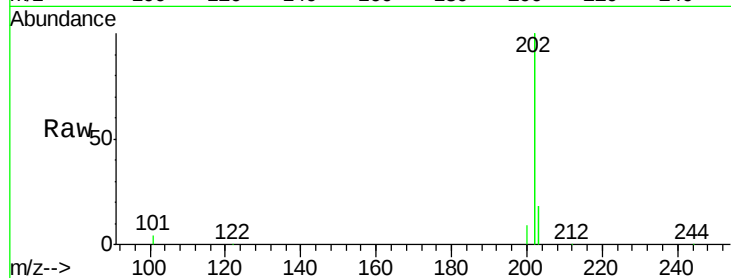




#25
 Pyrene
 Concen: 2.70 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

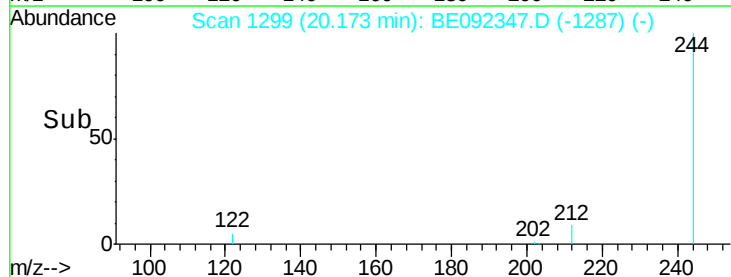
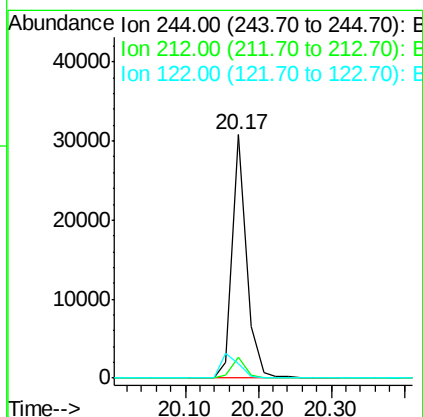
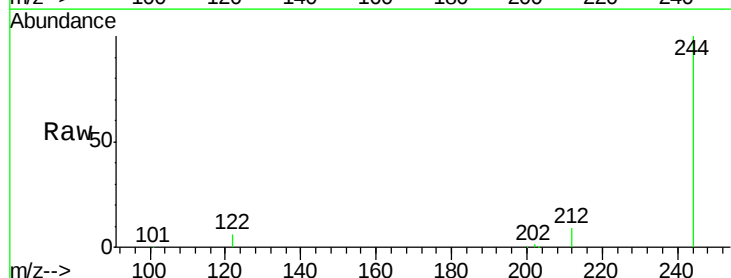
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

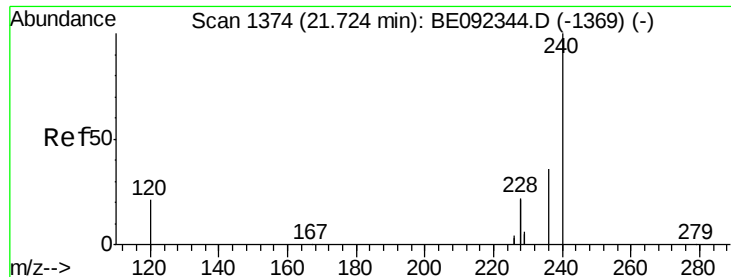
Tgt Ion: 202 Resp: 275858
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.5 13.9 20.9



#26
 Terphenyl-d14
 Concen: 2.63 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

Tgt Ion: 244 Resp: 41362
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 5.8 3.6 5.4#

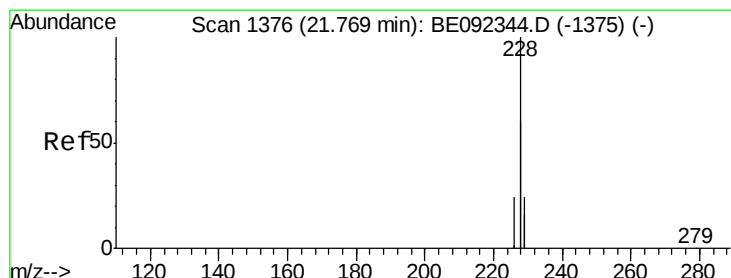
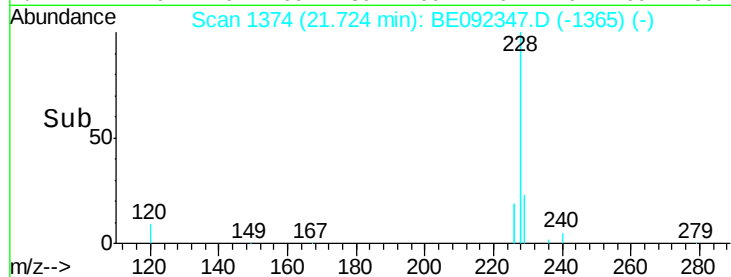
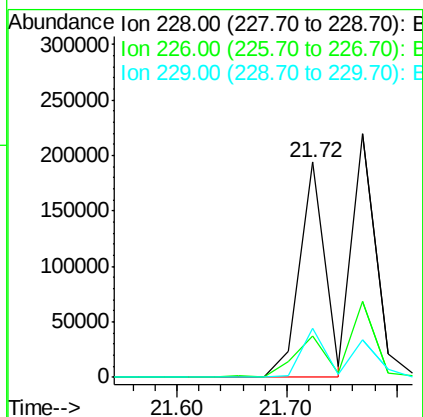
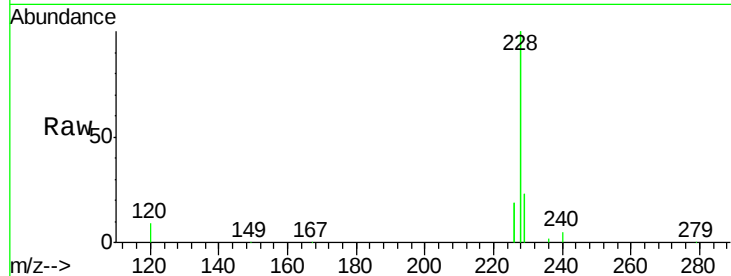




#27
Benzo(a)anthracene
Concen: 2.74 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092347.D
Acq: 2 Sep 2016 17:24

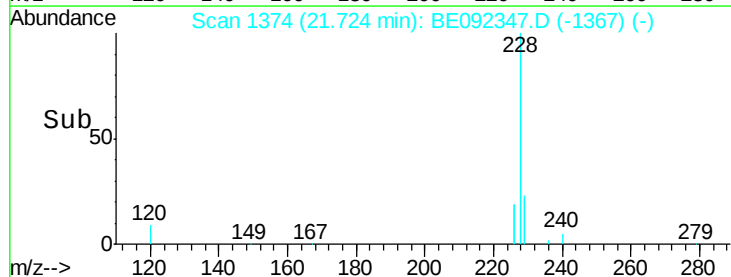
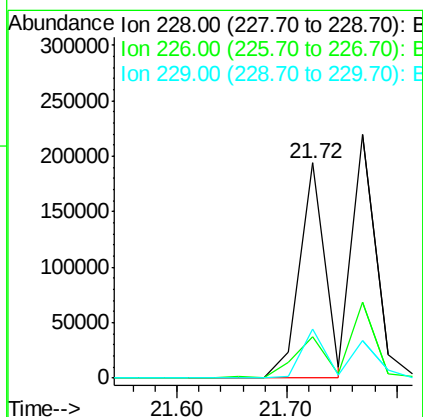
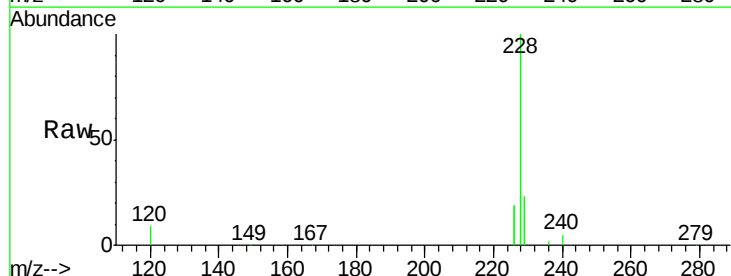
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

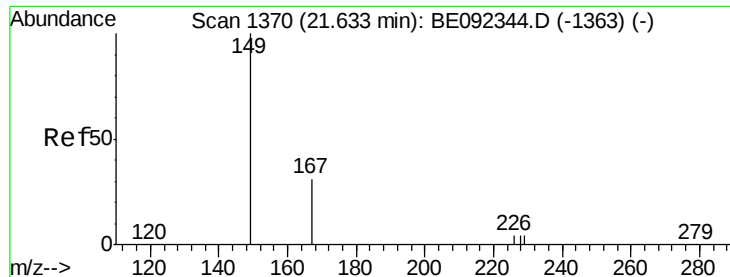
Tgt Ion:228 Resp: 308241
Ion Ratio Lower Upper
228 100
226 19.0 23.6 35.4#
229 22.5 13.3 19.9#



#28
Chrysene
Concen: 2.59 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092347.D
Acq: 2 Sep 2016 17:24

Tgt Ion:228 Resp: 308241
Ion Ratio Lower Upper
228 100
226 19.0 36.3 54.5#
229 22.5 10.6 16.0#

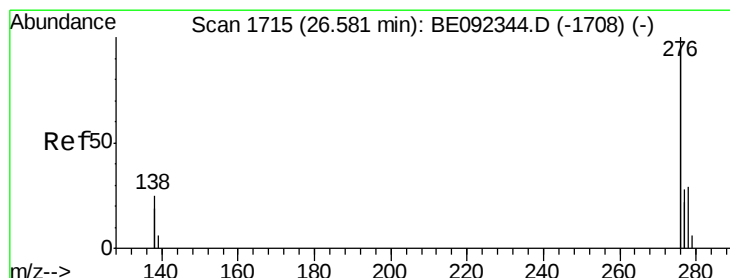
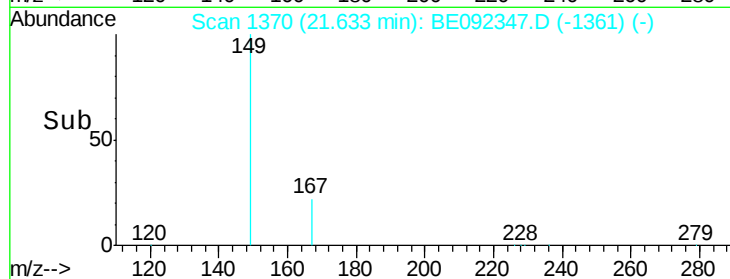
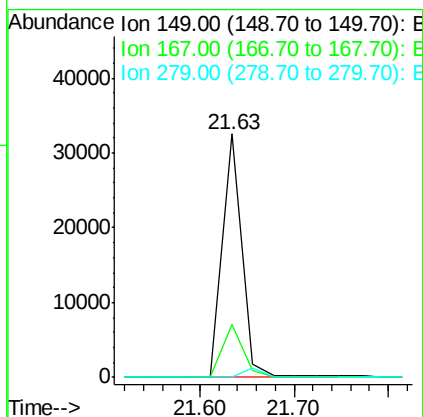
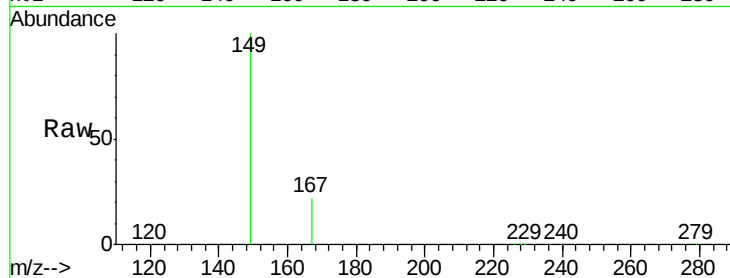




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 3.11 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

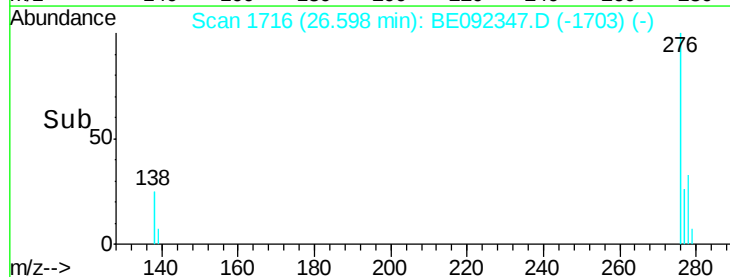
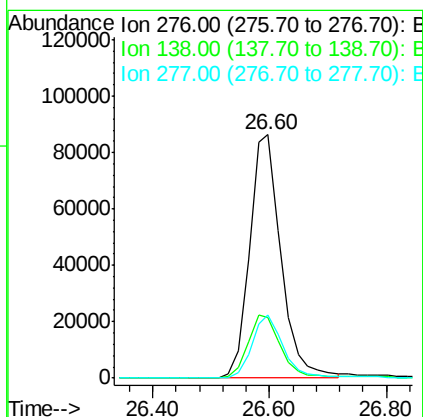
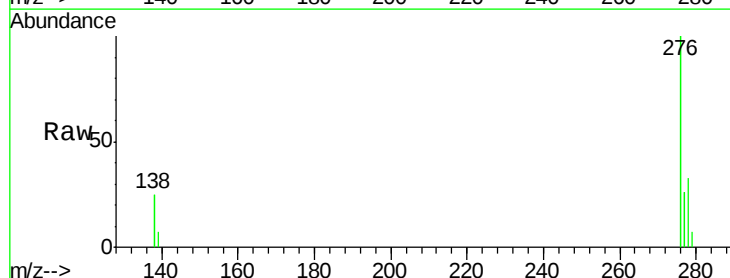
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

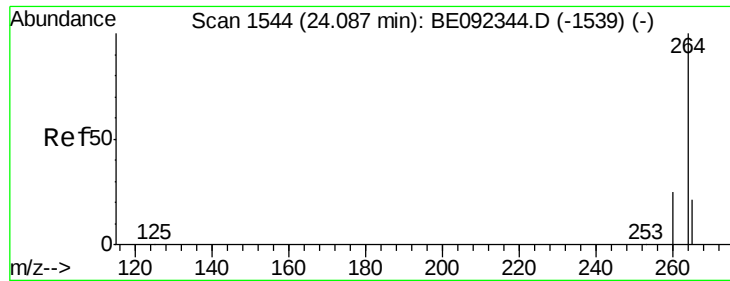
Tgt Ion:149 Resp: 46927
 Ion Ratio Lower Upper
 149 100
 167 22.9 16.0 24.0
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 2.65 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. 0.02 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

Tgt Ion:276 Resp: 320933
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.3 30.5
 277 24.9 19.7 29.5

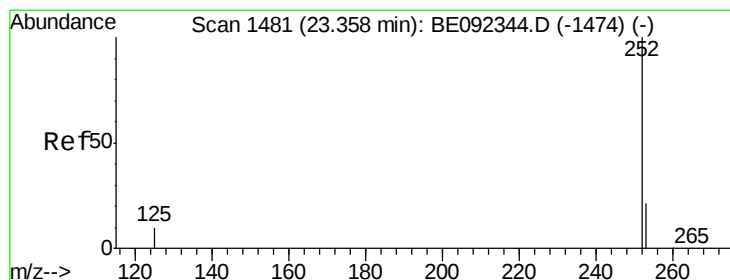
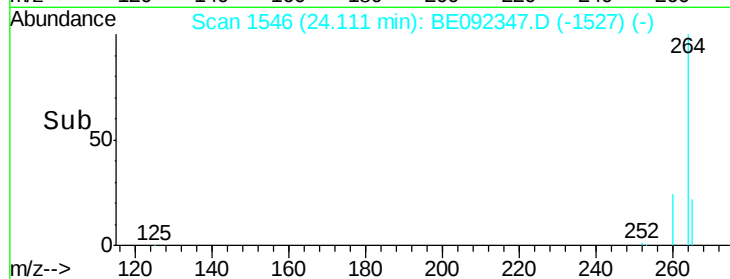
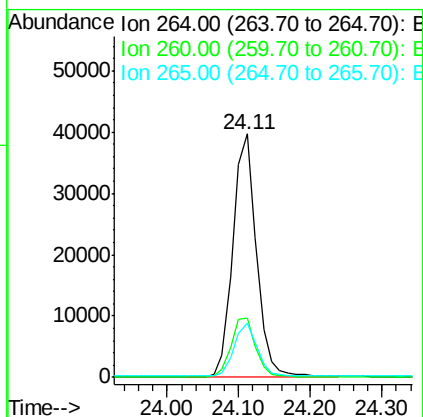
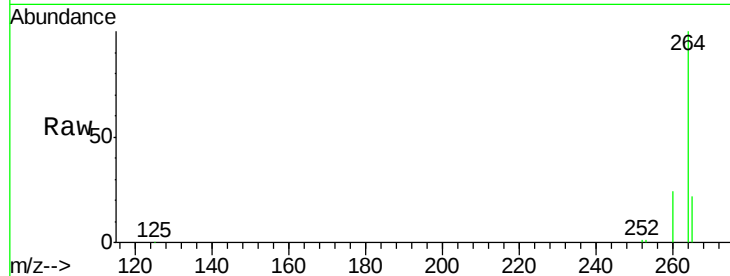




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

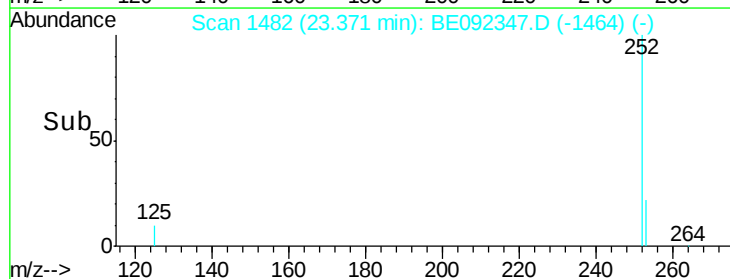
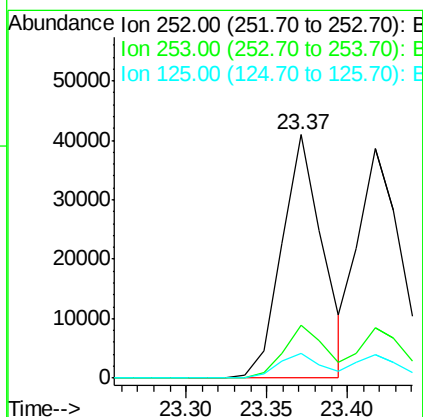
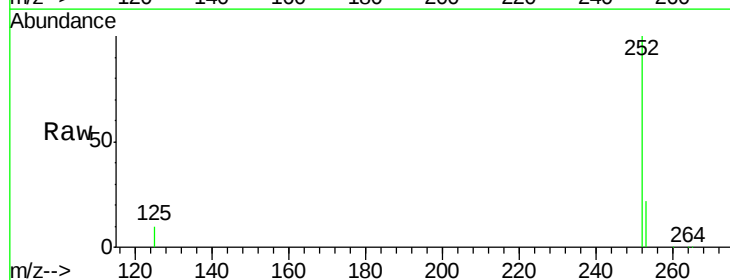
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tgt Ion: 264 Resp: 90849
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 22.4 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 3.08 ng
 RT: 23.37 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BE092347.D
 Acq: 2 Sep 2016 17:24

Tgt Ion: 252 Resp: 72132
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.7 28.1
 125 10.2 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 2.96 ng

RT: 23.42 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

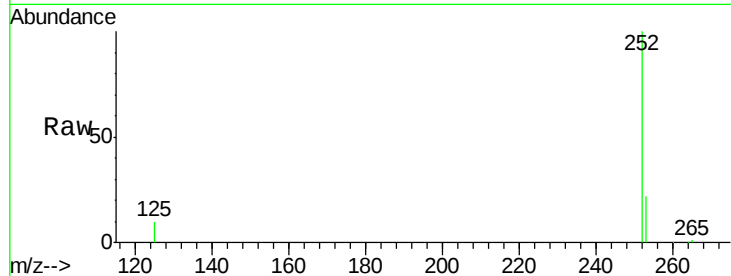
Tgt Ion:252 Resp: 73112

Ion Ratio Lower Upper

252 100

253 21.7 20.3 30.5

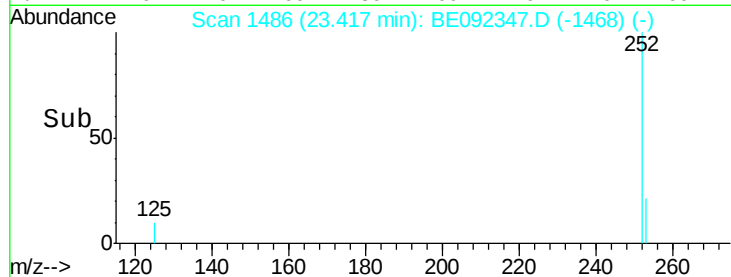
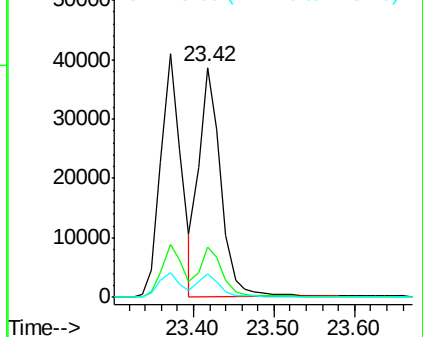
125 10.3 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 3.10 ng

RT: 24.00 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

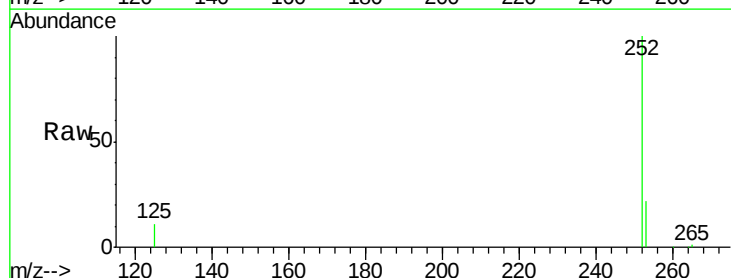
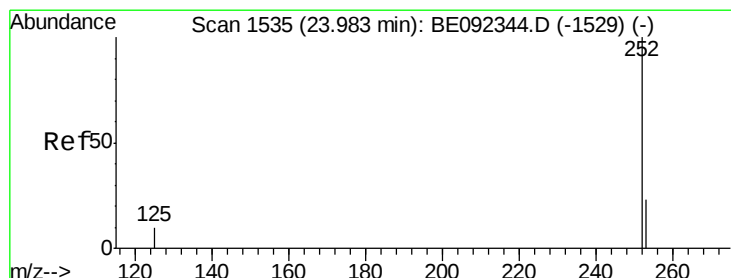
Tgt Ion:252 Resp: 70848

Ion Ratio Lower Upper

252 100

253 22.5 19.0 28.6

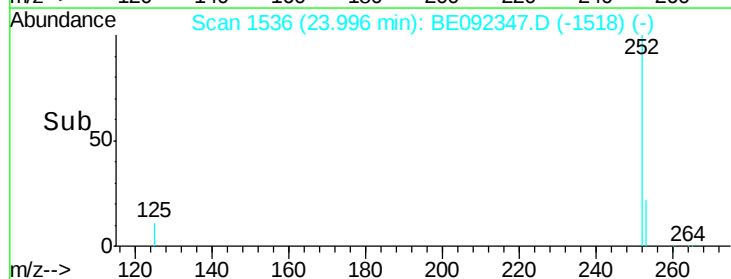
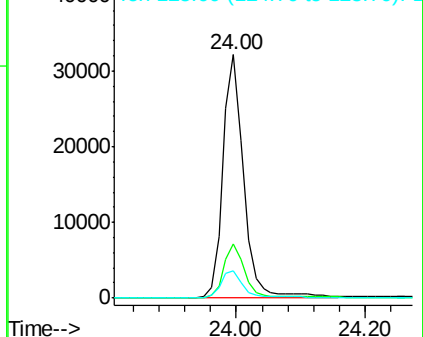
125 11.0 11.8 17.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 3.20 ng

RT: 26.61 min Scan# 1717

Delta R.T. 0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

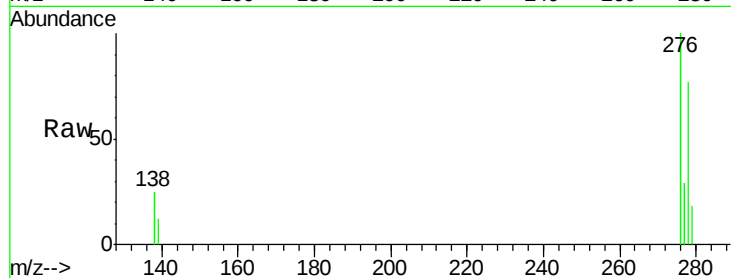
Tgt Ion: 278 Resp: 66708

Ion Ratio Lower Upper

278 100

139 15.3 13.8 20.8

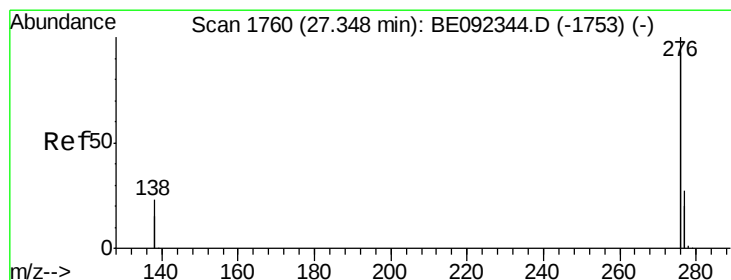
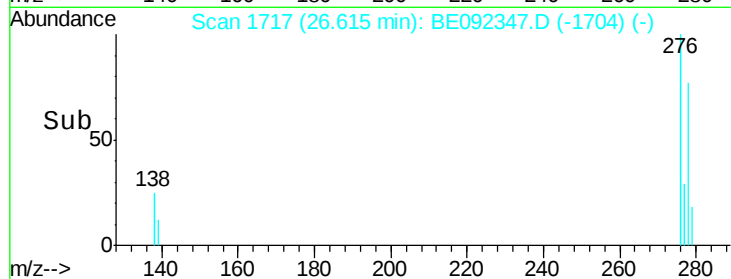
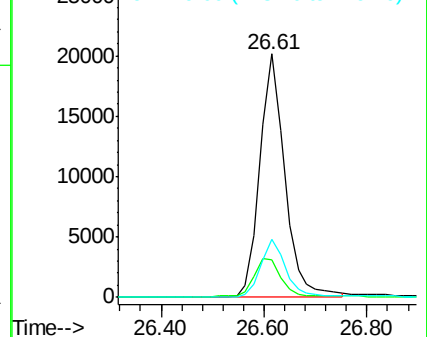
279 23.9 21.4 32.2



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: 3.02 ng

RT: 27.36 min Scan# 1761

Delta R.T. 0.02 min

Lab File: BE092347.D

Acq: 2 Sep 2016 17:24

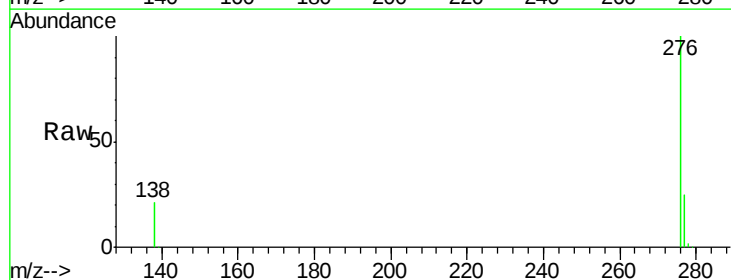
Tgt Ion: 276 Resp: 271268

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 21.0 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

