

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090223.D
 Acq On : 22 Jul 2015 6:54
 Operator : TP/IZ
 Sample : MDL-06-S
 Misc : MDL-SIM-SOIL-0.15PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-06-S

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Quant Time: Jul 22 09:10:06 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 05:40:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	715	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3523	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2034	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5333	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2645	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	1213	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	2318	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6130	0.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	1240	0.13	ng/ul#	88
5) 2-Methylnaphthalene	12.03	142	856	0.14	ng/ul	100
7) Acenaphthylene	13.93	152	5917	0.14	ng/ul#	94
8) Acenaphthene	14.27	153	4255	0.14	ng/ul	98
9) Fluorene	15.27	166	1218	0.13	ng/ul#	95
12) Phenanthrene	16.99	178	8213	0.13	ng/ul#	96
13) Anthracene	17.07	178	8168m	0.14	ng/ul	
15) Fluoranthene	19.00	202	9467	0.14	ng/ul	94
17) Pyrene	19.37	202	9298	0.21	ng/ul	94
18) Benzo(a)anthracene	21.10	228	458	0.11	ng/ul#	76
19) Chrysene	21.15	228	1599m	0.15	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	263	0.17	ng/ul#	57
22) Benzo(k)fluoranthene	22.76	252	497m	0.11	ng/ul	
23) Benzo(a)pyrene	23.32	252	338	0.14	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.82	276	1028	0.15	ng/ul	96
25) Dibenzo(a,h)anthracene	25.85	278	190	0.16	ng/ul#	59
26) Benzo(g,h,i)perylene	26.56	276	1186	0.12	ng/ul#	54

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

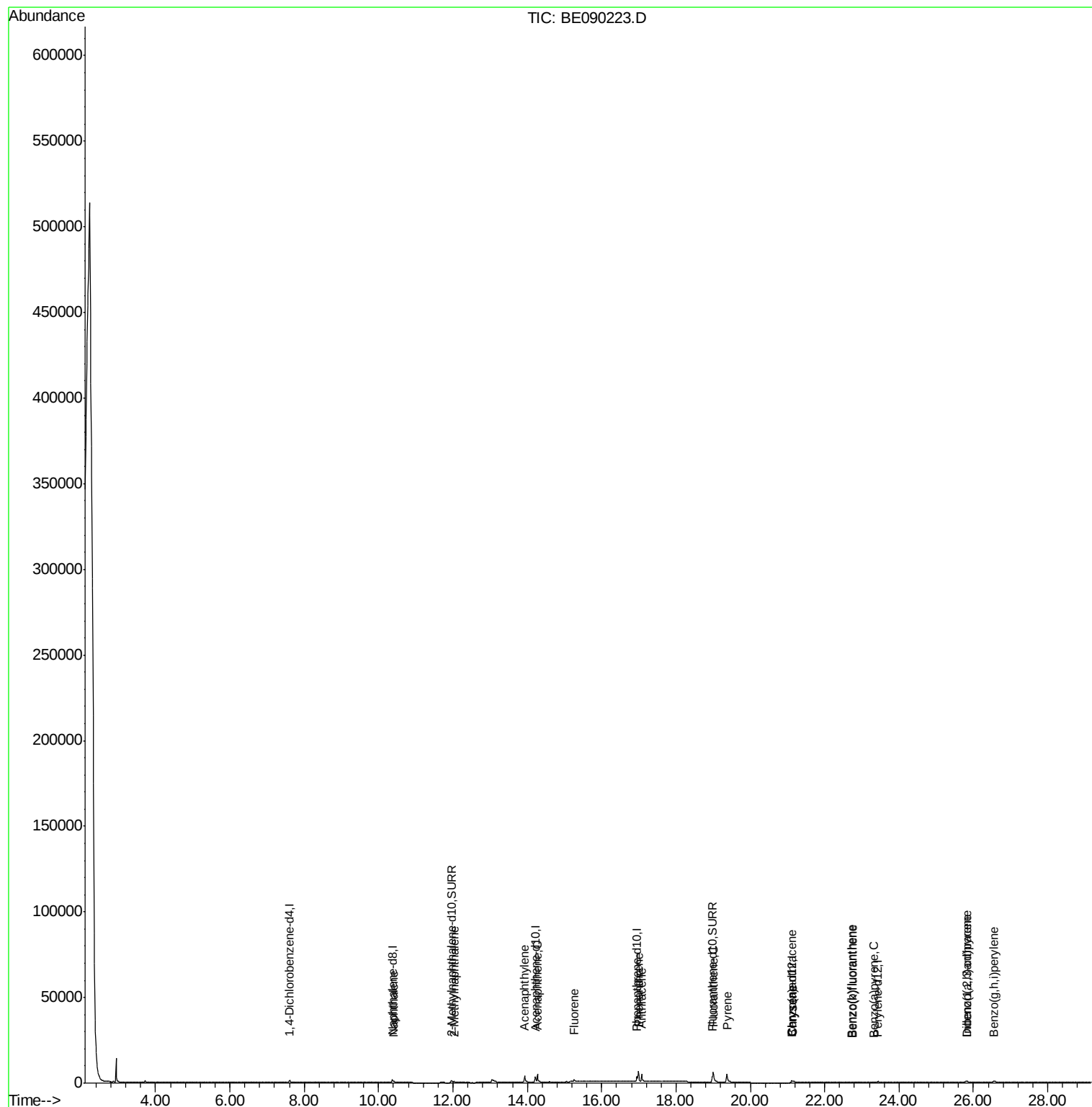
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090223.D
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Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 22 Sample Multiplier: 1

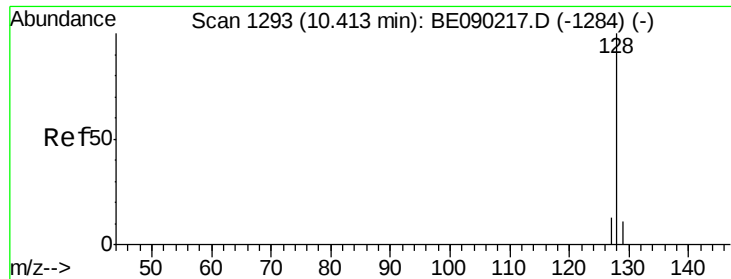
Instrument :
BNA_E
ClientSampleId :
MDL-06-S

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Quant Time: Jul 22 09:10:06 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 05:40:44 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.13 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Instrument :

BNA_E

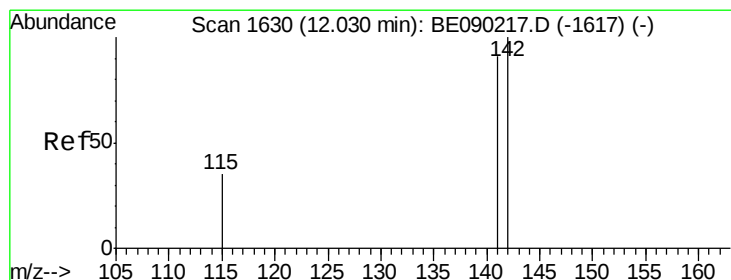
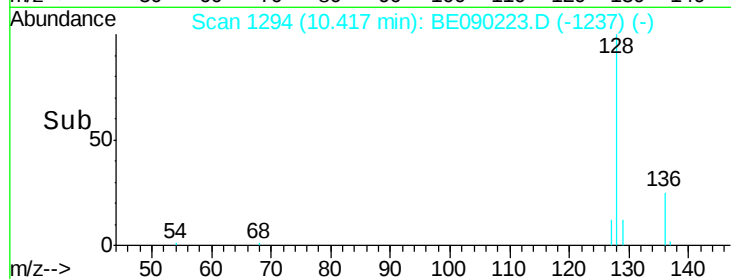
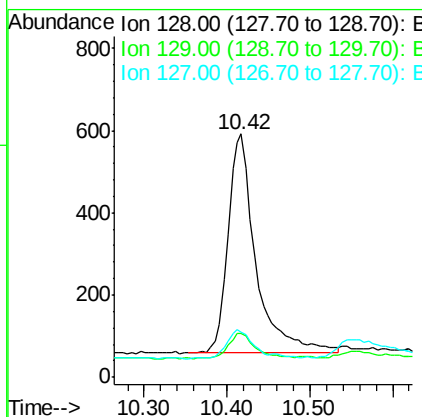
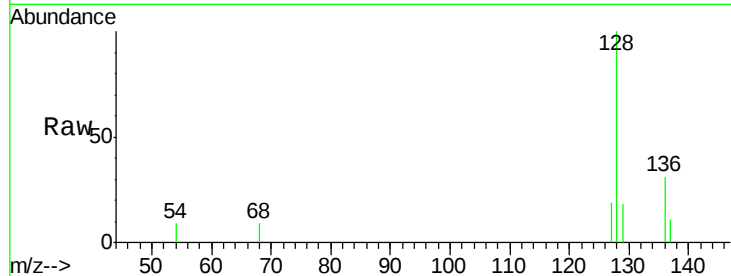
ClientSampleId :

MDL-06-S

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.2	10.2	15.2#
127	18.8	11.8	17.6#

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#5

2-Methylnaphthalene

Concen: 0.14 ng/ul

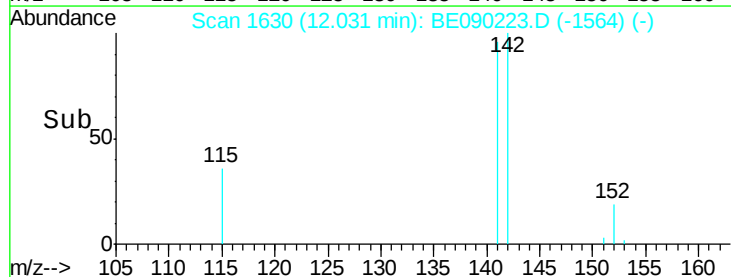
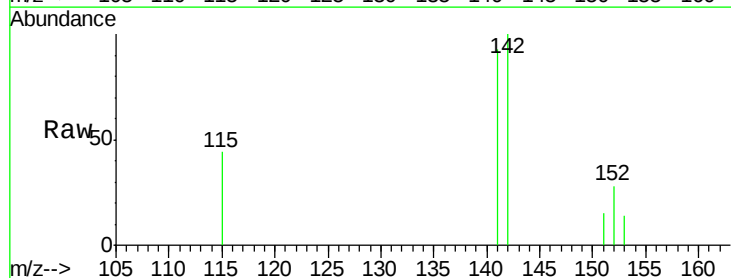
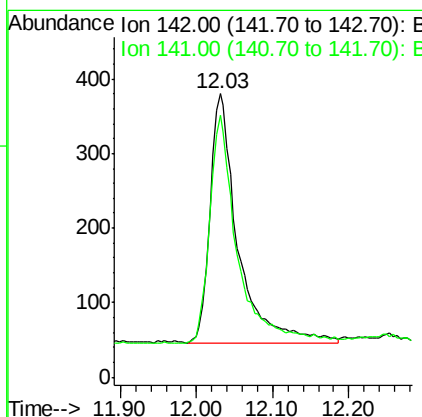
RT: 12.03 min Scan# 1630

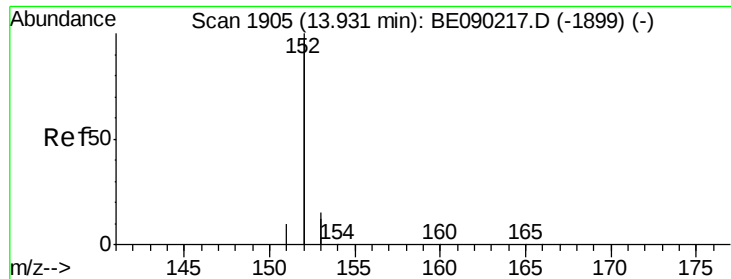
Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Instrument :

BNA_E

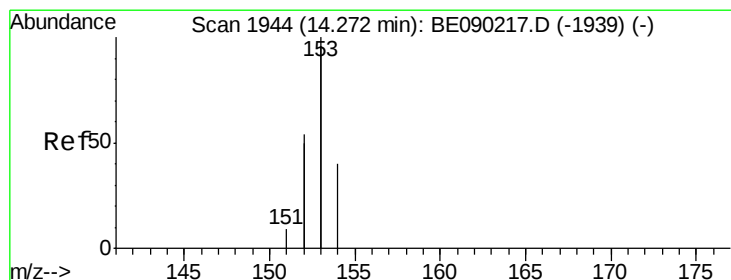
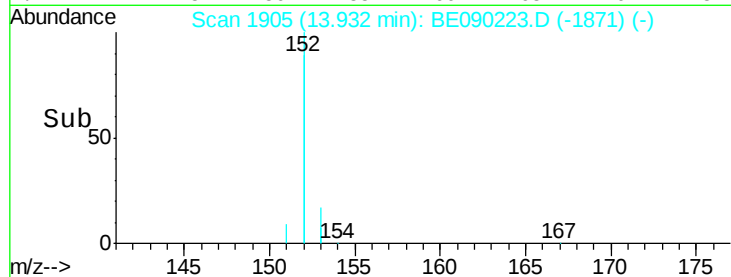
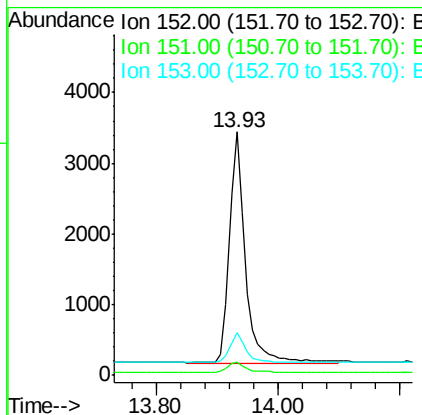
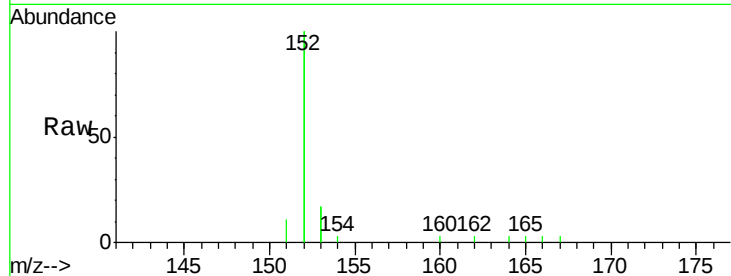
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Tgt Ion:	152	Resp:	5917
Ion Ratio	Lower	Upper	
152	100		
151	5.7	4.2	6.4
153	17.4	11.5	17.3#

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#8

Acenaphthene

Concen: 0.14 ng/ul

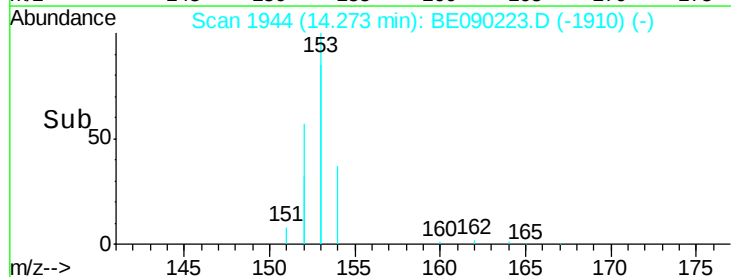
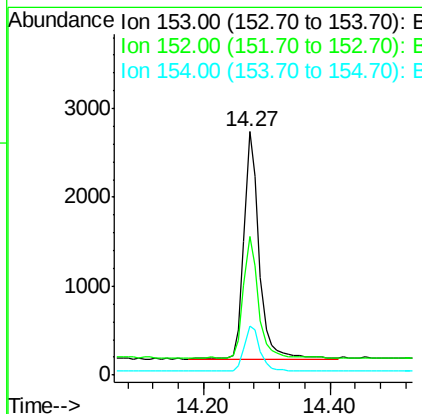
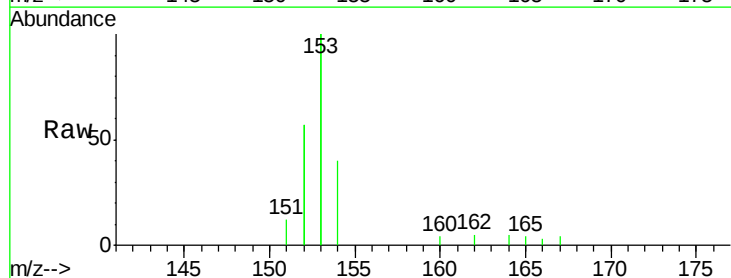
RT: 14.27 min Scan# 1944

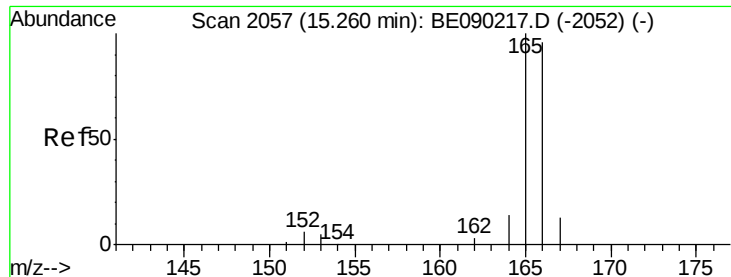
Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Tgt Ion:	153	Resp:	4255
Ion Ratio	Lower	Upper	
153	100		
152	57.2	45.0	67.4
154	20.0	16.8	25.2





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090223.D

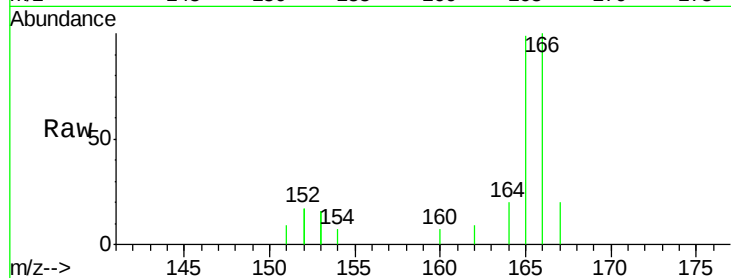
Acq: 22 Jul 2015 6:54

Instrument :

BNA_E

ClientSampleId :

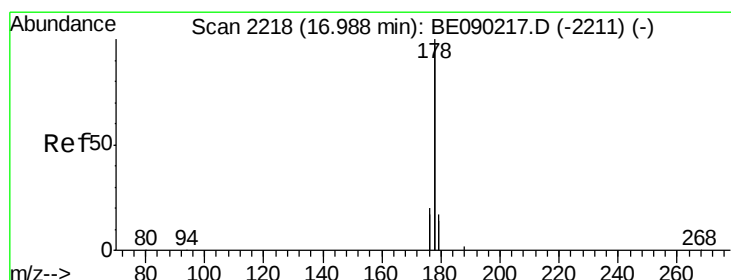
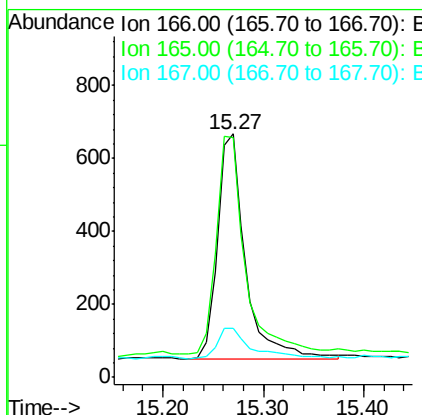
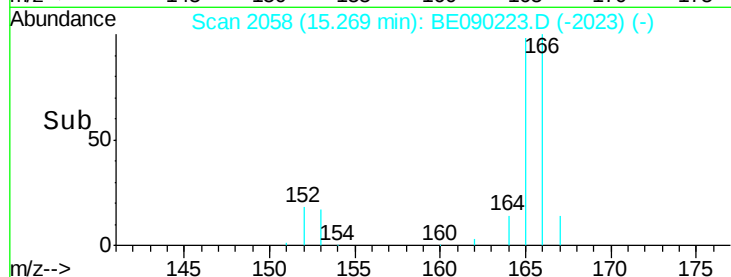
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Tgt Ion:	166	Resp:	1218
Ion Ratio	Lower	Upper	
166	100		
165	98.7	81.9	122.9
167	20.4	12.2	18.2#

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#12

Phenanthrene

Concen: 0.13 ng/ul

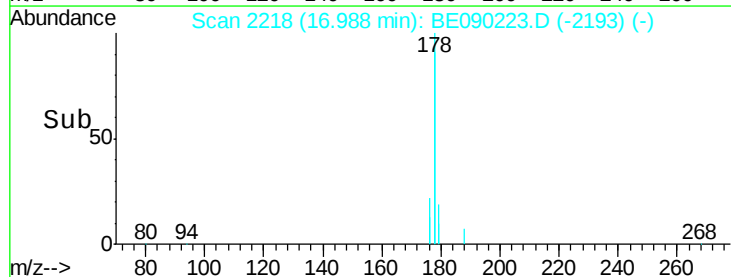
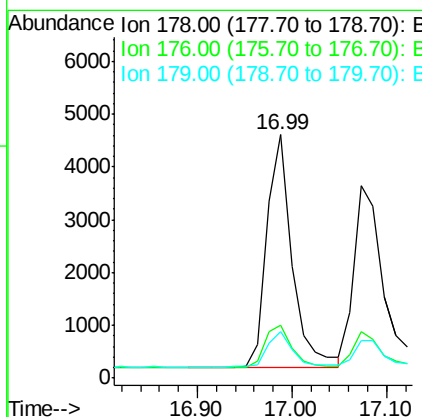
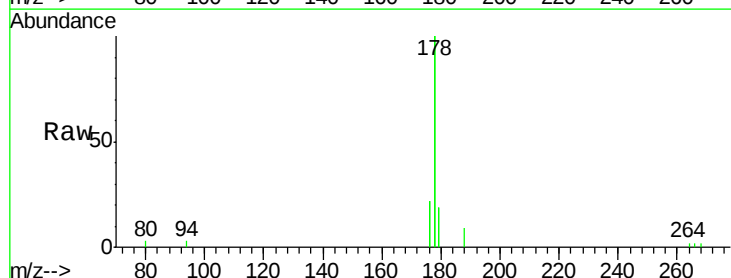
RT: 16.99 min Scan# 2218

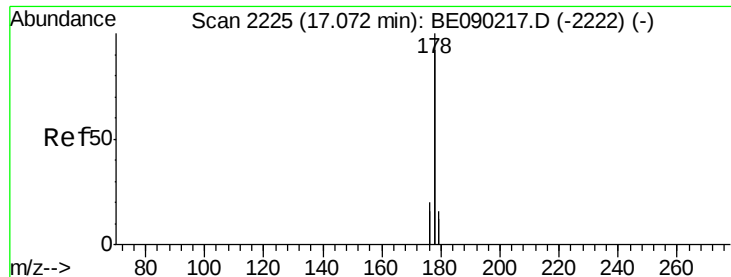
Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Tgt Ion:	178	Resp:	8213
Ion Ratio	Lower	Upper	
178	100		
176	21.9	17.6	26.4
179	19.3	12.2	18.4#





#13

Anthracene

Concen: 0.14 ng/ul m

RT: 17.07 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Instrument :

BNA_E

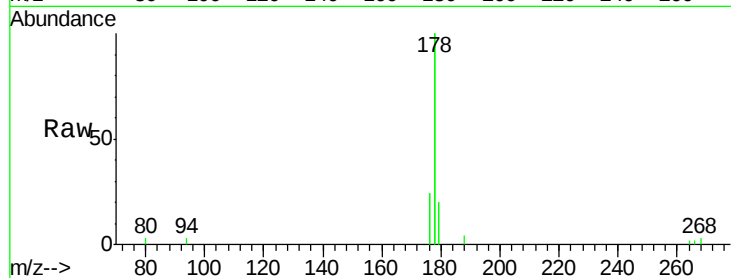
ClientSampleId :

MDL-06-S

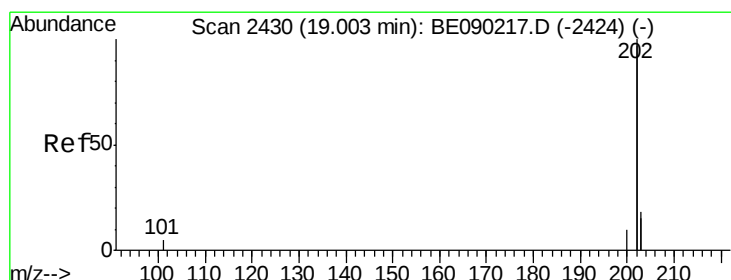
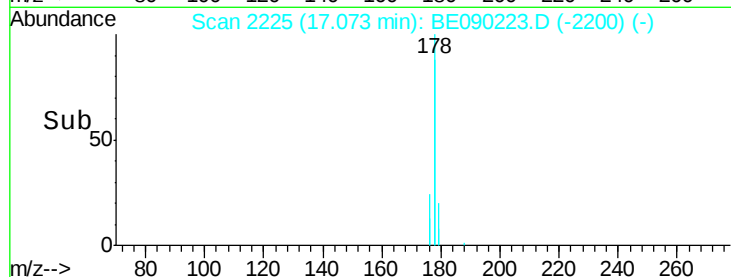
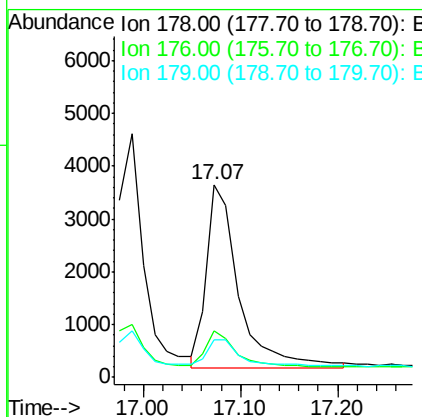
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.1	15.9	23.9#
179	19.6	13.3	19.9



#15

Fluoranthene

Concen: 0.14 ng/ul

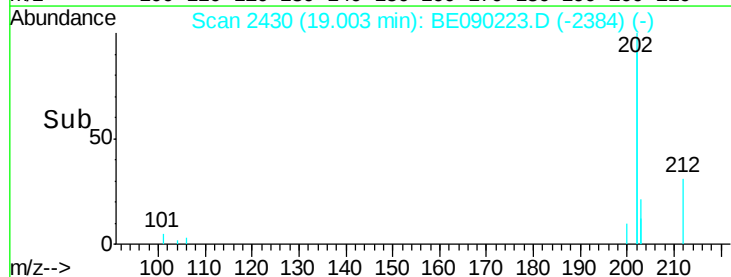
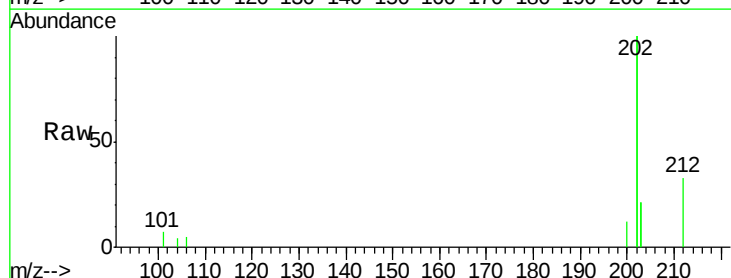
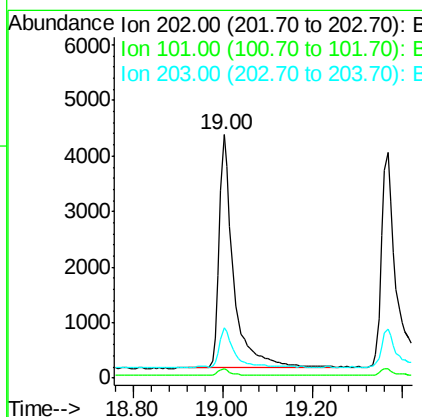
RT: 19.00 min Scan# 2430

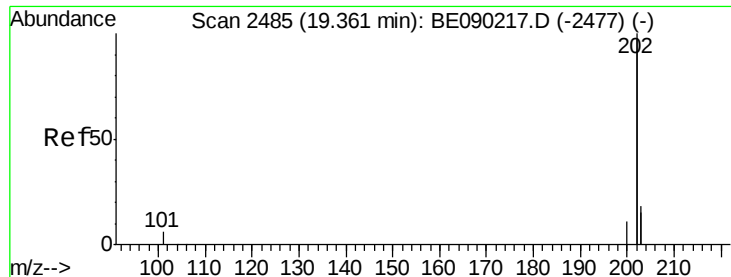
Delta R.T. 0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	23.0
203	20.7	0.0	37.8





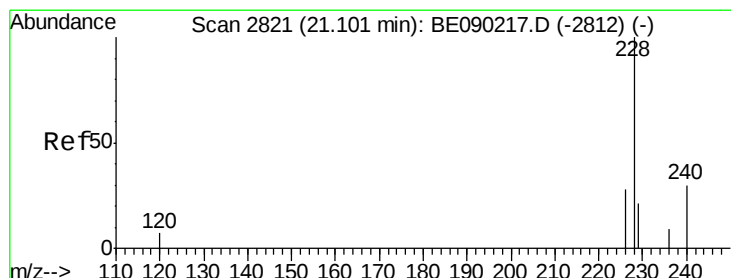
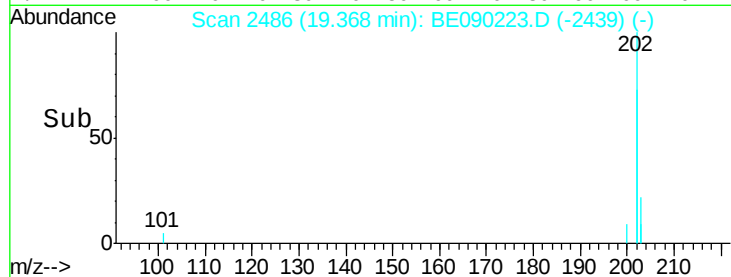
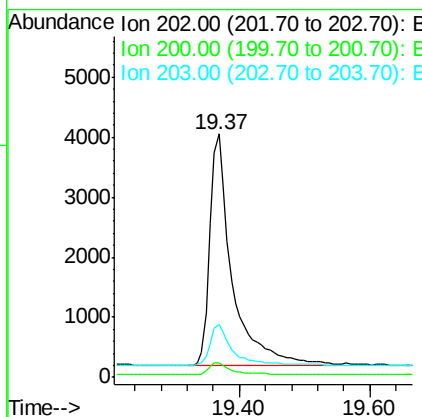
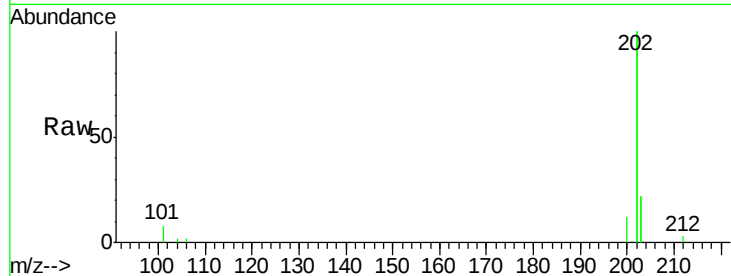
#17
 Pyrene
 Concen: 0.21 ng/ul
 RT: 19.37 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BE090223.D
 Acq: 22 Jul 2015 6:54

Instrument :
 BNA_E
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.0	4.4	6.6
203	21.7	14.6	22.0

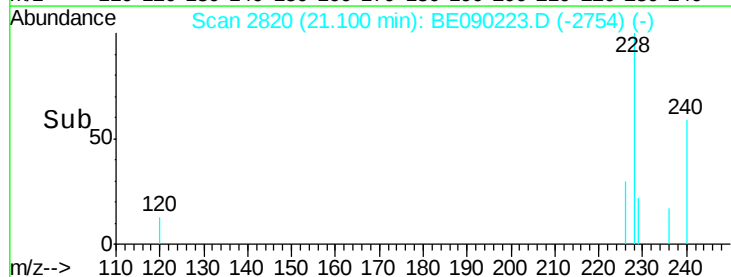
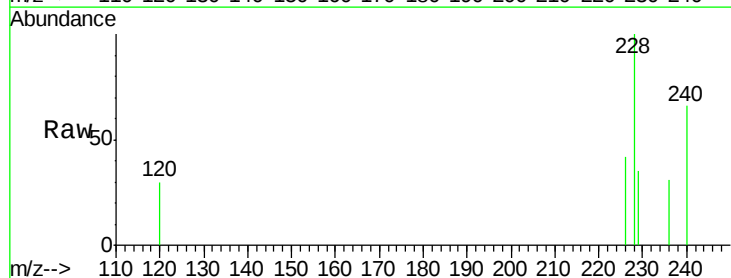
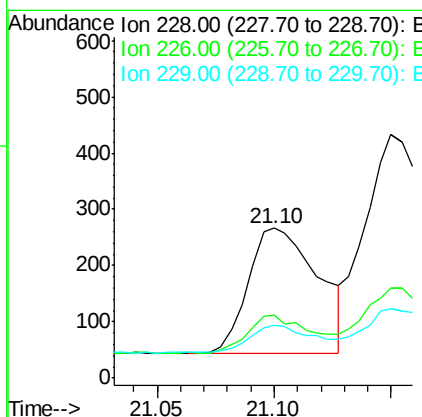
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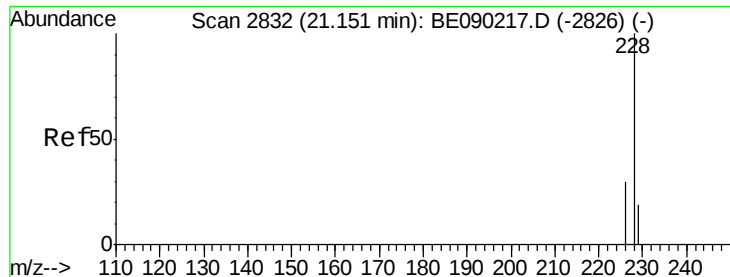
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#18
 Benzo(a)anthracene
 Concen: 0.11 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BE090223.D
 Acq: 22 Jul 2015 6:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.1	24.1	36.1#
229	35.3	17.9	26.9#





#19

Chrysene

Concen: 0.15 ng/ul m

RT: 21.15 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Instrument :

BNA_E

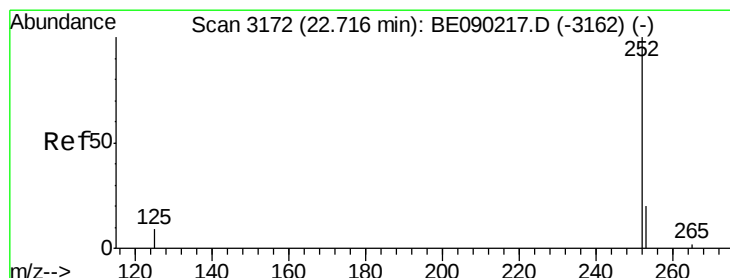
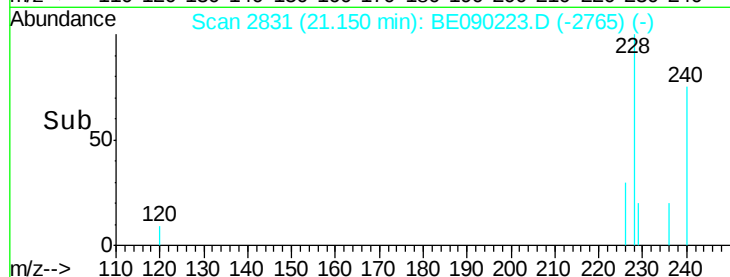
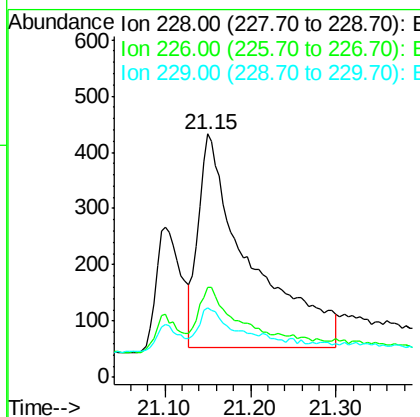
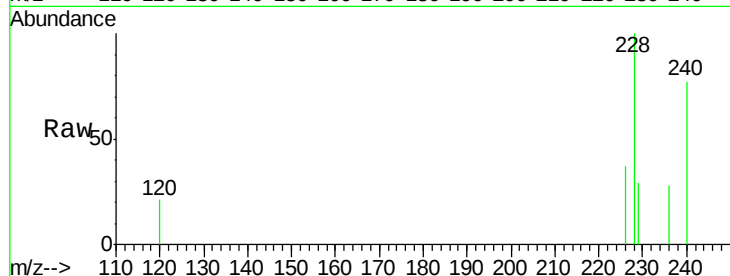
ClientSampleId :

MDL-06-S

Tgt Ion:	228	Resp:	1599
Ion Ratio	Lower	Upper	
228	100		
226	37.2	24.6	36.8#
229	28.6	17.4	26.2#

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#21

Benzo(b)fluoranthene

Concen: 0.17 ng/ul

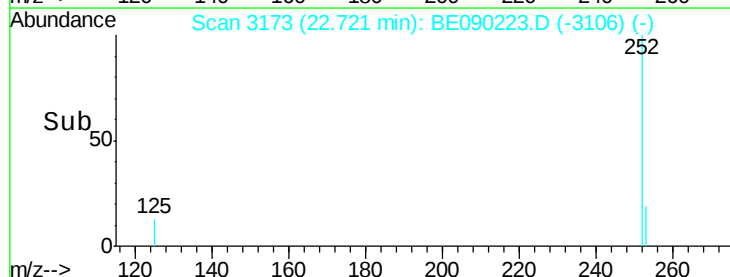
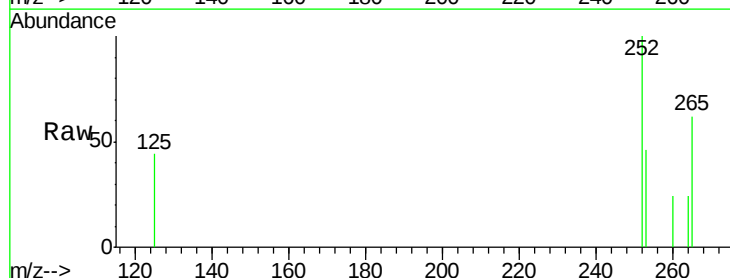
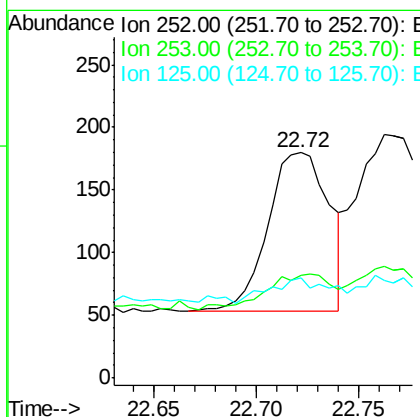
RT: 22.72 min Scan# 3173

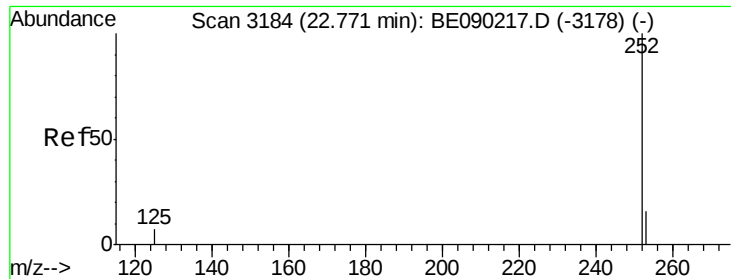
Delta R.T. 0.01 min

Lab File: BE090223.D

Acq: 22 Jul 2015 6:54

Tgt Ion:	252	Resp:	263
Ion Ratio	Lower	Upper	
252	100		
253	45.6	0.0	56.8
125	44.4	0.0	37.0#





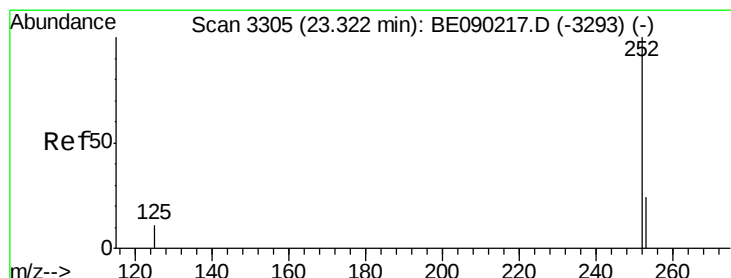
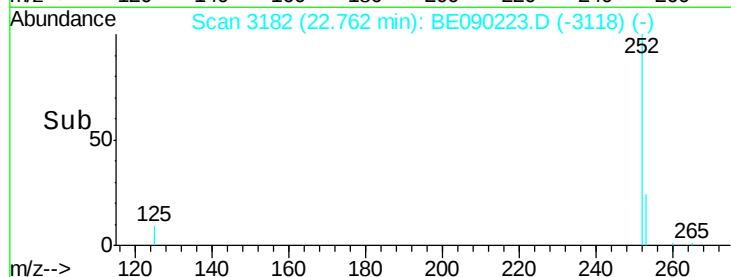
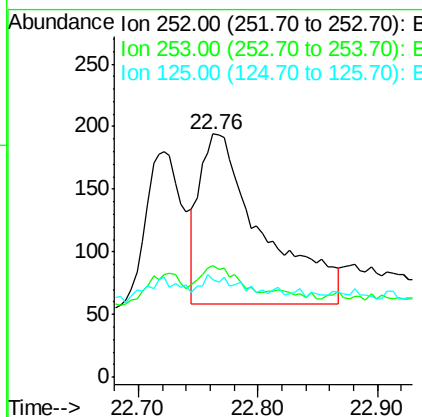
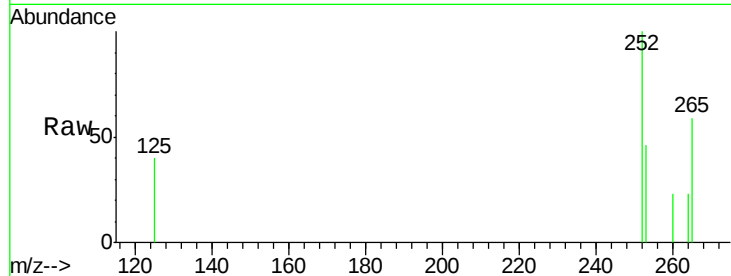
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Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.76 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BE090223.D
Acq: 22 Jul 2015 6:54

Instrument :
BNA_E
ClientSampleId :
MDL-06-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.9	19.5	29.3#
125	40.2	11.9	17.9#

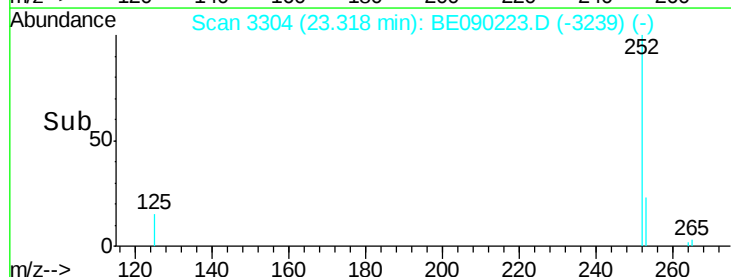
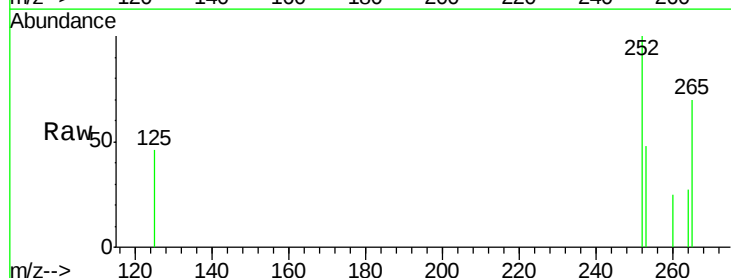
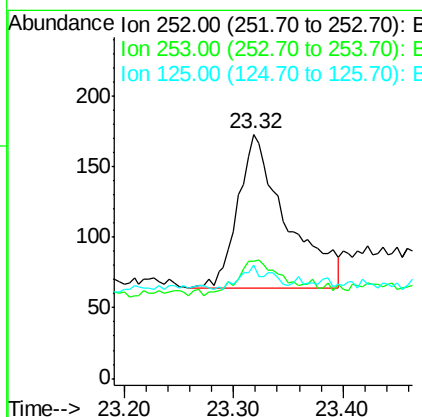
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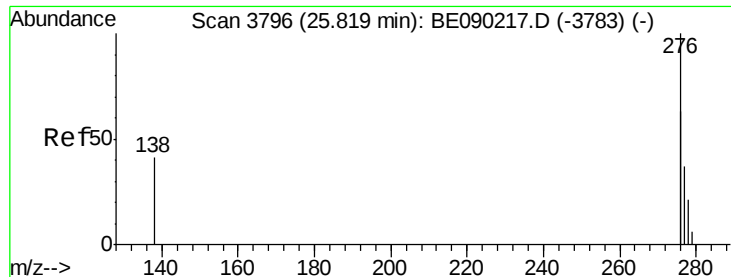
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#23
Benzo(a)pyrene
Concen: 0.14 ng/ul
RT: 23.32 min Scan# 3304
Delta R.T. -0.00 min
Lab File: BE090223.D
Acq: 22 Jul 2015 6:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.0	23.7	35.5#
125	46.2	15.4	23.2#





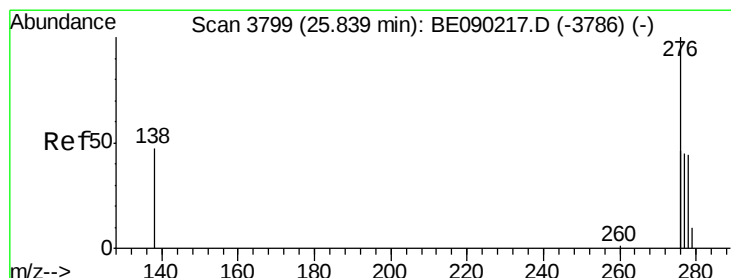
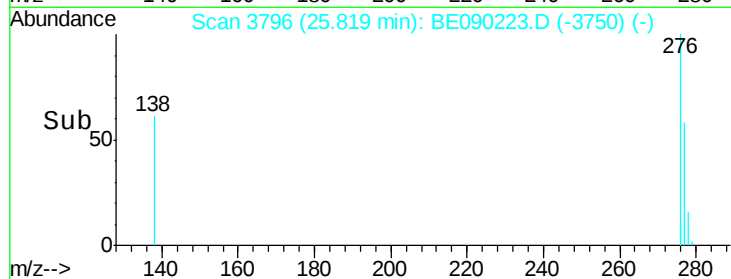
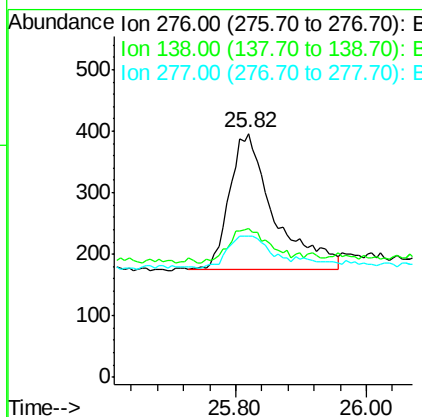
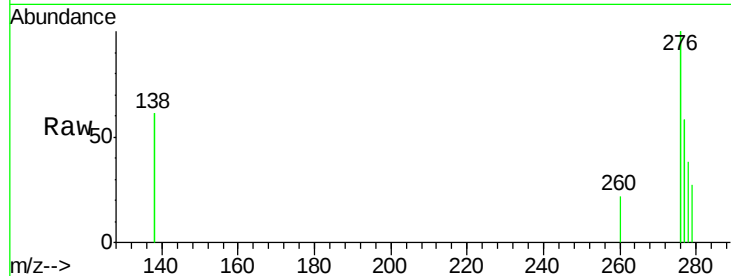
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.15 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. 0.00 min
 Lab File: BE090223.D
 Acq: 22 Jul 2015 6:54

Instrument :
 BNA_E
 ClientSampled :
 MDL-06-S

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1028		
138	23.3	16.9	25.3	
277	22.7	17.0	25.4	

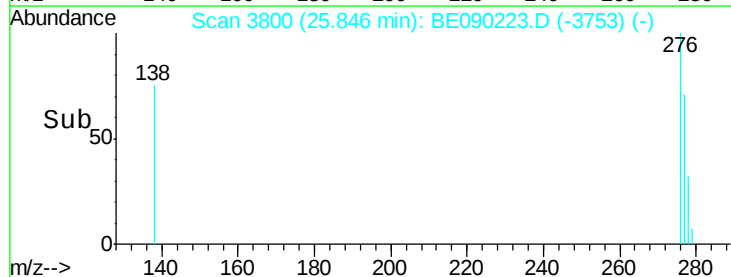
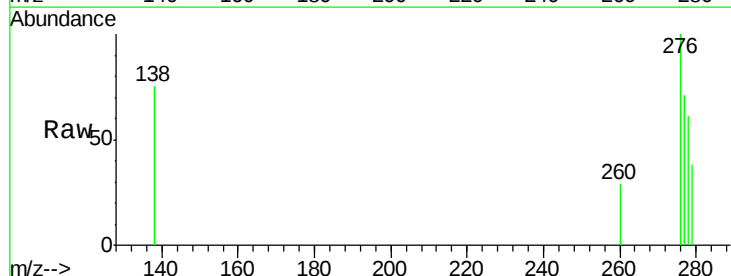
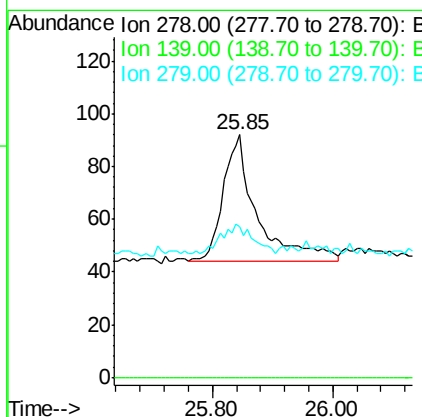
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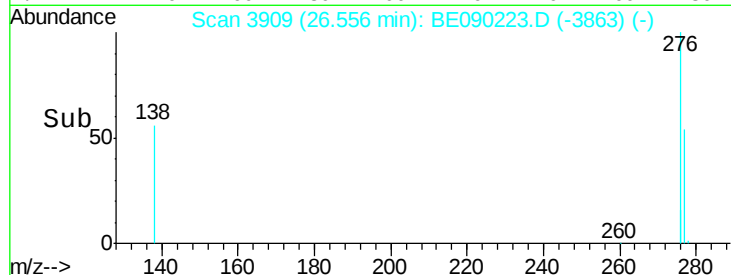
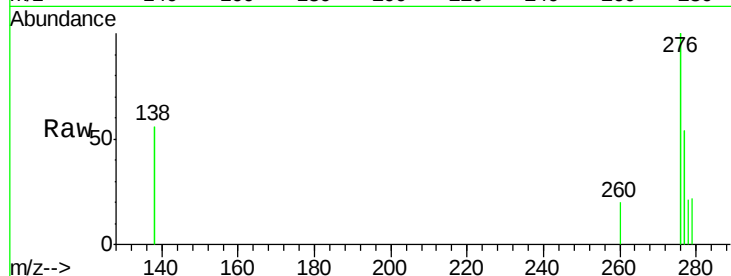
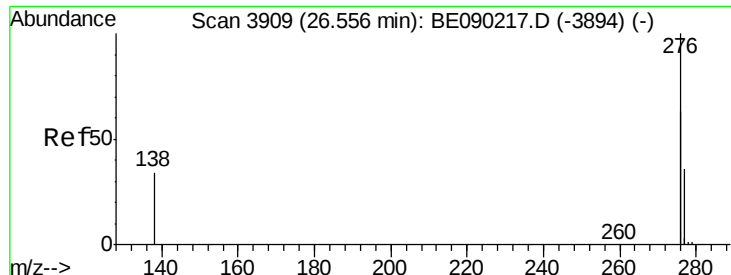
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.16 ng/ul
 RT: 25.85 min Scan# 3800
 Delta R.T. 0.01 min
 Lab File: BE090223.D
 Acq: 22 Jul 2015 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	190		
139	0.0	0.0	0.0	
279	62.0	30.1	45.1	





#26
Benzo(g,h,i)perylene
Concen: 0.12 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BE090223.D
Acq: 22 Jul 2015 6:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	53.8	24.6	36.8#
138	56.1	23.5	35.3#

Instrument :
BNA_E
ClientSampleId :
MDL-06-S

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