

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090218.D
 Acq On : 22 Jul 2015 3:49
 Operator : TP/IZ
 Sample : MDL-01-S
 Misc : MDL-SIM-SOIL-0.15PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

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Quant Time: Jul 22 08:39:26 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	7.61	152	572	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	2909	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1789	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4918	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	1959	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	940	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	1705	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4570	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	832	0.11	ng/ul#	79
5) 2-Methylnaphthalene	12.03	142	535	0.10	ng/ul	99
7) Acenaphthylene	13.93	152	3794	0.10	ng/ul#	90
8) Acenaphthene	14.27	153	2767	0.10	ng/ul	97
9) Fluorene	15.27	166	852	0.10	ng/ul#	94
12) Phenanthrene	16.99	178	5335	0.09	ng/ul#	92
13) Anthracene	17.07	178	5207	0.10	ng/ul#	88
15) Fluoranthene	19.00	202	6232	0.10	ng/ul	88
17) Pyrene	19.37	202	6334	0.20	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	283	0.09	ng/ul#	73
19) Chrysene	21.15	228	1030m	0.13	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	175	0.14	ng/ul#	42
22) Benzo(k)fluoranthene	22.77	252	260m	0.07	ng/ul	
23) Benzo(a)pyrene	23.32	252	209	0.11	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.81	276	657	0.12	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.84	278	113	0.13	ng/ul#	36
26) Benzo(g,h,i)perylene	26.54	276	739	0.10	ng/ul#	42

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

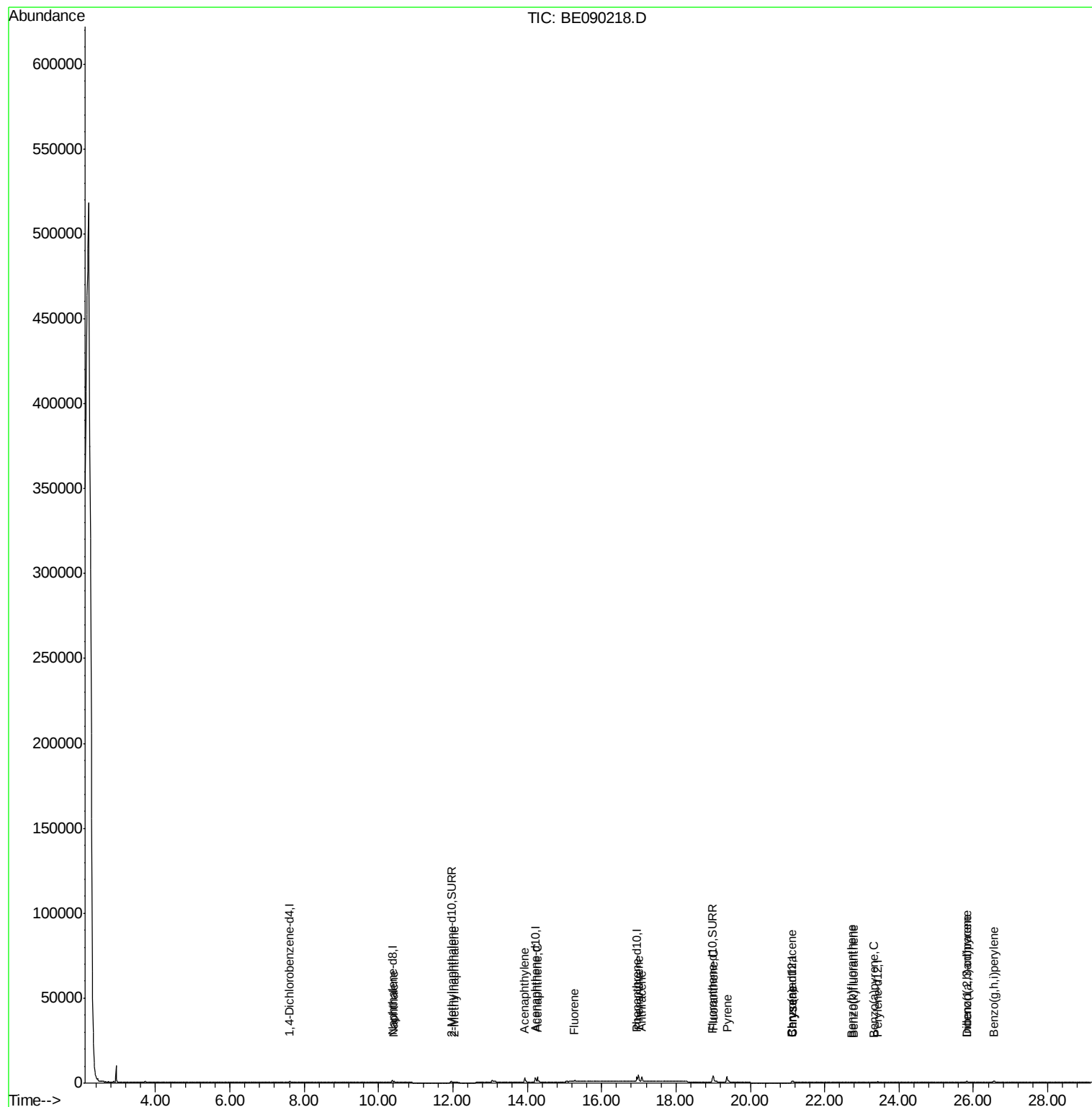
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
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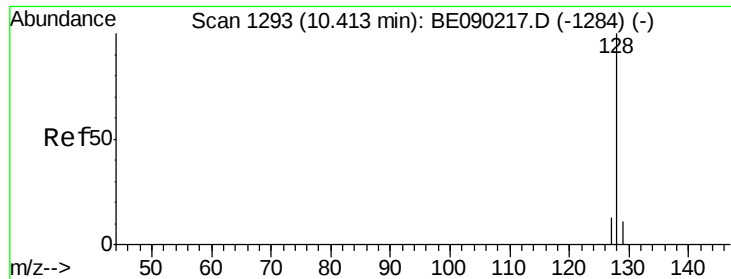
Instrument :
BNA_E
ClientSampleId :
MDL-01-S

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Quant Time: Jul 22 08:39:26 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: 0.11 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090218.D

Acq: 22 Jul 2015 3:49

Instrument :

BNA_E

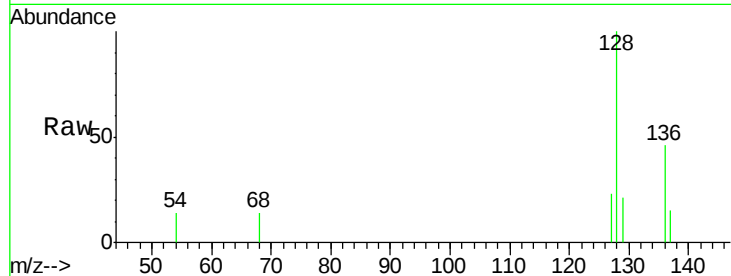
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
128	100		
129	21.5	10.2	15.2#
127	22.8	11.8	17.6#

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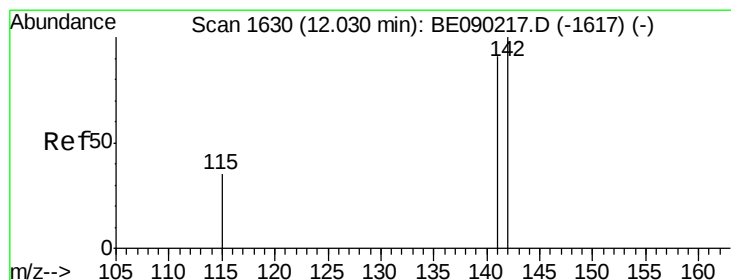
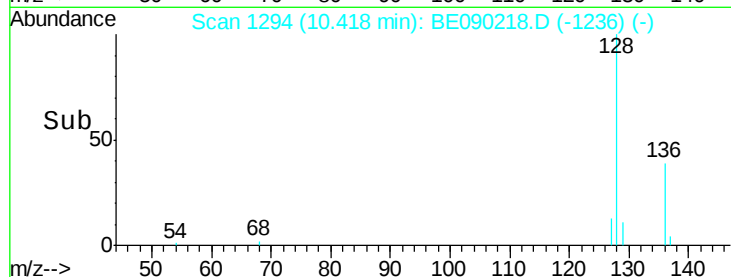
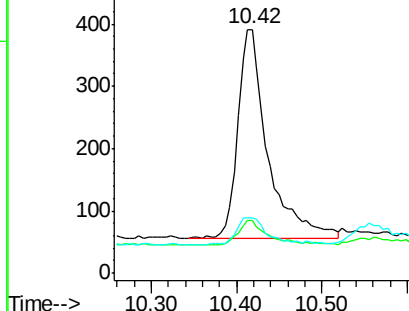
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.10 ng/ul

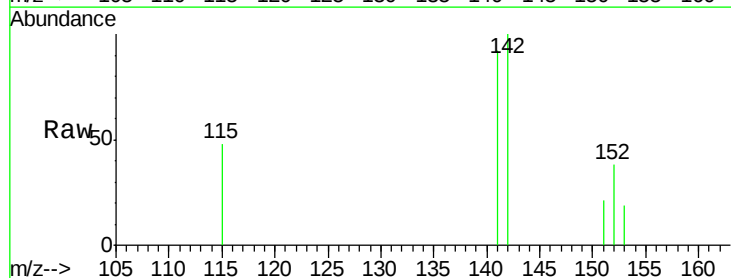
RT: 12.03 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE090218.D

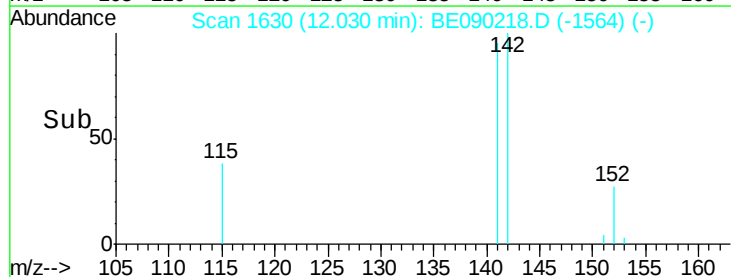
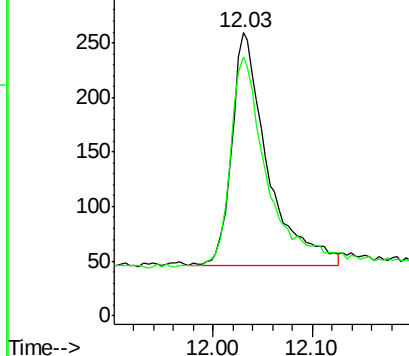
Acq: 22 Jul 2015 3:49

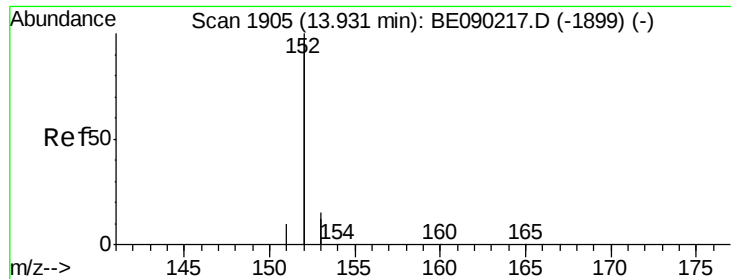
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090218.D

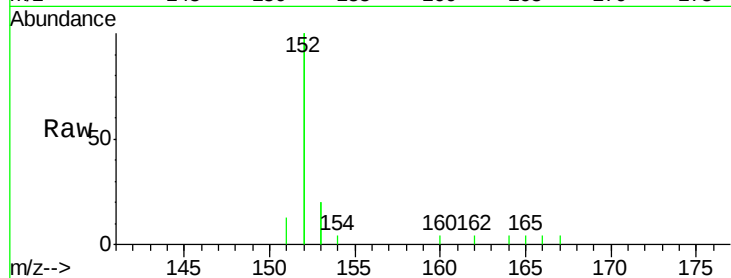
Acq: 22 Jul 2015 3:49

Instrument :

BNA_E

ClientSampleId :

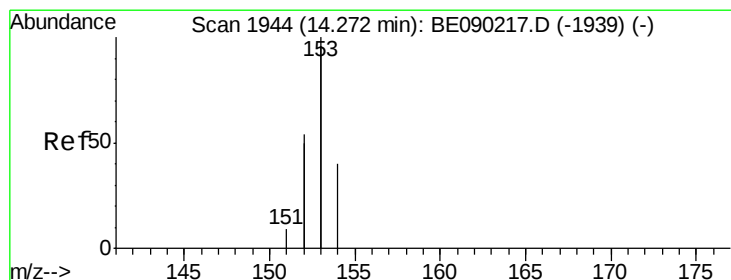
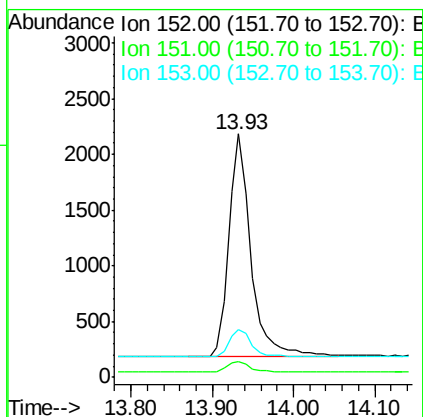
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	6.3	4.2	6.4
153	19.5	11.5	17.3

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#8

Acenaphthene

Concen: 0.10 ng/ul

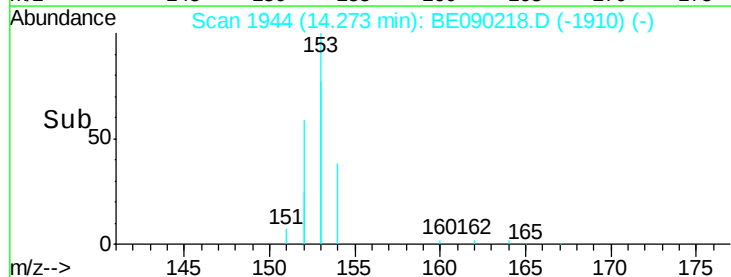
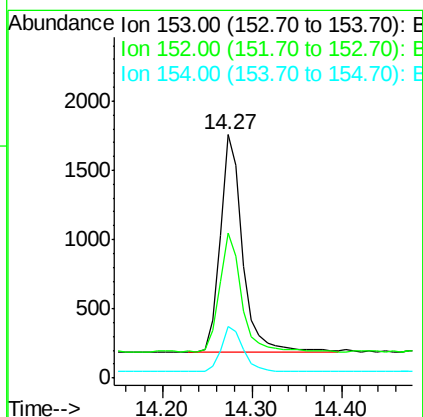
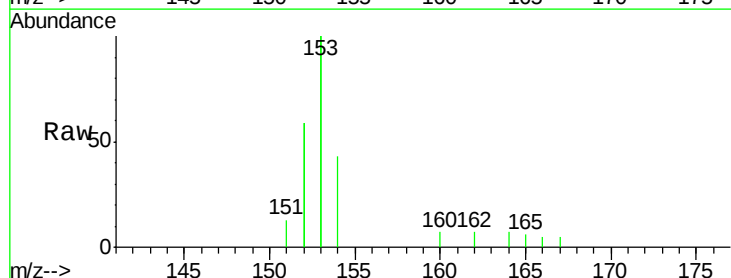
RT: 14.27 min Scan# 1944

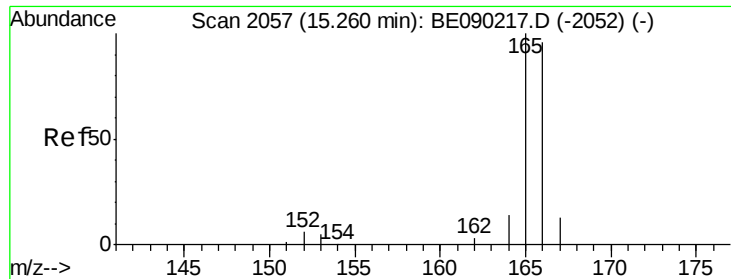
Delta R.T. 0.00 min

Lab File: BE090218.D

Acq: 22 Jul 2015 3:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	59.4	45.0	67.4
154	21.4	16.8	25.2





#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090218.D

Acq: 22 Jul 2015 3:49

Instrument :

BNA_E

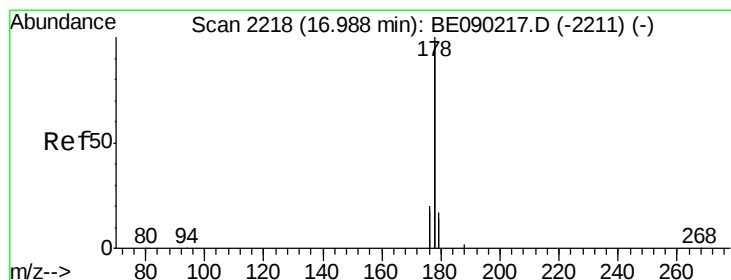
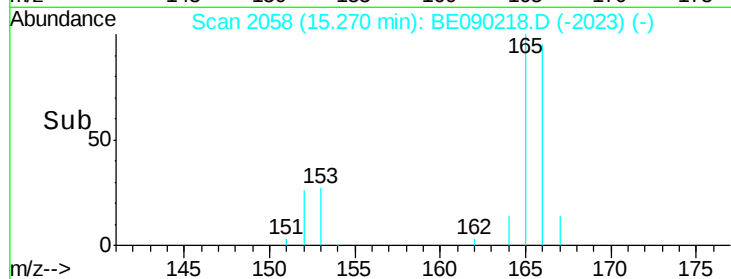
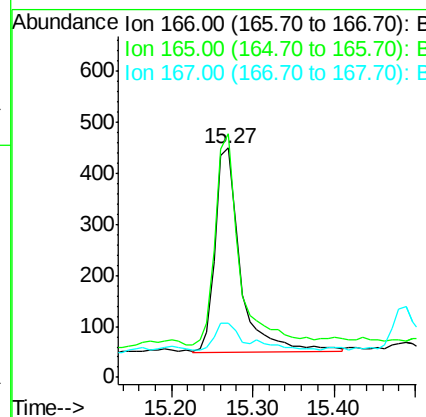
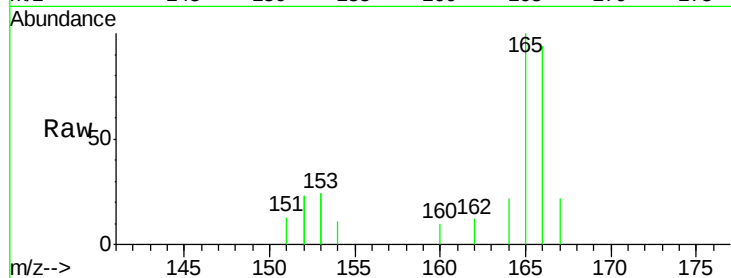
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.2	81.9	122.9
167	23.8	12.2	18.2

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#12

Phenanthrene

Concen: 0.09 ng/ul

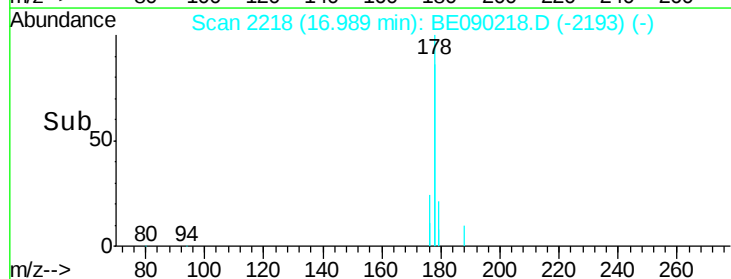
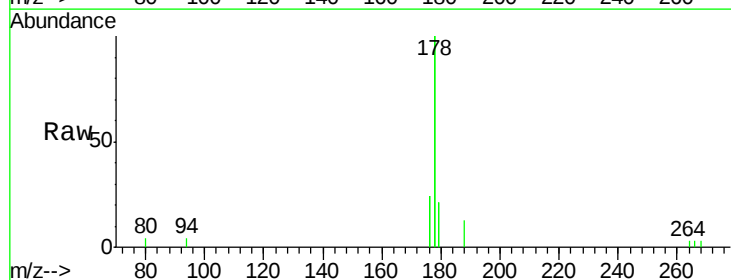
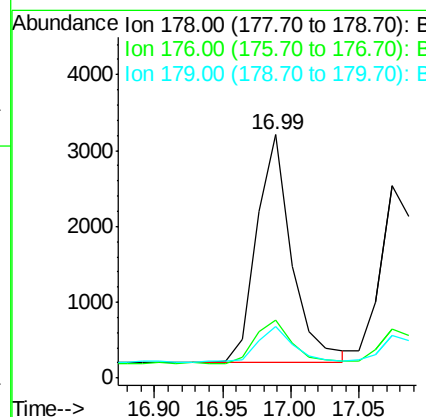
RT: 16.99 min Scan# 2218

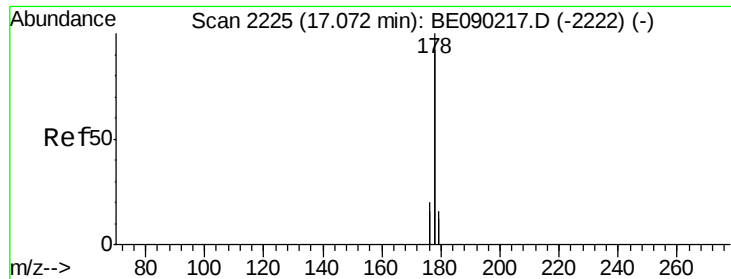
Delta R.T. 0.00 min

Lab File: BE090218.D

Acq: 22 Jul 2015 3:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.0	17.6	26.4
179	21.2	12.2	18.4





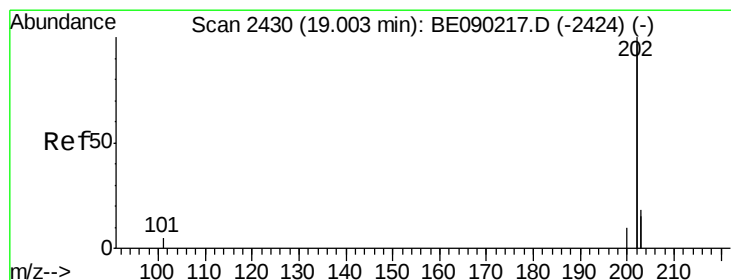
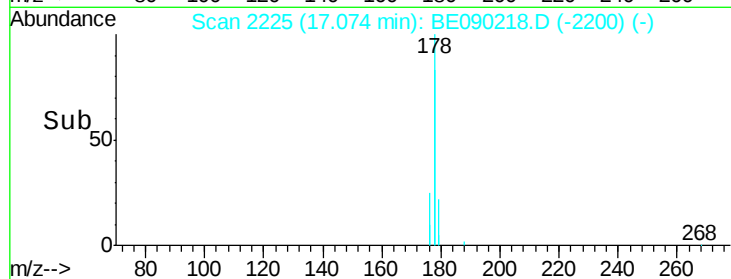
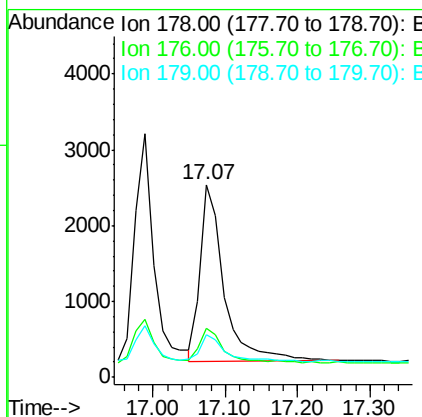
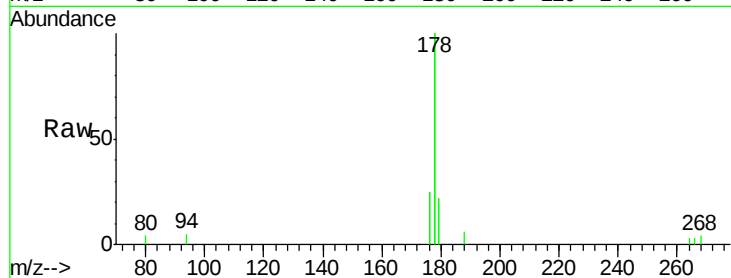
#13
 Anthracene
 Concen: 0.10 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BE090218.D
 Acq: 22 Jul 2015 3:49

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

Tgt Ion:178 Resp: 5207
 Ion Ratio Lower Upper
 178 100
 176 25.4 15.9 23.9#
 179 22.1 13.3 19.9#

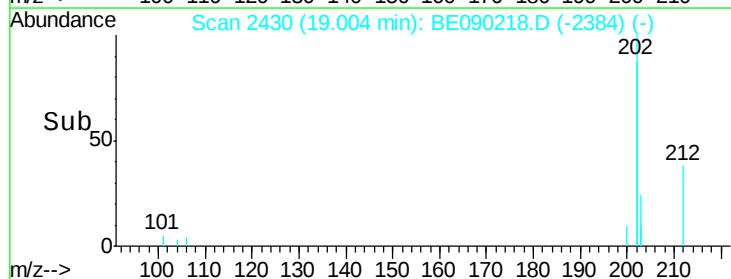
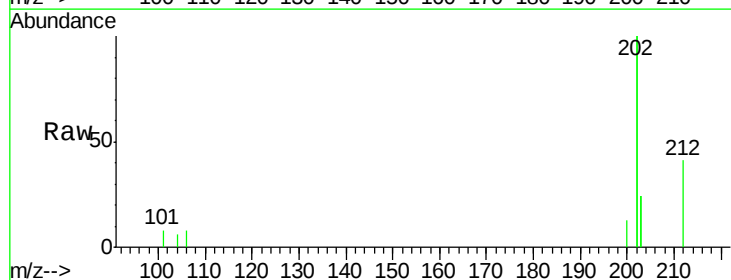
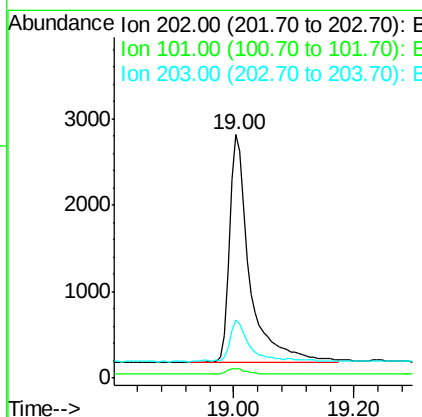
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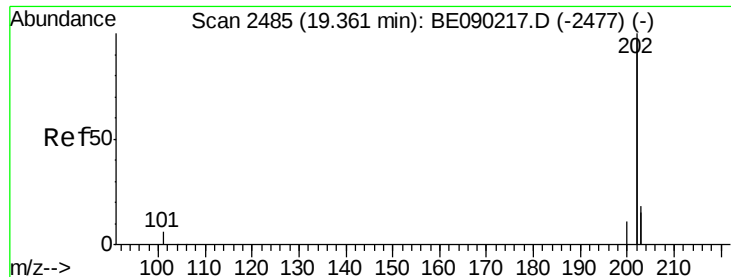
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#15
 Fluoranthene
 Concen: 0.10 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BE090218.D
 Acq: 22 Jul 2015 3:49

Tgt Ion:202 Resp: 6232
 Ion Ratio Lower Upper
 202 100
 101 4.0 0.0 23.0
 203 23.7 0.0 37.8





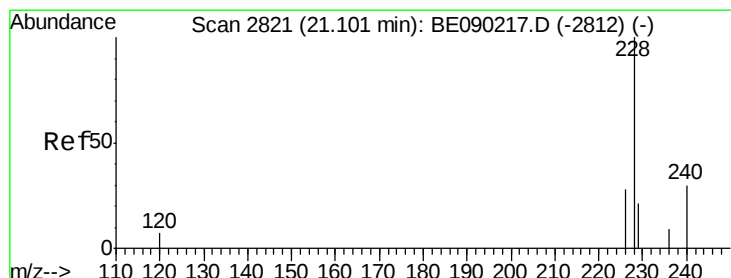
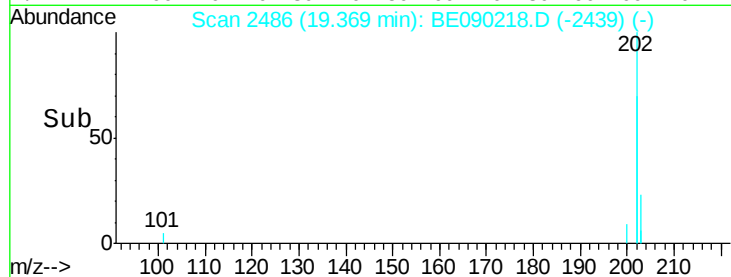
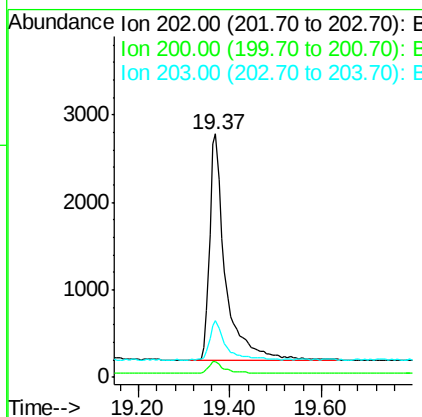
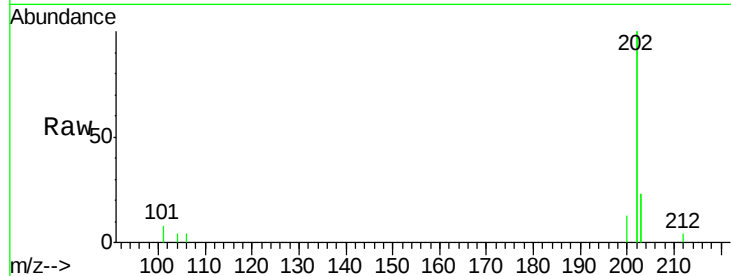
#17
 Pyrene
 Concen: 0.20 ng/ul
 RT: 19.37 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BE090218.D
 Acq: 22 Jul 2015 3:49

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.5	4.4	6.6
203	23.3	14.6	22.0#

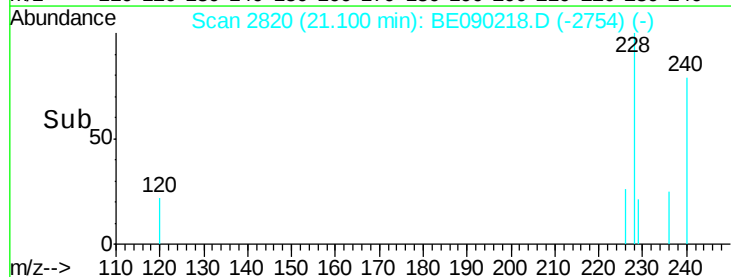
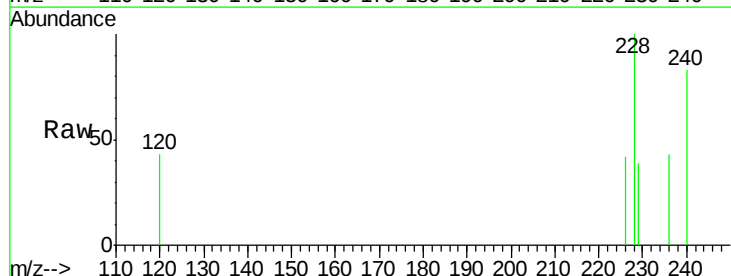
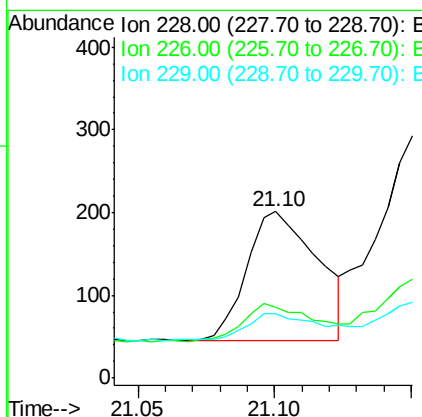
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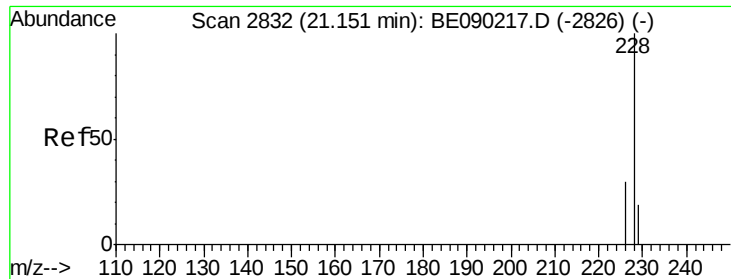
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#18
 Benzo(a)anthracene
 Concen: 0.09 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BE090218.D
 Acq: 22 Jul 2015 3:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.3	24.1	36.1#
229	38.8	17.9	26.9#





#19

Chrysene

Concen: 0.13 ng/ul m

RT: 21.15 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE090218.D

Acq: 22 Jul 2015 3:49

Instrument :

BNA_E

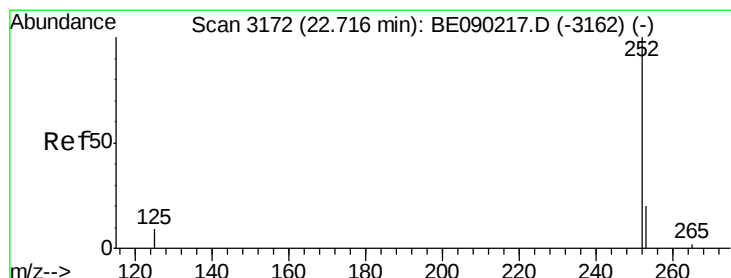
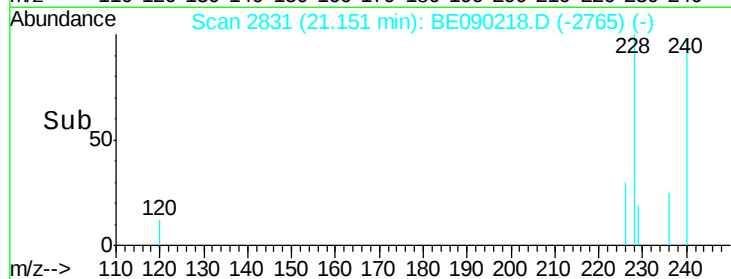
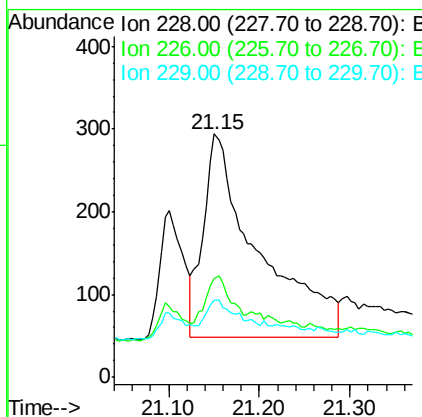
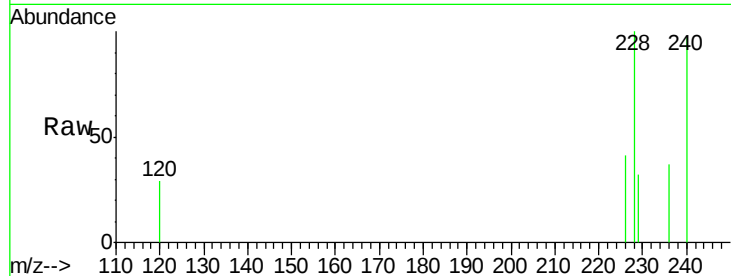
ClientSampleId :

MDL-01-S

Tgt Ion:	228	Resp:	1030
Ion Ratio	Lower	Upper	
228	100		
226	40.8	24.6	36.8#
229	31.6	17.4	26.2#

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#21

Benzo(b)fluoranthene

Concen: 0.14 ng/ul

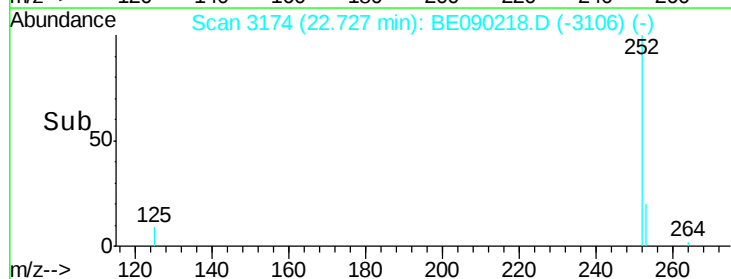
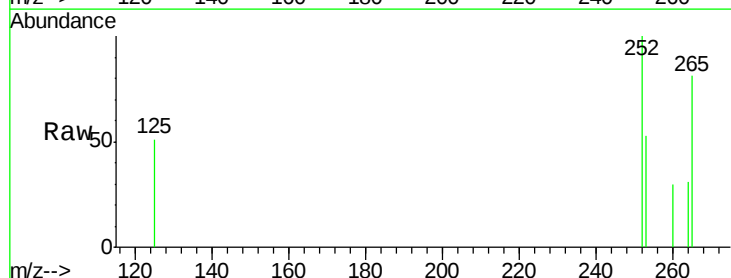
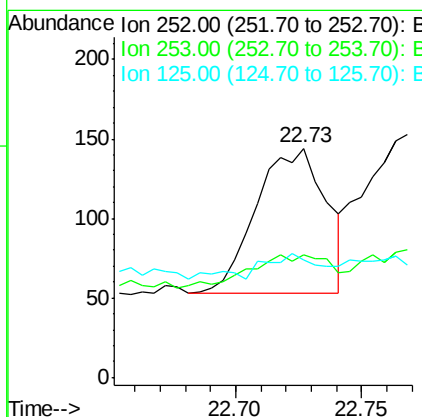
RT: 22.73 min Scan# 3174

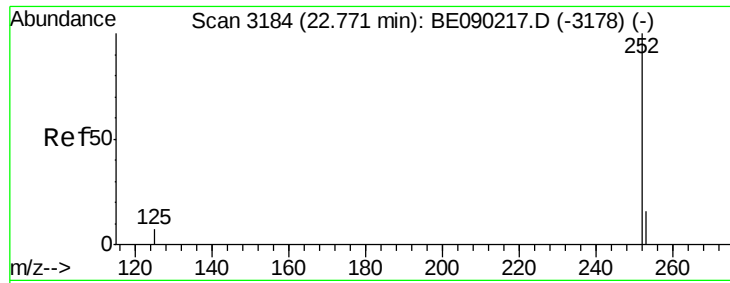
Delta R.T. 0.01 min

Lab File: BE090218.D

Acq: 22 Jul 2015 3:49

Tgt Ion:	252	Resp:	175
Ion Ratio	Lower	Upper	
252	100		
253	53.5	0.0	56.8
125	51.4	0.0	37.0#





#22

Benzo(k)fluoranthene

Concen: 0.07 ng/ul m

RT: 22.77 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BE090218.D

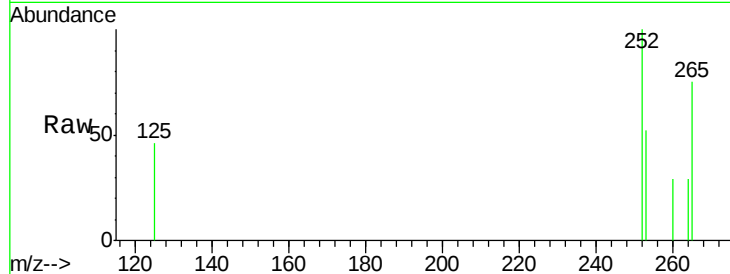
Acq: 22 Jul 2015 3:49

Instrument :

BNA_E

ClientSampleId :

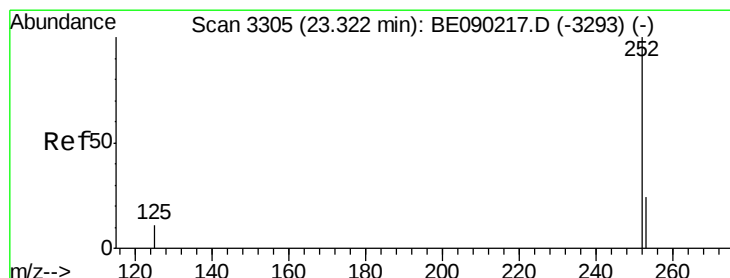
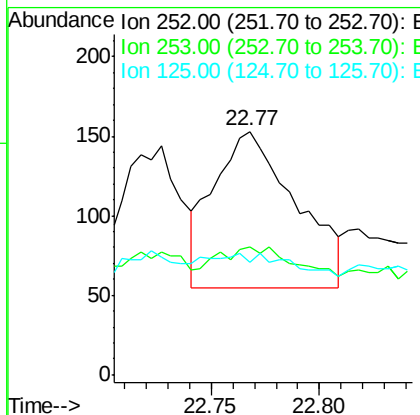
MDL-01-S



Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.3	19.5	29.3#
125	46.4	11.9	17.9#

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#23

Benzo(a)pyrene

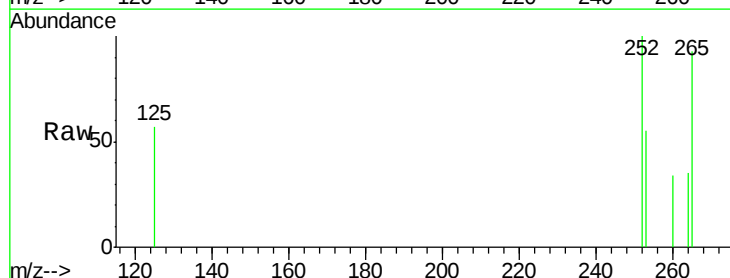
Concen: 0.11 ng/ul

RT: 23.32 min Scan# 3304

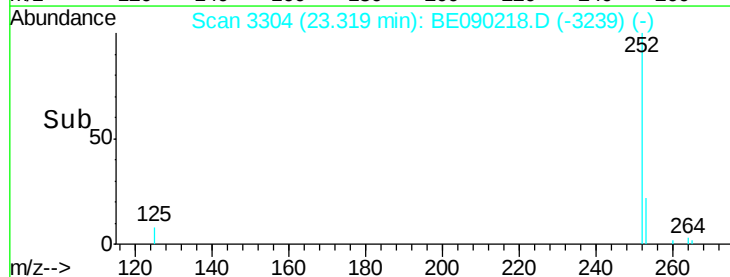
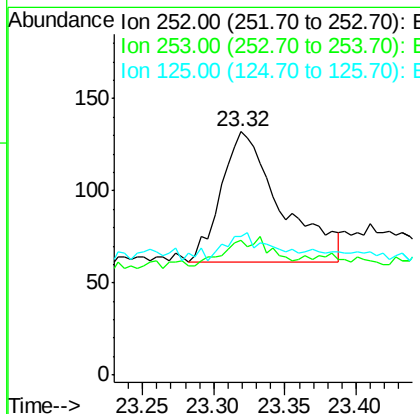
Delta R.T. -0.00 min

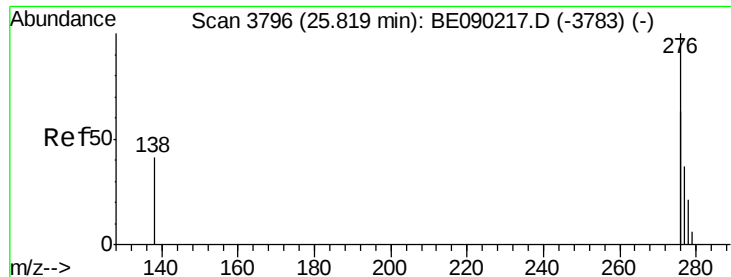
Lab File: BE090218.D

Acq: 22 Jul 2015 3:49



Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.3	23.7	35.5#
125	56.8	15.4	23.2#





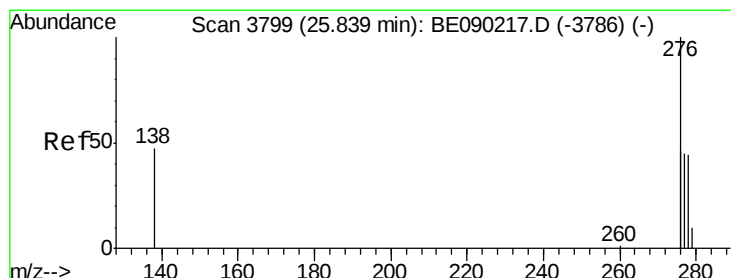
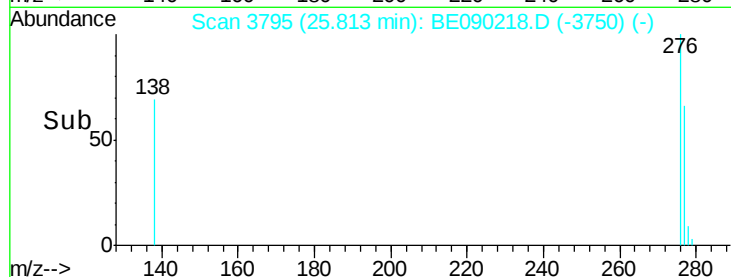
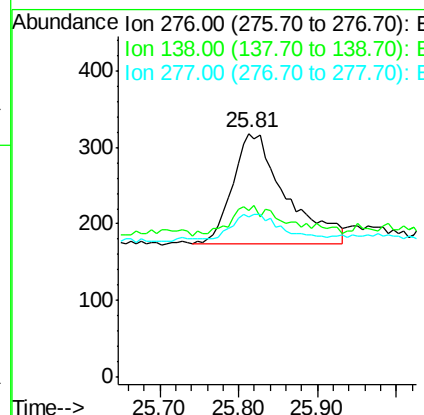
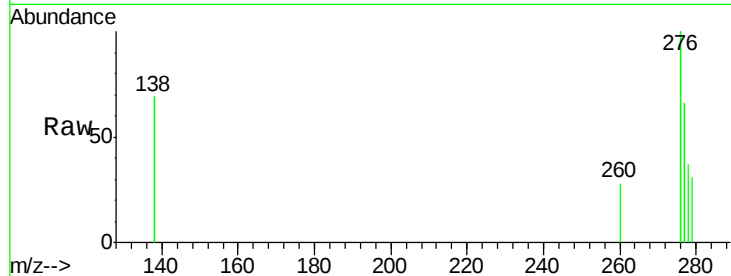
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.12 ng/ul
 RT: 25.81 min Scan# 3795
 Delta R.T. -0.01 min
 Lab File: BE090218.D
 Acq: 22 Jul 2015 3:49

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

Tgt Ion: 276 Resp: 657
 Ion Ratio Lower Upper
 276 100
 138 15.5 16.9 25.3#
 277 22.2 17.0 25.4

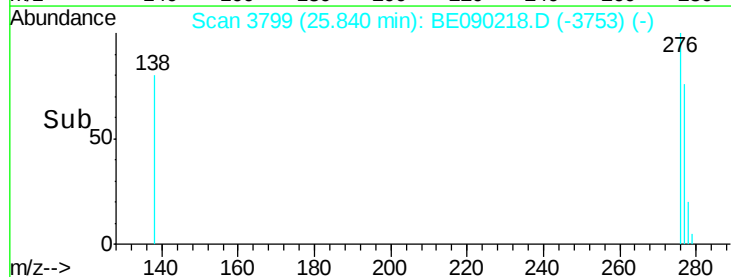
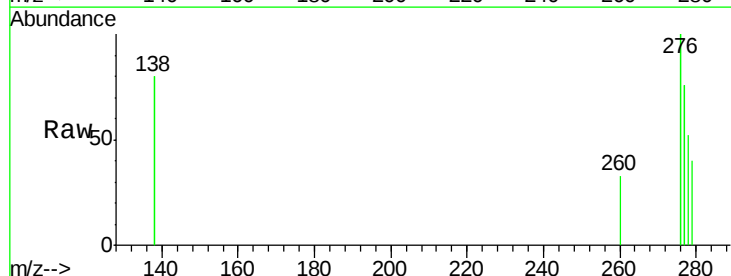
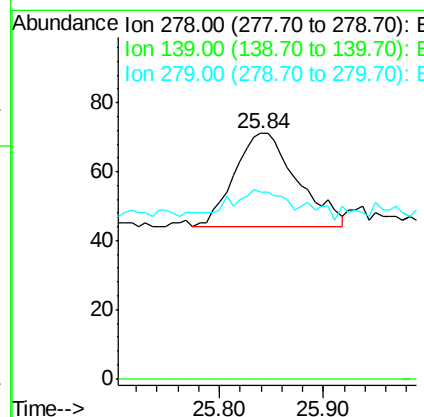
Manual Integrations
 APPROVED

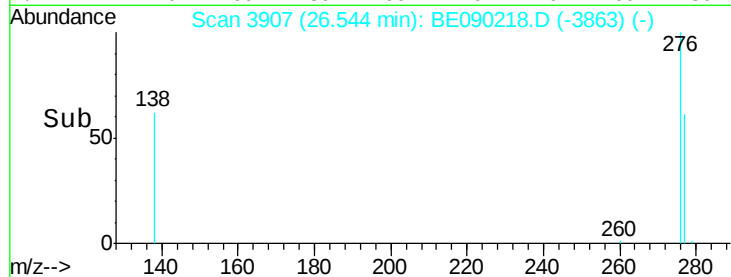
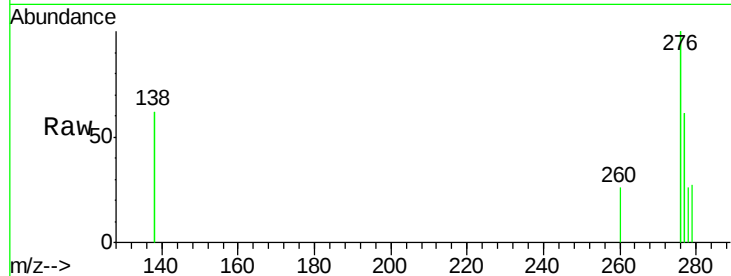
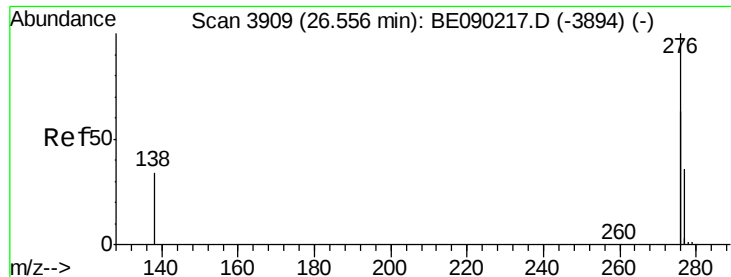
apatel
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.13 ng/ul
 RT: 25.84 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: BE090218.D
 Acq: 22 Jul 2015 3:49

Tgt Ion: 278 Resp: 113
 Ion Ratio Lower Upper
 278 100
 139 0.0 0.0 0.0
 279 76.1 30.1 45.1#





#26
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.54 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BE090218.D
Acq: 22 Jul 2015 3:49

Instrument :
BNA_E
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
276	100		
277	60.7	24.6	36.8#
138	62.4	23.5	35.3#

Manual Integrations
APPROVED

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