

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092316\
 Data File : BE092410.D
 Acq On : 23 Sep 2016 10:53
 Operator : UM/SJ
 Sample : H4803-05DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Sep 23 19:25:52 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	8501	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	40820	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	27821	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	66368	5.00	ng	0.02
24) Chrysene-d12	21.75	240	96239	5.00	ng	0.00
31) Perylene-d12	24.12	264	78919	5.00	ng	0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	22794	11.32	ng	-0.02
5) Phenol-d6	7.33	99	31782	11.07	ng	-0.02
8) Nitrobenzene-d5	9.34	82	20314	6.87	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	11637	11.72	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	55779	8.47	ng	-0.01
26) Terphenyl-d14	20.17	244	89282	7.48	ng	0.00

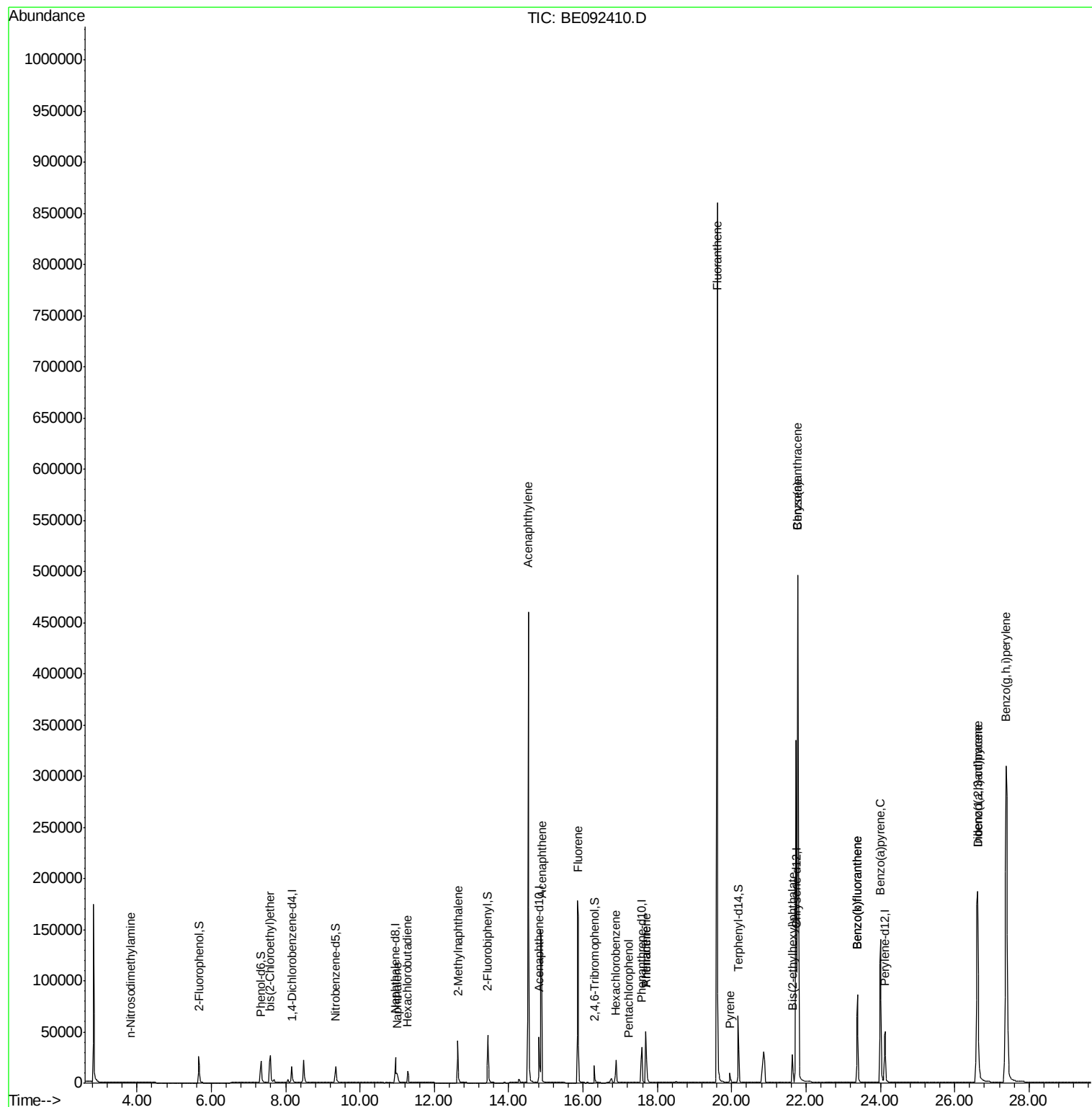
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.83	42	7	0.20	ng	# 15
6) bis(2-Chloroethyl)ether	7.59	93	31102	13.66	ng	# 27
9) Naphthalene	10.99	128	14622	1.65	ng	# 96
10) Hexachlorobutadiene	11.28	225	9538	6.86	ng	99
11) 2-Methylnaphthalene	12.62	142	37470	6.41	ng	95
15) Acenaphthylene	14.53	152	616677	15.31	ng	100
16) Acenaphthene	14.88	154	39999	6.34	ng	96
17) Fluorene	15.87	166	129536	16.19	ng	99
19) Hexachlorobenzene	16.89	284	22745	8.01	ng	# 65
20) Pentachlorophenol	17.23	266	1	0.18	ng	# 72
21) Phenanthrene	17.69	178	77561	5.09	ng	# 94
22) Anthracene	17.69	178	79684	5.43	ng	99
23) Fluoranthene	19.61	202	1081155	14.92	ng	98
25) Pyrene	19.95	202	6794	0.08	ng	# 1
27) Benzo(a)anthracene	21.77	228	943291	10.06	ng	# 86
28) Chrysene	21.77	228	948708	11.05	ng	93
29) Bis(2-ethylhexyl)phthalate	21.63	149	39320	4.87	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.62	276	446450	4.90	ng	95
32) Benzo(b)fluoranthene	23.38	252	124355	6.51	ng	# 96
33) Benzo(k)fluoranthene	23.38	252	124777	6.24	ng	95
34) Benzo(a)pyrene	24.01	252	227469	12.14	ng	# 94
35) Dibenzo(a,h)anthracene	26.62	278	3133	0.18	ng	# 78
36) Benzo(g,h,i)perylene	27.38	276	783762	10.63	ng	97

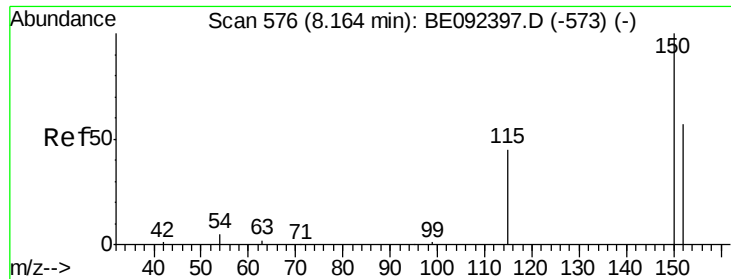
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

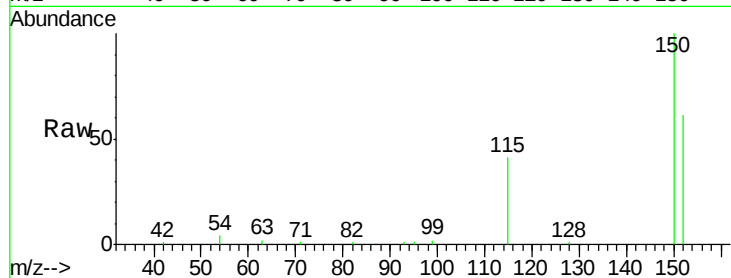
Tgt Ion: 152 Resp: 8501

Ion Ratio Lower Upper

152 100

150 164.5 106.0 159.0#

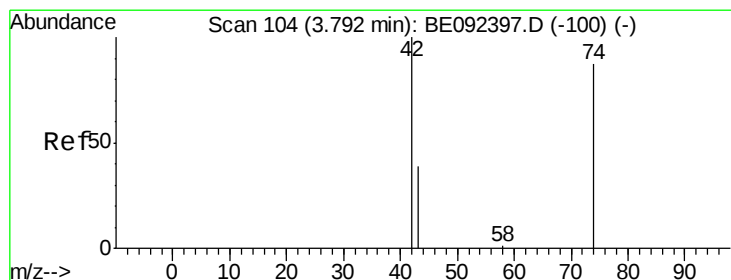
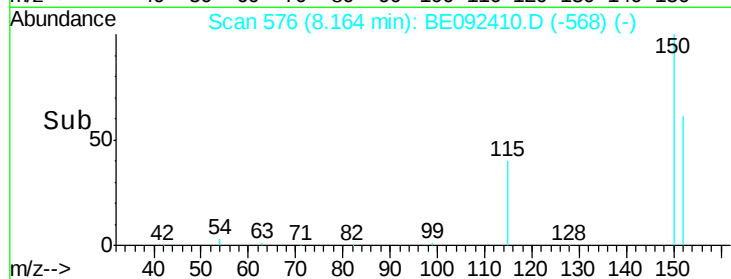
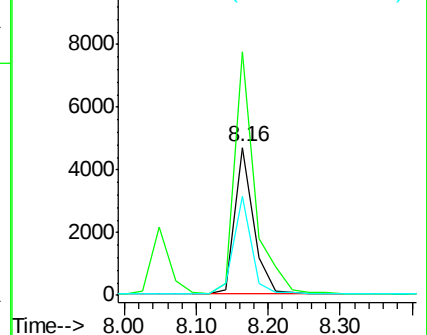
115 66.8 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.20 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.03 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

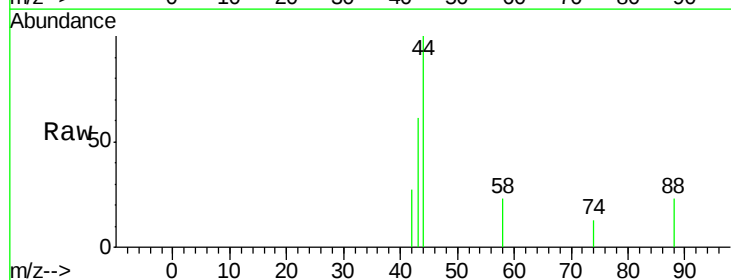
Tgt Ion: 42 Resp: 7

Ion Ratio Lower Upper

42 100

74 14.3 86.0 129.0#

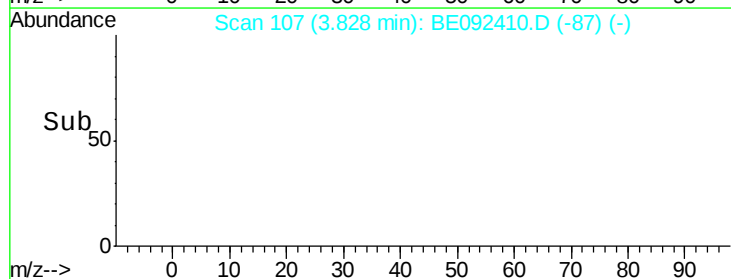
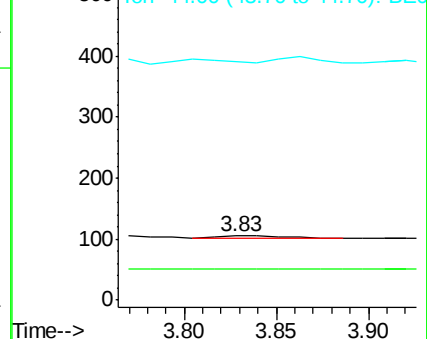
44 0.0 5.1 7.7#

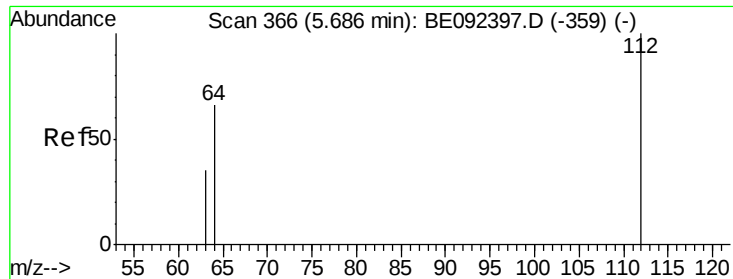


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 11.32 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

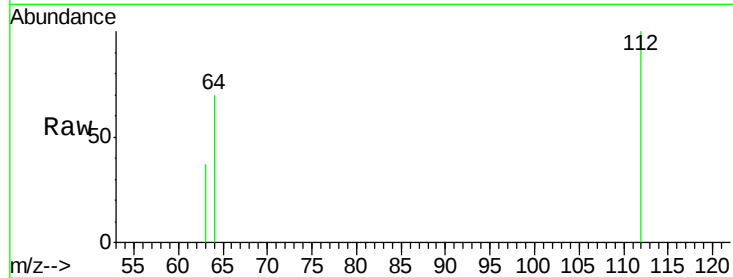
Tgt Ion: 112 Resp: 22794

Ion Ratio Lower Upper

112 100

64 67.7 53.5 80.3

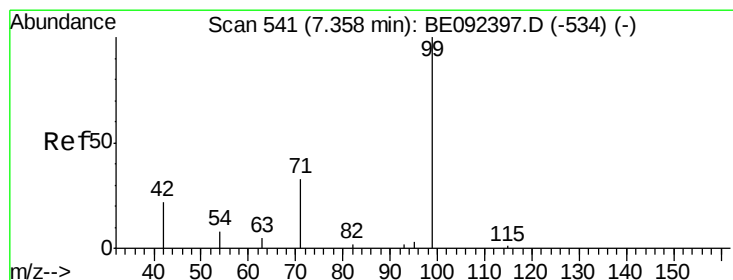
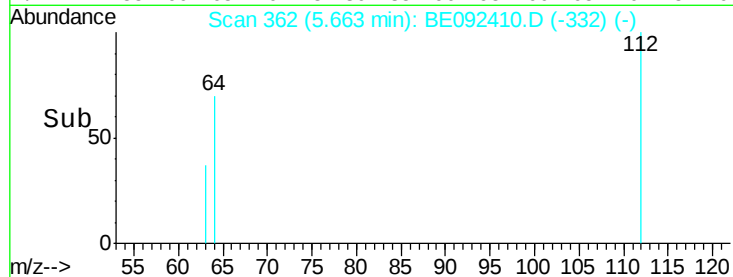
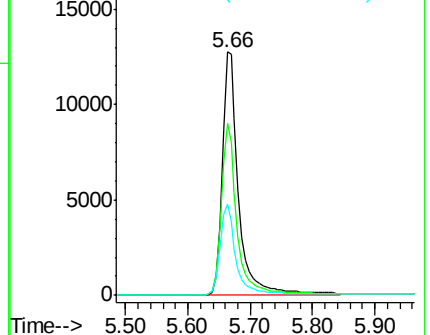
63 36.0 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092410.D (-532) (-)

Ion 64.00 (63.70 to 64.70): BE092410.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BE092410.D (-532) (-)



#5

Phenol-d6

Concen: 11.07 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

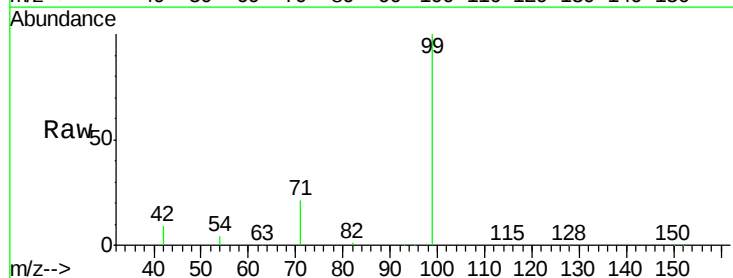
Tgt Ion: 99 Resp: 31782

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

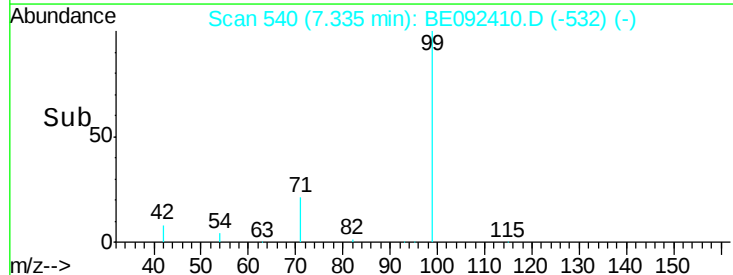
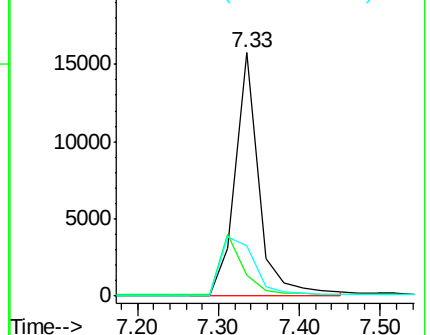
71 0.0 30.6 45.8#

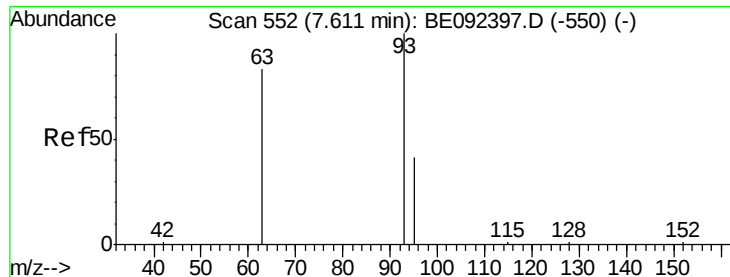


Abundance Ion 99.00 (98.70 to 99.70): BE092410.D (-532) (-)

Ion 42.00 (41.70 to 42.70): BE092410.D (-532) (-)

Ion 71.00 (70.70 to 71.70): BE092410.D (-532) (-)





#6

bis(2-Chloroethyl)ether

Concen: 13.66 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

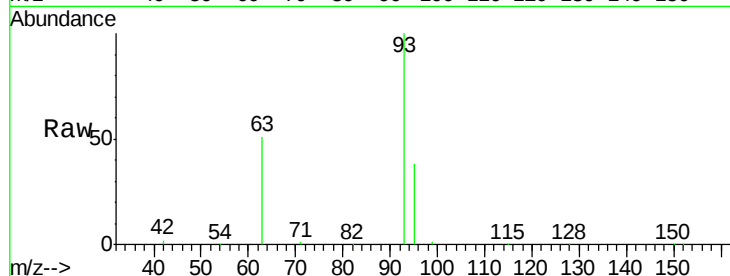
Tgt Ion: 93 Resp: 31102

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

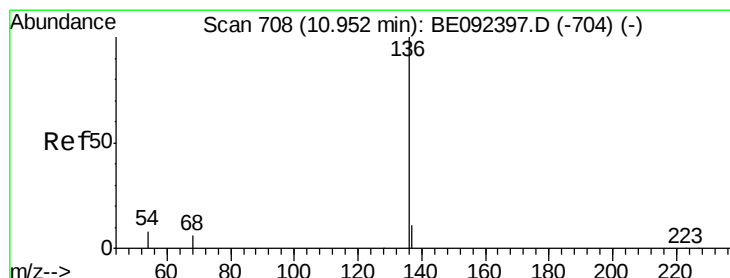
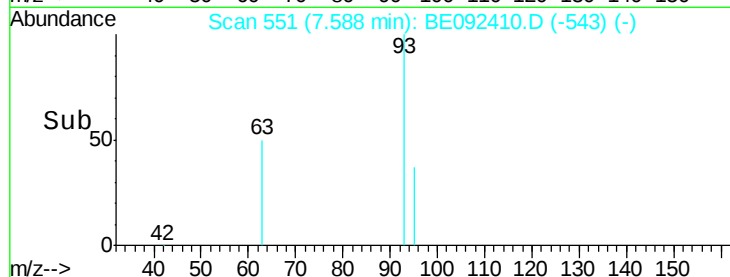
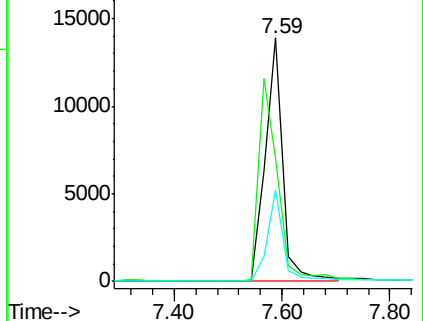
95 33.3 24.0 36.0



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: BE092410.D

Acq: 23 Sep 2016 10:53

Tgt Ion: 136 Resp: 40820

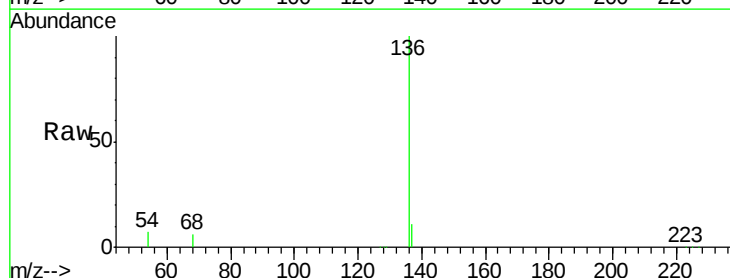
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 7.2 9.6 14.4#

68 5.5 6.7 10.1#

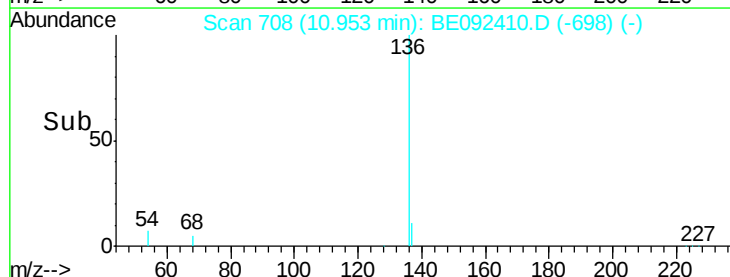
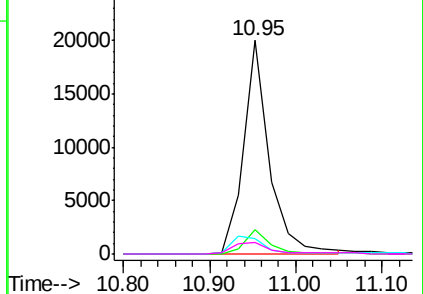


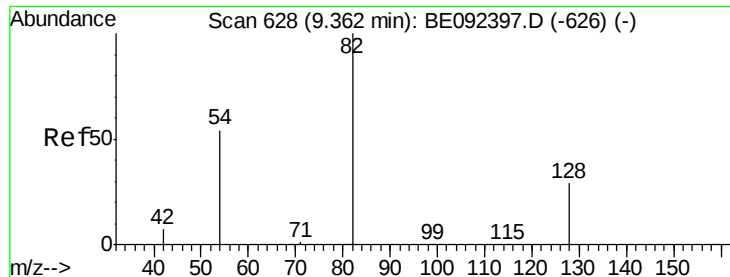
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.87 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampled :

PT-BN-WPDL

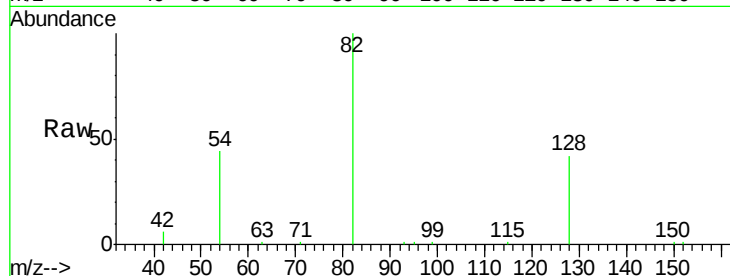
Tgt Ion: 82 Resp: 20314

Ion Ratio Lower Upper

82 100

128 42.4 39.0 58.4

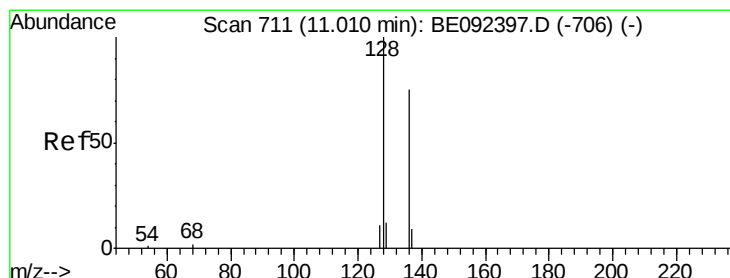
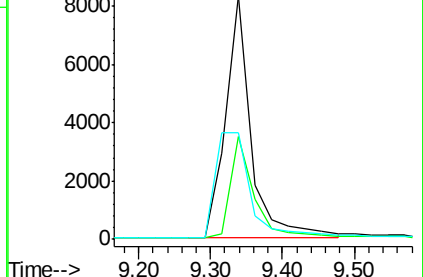
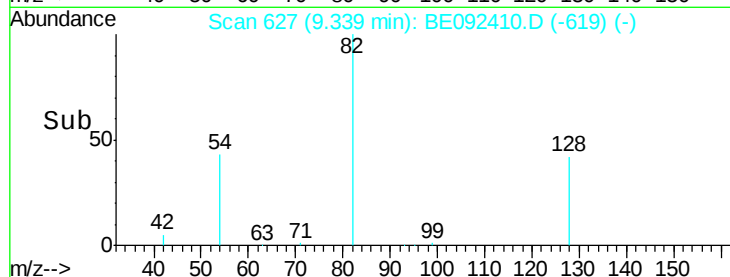
54 43.7 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE092410.D (-619) (-)

Ion 128.00 (127.70 to 128.70): BE092410.D (-619) (-)

Ion 54.00 (53.70 to 54.70): BE092410.D (-619) (-)



#9

Naphthalene

Concen: 1.65 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

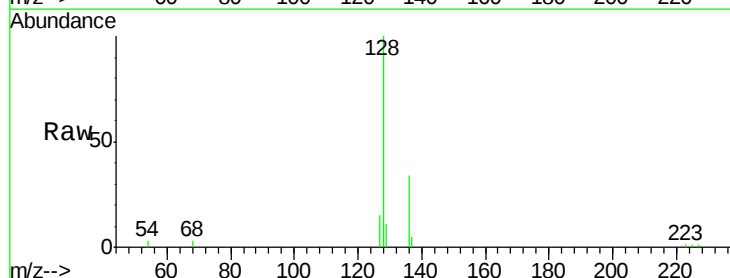
Tgt Ion: 128 Resp: 14622

Ion Ratio Lower Upper

128 100

129 10.9 11.2 16.8#

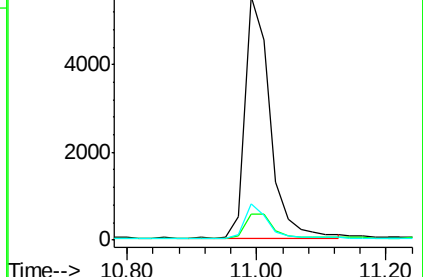
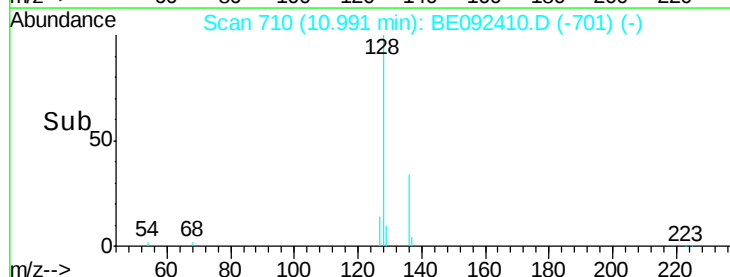
127 14.9 11.6 17.4

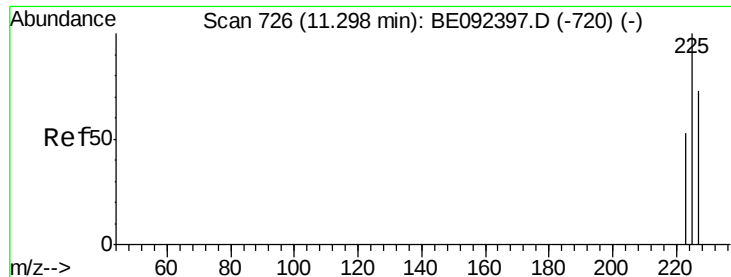


Abundance Ion 128.00 (127.70 to 128.70): BE092410.D (-701) (-)

Ion 129.00 (128.70 to 129.70): BE092410.D (-701) (-)

Ion 127.00 (126.70 to 127.70): BE092410.D (-701) (-)

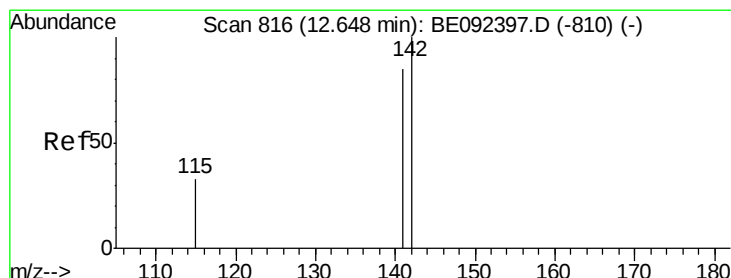
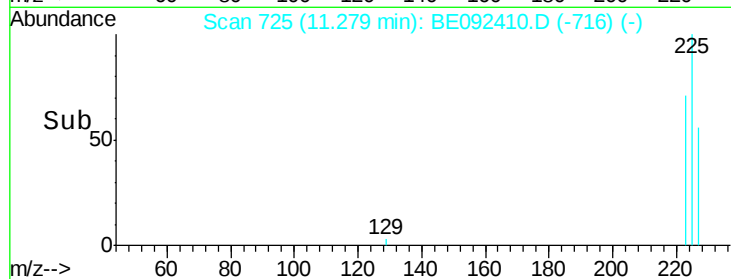
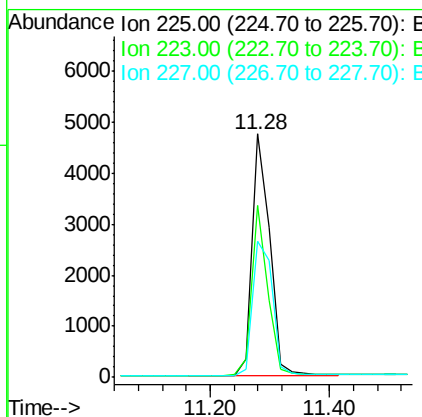
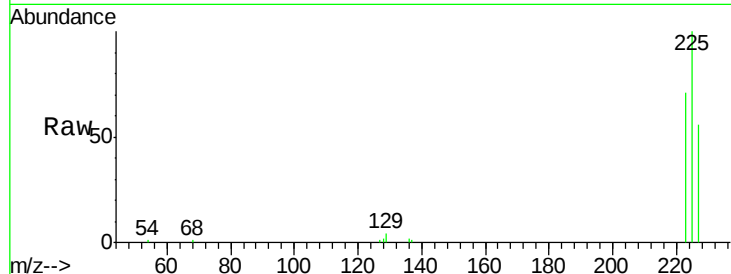




#10
Hexachlorobutadiene
Concen: 6.86 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

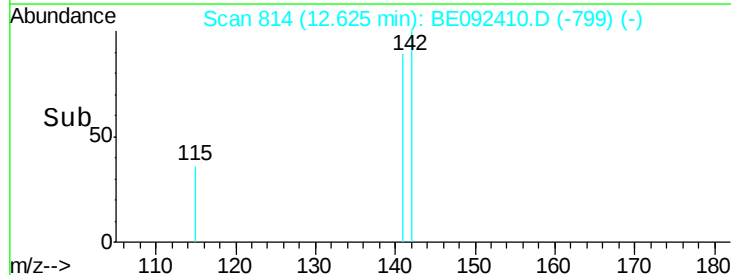
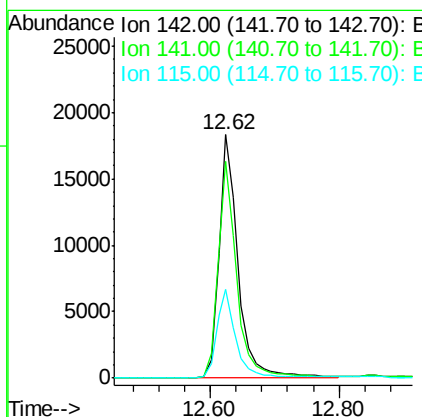
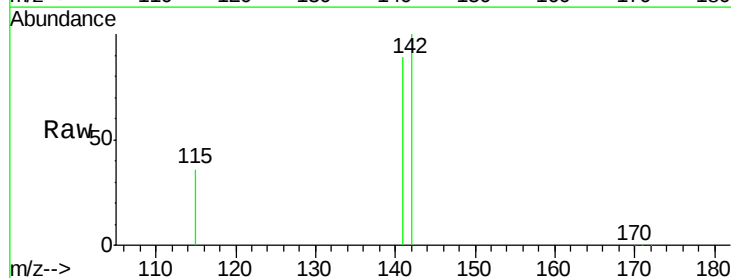
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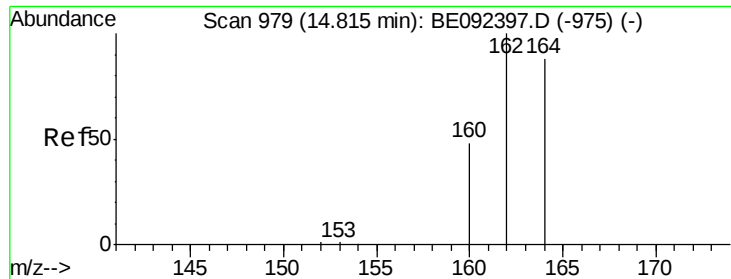
Tgt Ion: 225 Resp: 9538
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 63.5 51.4 77.0



#11
2-Methylnaphthalene
Concen: 6.41 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion: 142 Resp: 37470
Ion Ratio Lower Upper
142 100
141 88.8 73.7 110.5
115 36.3 34.0 51.0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

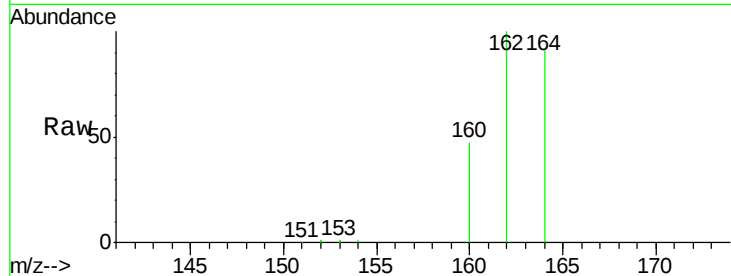
Tgt Ion:164 Resp: 27821

Ion Ratio Lower Upper

164 100

162 109.7 71.4 107.0#

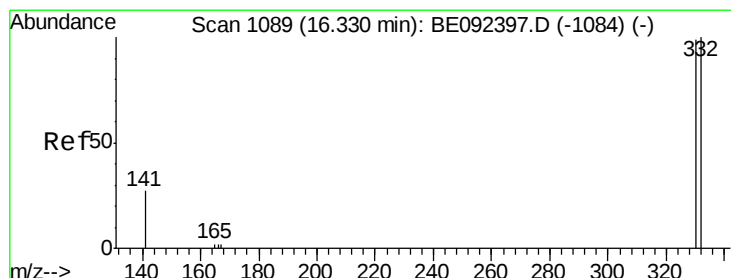
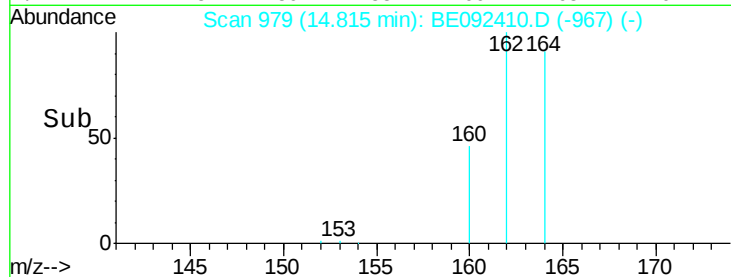
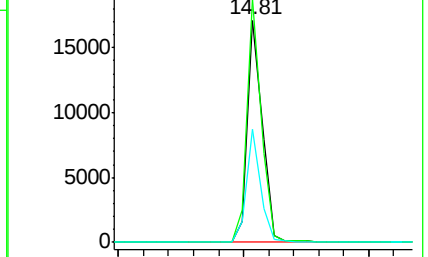
160 51.1 27.4 41.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 11.72 ng

RT: 16.31 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

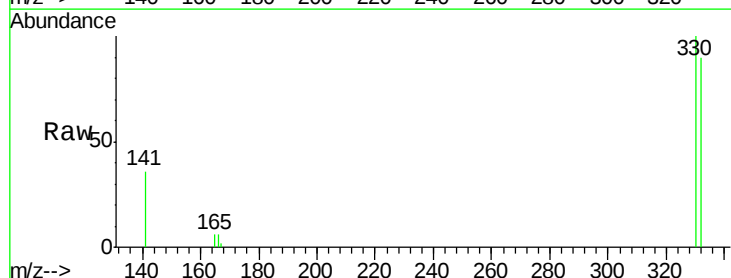
Tgt Ion:330 Resp: 11637

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.0

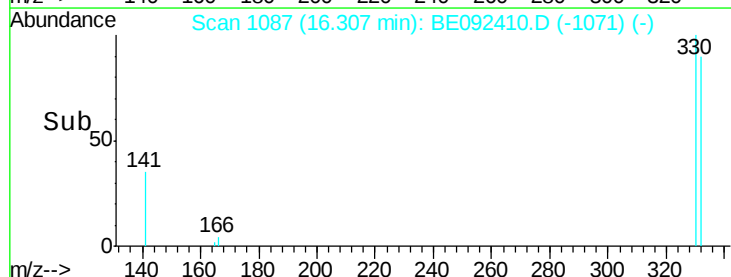
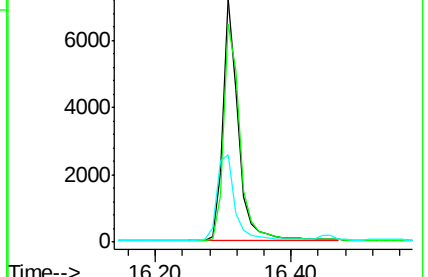
141 40.6 31.0 46.6

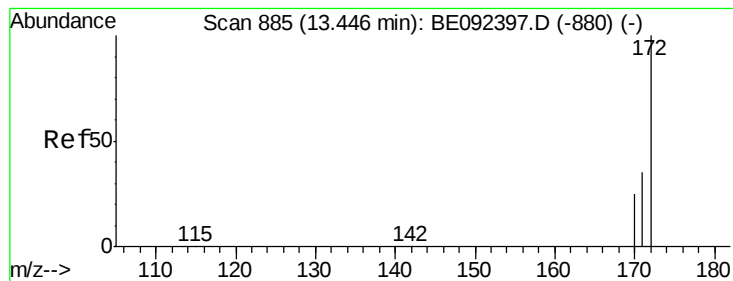


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 8.47 ng

RT: 13.43 min Scan# 884

Delta R.T. -0.01 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

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ClientSampleId :

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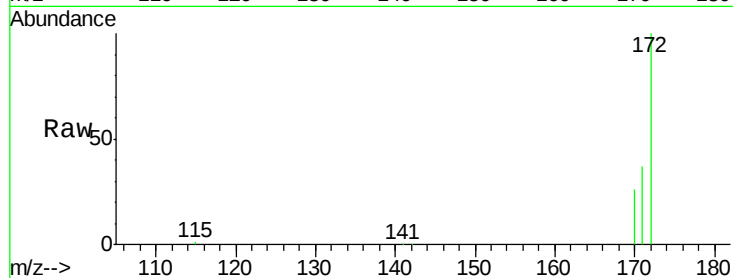
Tgt Ion:172 Resp: 55779

Ion Ratio Lower Upper

172 100

171 37.0 30.1 45.1

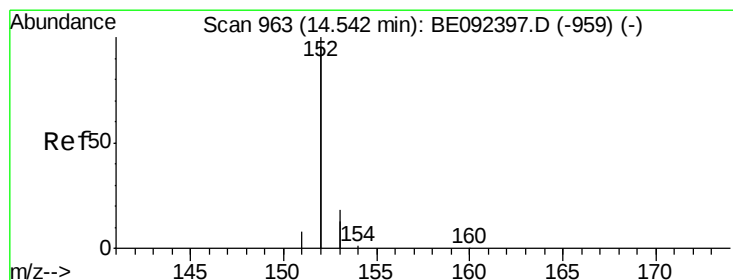
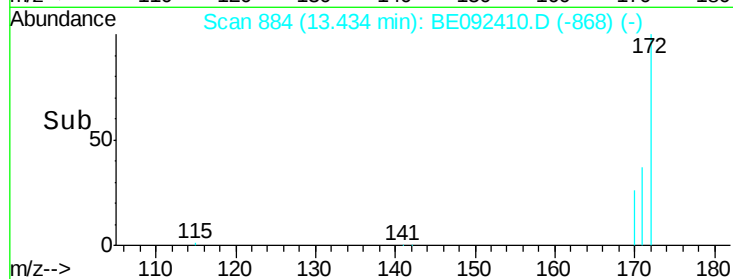
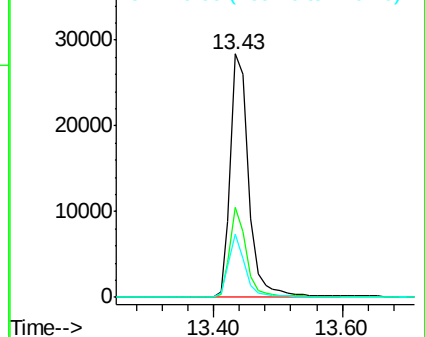
170 26.2 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#15

Acenaphthylene

Concen: 15.31 ng

RT: 14.53 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

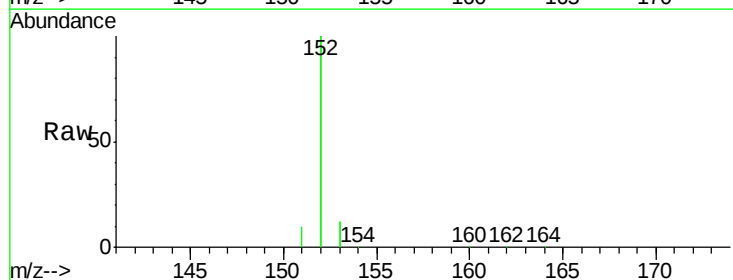
Tgt Ion:152 Resp: 616677

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

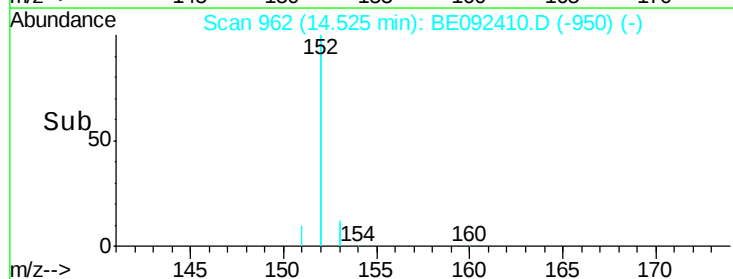
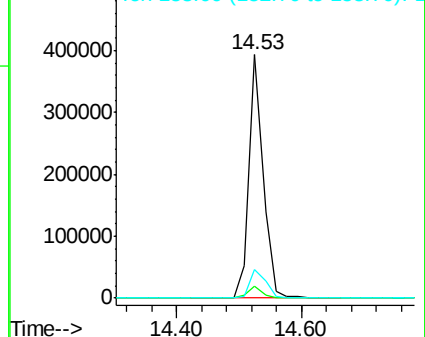
153 13.2 10.4 15.6

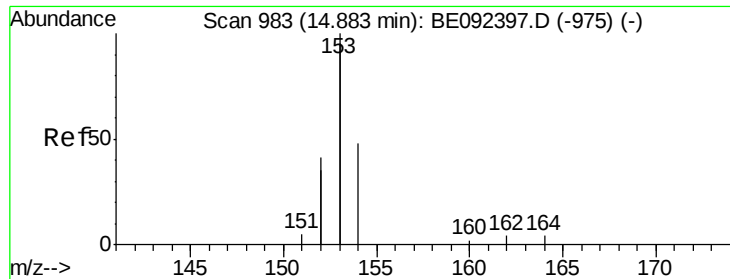


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#16

Acenaphthene

Concen: 6.34 ng

RT: 14.88 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

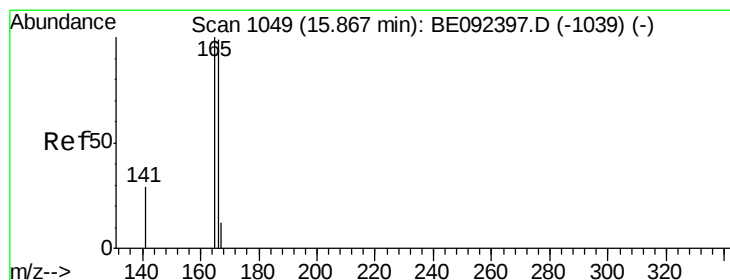
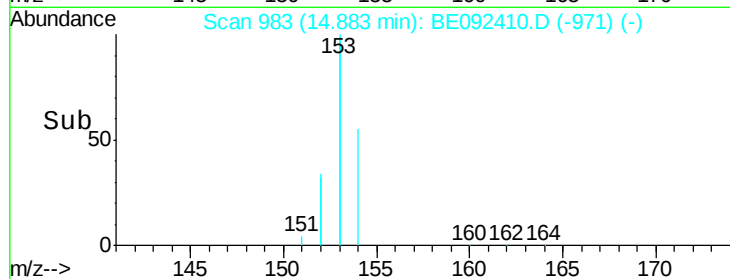
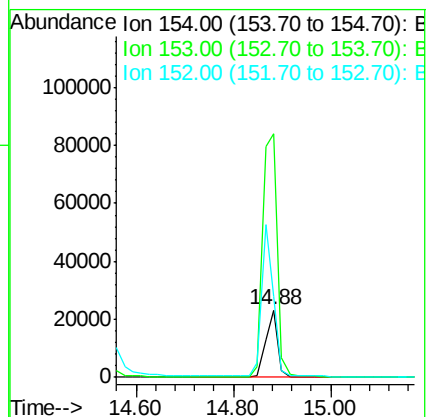
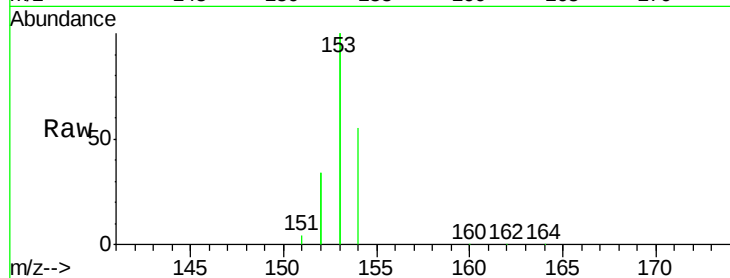
Tgt Ion:154 Resp: 39999

Ion Ratio Lower Upper

154 100

153 446.9 350.8 526.2

152 223.0 171.1 256.7



#17

Fluorene

Concen: 16.19 ng

RT: 15.87 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

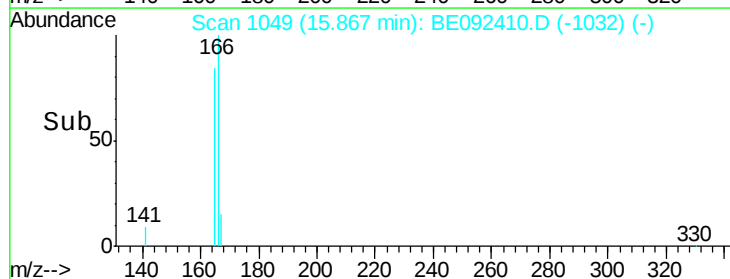
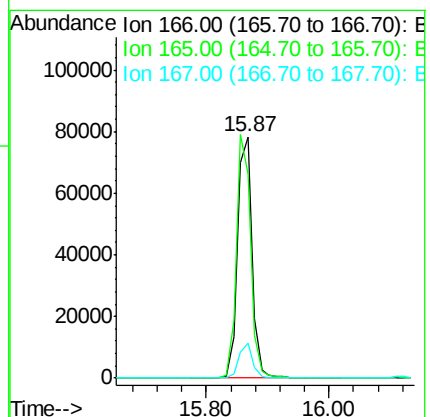
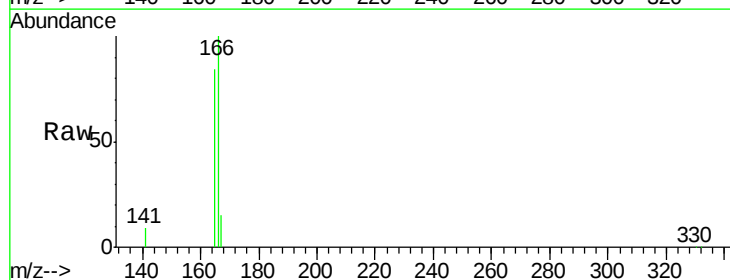
Tgt Ion:166 Resp: 129536

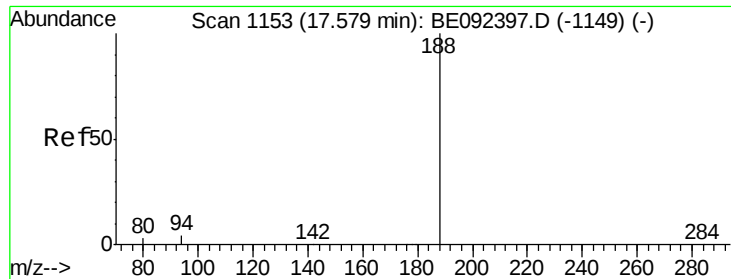
Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

167 13.4 11.0 16.4





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

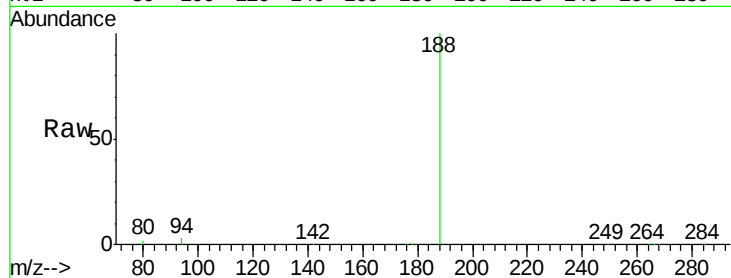
Tgt Ion:188 Resp: 66368

Ion Ratio Lower Upper

188 100

94 3.0 3.2 4.8#

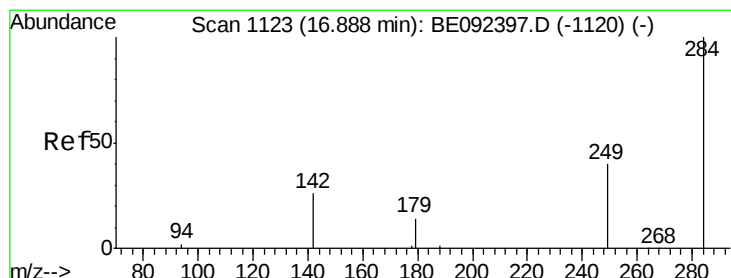
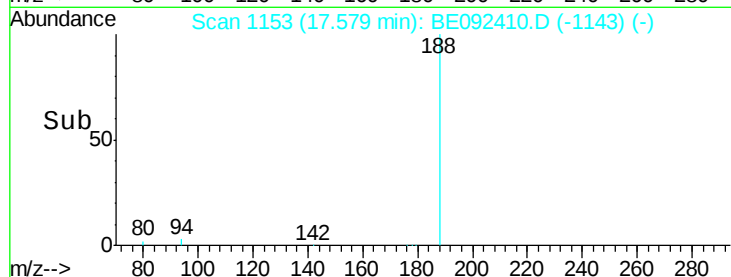
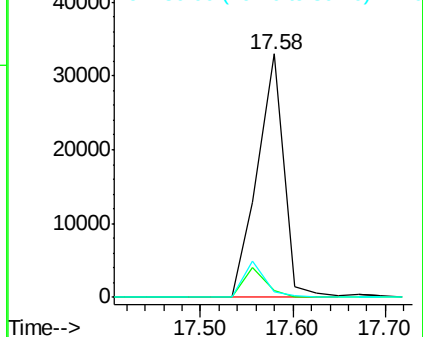
80 2.5 2.6 3.8#



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: 8.01 ng

RT: 16.89 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

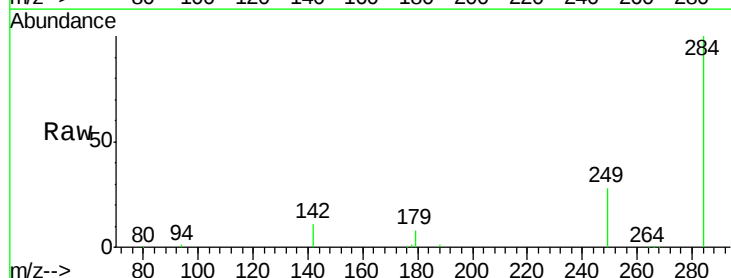
Tgt Ion:284 Resp: 22745

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

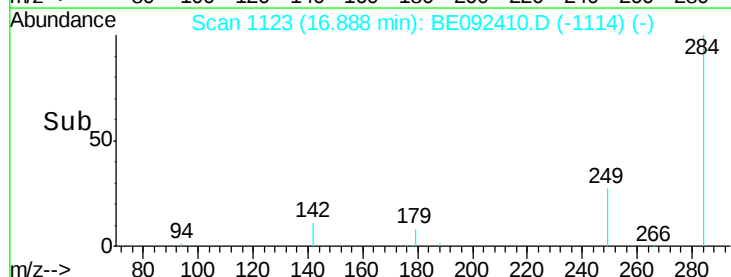
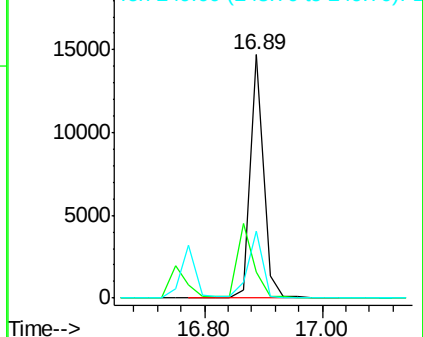
249 30.3 27.9 41.9

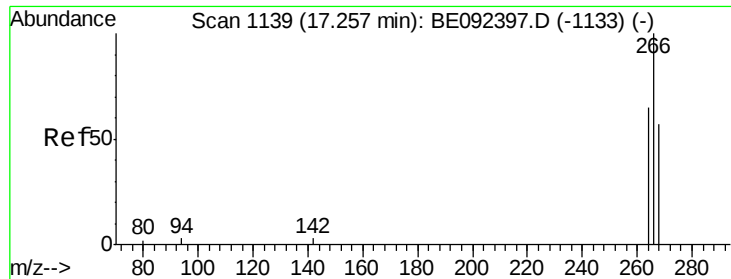


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

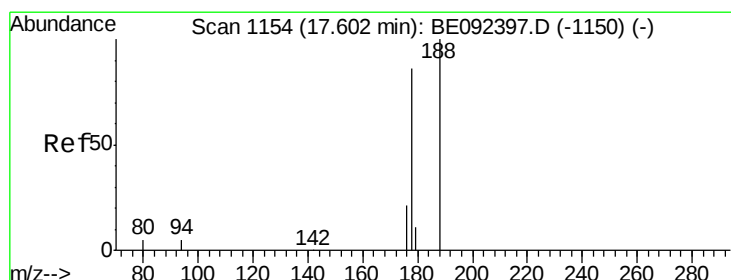
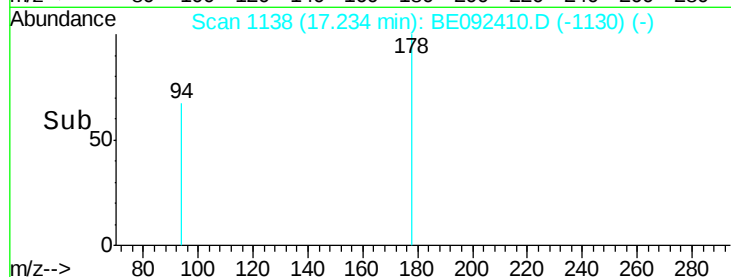
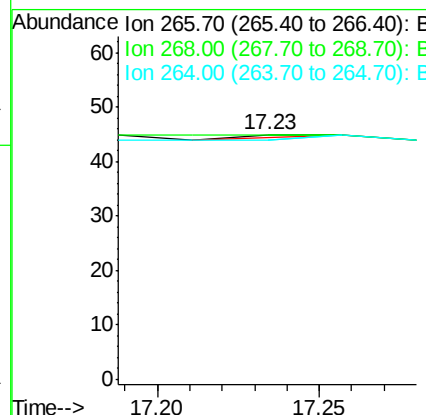
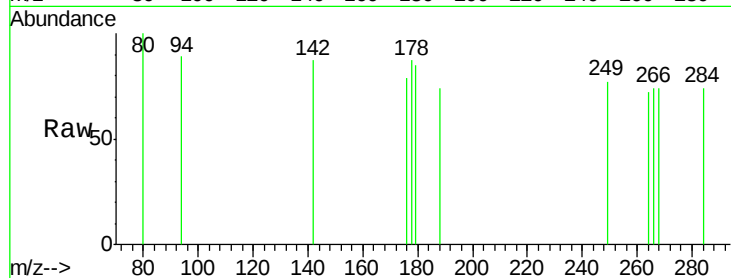




#20
 Pentachlorophenol
 Concen: 0.18 ng
 RT: 17.23 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BE092410.D
 Acq: 23 Sep 2016 10:53

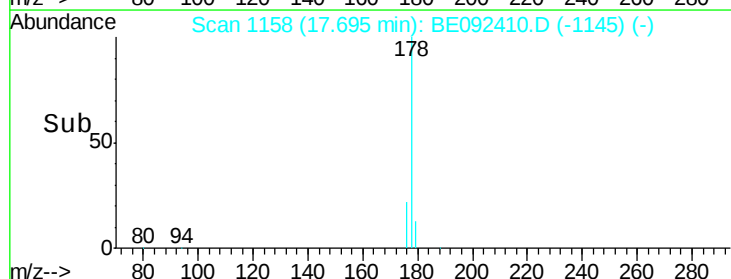
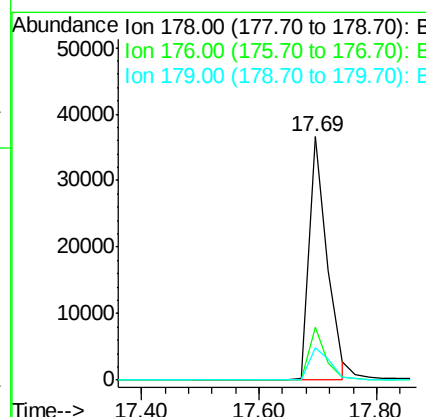
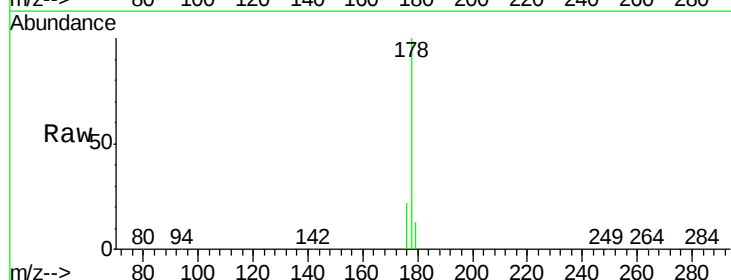
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WPDL

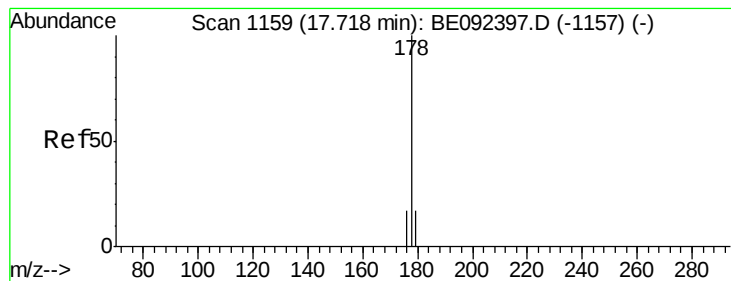
Tgt Ion: 266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 268 100.0 62.5 93.7#
 264 97.8 57.2 85.8#



#21
 Phenanthrene
 Concen: 5.09 ng
 RT: 17.69 min Scan# 1158
 Delta R.T. 0.09 min
 Lab File: BE092410.D
 Acq: 23 Sep 2016 10:53

Tgt Ion: 178 Resp: 77561
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 14.8 16.0 24.0#





#22

Anthracene

Concen: 5.43 ng

RT: 17.69 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

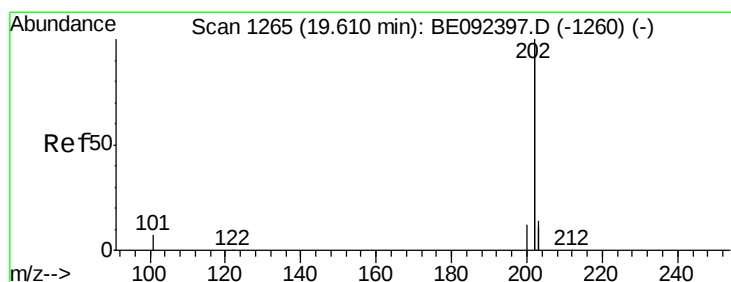
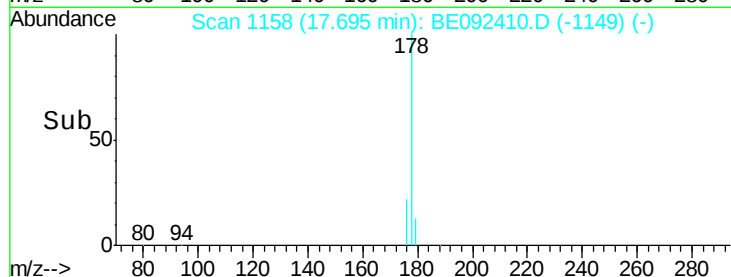
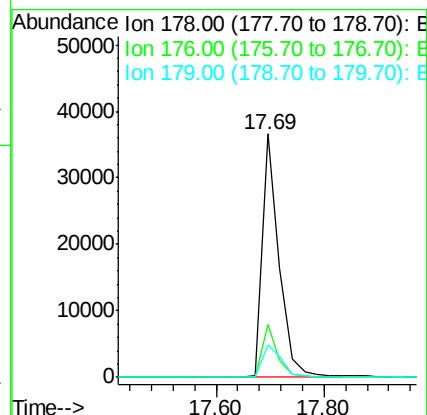
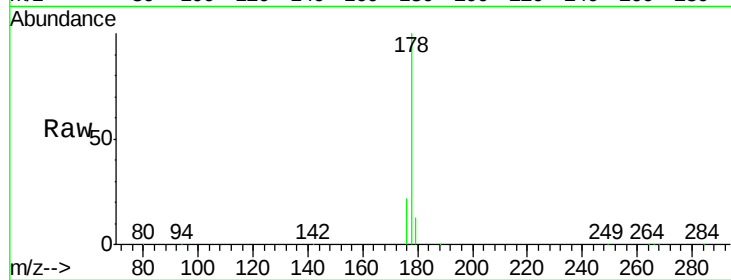
Tgt Ion:178 Resp: 79684

Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

179 14.9 12.2 18.2



#23

Fluoranthene

Concen: 14.92 ng

RT: 19.61 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

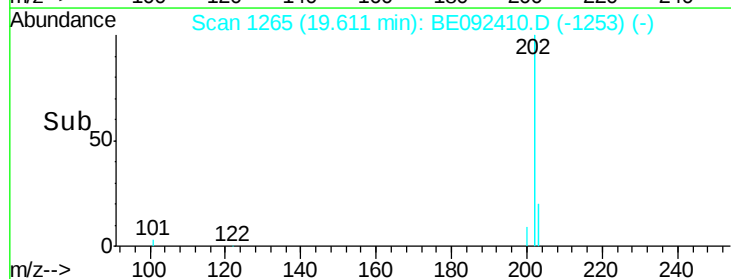
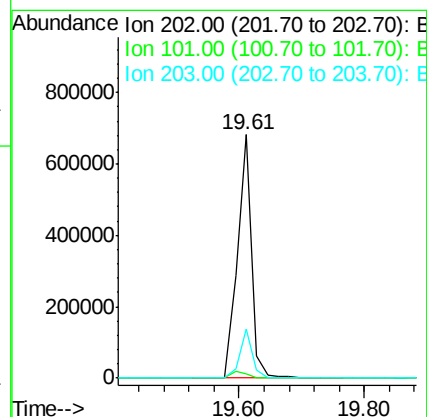
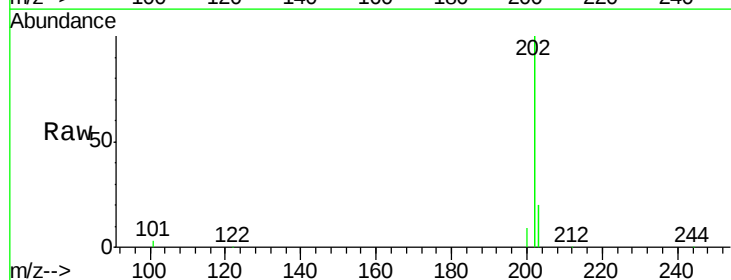
Tgt Ion:202 Resp: 1081155

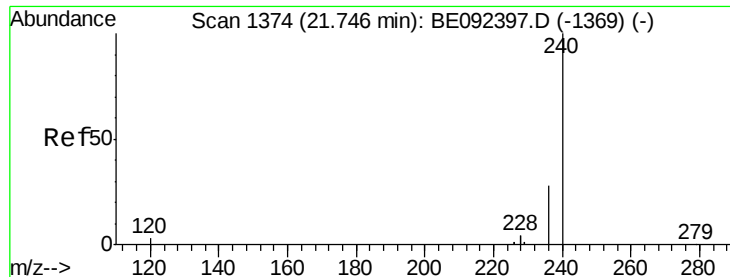
Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

203 18.0 13.7 20.5

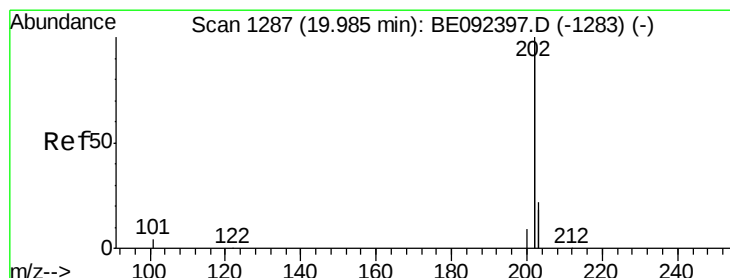
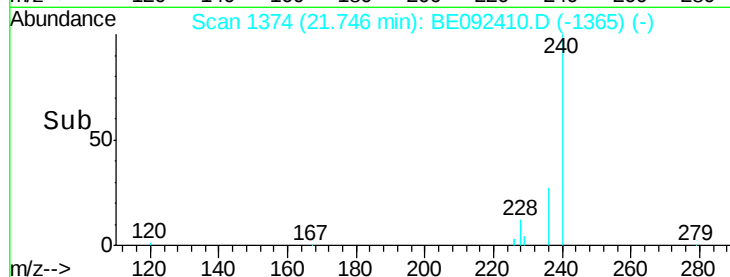
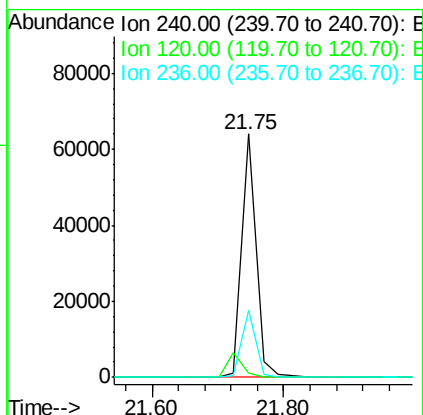
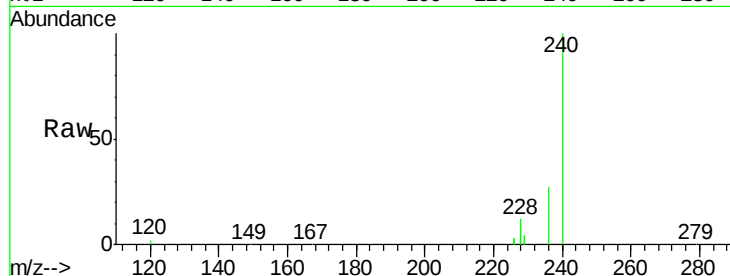




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

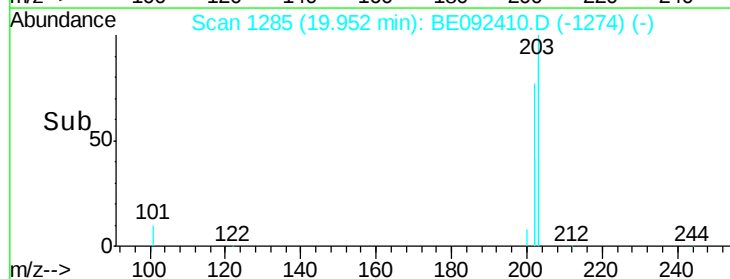
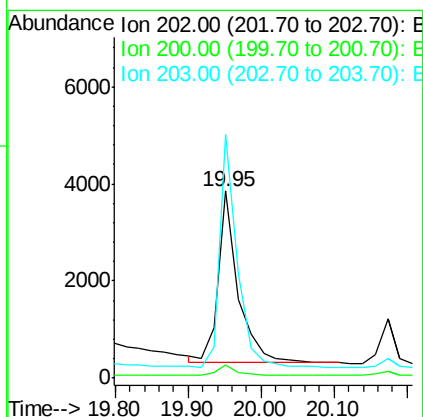
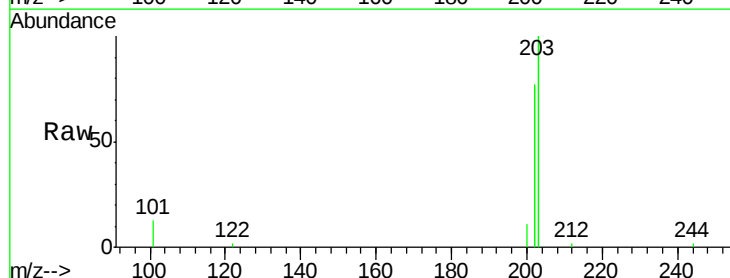
Instrument :
BNA_E
ClientSampleId :
PT-BN-WPDL

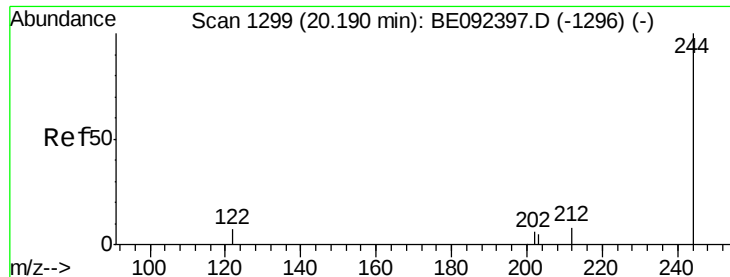
Tgt Ion:240 Resp: 96239
Ion Ratio Lower Upper
240 100
120 1.5 2.6 4.0#
236 27.5 24.6 37.0



#25
Pyrene
Concen: 0.08 ng
RT: 19.95 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092410.D
Acq: 23 Sep 2016 10:53

Tgt Ion:202 Resp: 6794
Ion Ratio Lower Upper
202 100
200 6.1 4.2 6.4
203 116.6 13.9 20.9#

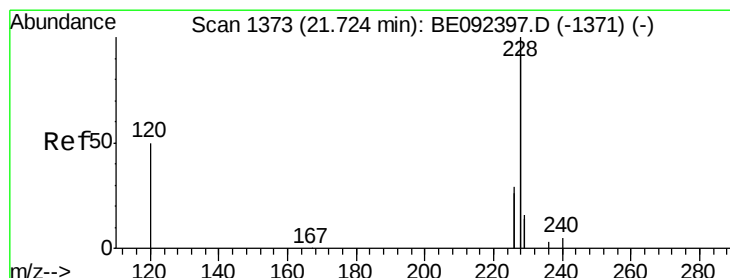
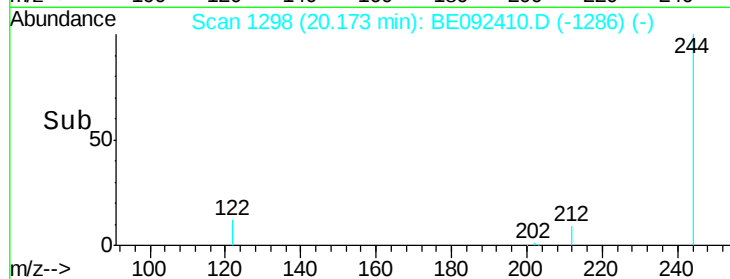
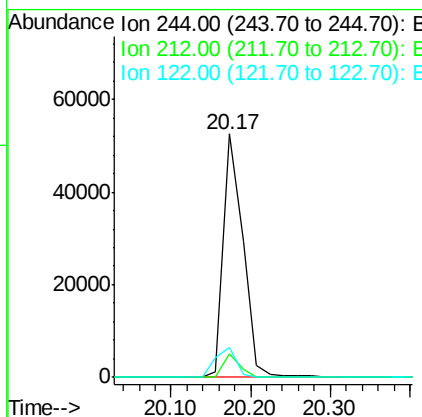
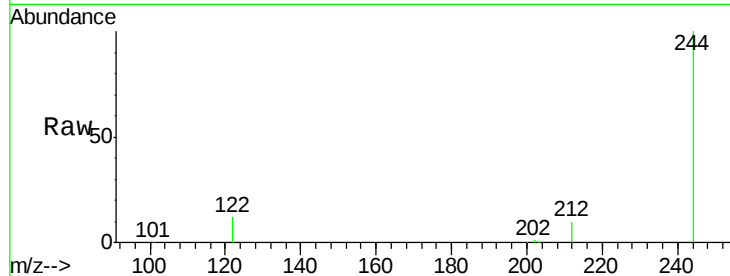




#26
 Terphenyl-d14
 Concen: 7.48 ng
 RT: 20.17 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092410.D
 Acq: 23 Sep 2016 10:53

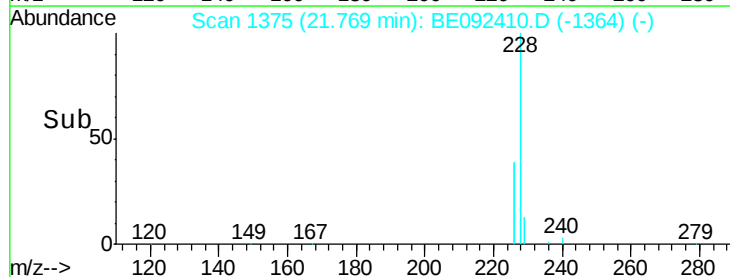
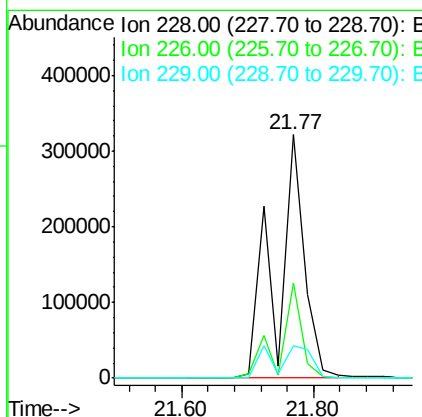
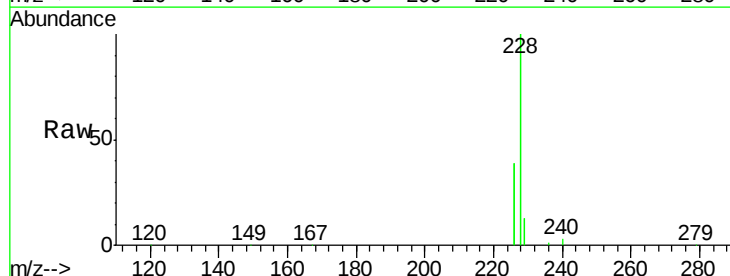
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WPDL

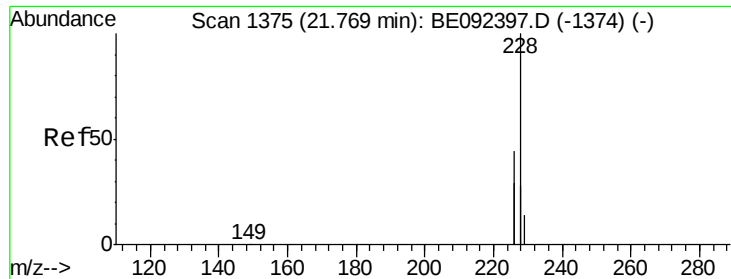
Tgt Ion: 244 Resp: 89282
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.7 10.1
 122 12.1 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 10.06 ng
 RT: 21.77 min Scan# 1375
 Delta R.T. 0.05 min
 Lab File: BE092410.D
 Acq: 23 Sep 2016 10:53

Tgt Ion: 228 Resp: 943291
 Ion Ratio Lower Upper
 228 100
 226 39.3 23.6 35.4#
 229 13.4 13.3 19.9





#28

Chrysene

Concen: 11.05 ng

RT: 21.77 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

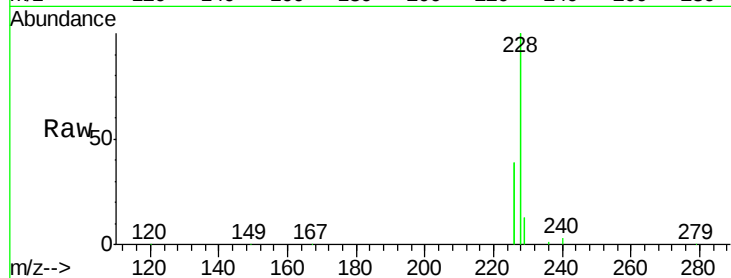
Tgt Ion:228 Resp: 948708

Ion Ratio Lower Upper

228 100

226 39.3 36.3 54.5

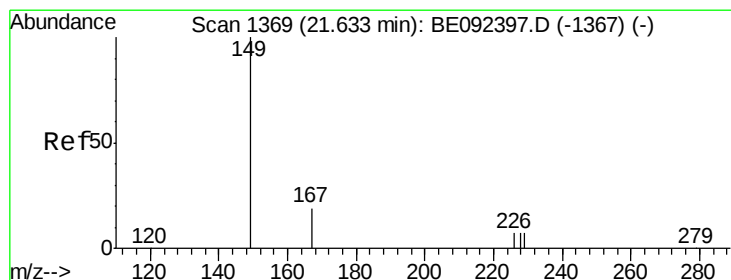
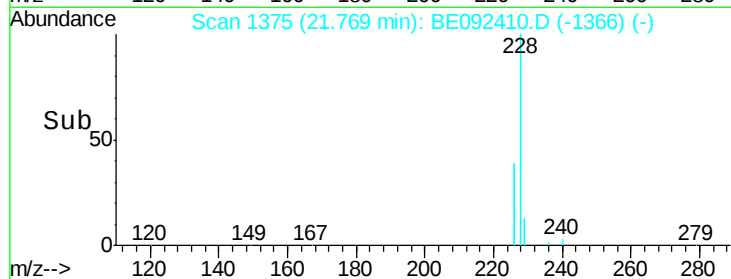
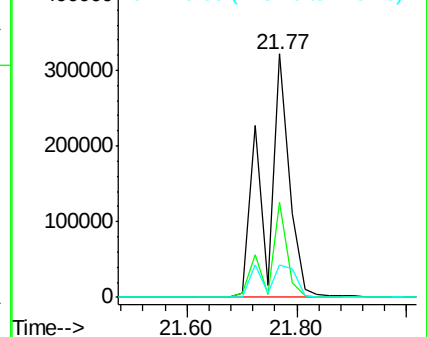
229 13.4 10.6 16.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 4.87 ng

RT: 21.63 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

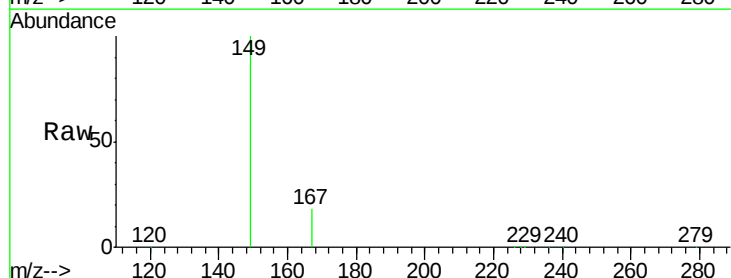
Tgt Ion:149 Resp: 39320

Ion Ratio Lower Upper

149 100

167 23.8 16.0 24.0

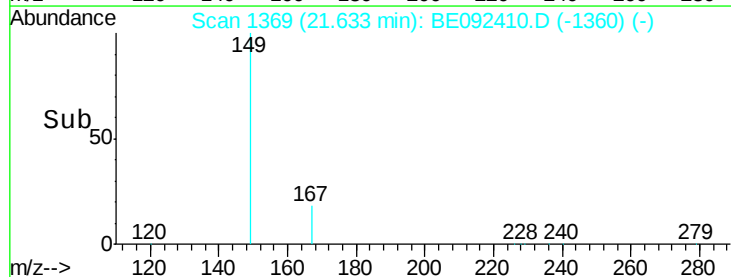
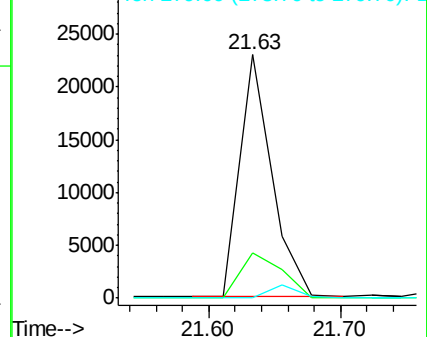
279 0.0 16.0 24.0#

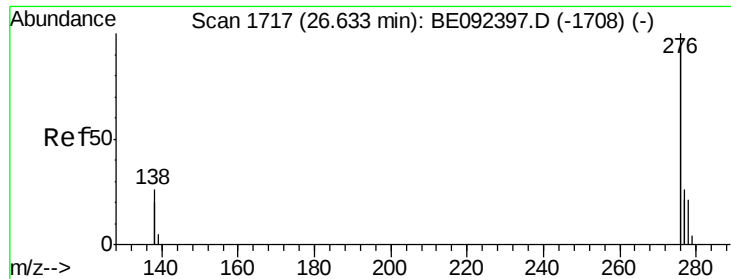


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.90 ng

RT: 26.62 min Scan# 1716

Delta R.T. 0.03 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

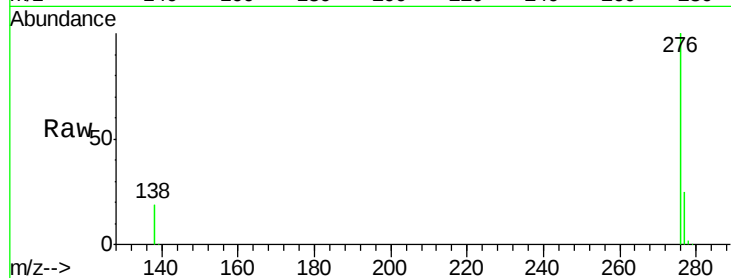
Tgt Ion: 276 Resp: 446450

Ion Ratio Lower Upper

276 100

138 21.2 20.3 30.5

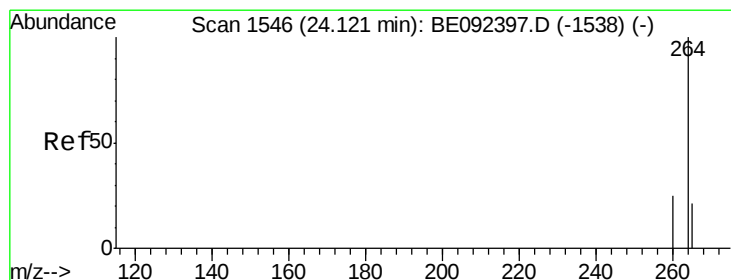
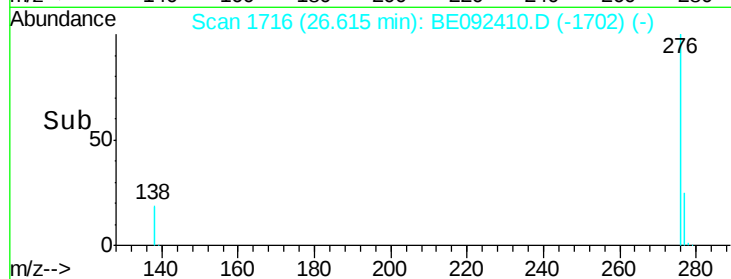
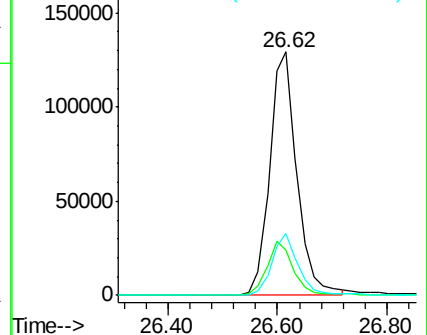
277 23.9 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1546

Delta R.T. 0.04 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

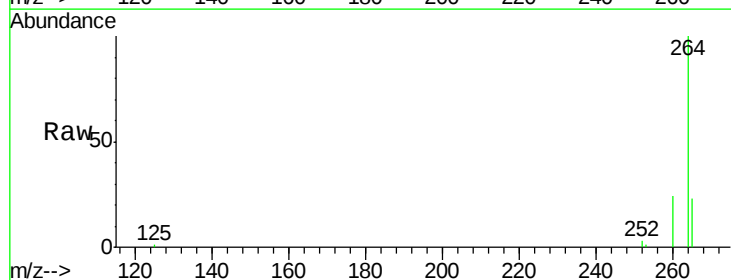
Tgt Ion: 264 Resp: 78919

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

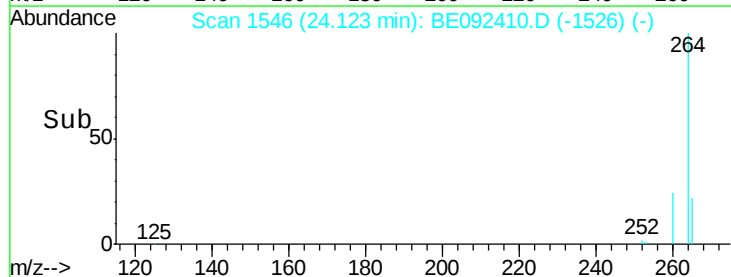
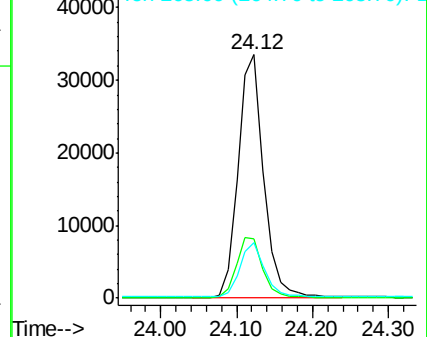
265 22.8 17.9 26.9

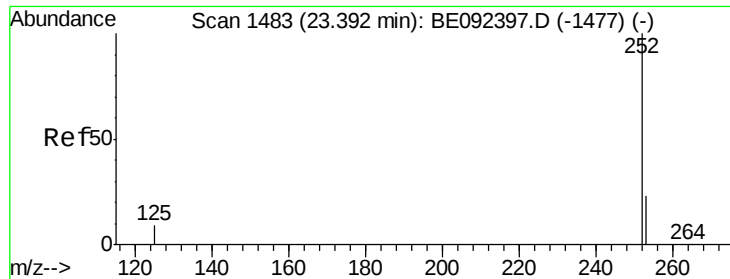


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#32

Benzo(b)fluoranthene

Concen: 6.51 ng

RT: 23.38 min Scan# 1482

Delta R.T. 0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

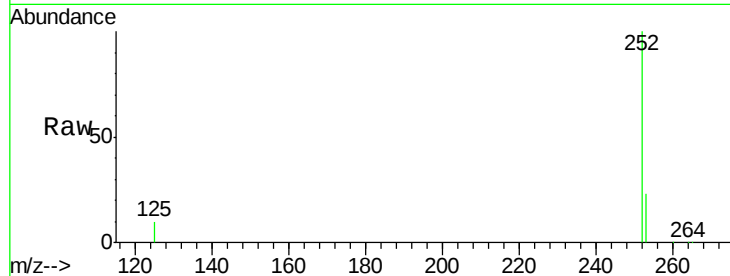
Tgt Ion: 252 Resp: 124355

Ion Ratio Lower Upper

252 100

253 22.7 18.7 28.1

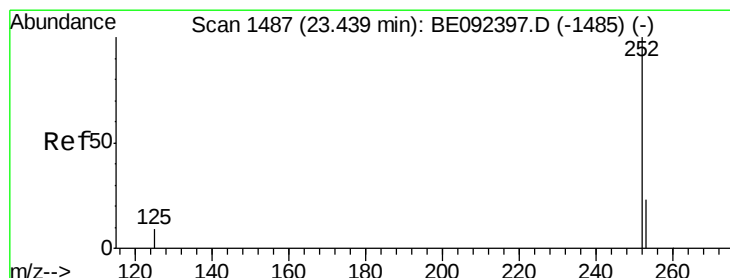
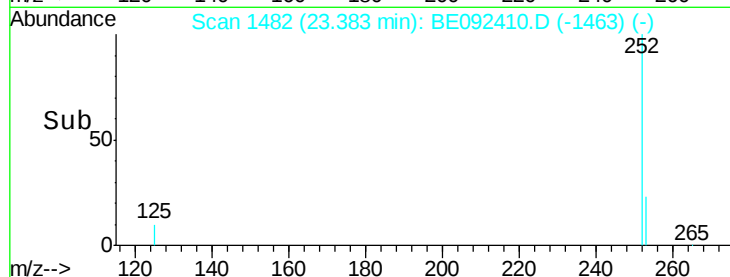
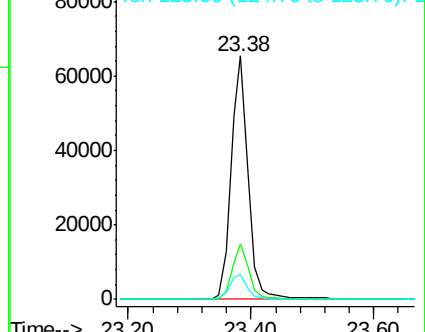
125 10.0 10.5 15.7#



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: 6.24 ng

RT: 23.38 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

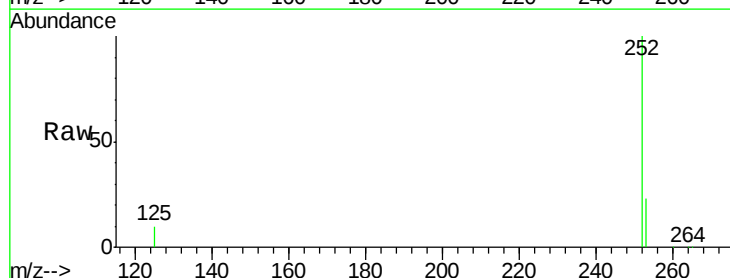
Tgt Ion: 252 Resp: 124777

Ion Ratio Lower Upper

252 100

253 22.7 20.3 30.5

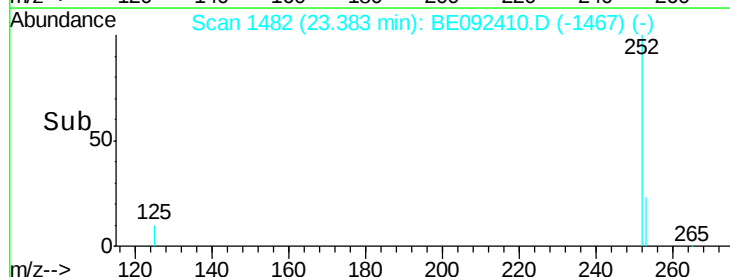
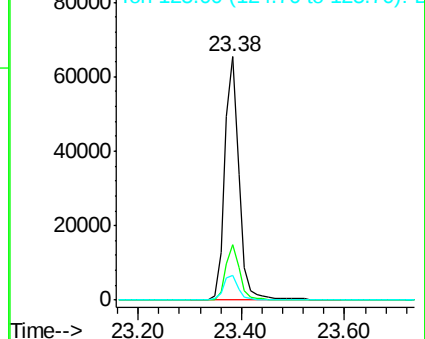
125 10.0 9.6 14.4

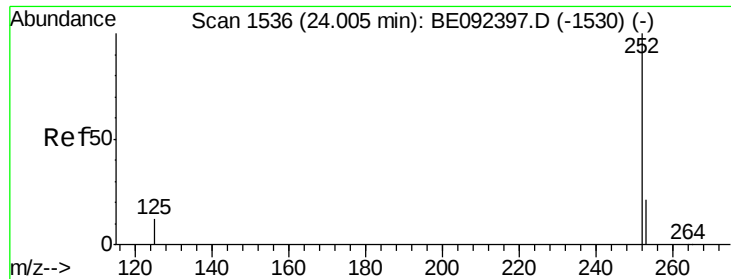


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#34

Benzo(a)pyrene

Concen: 12.14 ng

RT: 24.01 min Scan# 1536

Delta R.T. 0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL

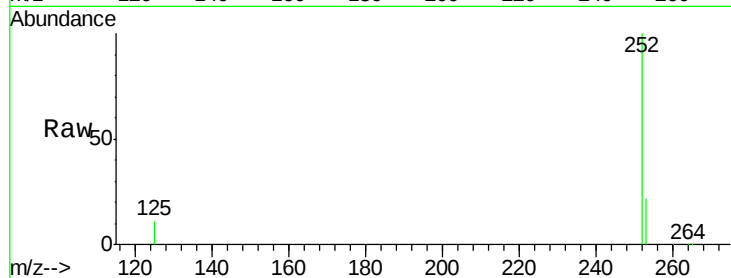
Tgt Ion:252 Resp: 227469

Ion Ratio Lower Upper

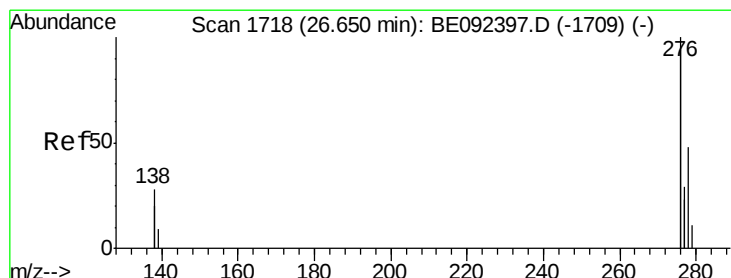
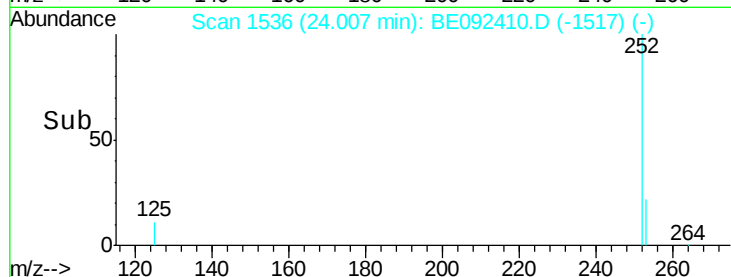
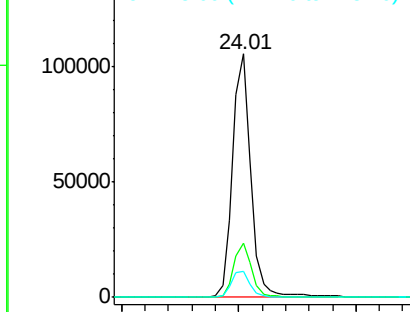
252 100

253 22.1 19.0 28.6

125 10.9 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: 0.18 ng

RT: 26.62 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092410.D

Acq: 23 Sep 2016 10:53

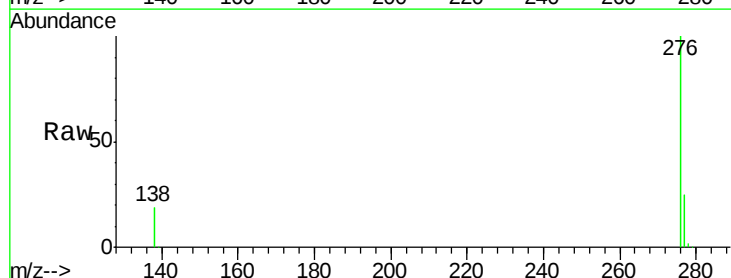
Tgt Ion:278 Resp: 3133

Ion Ratio Lower Upper

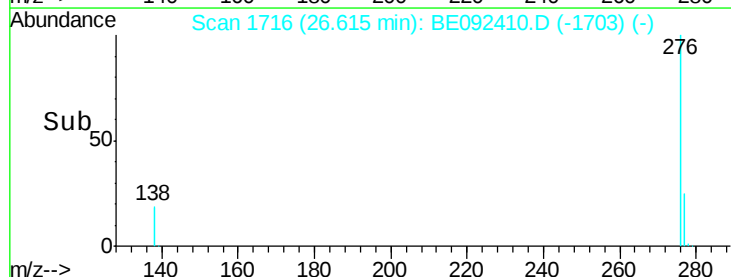
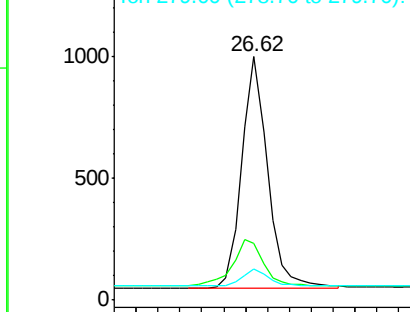
278 100

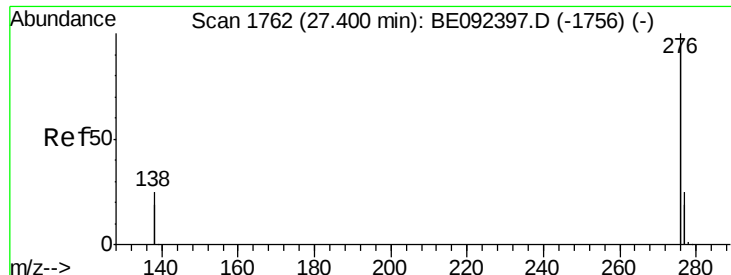
139 23.4 13.8 20.8#

279 12.7 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: 10.63 ng

RT: 27.38 min Scan# 1761

Delta R.T. 0.03 min

Lab File: BE092410.D

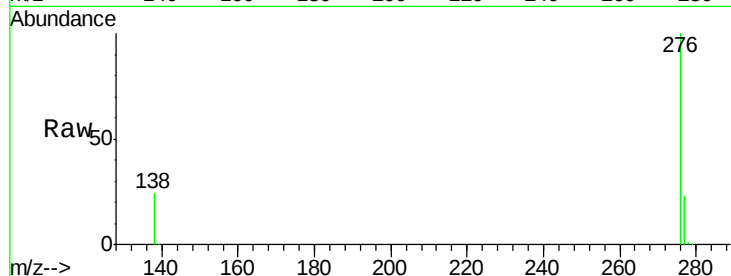
Acq: 23 Sep 2016 10:53

Instrument :

BNA_E

ClientSampleId :

PT-BN-WPDL



Tgt Ion: 276 Resp: 783762

Ion Ratio Lower Upper

276 100

277 22.6 19.8 29.8

138 23.9 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

