

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102715\
 Data File : BE091059.D
 Acq On : 27 Oct 2015 21:25
 Operator : UM/NP
 Sample : G4074-05DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JG9J9DL

Quant Time: Oct 28 04:00:54 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 03:57:22 2015
 Response via : Initial Calibration

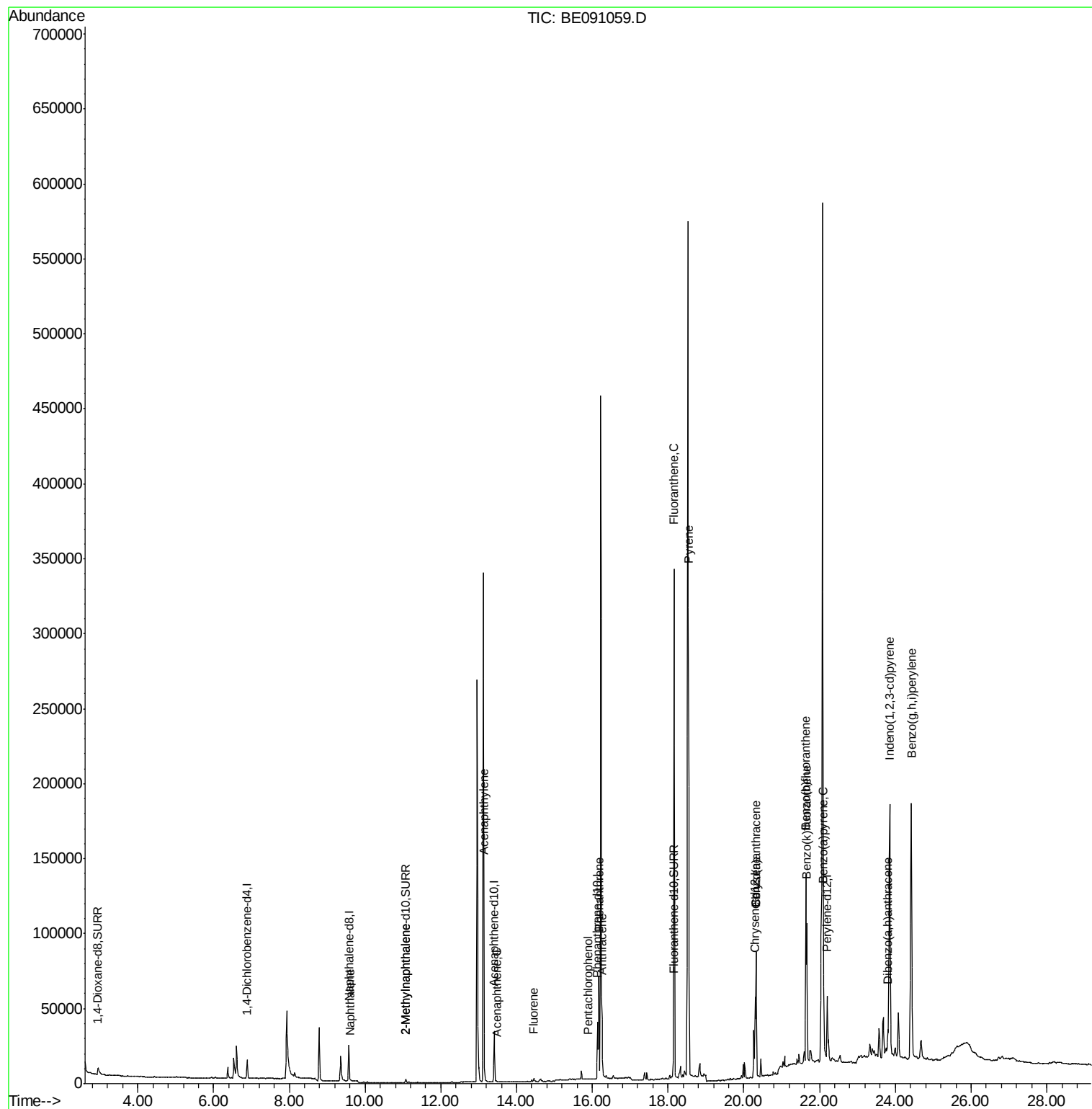
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	5644	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.57	136	30681	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	17435	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	40089	0.40	ng/ul	0.00
18) Chrysene-d12	20.30	240	44289	0.40	ng/ul	0.01
22) Perylene-d12	22.20	264	45013	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	5890	1.45	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.08	152	2743	0.07	ng/ul	-0.01
16) Fluoranthene-d10	18.13	212	7164	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.62	128	463	0.01	ng/ul#	26
7) 2-Methylnaphthalene	11.07	142	19	0.00	ng/ul	96
9) Acenaphthylene	13.15	152	4554	0.05	ng/ul	94
10) Acenaphthene	13.47	153	374	0.01	ng/ul#	88
11) Fluorene	14.45	166	1797	0.02	ng/ul#	89
13) Pentachlorophenol	15.89	266	282	0.07	ng/ul	92
14) Phenanthrene	16.17	178	66583	0.14	ng/ul	100
15) Anthracene	16.26	178	42349	0.10	ng/ul	95
17) Fluoranthene	18.16	202	355323	0.66	ng/ul	88
19) Pyrene	18.55	202	328139	0.65	ng/ul#	78
20) Benzo(a)anthracene	20.33	228	80363	0.71	ng/ul	95
21) Chrysene	20.33	228	79226	0.60	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	135877	0.97	ng/ul	99
24) Benzo(k)fluoranthene	21.66	252	73493	0.51	ng/ul#	91
25) Benzo(a)pyrene	22.10	252	48766	0.38	ng/ul#	85
26) Indeno(1,2,3-cd)pyrene	23.85	276	250088	0.46	ng/ul#	87
27) Dibenzo(a,h)anthracene	23.80	278	12835	0.10	ng/ul#	67
28) Benzo(a,h,i)perylene	24.42	276	273223	0.48	ng/ul	98

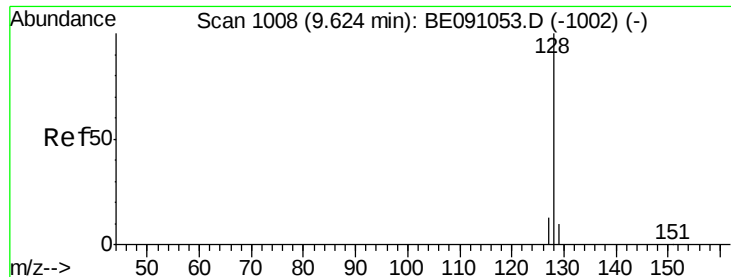
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleId :

JG9J9DL

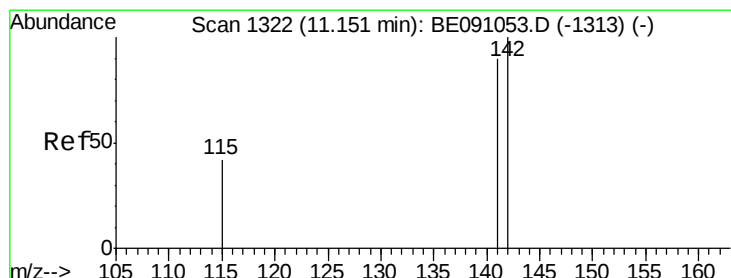
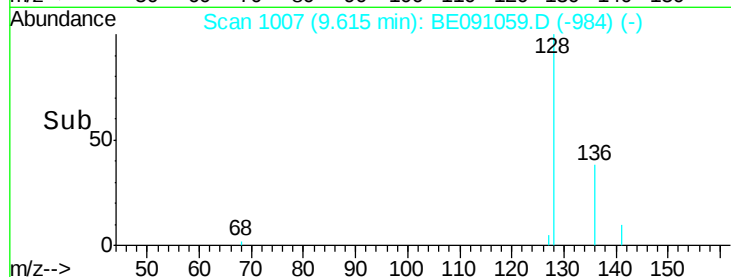
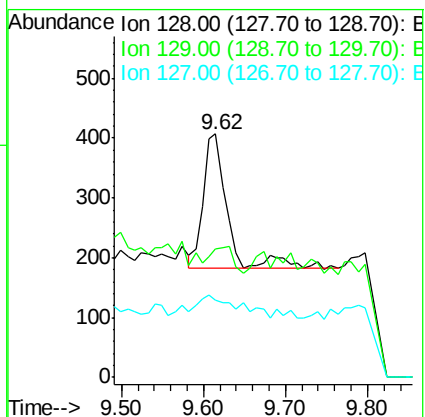
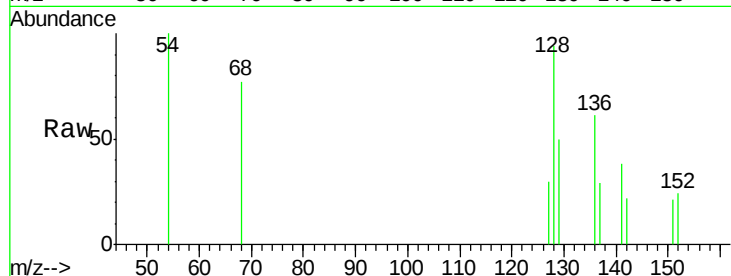
Tot Ion:128 Resp: 463

Ion Ratio Lower Upper

128 100

129 52.8 9.8 14.8#

127 31.9 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.07 min Scan# 1304

Delta R.T. -0.08 min

Lab File: BE091059.D

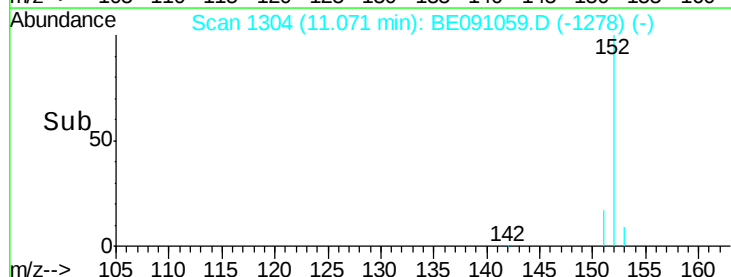
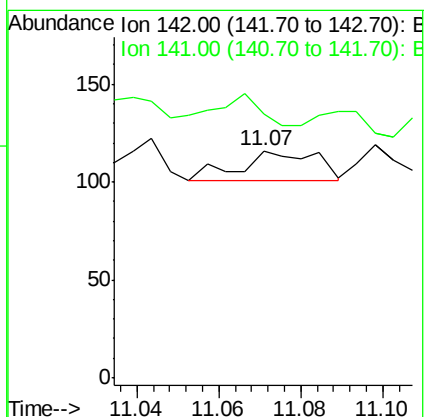
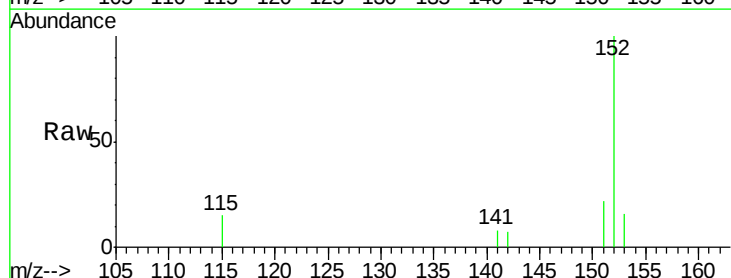
Acq: 27 Oct 2015 21:25

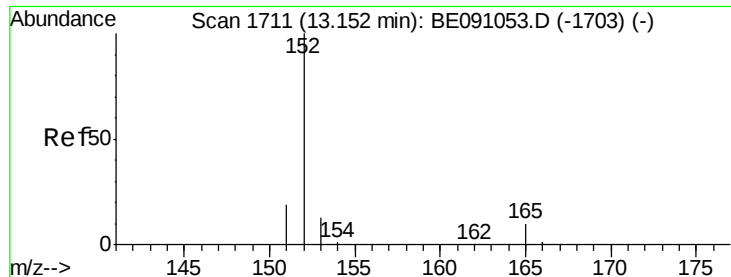
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

141 84.2 70.3 105.5





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleID :

JG9J9DL

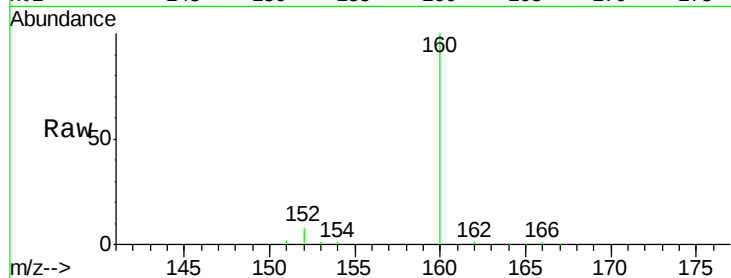
Tot Ion:152 Resp: 4554

Ion Ratio Lower Upper

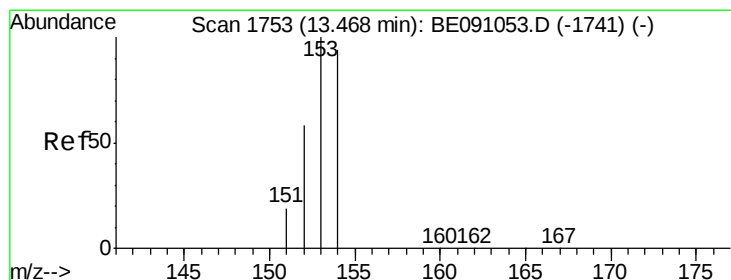
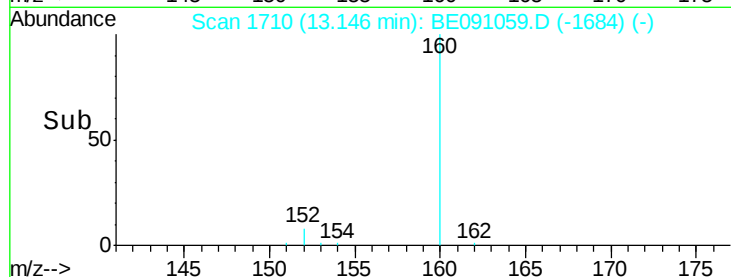
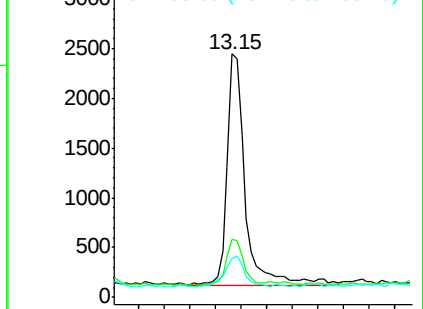
152 100

151 24.1 16.8 25.2

153 16.1 11.3 16.9



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: 0.01 ng/ul

RT: 13.47 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

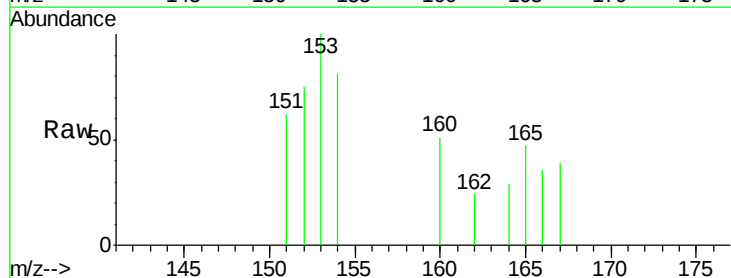
Tgt Ion:153 Resp: 374

Ion Ratio Lower Upper

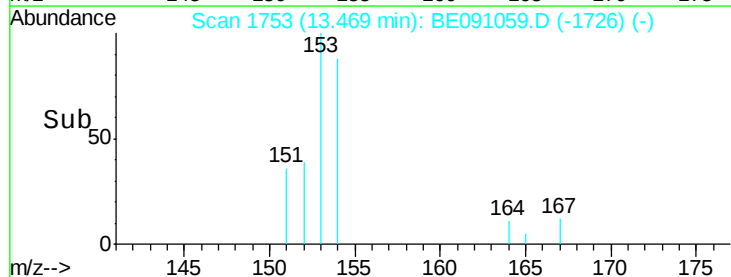
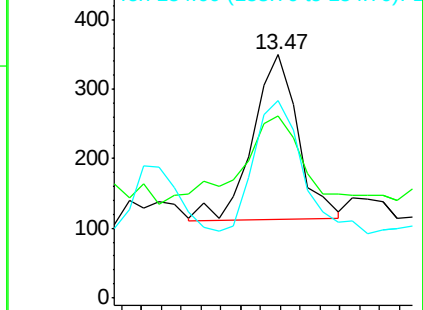
153 100

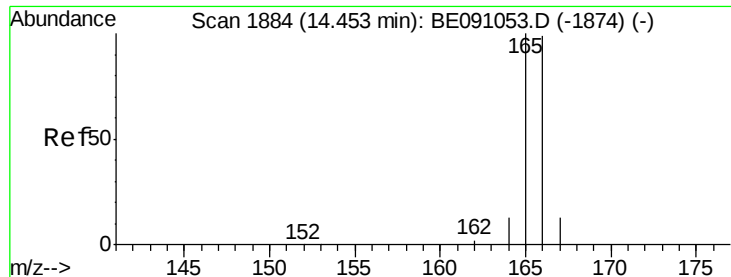
152 74.9 42.3 63.5#

154 80.9 64.7 97.1



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.02 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleId :

JG9J9DL

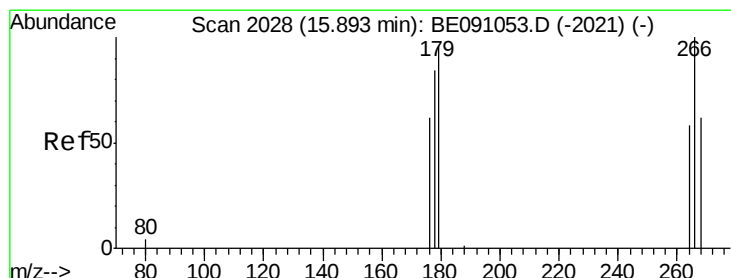
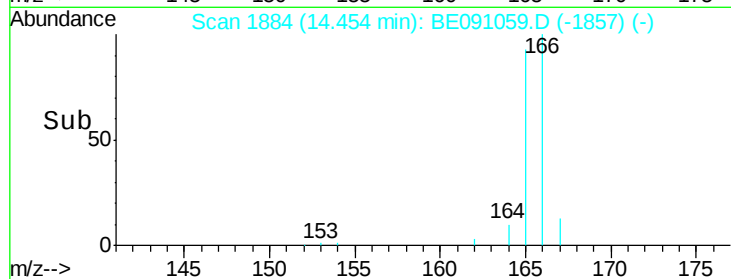
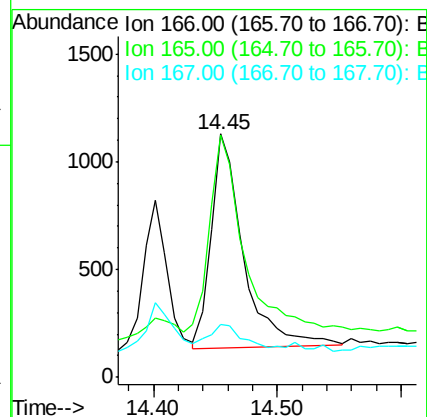
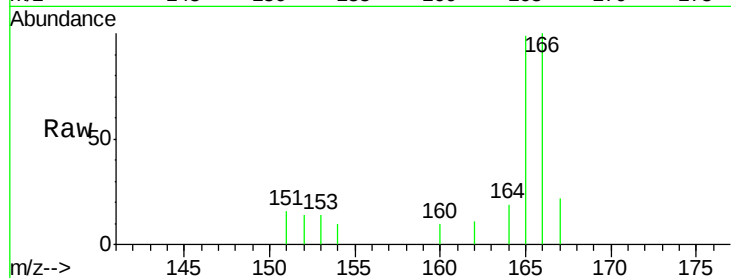
Tot Ion:166 Resp: 1797

Ion Ratio Lower Upper

166 100

165 99.4 87.6 131.4

167 21.9 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.07 ng/ul

RT: 15.89 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

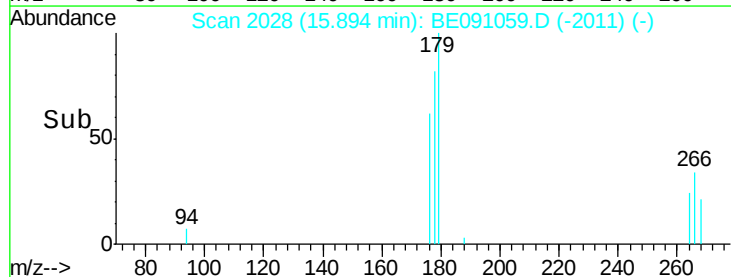
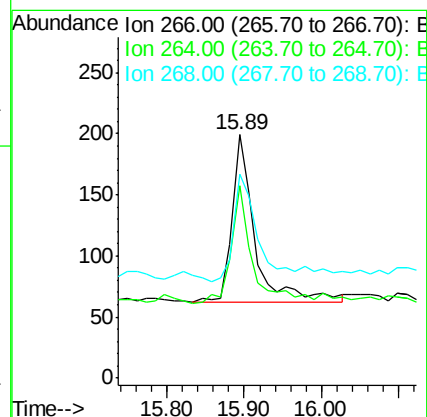
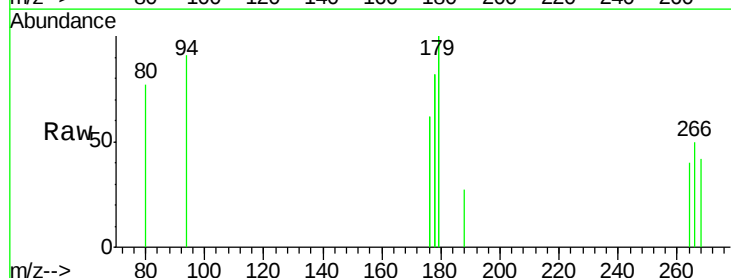
Tgt Ion:266 Resp: 282

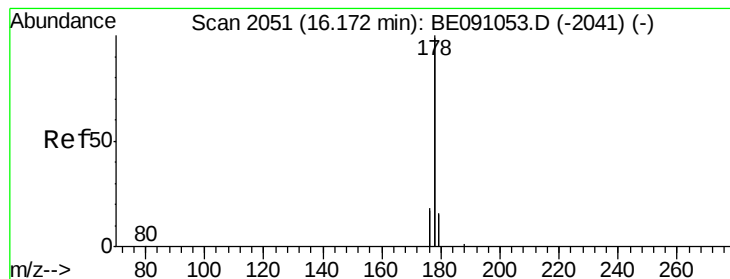
Ion Ratio Lower Upper

266 100

264 66.0 53.5 80.3

268 80.1 54.2 81.2





#14

Phenanthrene

Concen: 0.14 ng/ul

RT: 16.17 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleId :

JG9J9DL

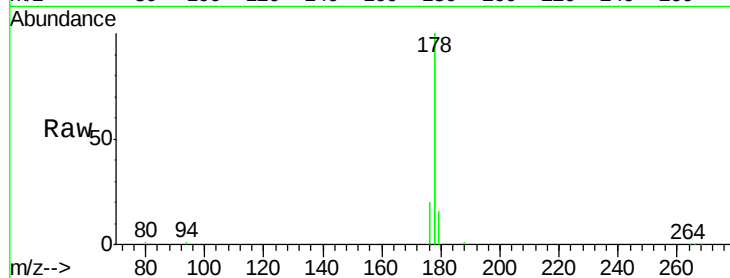
Tot Ion:178 Resp: 66583

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

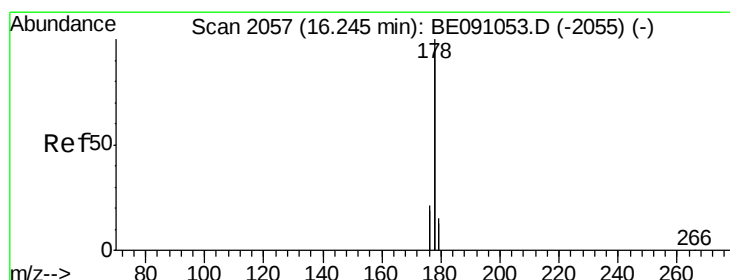
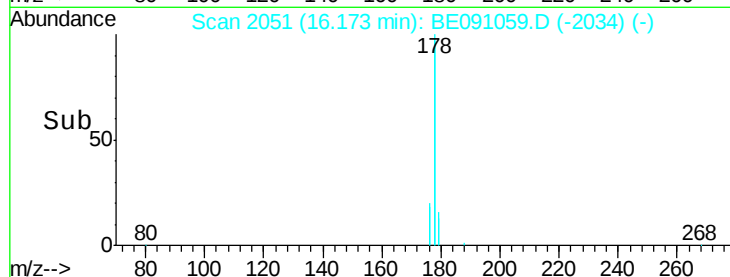
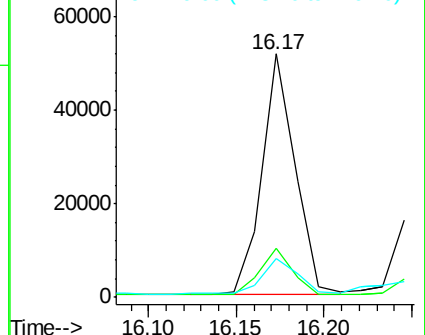
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.10 ng/ul

RT: 16.26 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

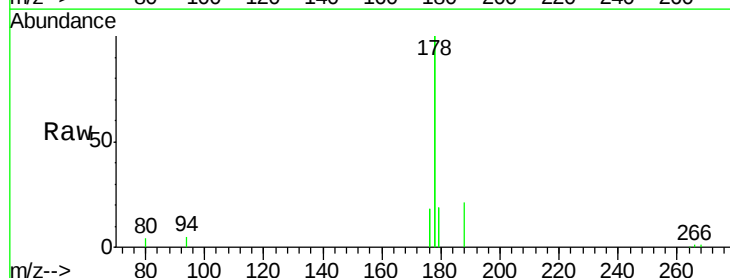
Tgt Ion:178 Resp: 42349

Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.8

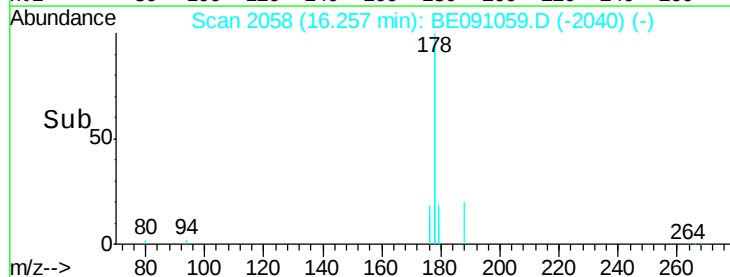
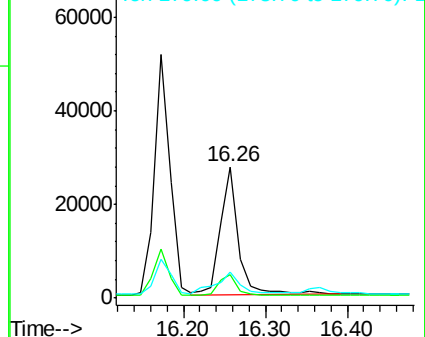
179 19.5 13.3 19.9

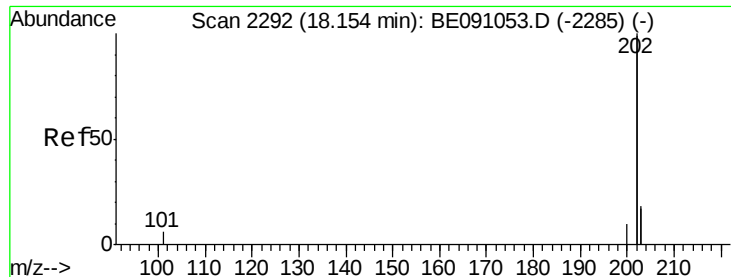


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

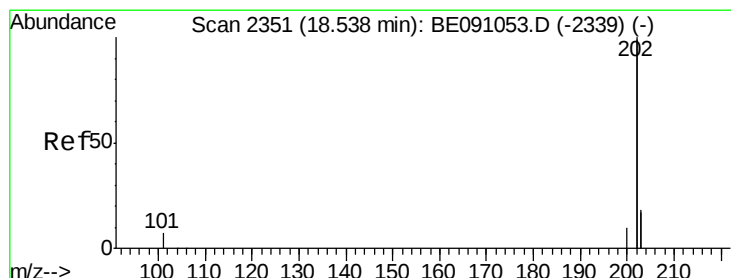
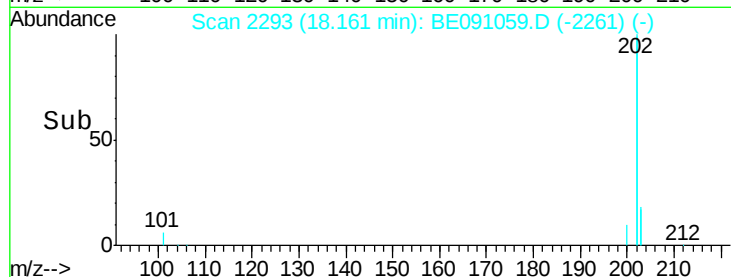
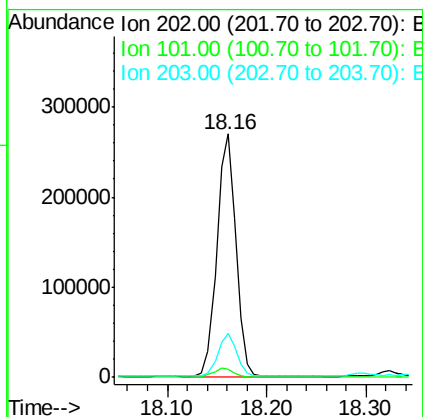
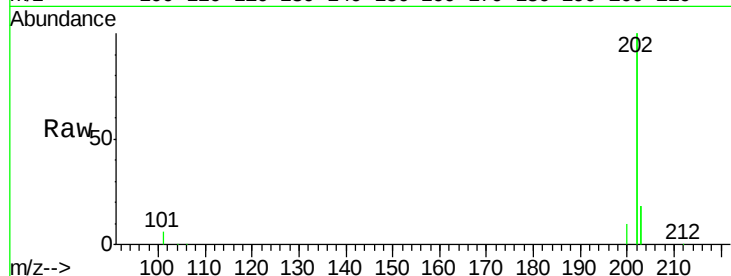




#17
Fluoranthene
Concen: 0.66 ng/ul
RT: 18.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

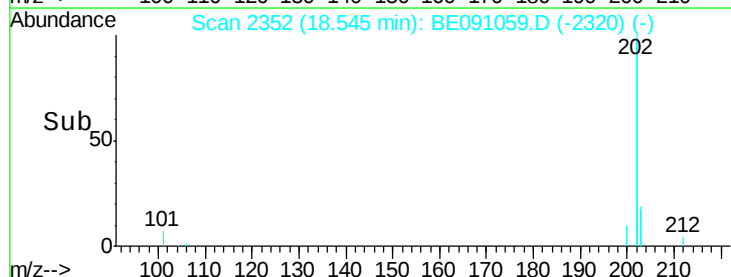
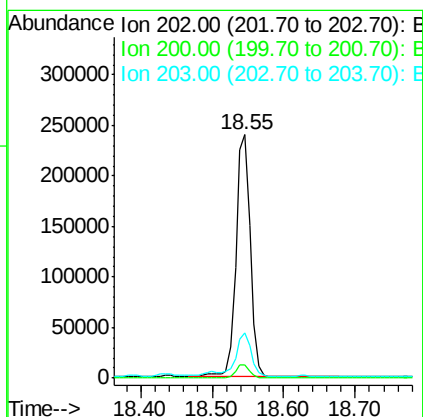
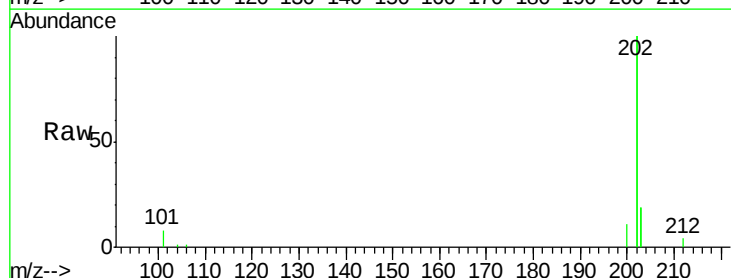
Instrument :
BNA_E
ClientSampleId :
JG9J9DL

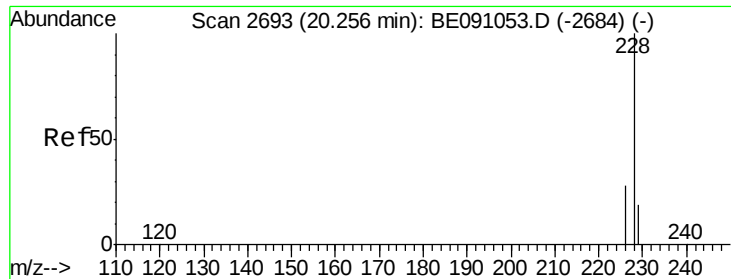
Tot Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	33.1
203	18.2	0.0	37.2



#19
Pyrene
Concen: 0.65 ng/ul
RT: 18.55 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	18.8	13.8	20.6





#20

Benzo(a)anthracene

Concen: 0.71 ng/ul

RT: 20.33 min Scan# 2709

Delta R.T. 0.07 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleId :

JG9J9DL

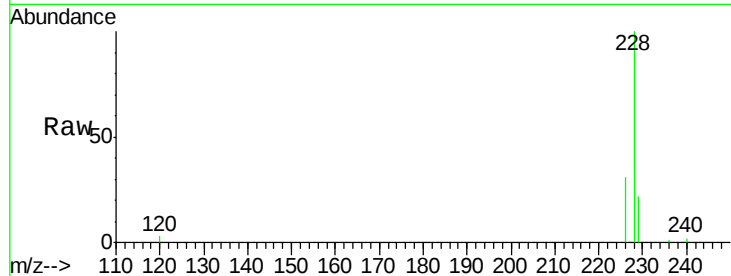
Tot Ion:228 Resp: 80363

Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.4

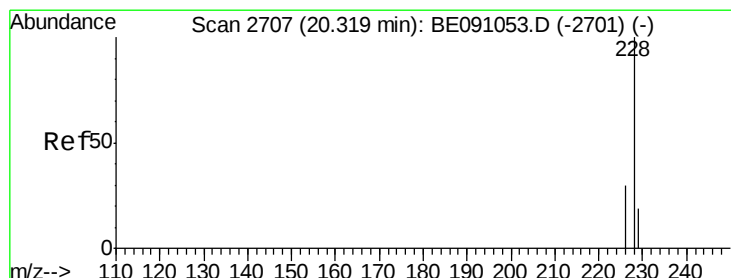
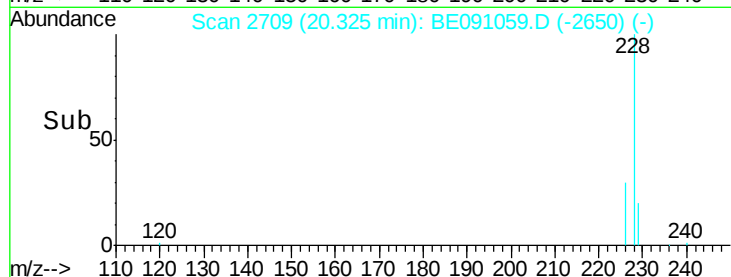
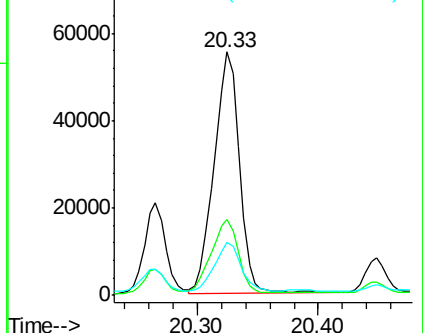
229 21.6 15.2 22.8



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: 0.60 ng/ul

RT: 20.33 min Scan# 2709

Delta R.T. 0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

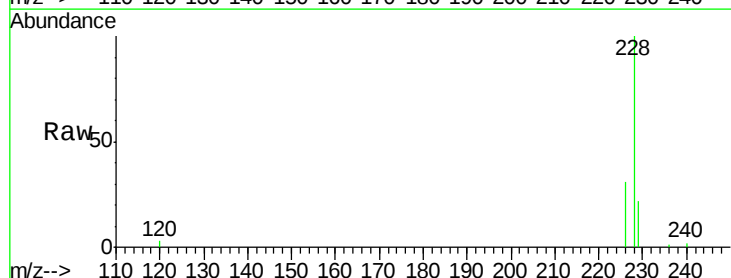
Tgt Ion:228 Resp: 79226

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

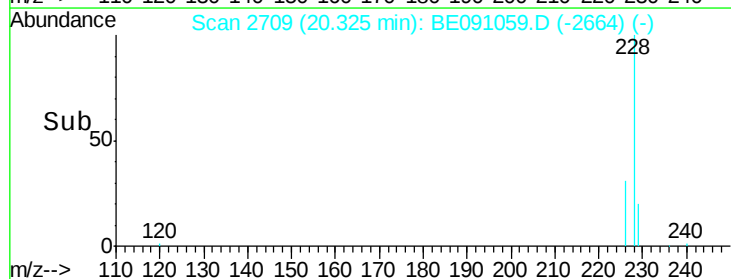
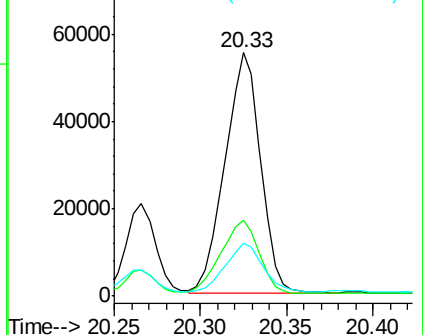
229 21.6 15.2 22.8

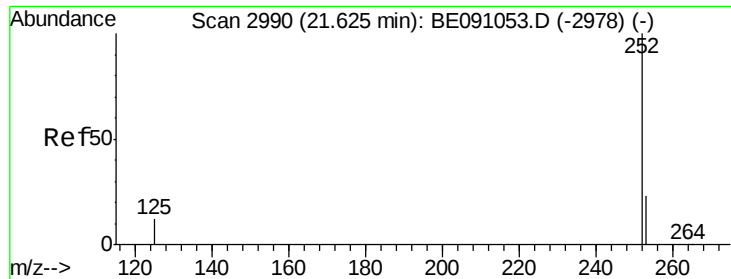


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.97 ng/ul

RT: 21.63 min Scan# 2993

Delta R.T. 0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleId :

JG9J9DL

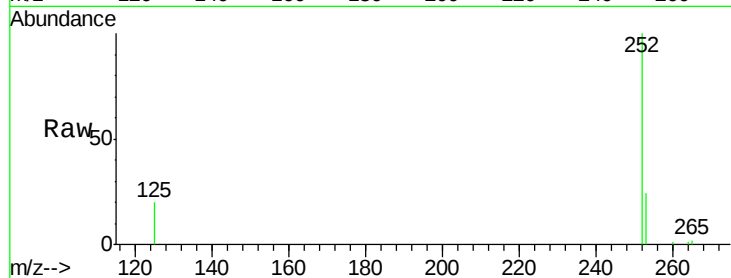
Tot Ion:252 Resp: 135877

Ion Ratio Lower Upper

252 100

253 23.9 0.0 48.0

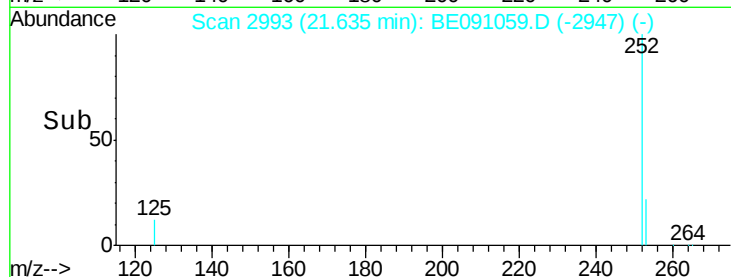
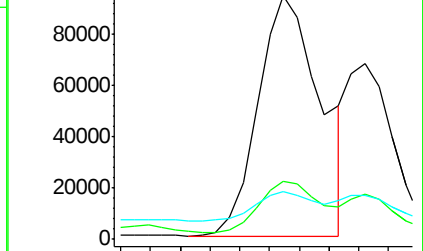
125 19.6 0.0 36.6



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



#24

Benzo(k)fluoranthene

Concen: 0.51 ng/ul

RT: 21.66 min Scan# 2999

Delta R.T. 0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

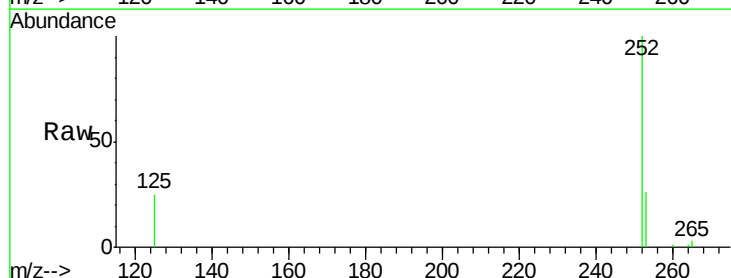
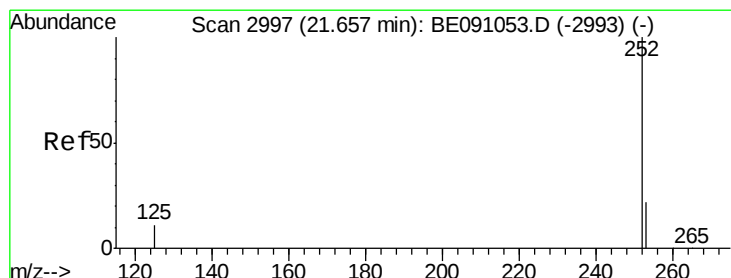
Tgt Ion:252 Resp: 73493

Ion Ratio Lower Upper

252 100

253 25.6 20.8 31.2

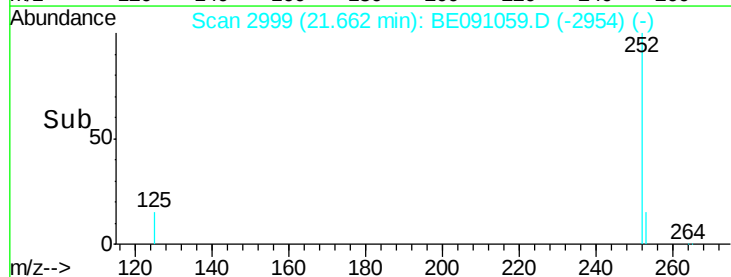
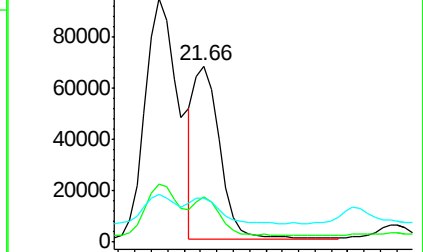
125 24.9 12.2 18.4#

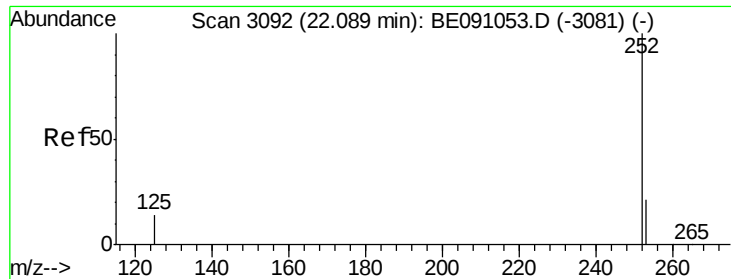


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 22.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

Instrument :

BNA_E

ClientSampleId :

JG9J9DL

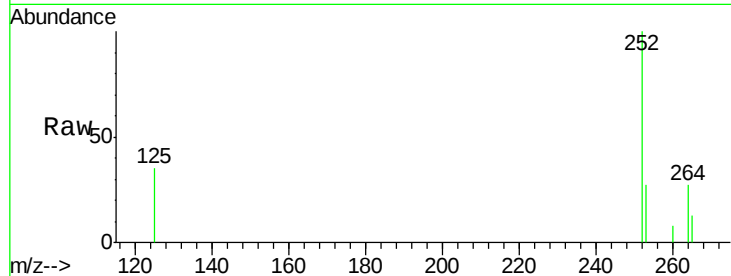
Tot Ion:252 Resp: 48766

Ion Ratio Lower Upper

252 100

253 27.0 21.8 32.8

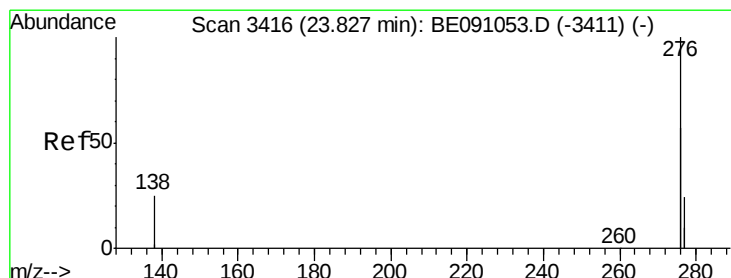
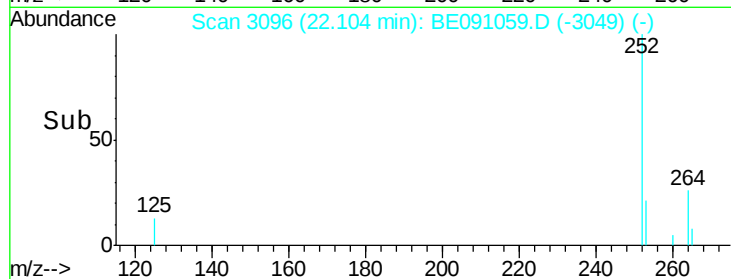
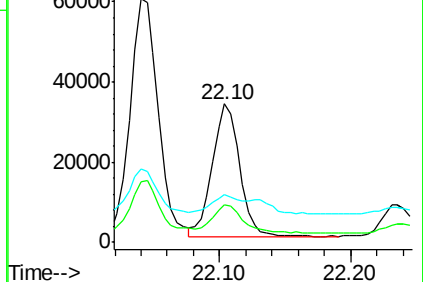
125 34.7 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.46 ng/ul

RT: 23.85 min Scan# 3421

Delta R.T. 0.03 min

Lab File: BE091059.D

Acq: 27 Oct 2015 21:25

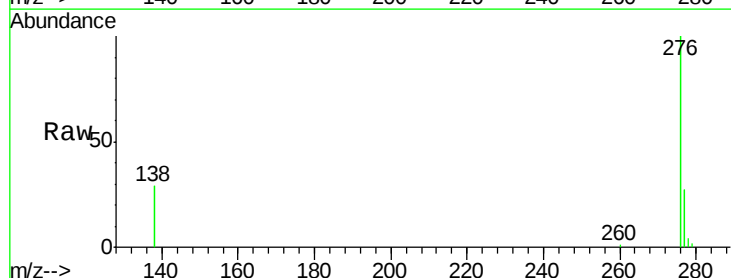
Tgt Ion:276 Resp: 250088

Ion Ratio Lower Upper

276 100

138 22.0 27.5 41.3#

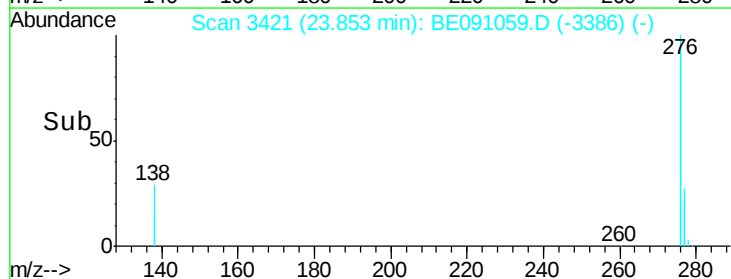
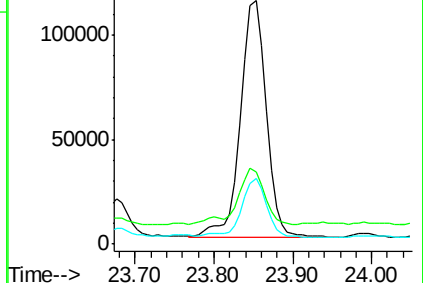
277 23.7 19.3 28.9

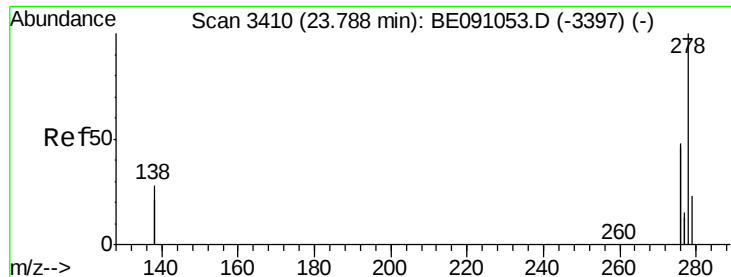


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

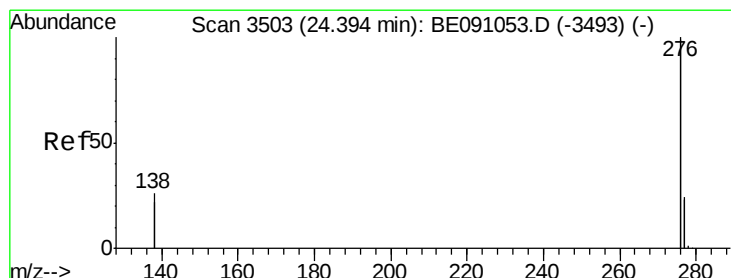
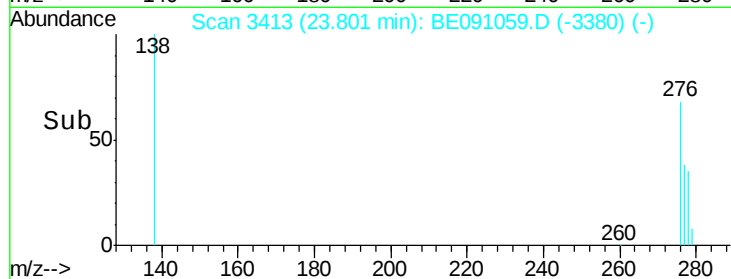
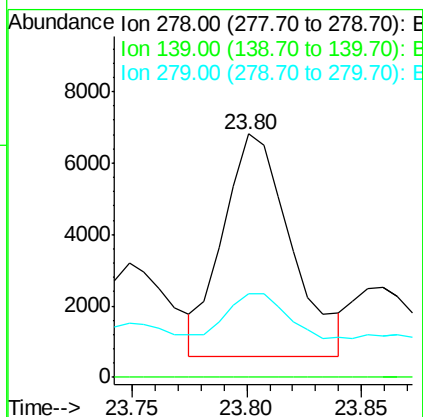
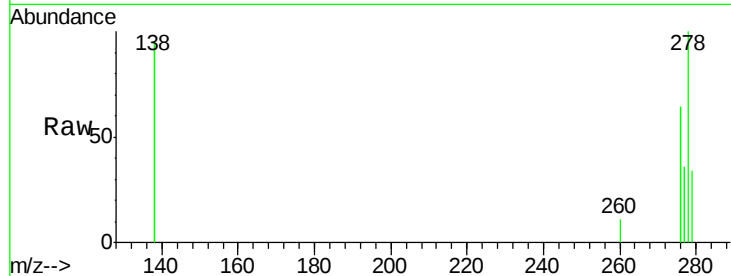




#27
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 23.80 min Scan# 3413
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Tot Ion:278 Resp: 12835
Ion Ratio Lower Upper
278 100
139 0.0 21.7 32.5#
279 34.5 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.48 ng/ul
RT: 24.42 min Scan# 3508
Delta R.T. 0.03 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:276 Resp: 273223
Ion Ratio Lower Upper
276 100
277 26.3 21.3 31.9
138 33.5 25.5 38.3

