

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
 Data File : BE092338.D
 Acq On : 1 Sep 2016 20:52
 Operator : UM/SJ
 Sample : PB93078BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

Quant Time: Sep 02 03:40:33 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 03:36:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	10608	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	47383	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	25458	5.00	ng	-0.02
18) Phenanthrene-d10	17.58	188	52476	5.00	ng	0.00
24) Chrysene-d12	21.75	240	62991	5.00	ng	0.00
31) Perylene-d12	24.11	264	52192	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	23685	8.39	ng	0.00
5) Phenol-d6	7.34	99	32611	8.35	ng	-0.02
8) Nitrobenzene-d5	9.34	82	14338	4.14	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	7667	7.70	ng	-0.01
14) 2-Fluorobiphenyl	13.44	172	31377	4.04	ng	0.00
26) Terphenyl-d14	20.17	244	36306	4.18	ng	-0.02

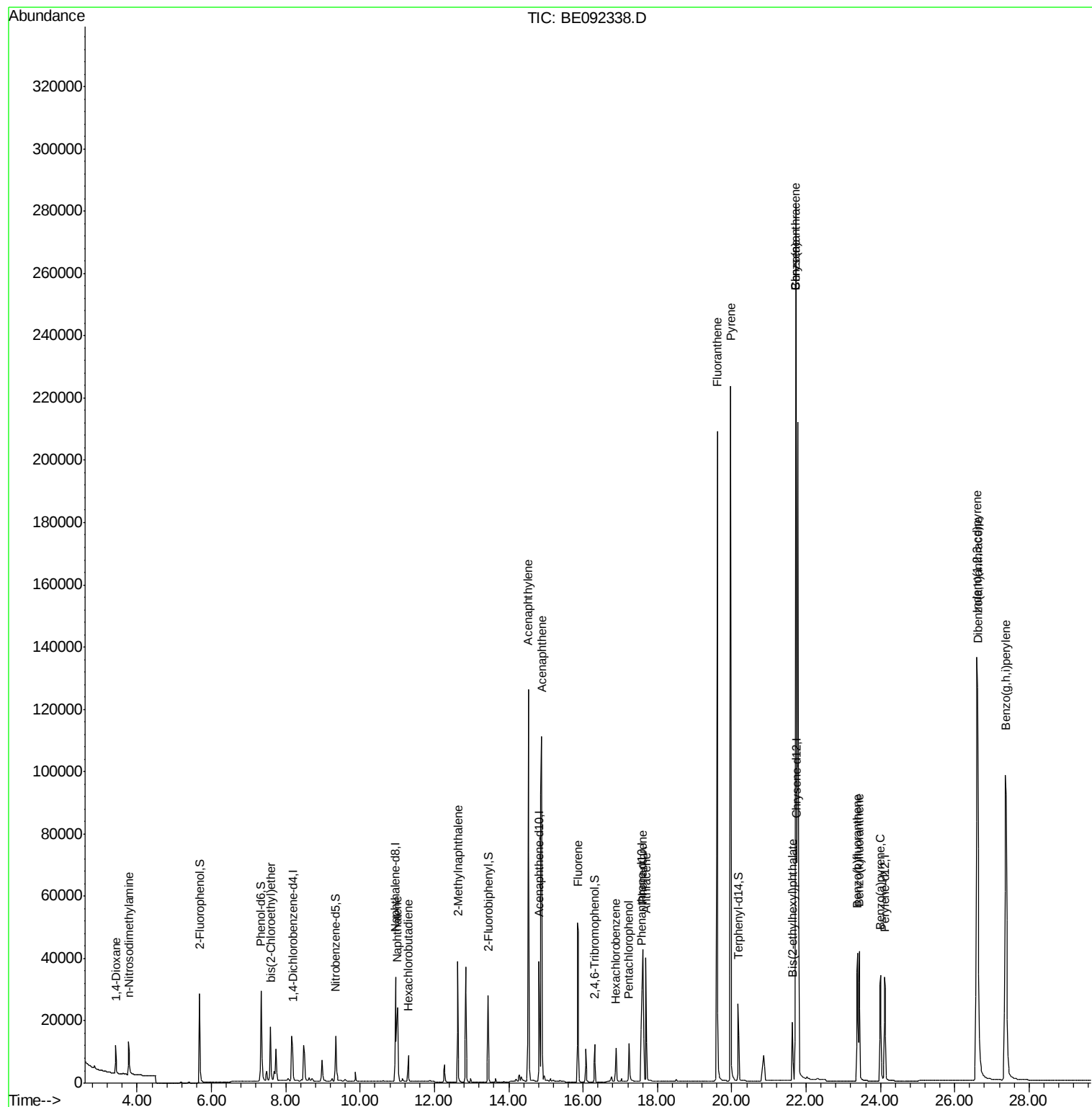
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	4969	3.79	ng	# 85
3) n-Nitrosodimethylamine	3.77	42	8188	5.19	ng	# 100
6) bis(2-Chloroethyl)ether	7.59	93	13918	3.96	ng	# 90
9) Naphthalene	11.01	128	42775	4.08	ng	# 94
10) Hexachlorobutadiene	11.30	225	6705	4.04	ng	99
11) 2-Methylnaphthalene	12.62	142	29881	4.33	ng	97
15) Acenaphthylene	14.53	152	187690	4.25	ng	100
16) Acenaphthene	14.88	154	27525	3.88	ng	93
17) Fluorene	15.87	166	36305	4.02	ng	99
19) Hexachlorobenzene	16.89	284	10952	4.75	ng	# 64
20) Pentachlorophenol	17.23	266	9428	6.81	ng	# 85
21) Phenanthrene	17.60	178	56880	4.46	ng	# 98
22) Anthracene	17.69	178	54953	4.43	ng	98
23) Fluoranthene	19.61	202	254702	3.99	ng	99
25) Pyrene	19.97	202	260396	4.53	ng	99
27) Benzo(a)anthracene	21.72	228	525880	7.52	ng	# 91
28) Chrysene	21.72	228	528371	8.93	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.63	149	26108	3.85	ng	# 100
30) Indeno(1,2,3-cd)pyrene	26.60	276	294925	4.27	ng	100
32) Benzo(b)fluoranthene	23.38	252	63404	4.50	ng	# 96
33) Benzo(k)fluoranthene	23.43	252	57324	4.17	ng	# 94
34) Benzo(a)pyrene	24.01	252	58409	4.37	ng	# 95
35) Dibenzo(a,h)anthracene	26.62	278	61373	4.86	ng	94
36) Benzo(g,h,i)perylene	27.37	276	253367	4.85	ng	96

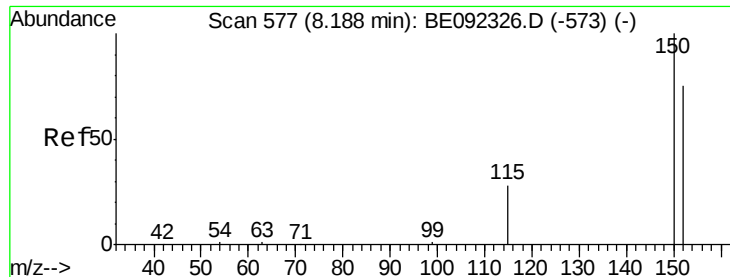
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

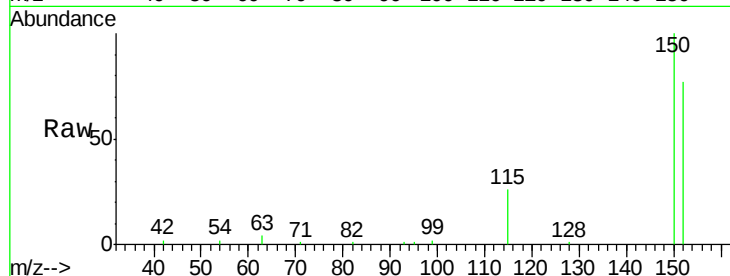
Tgt Ion: 152 Resp: 10608

Ion Ratio Lower Upper

152 100

150 129.5 106.0 159.0

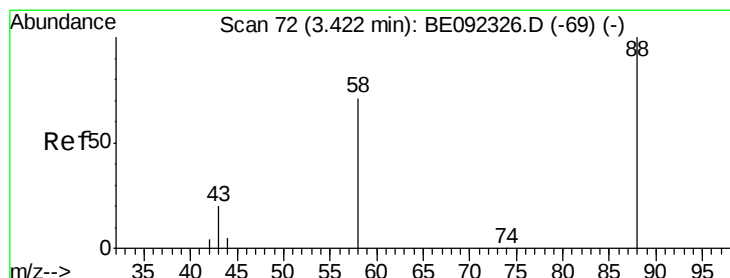
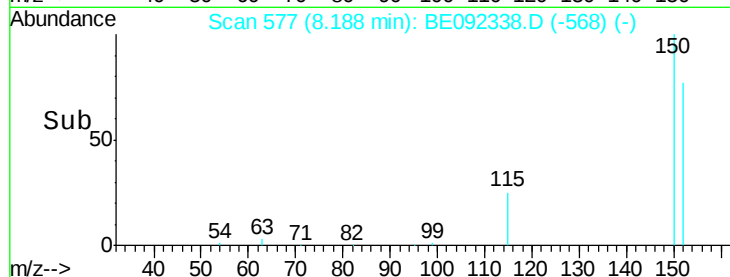
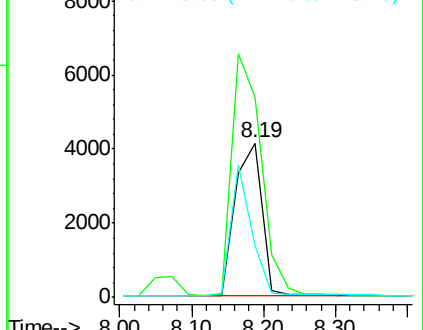
115 33.2 31.2 46.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.79 ng

RT: 3.42 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

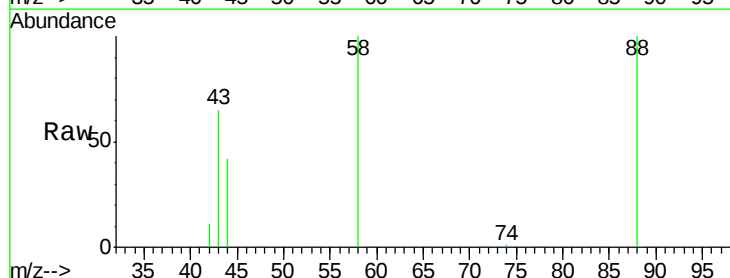
Tgt Ion: 88 Resp: 4969

Ion Ratio Lower Upper

88 100

58 89.6 63.6 95.4

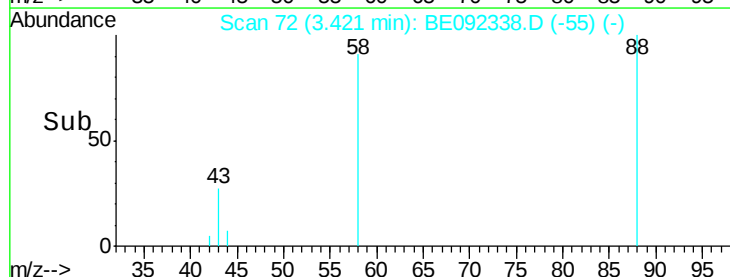
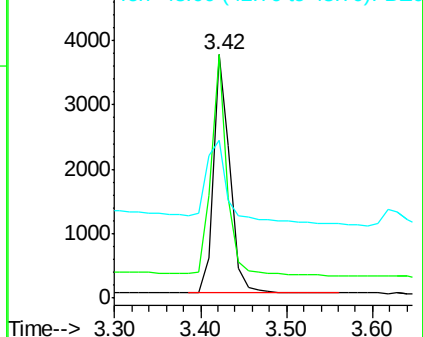
43 48.9 28.0 42.0#

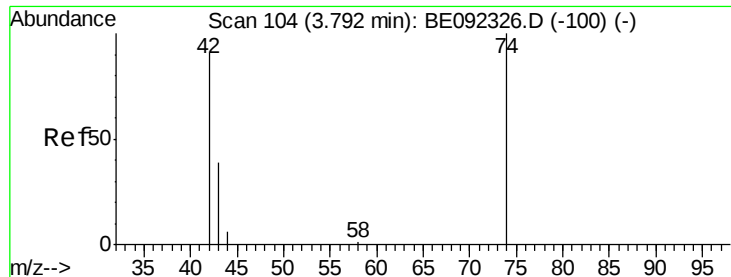


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



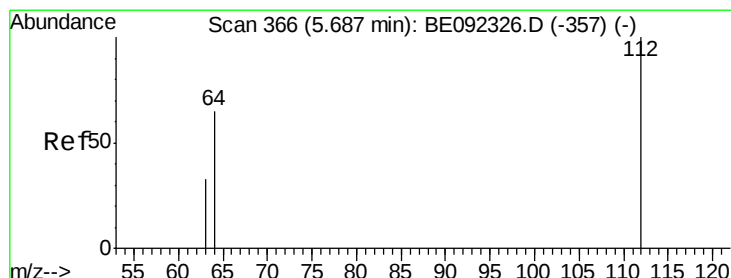
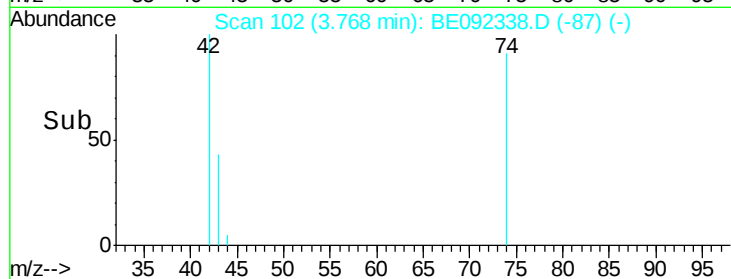
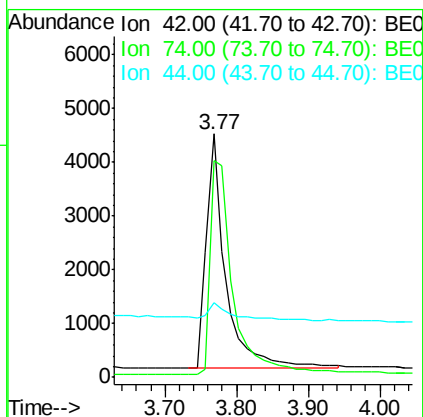
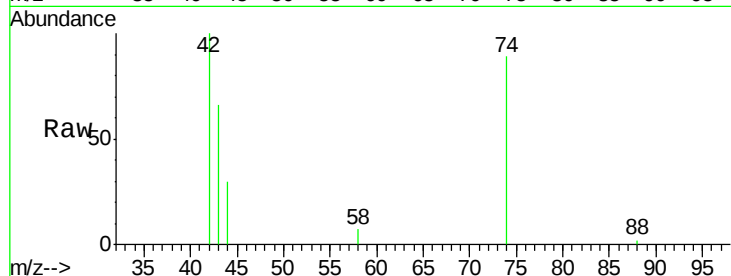


#3

n-Nitrosodimethylamine
Concen: 5.19 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.02 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

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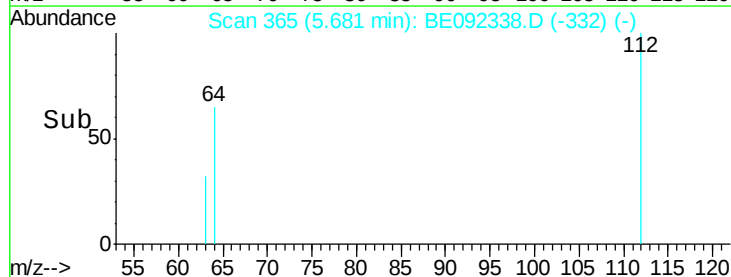
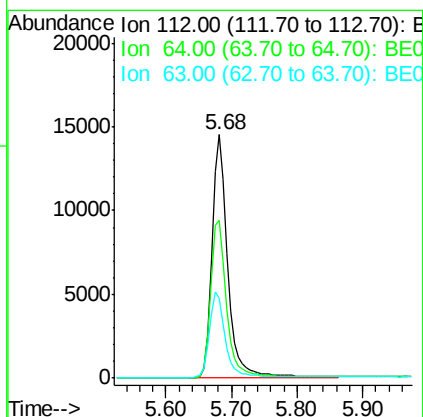
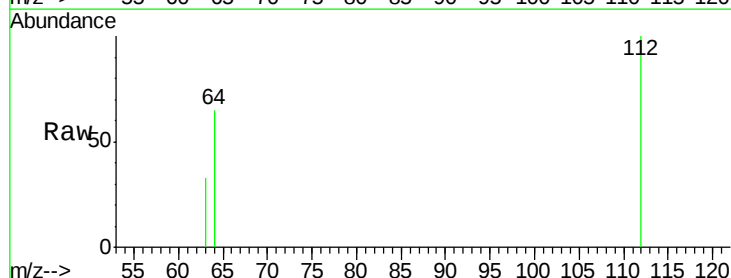
Tgt Ion: 42 Resp: 8188
Ion Ratio Lower Upper
42 100
74 107.6 86.0 129.0
44 8.5 5.1 7.7#

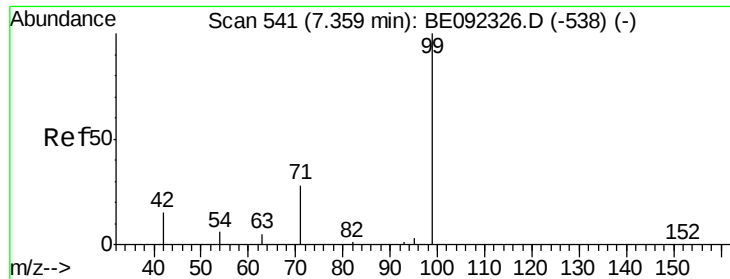


#4

2-Fluorophenol
Concen: 8.39 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

Tgt Ion: 112 Resp: 23685
Ion Ratio Lower Upper
112 100
64 66.9 53.5 80.3
63 35.7 27.9 41.9





#5

Phenol-d6

Concen: 8.35 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

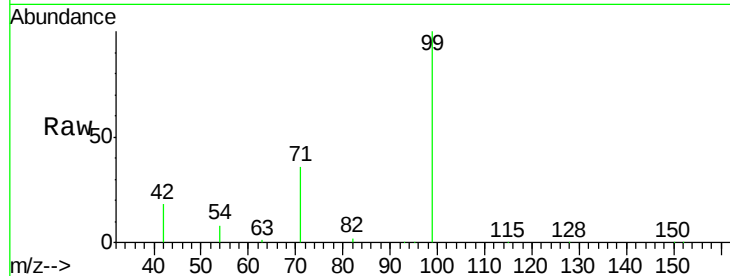
Tgt Ion: 99 Resp: 32611

Ion Ratio Lower Upper

99 100

42 22.6 0.0 0.0#

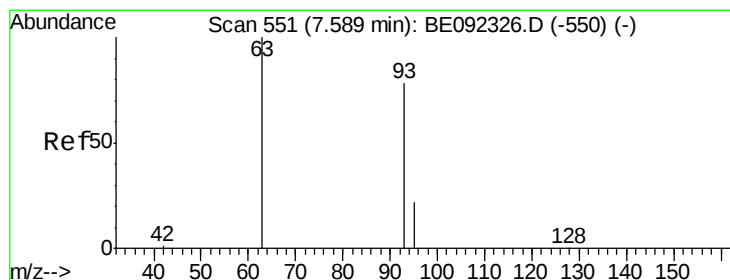
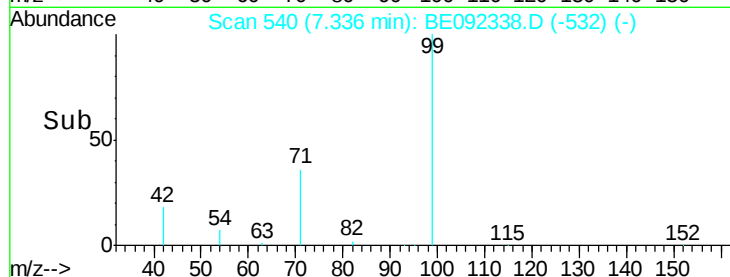
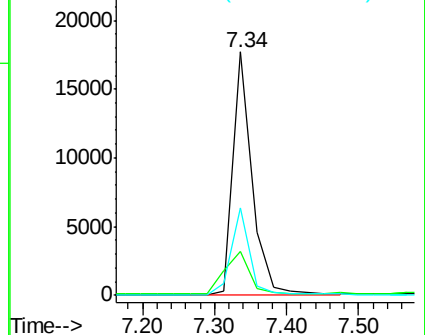
71 34.3 30.6 45.8



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: 3.96 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

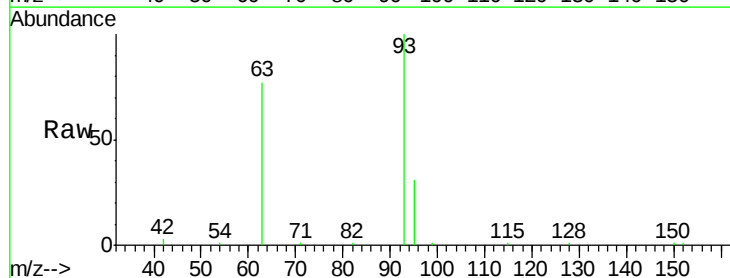
Tgt Ion: 93 Resp: 13918

Ion Ratio Lower Upper

93 100

63 80.3 71.6 107.4

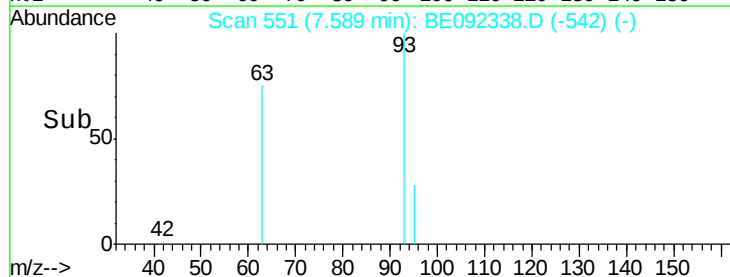
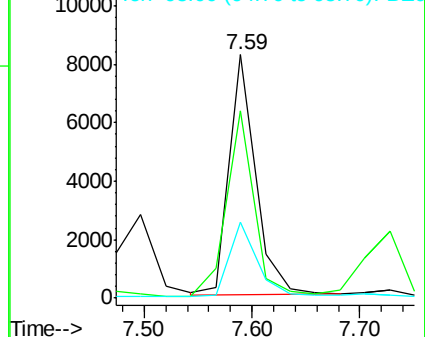
95 32.9 0.0 0.0#

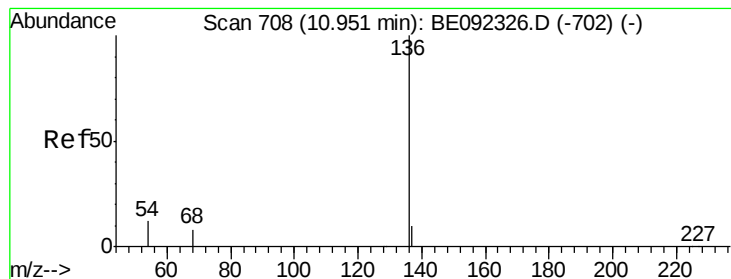


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092338.D

Acq: 1 Sep 2016 20:52

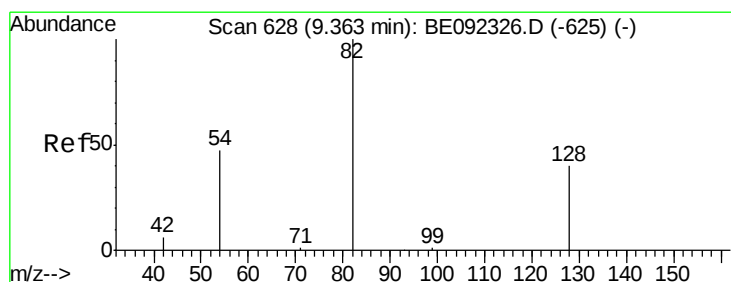
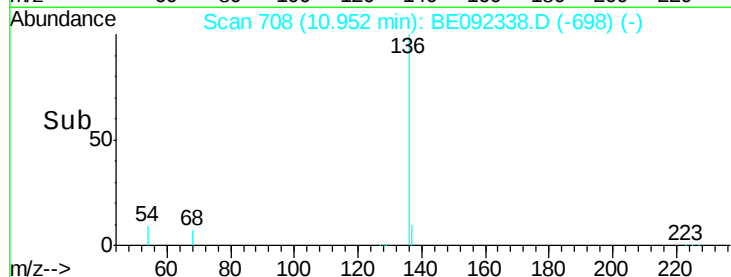
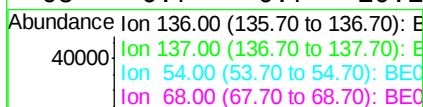
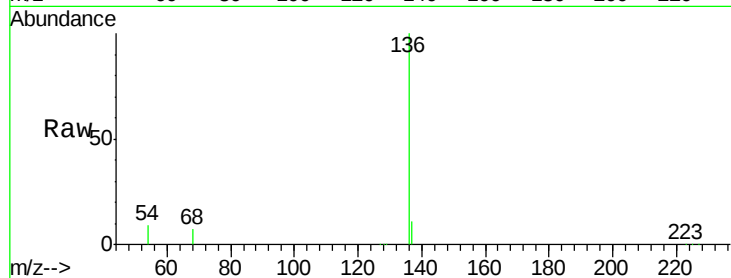
Instrument :

BNA_E

ClientSampleId :

PB93078BS

Tgt Ion:	136	Resp:	47383
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.2	9.6	14.4#
68	6.7	6.7	10.1#



#8

Nitrobenzene-d5

Concen: 4.14 ng

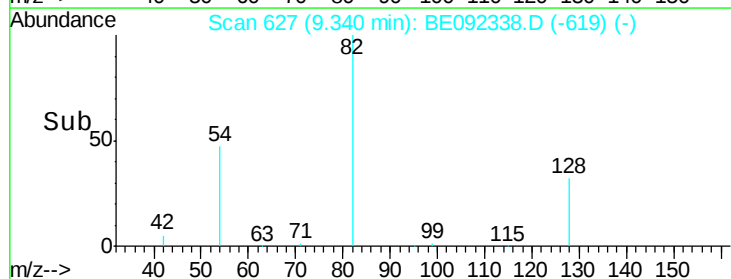
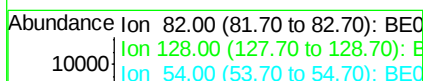
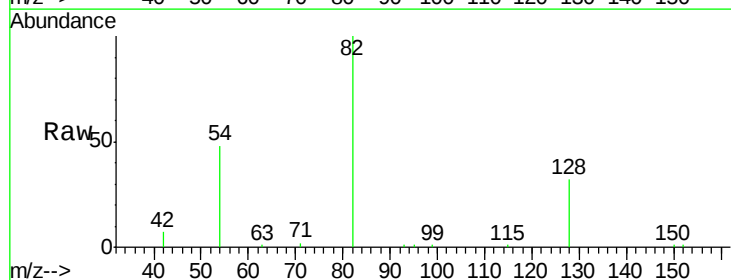
RT: 9.34 min Scan# 627

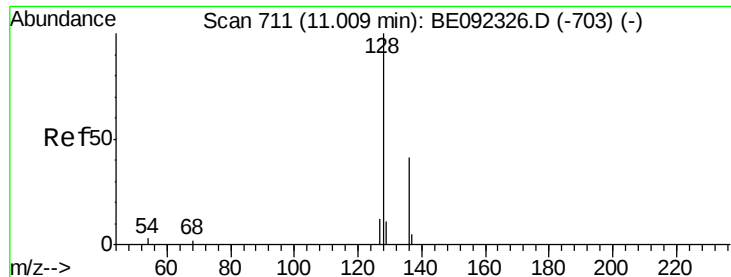
Delta R.T. -0.02 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Tgt Ion:	82	Resp:	14338
Ion	Ratio	Lower	Upper
82	100		
128	32.0	39.0	58.4#
54	47.7	44.8	67.2





#9

Naphthalene

Concen: 4.08 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

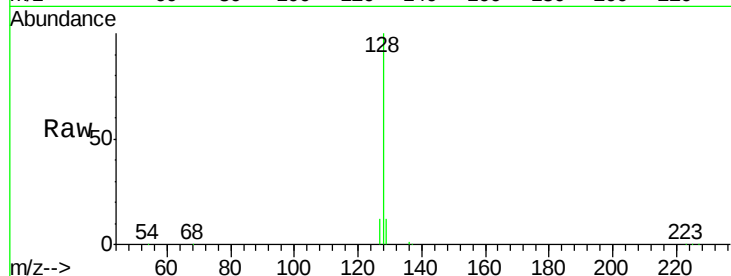
Tgt Ion:128 Resp: 42775

Ion Ratio Lower Upper

128 100

129 12.1 11.2 16.8

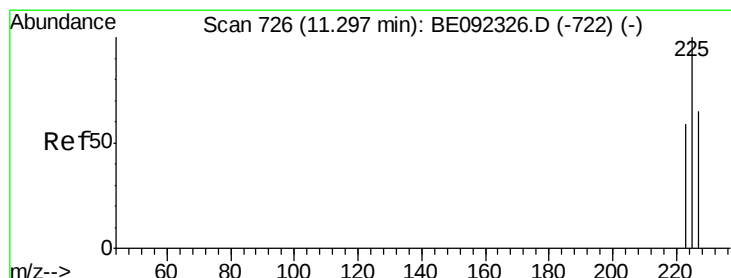
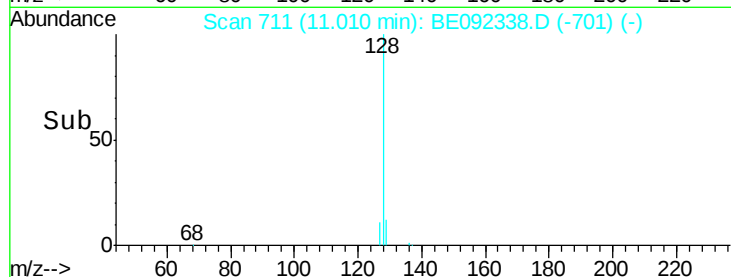
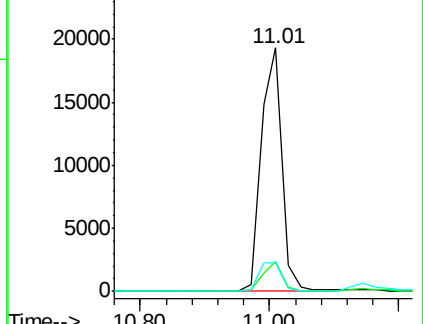
127 11.6 11.6 17.4#



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: 4.04 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

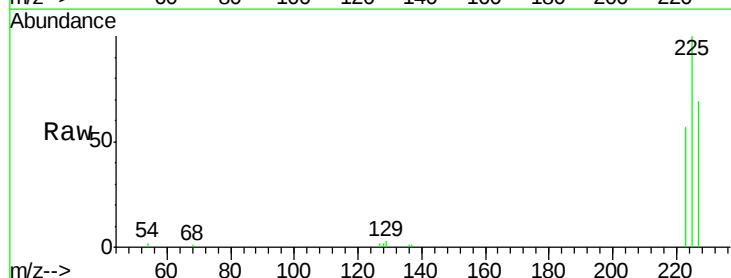
Tgt Ion:225 Resp: 6705

Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

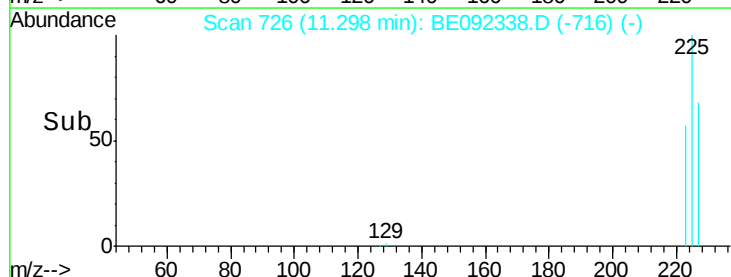
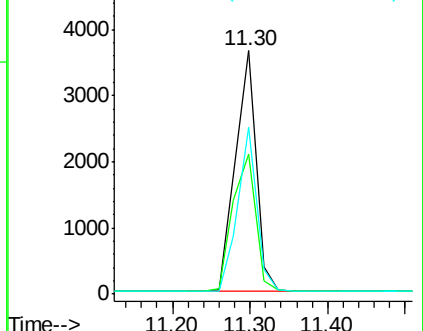
227 63.8 51.4 77.0

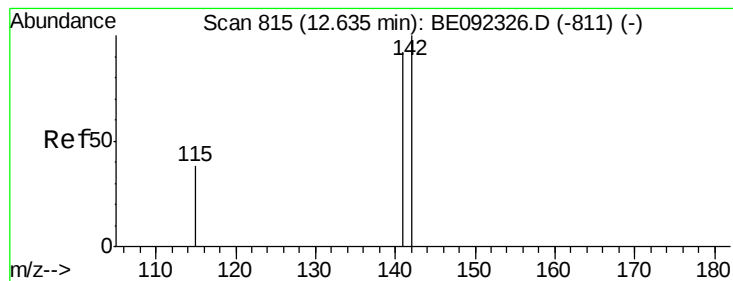


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 4.33 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.01 min

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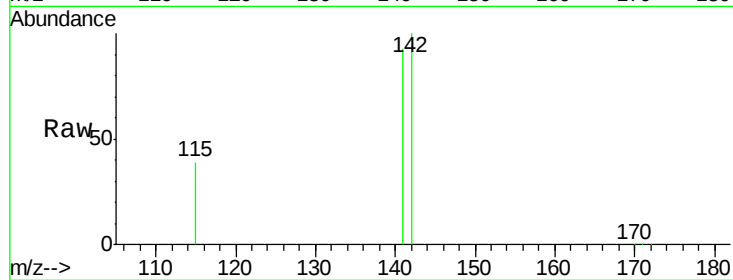
Tgt Ion:142 Resp: 29881

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

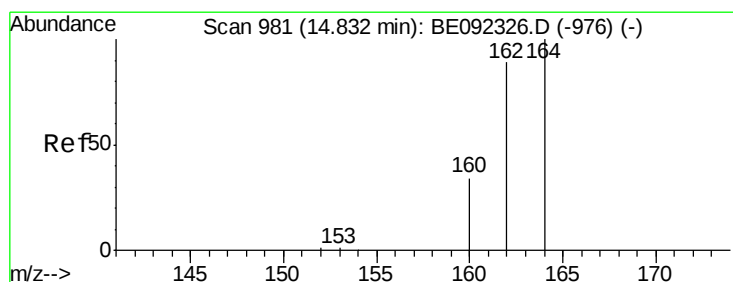
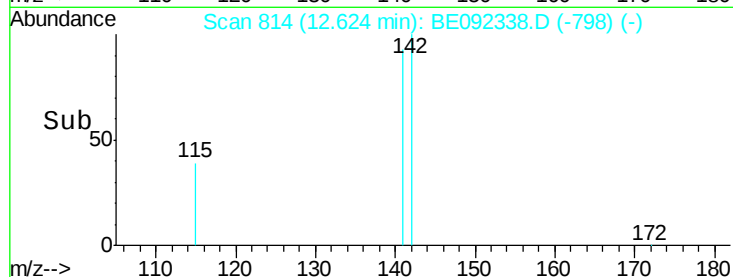
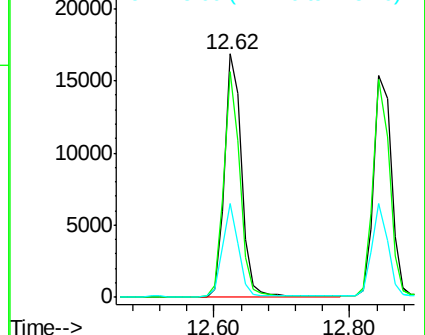
115 38.7 34.0 51.0



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. -0.02 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

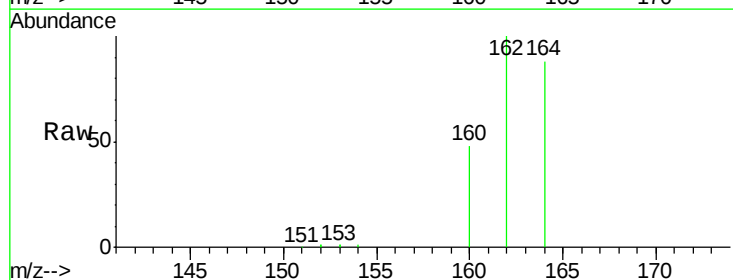
Tgt Ion:164 Resp: 25458

Ion Ratio Lower Upper

164 100

162 113.7 71.4 107.0#

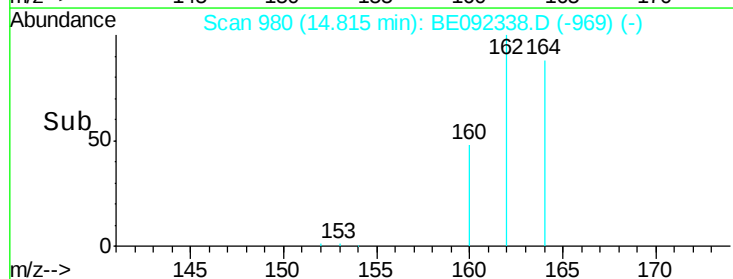
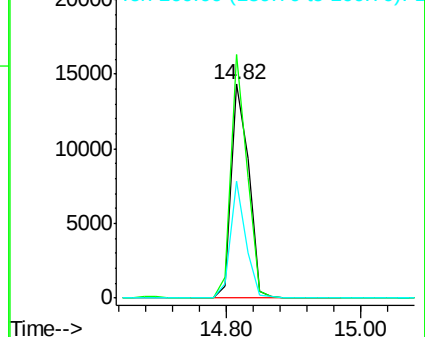
160 54.7 27.4 41.2#

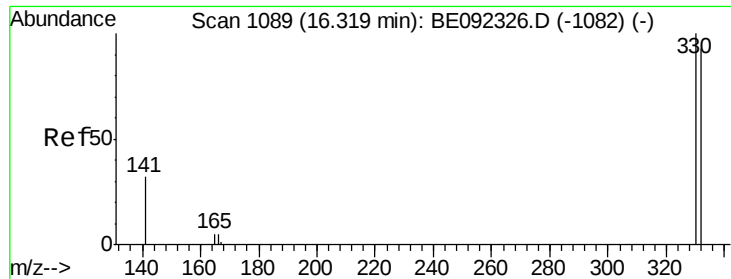


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

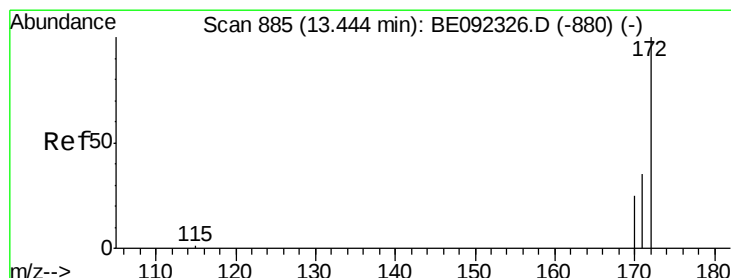
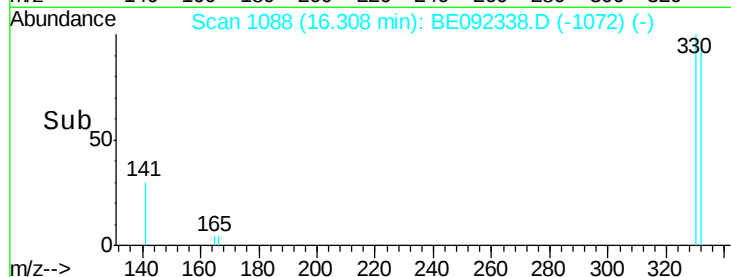
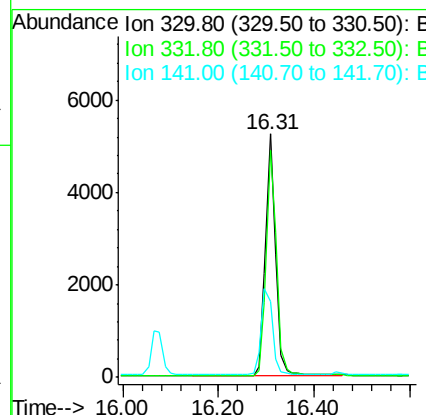
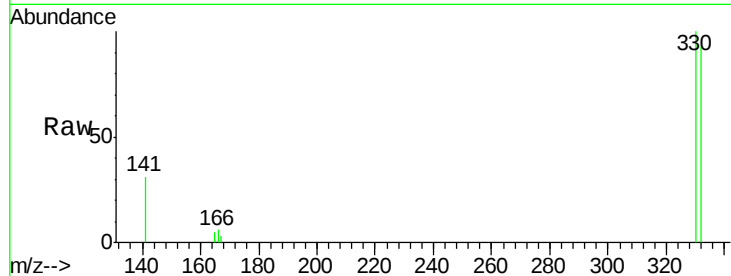




#13
 2,4,6-Tribromophenol
 Concen: 7.70 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

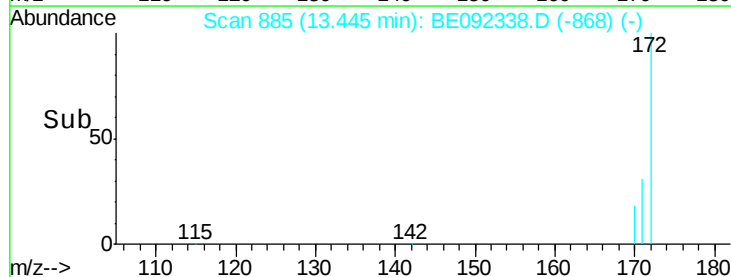
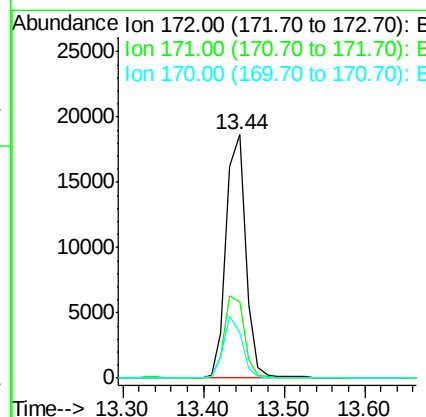
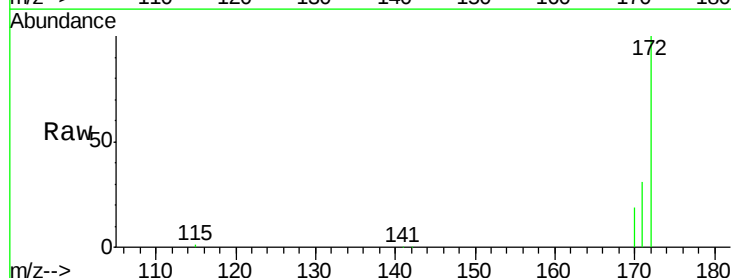
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

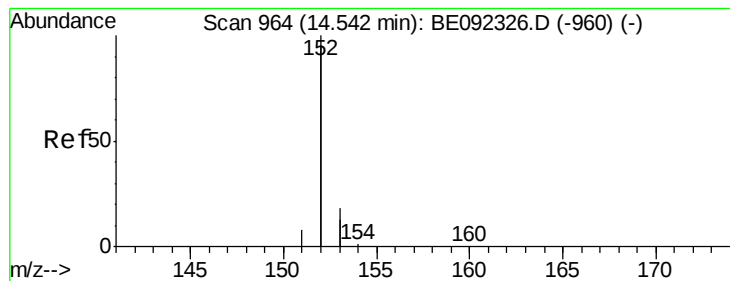
Tgt Ion:330 Resp: 7667
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 40.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 13.44 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

Tgt Ion:172 Resp: 31377
 Ion Ratio Lower Upper
 172 100
 171 31.0 30.1 45.1
 170 18.6 21.8 32.6#





#15

Acenaphthylene

Concen: 4.25 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.02 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

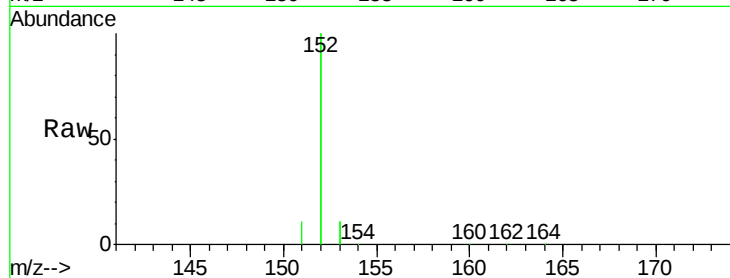
Tgt Ion:152 Resp: 187690

Ion Ratio Lower Upper

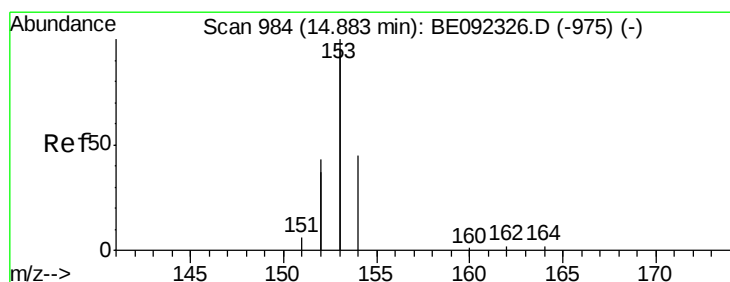
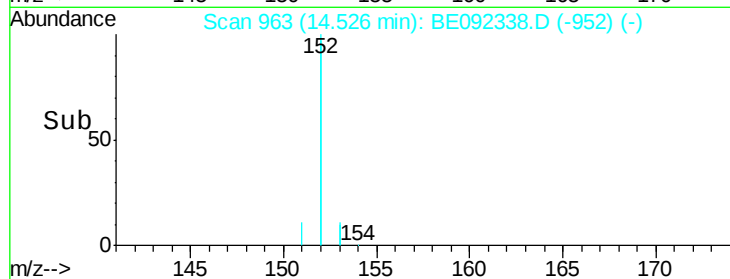
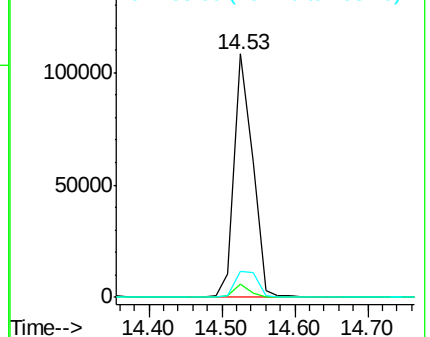
152 100

151 4.9 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: 3.88 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

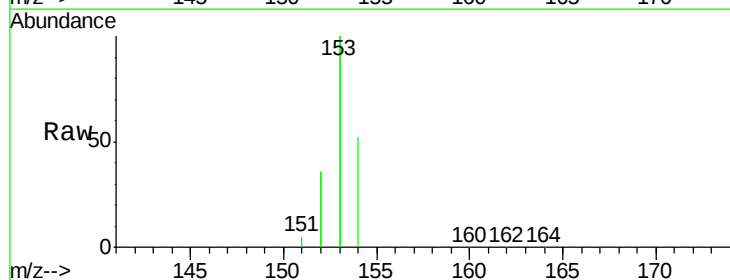
Tgt Ion:154 Resp: 27525

Ion Ratio Lower Upper

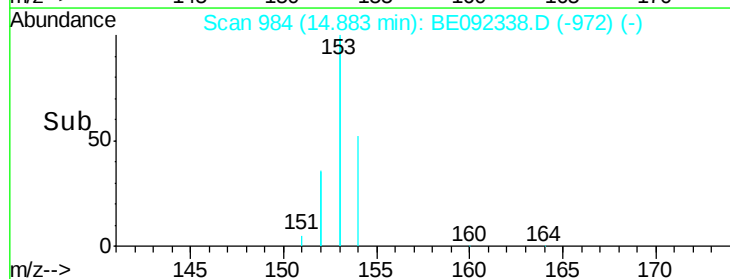
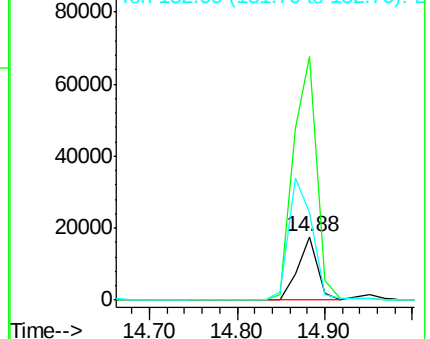
154 100

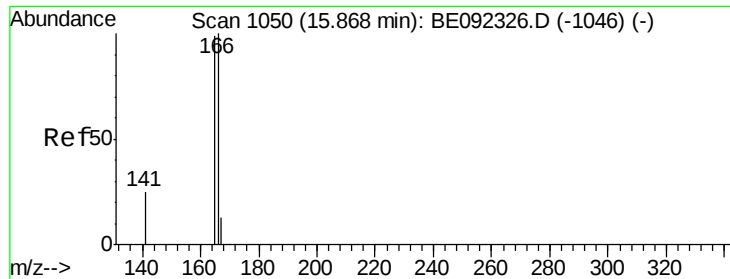
153 453.4 350.8 526.2

152 227.4 171.1 256.7



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: 4.02 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

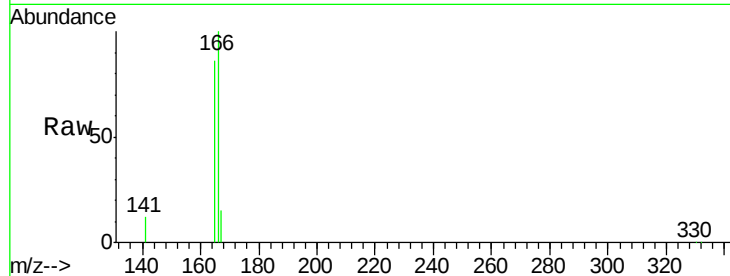
Tgt Ion:166 Resp: 36305

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

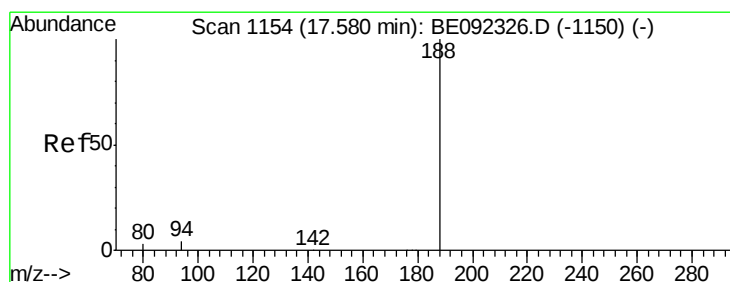
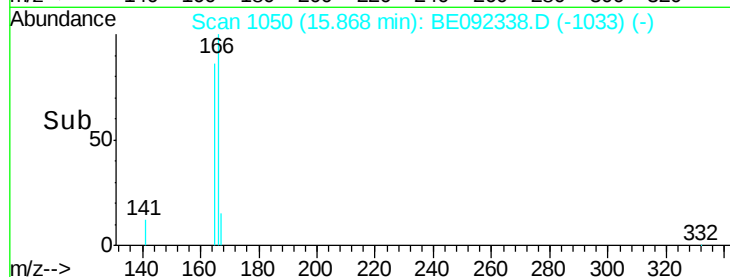
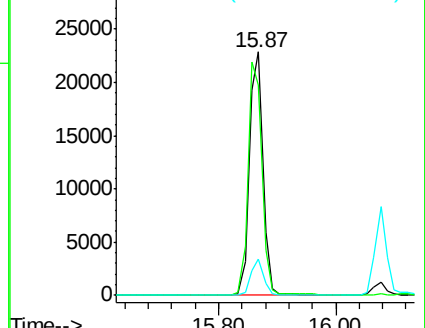
167 13.5 11.0 16.4



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. -0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

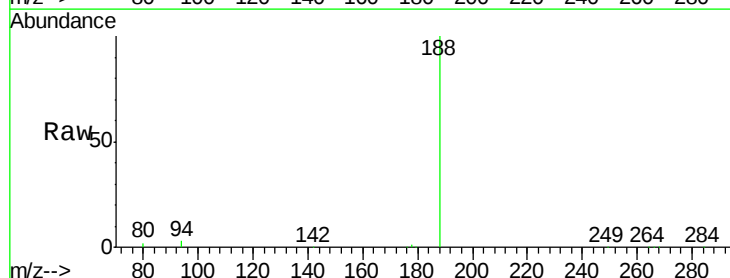
Tgt Ion:188 Resp: 52476

Ion Ratio Lower Upper

188 100

94 3.0 3.2 4.8#

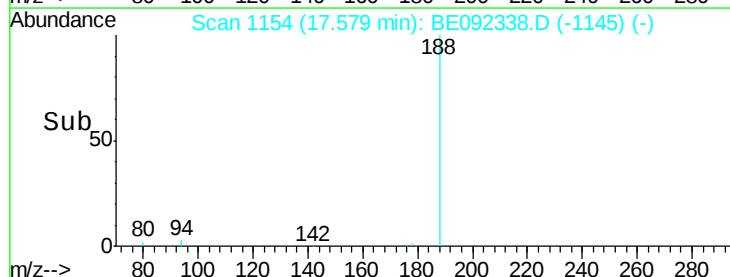
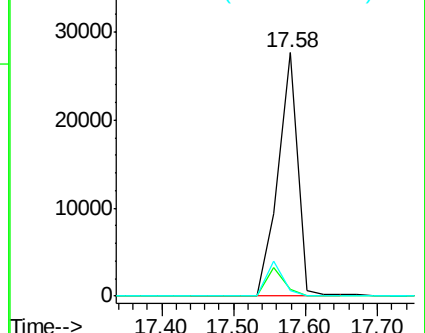
80 2.4 2.6 3.8#

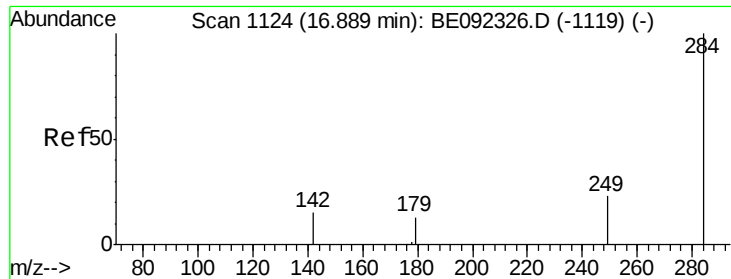


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

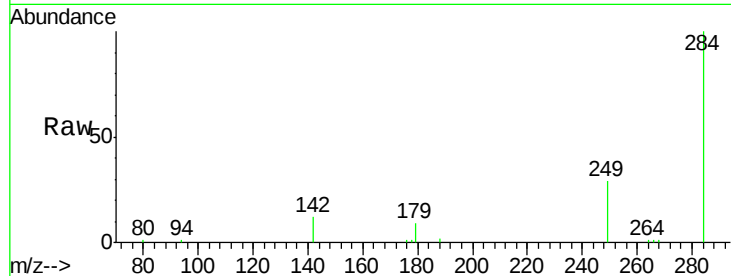




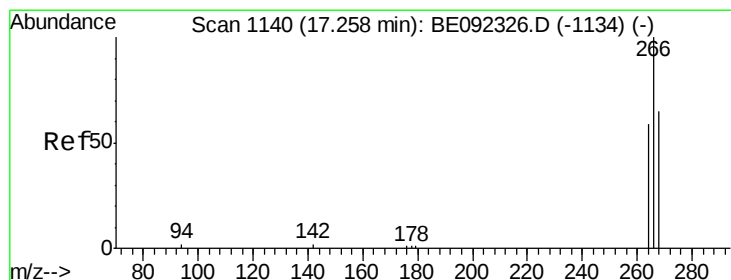
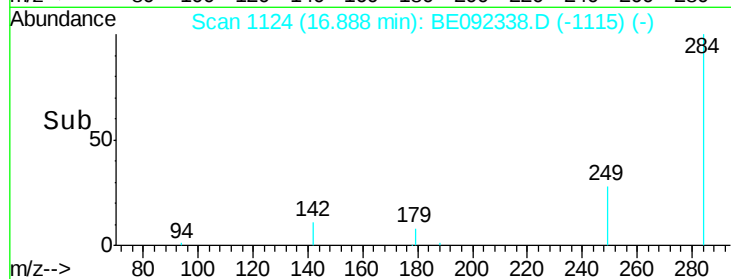
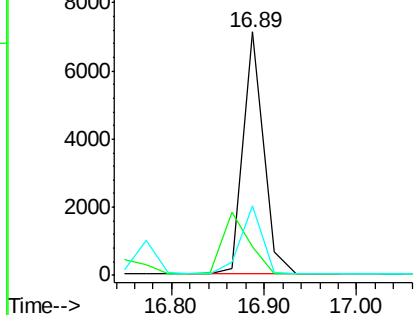
#19
Hexachlorobenzene
Concen: 4.75 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
PB93078BS

Tgt Ion: 284 Resp: 10952
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 30.0 27.9 41.9

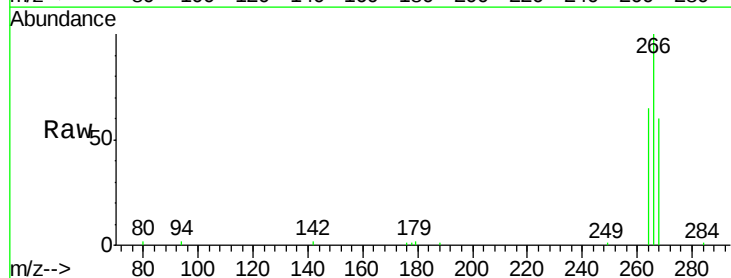


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

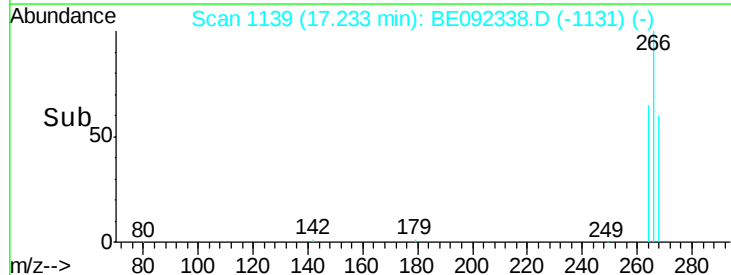
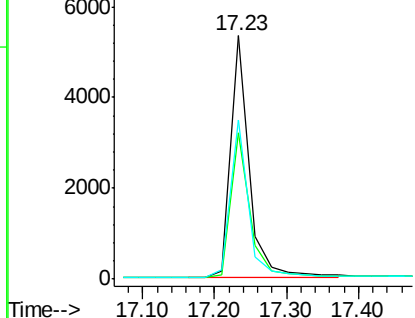


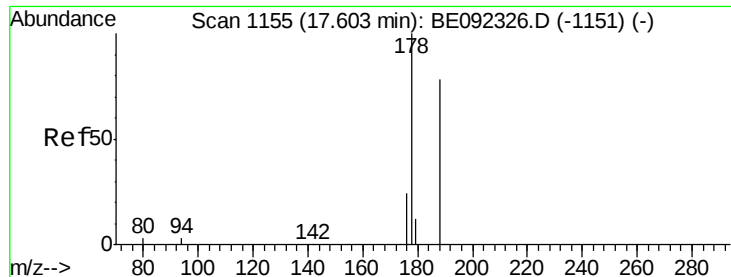
#20
Pentachlorophenol
Concen: 6.81 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

Tgt Ion: 266 Resp: 9428
Ion Ratio Lower Upper
266 100
268 60.0 62.5 93.7#
264 65.2 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 4.46 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

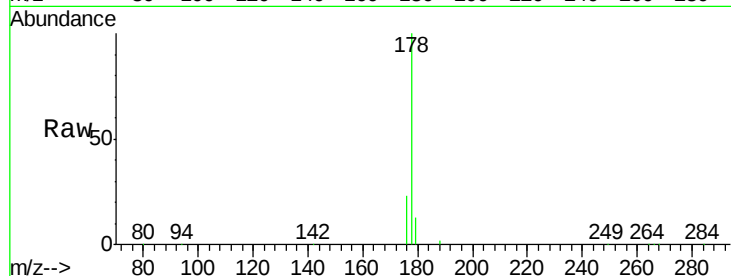
Tgt Ion:178 Resp: 56880

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

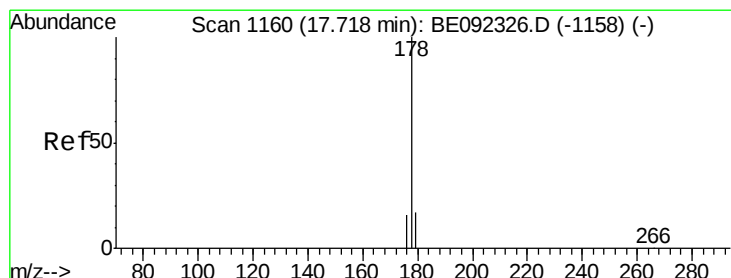
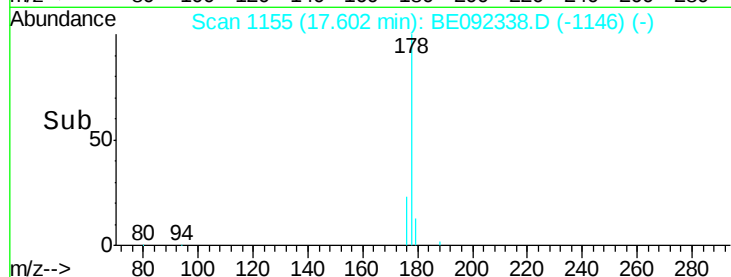
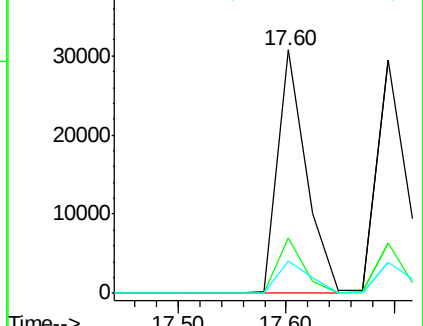
179 15.0 0.0 0.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 4.43 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

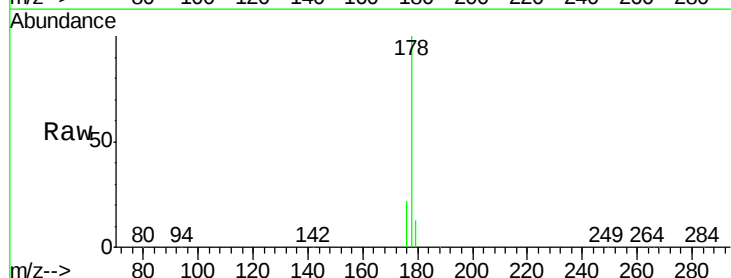
Tgt Ion:178 Resp: 54953

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

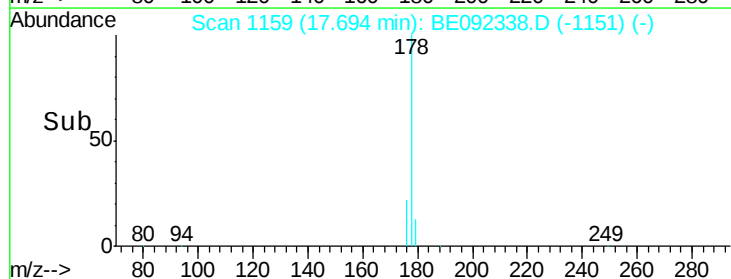
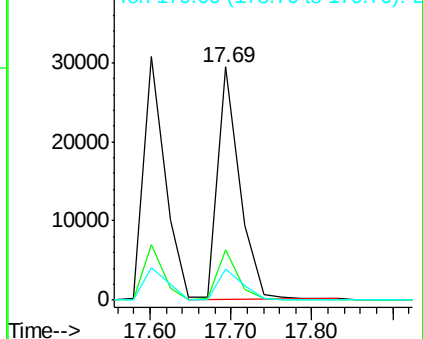
179 14.8 12.2 18.2

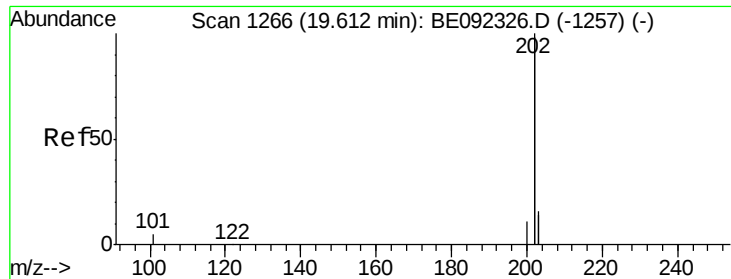


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

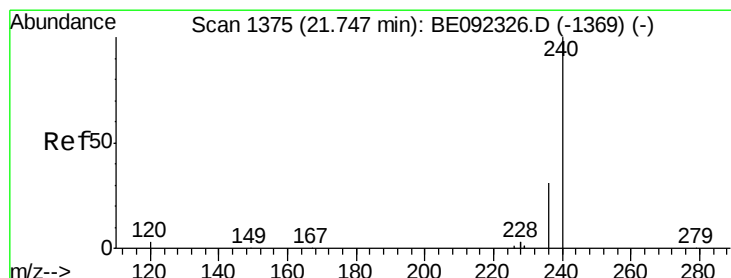
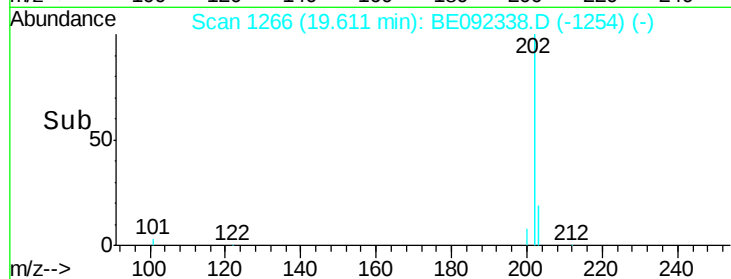
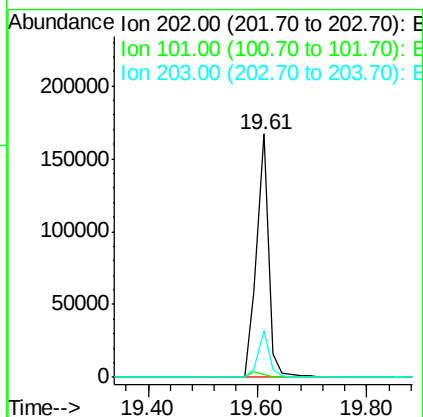
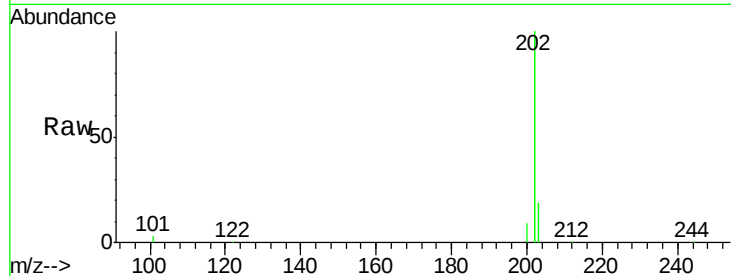




#23
Fluoranthene
Concen: 3.99 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

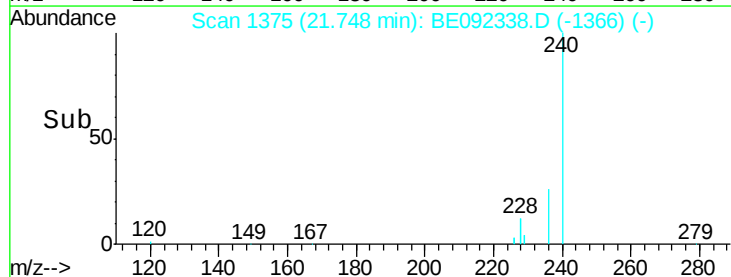
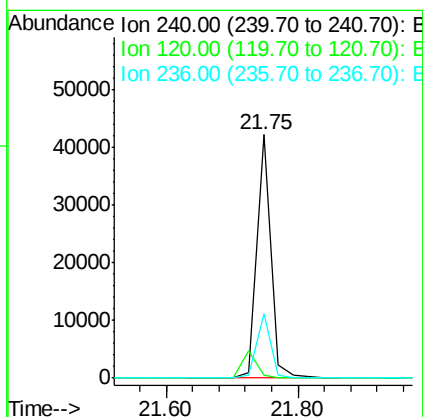
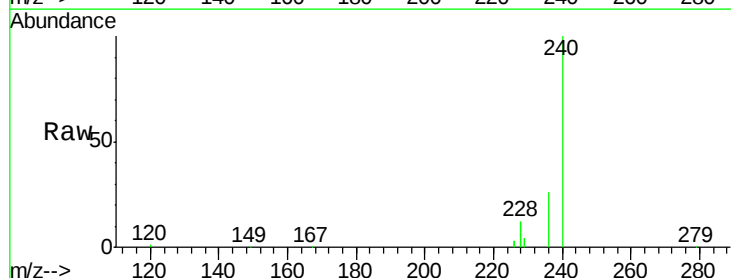
Instrument :
BNA_E
ClientSampleId :
PB93078BS

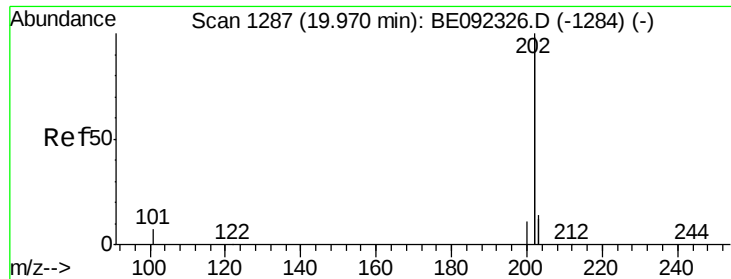
Tgt Ion: 202 Resp: 254702
Ion Ratio Lower Upper
202 100
101 2.7 2.2 3.4
203 17.7 13.7 20.5



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

Tgt Ion: 240 Resp: 62991
Ion Ratio Lower Upper
240 100
120 1.4 2.6 4.0#
236 26.5 24.6 37.0

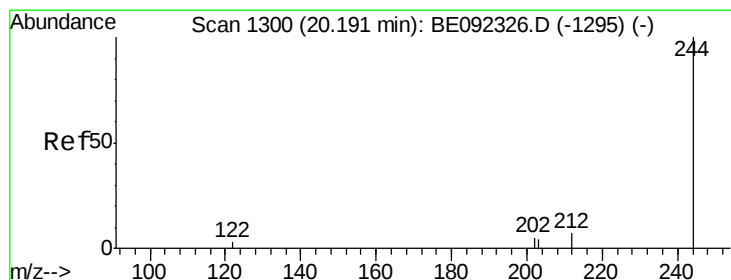
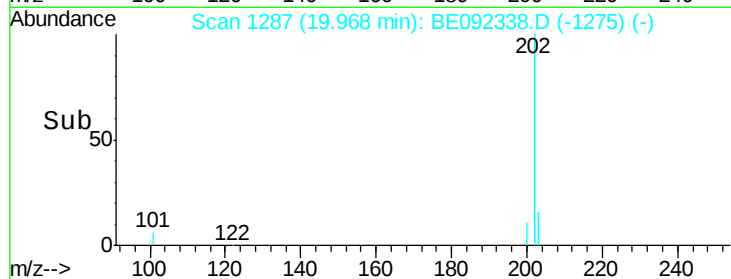
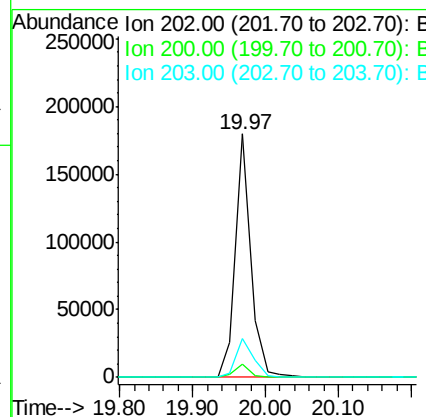
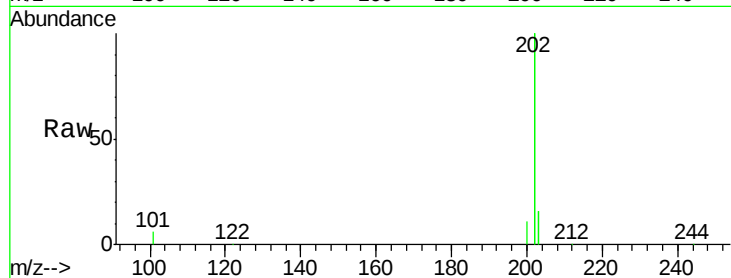




#25
 Pyrene
 Concen: 4.53 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

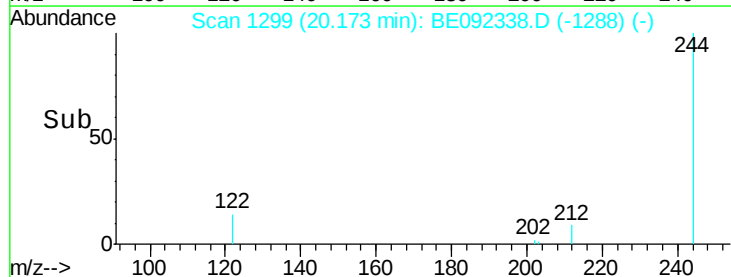
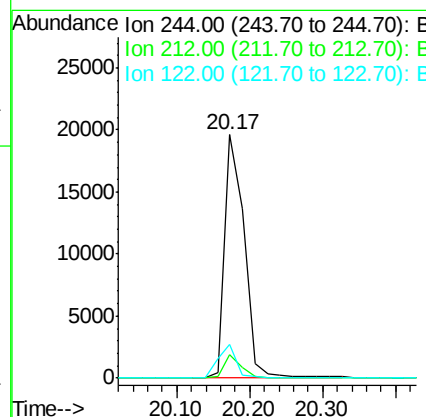
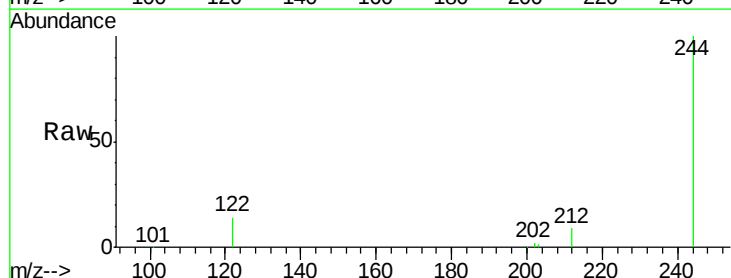
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

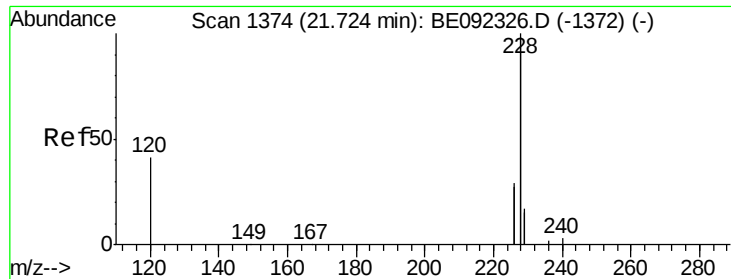
Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	18.0	13.9	20.9



#26
 Terphenyl-d14
 Concen: 4.18 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.7	10.1
122	13.9	3.6	5.4

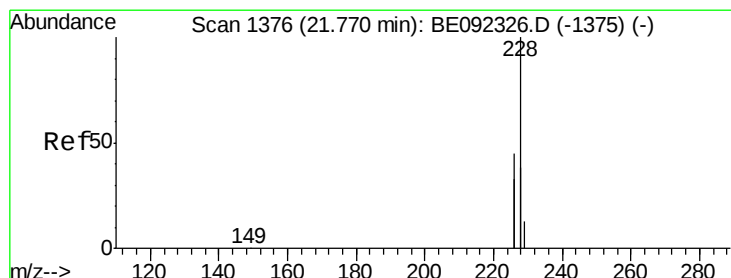
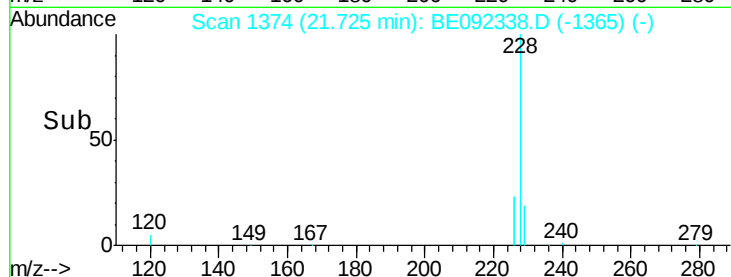
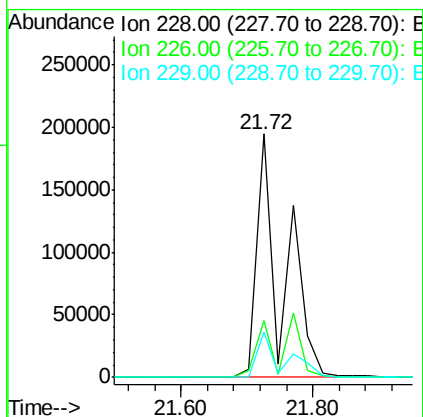
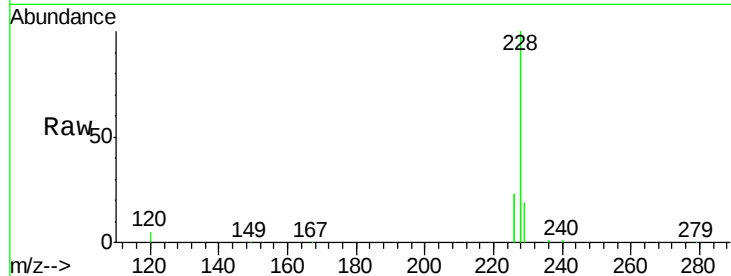




#27
Benzo(a)anthracene
Concen: 7.52 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

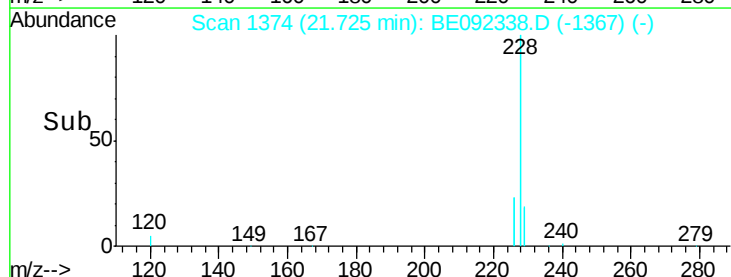
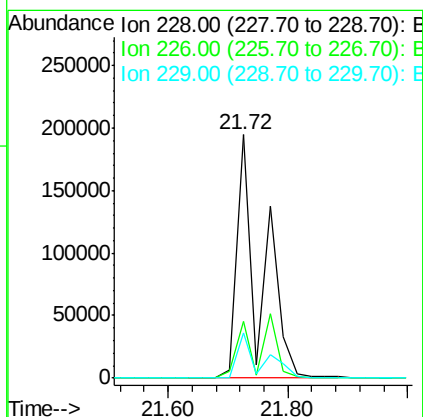
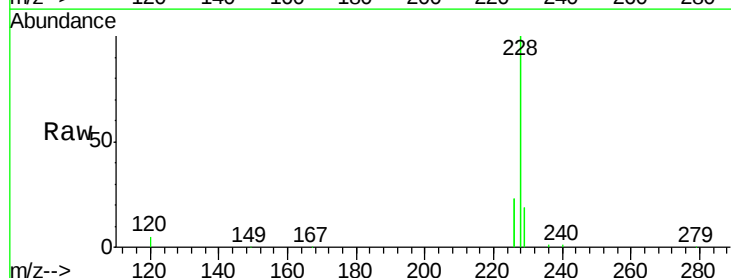
Instrument :
BNA_E
ClientSampleId :
PB93078BS

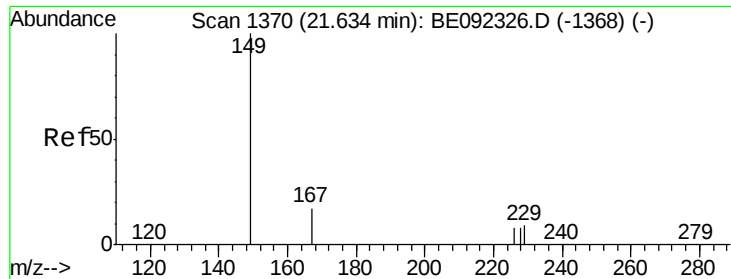
Tgt Ion:228 Resp: 525880
Ion Ratio Lower Upper
228 100
226 23.2 23.6 35.4#
229 18.6 13.3 19.9



#28
Chrysene
Concen: 8.93 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092338.D
Acq: 1 Sep 2016 20:52

Tgt Ion:228 Resp: 528371
Ion Ratio Lower Upper
228 100
226 23.2 36.3 54.5#
229 18.6 10.6 16.0#

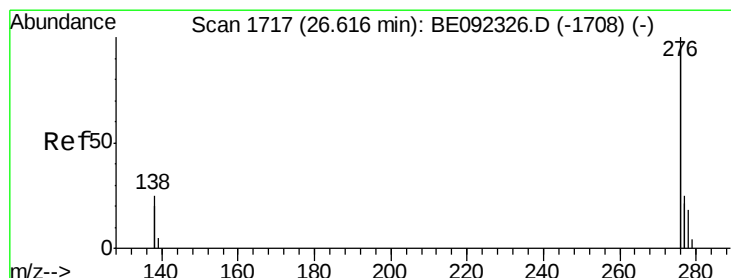
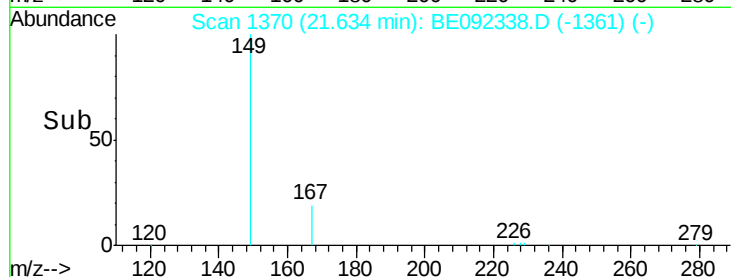
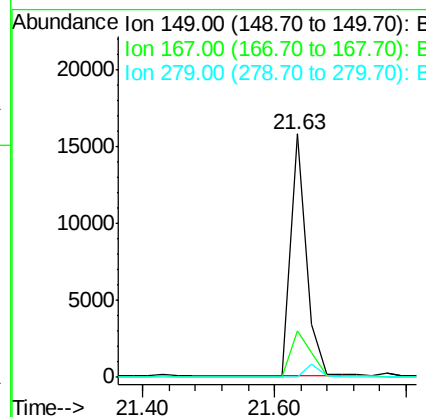
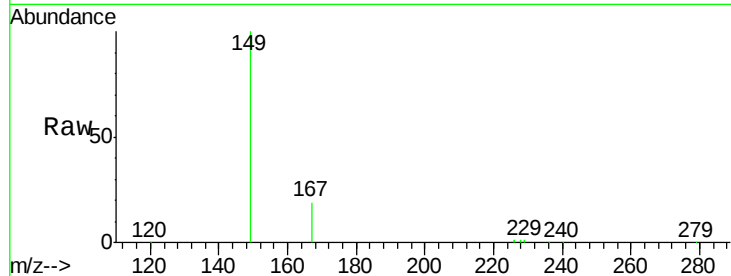




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 3.85 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

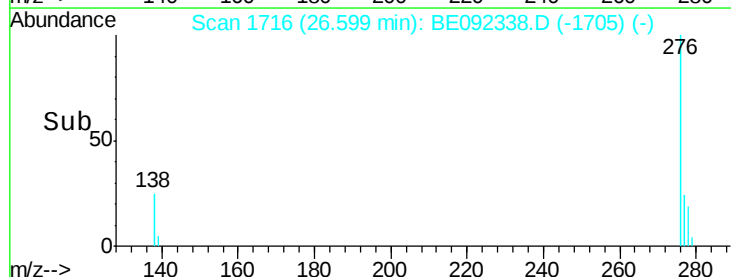
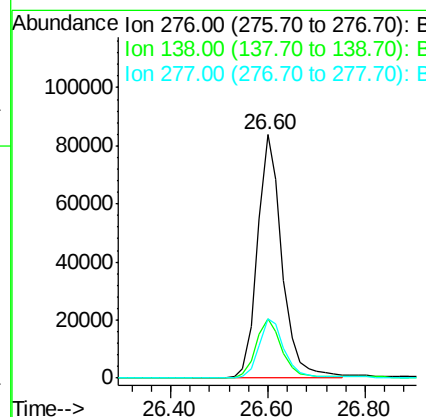
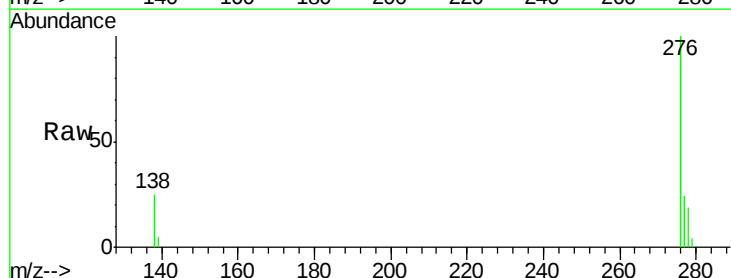
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

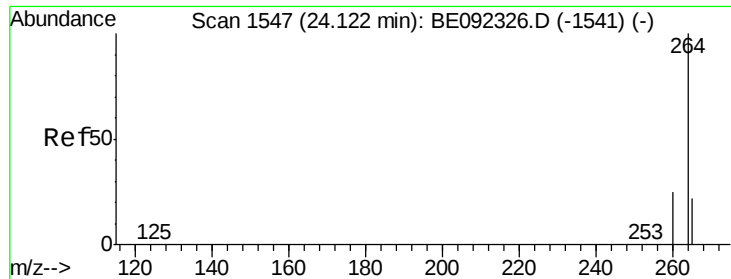
Tgt Ion:149 Resp: 26108
 Ion Ratio Lower Upper
 149 100
 167 23.9 0.0 0.0#
 279 0.0 0.0 0.0



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 4.27 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

Tgt Ion:276 Resp: 294925
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.3 30.5
 277 24.9 19.7 29.5

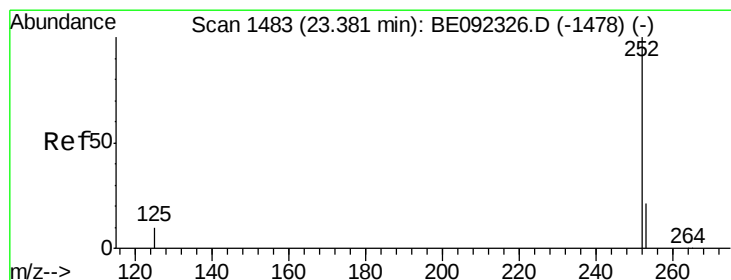
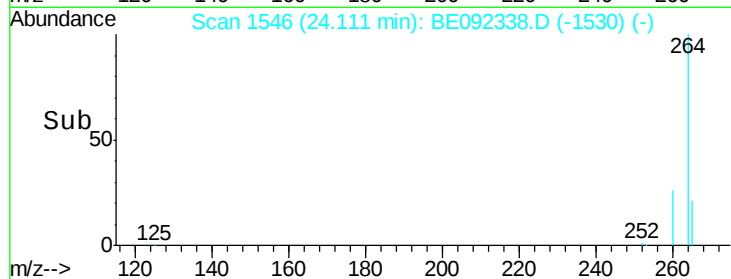
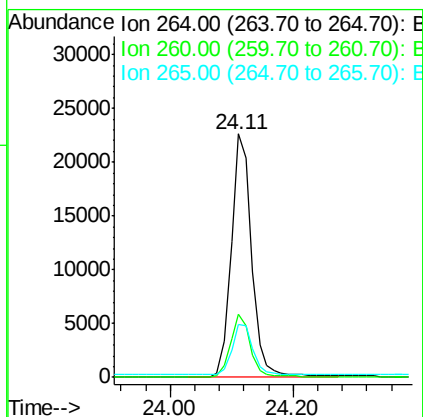
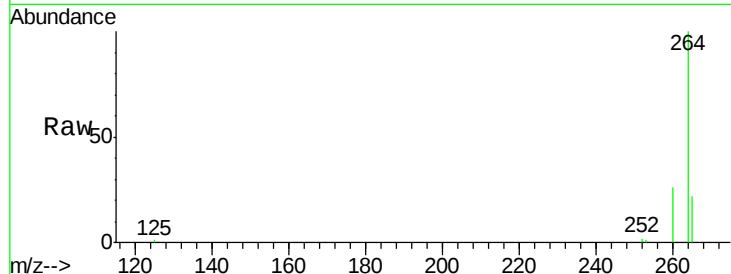




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

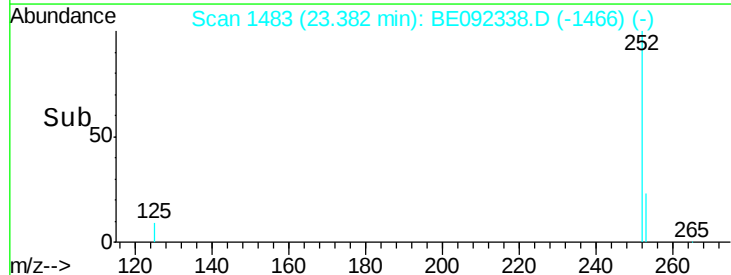
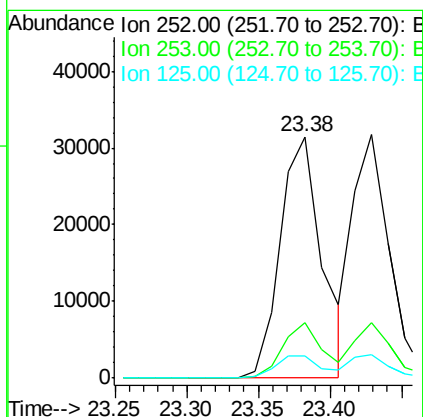
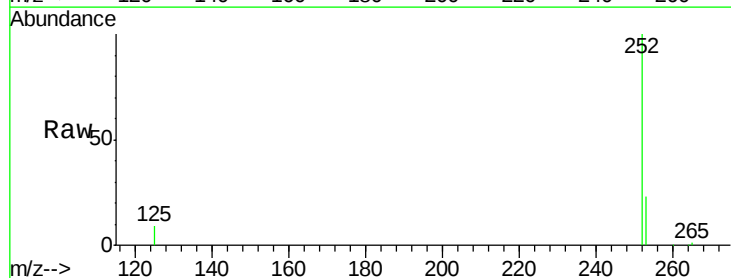
Instrument :
 BNA_E
 ClientSampleId :
 PB93078BS

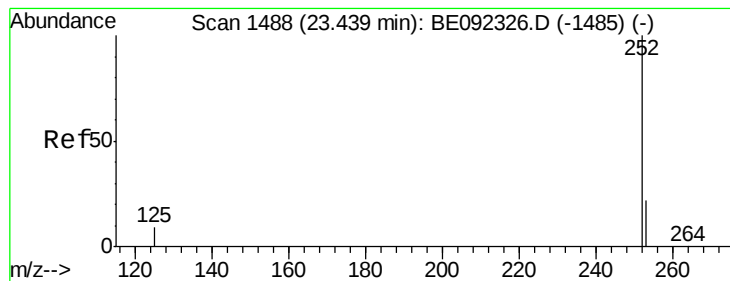
Tgt Ion: 264 Resp: 52192
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 21.6 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.50 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE092338.D
 Acq: 1 Sep 2016 20:52

Tgt Ion: 252 Resp: 63404
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.7 28.1
 125 9.3 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 4.17 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

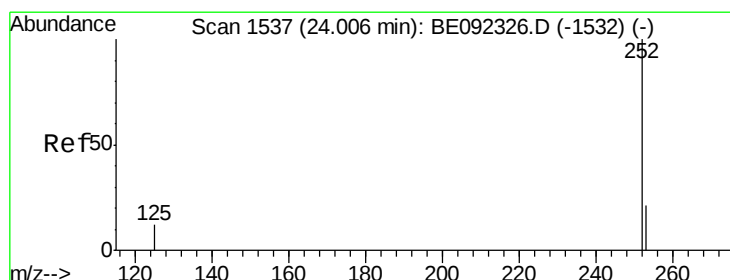
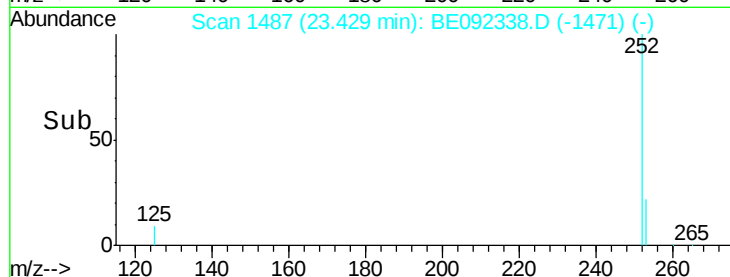
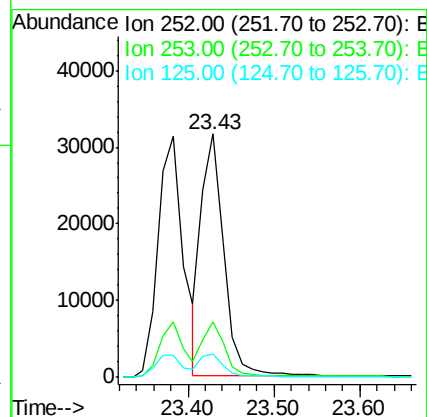
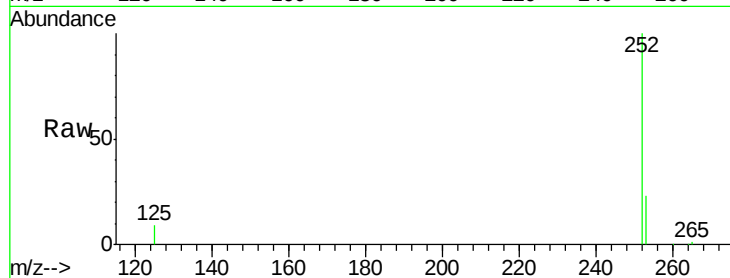
Tgt Ion:252 Resp: 57324

Ion Ratio Lower Upper

252 100

253 22.7 20.3 30.5

125 9.5 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 4.37 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

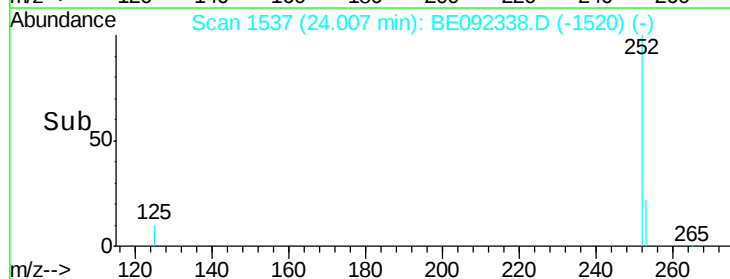
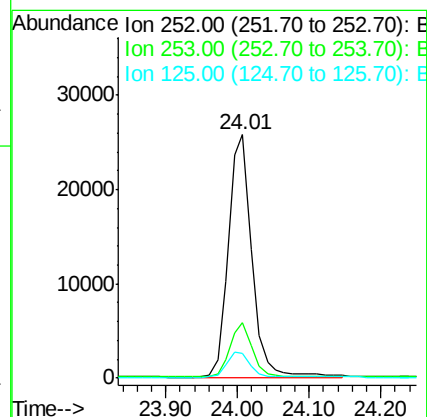
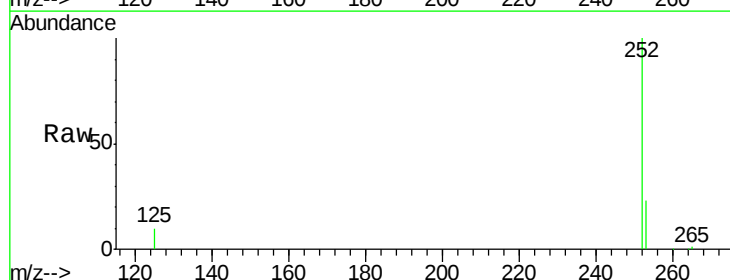
Tgt Ion:252 Resp: 58409

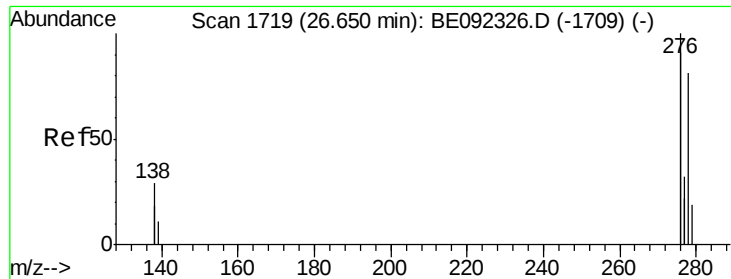
Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

125 10.4 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 4.86 ng

RT: 26.62 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

Instrument :

BNA_E

ClientSampleId :

PB93078BS

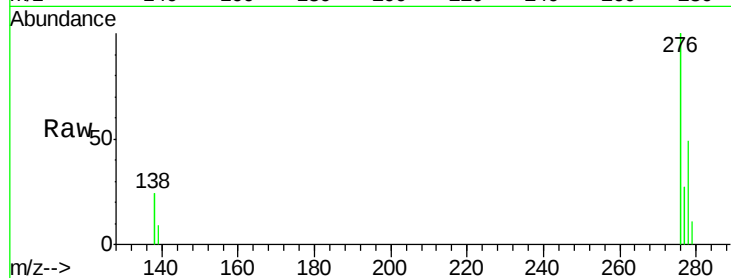
Tgt Ion: 278 Resp: 61373

Ion Ratio Lower Upper

278 100

139 18.2 13.8 20.8

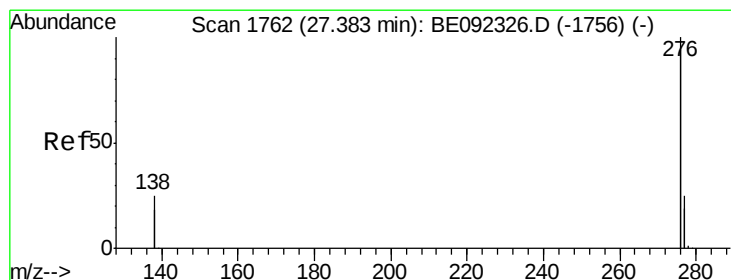
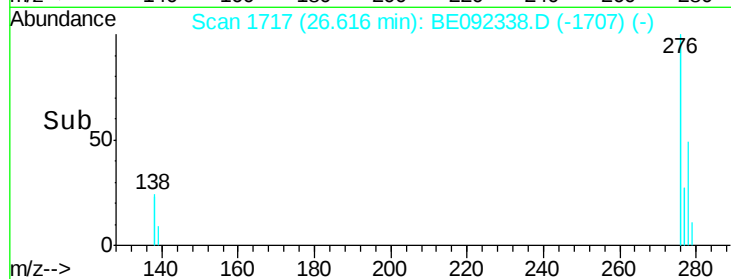
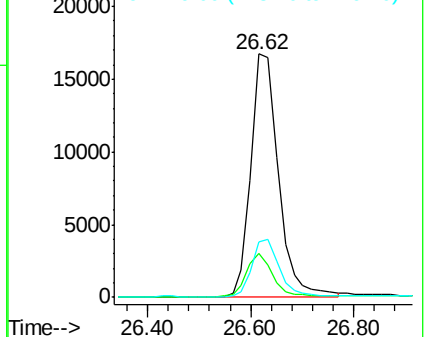
279 22.7 21.4 32.2



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: 4.85 ng

RT: 27.37 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BE092338.D

Acq: 1 Sep 2016 20:52

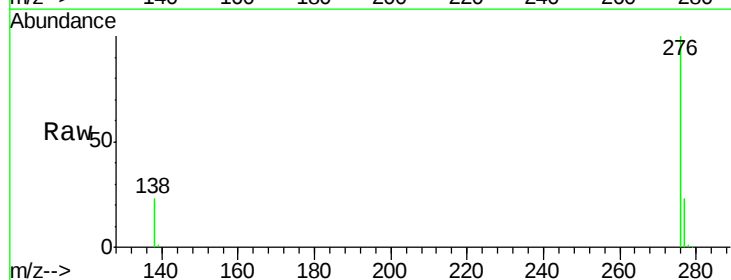
Tgt Ion: 276 Resp: 253367

Ion Ratio Lower Upper

276 100

277 22.6 19.8 29.8

138 23.4 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

