

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
 Data File : BE089749.D
 Acq On : 5 Mar 2015 18:10
 Operator : TP/JJ
 Sample : MDL-07-S
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 06 09:41:03 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 04 14:17:55 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	4271	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	18093	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7946	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	13675	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	6003	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	2852	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.64	96	10048	1.79	ng/uL	0.01
6) 2-Methylnaphthalene-d10	13.87	152	2	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.70	212	5	0.00	ng/ul	0.00

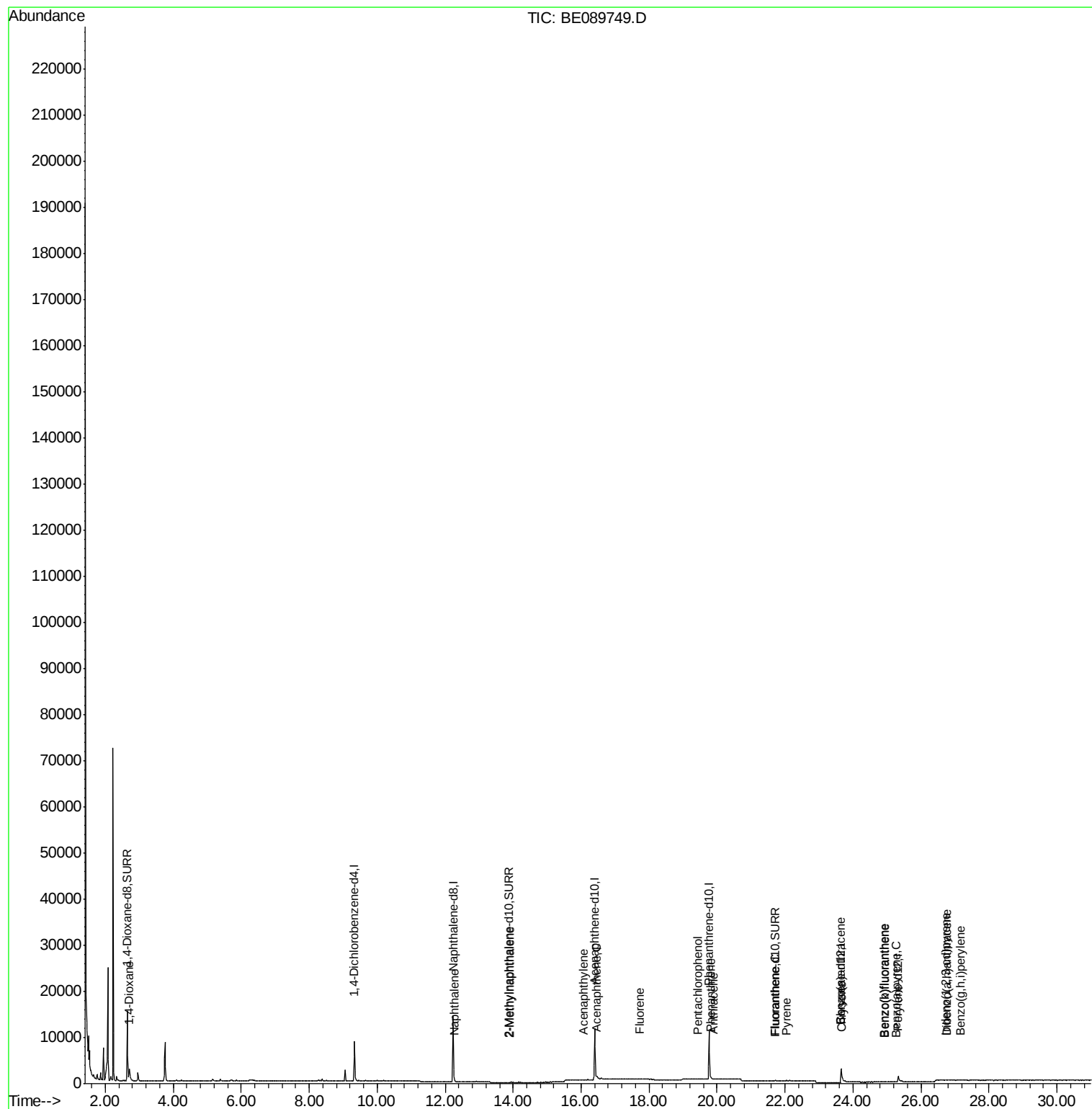
Target Compounds

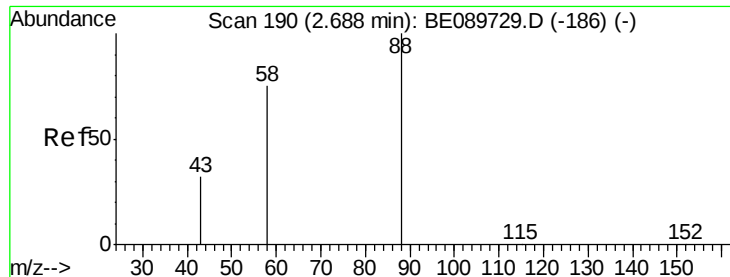
					Qvalue
3) 1,4-Dioxane	2.71	88	2168	0.33	ng/ul# 82
5) Naphthalene	12.28	128	43	0.00	ng/ul# 1
7) 2-Methylnaphthalene	13.88	142	1	0.00	ng/ul 83
9) Acenaphthylene	16.06	152	118	0.00	ng/ul# 1
10) Acenaphthene	16.46	153	368	0.00	ng/ul# 42
11) Fluorene	17.74	166	76	0.00	ng/ul# 61
13) Pentachlorophenol	19.45	266	28	0.05	ng/ul# 86
14) Phenanthrene	19.81	178	253	0.00	ng/ul# 1
15) Anthracene	19.91	178	143	0.00	ng/ul# 1
17) Fluoranthene	21.72	202	159	0.00	ng/ul# 1
19) Pyrene	22.04	202	168	0.00	ng/ul# 1
20) Benzo(a)anthracene	23.64	228	19	0.00	ng/ul# 1
21) Chrysene	23.68	228	5	0.00	ng/ul# 1
23) Benzo(b)fluoranthene	24.92	252	10	0.00	ng/ul# 1
24) Benzo(k)fluoranthene	24.94	252	13	0.00	ng/ul# 1
25) Benzo(a)pyrene	25.26	252	8	0.00	ng/ul# 1
26) Indeno(1,2,3-cd)pyrene	26.73	276	11	0.00	ng/ul# 1
27) Dibenzo(a,h)anthracene	26.75	278	2	0.00	ng/ul# 1
28) Benzo(g,h,i)perylene	27.16	276	30	0.00	ng/ul# 1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089749.D
Acq On : 5 Mar 2015 18:10
Operator : TP/JJ
Sample : MDL-07-S
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 06 09:41:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 14:17:55 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.33 ng/ul

RT: 2.71 min Scan# 193

Delta R.T. 0.02 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

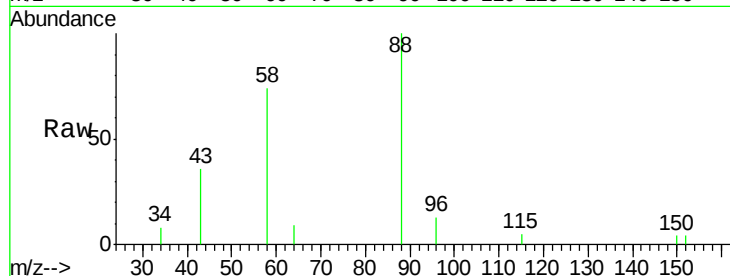
Tgt Ion: 88 Resp: 2168

Ion Ratio Lower Upper

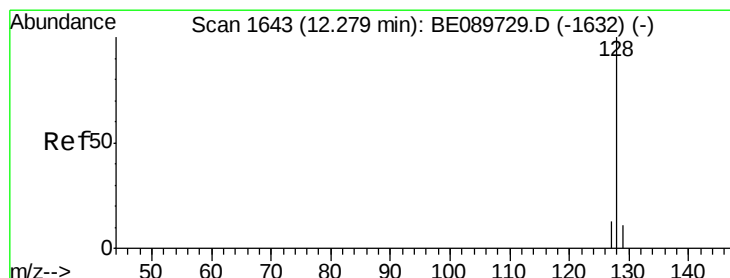
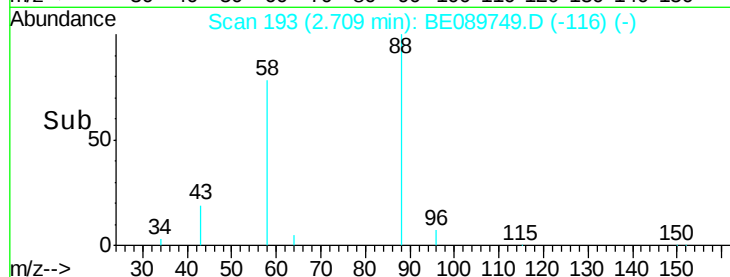
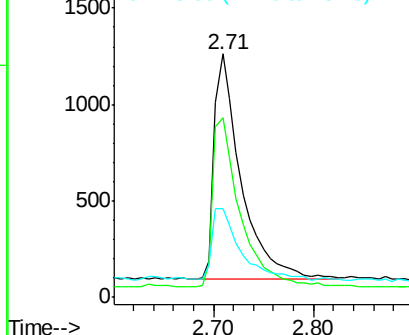
88 100

58 77.1 61.3 91.9

43 0.0 26.1 39.1#



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



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 12.28 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

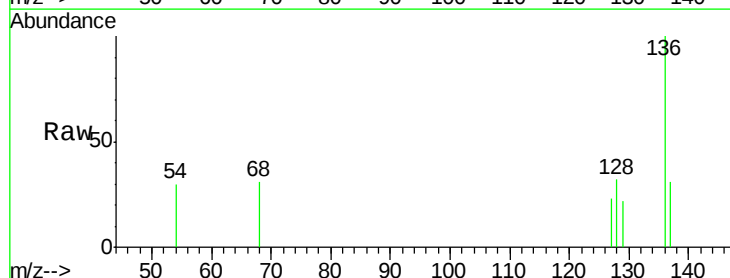
Tgt Ion: 128 Resp: 43

Ion Ratio Lower Upper

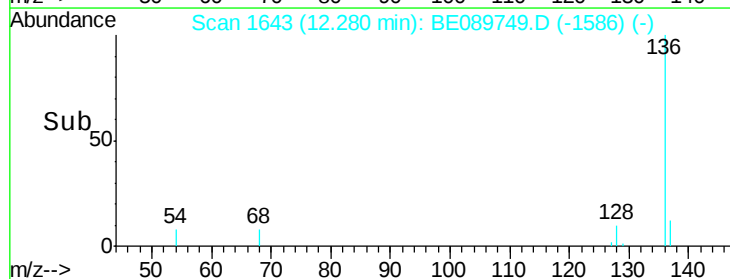
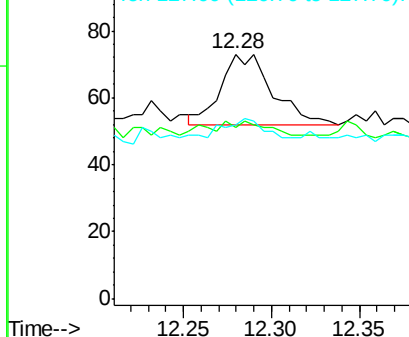
128 100

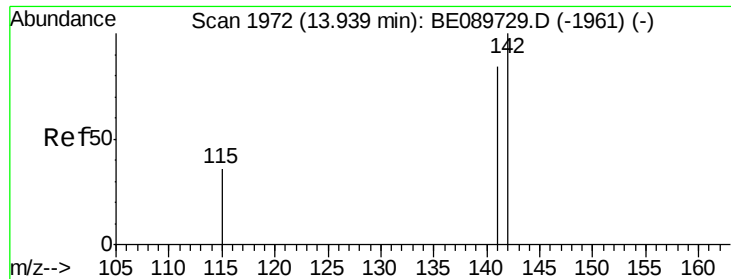
129 69.9 9.0 13.6#

127 71.2 10.2 15.4#



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





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 13.88 min Scan# 1960

Delta R.T. -0.06 min

Lab File: BE089749.D

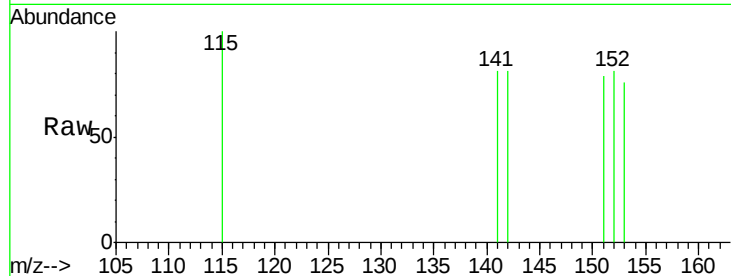
Acq: 5 Mar 2015 18:10

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

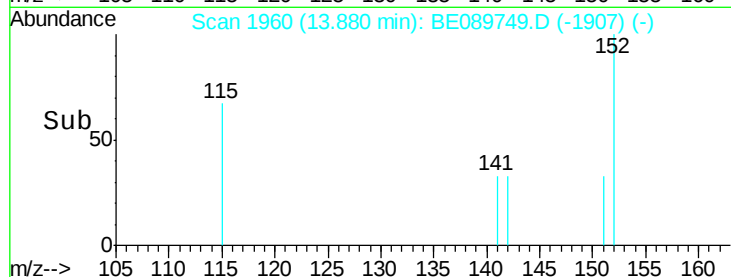
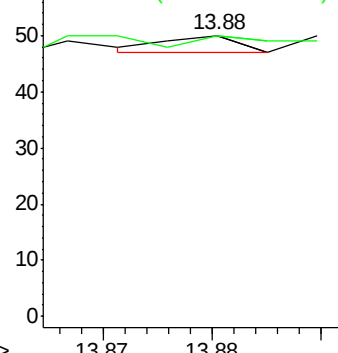
142 100

141 100.0 67.4 101.0

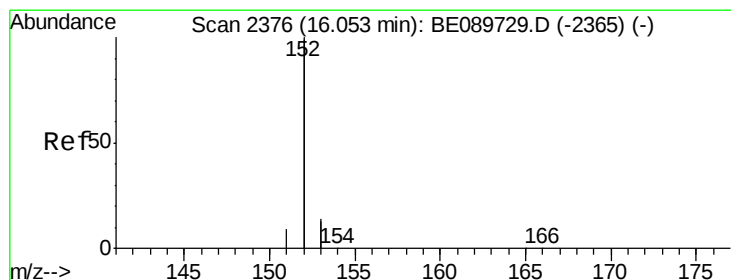


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 13.87 13.88



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 16.06 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

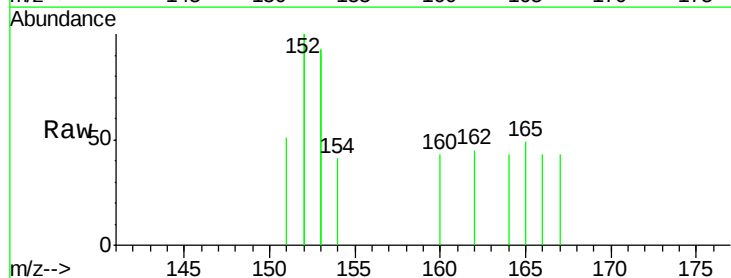
Tgt Ion:152 Resp: 118

Ion Ratio Lower Upper

152 100

151 25.4 3.8 5.8#

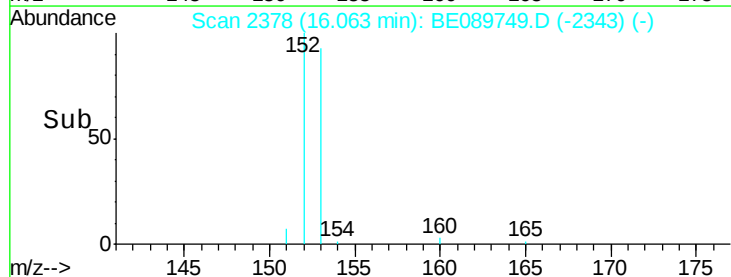
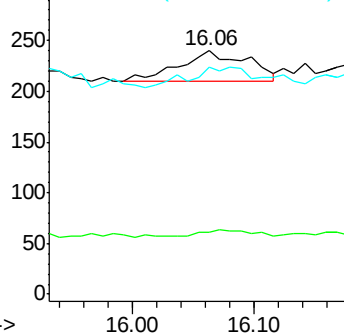
153 93.3 11.4 17.0#



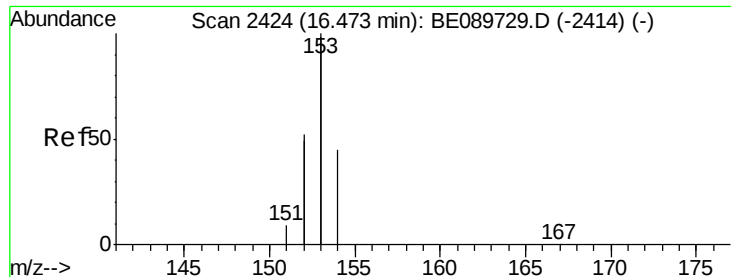
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 16.00 16.10



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 16.46 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

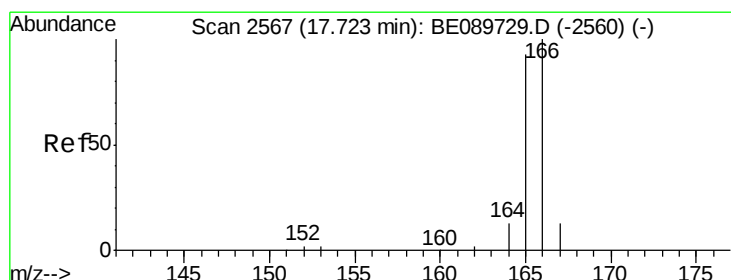
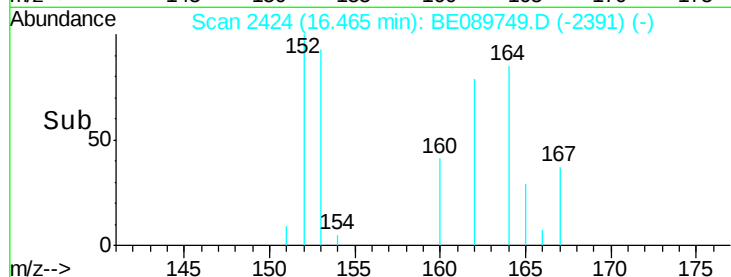
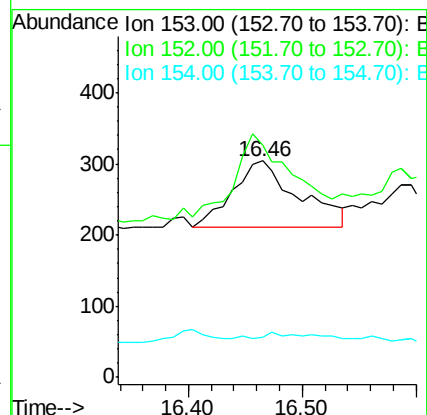
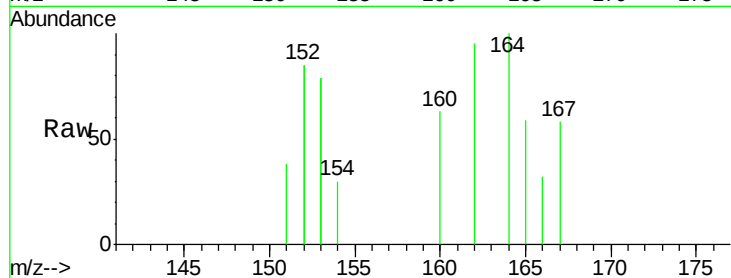
Tgt Ion:153 Resp: 368

Ion Ratio Lower Upper

153 100

152 107.2 41.2 61.8#

154 18.8 18.2 27.2



#11

Fluorene

Concen: 0.00 ng/ul

RT: 17.74 min Scan# 2570

Delta R.T. 0.02 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

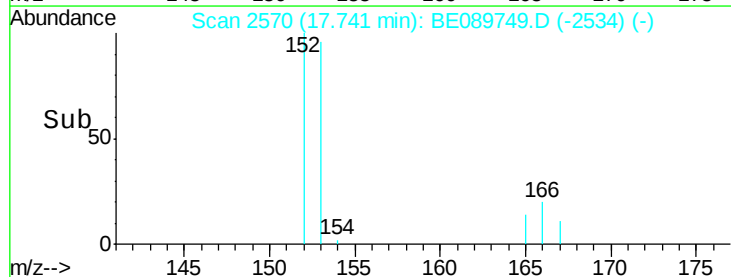
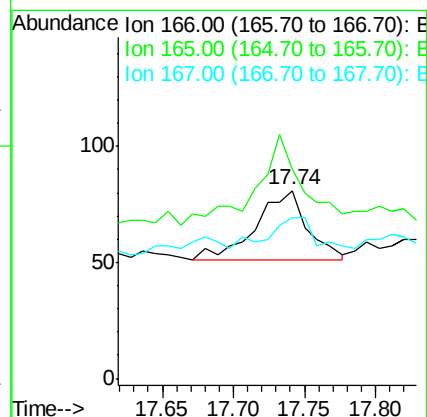
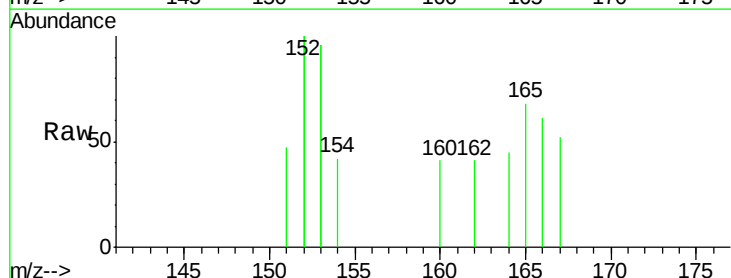
Tgt Ion:166 Resp: 76

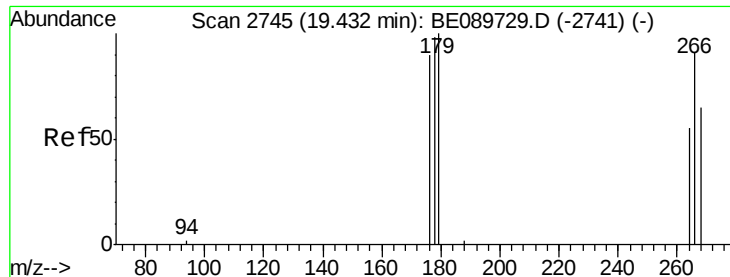
Ion Ratio Lower Upper

166 100

165 111.1 74.9 112.3

167 85.2 11.5 17.3#

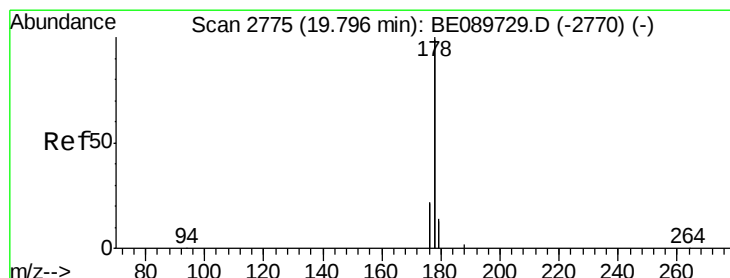
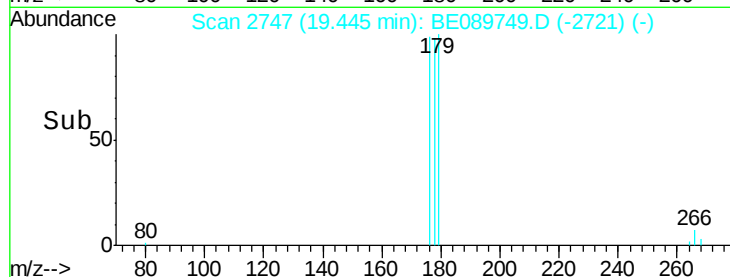
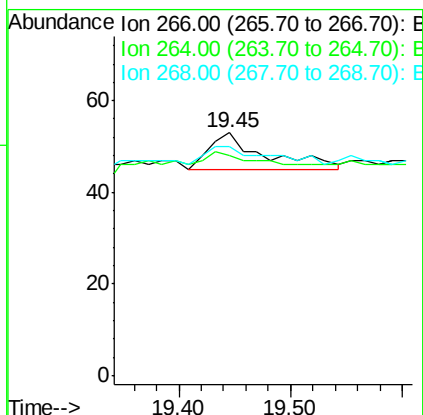
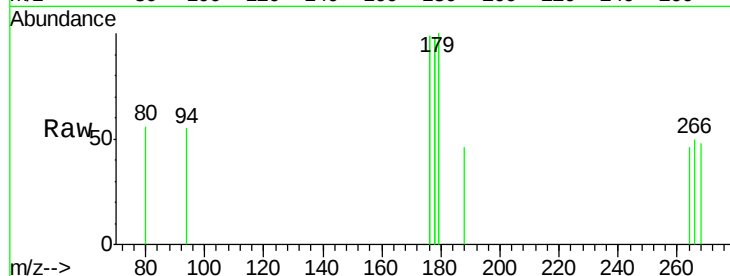




#13
 Pentachlorophenol
 Concen: 0.05 ng/ul
 RT: 19.45 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BE089749.D
 Acq: 5 Mar 2015 18:10

Tgt Ion: 266 Resp: 28

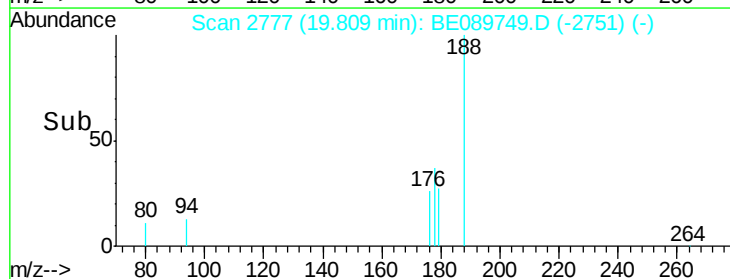
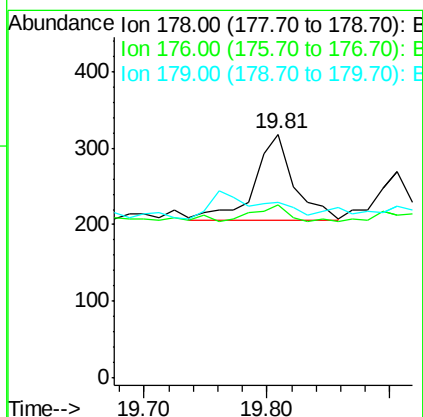
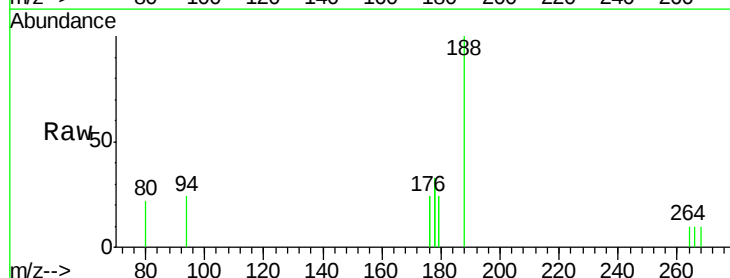
Ion	Ratio	Lower	Upper
266	100		
264	46.4	49.4	74.2#
268	53.6	47.9	71.9

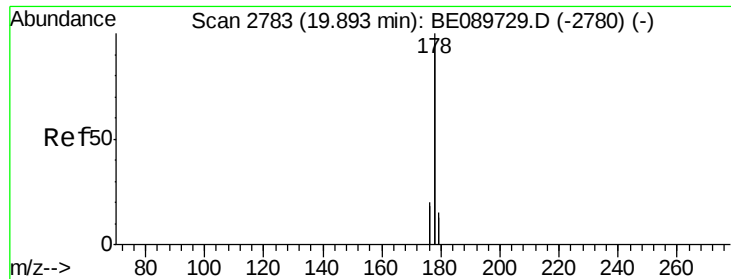


#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 19.81 min Scan# 2777
 Delta R.T. 0.01 min
 Lab File: BE089749.D
 Acq: 5 Mar 2015 18:10

Tgt Ion: 178 Resp: 253

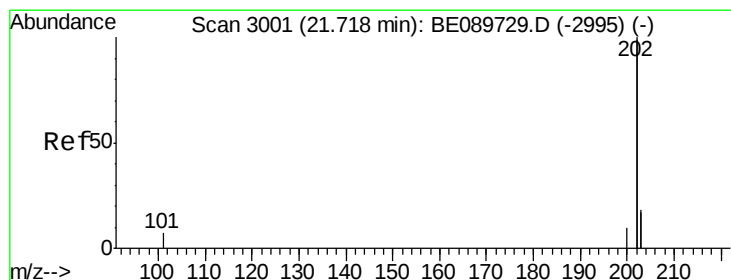
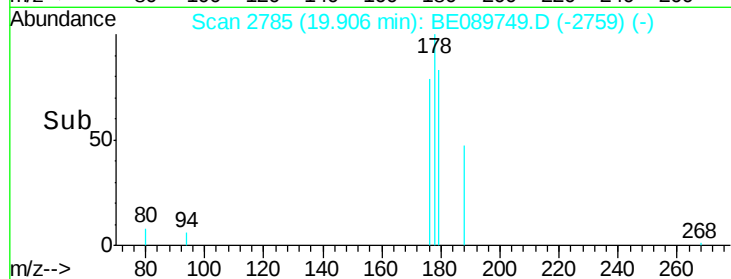
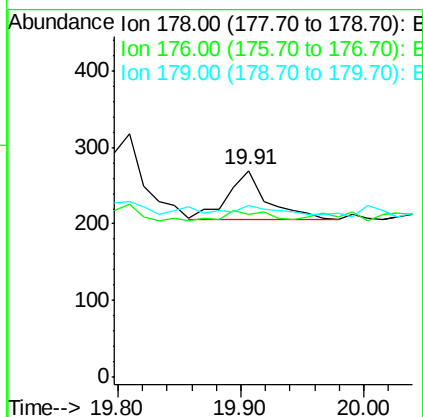
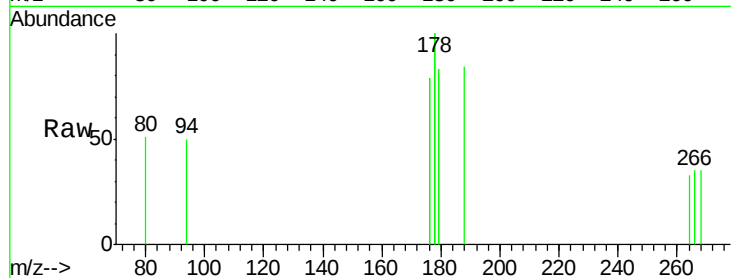
Ion	Ratio	Lower	Upper
178	100		
176	71.1	17.6	26.4#
179	72.3	11.6	17.4#





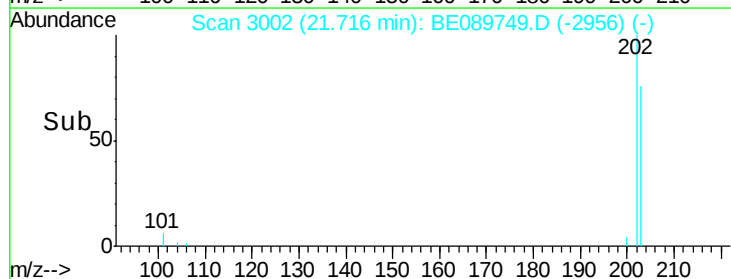
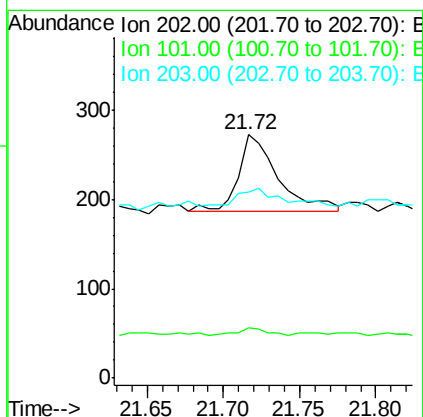
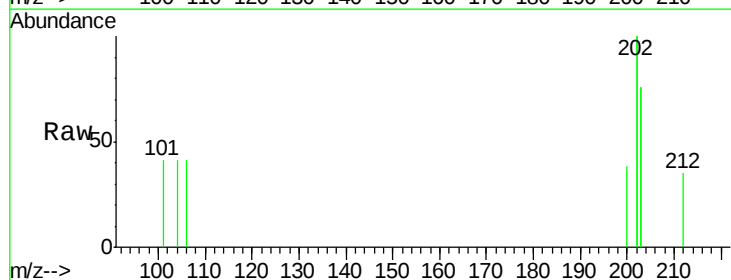
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 19.91 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BE089749.D
 Acq: 5 Mar 2015 18:10

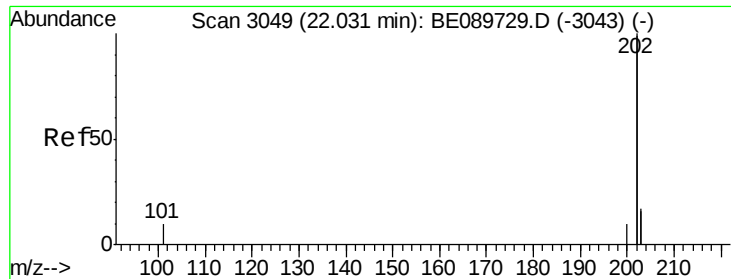
Tgt Ion:178 Resp: 143
 Ion Ratio Lower Upper
 178 100
 176 78.5 15.8 23.6#
 179 83.0 12.0 18.0#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 21.72 min Scan# 3002
 Delta R.T. 0.00 min
 Lab File: BE089749.D
 Acq: 5 Mar 2015 18:10

Tgt Ion:202 Resp: 159
 Ion Ratio Lower Upper
 202 100
 101 20.6 0.0 24.2
 203 76.5 0.0 37.0#





#19

Pyrene

Concen: 0.00 ng/ul

RT: 22.04 min Scan# 3051

Delta R.T. 0.01 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

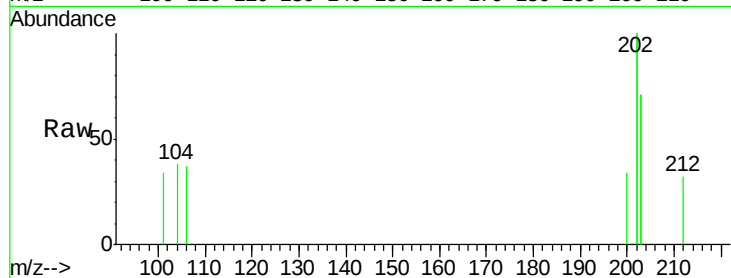
Tgt Ion: 202 Resp: 168

Ion Ratio Lower Upper

202 100

200 17.0 4.4 6.6#

203 71.4 13.6 20.4#



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

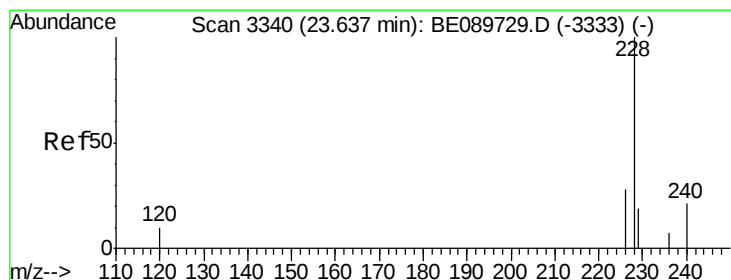
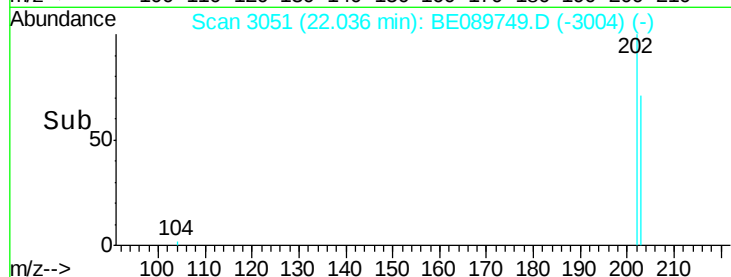
22.04

200

100

0

Time-->



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 23.64 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

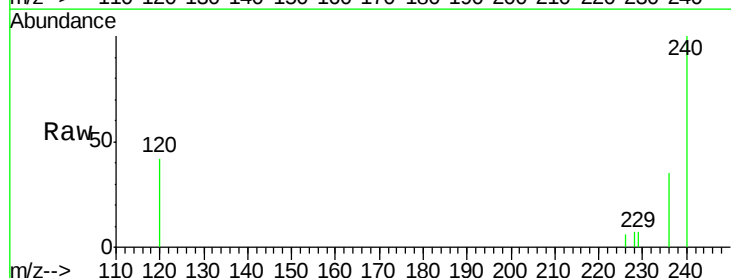
Tgt Ion: 228 Resp: 19

Ion Ratio Lower Upper

228 100

226 84.5 22.8 34.2#

229 89.7 16.2 24.2#



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

23.64

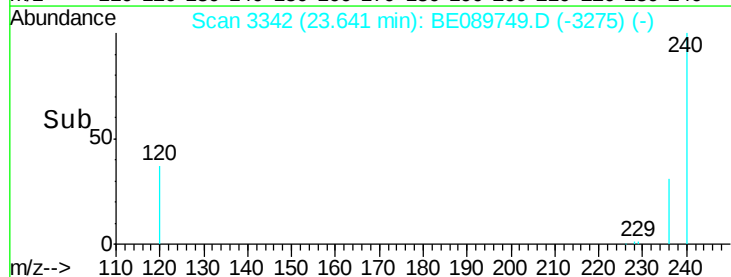
60

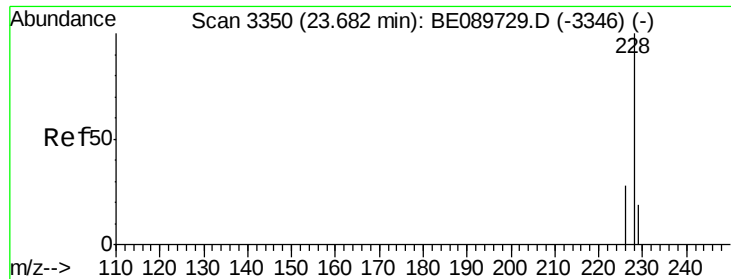
40

20

0

Time-->





#21

Chrysene

Concen: 0.00 ng/ul

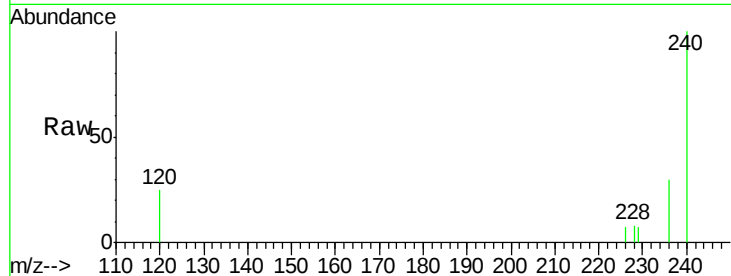
RT: 23.68 min Scan# 3351

Delta R.T. -0.00 min

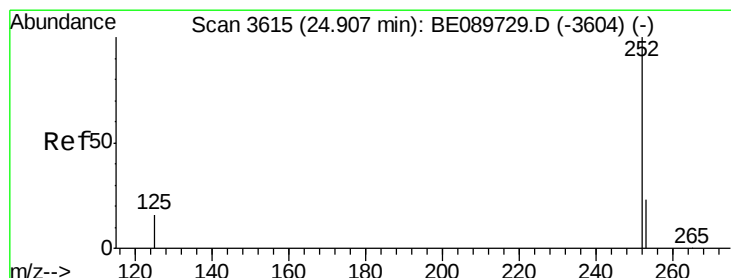
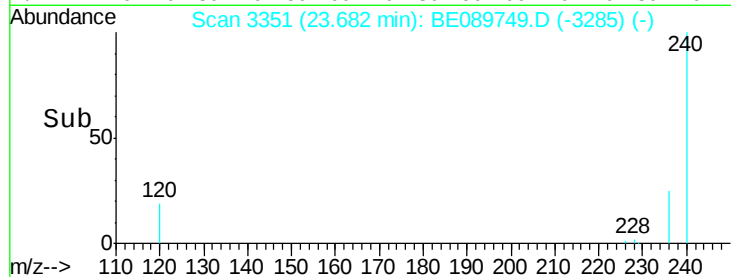
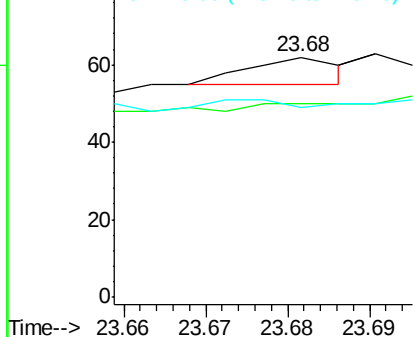
Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

Tgt Ion:	228	Resp:	5
Ion	Ratio	Lower	Upper
228	100		
226	80.6	23.7	35.5#
229	79.0	15.5	23.3#



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: 0.00 ng/ul

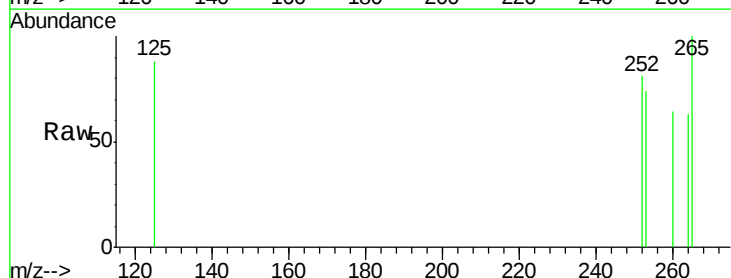
RT: 24.92 min Scan# 3619

Delta R.T. 0.02 min

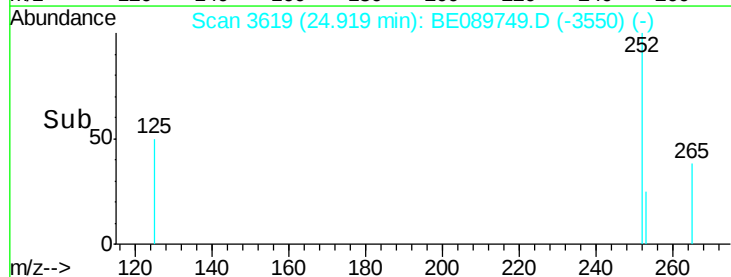
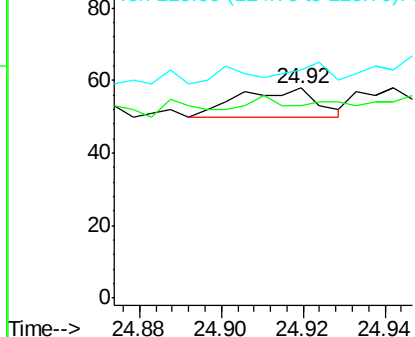
Lab File: BE089749.D

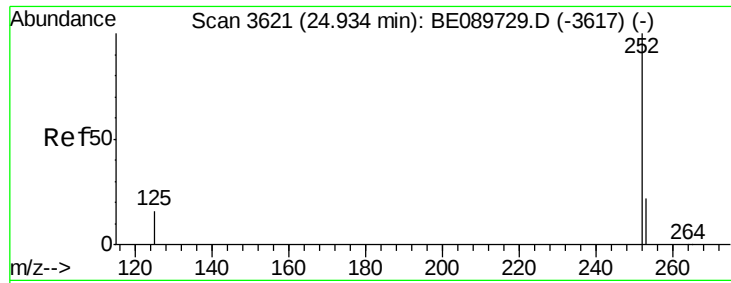
Acq: 5 Mar 2015 18:10

Tgt Ion:	252	Resp:	10
Ion	Ratio	Lower	Upper
252	100		
253	91.4	0.0	47.0#
125	108.6	0.0	37.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

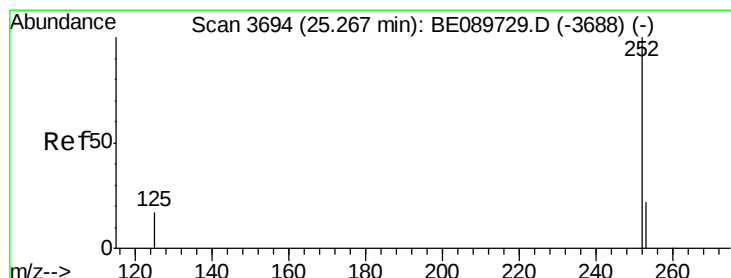
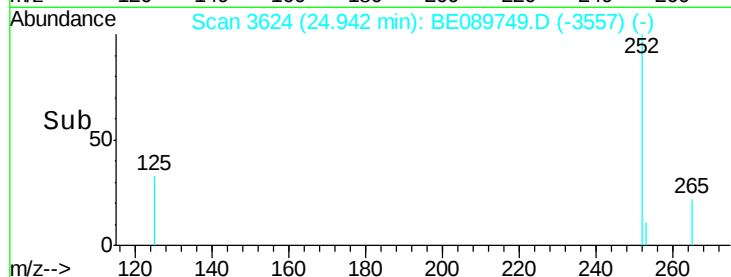
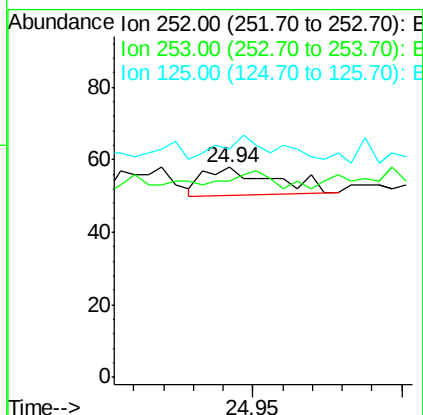
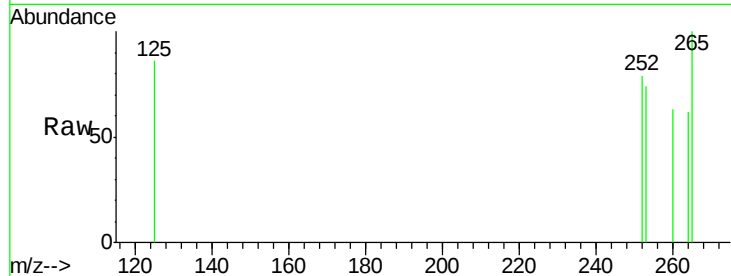
RT: 24.94 min Scan# 3624

Delta R.T. 0.01 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

Tgt Ion:	252	Resp:	13
Ion	Ratio	Lower	Upper
252	100		
253	93.1	18.2	27.4#
125	108.6	14.6	22.0#



#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

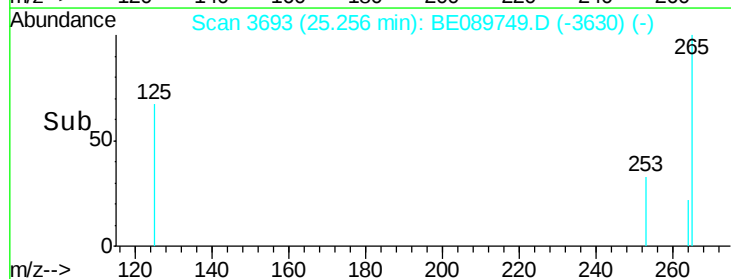
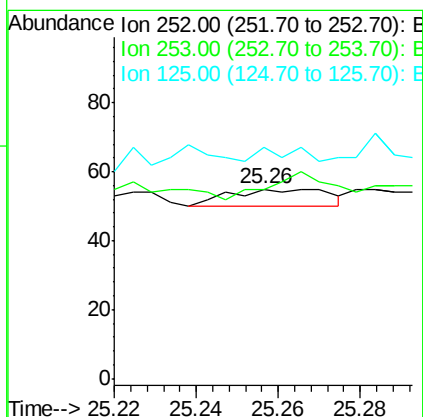
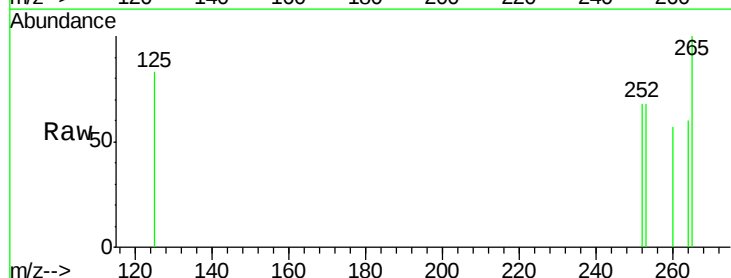
RT: 25.26 min Scan# 3693

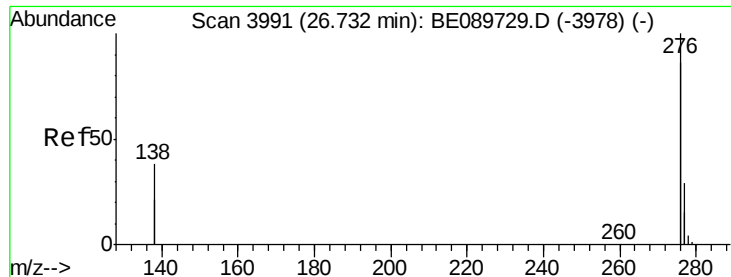
Delta R.T. -0.01 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10

Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	100.0	19.8	29.6#
125	121.8	16.0	24.0#

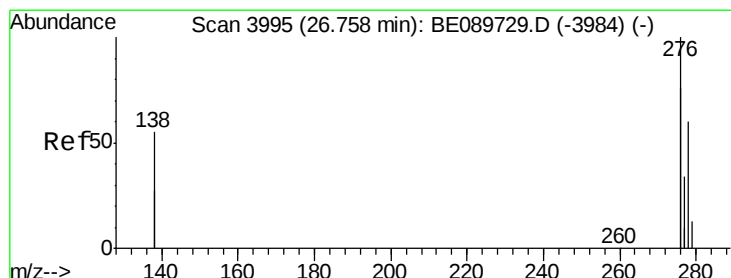
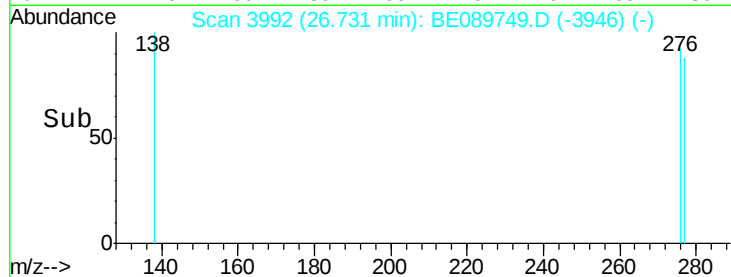
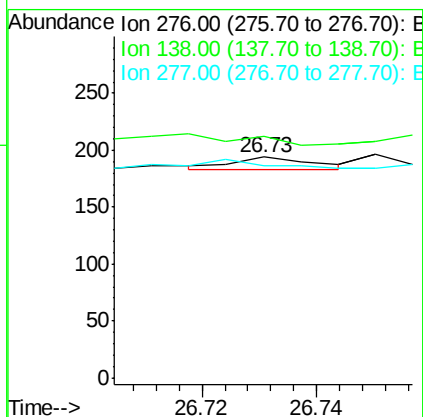
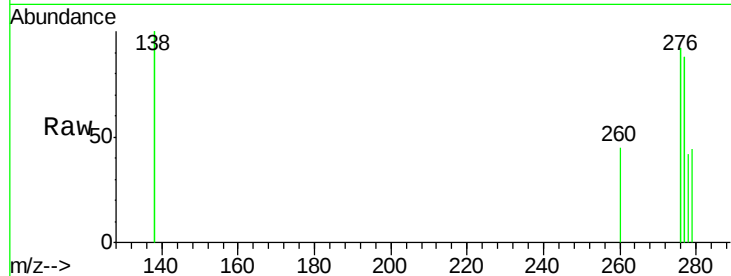




#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.73 min Scan# 3992
Delta R.T. 0.00 min
Lab File: BE089749.D
Acq: 5 Mar 2015 18:10

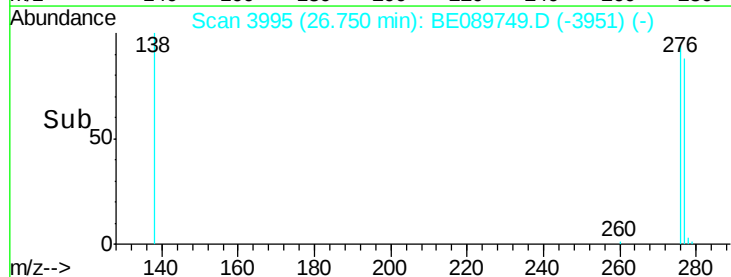
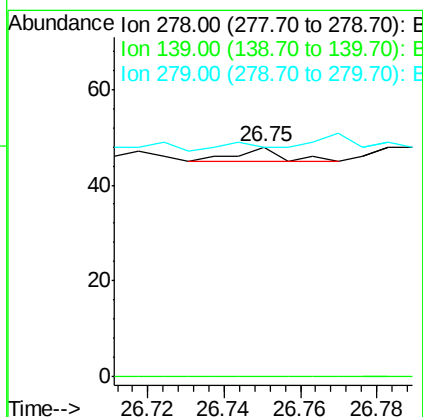
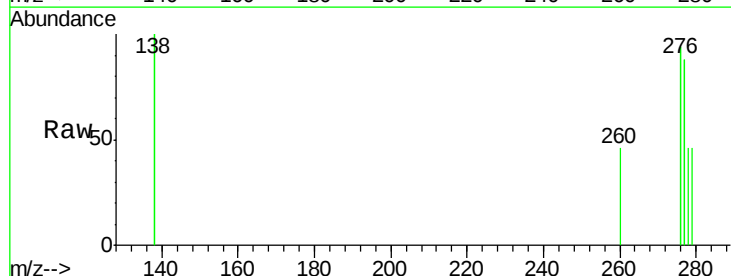
Tgt Ion: 276 Resp: 11
Ion Ratio Lower Upper
276 100
138 245.5 36.8 55.2#
277 127.3 20.6 31.0#

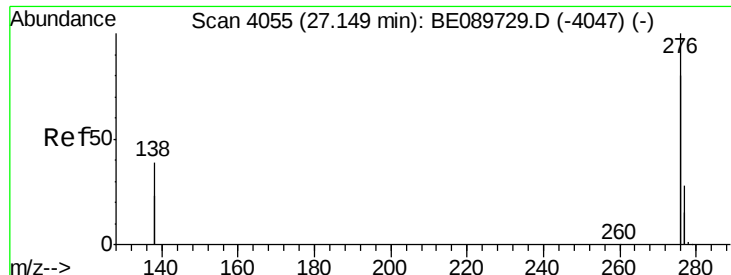


#27

Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.75 min Scan# 3995
Delta R.T. -0.01 min
Lab File: BE089749.D
Acq: 5 Mar 2015 18:10

Tgt Ion: 278 Resp: 2
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 100.0 25.4 38.2#





#28

Benzo(g,h,i)perylene

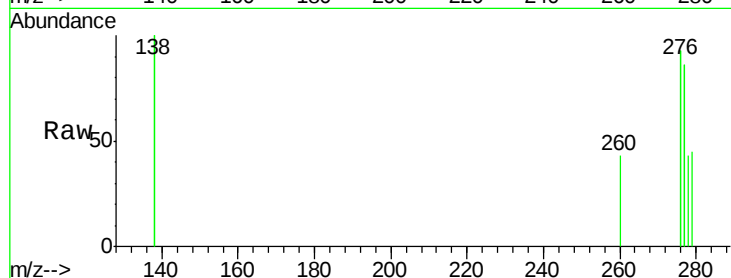
Concen: 0.00 ng/ul

RT: 27.16 min Scan# 4058

Delta R.T. 0.01 min

Lab File: BE089749.D

Acq: 5 Mar 2015 18:10



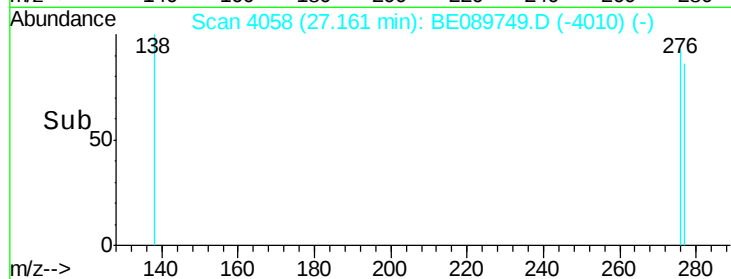
Tgt Ion: 276 Resp: 30

Ion Ratio Lower Upper

276 100

277 92.9 21.4 32.2#

138 108.1 31.4 47.0#



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

