

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090210.D
 Acq On : 21 Jul 2015 21:39
 Operator : TP/IZ
 Sample : MDL-01-S
 Misc : MDL-SIM-SOIL-0.07PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

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Quant Time: Jul 22 05:20:28 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	802	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3984	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2373	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6426	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4232	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2619	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2596	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	7853	0.43	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.41	128	643	0.06	ng/ul#	74
5) 2-Methylnaphthalene	12.03	142	443	0.06	ng/ul	95
7) Acenaphthylene	13.93	152	3102	0.06	ng/ul#	85
8) Acenaphthene	14.27	153	2193	0.06	ng/ul	94
9) Fluorene	15.27	166	712	0.07	ng/ul#	96
12) Phenanthrene	16.99	178	4613	0.06	ng/ul#	89
13) Anthracene	17.07	178	4574	0.06	ng/ul#	85
15) Fluoranthene	19.00	202	5588	0.07	ng/ul	91
17) Pyrene	19.37	202	5553	0.08	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	338	0.05	ng/ul#	77
19) Chrysene	21.15	228	1268m	0.07	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	191	0.06	ng/ul#	37
22) Benzo(k)fluoranthene	22.77	252	408m	0.04	ng/ul	
23) Benzo(a)pyrene	23.32	252	228	0.04	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	25.83	276	741	0.05	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.84	278	125	0.05	ng/ul#	40
26) Benzo(g,h,i)perylene	26.55	276	1063	0.05	ng/ul#	43

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

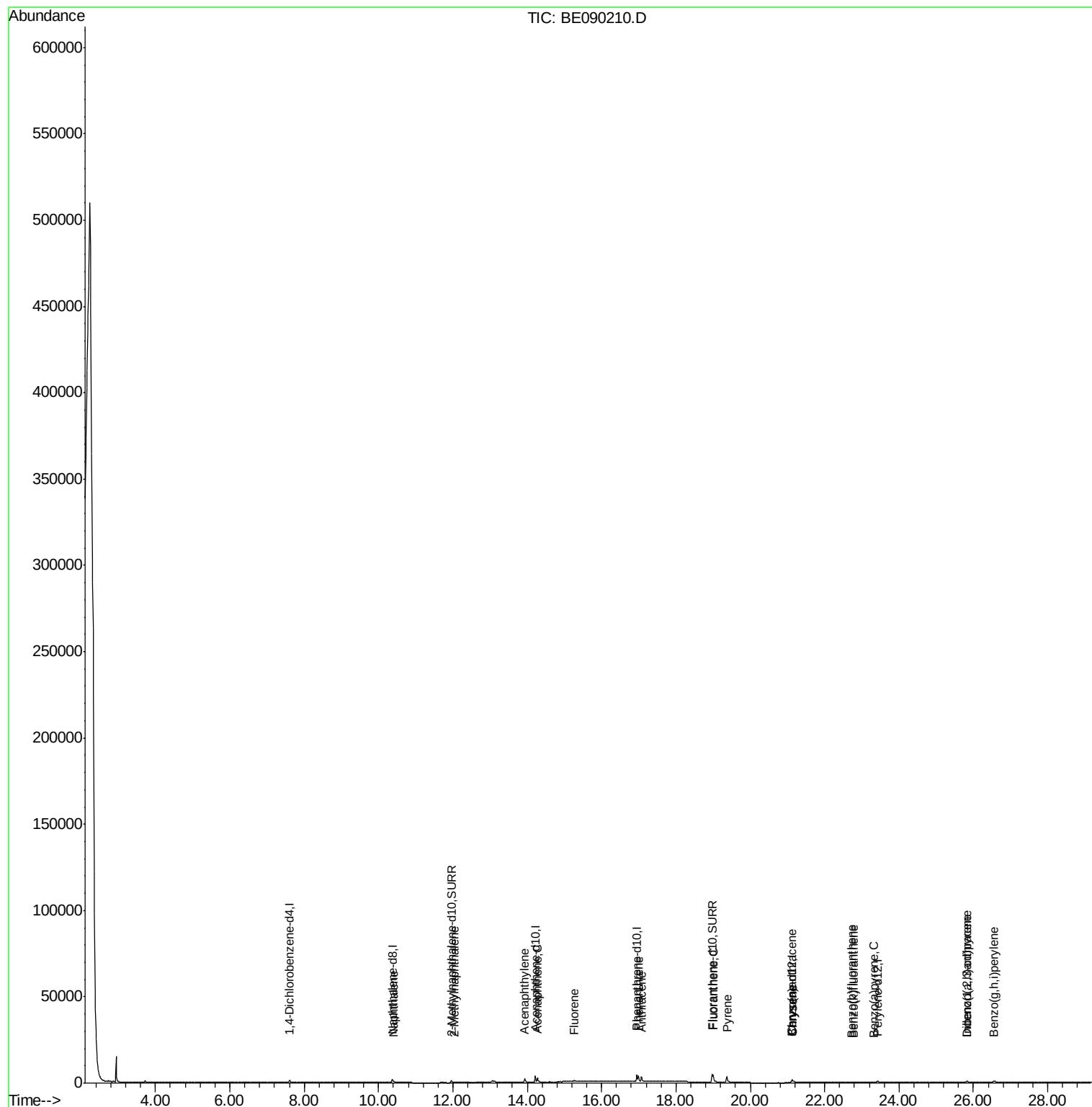
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090210.D
Acq On : 21 Jul 2015 21:39
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.07PPM
ALS Vial : 9 Sample Multiplier: 1

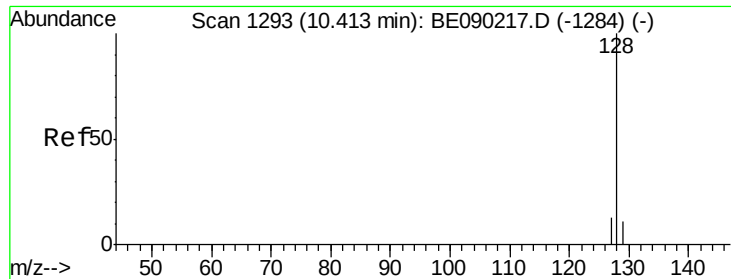
Instrument :
BNA_E
ClientSampleId :
MDL-01-S

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Quant Time: Jul 22 05:20:28 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: BE090210.D

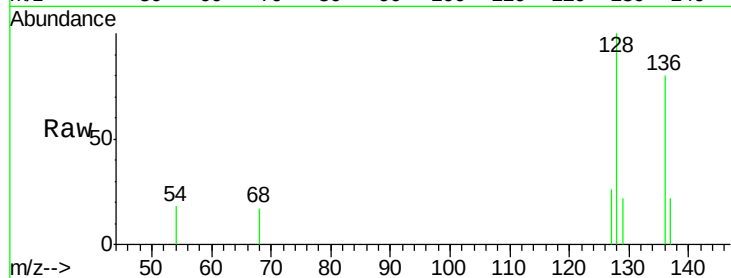
Acq: 21 Jul 2015 21:39

Instrument :

BNA_E

ClientSampleId :

MDL-01-S



Tgt Ion:128 Resp: 643

Ion Ratio Lower Upper

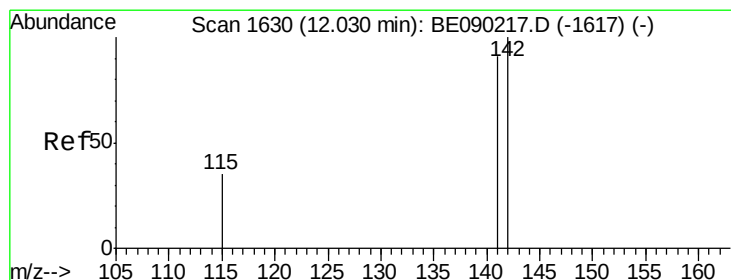
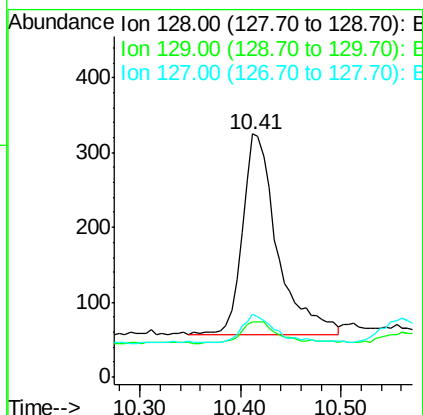
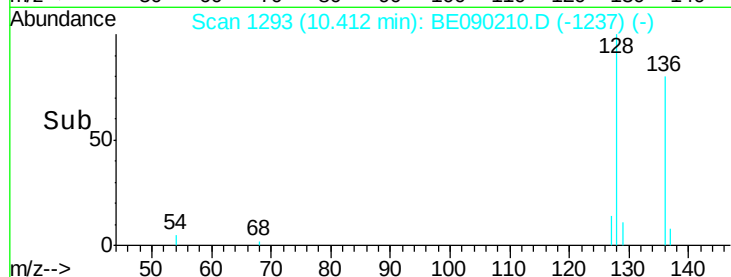
128 100

129 22.5 10.2 15.2#

127 25.8 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. 0.01 min

Lab File: BE090210.D

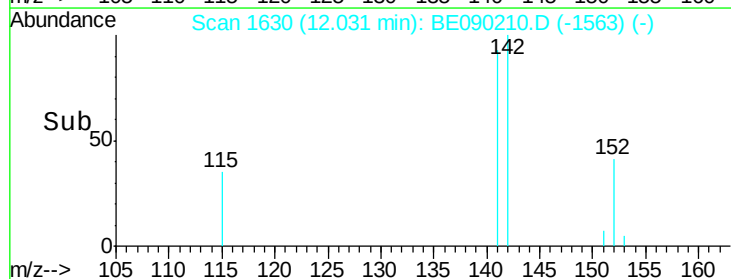
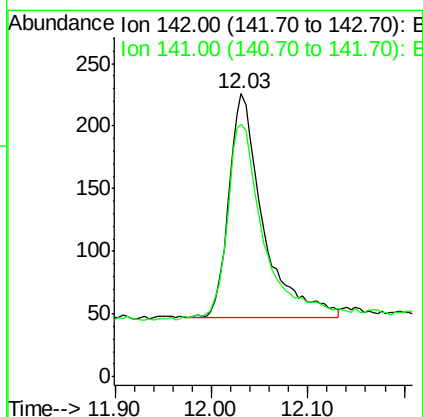
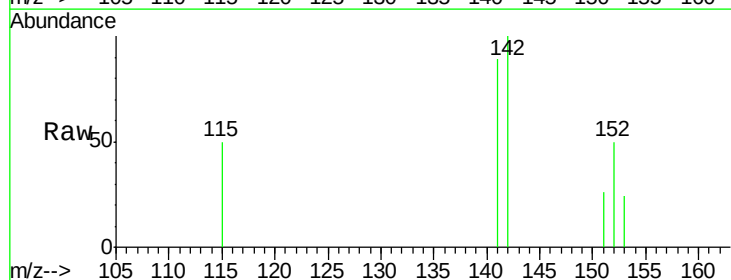
Acq: 21 Jul 2015 21:39

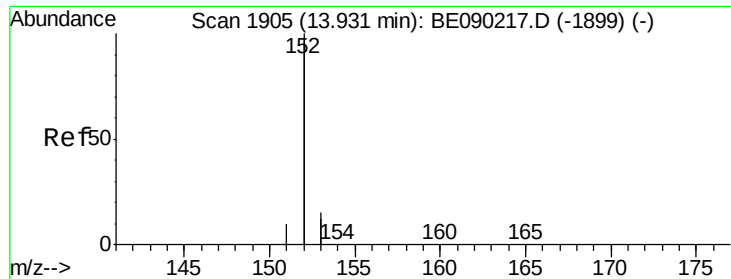
Tgt Ion:142 Resp: 443

Ion Ratio Lower Upper

142 100

141 96.2 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: BE090210.D

Acq: 21 Jul 2015 21:39

Instrument :

BNA_E

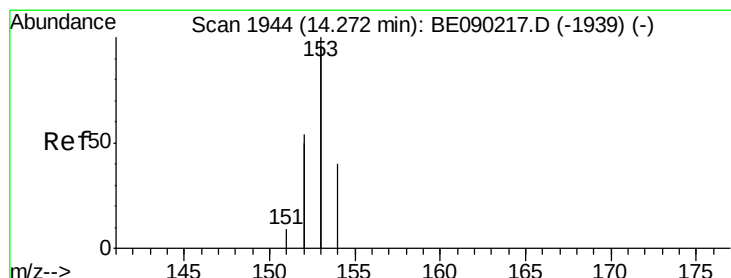
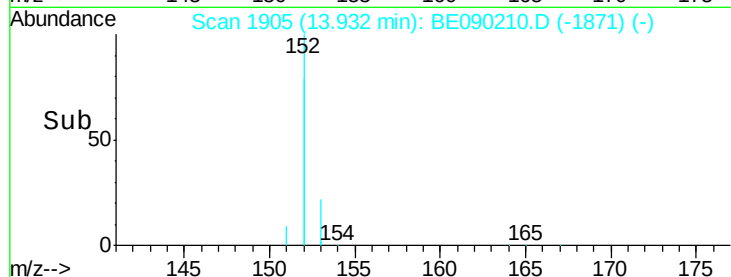
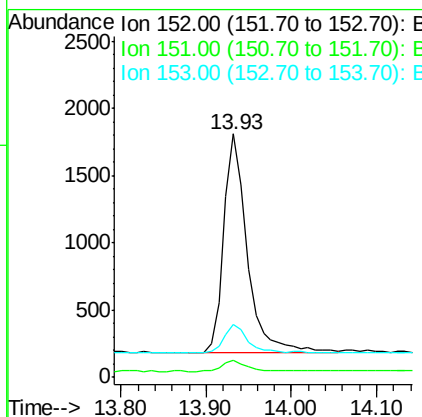
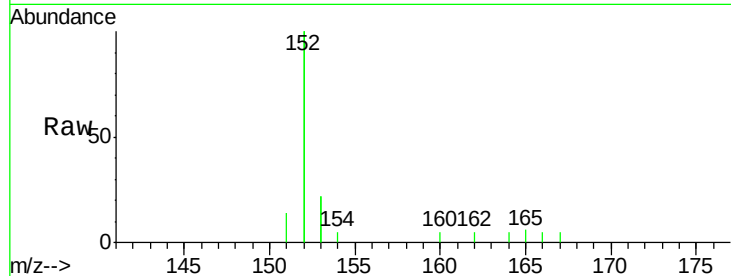
ClientSampleId :

MDL-01-S

Tgt Ion:	152	Resp:	3102
Ion Ratio	Lower	Upper	
152	100		
151	7.2	4.2	6.4#
153	22.0	11.5	17.3#

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#8

Acenaphthene

Concen: 0.06 ng/ul

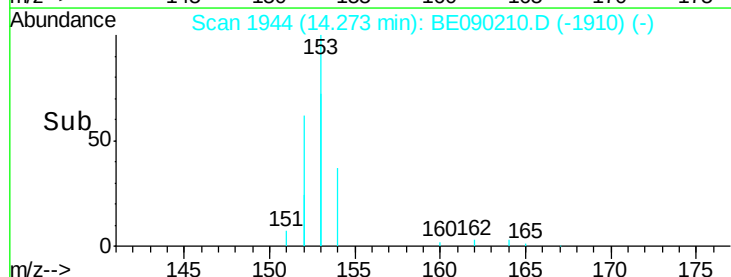
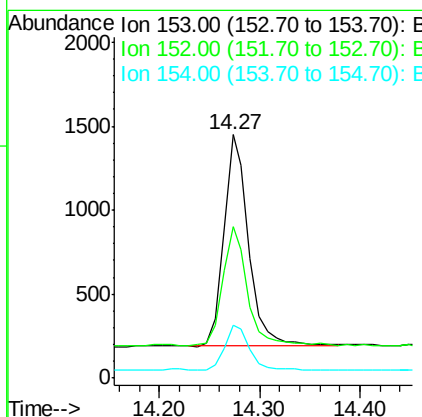
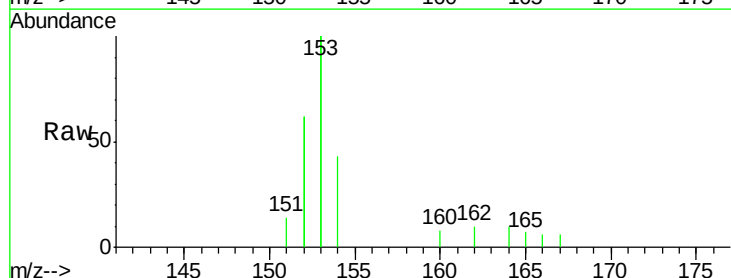
RT: 14.27 min Scan# 1944

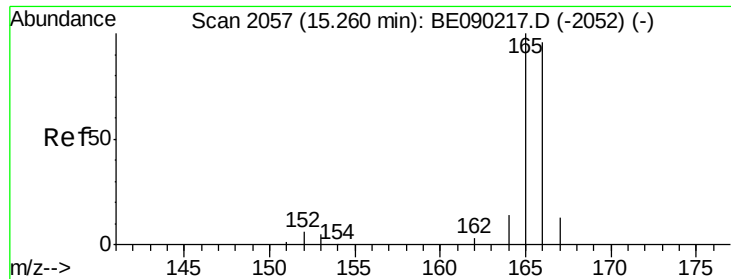
Delta R.T. 0.00 min

Lab File: BE090210.D

Acq: 21 Jul 2015 21:39

Tgt Ion:	153	Resp:	2193
Ion Ratio	Lower	Upper	
153	100		
152	61.9	45.0	67.4
154	21.6	16.8	25.2





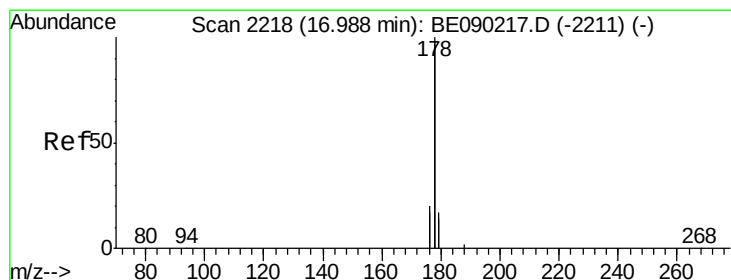
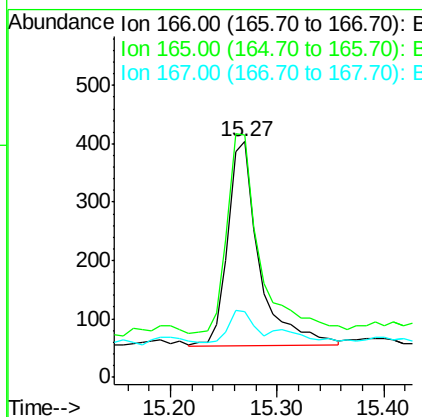
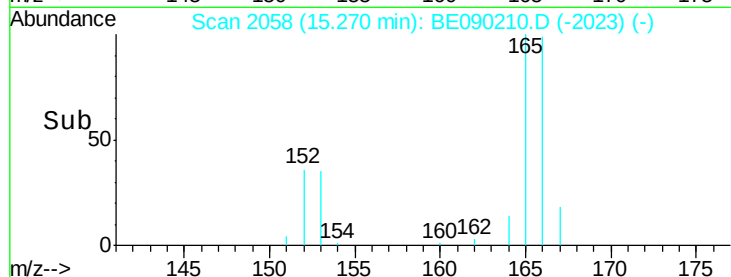
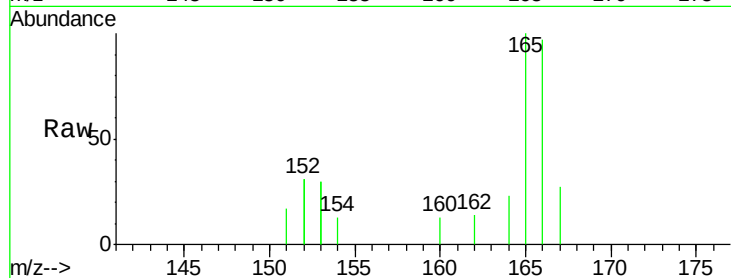
#9
Fluorene
 Concen: 0.07 ng/ul
 RT: 15.27 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.9	122.9
167	28.0	12.2	18.2

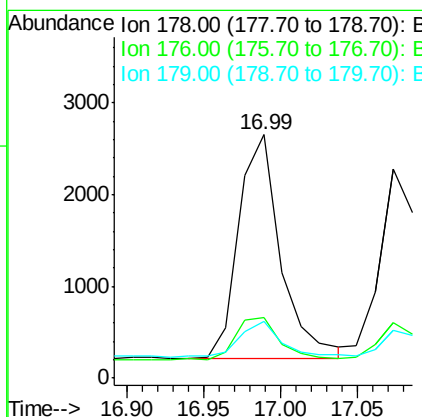
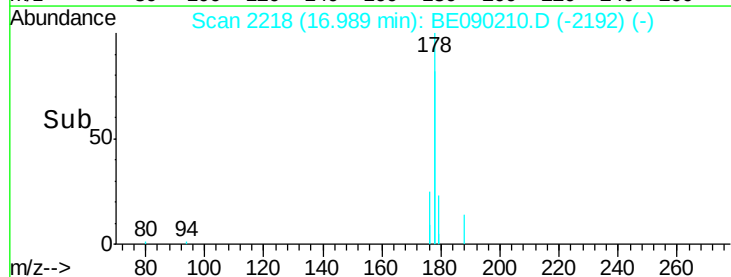
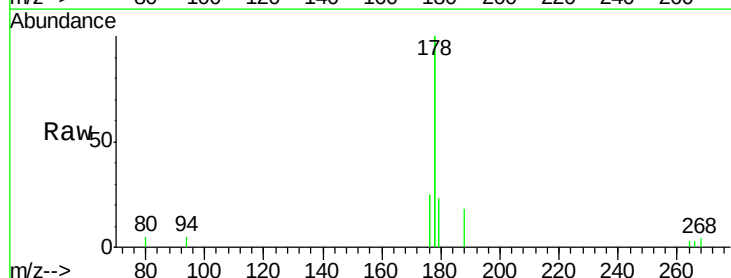
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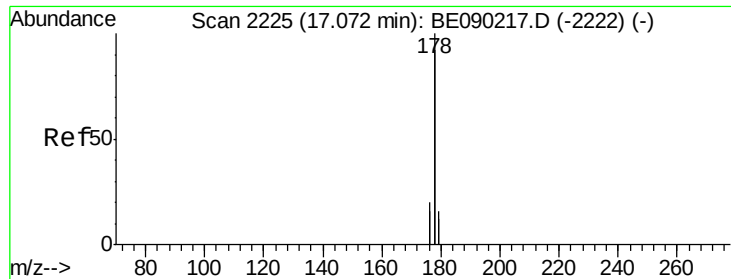
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#12
Phenanthrene
 Concen: 0.06 ng/ul
 RT: 16.99 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.8	17.6	26.4
179	23.0	12.2	18.4





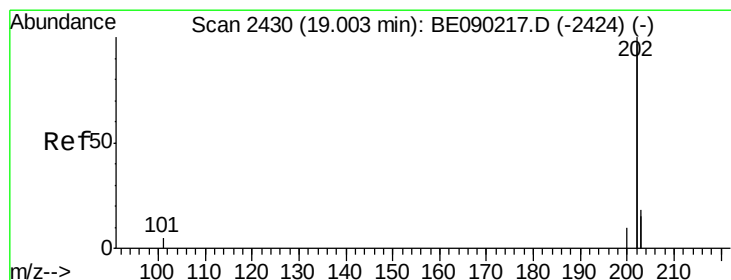
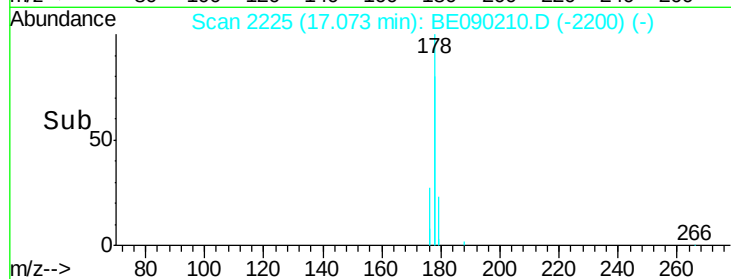
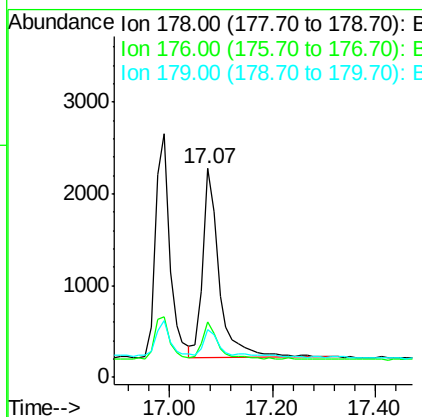
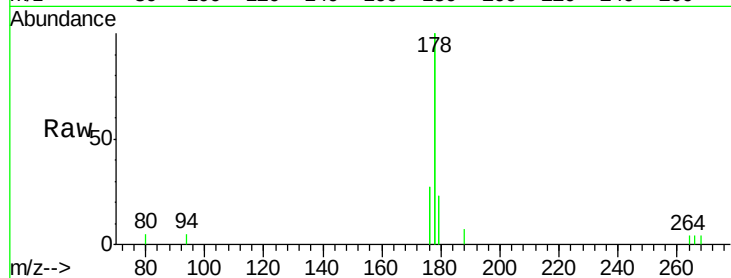
#13
 Anthracene
 Concen: 0.06 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

Tgt Ion:178 Resp: 4574
 Ion Ratio Lower Upper
 178 100
 176 26.8 15.9 23.9#
 179 22.8 13.3 19.9#

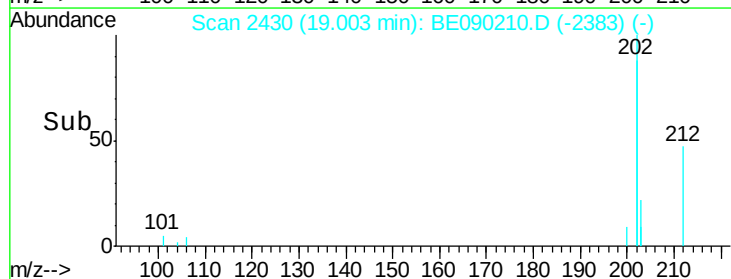
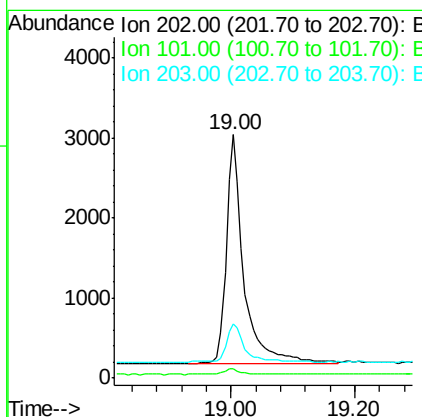
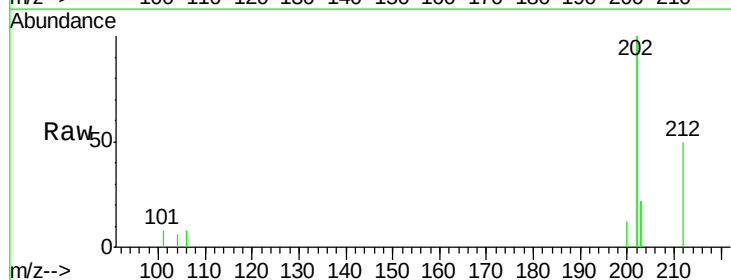
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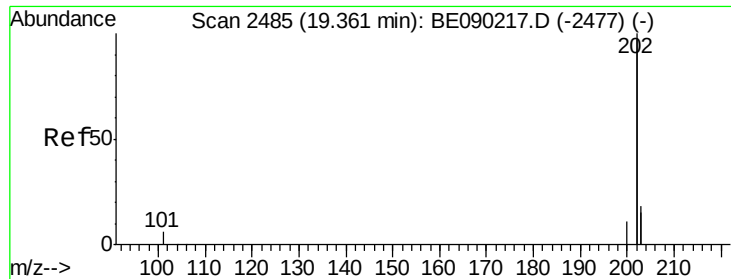
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#15
 Fluoranthene
 Concen: 0.07 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Tgt Ion:202 Resp: 5588
 Ion Ratio Lower Upper
 202 100
 101 3.8 0.0 23.0
 203 22.4 0.0 37.8





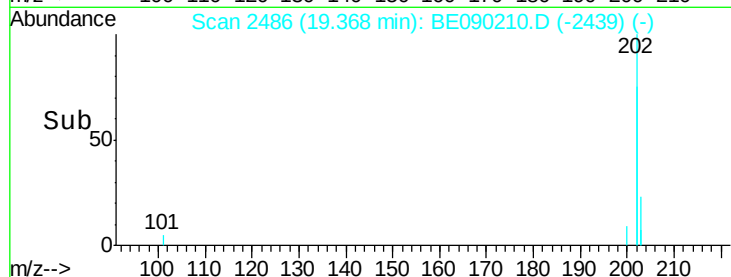
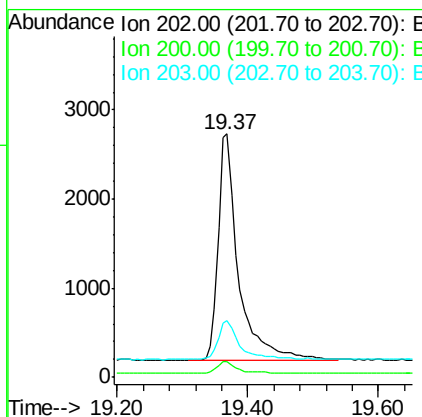
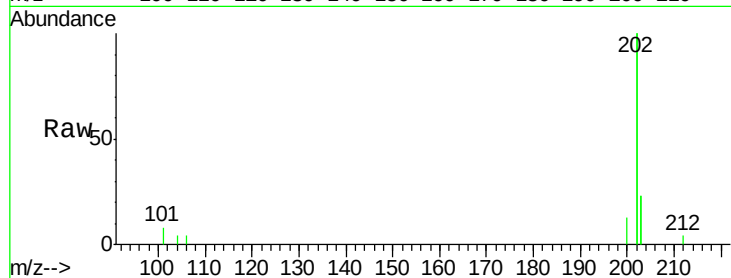
#17
 Pyrene
 Concen: 0.08 ng/ul
 RT: 19.37 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.4	4.4	6.6
203	23.2	14.6	22.0#

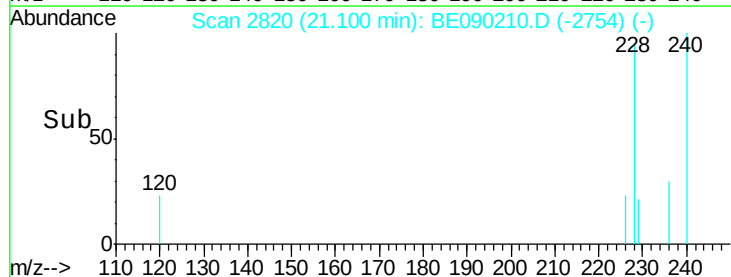
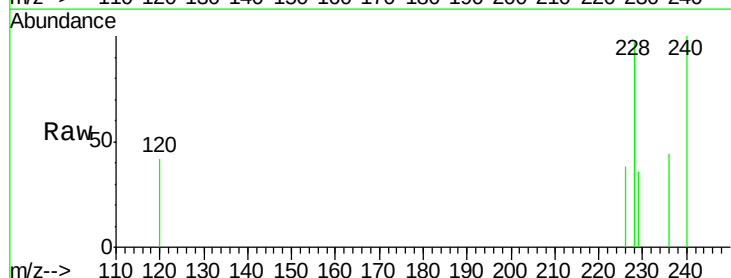
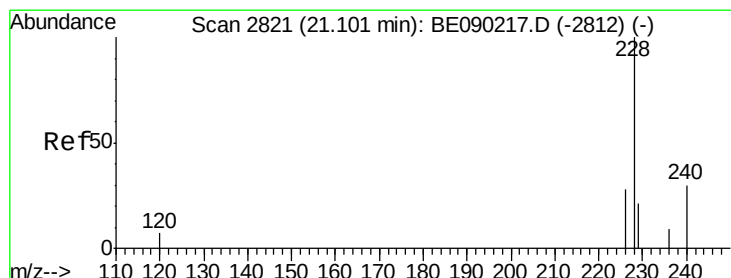
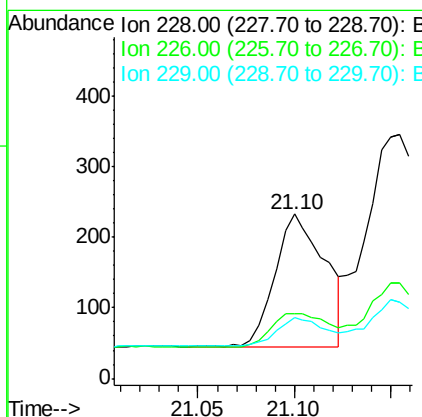
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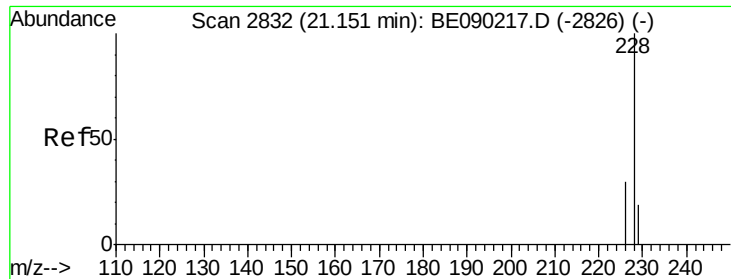
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#18
 Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.5	24.1	36.1#
229	37.3	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: BE090210.D

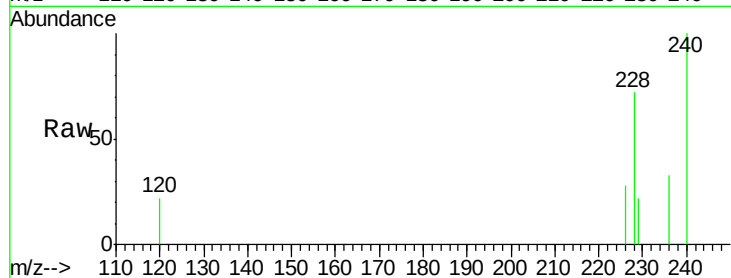
Acq: 21 Jul 2015 21:39

Instrument :

BNA_E

ClientSampleId :

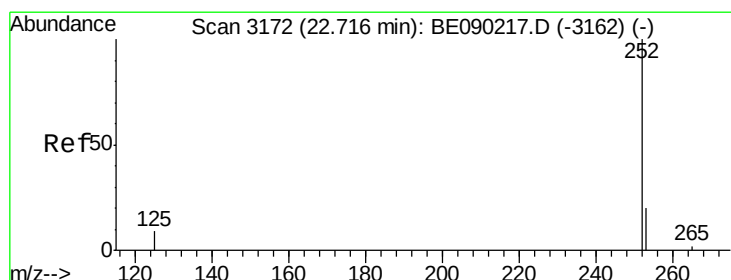
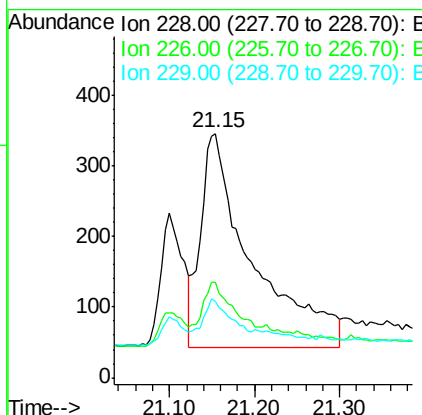
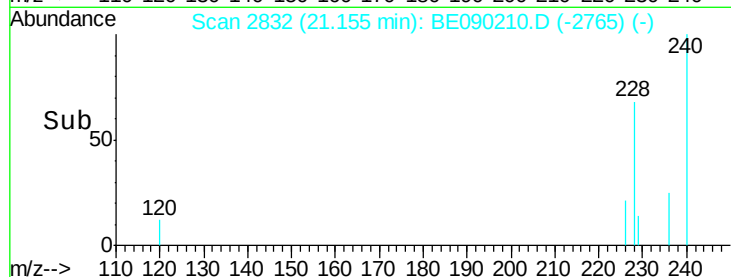
MDL-01-S



Tgt Ion:	228	Resp:	1268
Ion Ratio	Lower	Upper	
228	100		
226	39.0	24.6	36.8#
229	31.2	17.4	26.2#

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#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

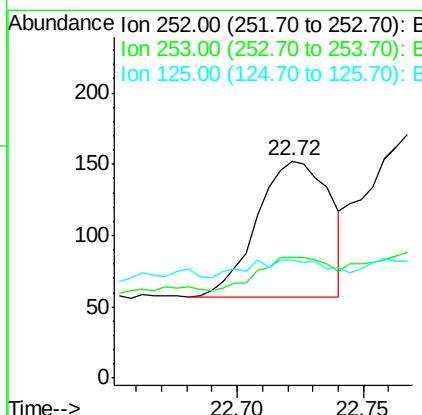
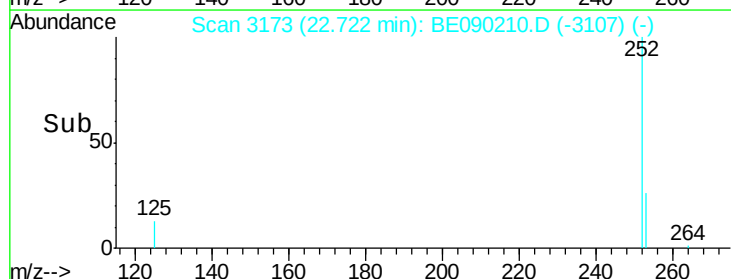
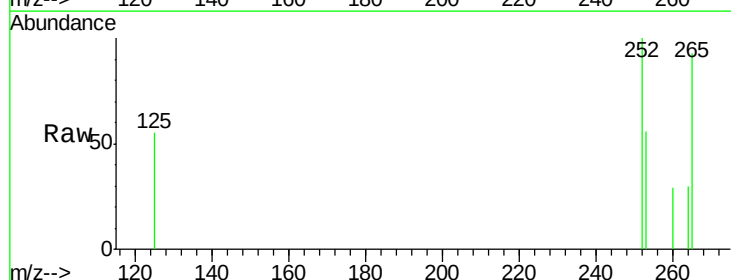
RT: 22.72 min Scan# 3173

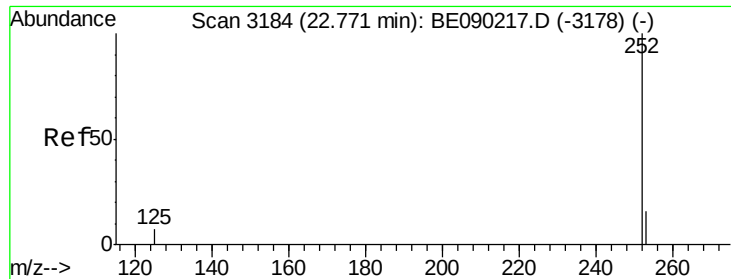
Delta R.T. -0.00 min

Lab File: BE090210.D

Acq: 21 Jul 2015 21:39

Tgt Ion:	252	Resp:	191
Ion Ratio	Lower	Upper	
252	100		
253	55.9	0.0	56.8
125	54.6	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: BE090210.D

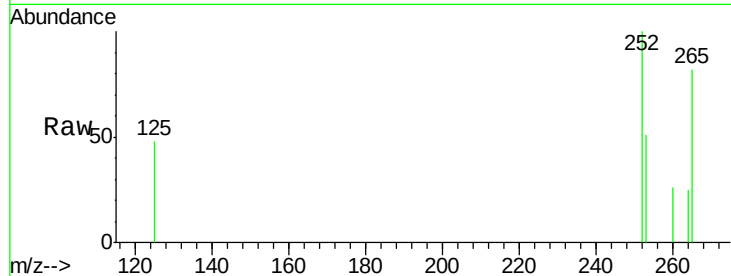
Acq: 21 Jul 2015 21:39

Instrument :

BNA_E

ClientSampleId :

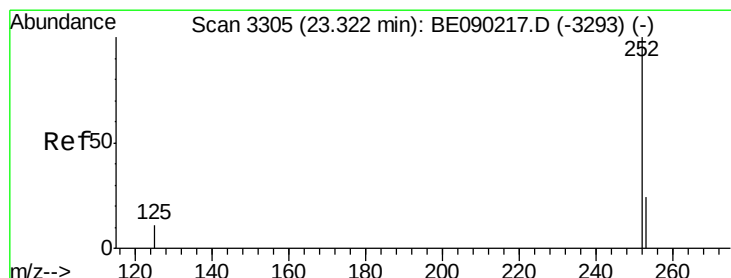
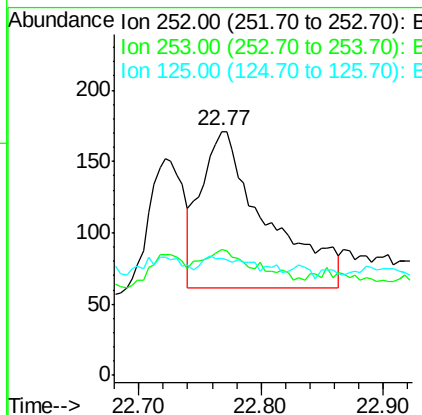
MDL-01-S



Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.5	19.5	29.3#
125	48.0	11.9	17.9#

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#23

Benzo(a)pyrene

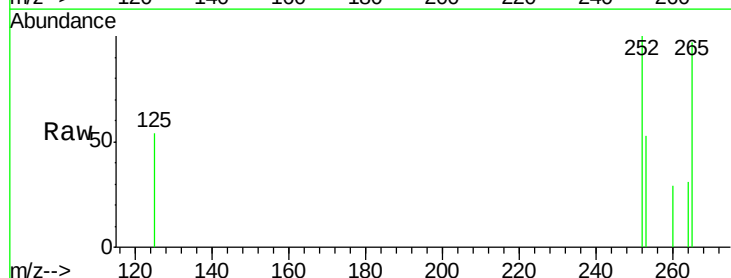
Concen: 0.04 ng/ul

RT: 23.32 min Scan# 3304

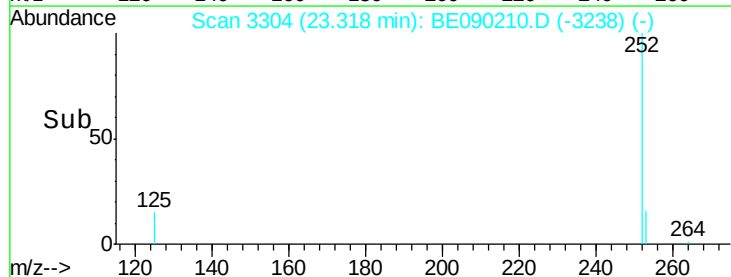
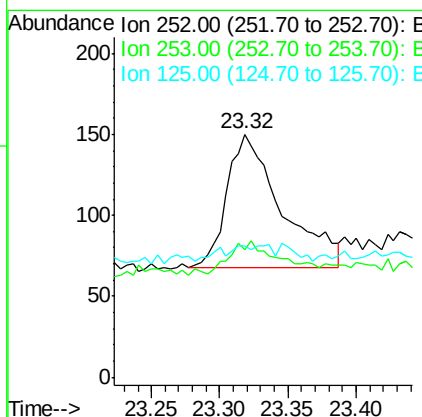
Delta R.T. -0.00 min

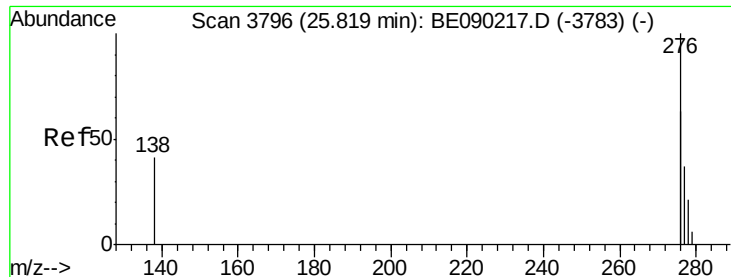
Lab File: BE090210.D

Acq: 21 Jul 2015 21:39



Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.7	23.7	35.5#
125	54.0	15.4	23.2#





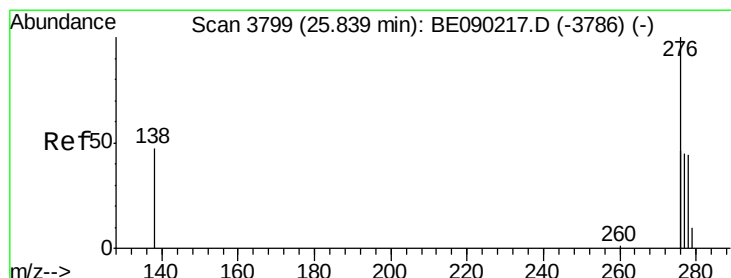
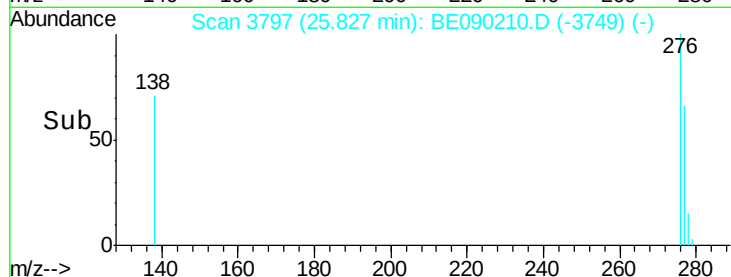
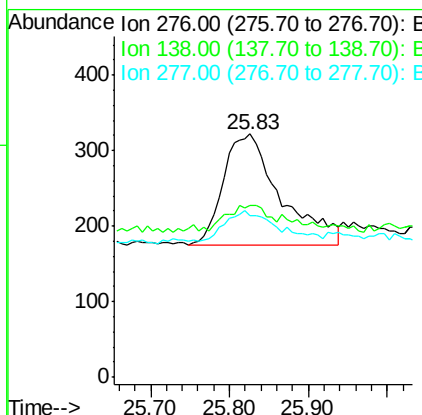
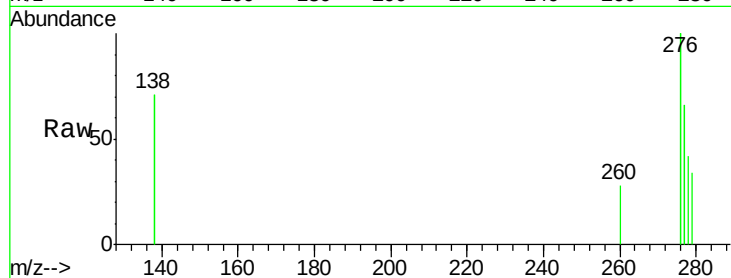
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 25.83 min Scan# 3797
 Delta R.T. 0.01 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Instrument :
 BNA_E
 ClientSampleID :
 MDL-01-S

Tgt Ion: 276 Resp: 741
 Ion Ratio Lower Upper
 276 100
 138 15.8 16.9 25.3#
 277 25.2 17.0 25.4

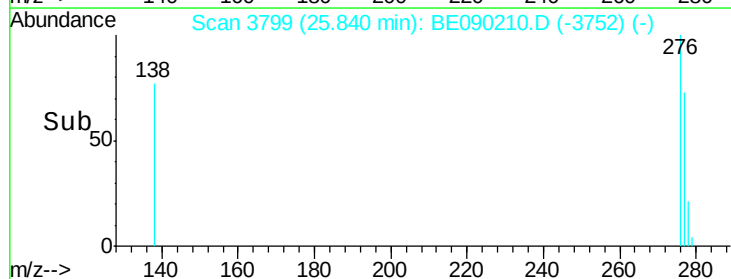
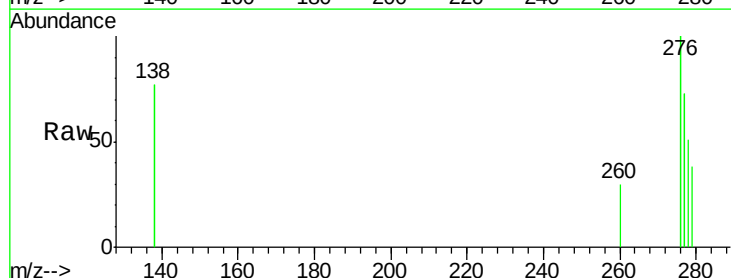
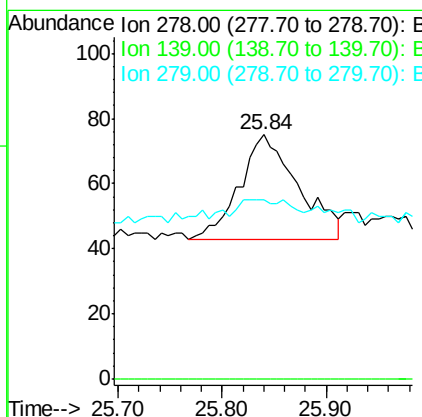
Manual Integrations
 APPROVED

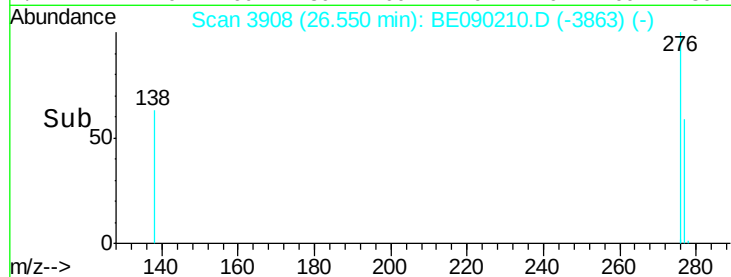
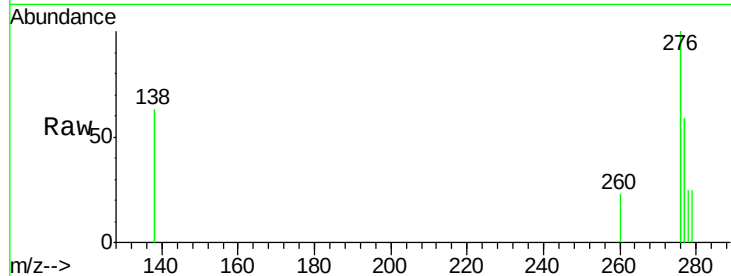
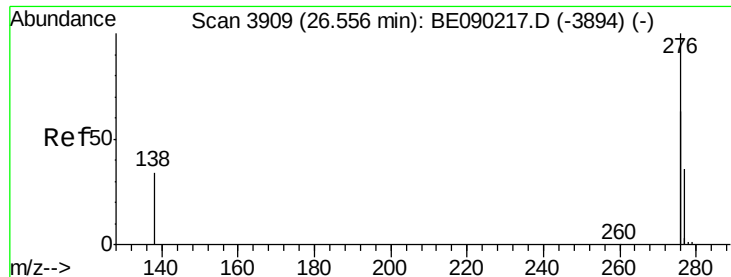
apatel
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.05 ng/ul
 RT: 25.84 min Scan# 3799
 Delta R.T. 0.01 min
 Lab File: BE090210.D
 Acq: 21 Jul 2015 21:39

Tgt Ion: 278 Resp: 125
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 73.3 30.1 45.1#





#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.55 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BE090210.D
Acq: 21 Jul 2015 21:39

Instrument :
BNA_E
ClientSampleId :
MDL-01-S

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	58.9	24.6	36.8#	
138	62.6	23.5	35.3#	

Manual Integrations
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