

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
 Data File : BE092373.D
 Acq On : 12 Sep 2016 15:57
 Operator : UM/SJ
 Sample : PB93350BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 12 16:37:50 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	8.17	152	11384	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	45993	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	23090	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55726	5.00	ng	0.00
24) Chrysene-d12	21.72	240	73421	5.00	ng	-0.02
31) Perylene-d12	24.08	264	51063	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	24279	8.97	ng	-0.01
5) Phenol-d6	7.34	99	30462	8.43	ng	-0.02
8) Nitrobenzene-d5	9.32	82	14595	4.42	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	7050	9.86	ng	-0.02
14) 2-Fluorobiphenyl	13.42	172	28990	4.09	ng	-0.02
26) Terphenyl-d14	20.16	244	36435	3.36	ng	-0.02

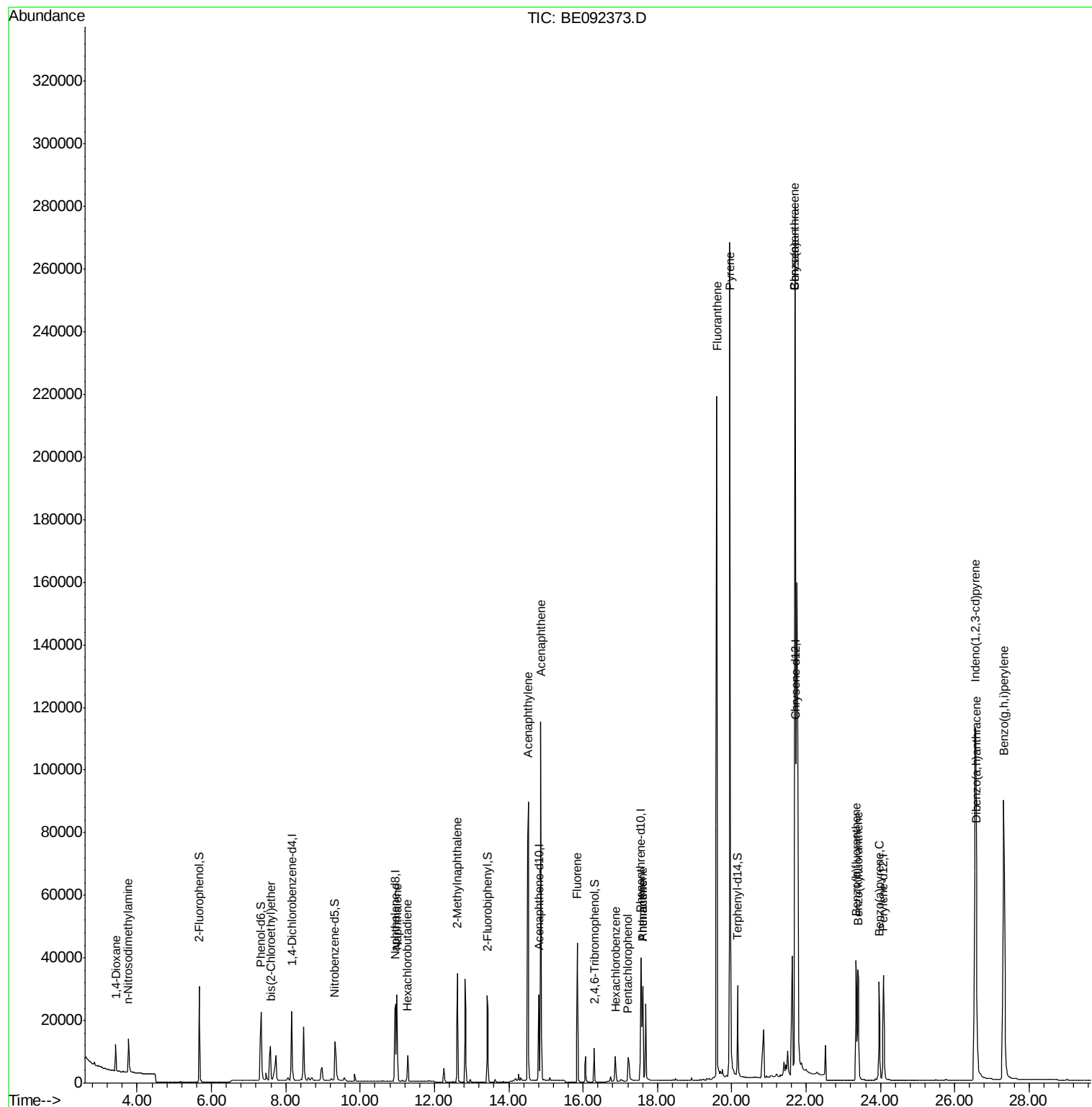
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	5025	3.59	ng	# 81
3) n-Nitrosodimethylamine	3.76	42	8339	4.61	ng	# 98
6) bis(2-Chloroethyl)ether	7.59	93	11974	3.48	ng	# 27
9) Naphthalene	10.99	128	38422	3.73	ng	# 95
10) Hexachlorobutadiene	11.28	225	6159	3.83	ng	99
11) 2-Methylnaphthalene	12.61	142	25892	3.84	ng	97
15) Acenaphthylene	14.53	152	154802	3.90	ng	100
16) Acenaphthene	14.87	154	23479	3.65	ng	97
17) Fluorene	15.84	166	29766	3.69	ng	100
19) Hexachlorobenzene	16.87	284	7683	2.88	ng	95
20) Pentachlorophenol	17.21	266	9579	6.82	ng	# 80
21) Phenanthrene	17.60	178	47463	3.03	ng	95
22) Anthracene	17.60	178	47292	3.39	ng	99
23) Fluoranthene	19.59	202	279306	4.08	ng	100
25) Pyrene	19.95	202	308838	4.32	ng	99
27) Benzo(a)anthracene	21.70	228	530191	6.69	ng	98
28) Chrysene	21.70	228	535917	7.38	ng	# 81
29) Bis(2-ethylhexyl)phthalate	21.63	149	61309	Below Cal		# 70
30) Indeno(1,2,3-cd)pyrene	26.55	276	244877	2.93	ng	98
32) Benzo(b)fluoranthene	23.35	252	53981	4.12	ng	95
33) Benzo(k)fluoranthene	23.39	252	53923	3.89	ng	93
34) Benzo(a)pyrene	23.97	252	51248	3.97	ng	# 95
35) Dibenzo(a,h)anthracene	26.58	278	51684	4.32	ng	# 94
36) Benzo(g,h,i)perylene	27.31	276	215444	4.28	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampled :

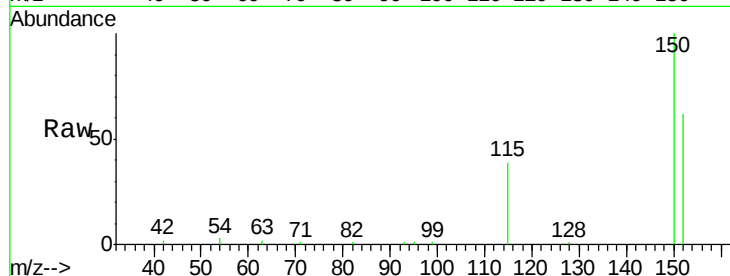
Tot Ion:152 Resp: 11384

Ion Ratio Lower Upper

152 100

150 162.2 106.0 159.0#

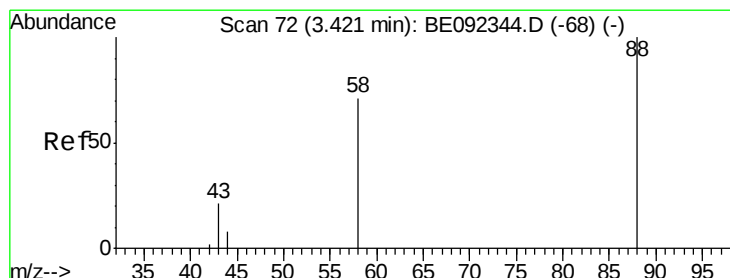
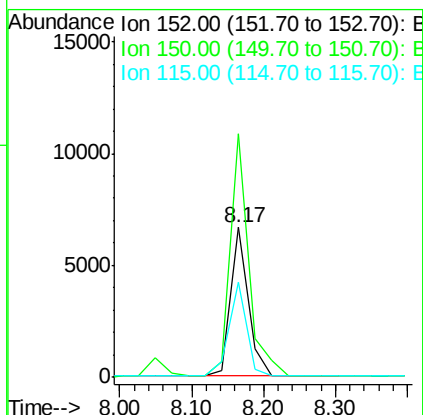
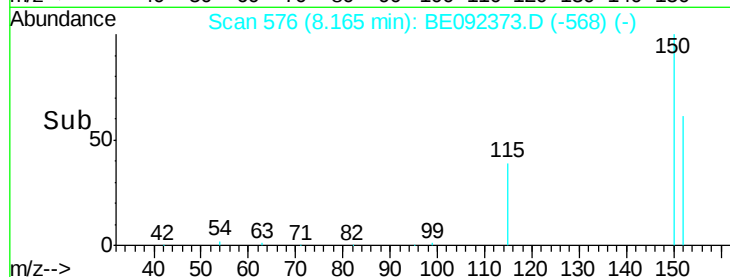
115 63.5 31.2 46.8#



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: 3.59 ng

RT: 3.42 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

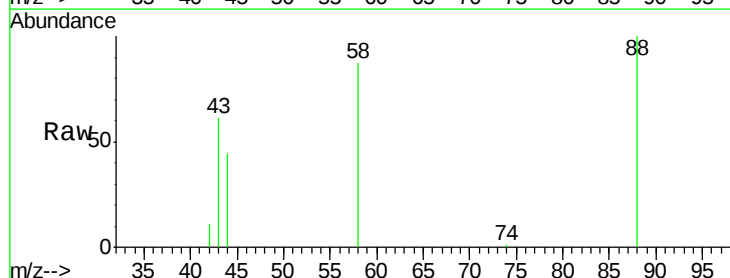
Tgt Ion: 88 Resp: 5025

Ion Ratio Lower Upper

88 100

58 94.3 63.6 95.4

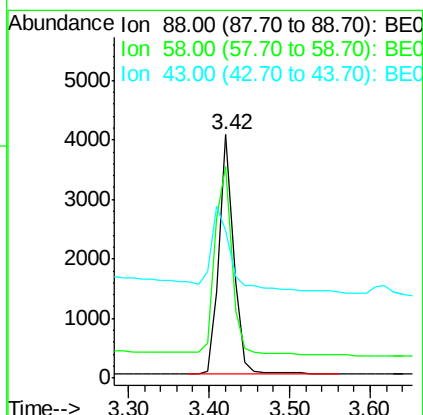
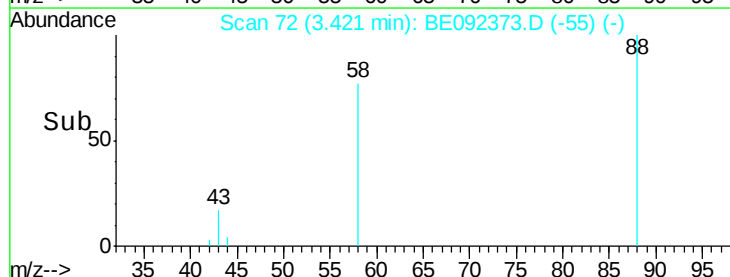
43 48.7 28.0 42.0#

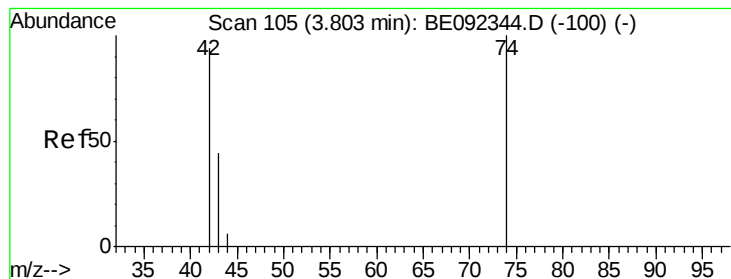


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



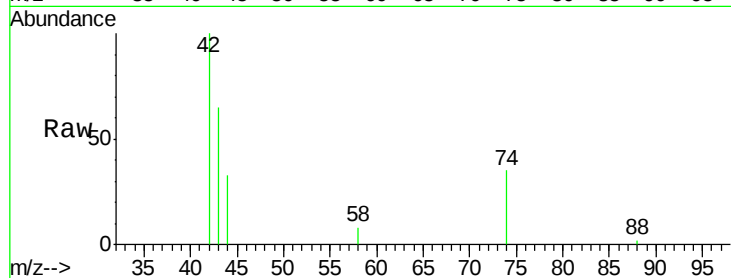


#3

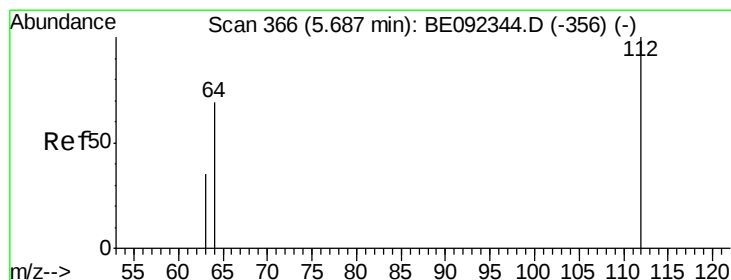
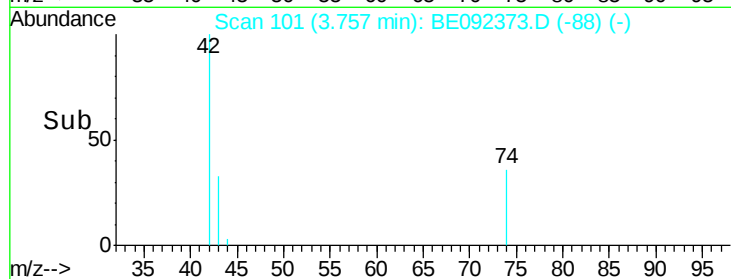
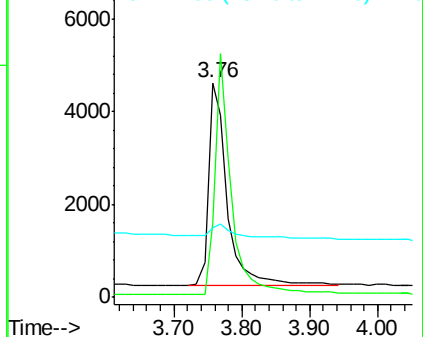
n-Nitrosodimethylamine
Concen: 4.61 ng
RT: 3.76 min Scan# 101
Delta R.T. -0.05 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 8339
Ion Ratio Lower Upper
42 100
74 106.6 86.0 129.0
44 11.1 5.1 7.7#



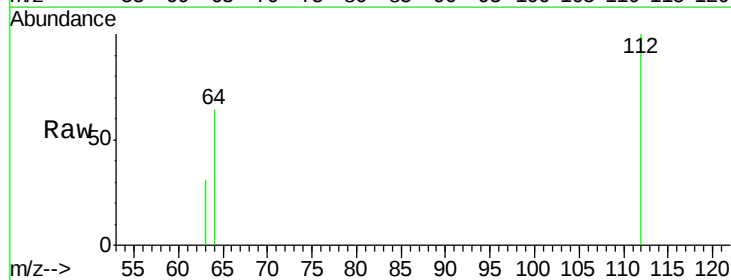
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



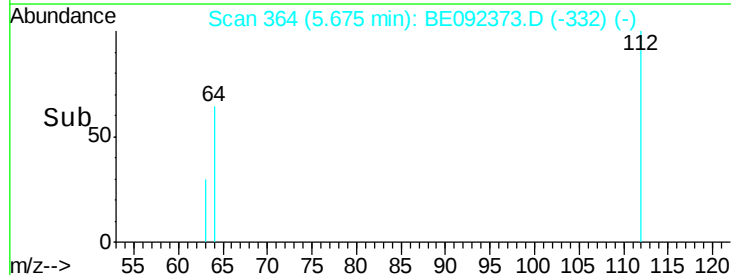
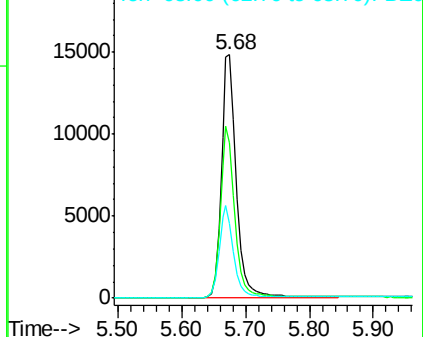
#4

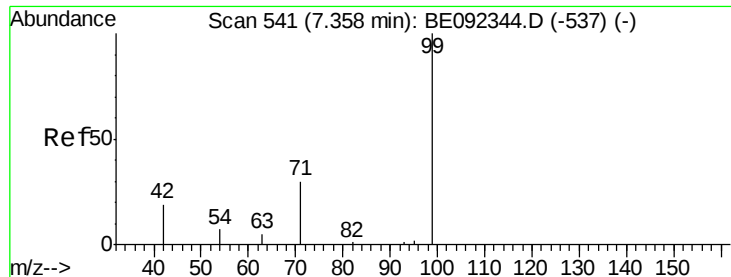
2-Fluorophenol
Concen: 8.97 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

Tgt Ion: 112 Resp: 24279
Ion Ratio Lower Upper
112 100
64 68.4 53.5 80.3
63 36.4 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: 8.43 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

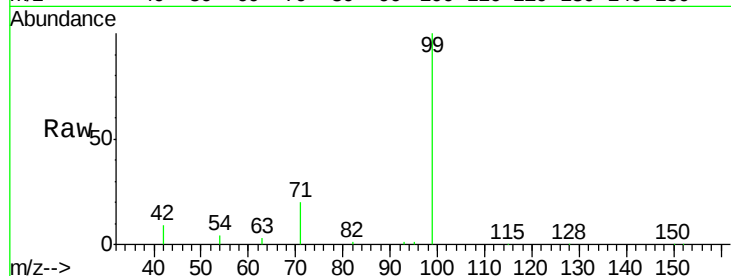
Tot Ion: 99 Resp: 30462

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

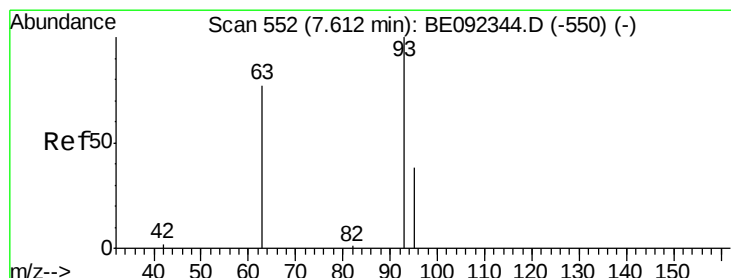
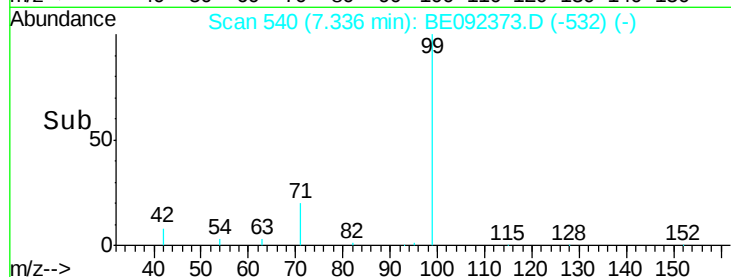
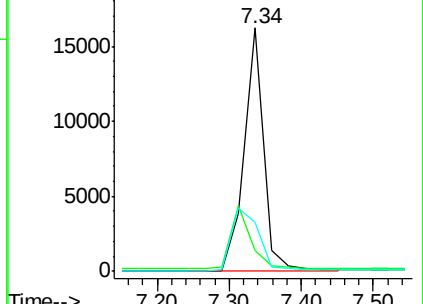
71 0.0 30.6 45.8#



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: 3.48 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

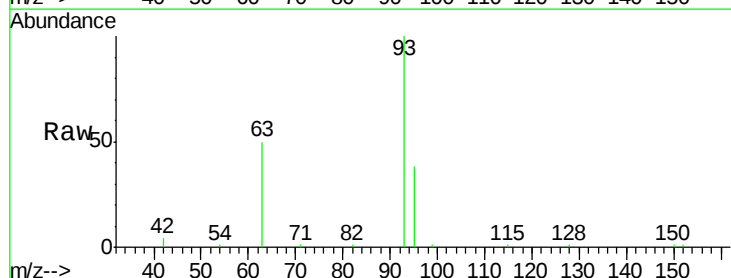
Tgt Ion: 93 Resp: 11974

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

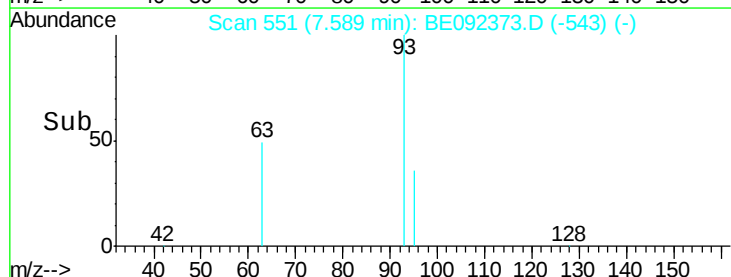
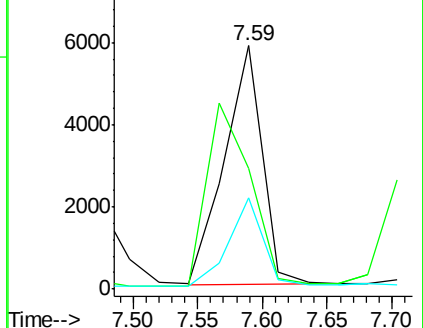
95 33.4 24.0 36.0

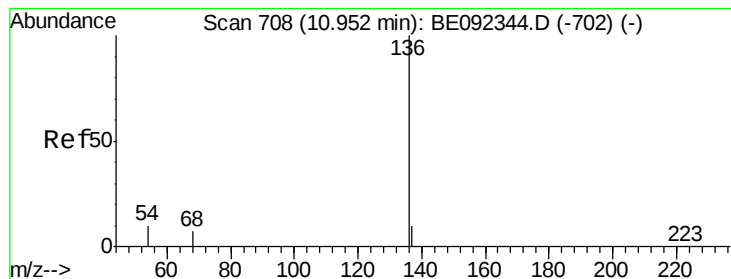


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 45993

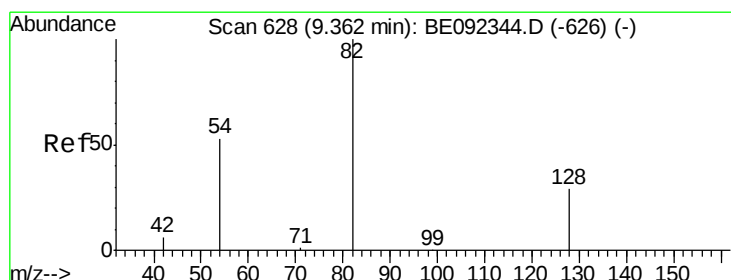
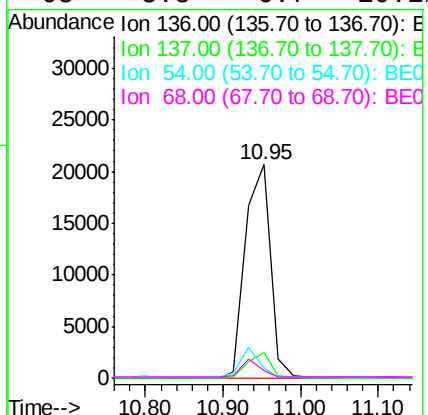
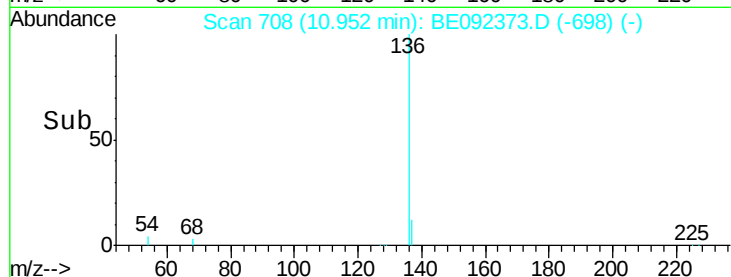
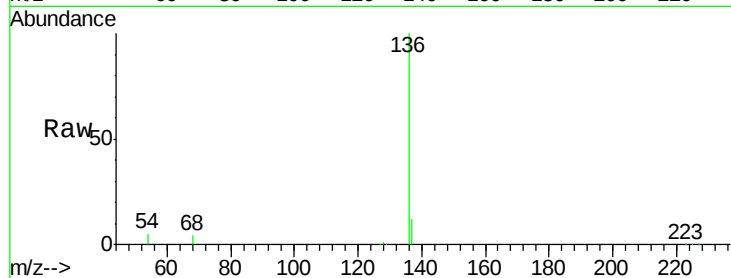
Ion Ratio Lower Upper

136 100

137 12.2 8.2 12.4

54 4.5 9.6 14.4#

68 3.8 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 4.42 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

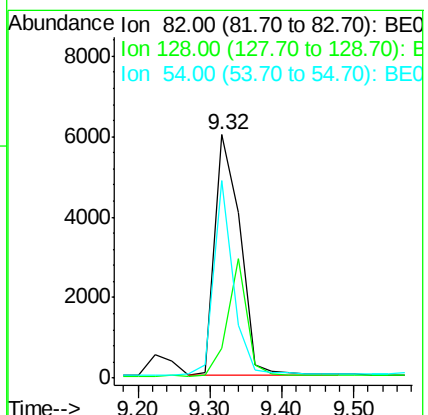
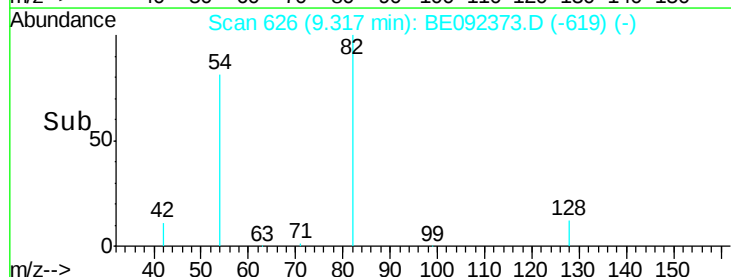
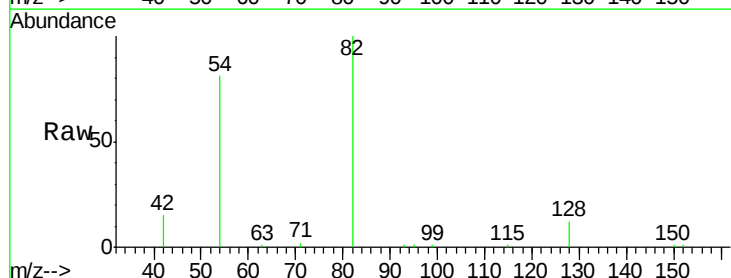
Tgt Ion: 82 Resp: 14595

Ion Ratio Lower Upper

82 100

128 12.3 39.0 58.4#

54 81.2 44.8 67.2#





#9

Naphthalene

Concen: 3.73 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

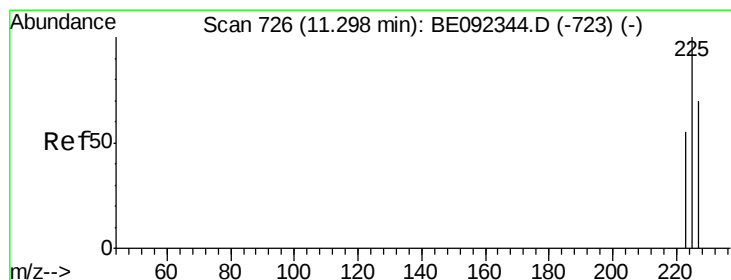
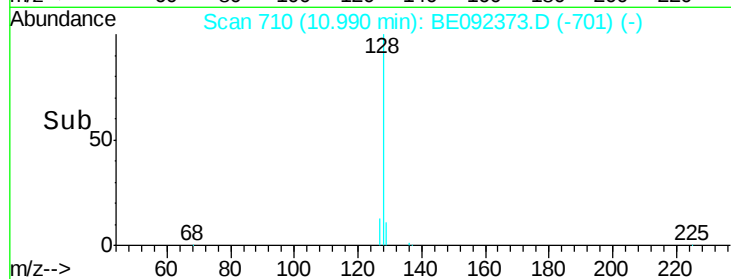
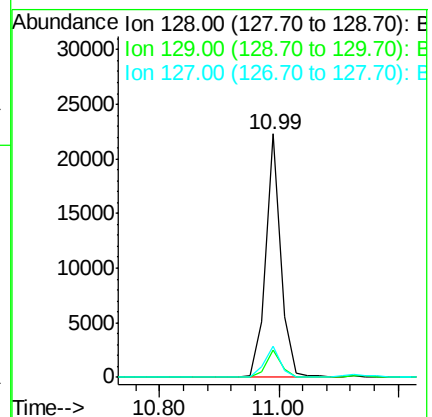
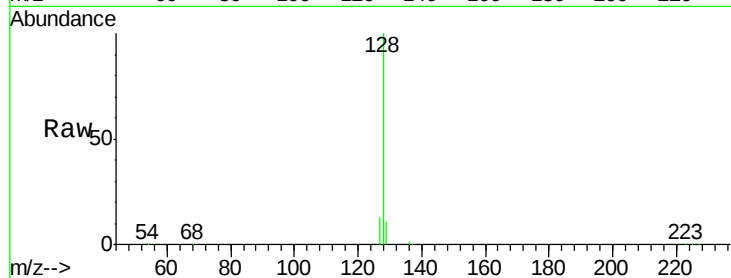
Tot Ion:128 Resp: 38422

Ion Ratio Lower Upper

128 100

129 11.1 11.2 16.8#

127 13.0 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.83 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

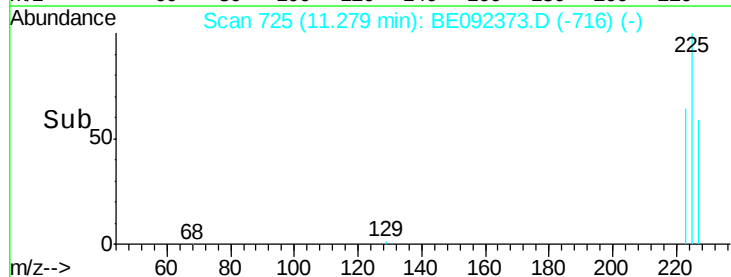
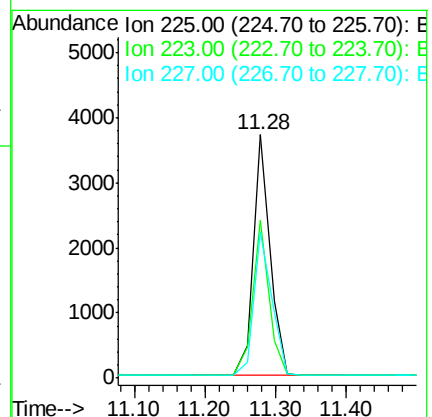
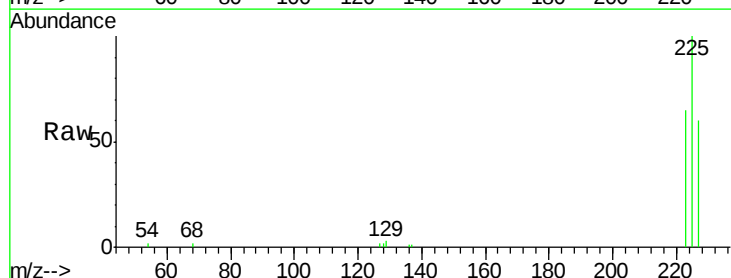
Tgt Ion:225 Resp: 6159

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

227 63.8 51.4 77.0





#11

2-Methylnaphthalene

Concen: 3.84 ng

RT: 12.61 min Scan# 813

Delta R.T. -0.04 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

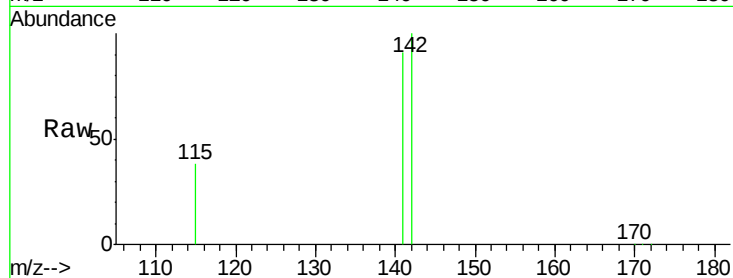
Tot Ion:142 Resp: 25892

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

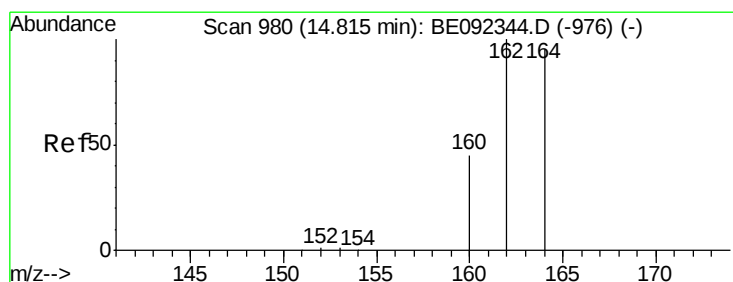
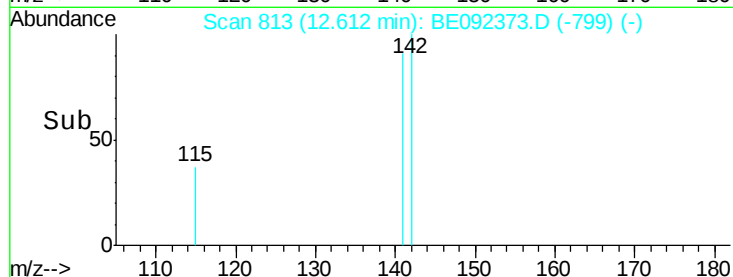
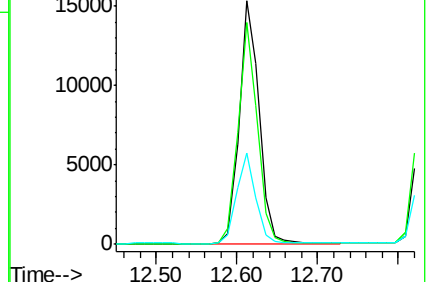
115 37.5 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

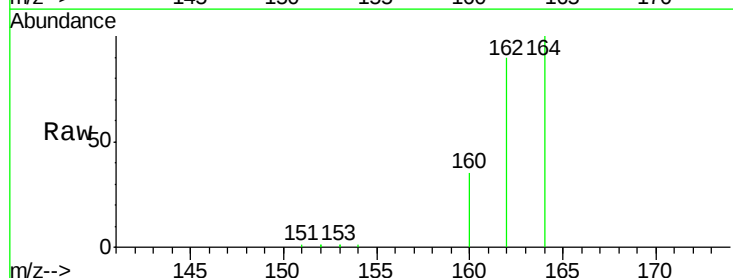
Tgt Ion:164 Resp: 23090

Ion Ratio Lower Upper

164 100

162 89.9 71.4 107.0

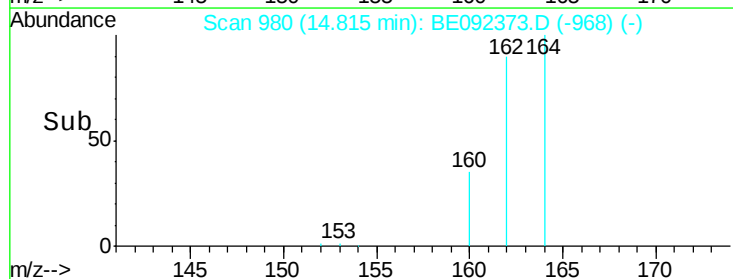
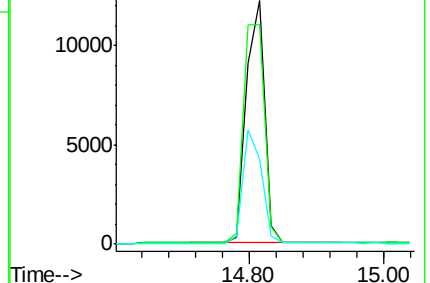
160 35.1 27.4 41.2

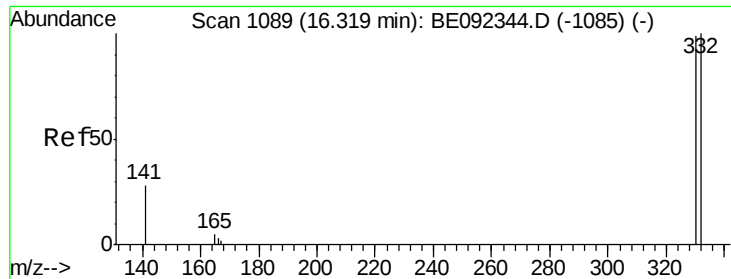


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

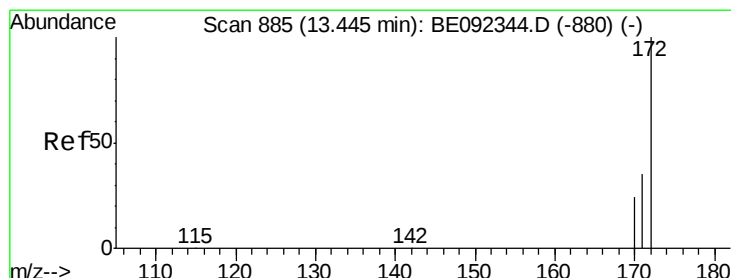
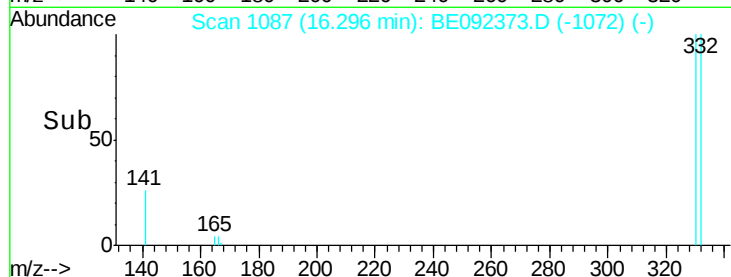
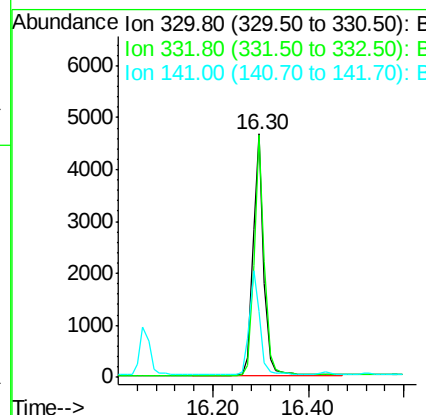
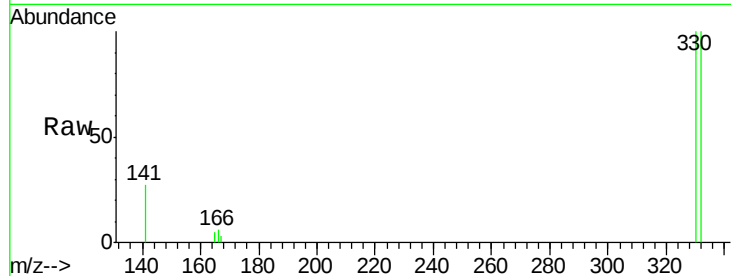




#13
 2,4,6-Tribromophenol
 Concen: 9.86 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

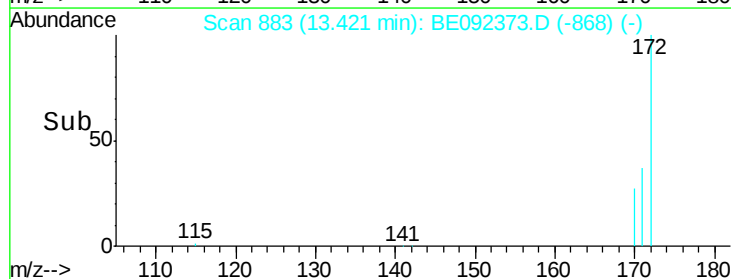
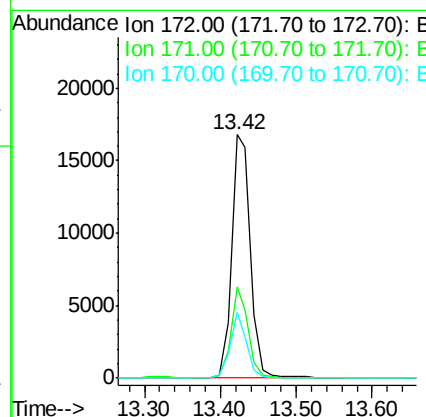
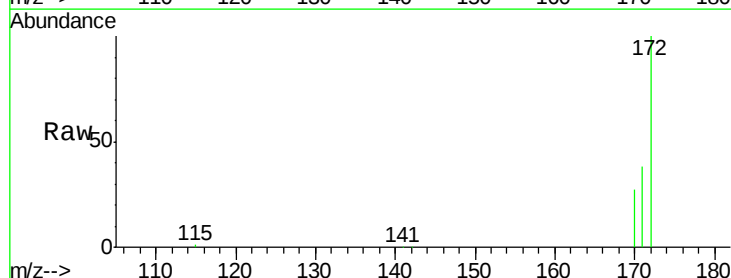
Instrument :
 BNA_E
 ClientSampleId :

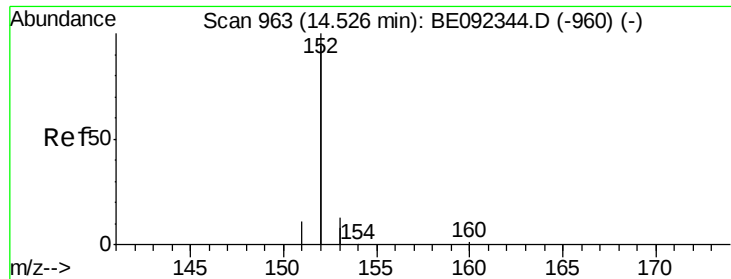
Tot Ion:330 Resp: 7050
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 42.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.09 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

Tgt Ion:172 Resp: 28990
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 27.1 21.8 32.6





#15

Acenaphthylene

Concen: 3.90 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

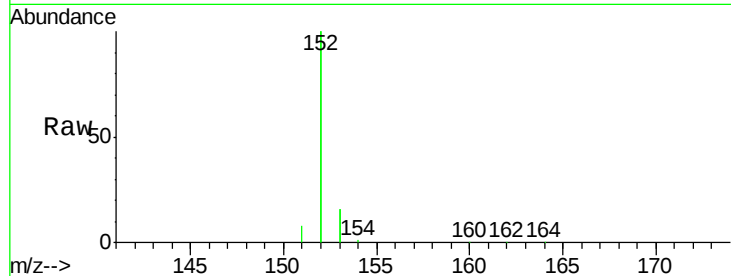
Tot Ion:152 Resp: 154802

Ion Ratio Lower Upper

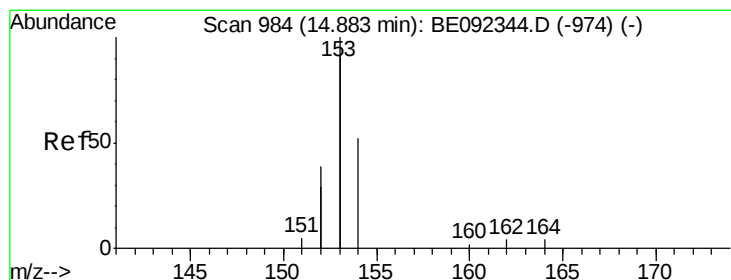
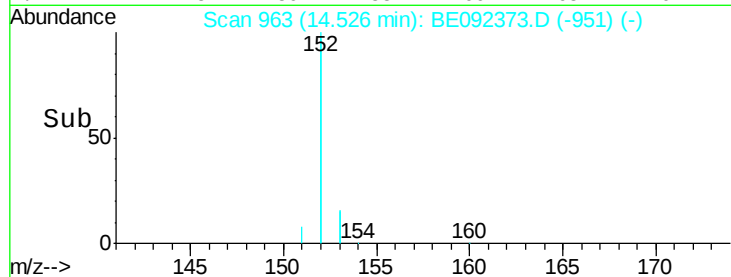
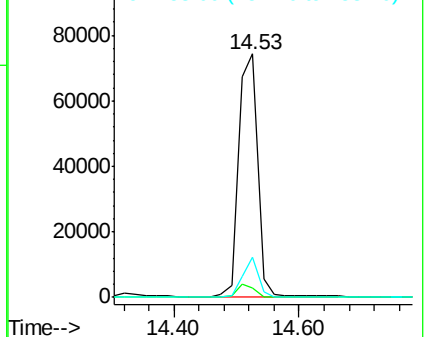
152 100

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: 3.65 ng

RT: 14.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

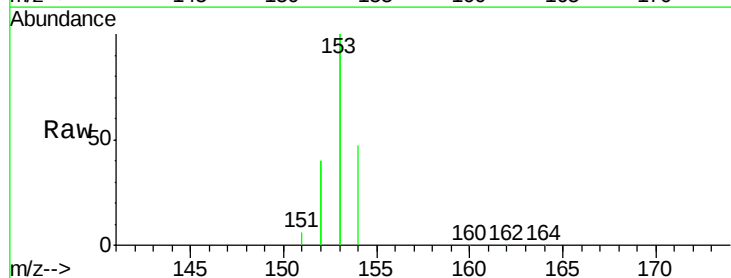
Tgt Ion:154 Resp: 23479

Ion Ratio Lower Upper

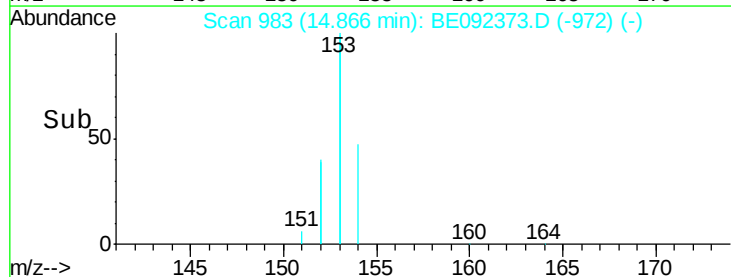
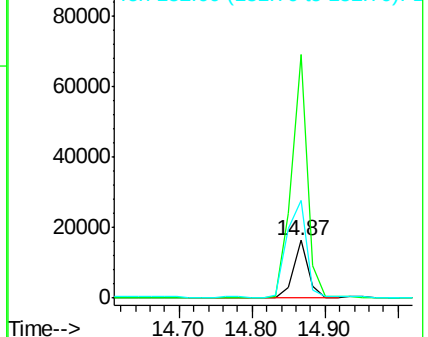
154 100

153 446.3 350.8 526.2

152 216.4 171.1 256.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

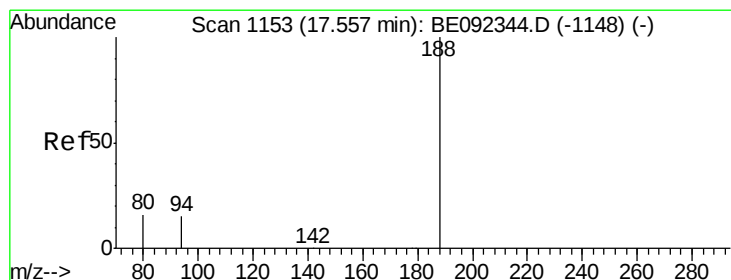
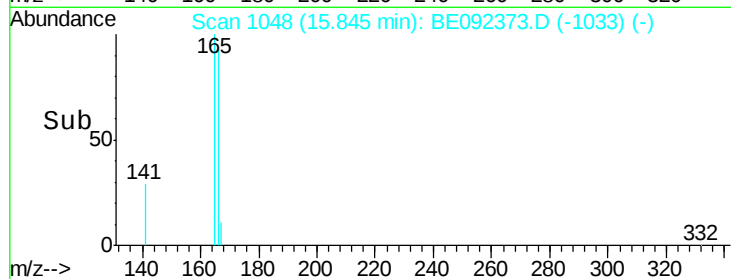
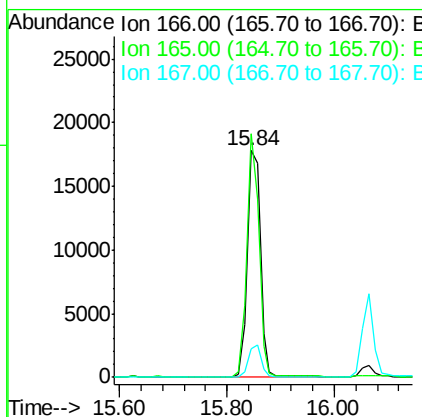
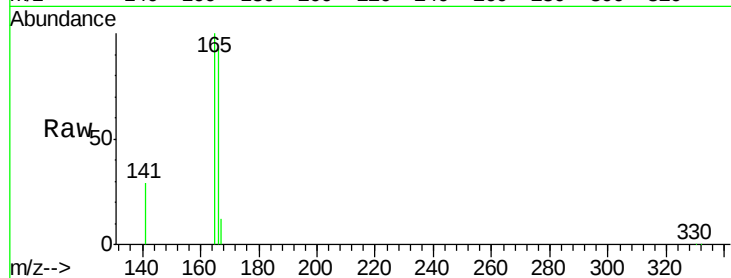




#17
Fluorene
 Concen: 3.69 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

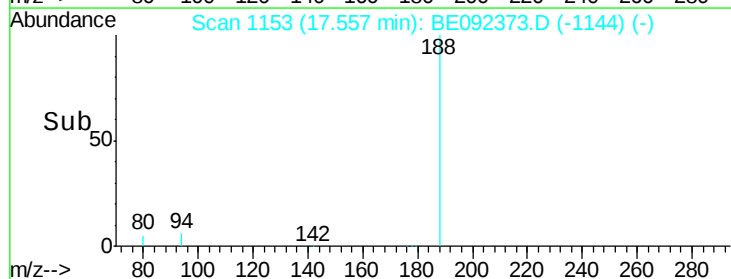
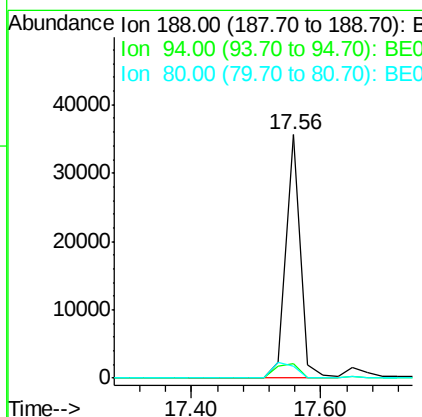
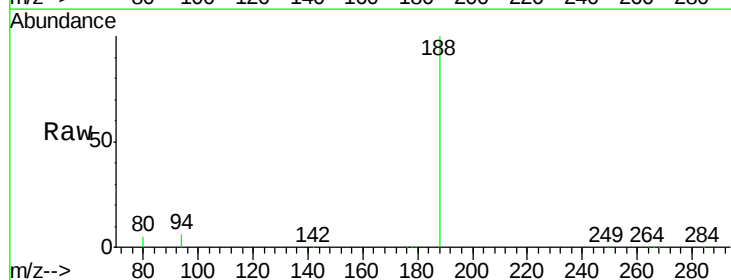
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 29766
 Ion Ratio Lower Upper
 166 100
 165 98.0 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: BE092373.D
 Acq: 12 Sep 2016 15:57

Tgt Ion:188 Resp: 55726
 Ion Ratio Lower Upper
 188 100
 94 5.7 3.2 4.8#
 80 4.9 2.6 3.8#

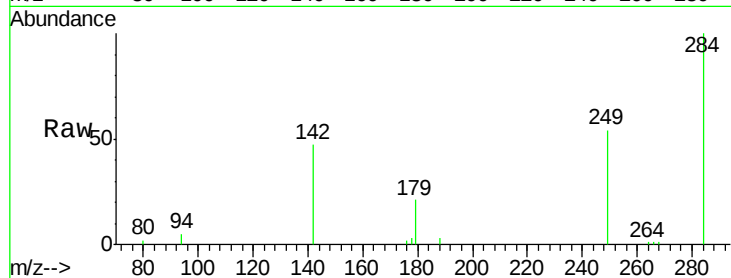




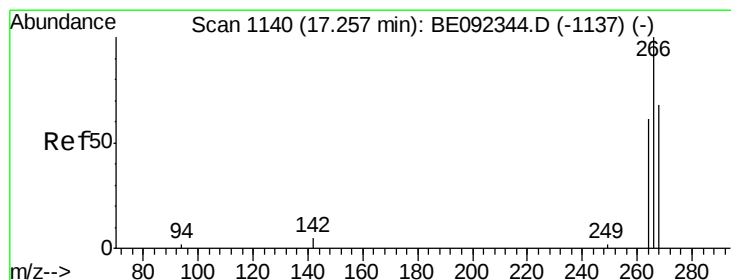
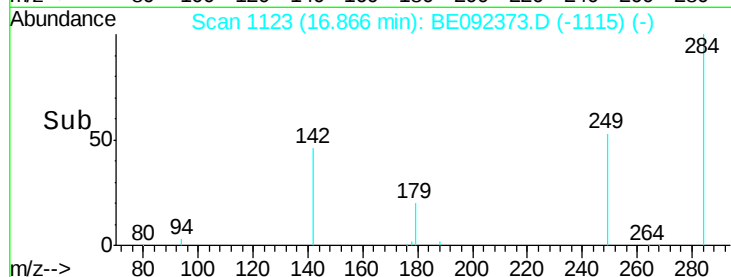
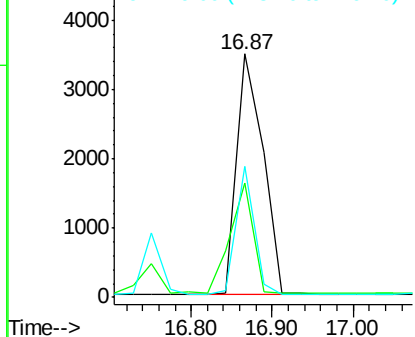
#19
Hexachlorobenzene
Concen: 2.88 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 7683
Ion Ratio Lower Upper
284 100
142 40.2 29.1 43.7
249 36.8 27.9 41.9

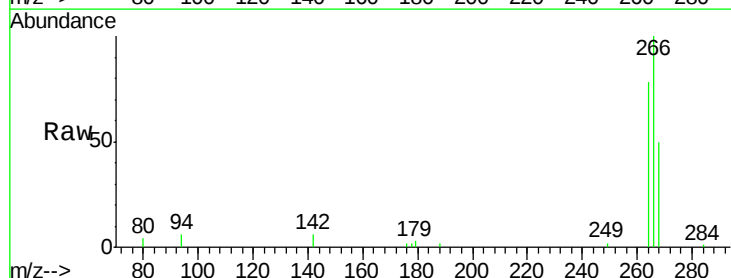


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

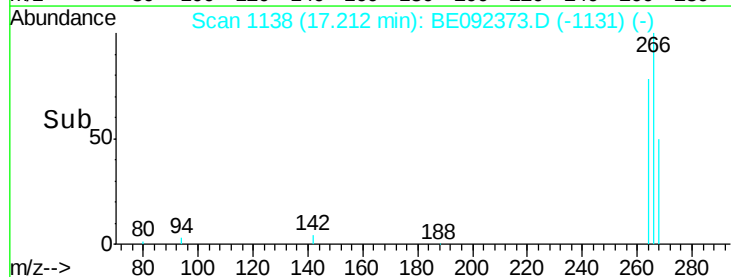
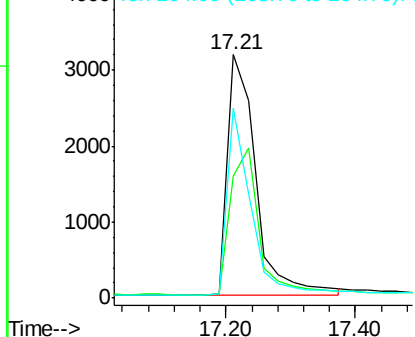


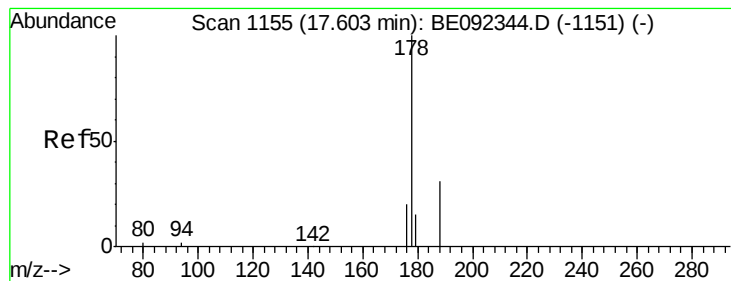
#20
Pentachlorophenol
Concen: 6.82 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.05 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

Tgt Ion:266 Resp: 9579
Ion Ratio Lower Upper
266 100
268 50.3 62.5 93.7#
264 78.0 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: 3.03 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

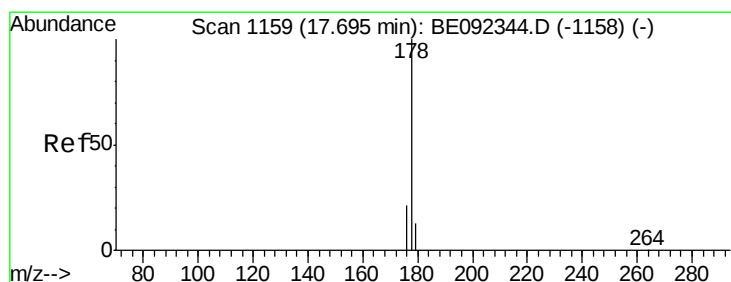
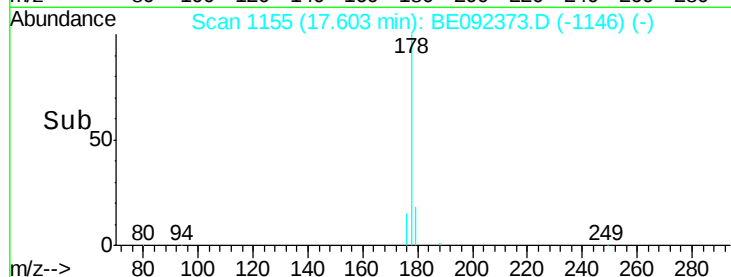
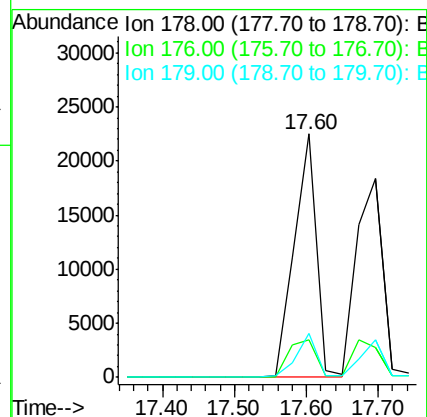
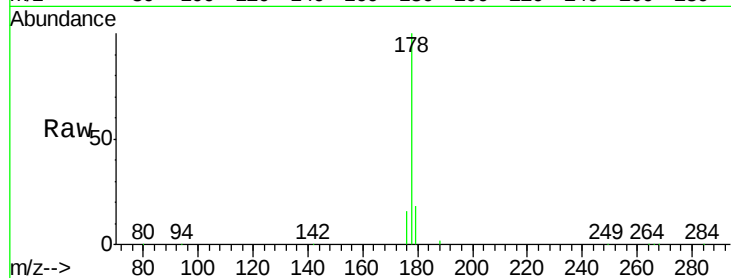
Tot Ion:178 Resp: 47463

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

179 16.0 16.0 24.0



#22

Anthracene

Concen: 3.39 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.09 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

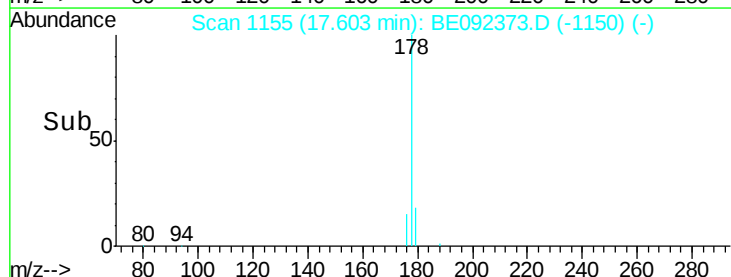
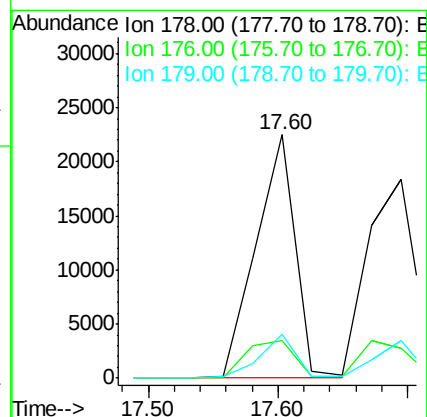
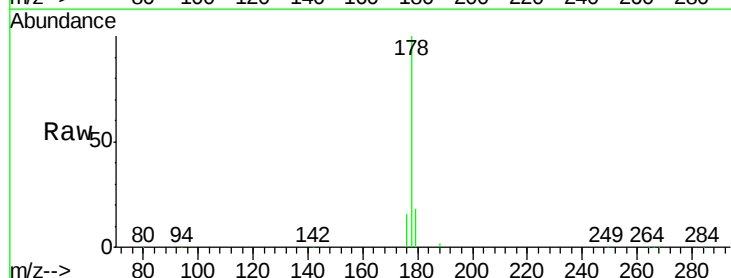
Tgt Ion:178 Resp: 47292

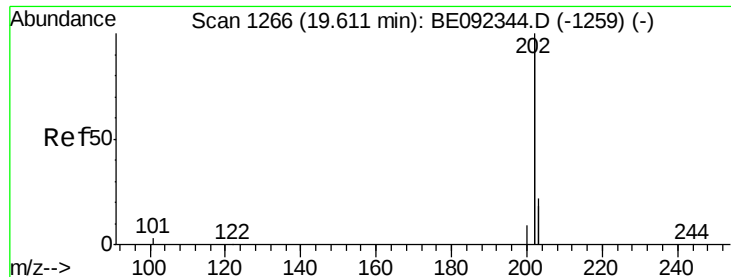
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 16.0 12.2 18.2

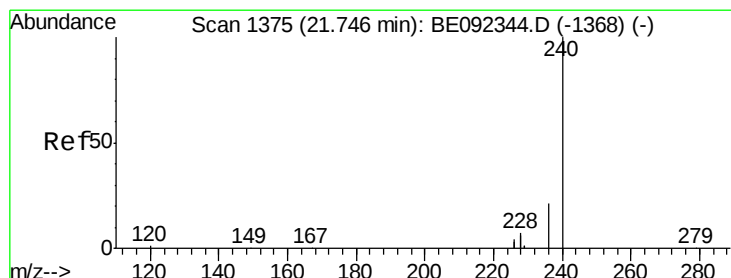
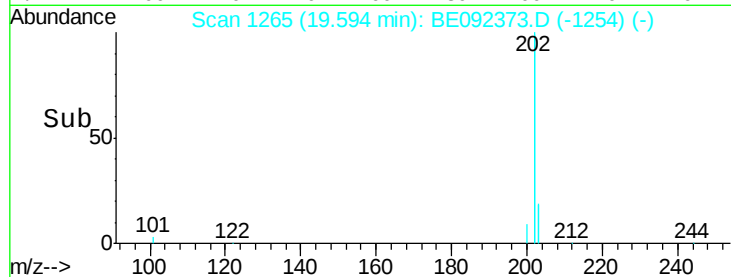
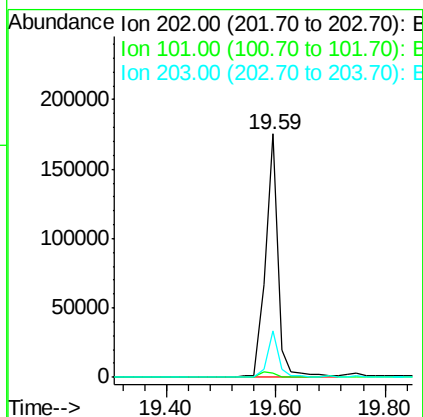
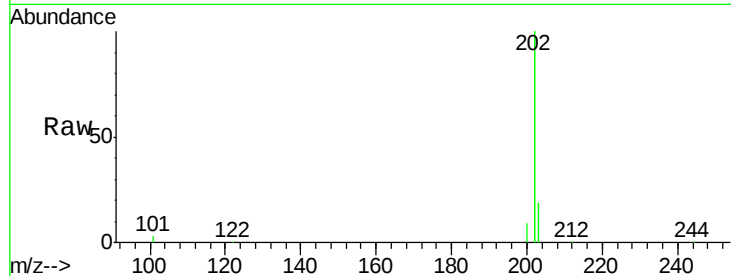




#23
 Fluoranthene
 Concen: 4.08 ng
 RT: 19.59 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

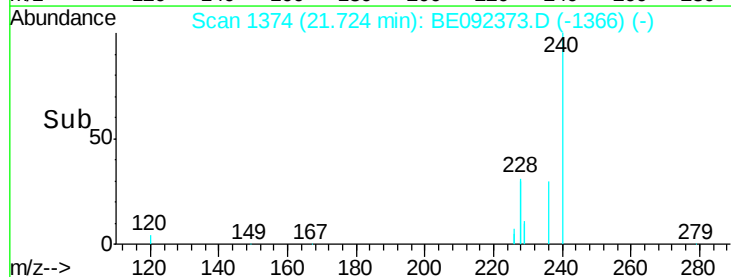
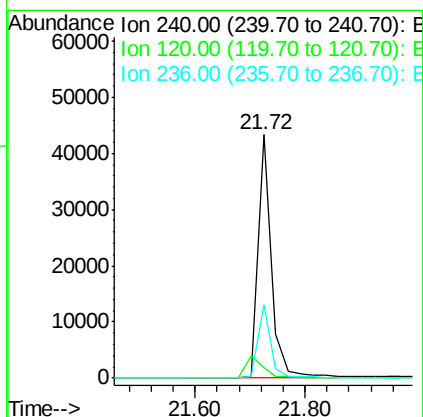
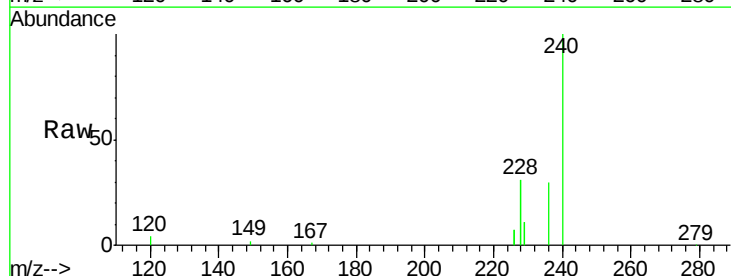
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 279306
 Ion Ratio Lower Upper
 202 100
 101 2.7 2.2 3.4
 203 17.3 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

Tgt Ion:240 Resp: 73421
 Ion Ratio Lower Upper
 240 100
 120 4.5 2.6 4.0#
 236 29.9 24.6 37.0





#25

Pvrene

Concen: 4.32 ng

RT: 19.95 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

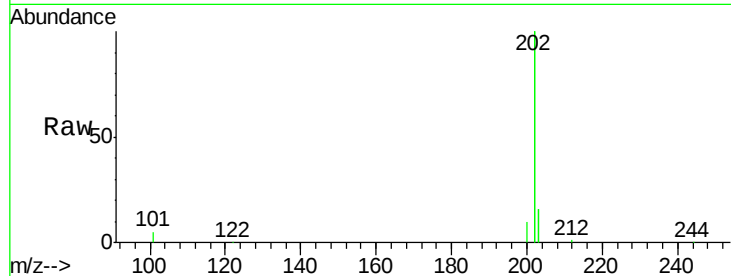
Tot Ion:202 Resp: 308838

Ion Ratio Lower Upper

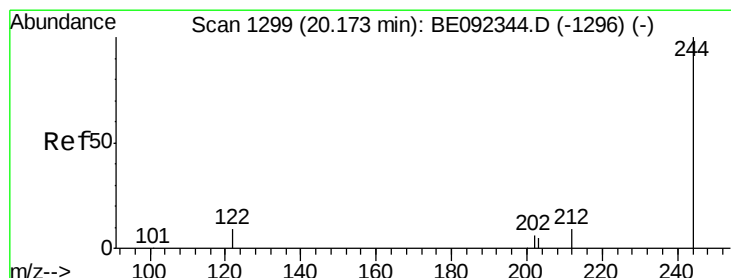
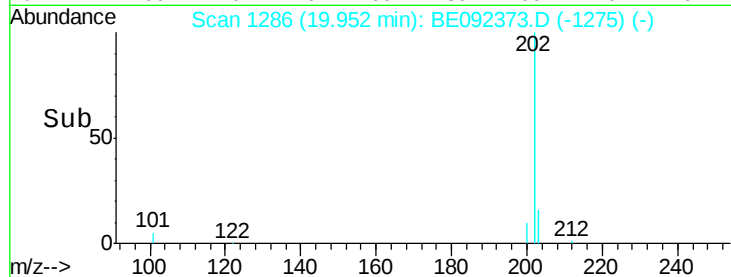
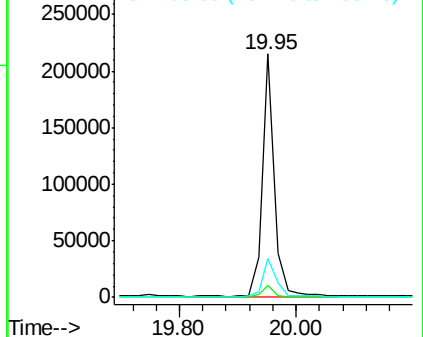
202 100

200 5.3 4.2 6.4

203 18.0 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: 3.36 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

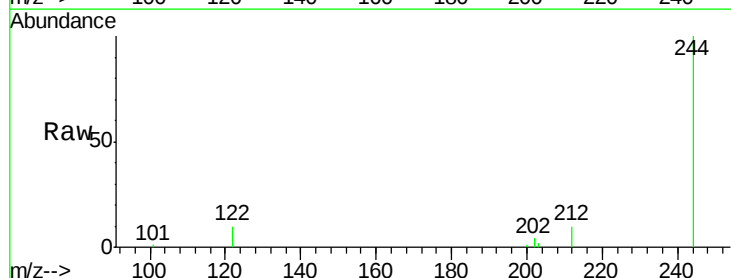
Tgt Ion:244 Resp: 36435

Ion Ratio Lower Upper

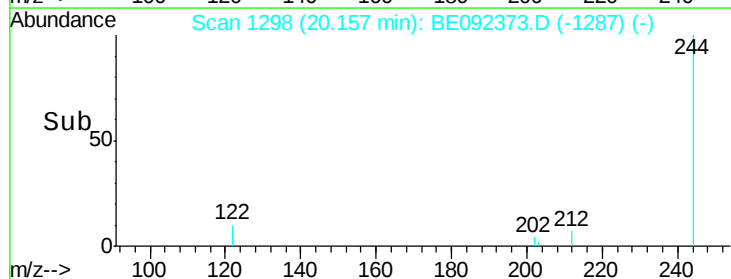
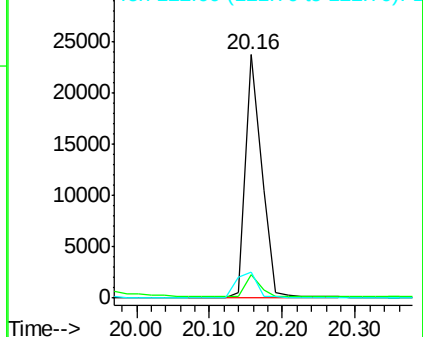
244 100

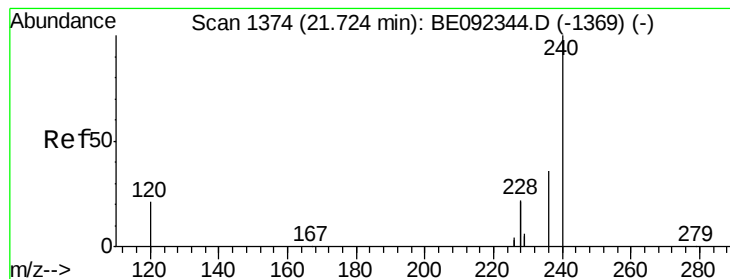
212 9.8 6.7 10.1

122 10.5 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: 6.69 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

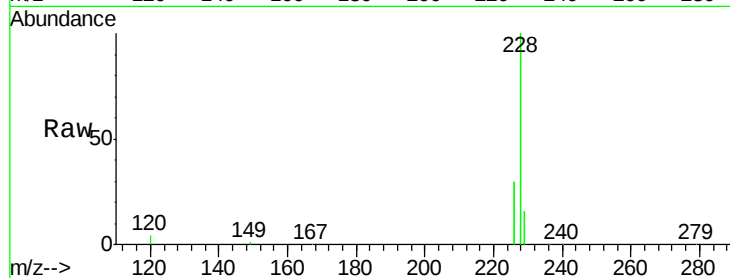
Tot Ion:228 Resp: 530191

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

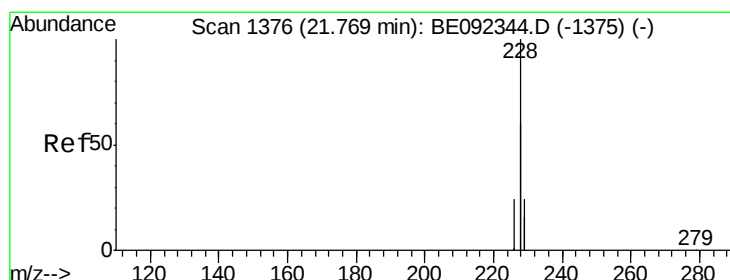
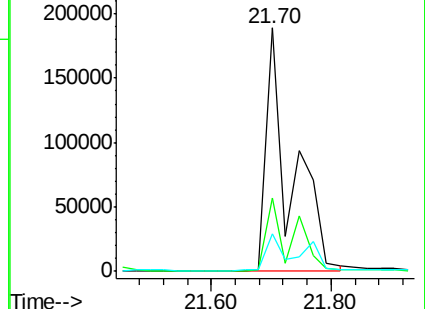
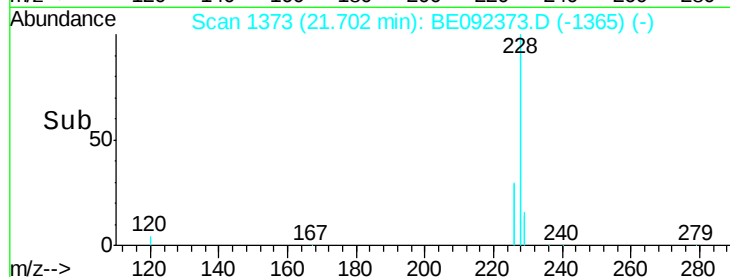
229 15.5 13.3 19.9



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: 7.38 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

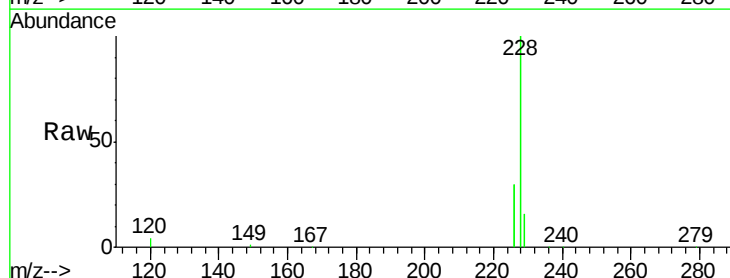
Tgt Ion:228 Resp: 535917

Ion Ratio Lower Upper

228 100

226 30.2 36.3 54.5#

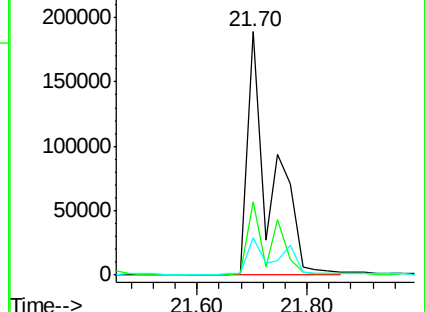
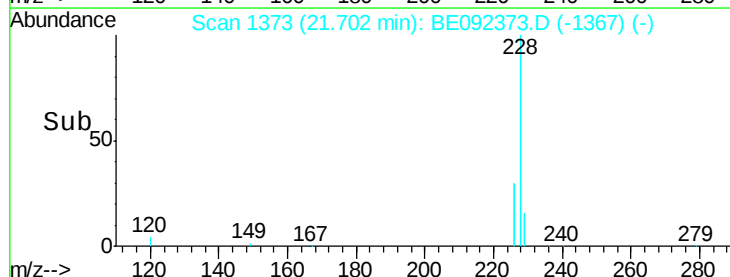
229 15.5 10.6 16.0

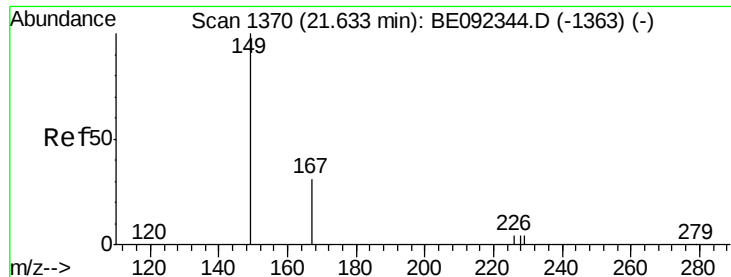


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

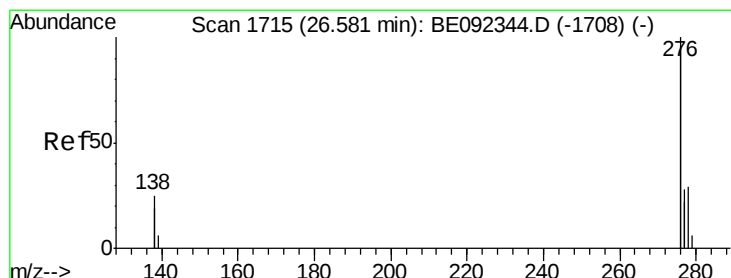
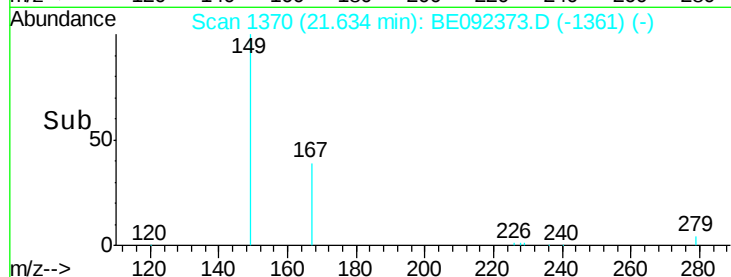
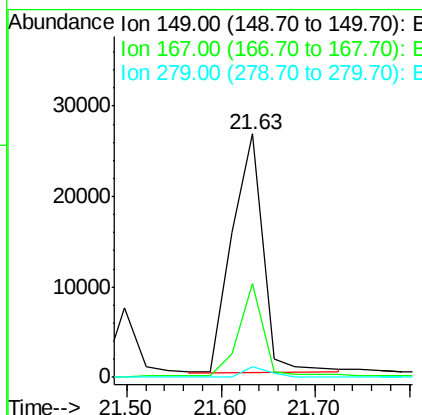
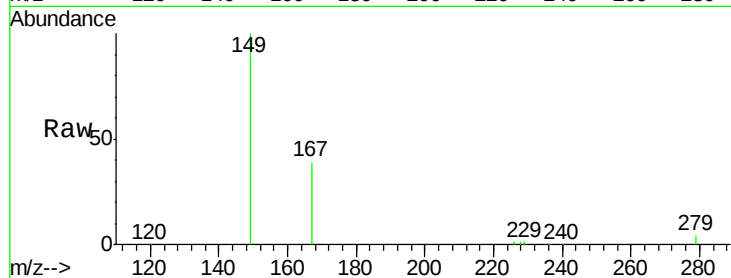




#29
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

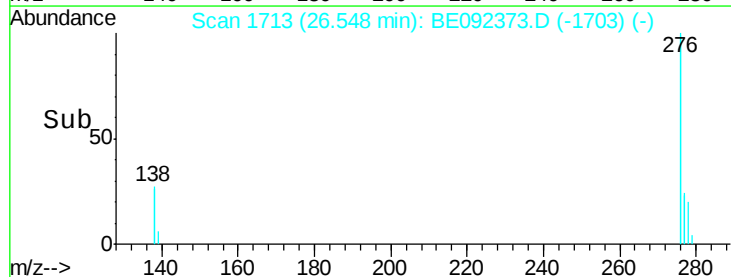
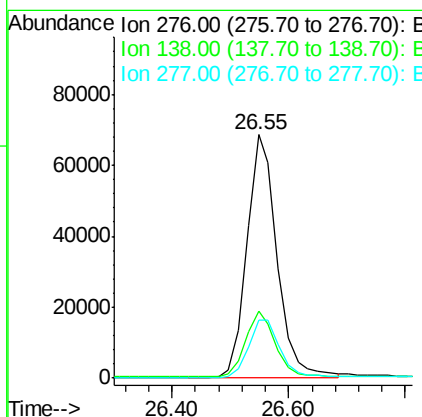
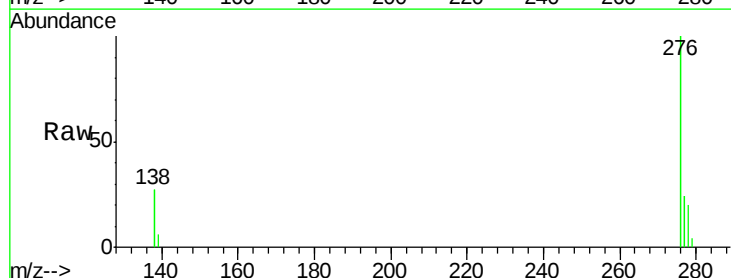
Instrument :
 BNA_E
 ClientSampleId :

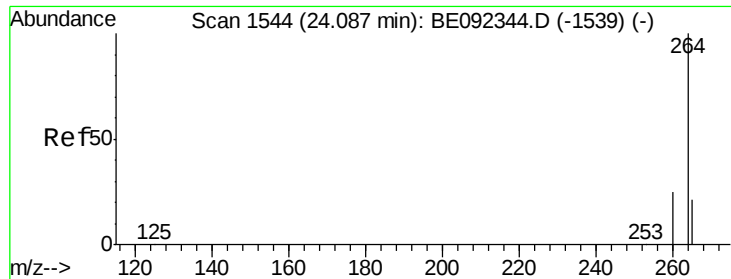
Tot Ion:149 Resp: 61309
 Ion Ratio Lower Upper
 149 100
 167 31.0 16.0 24.0#
 279 3.5 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 2.93 ng
 RT: 26.55 min Scan# 1713
 Delta R.T. -0.03 min
 Lab File: BE092373.D
 Acq: 12 Sep 2016 15:57

Tgt Ion:276 Resp: 244877
 Ion Ratio Lower Upper
 276 100
 138 27.0 20.3 30.5
 277 24.8 19.7 29.5

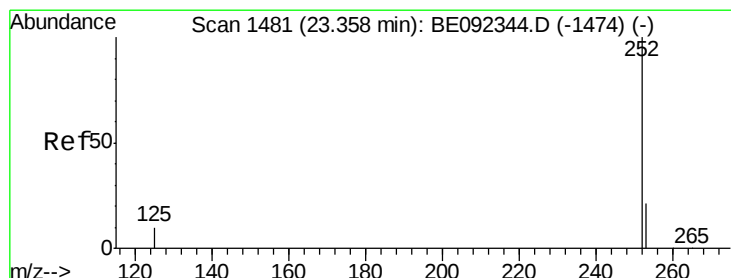
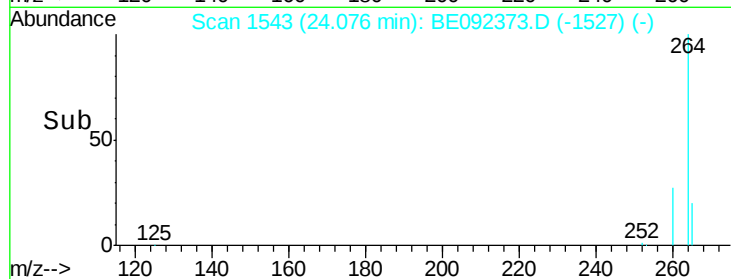
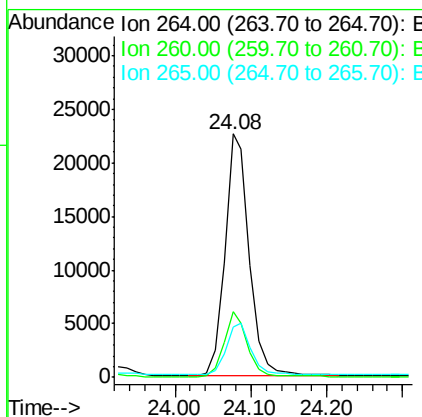
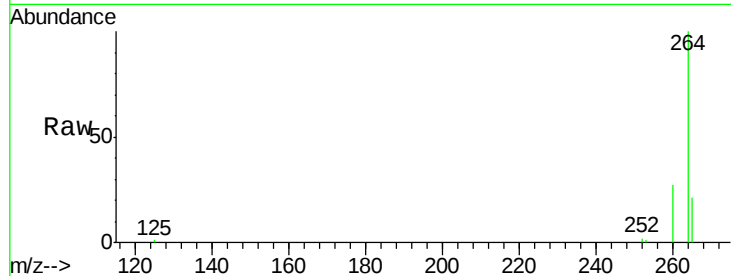




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

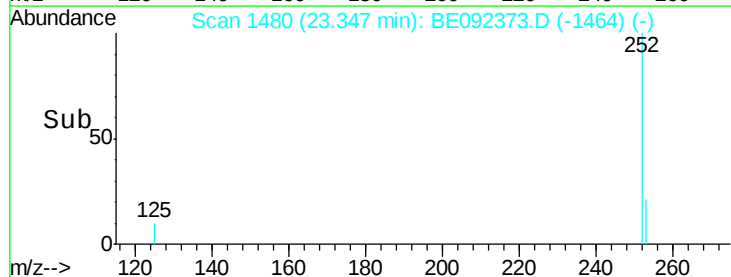
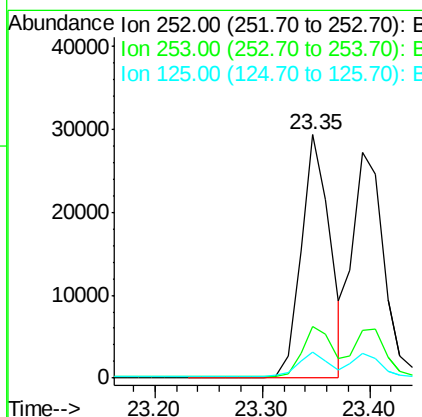
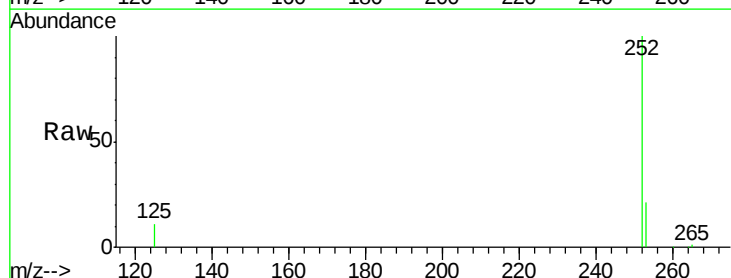
Instrument :
BNA_E
ClientSampleId :

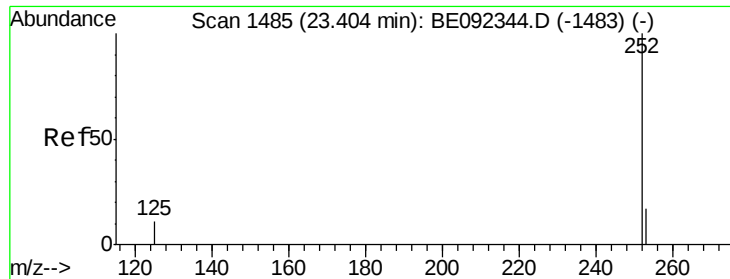
Tot Ion:264 Resp: 51063
Ion Ratio Lower Upper
264 100
260 26.8 20.1 30.1
265 20.9 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 4.12 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

Tgt Ion:252 Resp: 53981
Ion Ratio Lower Upper
252 100
253 21.5 18.7 28.1
125 10.9 10.5 15.7

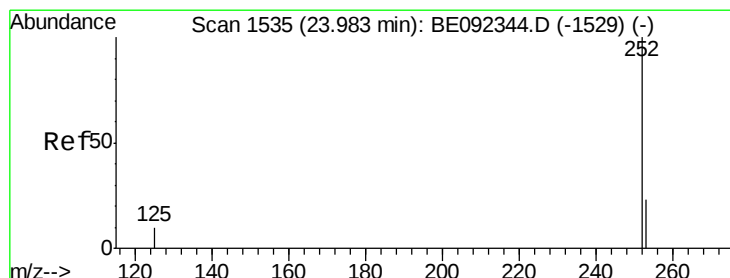
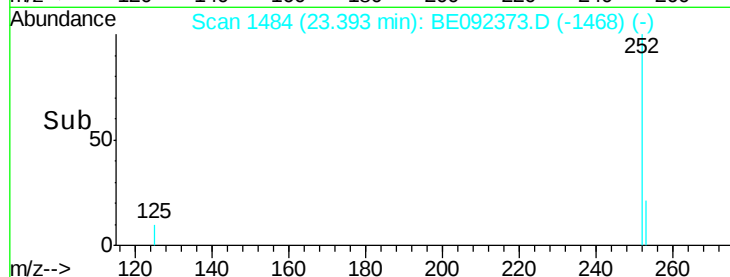
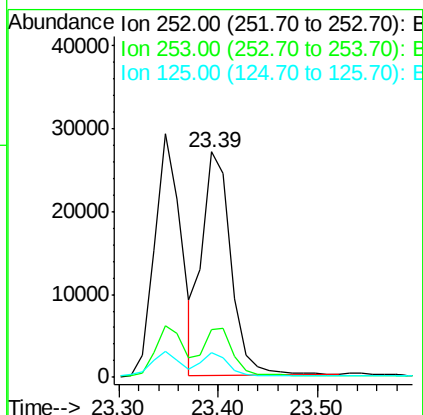
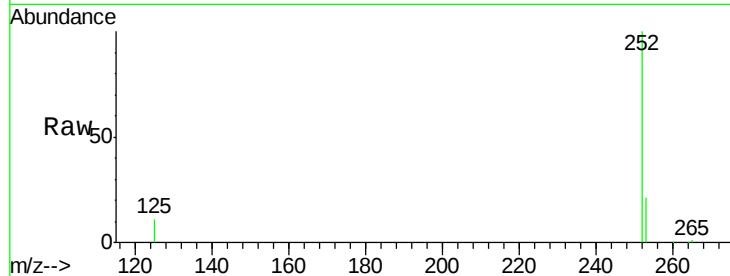




#33
Benzo(k)fluoranthene
Concen: 3.89 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

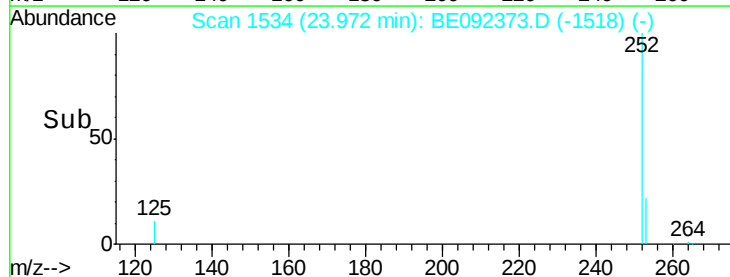
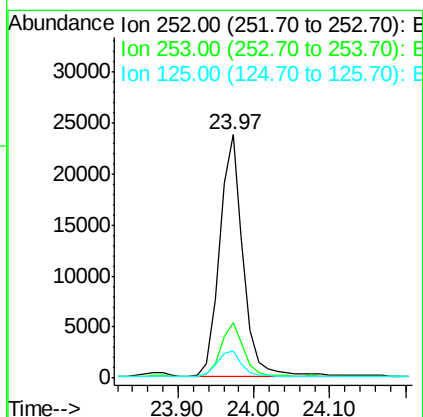
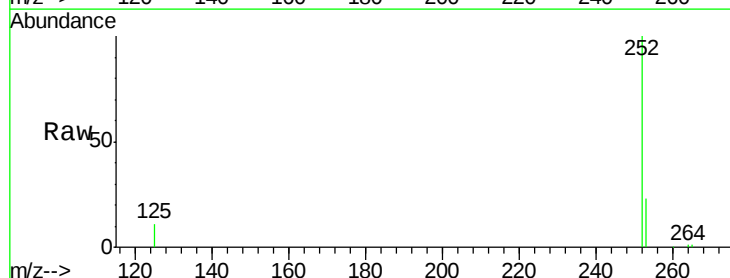
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 53923
Ion Ratio Lower Upper
252 100
253 21.1 20.3 30.5
125 11.0 9.6 14.4



#34
Benzo(a)pyrene
Concen: 3.97 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BE092373.D
Acq: 12 Sep 2016 15:57

Tgt Ion:252 Resp: 51248
Ion Ratio Lower Upper
252 100
253 22.7 19.0 28.6
125 11.3 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 4.32 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

Instrument :

BNA_E

ClientSampleId :

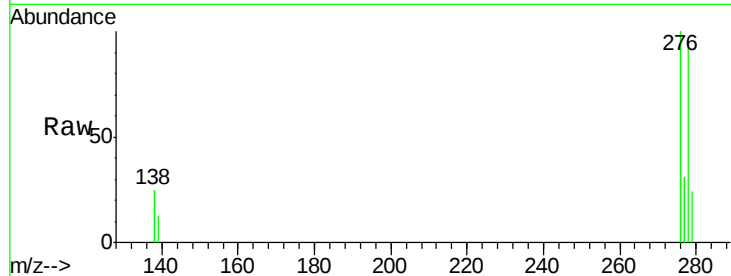
Tot Ion:278 Resp: 51684

Ion Ratio Lower Upper

278 100

139 13.6 13.8 20.8#

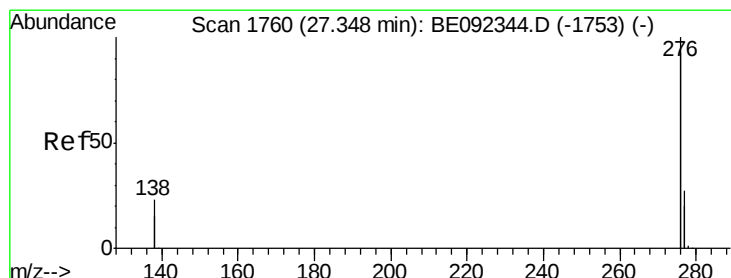
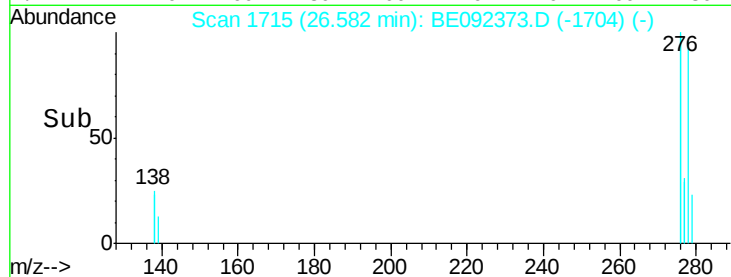
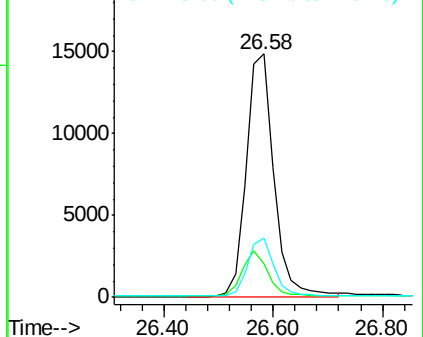
279 24.6 21.4 32.2



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: 4.28 ng

RT: 27.31 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BE092373.D

Acq: 12 Sep 2016 15:57

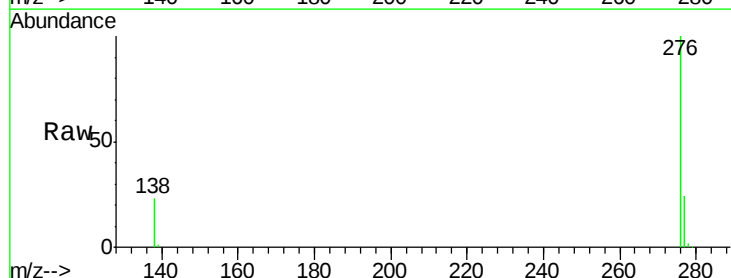
Tgt Ion:276 Resp: 215444

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 22.7 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

