

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090187.D
 Acq On : 20 Jul 2015 22:31
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-WATER-SIM2.2-0.07PPM
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 21 05:22:51 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 21 05:15:45 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	872	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4275	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2506	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6519	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	6149	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4880	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2410	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	6963	0.35	ng/ul	0.00

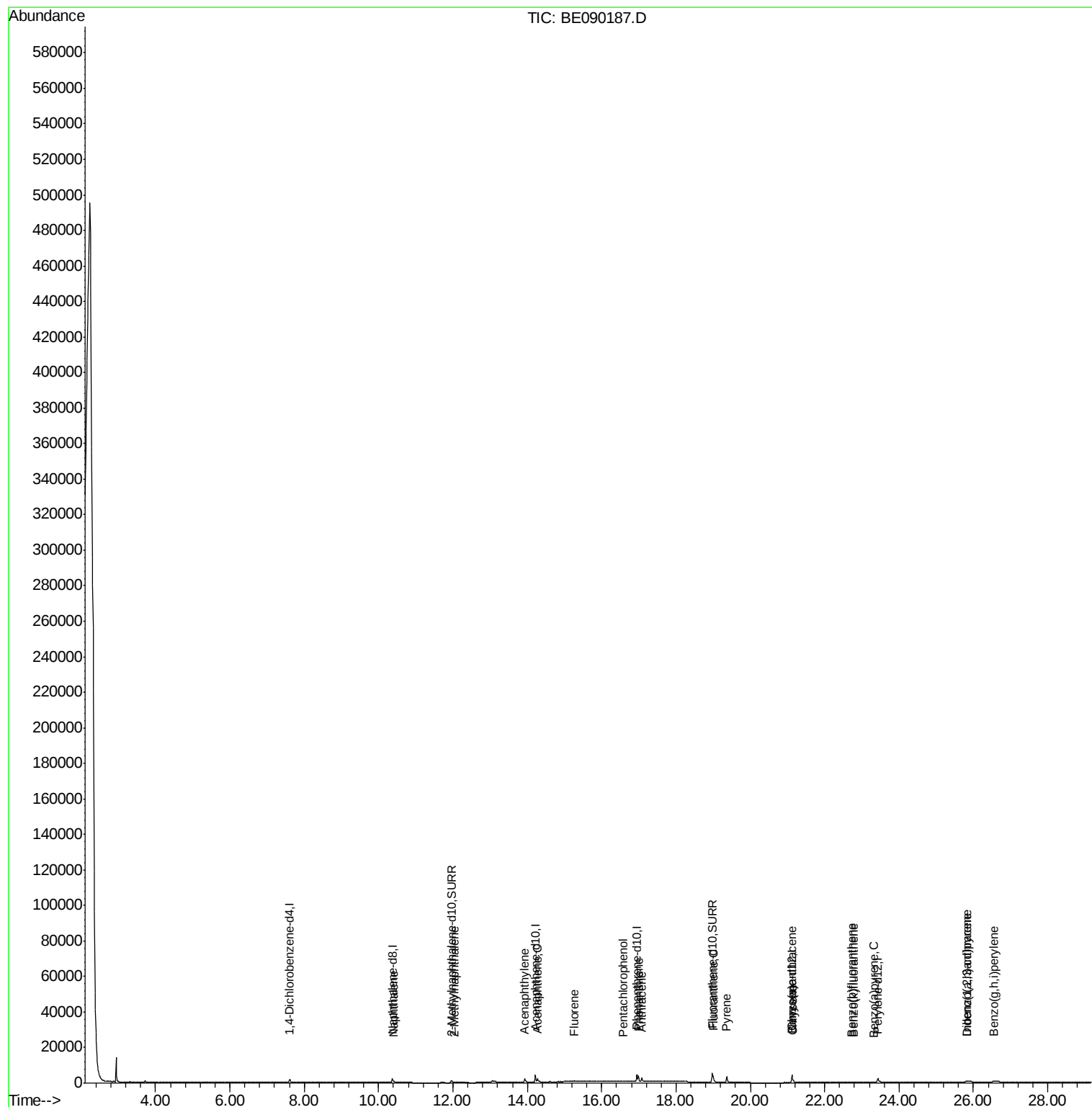
Target Compounds

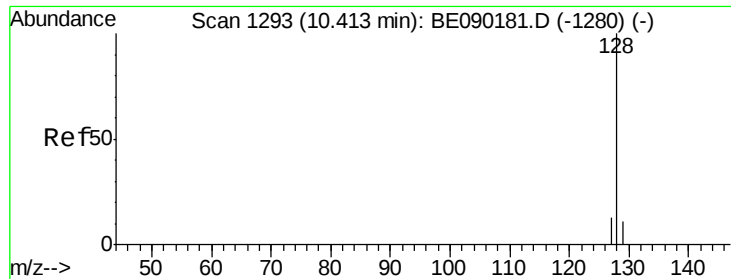
						Qvalue
3) Naphthalene	10.42	128	605	0.05	ng/ul#	73
5) 2-Methylnaphthalene	12.03	142	377	0.05	ng/ul	95
7) Acenaphthylene	13.93	152	2662	0.05	ng/ul#	85
8) Acenaphthene	14.27	153	1880	0.05	ng/ul	92
9) Fluorene	15.27	166	556	0.05	ng/ul#	93
11) Pentachlorophenol	16.59	266	1	0.00	ng/ul#	33
12) Phenanthrene	16.99	178	3925	0.05	ng/ul#	87
13) Anthracene	17.07	178	3772	0.05	ng/ul#	85
15) Fluoranthene	19.00	202	4517	0.05	ng/ul	88
17) Pyrene	19.36	202	4566	0.06	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	658	0.04	ng/ul#	82
19) Chrysene	21.15	228	1079	0.06	ng/ul#	90
21) Benzo(b)fluoranthene	22.73	252	411	0.03	ng/ul#	54
22) Benzo(k)fluoranthene	22.77	252	726	0.04	ng/ul#	59
23) Benzo(a)pyrene	23.32	252	505	0.04	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.83	276	1841	0.03	ng/ul	92
25) Dibenzo(a,h)anthracene	25.84	278	320	0.02	ng/ul#	36
26) Benzo(g,h,i)perylene	26.56	276	2213	0.04	ng/ul#	56

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

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#3

Naphthalene

Concen: 0.05 ng/ul

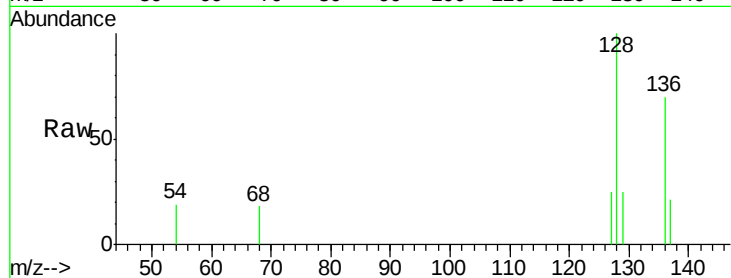
RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

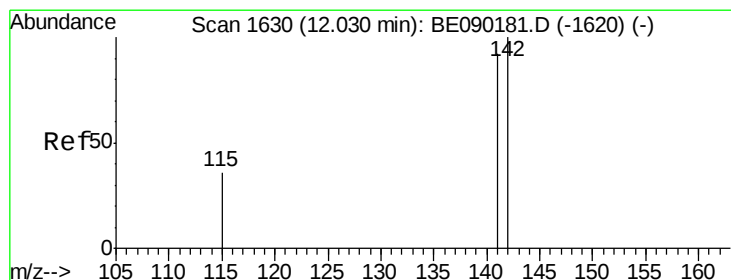
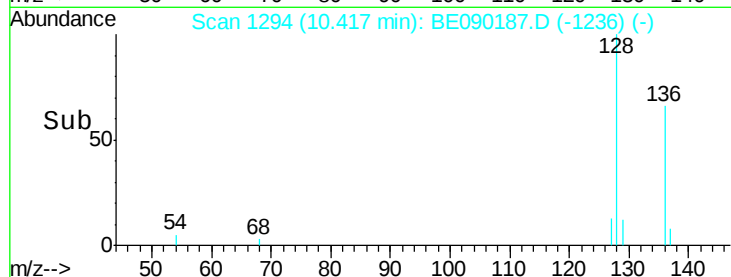
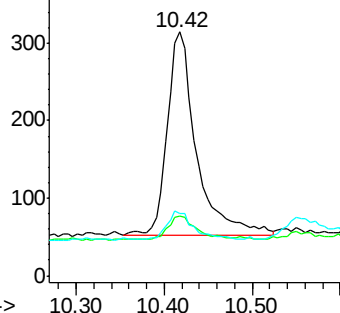
Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

Tgt Ion:	128	Resp:	605
Ion	Ratio	Lower	Upper
128	100		
129	24.5	10.2	15.4#
127	25.5	11.9	17.9#



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



#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

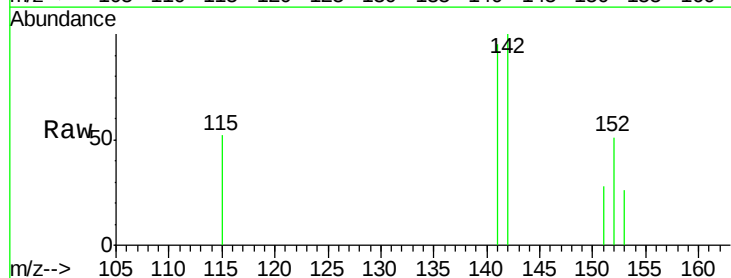
RT: 12.03 min Scan# 1630

Delta R.T. 0.00 min

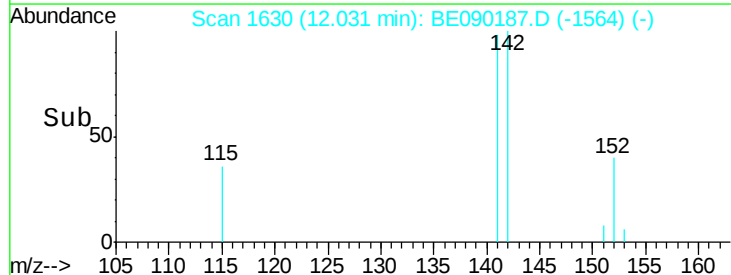
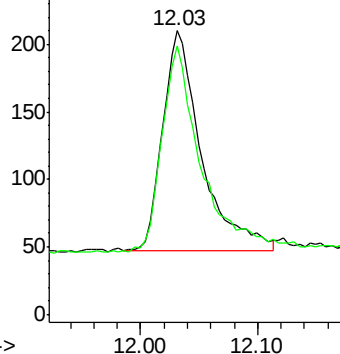
Lab File: BE090187.D

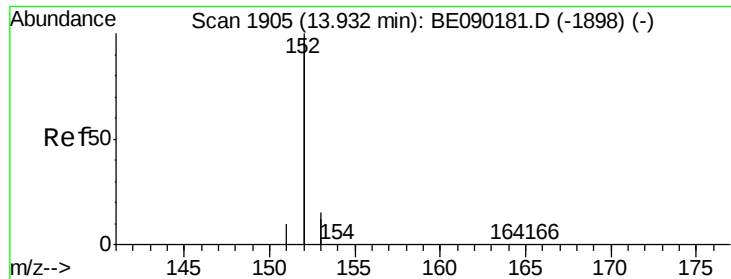
Acq: 20 Jul 2015 22:31

Tgt Ion:	142	Resp:	377
Ion	Ratio	Lower	Upper
142	100		
141	96.6	73.4	110.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

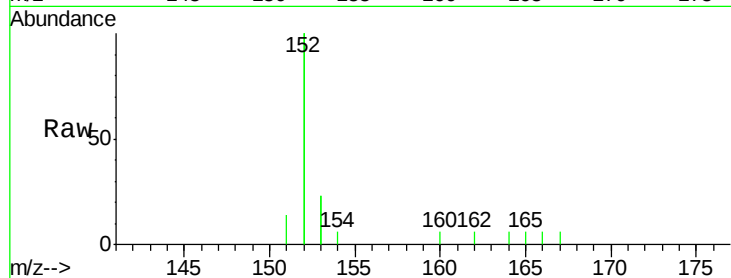
RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

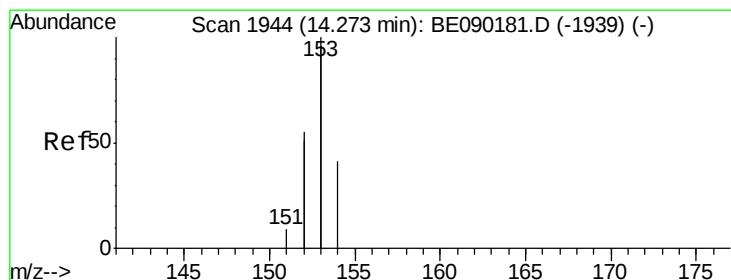
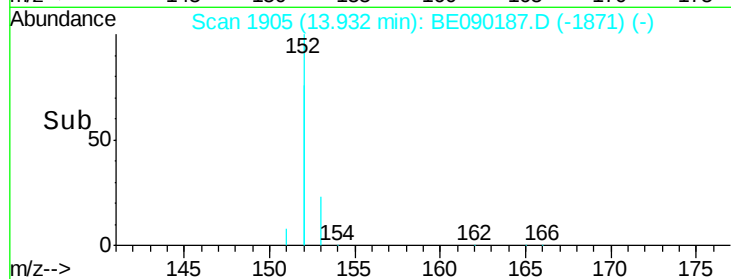
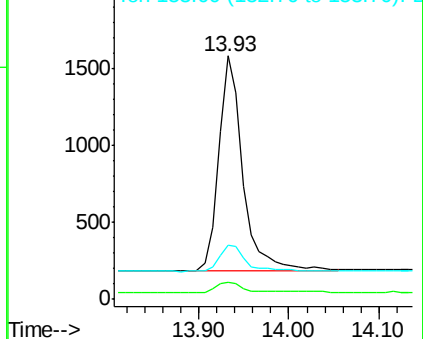
Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

Tgt Ion:	152	Resp:	2662
Ion	Ratio	Lower	Upper
152	100		
151	7.2	4.2	6.4#
153	22.5	11.9	17.9#



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



#8

Acenaphthene

Concen: 0.05 ng/ul

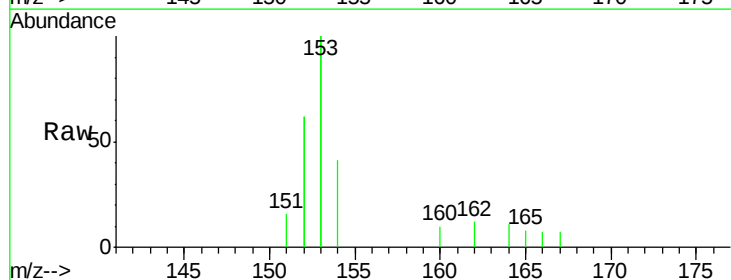
RT: 14.27 min Scan# 1944

Delta R.T. -0.00 min

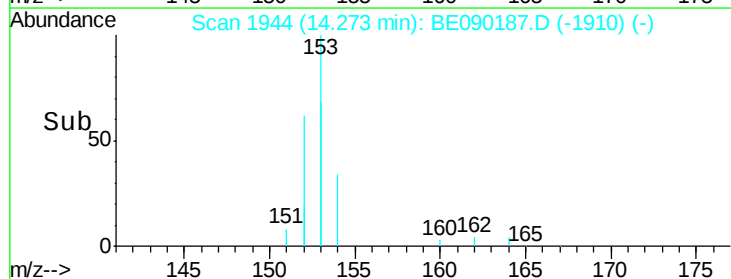
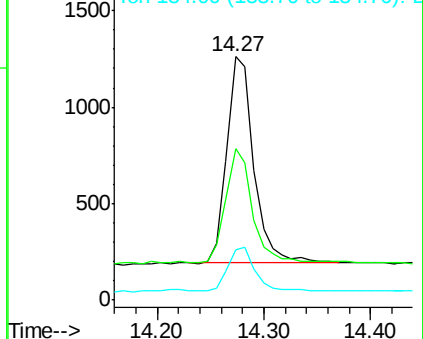
Lab File: BE090187.D

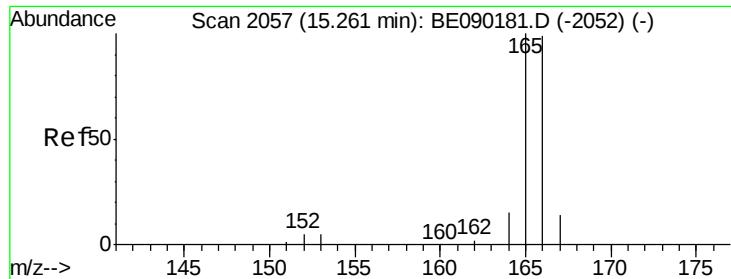
Acq: 20 Jul 2015 22:31

Tgt Ion:	153	Resp:	1880
Ion	Ratio	Lower	Upper
153	100		
152	62.3	43.8	65.8
154	20.4	16.8	25.2



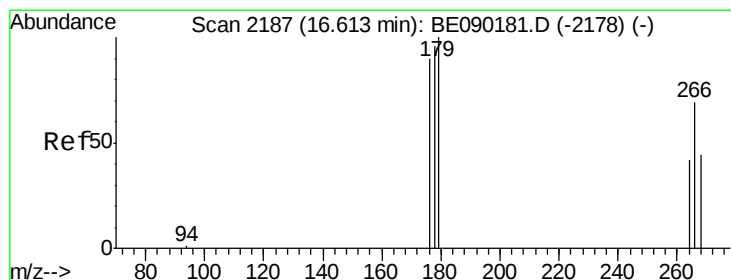
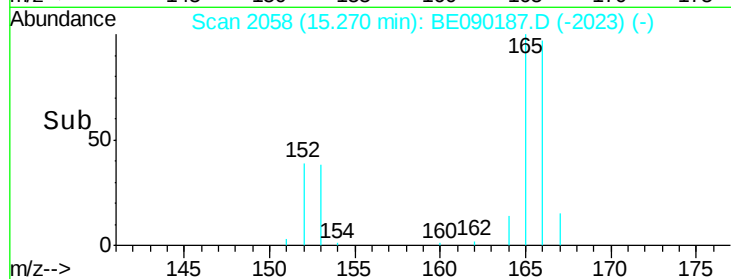
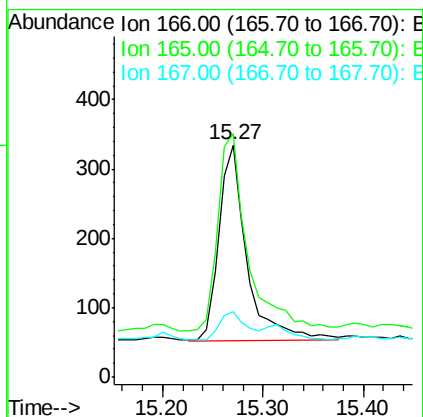
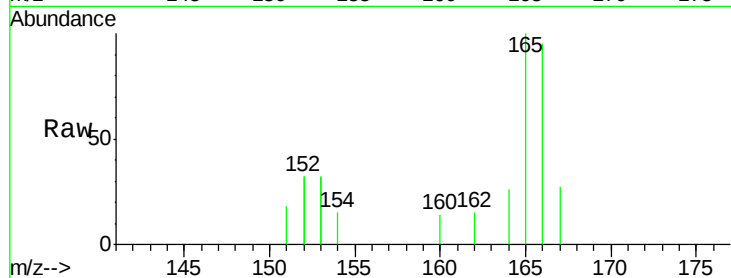
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





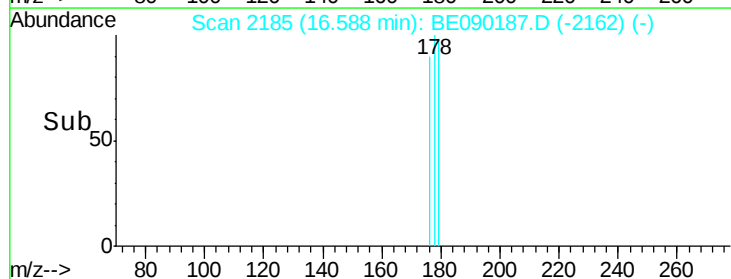
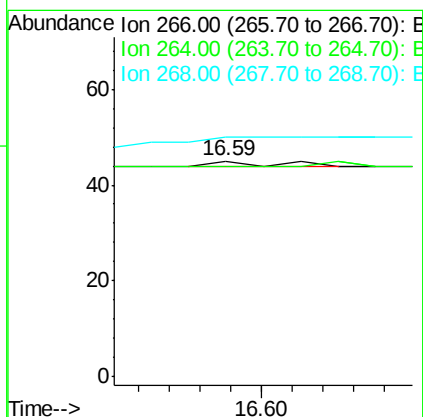
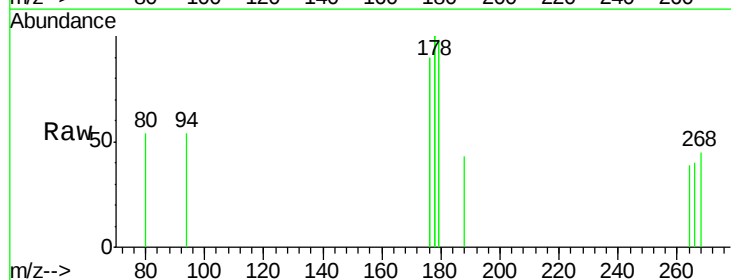
#9
Fluorene
 Concen: 0.05 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

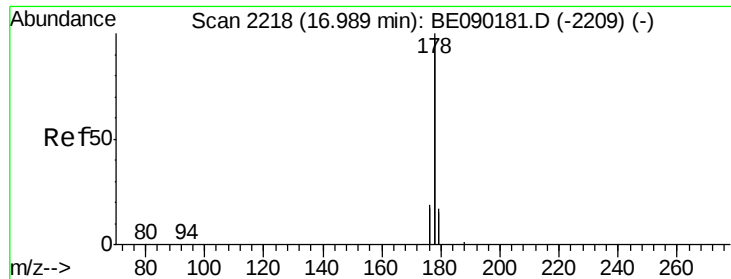
Tgt Ion:166 Resp: 556
 Ion Ratio Lower Upper
 166 100
 165 104.8 81.2 121.8
 167 28.1 12.6 19.0#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.59 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BE090187.D
 Acq: 20 Jul 2015 22:31

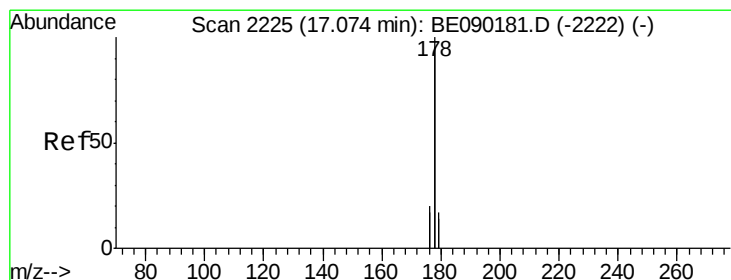
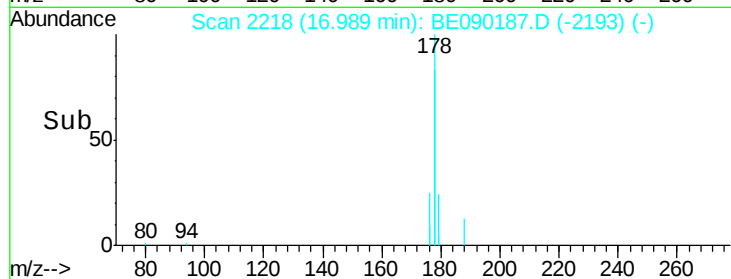
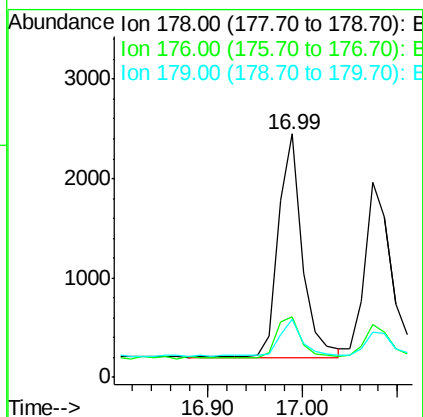
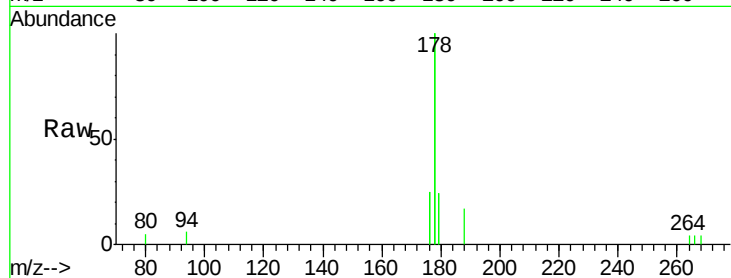
Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.7 71.5#
 268 100.0 47.0 70.6#





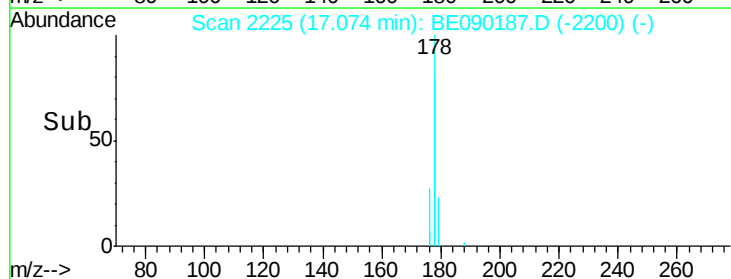
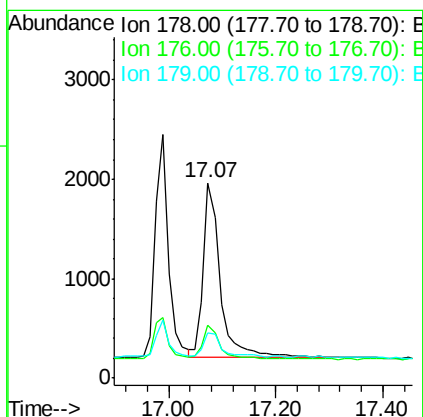
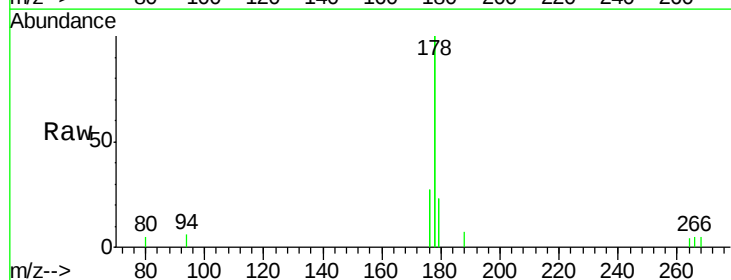
#12
Phenanthrene
Concen: 0.05 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

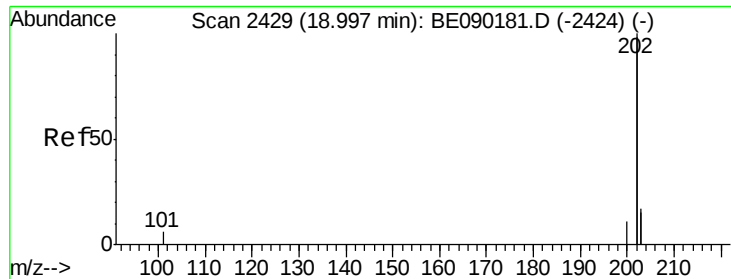
Tgt Ion:178 Resp: 3925
Ion Ratio Lower Upper
178 100
176 24.9 15.3 22.9#
179 23.7 14.0 21.0#



#13
Anthracene
Concen: 0.05 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

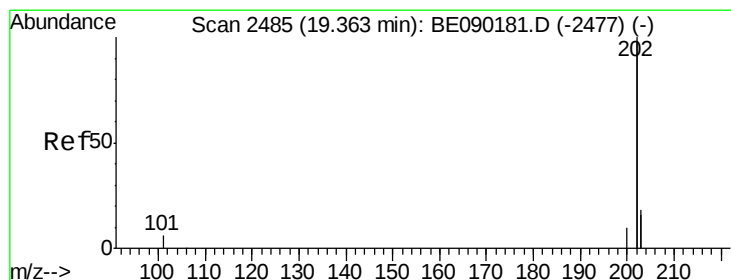
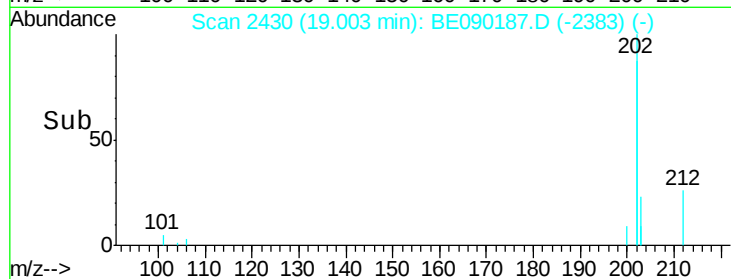
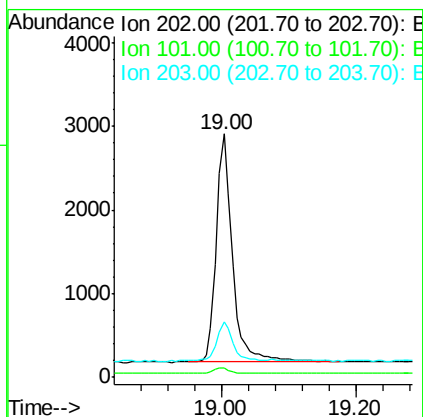
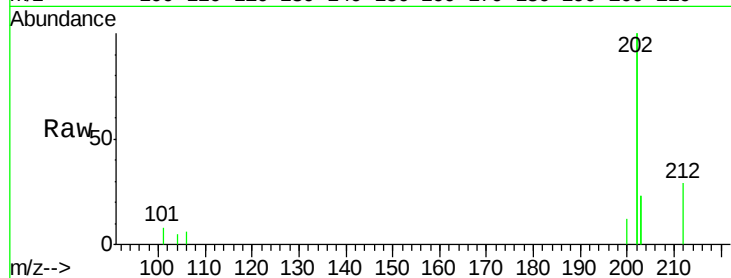
Tgt Ion:178 Resp: 3772
Ion Ratio Lower Upper
178 100
176 27.2 16.0 24.0#
179 23.0 13.4 20.0#





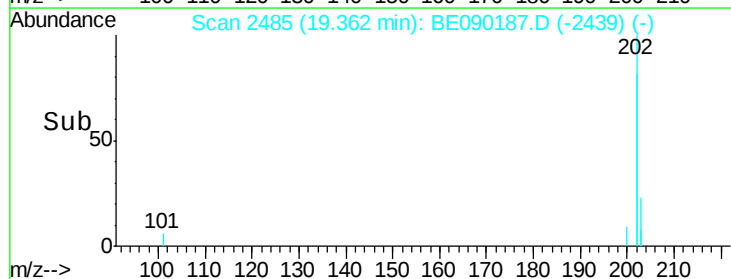
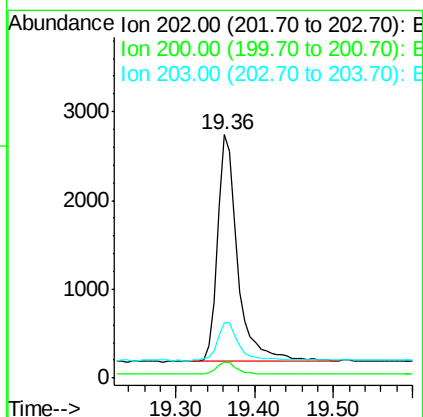
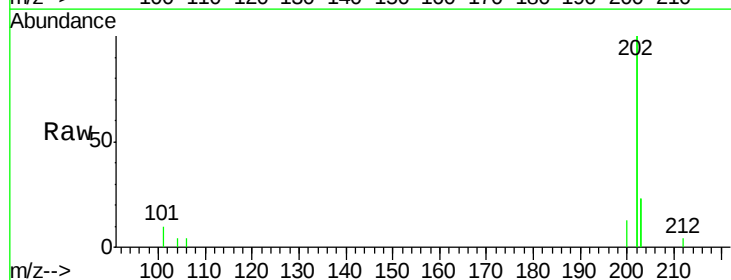
#15
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

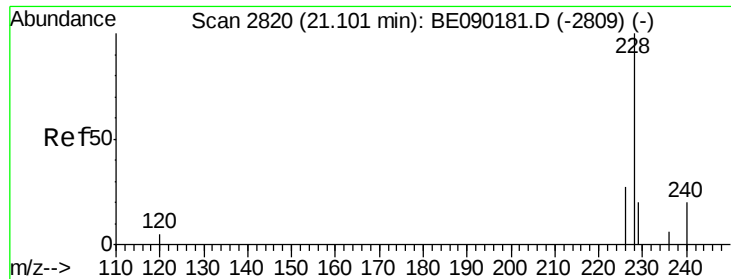
Tgt Ion: 202 Resp: 4517
Ion Ratio Lower Upper
202 100
101 3.8 0.0 23.0
203 22.8 0.0 37.0



#17
Pyrene
Concen: 0.06 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

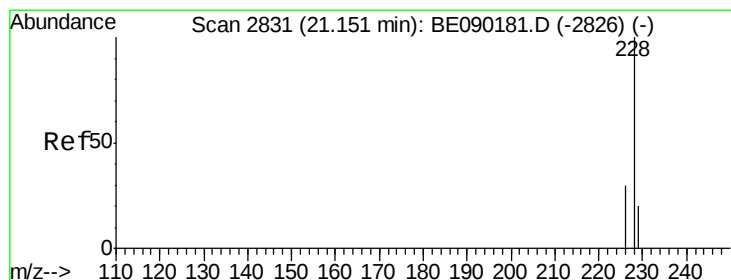
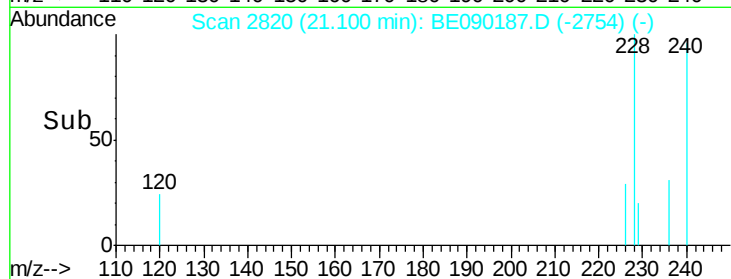
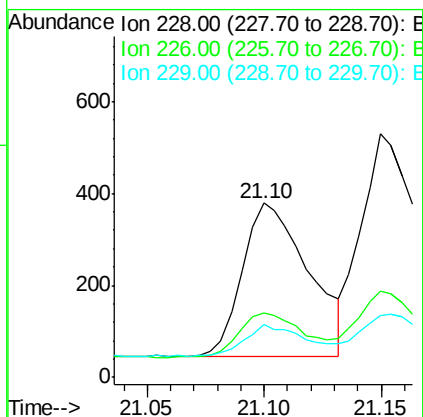
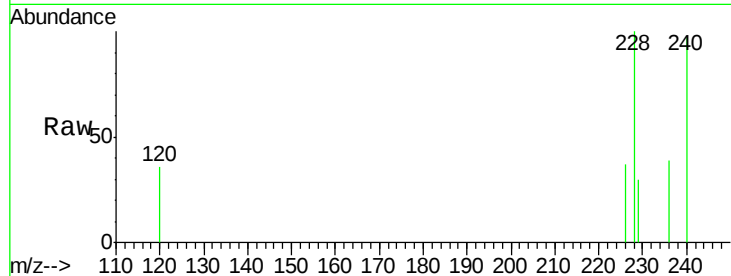
Tgt Ion: 202 Resp: 4566
Ion Ratio Lower Upper
202 100
200 6.3 4.3 6.5
203 22.8 14.6 21.8#





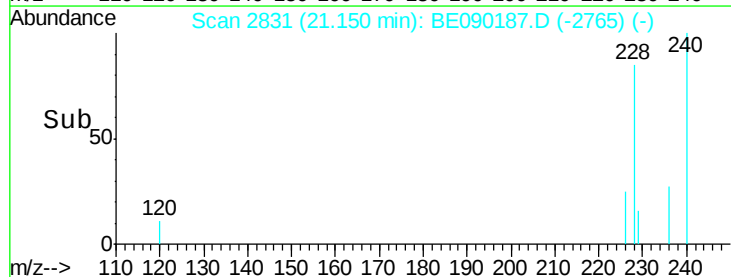
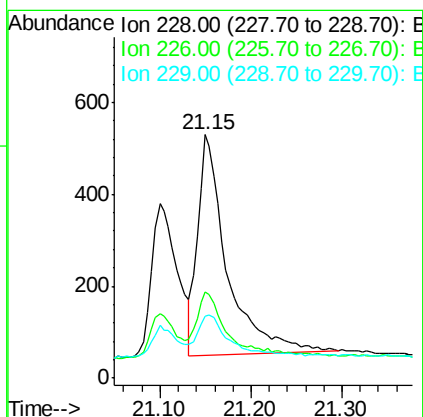
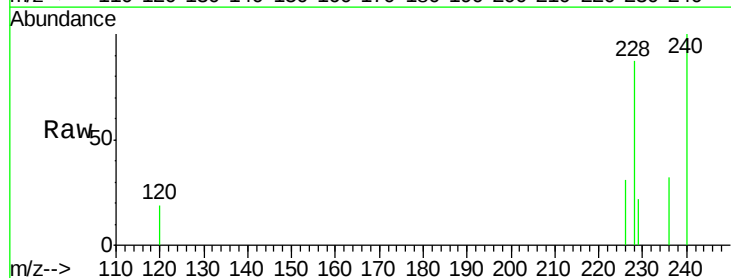
#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

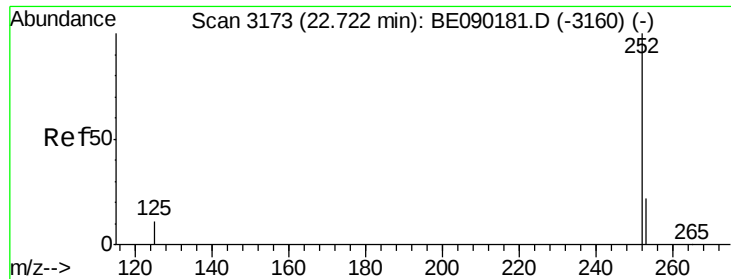
Tgt Ion:228 Resp: 658
Ion Ratio Lower Upper
228 100
226 37.2 22.2 33.4#
229 30.1 16.9 25.3#



#19
Chrysene
Concen: 0.06 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

Tgt Ion:228 Resp: 1079
Ion Ratio Lower Upper
228 100
226 35.5 24.3 36.5
229 25.5 16.6 24.8#





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/u1

RT: 22.73 min Scan# 3174

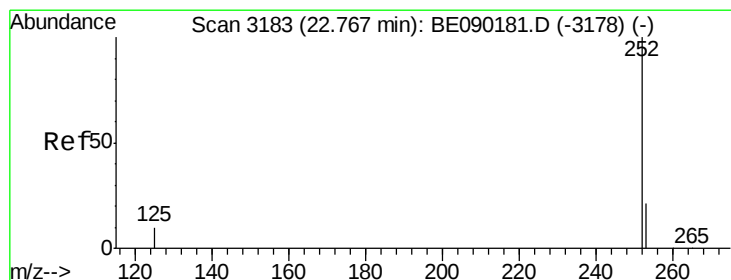
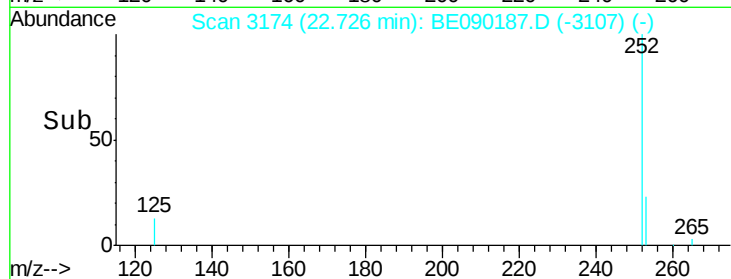
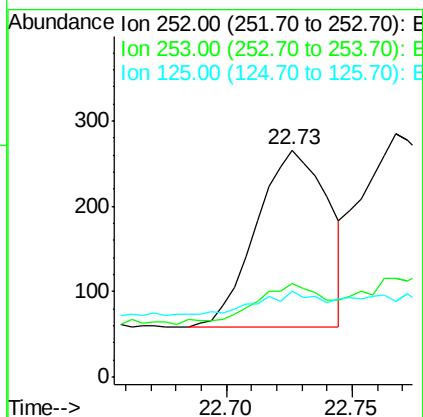
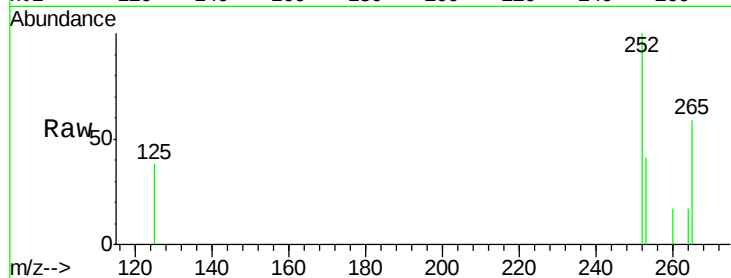
Delta R.T. 0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

Tgt Ion: 252 Resp: 411

Ion	Ratio	Lower	Upper
252	100		
253	41.0	0.0	46.8
125	37.6	0.0	25.4



#22

Benzo(k)fluoranthene

Concen: 0.04 ng/u1

RT: 22.77 min Scan# 3183

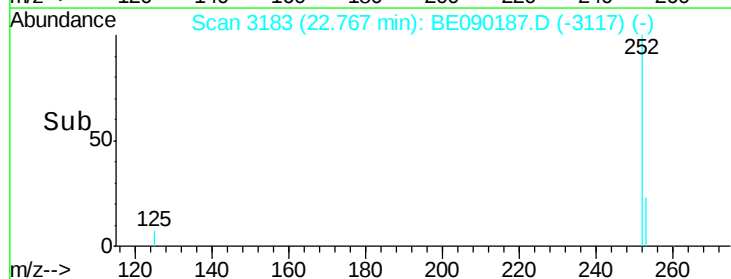
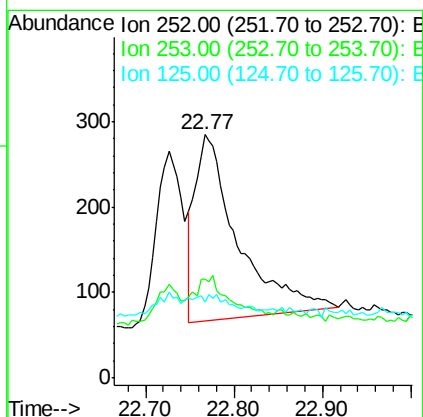
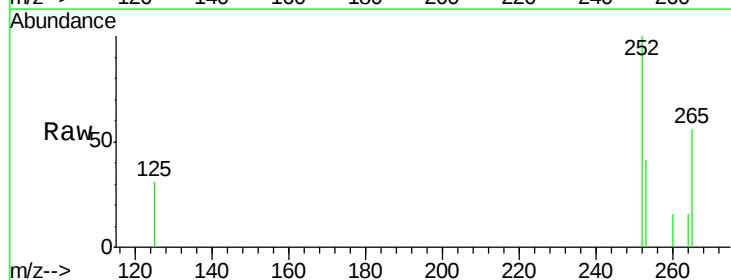
Delta R.T. -0.00 min

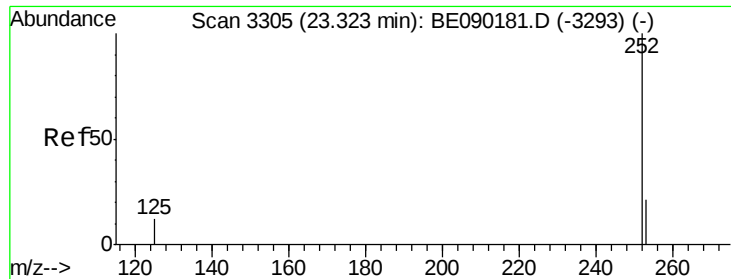
Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

Tgt Ion: 252 Resp: 726

Ion	Ratio	Lower	Upper
252	100		
253	40.7	18.3	27.5
125	30.9	9.8	14.8





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. -0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

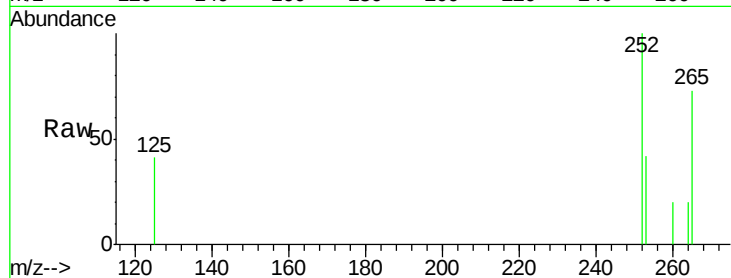
Tgt Ion: 252 Resp: 505

Ion Ratio Lower Upper

252 100

253 41.7 18.4 27.6#

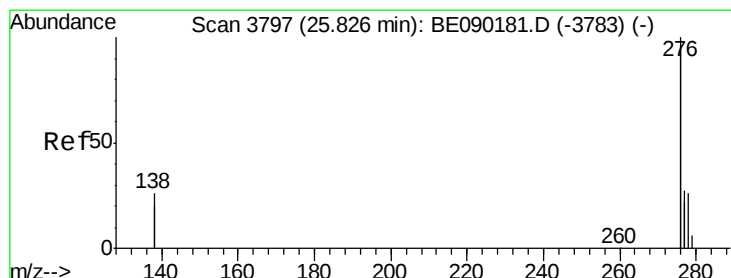
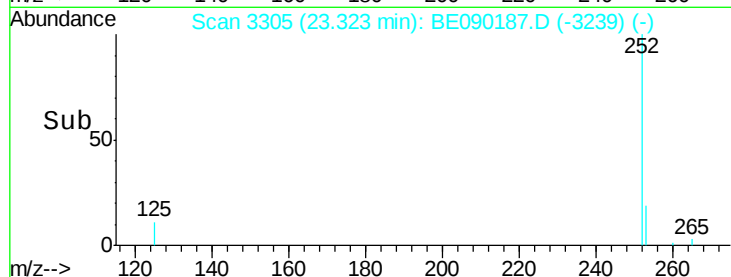
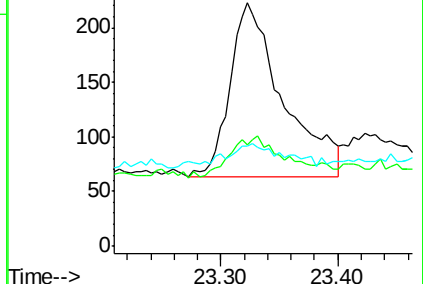
125 40.8 11.5 17.3#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 25.83 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BE090187.D

Acq: 20 Jul 2015 22:31

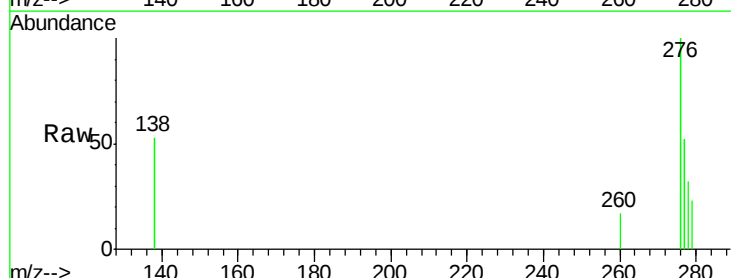
Tgt Ion: 276 Resp: 1841

Ion Ratio Lower Upper

276 100

138 21.2 19.8 29.8

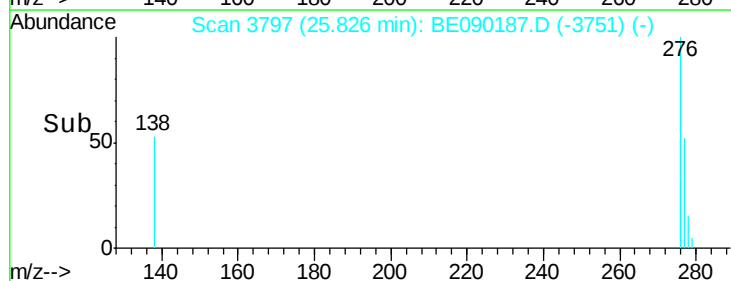
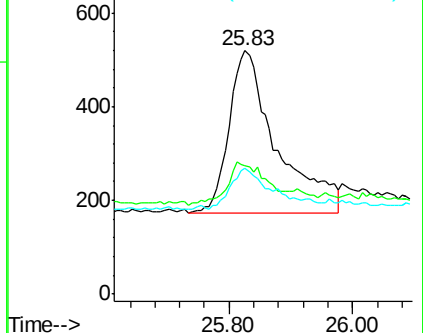
277 20.7 19.8 29.6

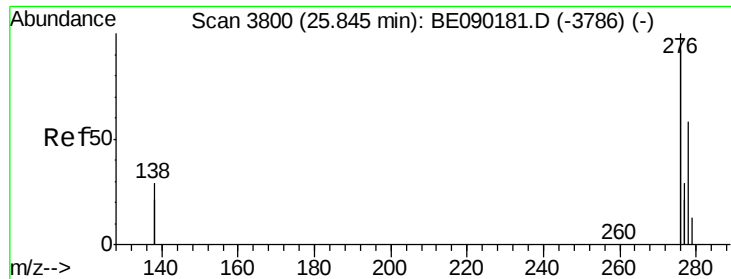


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

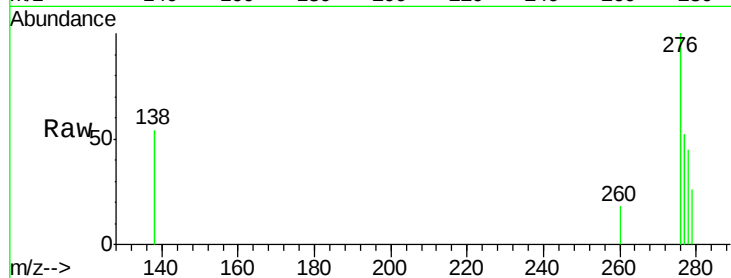
Ion 277.00 (276.70 to 277.70): E



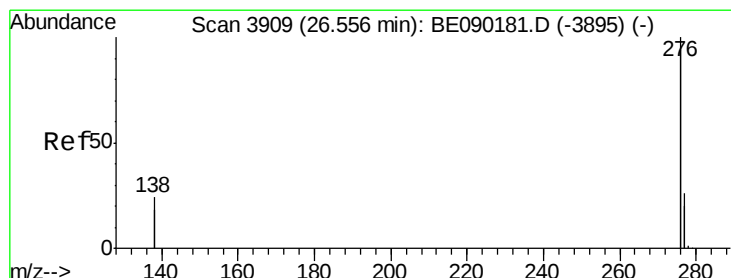
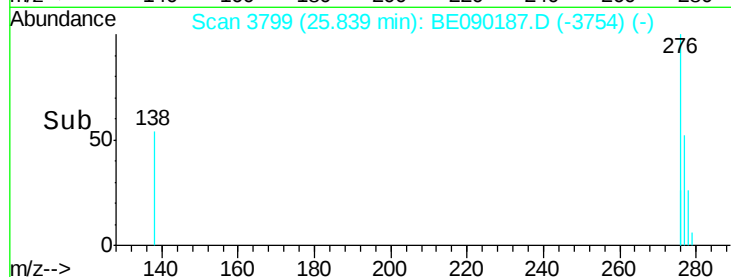
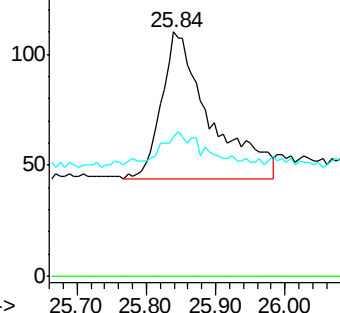


#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.84 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

Tgt Ion: 278 Resp: 320
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 57.3 20.0 30.0#

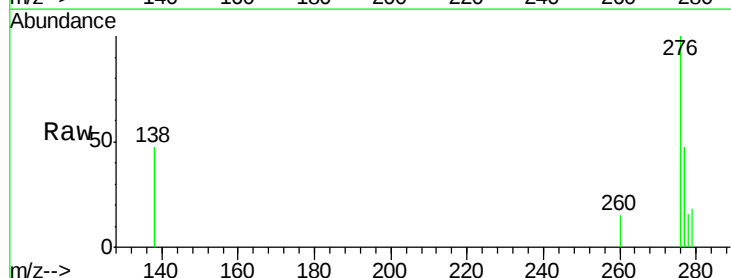


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BE090187.D
Acq: 20 Jul 2015 22:31

Tgt Ion: 276 Resp: 2213
Ion Ratio Lower Upper
276 100
277 47.3 20.6 31.0#
138 47.0 19.3 28.9#



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

