

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092216\
 Data File : BE092401.D
 Acq On : 22 Sep 2016 18:28
 Operator : UM/SJ
 Sample : H4803-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 23 03:09:25 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	11299	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	51480	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	30801	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	72312	5.00	ng	0.02
24) Chrysene-d12	21.75	240	79294	5.00	ng	0.00
31) Perylene-d12	24.12	264	90117	5.00	ng	0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	327104	121.08	ng	-0.02
5) Phenol-d6	7.33	99	483761	125.89	ng	-0.02
8) Nitrobenzene-d5	9.34	82	291163	76.53	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	137198	123.29	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	595821	81.70	ng	-0.01
26) Terphenyl-d14	20.19	244	839719	85.37	ng	0.02

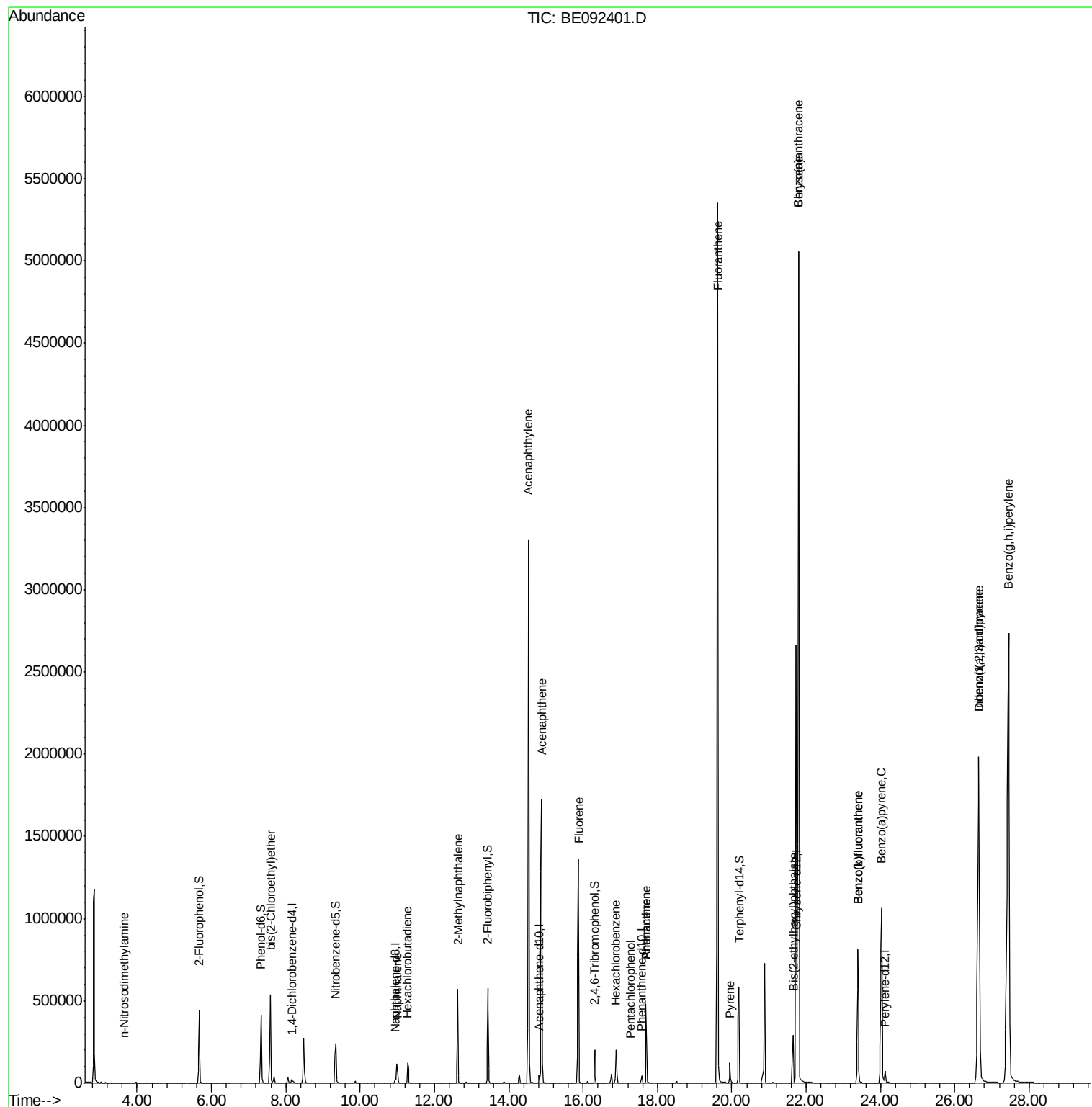
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	34	Below Cal	#	19
3) n-Nitrosodimethylamine	3.66	42	28	0.21 ng	#	2
6) bis(2-Chloroethyl)ether	7.59	93	441364	144.96 ng		93
9) Naphthalene	10.99	128	182612	16.39 ng	#	95
10) Hexachlorobutadiene	11.28	225	111784	63.73 ng		100
11) 2-Methylnaphthalene	12.62	142	427563	57.97 ng		92
15) Acenaphthylene	14.53	152	6017836	134.92 ng		99
16) Acenaphthene	14.88	154	413975	59.26 ng		96
17) Fluorene	15.88	166	1063074	120.03 ng		99
19) Hexachlorobenzene	16.89	284	197074	63.67 ng		94
20) Pentachlorophenol	17.28	266	10	0.19 ng	#	72
21) Phenanthrene	17.69	178	765167	46.05 ng	#	95
22) Anthracene	17.69	178	770558	48.22 ng		98
23) Fluoranthene	19.63	202	9288201	117.62 ng		98
25) Pyrene	19.95	202	78771	1.15 ng	#	1
27) Benzo(a)anthracene	21.79	228	8940921	115.71 ng	#	91
28) Chrysene	21.79	228	8972086	126.79 ng	#	72
29) Bis(2-ethylhexyl)phthalate	21.66	149	451832	67.91 ng	#	71
30) Indeno(1,2,3-cd)pyrene	26.65	276	4731361	63.02 ng		95
32) Benzo(b)fluoranthene	23.39	252	1212378	55.56 ng		97
33) Benzo(k)fluoranthene	23.39	252	1214864	53.19 ng		95
34) Benzo(a)pyrene	24.03	252	2067620	96.67 ng		97
35) Dibenzo(a,h)anthracene	26.65	278	33613	1.71 ng	#	73
36) Benzo(g,h,i)perylene	27.45	276	7819163	92.84 ng		98

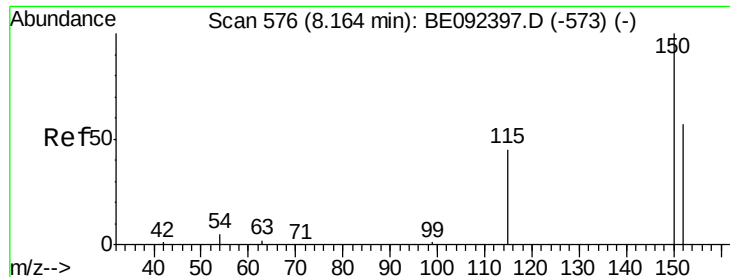
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Sep 23 03:09:25 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

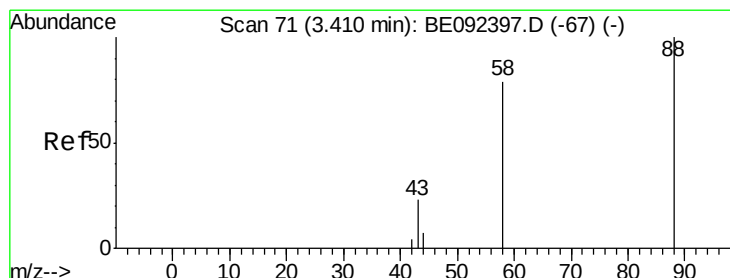
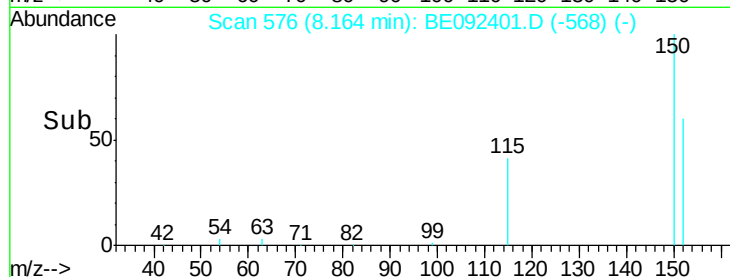
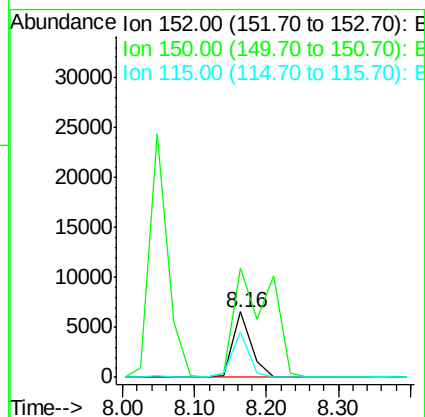
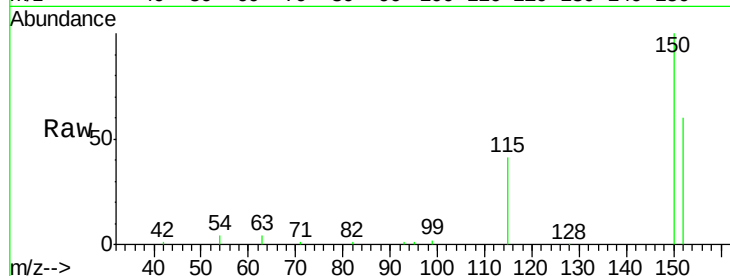
Tgt Ion: 152 Resp: 11299

Ion Ratio Lower Upper

152 100

150 167.4 106.0 159.0#

115 69.4 31.2 46.8#



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

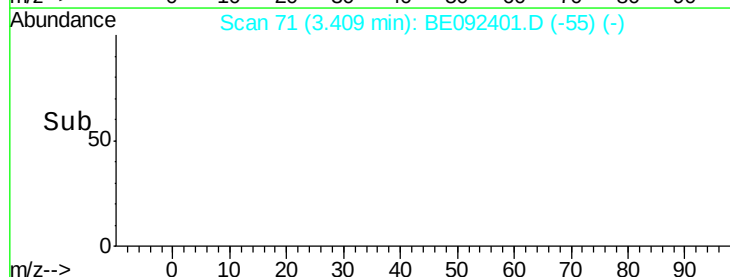
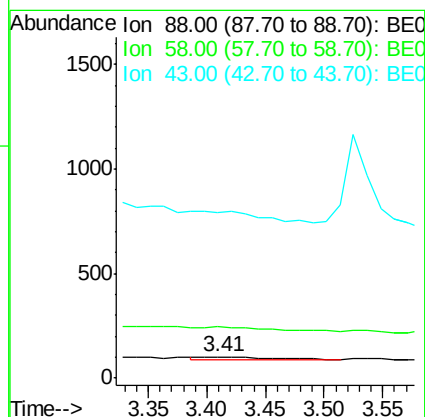
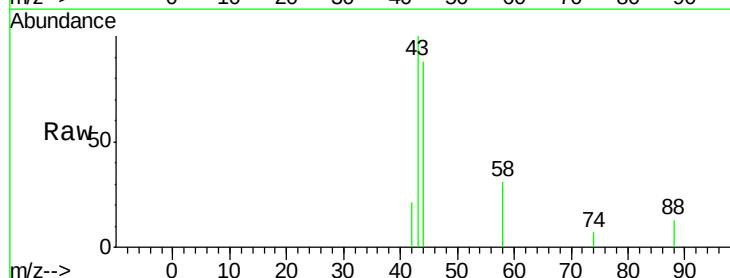
Tgt Ion: 88 Resp: 34

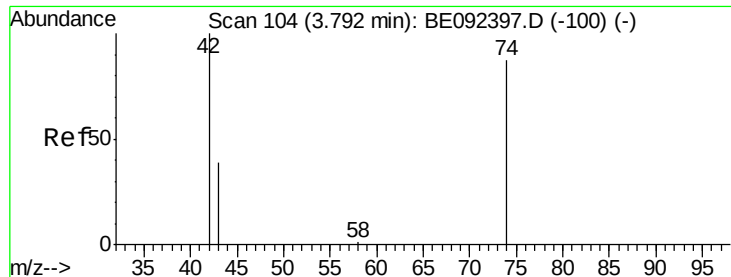
Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

43 0.0 28.0 42.0#





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.66 min Scan# 93

Delta R.T. -0.14 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

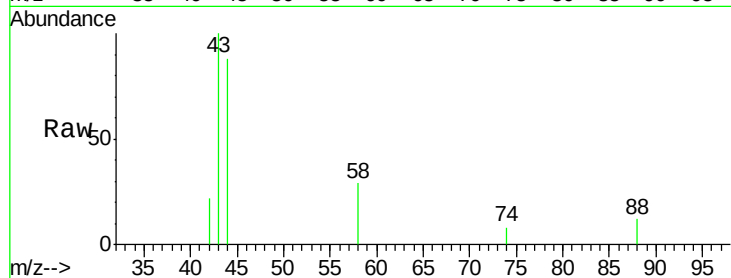
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

44 0.0 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

800

600

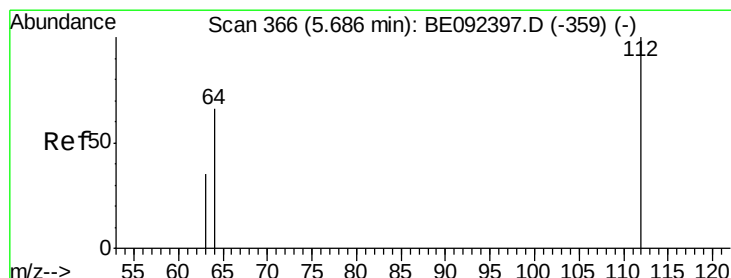
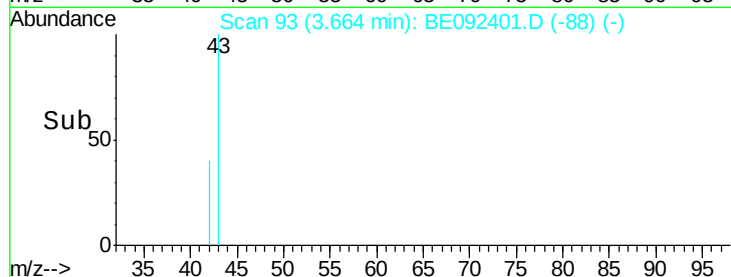
400

200

0

3.60 3.65 3.70 3.75

Time-->



#4

2-Fluorophenol

Concen: 121.08 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

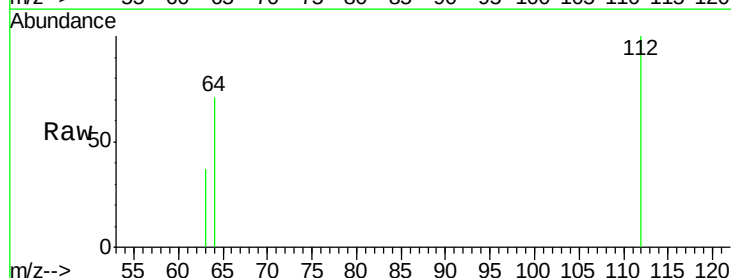
Tgt Ion: 112 Resp: 327104

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

63 36.4 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

250000

200000

150000

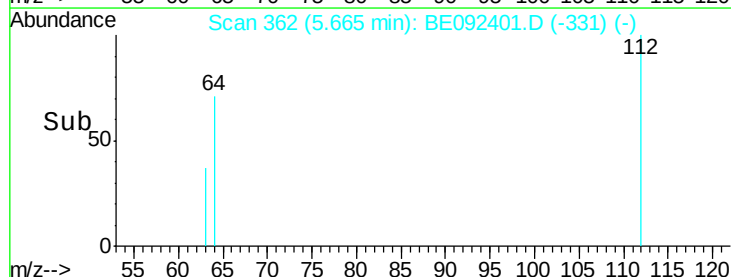
100000

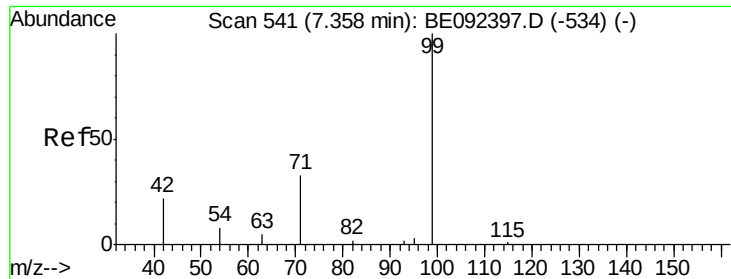
50000

0

5.50 5.60 5.70 5.80 5.90

Time-->





#5

Phenol-d6

Concen: 125.89 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

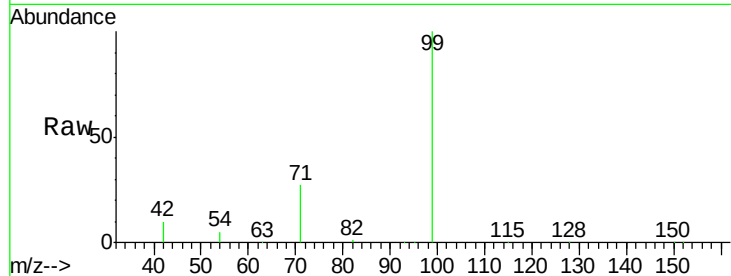
Tgt Ion: 99 Resp: 483761

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

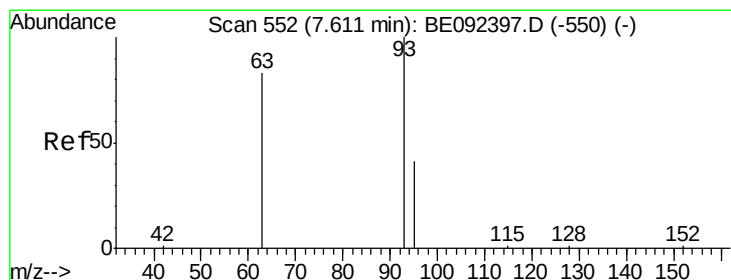
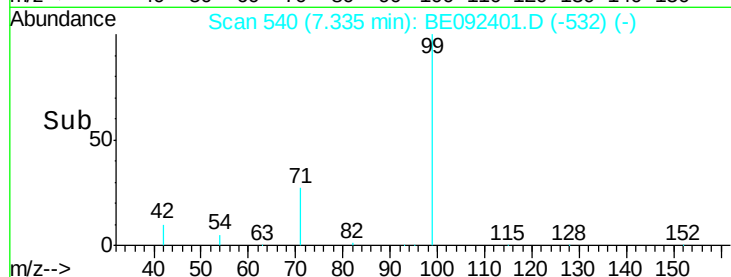
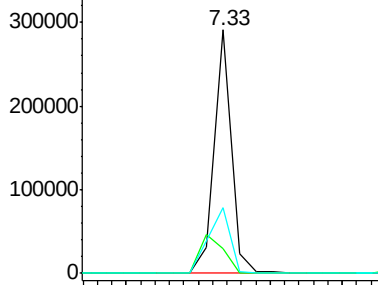
71 34.7 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 144.96 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

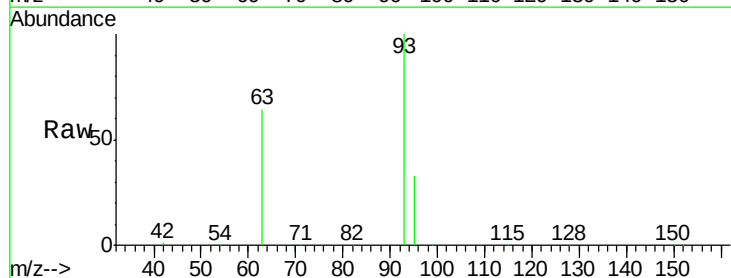
Tgt Ion: 93 Resp: 441364

Ion Ratio Lower Upper

93 100

63 82.1 71.6 107.4

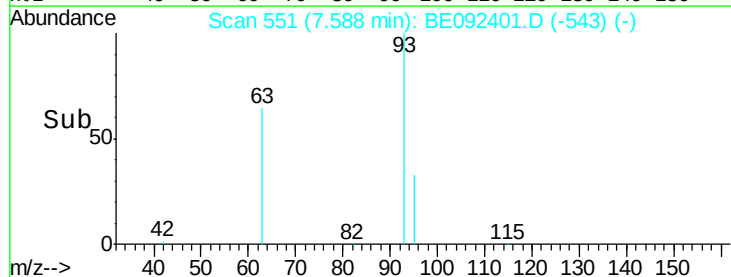
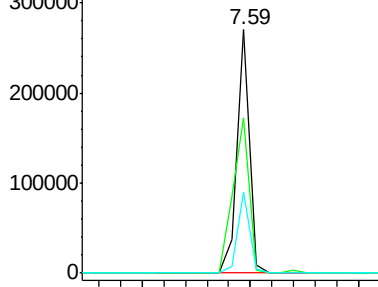
95 32.4 24.0 36.0

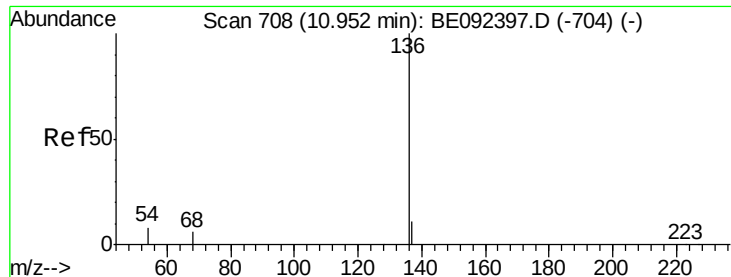


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

Tgt Ion:136 Resp: 51480

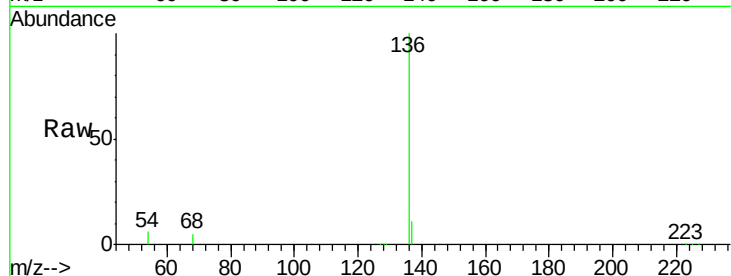
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 6.2 9.6 14.4#

68 4.9 6.7 10.1#

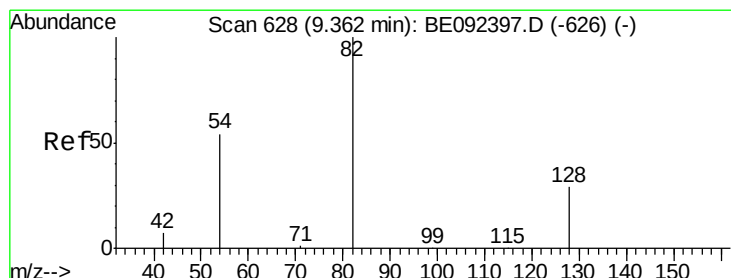
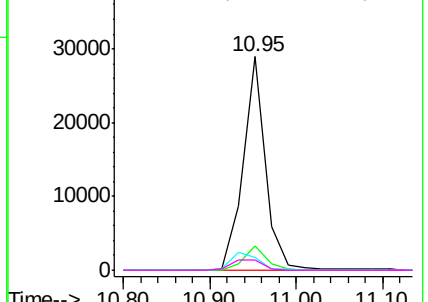
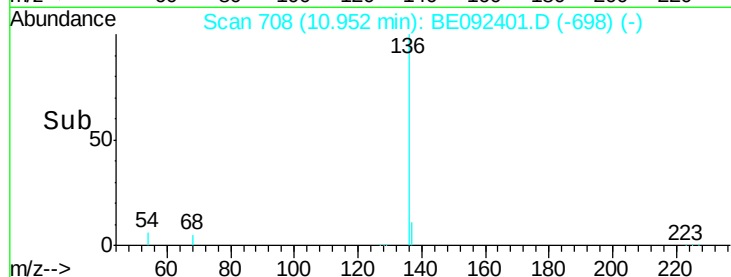


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 76.53 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

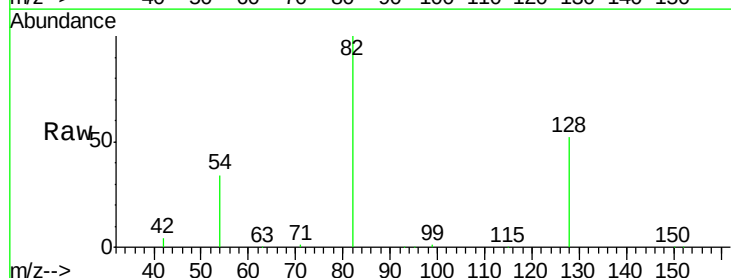
Tgt Ion: 82 Resp: 291163

Ion Ratio Lower Upper

82 100

128 52.5 39.0 58.4

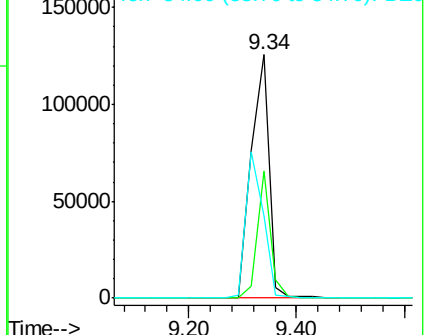
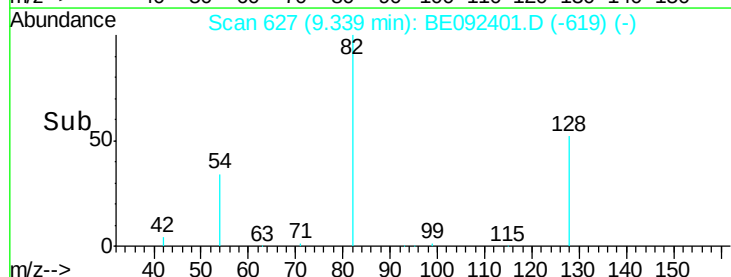
54 33.8 44.8 67.2#

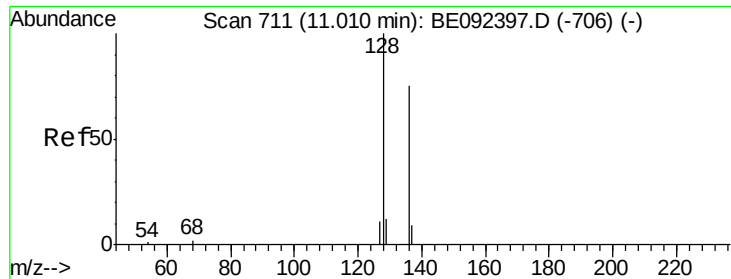


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 16.39 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

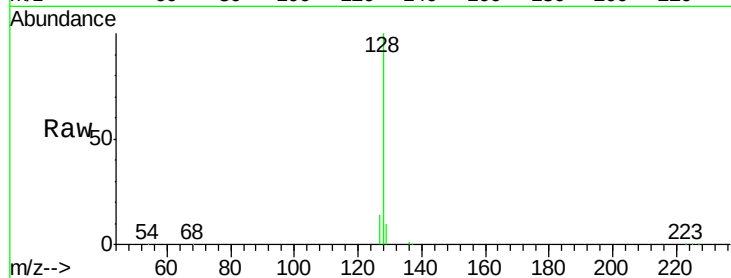
Tgt Ion:128 Resp: 182612

Ion Ratio Lower Upper

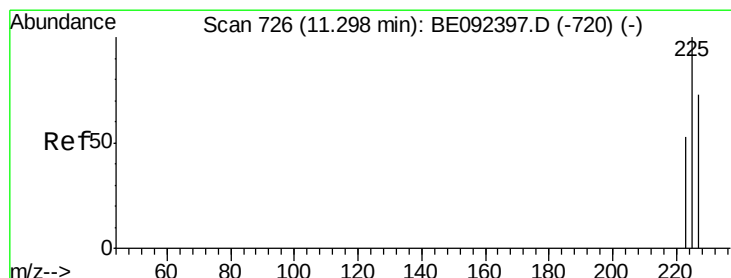
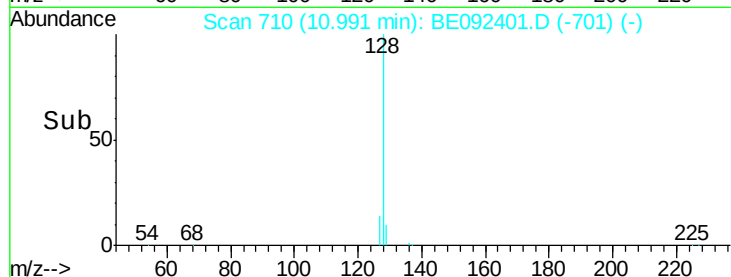
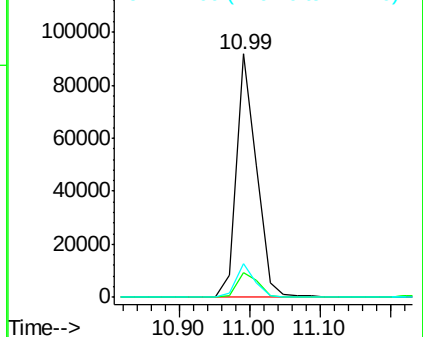
128 100

129 10.4 11.2 16.8#

127 14.0 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: 63.73 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

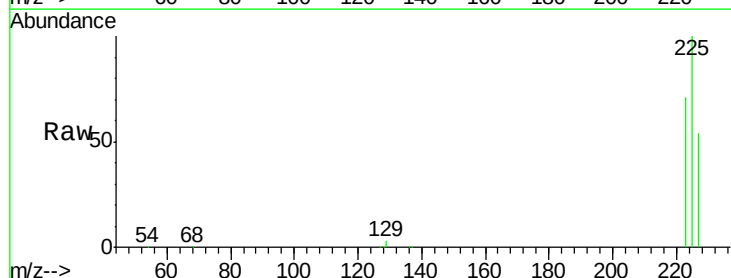
Tgt Ion:225 Resp: 111784

Ion Ratio Lower Upper

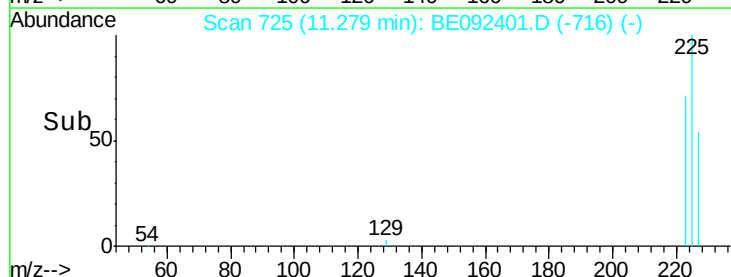
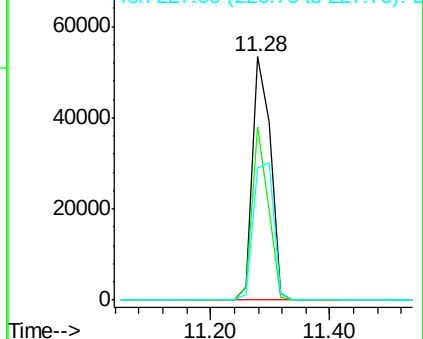
225 100

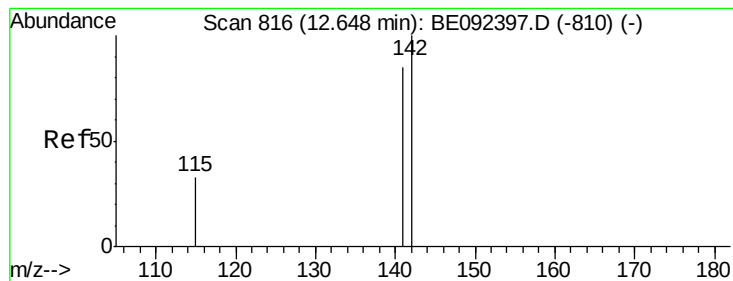
223 63.2 50.6 76.0

227 63.6 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: 57.97 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

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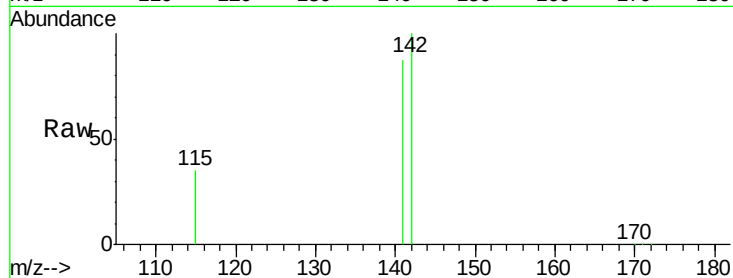
Tgt Ion:142 Resp: 427563

Ion Ratio Lower Upper

142 100

141 86.7 73.7 110.5

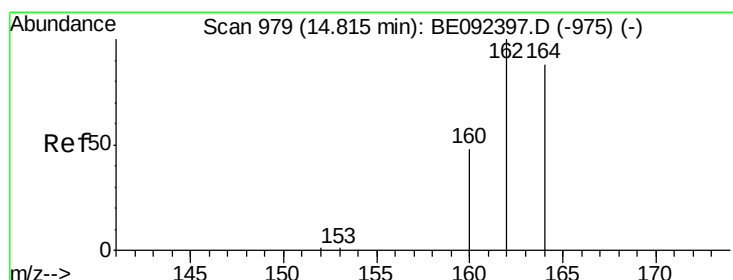
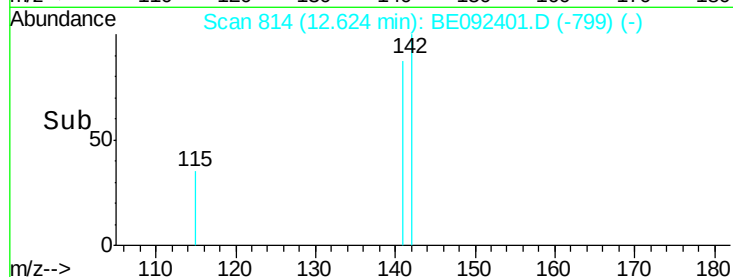
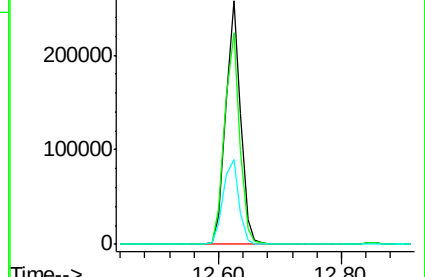
115 34.8 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

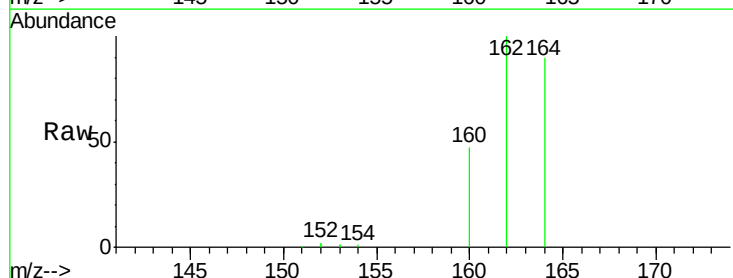
Tgt Ion:164 Resp: 30801

Ion Ratio Lower Upper

164 100

162 111.6 71.4 107.0#

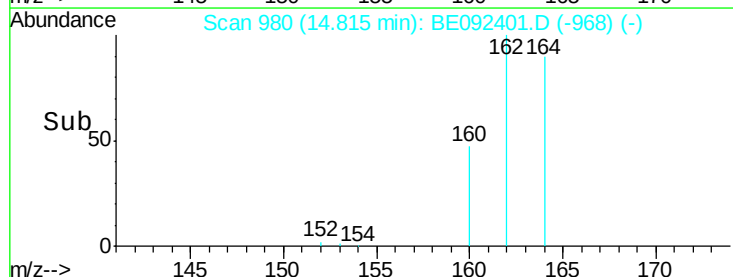
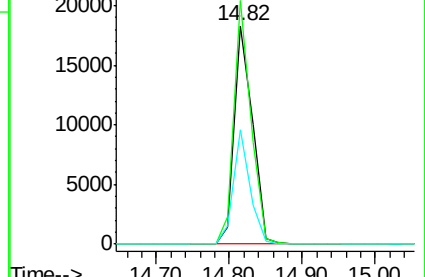
160 52.6 27.4 41.2#

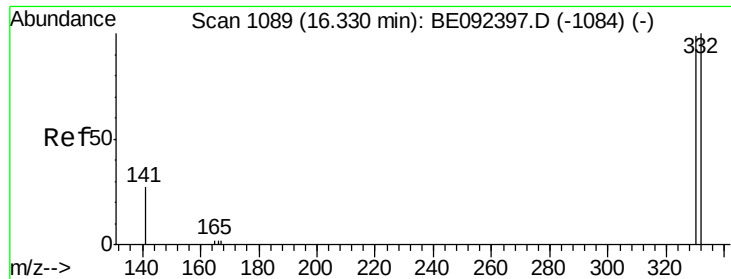


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

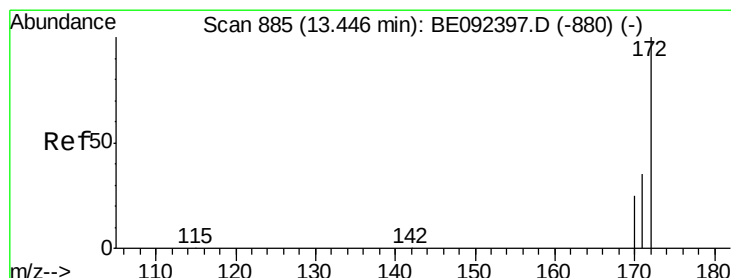
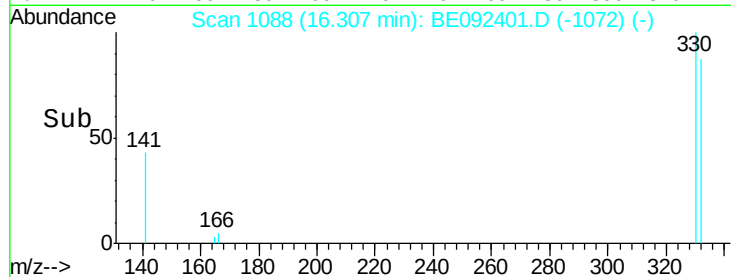
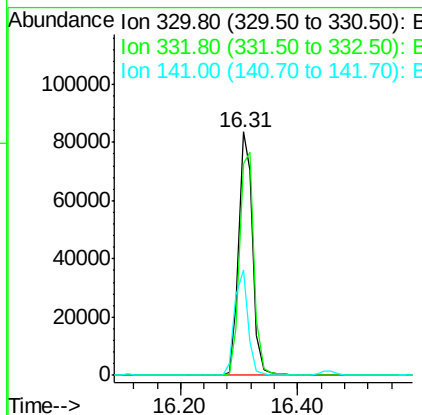
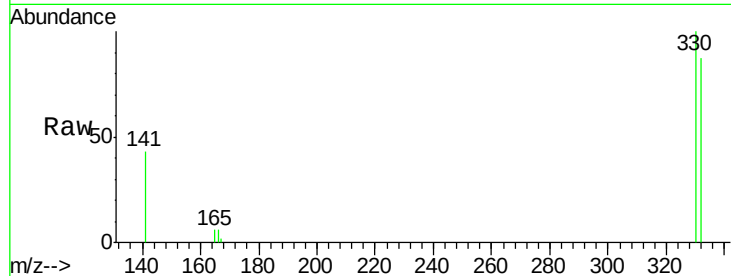




#13
 2,4,6-Tribromophenol
 Concen: 123.29 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092401.D
 Acq: 22 Sep 2016 18:28

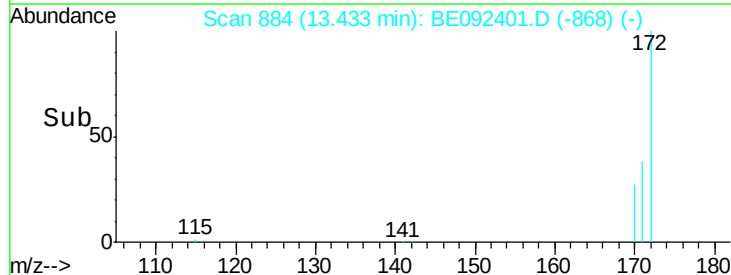
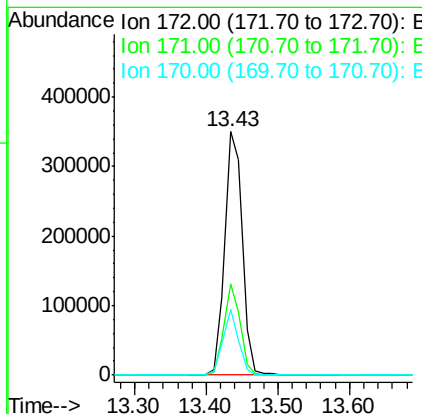
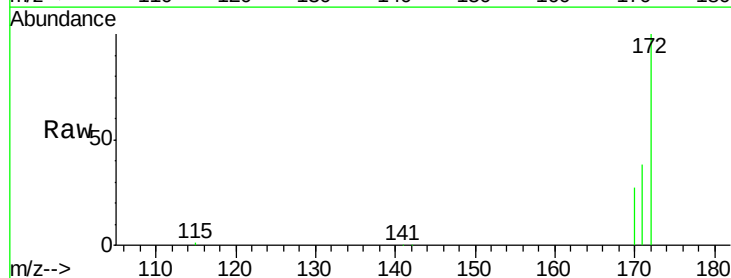
Instrument :
 BNA_E
 ClientSampled :
 PT-BN-WP

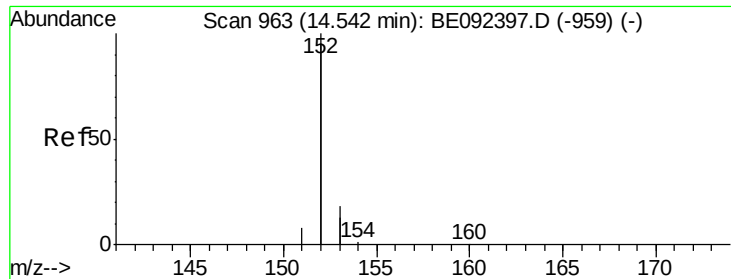
Tgt Ion:330 Resp: 137198
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 41.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 81.70 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092401.D
 Acq: 22 Sep 2016 18:28

Tgt Ion:172 Resp: 595821
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 26.8 21.8 32.6





#15

Acenaphthylene

Concen: 134.92 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

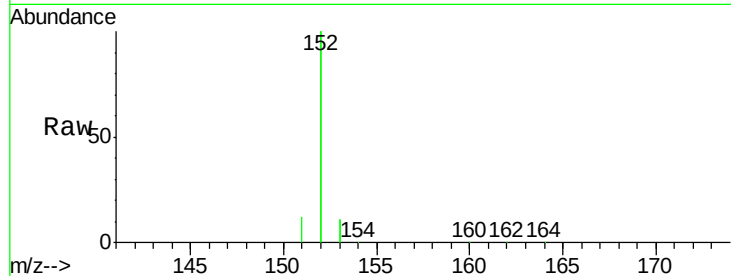
Tgt Ion:152 Resp: 6017836

Ion Ratio Lower Upper

152 100

151 5.1 3.9 5.9

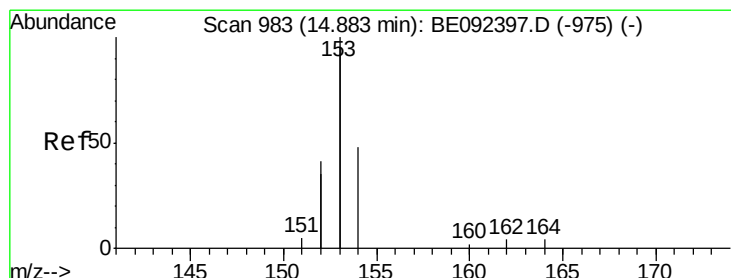
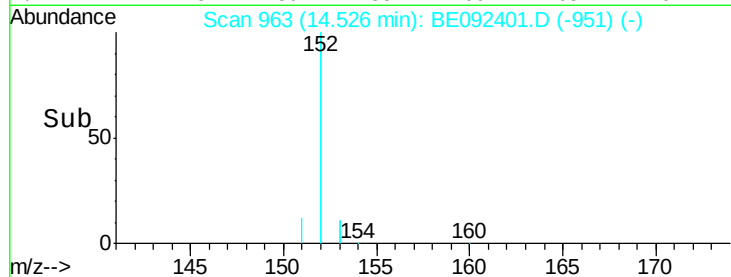
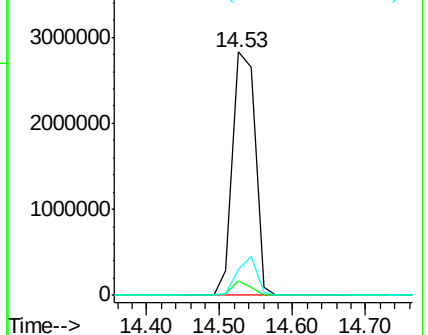
153 13.6 10.4 15.6



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: 59.26 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

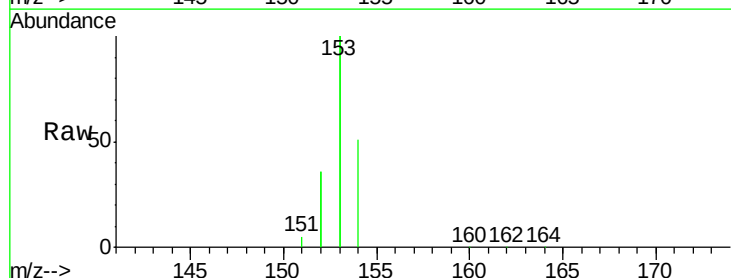
Tgt Ion:154 Resp: 413975

Ion Ratio Lower Upper

154 100

153 451.7 350.8 526.2

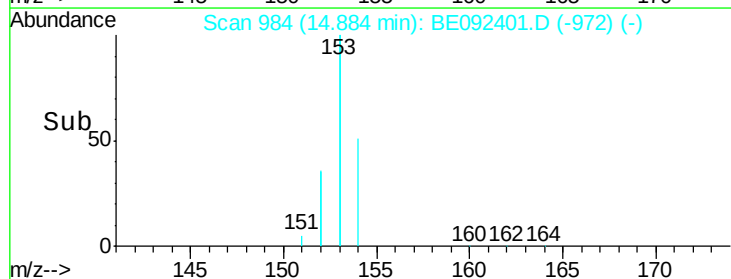
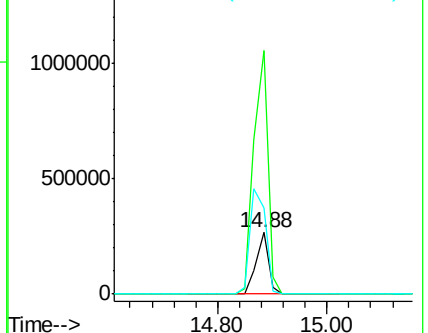
152 217.1 171.1 256.7

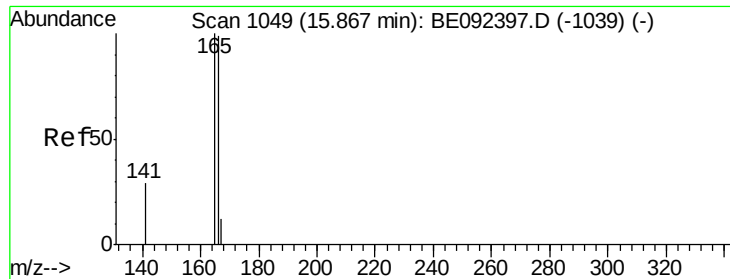


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

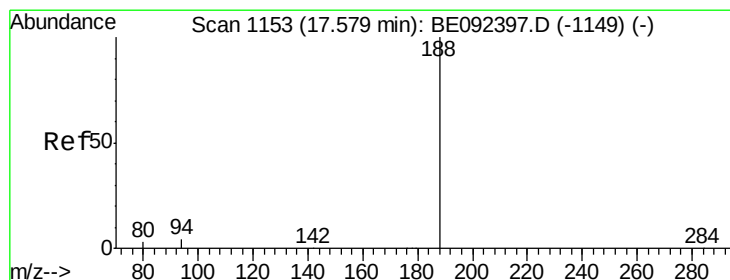
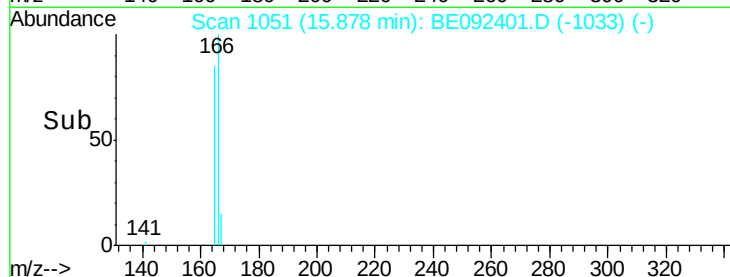
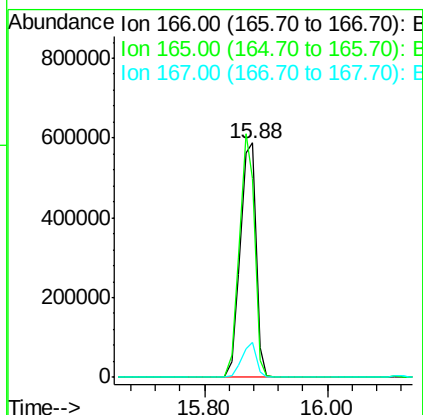
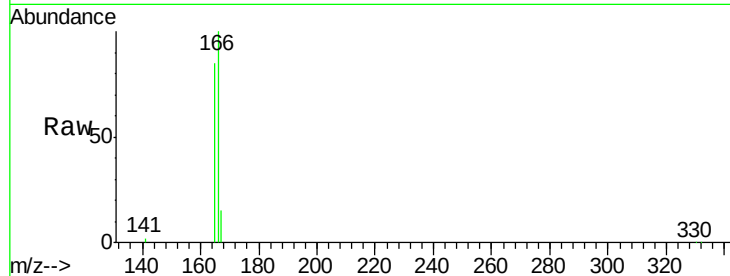




#17
Fluorene
 Concen: 120.03 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BE092401.D
 Acq: 22 Sep 2016 18:28

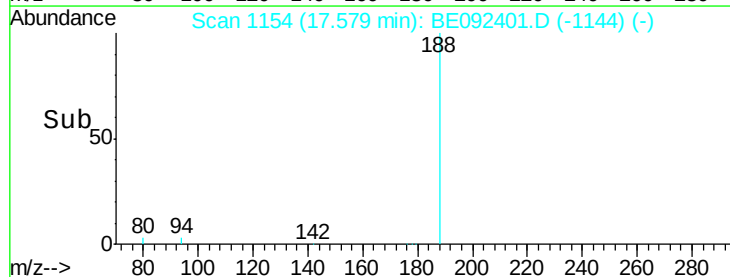
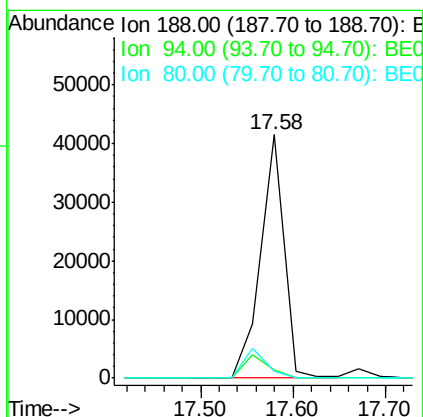
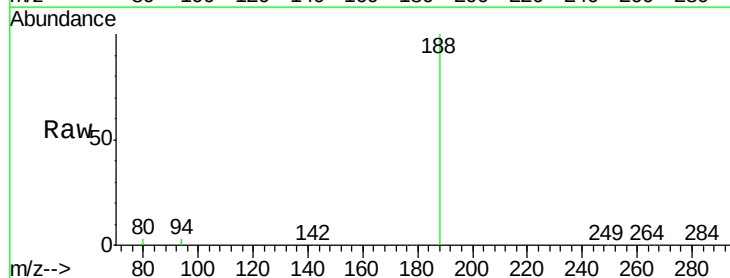
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

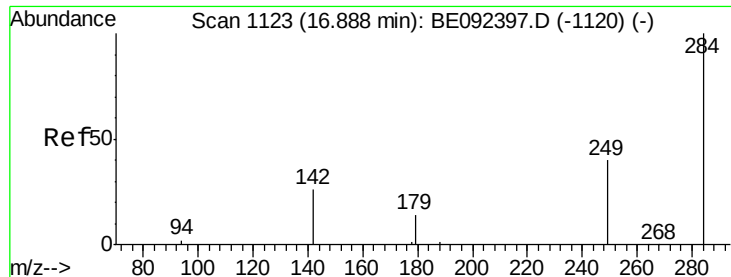
Tgt Ion:166 Resp: 1063074
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.2 117.4
 167 13.8 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092401.D
 Acq: 22 Sep 2016 18:28

Tgt Ion:188 Resp: 72312
 Ion Ratio Lower Upper
 188 100
 94 3.4 3.2 4.8
 80 2.8 2.6 3.8

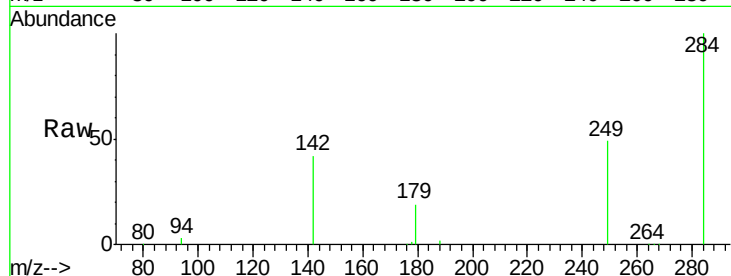




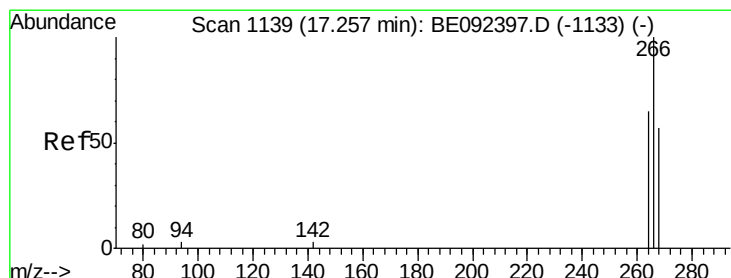
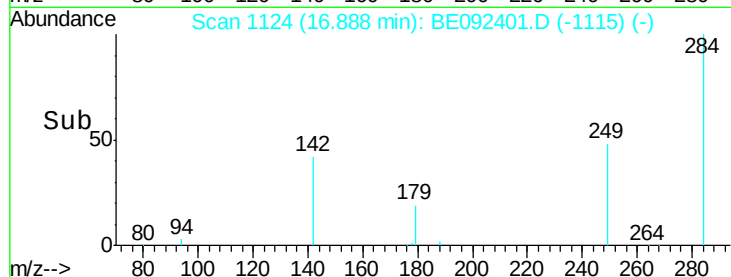
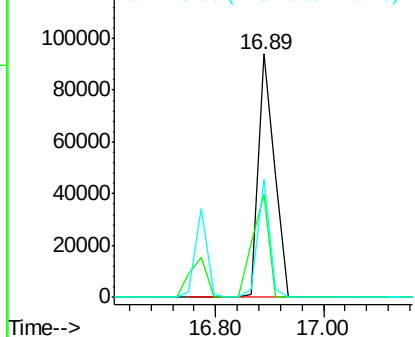
#19
Hexachlorobenzene
Concen: 63.67 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092401.D
Acq: 22 Sep 2016 18:28

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tgt Ion: 284 Resp: 197074
Ion Ratio Lower Upper
284 100
142 42.6 29.1 43.7
249 36.1 27.9 41.9

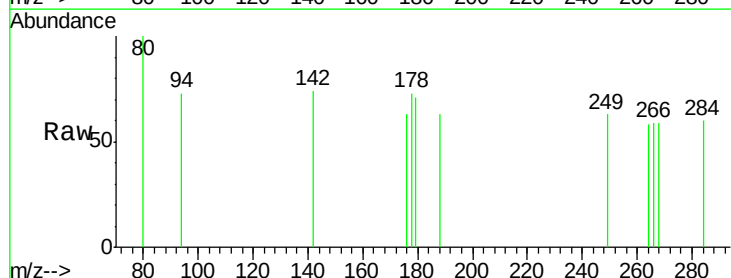


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

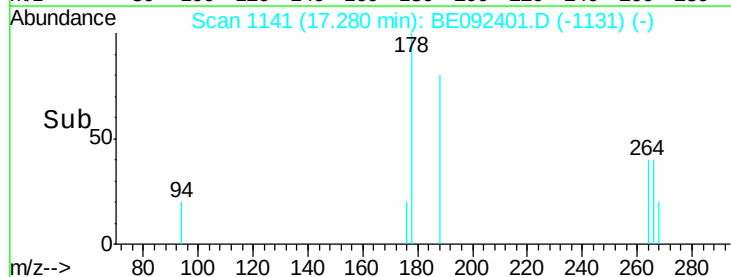
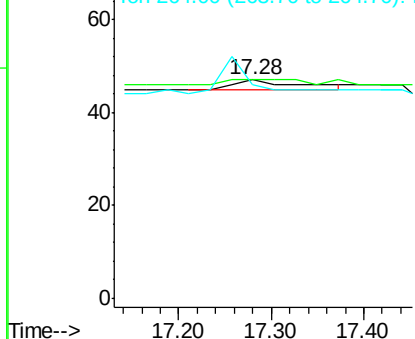


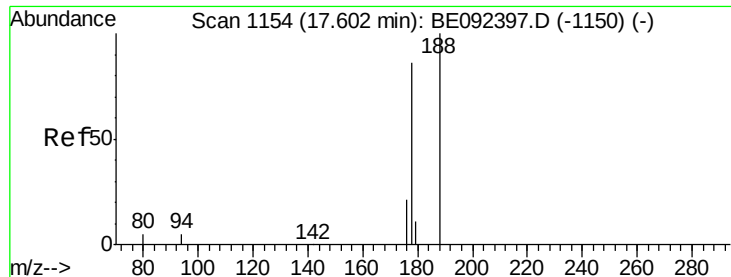
#20
Pentachlorophenol
Concen: 0.19 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092401.D
Acq: 22 Sep 2016 18:28

Tgt Ion: 266 Resp: 10
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 97.9 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: 46.05 ng

RT: 17.69 min Scan# 1159

Delta R.T. 0.09 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

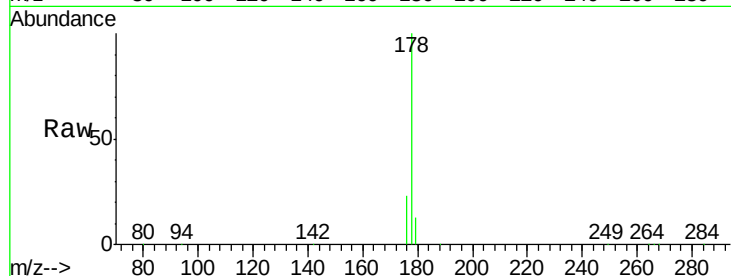
Tgt Ion:178 Resp: 765167

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

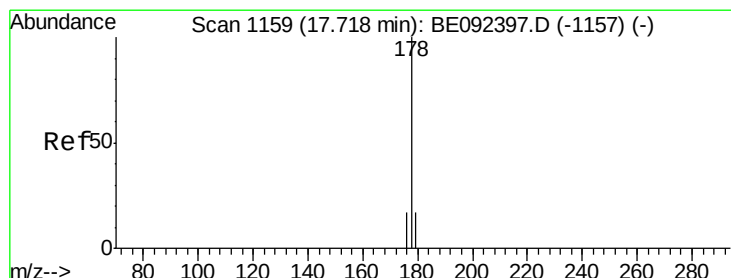
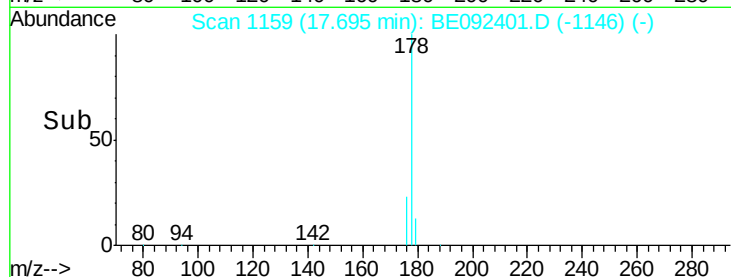
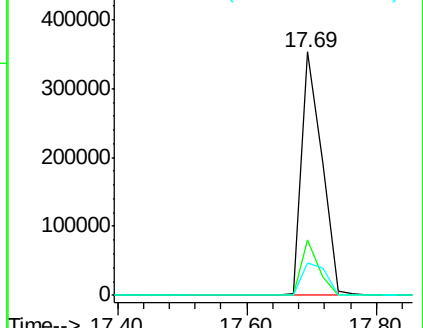
179 15.8 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 48.22 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

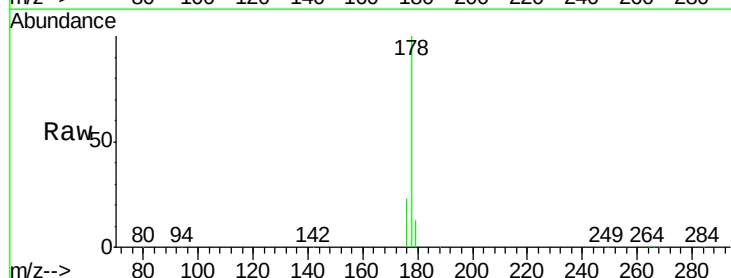
Tgt Ion:178 Resp: 770558

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

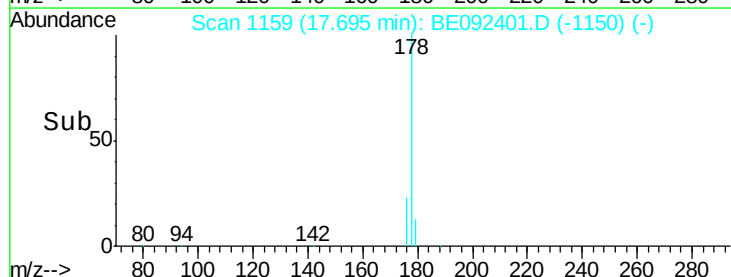
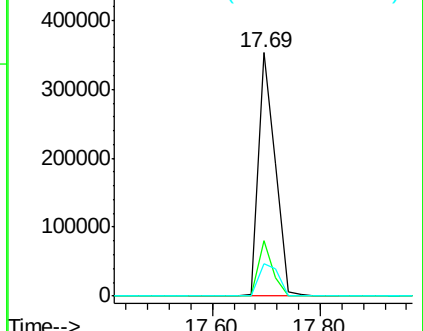
179 15.8 12.2 18.2

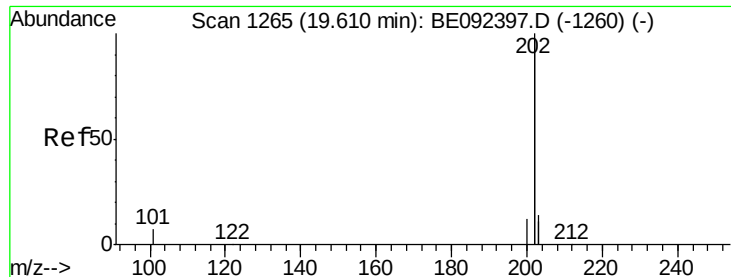


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 117.62 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

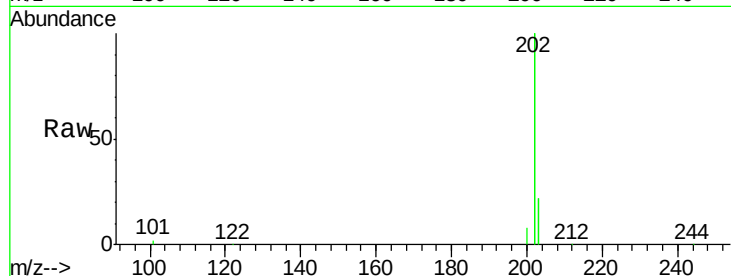
Tgt Ion:202 Resp: 9288201

Ion Ratio Lower Upper

202 100

101 3.3 2.2 3.4

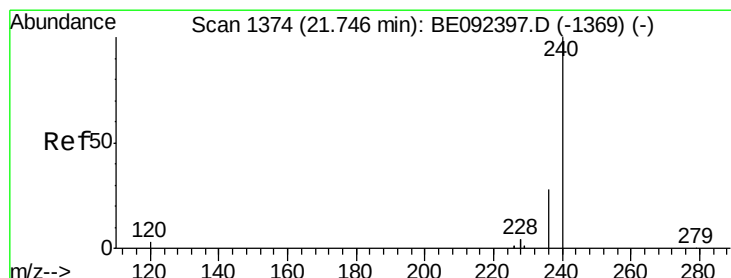
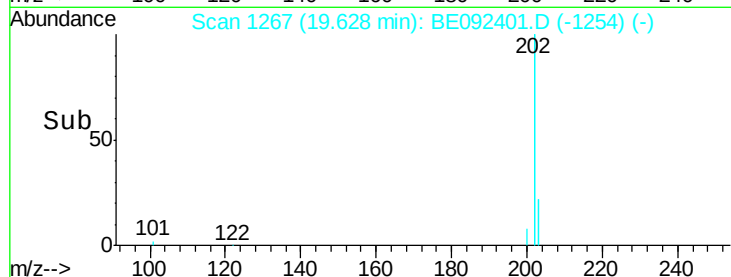
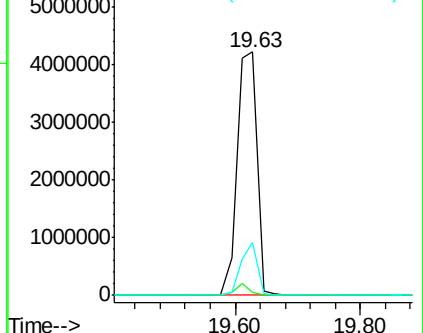
203 18.0 13.7 20.5



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: BE092401.D

Acq: 22 Sep 2016 18:28

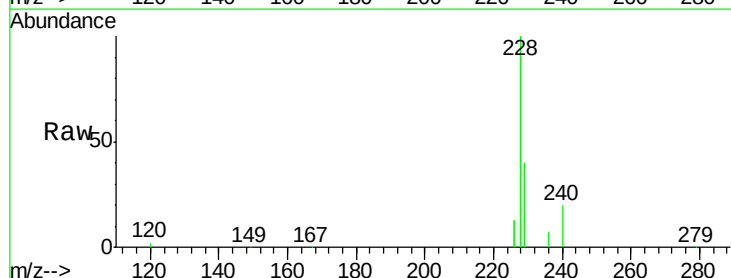
Tgt Ion:240 Resp: 79294

Ion Ratio Lower Upper

240 100

120 10.1 2.6 4.0#

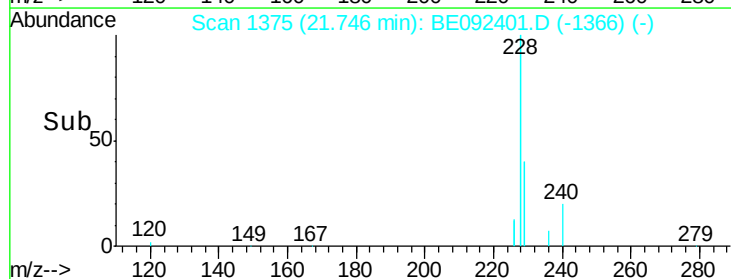
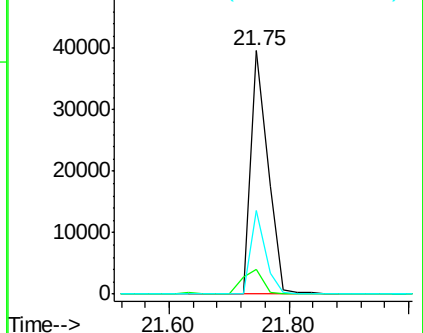
236 34.6 24.6 37.0

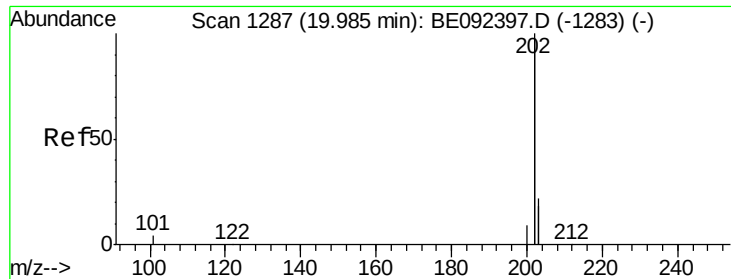


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

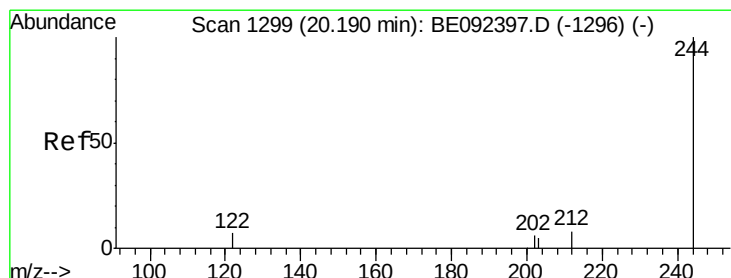
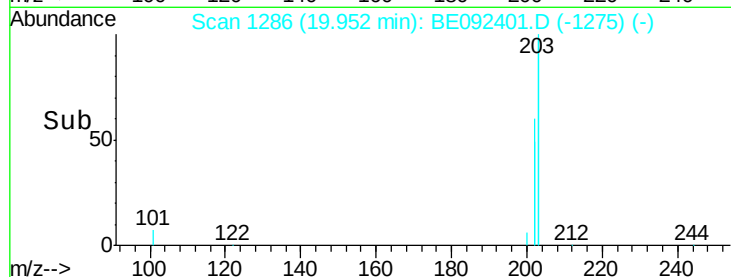
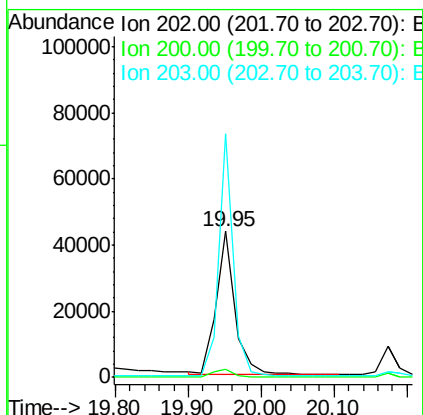
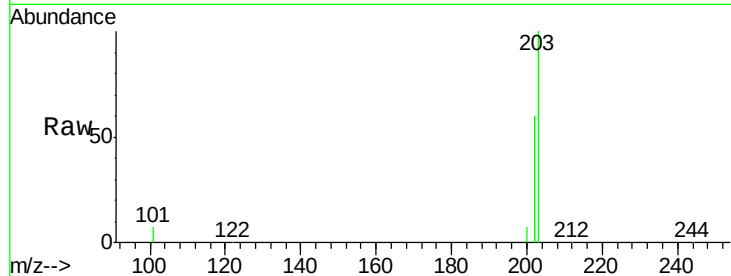




#25
 Pyrene
 Concen: 1.15 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BE092401.D
 Acq: 22 Sep 2016 18:28

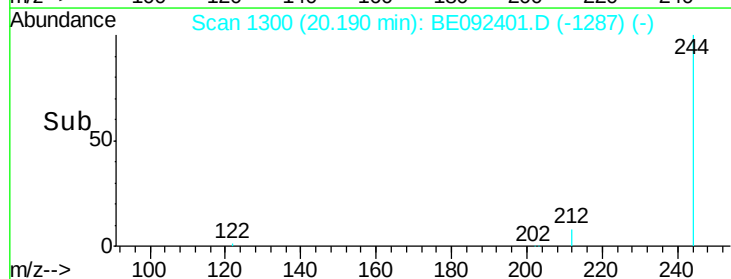
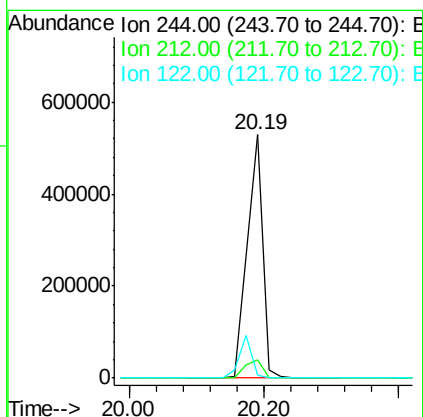
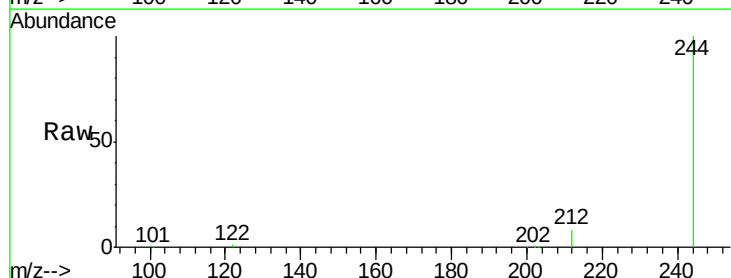
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

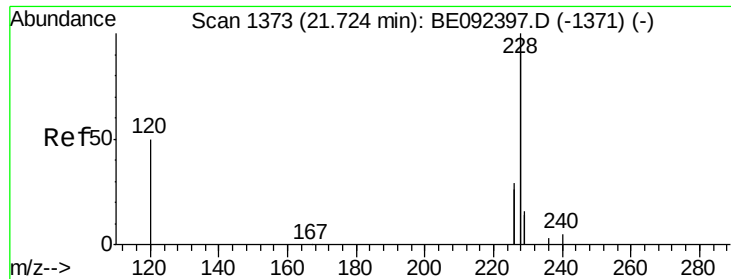
Tgt Ion: 202 Resp: 78771
 Ion Ratio Lower Upper
 202 100
 200 6.4 4.2 6.4#
 203 129.6 13.9 20.9#



#26
 Terphenyl-d14
 Concen: 85.37 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092401.D
 Acq: 22 Sep 2016 18:28

Tgt Ion: 244 Resp: 839719
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 1.1 3.6 5.4#

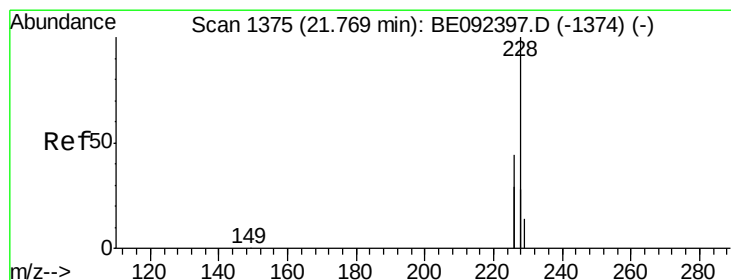
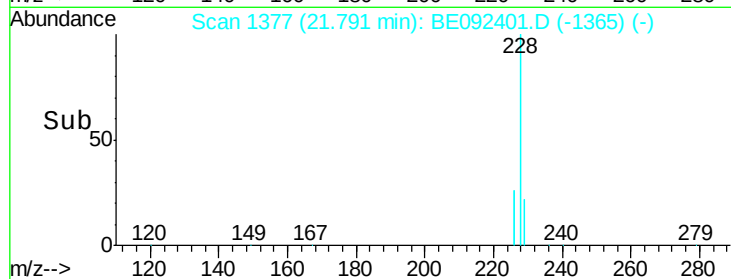
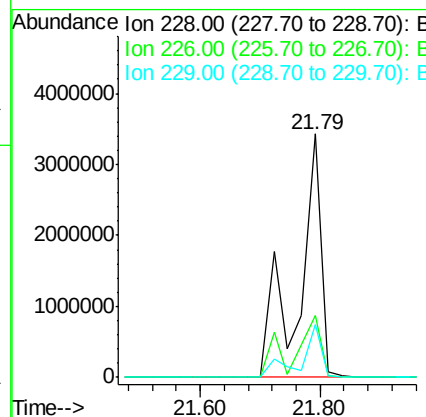
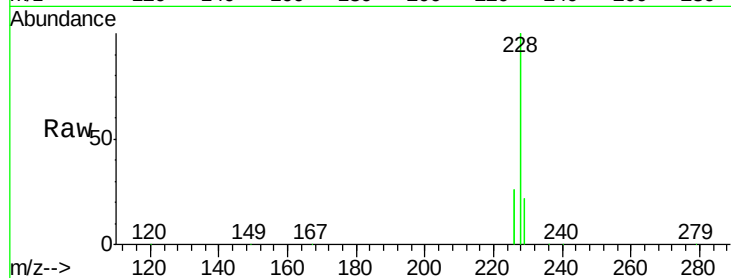




#27
Benzo(a)anthracene
Concen: 115.71 ng
RT: 21.79 min Scan# 1377
Delta R.T. 0.07 min
Lab File: BE092401.D
Acq: 22 Sep 2016 18:28

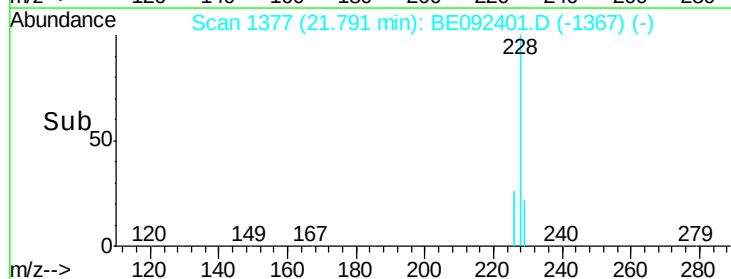
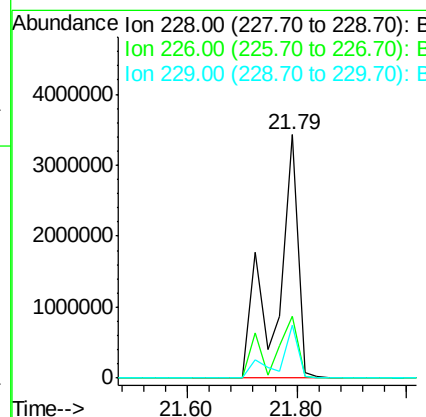
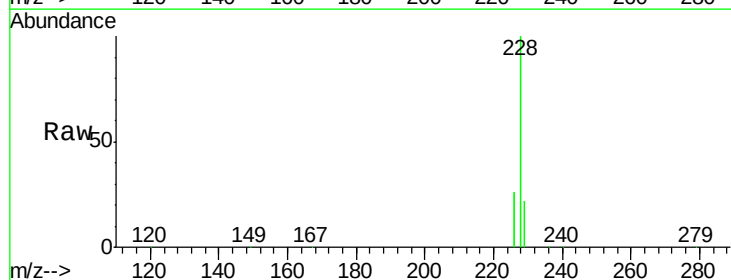
Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

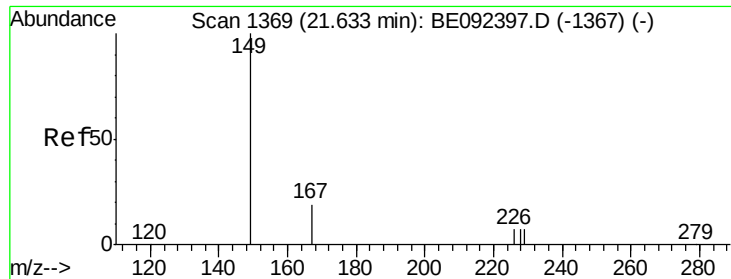
Tgt Ion:228 Resp: 8940921
Ion Ratio Lower Upper
228 100
226 25.5 23.6 35.4
229 21.9 13.3 19.9#



#28
Chrysene
Concen: 126.79 ng
RT: 21.79 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE092401.D
Acq: 22 Sep 2016 18:28

Tgt Ion:228 Resp: 8972086
Ion Ratio Lower Upper
228 100
226 25.5 36.3 54.5#
229 21.9 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 67.91 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

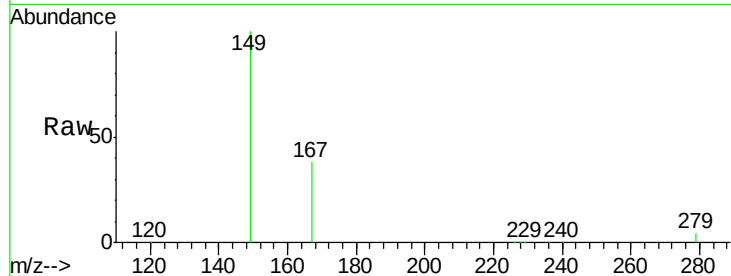
Tgt Ion:149 Resp: 451832

Ion Ratio Lower Upper

149 100

167 29.8 16.0 24.0#

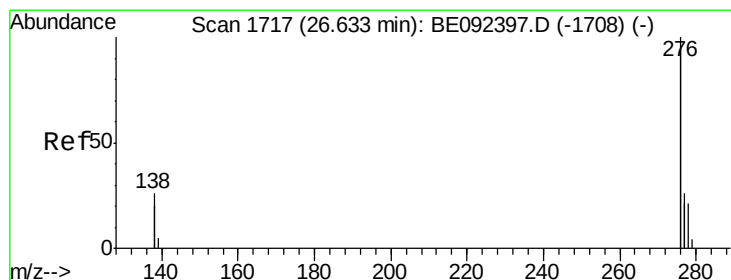
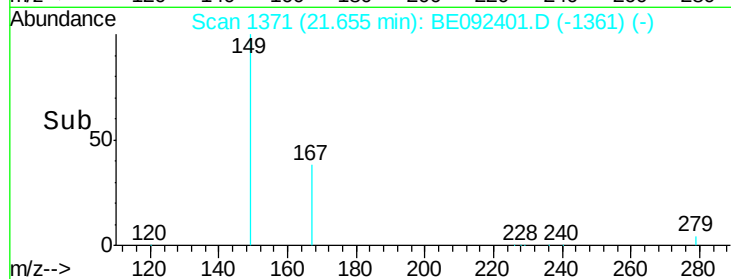
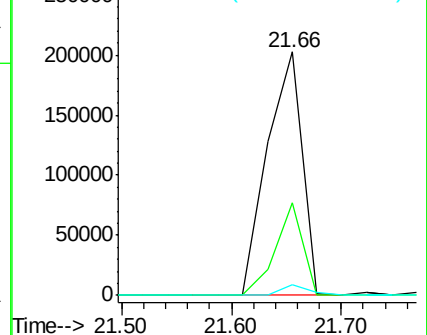
279 3.3 16.0 24.0#



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: 63.02 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.07 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

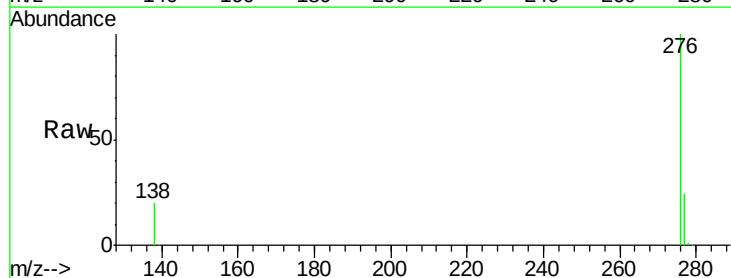
Tgt Ion:276 Resp: 4731361

Ion Ratio Lower Upper

276 100

138 21.4 20.3 30.5

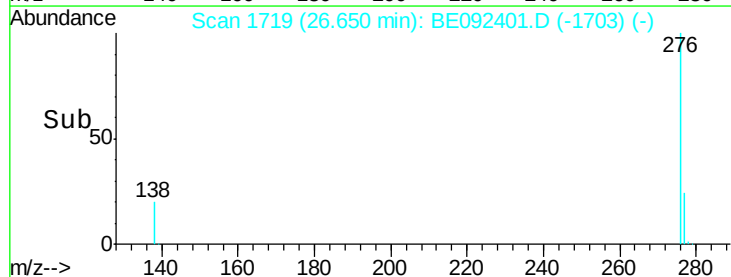
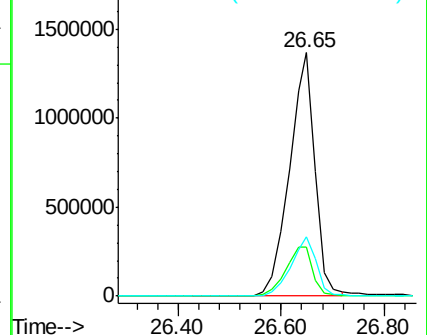
277 24.1 19.7 29.5

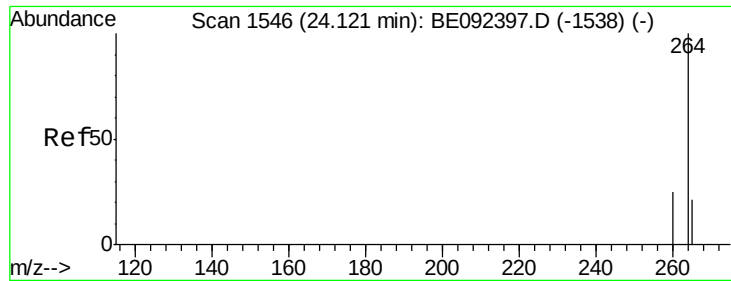


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

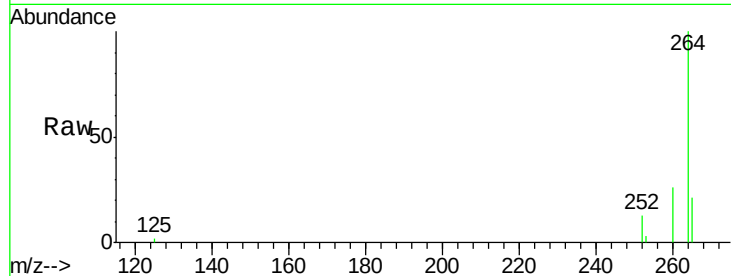
Tgt Ion:264 Resp: 90117

Ion Ratio Lower Upper

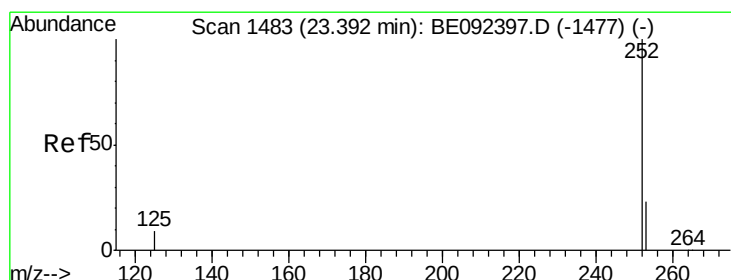
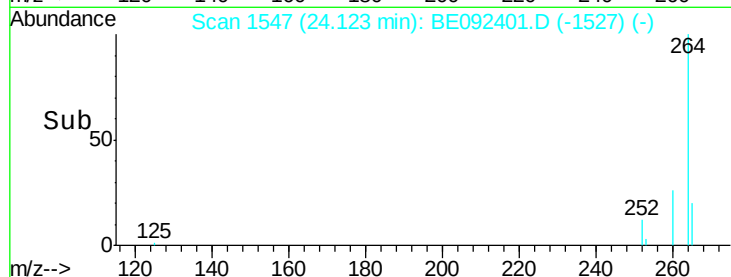
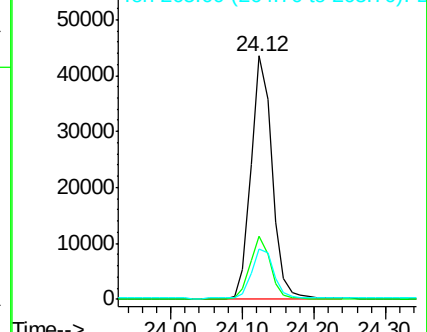
264 100

260 25.7 20.1 30.1

265 20.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#32

Benzo(b)fluoranthene

Concen: 55.56 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.04 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

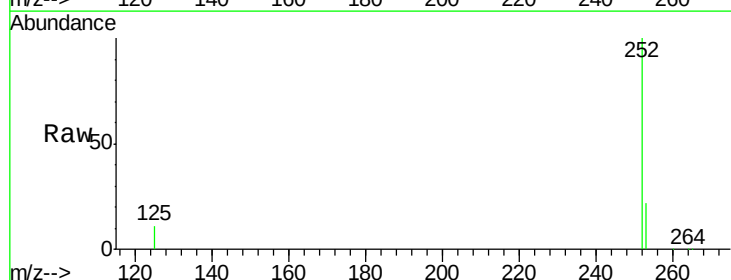
Tgt Ion:252 Resp: 1212378

Ion Ratio Lower Upper

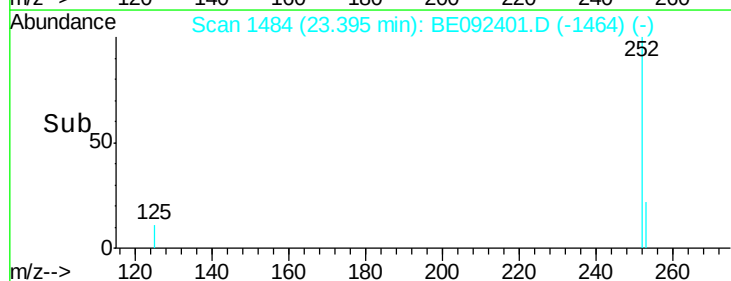
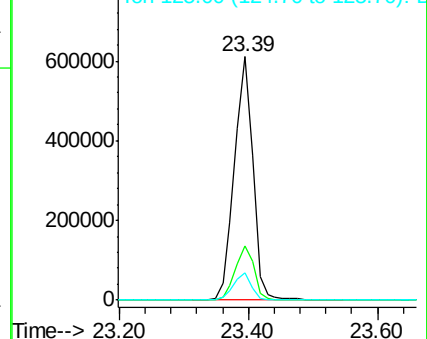
252 100

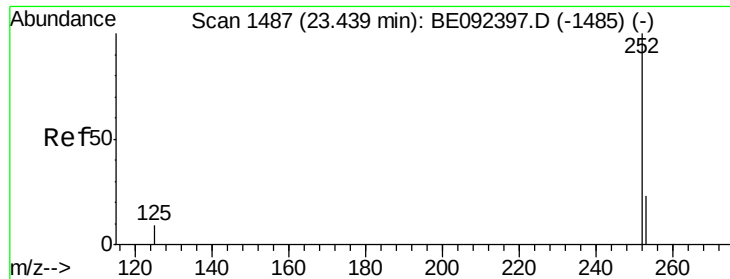
253 22.2 18.7 28.1

125 11.1 10.5 15.7



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





#33

Benzo(k)fluoranthene

Concen: 53.19 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

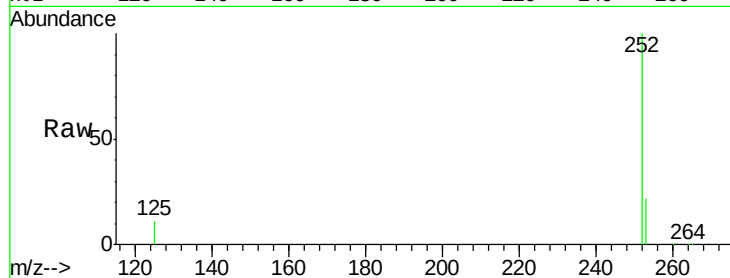
Tgt Ion:252 Resp: 1214864

Ion Ratio Lower Upper

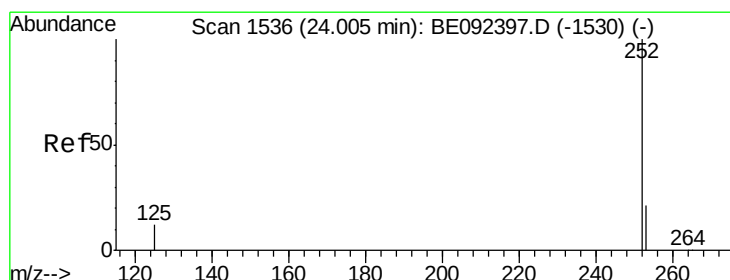
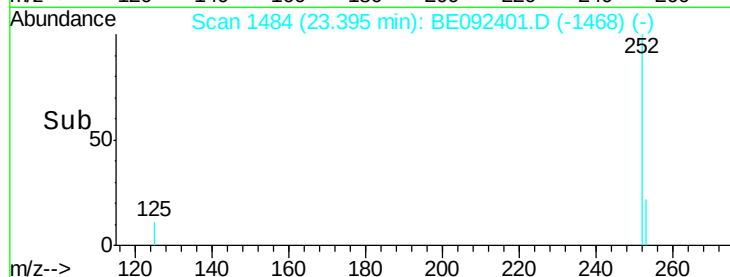
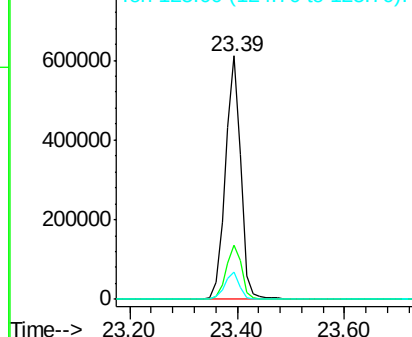
252 100

253 22.2 20.3 30.5

125 11.1 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: 96.67 ng

RT: 24.03 min Scan# 1539

Delta R.T. 0.05 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

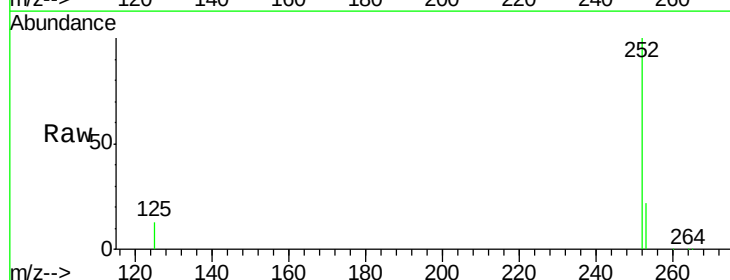
Tgt Ion:252 Resp: 2067620

Ion Ratio Lower Upper

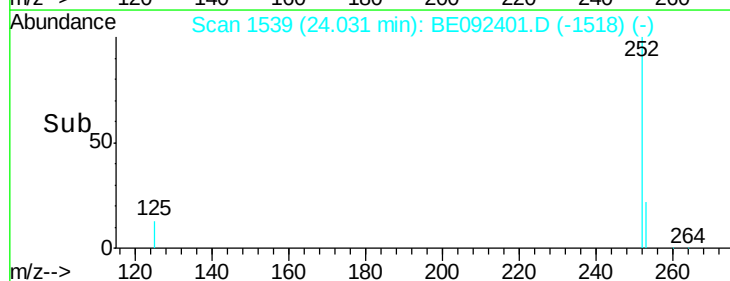
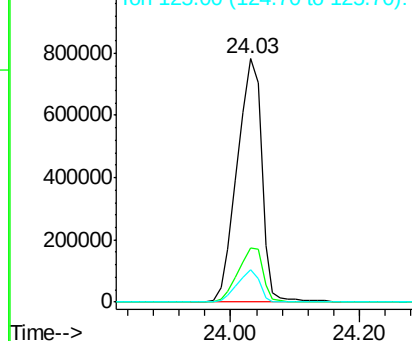
252 100

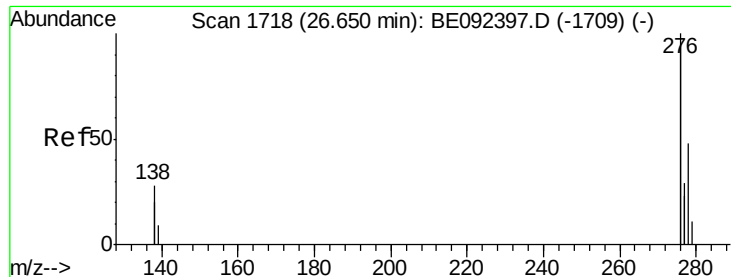
253 22.4 19.0 28.6

125 13.5 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: 1.71 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.05 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

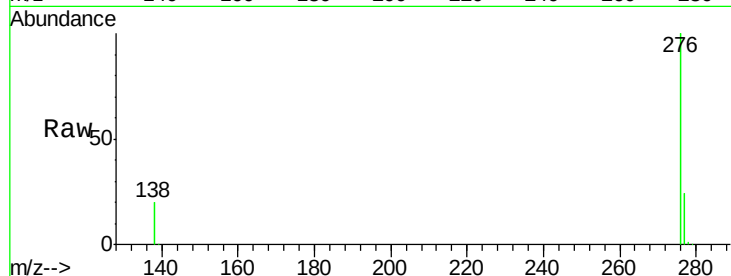
Tgt Ion:278 Resp: 33613

Ion Ratio Lower Upper

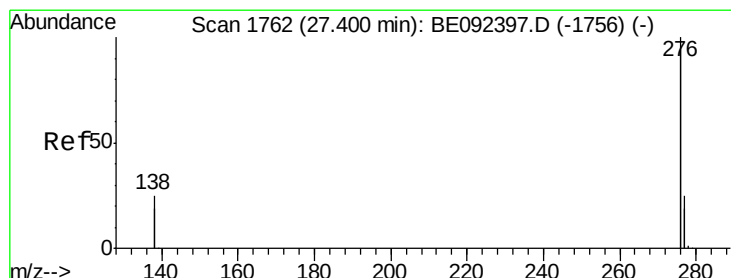
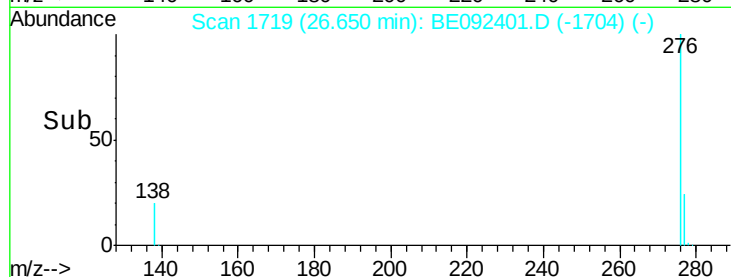
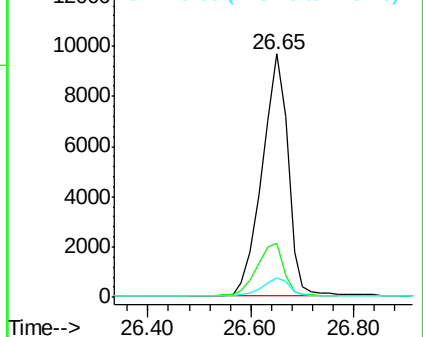
278 100

139 22.4 13.8 20.8#

279 7.9 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: 92.84 ng

RT: 27.45 min Scan# 1766

Delta R.T. 0.10 min

Lab File: BE092401.D

Acq: 22 Sep 2016 18:28

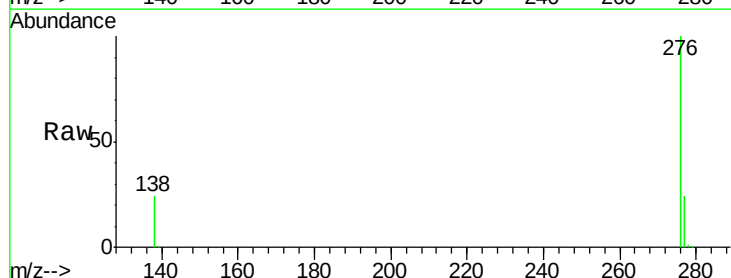
Tgt Ion:276 Resp: 7819163

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 24.4 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

