

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
 Data File : BE092507.D
 Acq On : 8 Nov 2016 13:59
 Operator : UM/SJ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

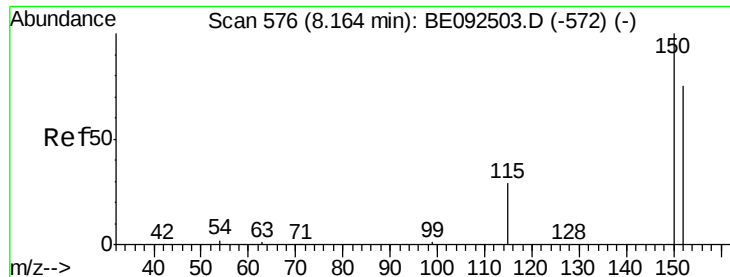
Quant Time: Nov 08 14:50:53 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7951	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	40807	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	29444	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	65408	5.00	ng	0.00
24) Chrysene-d12	21.72	240	91110	5.00	ng	0.00
31) Perylene-d12	24.08	264	82242	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	9471	7.86	ng	-0.01
5) Phenol-d6	7.31	99	13216	7.84	ng	-0.02
8) Nitrobenzene-d5	9.32	82	14465	6.31	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	5007	8.67	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	36472	5.08	ng	-0.01
26) Terphenyl-d14	20.16	244	57752	5.12	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	4818	4.63	ng	94
3) n-Nitrosodimethylamine	3.74	42	7023	7.36	ng	99
6) bis(2-Chloroethyl)ether	7.57	93	13401	6.74	ng	89
9) Naphthalene	10.97	128	41701	4.73	ng	# 95
10) Hexachlorobutadiene	11.26	225	6287	4.65	ng	99
11) 2-Methylnaphthalene	12.60	142	28515	5.00	ng	98
15) Acenaphthylene	14.51	152	217104	5.16	ng	100
16) Acenaphthene	14.87	154	32586	4.85	ng	94
17) Fluorene	15.84	166	43043	5.35	ng	99
19) Hexachlorobenzene	16.87	284	12455	4.26	ng	96
20) Pentachlorophenol	17.21	266	5149	10.08	ng	# 82
21) Phenanthrene	17.58	178	69312	4.10	ng	# 78
22) Anthracene	17.67	178	69515	4.57	ng	99
23) Fluoranthene	19.59	202	367362	5.48	ng	99
25) Pyrene	19.95	202	382059	4.81	ng	99
27) Benzo(a)anthracene	21.70	228	839863	9.96	ng	98
28) Chrysene	21.70	228	842161	9.51	ng	# 78
29) Bis(2-ethylhexyl)phthalate	21.63	149	40863	5.82	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.56	276	478348	6.13	ng	99
32) Benzo(b)fluoranthene	23.35	252	106922	5.22	ng	# 95
33) Benzo(k)fluoranthene	23.39	252	111590	5.50	ng	93
34) Benzo(a)pyrene	23.97	252	100987	5.45	ng	# 95
35) Dibenzo(a,h)anthracene	26.58	278	98363	5.68	ng	94
36) Benzo(g,h,i)perylene	27.31	276	402293	5.39	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

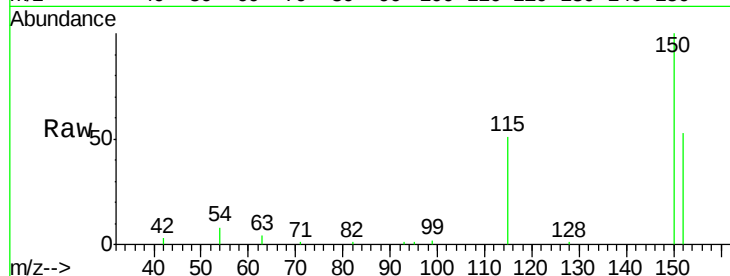
Tot Ion:152 Resp: 7951

Ion Ratio Lower Upper

152 100

150 188.0 106.0 159.0#

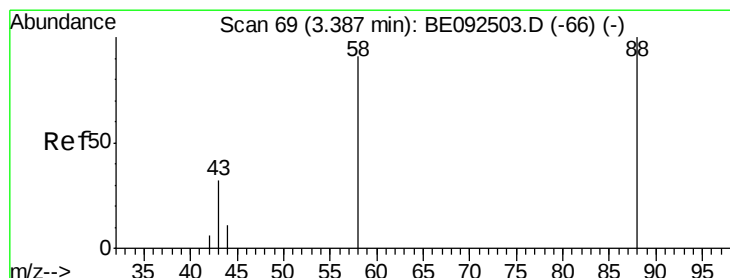
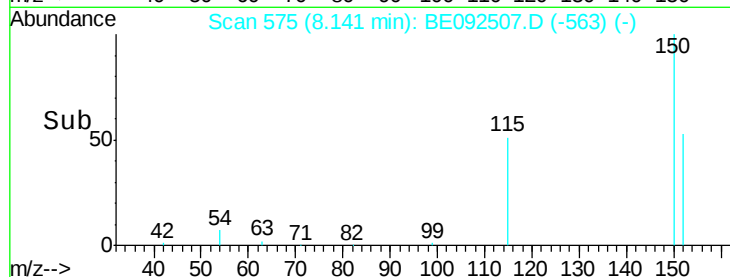
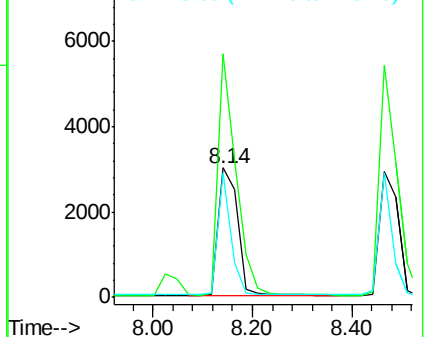
115 96.2 31.2 46.8#



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: 4.63 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

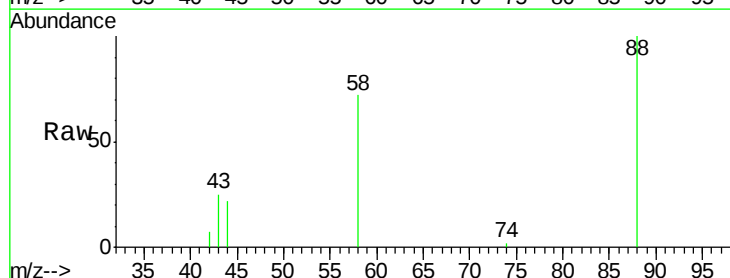
Tgt Ion: 88 Resp: 4818

Ion Ratio Lower Upper

88 100

58 86.0 63.6 95.4

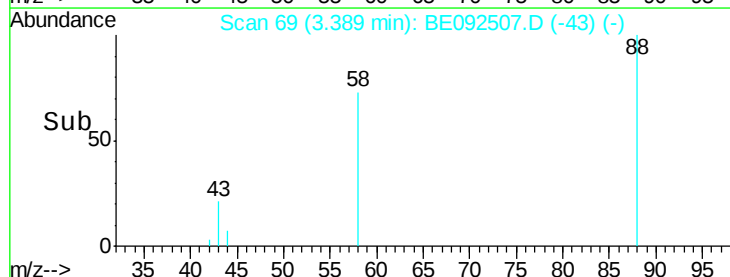
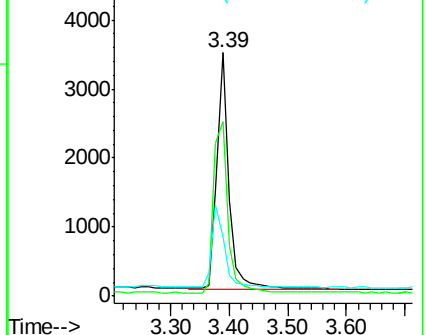
43 36.6 28.0 42.0

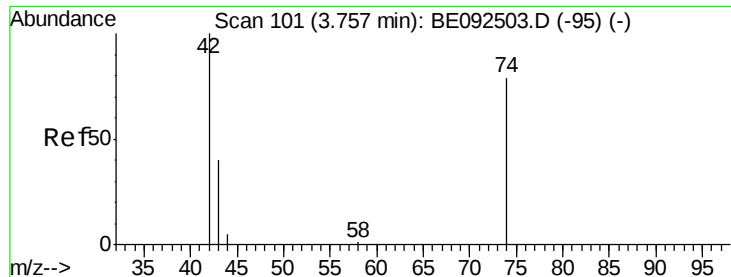


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 7.36 ng

RT: 3.74 min Scan# 99

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

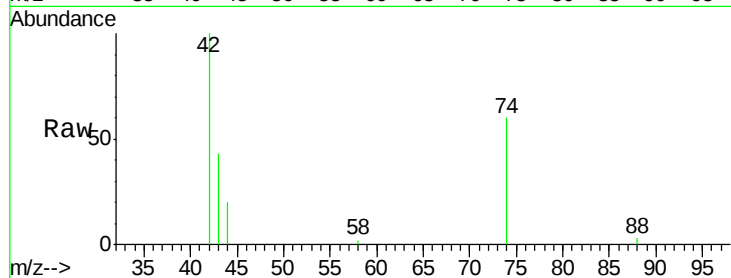
Tot Ion: 42 Resp: 7023

Ion Ratio Lower Upper

42 100

74 108.3 86.0 129.0

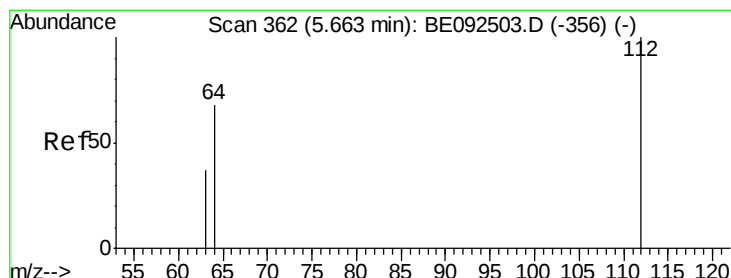
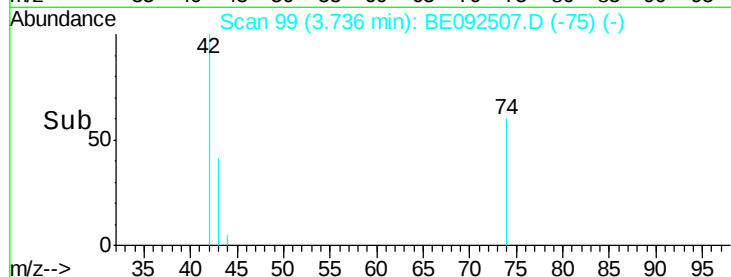
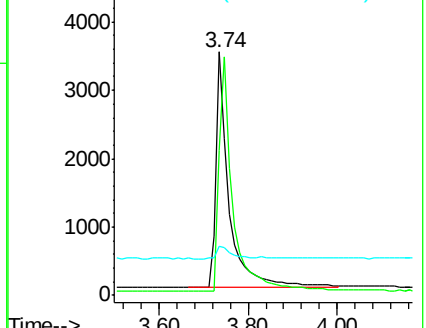
44 6.4 5.1 7.7



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: 7.86 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.01 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

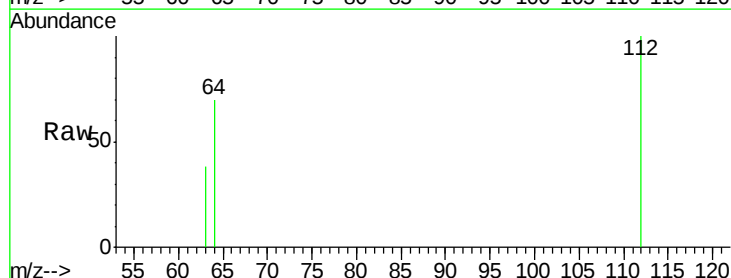
Tgt Ion: 112 Resp: 9471

Ion Ratio Lower Upper

112 100

64 66.6 53.5 80.3

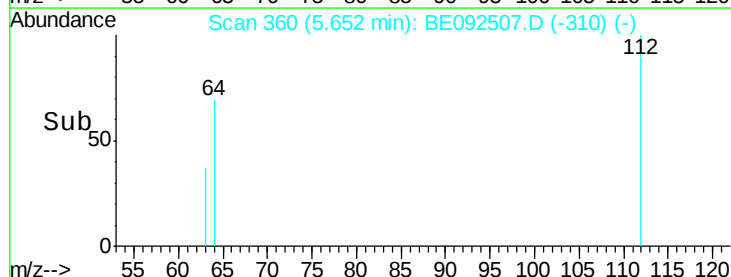
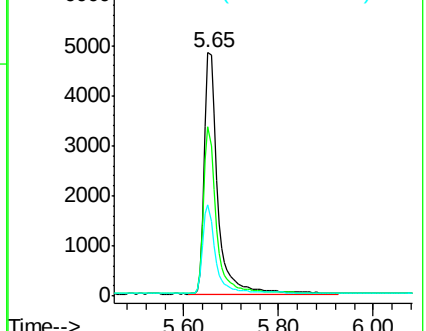
63 35.7 27.9 41.9

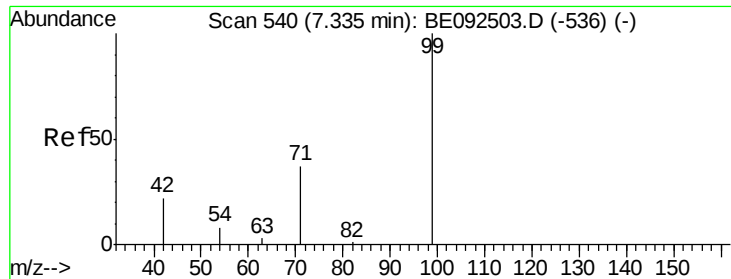


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.84 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

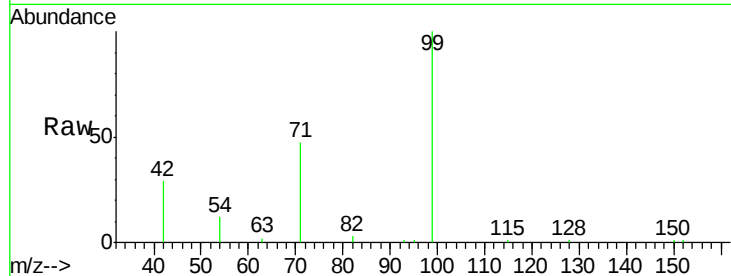
Instrument :

BNA_E

ClientSampled :

Tot Ion: 99 Resp: 13216

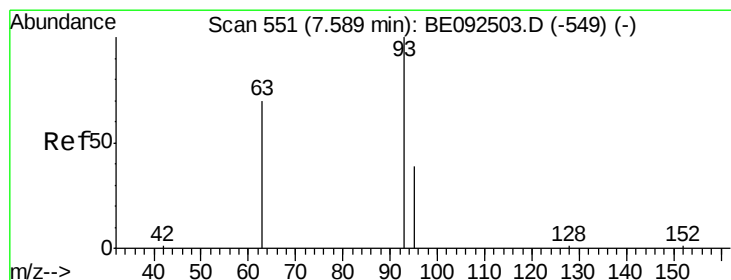
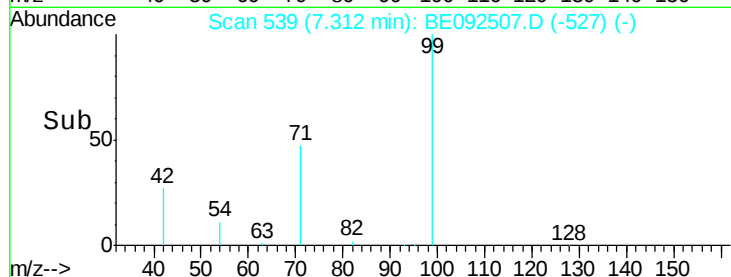
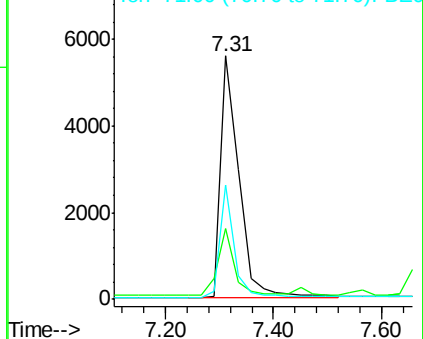
Ion	Ratio	Lower	Upper
99	100		
42	24.6	16.0	24.0#
71	36.7	30.6	45.8



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: 6.74 ng

RT: 7.57 min Scan# 550

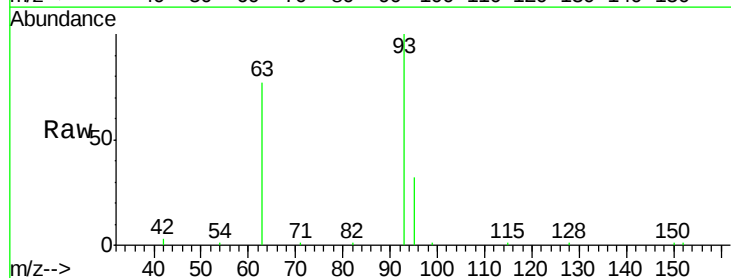
Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Tgt Ion: 93 Resp: 13401

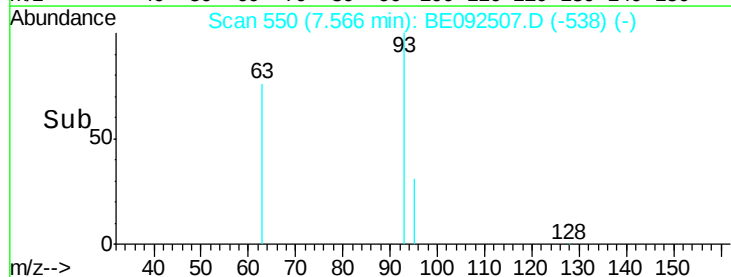
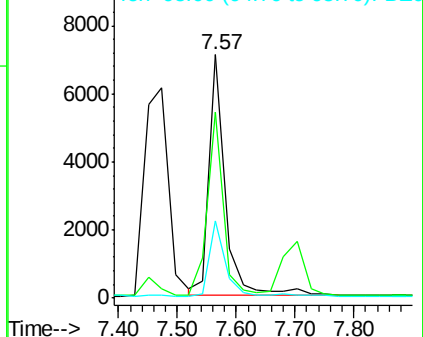
Ion	Ratio	Lower	Upper
93	100		
63	76.2	71.6	107.4
95	31.6	24.0	36.0

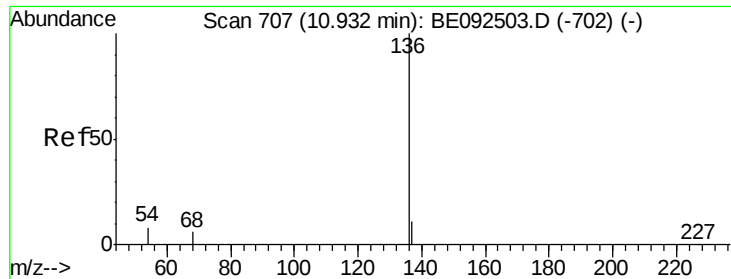


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092507.D

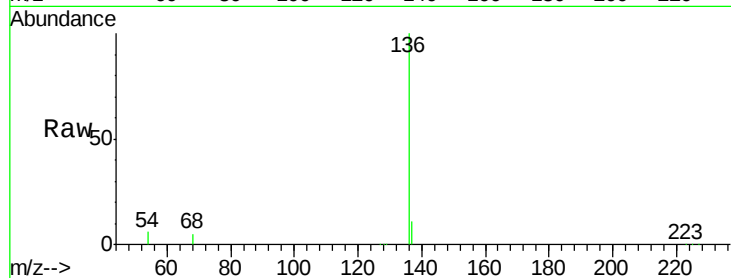
Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	40807
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.4
54	6.2	9.6 14.4#
68	4.9	6.7 10.1#

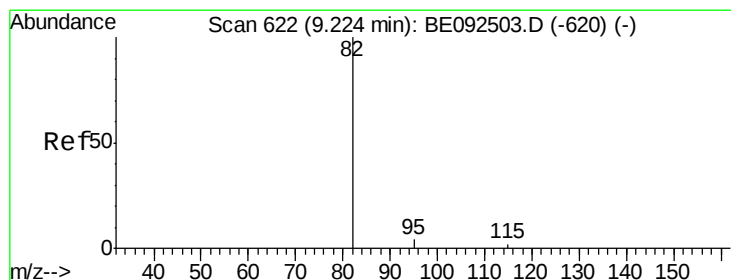
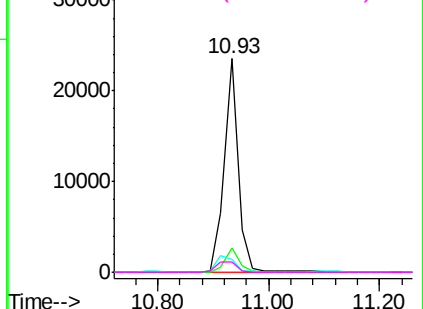
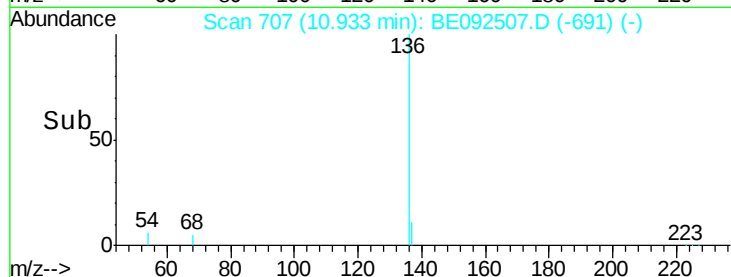


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 6.31 ng

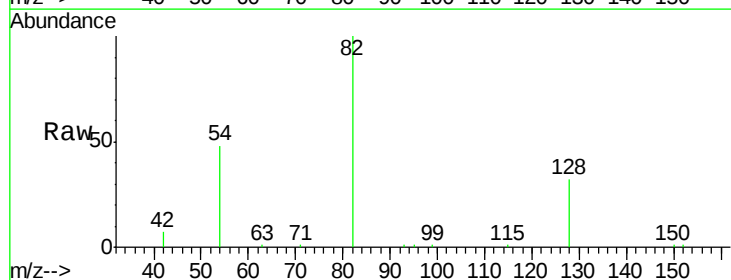
RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

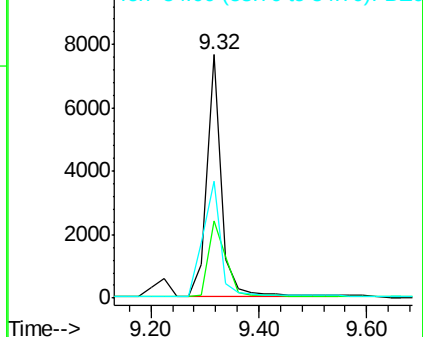
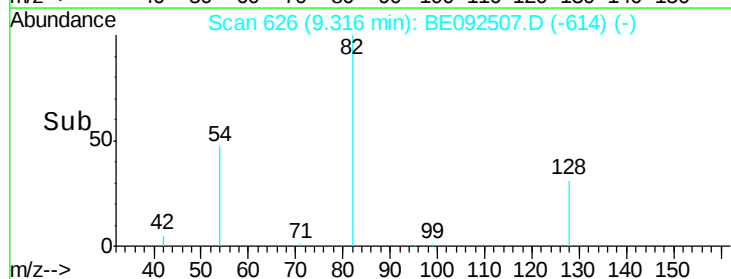
Tgt Ion: 82	Resp:	14465
Ion Ratio	Lower	Upper
82	100	
128	31.6	39.0 58.4#
54	47.9	44.8 67.2

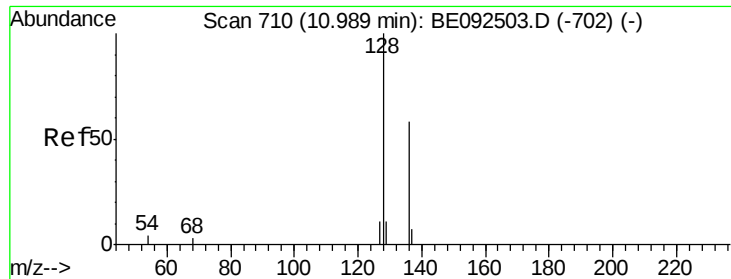


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.73 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

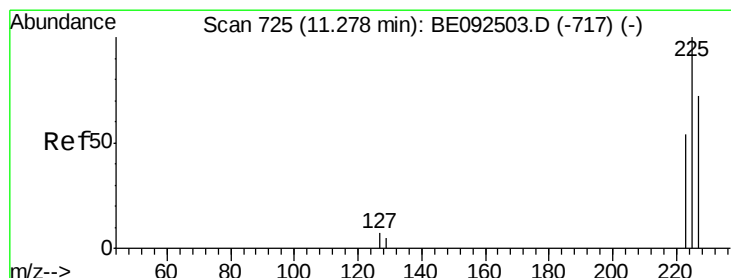
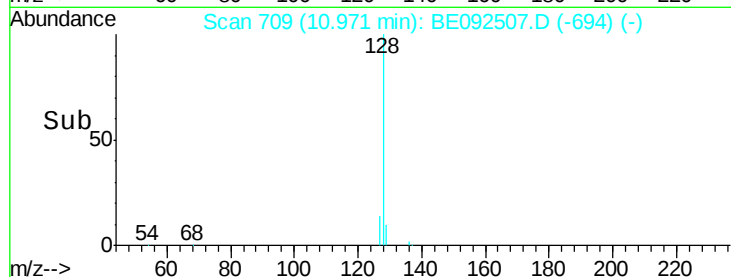
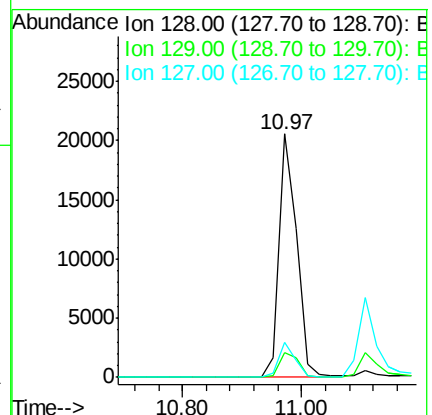
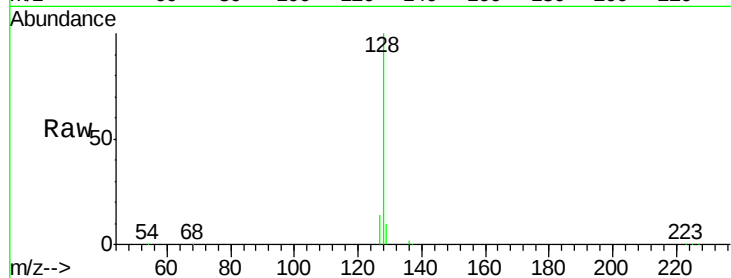
Tot Ion:128 Resp: 41701

Ion Ratio Lower Upper

128 100

129 10.3 11.2 16.8#

127 14.2 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.65 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

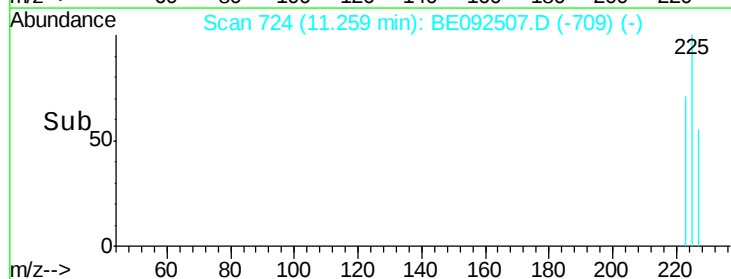
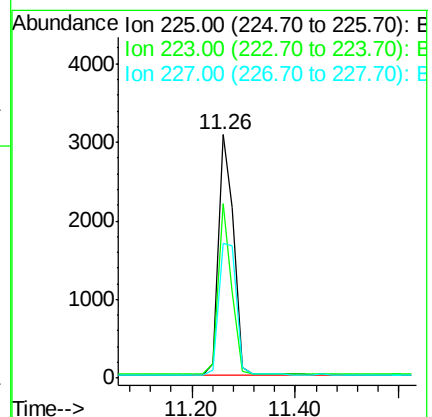
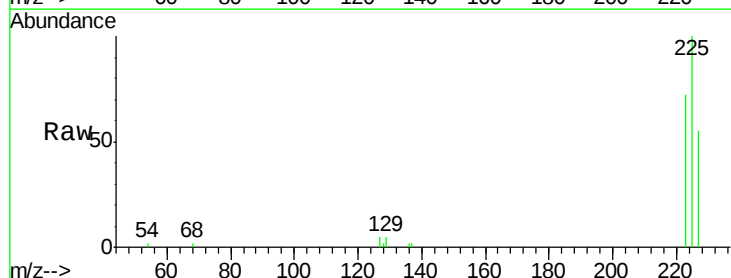
Tgt Ion:225 Resp: 6287

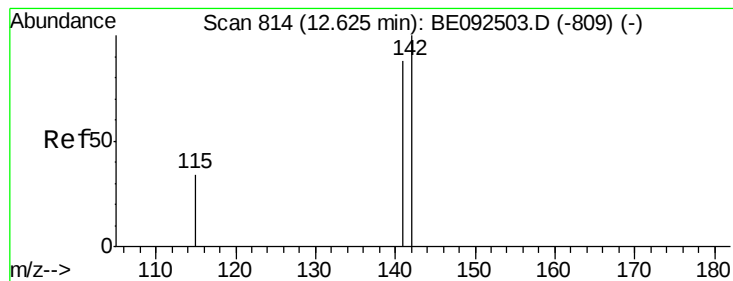
Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 63.8 51.4 77.0





#11

2-Methylnaphthalene

Concen: 5.00 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

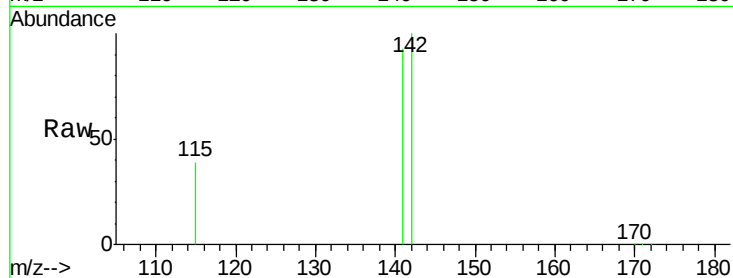
Tot Ion:142 Resp: 28515

Ion Ratio Lower Upper

142 100

141 92.7 73.7 110.5

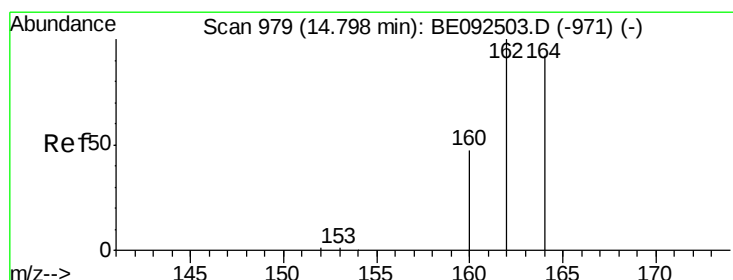
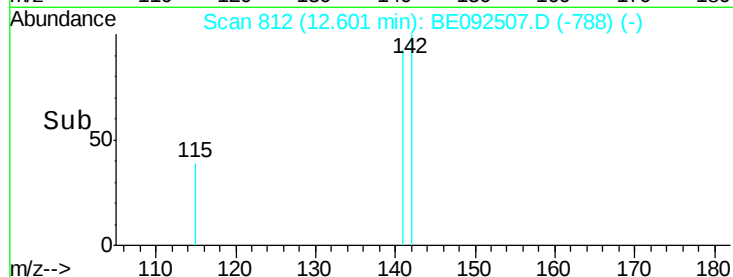
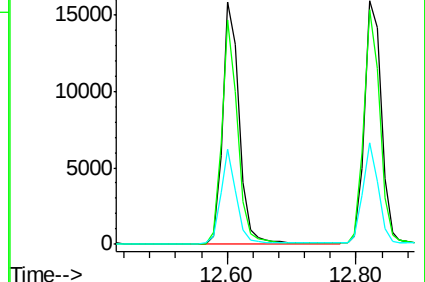
115 39.2 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

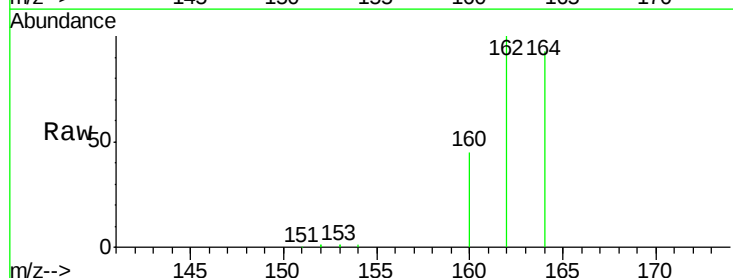
Tgt Ion:164 Resp: 29444

Ion Ratio Lower Upper

164 100

162 107.4 71.4 107.0#

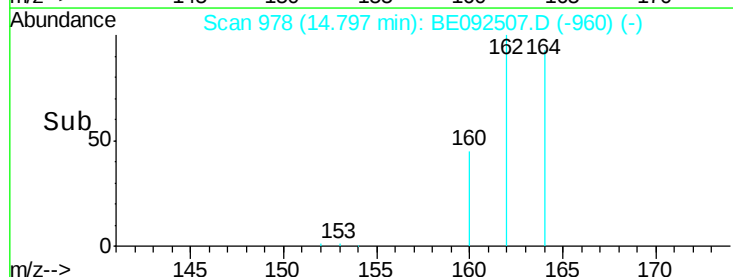
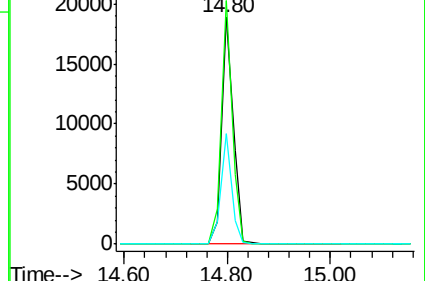
160 48.5 27.4 41.2#

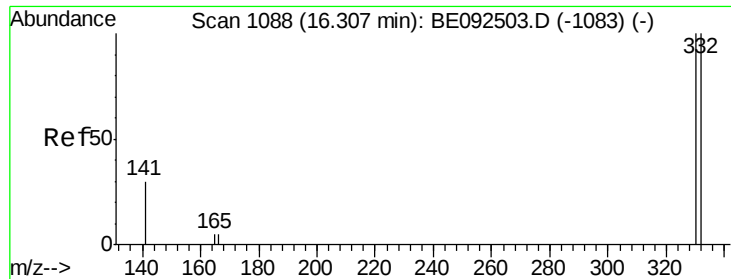


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

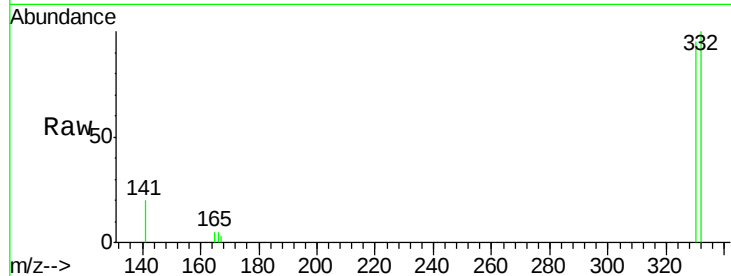




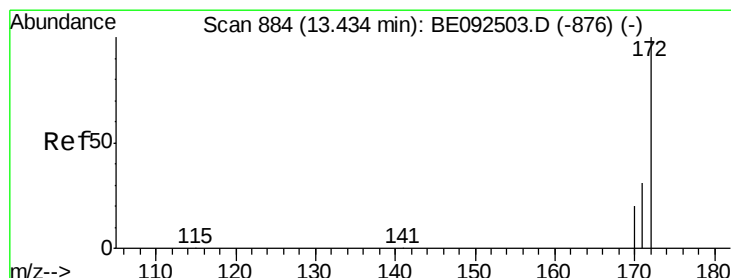
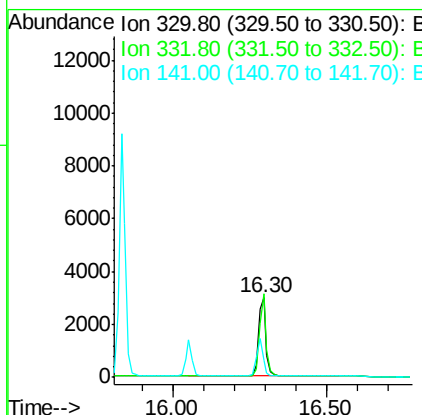
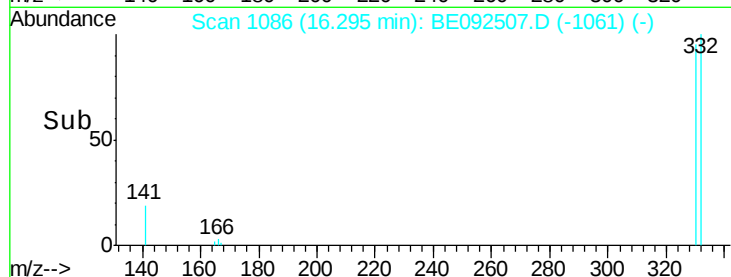
#13
 2,4,6-Tribromophenol
 Concen: 8.67 ng
 RT: 16.30 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092507.D
 Acq: 8 Nov 2016 13:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 5007
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.0
 141 40.8 31.0 46.6

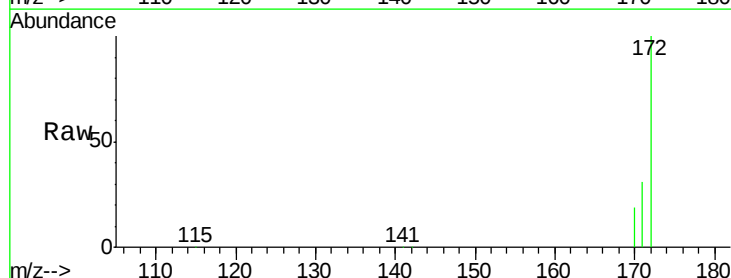


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

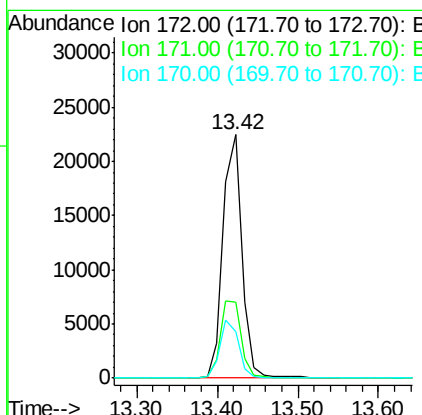
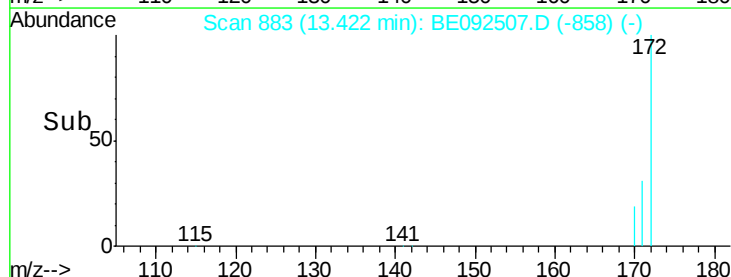


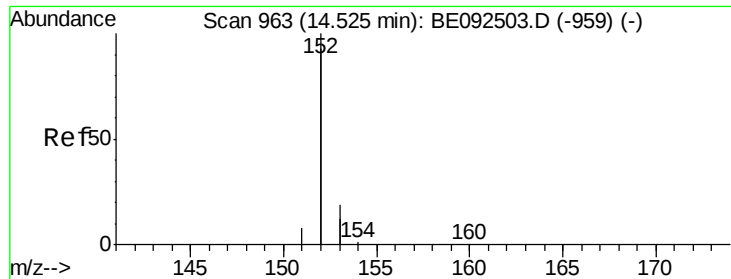
#14
 2-Fluorobiphenyl
 Concen: 5.08 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092507.D
 Acq: 8 Nov 2016 13:59

Tgt Ion:172 Resp: 36472
 Ion Ratio Lower Upper
 172 100
 171 31.0 30.1 45.1
 170 19.0 21.8 32.6#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 5.16 ng

RT: 14.51 min Scan# 961

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

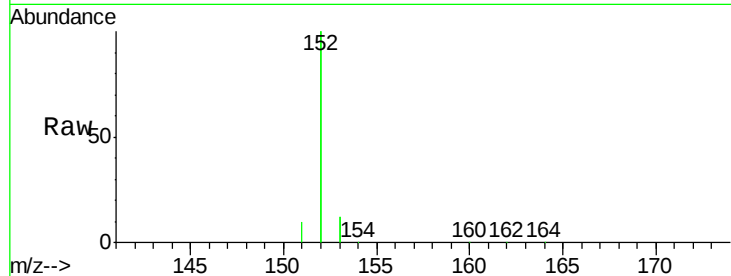
Tot Ion:152 Resp: 217104

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

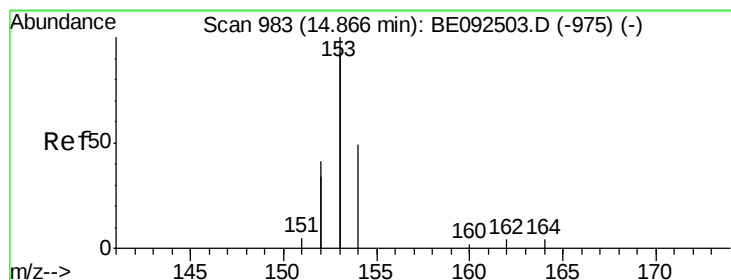
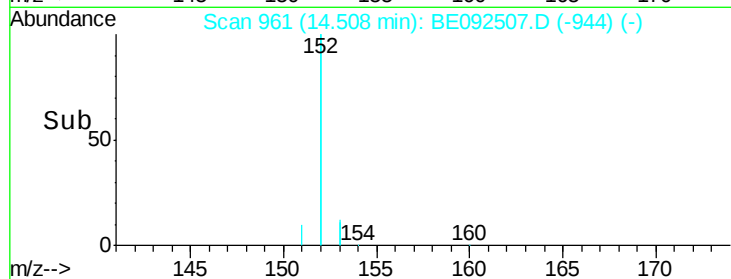
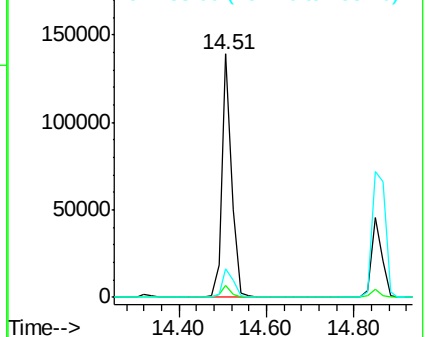
153 13.1 10.4 15.6



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: 4.85 ng

RT: 14.87 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

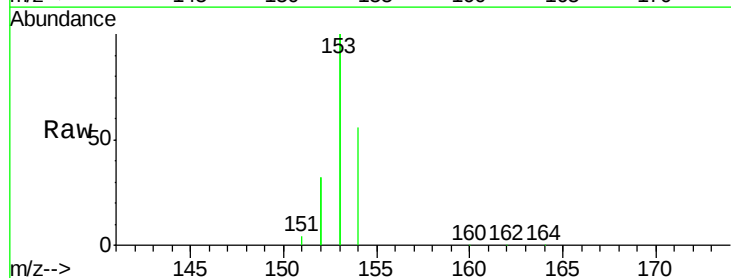
Tgt Ion:154 Resp: 32586

Ion Ratio Lower Upper

154 100

153 452.4 350.8 526.2

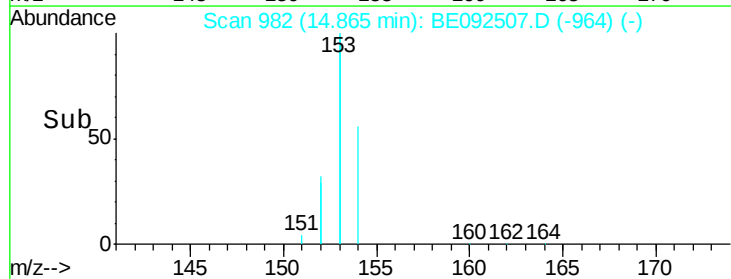
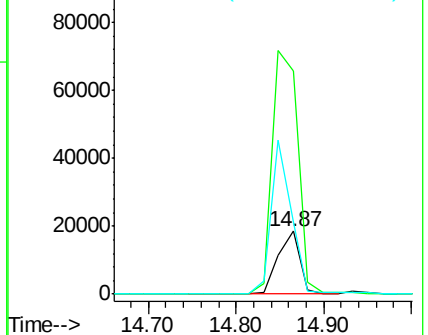
152 223.7 171.1 256.7

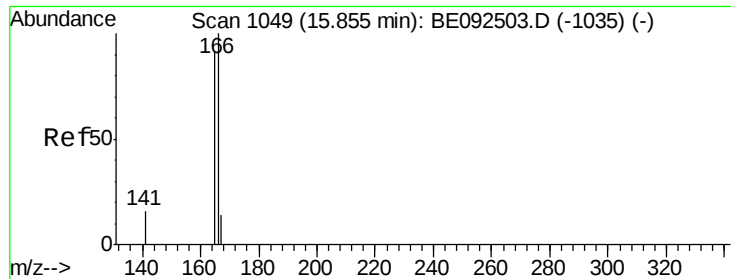


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

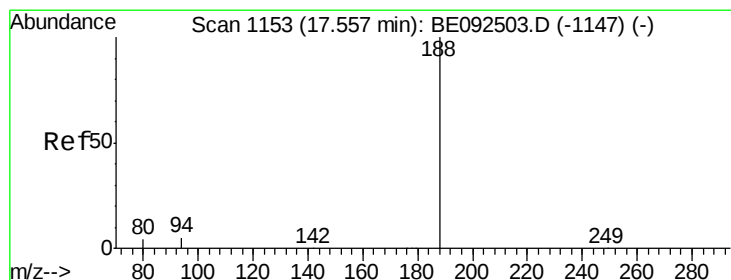
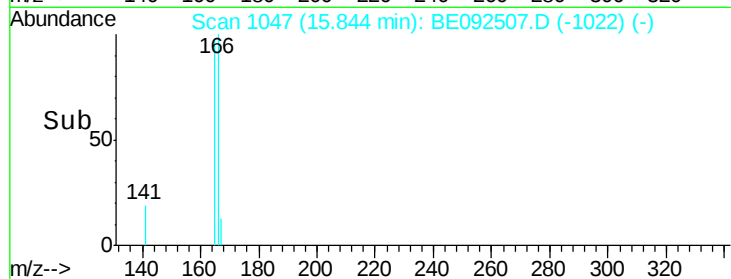
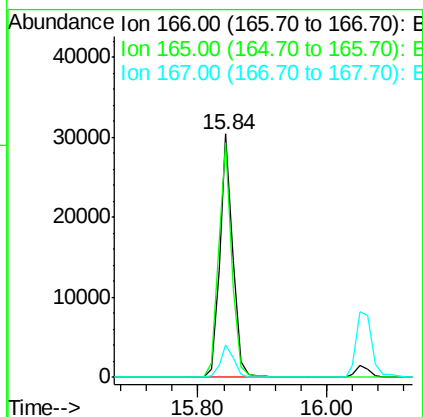
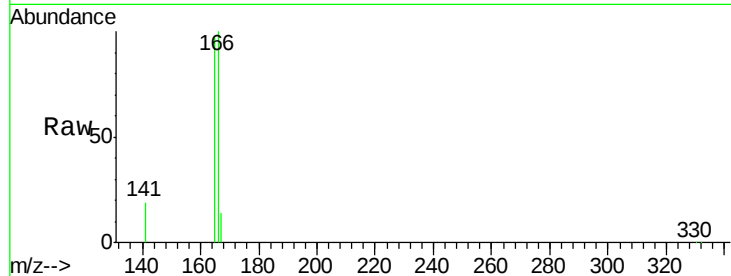




#17
 Fluorene
 Concen: 5.35 ng
 RT: 15.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092507.D
 Acq: 8 Nov 2016 13:59

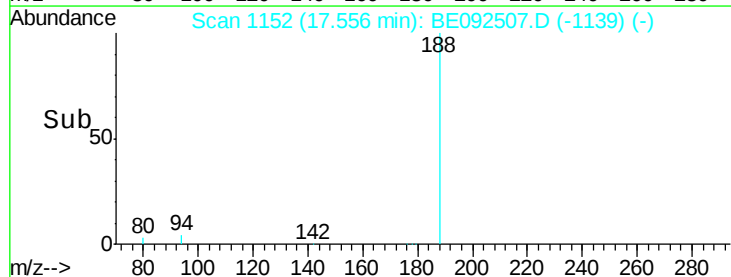
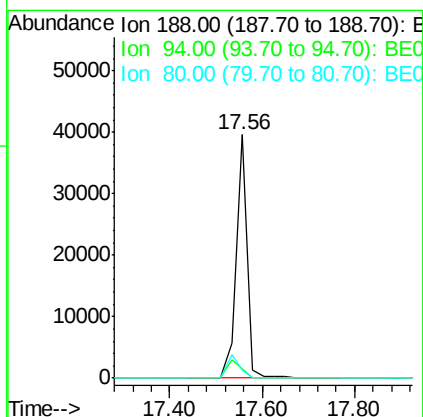
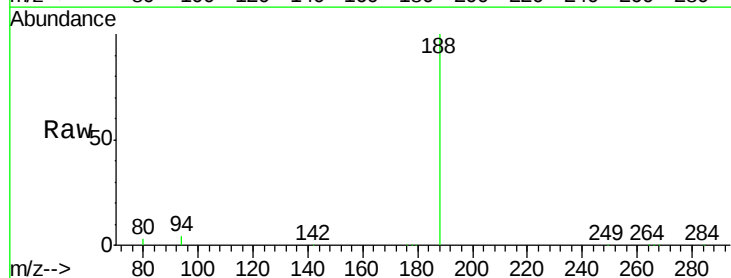
Instrument :
 BNA_E
 ClientSampleId :

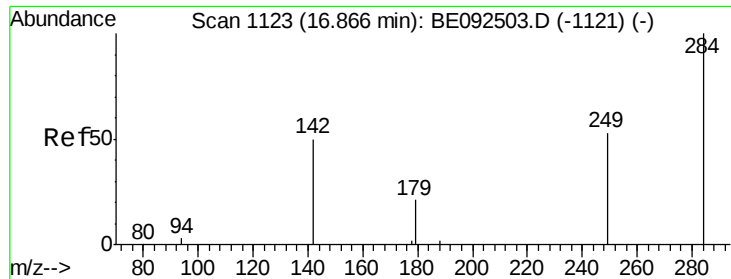
Tot Ion:166 Resp: 43043
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.2 117.4
 167 13.5 11.0 16.4



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092507.D
 Acq: 8 Nov 2016 13:59

Tgt Ion:188 Resp: 65408
 Ion Ratio Lower Upper
 188 100
 94 3.8 3.2 4.8
 80 3.2 2.6 3.8

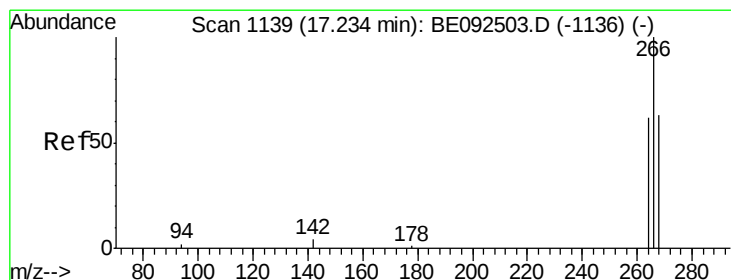
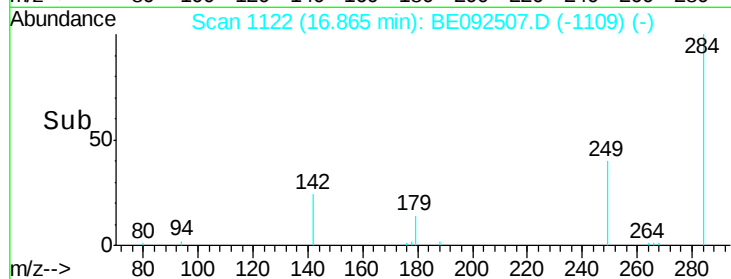
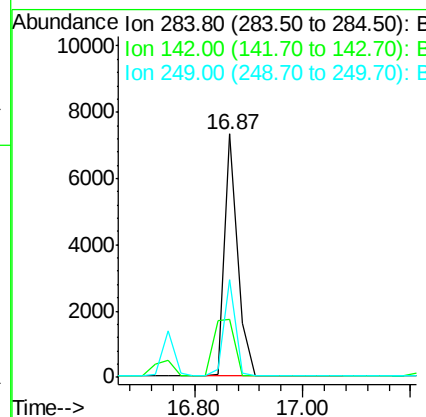
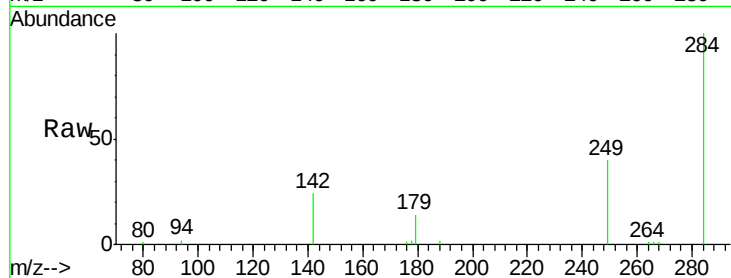




#19
Hexachlorobenzene
Concen: 4.26 ng
RT: 16.87 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092507.D
Acq: 8 Nov 2016 13:59

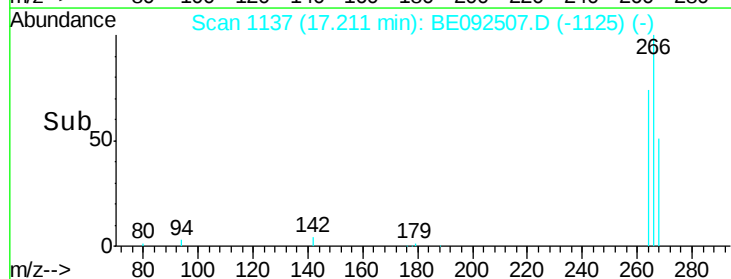
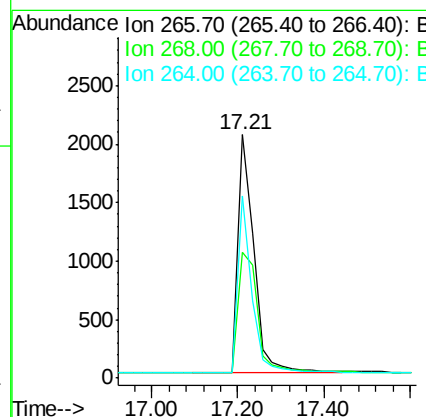
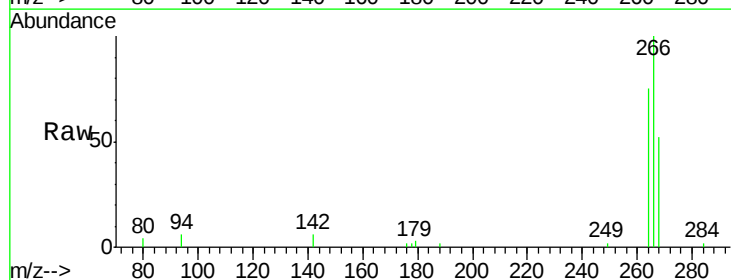
Instrument :
BNA_E
ClientSampleId :

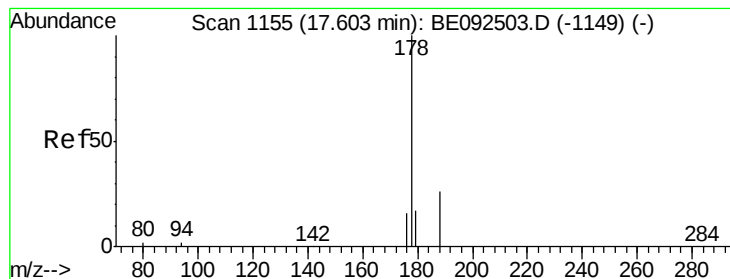
Tot Ion:284 Resp: 12455
Ion Ratio Lower Upper
284 100
142 38.6 29.1 43.7
249 36.9 27.9 41.9



#20
Pentachlorophenol
Concen: 10.08 ng
RT: 17.21 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BE092507.D
Acq: 8 Nov 2016 13:59

Tgt Ion:266 Resp: 5149
Ion Ratio Lower Upper
266 100
268 51.9 62.5 93.7#
264 74.9 57.2 85.8





#21

Phenanthrene

Concen: 4.10 ng

RT: 17.58 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

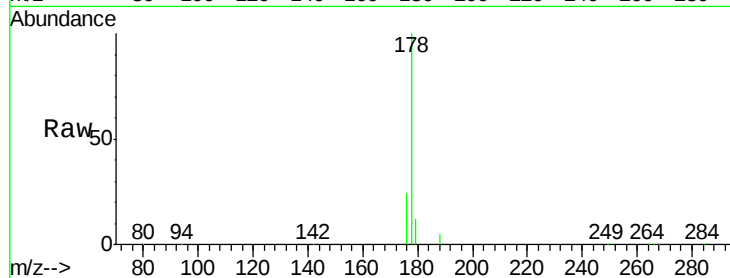
Tot Ion:178 Resp: 69312

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

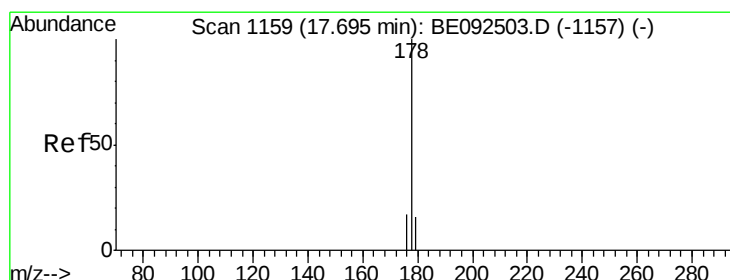
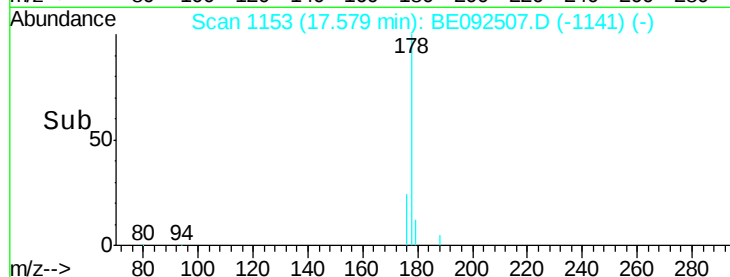
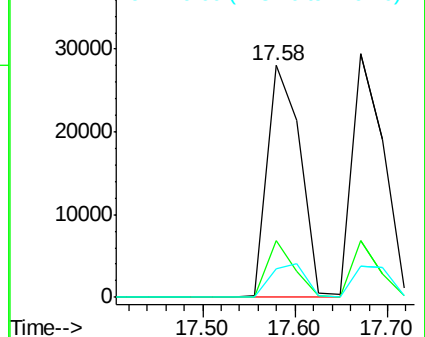
179 0.0 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 4.57 ng

RT: 17.67 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

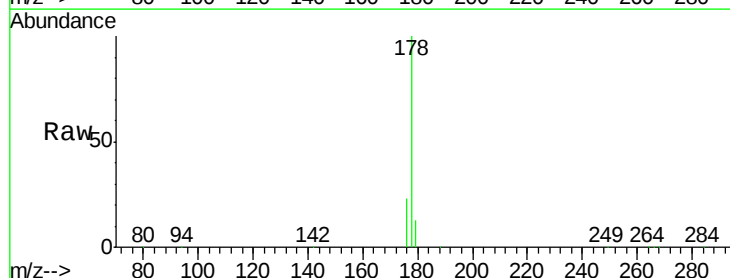
Tgt Ion:178 Resp: 69515

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

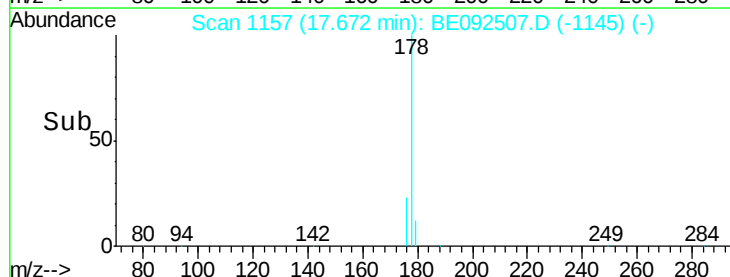
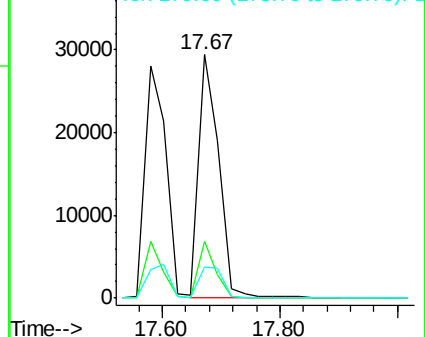
179 15.0 12.2 18.2

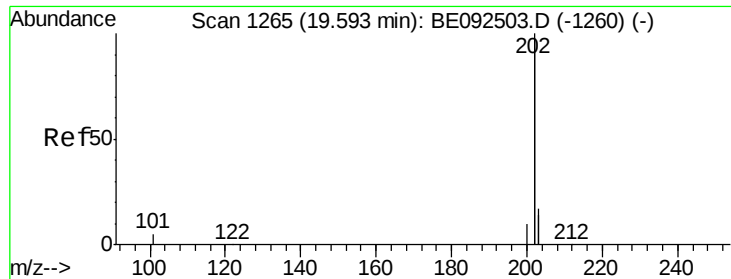


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 5.48 ng

RT: 19.59 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

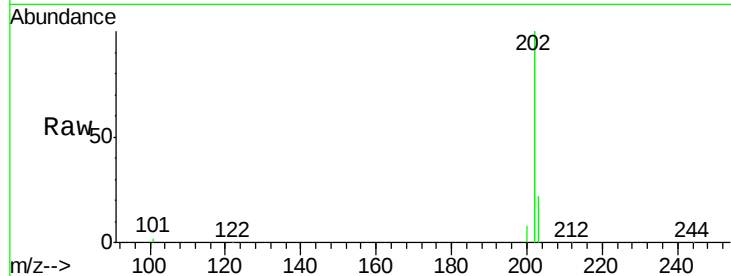
Tot Ion:202 Resp: 367362

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

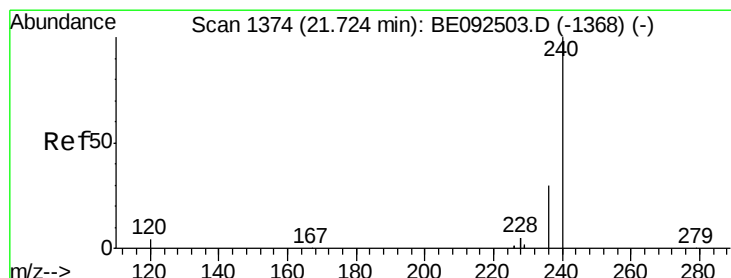
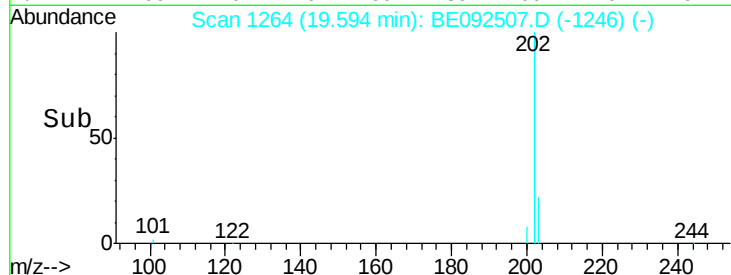
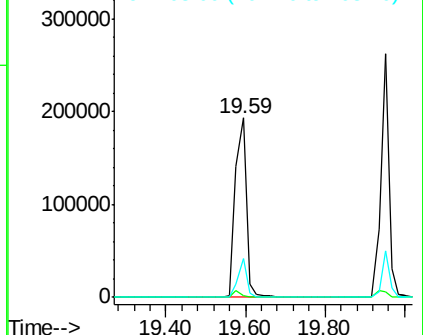
203 17.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

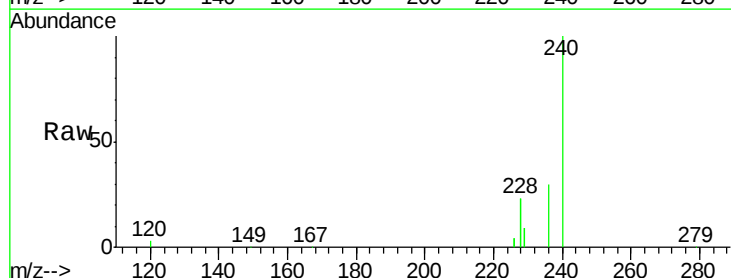
Tgt Ion:240 Resp: 91110

Ion Ratio Lower Upper

240 100

120 2.9 2.6 4.0

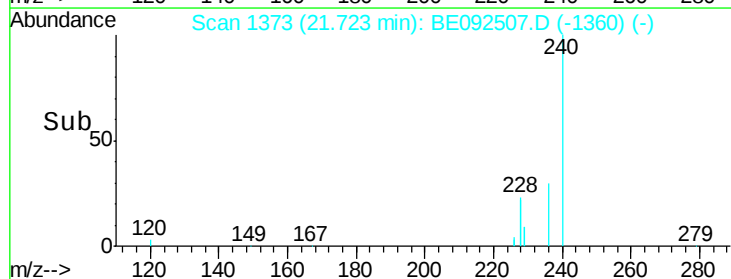
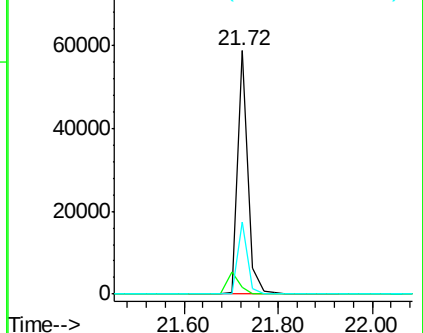
236 29.8 24.6 37.0

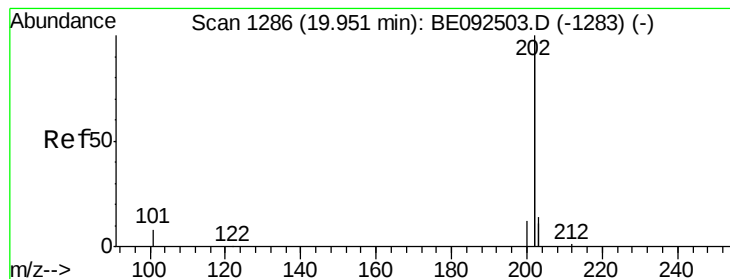


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 4.81 ng

RT: 19.95 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

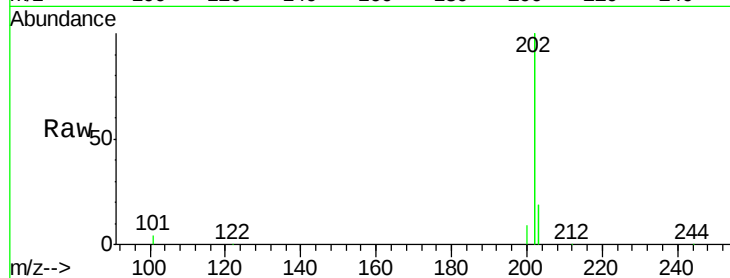
Tot Ion:202 Resp: 382059

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

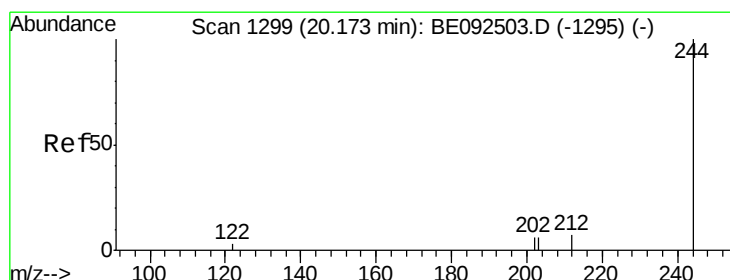
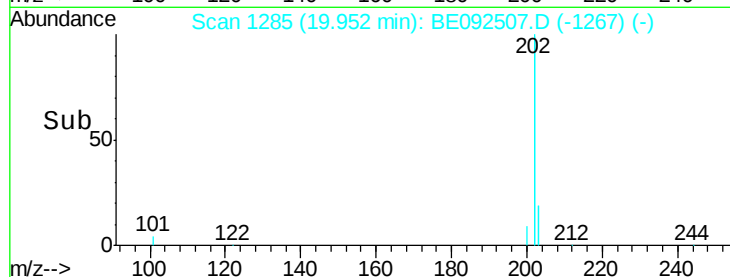
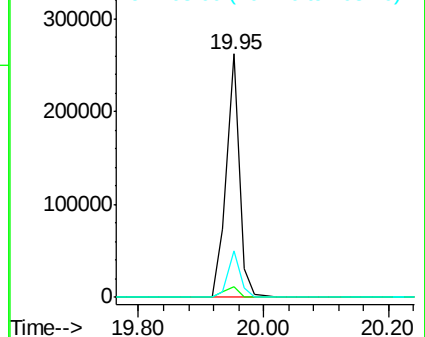
203 18.2 13.9 20.9



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: 5.12 ng

RT: 20.16 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

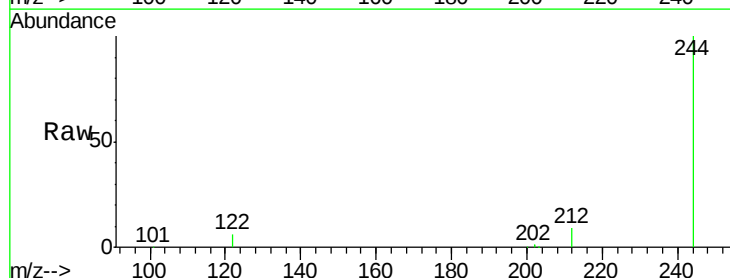
Tgt Ion:244 Resp: 57752

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

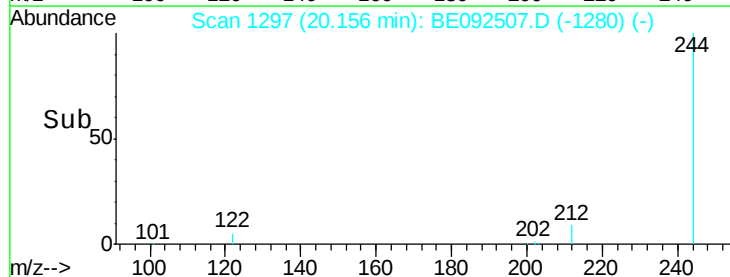
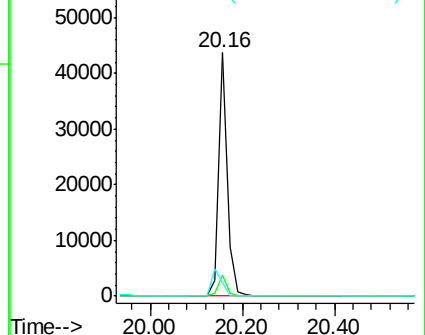
122 5.5 3.6 5.4#

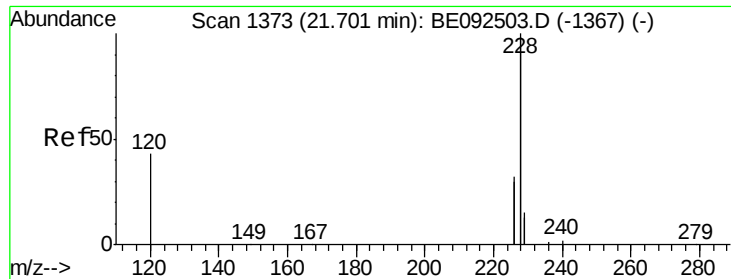


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 9.96 ng

RT: 21.70 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

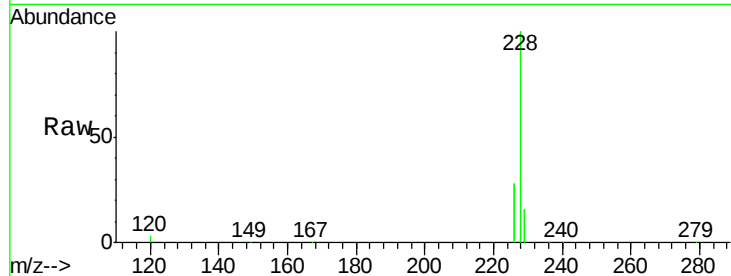
Tot Ion:228 Resp: 839863

Ion Ratio Lower Upper

228 100

226 28.3 23.6 35.4

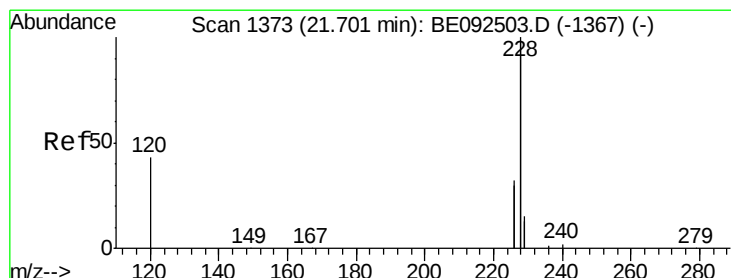
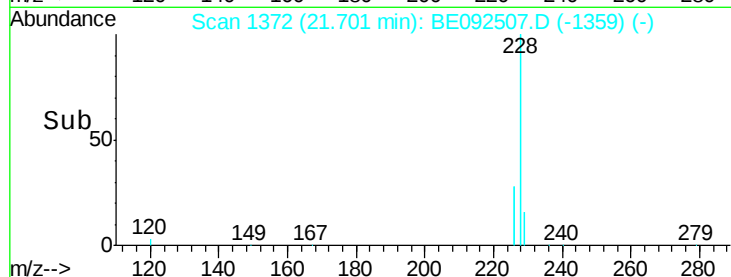
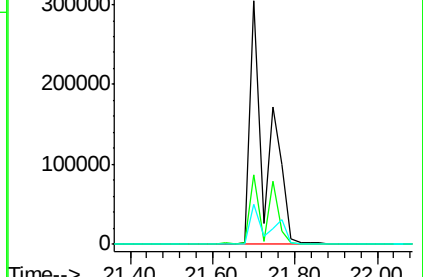
229 16.2 13.3 19.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 9.51 ng

RT: 21.70 min Scan# 1372

Delta R.T. -0.07 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

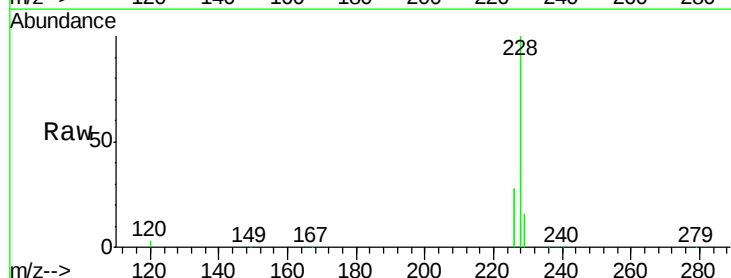
Tgt Ion:228 Resp: 842161

Ion Ratio Lower Upper

228 100

226 28.3 36.3 54.5#

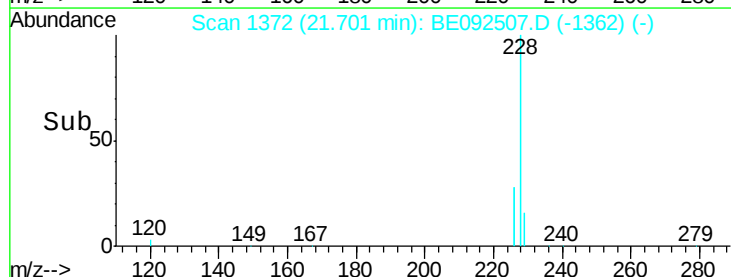
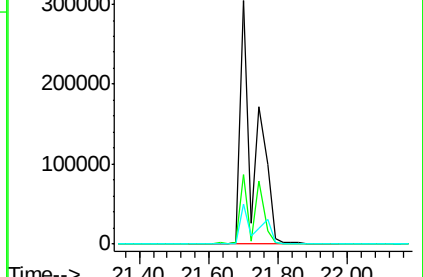
229 16.2 10.6 16.0#

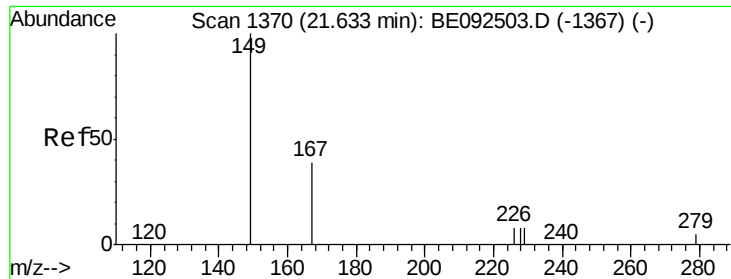


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

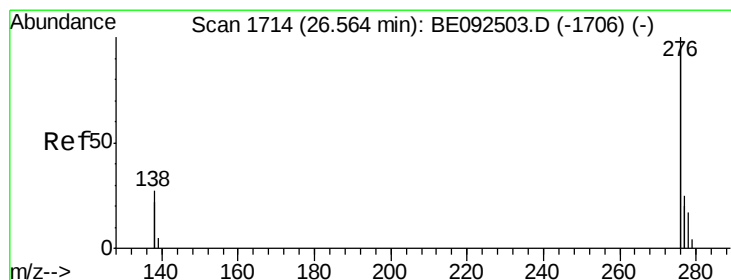
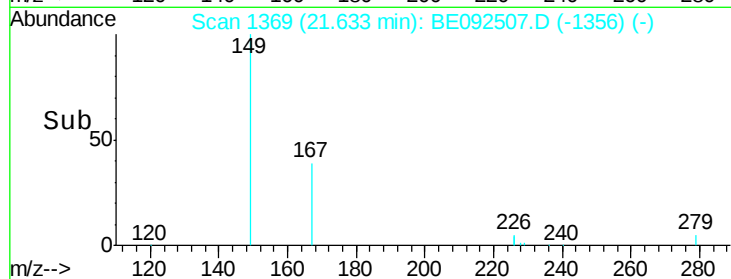
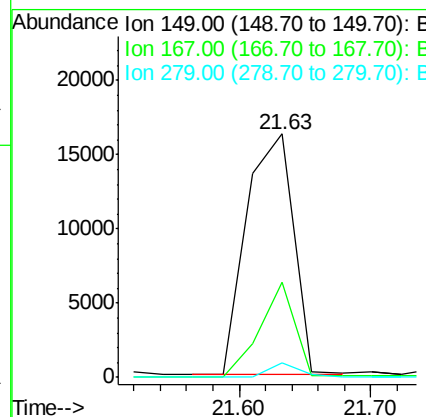
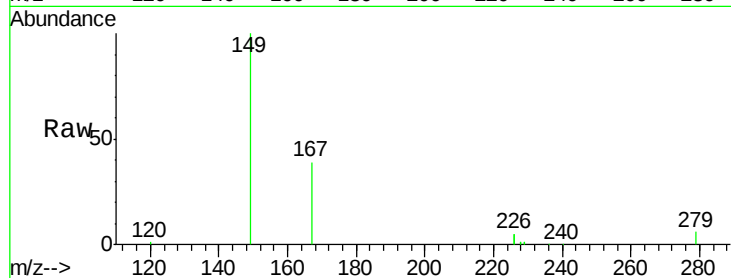




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 5.82 ng
 RT: 21.63 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BE092507.D
 Acq: 8 Nov 2016 13:59

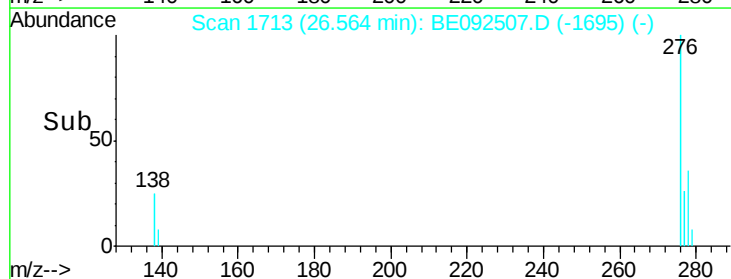
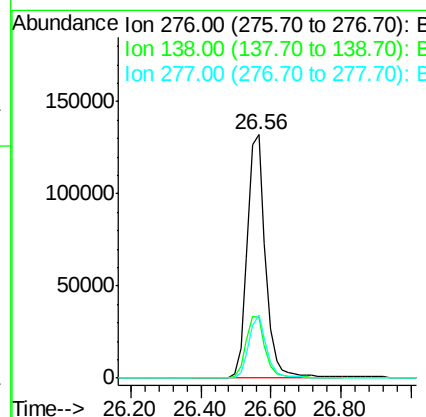
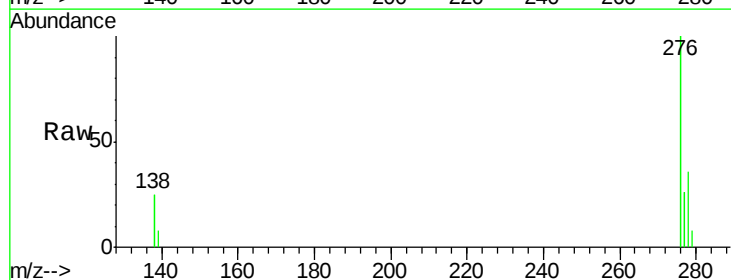
Instrument :
 BNA_E
 ClientSampleId :

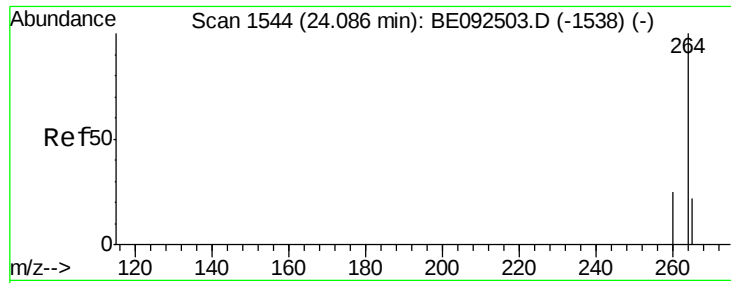
Tot Ion:149 Resp: 40863
 Ion Ratio Lower Upper
 149 100
 167 29.0 16.0 24.0#
 279 3.6 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 6.13 ng
 RT: 26.56 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BE092507.D
 Acq: 8 Nov 2016 13:59

Tgt Ion:276 Resp: 478348
 Ion Ratio Lower Upper
 276 100
 138 26.6 20.3 30.5
 277 24.8 19.7 29.5

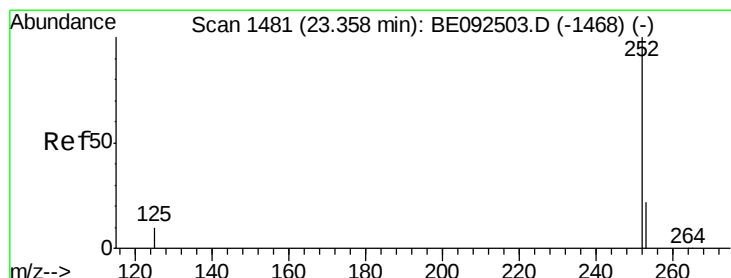
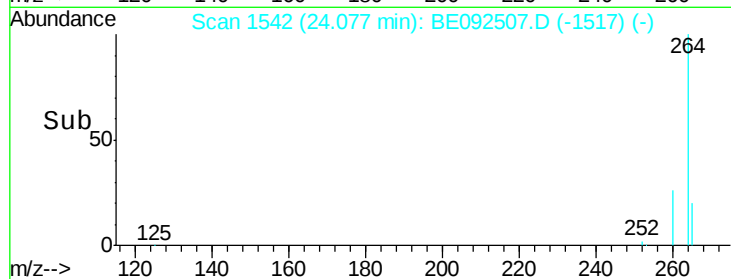
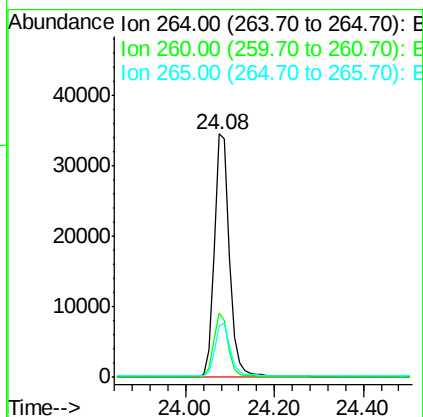
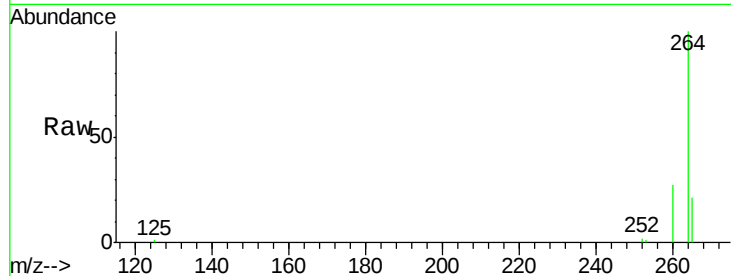




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BE092507.D
Acq: 8 Nov 2016 13:59

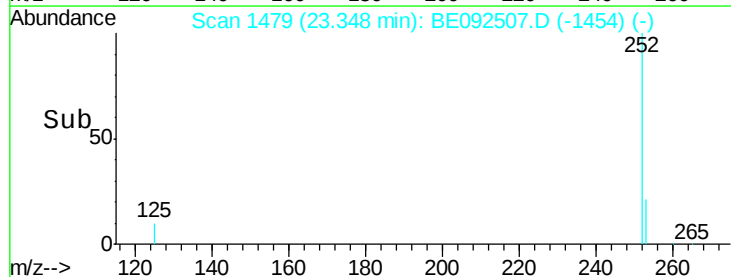
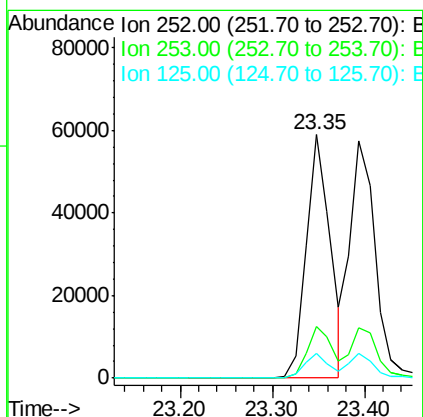
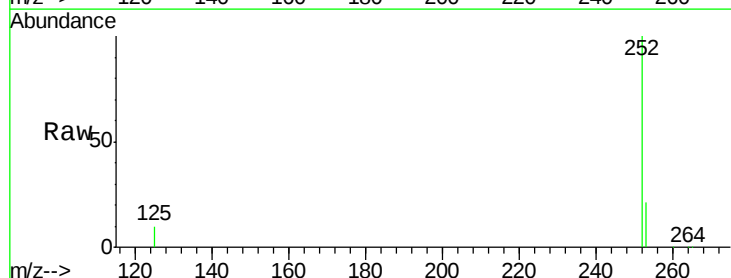
Instrument :
BNA_E
ClientSampleId :

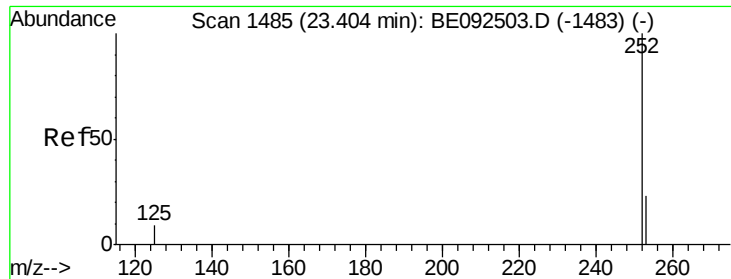
Tot Ion:264 Resp: 82242
Ion Ratio Lower Upper
264 100
260 26.6 20.1 30.1
265 21.1 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 5.22 ng
RT: 23.35 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092507.D
Acq: 8 Nov 2016 13:59

Tgt Ion:252 Resp: 106922
Ion Ratio Lower Upper
252 100
253 21.4 18.7 28.1
125 10.4 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 5.50 ng

RT: 23.39 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

Instrument :

BNA_E

ClientSampleId :

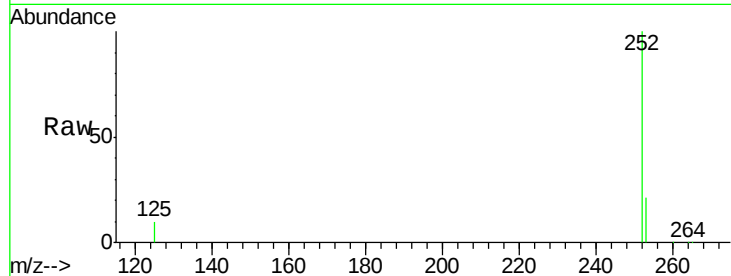
Tot Ion:252 Resp: 111590

Ion Ratio Lower Upper

252 100

253 21.0 20.3 30.5

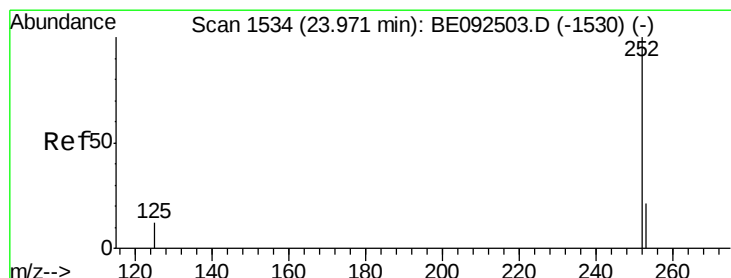
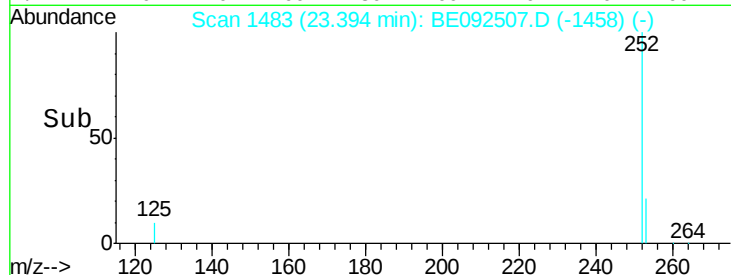
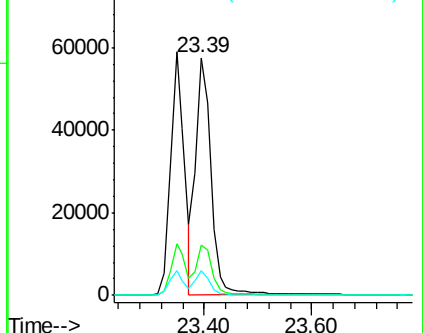
125 10.4 9.6 14.4



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: 5.45 ng

RT: 23.97 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BE092507.D

Acq: 8 Nov 2016 13:59

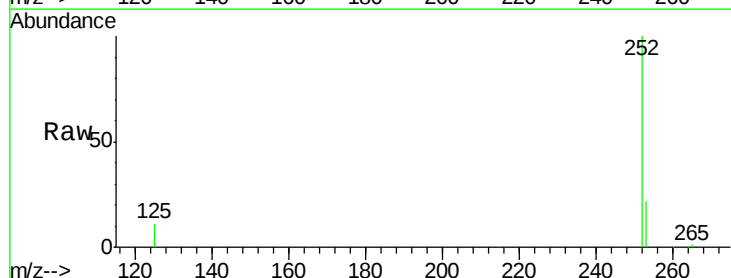
Tgt Ion:252 Resp: 100987

Ion Ratio Lower Upper

252 100

253 22.3 19.0 28.6

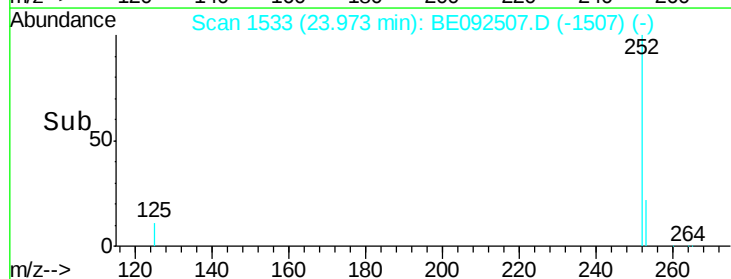
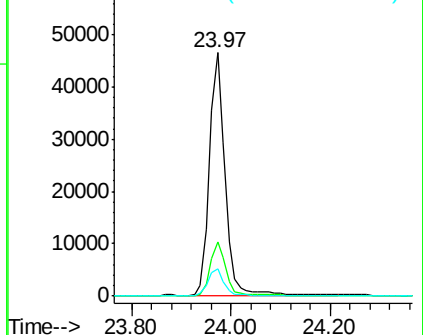
125 11.0 11.8 17.8#

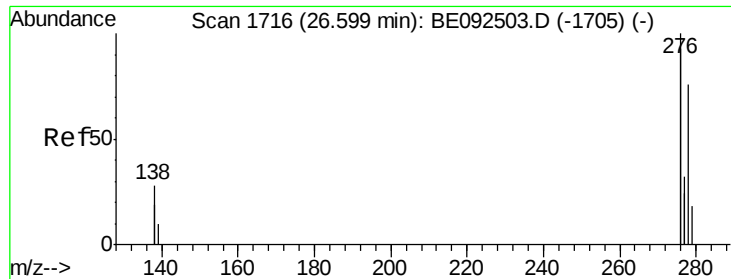


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

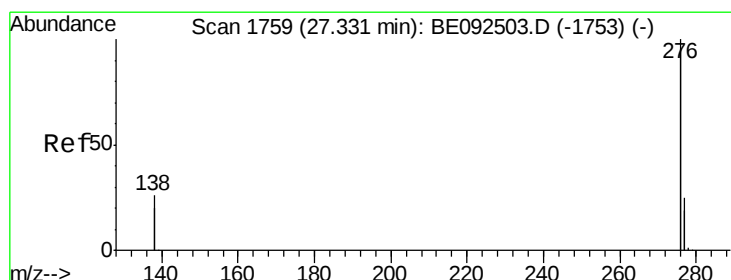
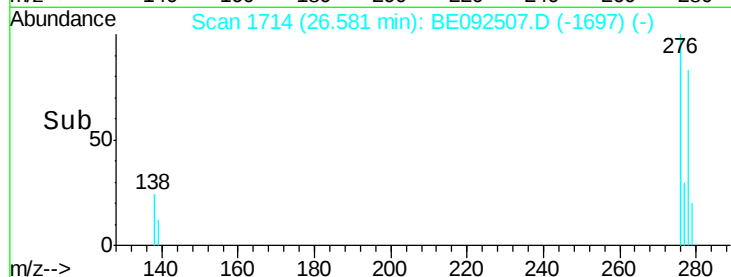
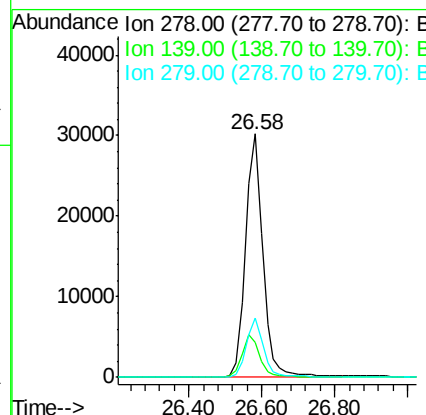
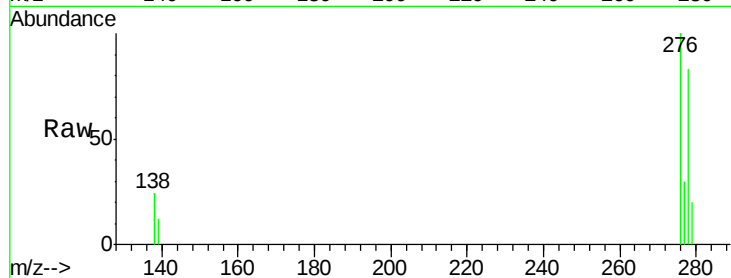




#35
Dibenzo(a,h)anthracene
Concen: 5.68 ng
RT: 26.58 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092507.D
Acq: 8 Nov 2016 13:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 98363
Ion Ratio Lower Upper
278 100
139 14.3 13.8 20.8
279 24.2 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 5.39 ng
RT: 27.31 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092507.D
Acq: 8 Nov 2016 13:59

Tgt Ion:276 Resp: 402293
Ion Ratio Lower Upper
276 100
277 22.2 19.8 29.8
138 24.0 19.8 29.6

