

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092451.D
 Acq On : 7 Oct 2016 17:46
 Operator : UM/SJ
 Sample : PB93506BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Quant Time: Oct 07 23:21:13 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10824	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	47245	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	30105	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	54655	5.00	ng	0.00
24) Chrysene-d12	21.75	240	84932	5.00	ng	0.00
31) Perylene-d12	24.11	264	73307	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	19077	7.48	ng	-0.02
5) Phenol-d6	7.34	99	24568	6.75	ng	-0.02
8) Nitrobenzene-d5	9.34	82	11859	3.53	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	6751	6.36	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	28920	4.06	ng	-0.01
26) Terphenyl-d14	20.17	244	39339	3.73	ng	0.00

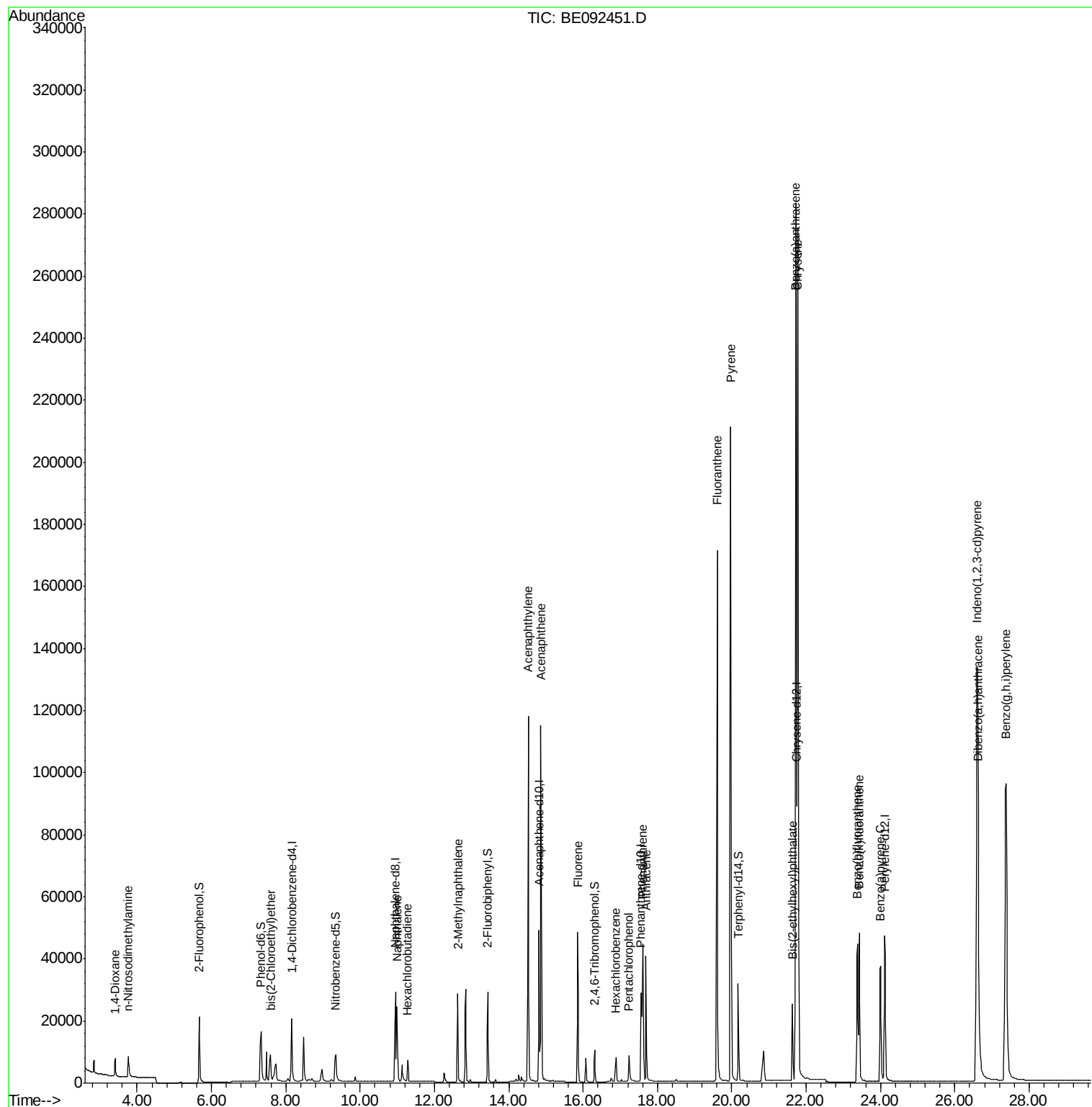
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	3671	3.13	ng	# 81
3) n-Nitrosodimethylamine	3.76	42	6078	3.59	ng	# 95
6) bis(2-Chloroethyl)ether	7.59	93	9809	3.45	ng	# 26
9) Naphthalene	10.99	128	35373	3.46	ng	# 95
10) Hexachlorobutadiene	11.28	225	5330	3.31	ng	100
11) 2-Methylnaphthalene	12.62	142	23545	3.48	ng	# 89
15) Acenaphthylene	14.53	152	156172	3.58	ng	100
16) Acenaphthene	14.87	154	23593	3.46	ng	93
17) Fluorene	15.86	166	30482	3.52	ng	99
19) Hexachlorobenzene	16.89	284	8999	3.85	ng	# 63
20) Pentachlorophenol	17.23	266	7471	8.71	ng	# 85
21) Phenanthrene	17.60	178	53826	4.29	ng	# 94
22) Anthracene	17.70	178	52390	4.34	ng	99
23) Fluoranthene	19.61	202	234030	3.92	ng	99
25) Pyrene	19.97	202	252950	3.44	ng	99
27) Benzo(a)anthracene	21.72	228	291206m	3.52	ng	
28) Chrysene	21.77	228	297365m	3.92	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	31607	4.44	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.60	276	303285	3.77	ng	98
32) Benzo(b)fluoranthene	23.38	252	72076	4.06	ng	# 97
33) Benzo(k)fluoranthene	23.43	252	65586	3.53	ng	94
34) Benzo(a)pyrene	24.01	252	66679	3.83	ng	# 95
35) Dibenzo(a,h)anthracene	26.63	278	63006	3.95	ng	94
36) Benzo(g,h,i)perylene	27.38	276	260186	3.80	ng	97

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
Data File : BE092451.D
Acq On : 7 Oct 2016 17:46
Operator : UM/SJ
Sample : PB93506BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Quant Time: Oct 07 23:21:13 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 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: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

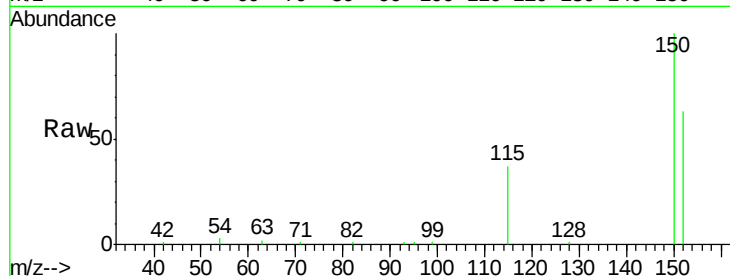
Tot Ion:152 Resp: 10824

Ion Ratio Lower Upper

152 100

150 159.3 106.0 159.0#

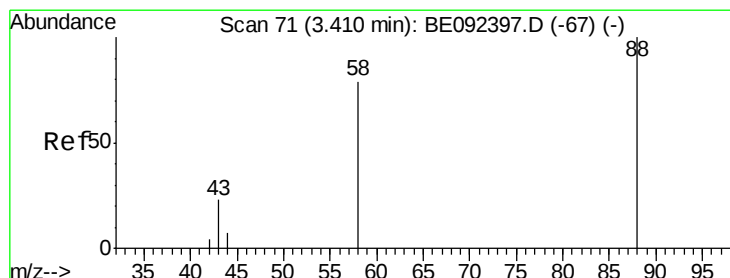
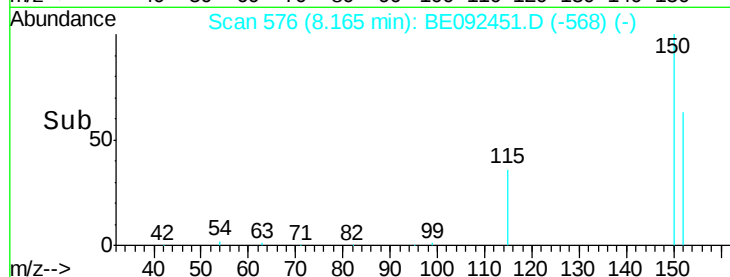
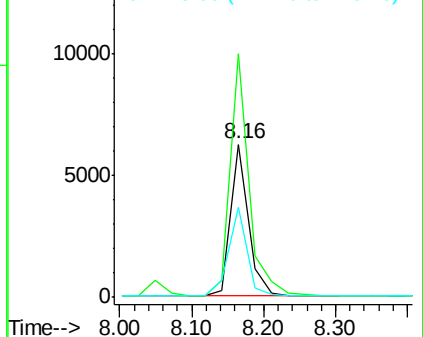
115 58.6 31.2 46.8#



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: 3.13 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

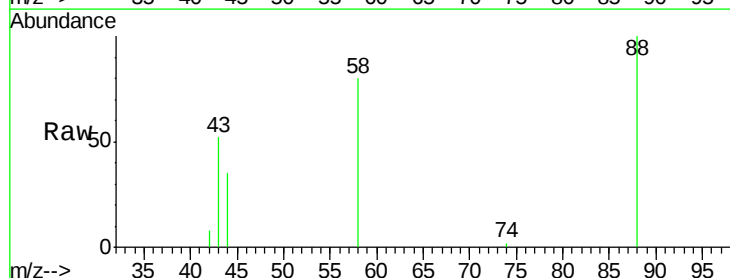
Tgt Ion: 88 Resp: 3671

Ion Ratio Lower Upper

88 100

58 92.6 63.6 95.4

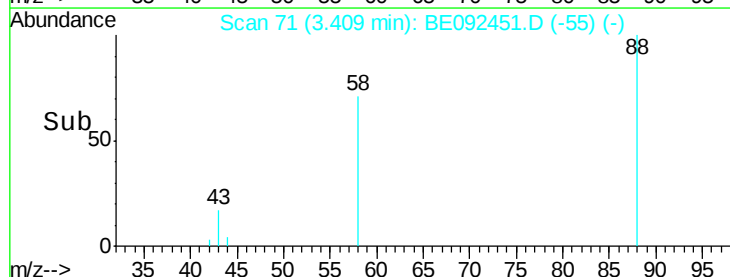
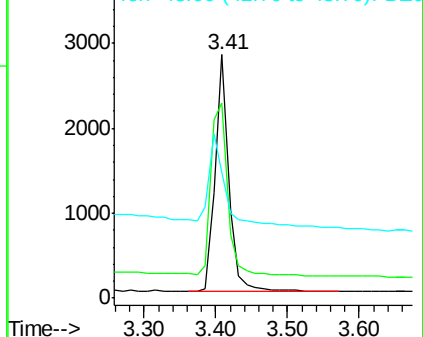
43 51.8 28.0 42.0#

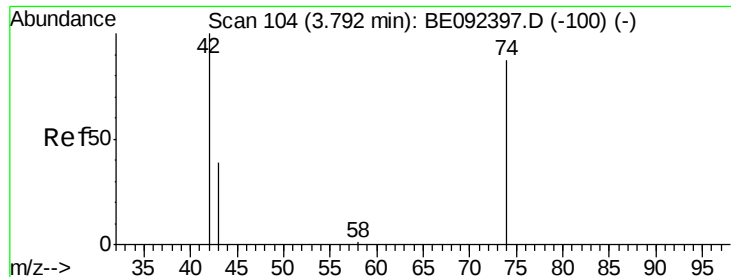


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



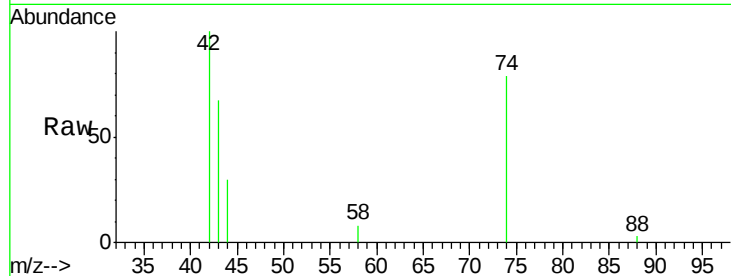


#3

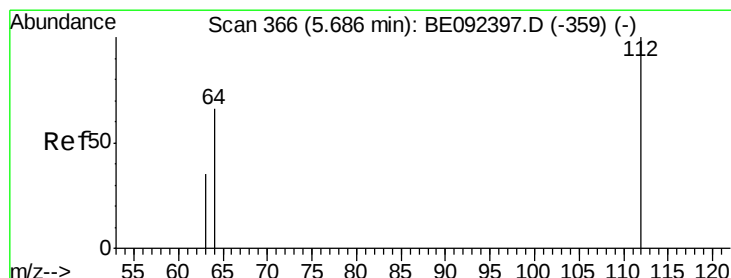
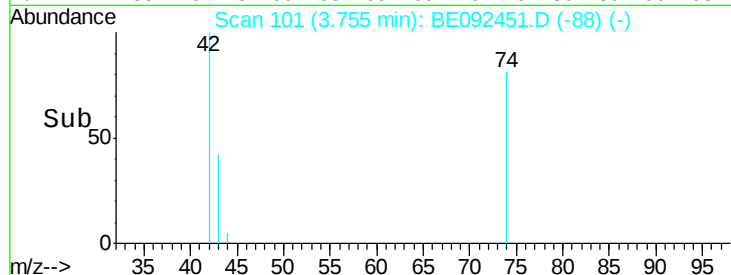
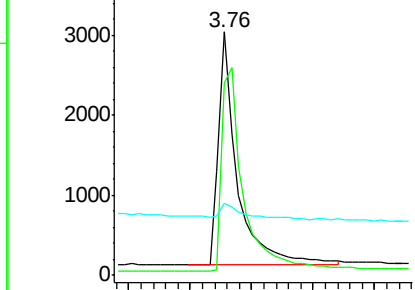
n-Nitrosodimethylamine
Concen: 3.59 ng
RT: 3.76 min Scan# 101
Delta R.T. -0.05 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tot Ion: 42 Resp: 6078
Ion Ratio Lower Upper
42 100
74 102.9 86.0 129.0
44 9.8 5.1 7.7#



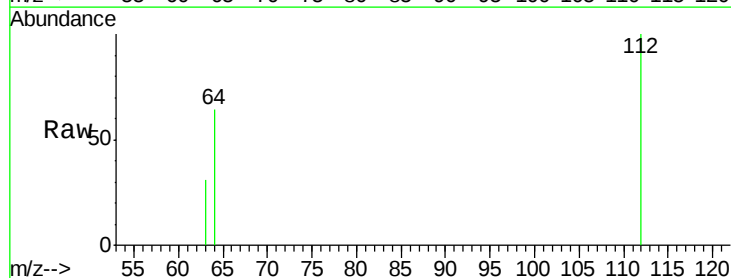
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



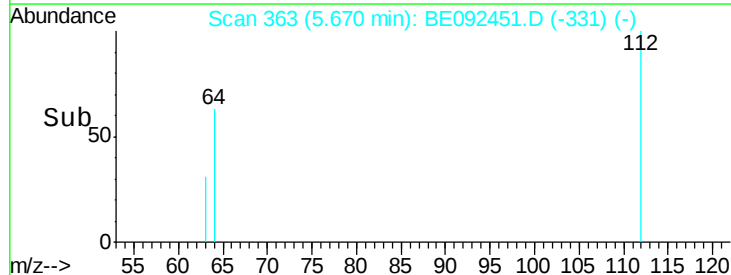
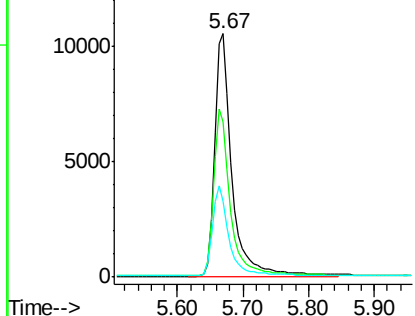
#4

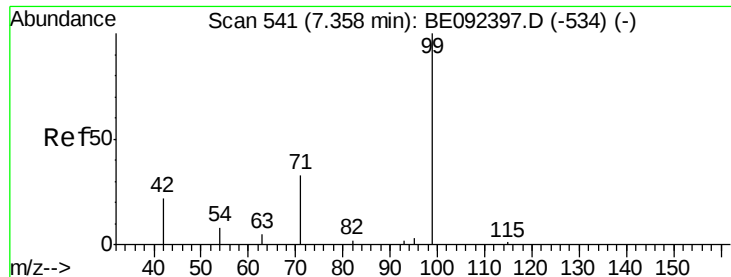
2-Fluorophenol
Concen: 7.48 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion: 112 Resp: 19077
Ion Ratio Lower Upper
112 100
64 67.6 53.5 80.3
63 36.3 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: 6.75 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

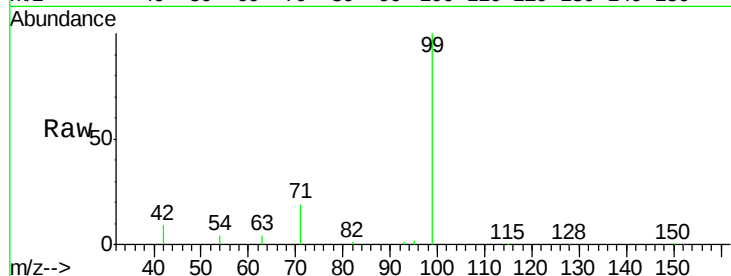
Tot Ion: 99 Resp: 24568

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

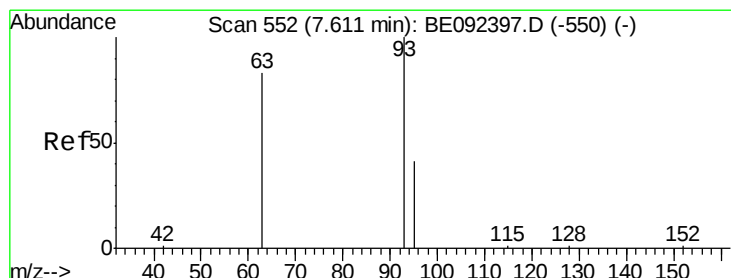
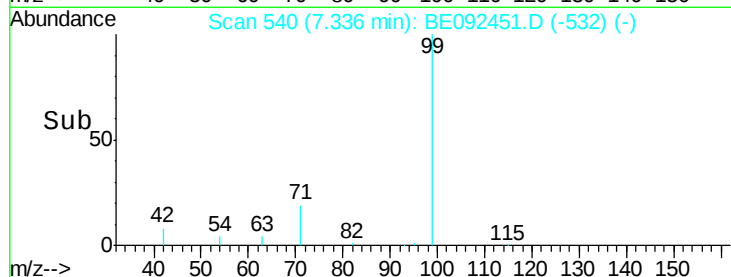
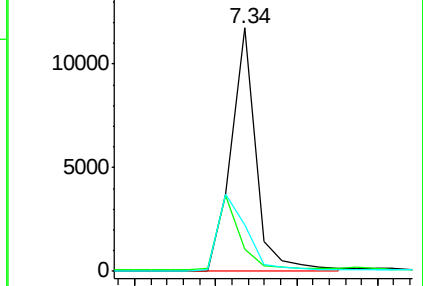
71 0.0 30.6 45.8#



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: 3.45 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

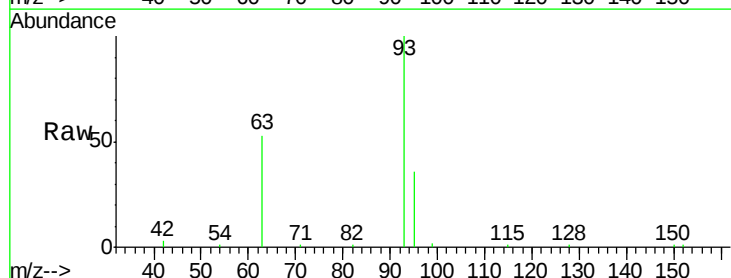
Tgt Ion: 93 Resp: 9809

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

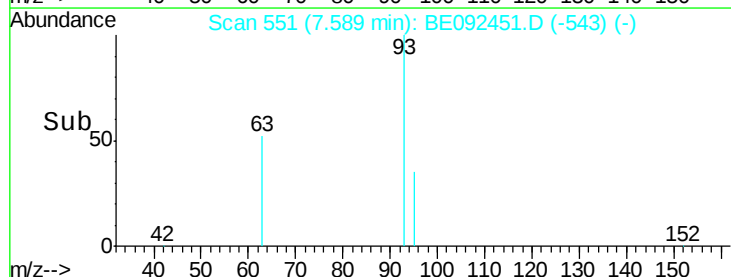
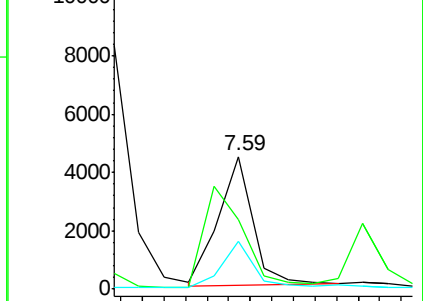
95 34.7 24.0 36.0

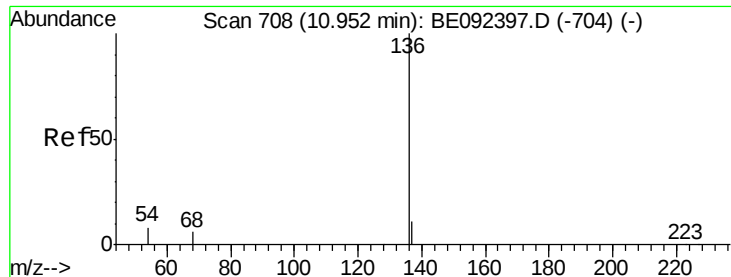


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

Tot Ion:136 Resp: 47245

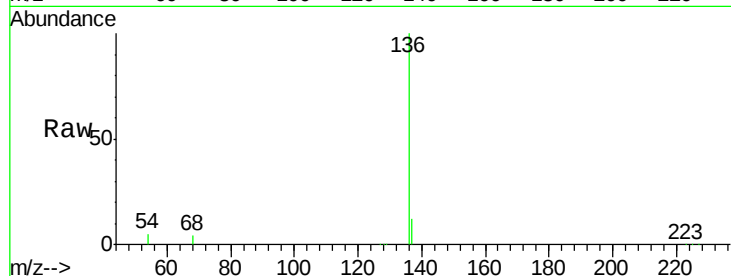
Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.4

54 5.1 9.6 14.4#

68 4.1 6.7 10.1#

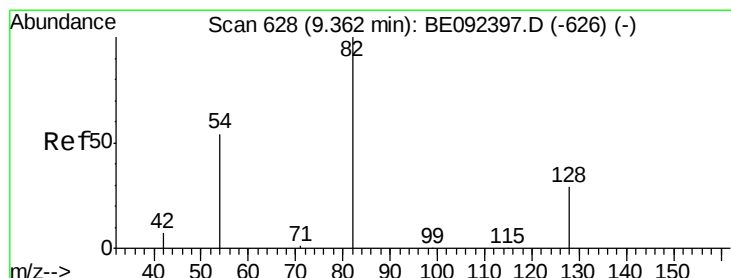
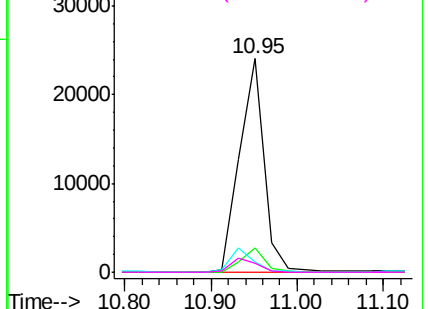
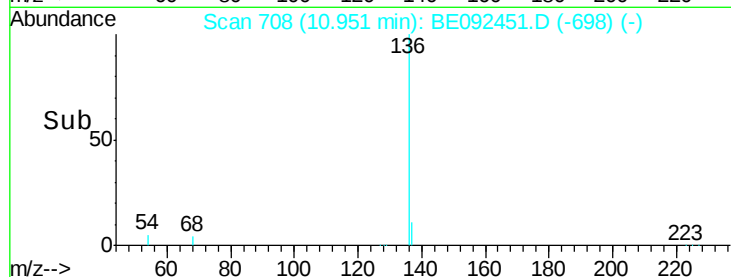


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.53 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

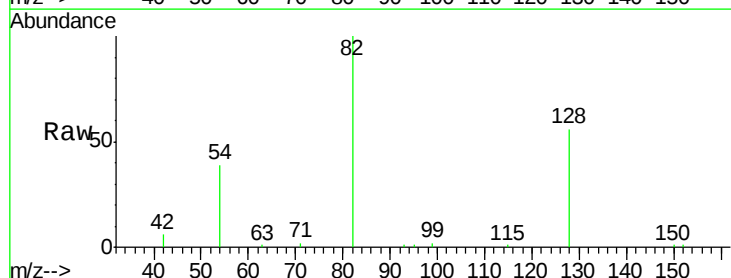
Tgt Ion: 82 Resp: 11859

Ion Ratio Lower Upper

82 100

128 56.4 39.0 58.4

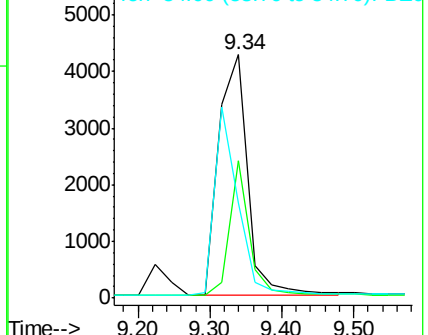
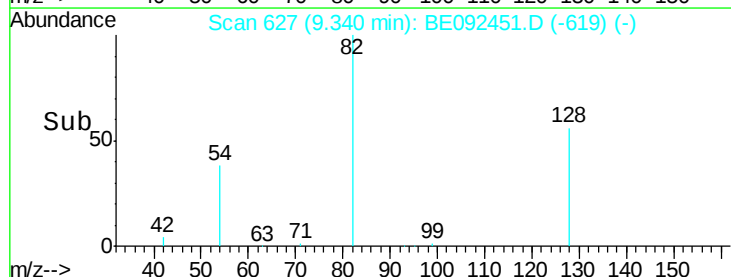
54 39.0 44.8 67.2#

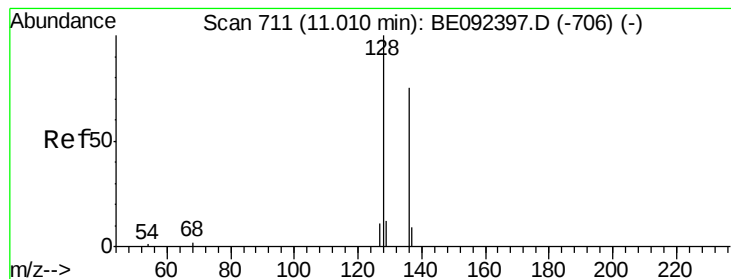


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.46 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

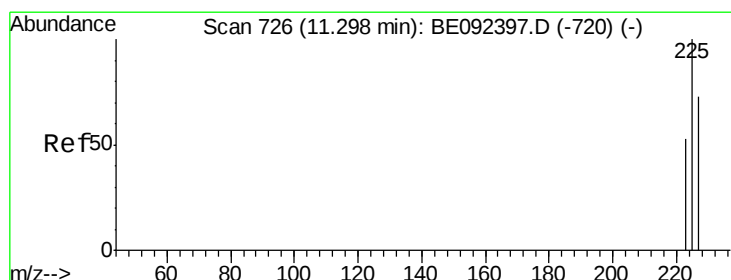
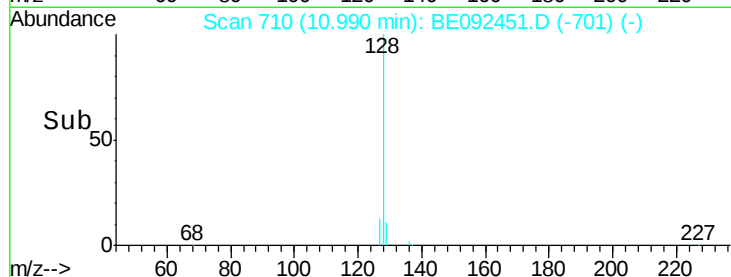
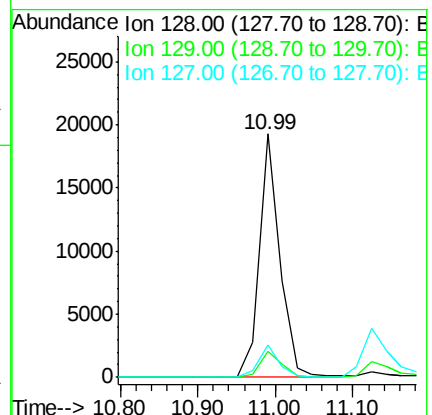
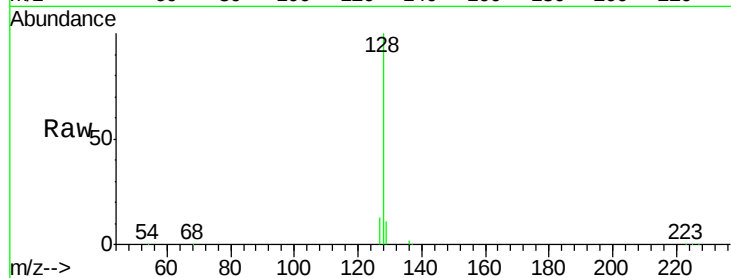
Tot Ion:128 Resp: 35373

Ion Ratio Lower Upper

128 100

129 10.8 11.2 16.8#

127 13.4 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.31 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

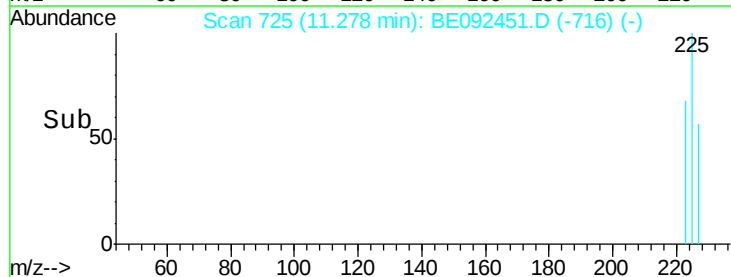
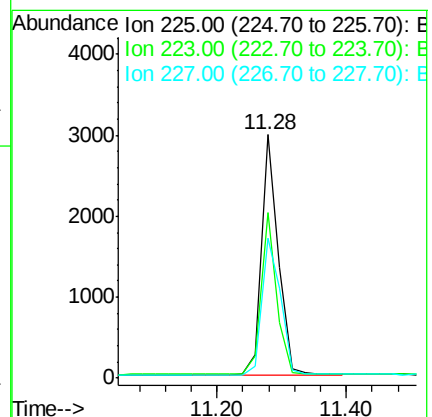
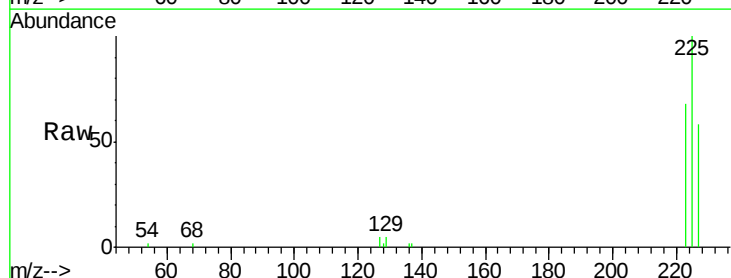
Tgt Ion:225 Resp: 5330

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 63.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 3.48 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

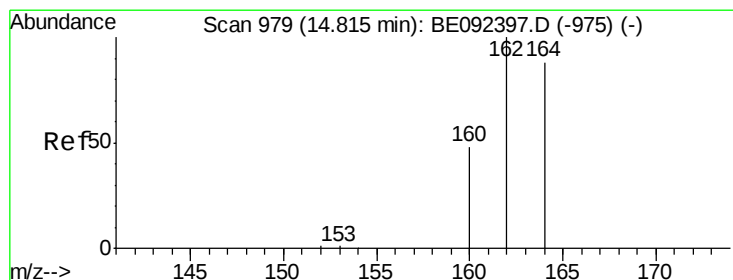
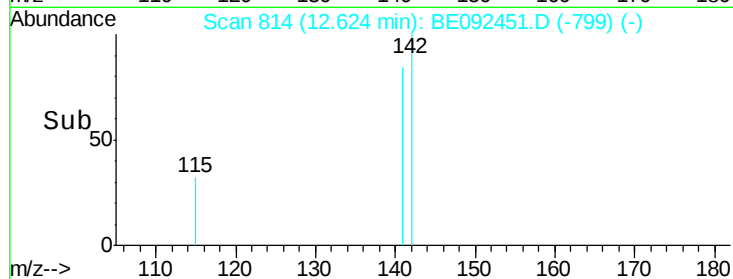
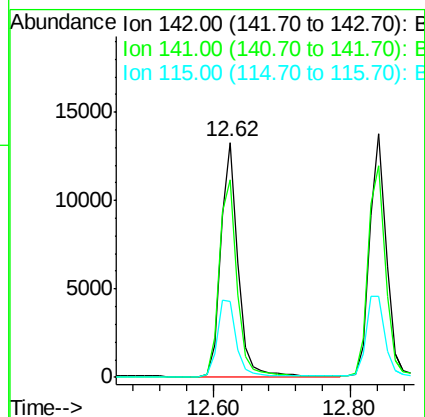
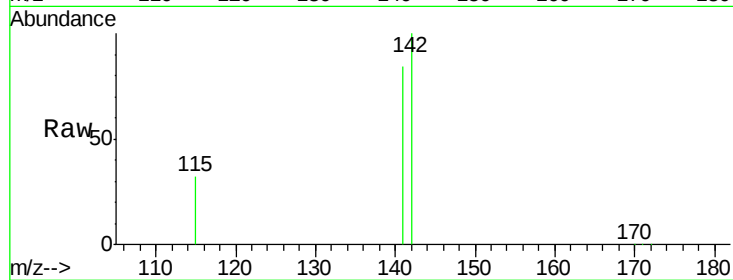
Tot Ion:142 Resp: 23545

Ion Ratio Lower Upper

142 100

141 83.8 73.7 110.5

115 32.2 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: BE092451.D

Acq: 7 Oct 2016 17:46

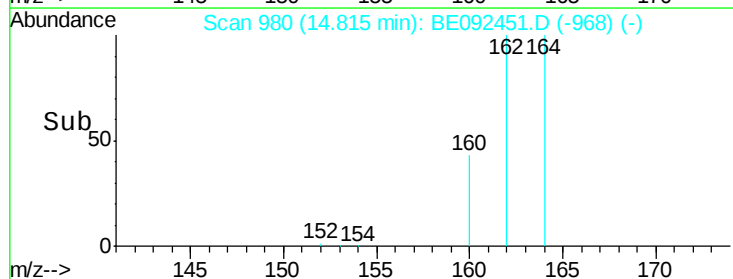
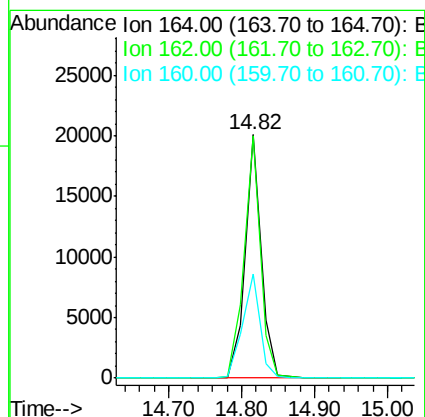
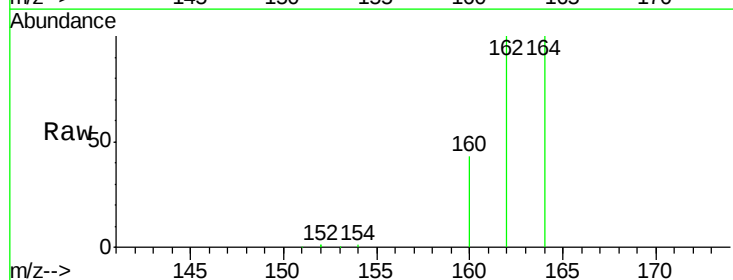
Tgt Ion:164 Resp: 30105

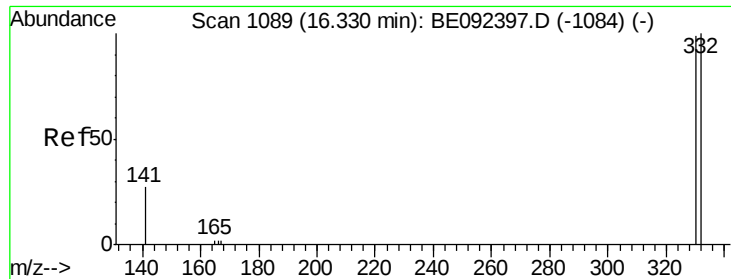
Ion Ratio Lower Upper

164 100

162 99.6 71.4 107.0

160 42.7 27.4 41.2#

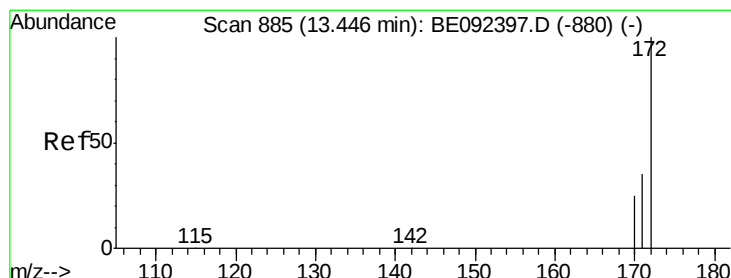
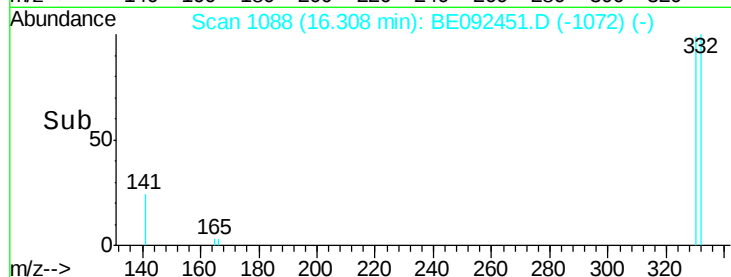
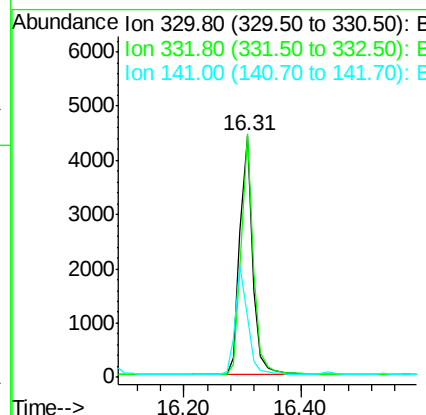
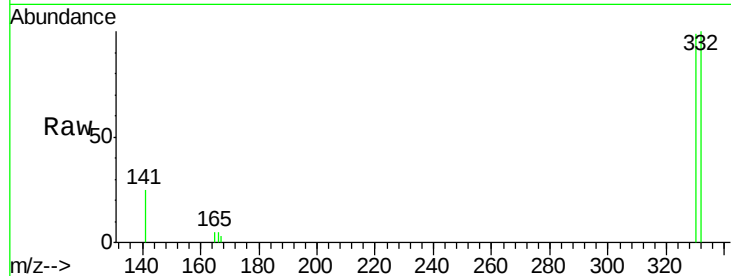




#13
 2,4,6-Tribromophenol
 Concen: 6.36 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

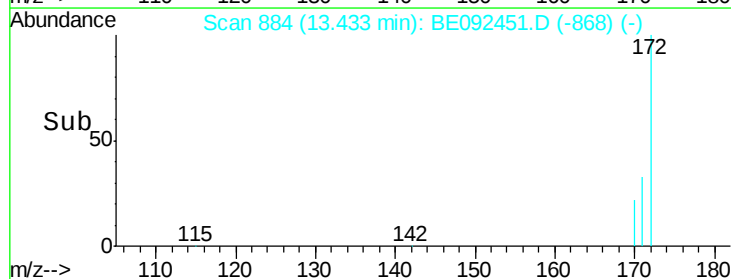
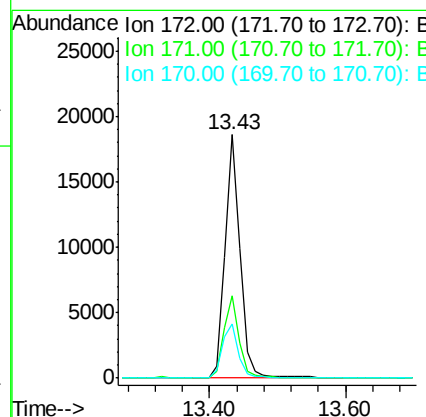
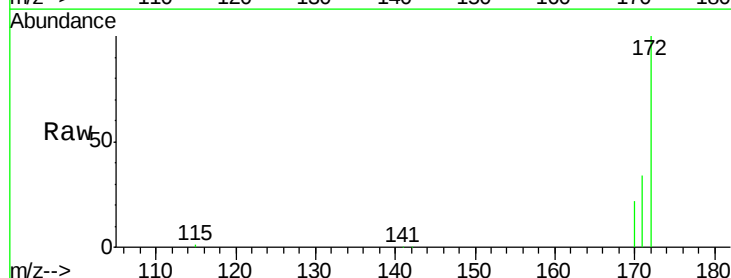
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Tot Ion:330 Resp: 6751
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion:172 Resp: 28920
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.1 45.1
 170 22.5 21.8 32.6





#15

Acenaphthylene

Concen: 3.58 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

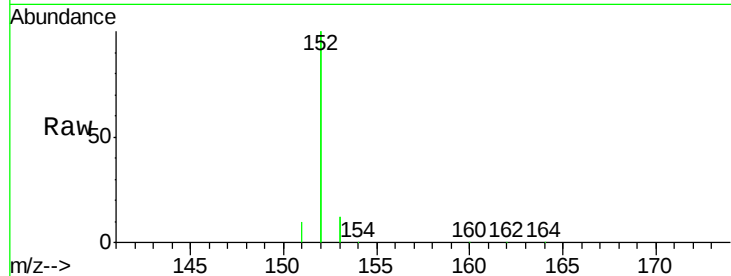
Tot Ion:152 Resp: 156172

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

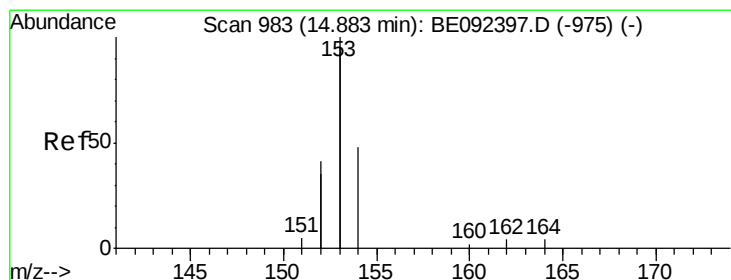
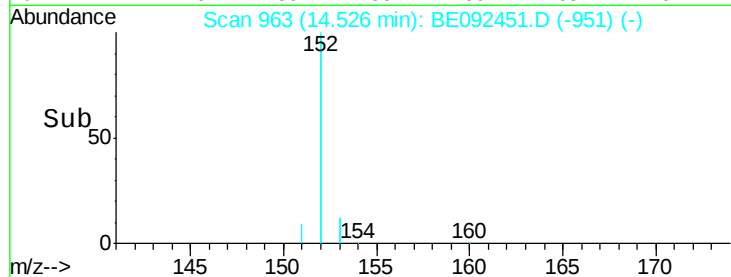
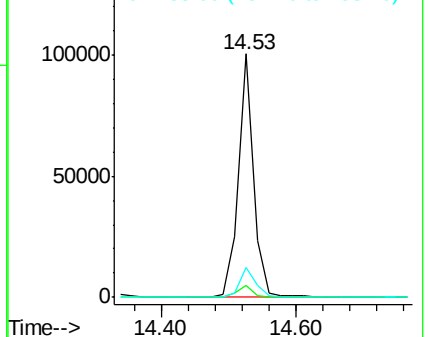
153 12.9 10.4 15.6



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: 3.46 ng

RT: 14.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

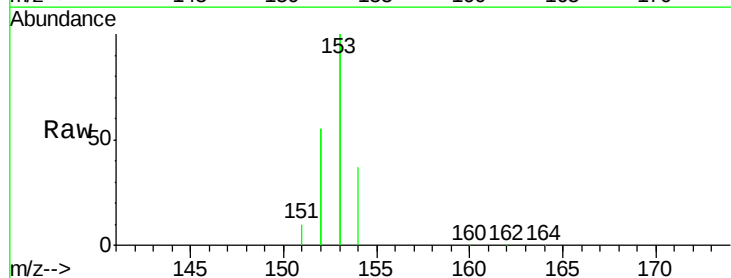
Tgt Ion:154 Resp: 23593

Ion Ratio Lower Upper

154 100

153 453.9 350.8 526.2

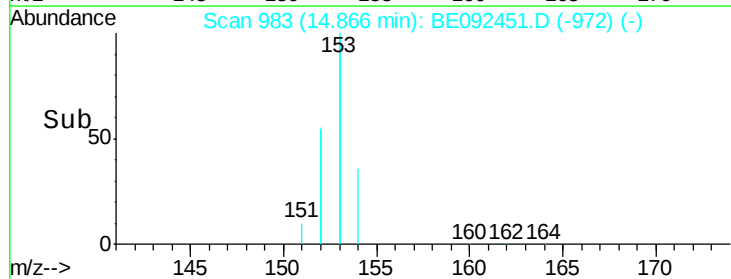
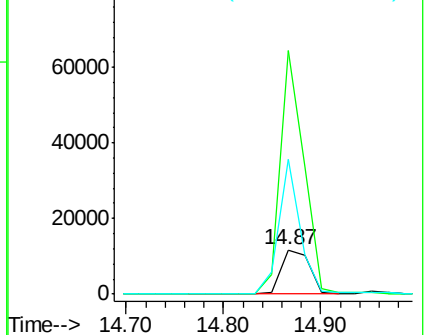
152 225.6 171.1 256.7



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

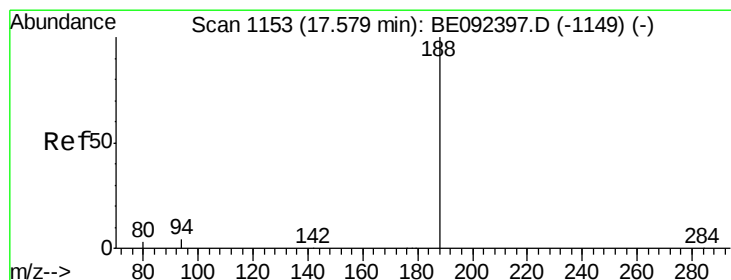
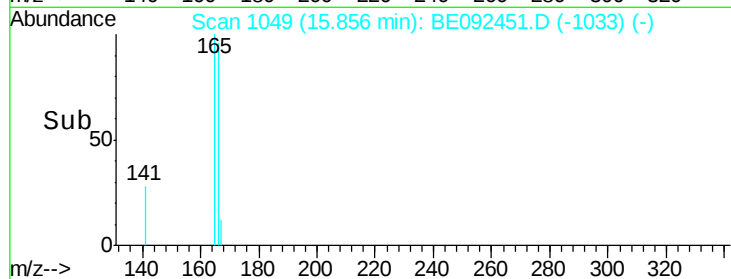
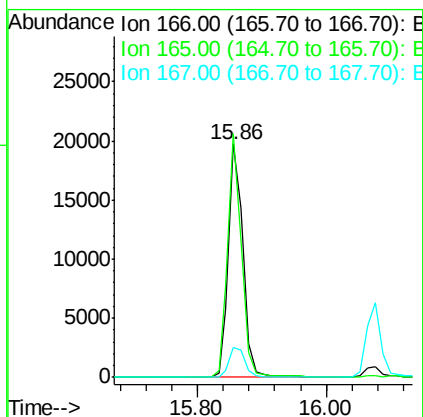
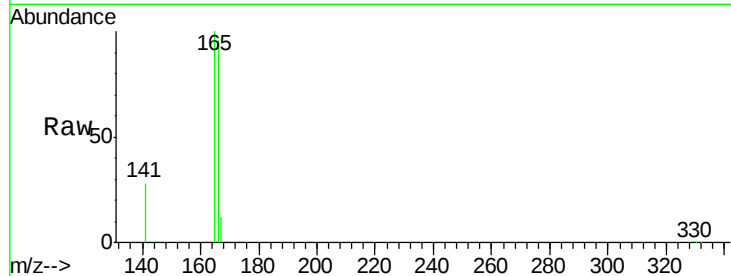




#17
Fluorene
 Concen: 3.52 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

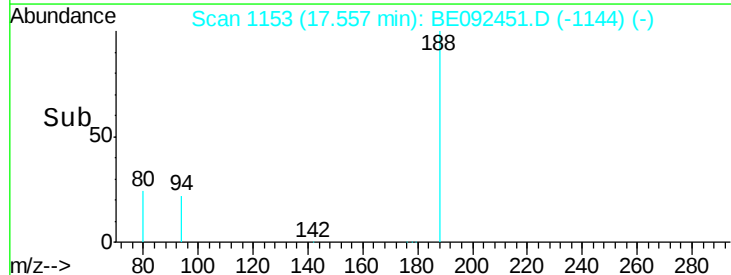
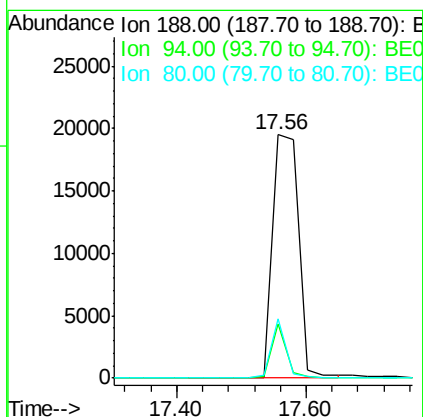
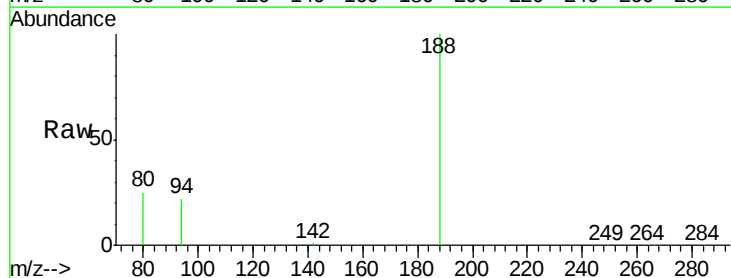
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Tot Ion:166 Resp: 30482
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion:188 Resp: 54655
 Ion Ratio Lower Upper
 188 100
 94 22.2 3.2 4.8#
 80 24.5 2.6 3.8#

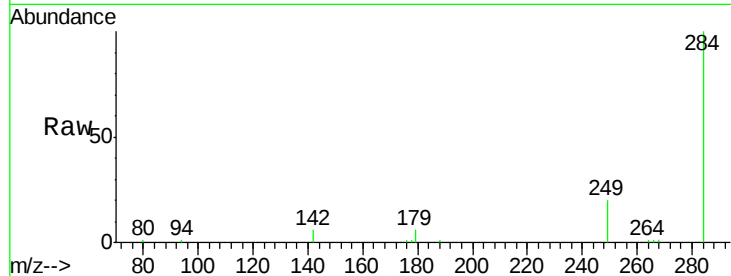




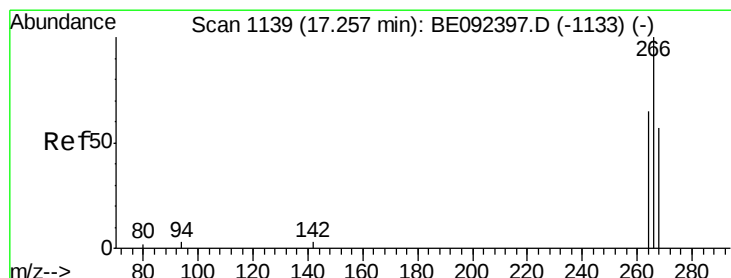
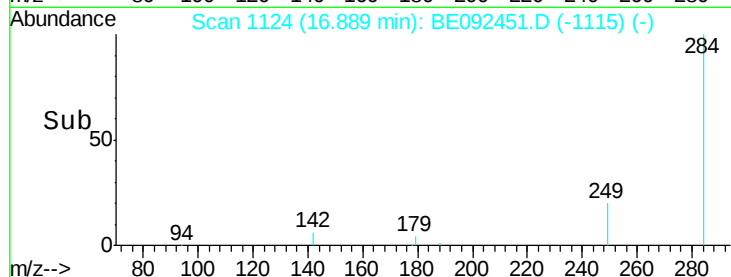
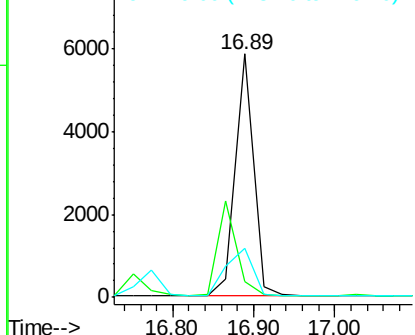
#19
Hexachlorobenzene
Concen: 3.85 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tot Ion:284 Resp: 8999
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.6 27.9 41.9

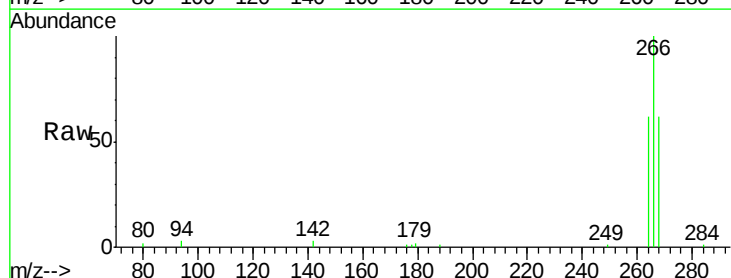


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

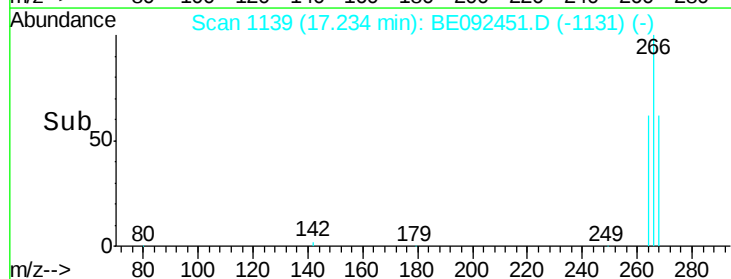
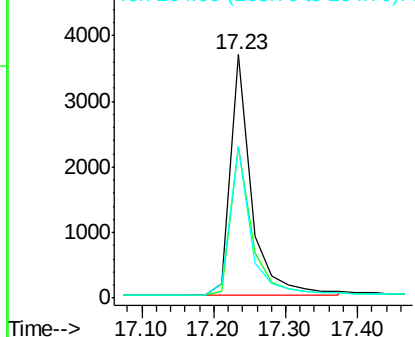


#20
Pentachlorophenol
Concen: 8.71 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:266 Resp: 7471
Ion Ratio Lower Upper
266 100
268 62.2 62.5 93.7#
264 62.1 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: 4.29 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

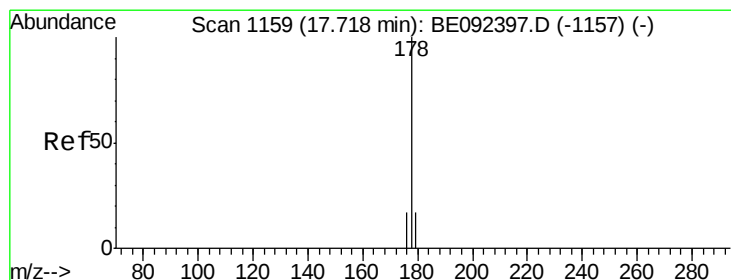
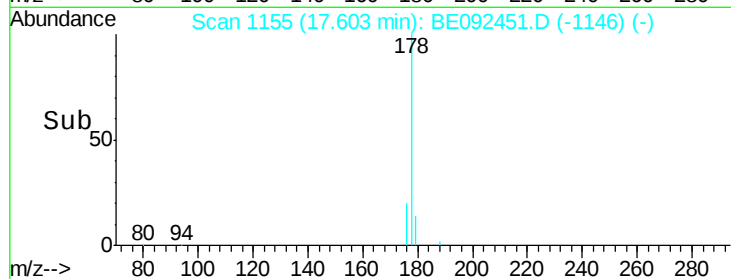
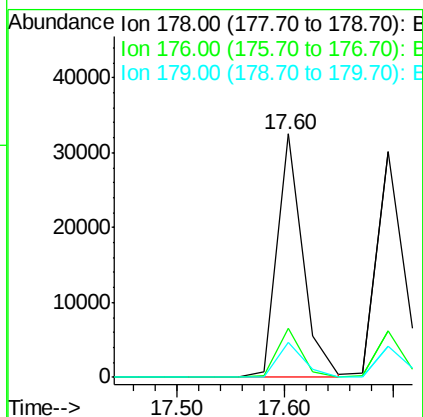
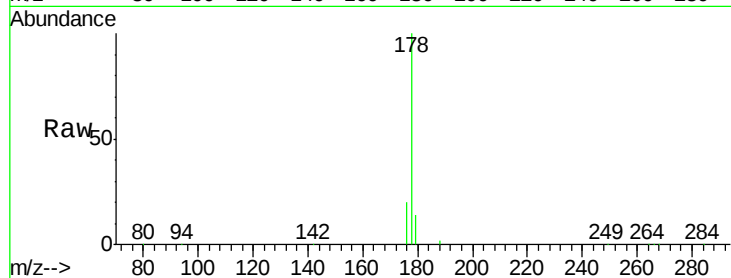
Tot Ion:178 Resp: 53826

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.2 16.0 24.0#



#22

Anthracene

Concen: 4.34 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

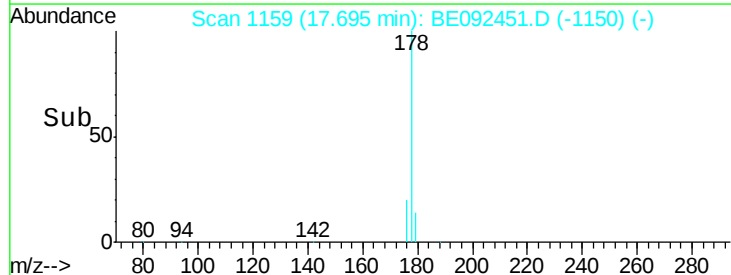
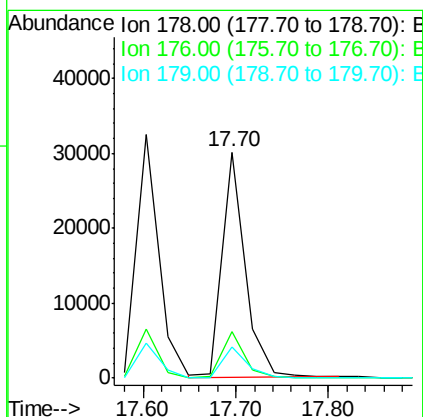
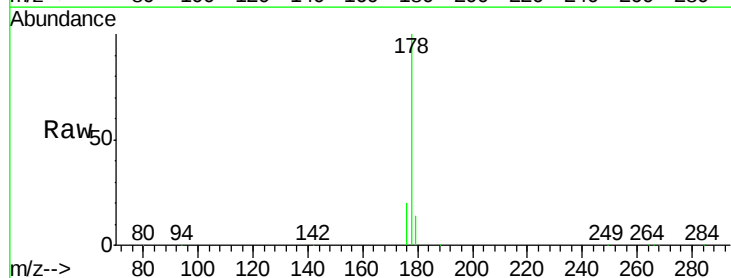
Tgt Ion:178 Resp: 52390

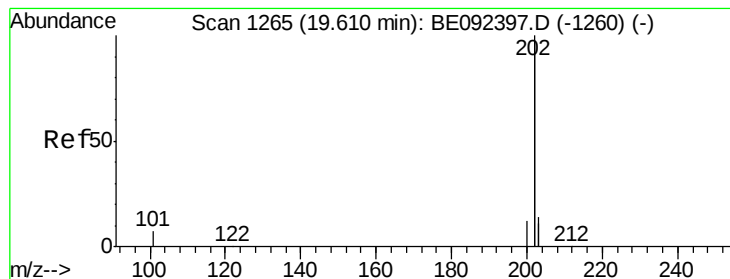
Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

179 14.8 12.2 18.2





#23

Fluoranthene

Concen: 3.92 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

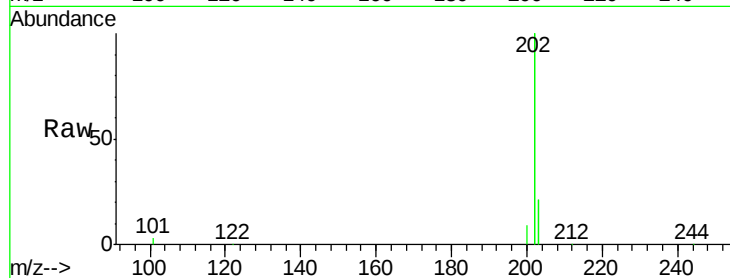
Tot Ion:202 Resp: 234030

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

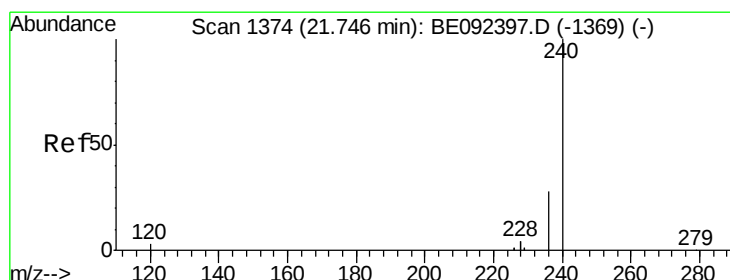
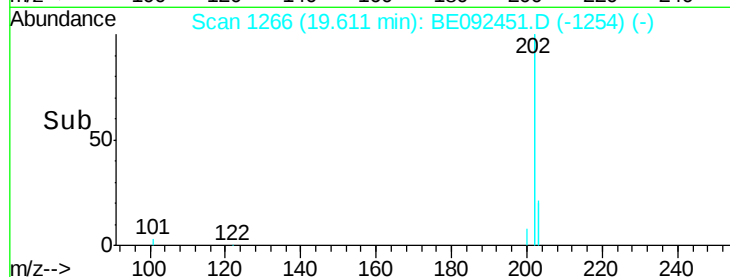
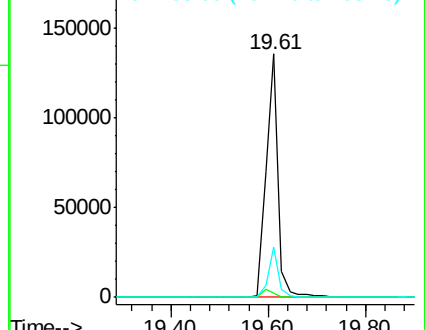
203 17.7 13.7 20.5



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: BE092451.D

Acq: 7 Oct 2016 17:46

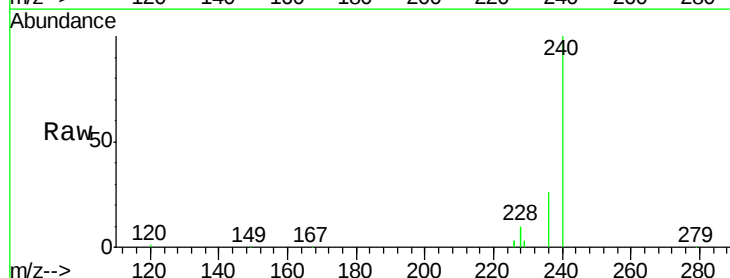
Tgt Ion:240 Resp: 84932

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

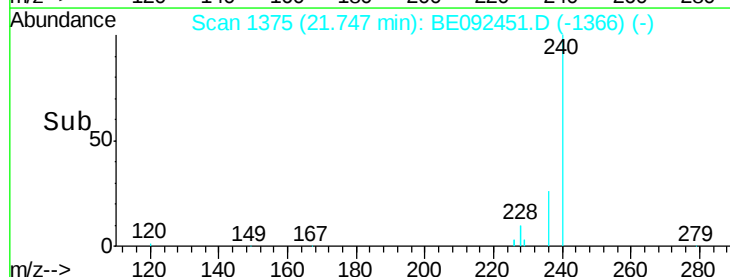
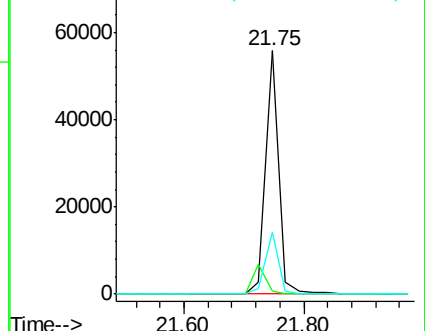
236 25.6 24.6 37.0

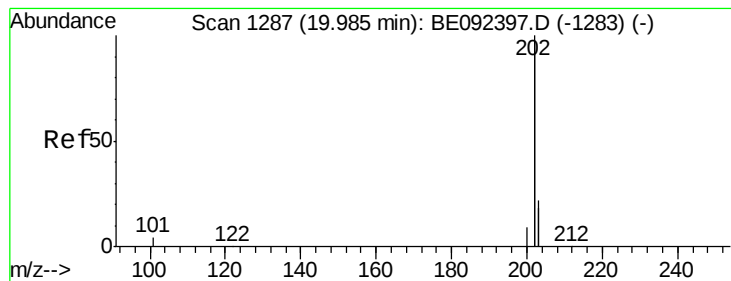


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 3.44 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

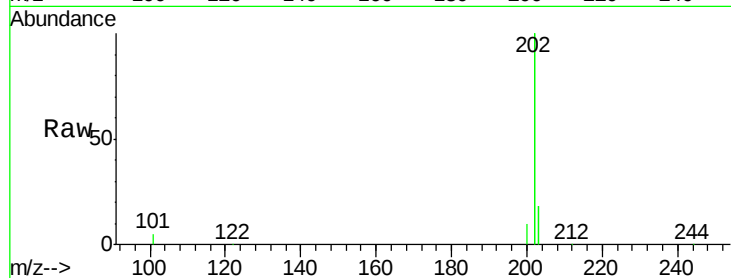
Tot Ion:202 Resp: 252950

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

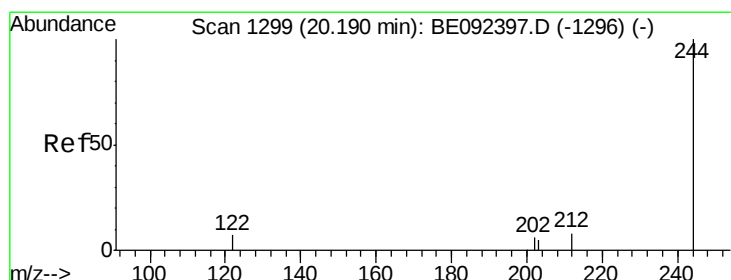
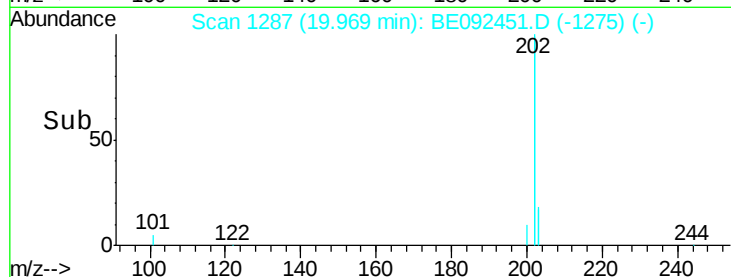
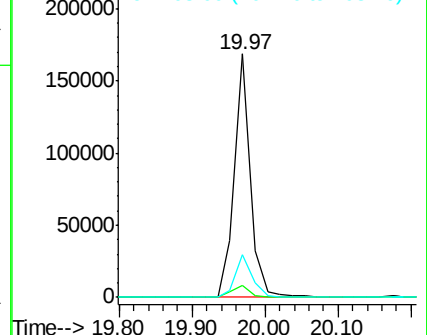
203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 3.73 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

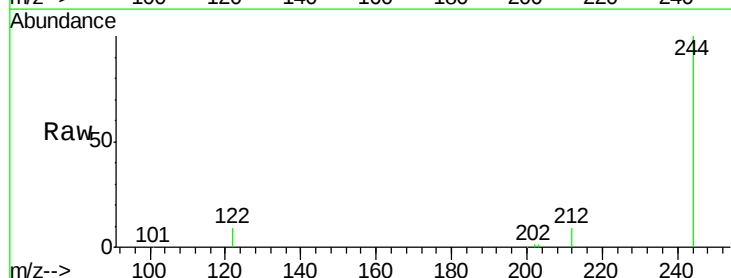
Tgt Ion:244 Resp: 39339

Ion Ratio Lower Upper

244 100

212 9.1 6.7 10.1

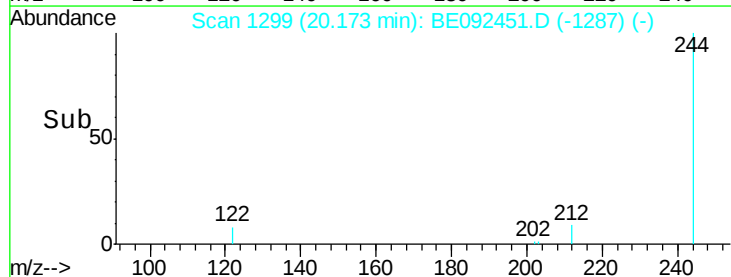
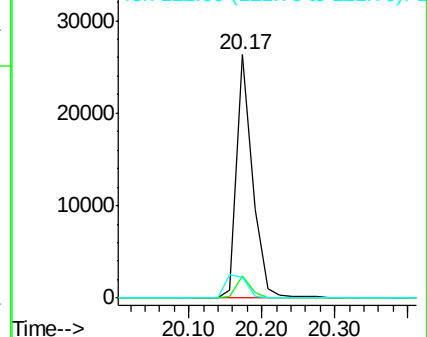
122 8.7 3.6 5.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 3.52 ng m

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

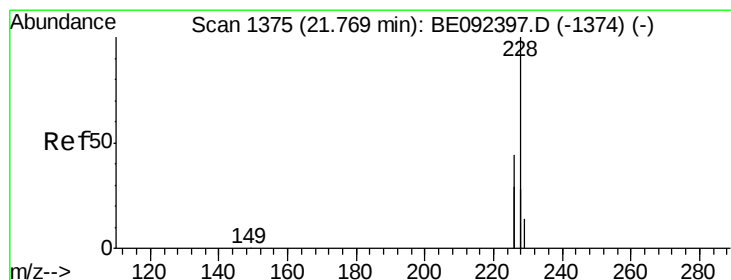
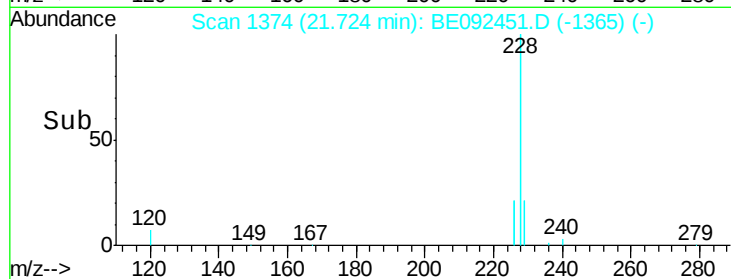
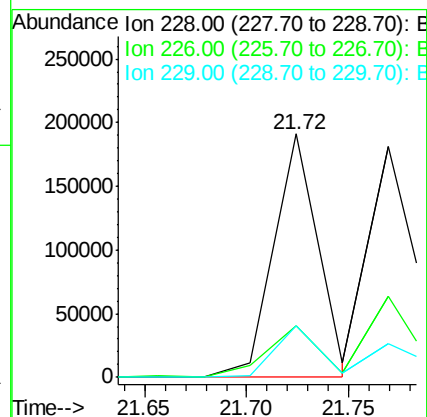
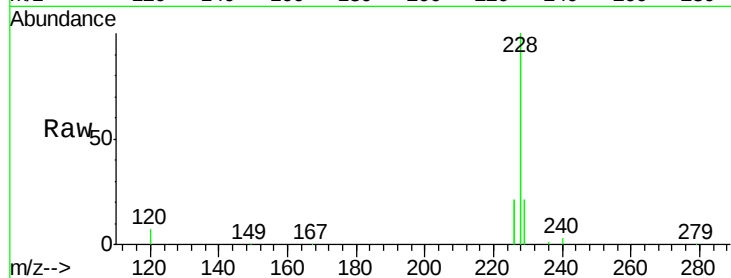
Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tot Ion:228 Resp: 291206

Ion	Ratio	Lower	Upper
228	100		
226	21.1	23.6	35.4#
229	21.4	13.3	19.9#



#28

Chrysene

Concen: 3.92 ng m

RT: 21.77 min Scan# 1376

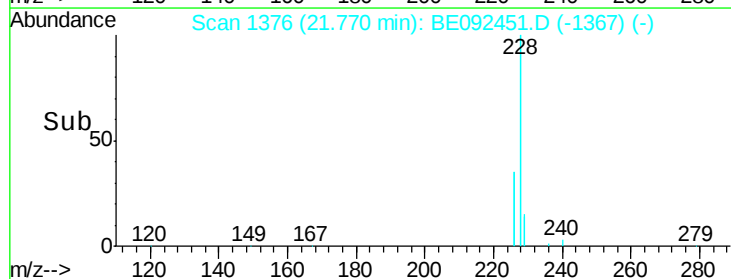
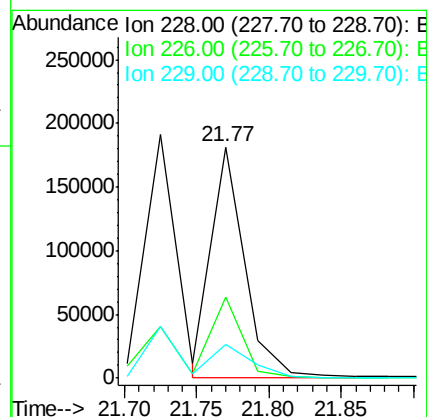
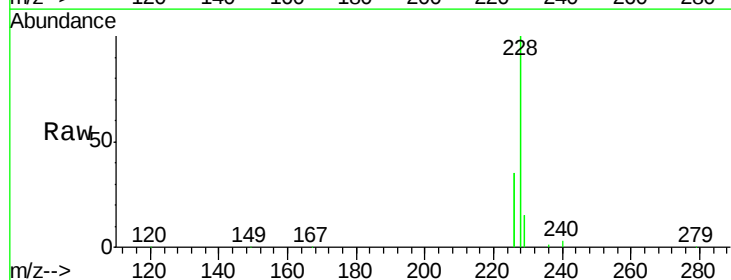
Delta R.T. 0.00 min

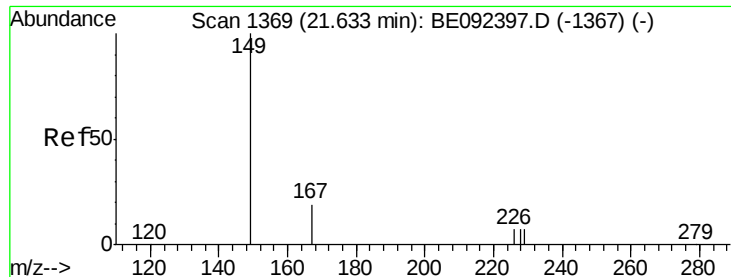
Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Tgt Ion:228 Resp: 297365

Ion	Ratio	Lower	Upper
228	100		
226	35.0	36.3	54.5#
229	14.7	10.6	16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 4.44 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

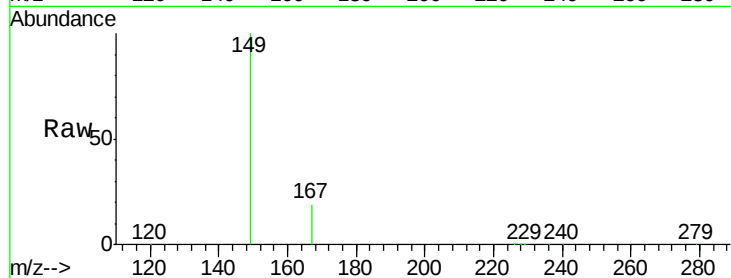
Tot Ion:149 Resp: 31607

Ion Ratio Lower Upper

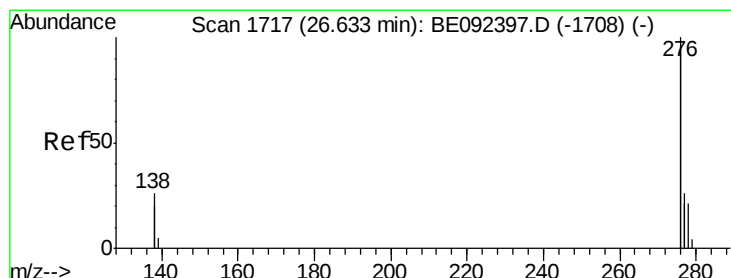
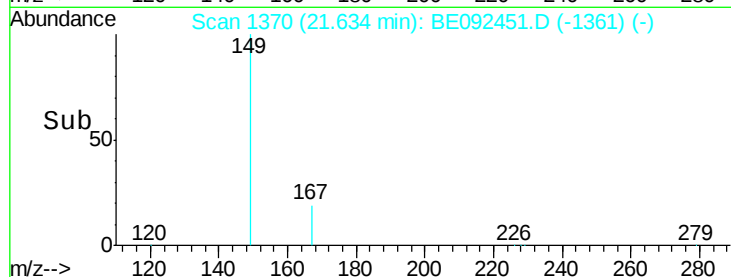
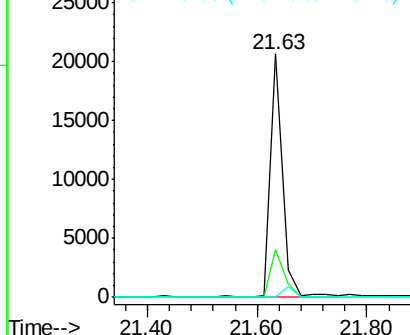
149 100

167 21.9 16.0 24.0

279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 3.77 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

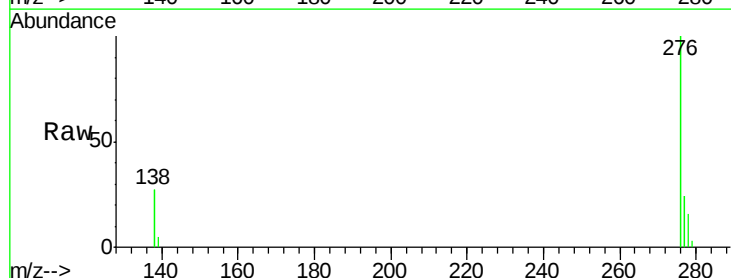
Tgt Ion:276 Resp: 303285

Ion Ratio Lower Upper

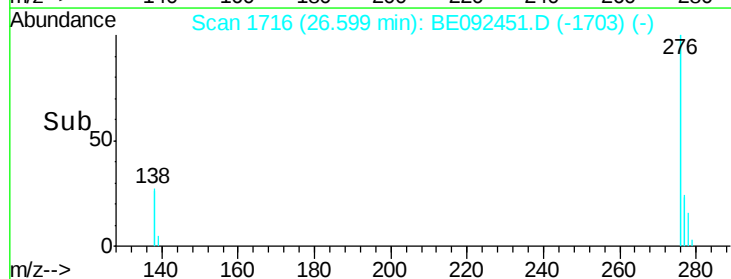
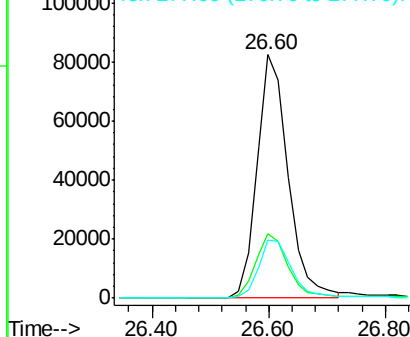
276 100

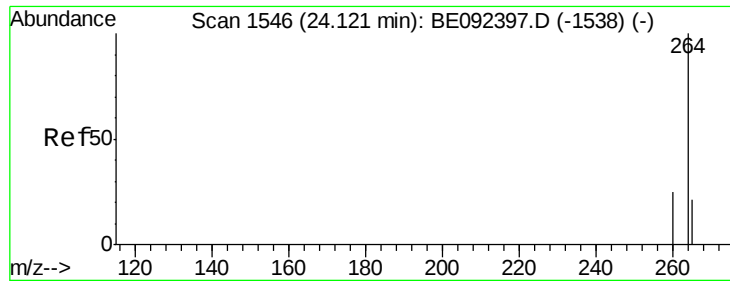
138 27.2 20.3 30.5

277 24.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



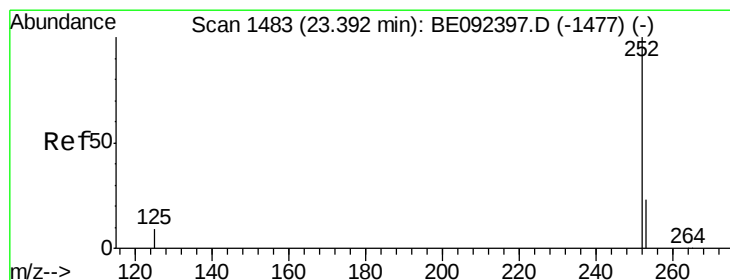
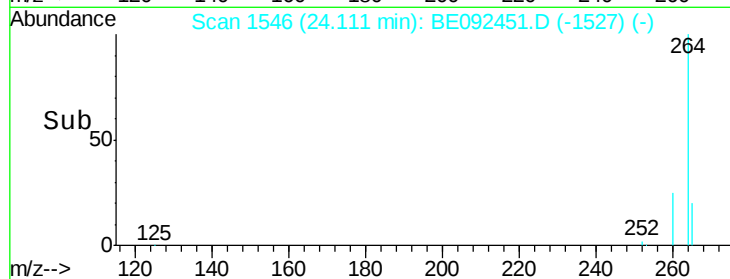
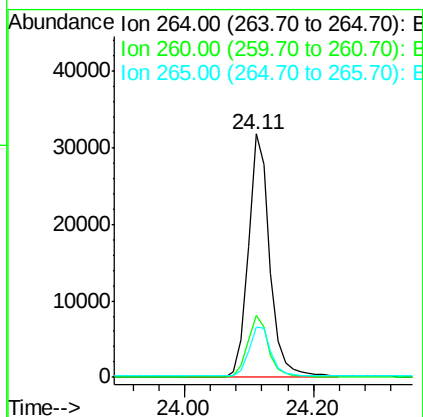
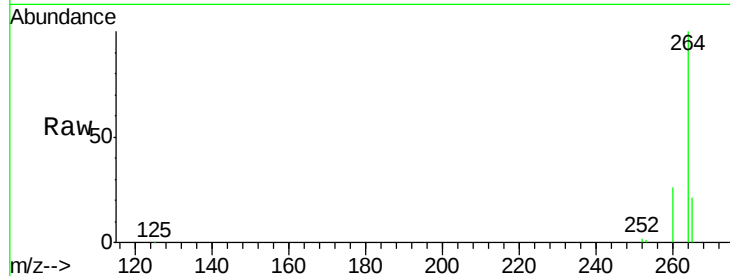


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tot Ion:264 Resp: 73307

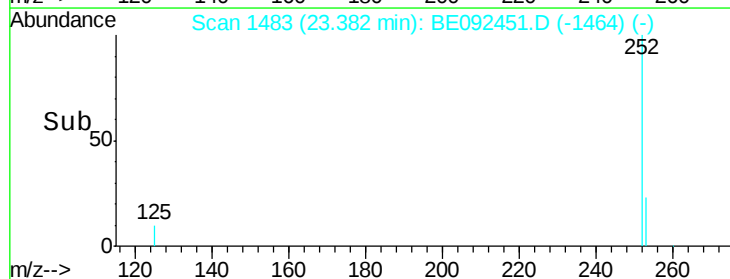
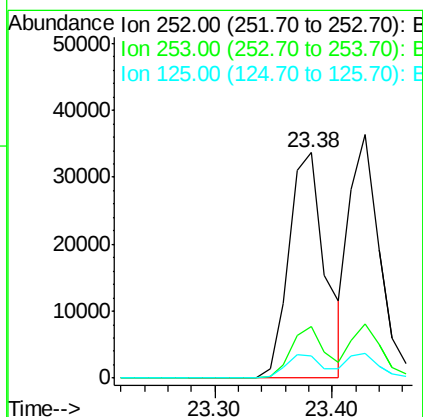
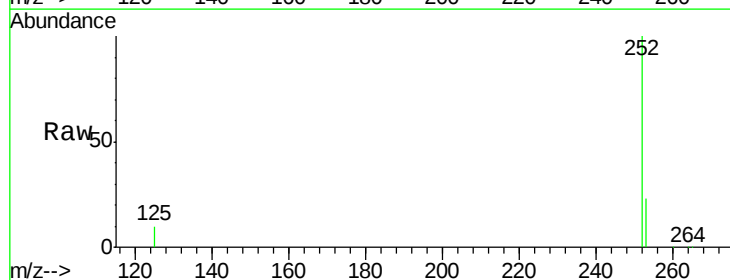
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	20.8	17.9	26.9

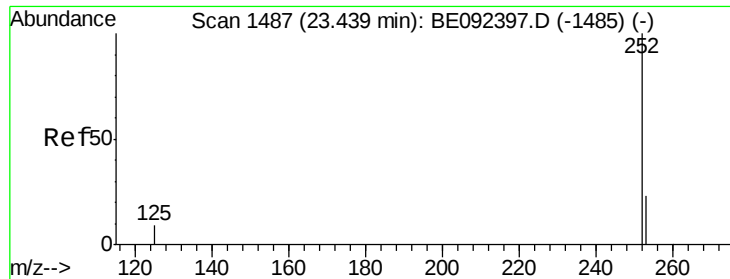


#32
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:252 Resp: 72076

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	9.7	10.5	15.7#





#33

Benzo(k)fluoranthene

Concen: 3.53 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

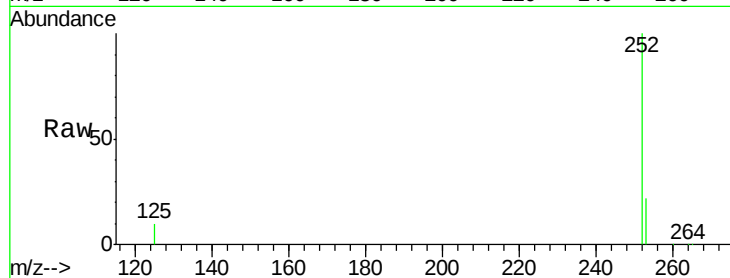
Tot Ion:252 Resp: 65586

Ion Ratio Lower Upper

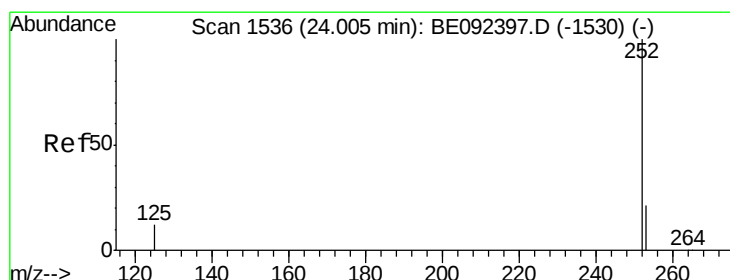
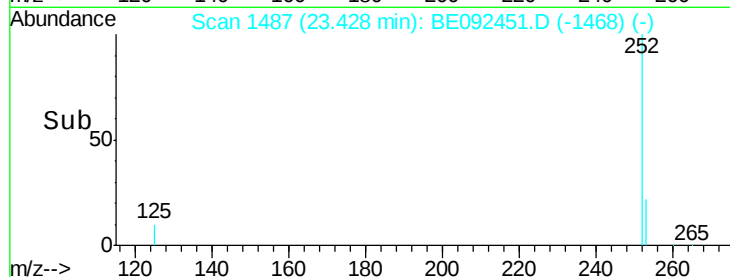
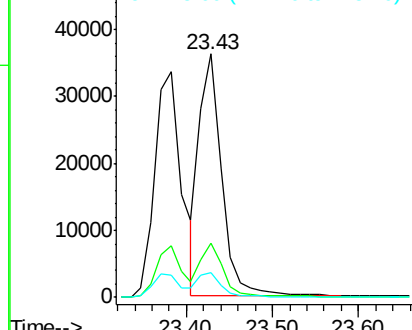
252 100

253 22.1 20.3 30.5

125 10.1 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: 3.83 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

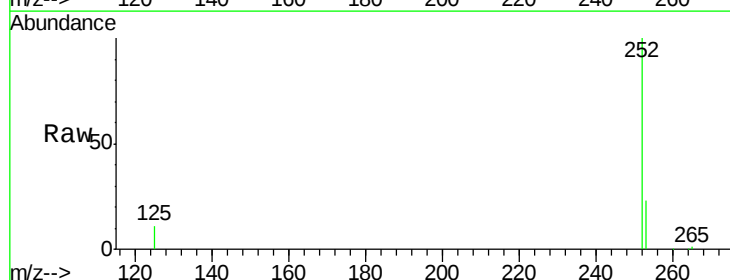
Tgt Ion:252 Resp: 66679

Ion Ratio Lower Upper

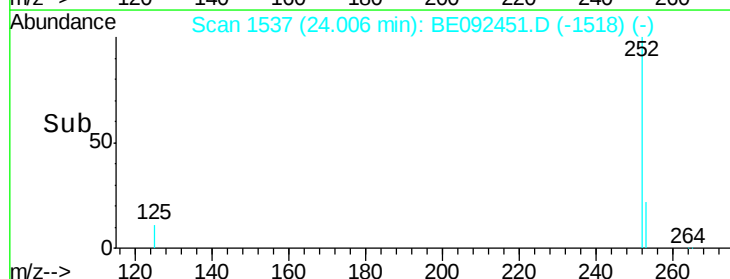
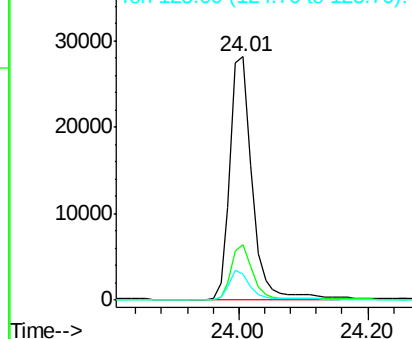
252 100

253 22.6 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



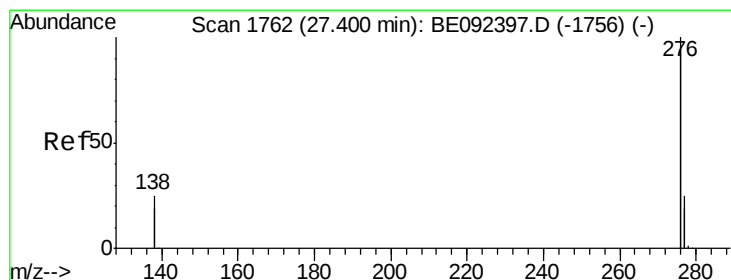
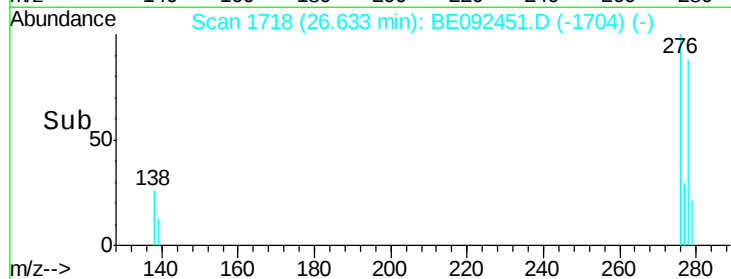
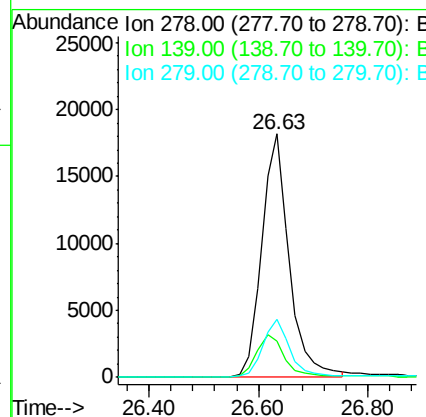
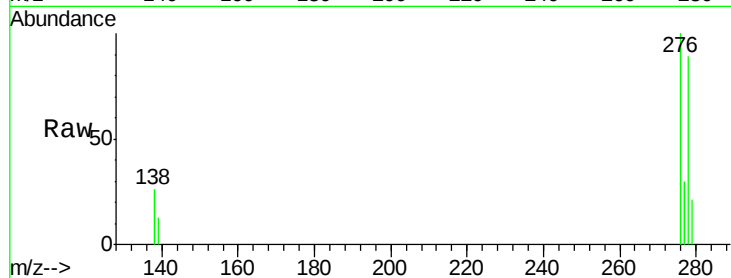


#35
Dibenzo(a,h)anthracene
Concen: 3.95 ng
RT: 26.63 min Scan# 1718
Delta R.T. 0.04 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tot Ion:278 Resp: 63006

Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.8	20.8
279	23.9	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.04 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:276 Resp: 260186

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	21.5	19.8	29.6

