

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092387.D
 Acq On : 16 Sep 2016 11:30
 Operator : UM/SJ
 Sample : PB93386BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93386BSD

Quant Time: Sep 16 12:03:11 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 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	12099	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	53222	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	34430	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	63006	5.00	ng	0.02
24) Chrysene-d12	21.75	240	84795	5.00	ng	0.00
31) Perylene-d12	24.12	264	81456	5.00	ng	0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	22424	7.80	ng	-0.02
5) Phenol-d6	7.34	99	30879	8.04	ng	-0.02
8) Nitrobenzene-d5	9.34	82	13606	3.56	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	8319	7.80	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	32424	3.07	ng	-0.01
26) Terphenyl-d14	20.19	244	39441	3.14	ng	0.02

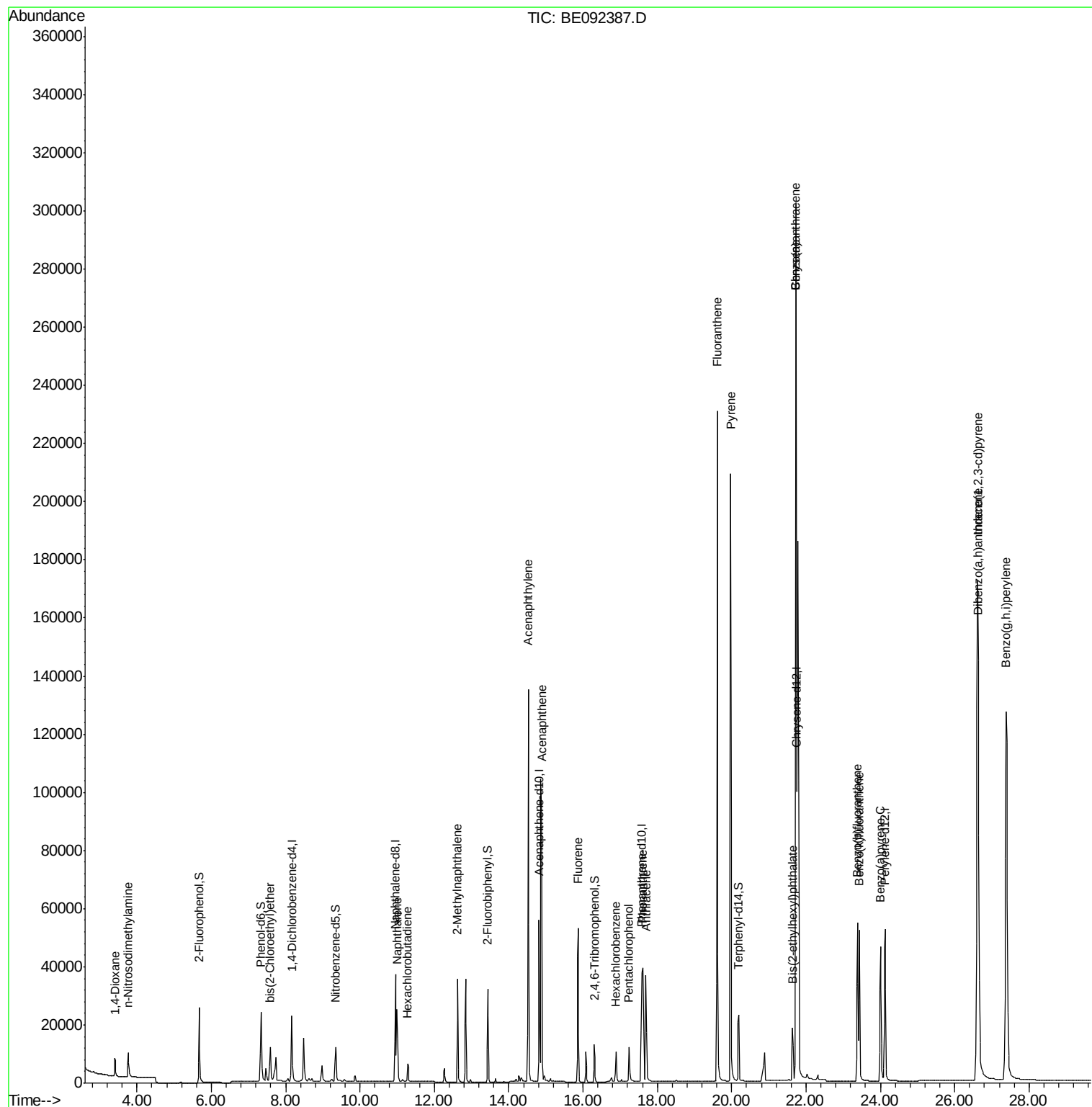
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	4191	2.79	ng	# 86
3) n-Nitrosodimethylamine	3.76	42	6880	3.60	ng	# 99
6) bis(2-Chloroethyl)ether	7.59	93	11207	3.07	ng	95
9) Naphthalene	10.99	128	39753	3.34	ng	# 95
10) Hexachlorobutadiene	11.28	225	6090	3.28	ng	100
11) 2-Methylnaphthalene	12.62	142	27095	3.47	ng	92
15) Acenaphthylene	14.53	152	181769	3.07	ng	100
16) Acenaphthene	14.88	154	26962	2.81	ng	93
17) Fluorene	15.87	166	36120	3.00	ng	100
19) Hexachlorobenzene	16.89	284	10496	3.48	ng	# 66
20) Pentachlorophenol	17.23	266	9836	6.43	ng	# 86
21) Phenanthrene	17.60	178	57342	3.24	ng	# 94
22) Anthracene	17.69	178	56108	3.56	ng	98
23) Fluoranthene	19.61	202	262589	3.40	ng	100
25) Pyrene	19.97	202	265509	3.22	ng	99
27) Benzo(a)anthracene	21.72	228	565302	6.18	ng	96
28) Chrysene	21.72	228	568475	6.77	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.63	149	30885	2.25	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.62	276	365873	3.80	ng	99
32) Benzo(b)fluoranthene	23.38	252	75715	3.62	ng	# 95
33) Benzo(k)fluoranthene	23.43	252	74976	3.39	ng	93
34) Benzo(a)pyrene	24.01	252	75558	3.67	ng	# 94
35) Dibenzo(a,h)anthracene	26.63	278	76761	4.03	ng	95
36) Benzo(g,h,i)perylene	27.38	276	319223	3.97	ng	96

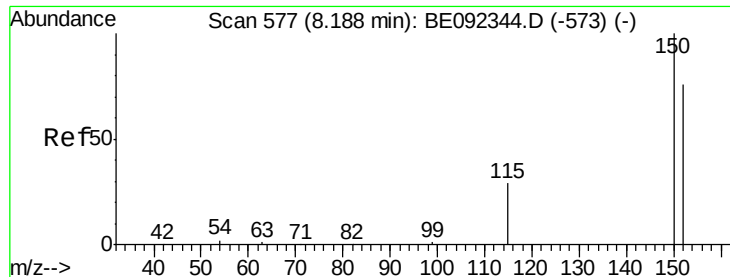
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 12:03:11 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 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

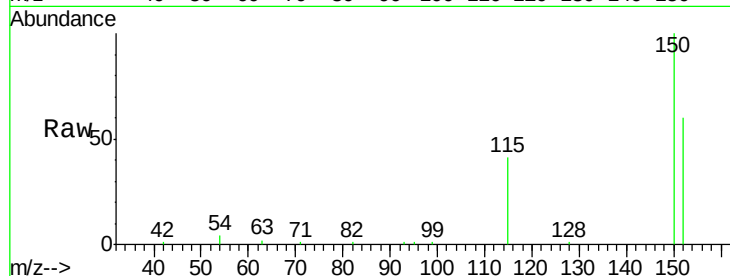
Tgt Ion:152 Resp: 12099

Ion Ratio Lower Upper

152 100

150 167.3 106.0 159.0#

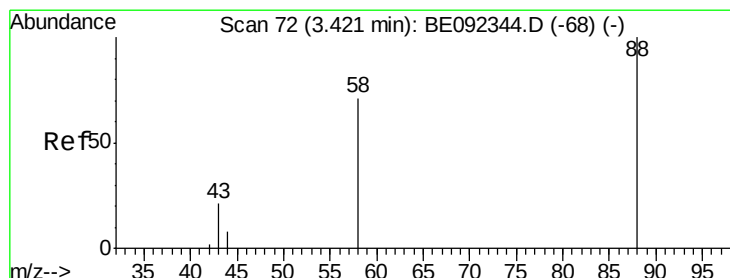
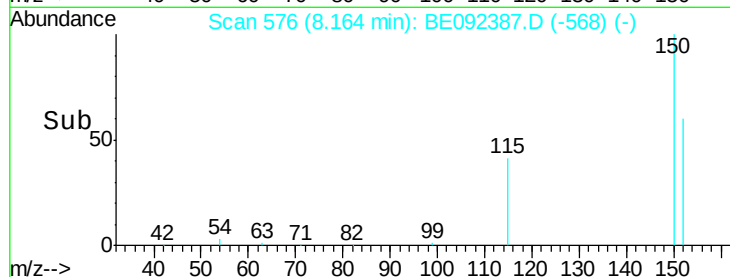
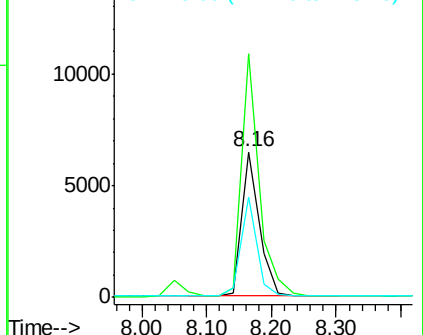
115 69.2 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.79 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

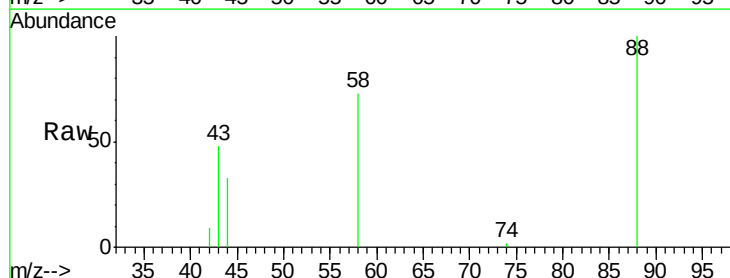
Tgt Ion: 88 Resp: 4191

Ion Ratio Lower Upper

88 100

58 90.6 63.6 95.4

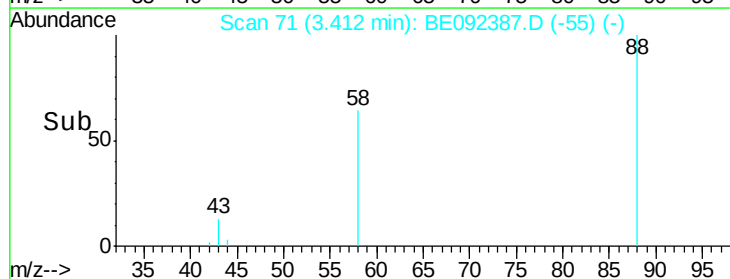
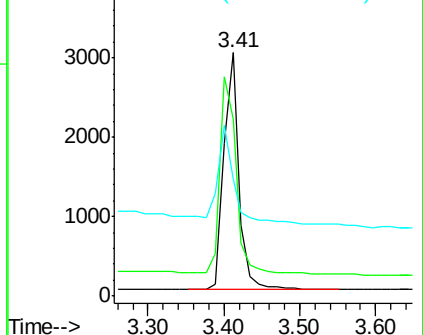
43 44.2 28.0 42.0#

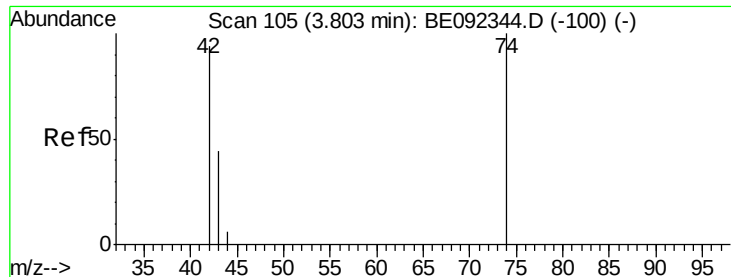


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.60 ng

RT: 3.76 min Scan# 101

Delta R.T. -0.04 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

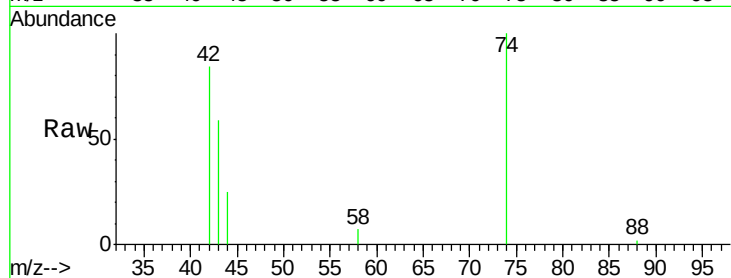
Tgt Ion: 42 Resp: 6880

Ion Ratio Lower Upper

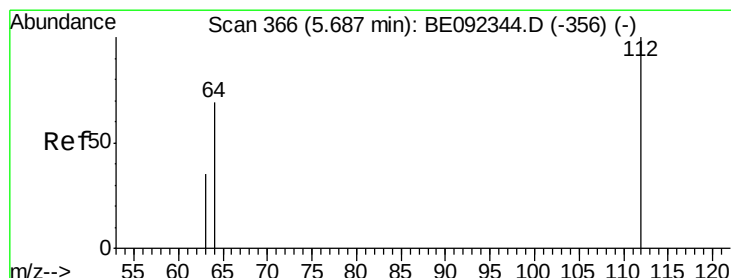
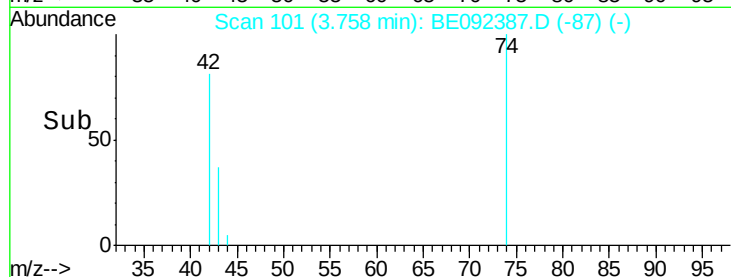
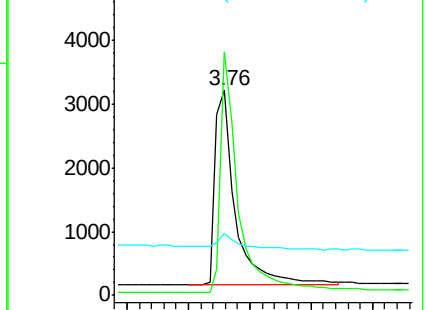
42 100

74 108.0 86.0 129.0

44 9.5 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: 7.80 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

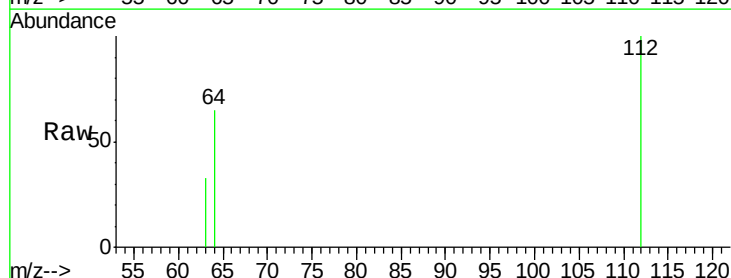
Tgt Ion: 112 Resp: 22424

Ion Ratio Lower Upper

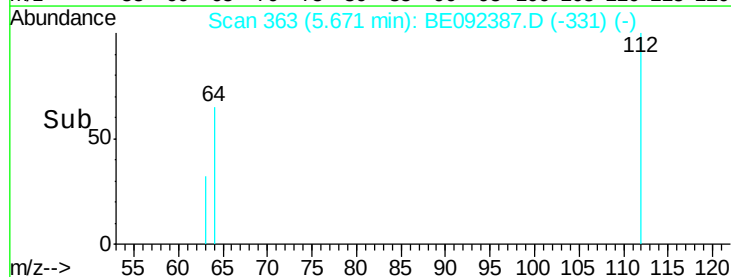
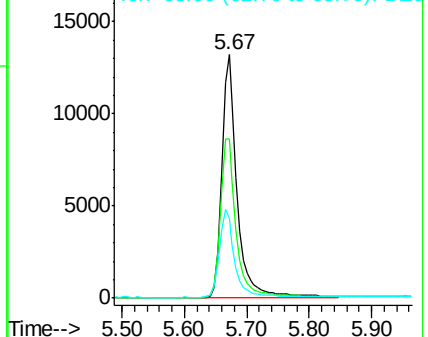
112 100

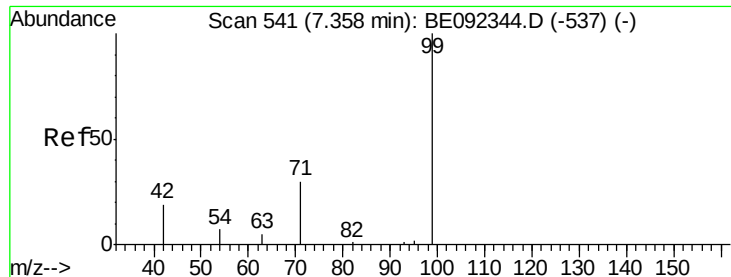
64 67.7 53.5 80.3

63 35.9 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: 8.04 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

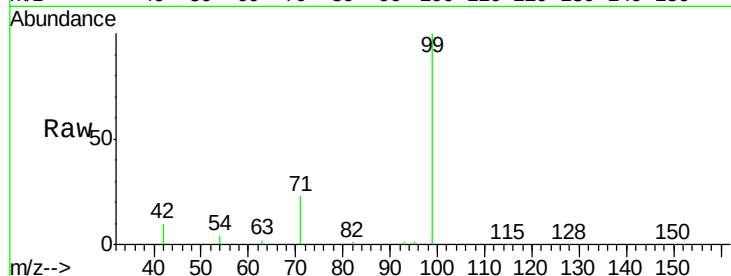
Tgt Ion: 99 Resp: 30879

Ion Ratio Lower Upper

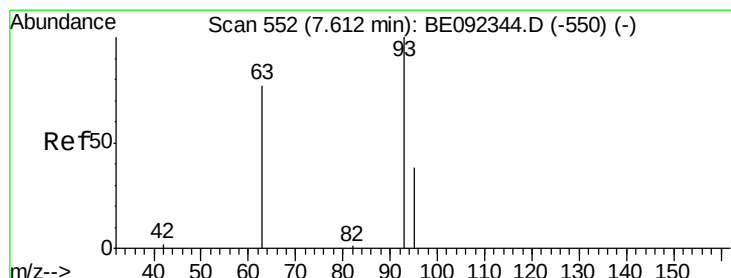
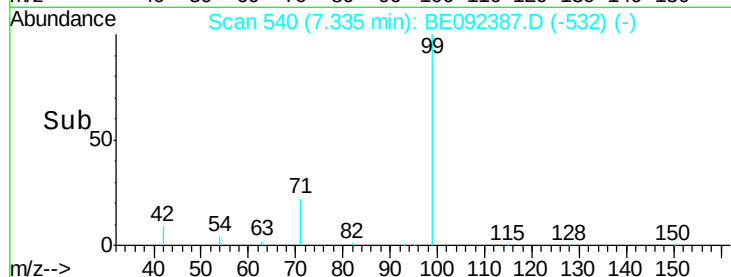
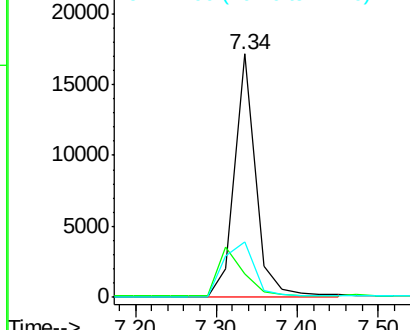
99 100

42 0.0 16.0 24.0#

71 33.4 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: 3.07 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

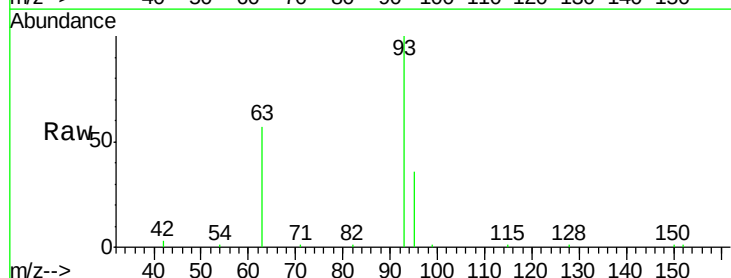
Tgt Ion: 93 Resp: 11207

Ion Ratio Lower Upper

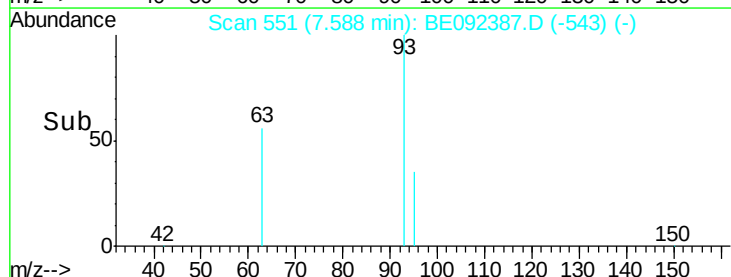
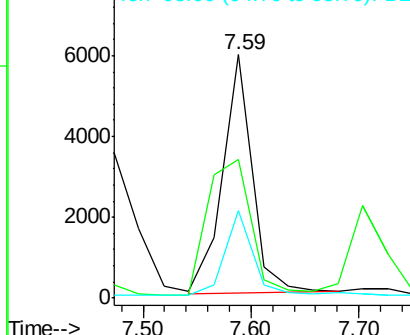
93 100

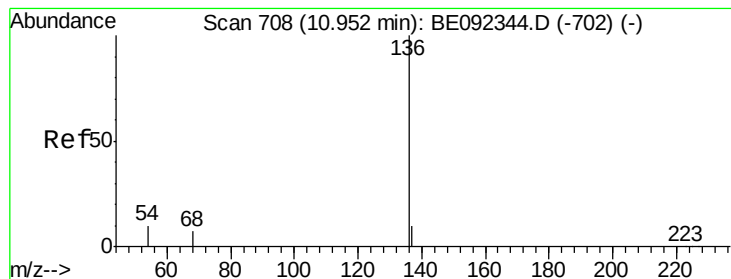
63 86.2 71.6 107.4

95 35.0 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: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

Tgt Ion:136 Resp: 53222

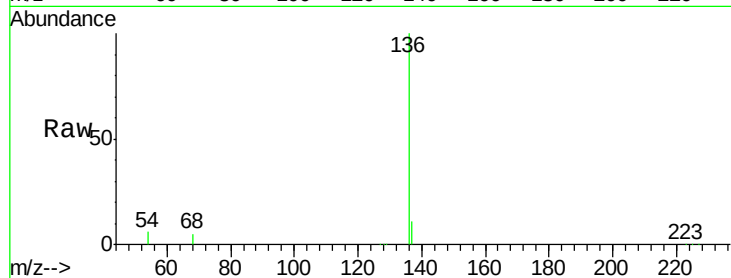
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.3 9.6 14.4#

68 5.0 6.7 10.1#

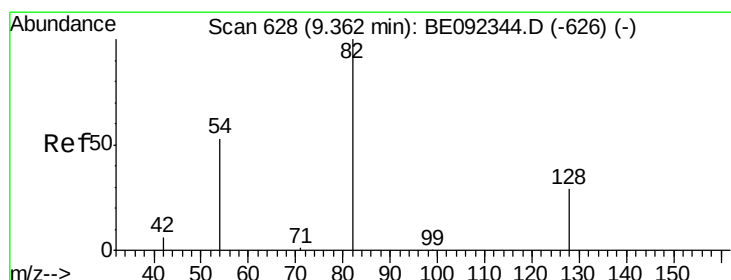
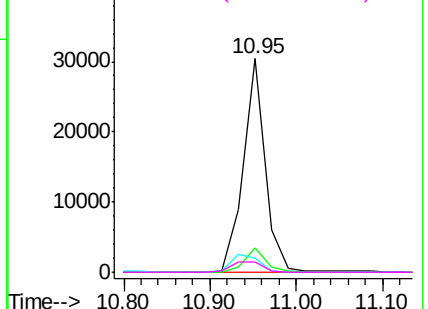
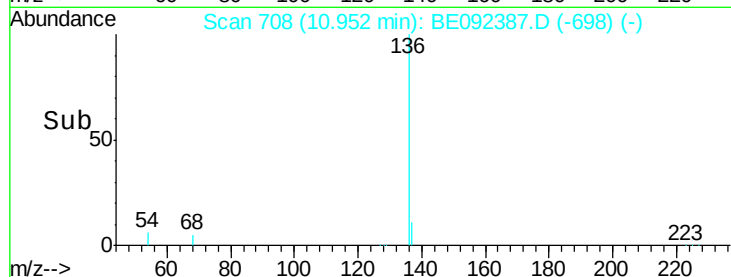


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.56 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

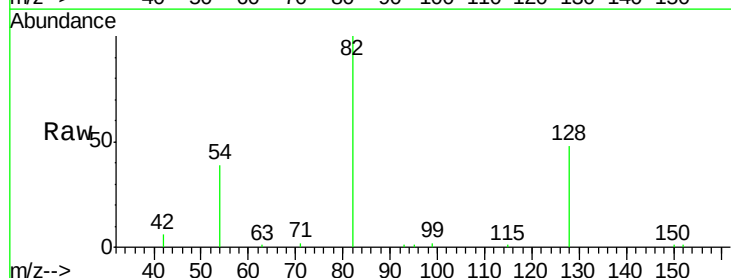
Tgt Ion: 82 Resp: 13606

Ion Ratio Lower Upper

82 100

128 48.5 39.0 58.4

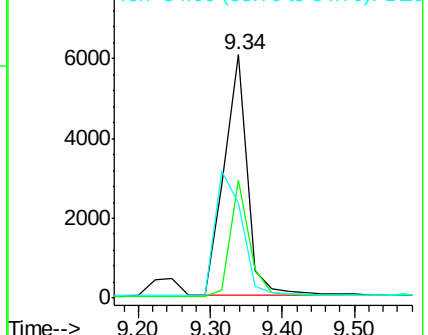
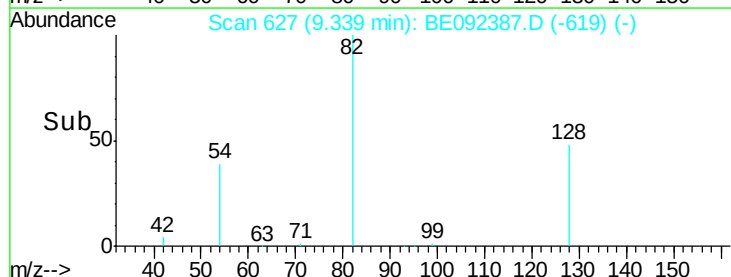
54 39.3 44.8 67.2#

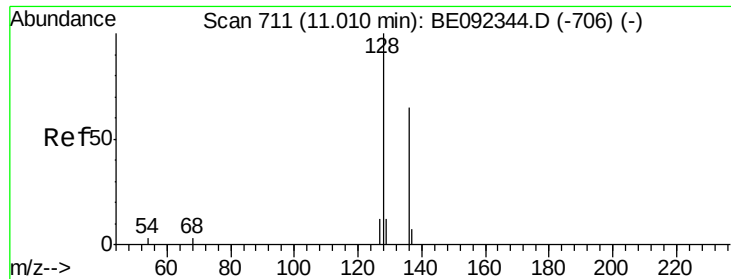


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.34 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

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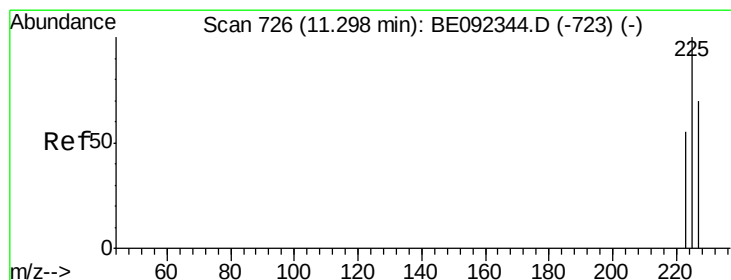
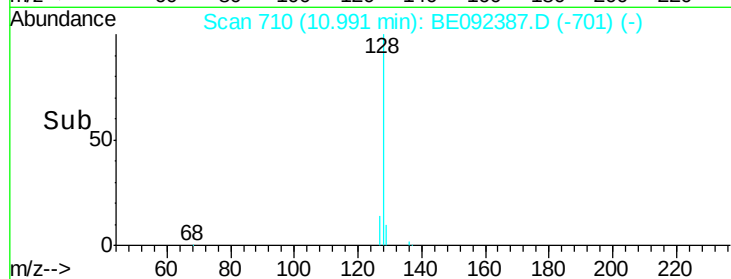
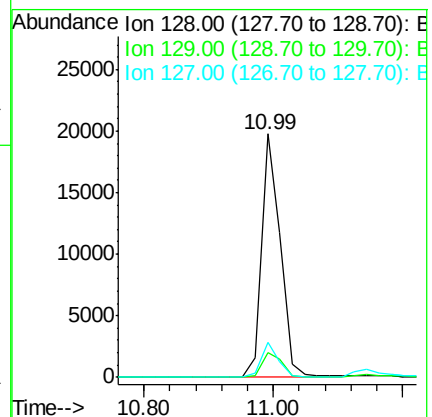
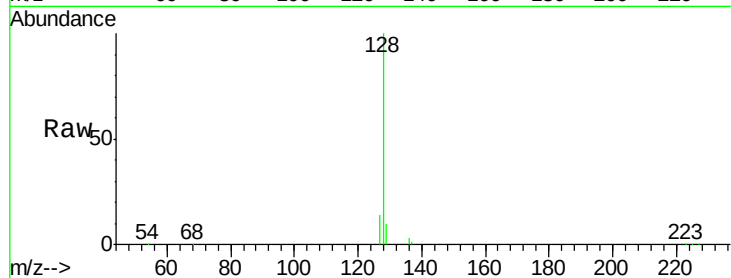
Tgt Ion:128 Resp: 39753

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

127 14.1 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.28 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

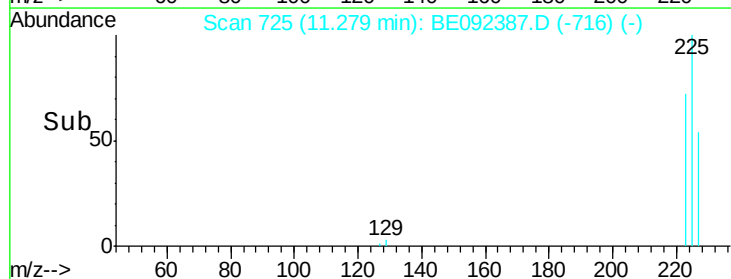
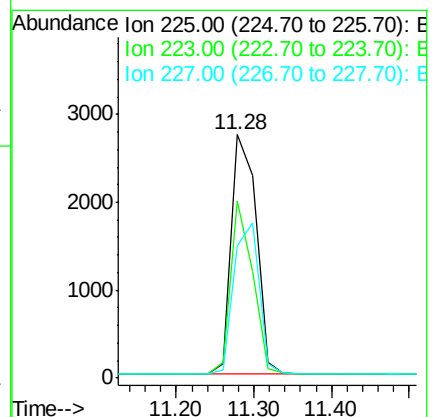
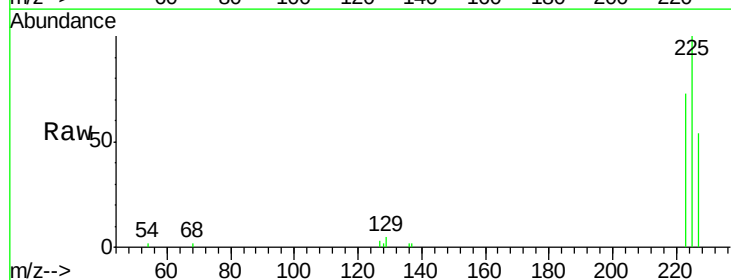
Tgt Ion:225 Resp: 6090

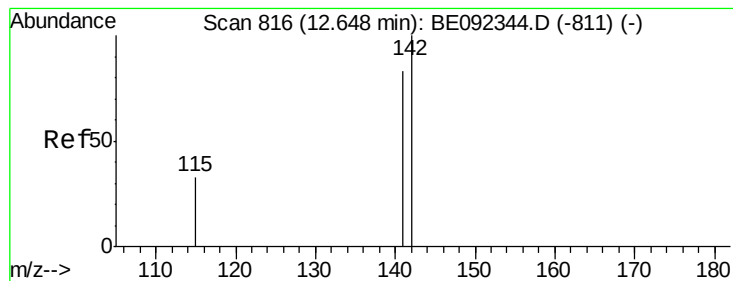
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 64.1 51.4 77.0





#11

2-Methylnaphthalene

Concen: 3.47 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

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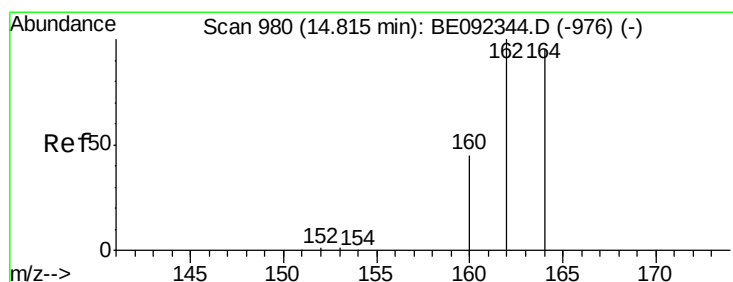
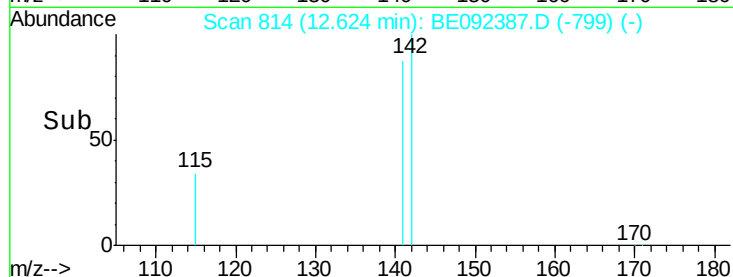
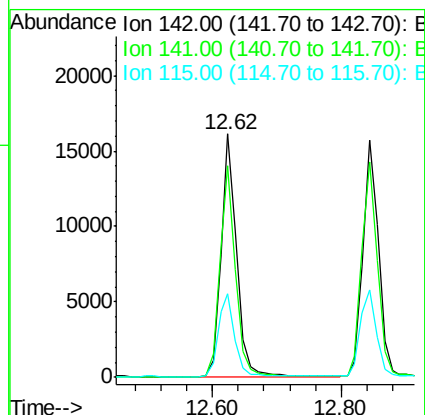
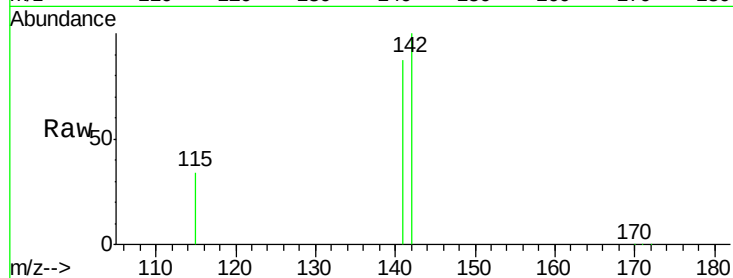
Tgt Ion:142 Resp: 27095

Ion Ratio Lower Upper

142 100

141 87.1 73.7 110.5

115 34.3 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

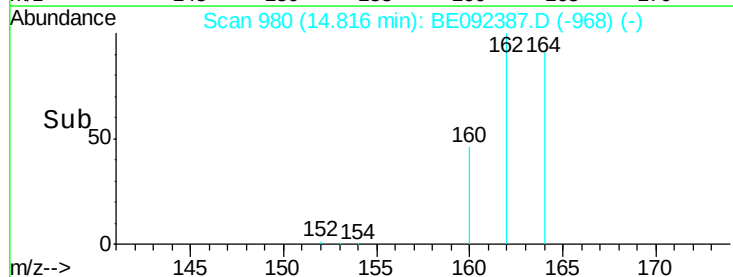
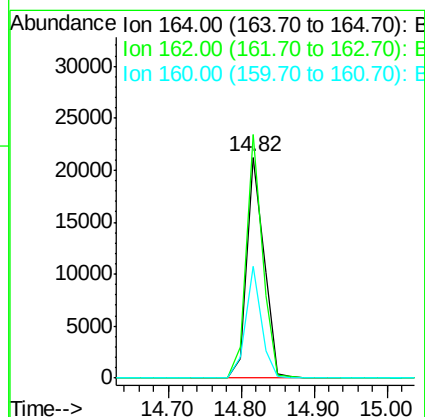
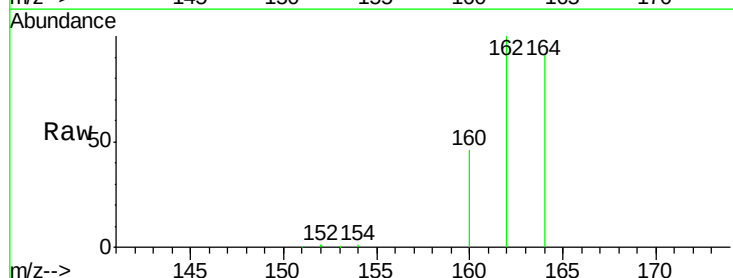
Tgt Ion:164 Resp: 34430

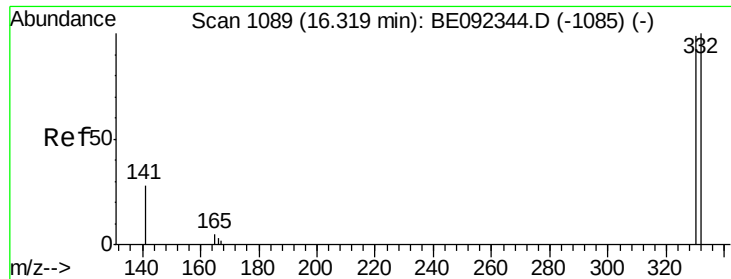
Ion Ratio Lower Upper

164 100

162 110.1 71.4 107.0#

160 50.6 27.4 41.2#

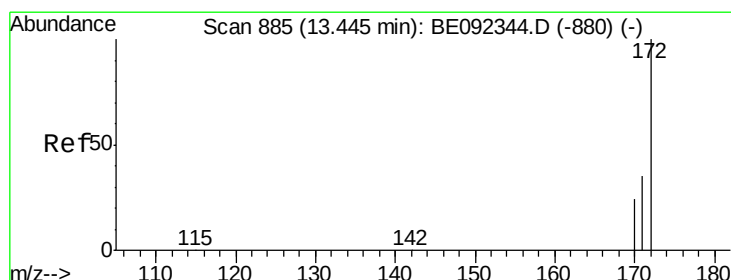
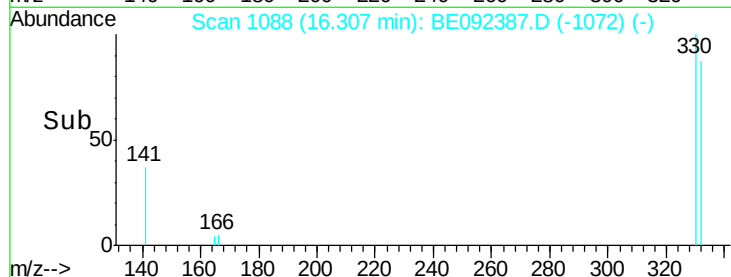
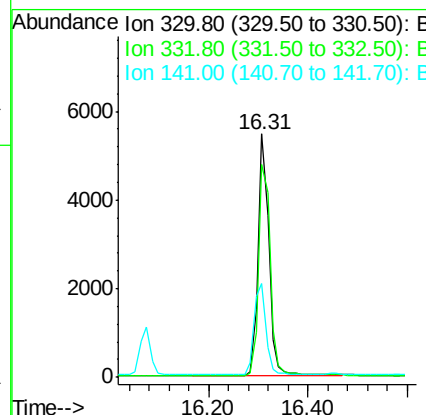
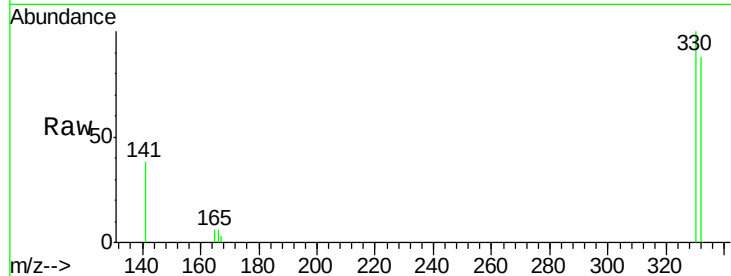




#13
 2,4,6-Tribromophenol
 Concen: 7.80 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092387.D
 Acq: 16 Sep 2016 11:30

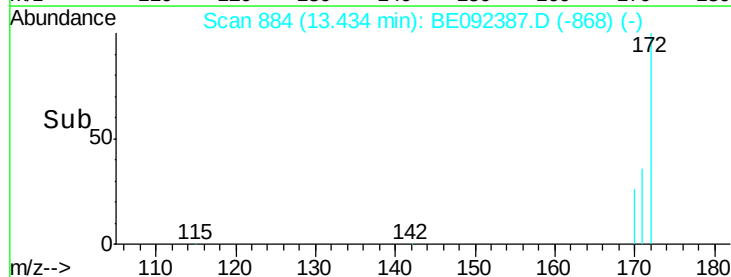
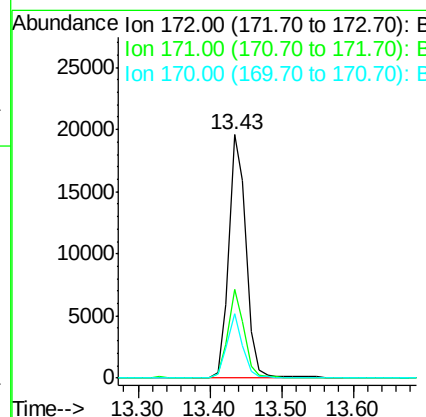
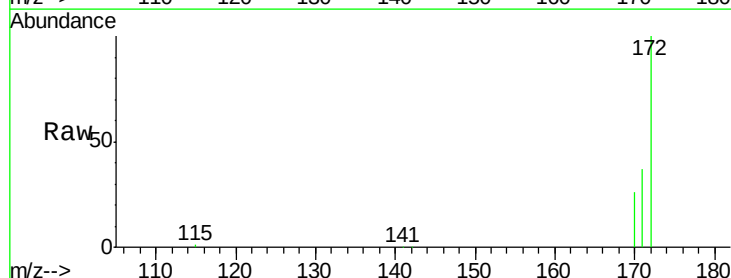
Instrument :
 BNA_E
 ClientSampleId :
 PB93386BSD

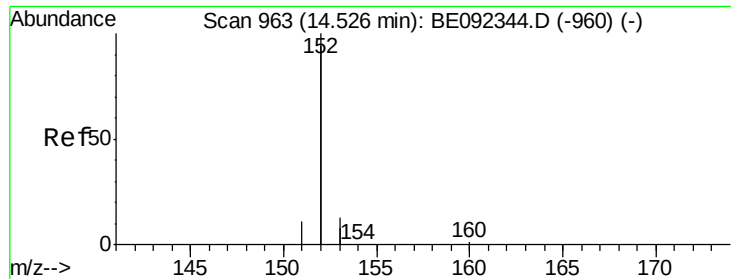
Tgt Ion:330 Resp: 8319
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 41.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092387.D
 Acq: 16 Sep 2016 11:30

Tgt Ion:172 Resp: 32424
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 26.3 21.8 32.6





#15

Acenaphthylene

Concen: 3.07 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

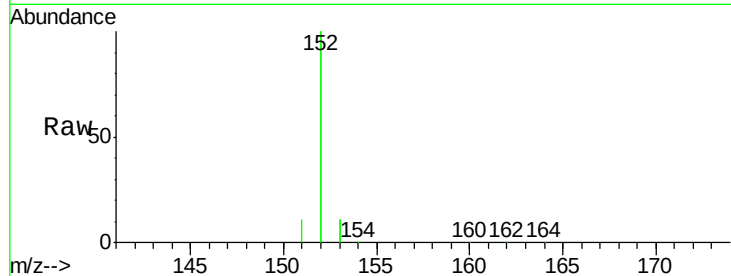
Tgt Ion:152 Resp: 181769

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

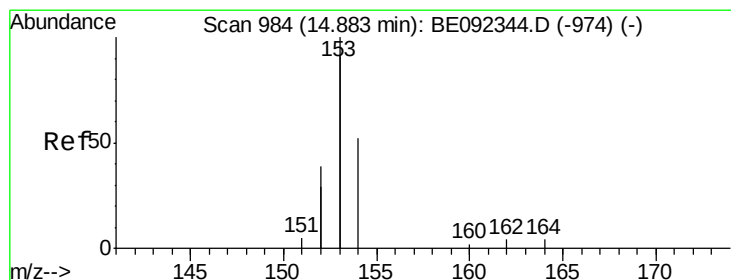
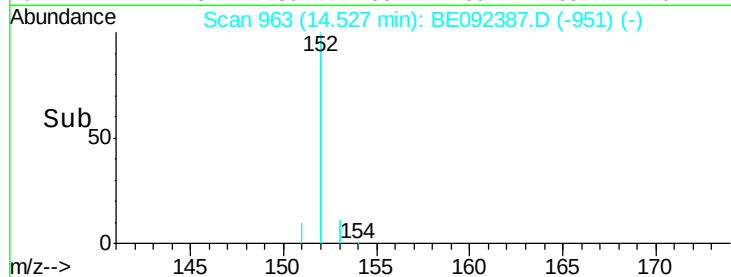
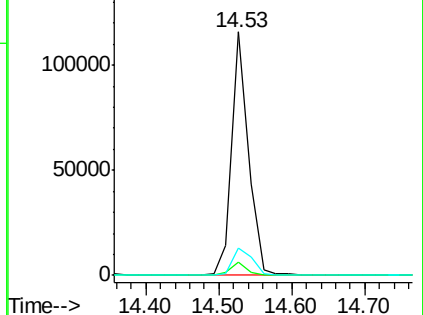
153 13.0 10.4 15.6



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: 2.81 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

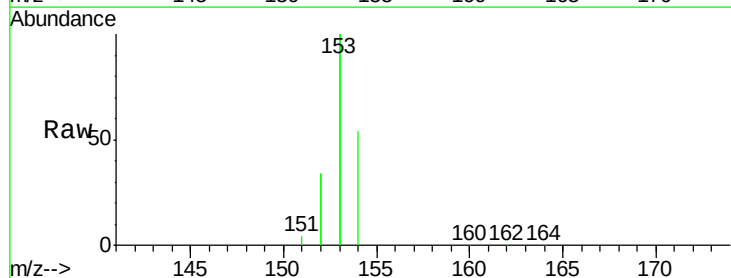
Tgt Ion:154 Resp: 26962

Ion Ratio Lower Upper

154 100

153 452.7 350.8 526.2

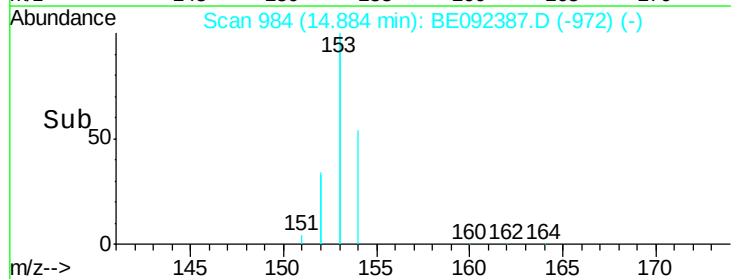
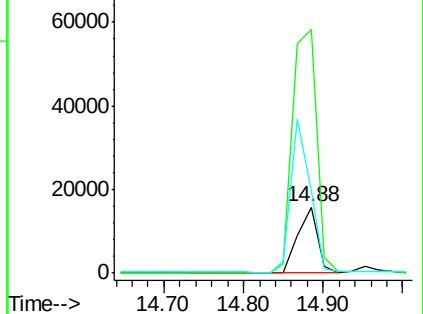
152 228.0 171.1 256.7

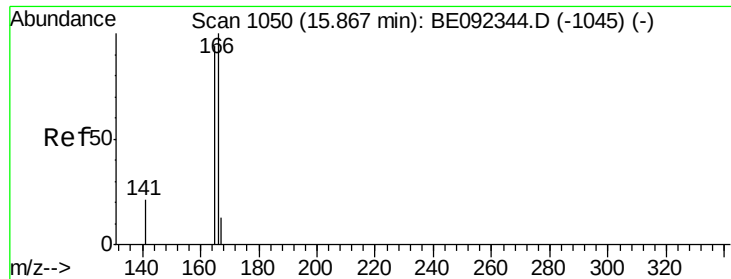


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 3.00 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

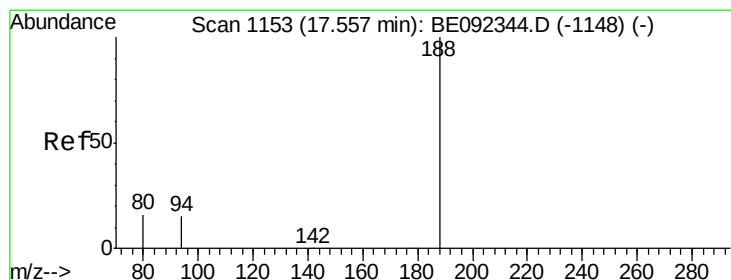
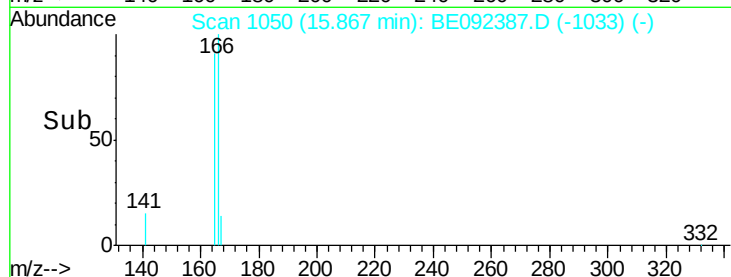
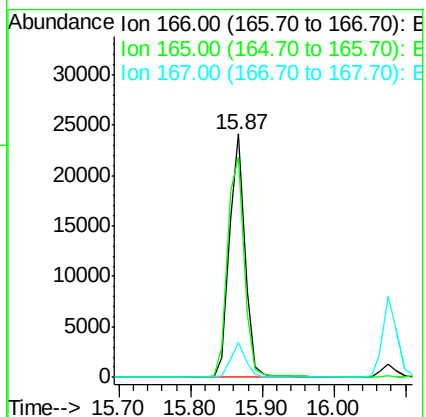
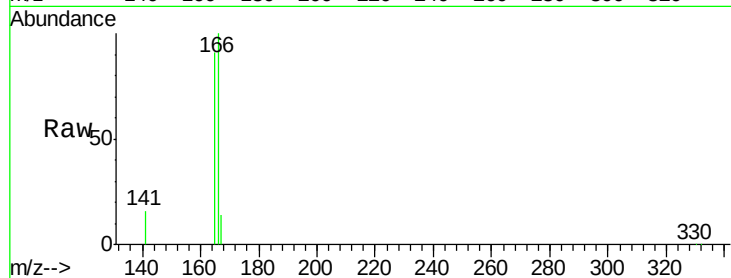
Tgt Ion:166 Resp: 36120

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: BE092387.D

Acq: 16 Sep 2016 11:30

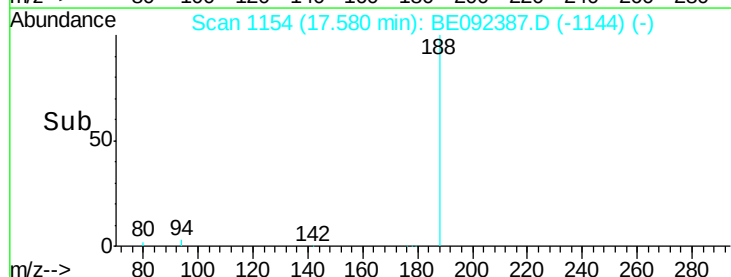
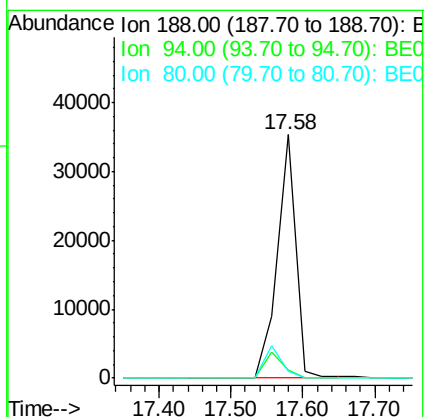
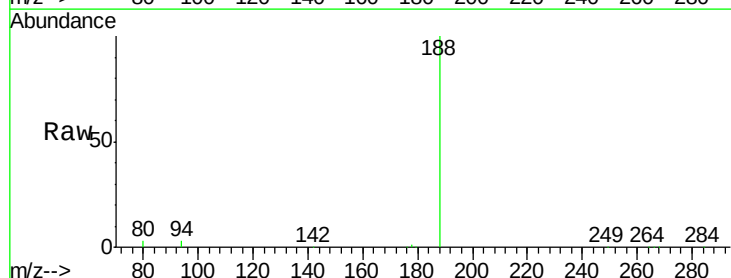
Tgt Ion:188 Resp: 63006

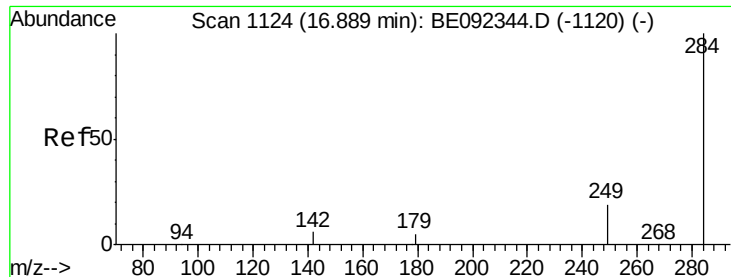
Ion Ratio Lower Upper

188 100

94 3.3 3.2 4.8

80 2.7 2.6 3.8





#19

Hexachlorobenzene

Concen: 3.48 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

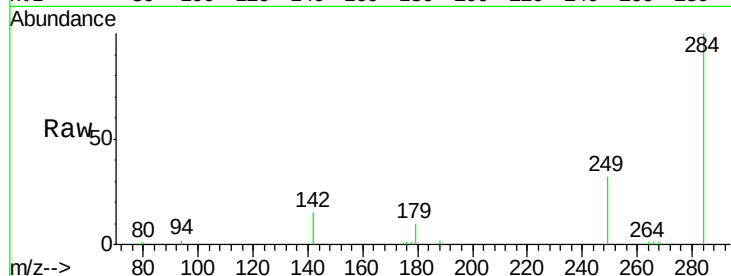
Tgt Ion:284 Resp: 10496

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

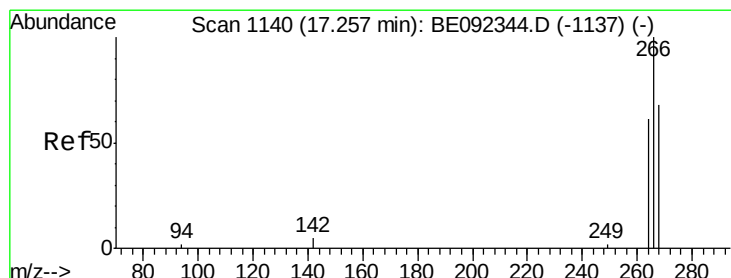
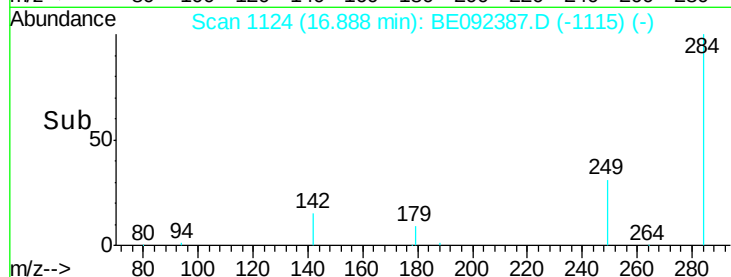
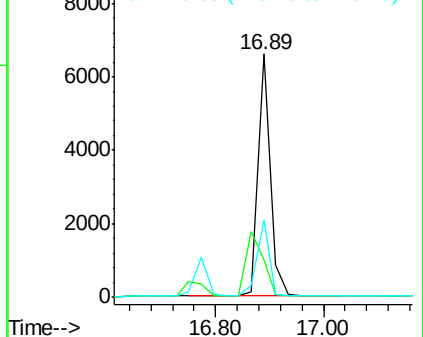
249 31.4 27.9 41.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 6.43 ng

RT: 17.23 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

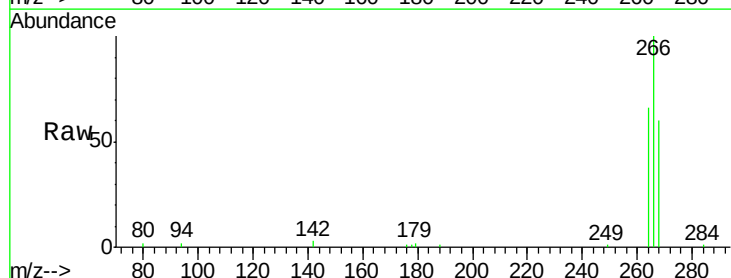
Tgt Ion:266 Resp: 9836

Ion Ratio Lower Upper

266 100

268 59.5 62.5 93.7#

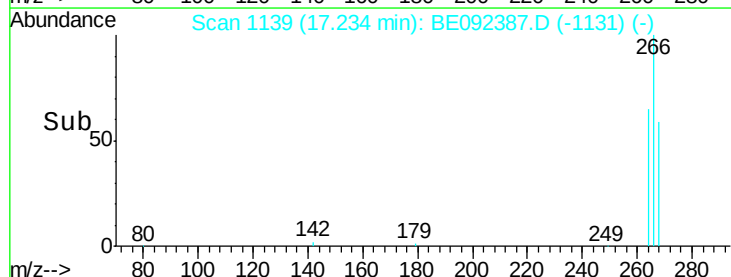
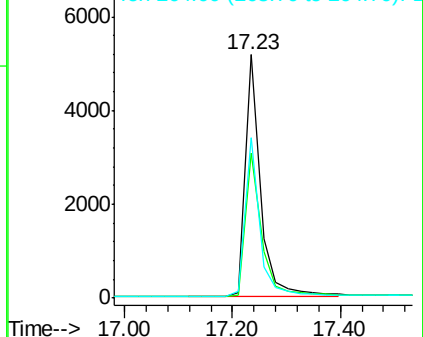
264 65.8 57.2 85.8

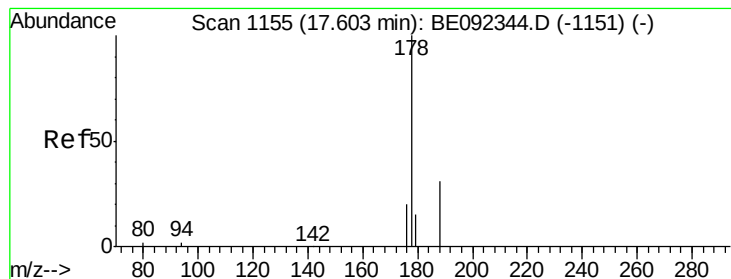


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 3.24 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

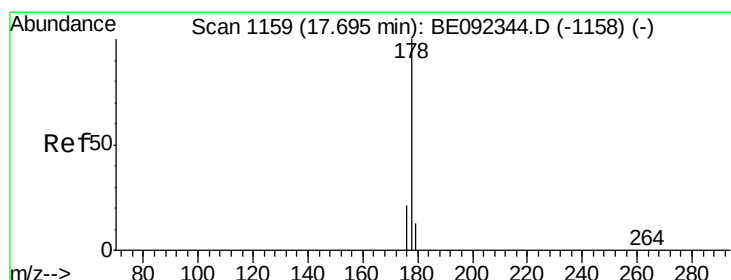
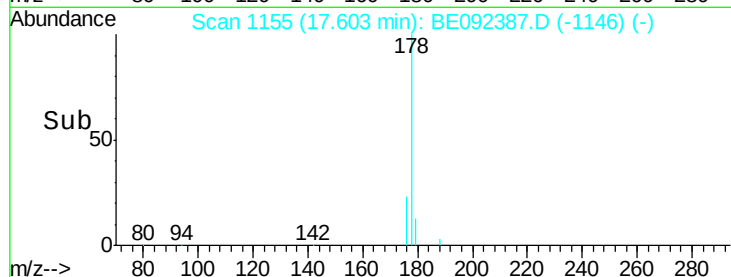
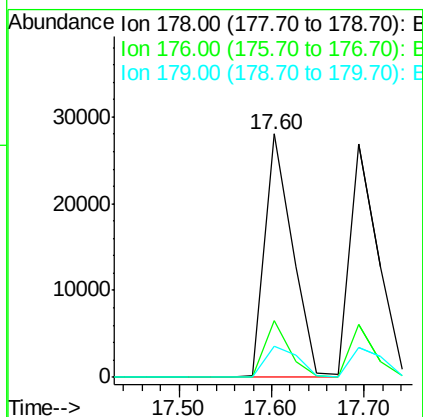
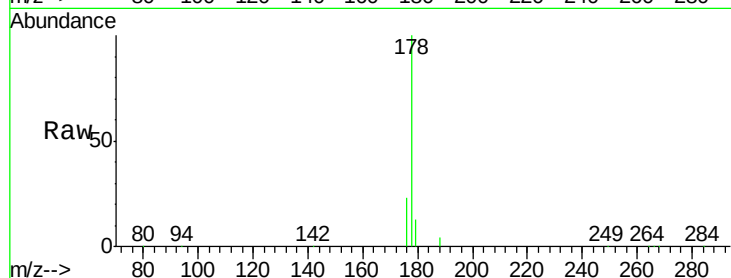
Tgt Ion:178 Resp: 57342

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 14.9 16.0 24.0#



#22

Anthracene

Concen: 3.56 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

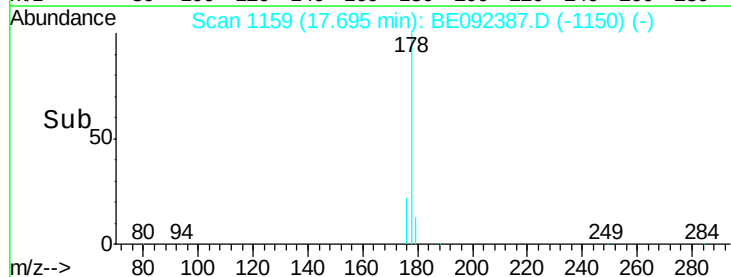
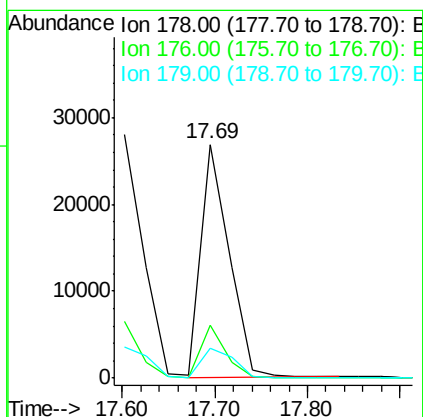
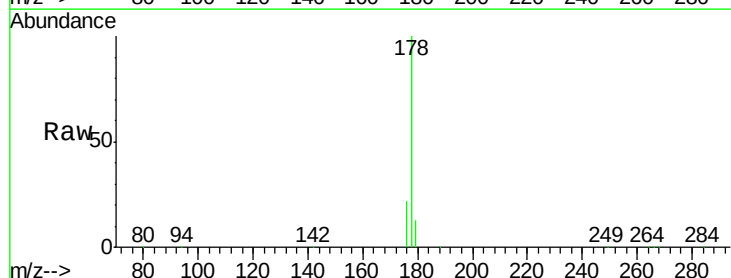
Tgt Ion:178 Resp: 56108

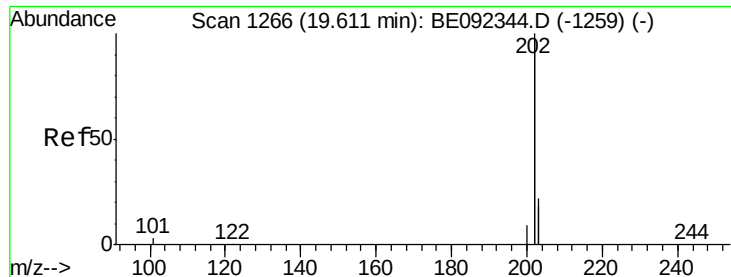
Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

179 14.7 12.2 18.2





#23

Fluoranthene

Concen: 3.40 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

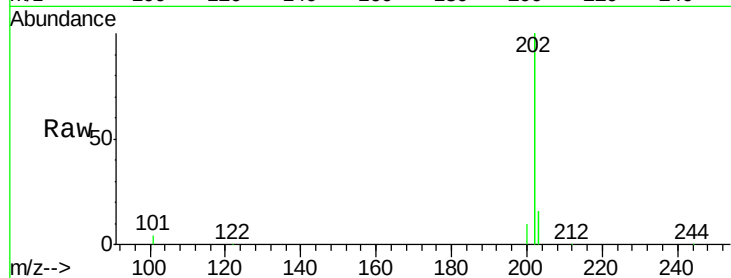
Tgt Ion: 202 Resp: 262589

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

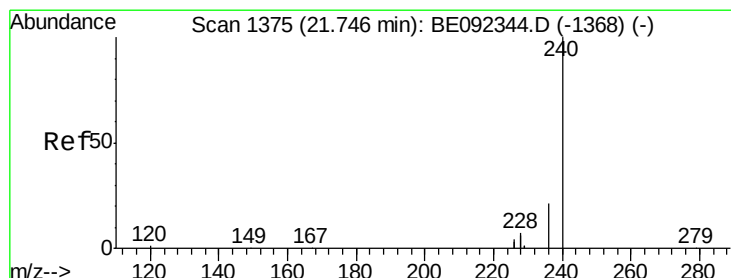
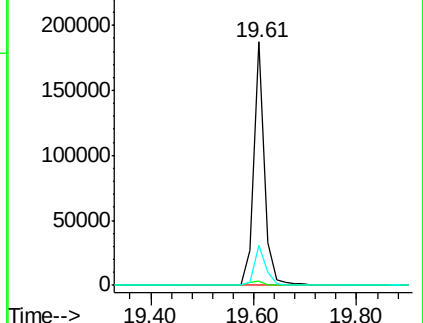
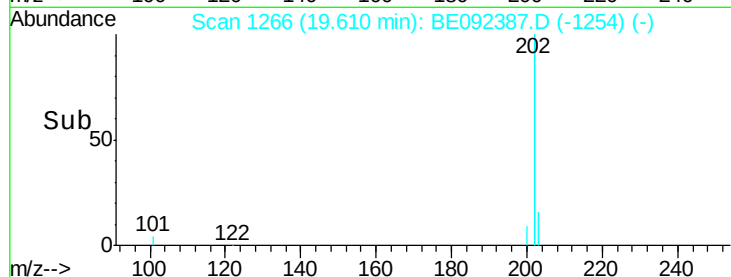
203 17.3 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

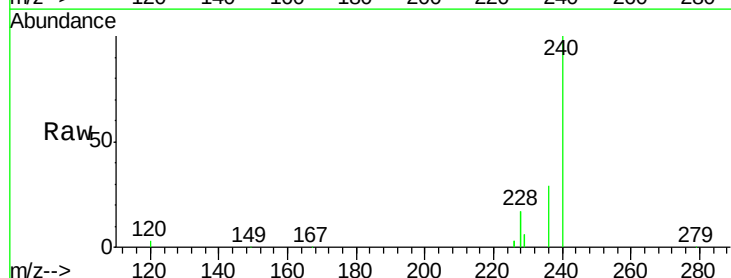
Tgt Ion: 240 Resp: 84795

Ion Ratio Lower Upper

240 100

120 2.7 2.6 4.0

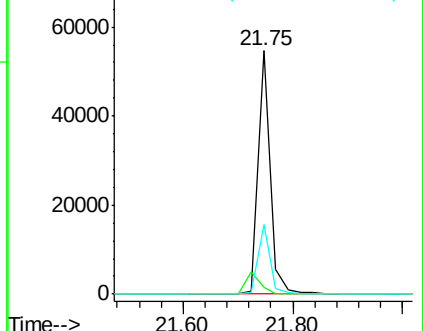
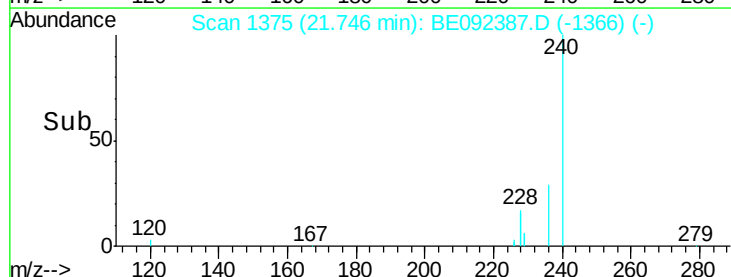
236 28.6 24.6 37.0

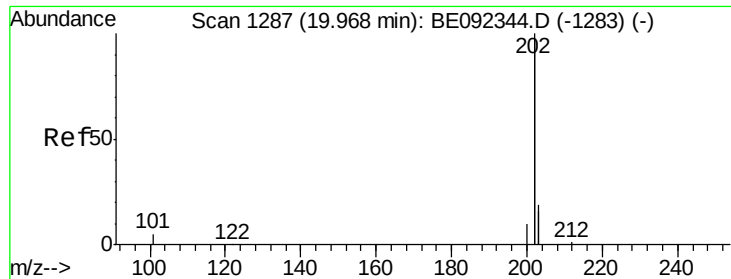


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

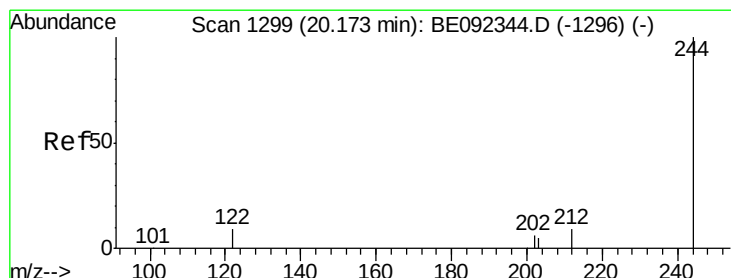
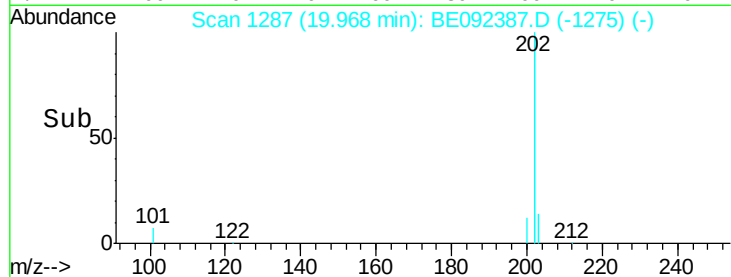
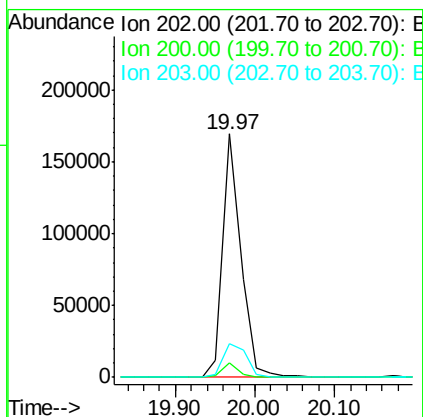
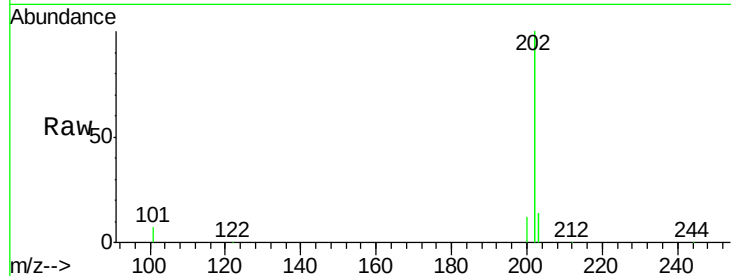




#25
 Pyrene
 Concen: 3.22 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BE092387.D
 Acq: 16 Sep 2016 11:30

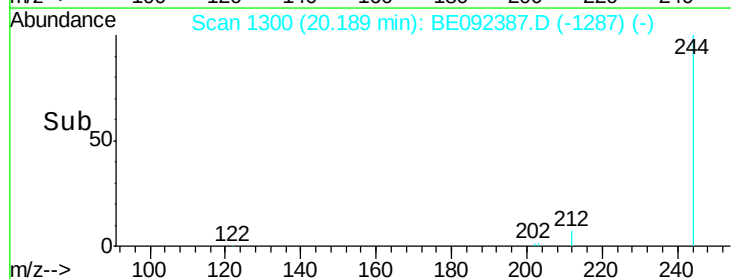
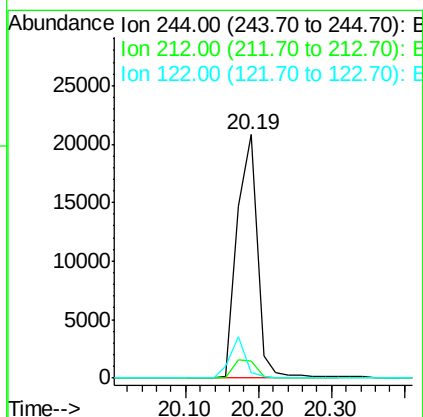
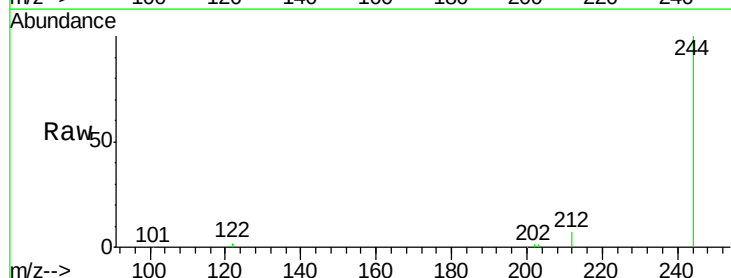
Instrument :
 BNA_E
 ClientSampleId :
 PB93386BSD

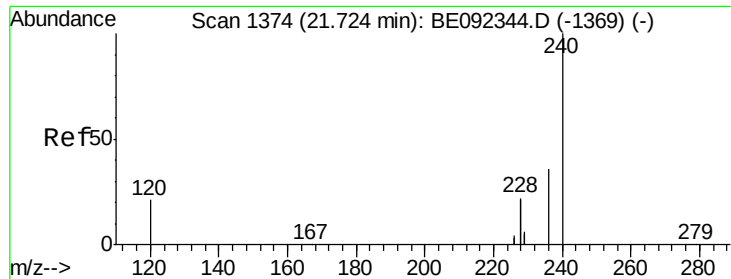
Tgt Ion: 202 Resp: 265509
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 17.8 13.9 20.9



#26
 Terphenyl-d14
 Concen: 3.14 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092387.D
 Acq: 16 Sep 2016 11:30

Tgt Ion: 244 Resp: 39441
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.7 10.1
 122 2.2 3.6 5.4#

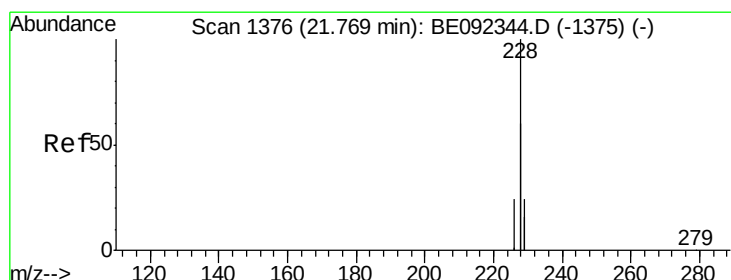
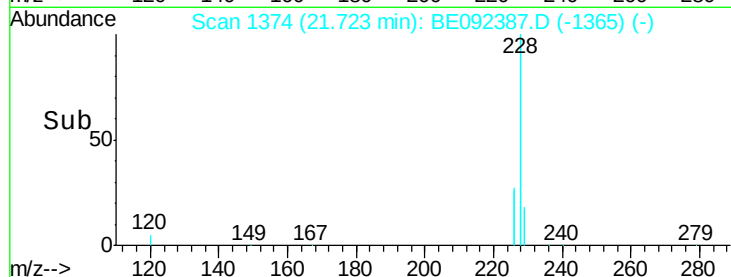
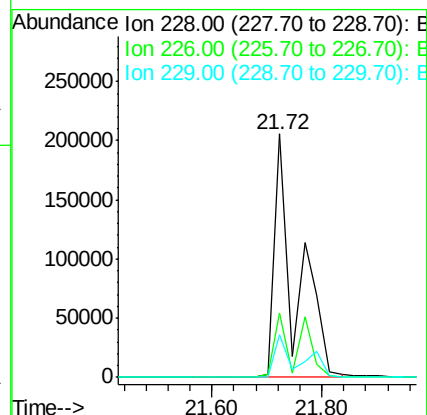
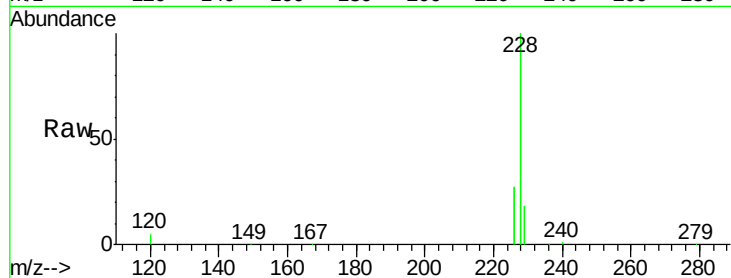




#27
Benzo(a)anthracene
Concen: 6.18 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092387.D
Acq: 16 Sep 2016 11:30

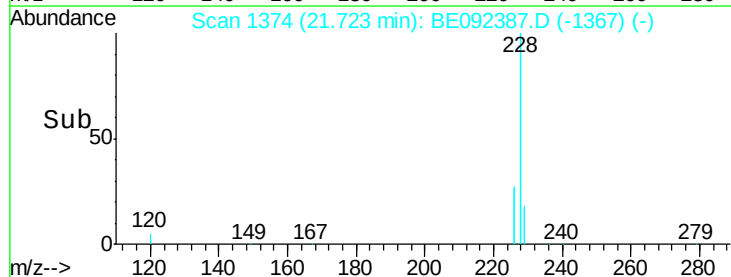
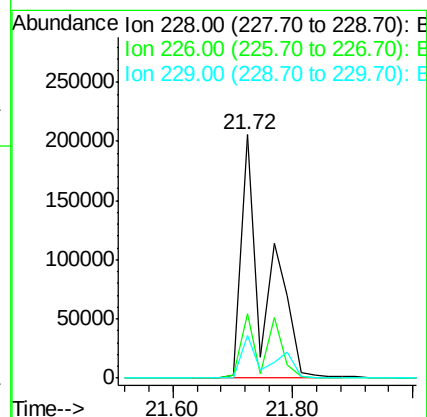
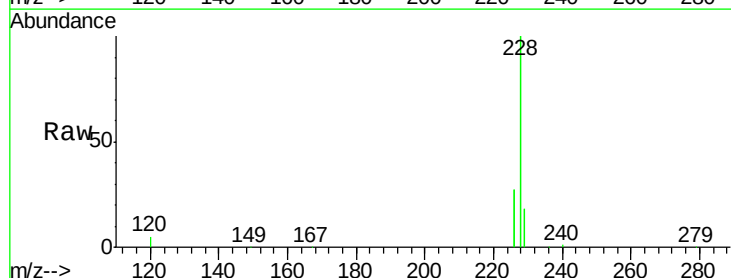
Instrument :
BNA_E
ClientSampleId :
PB93386BSD

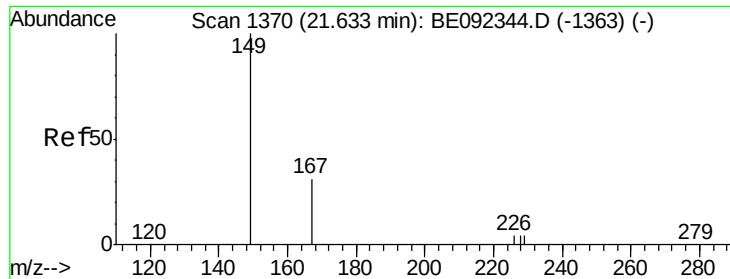
Tgt Ion:228 Resp: 565302
Ion Ratio Lower Upper
228 100
226 26.5 23.6 35.4
229 17.6 13.3 19.9



#28
Chrysene
Concen: 6.77 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092387.D
Acq: 16 Sep 2016 11:30

Tgt Ion:228 Resp: 568475
Ion Ratio Lower Upper
228 100
226 26.5 36.3 54.5#
229 17.6 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 2.25 ng

RT: 21.63 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

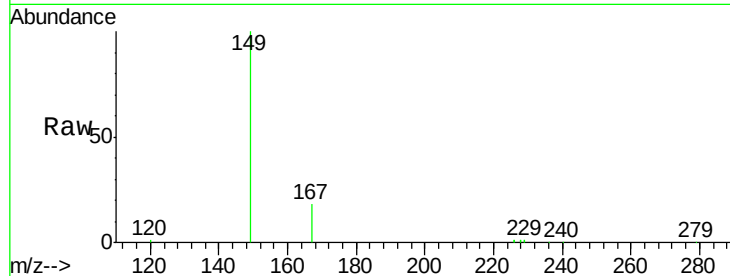
Tgt Ion:149 Resp: 30885

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

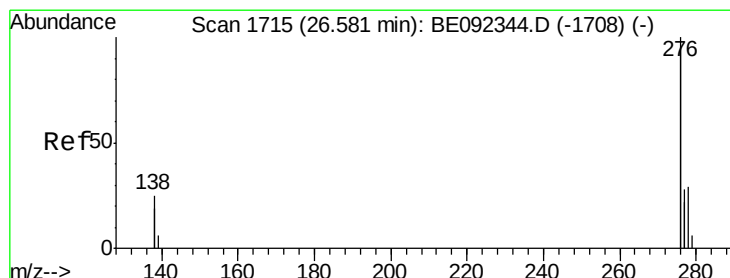
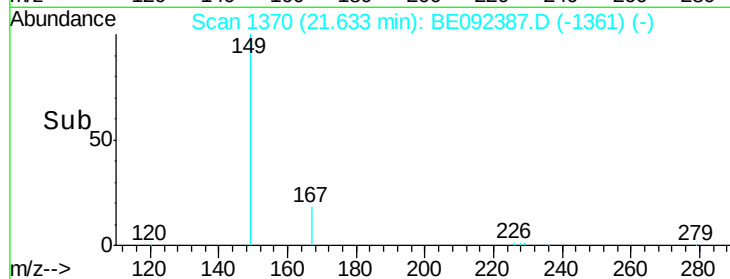
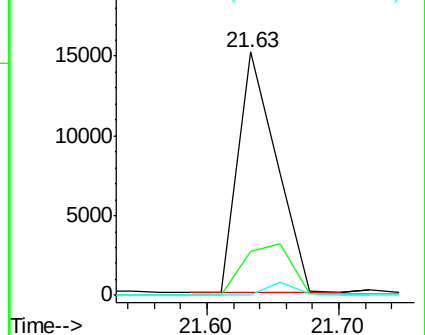
279 0.0 16.0 24.0#



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: 3.80 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.03 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

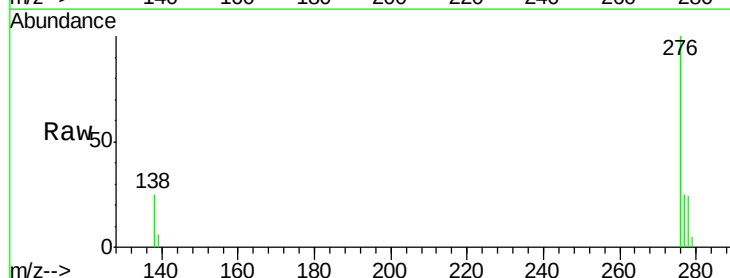
Tgt Ion:276 Resp: 365873

Ion Ratio Lower Upper

276 100

138 26.4 20.3 30.5

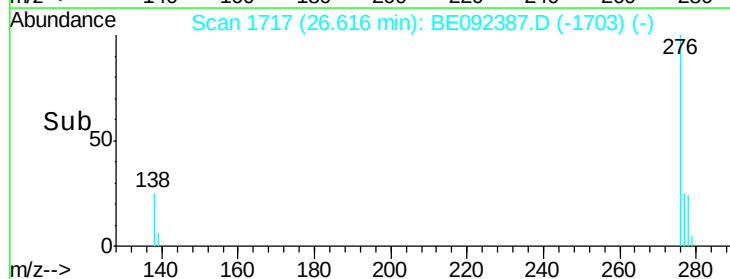
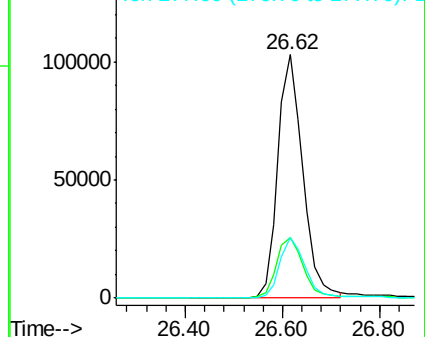
277 24.8 19.7 29.5

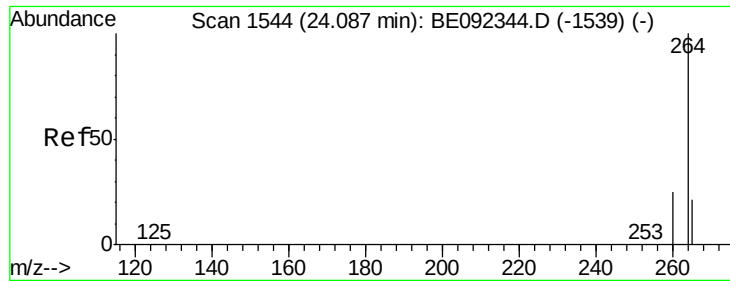


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

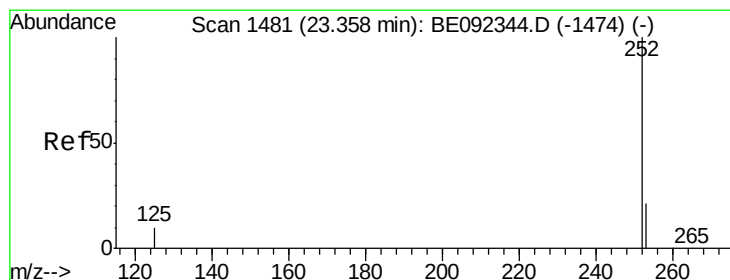
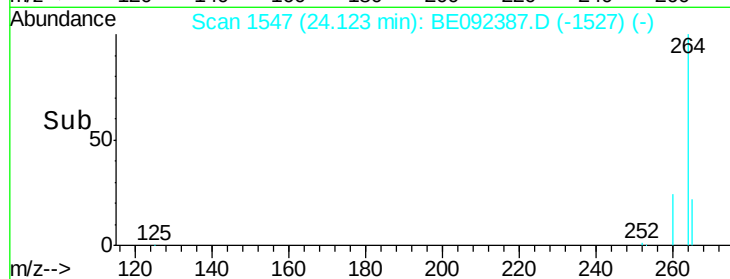
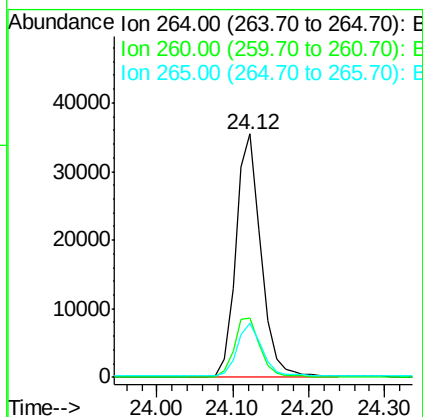
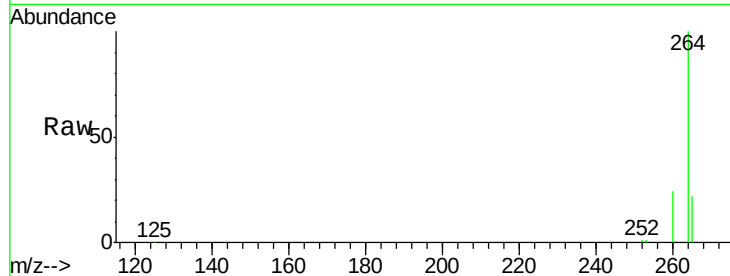




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092387.D
 Acq: 16 Sep 2016 11:30

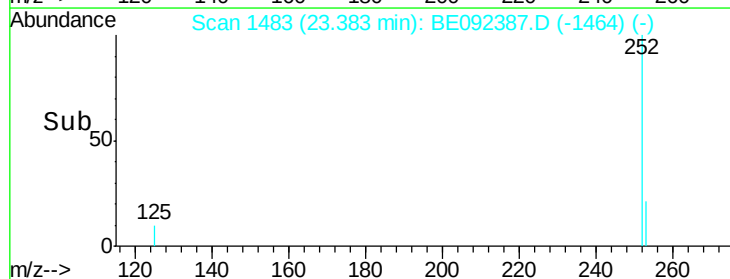
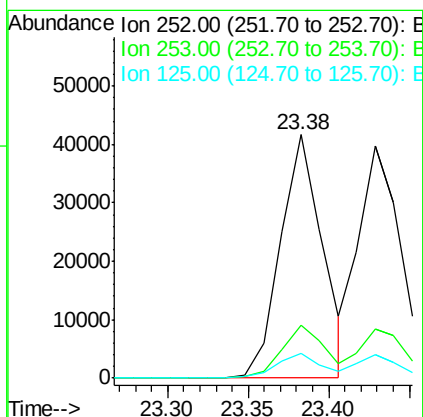
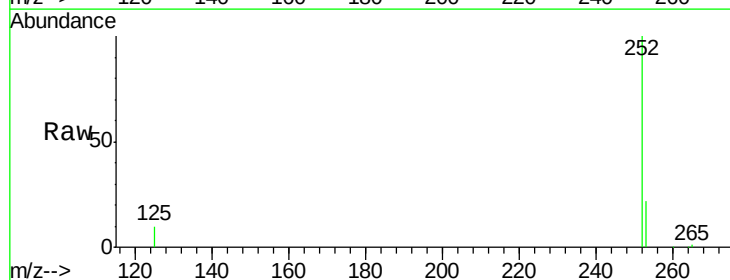
Instrument :
 BNA_E
 ClientSampleId :
 PB93386BSD

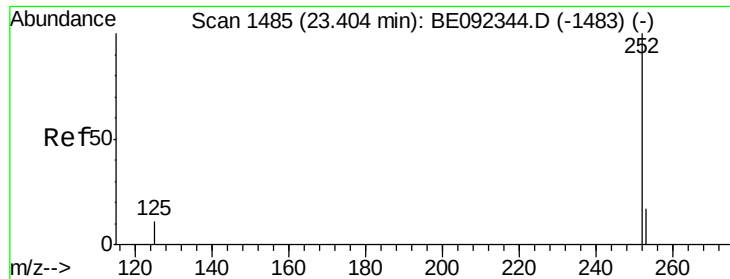
Tgt Ion: 264 Resp: 81456
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.4 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 3.62 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092387.D
 Acq: 16 Sep 2016 11:30

Tgt Ion: 252 Resp: 75715
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.7 28.1
 125 10.0 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.39 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

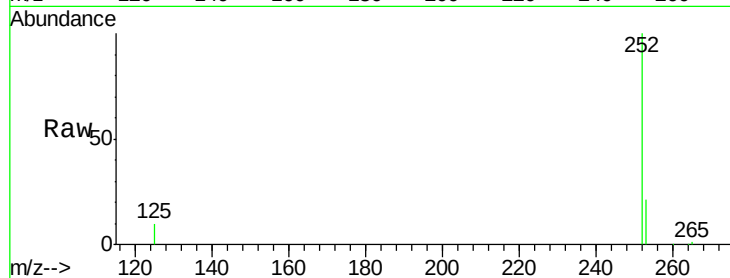
Tgt Ion:252 Resp: 74976

Ion Ratio Lower Upper

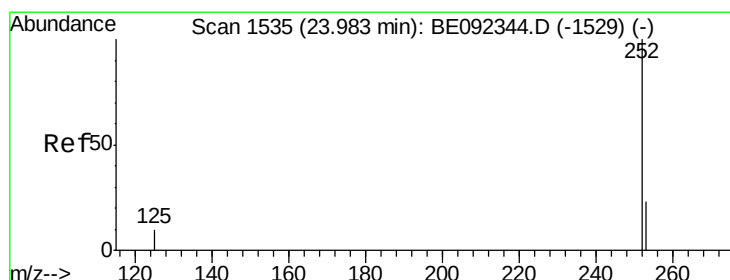
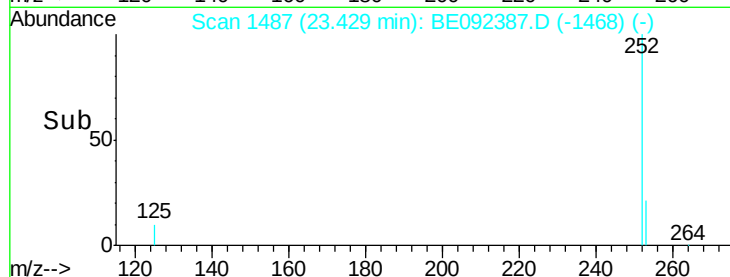
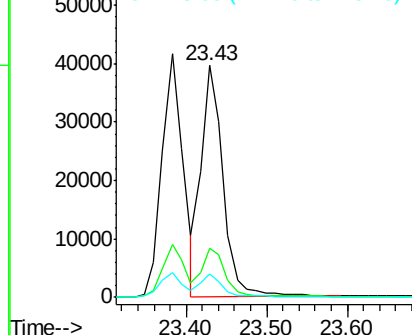
252 100

253 21.4 20.3 30.5

125 10.2 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: 3.67 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

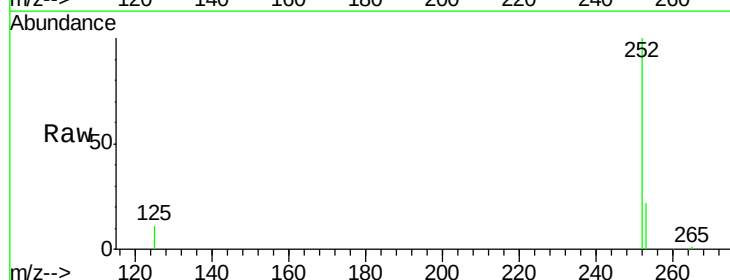
Tgt Ion:252 Resp: 75558

Ion Ratio Lower Upper

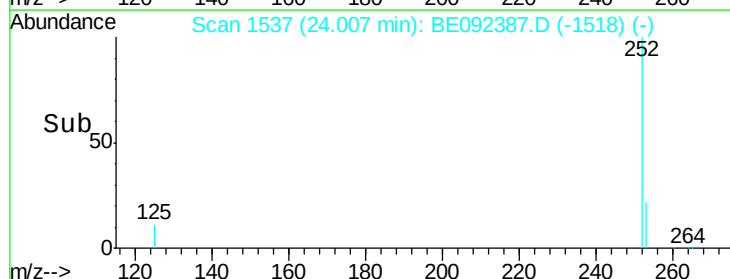
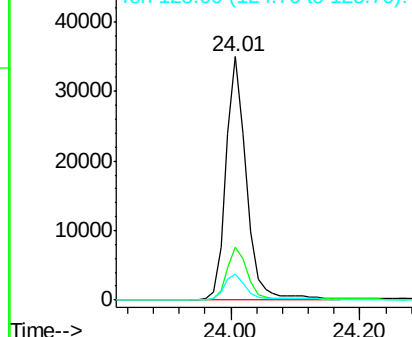
252 100

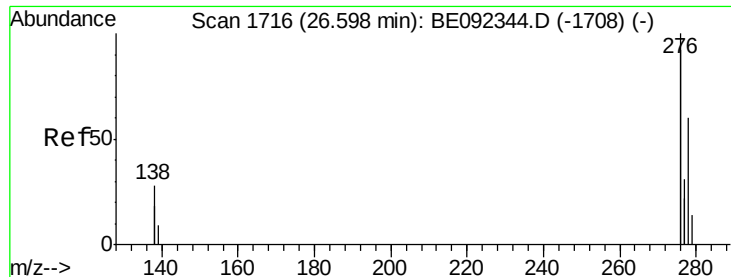
253 22.0 19.0 28.6

125 10.9 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: 4.03 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.03 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

Instrument :

BNA_E

ClientSampleId :

PB93386BSD

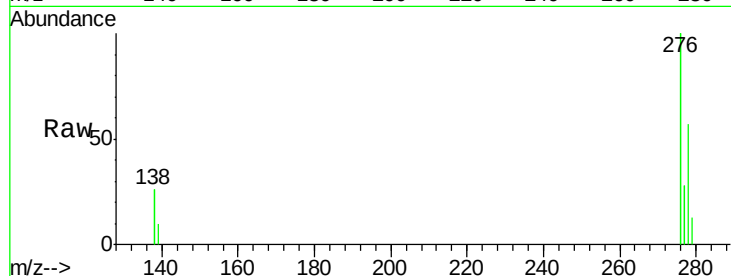
Tgt Ion: 278 Resp: 76761

Ion Ratio Lower Upper

278 100

139 18.3 13.8 20.8

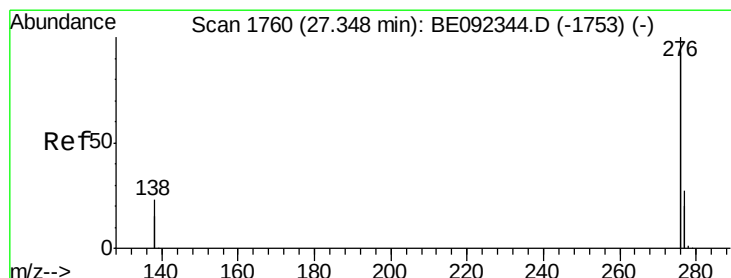
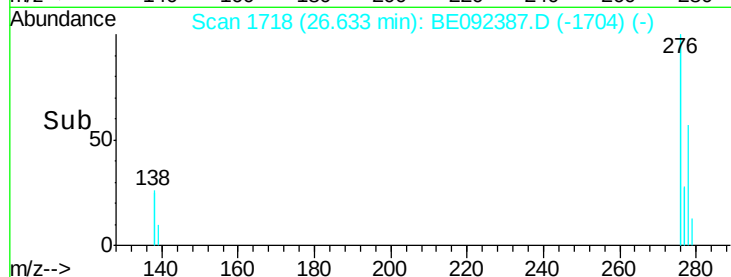
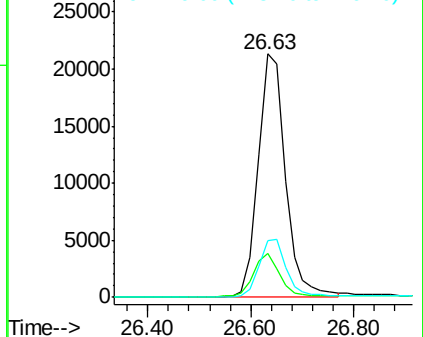
279 23.6 21.4 32.2



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: 3.97 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.03 min

Lab File: BE092387.D

Acq: 16 Sep 2016 11:30

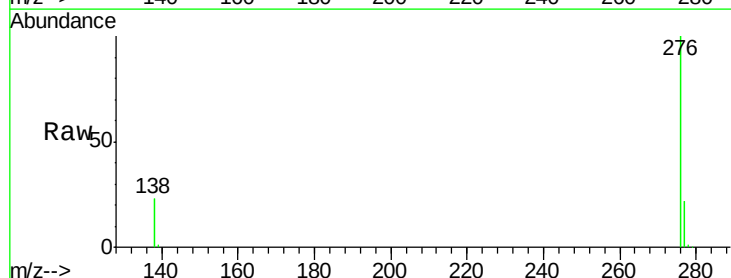
Tgt Ion: 276 Resp: 319223

Ion Ratio Lower Upper

276 100

277 22.2 19.8 29.8

138 23.4 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

