

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090216.D
 Acq On : 22 Jul 2015 1:23
 Operator : TP/IZ
 Sample : MDL-07-S
 Misc : MDL-SIM-SOIL-0.07PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-07-S

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Quant Time: Jul 22 05:35:03 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	640	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	1803	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	4748	0.40	ng/ul	0.01
16) Chrysene-d12	21.12	240	2327	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	1130	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	1923	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	5420	0.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	527	0.07	ng/ul#	68
5) 2-Methylnaphthalene	12.04	142	322	0.06	ng/ul	98
7) Acenaphthylene	13.93	152	2496	0.07	ng/ul#	79
8) Acenaphthene	14.27	153	1803	0.07	ng/ul	98
9) Fluorene	15.27	166	542	0.07	ng/ul#	93
12) Phenanthrene	16.99	178	3634	0.07	ng/ul#	87
13) Anthracene	17.07	178	3580	0.07	ng/ul#	79
15) Fluoranthene	19.00	202	4082	0.07	ng/ul	82
17) Pyrene	19.37	202	4081	0.11	ng/ul#	83
18) Benzo(a)anthracene	21.10	228	177	0.05	ng/ul#	54
19) Chrysene	21.16	228	577m	0.06	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	116	0.08	ng/ul#	21
22) Benzo(k)fluoranthene	22.77	252	152m	0.04	ng/ul	
23) Benzo(a)pyrene	23.32	252	139	0.06	ng/ul#	16
24) Indeno(1,2,3-cd)pyrene	25.82	276	402	0.06	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.84	278	73	0.07	ng/ul#	18
26) Benzo(g,h,i)perylene	26.56	276	498	0.05	ng/ul#	21

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

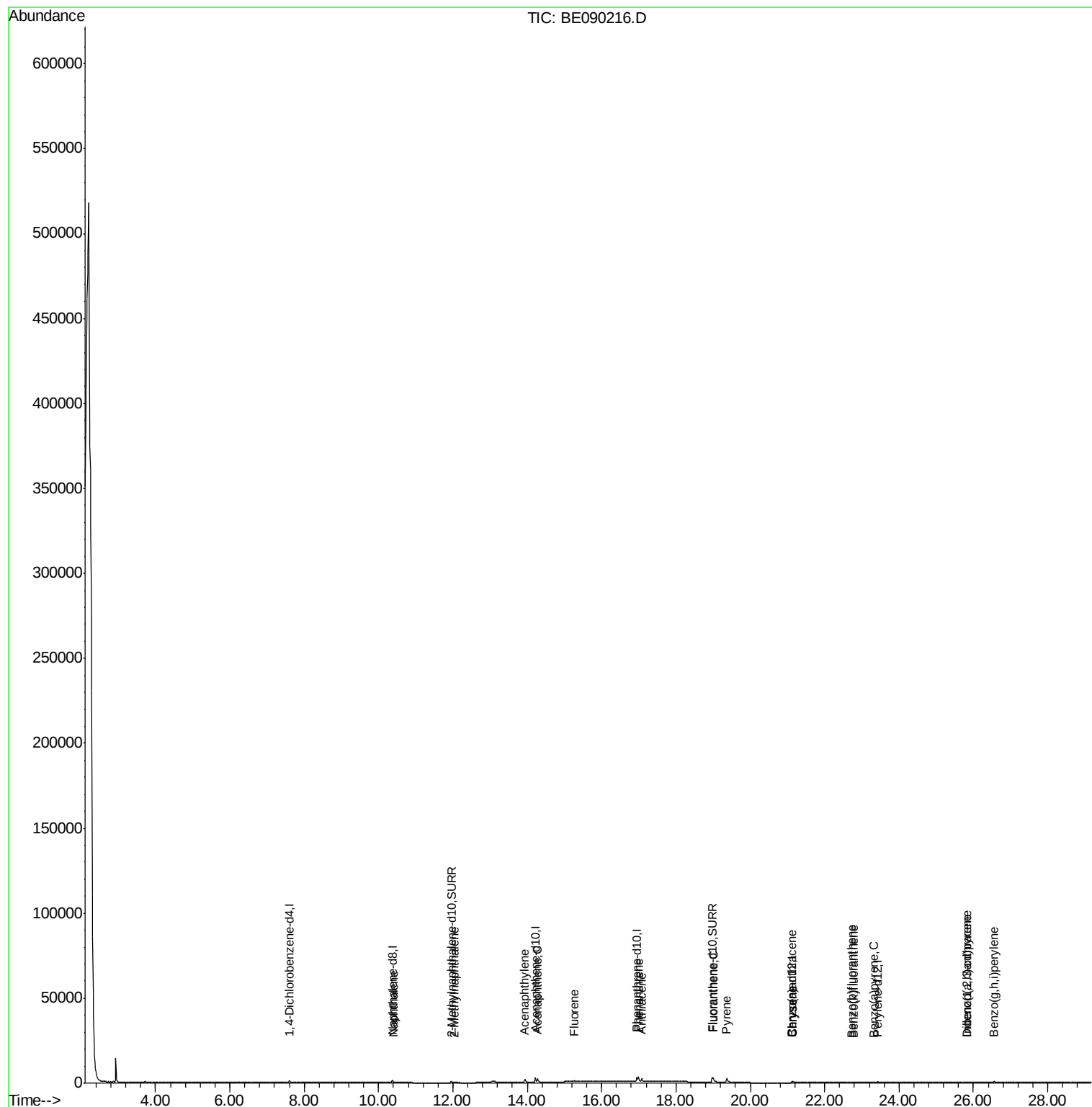
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090216.D
Acq On : 22 Jul 2015 1:23
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ALS Vial : 15 Sample Multiplier: 1

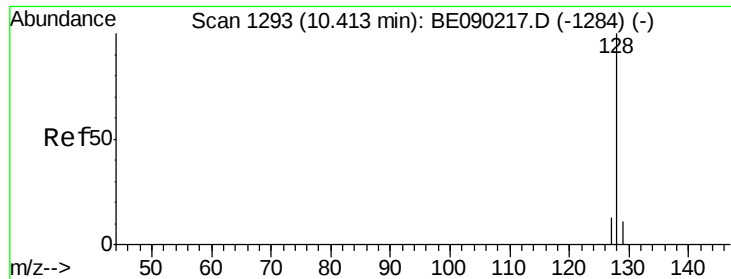
Instrument :
BNA_E
ClientSampleId :
MDL-07-S

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Quant Time: Jul 22 05:35:03 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: 0.07 ng/ul

RT: 10.42 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BE090216.D

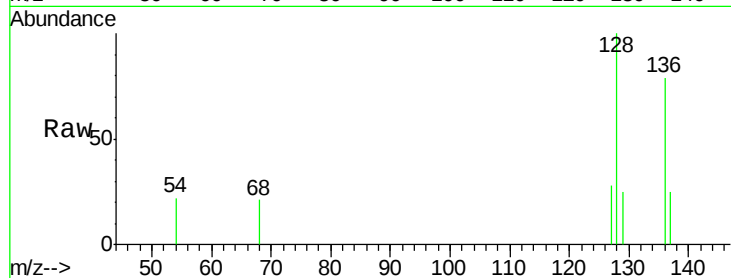
Acq: 22 Jul 2015 1:23

Instrument :

BNA_E

ClientSampleId :

MDL-07-S



Tgt Ion:128 Resp: 527

Ion Ratio Lower Upper

128 100

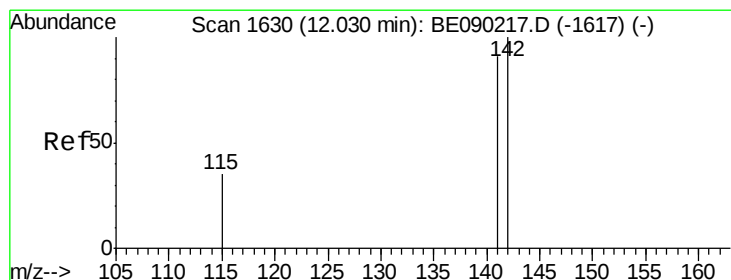
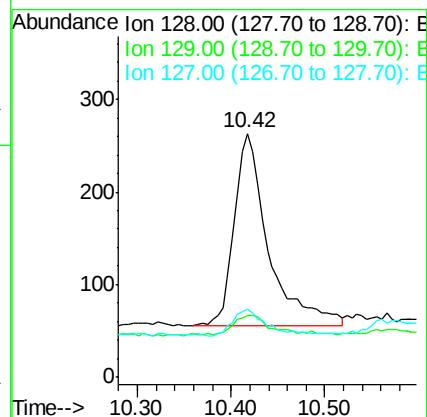
129 25.5 10.2 15.2#

127 28.1 11.8 17.6#

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#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.04 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE090216.D

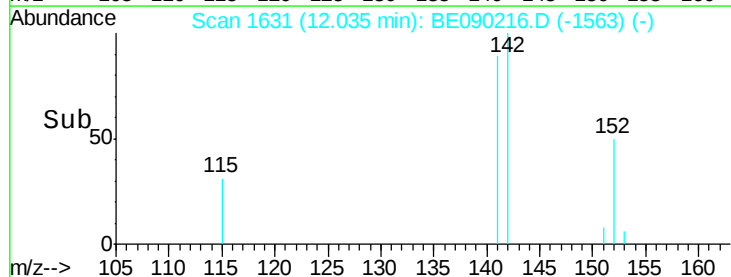
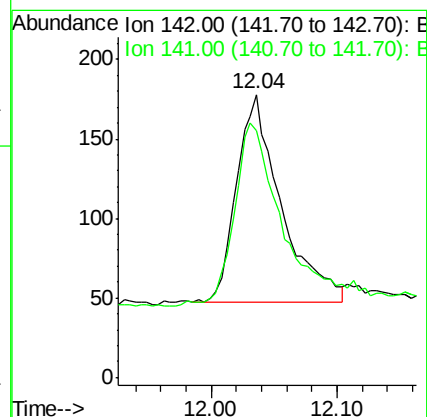
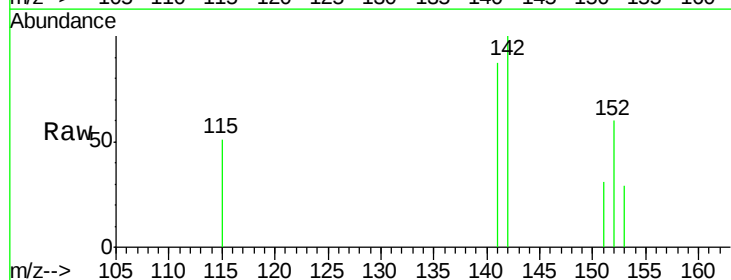
Acq: 22 Jul 2015 1:23

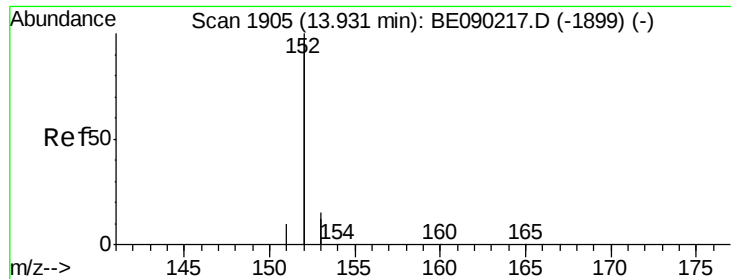
Tgt Ion:142 Resp: 322

Ion Ratio Lower Upper

142 100

141 89.8 73.0 109.6





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090216.D

Acq: 22 Jul 2015 1:23

Instrument :

BNA_E

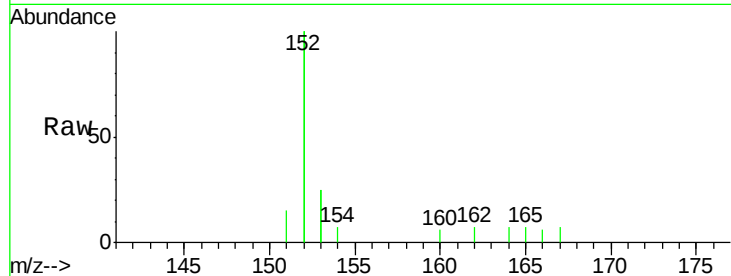
ClientSampleId :

MDL-07-S

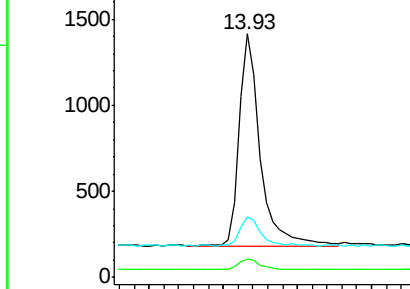
Tgt Ion:	152	Resp:	2496
Ion Ratio	Lower	Upper	
152	100		
151	7.7	4.2	6.4#
153	25.0	11.5	17.3#

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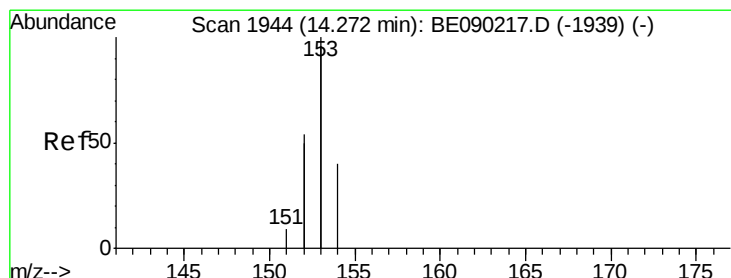
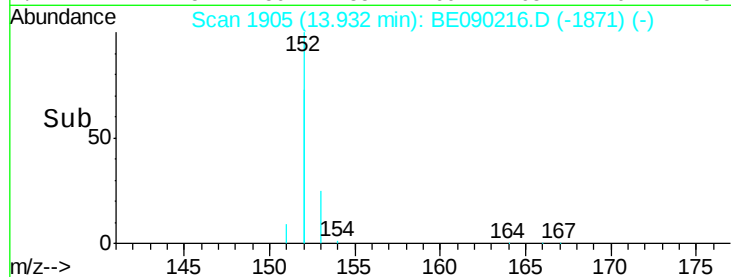
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.07 ng/ul

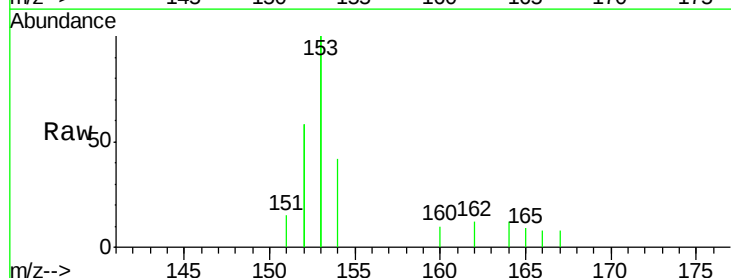
RT: 14.27 min Scan# 1944

Delta R.T. 0.00 min

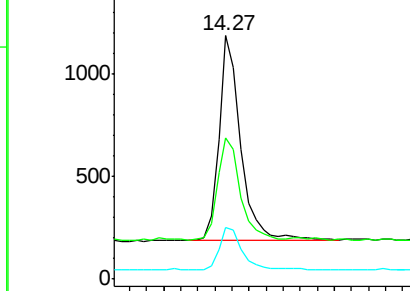
Lab File: BE090216.D

Acq: 22 Jul 2015 1:23

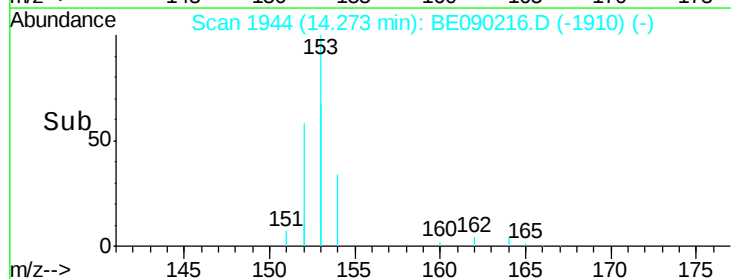
Tgt Ion:	153	Resp:	1803
Ion Ratio	Lower	Upper	
153	100		
152	58.1	45.0	67.4
154	21.0	16.8	25.2

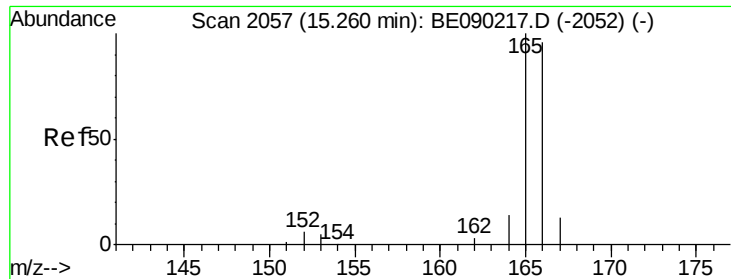


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE090216.D

Acq: 22 Jul 2015 1:23

Instrument :

BNA_E

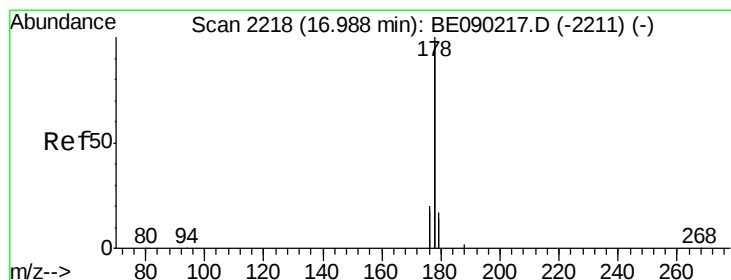
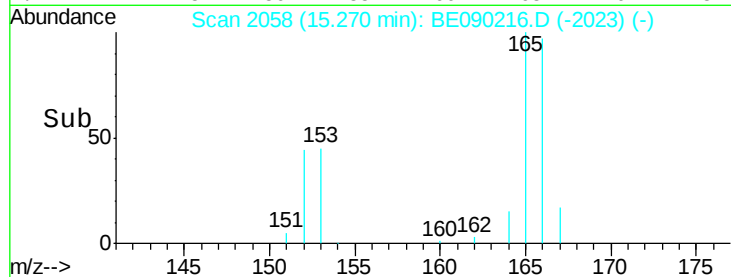
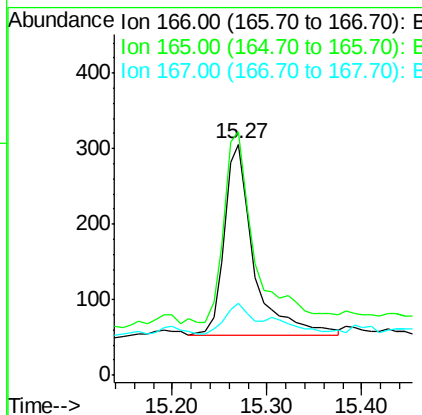
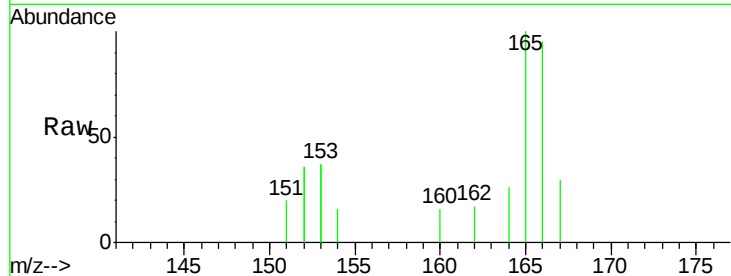
ClientSampleId :

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Tgt Ion:	166	Resp:	542
Ion Ratio	Lower	Upper	
166	100		
165	105.2	81.9	122.9
167	31.0	12.2	18.2

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#12

Phenanthrene

Concen: 0.07 ng/ul

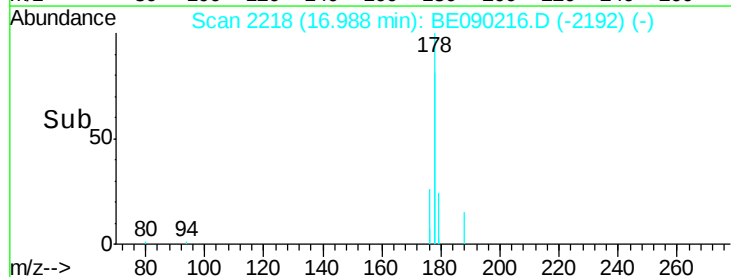
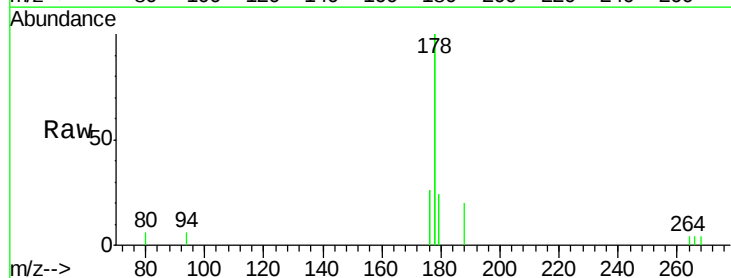
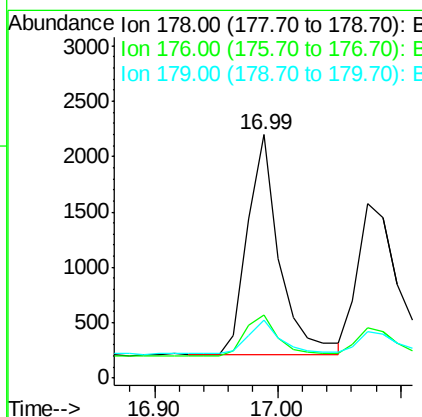
RT: 16.99 min Scan# 2218

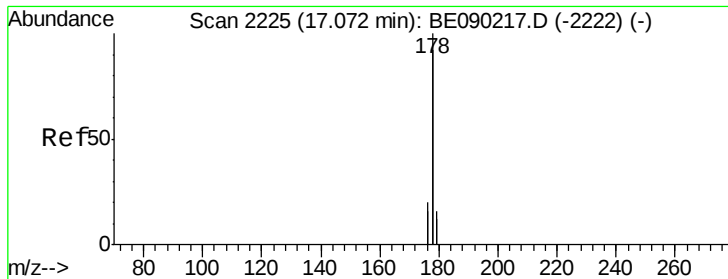
Delta R.T. 0.01 min

Lab File: BE090216.D

Acq: 22 Jul 2015 1:23

Tgt Ion:	178	Resp:	3634
Ion Ratio	Lower	Upper	
178	100		
176	25.8	17.6	26.4
179	23.7	12.2	18.4





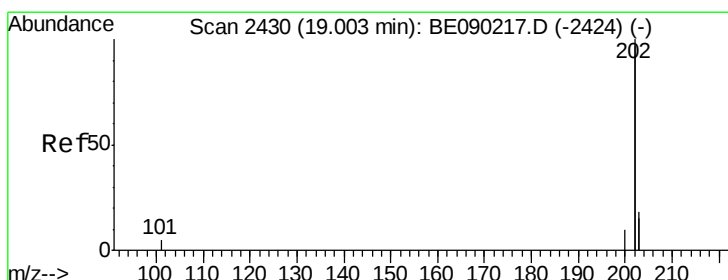
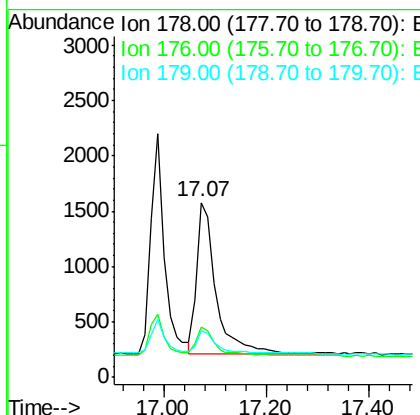
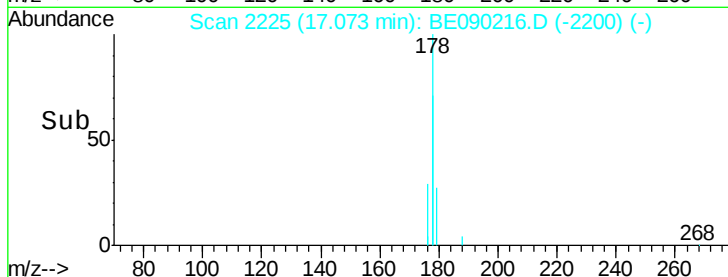
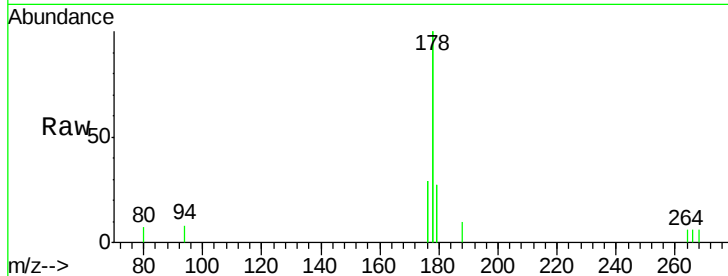
#13
 Anthracene
 Concen: 0.07 ng/ul
 RT: 17.07 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE090216.D
 Acq: 22 Jul 2015 1:23

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	28.9	15.9	23.9#
179	26.6	13.3	19.9#

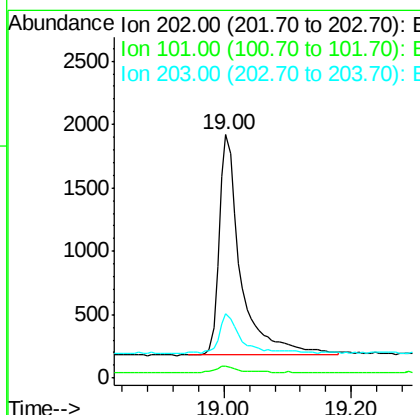
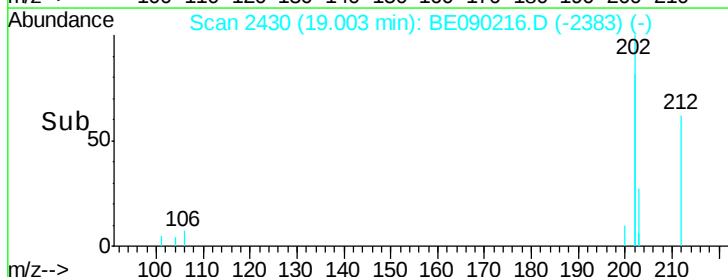
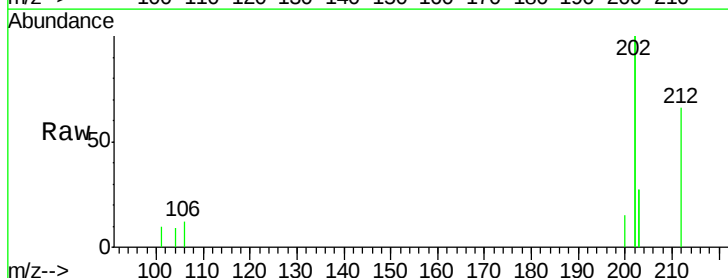
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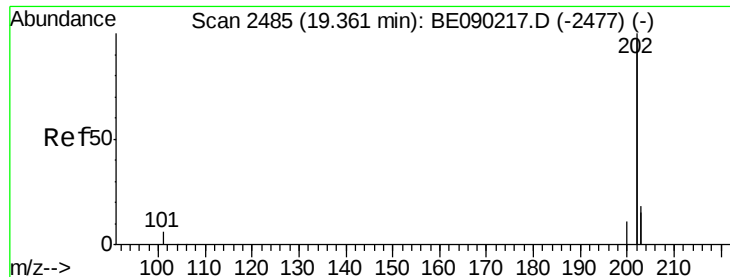
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#15
 Fluoranthene
 Concen: 0.07 ng/ul
 RT: 19.00 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BE090216.D
 Acq: 22 Jul 2015 1:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	23.0
203	26.6	0.0	37.8





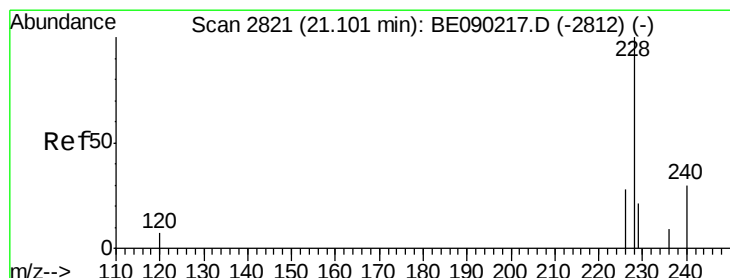
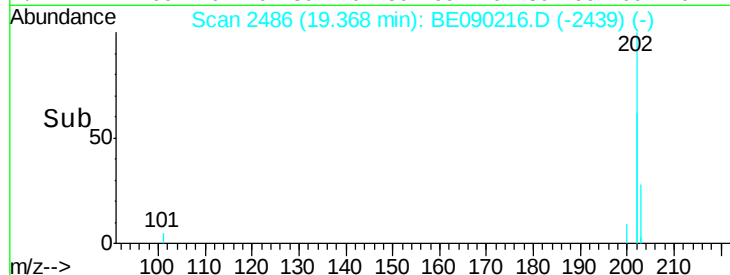
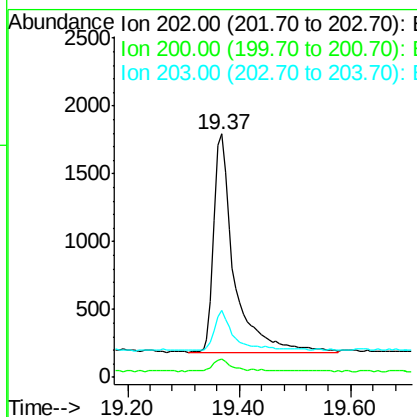
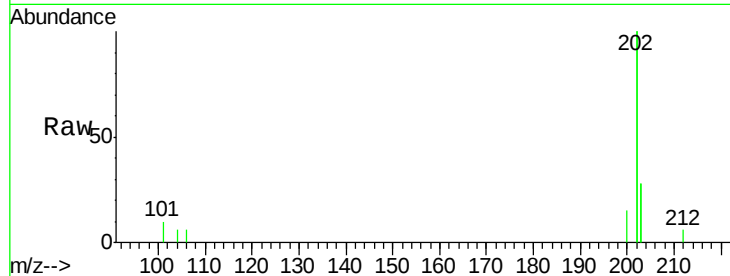
#17
 Pyrene
 Concen: 0.11 ng/ul
 RT: 19.37 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BE090216.D
 Acq: 22 Jul 2015 1:23

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	7.4	4.4	6.6#
203	27.6	14.6	22.0#

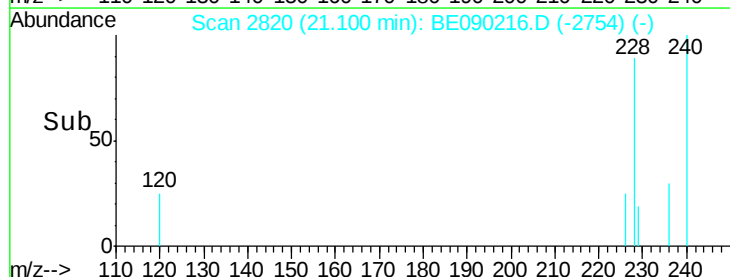
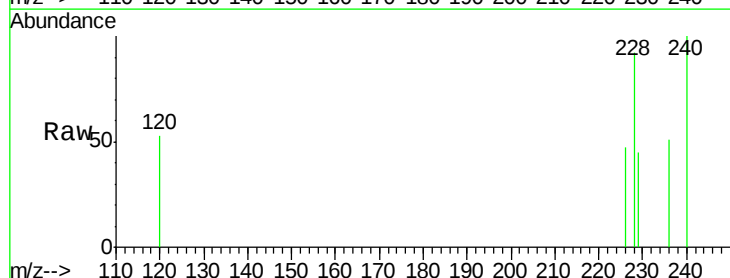
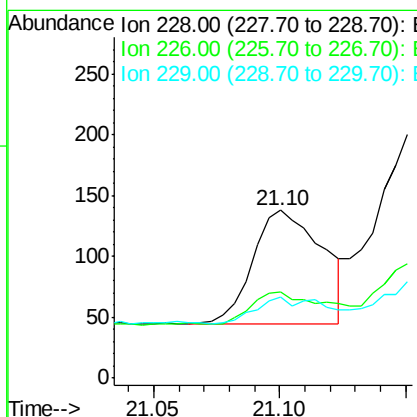
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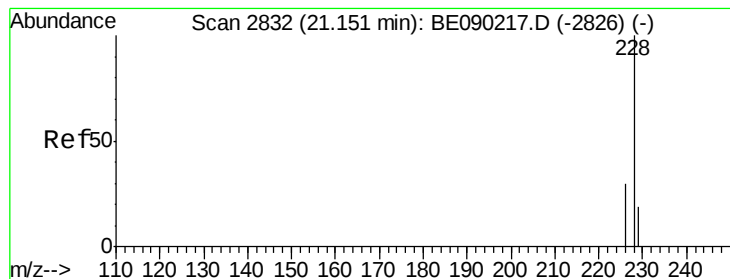
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#18
 Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 21.10 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BE090216.D
 Acq: 22 Jul 2015 1:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	51.4	24.1	36.1#
229	48.6	17.9	26.9#





#19

Chrysene

Concen: 0.06 ng/ul m

RT: 21.16 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE090216.D

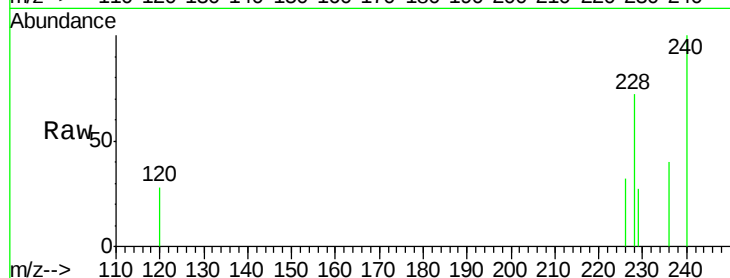
Acq: 22 Jul 2015 1:23

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:228 Resp: 577

Ion Ratio Lower Upper

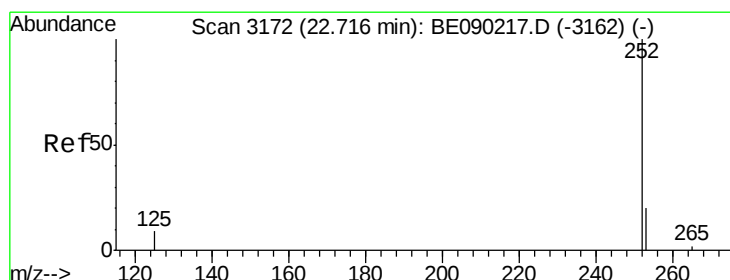
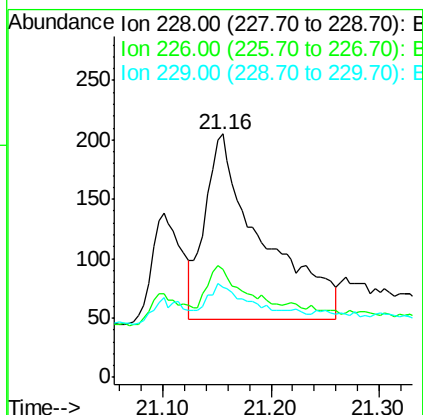
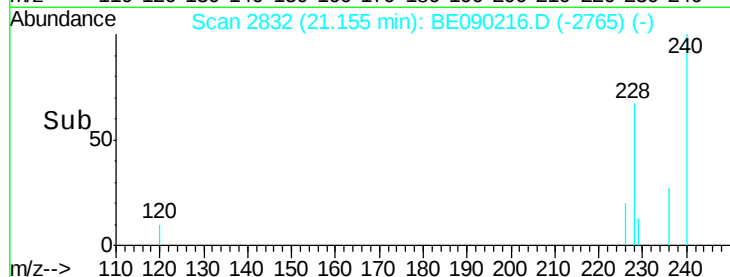
228 100

226 44.4 24.6 36.8#

229 37.1 17.4 26.2#

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#21

Benzo(b)fluoranthene

Concen: 0.08 ng/ul

RT: 22.73 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE090216.D

Acq: 22 Jul 2015 1:23

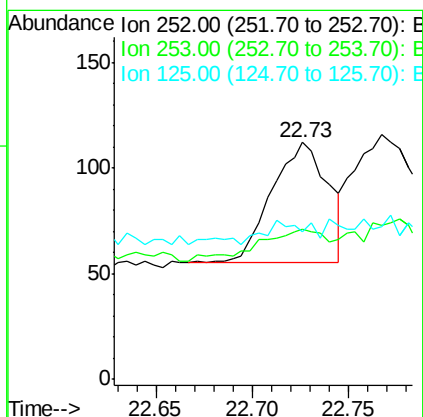
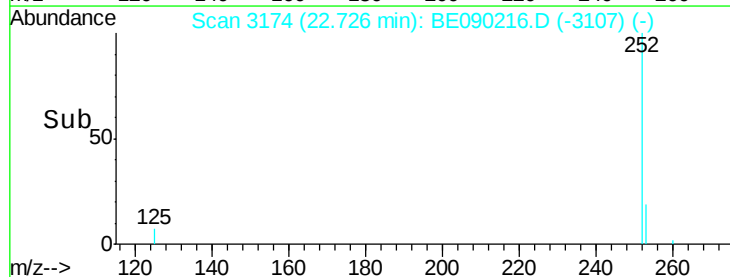
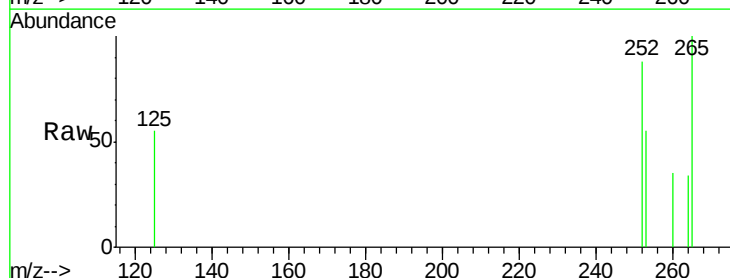
Tgt Ion:252 Resp: 116

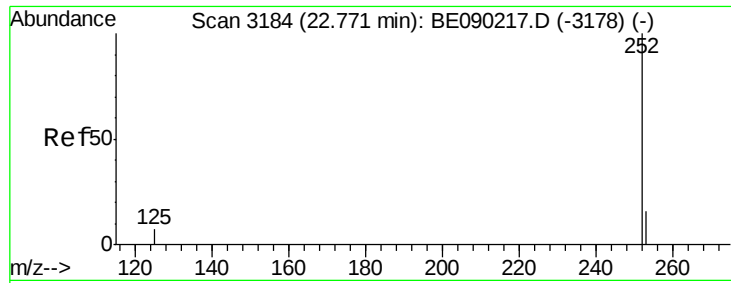
Ion Ratio Lower Upper

252 100

253 63.4 0.0 56.8#

125 62.5 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: BE090216.D

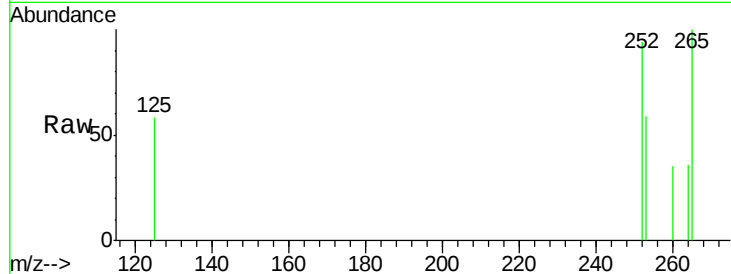
Acq: 22 Jul 2015 1:23

Instrument :

BNA_E

ClientSampleId :

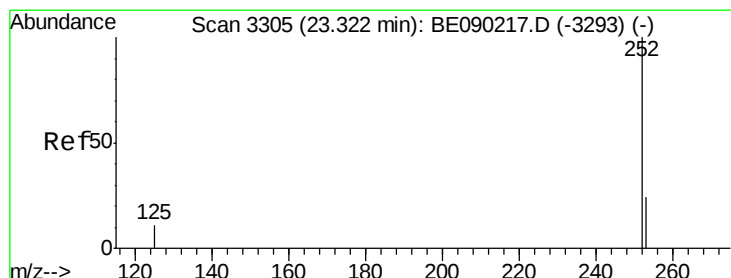
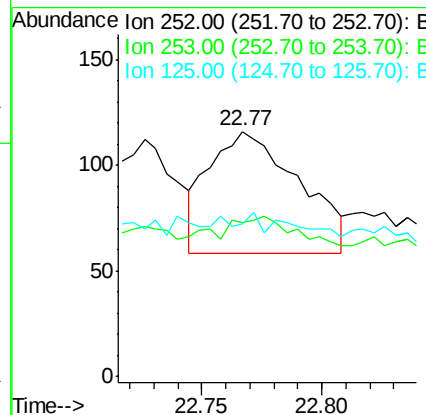
MDL-07-S



Tgt Ion	Ratio	Lower	Upper
252	100		
253	62.9	19.5	29.3#
125	62.1	11.9	17.9#

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#23

Benzo(a)pyrene

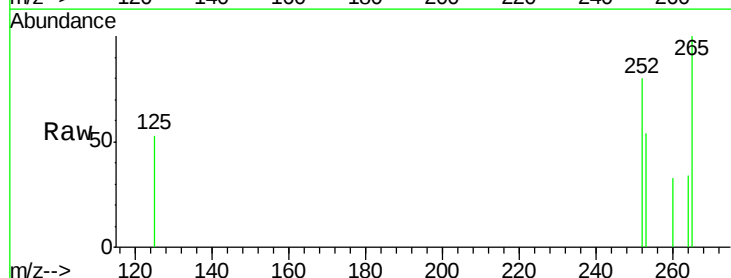
Concen: 0.06 ng/ul

RT: 23.32 min Scan# 3305

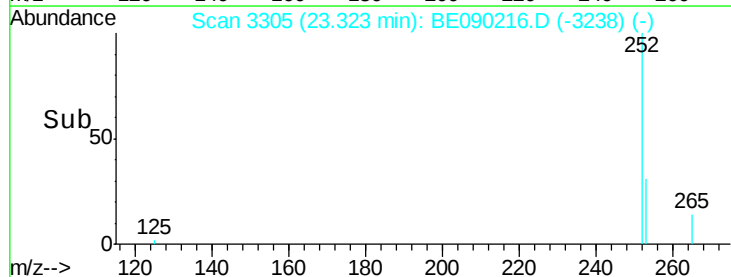
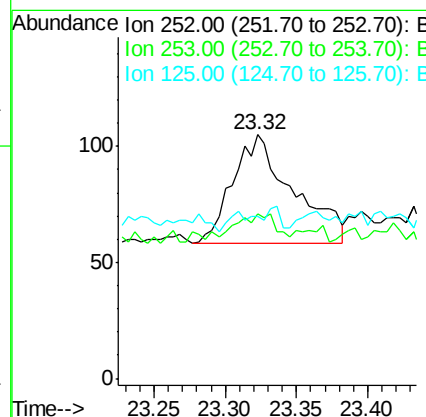
Delta R.T. 0.00 min

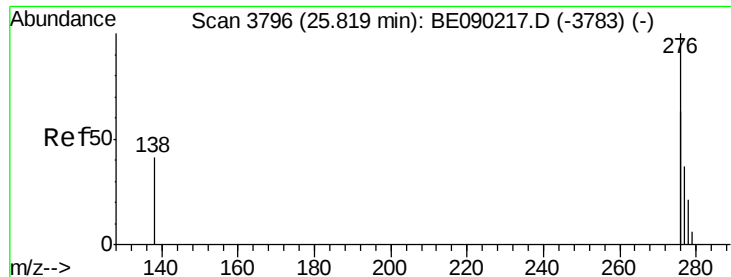
Lab File: BE090216.D

Acq: 22 Jul 2015 1:23



Tgt Ion	Ratio	Lower	Upper
252	100		
253	67.6	23.7	35.5#
125	66.7	15.4	23.2#





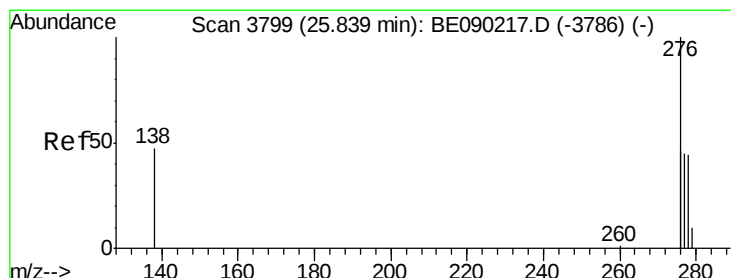
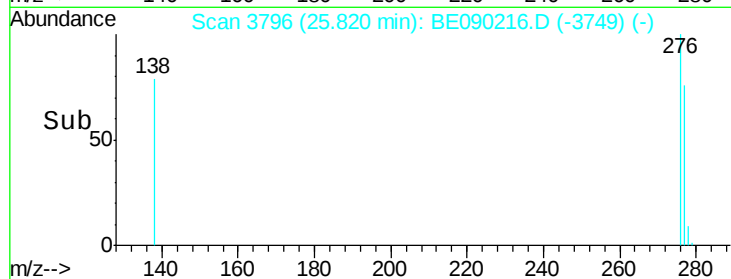
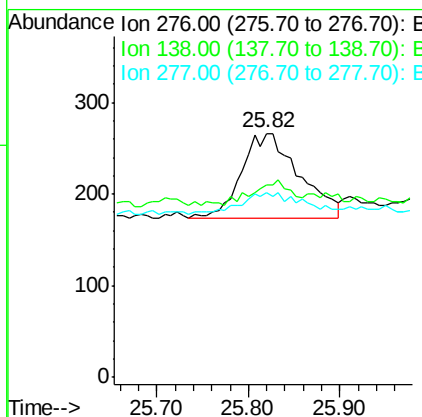
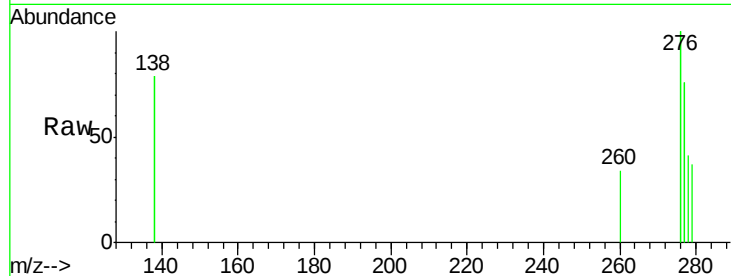
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng/ul
 RT: 25.82 min Scan# 3796
 Delta R.T. 0.01 min
 Lab File: BE090216.D
 Acq: 22 Jul 2015 1:23

Instrument :
 BNA_E
 ClientSampleId :
 MDL-07-S

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.9	25.3
277	27.9	17.0	25.4#

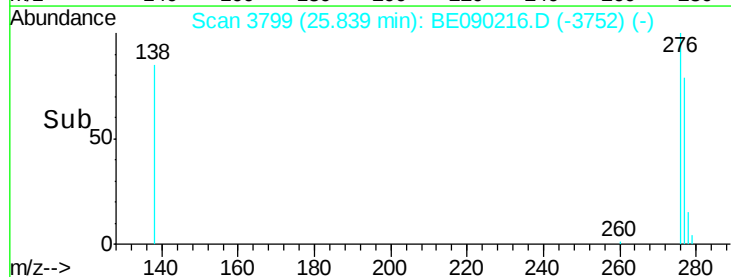
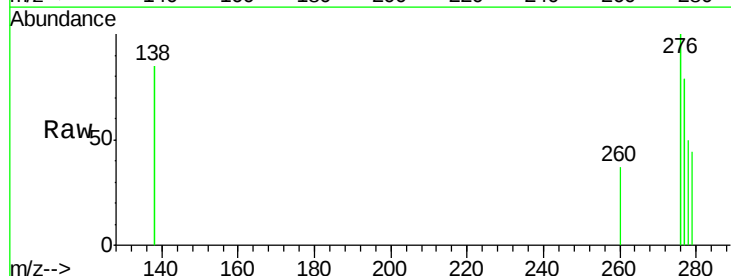
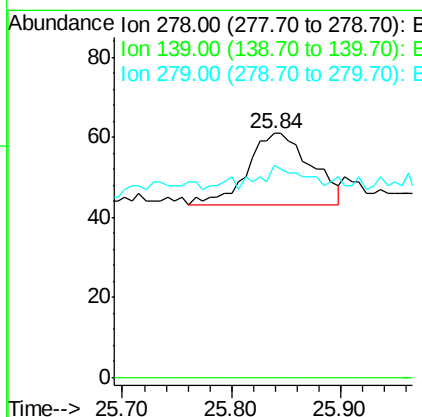
Manual Integrations
 APPROVED

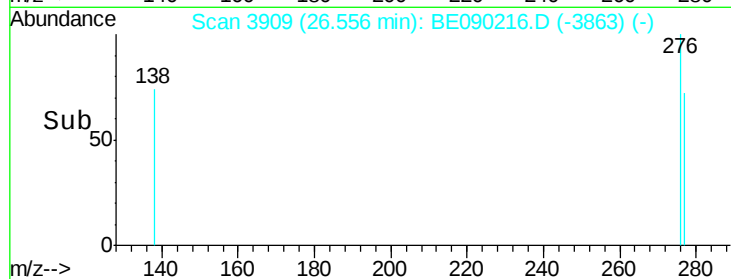
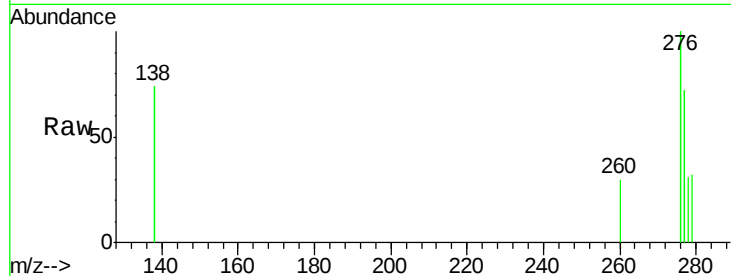
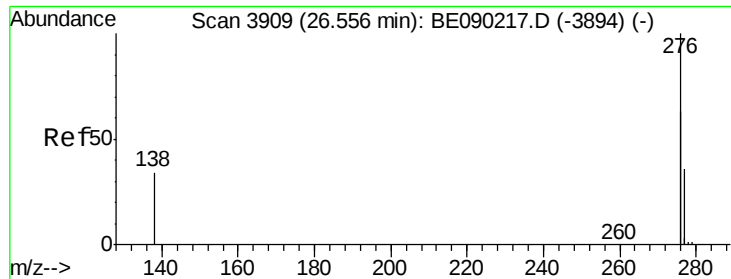
apatel
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.07 ng/ul
 RT: 25.84 min Scan# 3799
 Delta R.T. 0.01 min
 Lab File: BE090216.D
 Acq: 22 Jul 2015 1:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	86.9	30.1	45.1#





#26

Benzo(g,h,i)perylene

Concen: 0.05 ng/ul

RT: 26.56 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BE090216.D

Acq: 22 Jul 2015 1:23

Instrument :

BNA_E

ClientSampleId :

MDL-07-S

Tgt Ion: 276 Resp: 498

Ion Ratio Lower Upper

276 100

277 71.9 24.6 36.8#

138 74.0 23.5 35.3#

Manual Integrations
APPROVED

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