

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090211.D
 Acq On : 21 Jul 2015 22:15
 Operator : TP/IZ
 Sample : MDL-02-S
 Misc : MDL-SIM-SOIL-0.07PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-02-S

Manual Integrations
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Quant Time: Jul 22 05:22:31 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 04:13:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	674	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3264	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1947	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5319	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	2981	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1696	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1871	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	5521	0.36	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.42	128	478	0.06	ng/ul#	70
5) 2-Methylnaphthalene	12.03	142	321	0.06	ng/ul	97
7) Acenaphthylene	13.93	152	2276	0.06	ng/ul#	79
8) Acenaphthene	14.27	153	1604	0.05	ng/ul	95
9) Fluorene	15.27	166	533	0.06	ng/ul#	89
12) Phenanthrene	16.99	178	3393	0.06	ng/ul#	85
13) Anthracene	17.07	178	3355	0.06	ng/ul#	77
15) Fluoranthene	19.00	202	4002	0.06	ng/ul	83
17) Pyrene	19.37	202	3971	0.08	ng/ul#	84
18) Benzo(a)anthracene	21.11	228	239	0.05	ng/ul#	65
19) Chrysene	21.15	228	735m	0.06	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	138	0.06	ng/ul#	25
22) Benzo(k)fluoranthene	22.77	252	255m	0.04	ng/ul	
23) Benzo(a)pyrene	23.32	252	140	0.04	ng/ul#	14
24) Indeno(1,2,3-cd)pyrene	25.82	276	476	0.05	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.85	278	84	0.05	ng/ul#	30
26) Benzo(g,h,i)perylene	26.56	276	593	0.04	ng/ul#	28

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

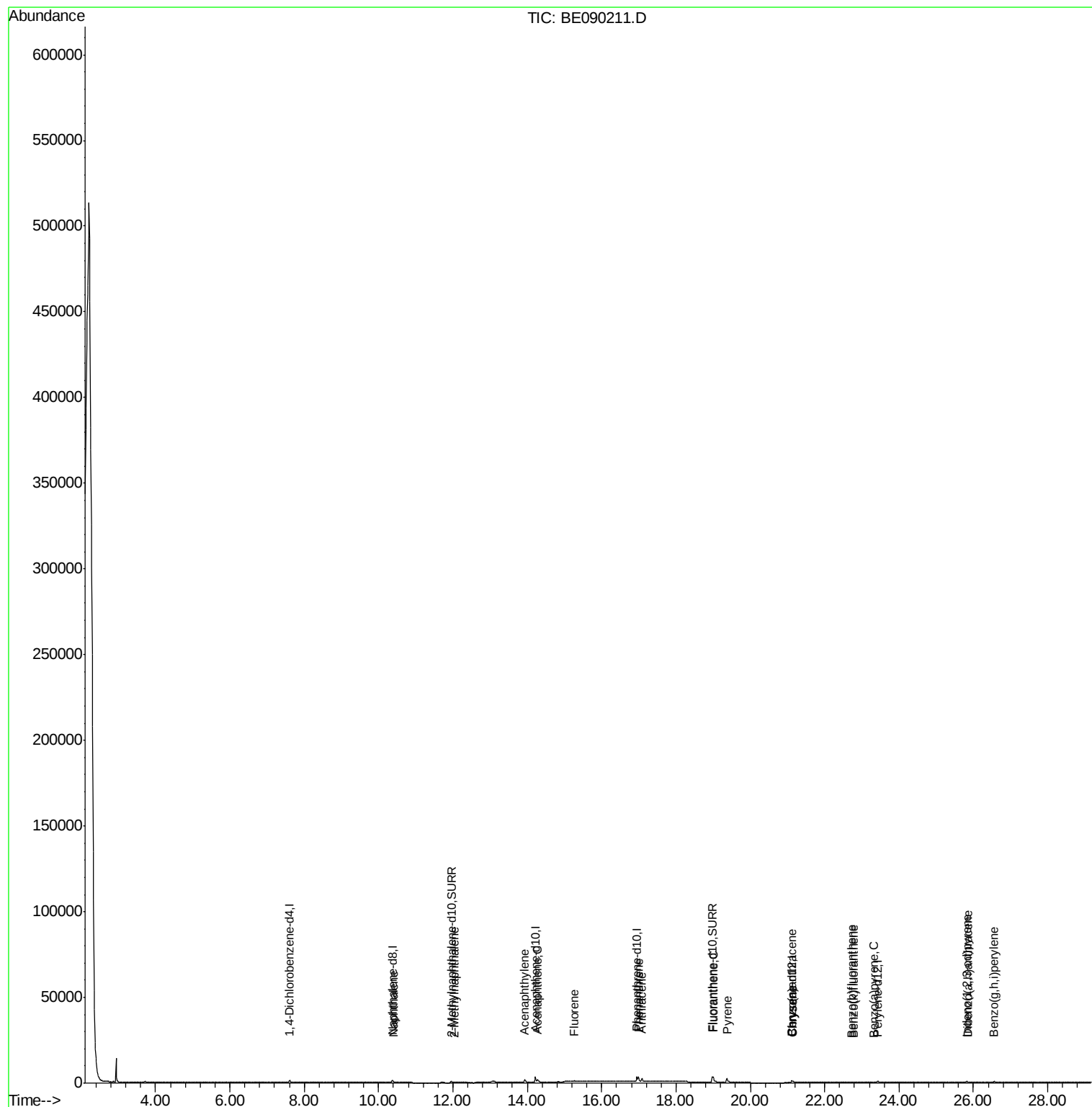
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090211.D
Acq On : 21 Jul 2015 22:15
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Sample : MDL-02-S
Misc : MDL-SIM-SOIL-0.07PPM
ALS Vial : 10 Sample Multiplier: 1

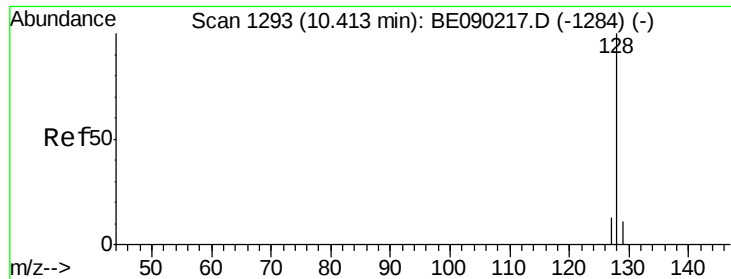
Instrument :
BNA_E
ClientSampleId :
MDL-02-S

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Quant Time: Jul 22 05:22:31 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 04:13:39 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BE090211.D

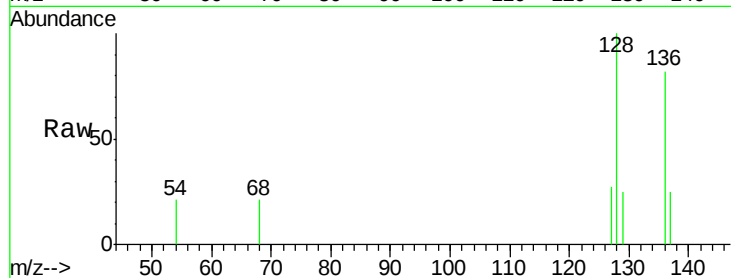
Acq: 21 Jul 2015 22:15

Instrument :

BNA_E

ClientSampleId :

MDL-02-S



Tgt Ion:128 Resp: 478

Ion Ratio Lower Upper

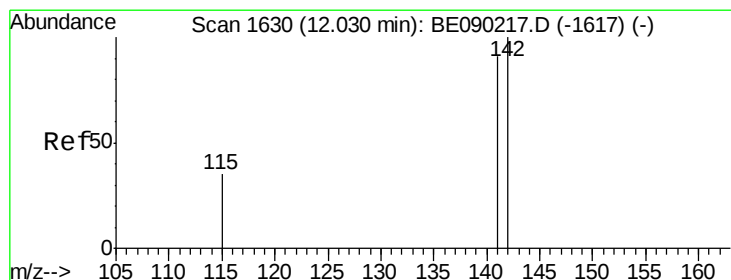
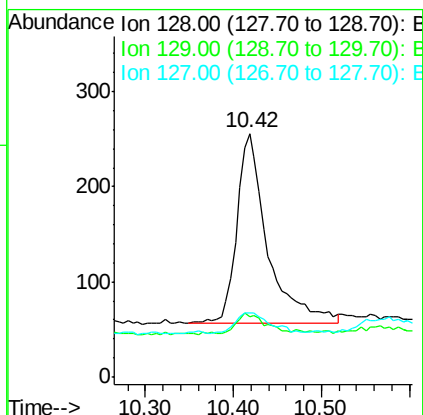
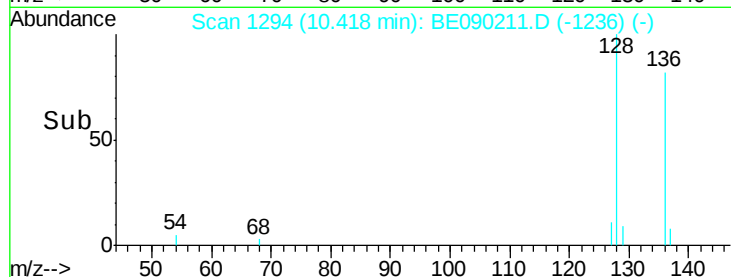
128 100

129 25.0 10.2 15.2#

127 26.6 11.8 17.6#

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#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.03 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE090211.D

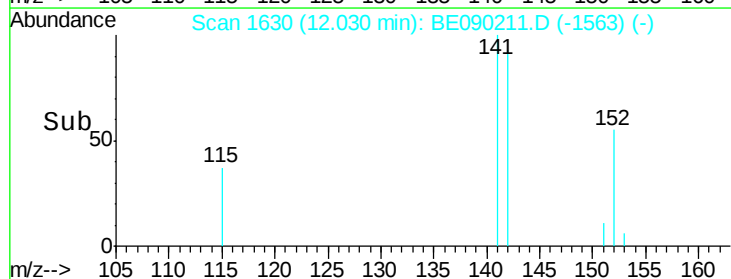
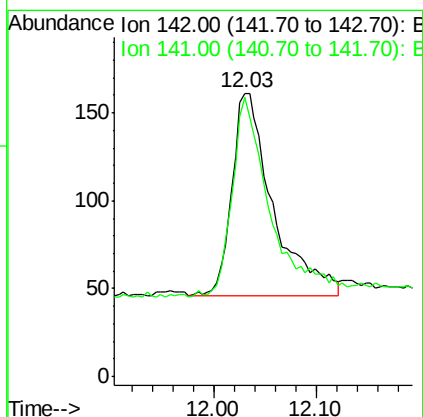
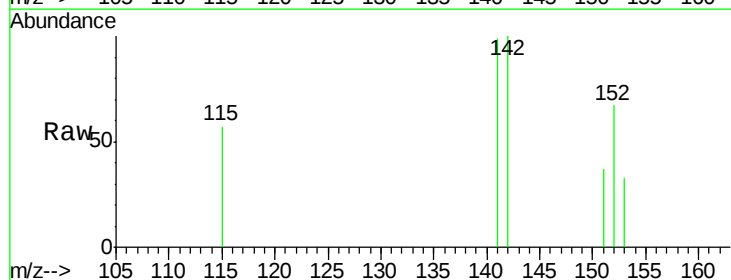
Acq: 21 Jul 2015 22:15

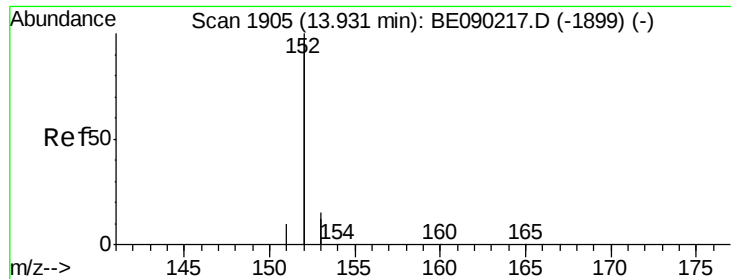
Tgt Ion:142 Resp: 321

Ion Ratio Lower Upper

142 100

141 88.2 73.0 109.6





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090211.D

Acq: 21 Jul 2015 22:15

Instrument :

BNA_E

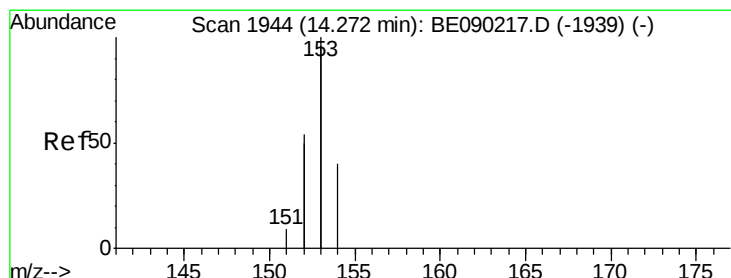
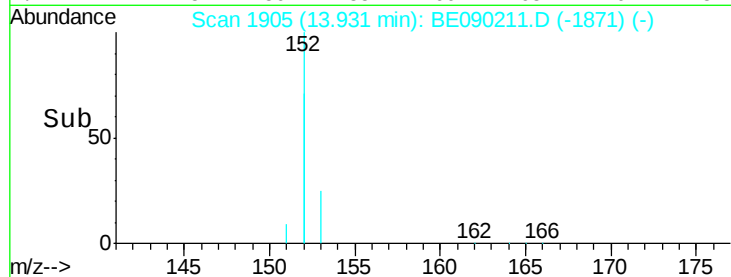
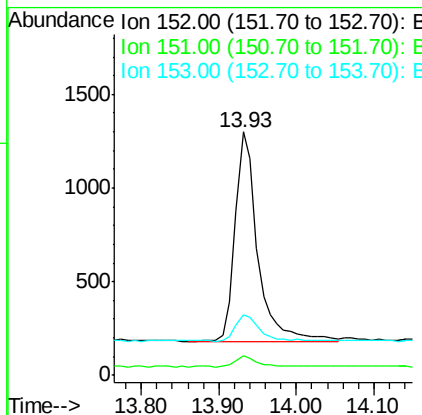
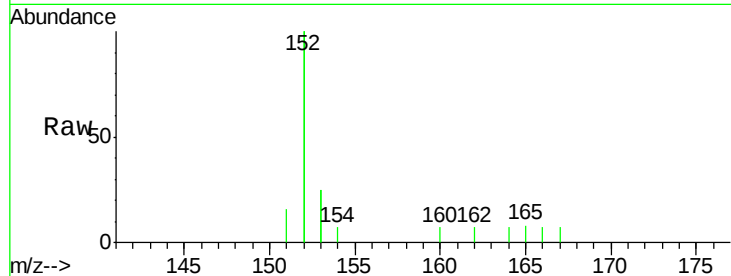
ClientSampleId :

MDL-02-S

Tgt Ion:	152	Resp:	2276
Ion Ratio	Lower	Upper	
152	100		
151	8.2	4.2	6.4#
153	24.8	11.5	17.3#

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#8

Acenaphthene

Concen: 0.05 ng/ul

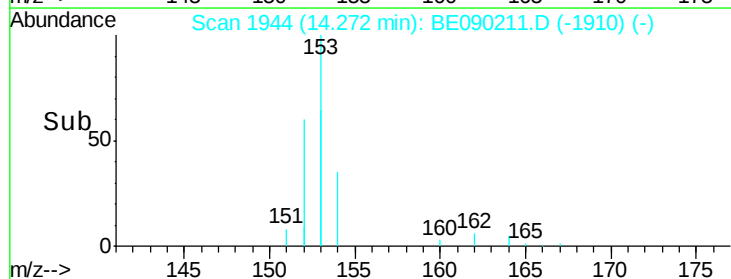
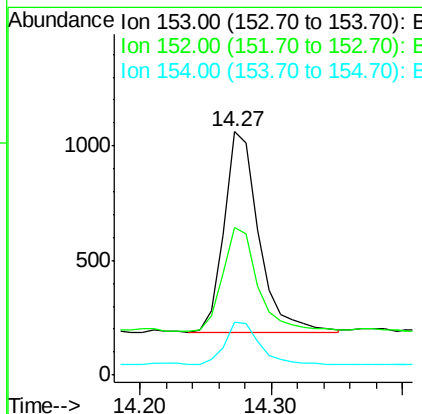
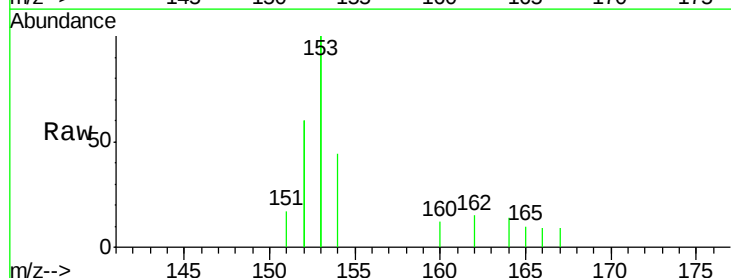
RT: 14.27 min Scan# 1944

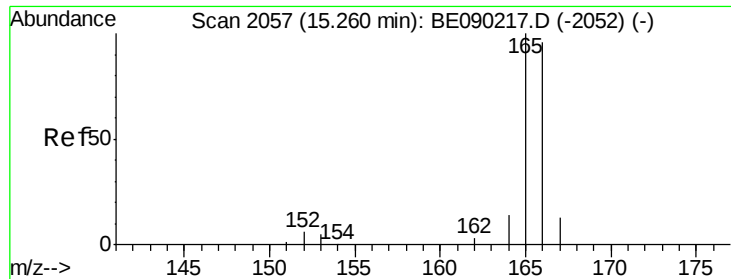
Delta R.T. -0.00 min

Lab File: BE090211.D

Acq: 21 Jul 2015 22:15

Tgt Ion:	153	Resp:	1604
Ion Ratio	Lower	Upper	
153	100		
152	60.5	45.0	67.4
154	21.8	16.8	25.2





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090211.D

Acq: 21 Jul 2015 22:15

Instrument :

BNA_E

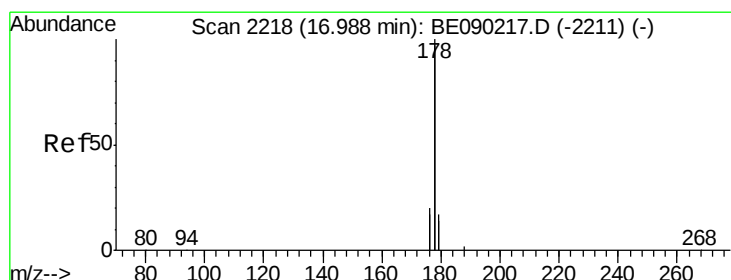
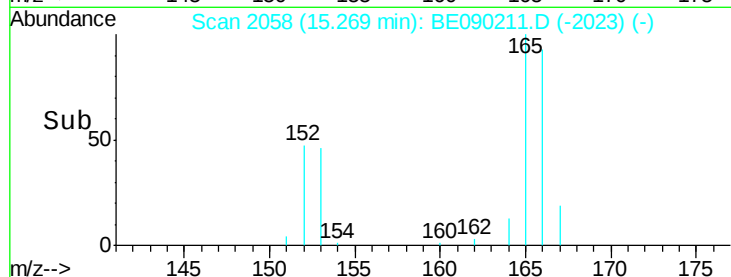
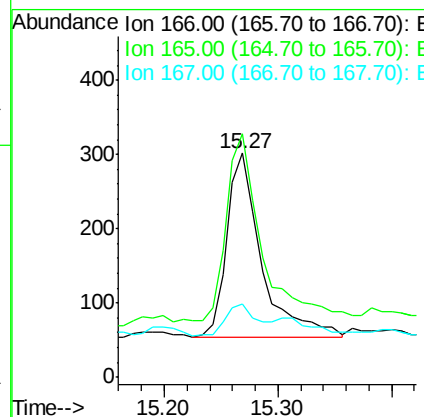
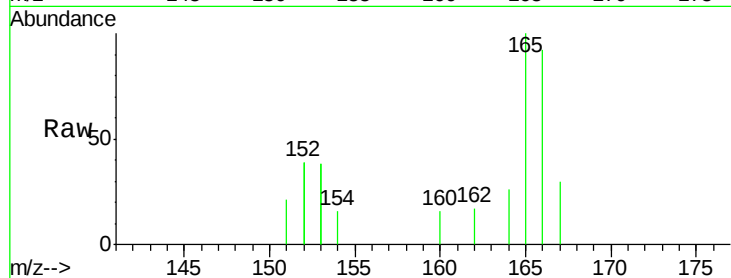
ClientSampleId :

MDL-02-S

Tgt Ion:	166	Resp:	533
Ion Ratio	Lower	Upper	
166	100		
165	108.6	81.9	122.9
167	32.5	12.2	18.2#

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#12

Phenanthrene

Concen: 0.06 ng/ul

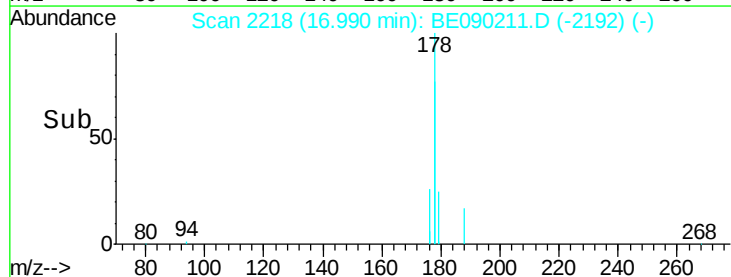
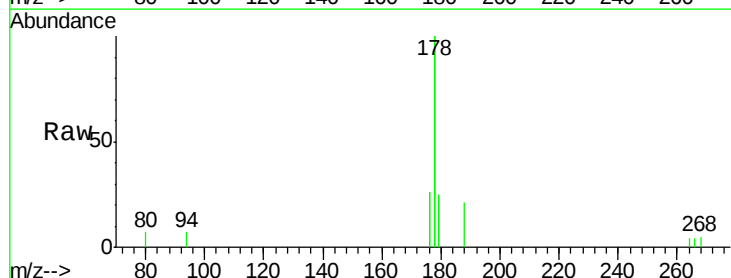
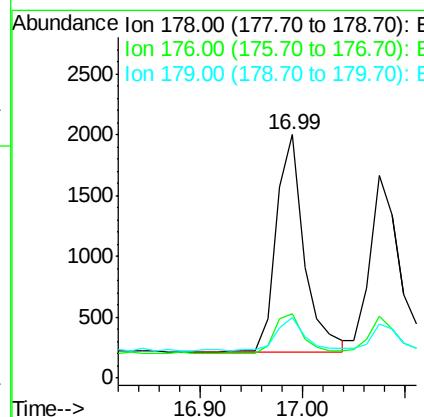
RT: 16.99 min Scan# 2218

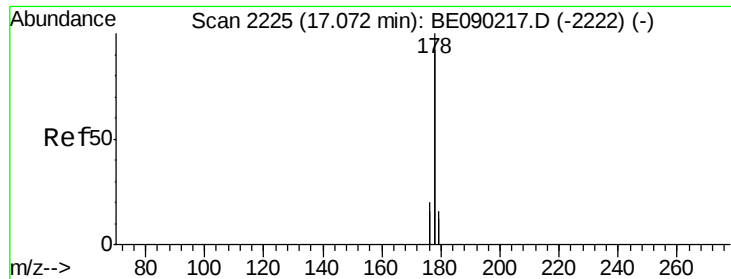
Delta R.T. 0.01 min

Lab File: BE090211.D

Acq: 21 Jul 2015 22:15

Tgt Ion:	178	Resp:	3393
Ion Ratio	Lower	Upper	
178	100		
176	26.4	17.6	26.4
179	25.0	12.2	18.4#





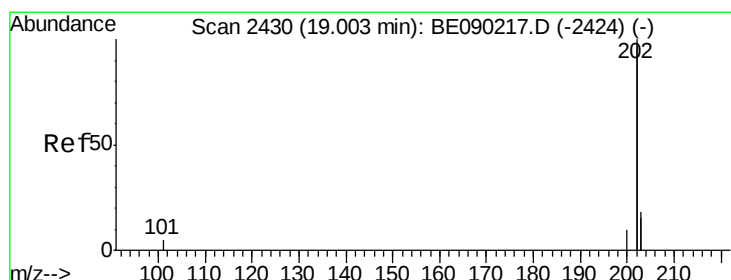
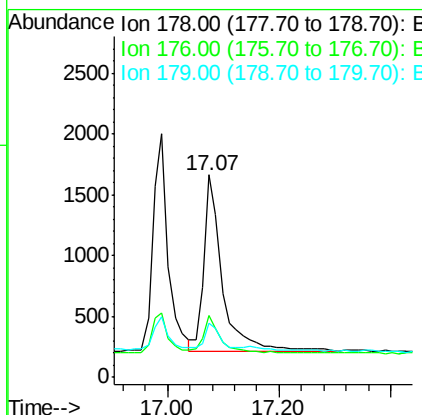
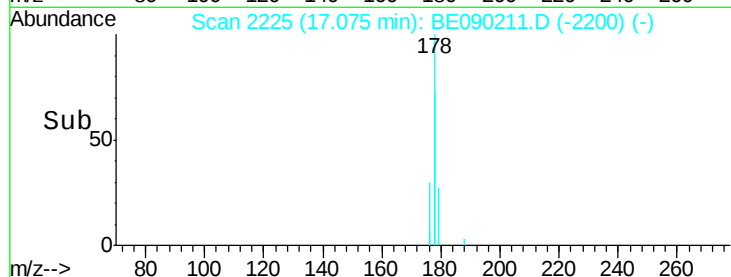
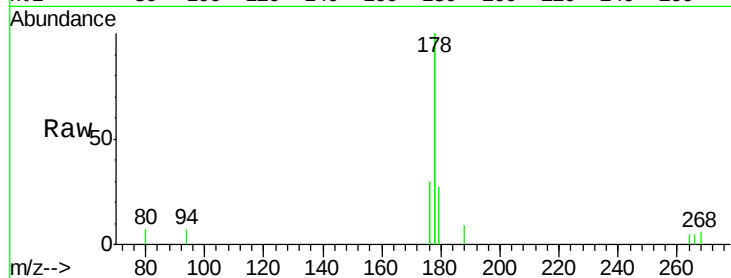
#13
 Anthracene
 Concen: 0.06 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BE090211.D
 Acq: 21 Jul 2015 22:15

Instrument :
 BNA_E
 ClientSampled :
 MDL-02-S

Tgt Ion:178 Resp: 3355
 Ion Ratio Lower Upper
 178 100
 176 30.3 15.9 23.9#
 179 26.7 13.3 19.9#

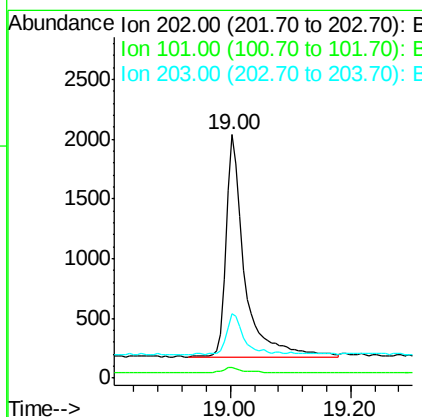
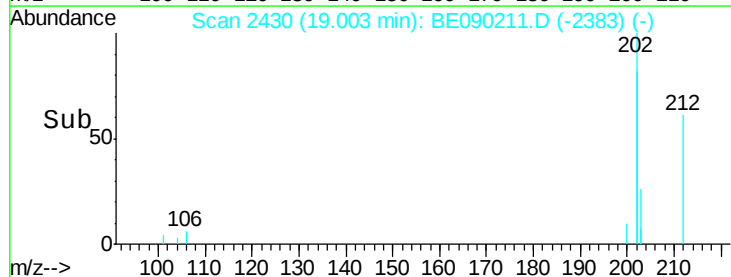
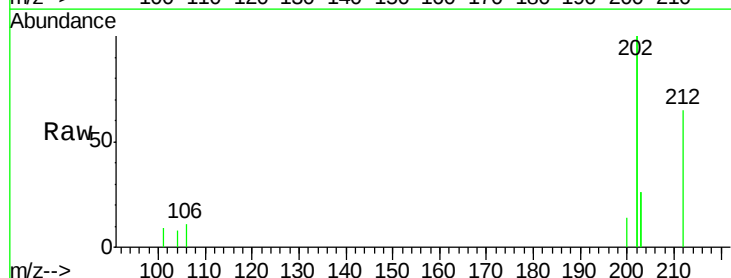
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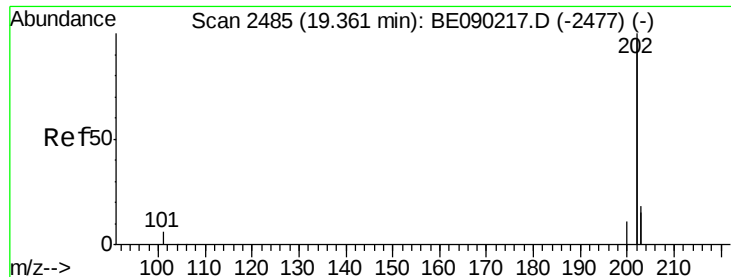
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#15
 Fluoranthene
 Concen: 0.06 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090211.D
 Acq: 21 Jul 2015 22:15

Tgt Ion:202 Resp: 4002
 Ion Ratio Lower Upper
 202 100
 101 4.5 0.0 23.0
 203 26.4 0.0 37.8





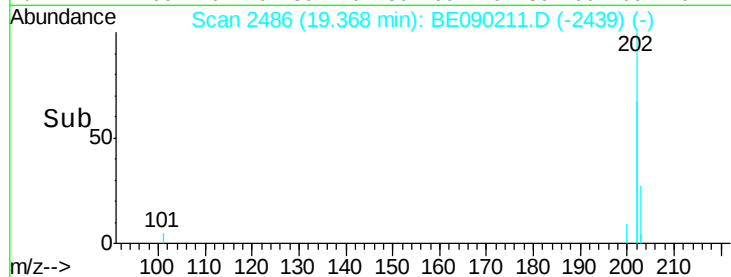
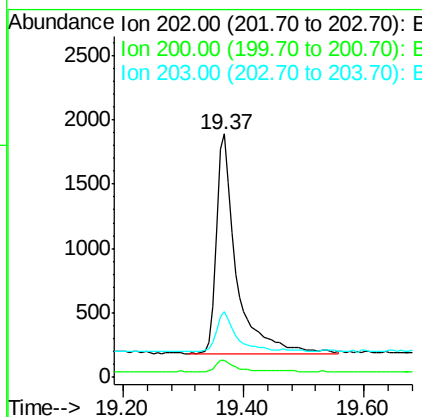
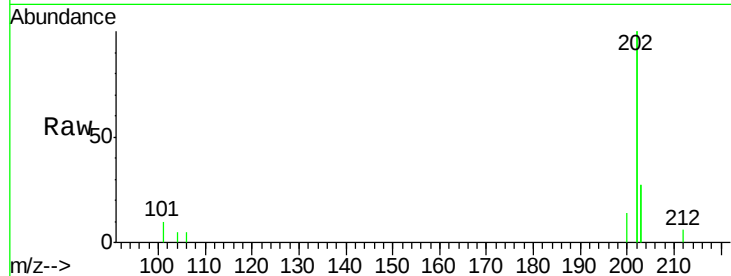
#17
 Pyrene
 Concen: 0.08 ng/ul
 RT: 19.37 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BE090211.D
 Acq: 21 Jul 2015 22:15

Instrument :
 BNA_E
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Lower	Upper
202	100		
200	7.1	4.4	6.6#
203	27.0	14.6	22.0#

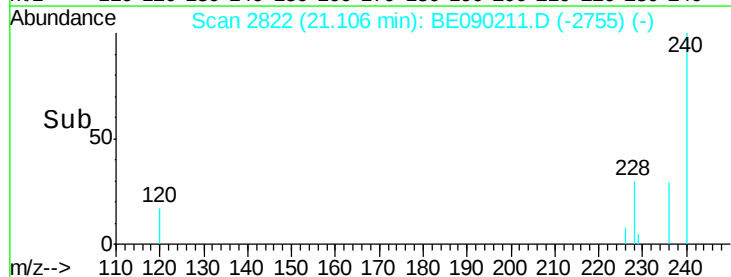
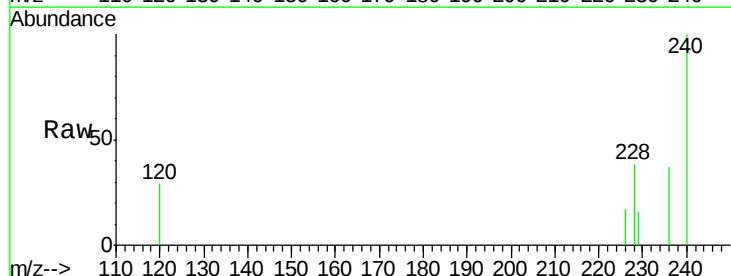
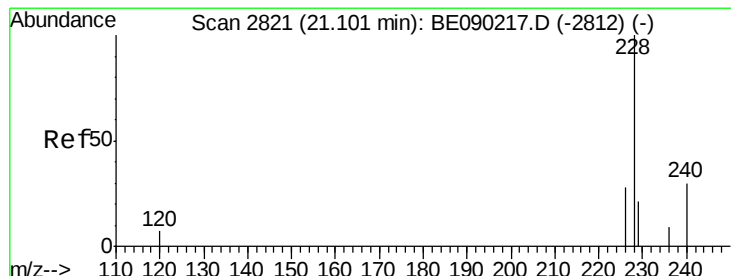
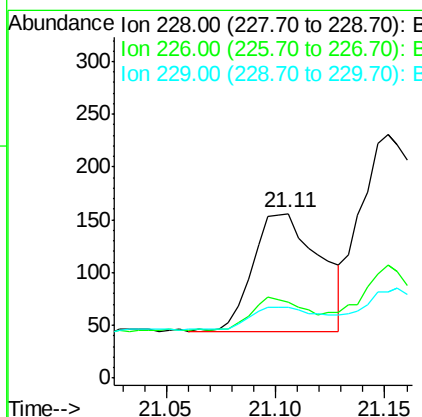
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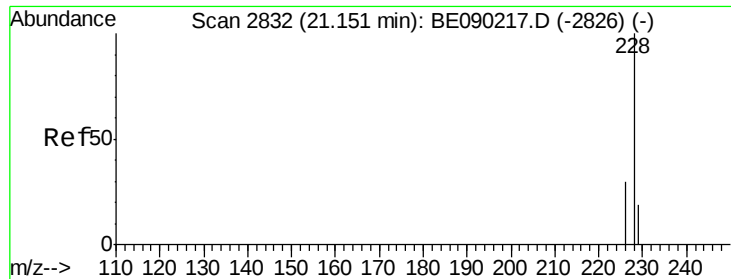
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#18
 Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 21.11 min Scan# 2822
 Delta R.T. 0.01 min
 Lab File: BE090211.D
 Acq: 21 Jul 2015 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.2	24.1	36.1#
229	42.9	17.9	26.9#





#19

Chrysene

Concen: 0.06 ng/ul m

RT: 21.15 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE090211.D

Acq: 21 Jul 2015 22:15

Instrument :

BNA_E

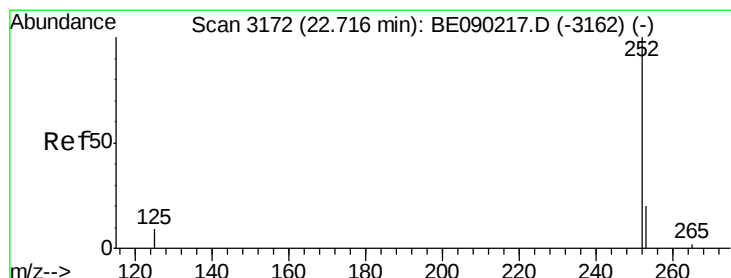
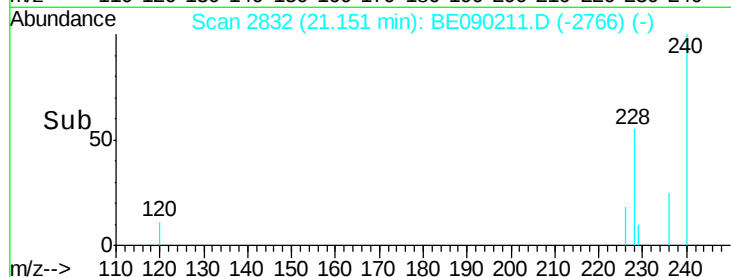
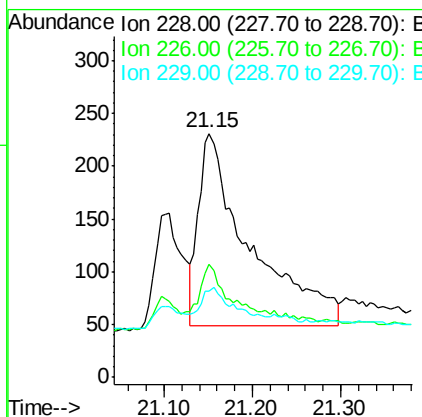
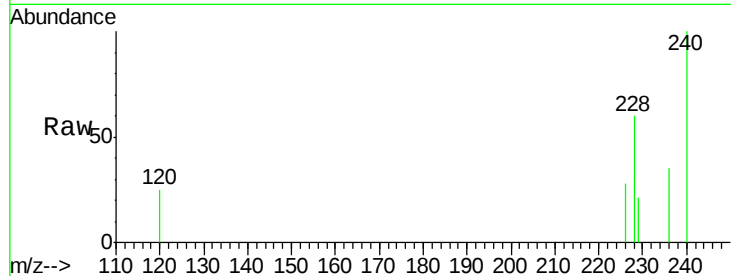
ClientSampleId :

MDL-02-S

Tgt Ion:	228	Resp:	735
Ion Ratio	Lower	Upper	
228	100		
226	46.3	24.6	36.8#
229	35.1	17.4	26.2#

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#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

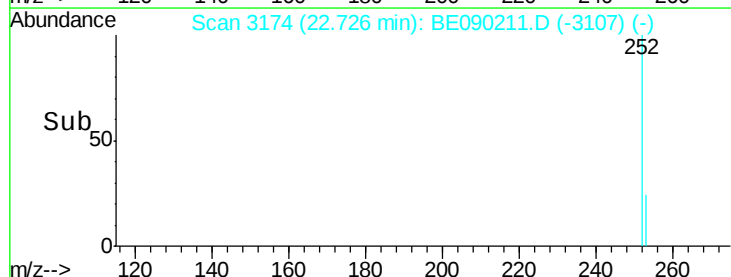
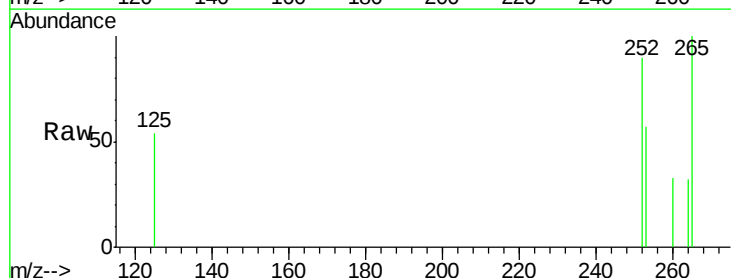
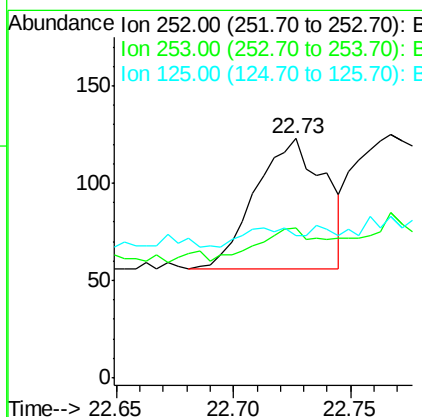
RT: 22.73 min Scan# 3174

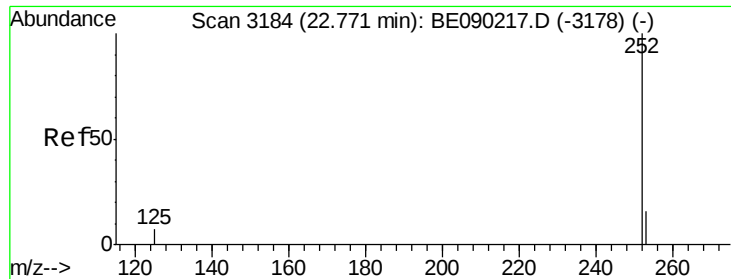
Delta R.T. 0.00 min

Lab File: BE090211.D

Acq: 21 Jul 2015 22:15

Tgt Ion:	252	Resp:	138
Ion Ratio	Lower	Upper	
252	100		
253	62.6	0.0	56.8#
125	59.3	0.0	37.0#





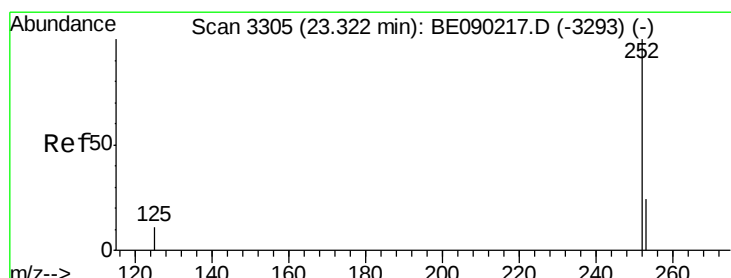
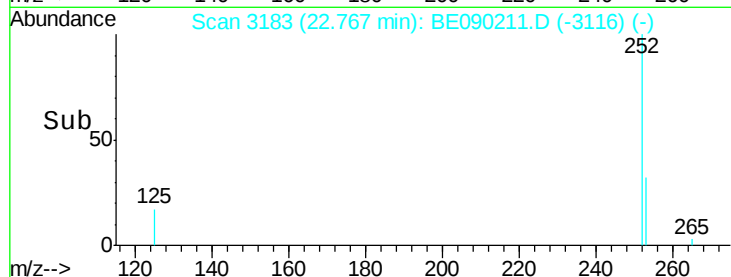
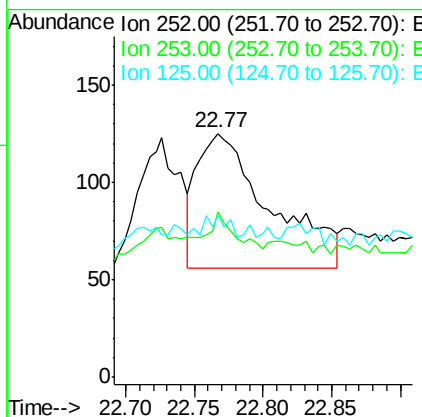
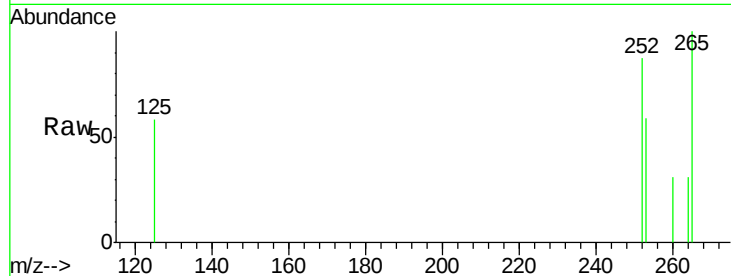
#22
Benzo(k)fluoranthene
Concen: 0.04 ng/ul m
RT: 22.77 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BE090211.D
Acq: 21 Jul 2015 22:15

Instrument :
BNA_E
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	68.0	19.5	29.3#
125	66.4	11.9	17.9#

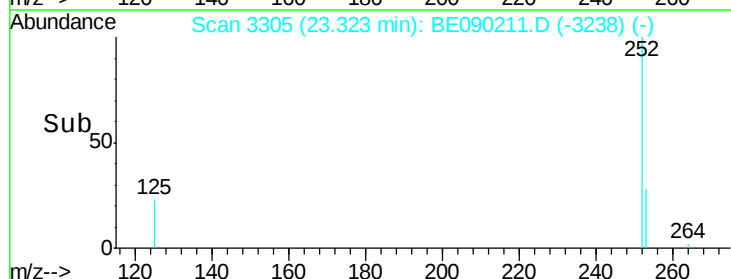
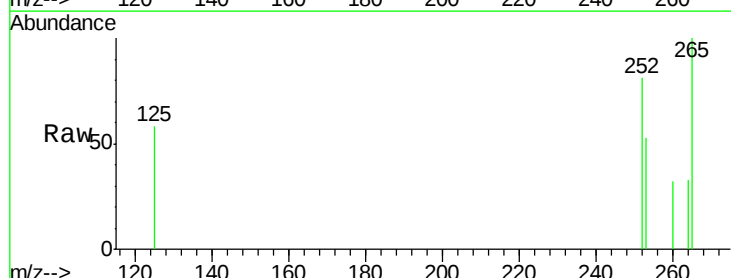
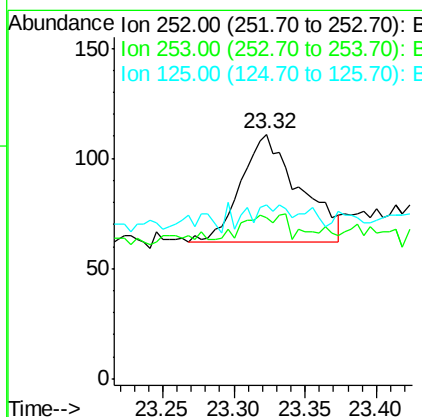
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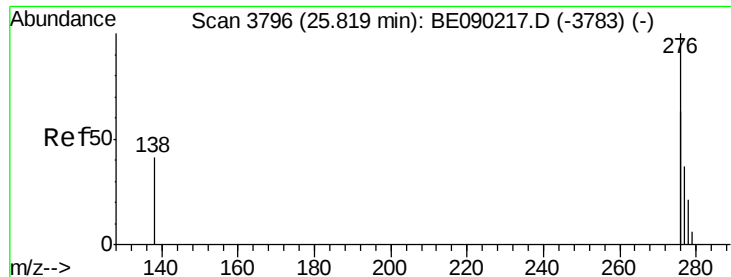
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#23
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. 0.00 min
Lab File: BE090211.D
Acq: 21 Jul 2015 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	65.8	23.7	35.5#
125	71.2	15.4	23.2#





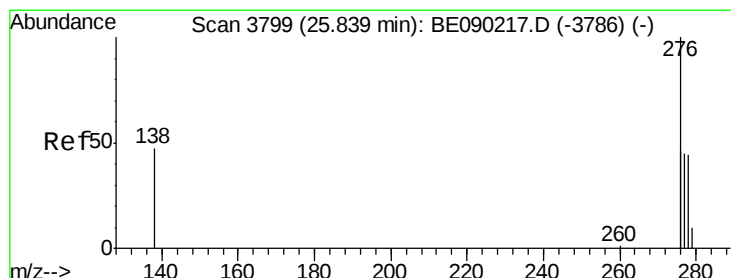
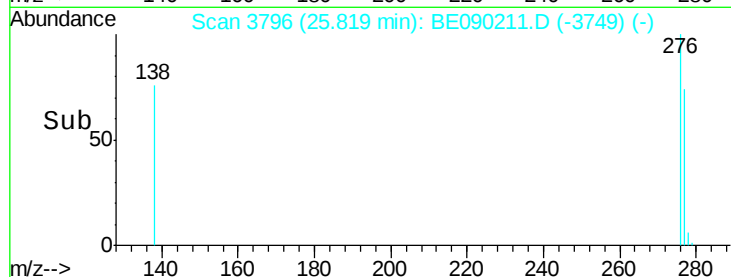
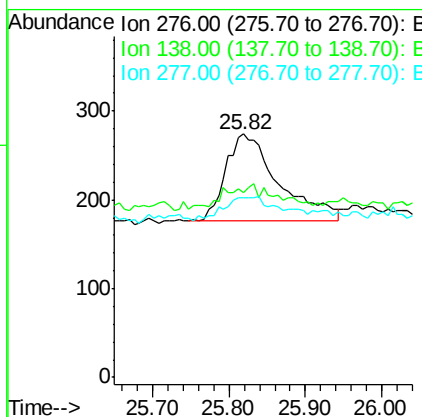
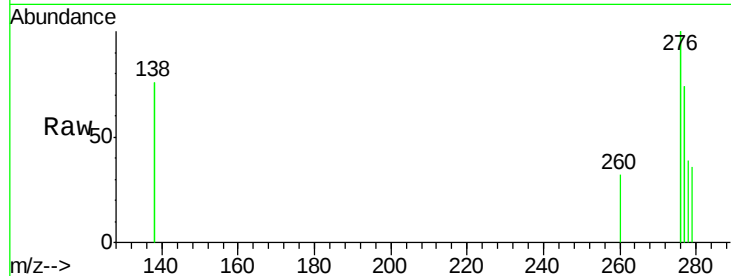
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. 0.00 min
 Lab File: BE090211.D
 Acq: 21 Jul 2015 22:15

Instrument :
 BNA_E
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.9	25.3#
277	25.0	17.0	25.4

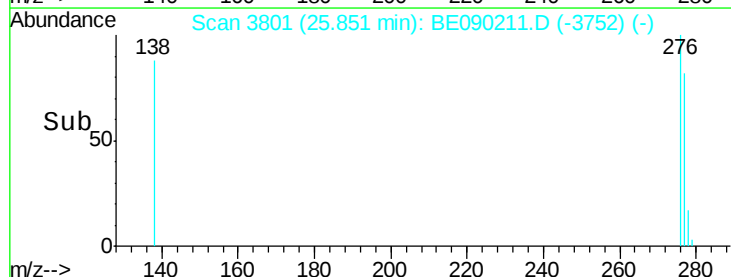
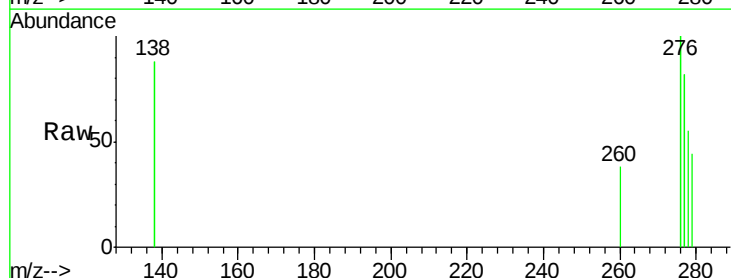
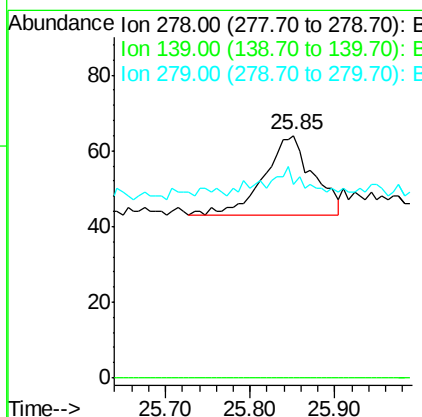
Manual Integrations
 APPROVED

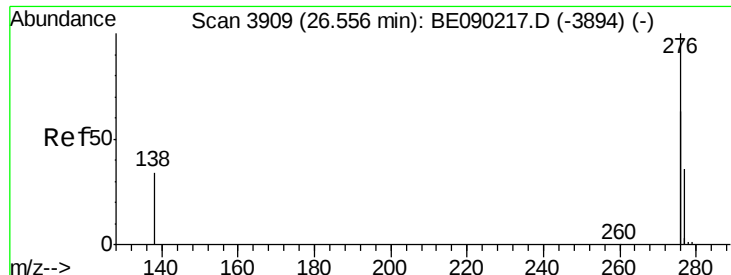
apatel
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.05 ng/ul
 RT: 25.85 min Scan# 3801
 Delta R.T. 0.02 min
 Lab File: BE090211.D
 Acq: 21 Jul 2015 22:15

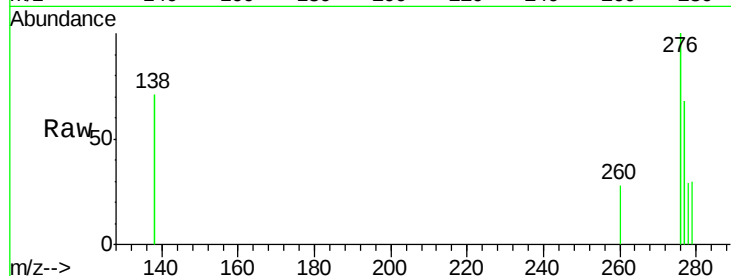
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	79.7	30.1	45.1#





#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BE090211.D
Acq: 21 Jul 2015 22:15

Instrument :
BNA_E
ClientSampleId :
MDL-02-S



Tgt Ion	Ratio	Lower	Upper
276	100		
277	67.5	24.6	36.8#
138	70.6	23.5	35.3#

Manual Integrations
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