

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090212.D
 Acq On : 21 Jul 2015 22:51
 Operator : TP/IZ
 Sample : MDL-03-S
 Misc : MDL-SIM-SOIL-0.07PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-03-S

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Quant Time: Jul 22 05:24:14 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	710	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3371	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2010	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5433	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3042	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	1559	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2090	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6455	0.42	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.41	128	535	0.06	ng/ul#	66
5) 2-Methylnaphthalene	12.03	142	352	0.06	ng/ul	95
7) Acenaphthylene	13.93	152	2549	0.06	ng/ul#	82
8) Acenaphthene	14.27	153	1964	0.06	ng/ul	95
9) Fluorene	15.27	166	564	0.06	ng/ul#	88
12) Phenanthrene	16.99	178	3830	0.06	ng/ul#	86
13) Anthracene	17.07	178	3877	0.06	ng/ul#	82
15) Fluoranthene	19.00	202	4530	0.06	ng/ul	87
17) Pyrene	19.37	202	4427	0.09	ng/ul#	86
18) Benzo(a)anthracene	21.10	228	230	0.05	ng/ul#	62
19) Chrysene	21.15	228	888m	0.07	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	148	0.07	ng/ul#	25
22) Benzo(k)fluoranthene	22.77	252	257m	0.04	ng/ul	
23) Benzo(a)pyrene	23.32	252	164	0.05	ng/ul#	25
24) Indeno(1,2,3-cd)pyrene	25.81	276	528	0.06	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.83	278	83	0.06	ng/ul#	34
26) Benzo(g,h,i)perylene	26.54	276	741	0.06	ng/ul#	29

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

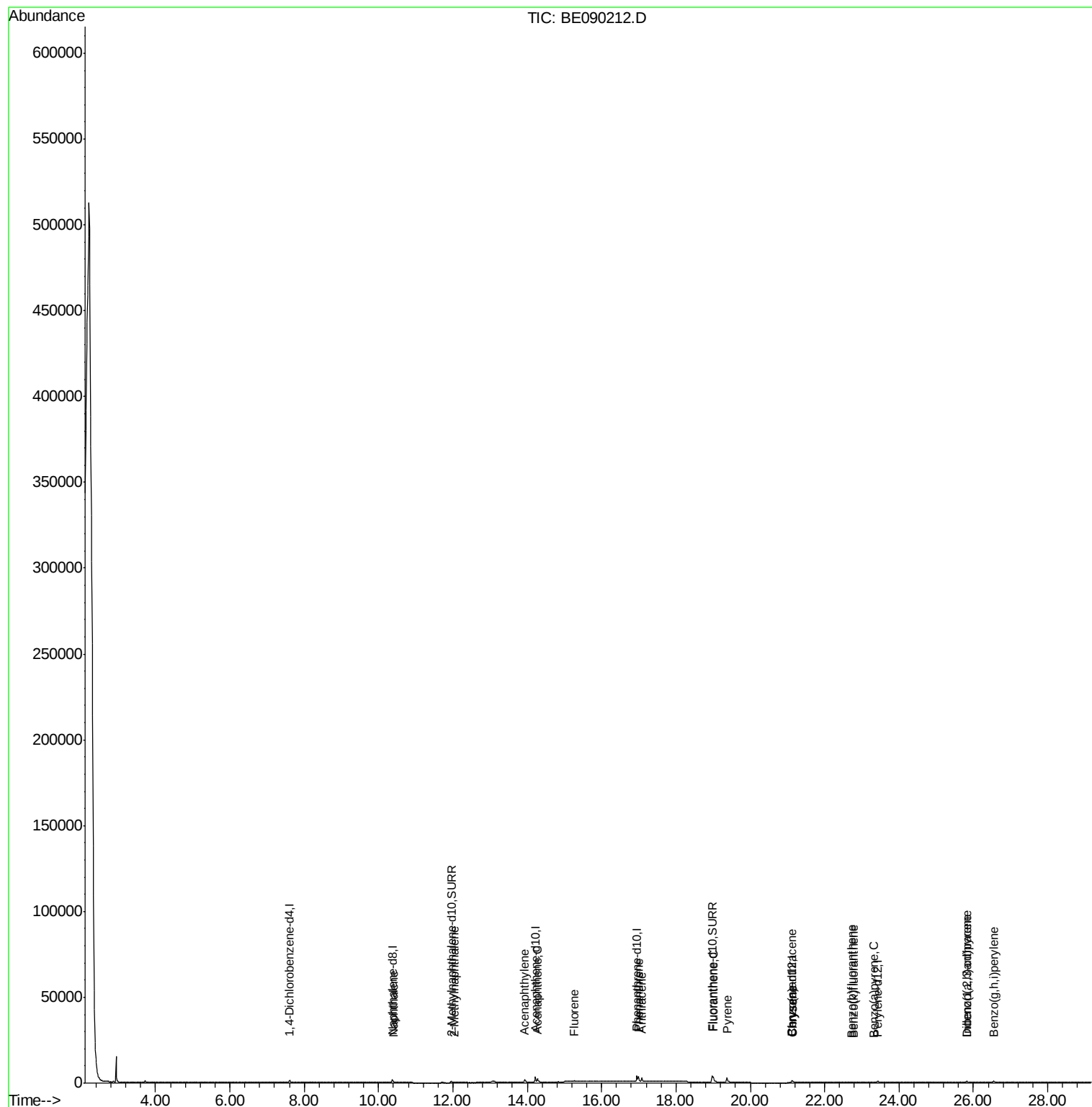
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090212.D
Acq On : 21 Jul 2015 22:51
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SIM-SOIL-0.07PPM
ALS Vial : 11 Sample Multiplier: 1

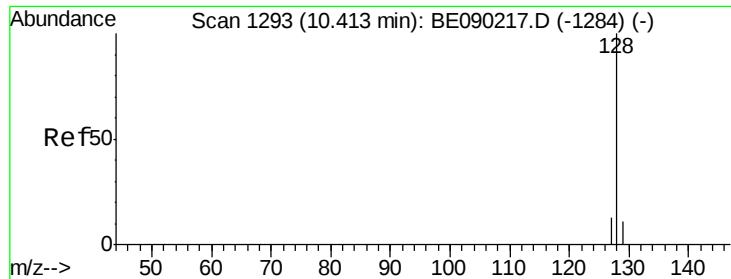
Instrument :
BNA_E
ClientSampleId :
MDL-03-S

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Quant Time: Jul 22 05:24:14 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: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090212.D

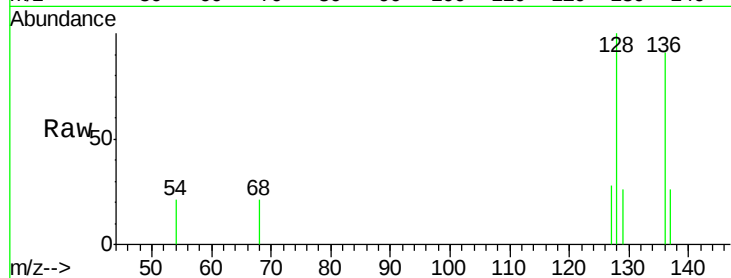
Acq: 21 Jul 2015 22:51

Instrument :

BNA_E

ClientSampleId :

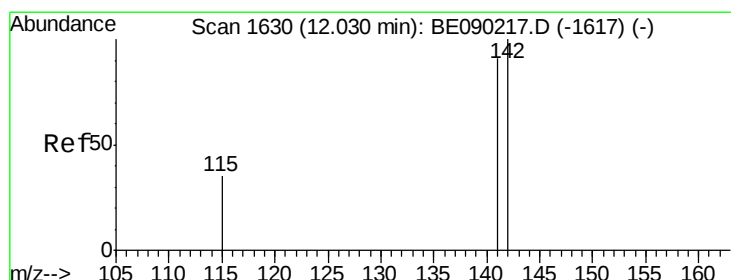
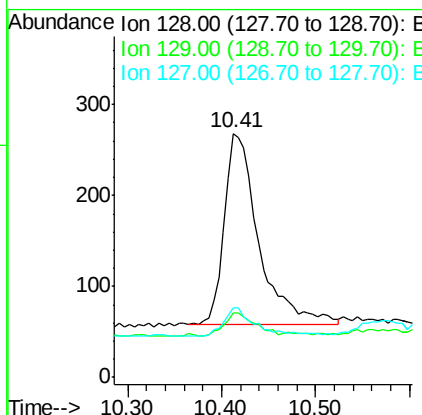
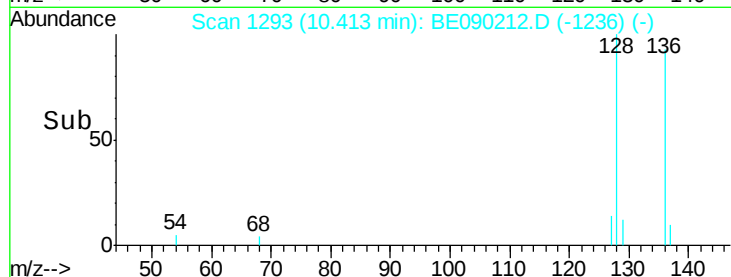
MDL-03-S



Tgt Ion:	128	Resp:	535
Ion Ratio	Lower	Upper	
128	100		
129	26.5	10.2	15.2#
127	28.4	11.8	17.6#

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#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

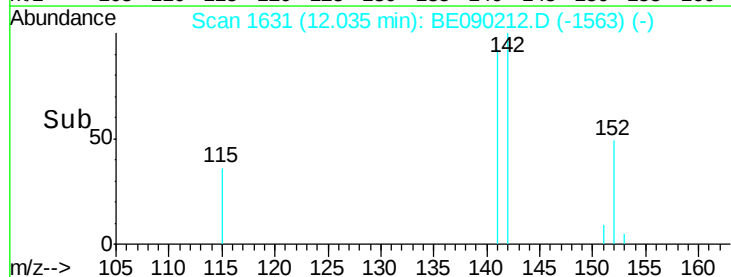
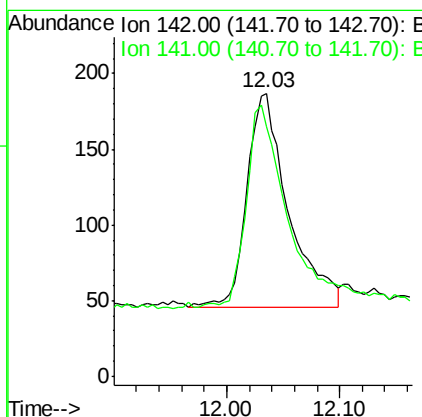
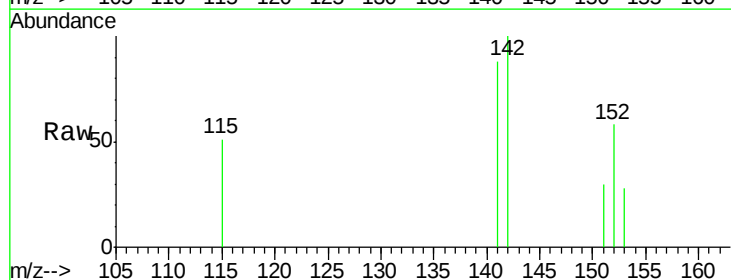
RT: 12.03 min Scan# 1631

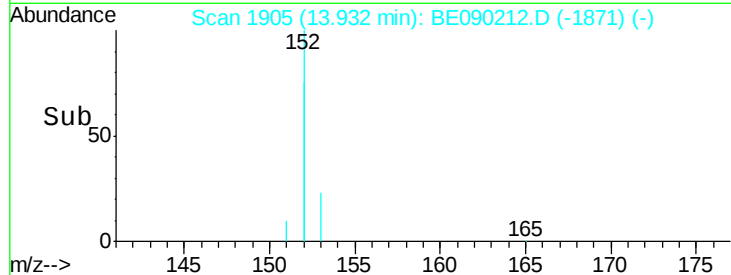
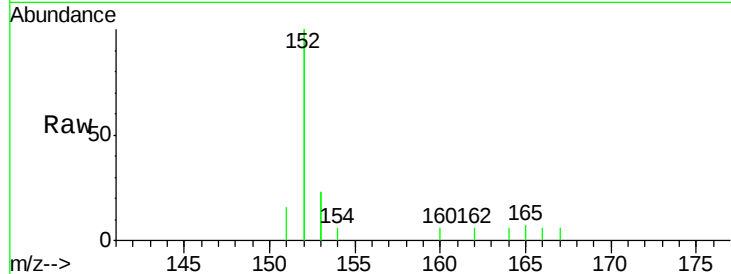
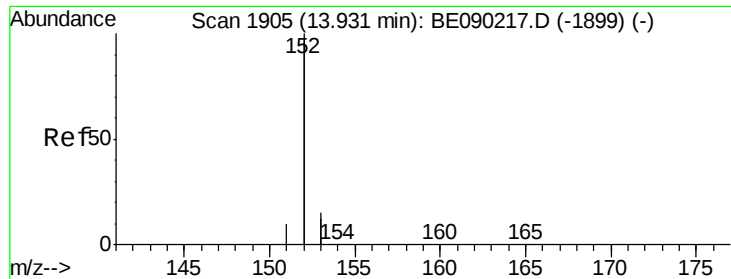
Delta R.T. 0.01 min

Lab File: BE090212.D

Acq: 21 Jul 2015 22:51

Tgt Ion:	142	Resp:	352
Ion Ratio	Lower	Upper	
142	100		
141	96.3	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: BE090212.D

Acq: 21 Jul 2015 22:51

Instrument :

BNA_E

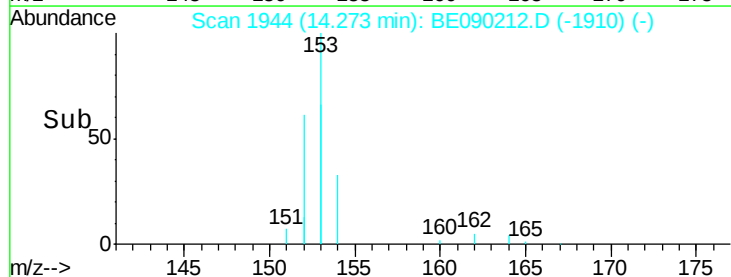
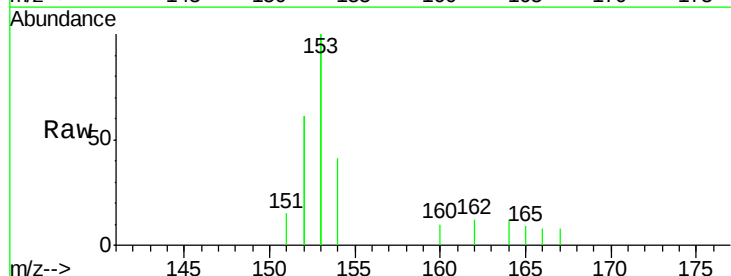
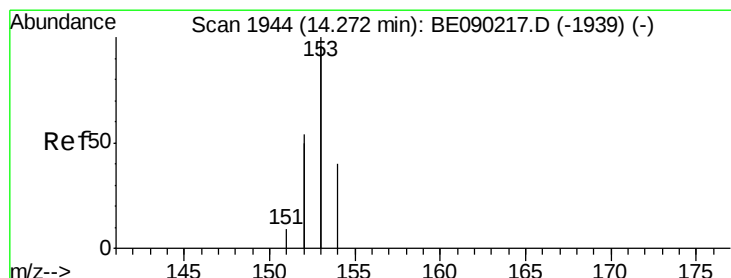
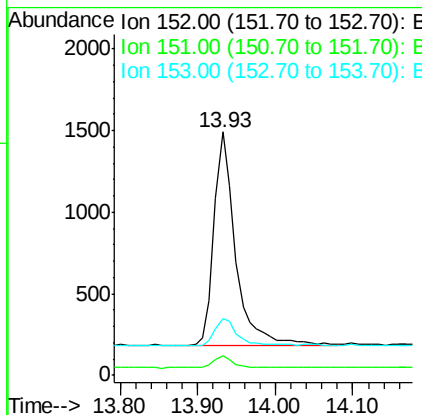
ClientSampleId :

MDL-03-S

Tgt Ion:	152	Resp:	2549
Ion Ratio	Lower	Upper	
152	100		
151	7.9	4.2	6.4#
153	23.5	11.5	17.3#

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#8

Acenaphthene

Concen: 0.06 ng/ul

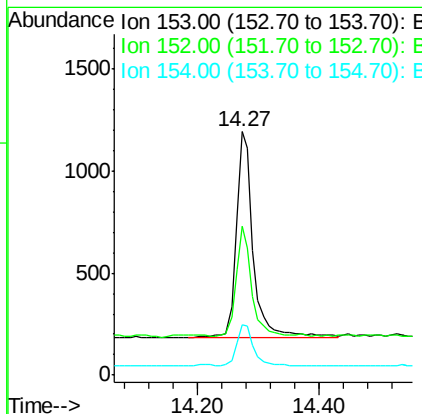
RT: 14.27 min Scan# 1944

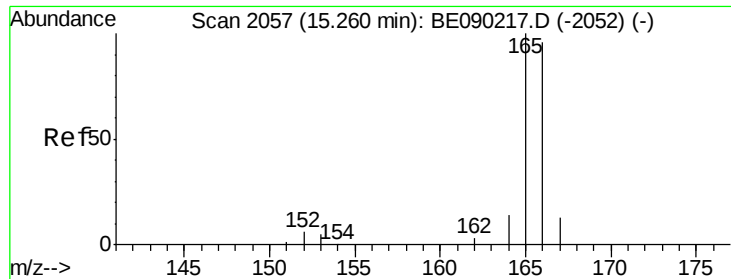
Delta R.T. 0.00 min

Lab File: BE090212.D

Acq: 21 Jul 2015 22:51

Tgt Ion:	153	Resp:	1964
Ion Ratio	Lower	Upper	
153	100		
152	61.1	45.0	67.4
154	20.5	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: BE090212.D

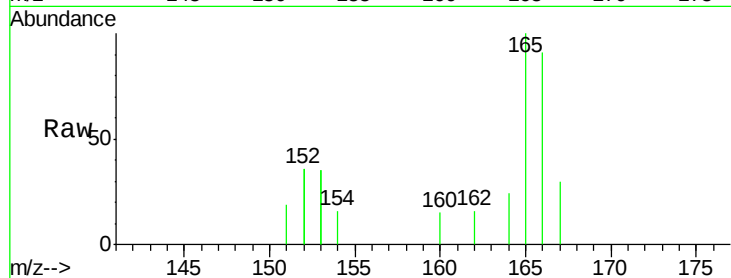
Acq: 21 Jul 2015 22:51

Instrument :

BNA_E

ClientSampleId :

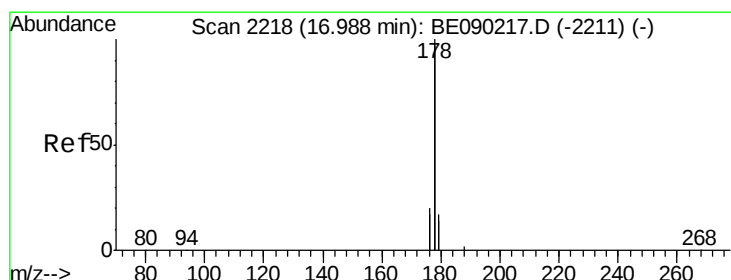
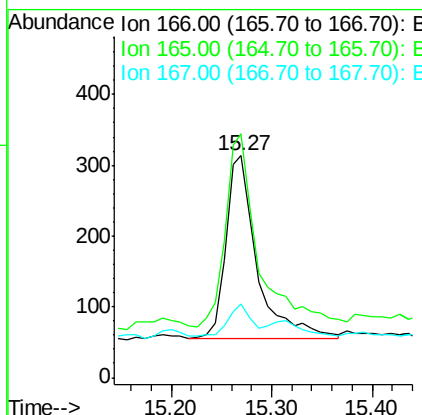
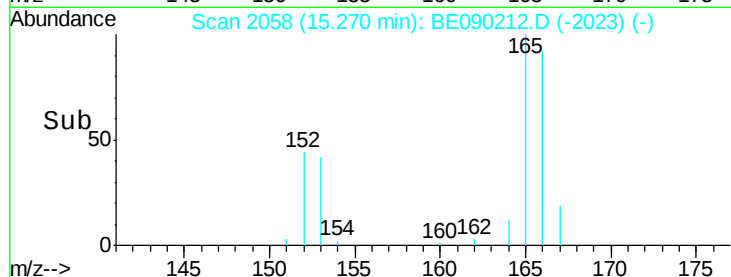
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Tgt Ion:	166	Resp:	564
Ion Ratio	Lower	Upper	
166	100		
165	109.9	81.9	122.9
167	33.2	12.2	18.2#

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#12

Phenanthrene

Concen: 0.06 ng/ul

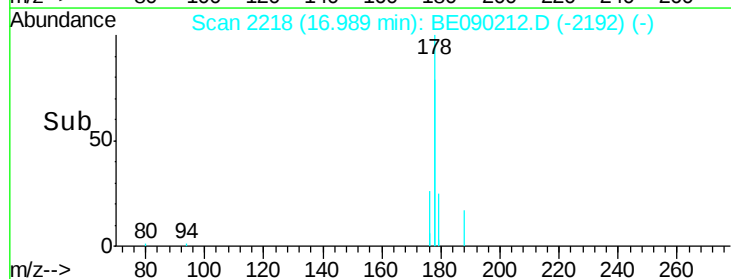
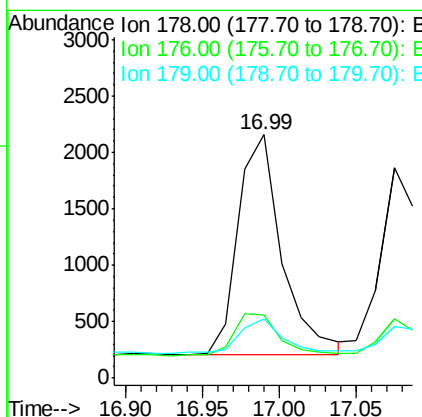
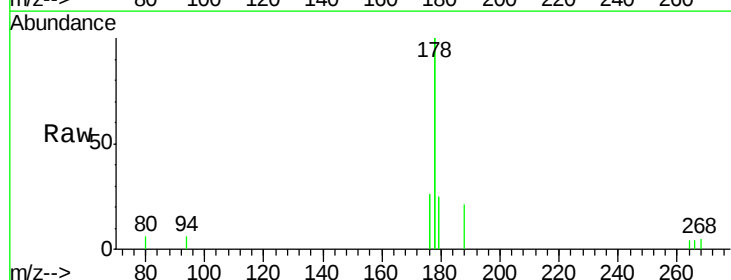
RT: 16.99 min Scan# 2218

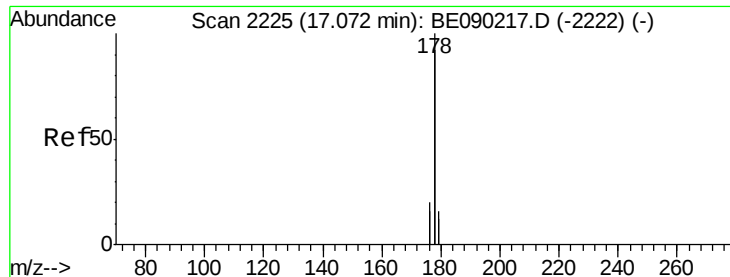
Delta R.T. 0.01 min

Lab File: BE090212.D

Acq: 21 Jul 2015 22:51

Tgt Ion:	178	Resp:	3830
Ion Ratio	Lower	Upper	
178	100		
176	25.8	17.6	26.4
179	24.6	12.2	18.4#





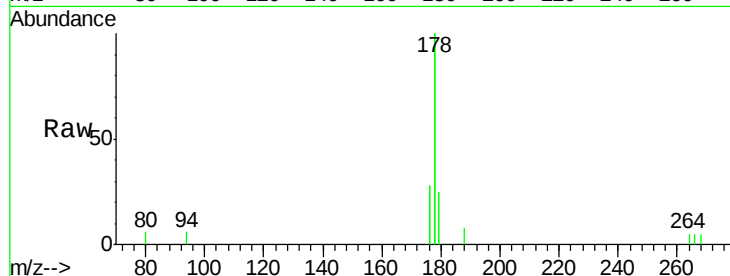
#13
 Anthracene
 Concen: 0.06 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090212.D
 Acq: 21 Jul 2015 22:51

Instrument :
 BNA_E
 ClientSampleId :
 MDL-03-S

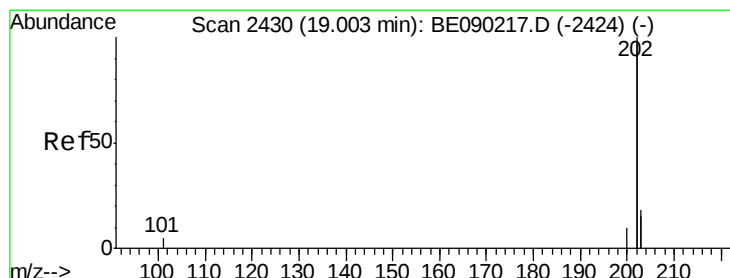
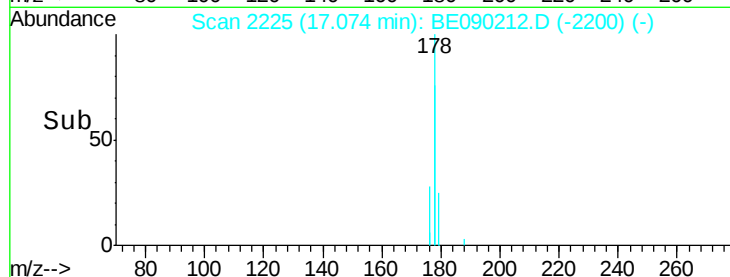
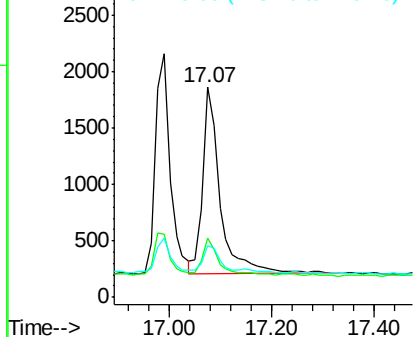
Tgt Ion	Ratio	Lower	Upper
178	100		
176	28.0	15.9	23.9#
179	24.8	13.3	19.9#

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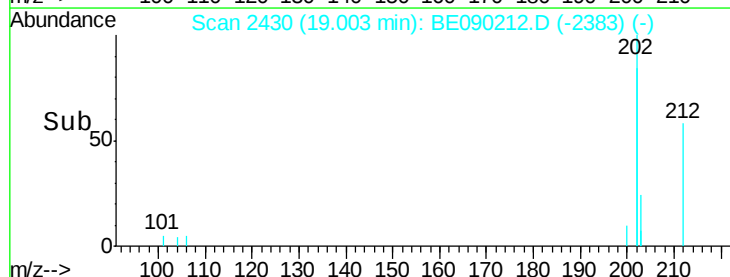
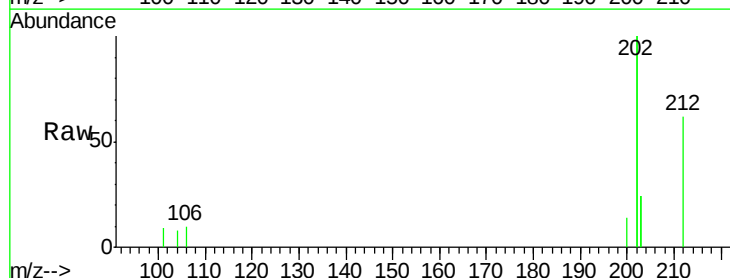
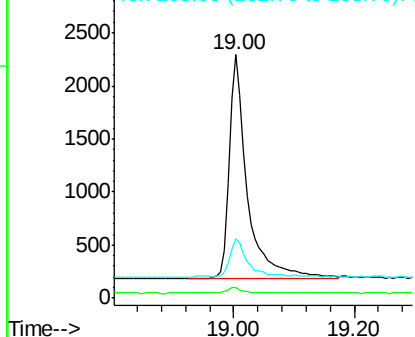
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

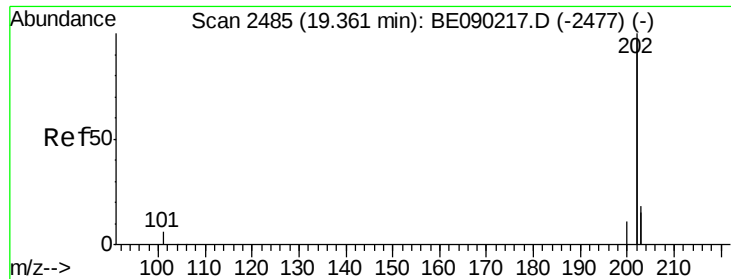


#15
 Fluoranthene
 Concen: 0.06 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090212.D
 Acq: 21 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	23.0
203	24.1	0.0	37.8

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





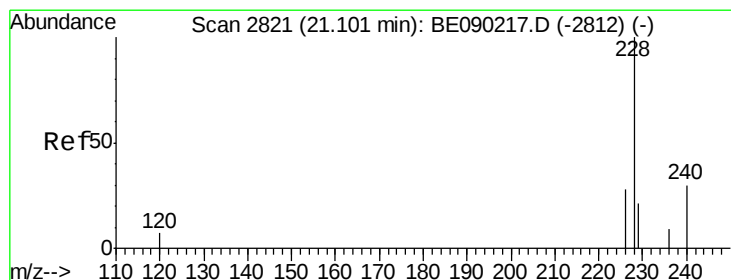
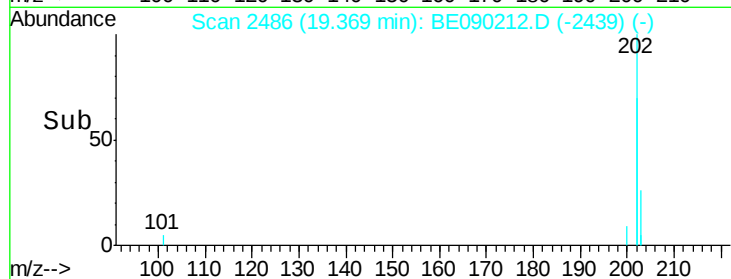
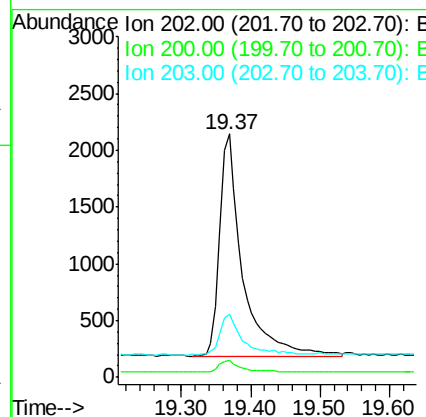
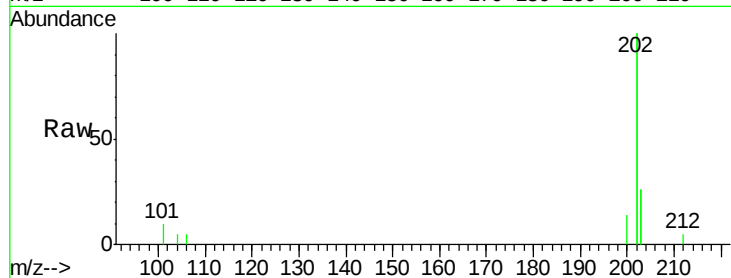
#17
Pyrene
Concen: 0.09 ng/ul
RT: 19.37 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BE090212.D
Acq: 21 Jul 2015 22:51

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.8	4.4	6.6#
203	25.7	14.6	22.0#

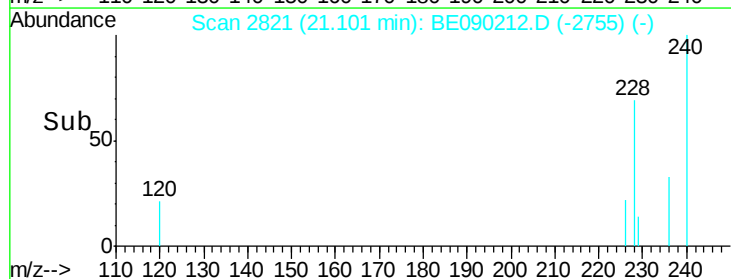
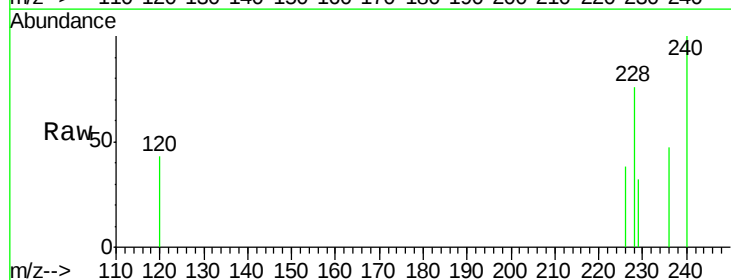
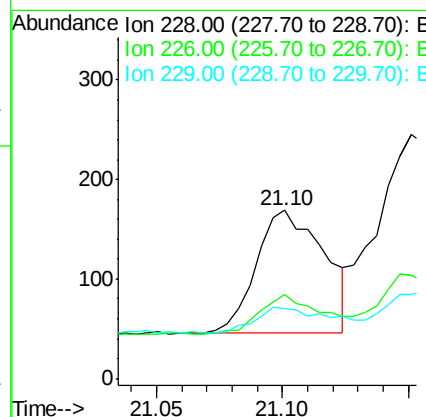
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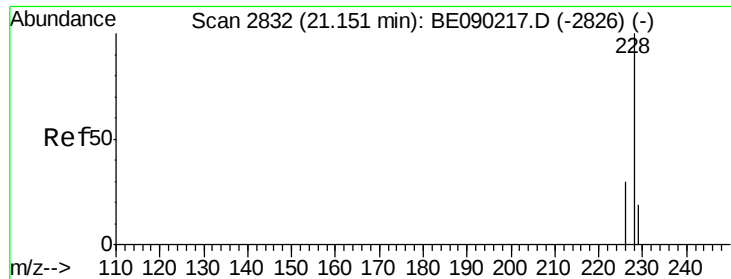
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#18
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090212.D
Acq: 21 Jul 2015 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	50.3	24.1	36.1#
229	41.4	17.9	26.9#





#19

Chrysene

Concen: 0.07 ng/ul m

RT: 21.15 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE090212.D

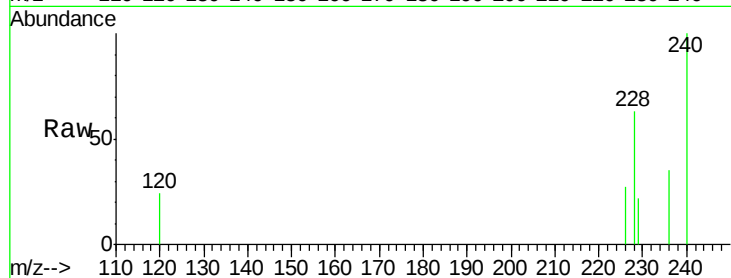
Acq: 21 Jul 2015 22:51

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:228 Resp: 888

Ion Ratio Lower Upper

228 100

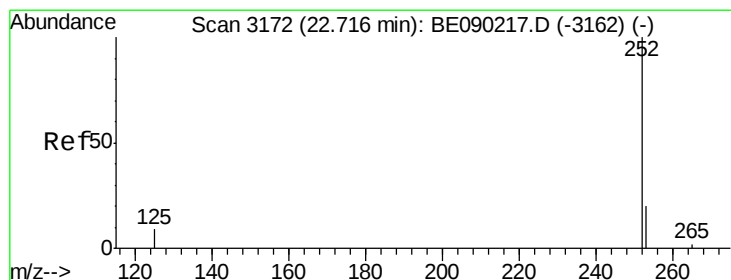
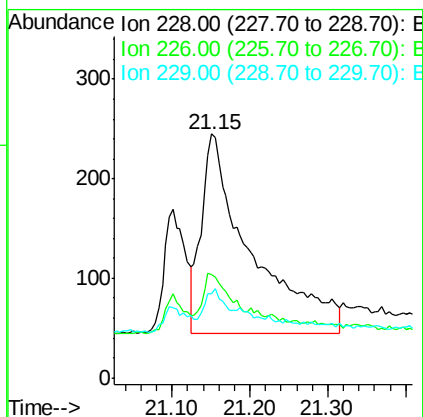
226 42.4 24.6 36.8#

229 34.3 17.4 26.2#

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#21

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE090212.D

Acq: 21 Jul 2015 22:51

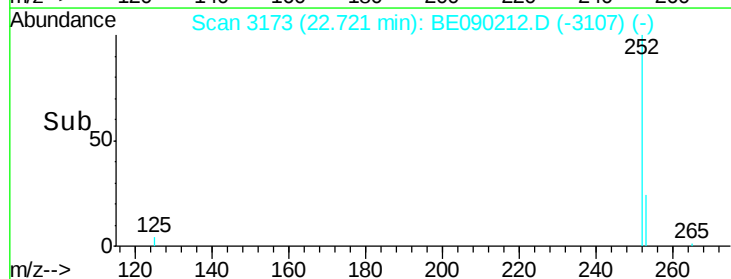
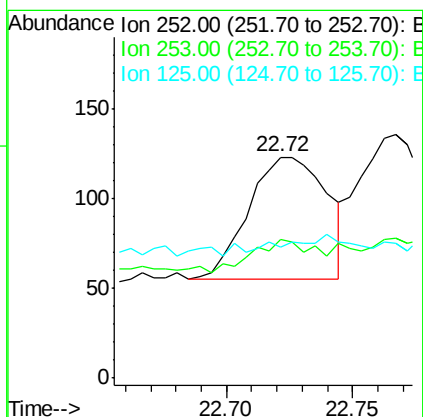
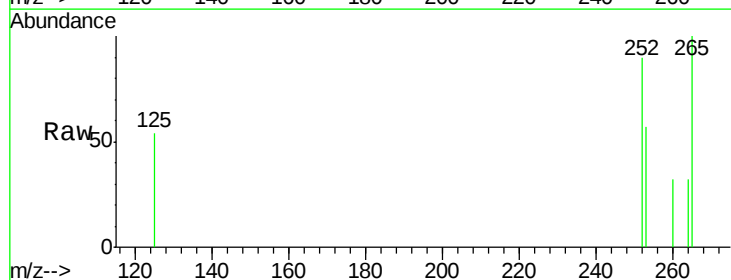
Tgt Ion:252 Resp: 148

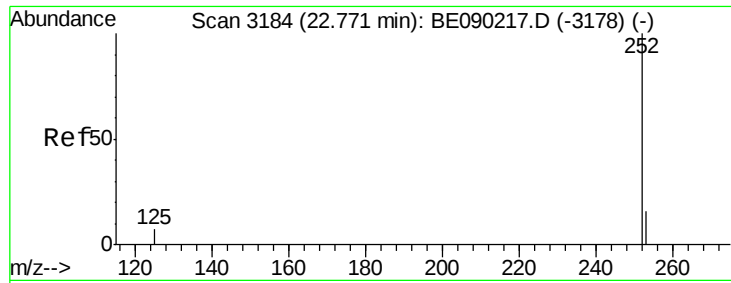
Ion Ratio Lower Upper

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: BE090212.D

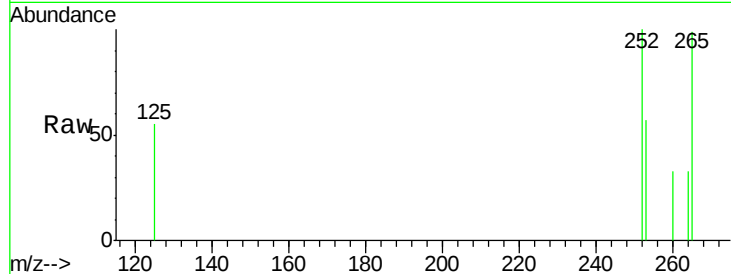
Acq: 21 Jul 2015 22:51

Instrument :

BNA_E

ClientSampleId :

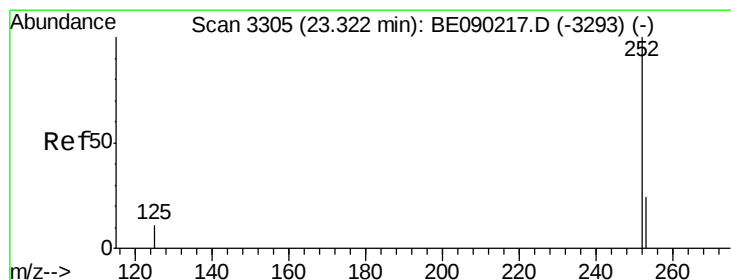
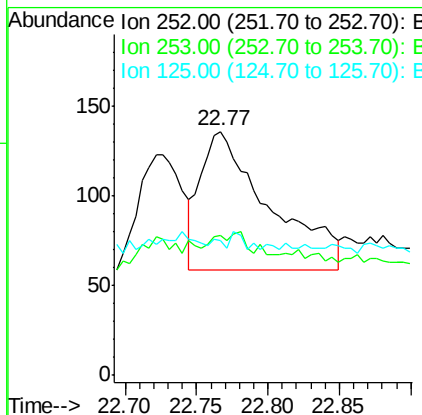
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.4	19.5	29.3#
125	55.1	11.9	17.9#

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#23

Benzo(a)pyrene

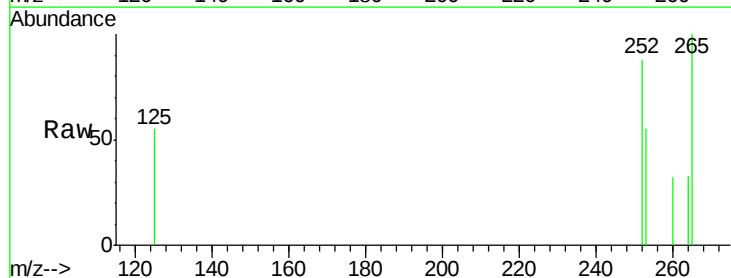
Concen: 0.05 ng/ul

RT: 23.32 min Scan# 3304

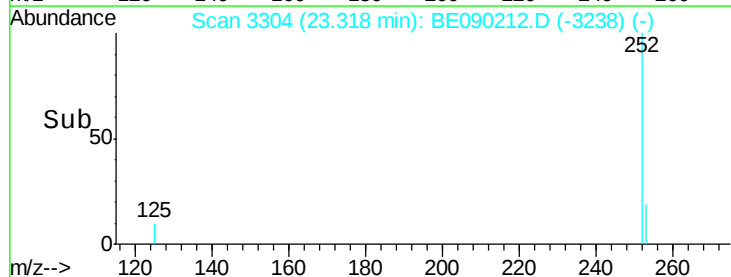
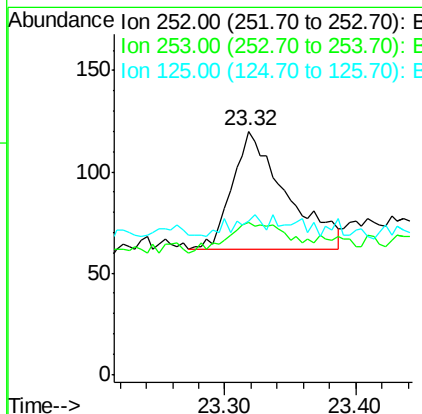
Delta R.T. -0.00 min

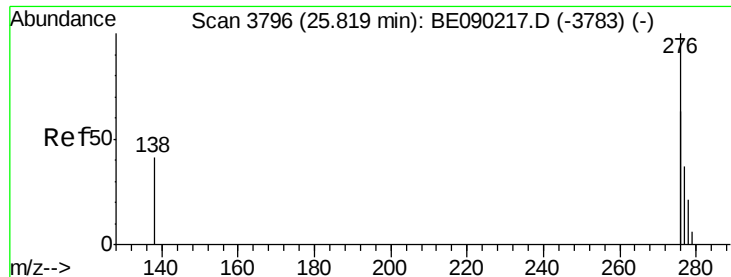
Lab File: BE090212.D

Acq: 21 Jul 2015 22:51



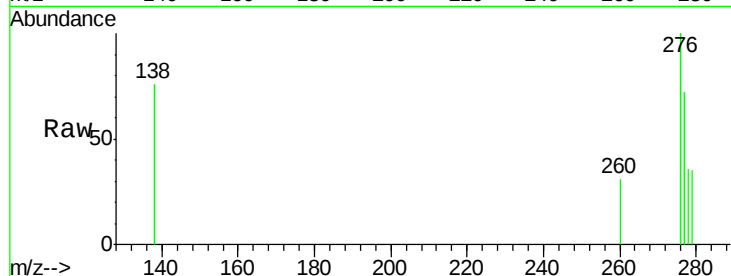
Tgt Ion	Ratio	Lower	Upper
252	100		
253	62.5	23.7	35.5#
125	63.3	15.4	23.2#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng/ul
 RT: 25.81 min Scan# 3795
 Delta R.T. -0.00 min
 Lab File: BE090212.D
 Acq: 21 Jul 2015 22:51

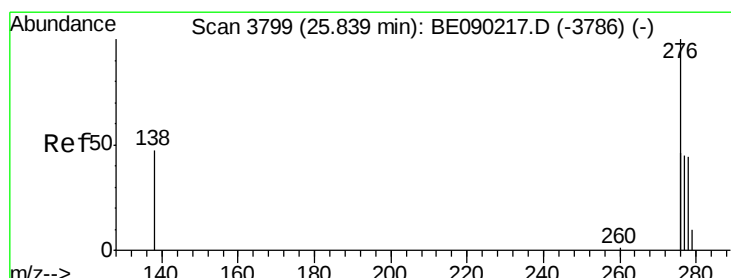
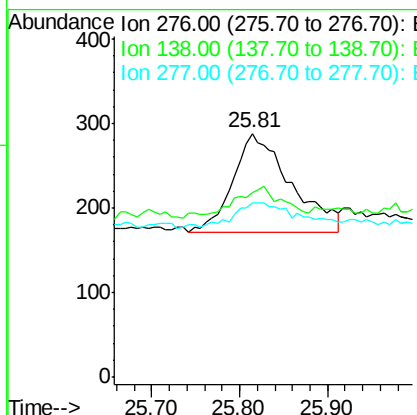
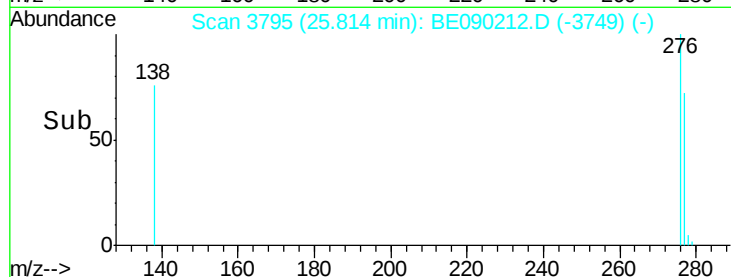
Instrument :
 BNA_E
 ClientSampleID :
 MDL-03-S



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.9	25.3
277	30.3	17.0	25.4

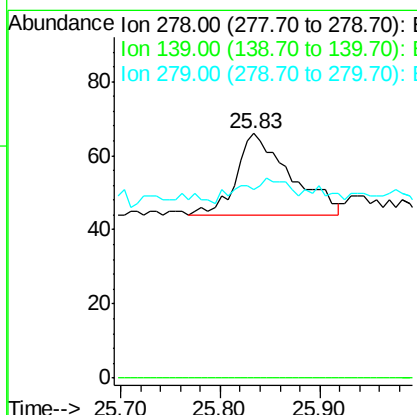
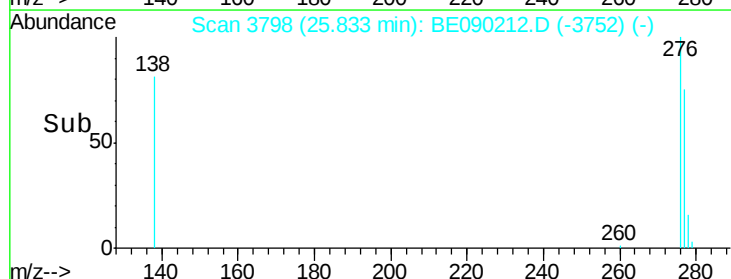
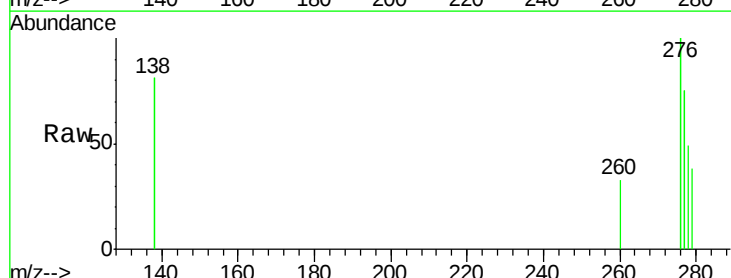
Manual Integrations
 APPROVED

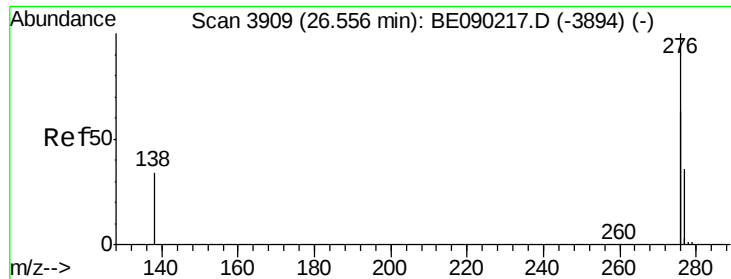
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 25.83 min Scan# 3798
 Delta R.T. -0.00 min
 Lab File: BE090212.D
 Acq: 21 Jul 2015 22:51

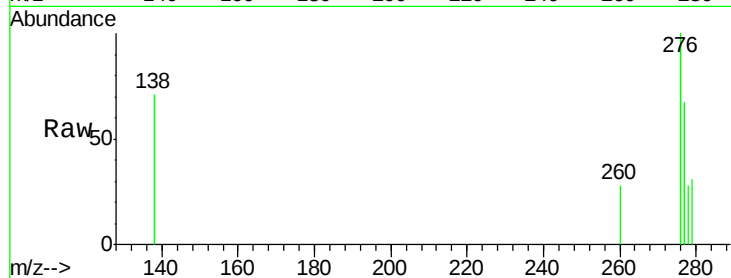
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	77.3	30.1	45.1





#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul
 RT: 26.54 min Scan# 3907
 Delta R.T. -0.01 min
 Lab File: BE090212.D
 Acq: 21 Jul 2015 22:51

Instrument :
 BNA_E
 ClientSampleId :
 MDL-03-S



Tgt Ion	Ratio	Lower	Upper
276	100		
277	66.9	24.6	36.8#
138	70.7	23.5	35.3#

Manual Integrations
 APPROVED

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