

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
 Data File : BE091339.D
 Acq On : 15 Dec 2015 1:41
 Operator : UM/SJ
 Sample : SSTD0.473
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 15 04:36:55 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 04:30:27 2015
 Response via : Initial Calibration

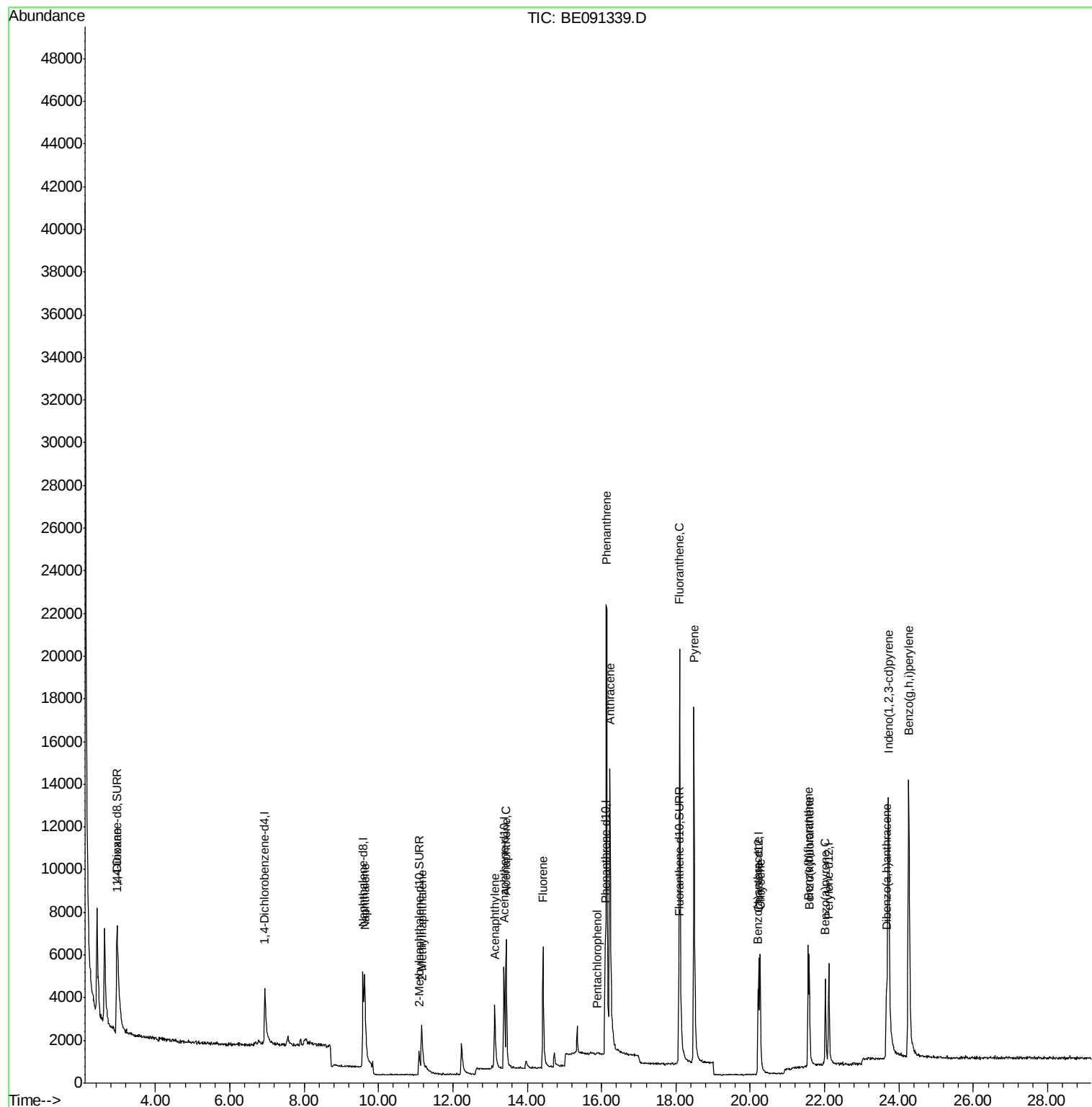
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	2921	0.40	ng/ul	0.00
4) Naphthalene-d8	9.58	136	9920	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	2817	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	8851	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	5729	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	6216	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	4275	1.78	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.09	152	2655	0.35	ng/ul	0.00
16) Fluoranthene-d10	18.08	212	6215	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.98	88	4968	1.82	ng/ul	100
5) Naphthalene	9.62	128	7711	0.35	ng/ul	100
7) 2-Methylnaphthalene	11.16	142	3066	0.35	ng/ul	99
9) Acenaphthylene	13.12	152	5147	0.34	ng/ul	100
10) Acenaphthene	13.43	153	4148	0.36	ng/ul	100
11) Fluorene	14.42	166	4854	0.30	ng/ul	100
13) Pentachlorophenol	15.89	266	234	0.44	ng/ul	98
14) Phenanthrene	16.14	178	32485	0.35	ng/ul	100
15) Anthracene	16.22	178	25853	0.34	ng/ul	100
17) Fluoranthene	18.10	202	29101	0.29	ng/ul	100
19) Pyrene	18.49	202	27226	0.40	ng/ul	100
20) Benzo(a)anthracene	20.21	228	4773	0.39	ng/ul	100
21) Chrysene	20.27	228	6332	0.33	ng/ul	100
23) Benzo(b)fluoranthene	21.56	252	5933	0.31	ng/ul	100
24) Benzo(k)fluoranthene	21.58	252	7327	0.32	ng/ul	100
25) Benzo(a)pyrene	22.02	252	6187	0.31	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	23.71	276	28336	0.37	ng/ul	92
27) Dibenzo(a,h)anthracene	23.67	278	4957	0.34	ng/ul	100
28) Benzo(g,h,i)perylene	24.26	276	27353	0.35	ng/ul	100

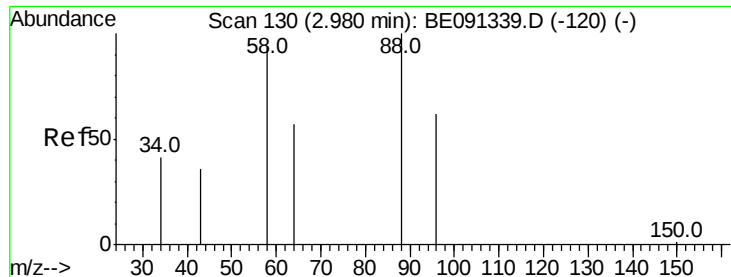
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\
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#3

1,4-Dioxane

Concen: 1.82 ng/ul

RT: 2.98 min Scan# 130

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampleId :

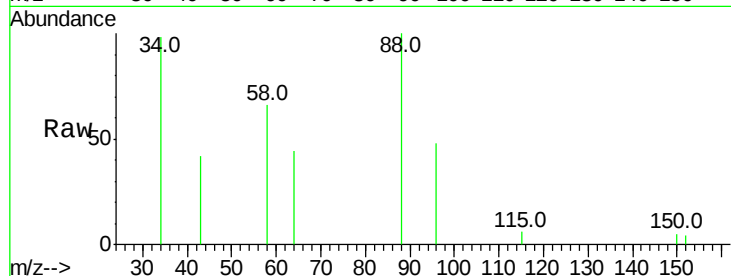
Tot Ion: 88 Resp: 4968

Ion Ratio Lower Upper

88 100

58 95.0 76.0 114.0

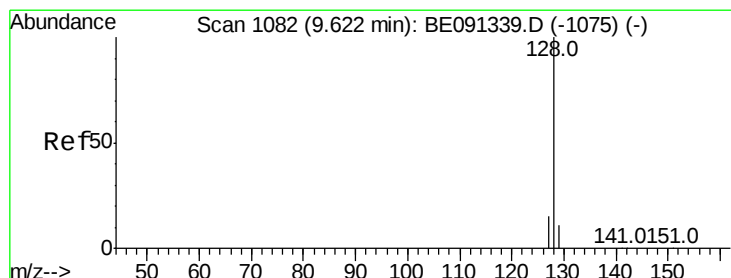
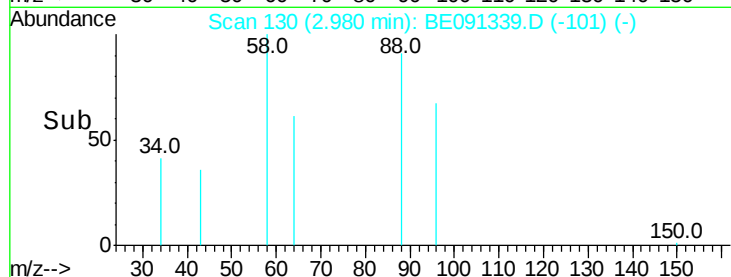
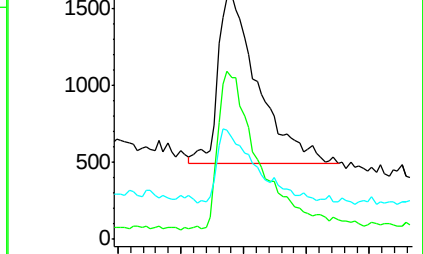
43 42.9 34.3 51.5



Abundance Ion 88.00 (87.70 to 88.70): BE091339.D (-120) (-)

Ion 58.00 (57.70 to 58.70): BE091339.D (-120) (-)

Ion 43.00 (42.70 to 43.70): BE091339.D (-120) (-)



#5

Naphthalene

Concen: 0.35 ng/ul

RT: 9.62 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

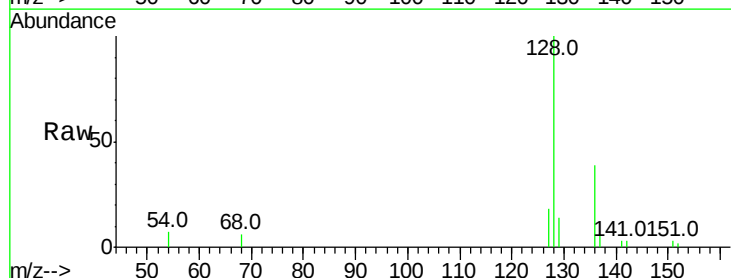
Tgt Ion: 128 Resp: 7711

Ion Ratio Lower Upper

128 100

129 13.7 11.0 16.4

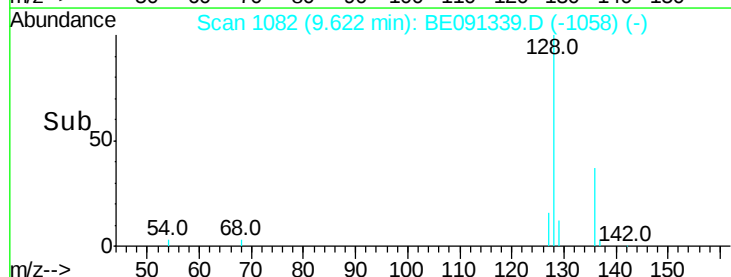
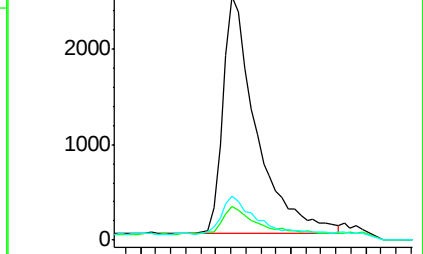
127 17.9 14.3 21.5

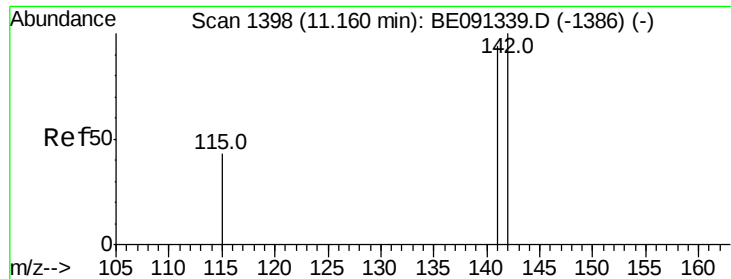


Abundance Ion 128.00 (127.70 to 128.70): BE091339.D (-1075) (-)

Ion 129.00 (128.70 to 129.70): BE091339.D (-1075) (-)

Ion 127.00 (126.70 to 127.70): BE091339.D (-1075) (-)





#7

2-Methylnaphthalene

Concen: 0.35 ng/ul

RT: 11.16 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

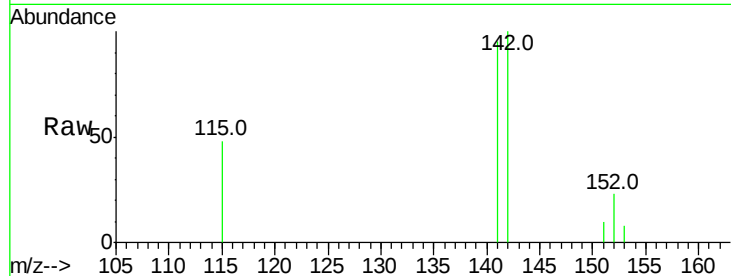
ClientSampleId :

Tot Ion:142 Resp: 3066

Ion Ratio Lower Upper

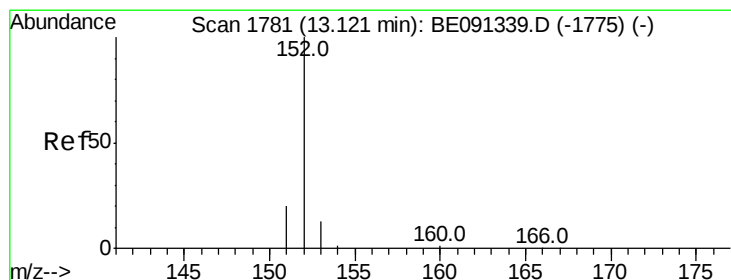
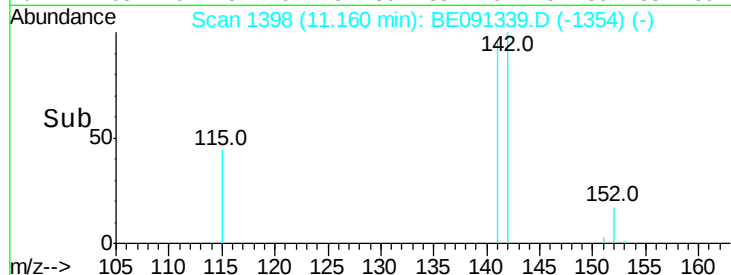
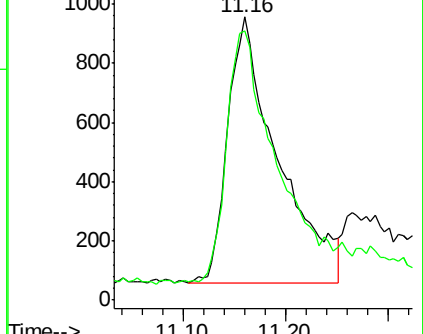
142 100

141 110.9 89.4 134.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.34 ng/ul

RT: 13.12 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

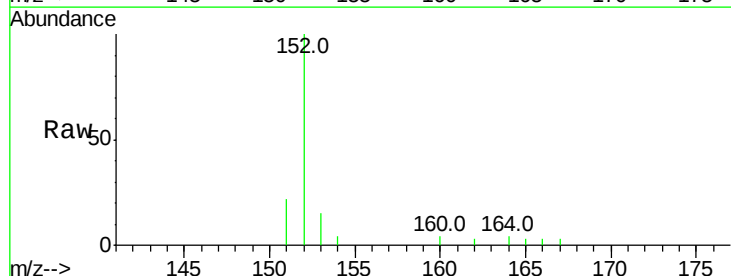
Tgt Ion:152 Resp: 5147

Ion Ratio Lower Upper

152 100

151 22.3 17.8 26.8

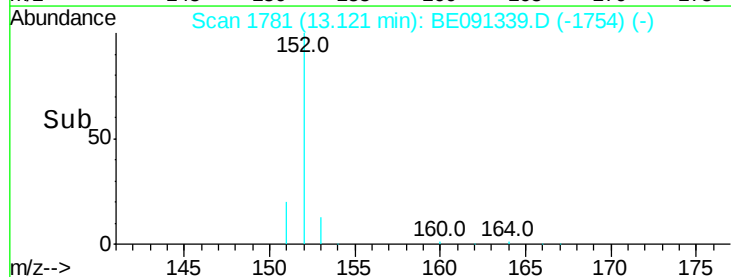
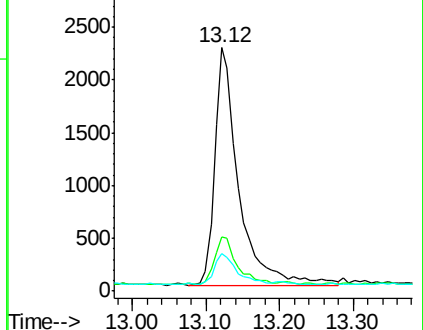
153 15.5 12.4 18.6

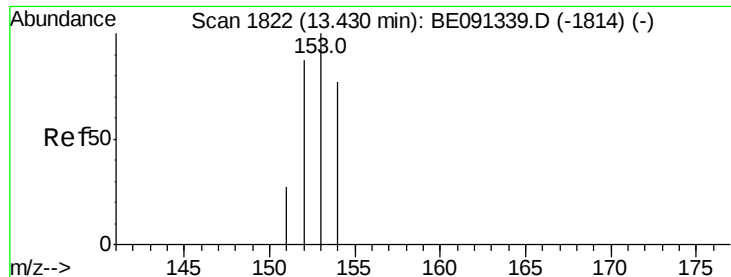


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.36 ng/ul

RT: 13.43 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampled :

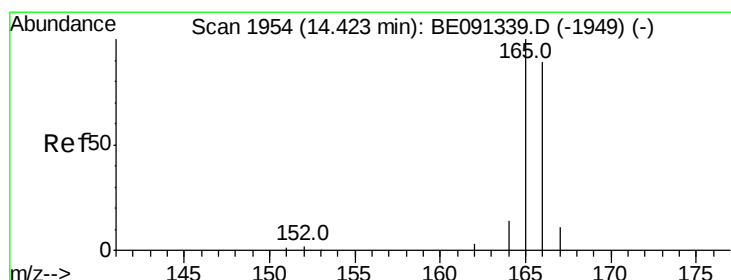
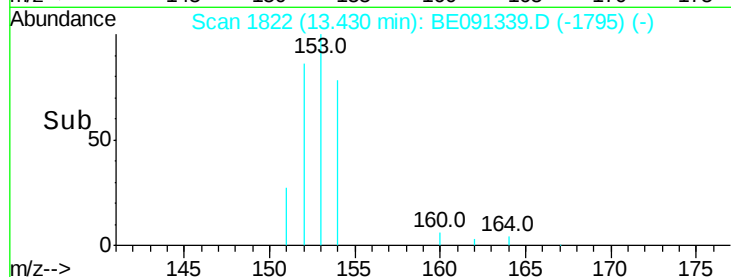
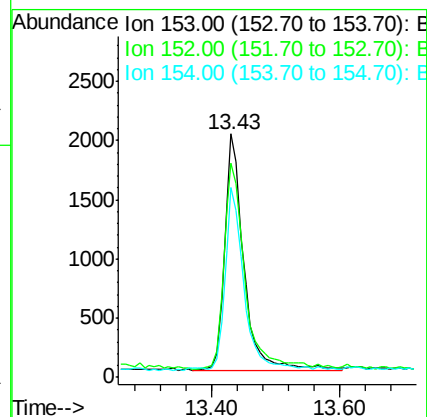
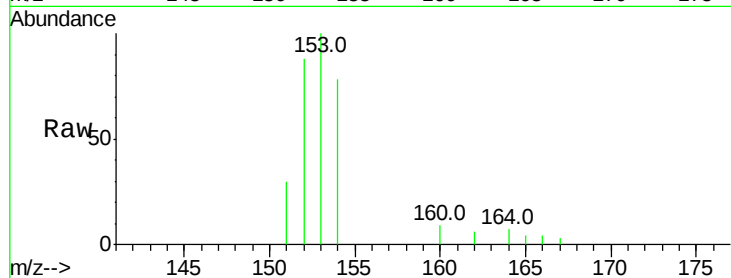
Tot Ion:153 Resp: 4148

Ion Ratio Lower Upper

153 100

152 88.1 70.5 105.7

154 77.9 62.3 93.5



#11

Fluorene

Concen: 0.30 ng/ul

RT: 14.42 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

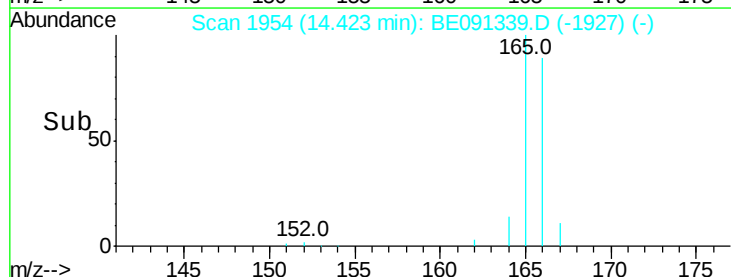
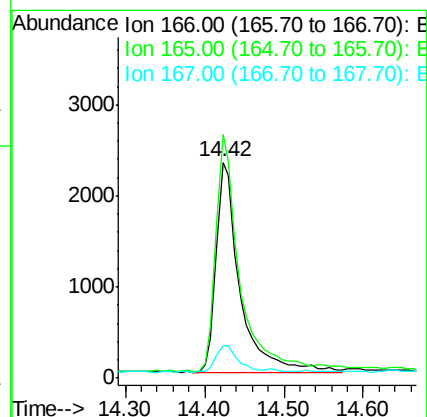
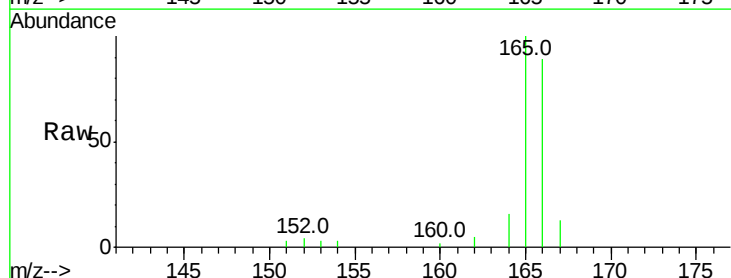
Tgt Ion:166 Resp: 4854

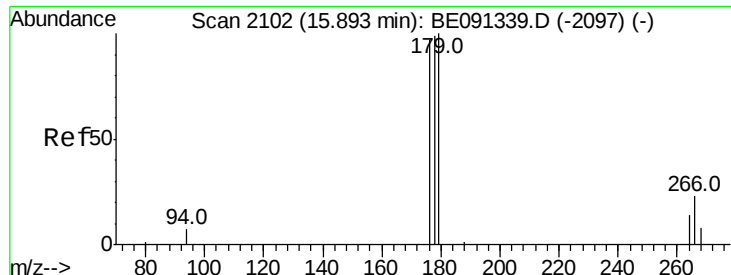
Ion Ratio Lower Upper

166 100

165 112.8 90.2 135.4

167 15.2 12.2 18.2

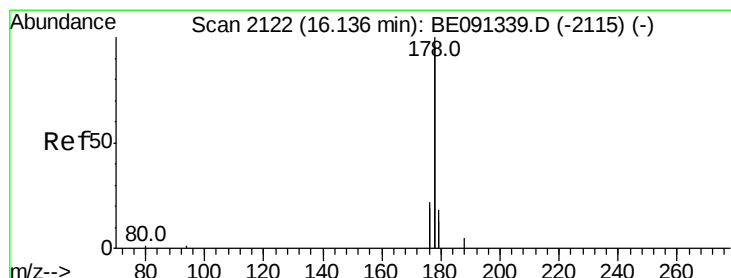
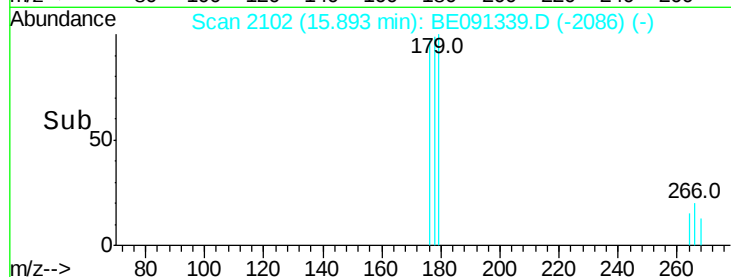
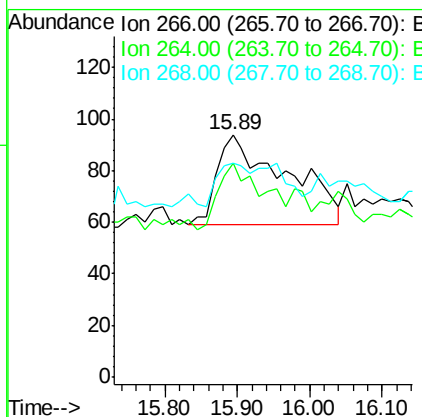
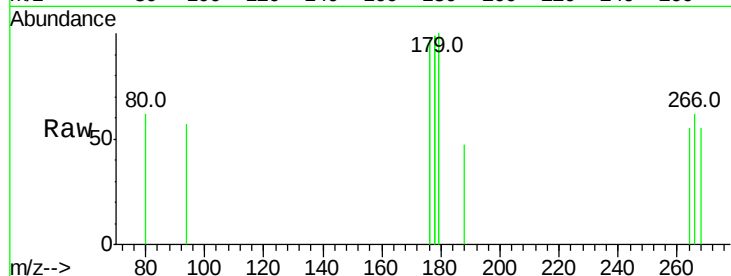




#13
 Pentachlorophenol
 Concen: 0.44 ng/ul
 RT: 15.89 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BE091339.D
 Acq: 15 Dec 2015 1:41

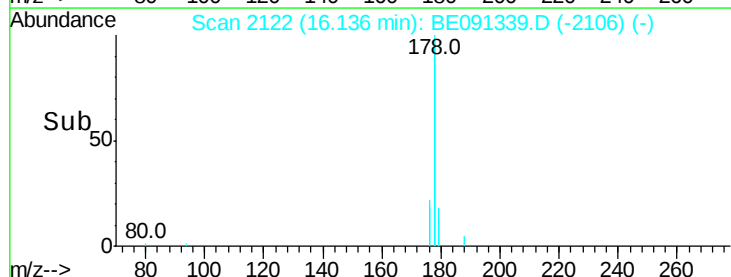
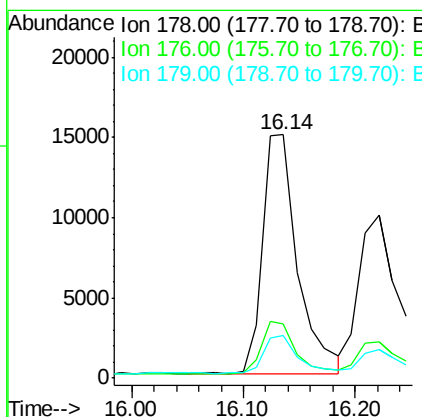
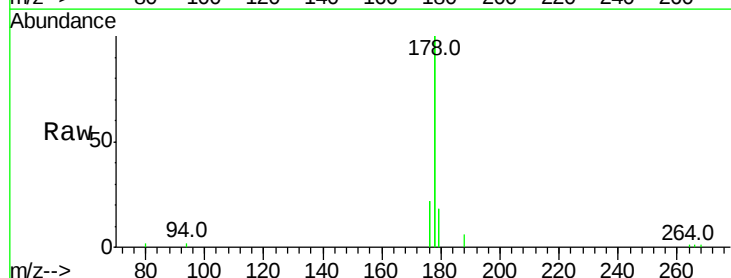
Instrument :
 BNA_E
 ClientSampleId :

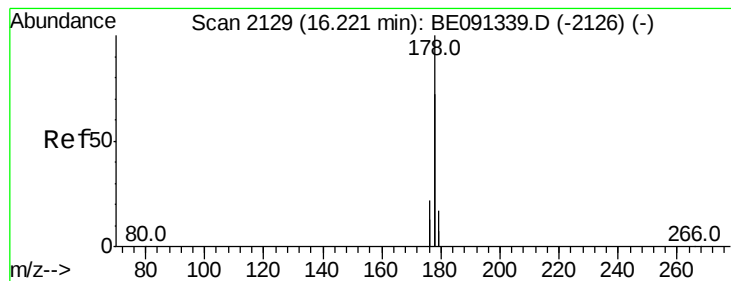
Tot Ion:266 Resp: 234
 Ion Ratio Lower Upper
 266 100
 264 66.7 54.7 82.1
 268 44.0 36.2 54.2



#14
 Phenanthrene
 Concen: 0.35 ng/ul
 RT: 16.14 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BE091339.D
 Acq: 15 Dec 2015 1:41

Tgt Ion:178 Resp: 32485
 Ion Ratio Lower Upper
 178 100
 176 22.3 17.8 26.8
 179 17.5 14.0 21.0





#15

Anthracene

Concen: 0.34 ng/ul

RT: 16.22 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampleId :

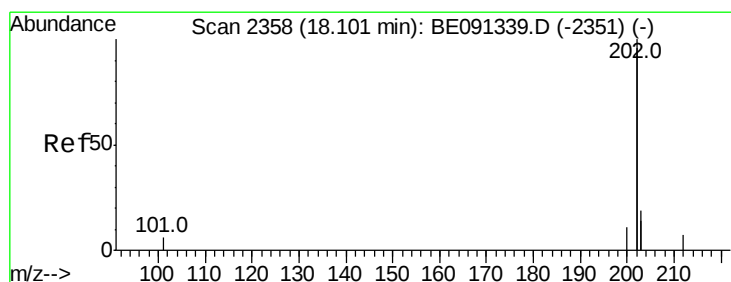
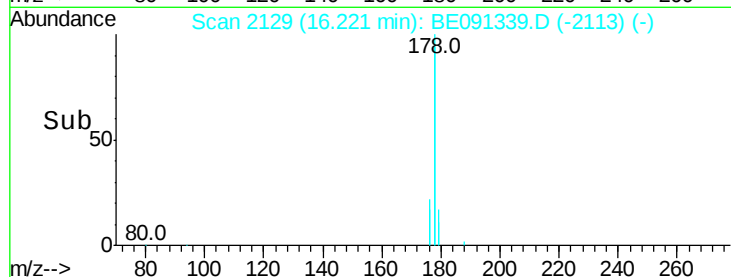
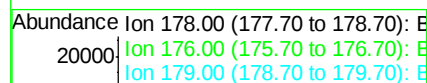
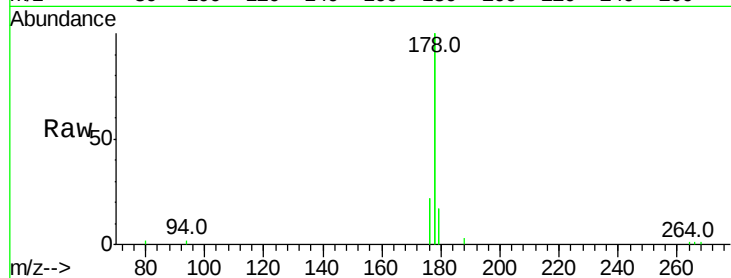
Tot Ion:178 Resp: 25853

Ion Ratio Lower Upper

178 100

176 22.4 17.9 26.9

179 17.2 13.8 20.6



#17

Fluoranthene

Concen: 0.29 ng/ul

RT: 18.10 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

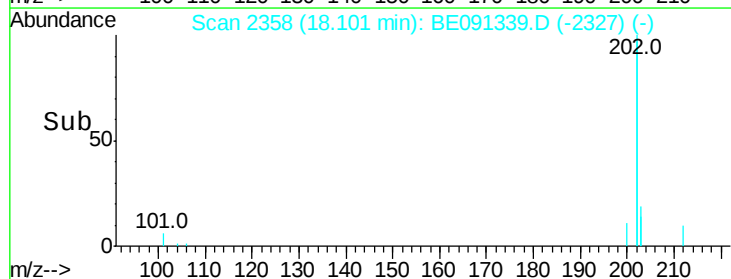
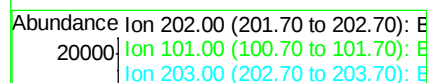
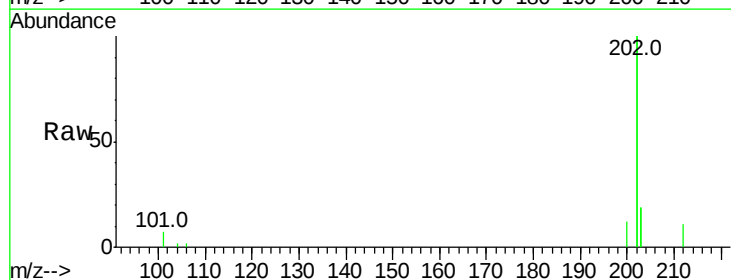
Tgt Ion:202 Resp: 29101

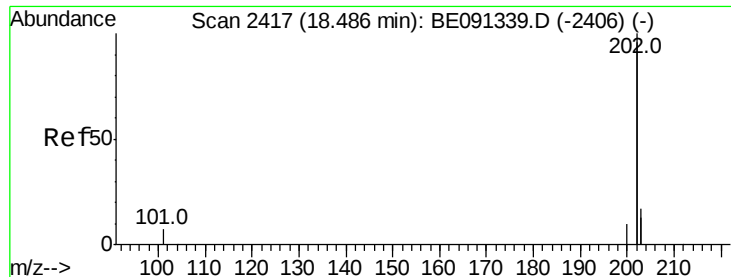
Ion Ratio Lower Upper

202 100

101 3.6 0.0 23.6

203 18.7 0.0 38.7





#19

Pvrene

Concen: 0.40 ng/ul

RT: 18.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampleId :

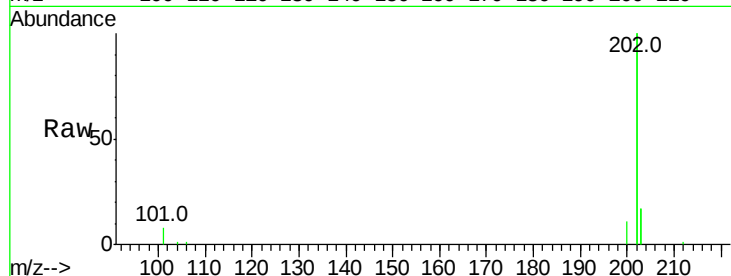
Tot Ion:202 Resp: 27226

Ion Ratio Lower Upper

202 100

200 5.5 4.4 6.6

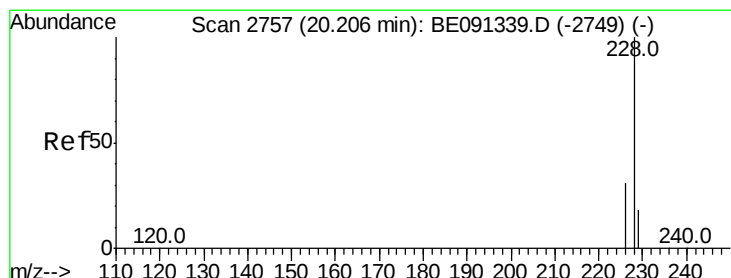
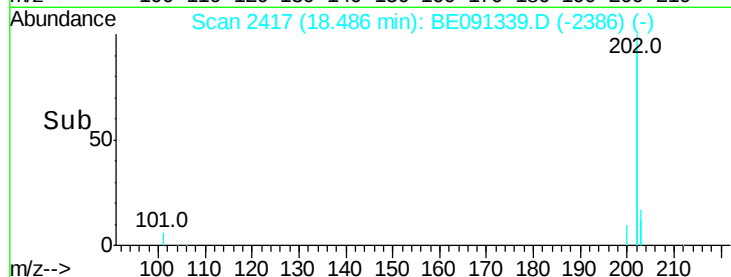
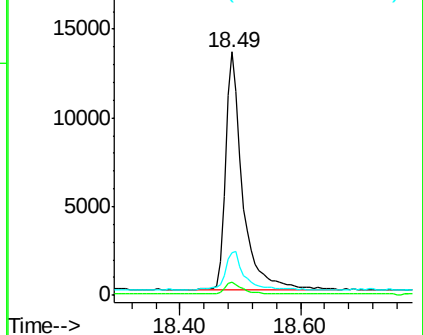
203 17.3 13.8 20.8



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



#20

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 20.21 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

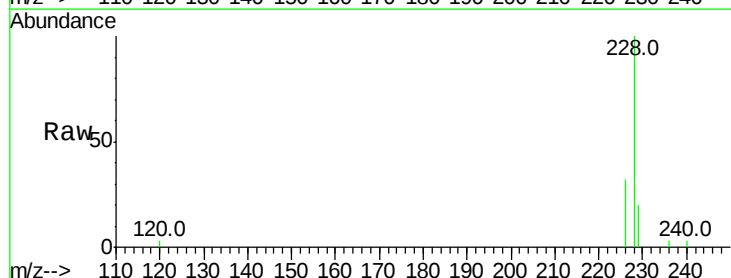
Tgt Ion:228 Resp: 4773

Ion Ratio Lower Upper

228 100

226 32.3 25.8 38.8

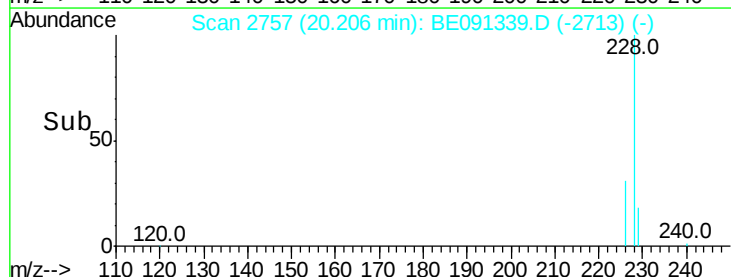
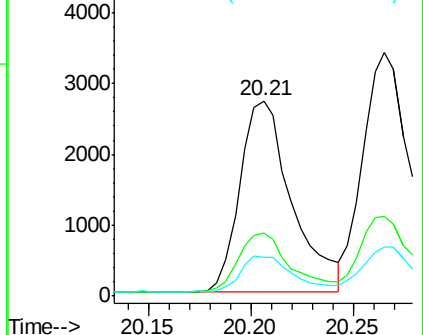
229 19.5 15.6 23.4

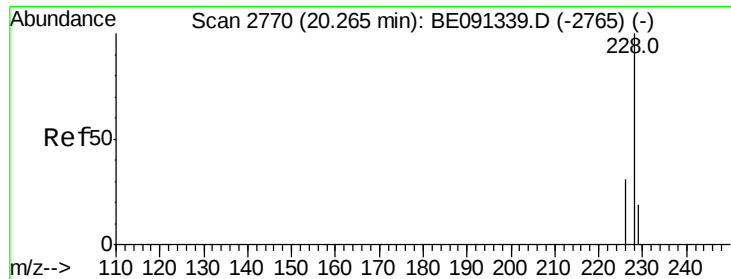


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.33 ng/ul

RT: 20.27 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampleId :

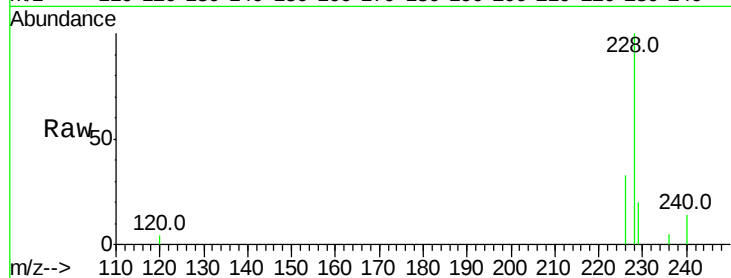
Tot Ion:228 Resp: 6332

Ion Ratio Lower Upper

228 100

226 32.8 26.2 39.4

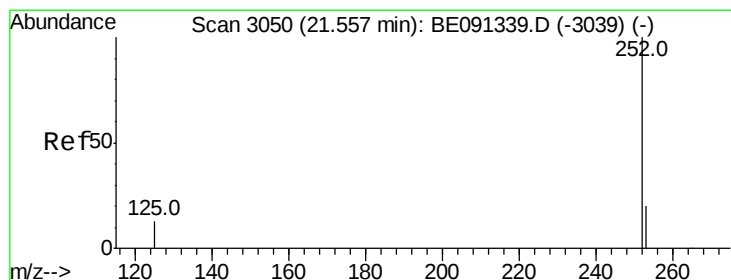
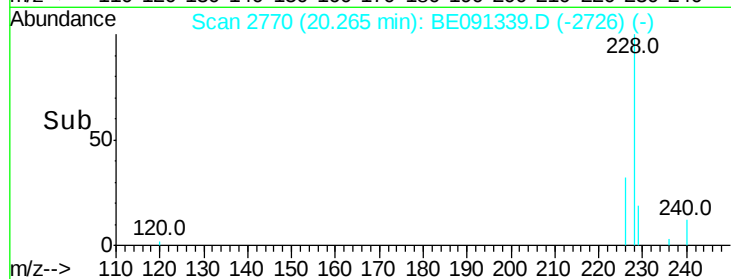
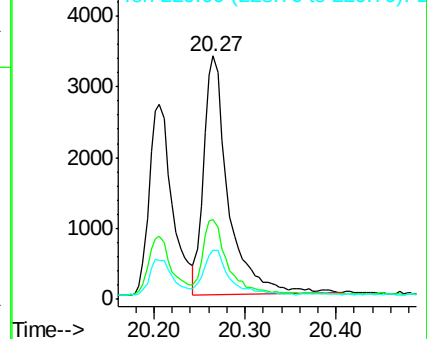
229 20.3 16.2 24.4



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



#23

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

RT: 21.56 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

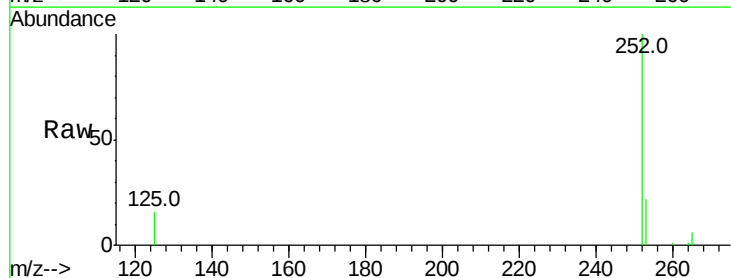
Tgt Ion:252 Resp: 5933

Ion Ratio Lower Upper

252 100

253 22.3 0.0 44.6

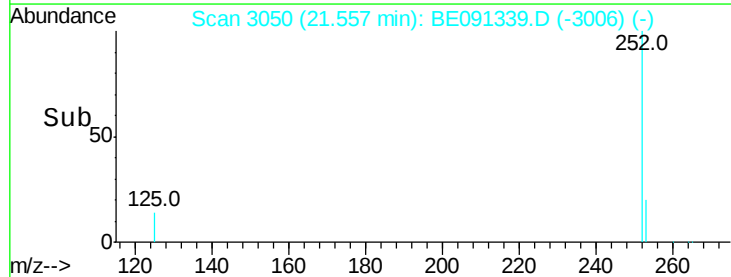
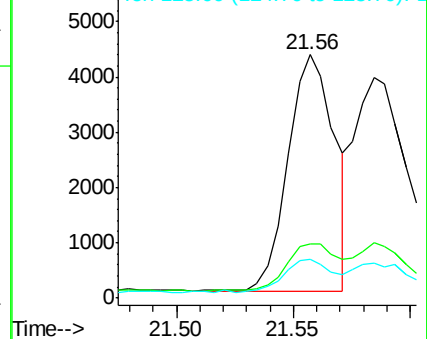
125 15.7 0.0 31.4

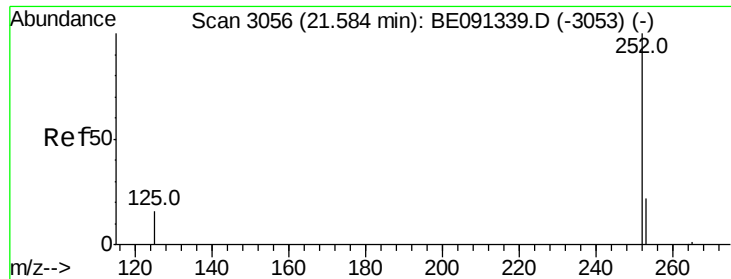


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.32 ng/ul

RT: 21.58 min Scan# 3056

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampleId :

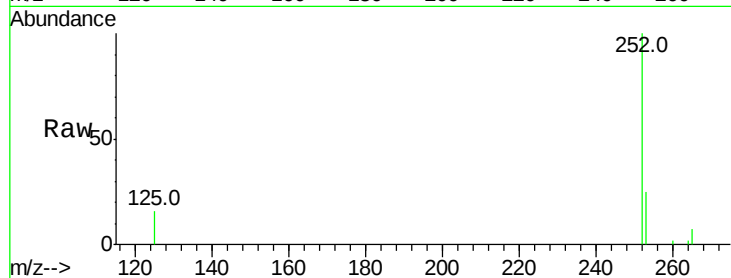
Tot Ion:252 Resp: 7327

Ion Ratio Lower Upper

252 100

253 25.1 20.1 30.1

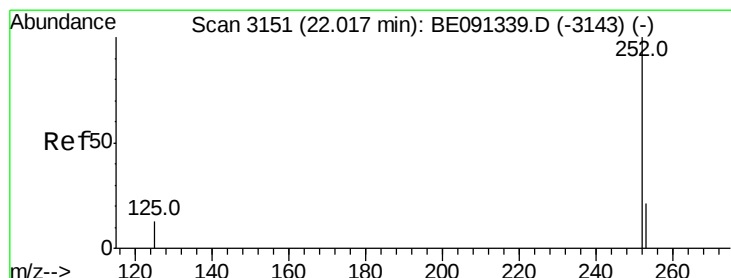
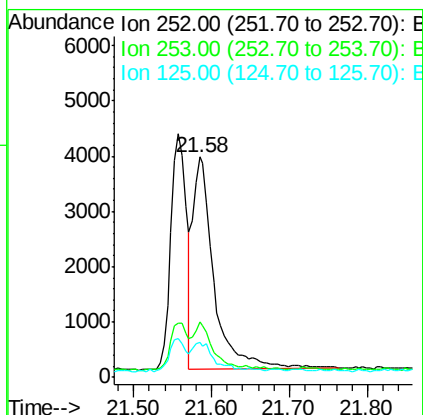
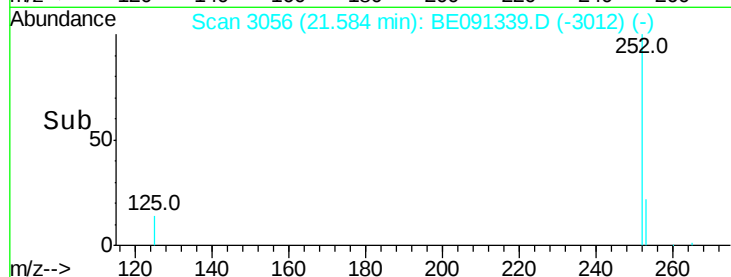
125 16.1 12.9 19.3



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



#25

Benzo(a)pyrene

Concen: 0.31 ng/ul

RT: 22.02 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

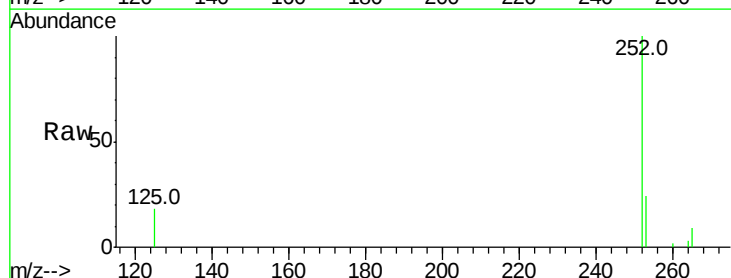
Tgt Ion:252 Resp: 6187

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

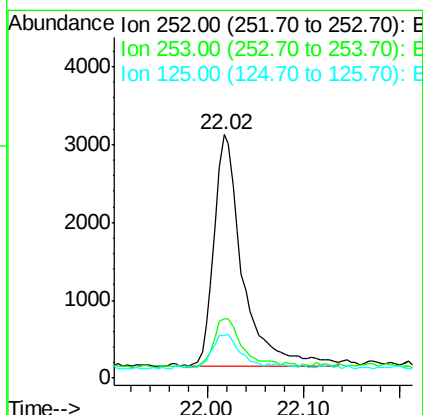
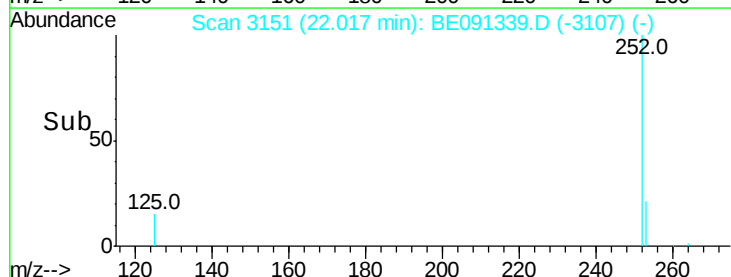
125 17.7 14.2 21.2

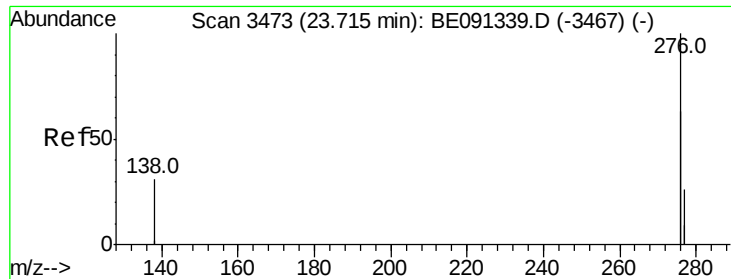


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

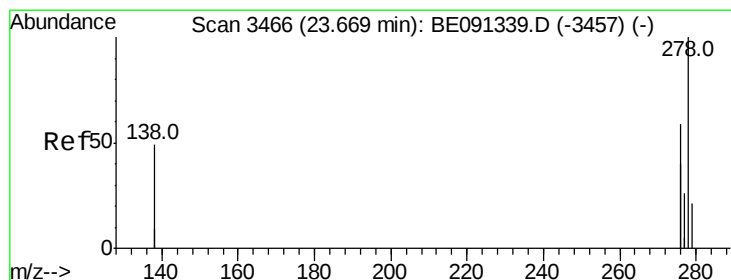
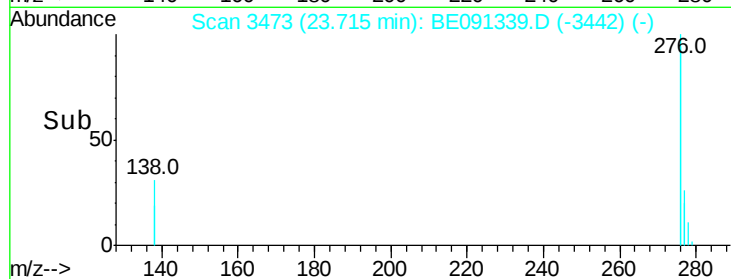
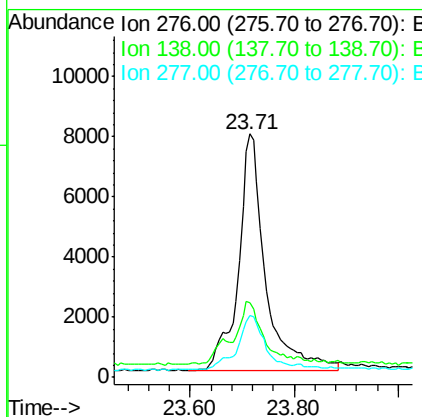
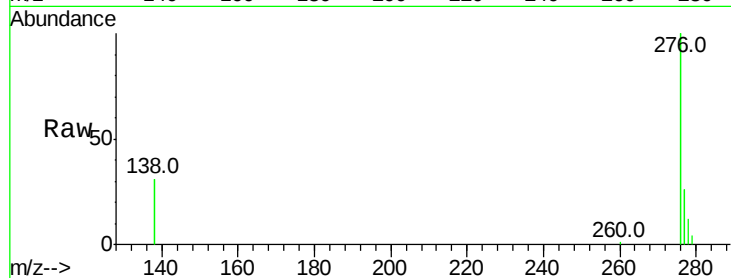




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng/ul
 RT: 23.71 min Scan# 3473
 Delta R.T. 0.00 min
 Lab File: BE091339.D
 Acq: 15 Dec 2015 1:41

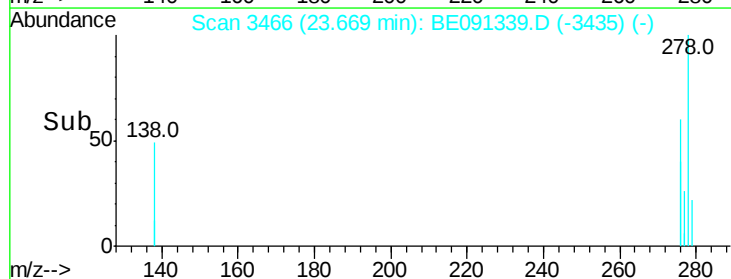
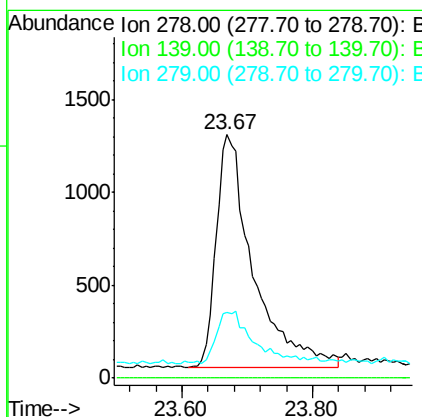
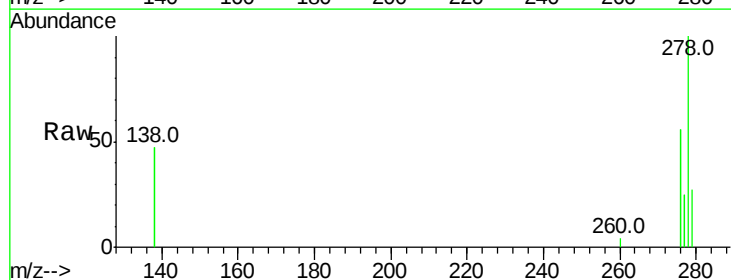
Instrument :
 BNA_E
 ClientSampleId :

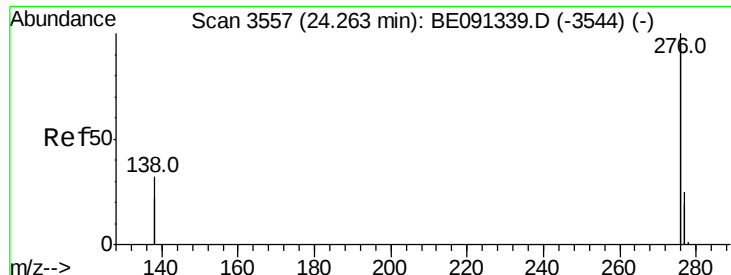
Tot Ion:276 Resp: 28336
 Ion Ratio Lower Upper
 276 100
 138 24.7 23.1 34.7
 277 24.7 23.1 34.7



#27
 Dibenzo(a,h)anthracene
 Concen: 0.34 ng/ul
 RT: 23.67 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: BE091339.D
 Acq: 15 Dec 2015 1:41

Tgt Ion:278 Resp: 4957
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 26.8 21.4 32.2





#28

Benzo(a,h,i)perylene

Concen: 0.35 ng/ul

RT: 24.26 min Scan# 3557

Delta R.T. 0.00 min

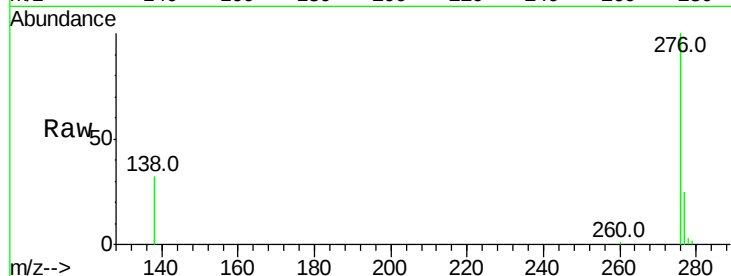
Lab File: BE091339.D

Acq: 15 Dec 2015 1:41

Instrument :

BNA_E

ClientSampleId :



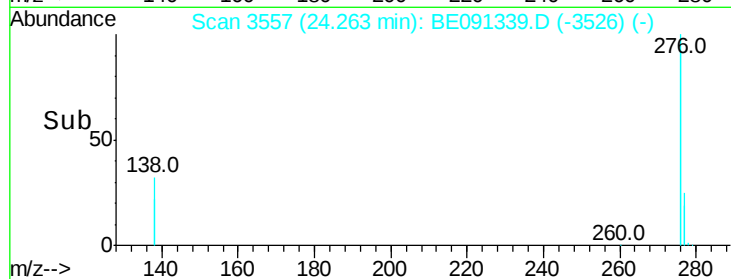
Tot Ion:276 Resp: 27353

Ion Ratio Lower Upper

276 100

277 25.4 20.3 30.5

138 31.6 25.3 37.9



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

