

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090216\
 Data File : BE092352.D
 Acq On : 2 Sep 2016 20:29
 Operator : UM/SJ
 Sample : PB93162BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93162BS

Quant Time: Sep 02 23:46:58 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	10332	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	46507	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	24846	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	49028	5.00	ng	0.02
24) Chrysene-d12	21.75	240	59356	5.00	ng	0.00
31) Perylene-d12	24.11	264	48683	5.00	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.68	112	23033	9.38	ng	0.00
5) Phenol-d6	7.34	99	32051	9.78	ng	-0.02
8) Nitrobenzene-d5	9.34	82	14111	4.22	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	7224	9.39	ng	-0.01
14) 2-Fluorobiphenyl	13.44	172	31354	4.11	ng	0.00
26) Terphenyl-d14	20.17	244	35413	4.03	ng	0.00

Target Compounds

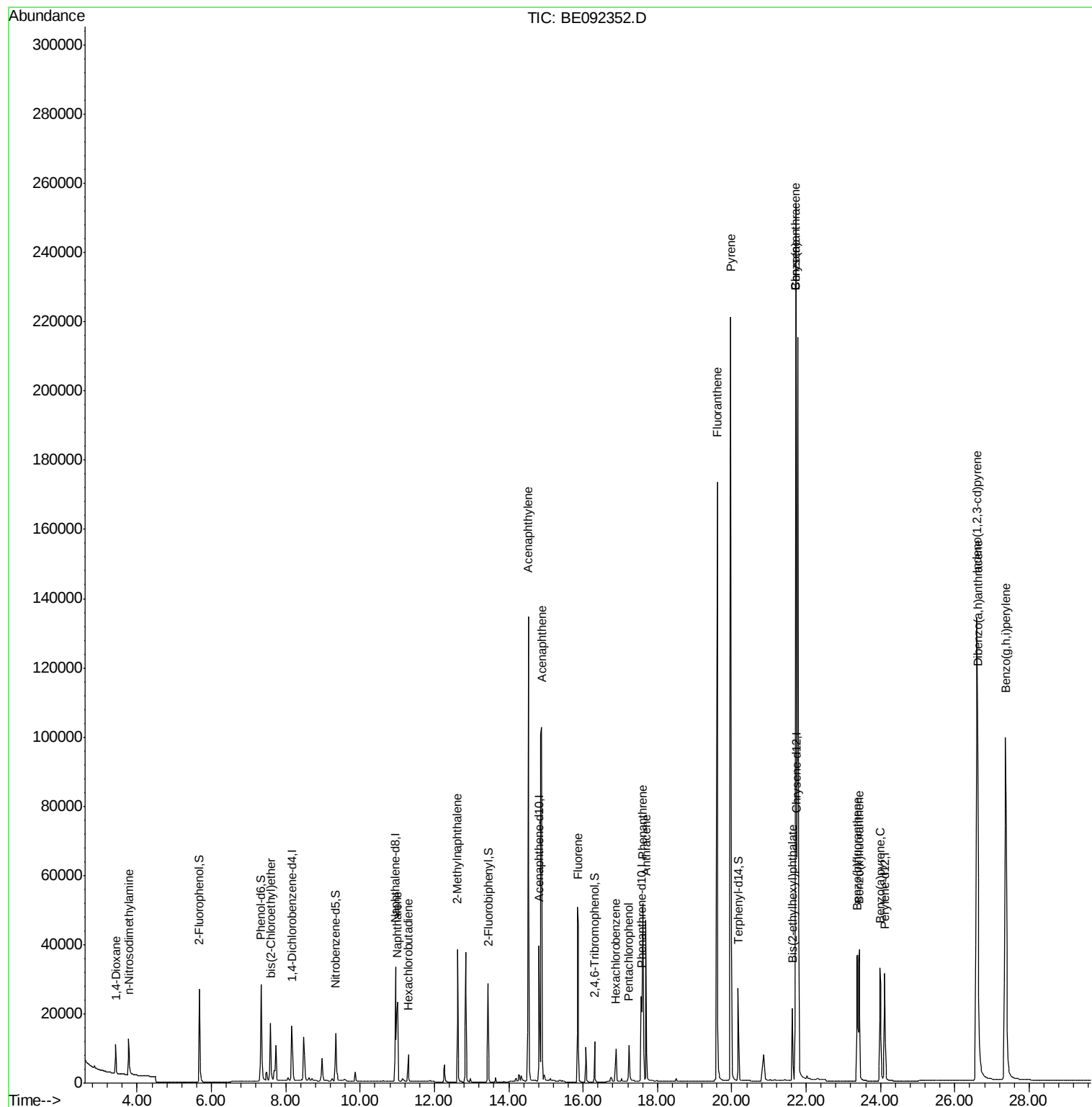
						Qvalue
2) 1,4-Dioxane	3.42	88	4938	3.89	ng	# 86
3) n-Nitrosodimethylamine	3.77	42	8021	4.88	ng	# 99
6) bis(2-Chloroethyl)ether	7.59	93	13640	4.35	ng	91
9) Naphthalene	11.01	128	42641	4.09	ng	# 94
10) Hexachlorobutadiene	11.30	225	6471	3.98	ng	99
11) 2-Methylnaphthalene	12.62	142	29317	4.30	ng	97
15) Acenaphthylene	14.53	152	184485	4.31	ng	100
16) Acenaphthene	14.88	154	27347	3.95	ng	93
17) Fluorene	15.87	166	35413	4.08	ng	99
19) Hexachlorobenzene	16.89	284	10621	4.52	ng	# 63
20) Pentachlorophenol	17.23	266	8346	6.78	ng	85
21) Phenanthrene	17.60	178	61425	4.46	ng	# 94
22) Anthracene	17.70	178	57661	4.70	ng	99
23) Fluoranthene	19.61	202	241694	4.02	ng	99
25) Pyrene	19.97	202	254342	4.40	ng	99
27) Benzo(a)anthracene	21.72	228	496767	7.75	ng	# 87
28) Chrysene	21.72	228	499276	8.52	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.63	149	27040	3.04	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.60	276	277999	4.12	ng	98
32) Benzo(b)fluoranthene	23.37	252	62225	4.98	ng	95
33) Benzo(k)fluoranthene	23.43	252	52474	3.97	ng	95
34) Benzo(a)pyrene	24.00	252	55567	4.51	ng	# 94
35) Dibenzo(a,h)anthracene	26.62	278	58282	5.11	ng	96
36) Benzo(g,h,i)perylene	27.37	276	244635	5.09	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: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

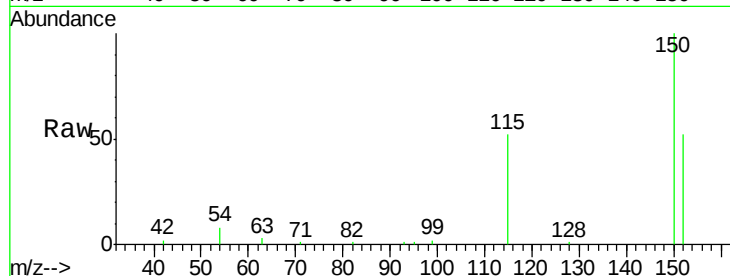
Tgt Ion:152 Resp: 10332

Ion Ratio Lower Upper

152 100

150 192.1 106.0 159.0#

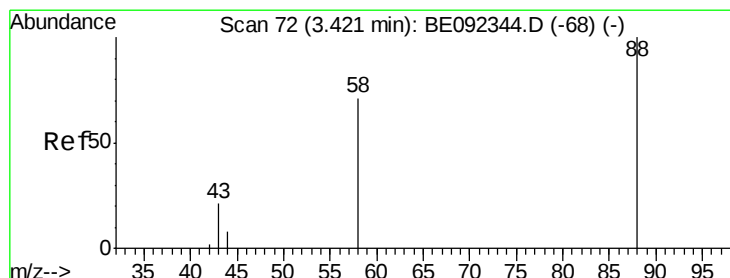
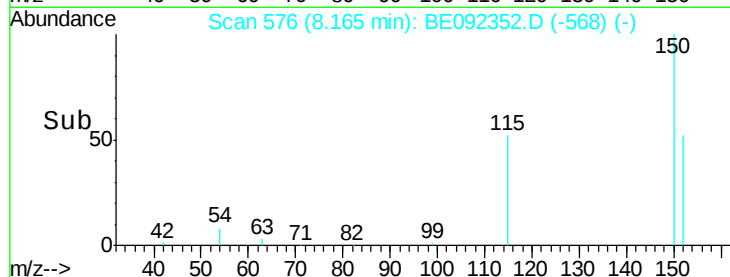
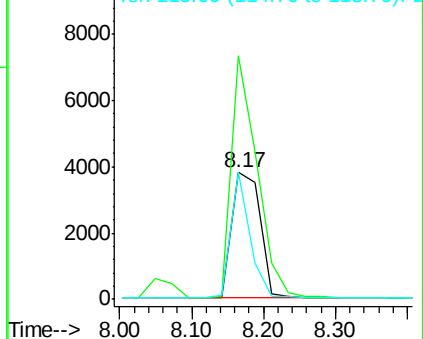
115 100.5 31.2 46.8#



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: 3.89 ng

RT: 3.42 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

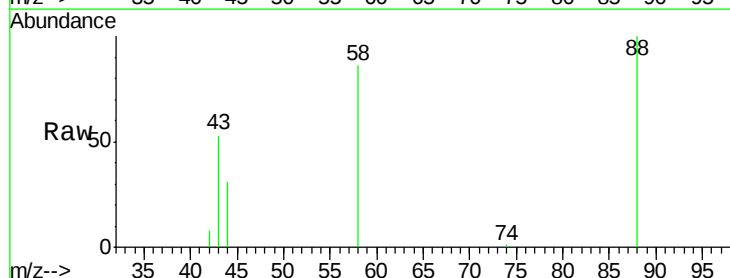
Tgt Ion: 88 Resp: 4938

Ion Ratio Lower Upper

88 100

58 90.0 63.6 95.4

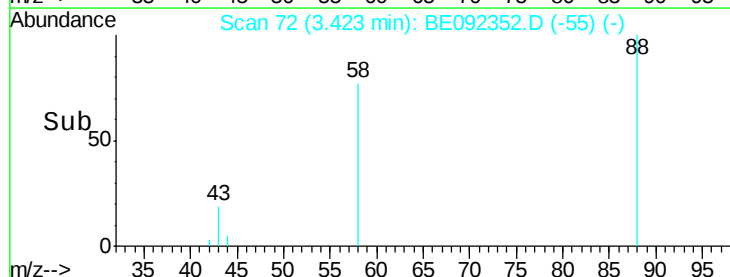
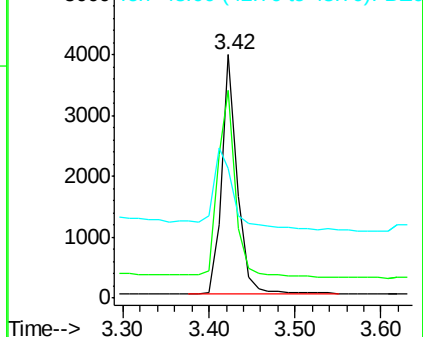
43 46.7 28.0 42.0#

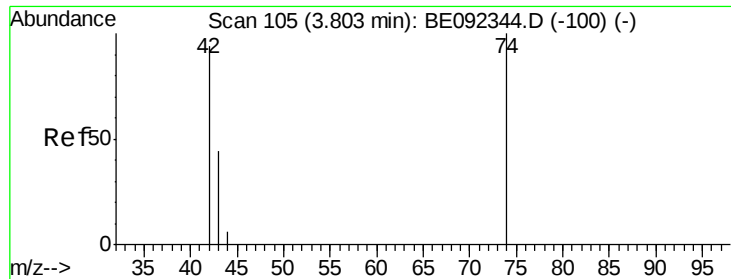


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



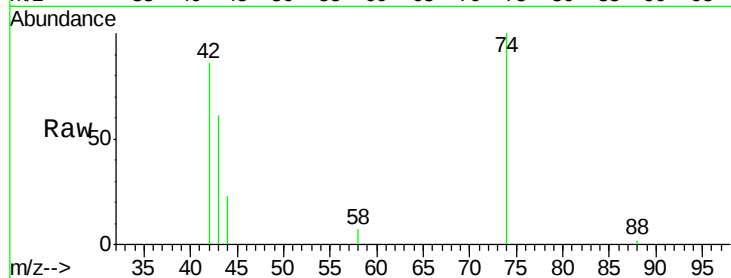


#3

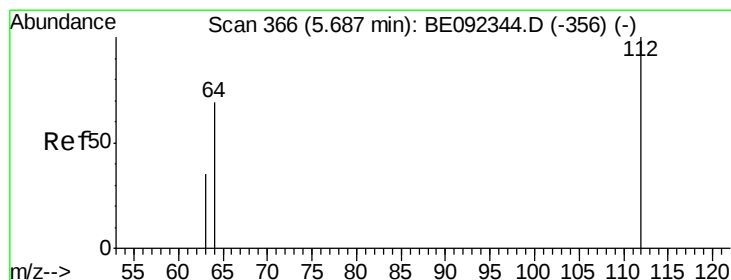
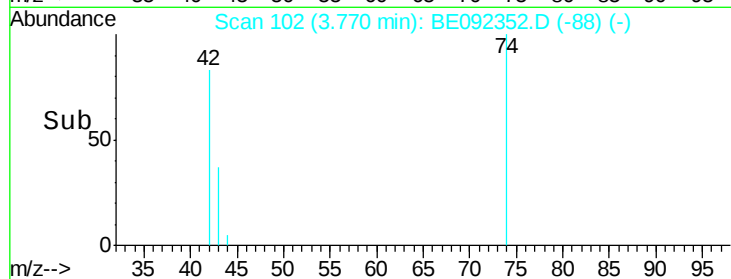
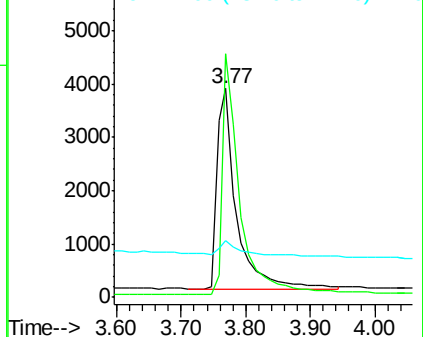
n-Nitrosodimethylamine
 Concen: 4.88 ng
 RT: 3.77 min Scan# 102
 Delta R.T. -0.03 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

Instrument :
 BNA_E
 ClientSampleId :
 PB93162BS

Tgt Ion: 42 Resp: 8021
 Ion Ratio Lower Upper
 42 100
 74 106.5 86.0 129.0
 44 9.6 5.1 7.7#



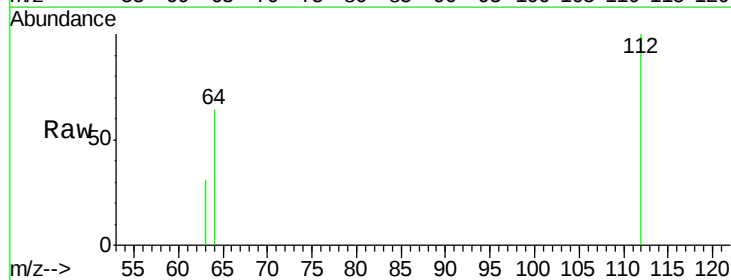
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



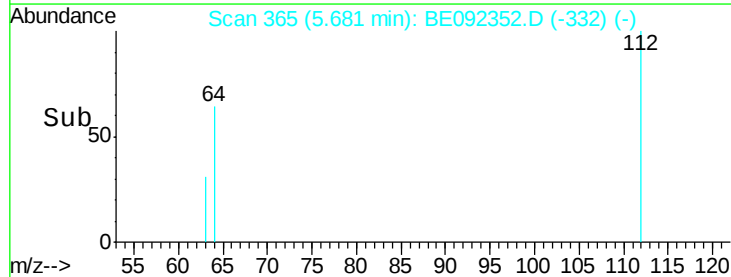
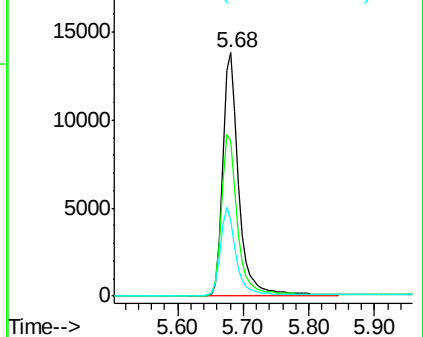
#4

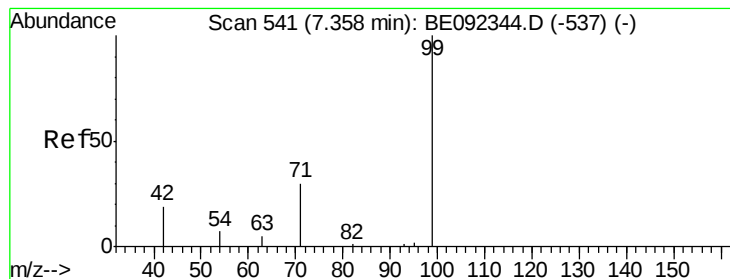
2-Fluorophenol
 Concen: 9.38 ng
 RT: 5.68 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

Tgt Ion: 112 Resp: 23033
 Ion Ratio Lower Upper
 112 100
 64 67.2 53.5 80.3
 63 35.7 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: 9.78 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

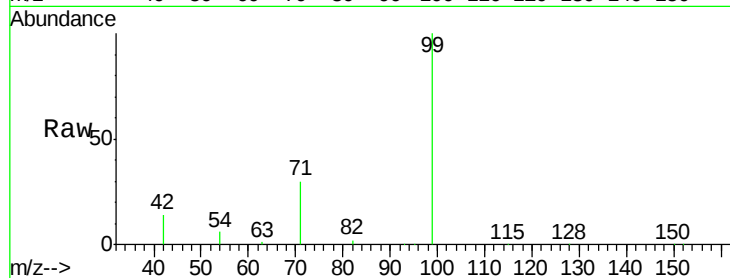
Tgt Ion: 99 Resp: 32051

Ion Ratio Lower Upper

99 100

42 22.4 16.0 24.0

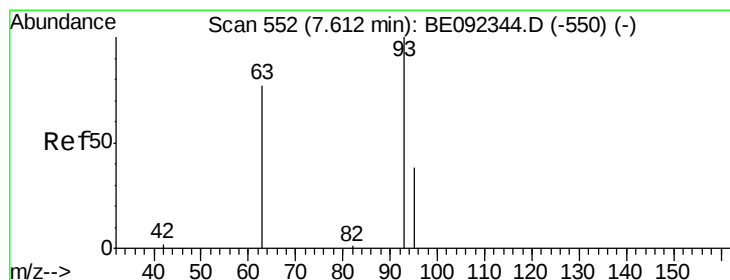
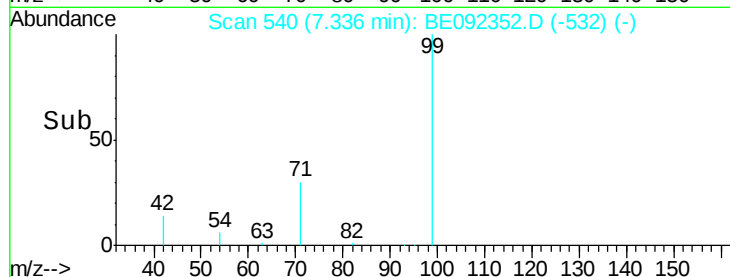
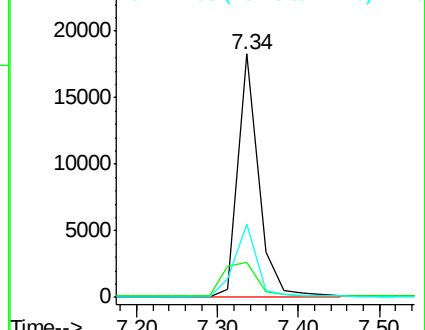
71 32.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 4.35 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

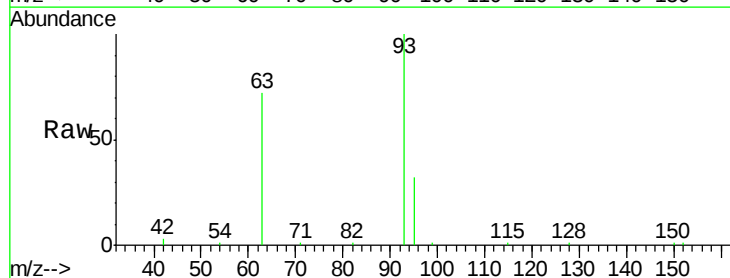
Tgt Ion: 93 Resp: 13640

Ion Ratio Lower Upper

93 100

63 79.9 71.6 107.4

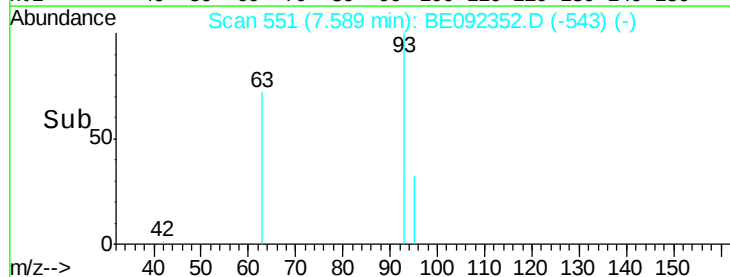
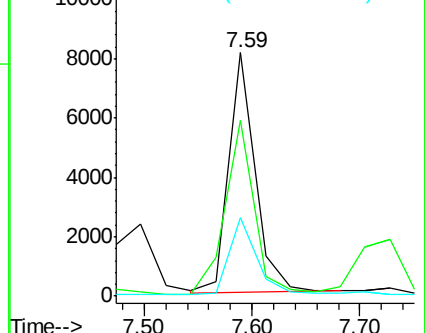
95 33.5 24.0 36.0

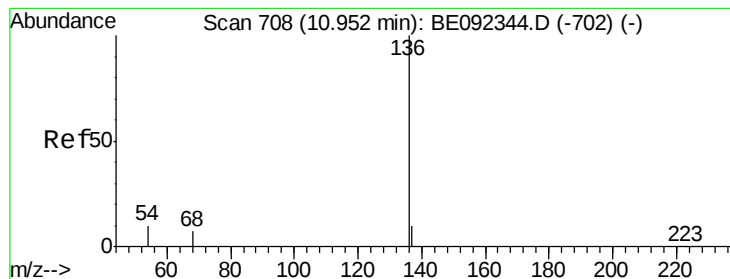


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092352.D

Acq: 2 Sep 2016 20:29

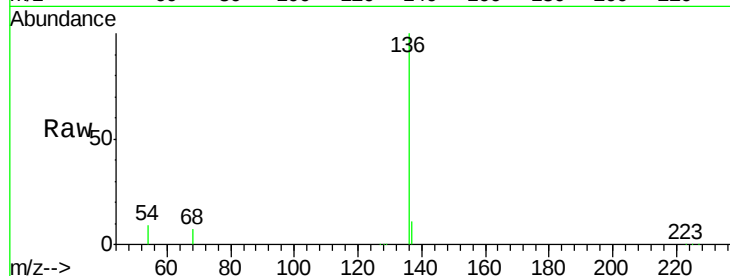
Instrument :

BNA_E

ClientSampleId :

PB93162BS

Tgt Ion:	136	Resp:	46507
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	9.0	9.6	14.4#
68	6.6	6.7	10.1#



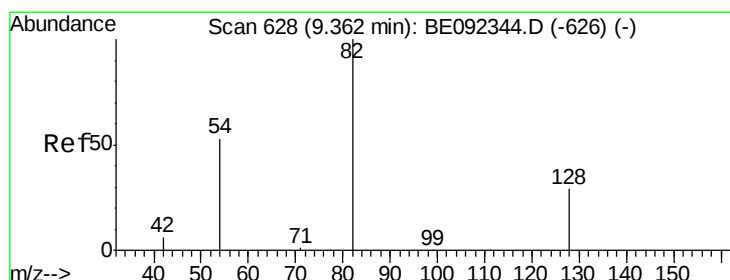
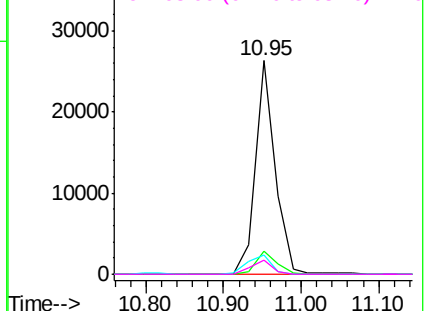
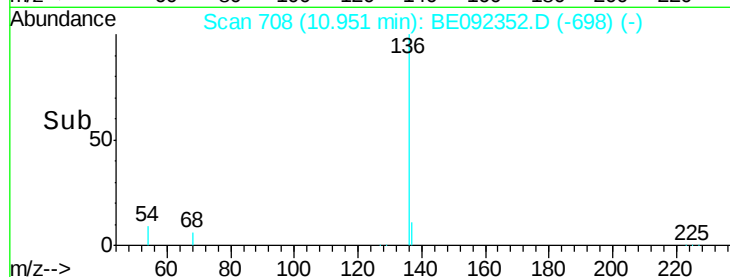
Abundance

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: 4.22 ng

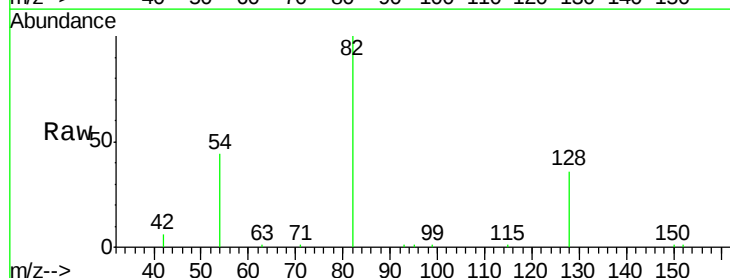
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Tgt Ion:	82	Resp:	14111
Ion	Ratio	Lower	Upper
82	100		
128	35.7	39.0	58.4#
54	43.8	44.8	67.2#

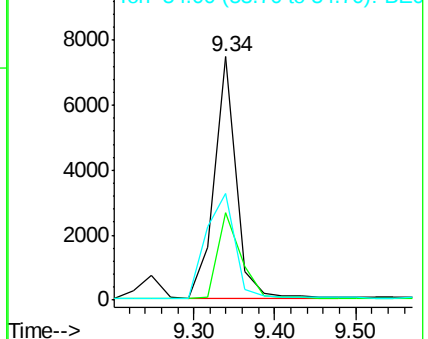
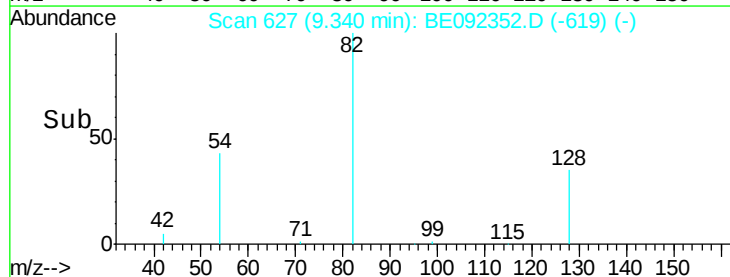


Abundance

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: 4.09 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

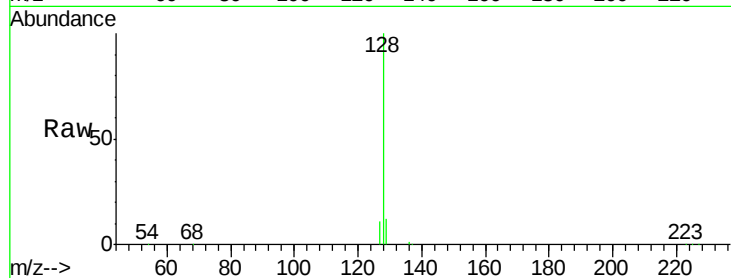
Tgt Ion:128 Resp: 42641

Ion Ratio Lower Upper

128 100

129 12.3 11.2 16.8

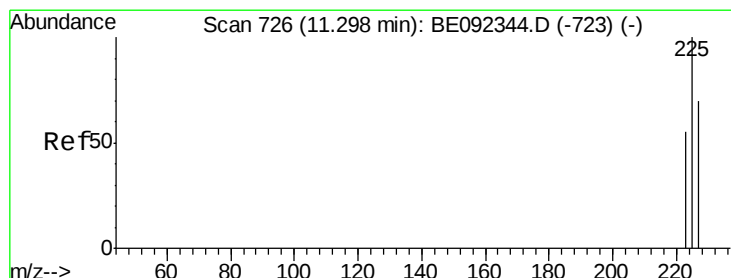
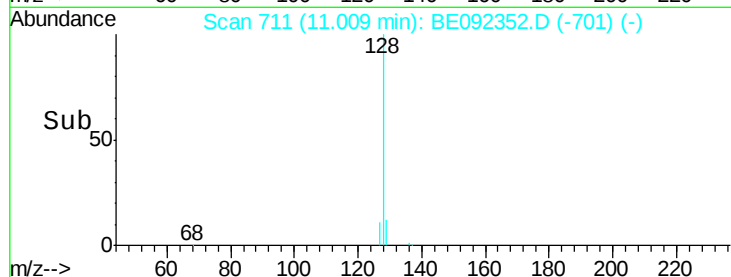
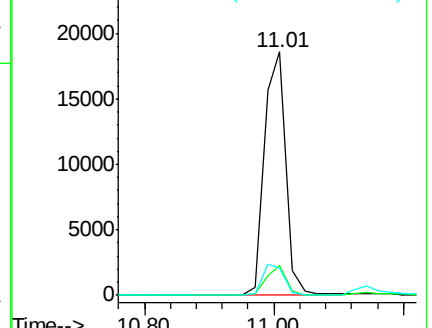
127 11.3 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.98 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

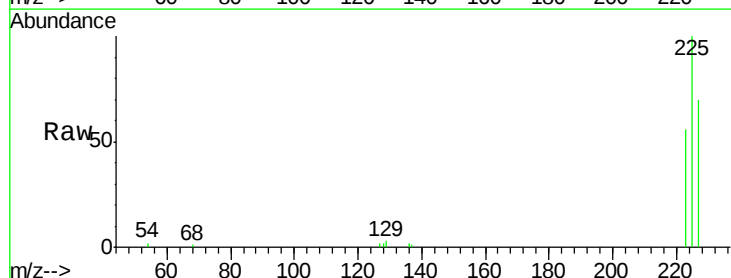
Tgt Ion:225 Resp: 6471

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

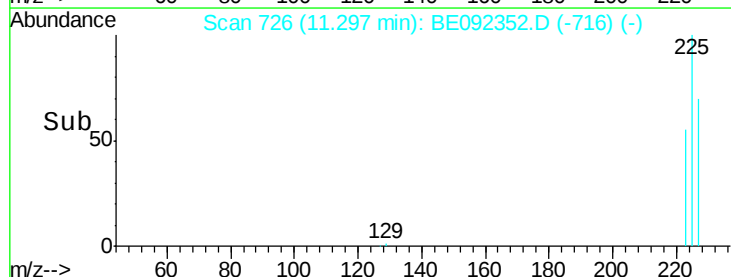
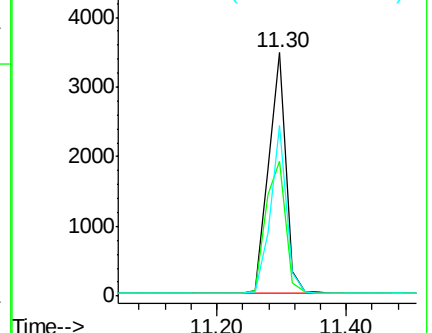
227 64.3 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.30 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

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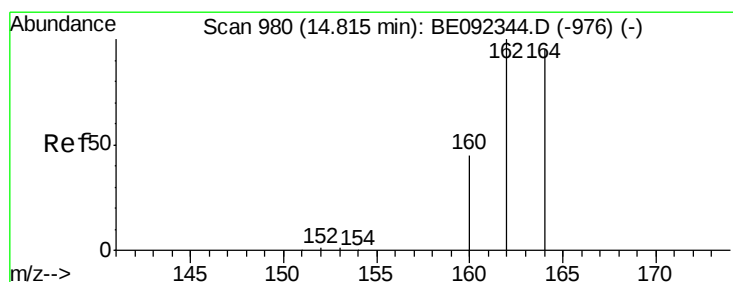
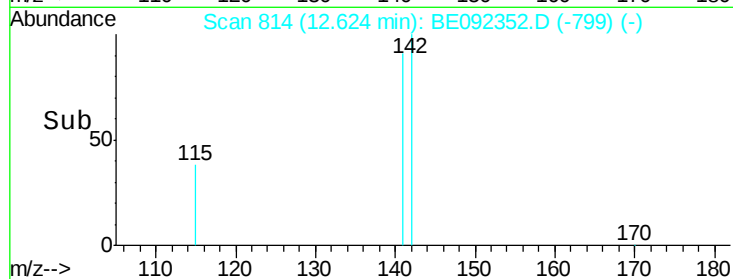
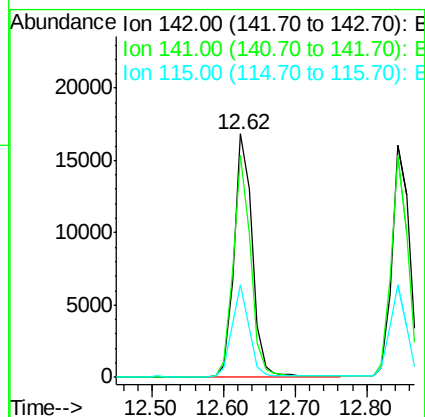
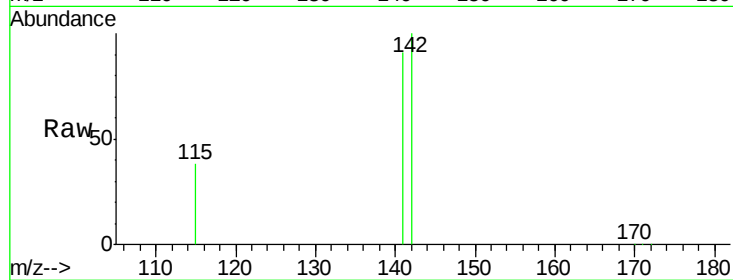
Tgt Ion:142 Resp: 29317

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

115 38.1 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

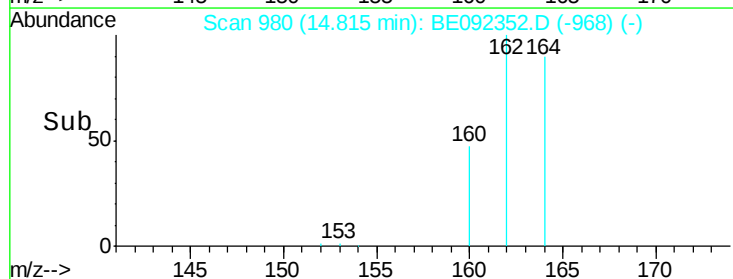
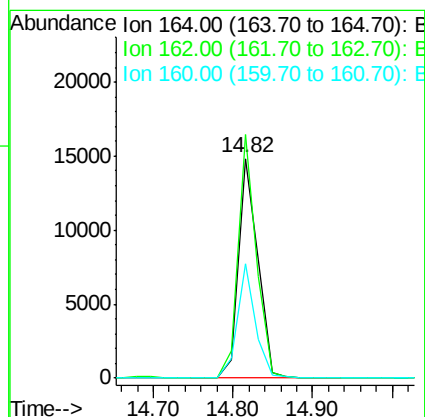
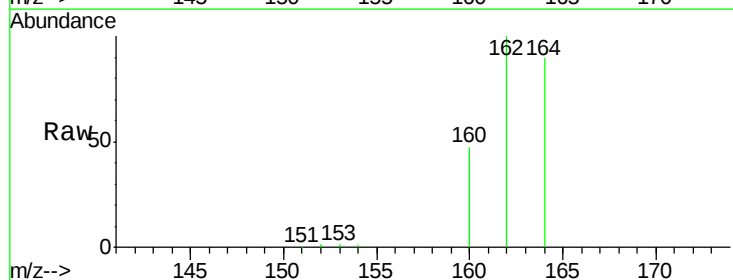
Tgt Ion:164 Resp: 24846

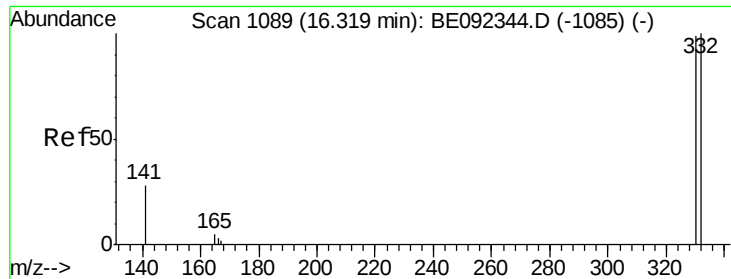
Ion Ratio Lower Upper

164 100

162 111.0 71.4 107.0#

160 52.3 27.4 41.2#

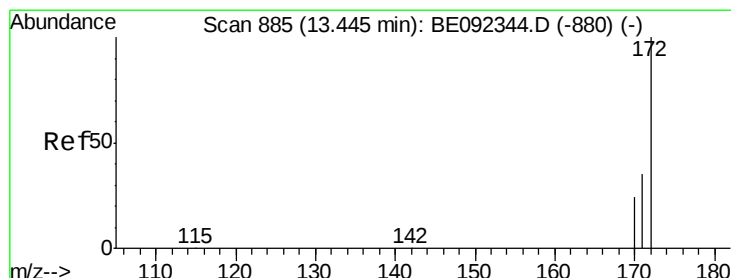
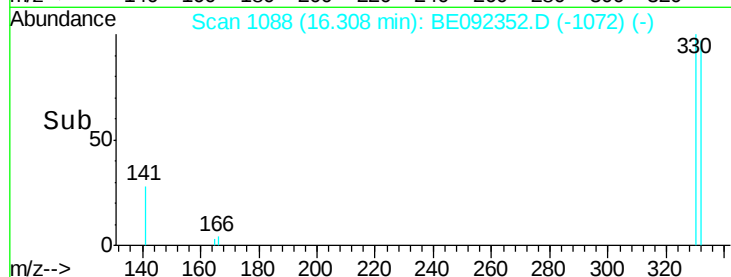
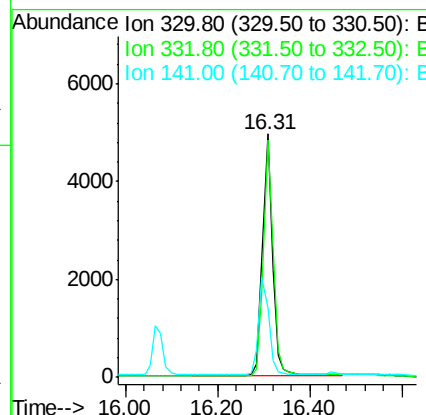
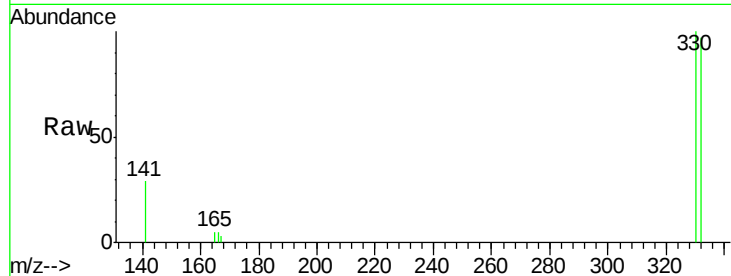




#13
 2,4,6-Tribromophenol
 Concen: 9.39 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

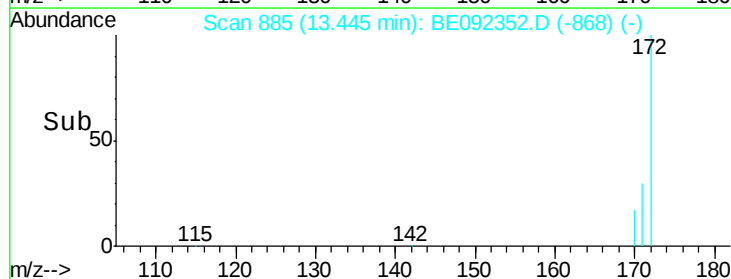
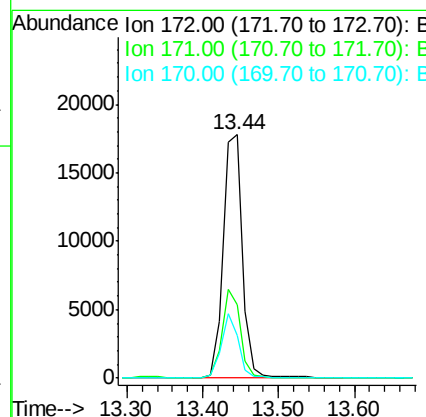
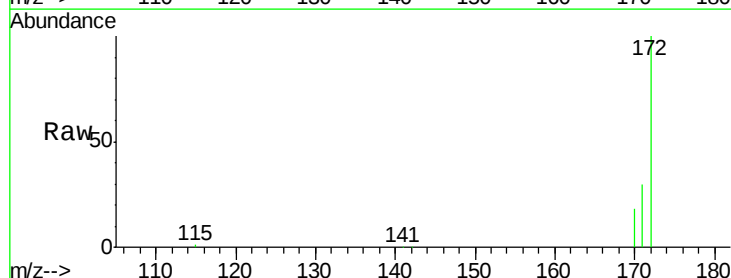
Instrument :
 BNA_E
 ClientSampleId :
 PB93162BS

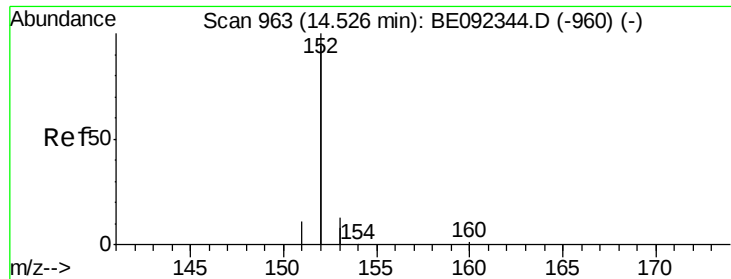
Tgt Ion:330 Resp: 7224
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 42.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

Tgt Ion:172 Resp: 31354
 Ion Ratio Lower Upper
 172 100
 171 30.0 30.1 45.1#
 170 17.5 21.8 32.6#

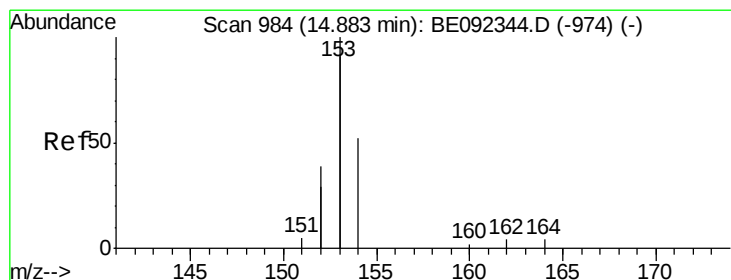
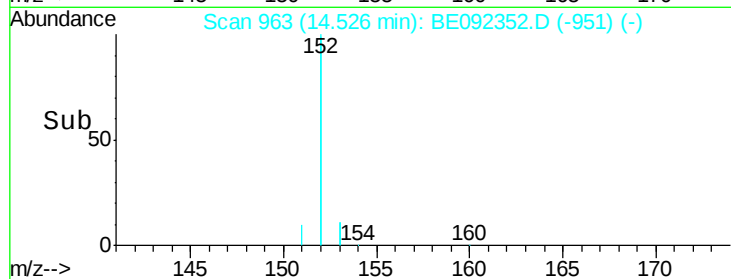
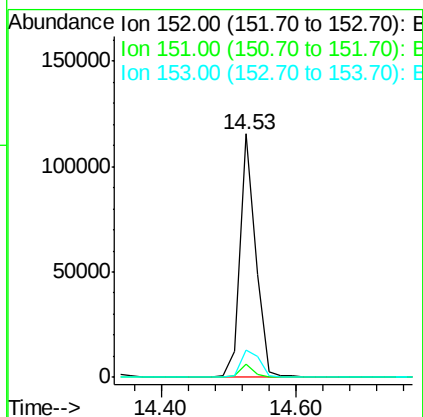
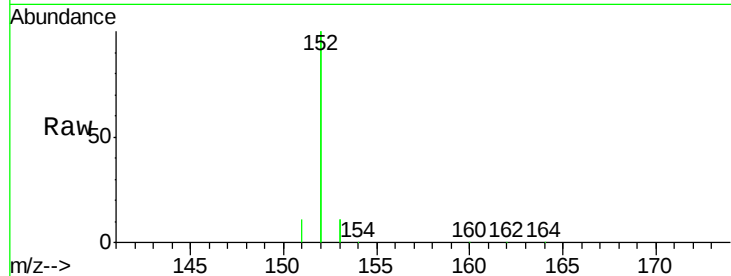




#15
Acenaphthylene
Concen: 4.31 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

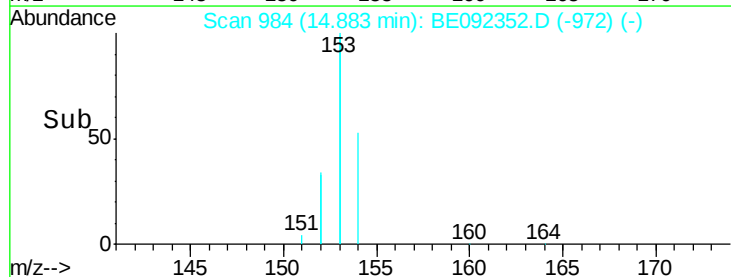
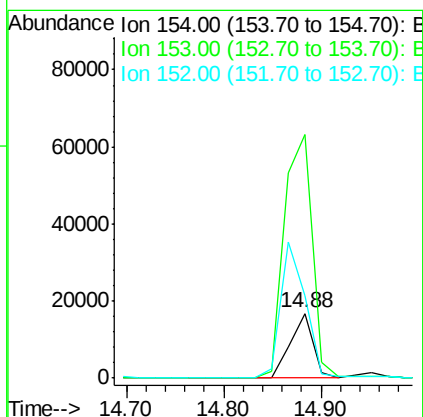
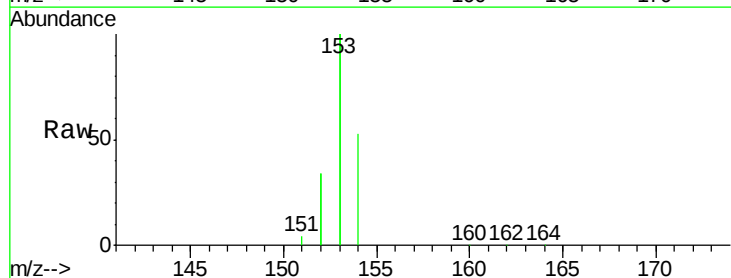
Instrument :
BNA_E
ClientSampleId :
PB93162BS

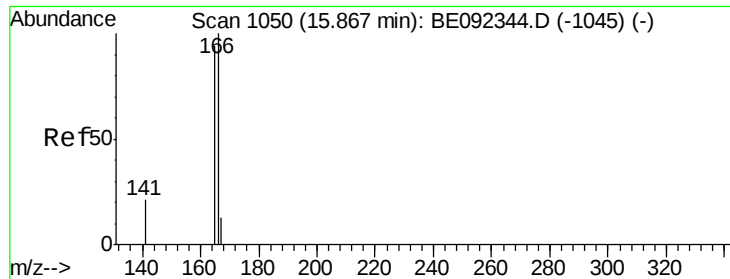
Tgt Ion:152 Resp: 184485
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.1 10.4 15.6



#16
Acenaphthene
Concen: 3.95 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

Tgt Ion:154 Resp: 27347
Ion Ratio Lower Upper
154 100
153 457.1 350.8 526.2
152 224.8 171.1 256.7





#17

Fluorene

Concen: 4.08 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

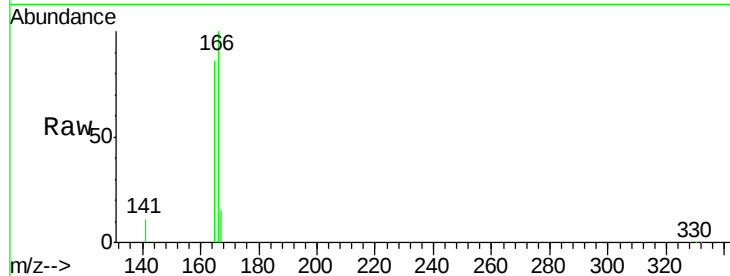
Tgt Ion:166 Resp: 35413

Ion Ratio Lower Upper

166 100

165 98.8 78.2 117.4

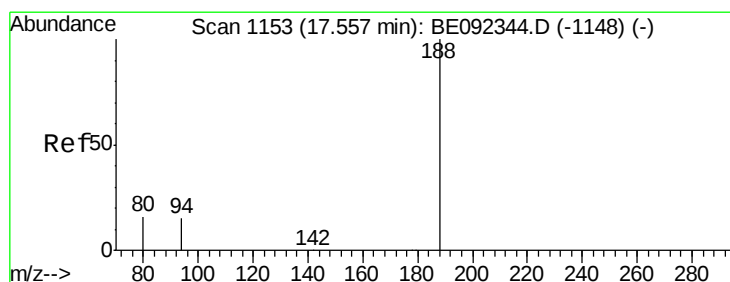
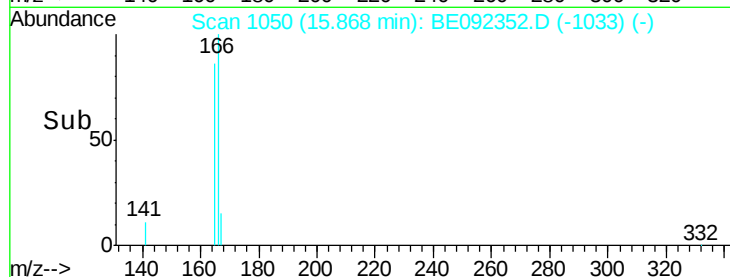
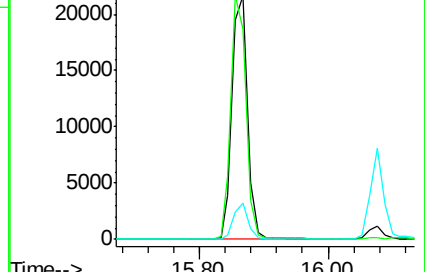
167 13.5 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

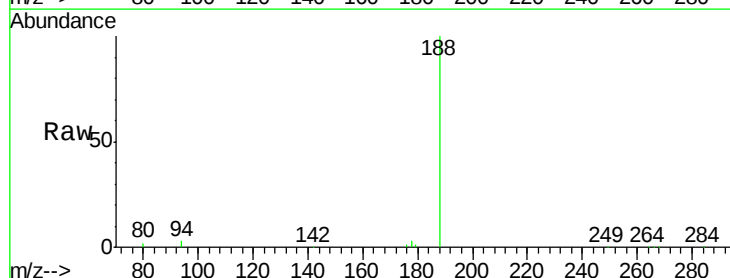
Tgt Ion:188 Resp: 49028

Ion Ratio Lower Upper

188 100

94 2.6 3.2 4.8#

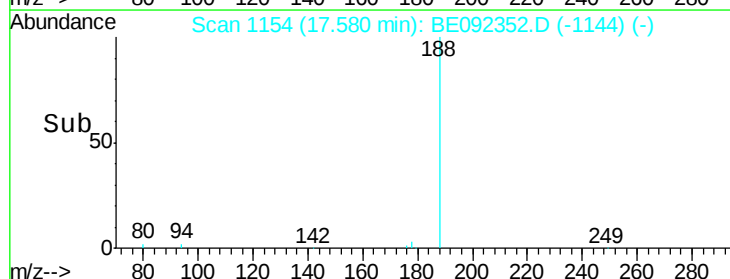
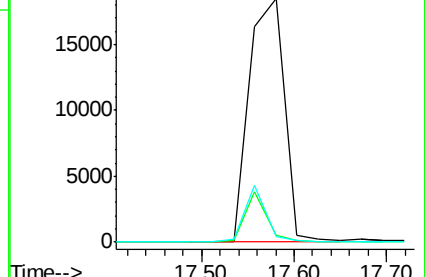
80 2.1 2.6 3.8#



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

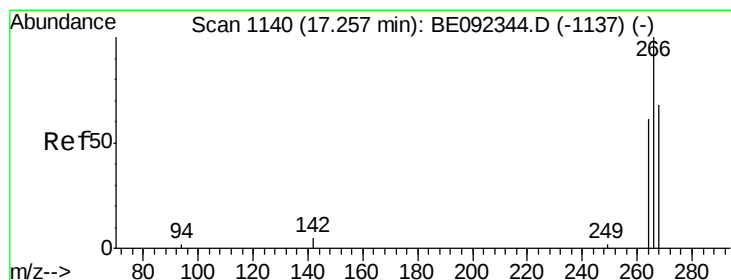
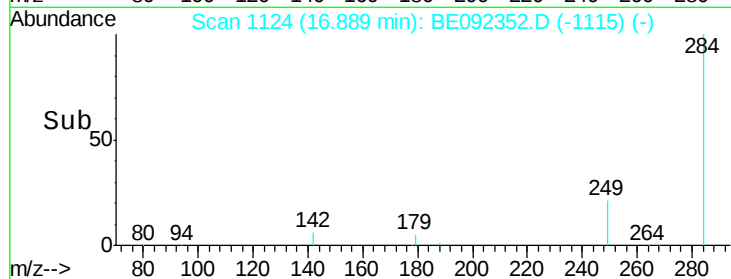
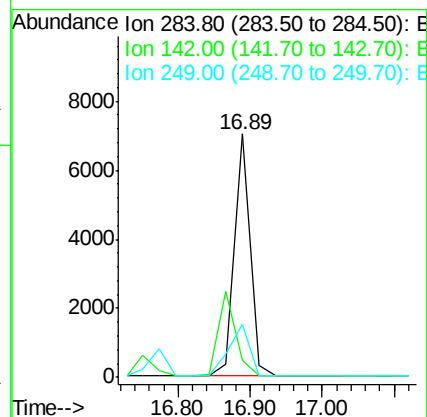
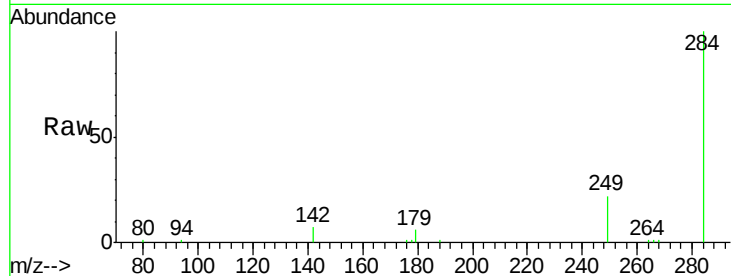




#19
Hexachlorobenzene
Concen: 4.52 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

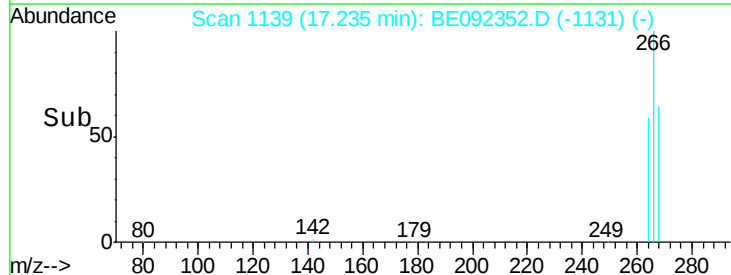
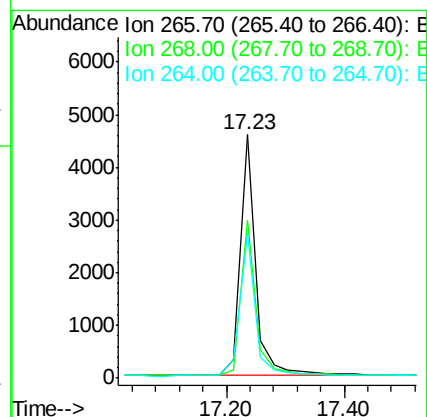
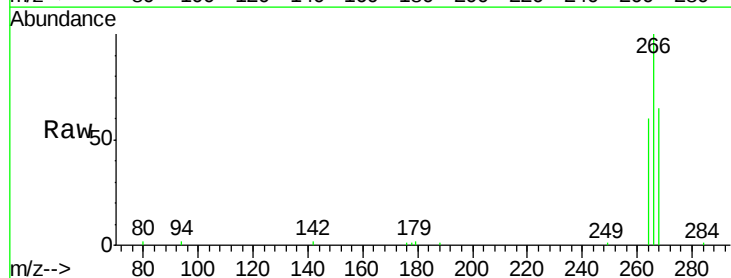
Instrument :
BNA_E
ClientSampleId :
PB93162BS

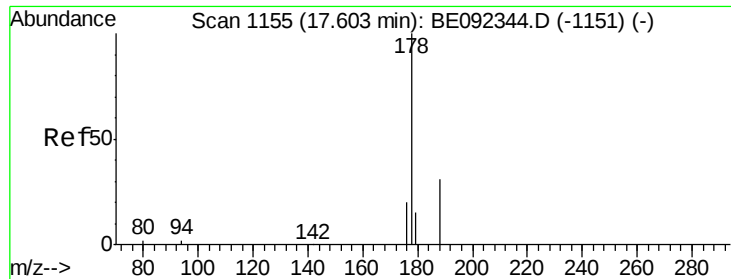
Tgt Ion: 284 Resp: 10621
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 27.8 27.9 41.9#



#20
Pentachlorophenol
Concen: 6.78 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

Tgt Ion: 266 Resp: 8346
Ion Ratio Lower Upper
266 100
268 64.8 62.5 93.7
264 59.7 57.2 85.8

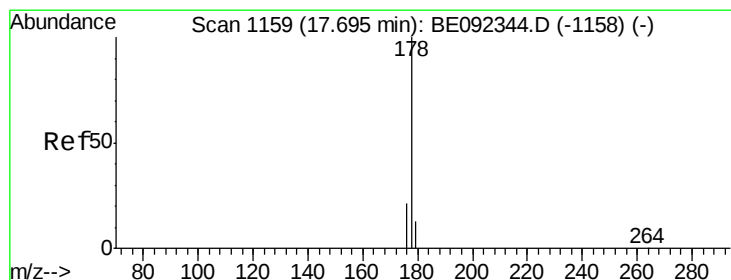
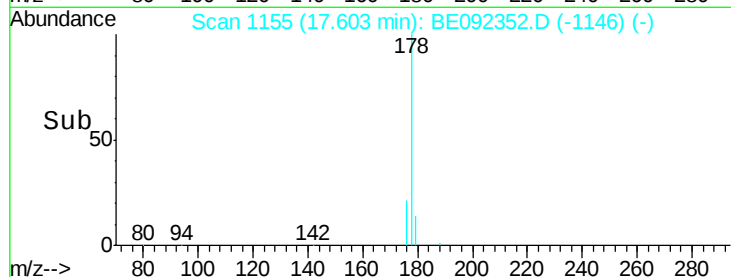
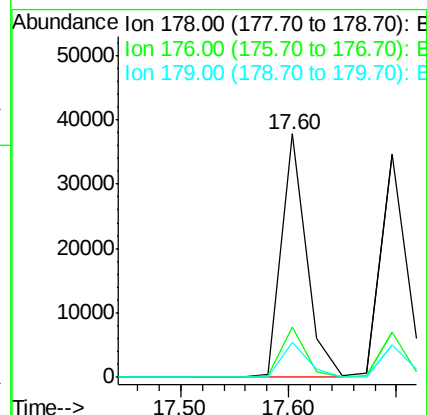
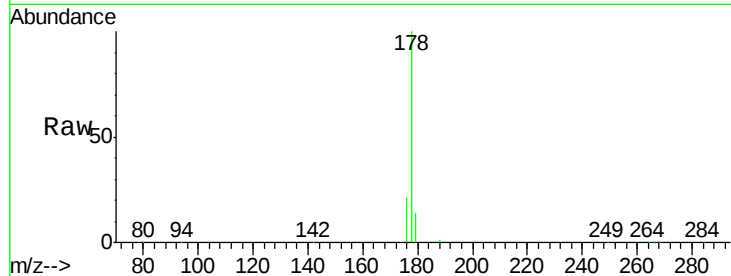




#21
Phenanthrene
Concen: 4.46 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

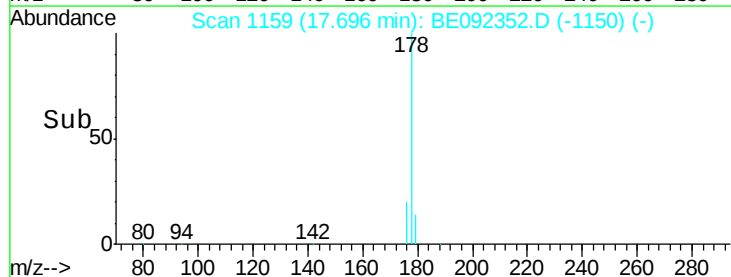
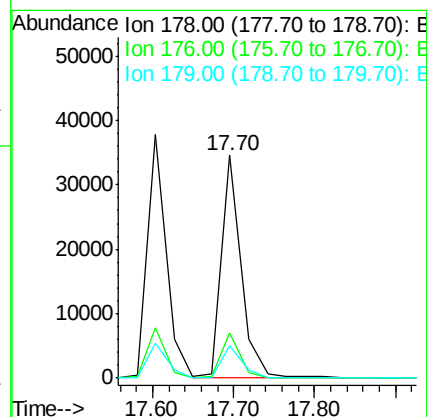
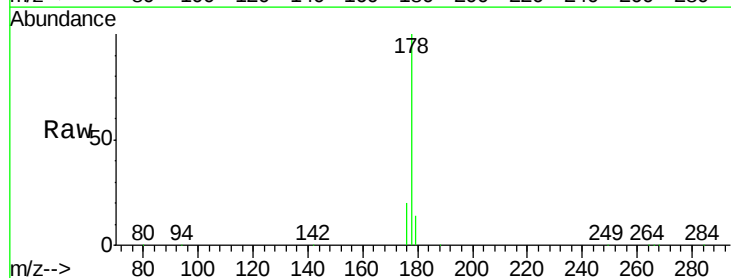
Instrument :
BNA_E
ClientSampleId :
PB93162BS

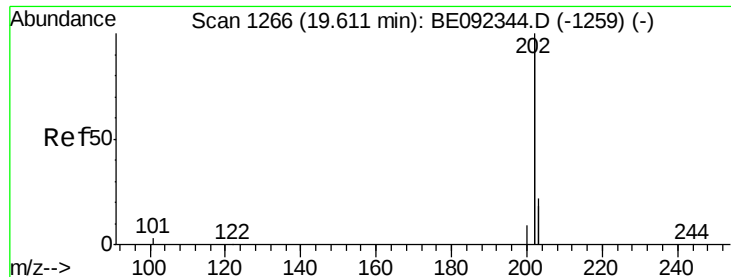
Tgt Ion:178 Resp: 61425
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 14.9 16.0 24.0#



#22
Anthracene
Concen: 4.70 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

Tgt Ion:178 Resp: 57661
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 14.9 12.2 18.2





#23

Fluoranthene

Concen: 4.02 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

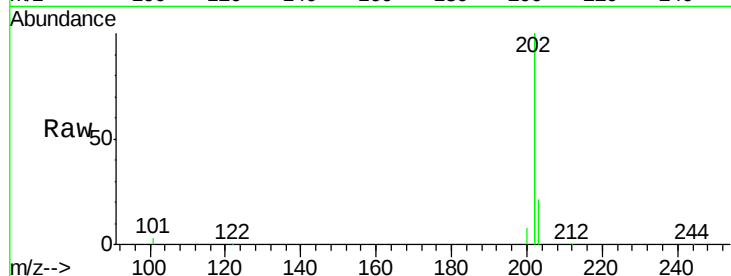
Tgt Ion:202 Resp: 241694

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

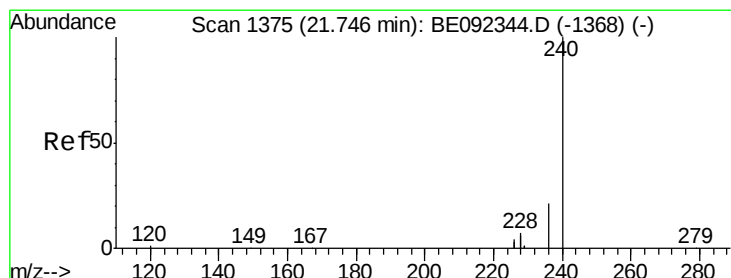
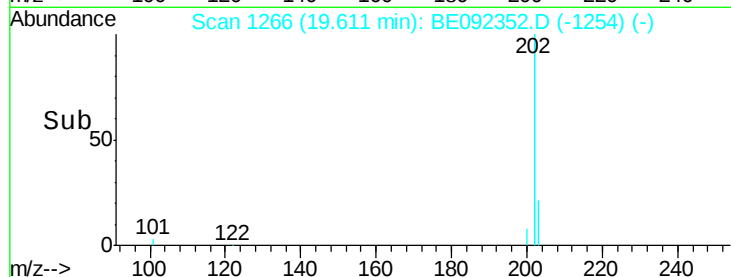
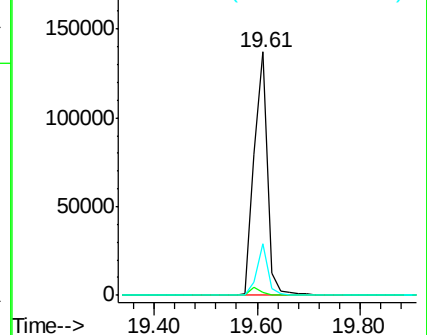
203 17.7 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

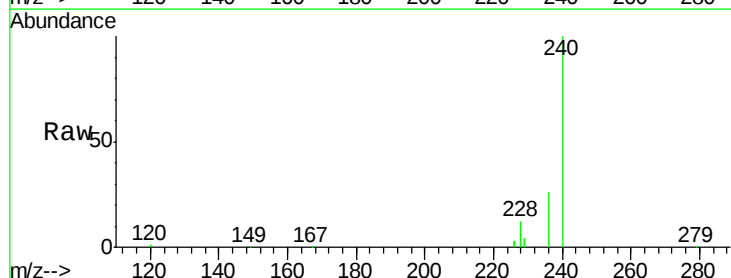
Tgt Ion:240 Resp: 59356

Ion Ratio Lower Upper

240 100

120 1.3 2.6 4.0#

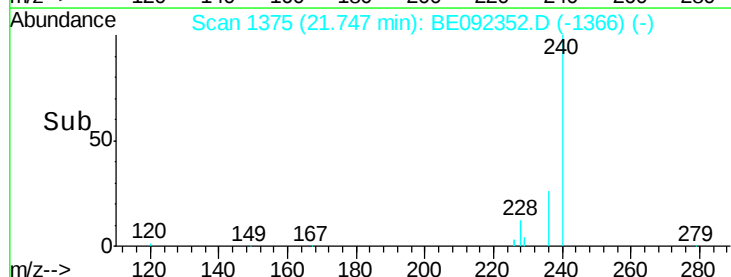
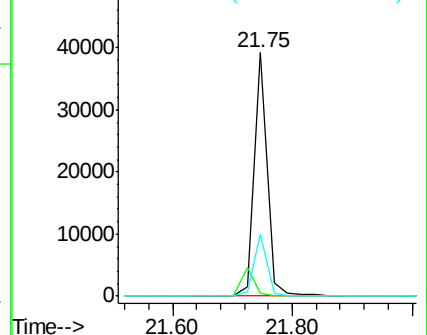
236 25.6 24.6 37.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

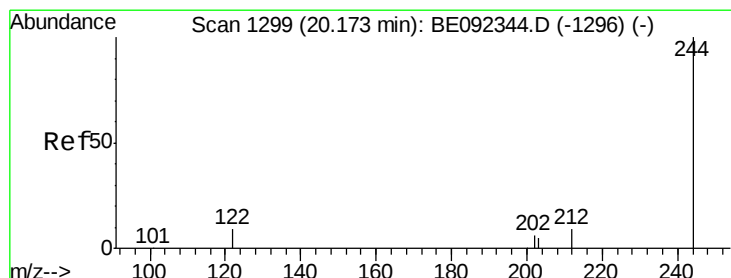
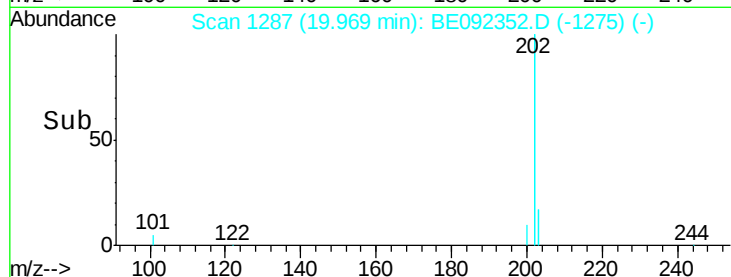
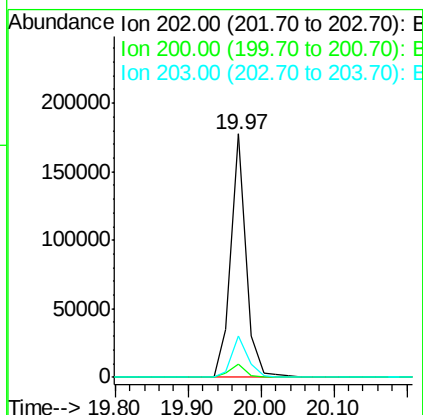
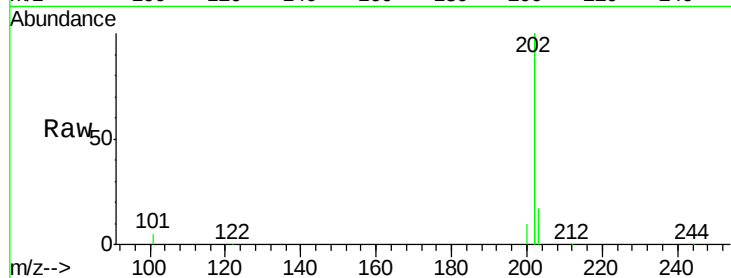




#25
 Pyrene
 Concen: 4.40 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

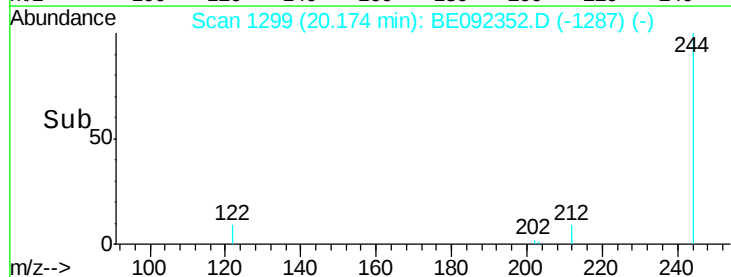
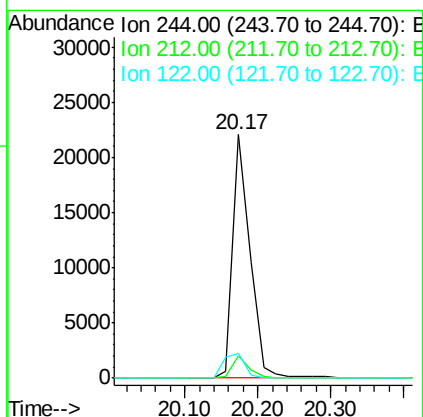
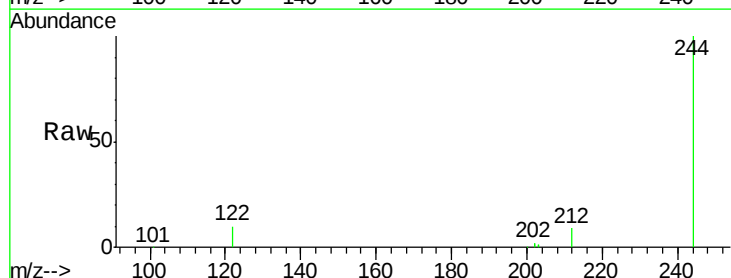
Instrument :
 BNA_E
 ClientSampleId :
 PB93162BS

Tgt Ion:202 Resp: 254342
 Ion Ratio Lower Upper
 202 100
 200 5.5 4.2 6.4
 203 17.8 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.03 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

Tgt Ion:244 Resp: 35413
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.7 10.1
 122 10.2 3.6 5.4#

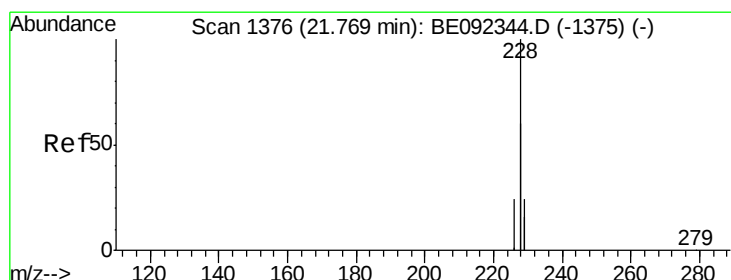
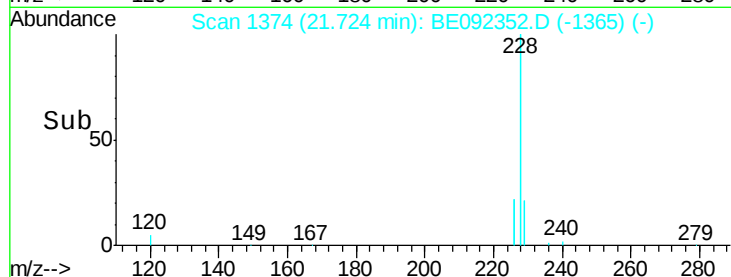
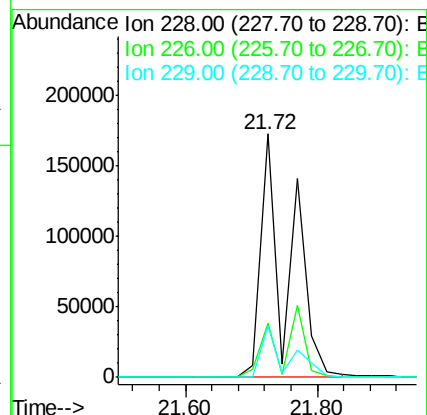
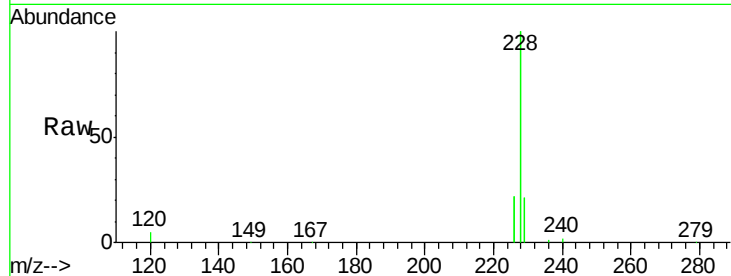




#27
Benzo(a)anthracene
Concen: 7.75 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

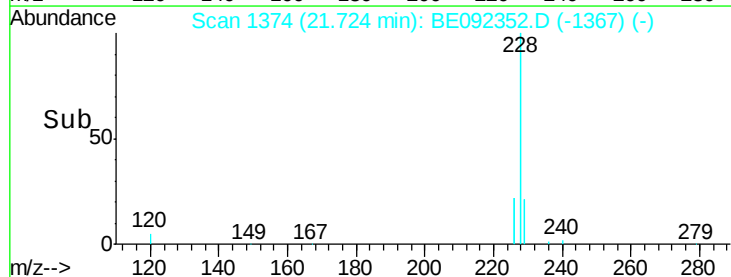
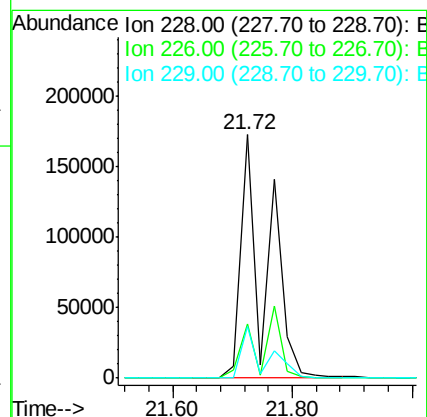
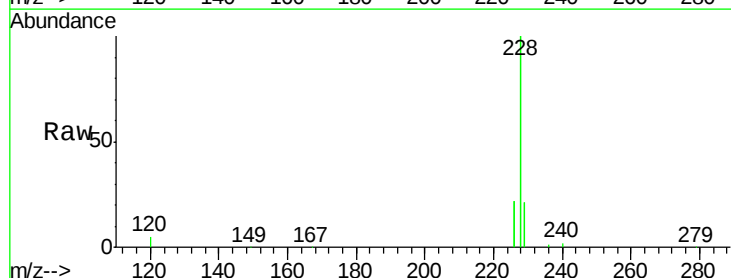
Instrument :
BNA_E
ClientSampleId :
PB93162BS

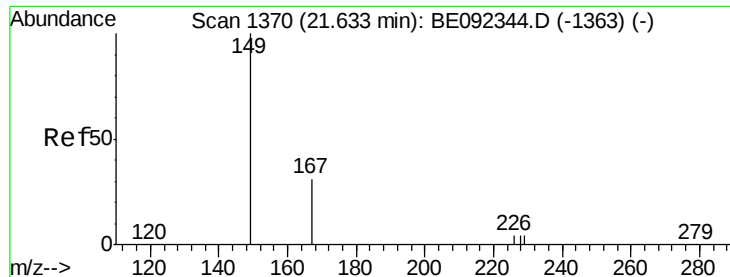
Tgt Ion:228 Resp: 496767
Ion Ratio Lower Upper
228 100
226 22.0 23.6 35.4#
229 21.1 13.3 19.9#



#28
Chrysene
Concen: 8.52 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092352.D
Acq: 2 Sep 2016 20:29

Tgt Ion:228 Resp: 499276
Ion Ratio Lower Upper
228 100
226 22.0 36.3 54.5#
229 21.1 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.04 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

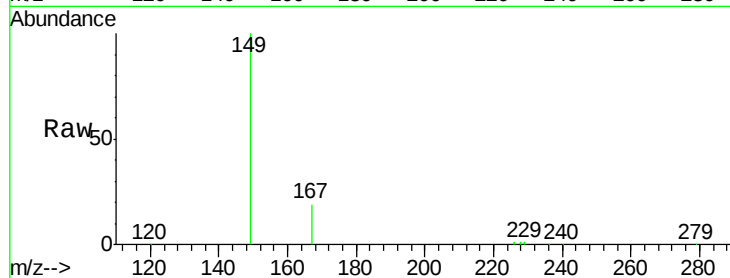
Tgt Ion:149 Resp: 27040

Ion Ratio Lower Upper

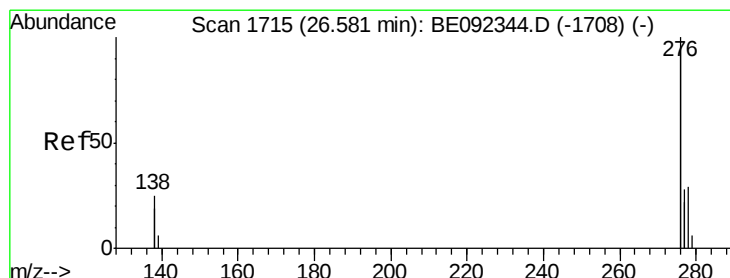
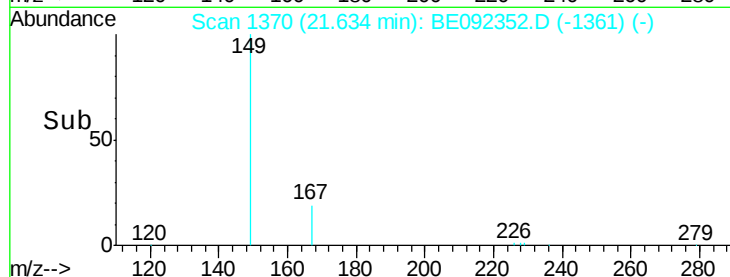
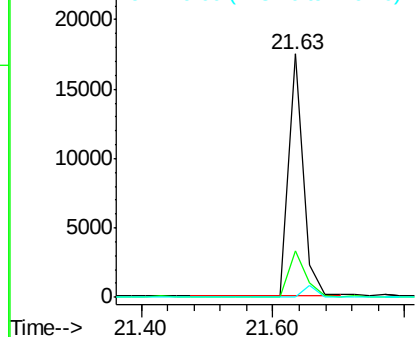
149 100

167 22.0 16.0 24.0

279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.12 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

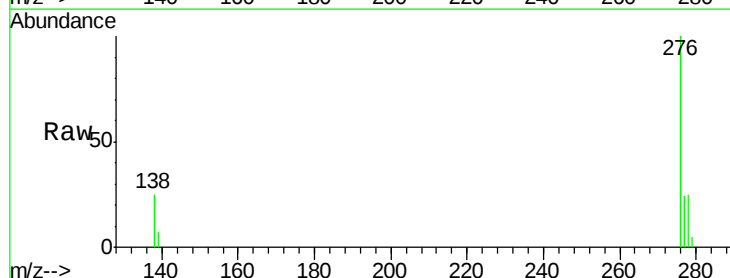
Tgt Ion:276 Resp: 277999

Ion Ratio Lower Upper

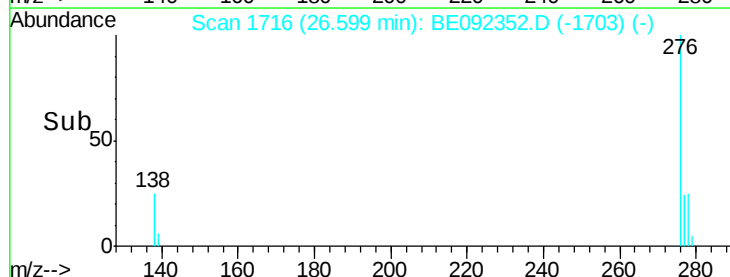
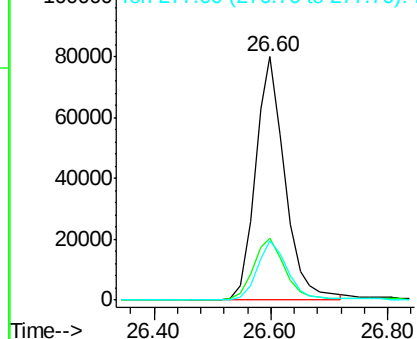
276 100

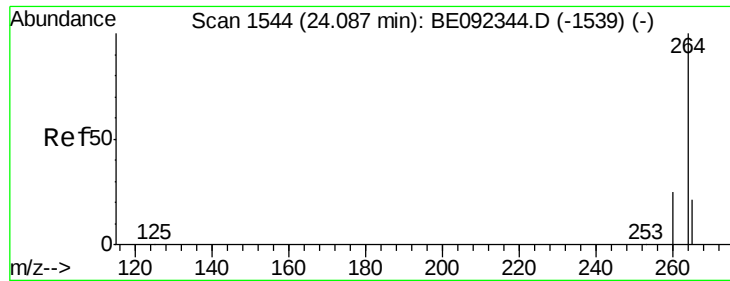
138 26.9 20.3 30.5

277 24.7 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

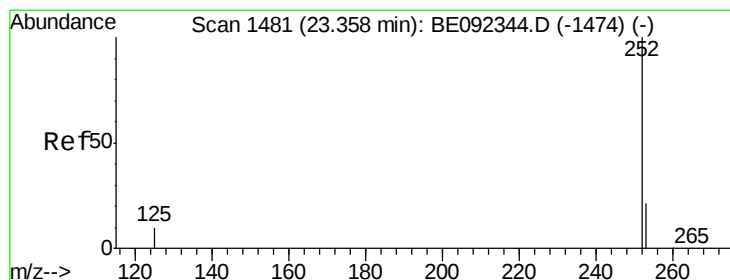
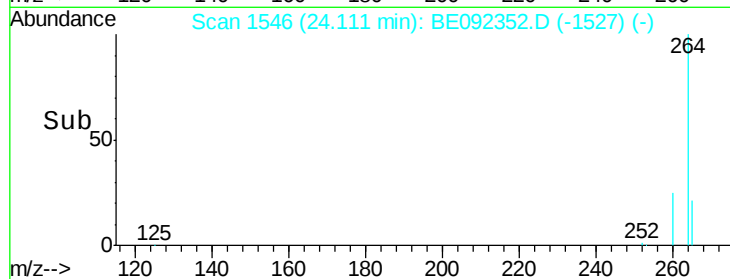
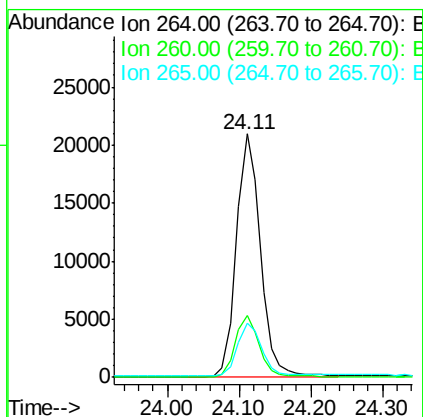
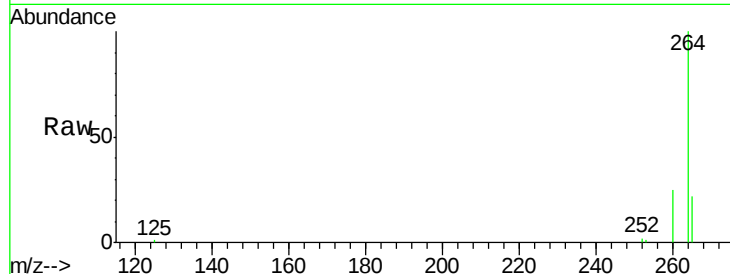




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

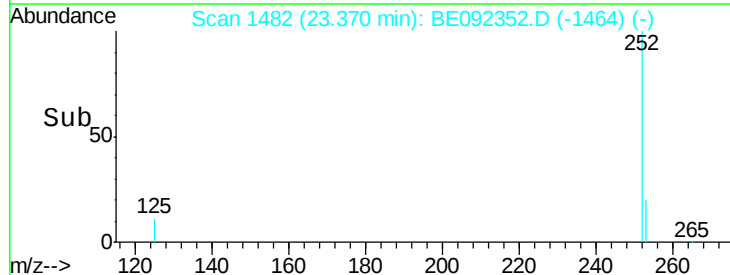
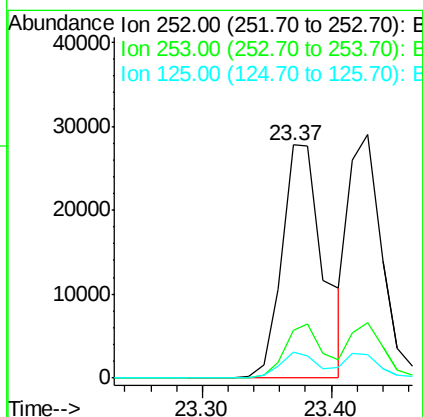
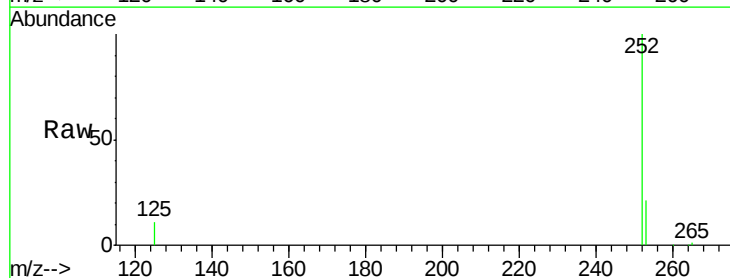
Instrument :
 BNA_E
 ClientSampled :
 PB93162BS

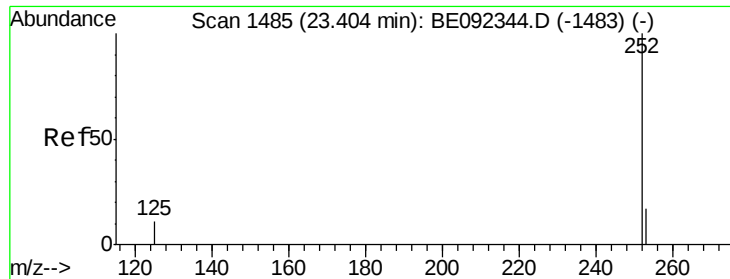
Tgt Ion: 264 Resp: 48683
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.1 30.1
 265 22.0 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 4.98 ng
 RT: 23.37 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BE092352.D
 Acq: 2 Sep 2016 20:29

Tgt Ion: 252 Resp: 62225
 Ion Ratio Lower Upper
 252 100
 253 20.6 18.7 28.1
 125 11.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 3.97 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

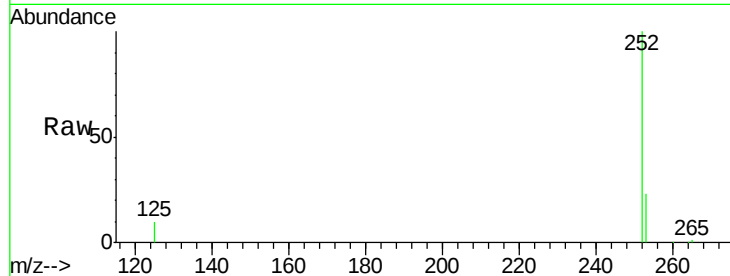
Tgt Ion:252 Resp: 52474

Ion Ratio Lower Upper

252 100

253 22.9 20.3 30.5

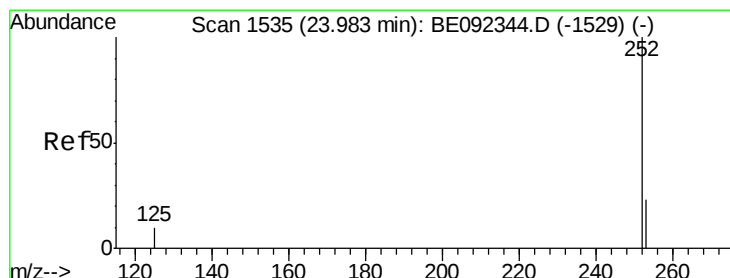
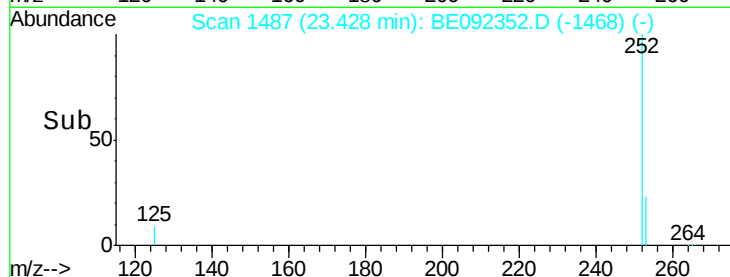
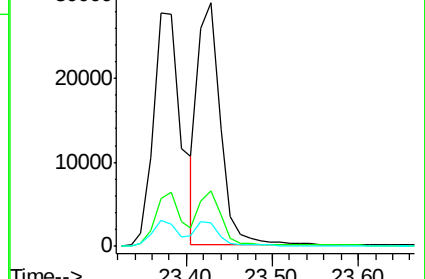
125 9.7 9.6 14.4



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: 4.51 ng

RT: 24.00 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

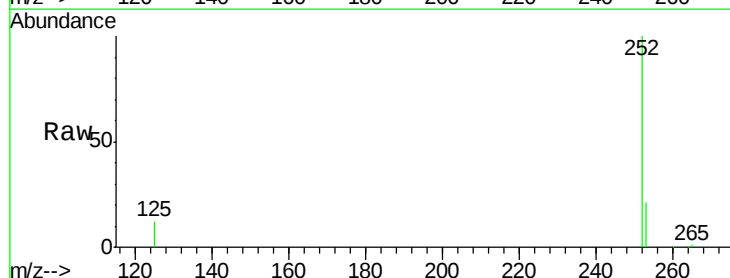
Tgt Ion:252 Resp: 55567

Ion Ratio Lower Upper

252 100

253 21.2 19.0 28.6

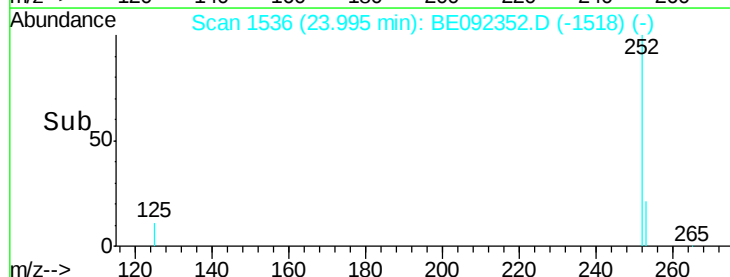
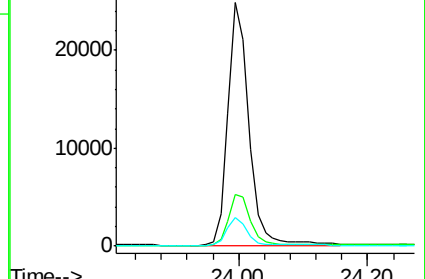
125 11.7 11.8 17.8#



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: 5.11 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_E

ClientSampleId :

PB93162BS

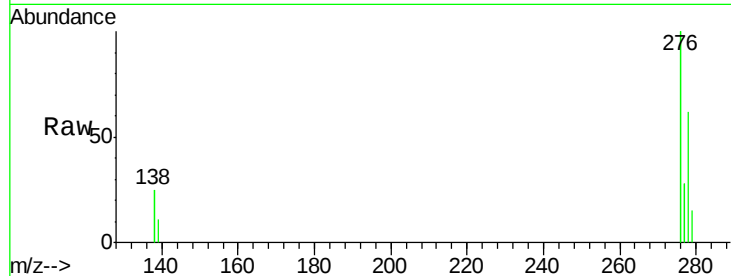
Tgt Ion: 278 Resp: 58282

Ion Ratio Lower Upper

278 100

139 17.3 13.8 20.8

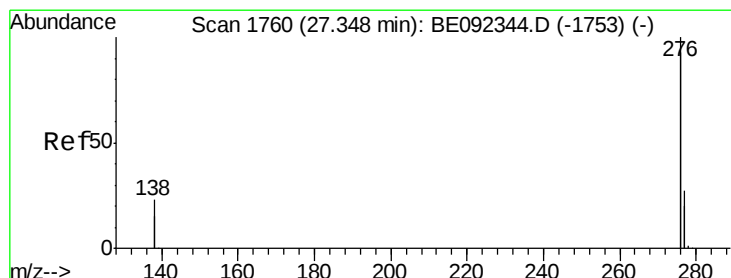
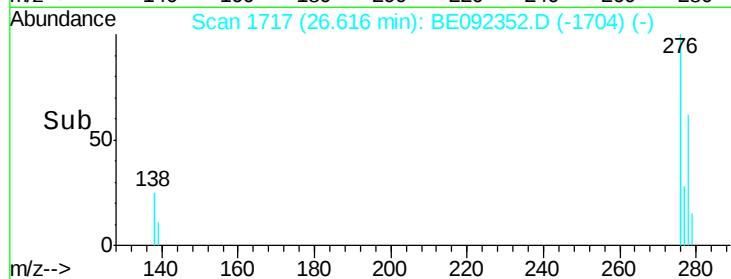
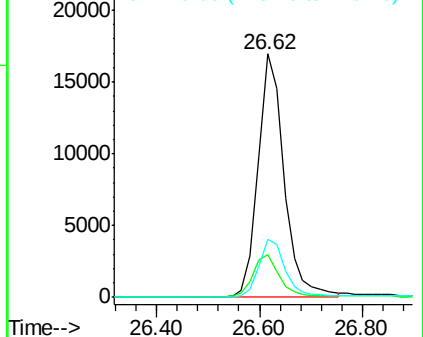
279 23.6 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 5.09 ng

RT: 27.37 min Scan# 1761

Delta R.T. 0.02 min

Lab File: BE092352.D

Acq: 2 Sep 2016 20:29

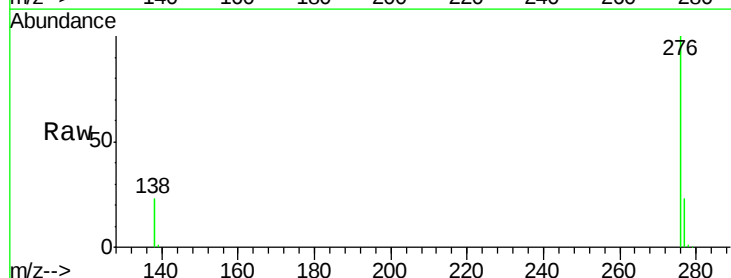
Tgt Ion: 276 Resp: 244635

Ion Ratio Lower Upper

276 100

277 23.3 19.8 29.8

138 22.8 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

