

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081916\
 Data File : BE092272.D
 Acq On : 19 Aug 2016 16:22
 Operator : UM/SJ
 Sample : PB92976BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92976BSD

Quant Time: Aug 22 00:54:23 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	13197	5.00	ng	0.02
7) Naphthalene-d8	10.97	136	55470	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	27587	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	60785	5.00	ng	0.02
24) Chrysene-d12	21.75	240	56521	5.00	ng	0.00
31) Perylene-d12	24.13	264	65254	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	24597	8.52	ng	0.00
5) Phenol-d6	7.36	99	31353	7.55	ng	0.00
8) Nitrobenzene-d5	9.34	82	14699	3.75	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	6421	6.02	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	31566	3.70	ng	-0.01
26) Terphenyl-d14	20.19	244	33884	3.55	ng	0.00

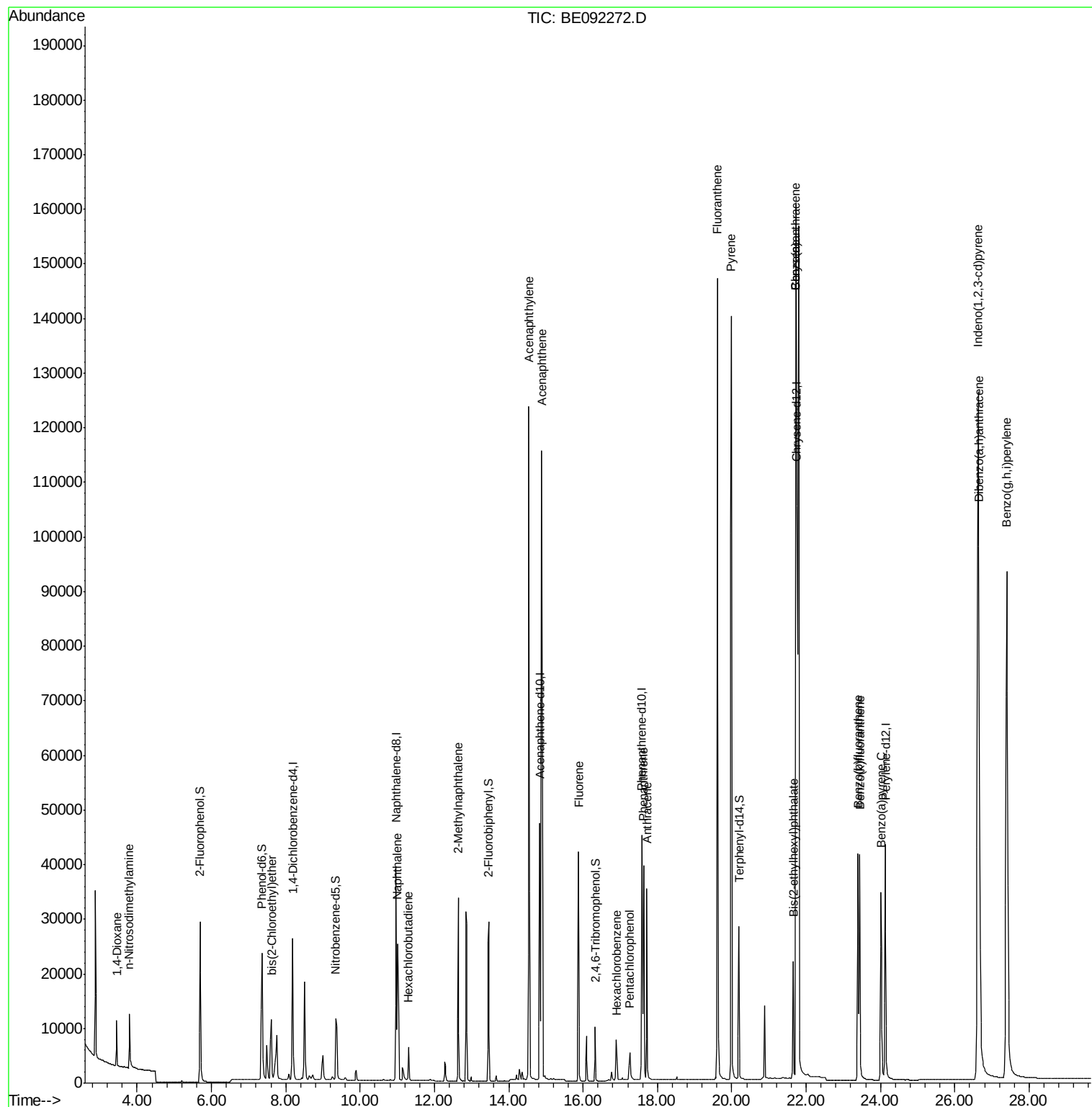
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	4623	3.09	ng	# 85
3) n-Nitrosodimethylamine	3.79	42	8145	3.39	ng	# 98
6) bis(2-Chloroethyl)ether	7.61	93	11906	3.54	ng	# 33
9) Naphthalene	11.01	128	40016	3.22	ng	# 95
10) Hexachlorobutadiene	11.30	225	6049	3.37	ng	99
11) 2-Methylnaphthalene	12.64	142	27155	3.50	ng	94
15) Acenaphthylene	14.54	152	160540	3.36	ng	99
16) Acenaphthene	14.88	154	23864	3.12	ng	94
17) Fluorene	15.88	166	30378	3.28	ng	99
19) Hexachlorobenzene	16.91	284	7917	3.28	ng	# 100
20) Pentachlorophenol	17.26	266	5410	7.22	ng	# 81
21) Phenanthrene	17.63	178	48774	3.10	ng	100
22) Anthracene	17.72	178	45978	3.24	ng	99
23) Fluoranthene	19.61	202	202046	3.24	ng	99
25) Pyrene	19.99	202	210646	3.15	ng	99
27) Benzo(a)anthracene	21.72	228	254874	3.76	ng	# 67
28) Chrysene	21.72	228	254874	4.07	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.66	149	23383	2.21	ng	# 93
30) Indeno(1,2,3-cd)pyrene	26.63	276	271404	4.02	ng	99
32) Benzo(b)fluoranthene	23.39	252	59610	3.48	ng	# 95
33) Benzo(k)fluoranthene	23.44	252	57501	3.33	ng	# 95
34) Benzo(a)pyrene	24.02	252	57045	3.53	ng	# 93
35) Dibenzo(a,h)anthracene	26.65	278	56288	3.75	ng	93
36) Benzo(g,h,i)perylene	27.40	276	235454	3.64	ng	95

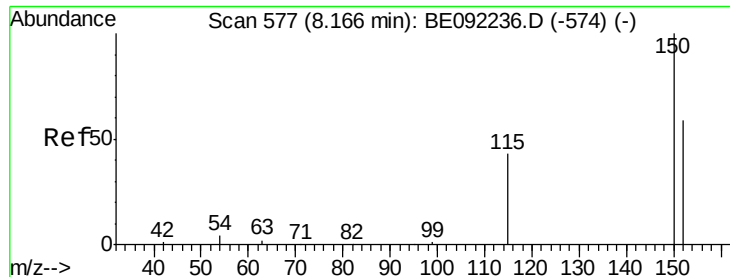
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. 0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

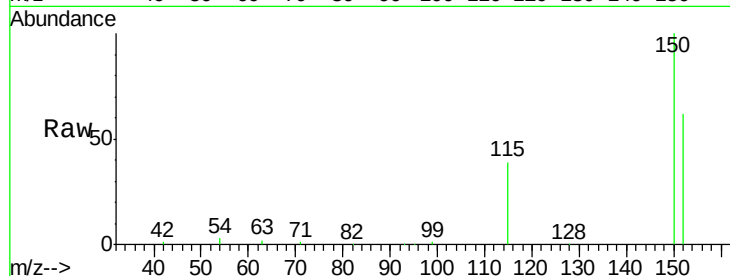
Tgt Ion:152 Resp: 13197

Ion Ratio Lower Upper

152 100

150 161.7 135.6 203.4

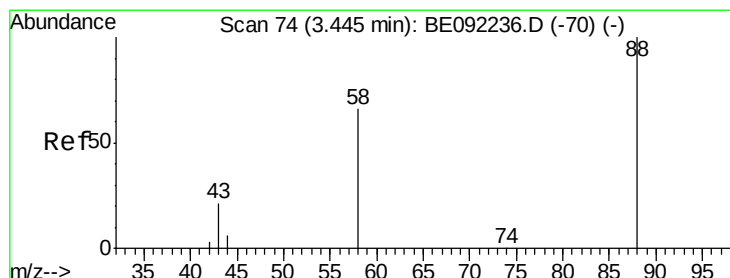
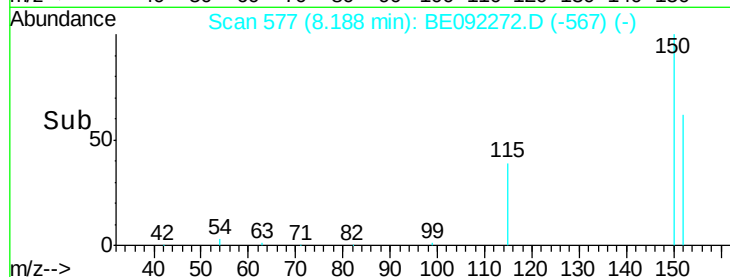
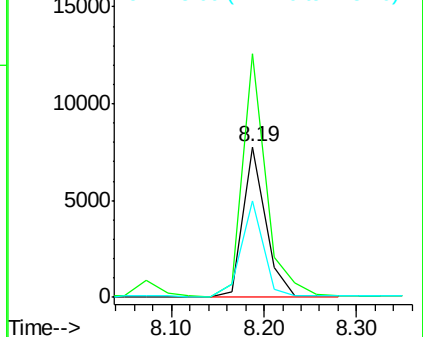
115 63.7 59.4 89.0



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: 3.09 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

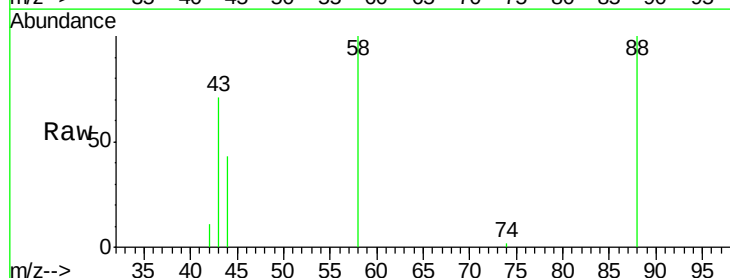
Tgt Ion: 88 Resp: 4623

Ion Ratio Lower Upper

88 100

58 91.4 64.4 96.6

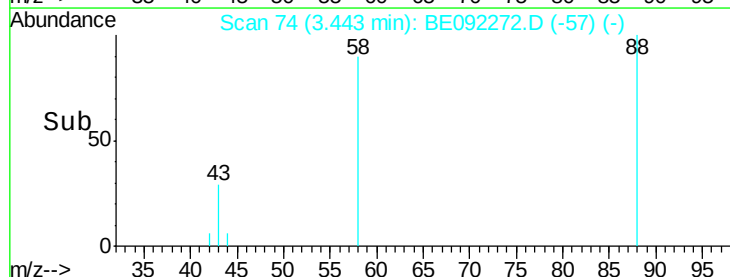
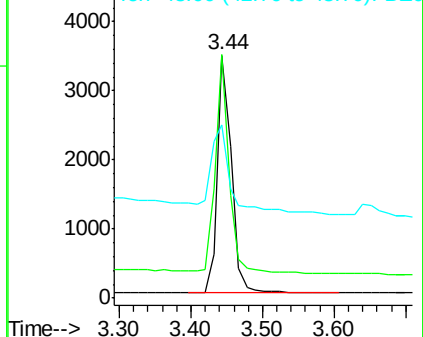
43 54.6 33.4 50.2#

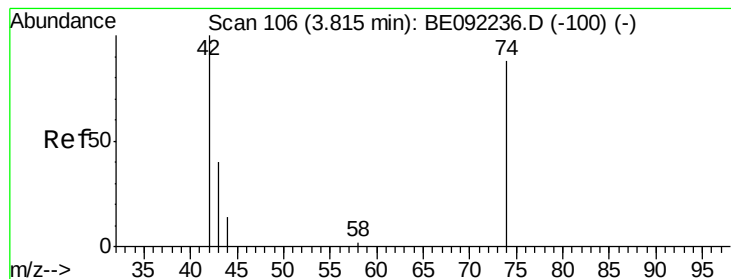


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.39 ng

RT: 3.79 min Scan# 104

Delta R.T. -0.02 min

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Instrument :

BNA_E

ClientSampleId :

PB92976BSD

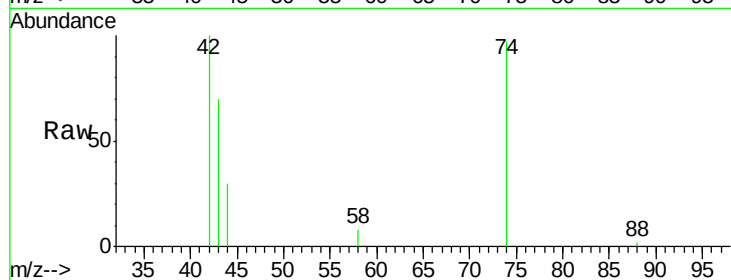
Tgt Ion: 42 Resp: 8145

Ion Ratio Lower Upper

42 100

74 97.5 77.2 115.8

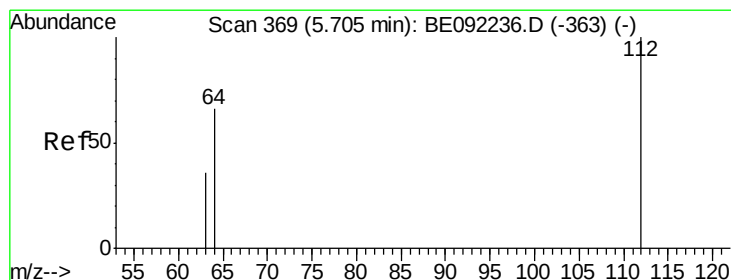
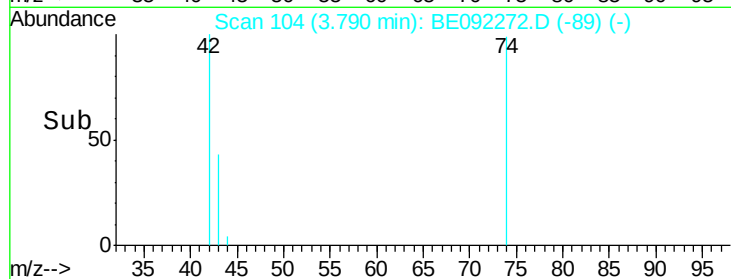
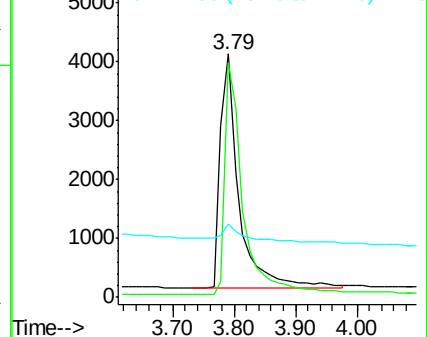
44 10.6 5.0 7.4#



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: 8.52 ng

RT: 5.70 min Scan# 368

Delta R.T. -0.01 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

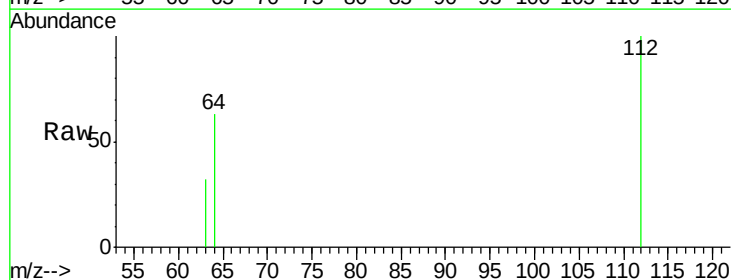
Tgt Ion: 112 Resp: 24597

Ion Ratio Lower Upper

112 100

64 67.5 53.2 79.8

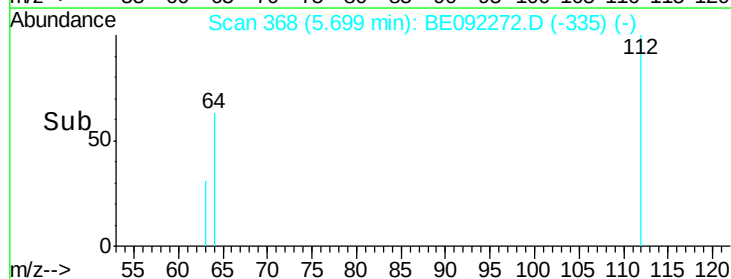
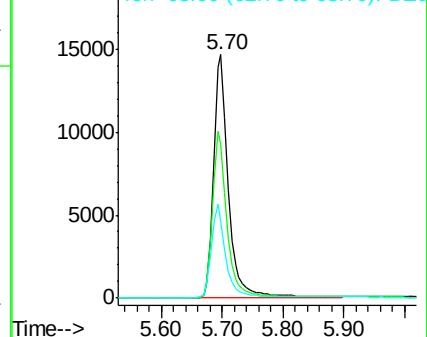
63 37.0 27.4 41.2

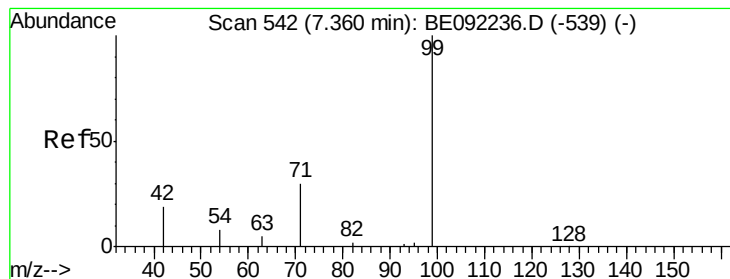


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.55 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

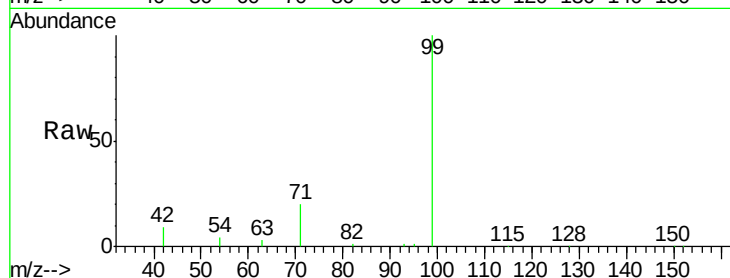
Tgt Ion: 99 Resp: 31353

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

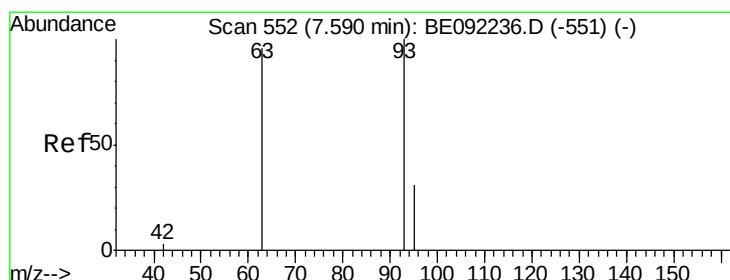
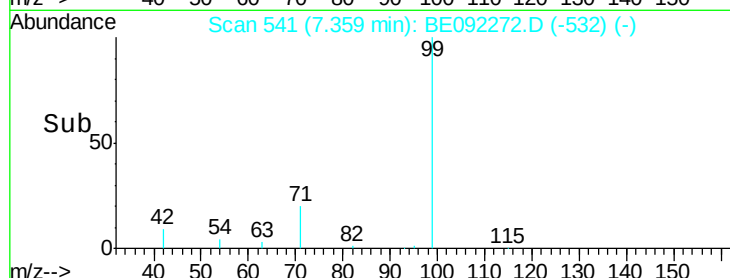
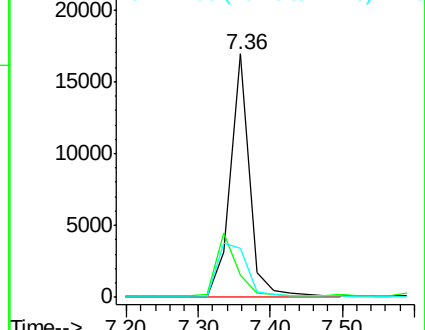
71 0.0 29.8 44.8#



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: 3.54 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

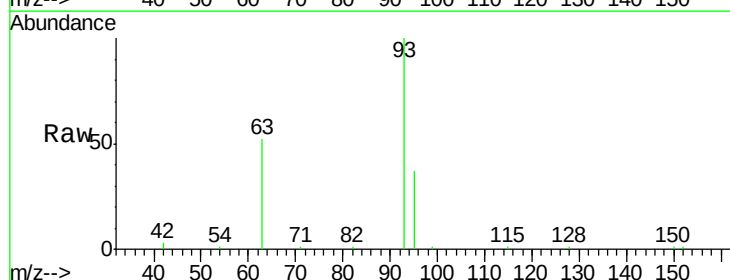
Tgt Ion: 93 Resp: 11906

Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

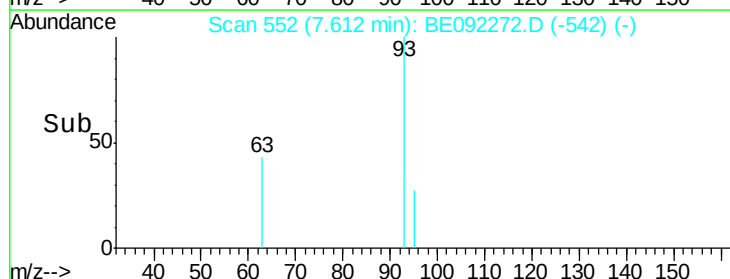
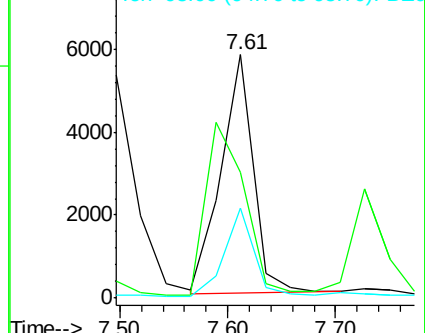
95 33.2 27.2 40.8

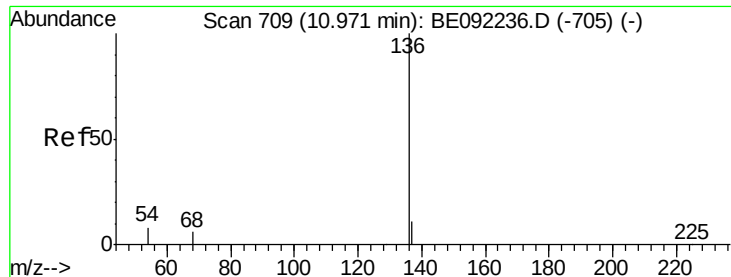


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

Tgt Ion:136 Resp: 55470

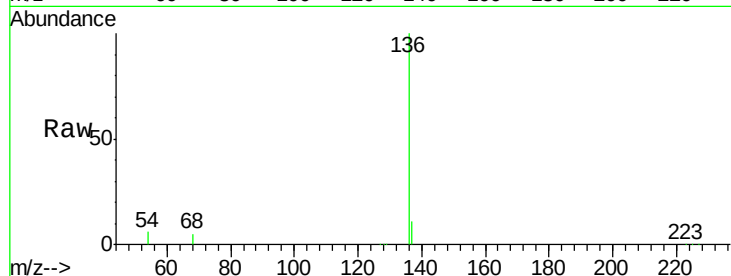
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 6.3 6.2 9.4

68 4.7 4.6 6.8

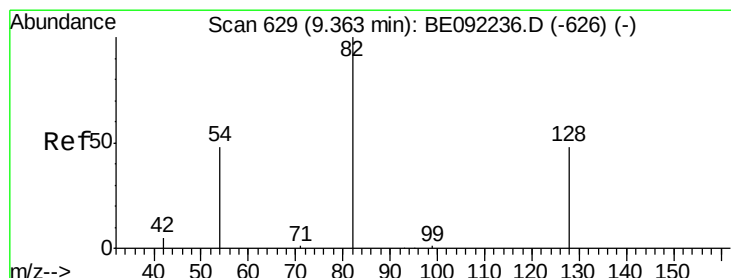
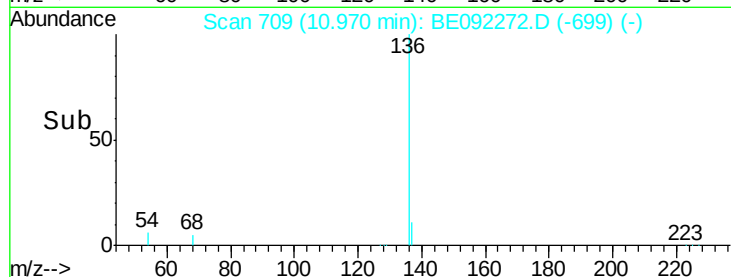
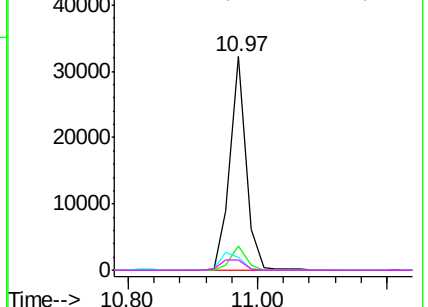


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.75 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

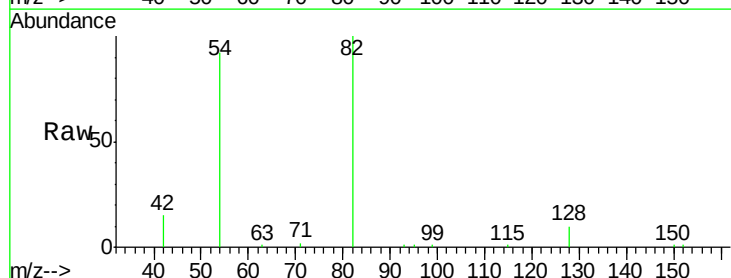
Tgt Ion: 82 Resp: 14699

Ion Ratio Lower Upper

82 100

128 9.9 45.0 67.4#

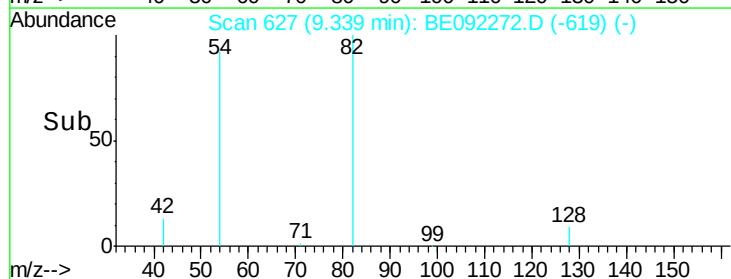
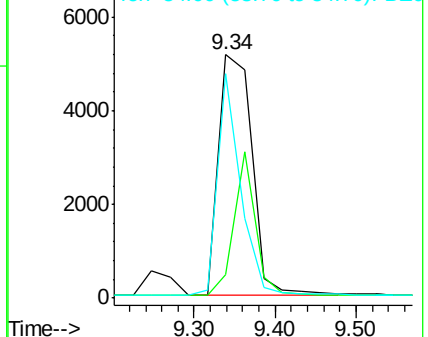
54 92.1 45.4 68.2#

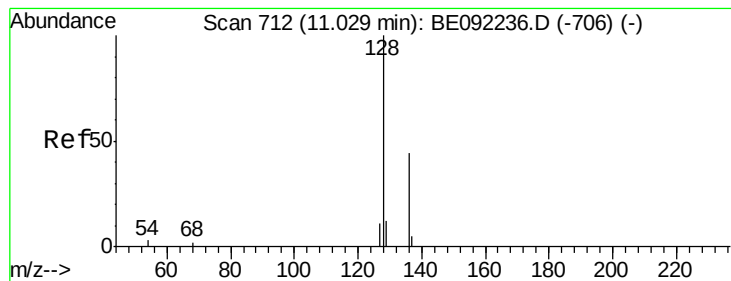


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.22 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

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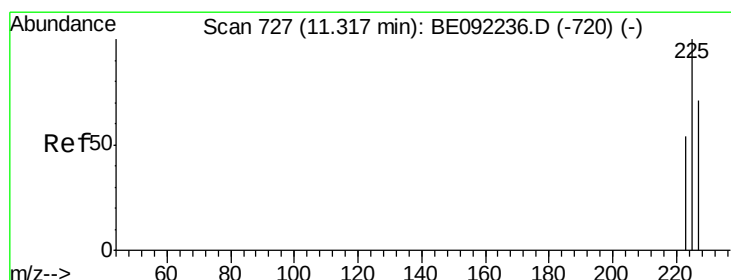
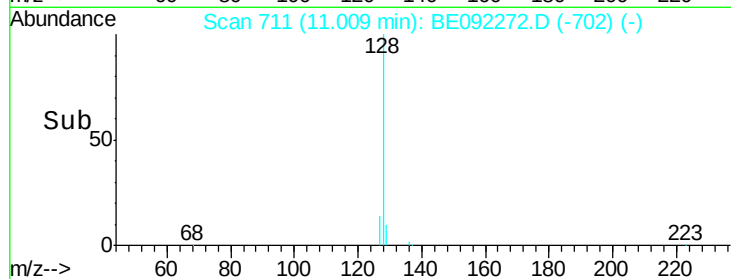
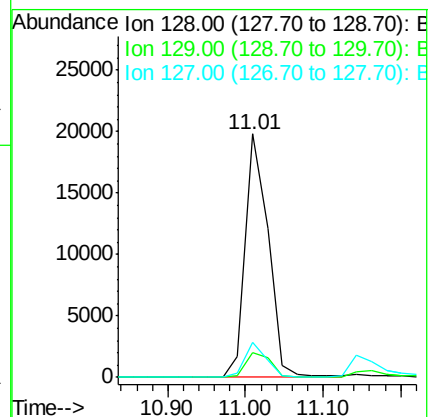
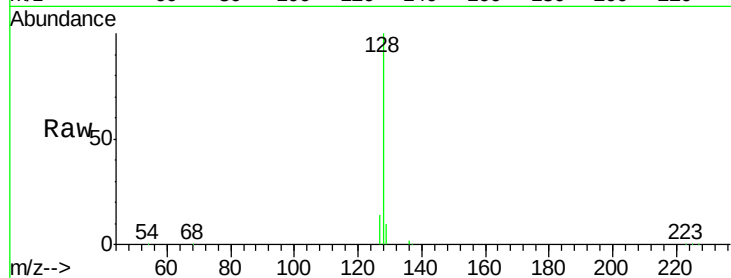
Tgt Ion:128 Resp: 40016

Ion Ratio Lower Upper

128 100

129 10.4 11.5 17.3#

127 14.2 11.0 16.6



#10

Hexachlorobutadiene

Concen: 3.37 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

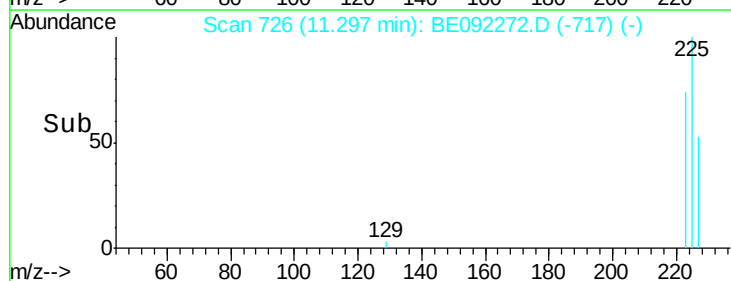
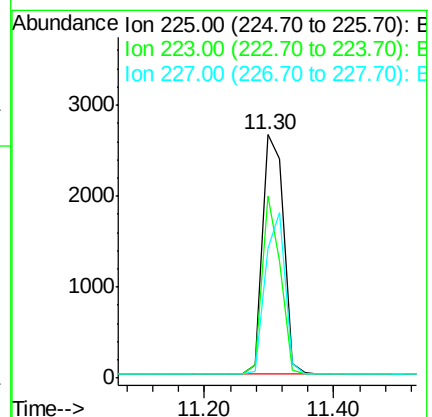
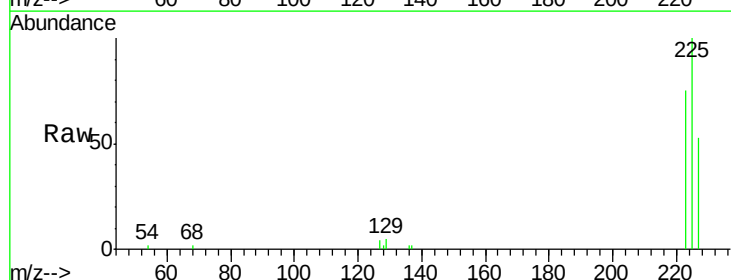
Tgt Ion:225 Resp: 6049

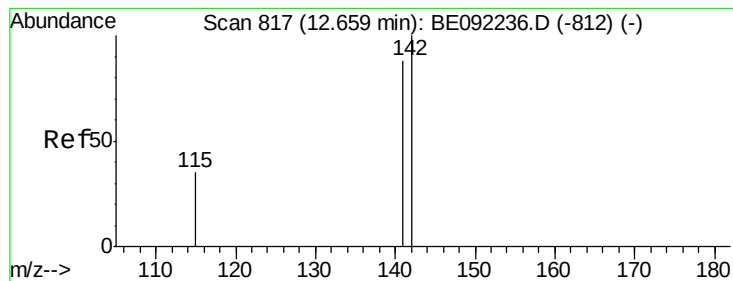
Ion Ratio Lower Upper

225 100

223 64.0 52.2 78.4

227 63.5 51.0 76.6





#11

2-Methylnaphthalene

Concen: 3.50 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

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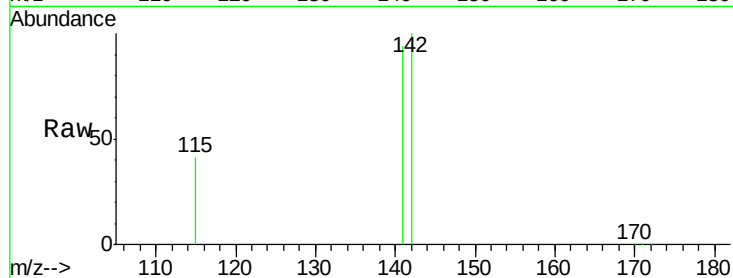
Tgt Ion:142 Resp: 27155

Ion Ratio Lower Upper

142 100

141 94.2 70.6 105.8

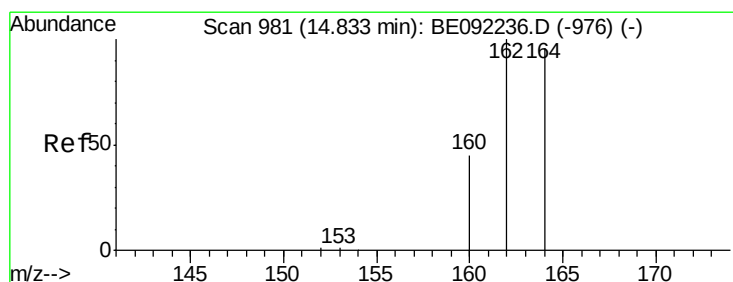
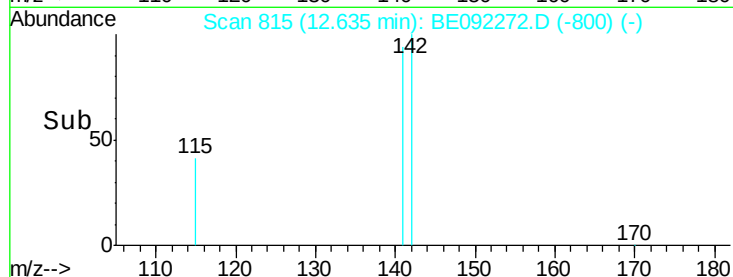
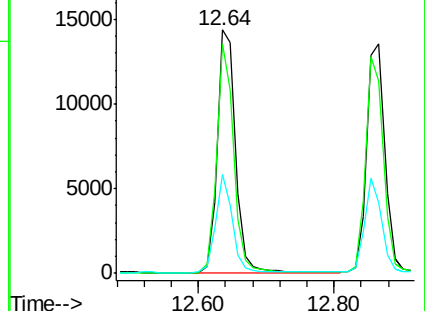
115 40.9 31.0 46.4



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: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

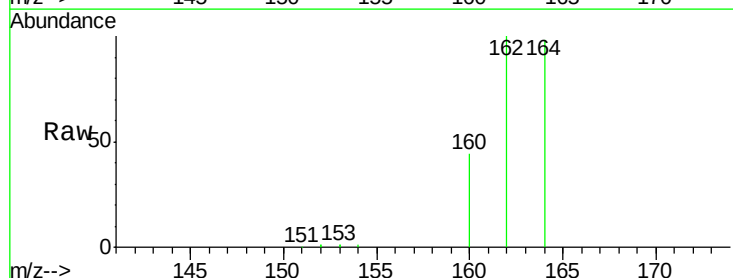
Tgt Ion:164 Resp: 27587

Ion Ratio Lower Upper

164 100

162 102.4 83.3 124.9

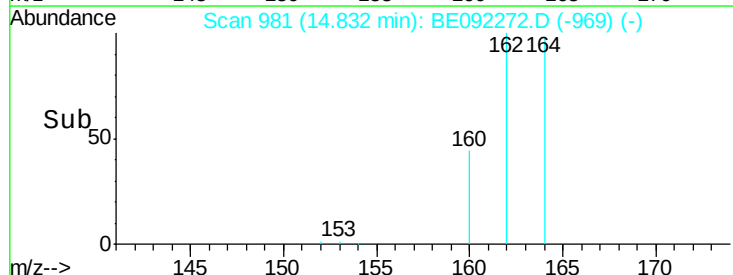
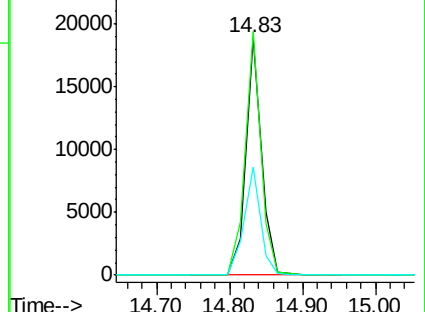
160 45.4 38.0 57.0

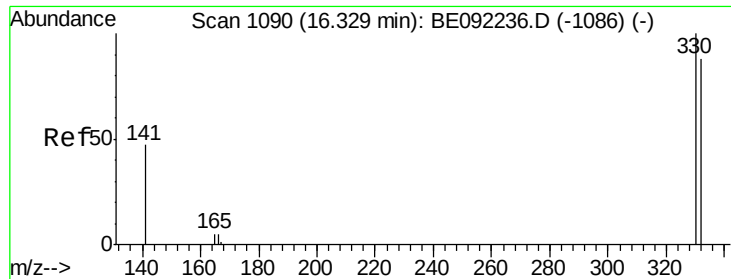


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

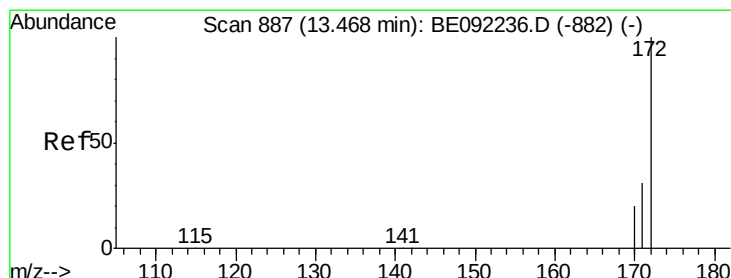
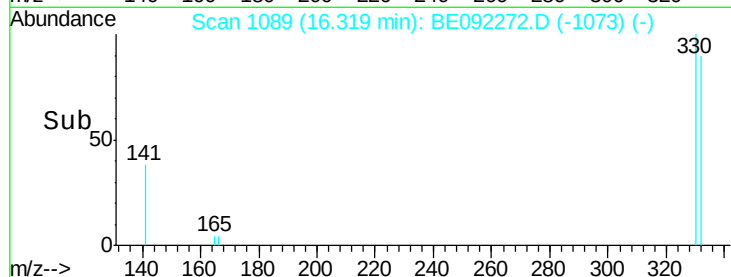
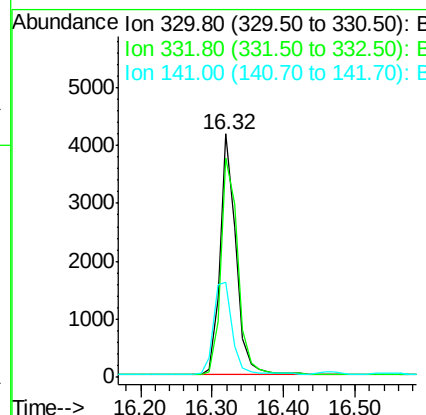
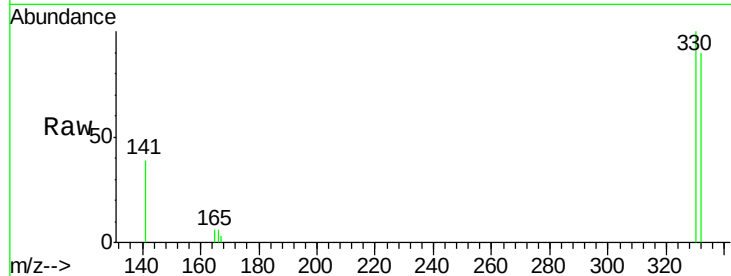




#13
 2,4,6-Tribromophenol
 Concen: 6.02 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BE092272.D
 Acq: 19 Aug 2016 16:22

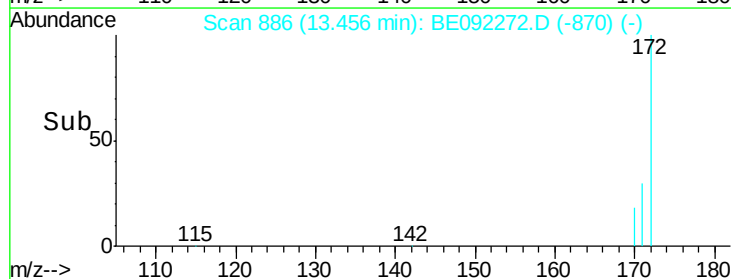
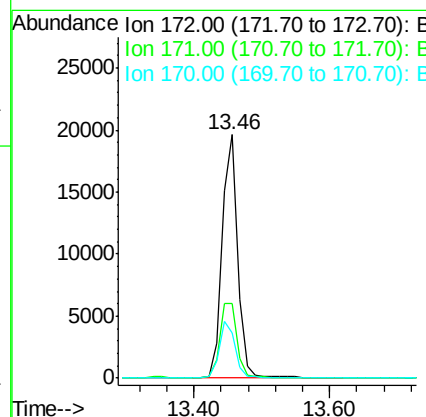
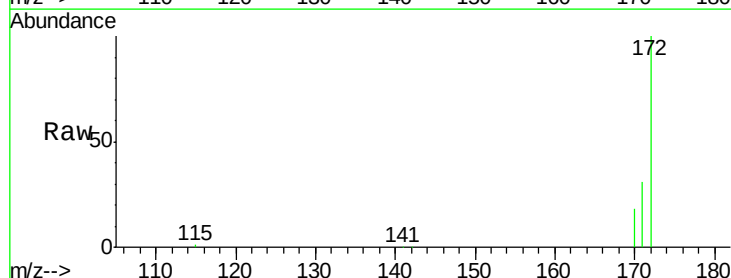
Instrument :
 BNA_E
 ClientSampleId :
 PB92976BSD

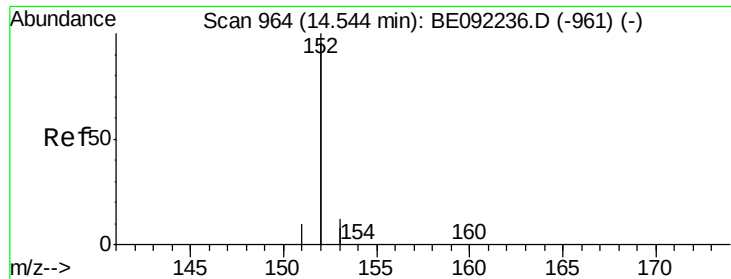
Tgt Ion: 330 Resp: 6421
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 45.2 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.70 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092272.D
 Acq: 19 Aug 2016 16:22

Tgt Ion: 172 Resp: 31566
 Ion Ratio Lower Upper
 172 100
 171 30.6 26.8 40.2
 170 18.5 17.8 26.6





#15

Acenaphthylene

Concen: 3.36 ng

RT: 14.54 min Scan# 964

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

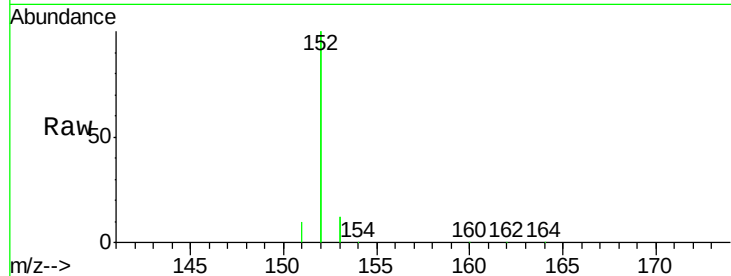
Tgt Ion:152 Resp: 160540

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

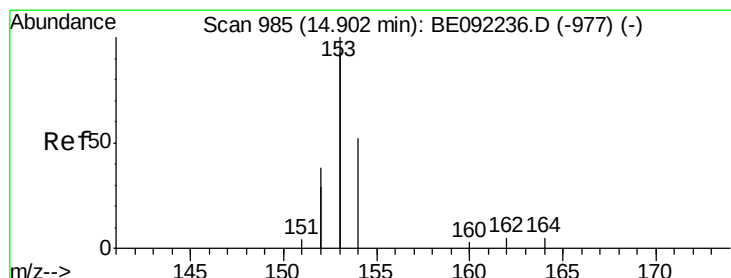
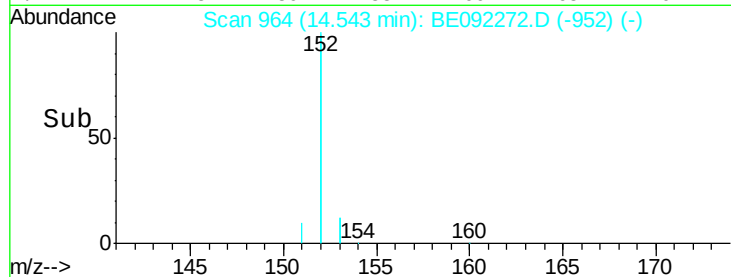
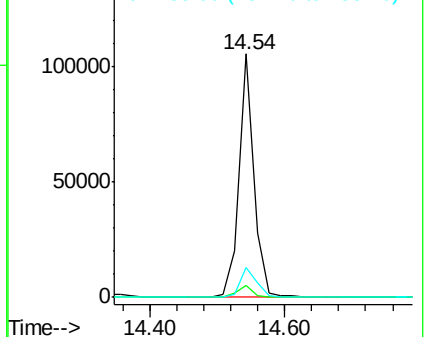
153 13.0 10.2 15.2



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: 3.12 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

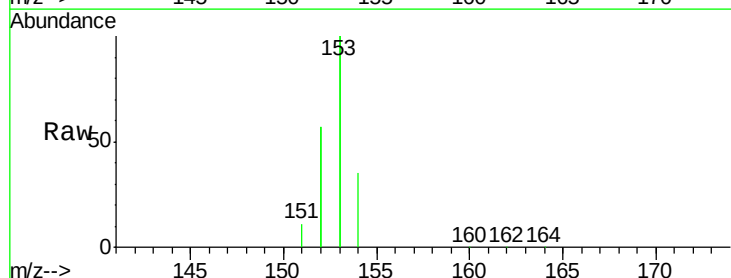
Tgt Ion:154 Resp: 23864

Ion Ratio Lower Upper

154 100

153 462.7 355.0 532.4

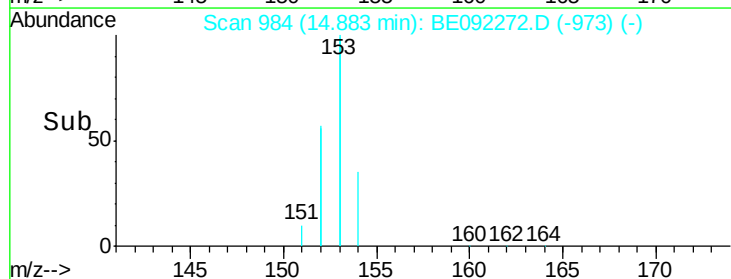
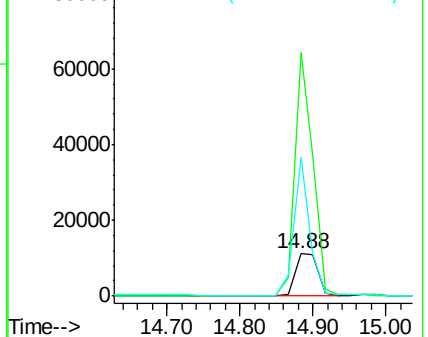
152 230.3 179.7 269.5

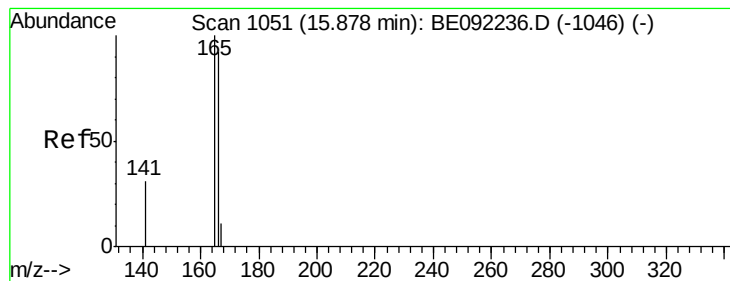


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 3.28 ng

RT: 15.88 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

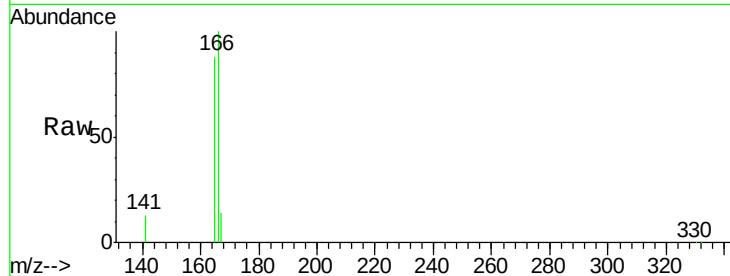
Tgt Ion:166 Resp: 30378

Ion Ratio Lower Upper

166 100

165 99.0 80.1 120.1

167 13.3 10.6 16.0



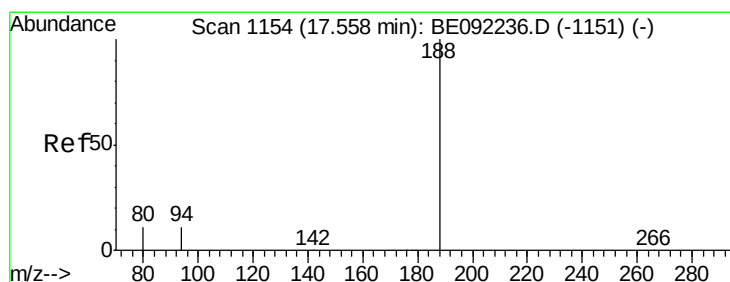
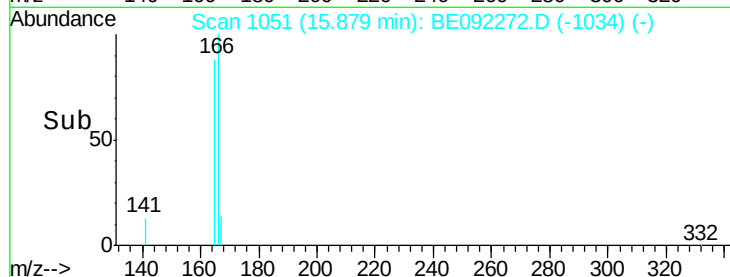
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.88

Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

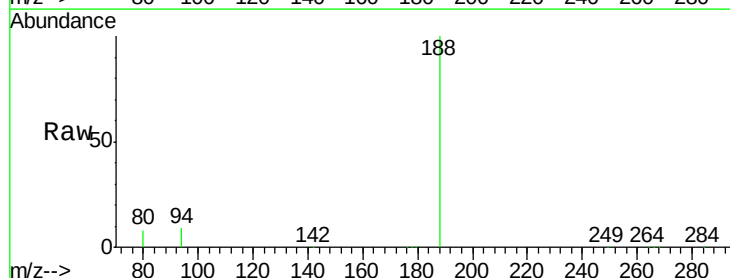
Tgt Ion:188 Resp: 60785

Ion Ratio Lower Upper

188 100

94 8.8 9.2 13.8#

80 8.2 9.1 13.7#



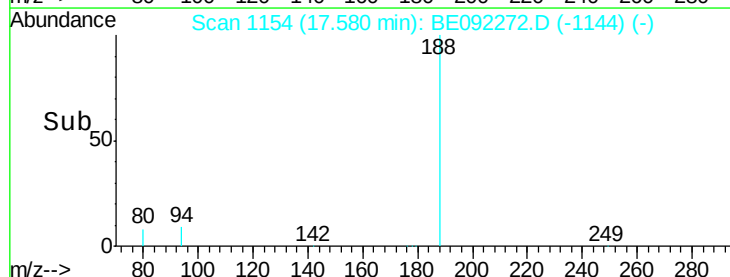
Abundance Ion 188.00 (187.70 to 188.70): E

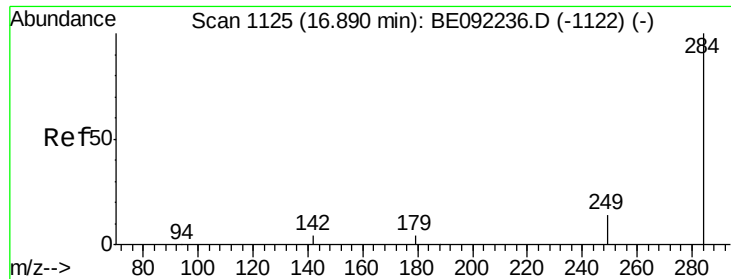
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

17.58

Time-->

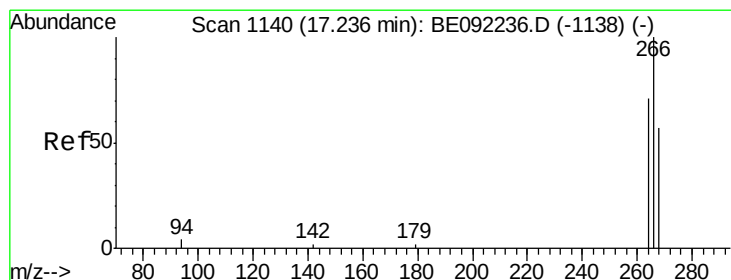
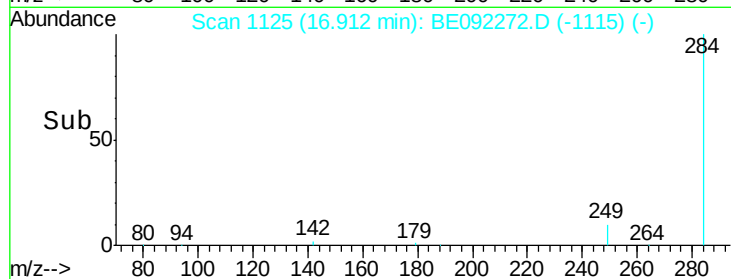
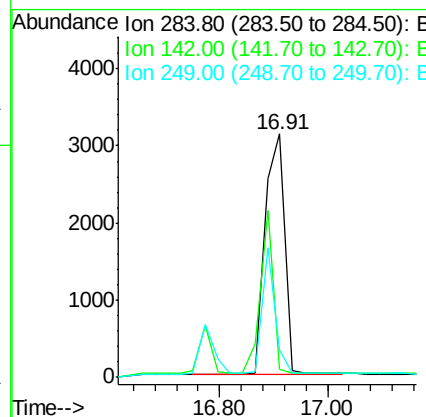
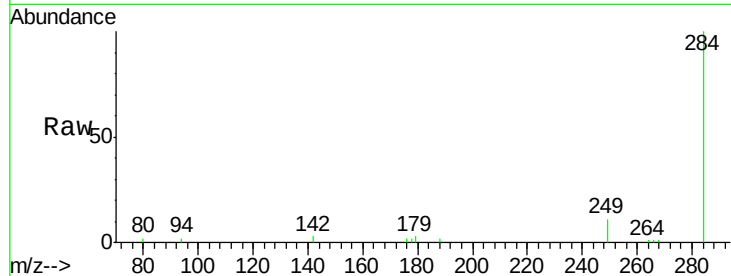




#19
Hexachlorobenzene
Concen: 3.28 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BE092272.D
Acq: 19 Aug 2016 16:22

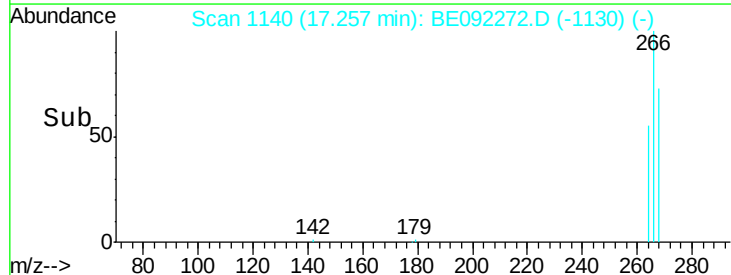
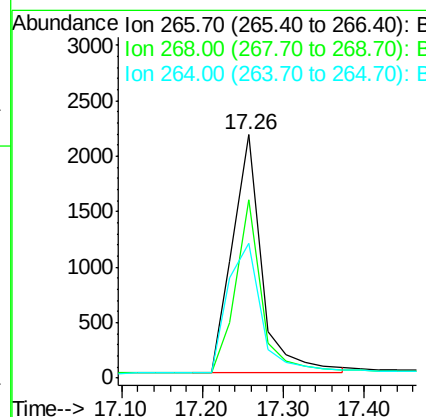
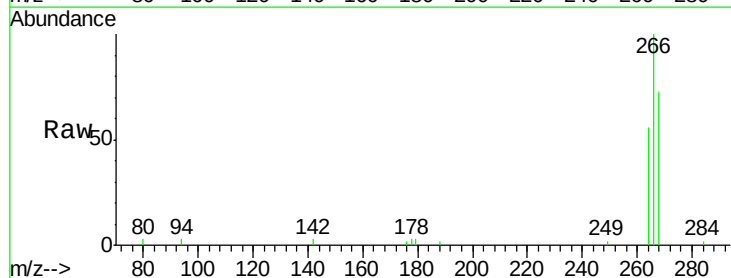
Instrument :
BNA_E
ClientSampleId :
PB92976BSD

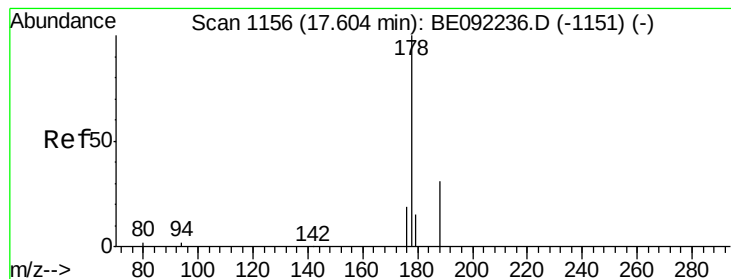
Tgt Ion: 284 Resp: 7917
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#20
Pentachlorophenol
Concen: 7.22 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092272.D
Acq: 19 Aug 2016 16:22

Tgt Ion: 266 Resp: 5410
Ion Ratio Lower Upper
266 100
268 73.3 62.3 93.5
264 55.5 67.4 101.0#





#21

Phenanthrene

Concen: 3.10 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

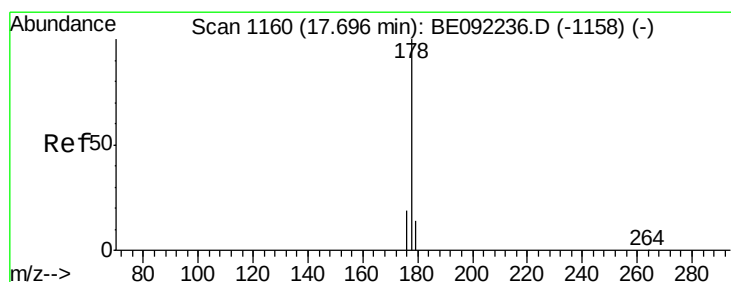
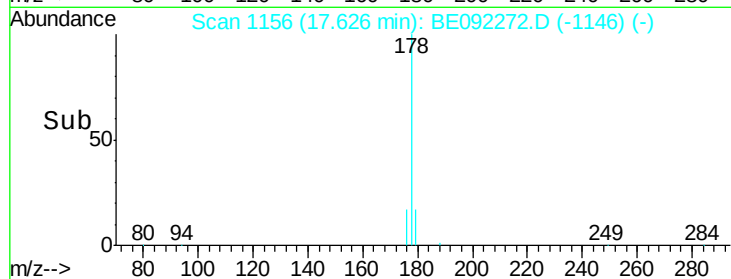
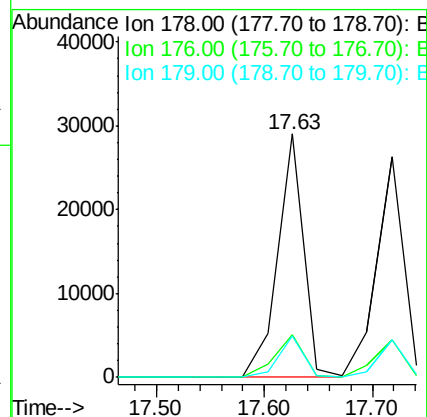
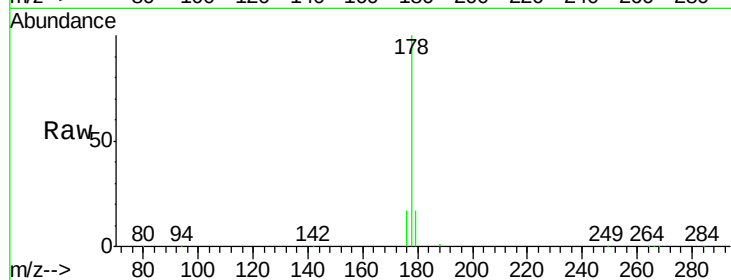
Tgt Ion:178 Resp: 48774

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 16.0 12.9 19.3



#22

Anthracene

Concen: 3.24 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

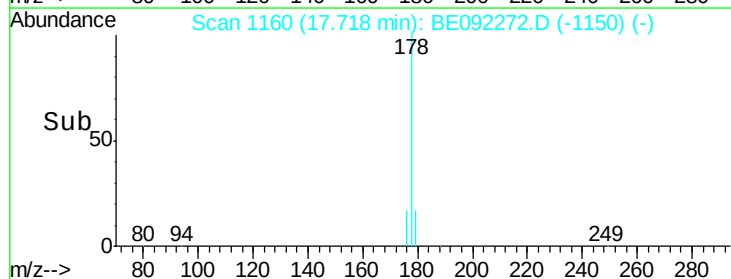
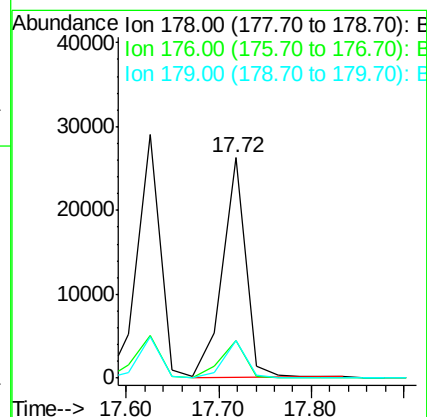
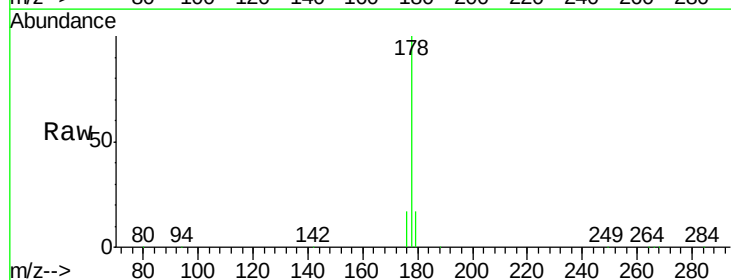
Tgt Ion:178 Resp: 45978

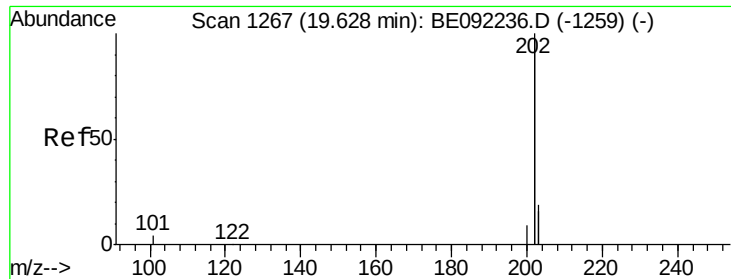
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.8 12.0 18.0





#23

Fluoranthene

Concen: 3.24 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

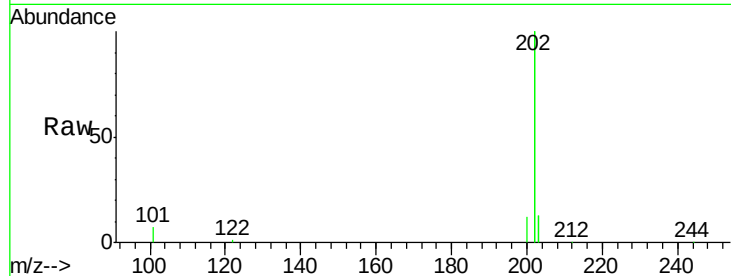
Tgt Ion:202 Resp: 202046

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

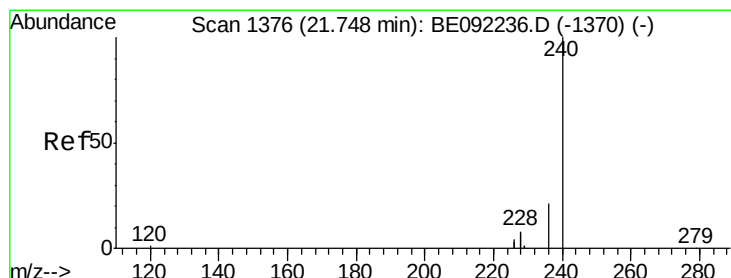
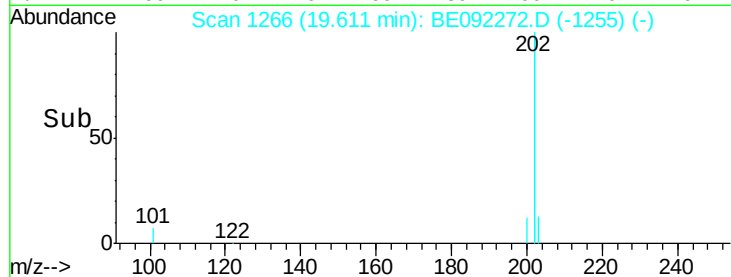
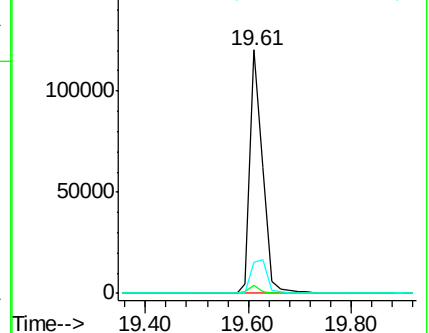
203 17.5 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

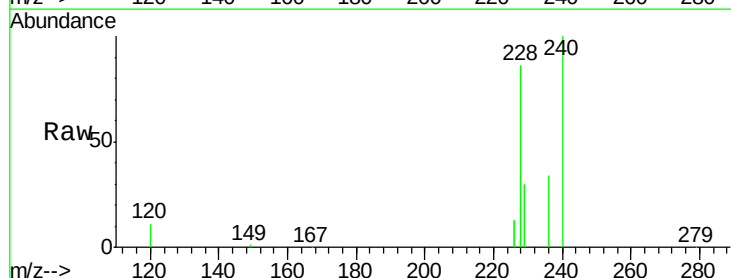
Tgt Ion:240 Resp: 56521

Ion Ratio Lower Upper

240 100

120 11.4 1.2 1.8#

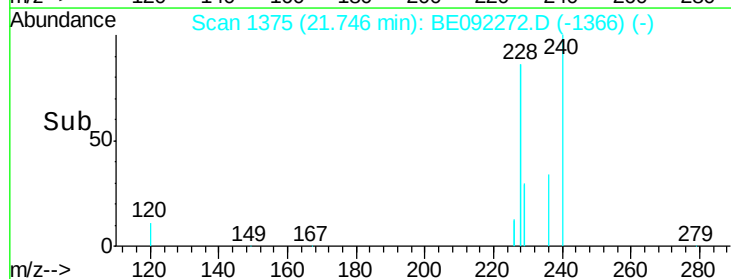
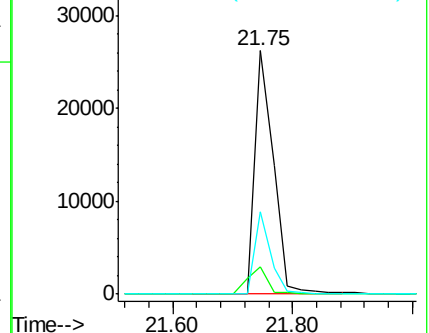
236 33.9 17.1 25.7#

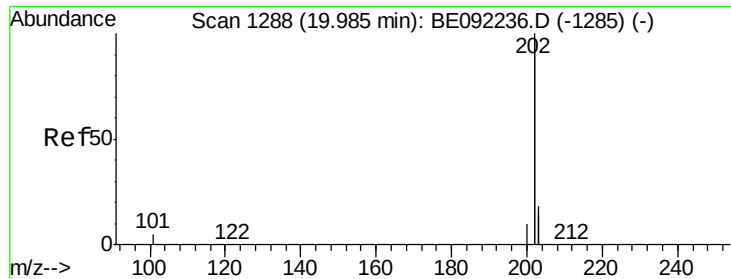


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

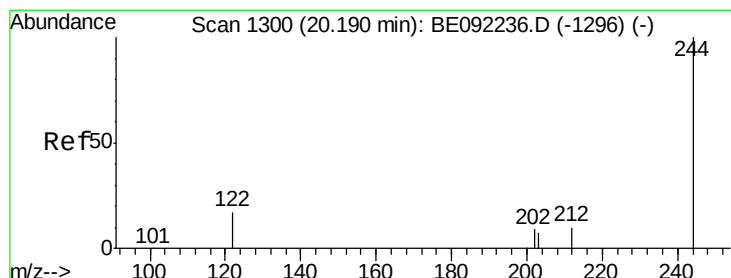
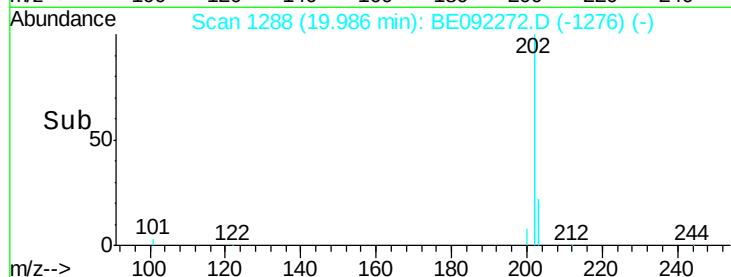
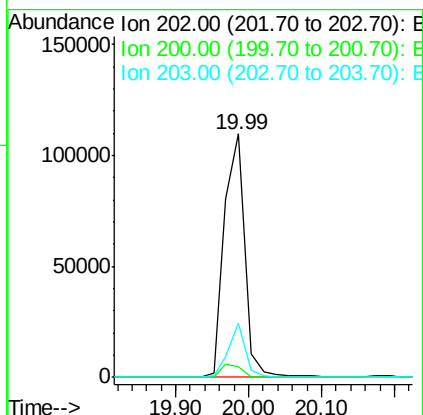
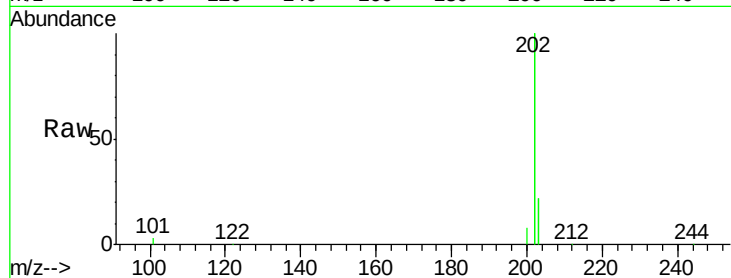




#25
 Pyrene
 Concen: 3.15 ng
 RT: 19.99 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BE092272.D
 Acq: 19 Aug 2016 16:22

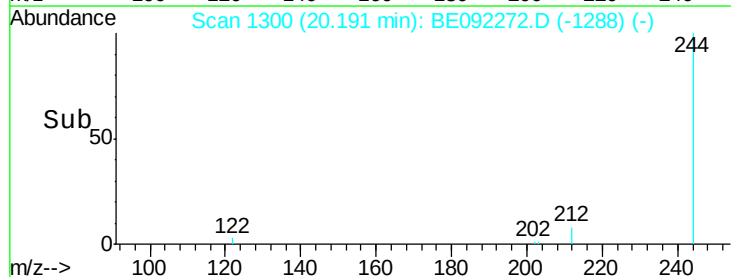
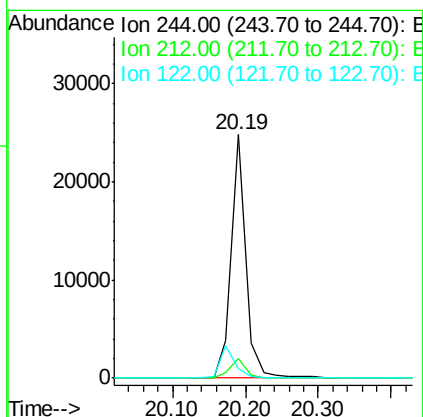
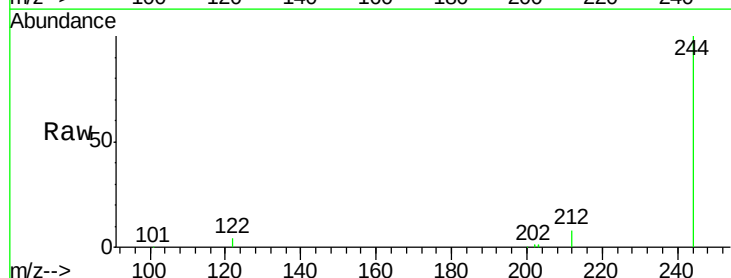
Instrument :
 BNA_E
 ClientSampleId :
 PB92976BSD

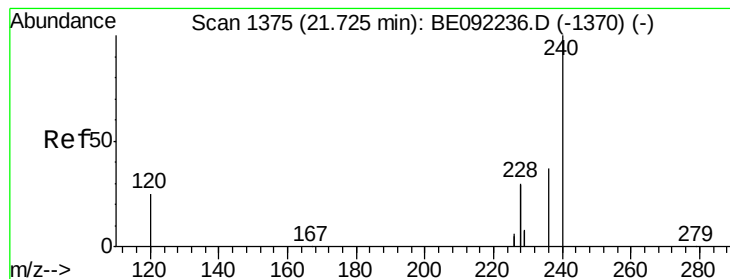
Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	18.3	14.0	21.0



#26
 Terphenyl-d14
 Concen: 3.55 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092272.D
 Acq: 19 Aug 2016 16:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.2	15.2#
122	3.8	15.9	23.9#





#27

Benzo(a)anthracene

Concen: 3.76 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

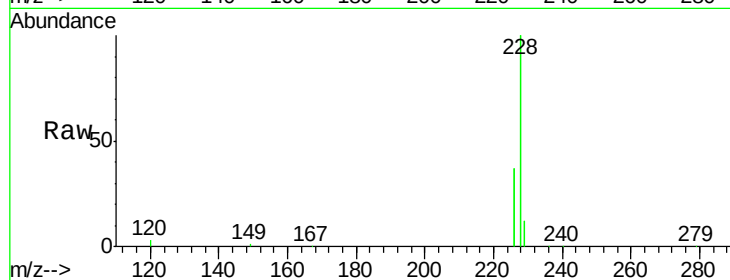
Tgt Ion:228 Resp: 254874

Ion Ratio Lower Upper

228 100

226 37.2 15.9 23.9#

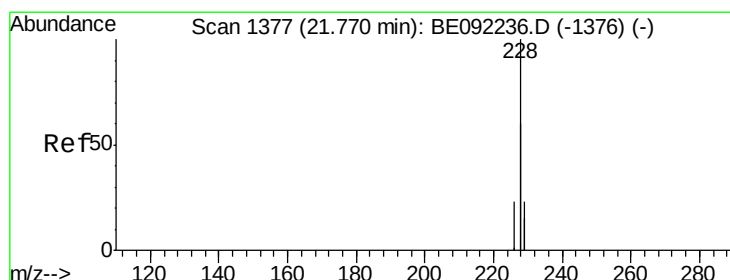
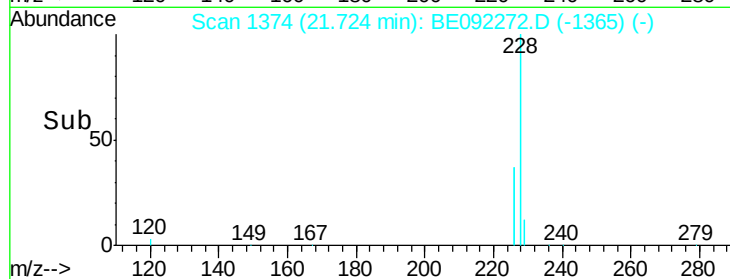
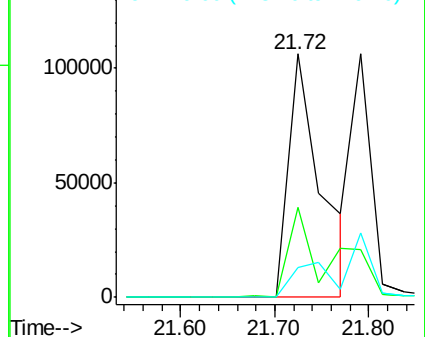
229 12.4 22.4 33.6#



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: 4.07 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.05 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

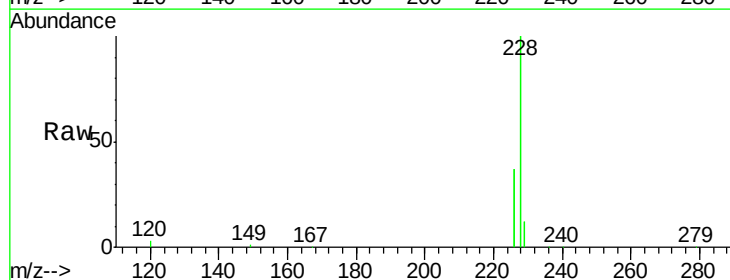
Tgt Ion:228 Resp: 254874

Ion Ratio Lower Upper

228 100

226 37.2 18.3 27.5#

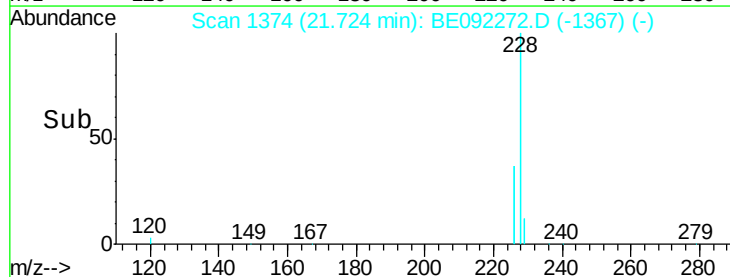
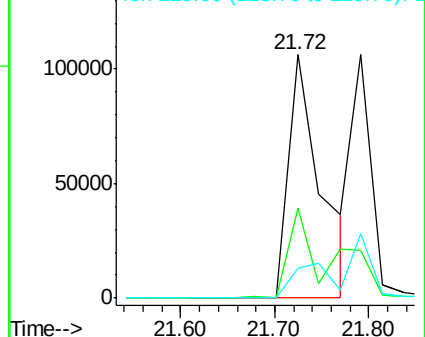
229 12.4 18.6 27.8#

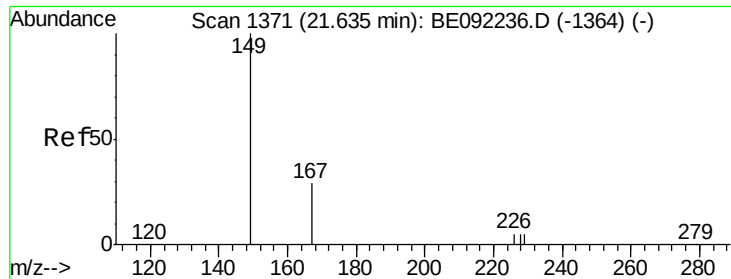


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 2.21 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

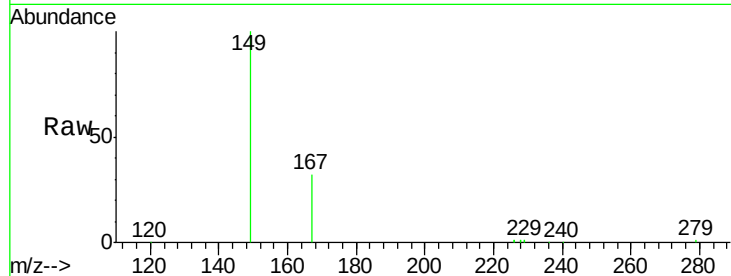
Tgt Ion:149 Resp: 23383

Ion Ratio Lower Upper

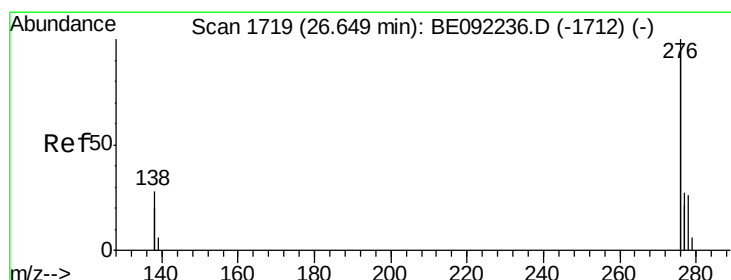
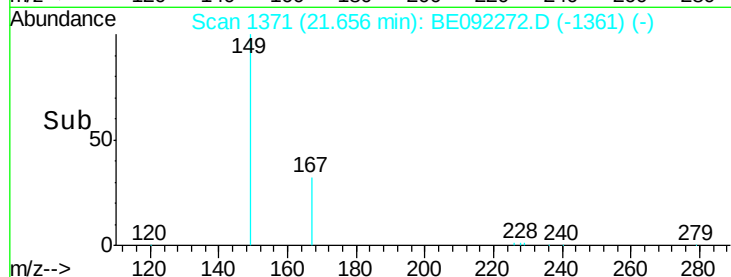
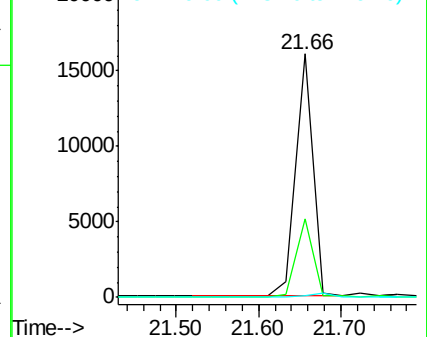
149 100

167 31.1 22.1 33.1

279 0.0 0.0 0.0



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: 4.02 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

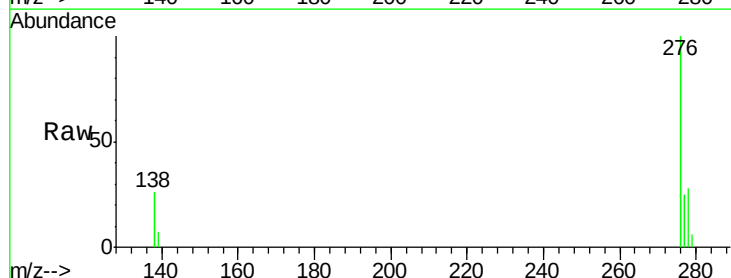
Tgt Ion:276 Resp: 271404

Ion Ratio Lower Upper

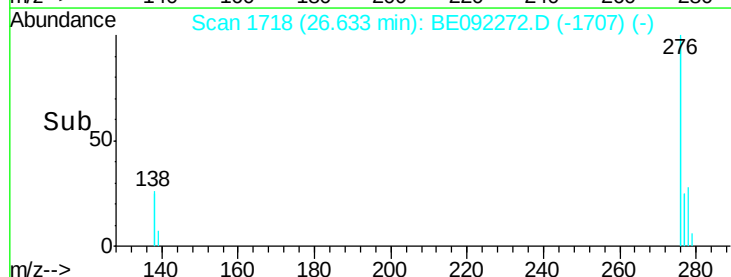
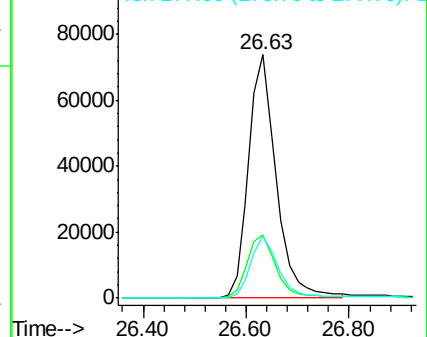
276 100

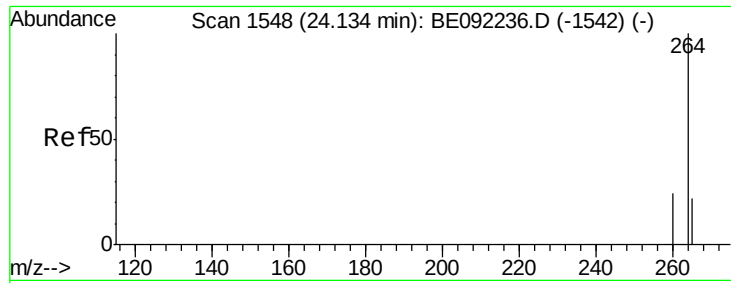
138 27.1 21.3 31.9

277 24.9 19.7 29.5



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

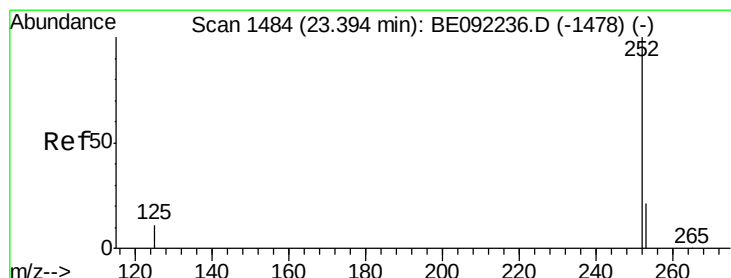
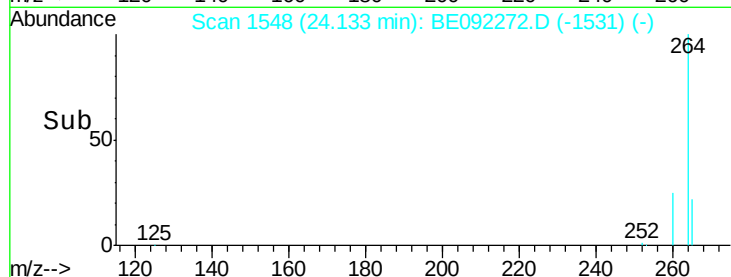
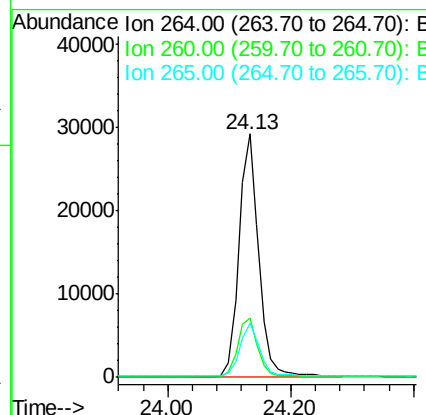
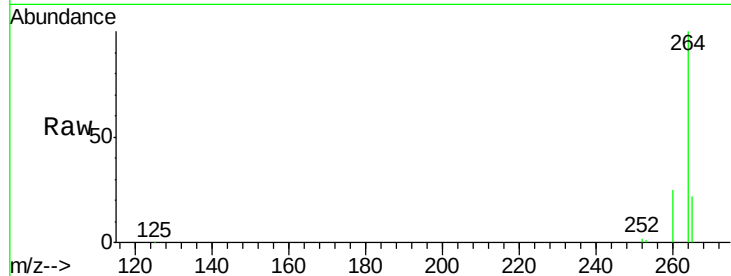




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092272.D
 Acq: 19 Aug 2016 16:22

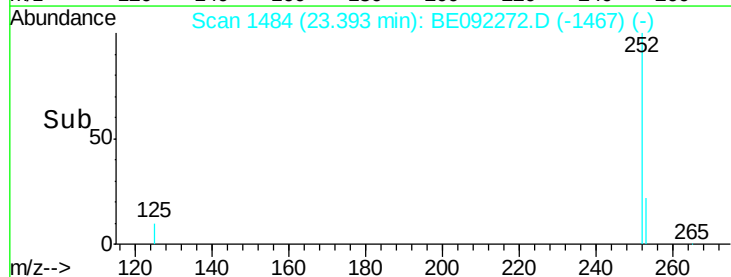
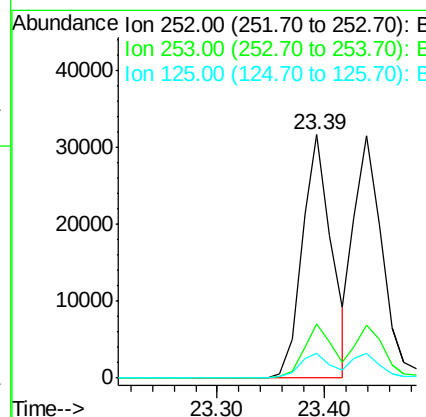
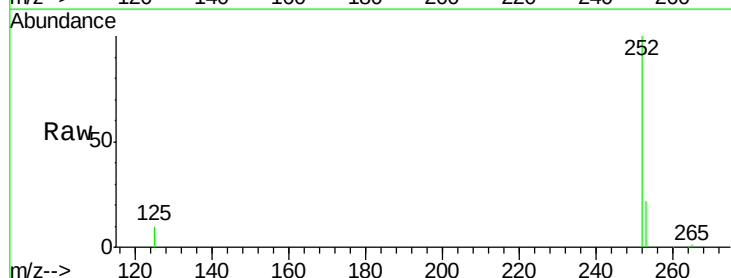
Instrument :
 BNA_E
 ClientSampleId :
 PB92976BSD

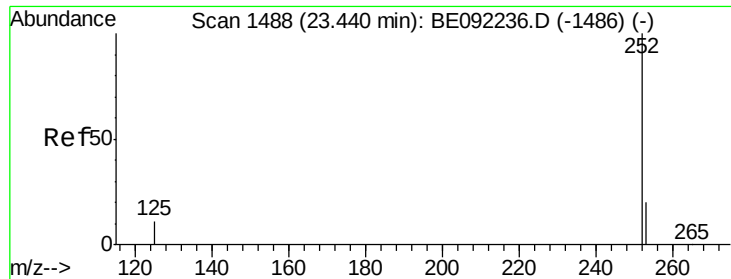
Tgt Ion: 264 Resp: 65254
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.4 18.2 27.4



#32
Benzo(b)fluoranthene
 Concen: 3.48 ng
 RT: 23.39 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BE092272.D
 Acq: 19 Aug 2016 16:22

Tgt Ion: 252 Resp: 59610
 Ion Ratio Lower Upper
 252 100
 253 22.2 19.0 28.4
 125 10.1 10.3 15.5#





#33

Benzo(k)fluoranthene

Concen: 3.33 ng

RT: 23.44 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

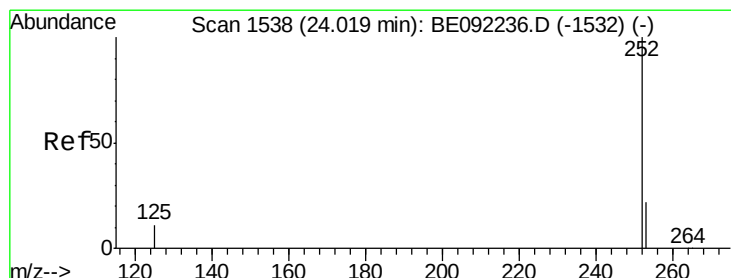
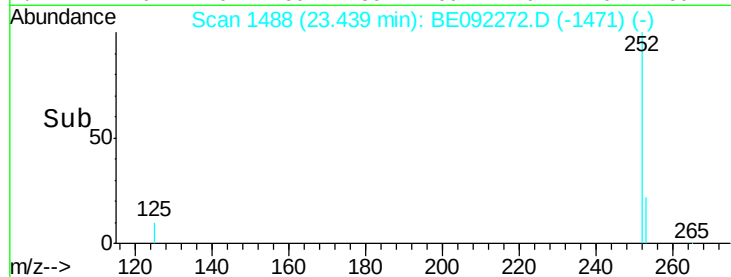
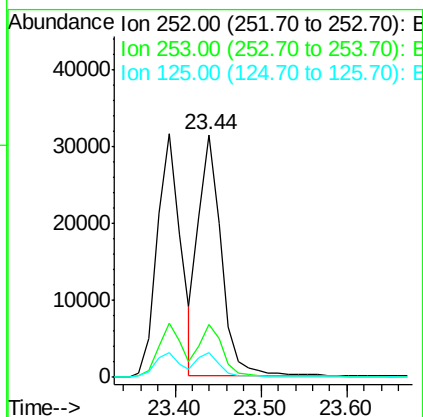
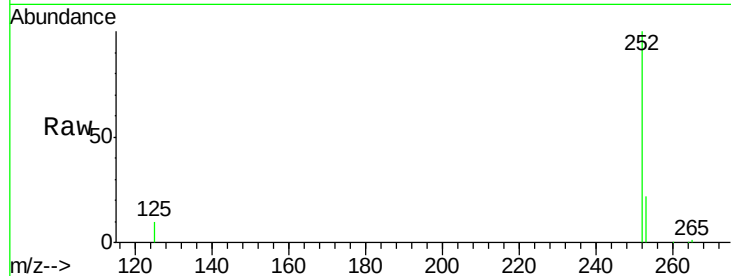
BNA_E

ClientSampleId :

PB92976BSD

Tgt Ion:252 Resp: 57501

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.6
125	10.3	10.6	15.8#



#34

Benzo(a)pyrene

Concen: 3.53 ng

RT: 24.02 min Scan# 1538

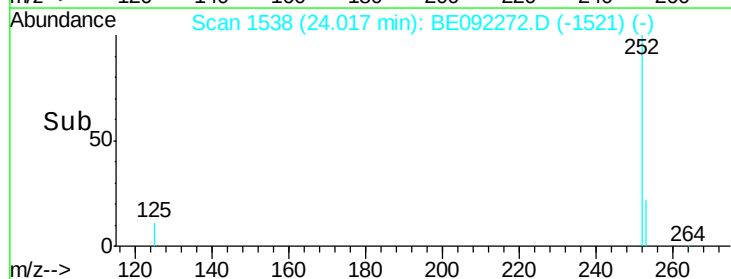
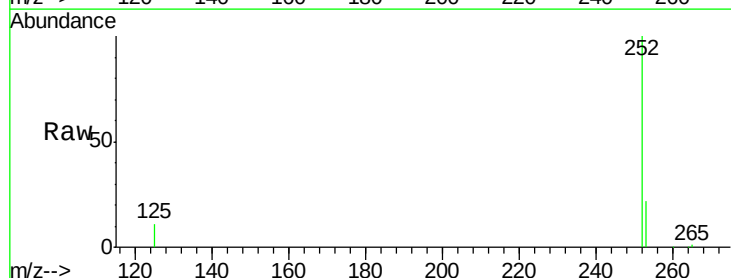
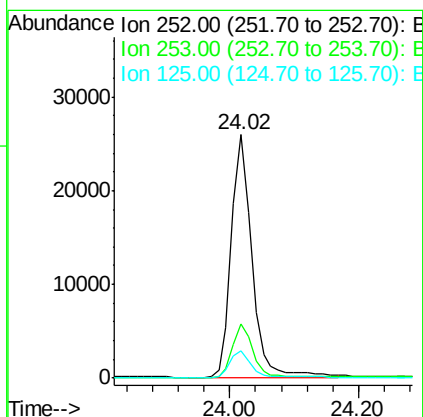
Delta R.T. -0.00 min

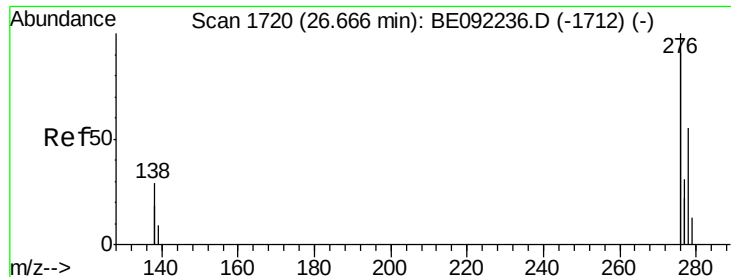
Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Tgt Ion:252 Resp: 57045

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	11.4	11.8	17.6#





#35

Dibenzo(a,h)anthracene

Concen: 3.75 ng

RT: 26.65 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

Instrument :

BNA_E

ClientSampleId :

PB92976BSD

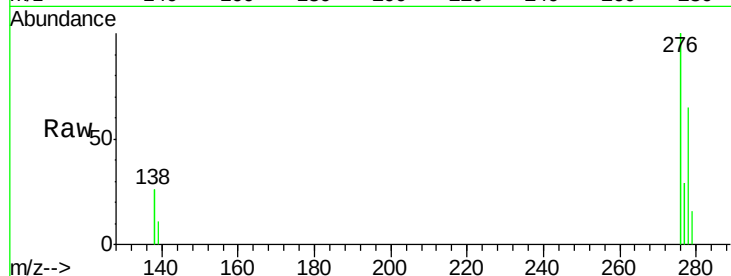
Tgt Ion:278 Resp: 56288

Ion Ratio Lower Upper

278 100

139 16.8 16.2 24.2

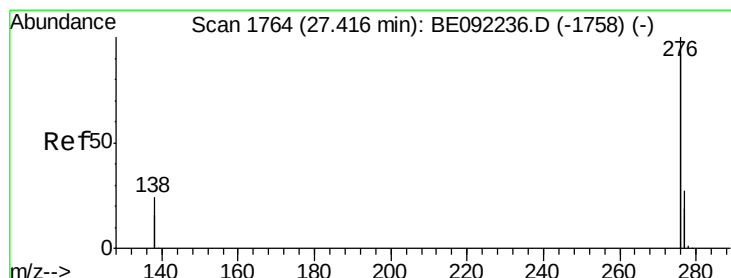
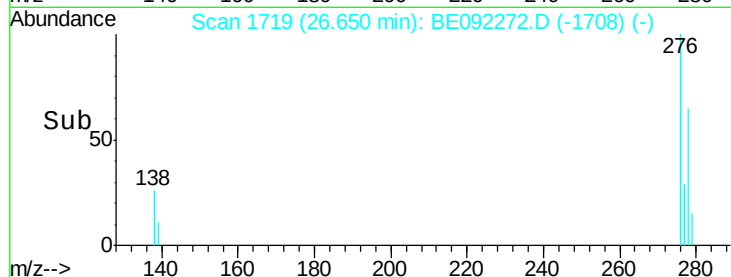
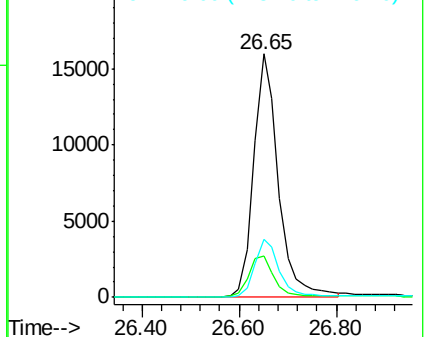
279 23.8 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 3.64 ng

RT: 27.40 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BE092272.D

Acq: 19 Aug 2016 16:22

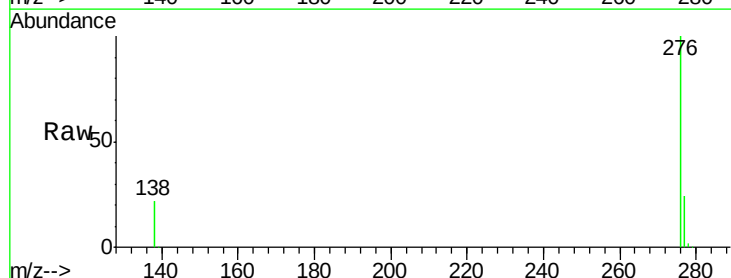
Tgt Ion:276 Resp: 235454

Ion Ratio Lower Upper

276 100

277 23.7 21.4 32.2

138 22.1 19.4 29.2



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

