

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090224.D
 Acq On : 22 Jul 2015 7:30
 Operator : TP/IZ
 Sample : MDL-07-S
 Misc : MDL-SIM-SOIL-0.15PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-07-S

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Quant Time: Jul 22 09:11:47 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	668	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3255	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1988	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	5228	0.40	ng/ul	0.01
16) Chrysene-d12	21.12	240	2635	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1210	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2253	0.44	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	5942	0.40	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.42	128	1069	0.12	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	731	0.13	ng/ul	96
7) Acenaphthylene	13.93	152	4989	0.12	ng/ul#	92
8) Acenaphthene	14.27	153	3603	0.12	ng/ul	99
9) Fluorene	15.27	166	1033	0.11	ng/ul#	97
12) Phenanthrene	16.99	178	7040	0.12	ng/ul#	95
13) Anthracene	17.07	178	6815	0.12	ng/ul#	90
15) Fluoranthene	19.00	202	7998	0.12	ng/ul	92
17) Pyrene	19.37	202	7745	0.18	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	345	0.08	ng/ul#	79
19) Chrysene	21.15	228	1266m	0.12	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	214	0.14	ng/ul#	48
22) Benzo(k)fluoranthene	22.77	252	345m	0.08	ng/ul	
23) Benzo(a)pyrene	23.32	252	261	0.11	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	25.82	276	771	0.11	ng/ul	93
25) Dibenzo(a,h)anthracene	25.84	278	131	0.11	ng/ul#	46
26) Benzo(g,h,i)perylene	26.56	276	991	0.10	ng/ul#	49

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

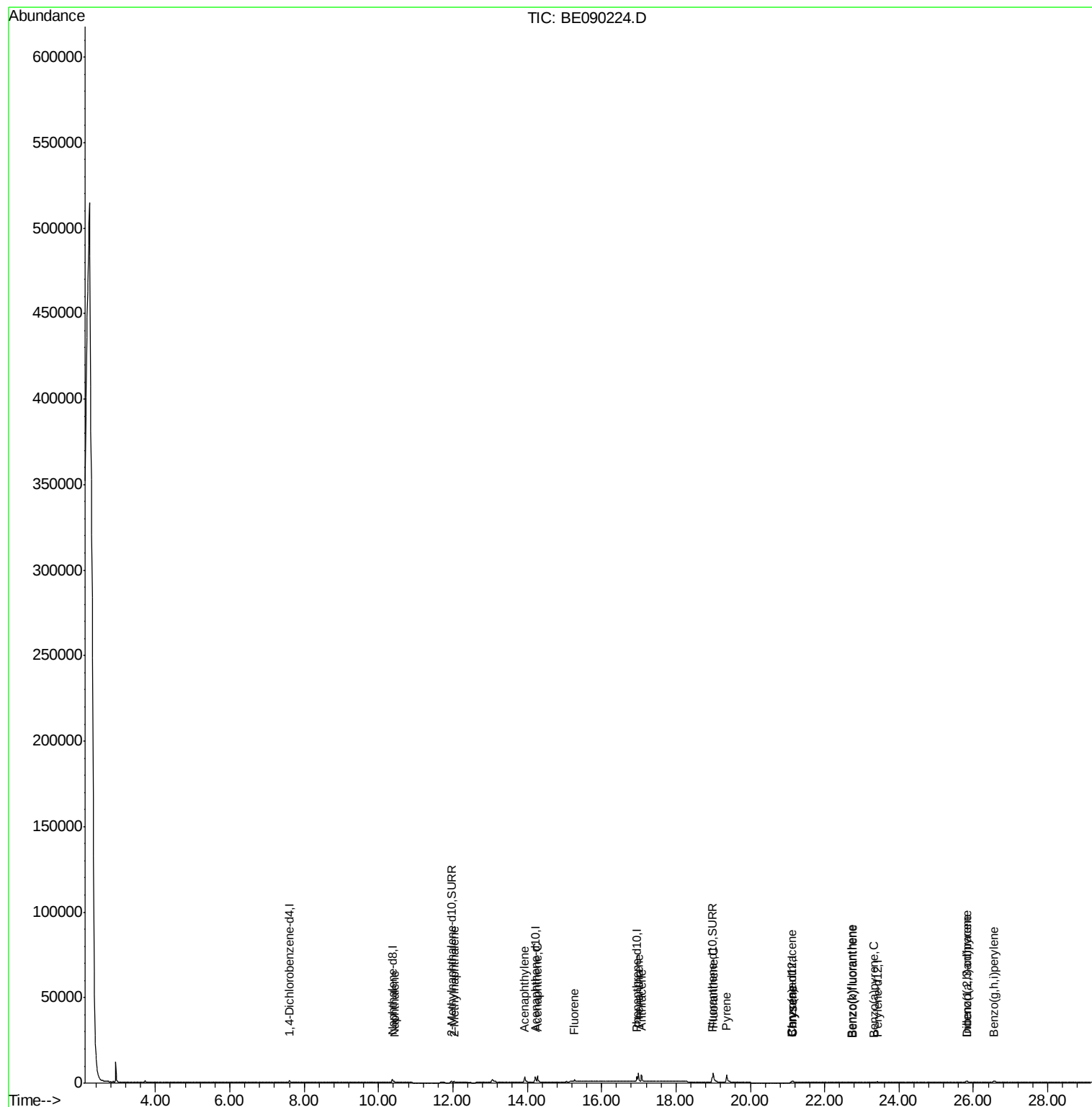
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090224.D
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Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 23 Sample Multiplier: 1

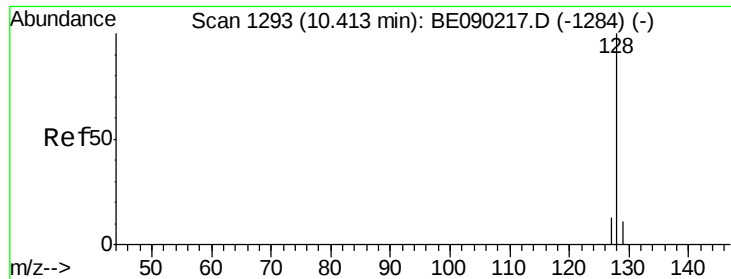
Instrument :
BNA_E
ClientSampleId :
MDL-07-S

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Quant Time: Jul 22 09:11:47 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
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QLast Update : Wed Jul 22 05:40:44 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090224.D

Acq: 22 Jul 2015 7:30

Instrument :

BNA_E

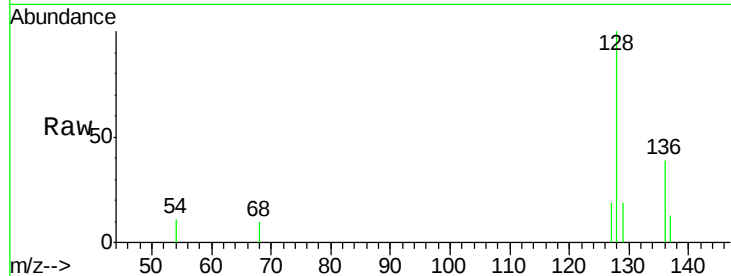
ClientSampleId :

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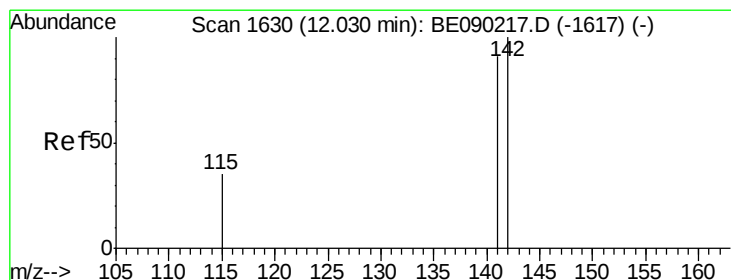
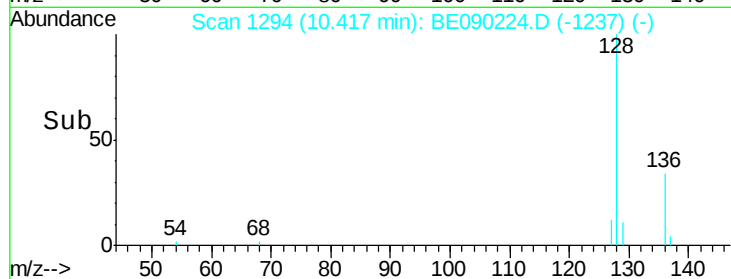
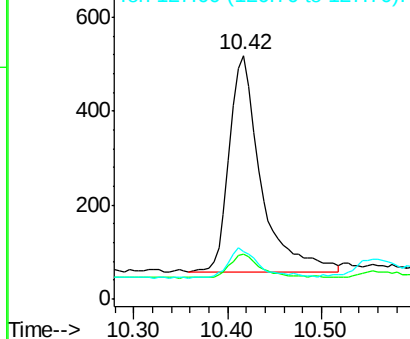
Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.5	10.2	15.2#
127	19.5	11.8	17.6#

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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: 0.13 ng/ul

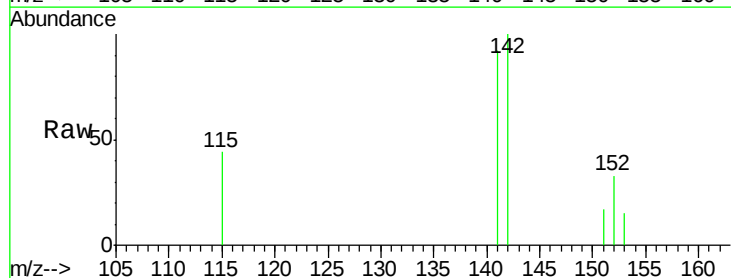
RT: 12.03 min Scan# 1630

Delta R.T. 0.00 min

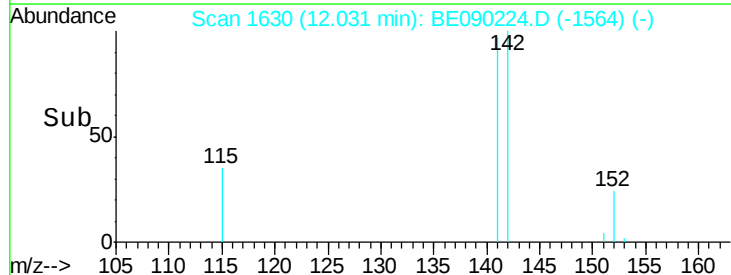
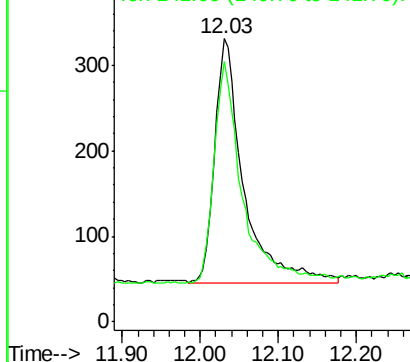
Lab File: BE090224.D

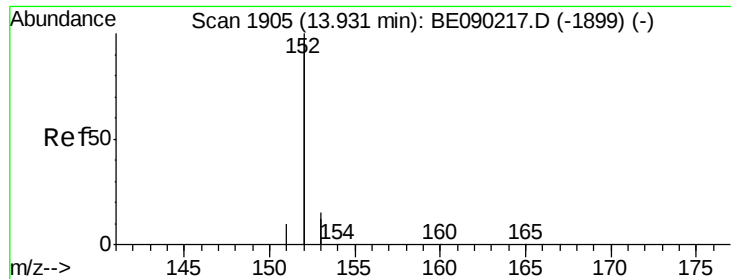
Acq: 22 Jul 2015 7:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	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: 0.12 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090224.D

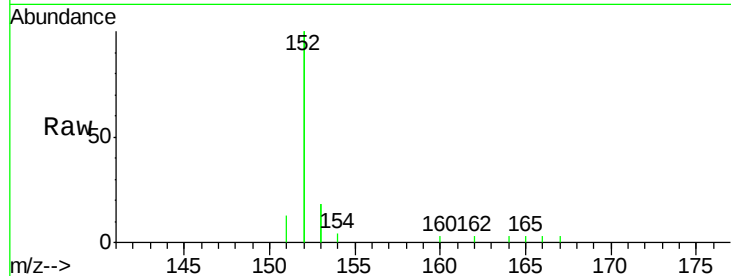
Acq: 22 Jul 2015 7:30

Instrument :

BNA_E

ClientSampleId :

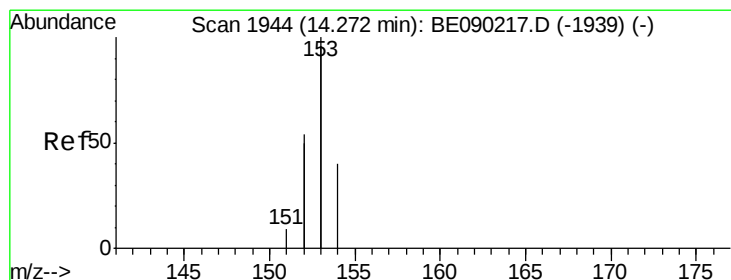
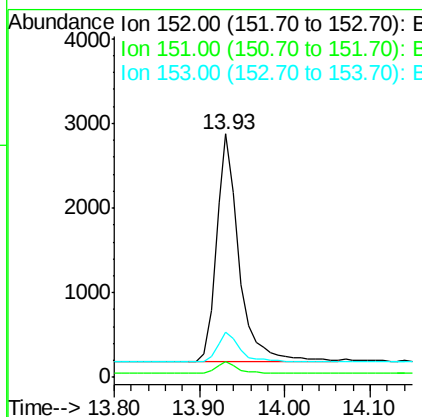
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Tgt Ion:	152	Resp:	4989
Ion Ratio	Lower	Upper	
152	100		
151	6.3	4.2	6.4
153	18.4	11.5	17.3

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#8

Acenaphthene

Concen: 0.12 ng/ul

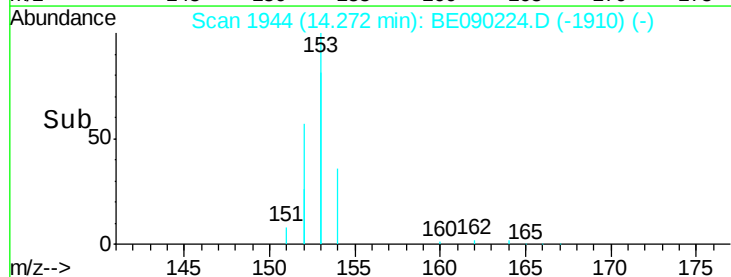
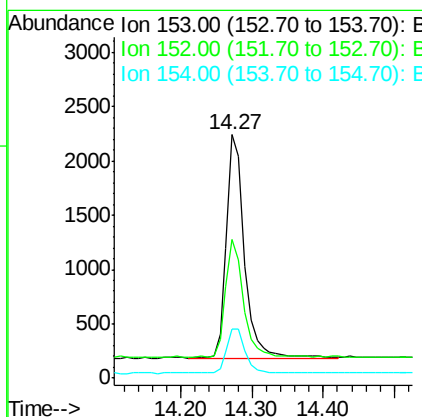
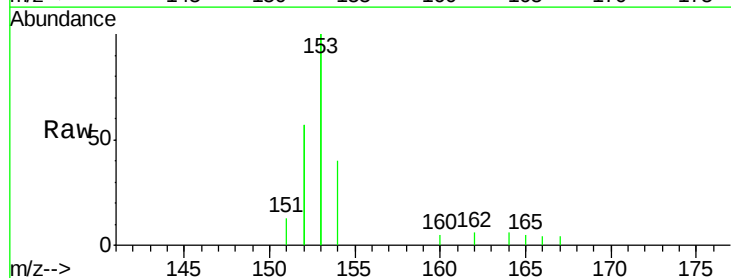
RT: 14.27 min Scan# 1944

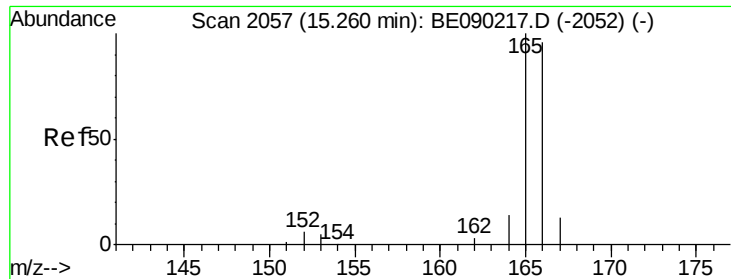
Delta R.T. -0.00 min

Lab File: BE090224.D

Acq: 22 Jul 2015 7:30

Tgt Ion:	153	Resp:	3603
Ion Ratio	Lower	Upper	
153	100		
152	57.0	45.0	67.4
154	20.0	16.8	25.2





#9

Fluorene

Concen: 0.11 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090224.D

Acq: 22 Jul 2015 7:30

Instrument :

BNA_E

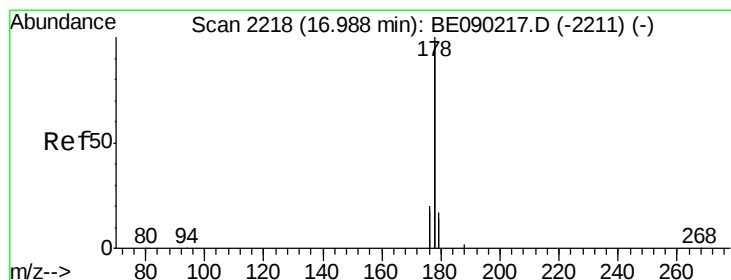
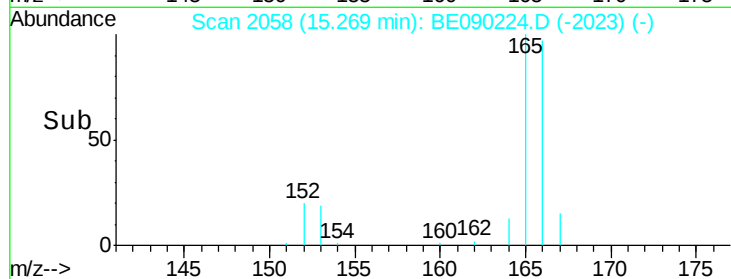
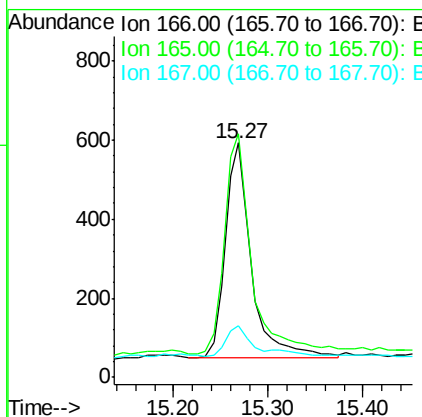
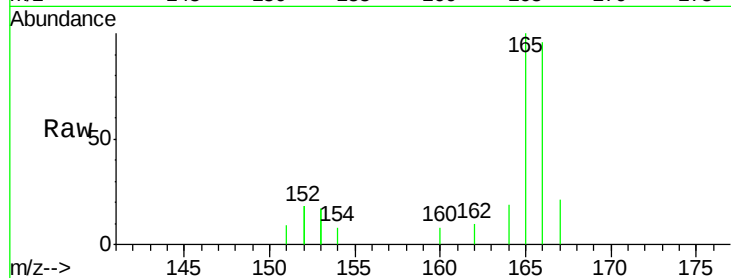
ClientSampleId :

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Tgt Ion:	166	Resp:	1033
Ion Ratio	Lower	Upper	
166	100		
165	103.9	81.9	122.9
167	22.3	12.2	18.2#

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#12

Phenanthrene

Concen: 0.12 ng/ul

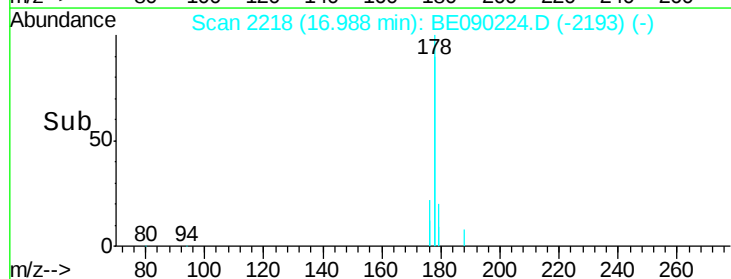
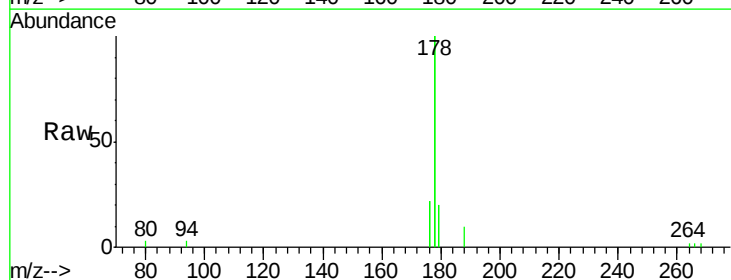
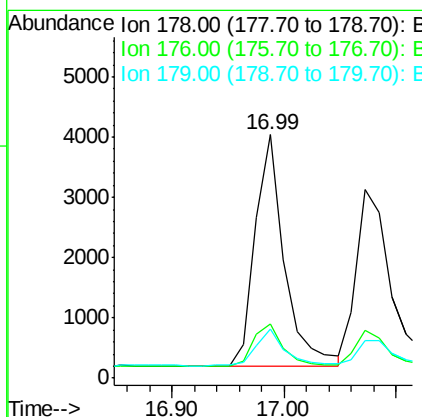
RT: 16.99 min Scan# 2218

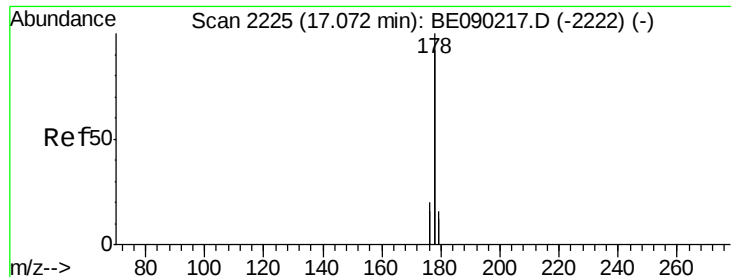
Delta R.T. -0.00 min

Lab File: BE090224.D

Acq: 22 Jul 2015 7:30

Tgt Ion:	178	Resp:	7040
Ion Ratio	Lower	Upper	
178	100		
176	22.0	17.6	26.4
179	20.1	12.2	18.4#





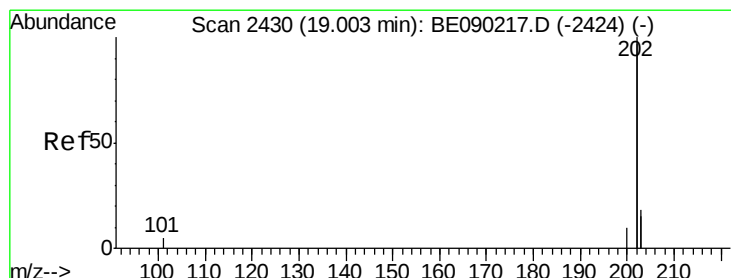
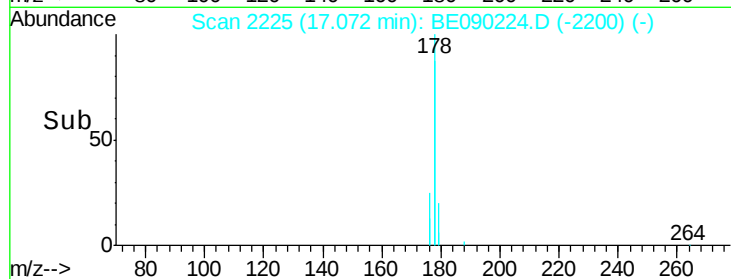
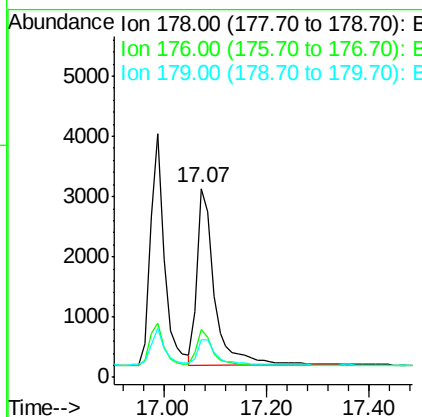
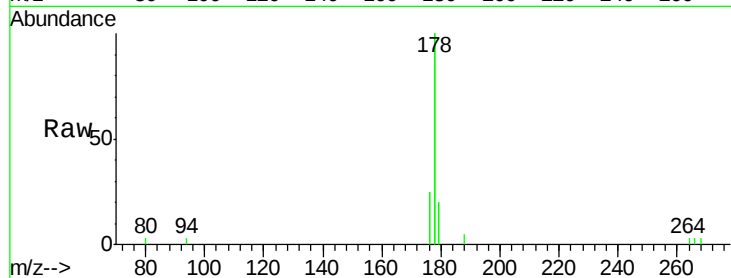
#13
 Anthracene
 Concen: 0.12 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090224.D
 Acq: 22 Jul 2015 7:30

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.5	15.9	23.9#
179	19.6	13.3	19.9

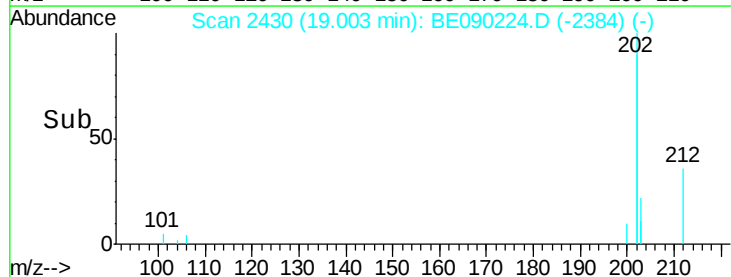
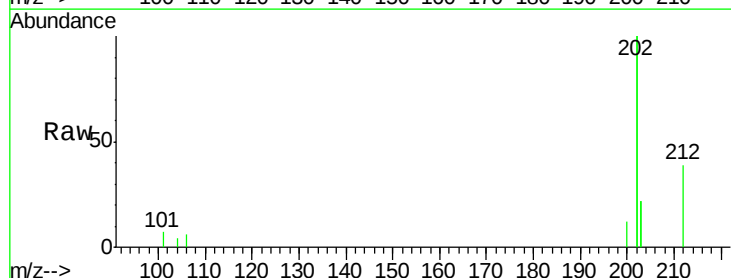
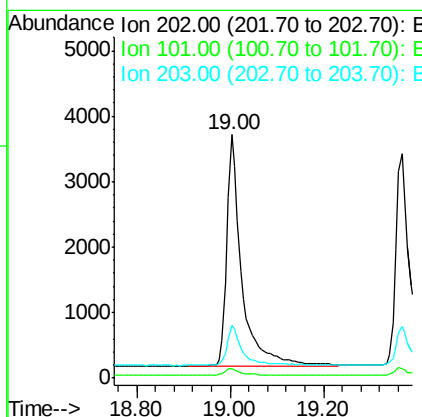
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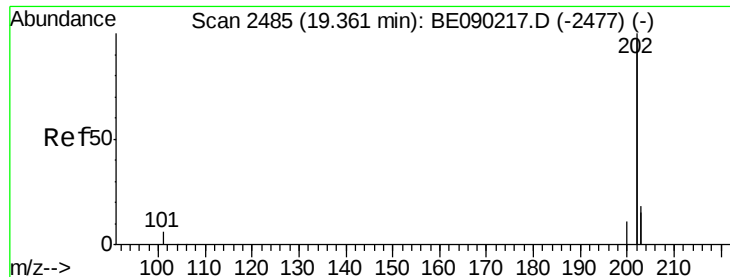
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#15
 Fluoranthene
 Concen: 0.12 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BE090224.D
 Acq: 22 Jul 2015 7:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	23.0
203	21.5	0.0	37.8





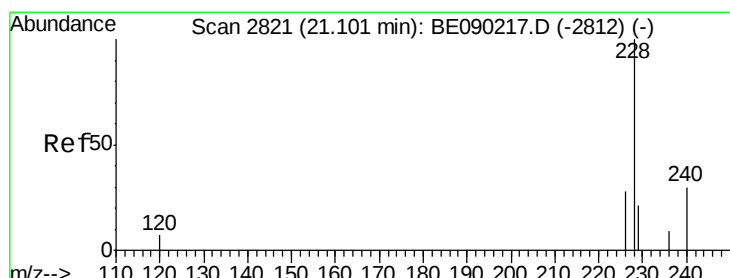
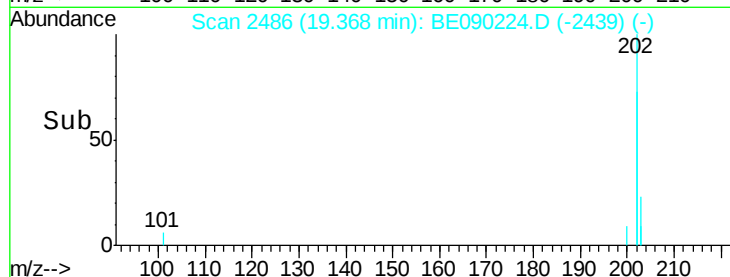
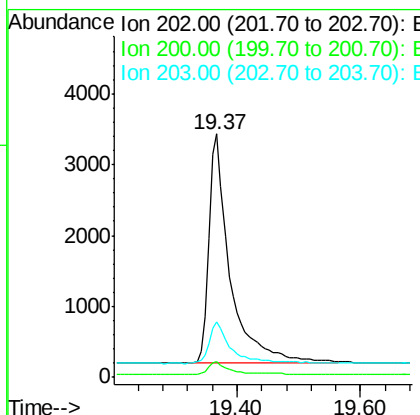
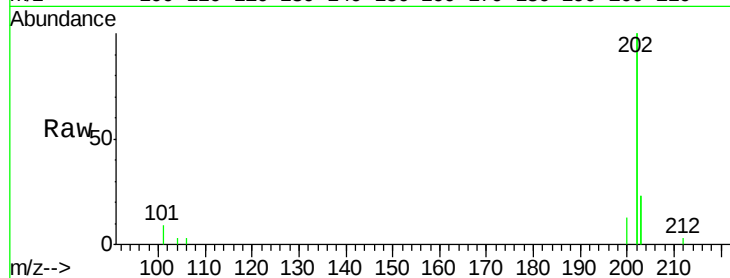
#17
 Pyrene
 Concen: 0.18 ng/ul
 RT: 19.37 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BE090224.D
 Acq: 22 Jul 2015 7:30

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.4	4.4	6.6
203	23.0	14.6	22.0#

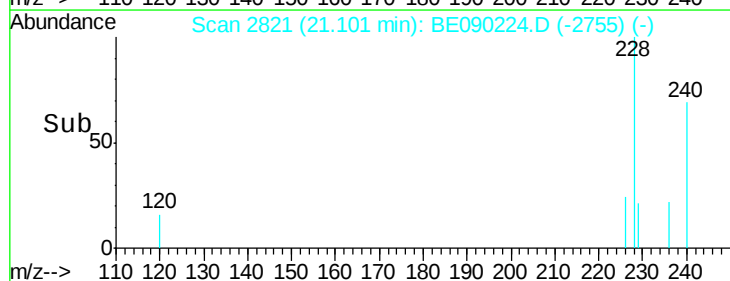
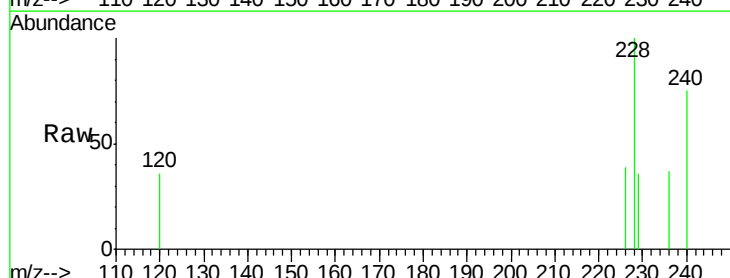
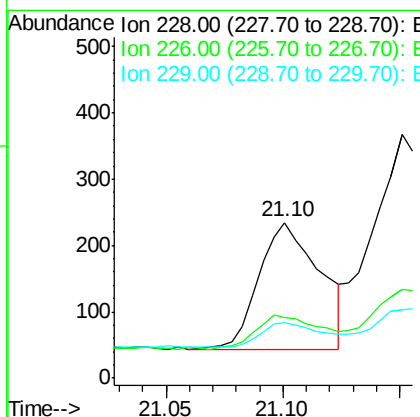
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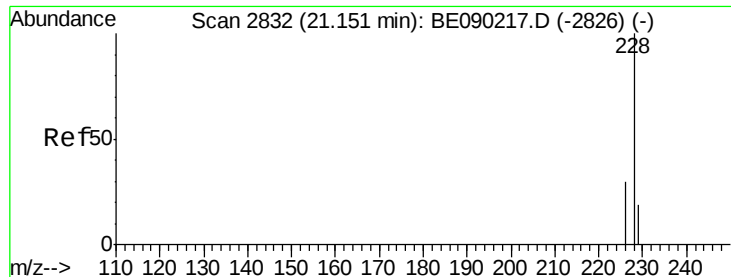
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#18
 Benzo(a)anthracene
 Concen: 0.08 ng/ul
 RT: 21.10 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BE090224.D
 Acq: 22 Jul 2015 7:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.7	24.1	36.1#
229	35.7	17.9	26.9#





#19

Chrysene

Concen: 0.12 ng/ul m

RT: 21.15 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE090224.D

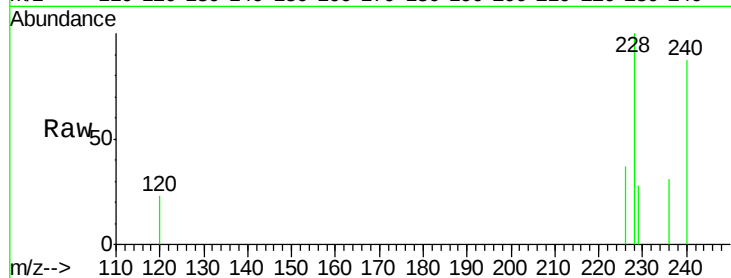
Acq: 22 Jul 2015 7:30

Instrument :

BNA_E

ClientSampleId :

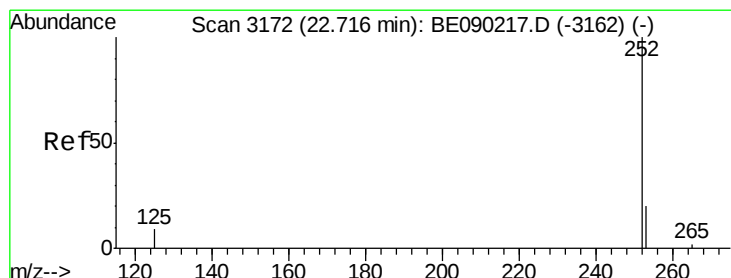
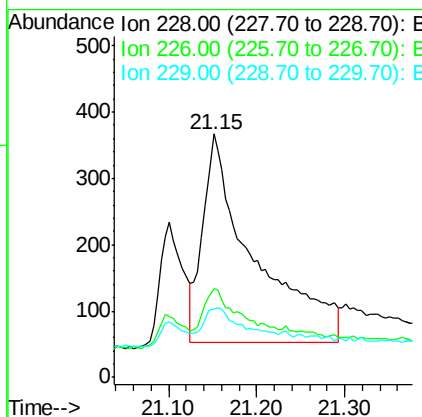
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Tgt Ion:	228	Resp:	1266
Ion Ratio	Lower	Upper	
228	100		
226	36.5	24.6	36.8
229	28.1	17.4	26.2

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#21

Benzo(b)fluoranthene

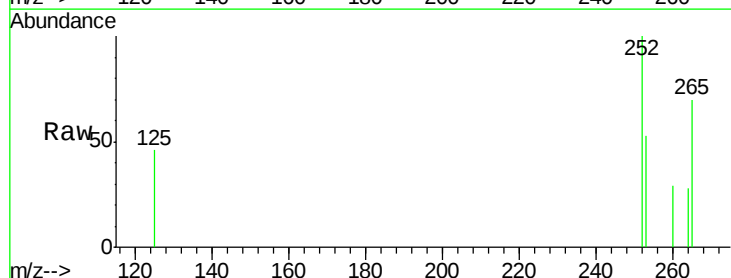
Concen: 0.14 ng/ul

RT: 22.72 min Scan# 3173

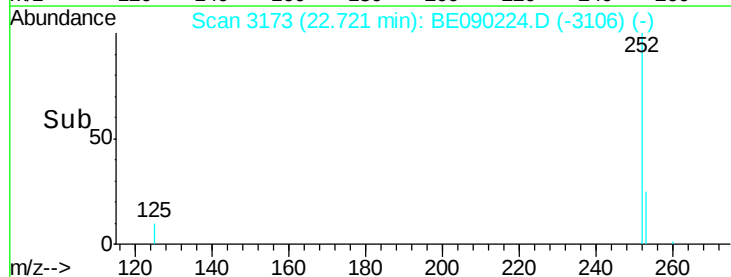
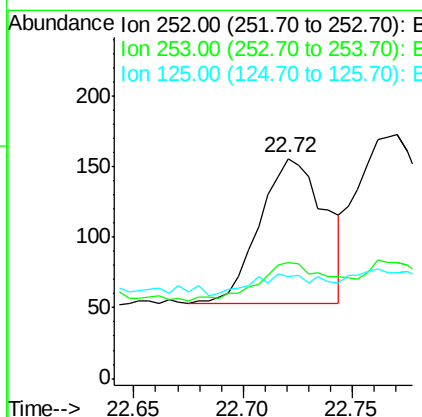
Delta R.T. 0.00 min

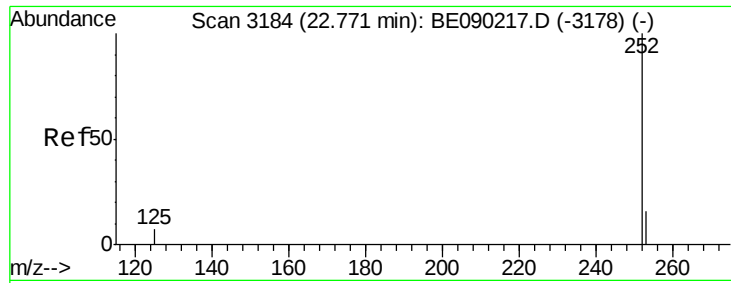
Lab File: BE090224.D

Acq: 22 Jul 2015 7:30



Tgt Ion:	252	Resp:	214
Ion Ratio	Lower	Upper	
252	100		
253	52.6	0.0	56.8
125	46.2	0.0	37.0





#22

Benzo(k)fluoranthene

Concen: 0.08 ng/ul m

RT: 22.77 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE090224.D

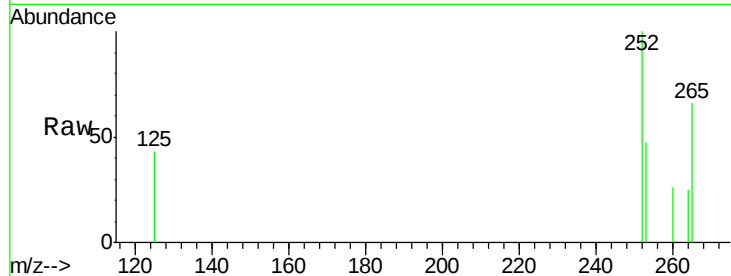
Acq: 22 Jul 2015 7:30

Instrument :

BNA_E

ClientSampleId :

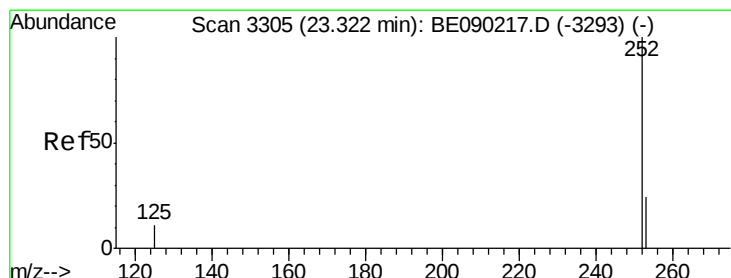
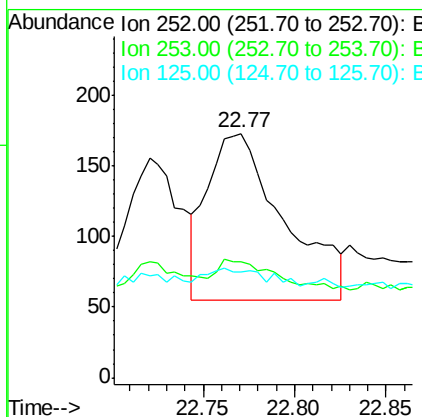
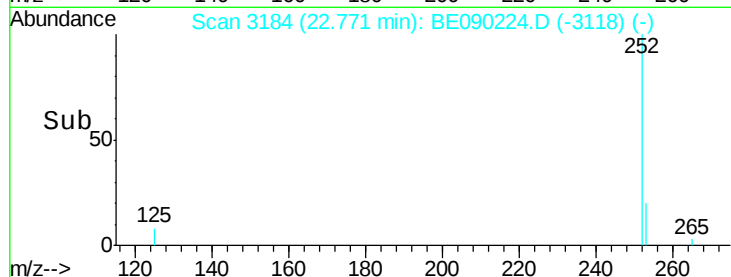
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.4	19.5	29.3#
125	43.4	11.9	17.9#

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#23

Benzo(a)pyrene

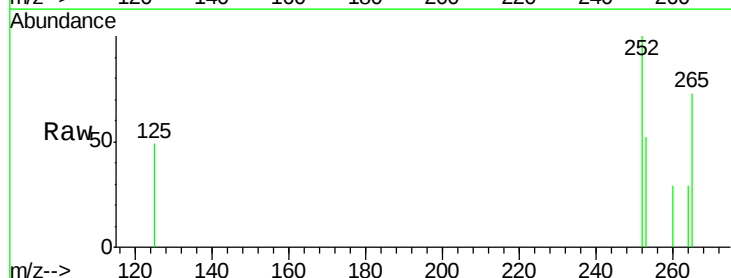
Concen: 0.11 ng/ul

RT: 23.32 min Scan# 3305

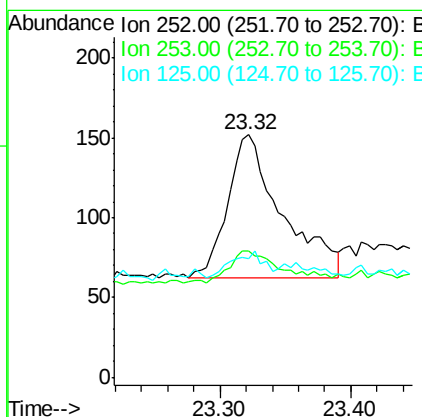
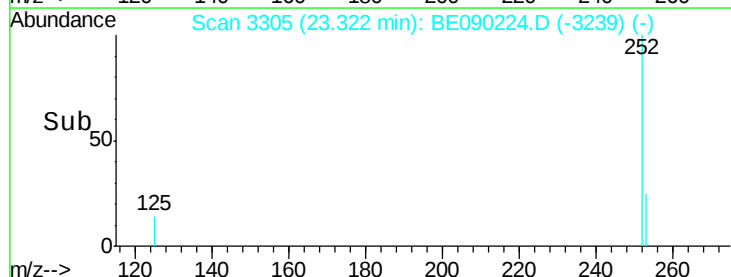
Delta R.T. -0.00 min

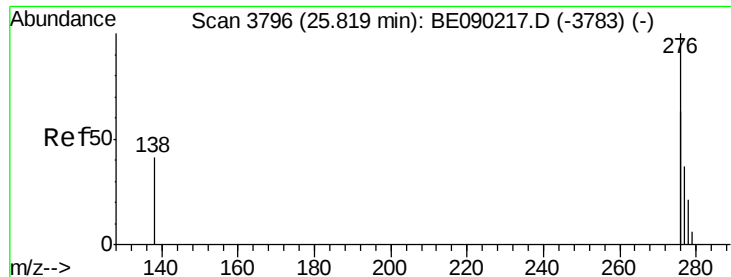
Lab File: BE090224.D

Acq: 22 Jul 2015 7:30



Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.0	23.7	35.5#
125	48.7	15.4	23.2#





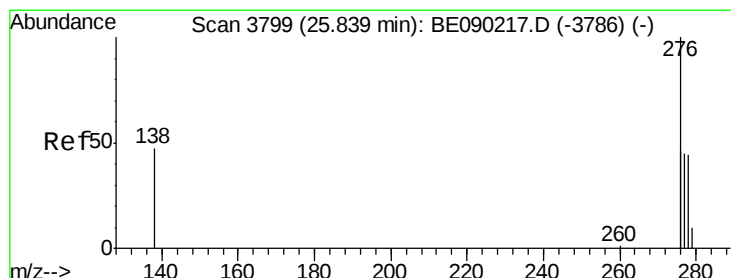
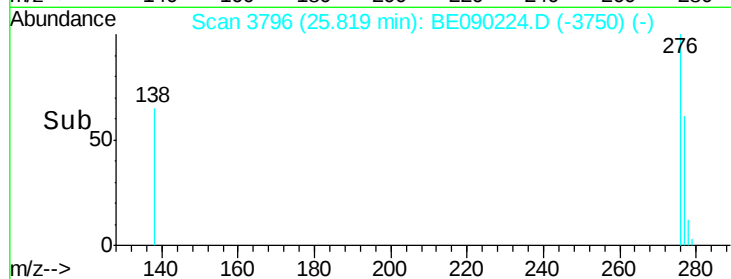
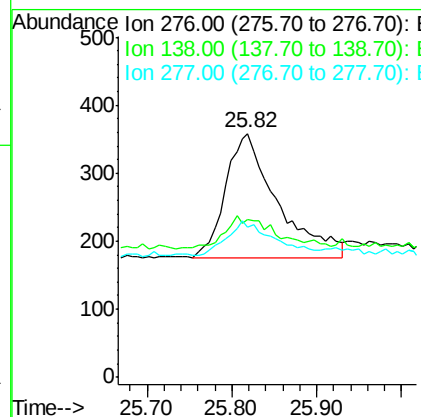
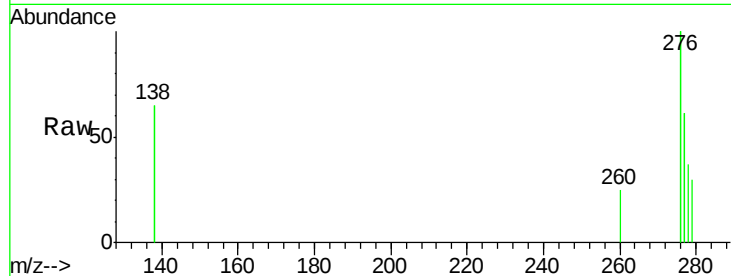
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. -0.00 min
 Lab File: BE090224.D
 Acq: 22 Jul 2015 7:30

Instrument :
 BNA_E
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	16.9	25.3
277	23.6	17.0	25.4

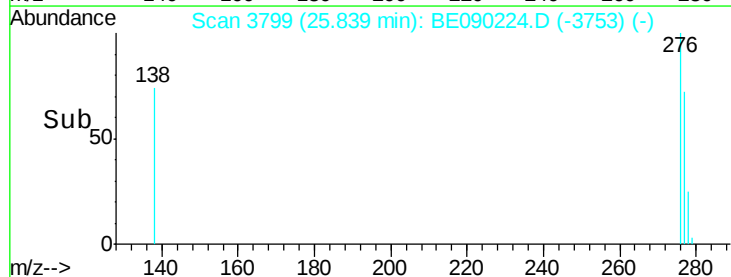
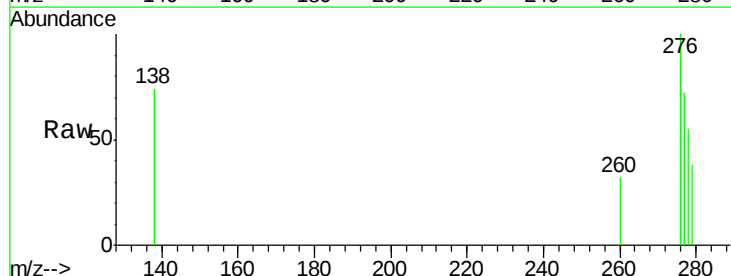
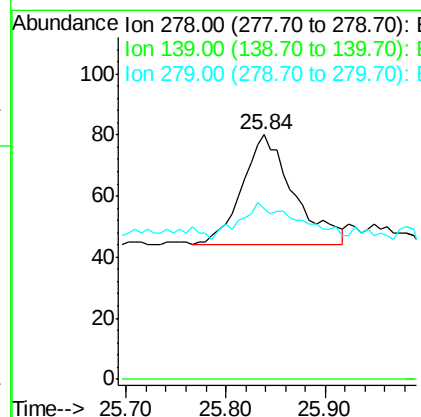
Manual Integrations
 APPROVED

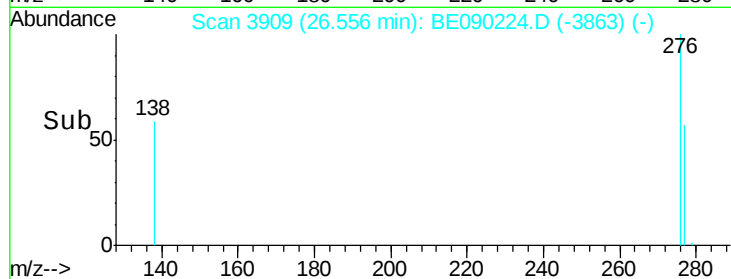
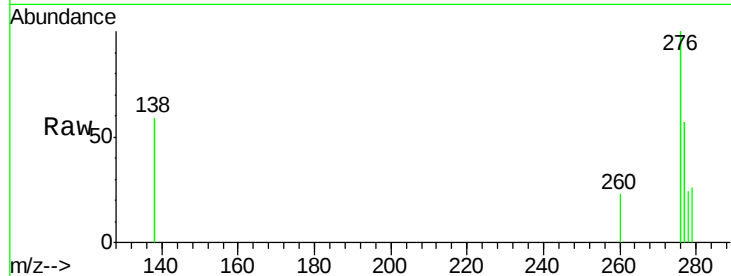
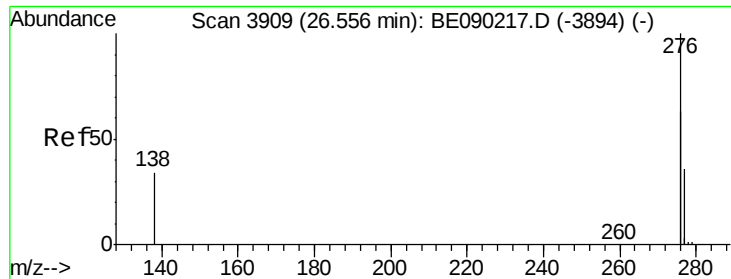
apatel
 7/22/2015 3:26:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng/ul
 RT: 25.84 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: BE090224.D
 Acq: 22 Jul 2015 7:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	70.0	30.1	45.1#





#26

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul

RT: 26.56 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BE090224.D

Acq: 22 Jul 2015 7:30

Instrument :

BNA_E

ClientSampleId :

MDL-07-S

Tgt	Ion	276	Resp	991
Ion	Ratio	Lower	Upper	
276	100			
277	56.9	24.6	36.8#	
138	59.0	23.5	35.3#	

Manual Integrations
APPROVED

apatel
7/22/2015 3:26:56 PM

