

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
 Data File : BE091312.D
 Acq On : 23 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4346-02RXDL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J70RXDL

Quant Time: Nov 24 02:55:11 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration

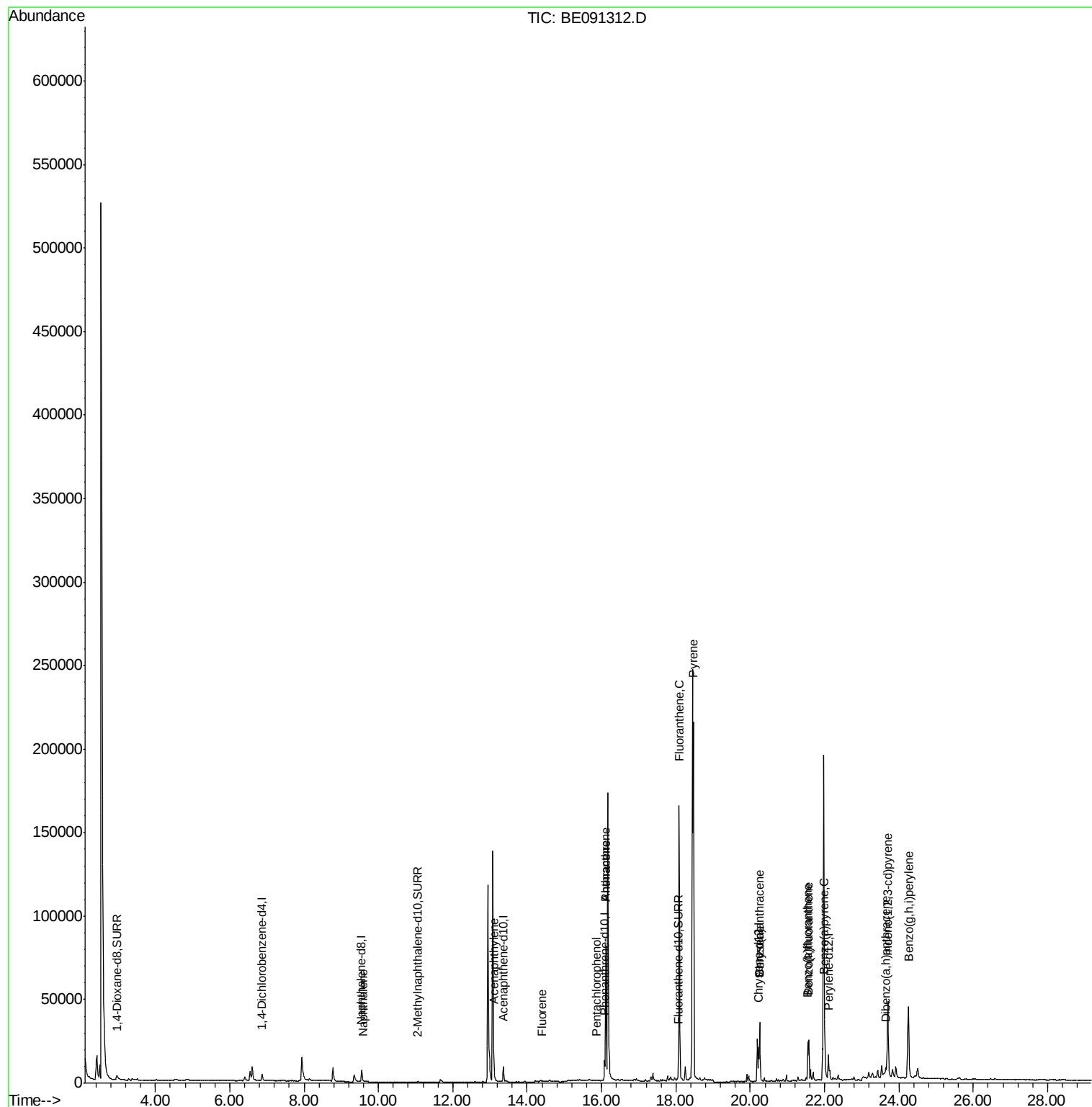
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2086	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.56	136	10060	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5211	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	13612	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	16445	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	16573	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	3818	2.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.06	152	880	0.06	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	2335	0.06	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.60	128	766	0.03	ng/ul#	68
9) Acenaphthylene	13.11	152	5162	0.20	ng/ul	98
11) Fluorene	14.40	166	926	0.04	ng/ul#	87
13) Pentachlorophenol	15.86	266	121	0.09	ng/ul	86
14) Phenanthrene	16.11	178	82915	0.53	ng/ul	99
15) Anthracene	16.11	178	82915	0.58	ng/ul	98
17) Fluoranthene	18.09	202	184520	1.00	ng/ul	90
19) Pyrene	18.47	202	222520	1.19	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	32959	0.78	ng/ul	95
21) Chrysene	20.26	228	33598	0.69	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	22290	0.43	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	24458	0.46	ng/ul	95
25) Benzo(a)pyrene	22.01	252	25143	0.53	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.70	276	63611	0.32	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.65	278	6185	0.13	ng/ul#	69
28) Benzo(g,h,i)perylene	24.26	276	68294	0.32	ng/ul	97

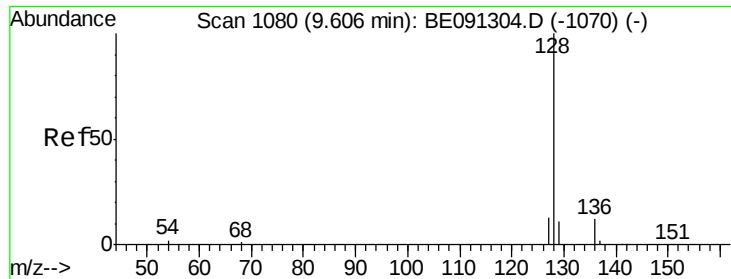
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 02:51:08 2015
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.60 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

A4J70RXDL

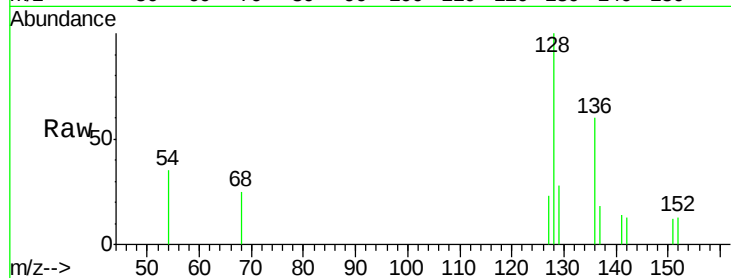
Tgt Ion:128 Resp: 766

Ion Ratio Lower Upper

128 100

129 27.9 9.8 14.8#

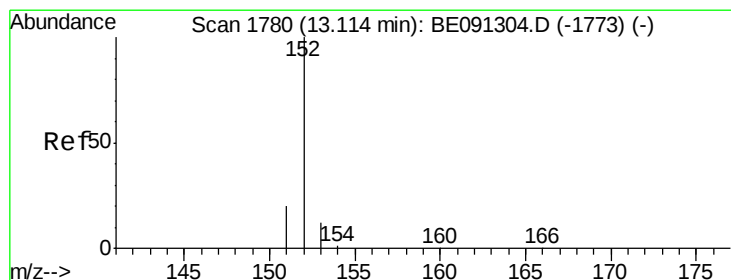
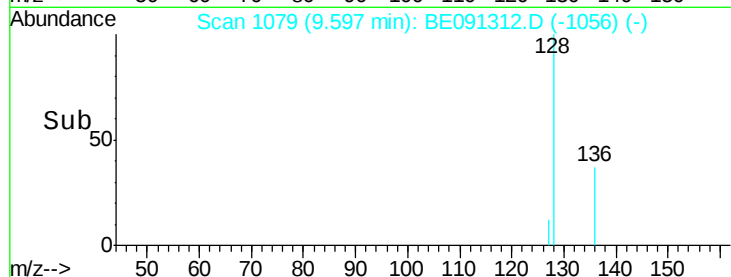
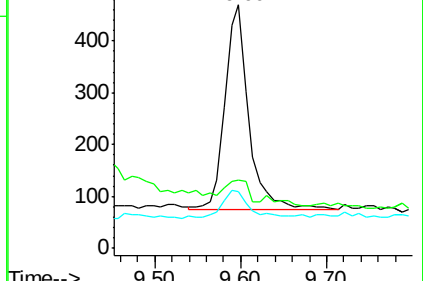
127 23.2 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#9

Acenaphthylene

Concen: 0.20 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

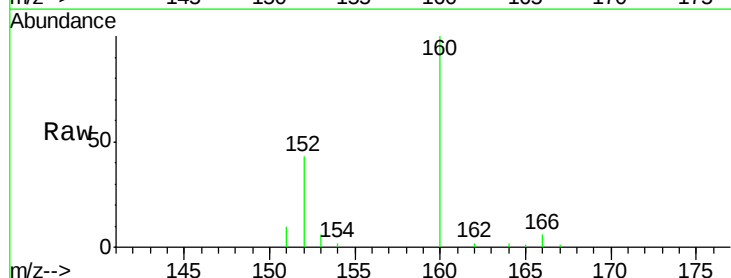
Tgt Ion:152 Resp: 5162

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

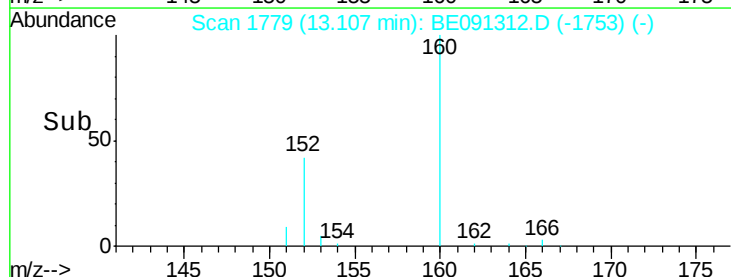
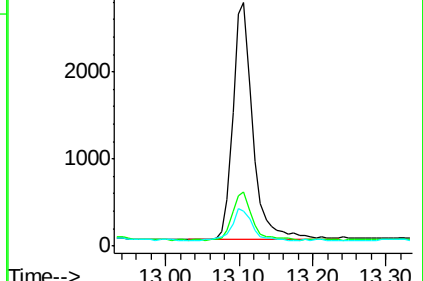
153 14.4 11.3 16.9

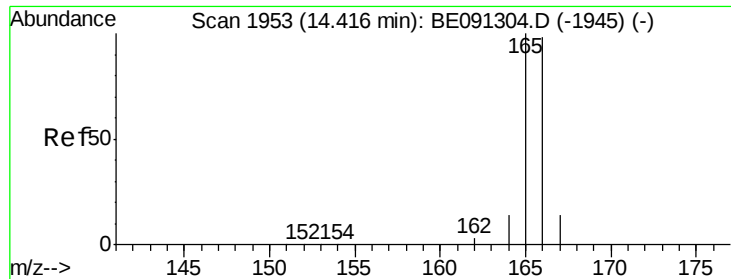


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

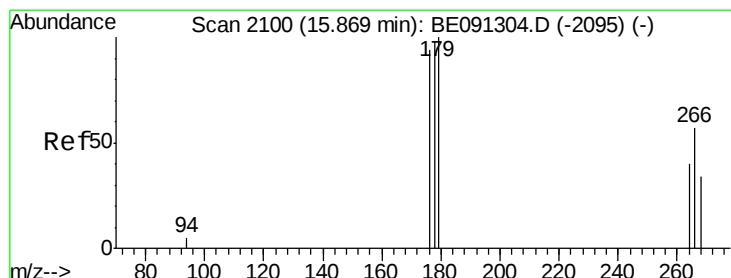
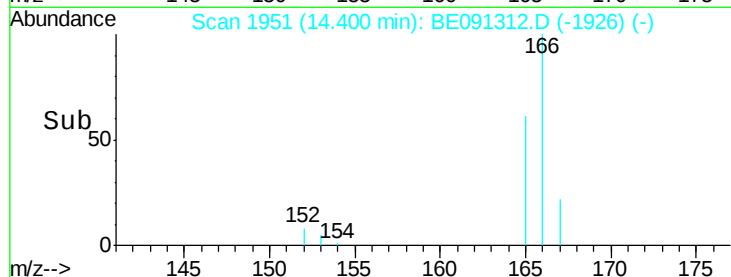
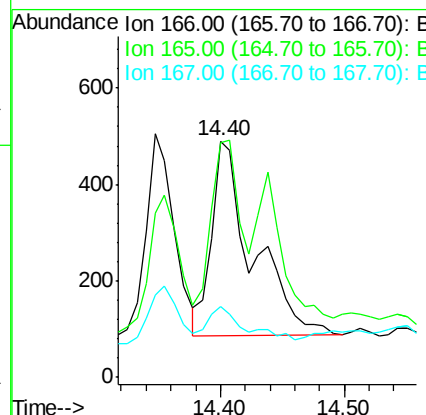
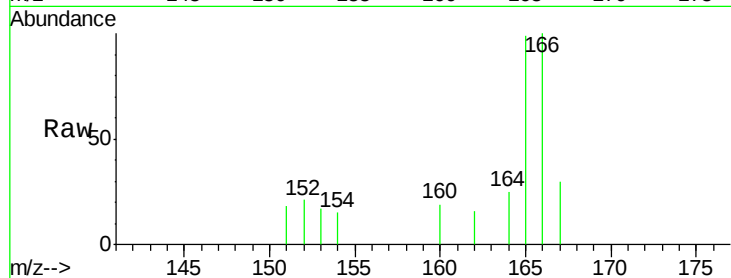




#11
Fluorene
 Concen: 0.04 ng/ul
 RT: 14.40 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BE091312.D
 Acq: 23 Nov 2015 22:36

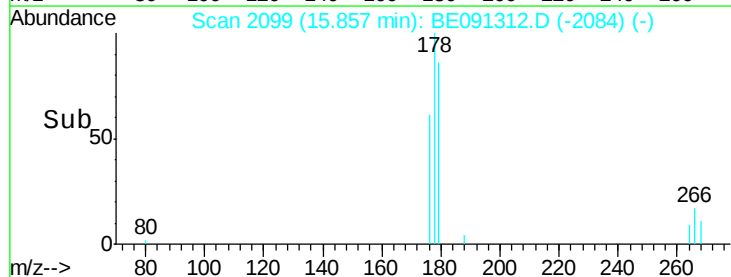
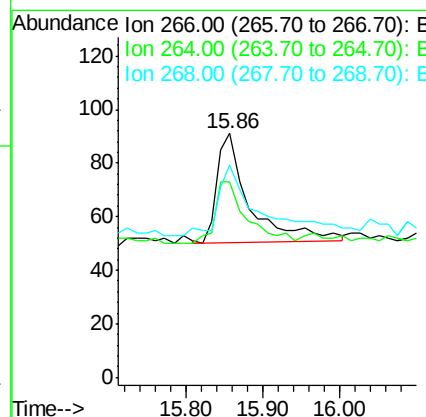
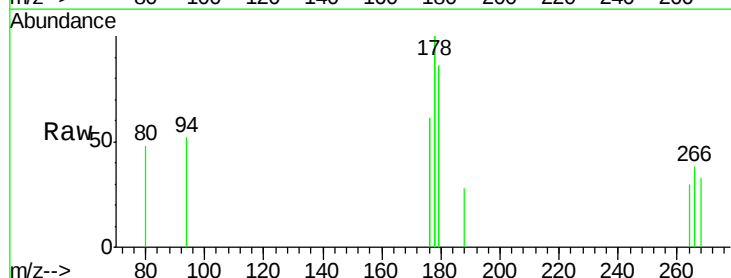
Instrument :
 BNA_E
 ClientSampleId :
 A4J70RXDL

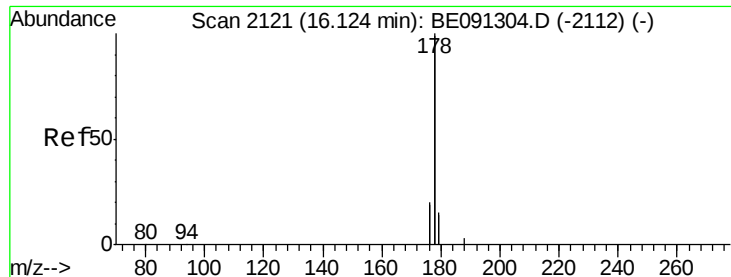
Tgt Ion:166 Resp: 926
 Ion Ratio Lower Upper
 166 100
 165 99.4 87.6 131.4
 167 30.0 11.1 16.7#



#13
Pentachlorophenol
 Concen: 0.09 ng/ul
 RT: 15.86 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BE091312.D
 Acq: 23 Nov 2015 22:36

Tgt Ion:266 Resp: 121
 Ion Ratio Lower Upper
 266 100
 264 55.4 53.5 80.3
 268 79.3 54.2 81.2





#14

Phenanthrene

Concen: 0.53 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

A4J70RXDL

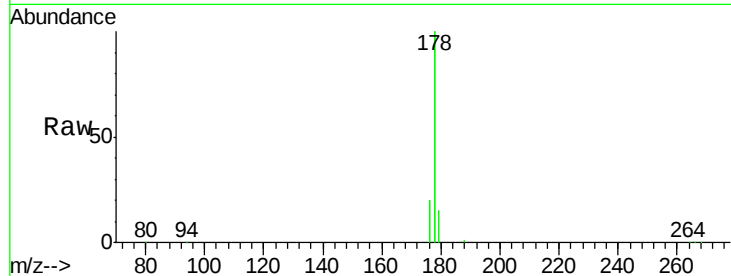
Tgt Ion:178 Resp: 82915

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

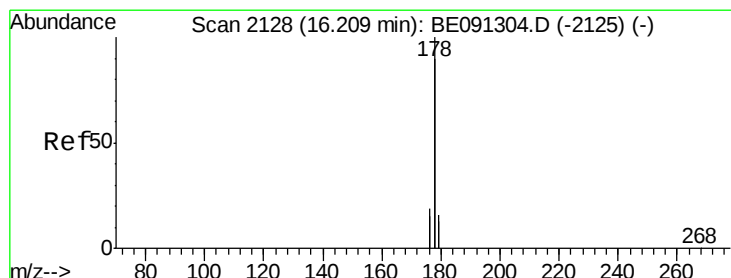
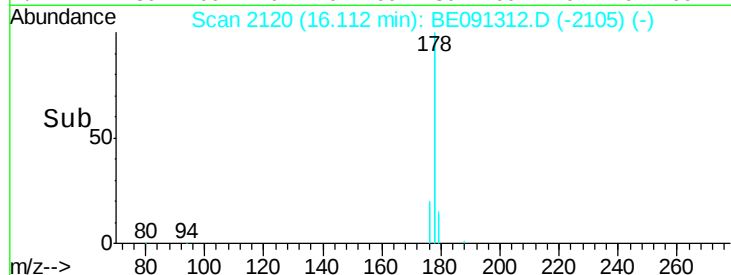
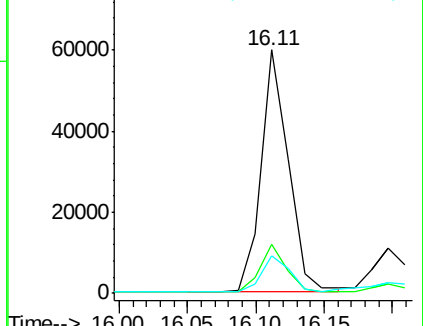
179 15.3 12.8 19.2



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: 0.58 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.10 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

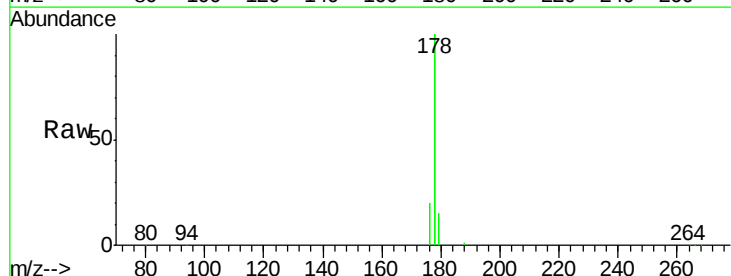
Tgt Ion:178 Resp: 82915

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

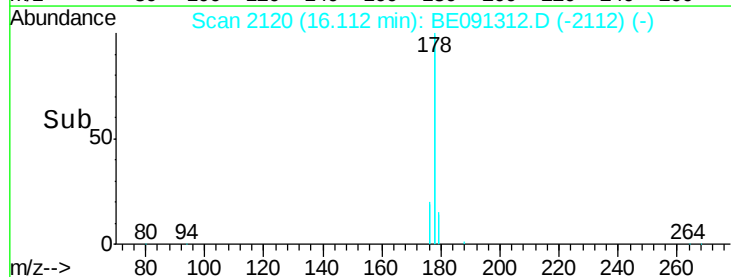
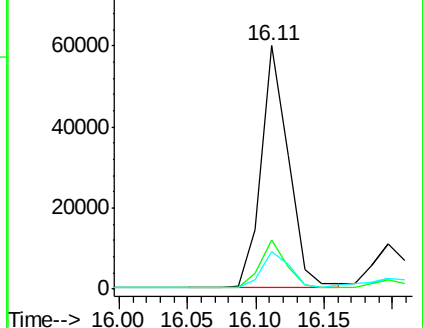
179 15.3 13.3 19.9

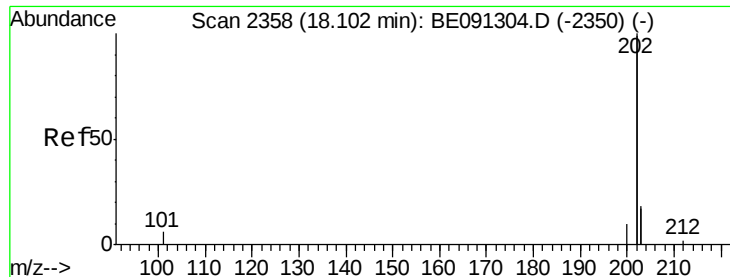


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

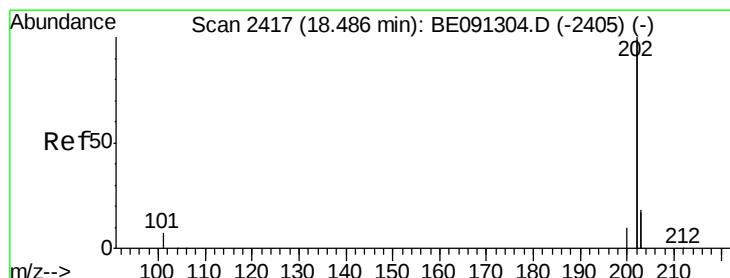
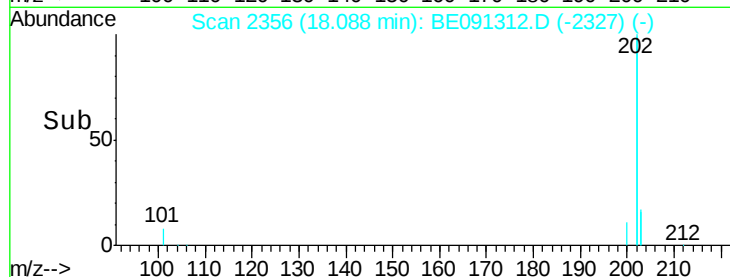
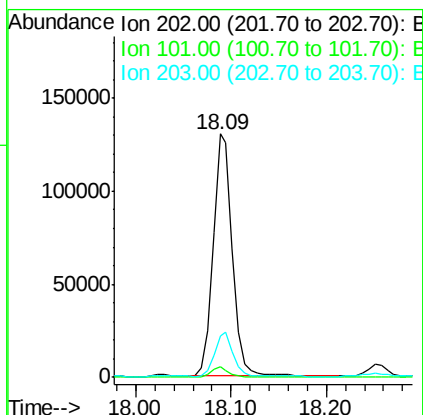
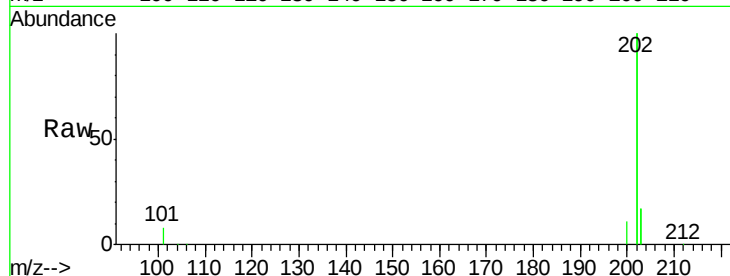




#17
Fluoranthene
 Concen: 1.00 ng/ul
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091312.D
 Acq: 23 Nov 2015 22:36

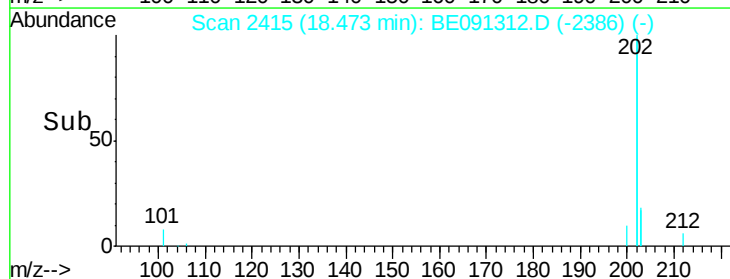
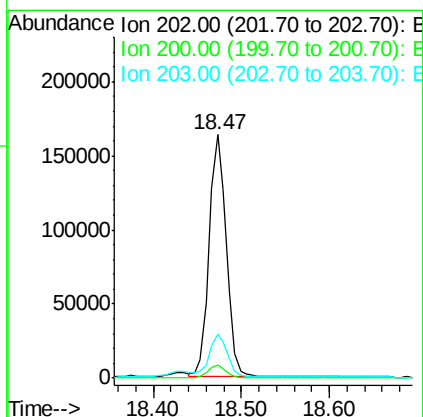
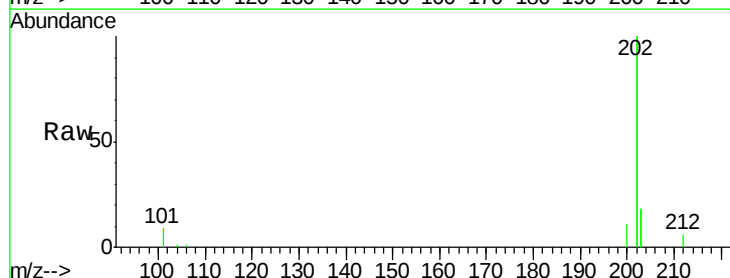
Instrument :
 BNA_E
 ClientSampleId :
 A4J70RXDL

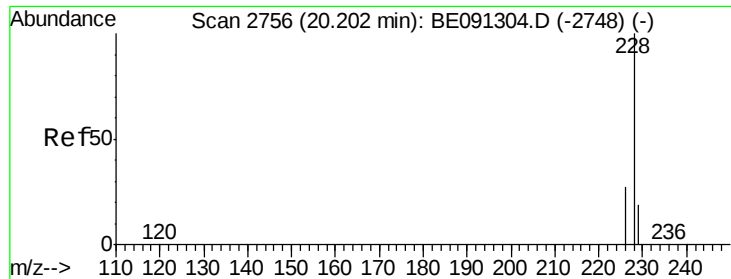
Tgt Ion:202 Resp: 184520
 Ion Ratio Lower Upper
 202 100
 101 4.2 0.0 33.1
 203 17.0 0.0 37.2



#19
Pyrene
 Concen: 1.19 ng/ul
 RT: 18.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BE091312.D
 Acq: 23 Nov 2015 22:36

Tgt Ion:202 Resp: 222520
 Ion Ratio Lower Upper
 202 100
 200 5.3 18.0 27.0#
 203 18.1 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.78 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. 0.05 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

A4J70RXDL

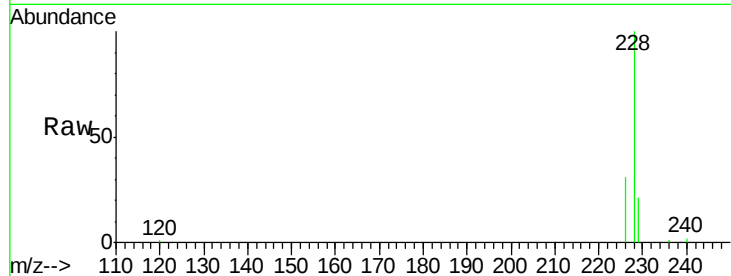
Tgt Ion:228 Resp: 32959

Ion Ratio Lower Upper

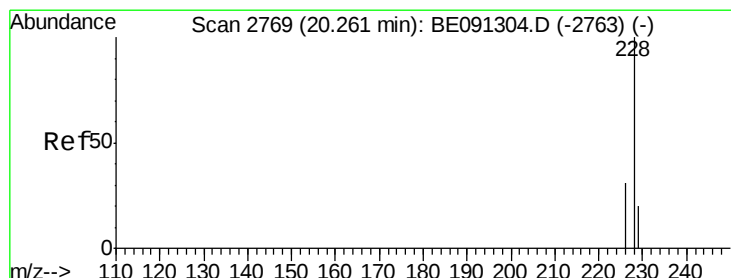
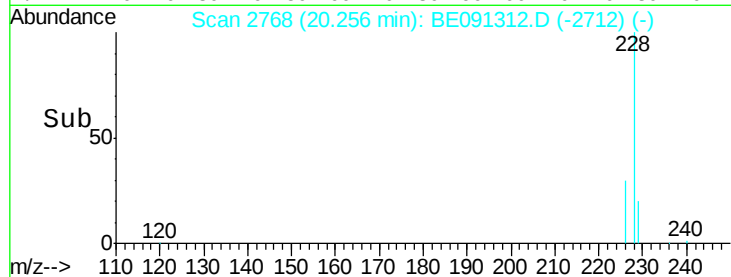
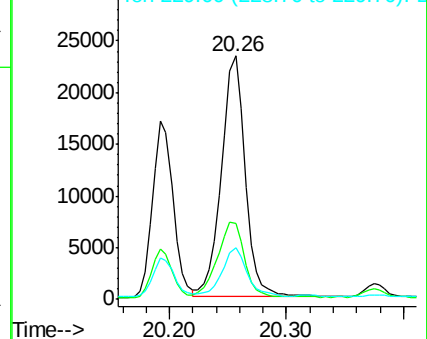
228 100

226 31.2 23.0 34.4

229 21.1 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: 0.69 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

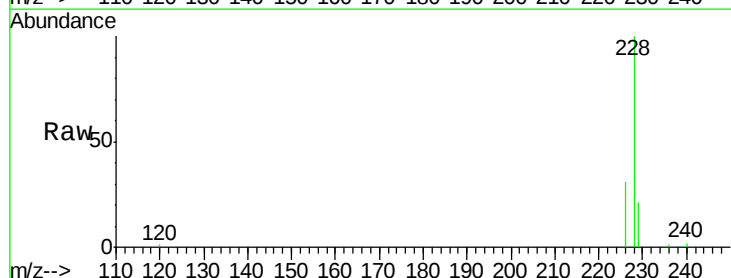
Tgt Ion:228 Resp: 33598

Ion Ratio Lower Upper

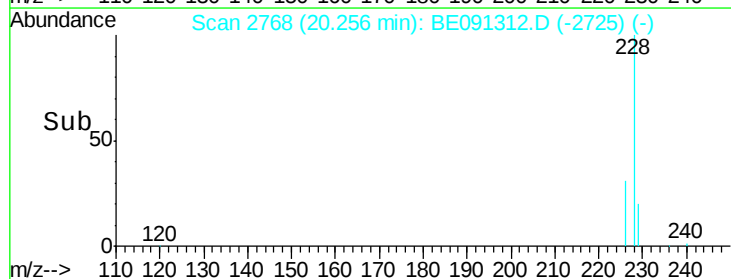
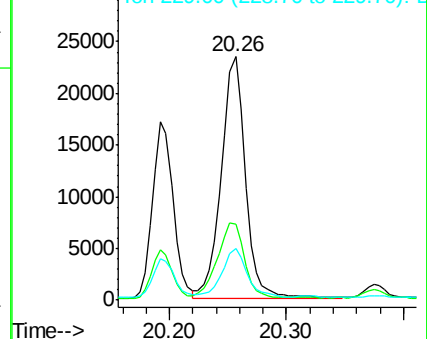
228 100

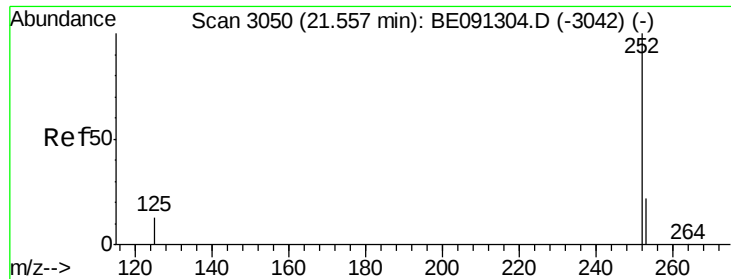
226 31.2 25.7 38.5

229 21.1 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: 0.43 ng/u1

RT: 21.55 min Scan# 3049

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

A4J70RXDL

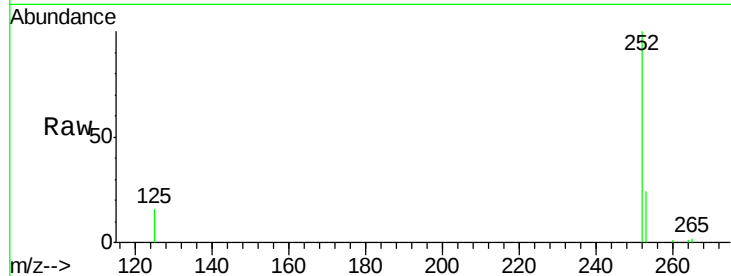
Tgt Ion:252 Resp: 22290

Ion Ratio Lower Upper

252 100

253 23.6 0.0 48.0

125 15.7 0.0 36.6

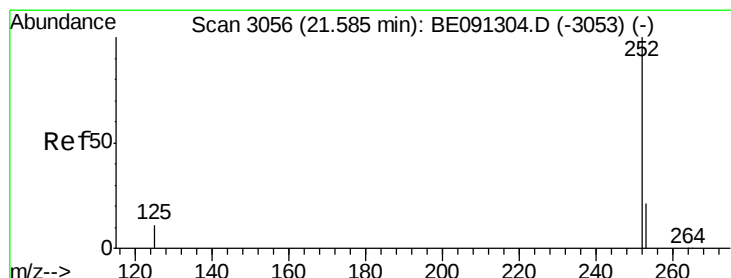
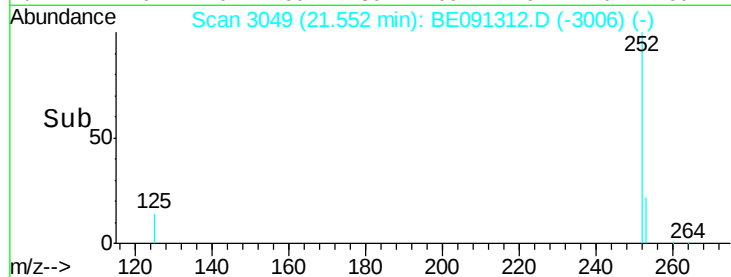
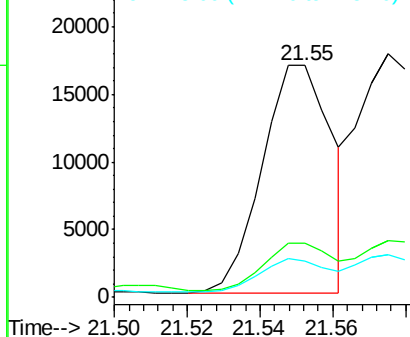


Abundance

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: 0.46 ng/u1

RT: 21.58 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

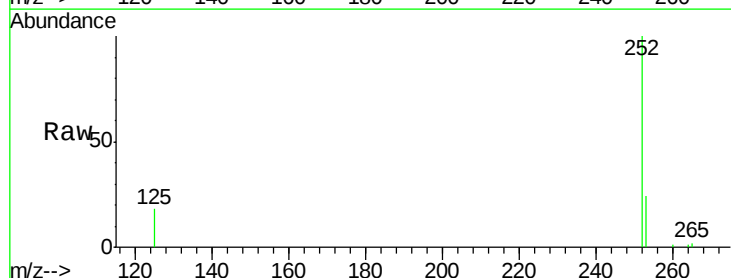
Tgt Ion:252 Resp: 24458

Ion Ratio Lower Upper

252 100

253 23.5 20.8 31.2

125 17.5 12.2 18.4

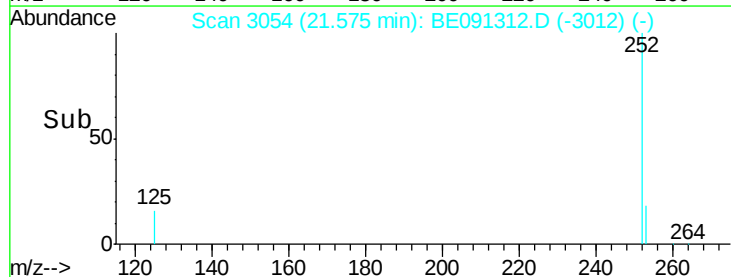
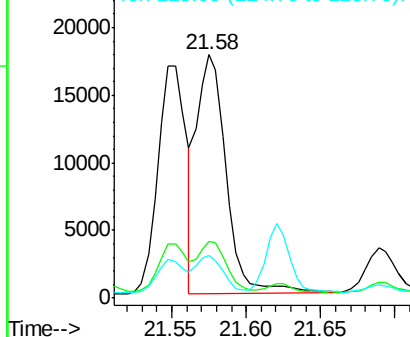


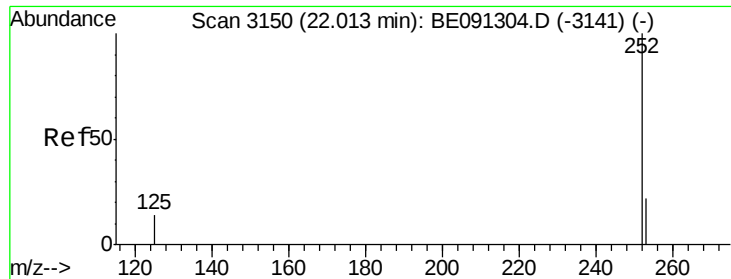
Abundance

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: 0.53 ng/ul

RT: 22.01 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

Instrument :

BNA_E

ClientSampleId :

A4J70RXDL

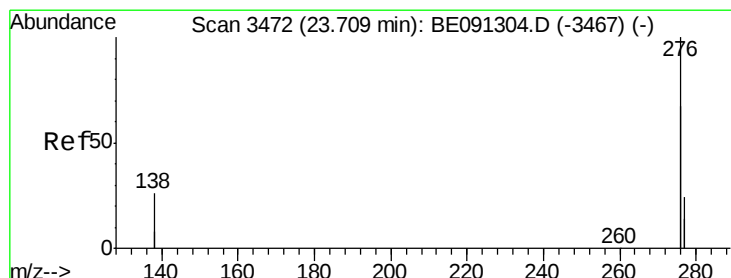
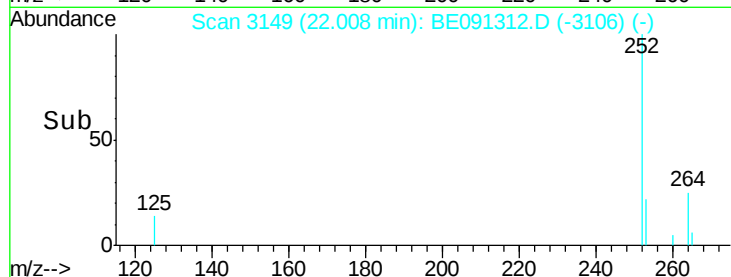
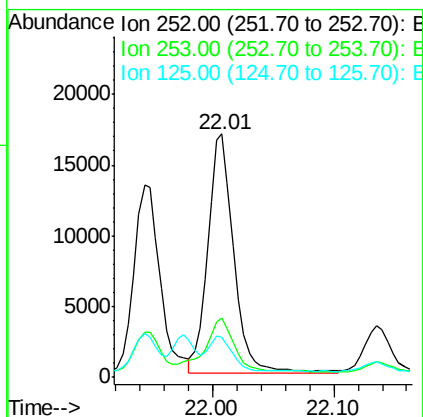
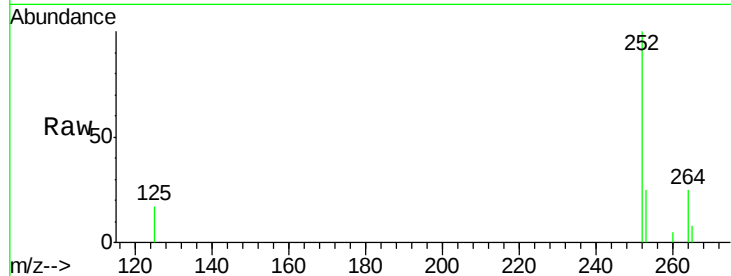
Tgt Ion:252 Resp: 25143

Ion Ratio Lower Upper

252 100

253 24.5 21.8 32.8

125 16.7 14.5 21.7



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.32 ng/ul

RT: 23.70 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BE091312.D

Acq: 23 Nov 2015 22:36

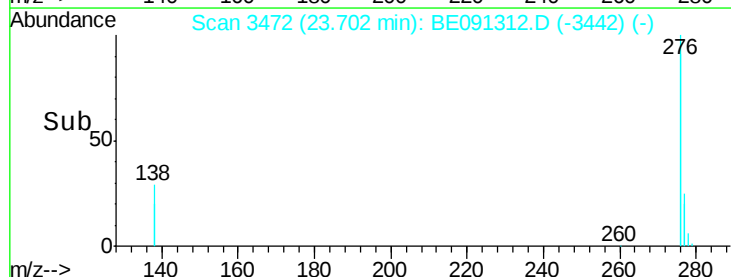
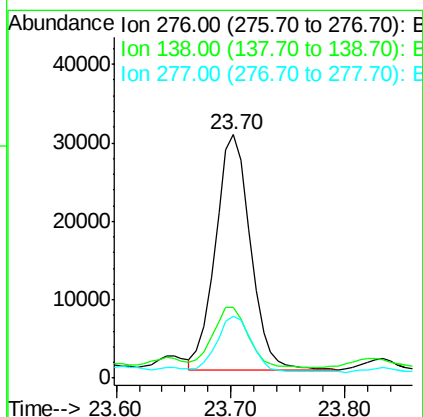
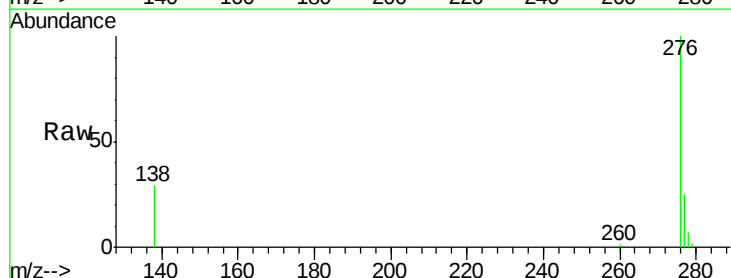
Tgt Ion:276 Resp: 63611

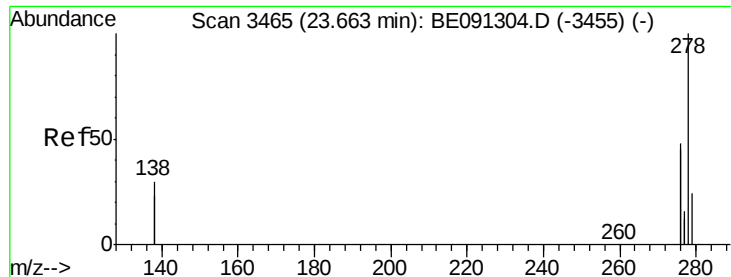
Ion Ratio Lower Upper

276 100

138 25.6 27.5 41.3#

277 23.8 19.3 28.9

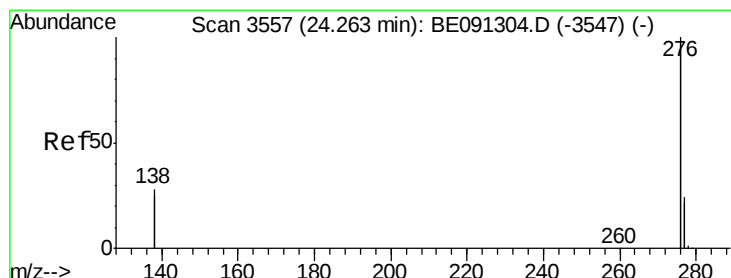
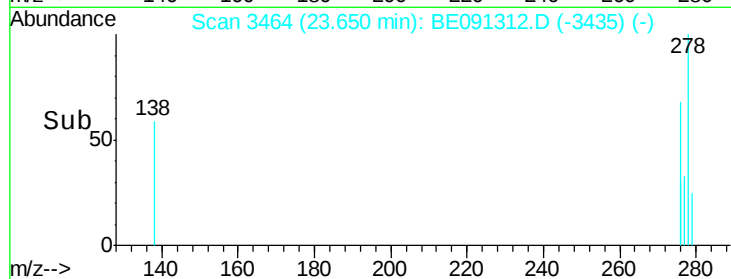
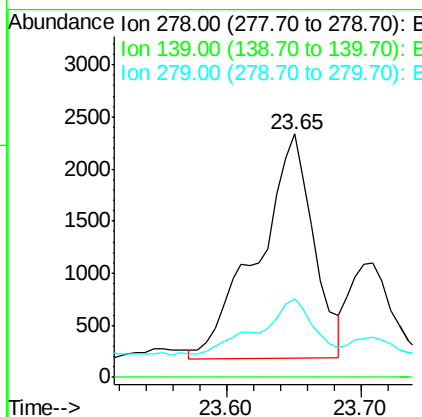
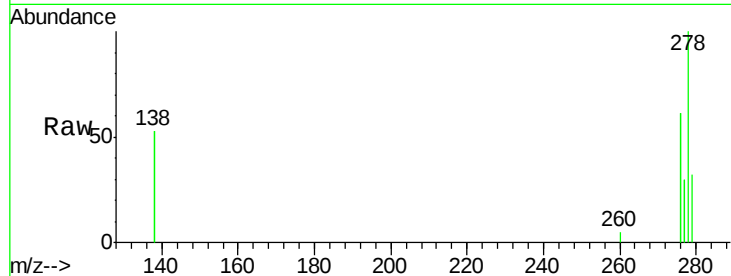




#27
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 23.65 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BE091312.D
Acq: 23 Nov 2015 22:36

Instrument :
BNA_E
ClientSampleId :
A4J70RXDL

Tgt Ion: 278 Resp: 6185
Ion Ratio Lower Upper
278 100
139 0.0 21.7 32.5#
279 32.4 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 0.32 ng/ul
RT: 24.26 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BE091312.D
Acq: 23 Nov 2015 22:36

Tgt Ion: 276 Resp: 68294
Ion Ratio Lower Upper
276 100
277 25.9 21.3 31.9
138 29.9 25.5 38.3

