

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091595.D
 Acq On : 1 Apr 2016 18:04
 Operator : UM/SJ
 Sample : PB89409BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89409BSD

Quant Time: Apr 01 23:43:08 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	39855	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	191709	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	118581	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	288929	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	375772	5.00	ng	-0.02
28) Perylene-d12	23.77	264	333801	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	61455	5.89	ng	-0.02
5) Phenol-d6	6.97	99	91487	6.48	ng	-0.02
7) Nitrobenzene-d5	8.96	82	41729	3.24	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	31172	5.93	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	119805	3.55	ng	-0.02
24) Terphenyl-d14	19.78	244	191431	4.01	ng	0.00

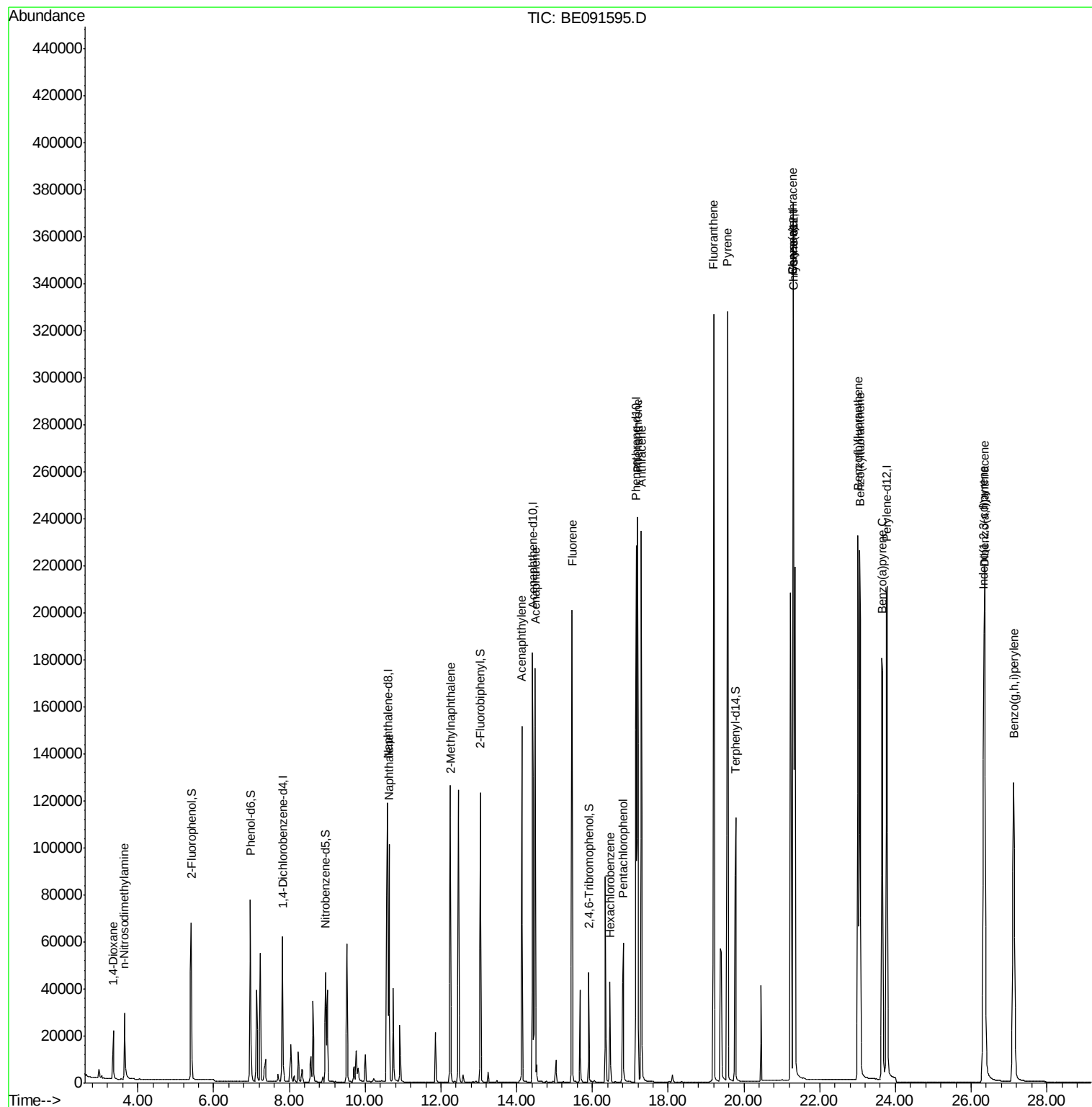
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	15353	3.25	ng	93
3) n-Nitrosodimethylamine	3.64	42	23906	3.30	ng	94
8) Naphthalene	10.63	128	137017	3.46	ng	97
9) 2-Methylnaphthalene	12.25	142	100191	3.87	ng	95
13) Acenaphthylene	14.14	152	183673	3.84	ng	99
14) Acenaphthene	14.49	154	116752	3.98	ng	95
15) Fluorene	15.47	166	144339	3.83	ng	100
17) Hexachlorobenzene	16.46	284	41493	3.90	ng	98
18) Pentachlorophenol	16.81	266	48744	8.16	ng	# 84
19) Phenanthrene	17.20	178	262012	3.87	ng	99
20) Anthracene	17.29	178	250484	4.01	ng	100
21) Fluoranthene	19.20	202	319069	4.00	ng	100
23) Pvrene	19.57	202	341132	4.45	ng	99
25) Benzo(a)anthracene	21.29	228	419236	4.75	ng	97
26) Chrysene	21.29	228	419166	5.55	ng	# 84
27) Indeno(1,2,3-cd)pyrene	26.33	276	352117	4.05	ng	99
29) Benzo(b)fluoranthene	23.01	252	321435	3.97	ng	95
30) Benzo(k)fluoranthene	23.06	252	327074	4.17	ng	93
31) Benzo(a)pvrene	23.65	252	306411	4.14	ng	93
32) Dibenzo(a,h)anthracene	26.36	278	298223	4.11	ng	97
33) Benzo(g,h,i)perylene	27.13	276	301088	4.06	ng	99

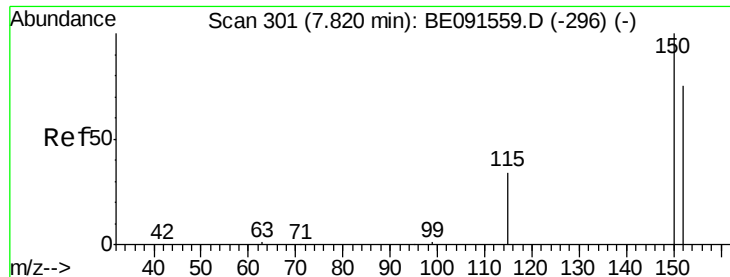
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

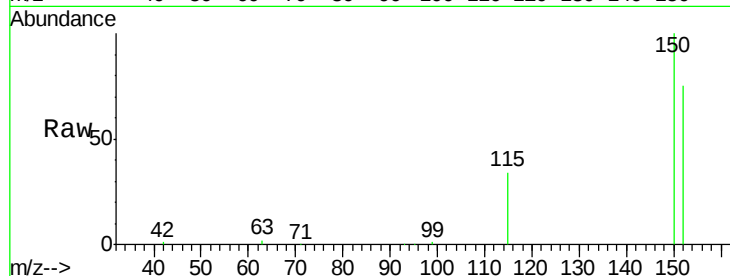
Tot Ion:152 Resp: 39855

Ion Ratio Lower Upper

152 100

150 133.2 122.2 183.2

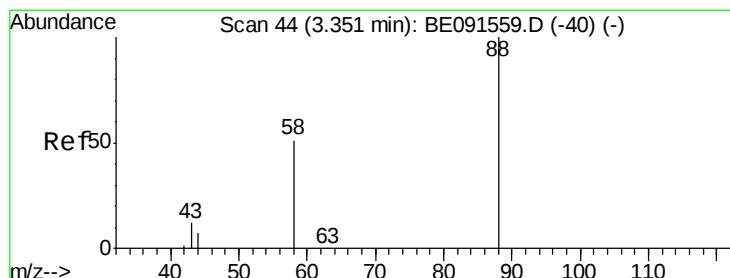
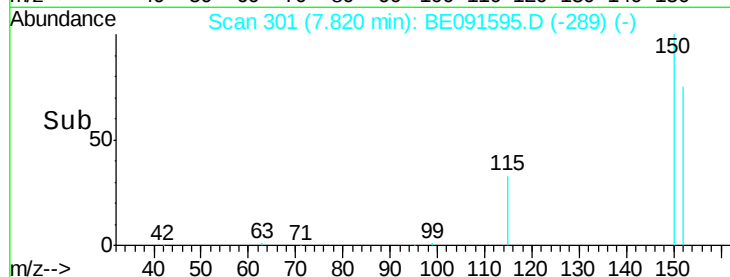
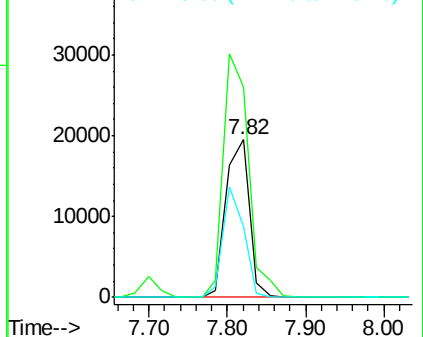
115 44.9 45.9 68.9#



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: 3.25 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

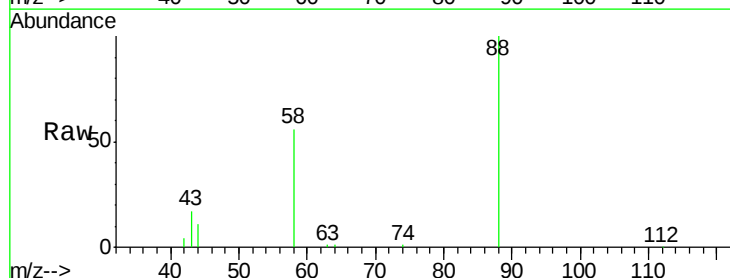
Tgt Ion: 88 Resp: 15353

Ion Ratio Lower Upper

88 100

58 81.8 61.0 91.6

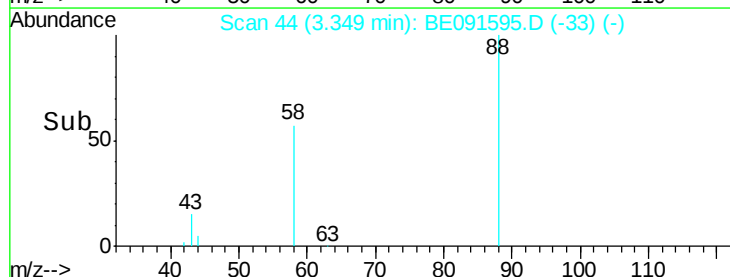
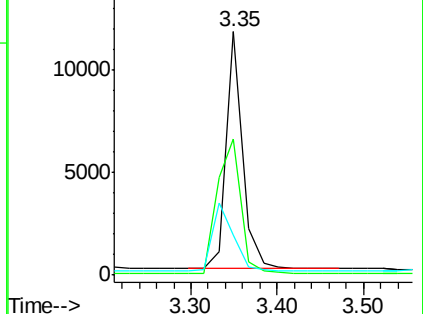
43 36.3 25.4 38.2

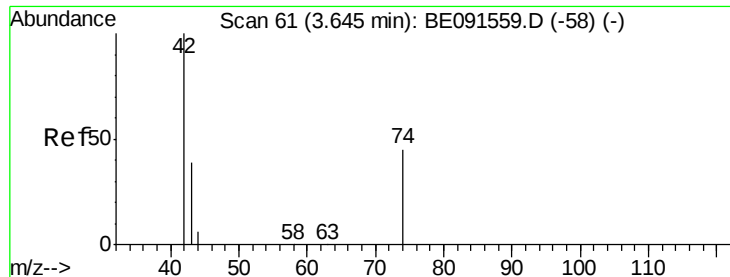


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.30 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

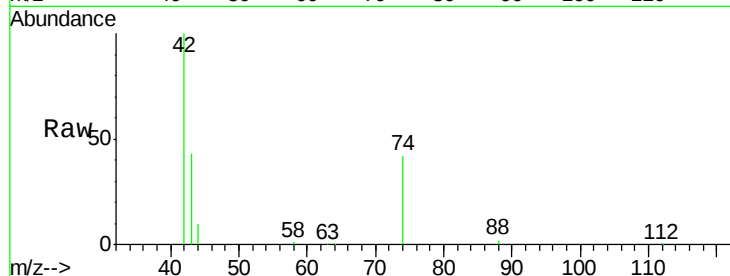
Tot Ion: 42 Resp: 23906

Ion Ratio Lower Upper

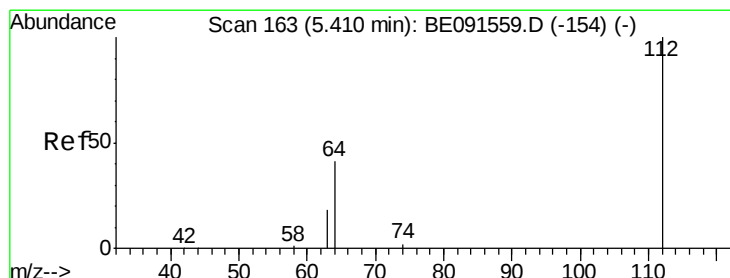
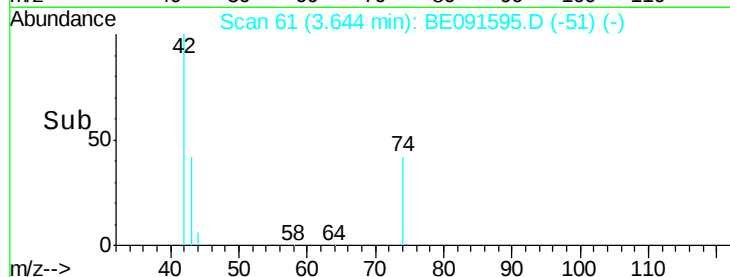
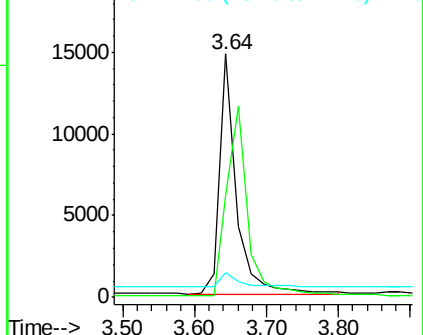
42 100

74 99.5 84.3 126.5

44 6.8 6.7 10.1



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: 5.89 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

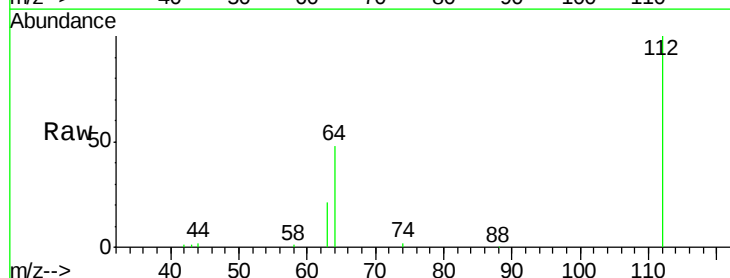
Tgt Ion: 112 Resp: 61455

Ion Ratio Lower Upper

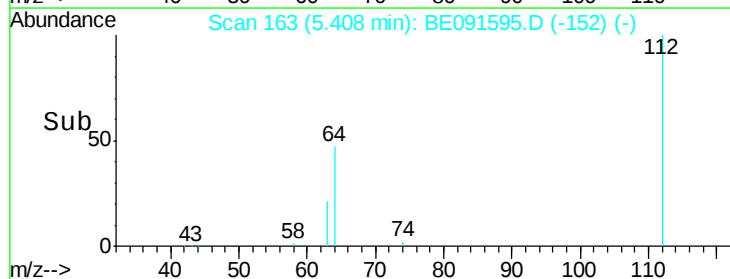
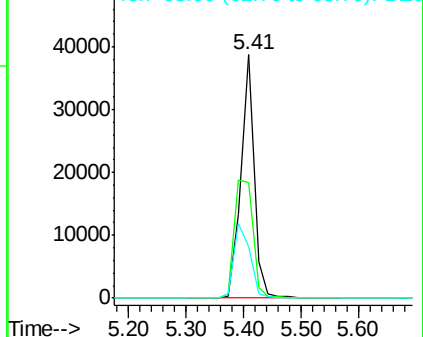
112 100

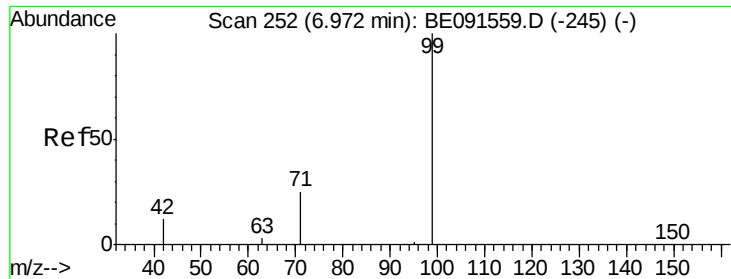
64 67.5 53.3 79.9

63 36.3 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.48 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

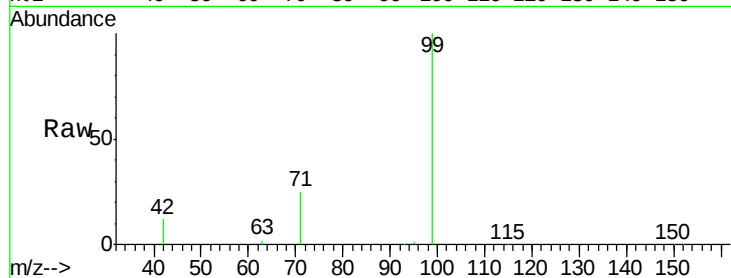
Tot Ion: 99 Resp: 91487

Ion Ratio Lower Upper

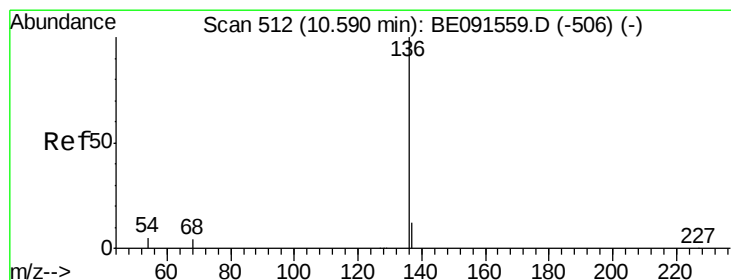
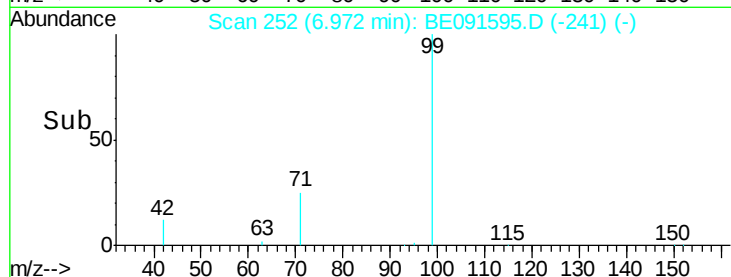
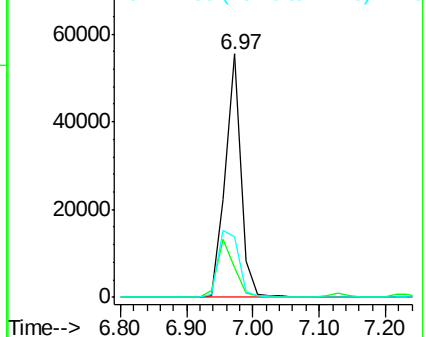
99 100

42 25.4 20.6 30.8

71 35.7 29.0 43.4



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Tgt Ion: 136 Resp: 191709

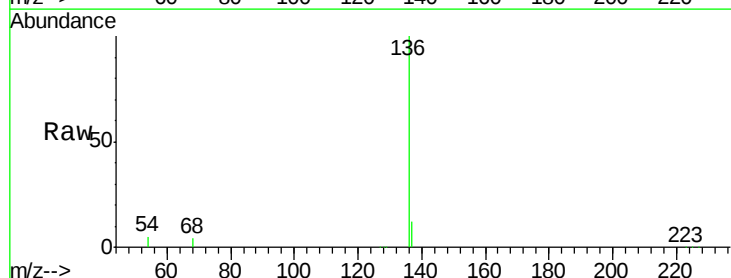
Ion Ratio Lower Upper

136 100

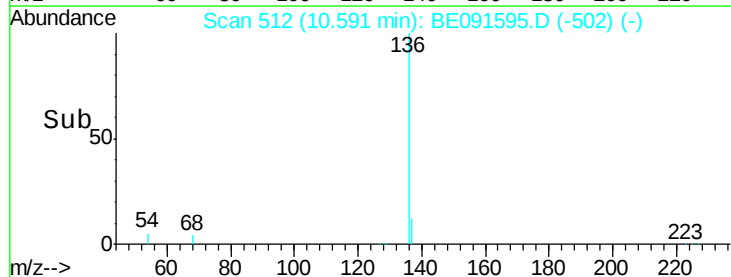
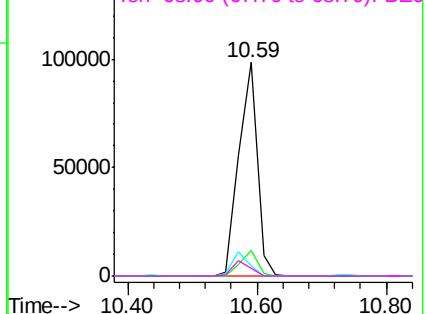
137 11.9 8.8 13.2

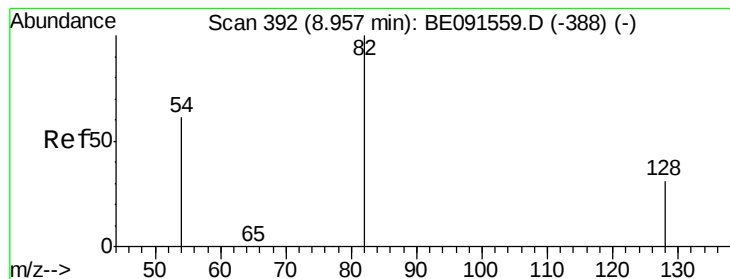
54 4.6 5.2 7.8#

68 3.8 4.1 6.1#



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





#7

Nitrobenzene-d5

Concen: 3.24 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

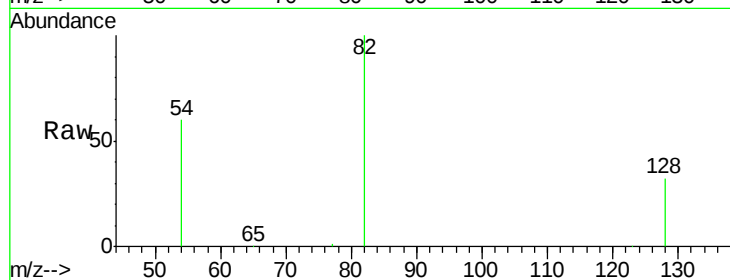
Tot Ion: 82 Resp: 41729

Ion Ratio Lower Upper

82 100

128 32.1 23.5 35.3

54 59.6 52.4 78.6

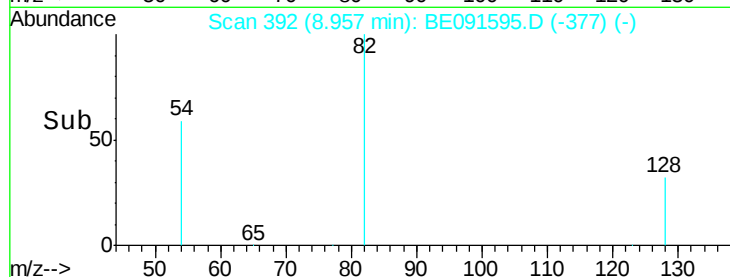


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)

Time-->



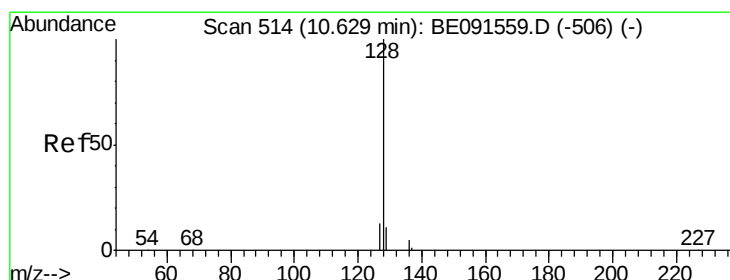
Abundance

Ion 82.00 (81.70 to 82.70): BE091559.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-377) (-)

Time-->



#8

Naphthalene

Concen: 3.46 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

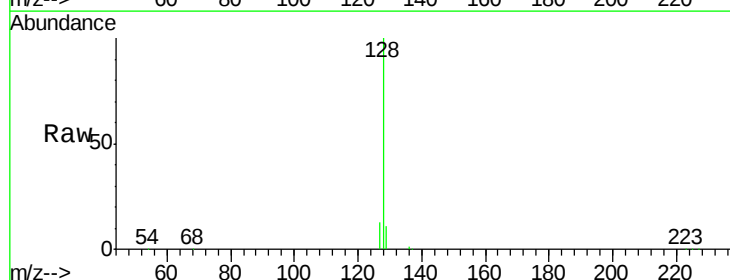
Tgt Ion: 128 Resp: 137017

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.2

127 13.1 11.8 17.8

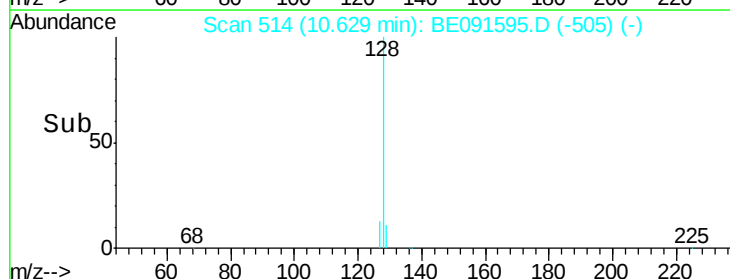


Abundance Ion 128.00 (127.70 to 128.70): BE091559.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091559.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091559.D (-506) (-)

Time-->



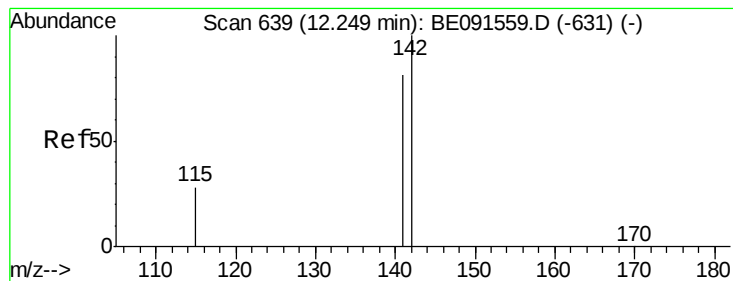
Abundance

Ion 128.00 (127.70 to 128.70): BE091559.D (-505) (-)

Ion 129.00 (128.70 to 129.70): BE091559.D (-505) (-)

Ion 127.00 (126.70 to 127.70): BE091559.D (-505) (-)

Time-->



#9

2-Methylnaphthalene

Concen: 3.87 ng

RT: 12.25 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

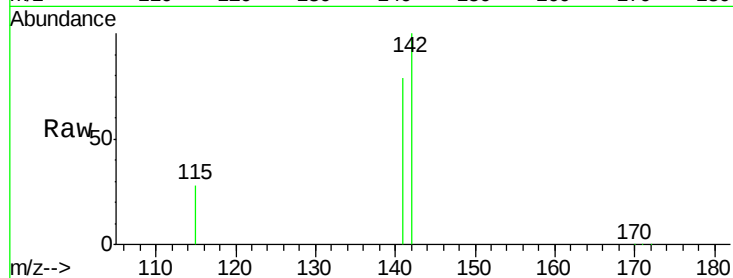
Tot Ion:142 Resp: 100191

Ion Ratio Lower Upper

142 100

141 79.4 66.9 100.3

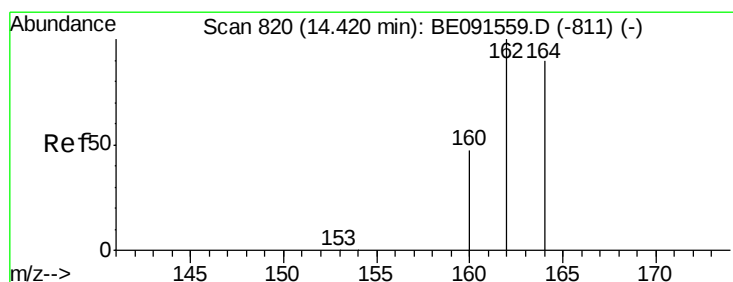
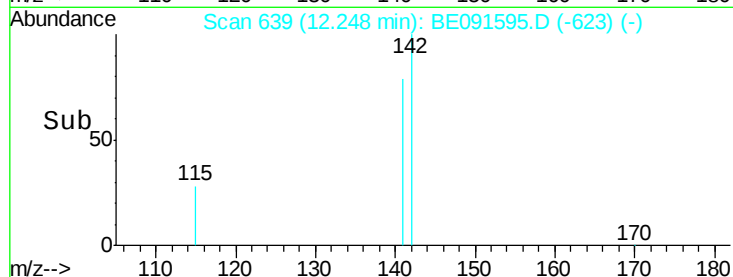
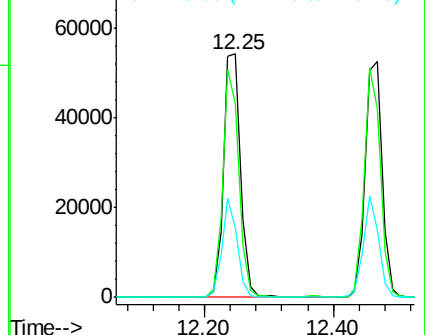
115 28.3 25.1 37.7



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

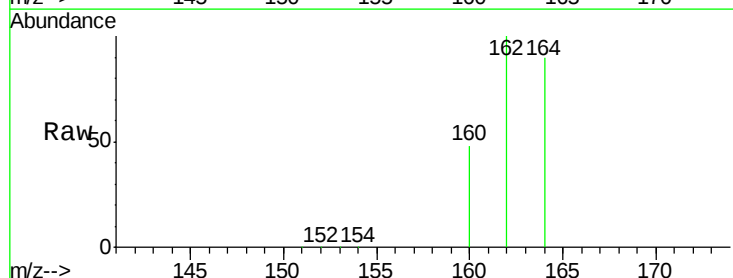
Tgt Ion:164 Resp: 118581

Ion Ratio Lower Upper

164 100

162 110.8 84.4 126.6

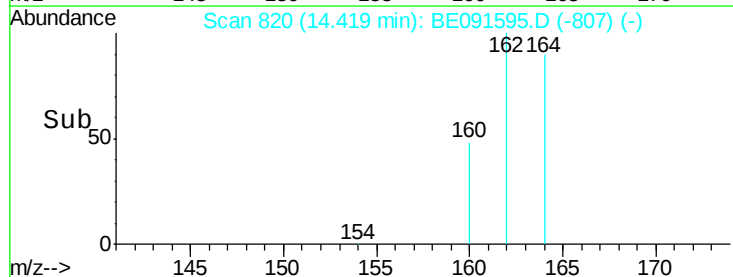
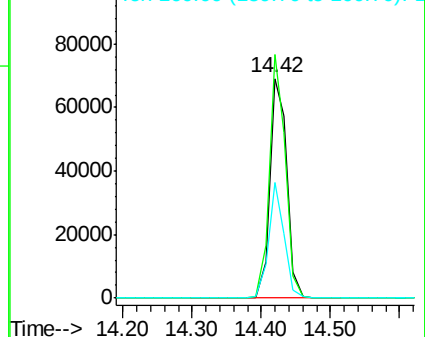
160 52.9 37.7 56.5

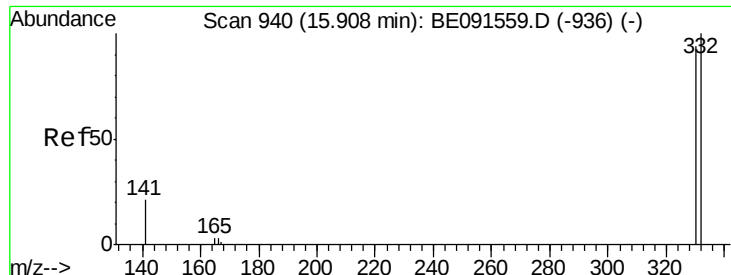


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

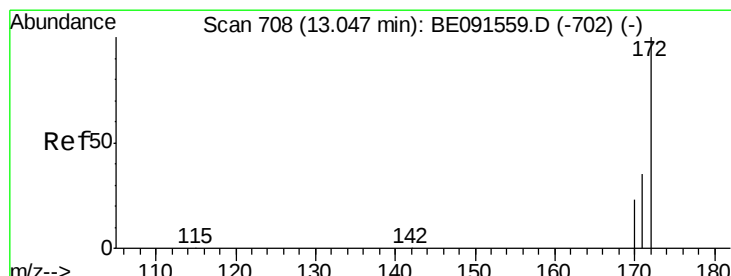
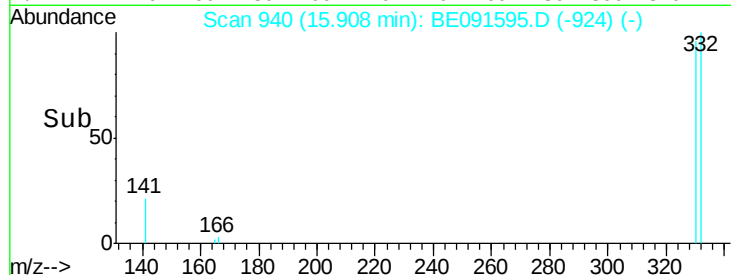
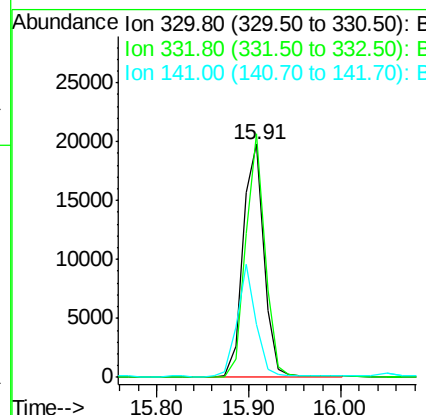
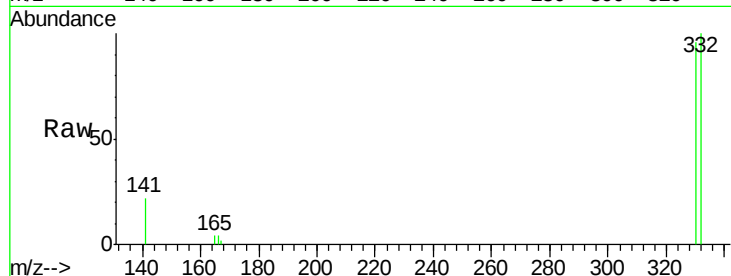




#11
 2,4,6-Tribromophenol
 Concen: 5.93 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091595.D
 Acq: 1 Apr 2016 18:04

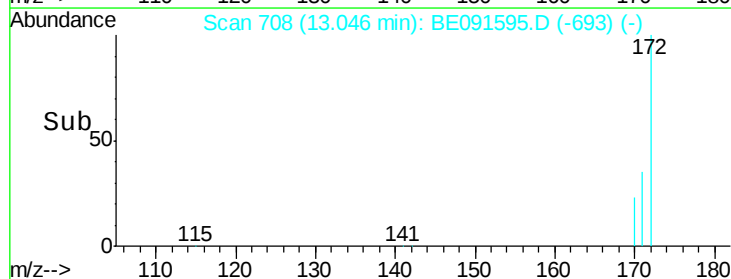
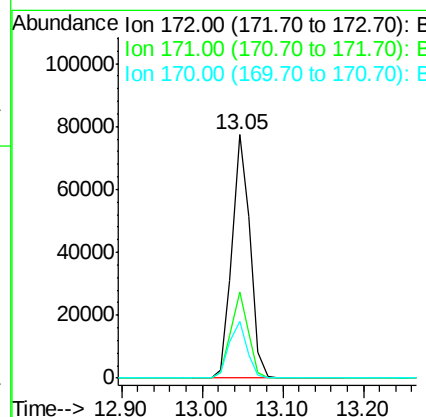
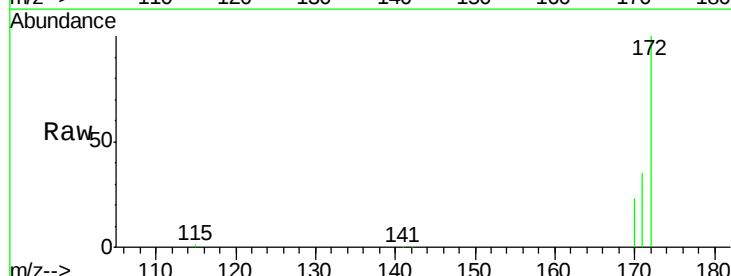
Instrument :
 BNA_E
 ClientSampleId :
 PB89409BSD

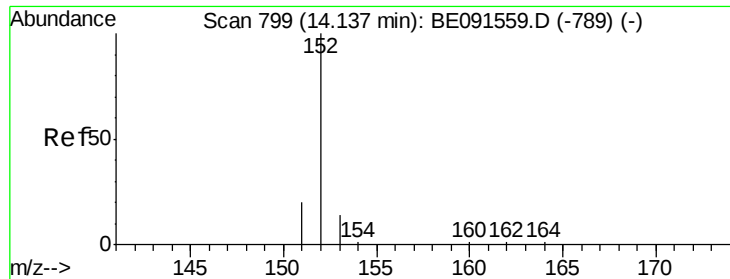
Tot Ion:330 Resp: 31172
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.2 118.8
 141 43.5 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.55 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091595.D
 Acq: 1 Apr 2016 18:04

Tgt Ion:172 Resp: 119805
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.8 44.8
 170 23.5 21.4 32.2





#13

Acenaphthylene

Concen: 3.84 ng

RT: 14.14 min Scan# 799

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

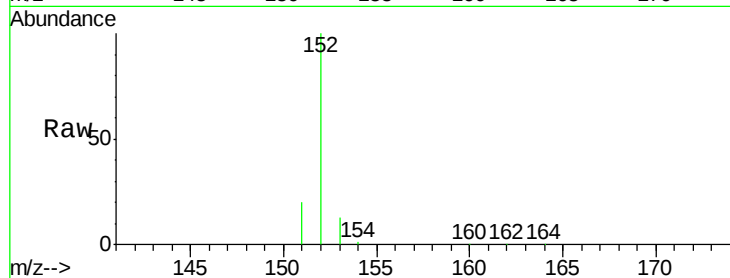
Tot Ion:152 Resp: 183673

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

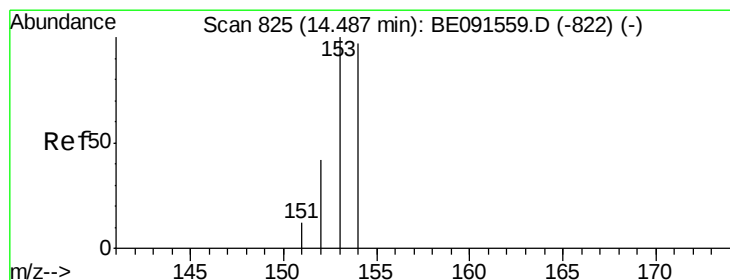
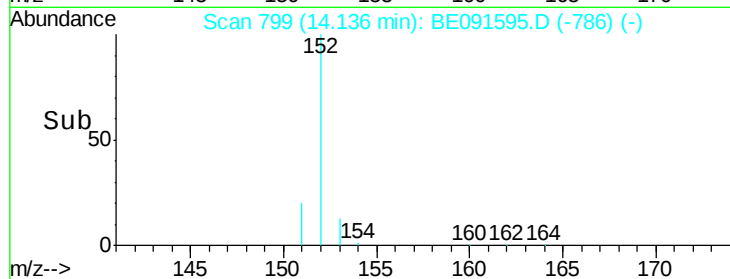
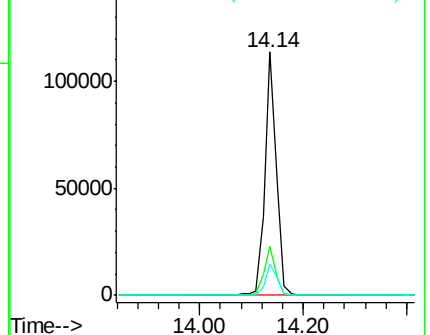
153 13.6 11.1 16.7



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



#14

Acenaphthene

Concen: 3.98 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

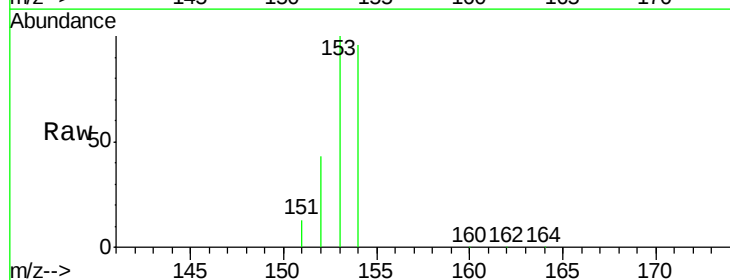
Tgt Ion:154 Resp: 116752

Ion Ratio Lower Upper

154 100

153 103.5 87.3 130.9

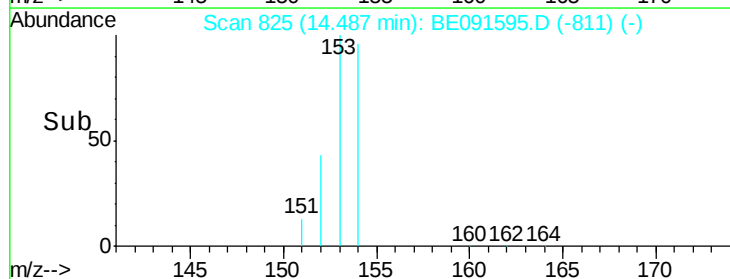
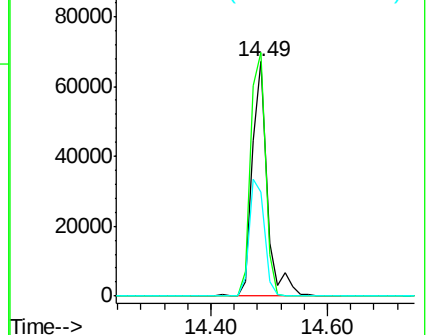
152 50.5 42.9 64.3

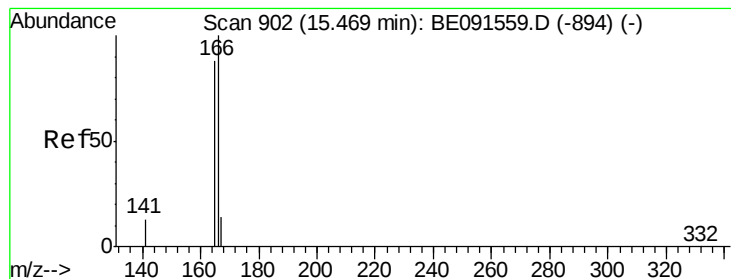


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 3.83 ng

RT: 15.47 min Scan# 902

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

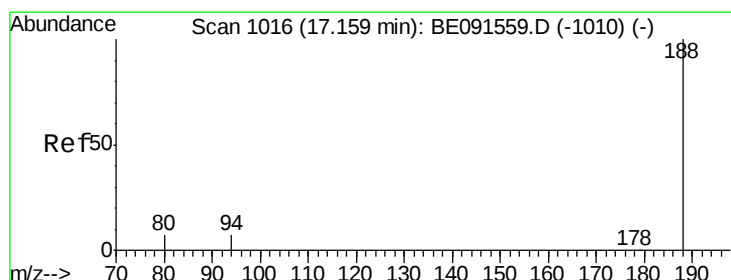
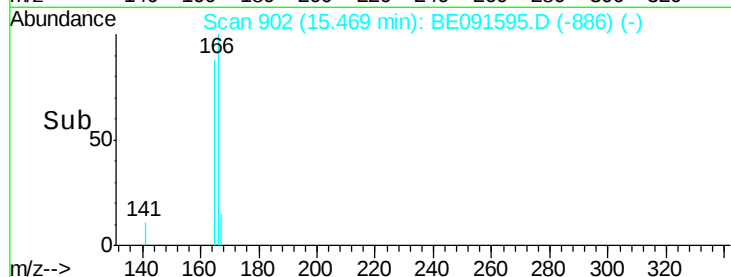
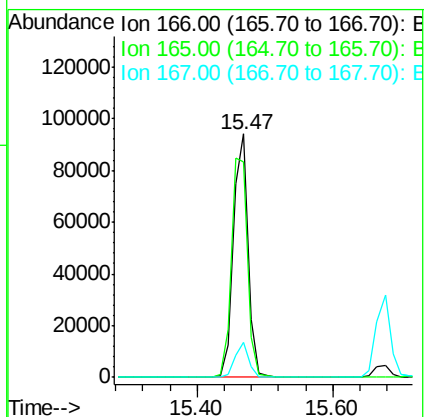
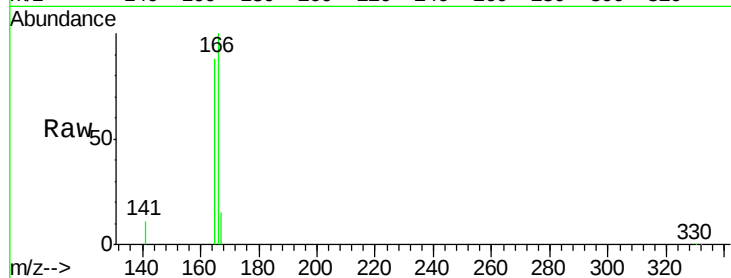
Tot Ion:166 Resp: 144339

Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

167 13.5 10.8 16.2



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

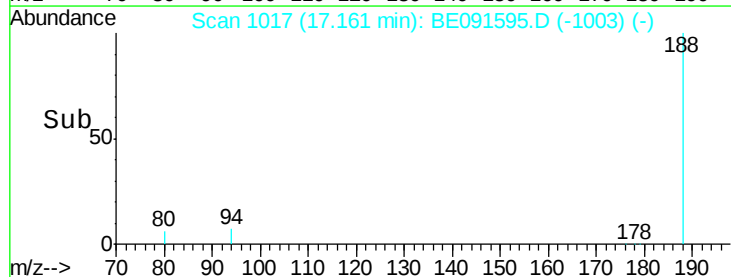
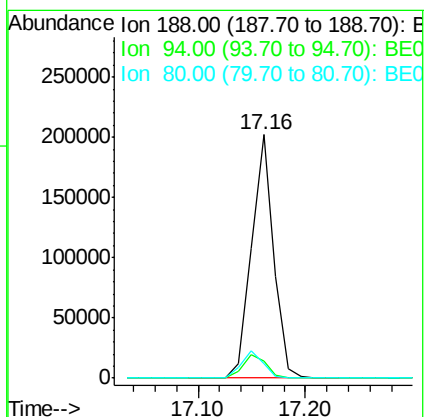
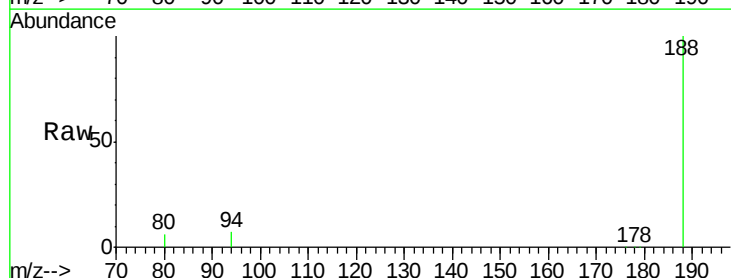
Tgt Ion:188 Resp: 288929

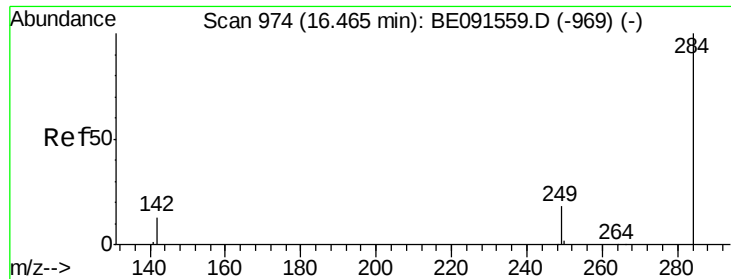
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 6.1 5.0 7.4

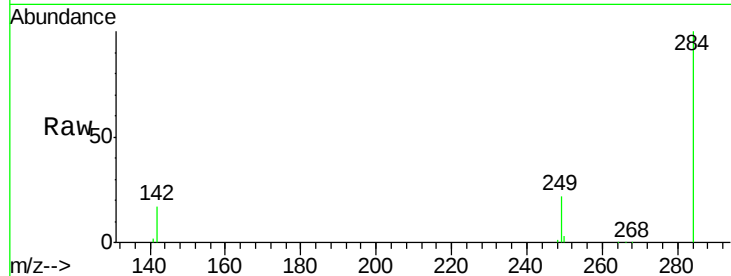




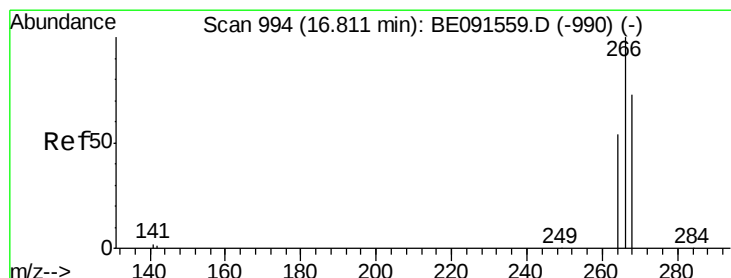
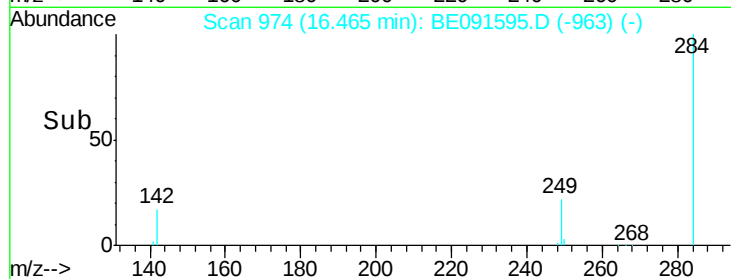
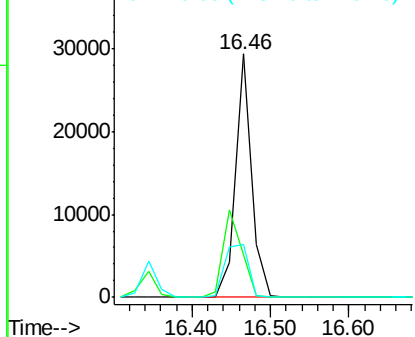
#17
Hexachlorobenzene
Concen: 3.90 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091595.D
Acq: 1 Apr 2016 18:04

Instrument :
BNA_E
ClientSampleId :
PB89409BSD

Tot Ion:284 Resp: 41493
Ion Ratio Lower Upper
284 100
142 40.6 31.0 46.4
249 32.2 25.8 38.8

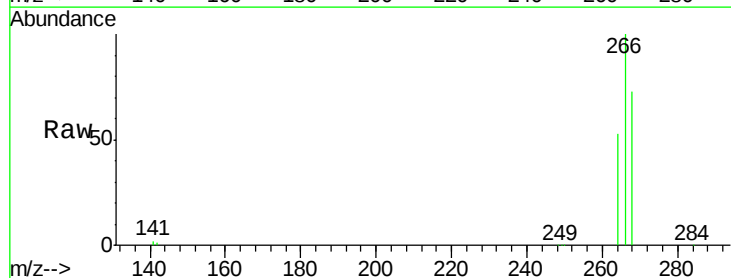


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

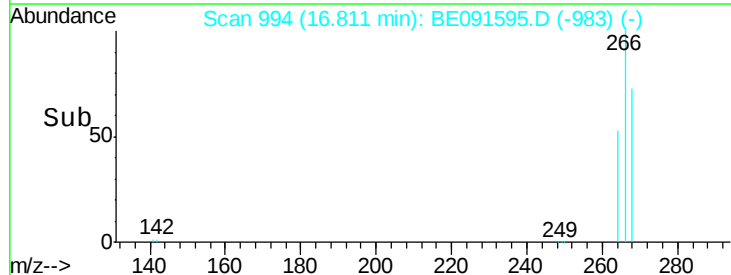
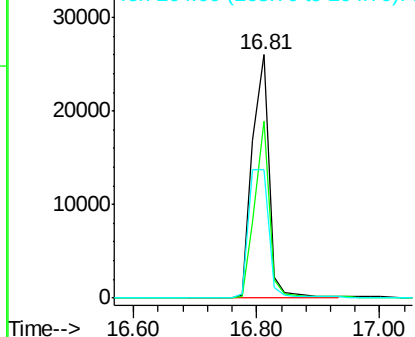


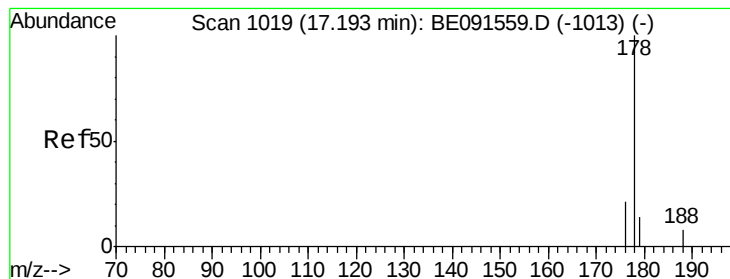
#18
Pentachlorophenol
Concen: 8.16 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091595.D
Acq: 1 Apr 2016 18:04

Tgt Ion:266 Resp: 48744
Ion Ratio Lower Upper
266 100
268 72.7 48.2 72.2#
264 52.9 52.1 78.1



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





#19

Phenanthrene

Concen: 3.87 ng

RT: 17.20 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

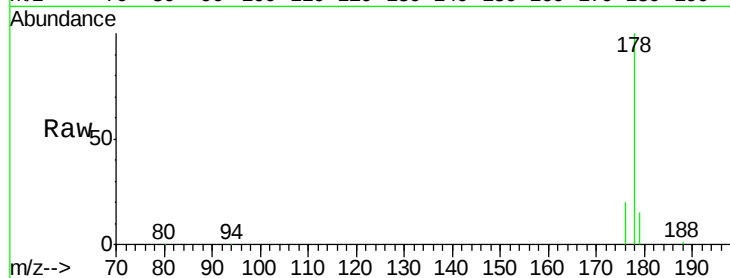
Tot Ion:178 Resp: 262012

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

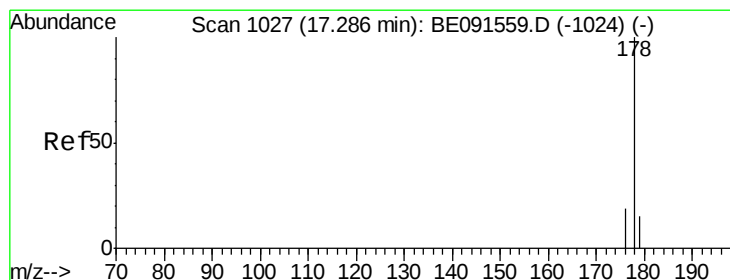
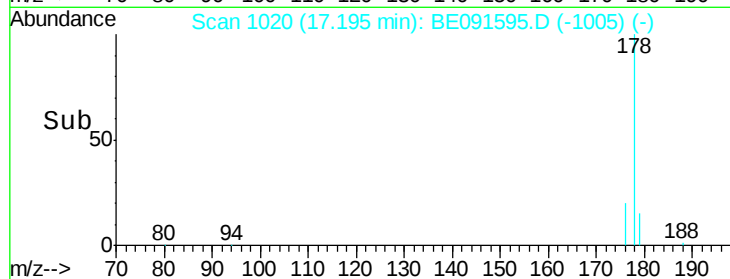
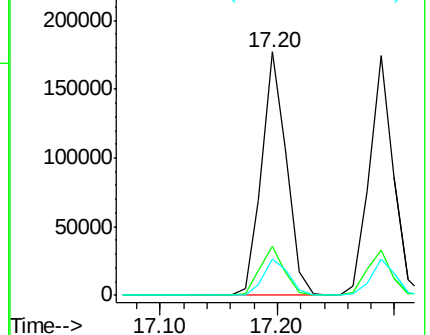
179 15.4 13.1 19.7



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



#20

Anthracene

Concen: 4.01 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

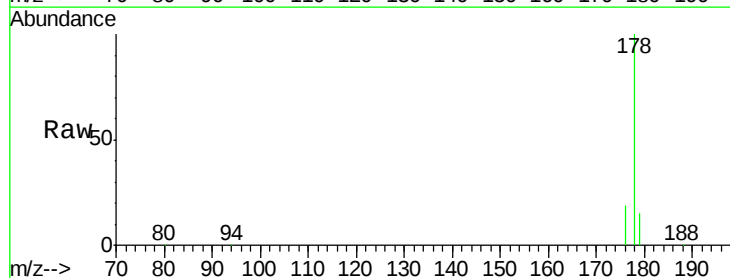
Tgt Ion:178 Resp: 250484

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

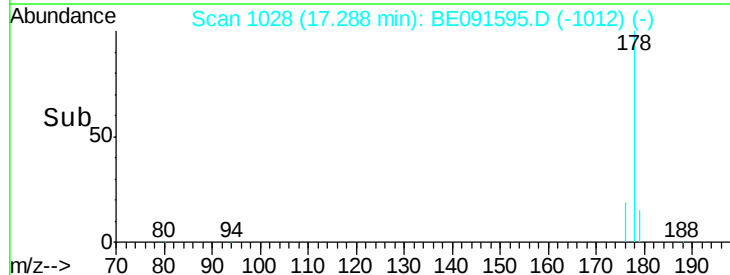
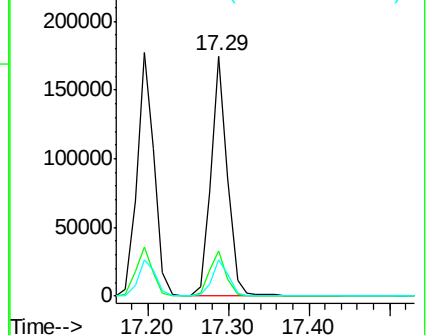
179 15.3 12.2 18.4

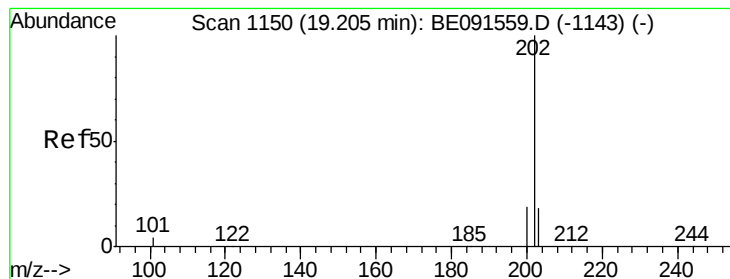


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 4.00 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

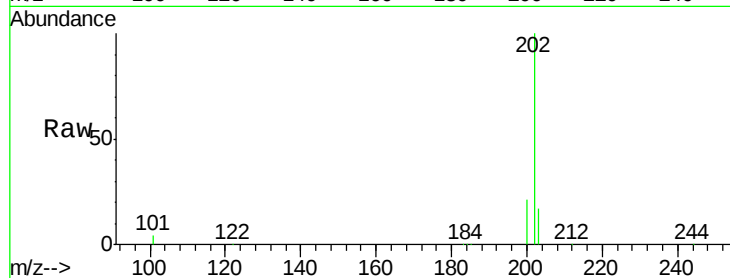
Tot Ion:202 Resp: 319069

Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

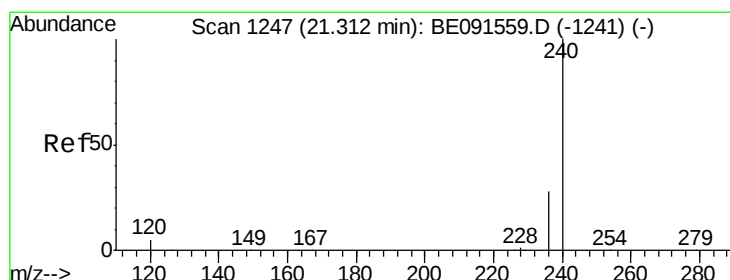
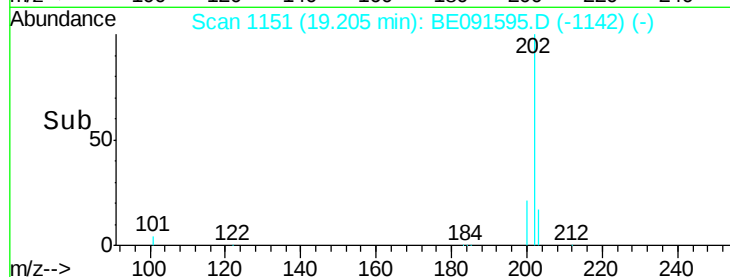
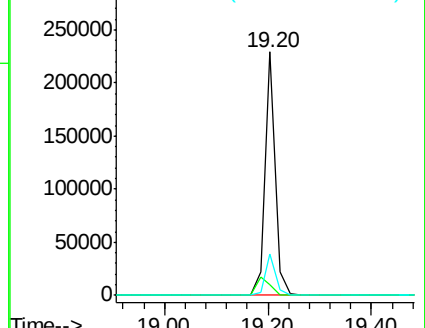
203 17.4 13.9 20.9



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

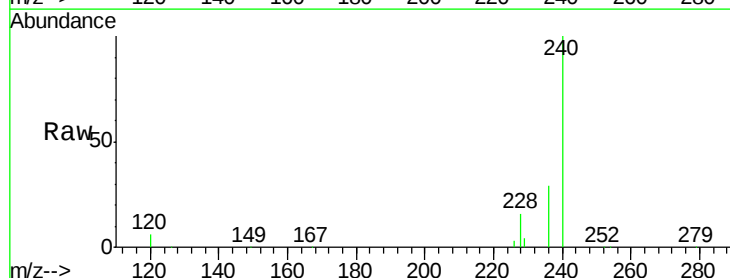
Tgt Ion:240 Resp: 375772

Ion Ratio Lower Upper

240 100

120 6.4 4.0 6.0#

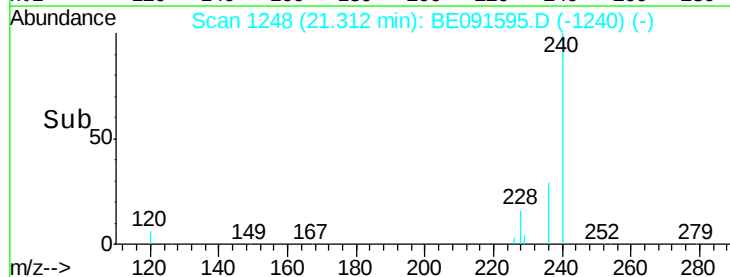
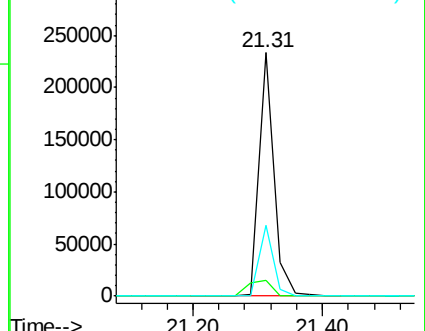
236 29.2 23.0 34.4

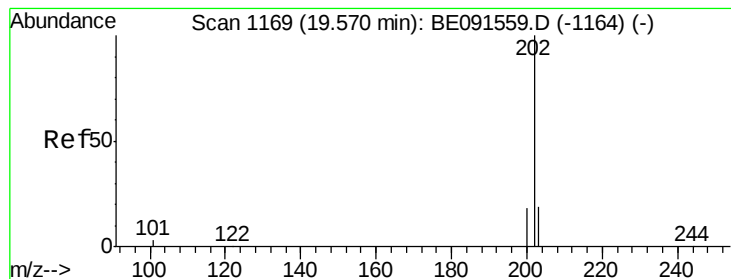


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pvrene

Concen: 4.45 ng

RT: 19.57 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

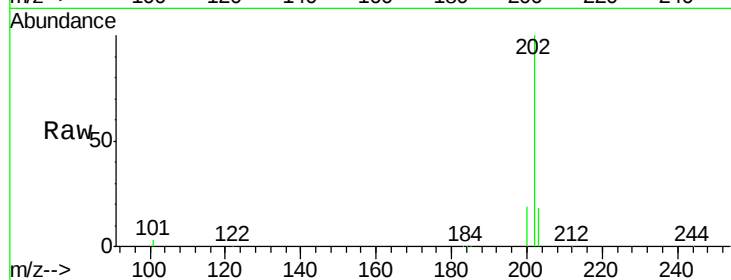
Tot Ion:202 Resp: 341132

Ion Ratio Lower Upper

202 100

200 21.0 16.4 24.6

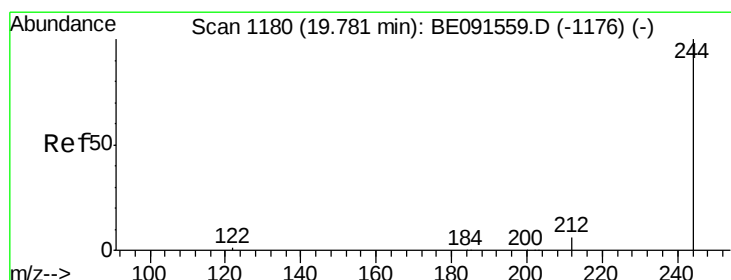
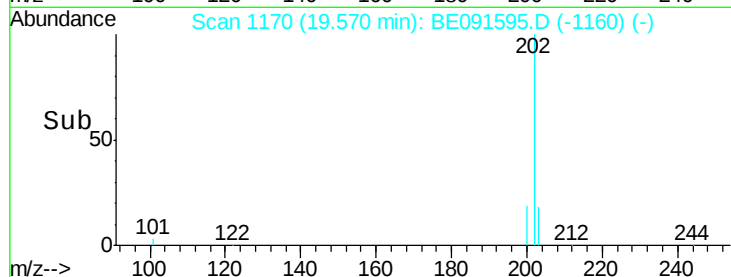
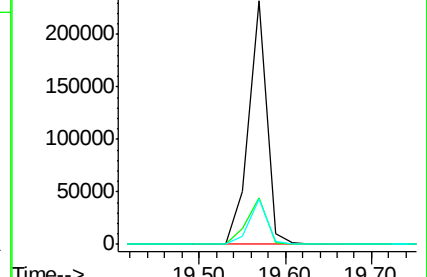
203 18.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Terphenyl-d14

Concen: 4.01 ng

RT: 19.78 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

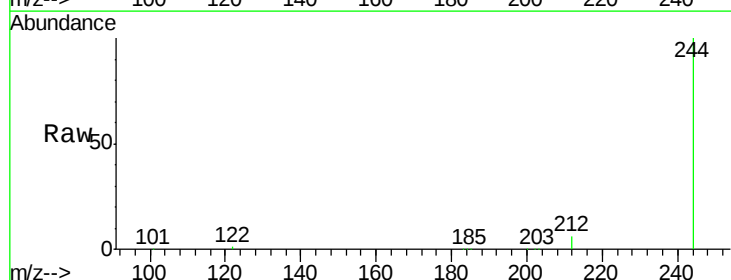
Tgt Ion:244 Resp: 191431

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

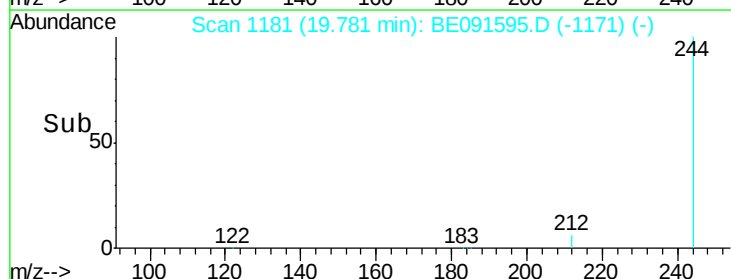
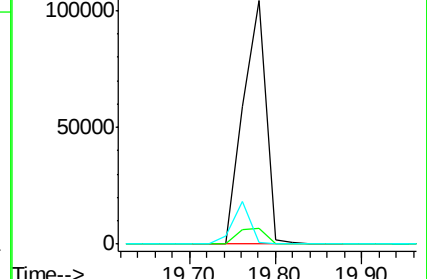
122 0.6 1.8 2.8#

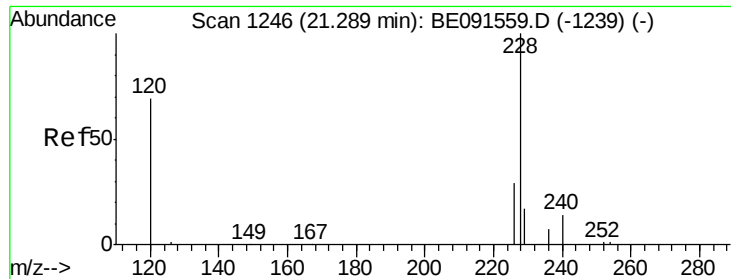


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

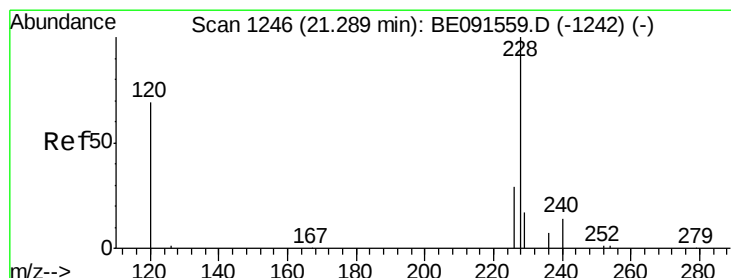
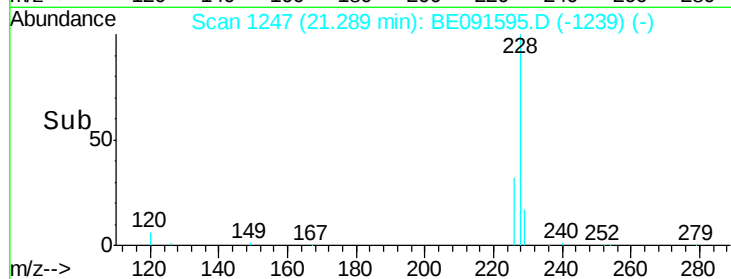
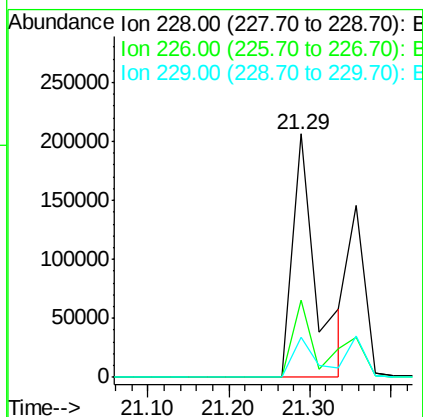
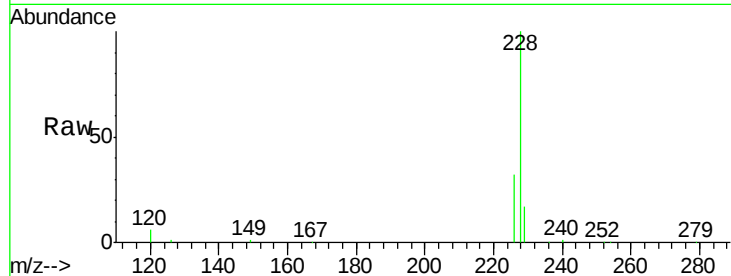




#25
Benzo(a)anthracene
Concen: 4.75 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091595.D
Acq: 1 Apr 2016 18:04

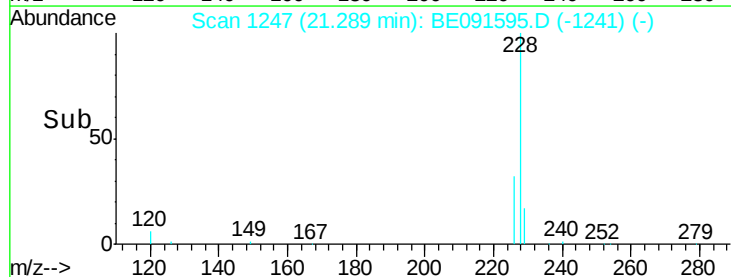
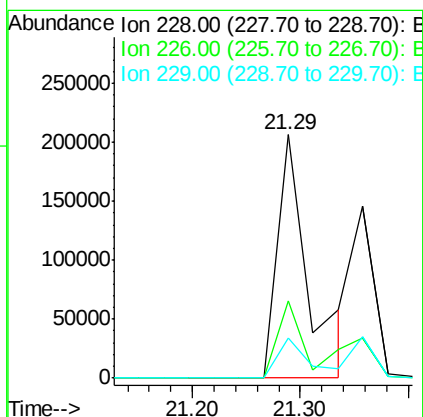
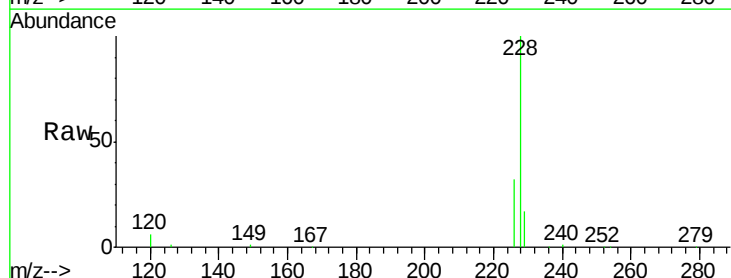
Instrument :
BNA_E
ClientSampleId :
PB89409BSD

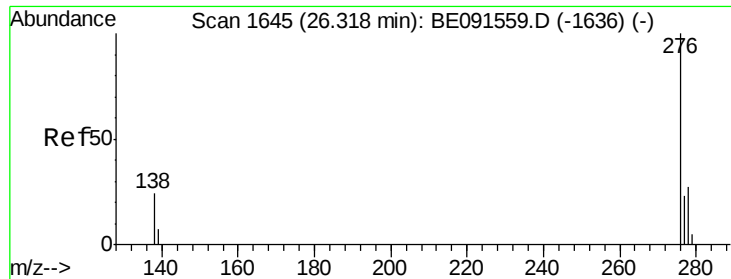
Tot Ion:228 Resp: 419236
Ion Ratio Lower Upper
228 100
226 31.8 24.0 36.0
229 16.6 13.8 20.6



#26
Chrysene
Concen: 5.55 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091595.D
Acq: 1 Apr 2016 18:04

Tgt Ion:228 Resp: 419166
Ion Ratio Lower Upper
228 100
226 31.8 18.9 28.3#
229 16.6 19.1 28.7#

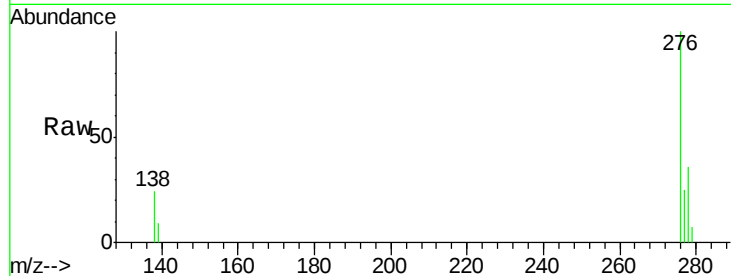




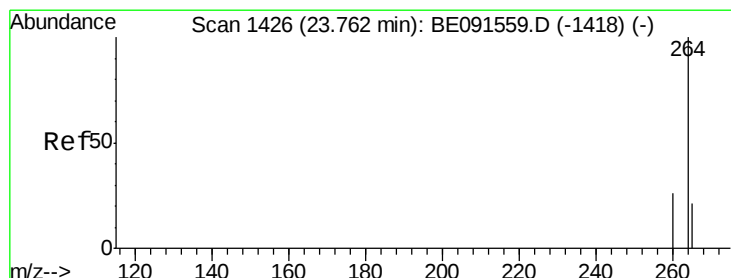
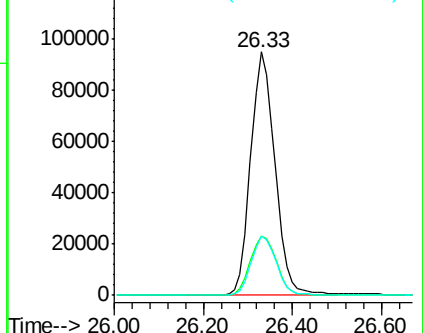
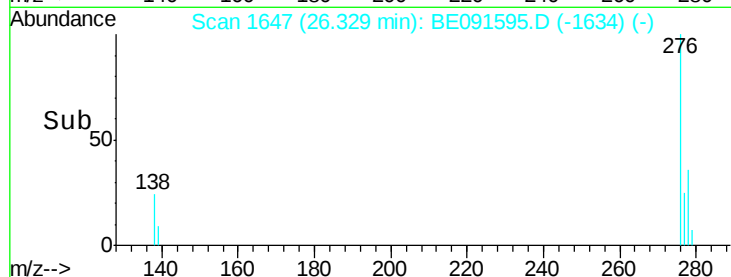
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.05 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.05 min
Lab File: BE091595.D
Acq: 1 Apr 2016 18:04

Instrument :
BNA_E
ClientSampleId :
PB89409BSD

Tot Ion:276 Resp: 352117
Ion Ratio Lower Upper
276 100
138 26.2 20.2 30.4
277 24.9 19.8 29.8

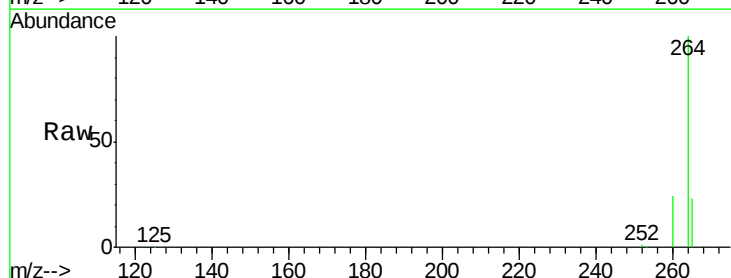


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

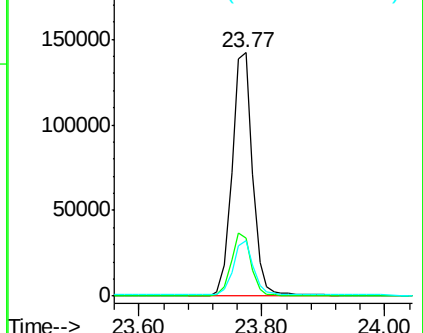
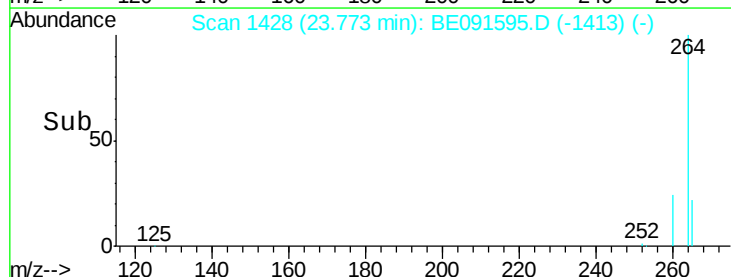


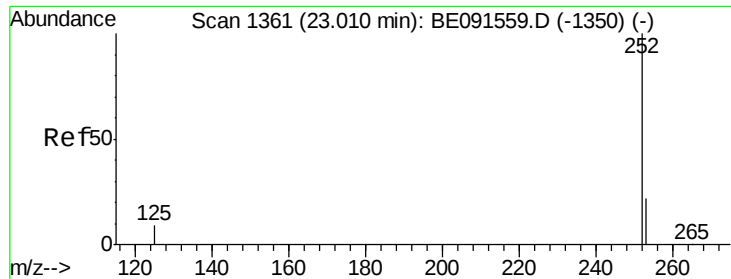
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE091595.D
Acq: 1 Apr 2016 18:04

Tgt Ion:264 Resp: 333801
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 22.6 18.3 27.5



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





#29

Benzo(b)fluoranthene

Concen: 3.97 ng

RT: 23.01 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

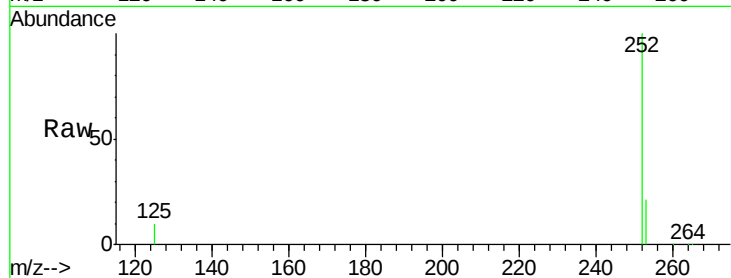
Tot Ion:252 Resp: 321435

Ion Ratio Lower Upper

252 100

253 21.3 18.7 28.1

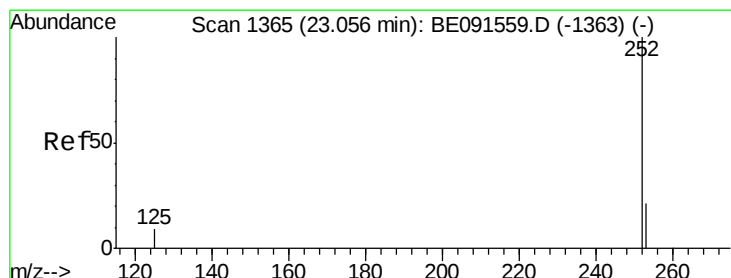
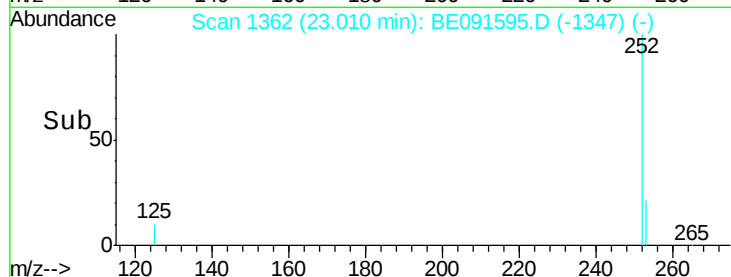
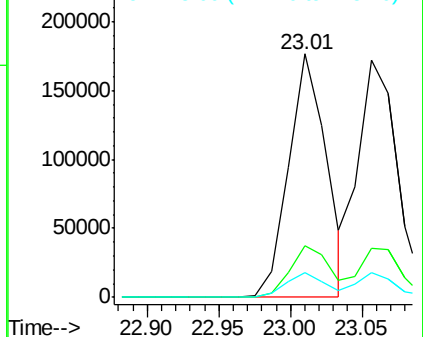
125 10.2 9.8 14.6



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



#30

Benzo(k)fluoranthene

Concen: 4.17 ng

RT: 23.06 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

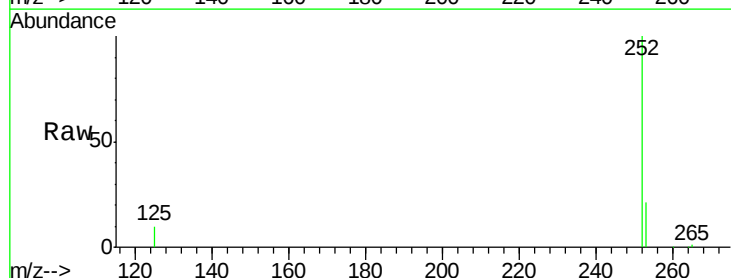
Tgt Ion:252 Resp: 327074

Ion Ratio Lower Upper

252 100

253 20.9 20.2 30.4

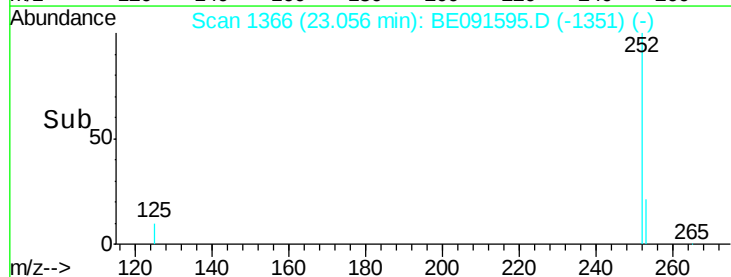
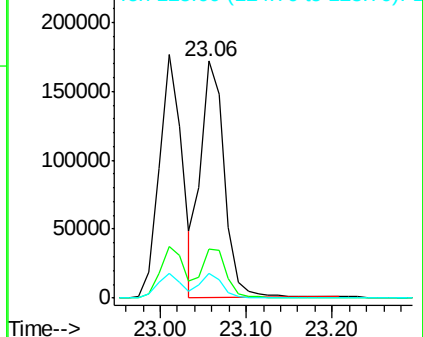
125 10.5 9.4 14.2

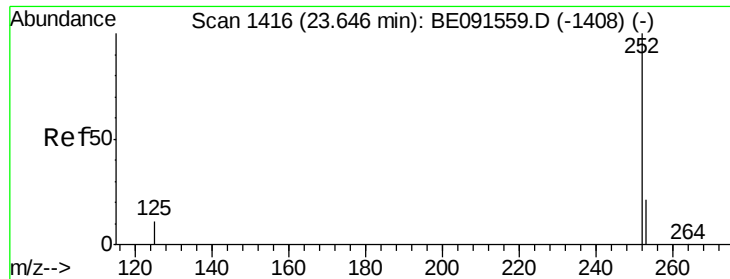


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 4.14 ng

RT: 23.65 min Scan# 1417

Delta R.T. -0.03 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

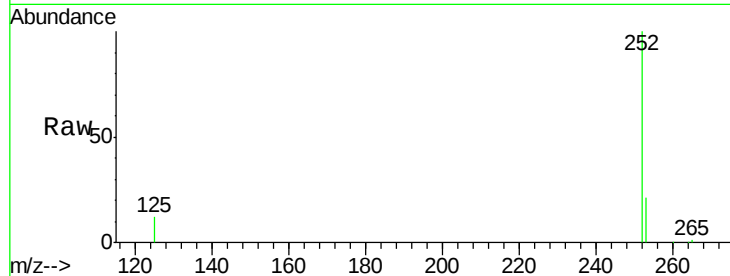
Tot Ion:252 Resp: 306411

Ion Ratio Lower Upper

252 100

253 20.9 19.4 29.0

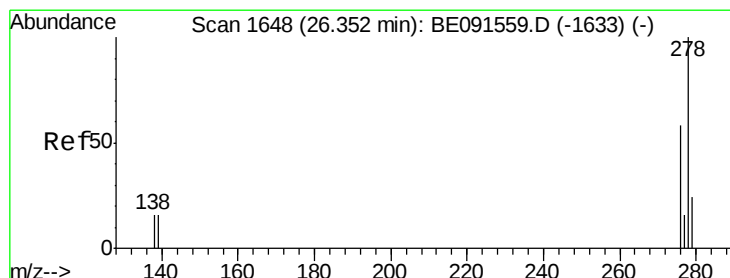
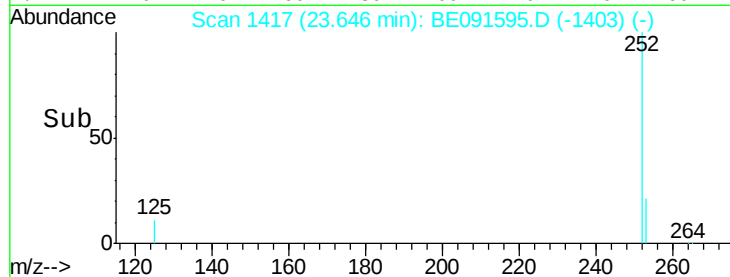
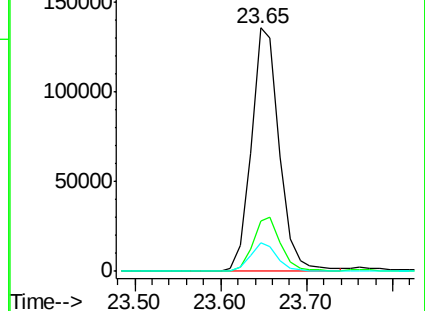
125 11.6 11.4 17.2



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



#32

Dibenzo(a,h)anthracene

Concen: 4.11 ng

RT: 26.36 min Scan# 1650

Delta R.T. -0.03 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

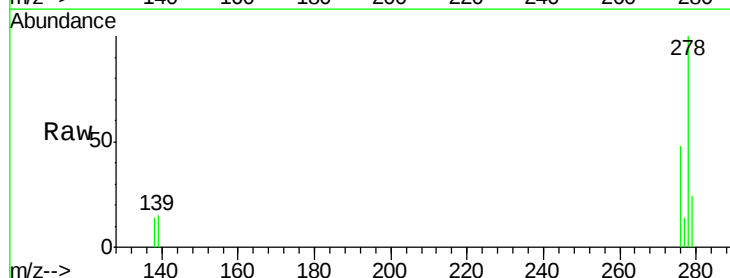
Tgt Ion:278 Resp: 298223

Ion Ratio Lower Upper

278 100

139 15.0 14.2 21.4

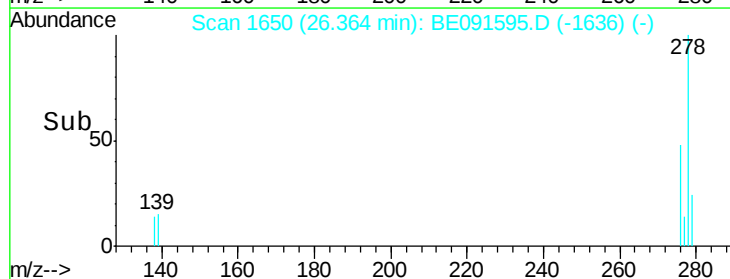
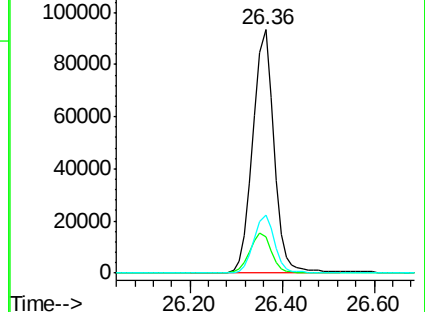
279 23.9 19.6 29.4

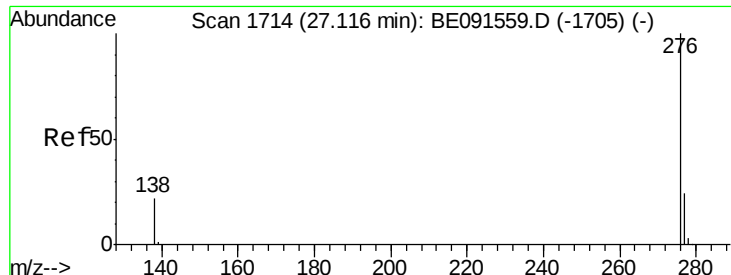


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(a,h,i)perylene

Concen: 4.06 ng

RT: 27.13 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BE091595.D

Acq: 1 Apr 2016 18:04

Instrument :

BNA_E

ClientSampleId :

PB89409BSD

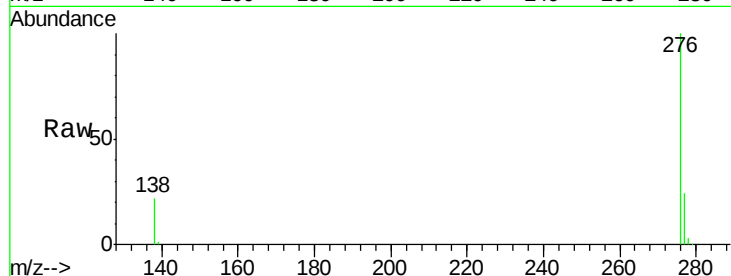
Tot Ion: 276 Resp: 301088

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 21.5 18.2 27.4



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

