

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
 Data File : BE090297.D
 Acq On : 30 Jul 2015 14:37
 Operator : TP/IZ
 Sample : MDL-05-W
 Misc : MDL-SIM2.2-WATER-0.15PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-05-W

Manual Integrations
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 7/31/2015 3:07:36 PM

Quant Time: Jul 31 06:35:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 06:10:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3463	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.21	164	1991	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4444	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	2601	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1960	0.37	ng/ul	0.01
14) Fluoranthene-d10	18.97	212	4862	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	1078	0.12	ng/ul#	88
5) 2-Methylnaphthalene	12.03	142	671	0.11	ng/ul	96
7) Acenaphthylene	13.92	152	4887	0.12	ng/ul#	91
8) Acenaphthene	14.27	153	3616	0.12	ng/ul	99
9) Fluorene	15.26	166	955	0.12	ng/ul#	97
11) Pentachlorophenol	16.61	266	71	0.25	ng/ul	97
12) Phenanthrene	16.98	178	5608	0.12	ng/ul#	89
13) Anthracene	17.07	178	5780	0.12	ng/ul#	88
15) Fluoranthene	19.00	202	7061	0.13	ng/ul	95
17) Pyrene	19.36	202	7429	0.15	ng/ul	94
18) Benzo(a)anthracene	21.10	228	461	0.12	ng/ul#	83
19) Chrysene	21.15	228	1853m	0.16	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	260	0.12	ng/ul#	57
22) Benzo(k)fluoranthene	22.77	252	842m	0.12	ng/ul	
23) Benzo(a)pyrene	23.33	252	406m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.81	276	692	0.07	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.85	278	137m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.56	276	1234	0.09	ng/ul#	55

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

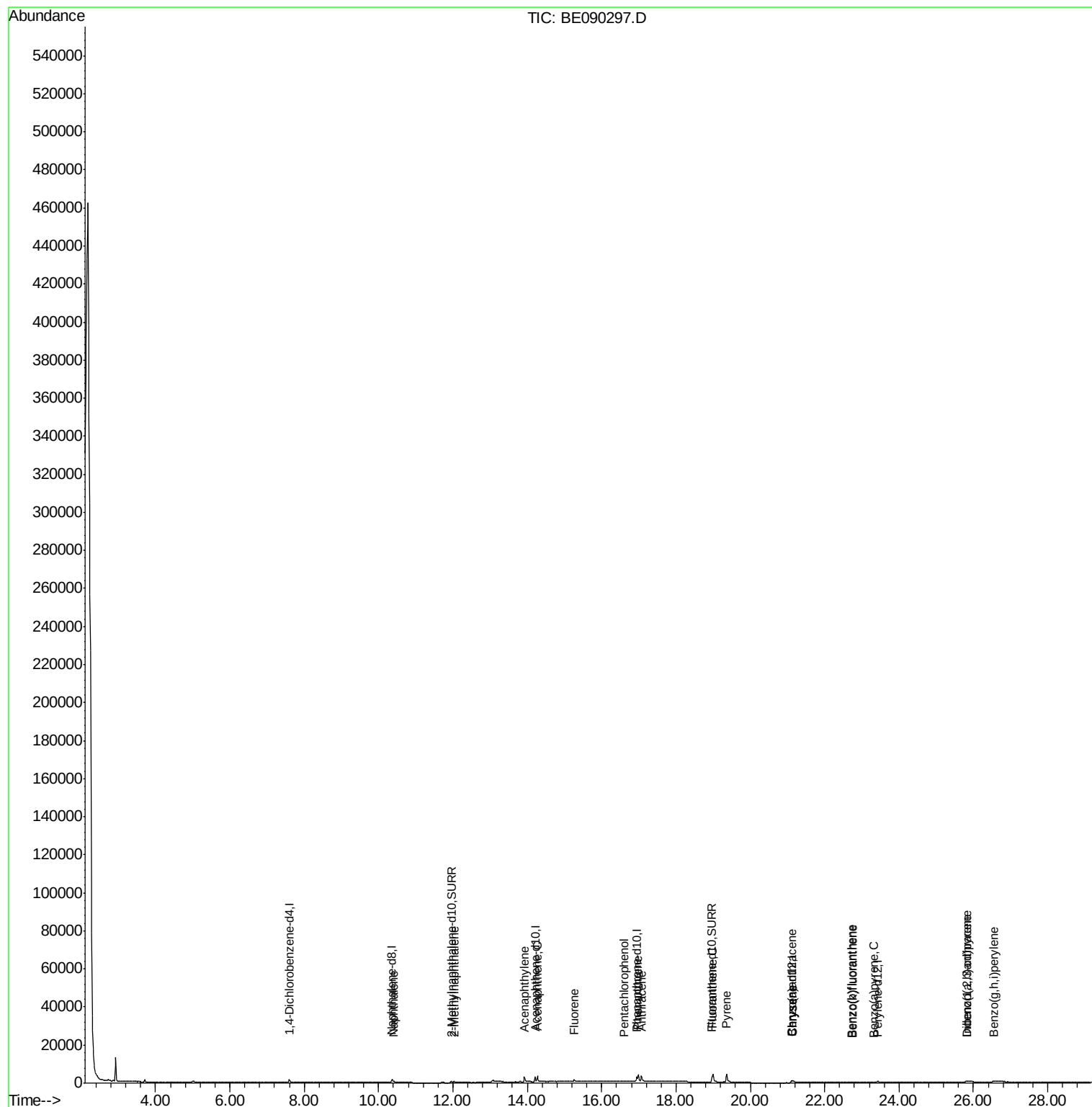
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
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ALS Vial : 7 Sample Multiplier: 1

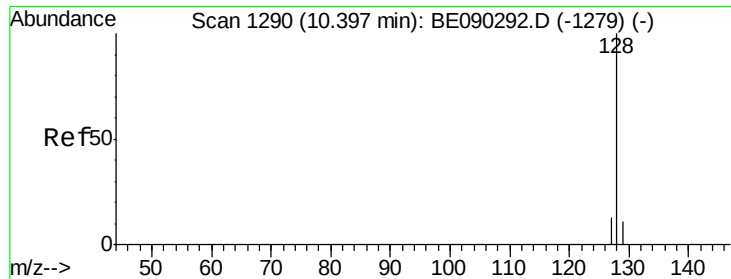
Instrument :
BNA_E
ClientSampleId :
MDL-05-W

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Quant Time: Jul 31 06:35:56 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 06:10:41 2015
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#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.41 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BE090297.D

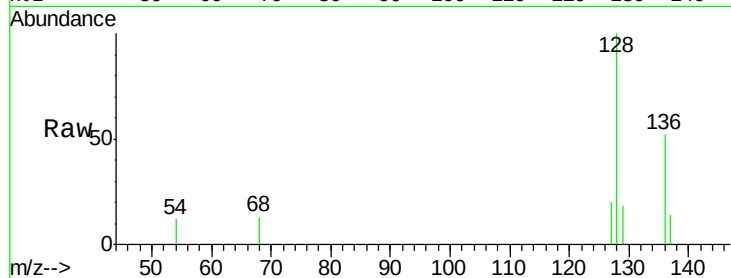
Acq: 30 Jul 2015 14:37

Instrument :

BNA_E

ClientSampleId :

MDL-05-W



Tgt Ion:128 Resp: 1078

Ion Ratio Lower Upper

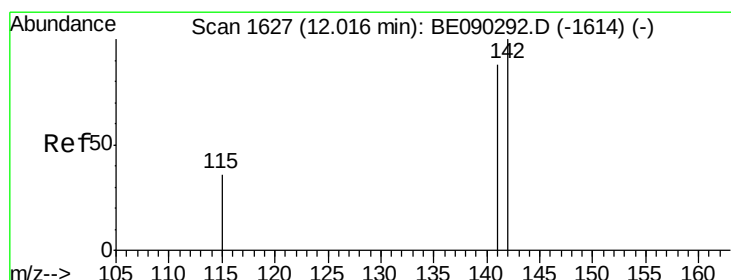
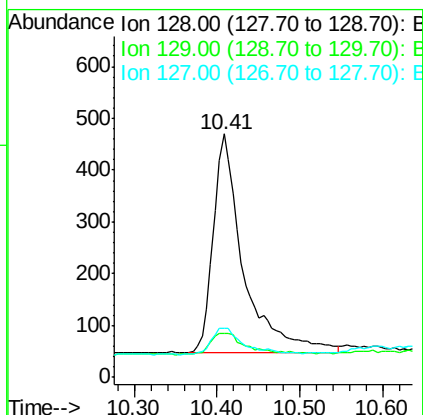
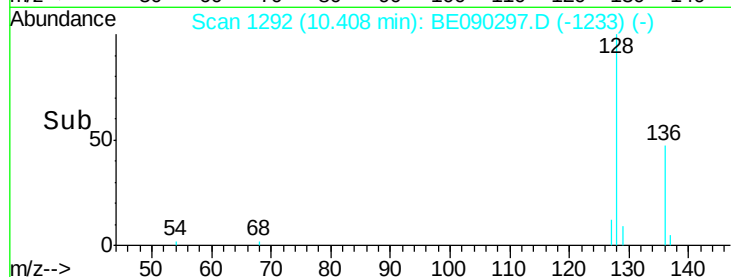
128 100

129 17.9 10.4 15.6#

127 20.2 12.1 18.1#

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#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

RT: 12.03 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BE090297.D

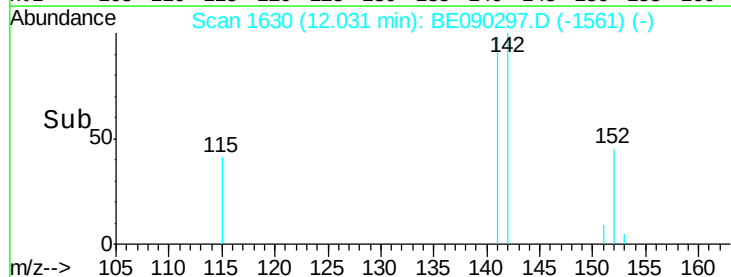
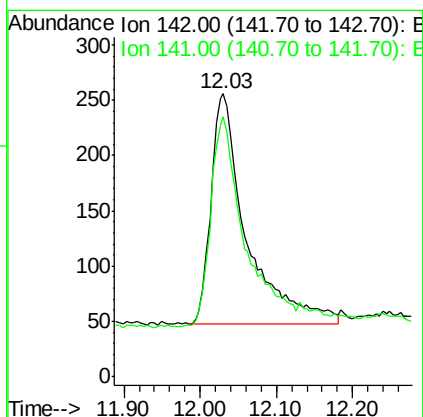
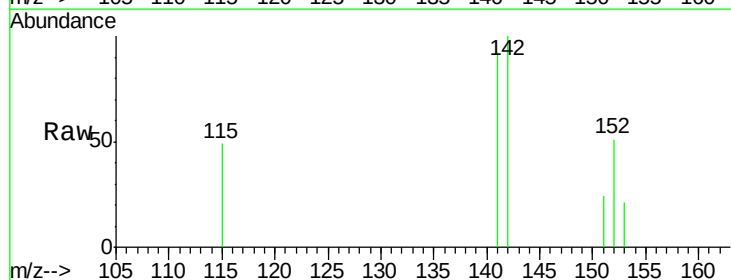
Acq: 30 Jul 2015 14:37

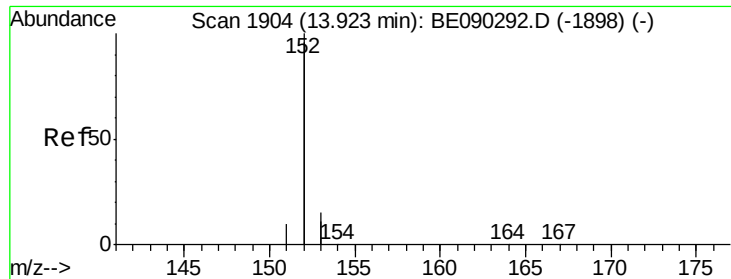
Tgt Ion:142 Resp: 671

Ion Ratio Lower Upper

142 100

141 87.6 73.0 109.4





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 13.92 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BE090297.D

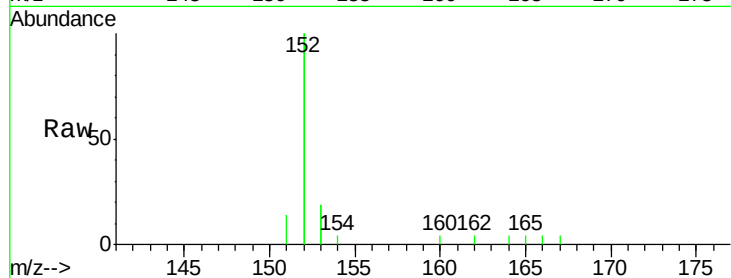
Acq: 30 Jul 2015 14:37

Instrument :

BNA_E

ClientSampleId :

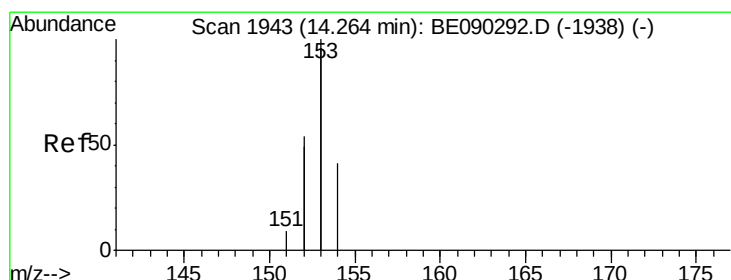
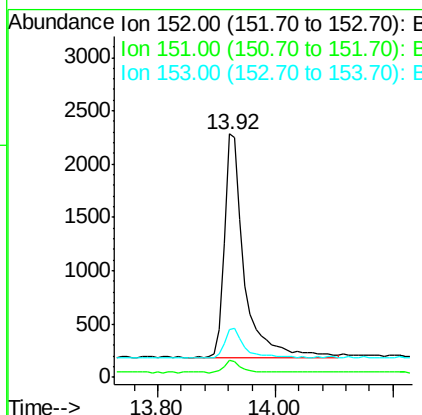
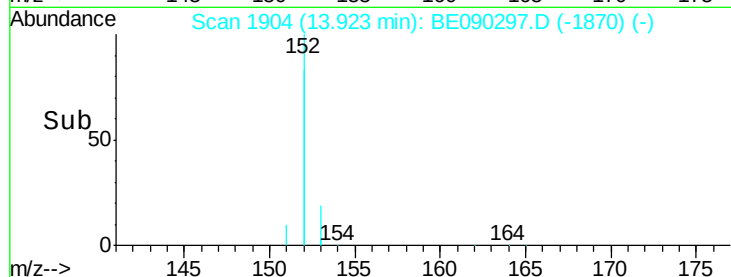
MDL-05-W



Tgt Ion:	152	Resp:	4887
Ion Ratio	Lower	Upper	
152	100		
151	7.1	4.3	6.5#
153	19.4	11.9	17.9#

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#8

Acenaphthene

Concen: 0.12 ng/ul

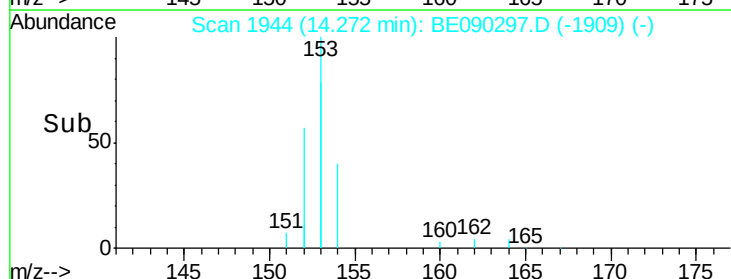
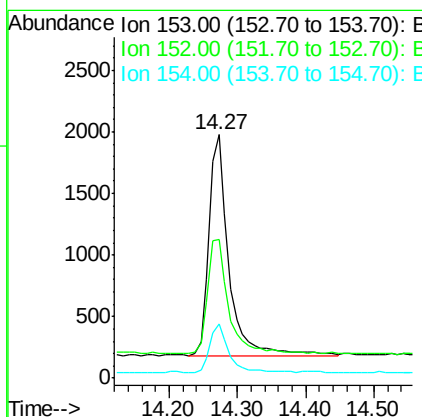
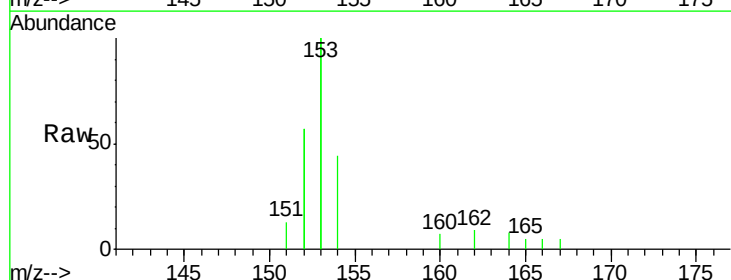
RT: 14.27 min Scan# 1944

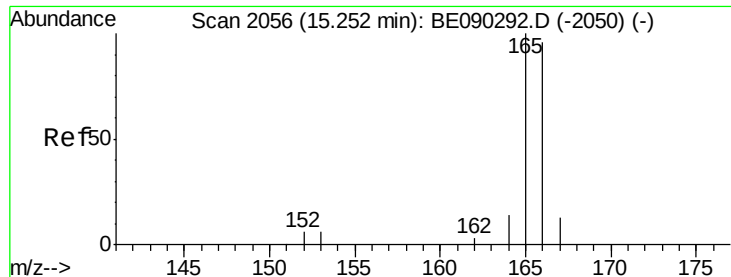
Delta R.T. 0.01 min

Lab File: BE090297.D

Acq: 30 Jul 2015 14:37

Tgt Ion:	153	Resp:	3616
Ion Ratio	Lower	Upper	
153	100		
152	56.8	45.7	68.5
154	22.2	16.4	24.6





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BE090297.D

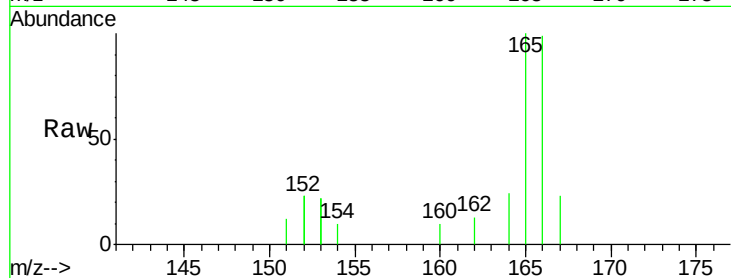
Acq: 30 Jul 2015 14:37

Instrument :

BNA_E

ClientSampleId :

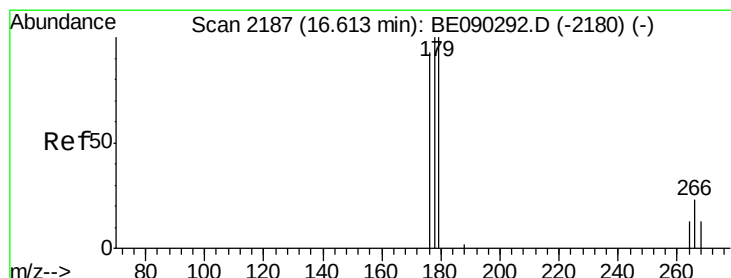
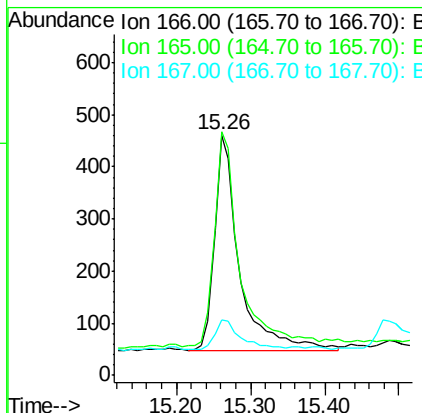
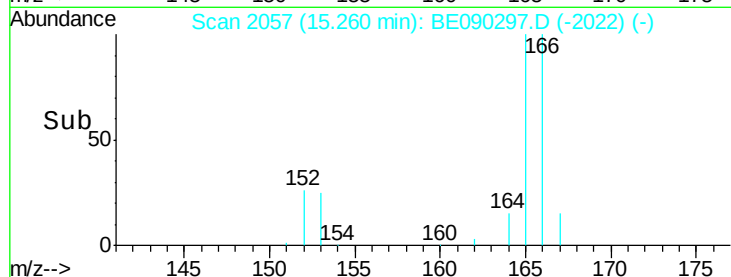
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.3	120.5
167	23.3	12.4	18.6

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#11

Pentachlorophenol

Concen: 0.25 ng/ul

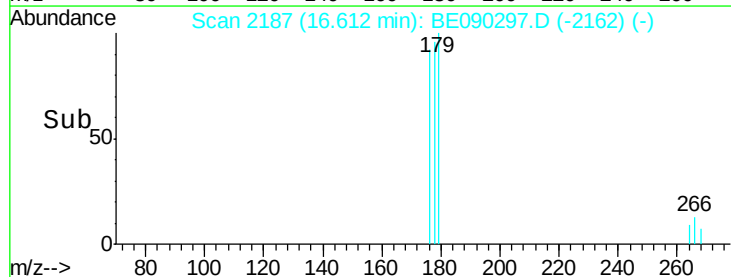
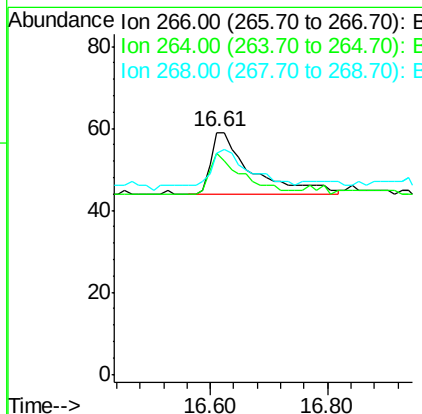
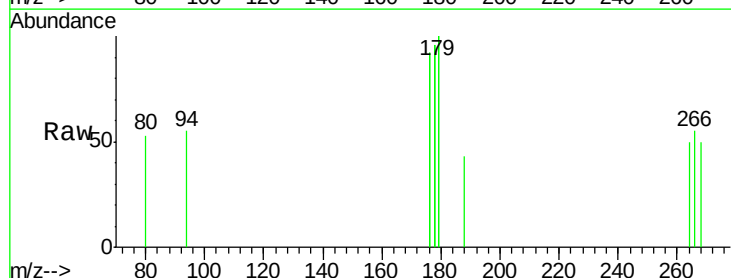
RT: 16.61 min Scan# 2187

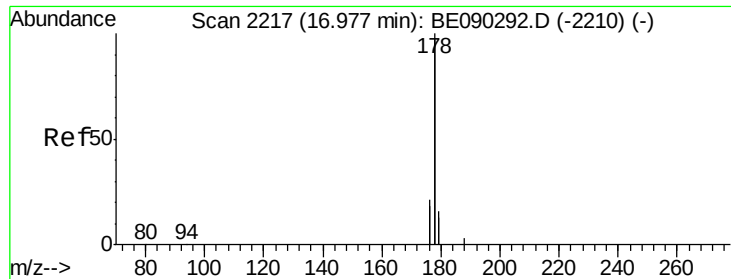
Delta R.T. -0.00 min

Lab File: BE090297.D

Acq: 30 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	53.5	43.4	65.0
268	59.2	44.6	66.8





#12

Phenanthrene

Concen: 0.12 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE090297.D

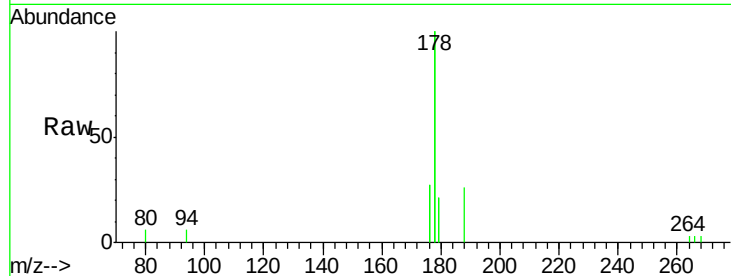
Acq: 30 Jul 2015 14:37

Instrument :

BNA_E

ClientSampleId :

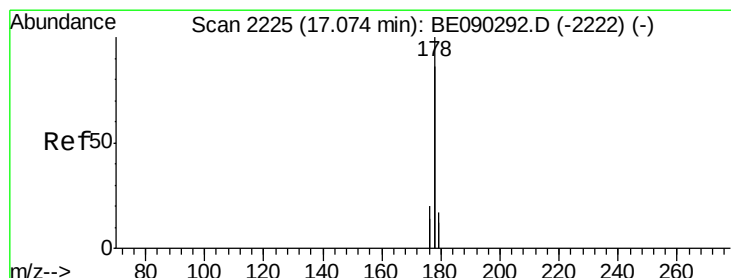
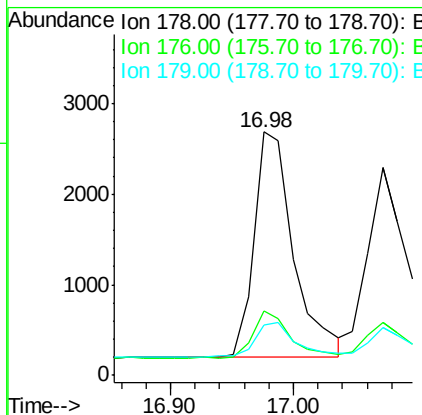
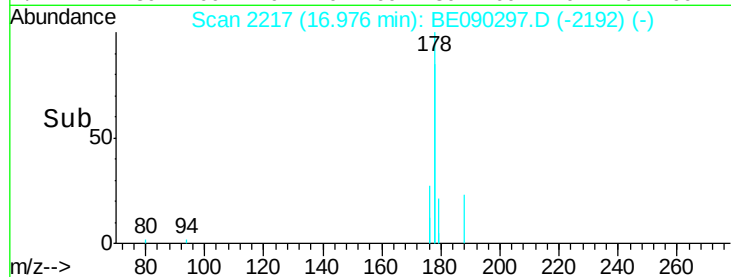
MDL-05-W



Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.6	17.3	25.9#
179	20.9	13.1	19.7#

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#13

Anthracene

Concen: 0.12 ng/ul

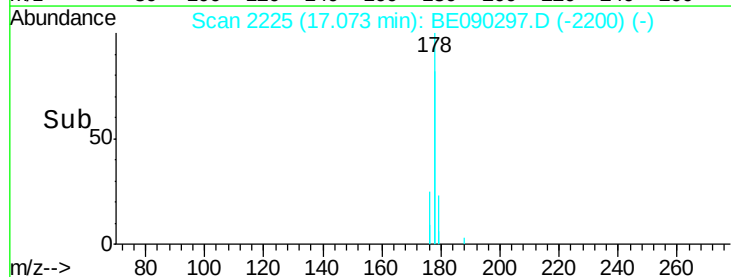
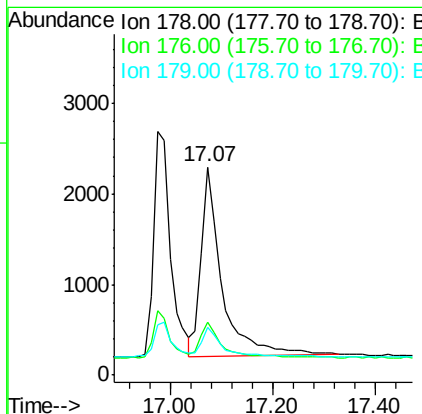
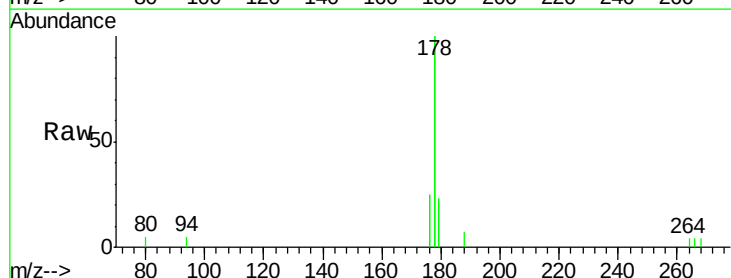
RT: 17.07 min Scan# 2225

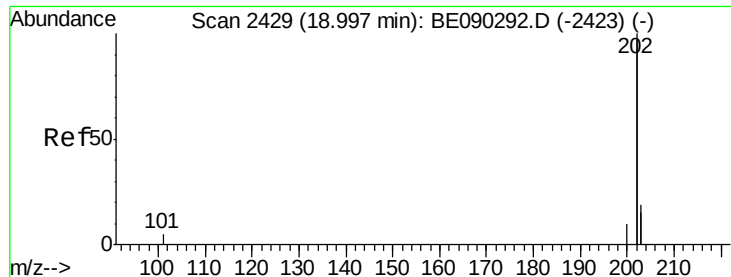
Delta R.T. -0.00 min

Lab File: BE090297.D

Acq: 30 Jul 2015 14:37

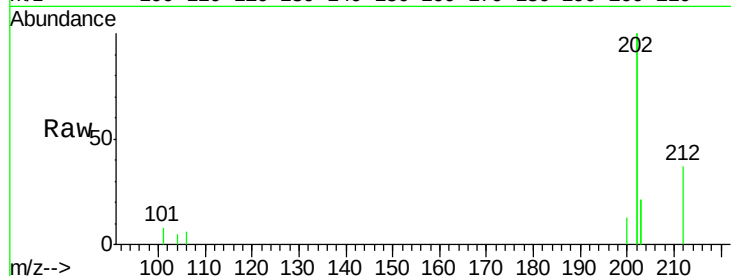
Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.5	16.4	24.6#
179	23.1	13.9	20.9#





#15
Fluoranthene
 Concen: 0.13 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE090297.D
 Acq: 30 Jul 2015 14:37

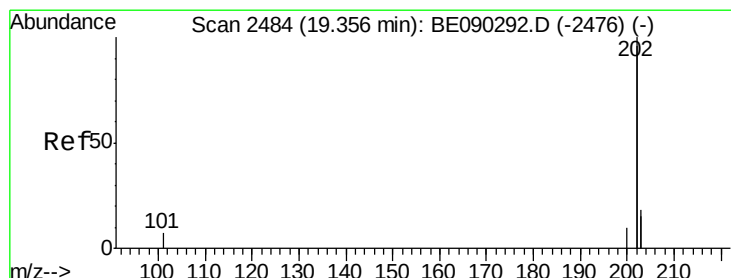
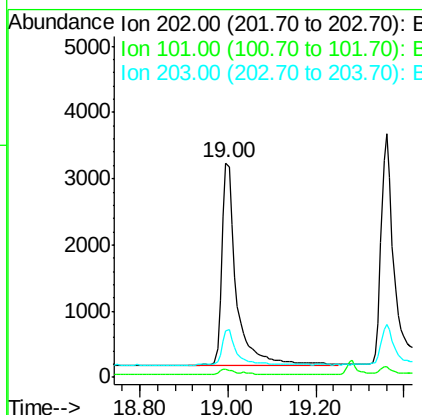
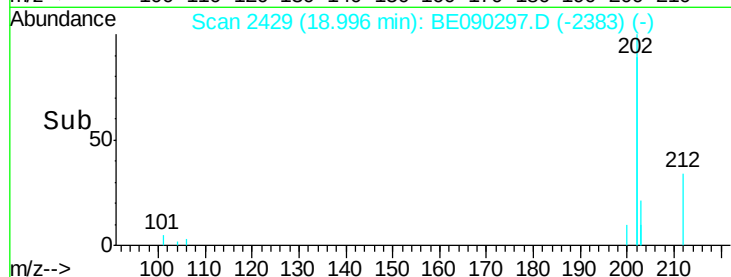
Instrument :
 BNA_E
 ClientSampleId :
 MDL-05-W



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7061		
101	4.1		0.0	22.9
203	21.5		0.0	39.0

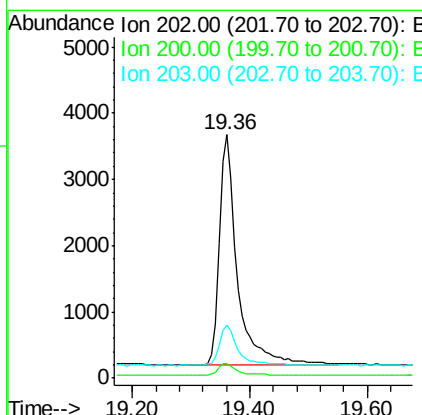
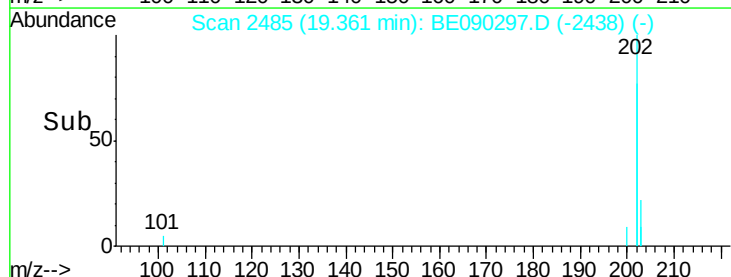
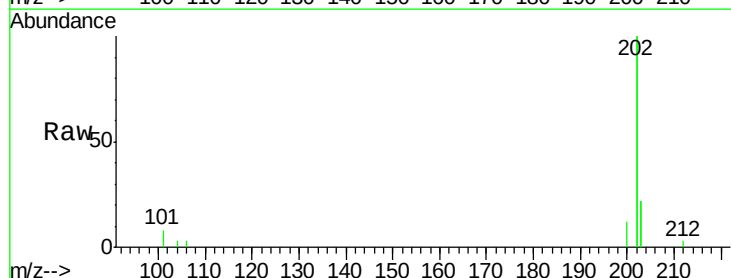
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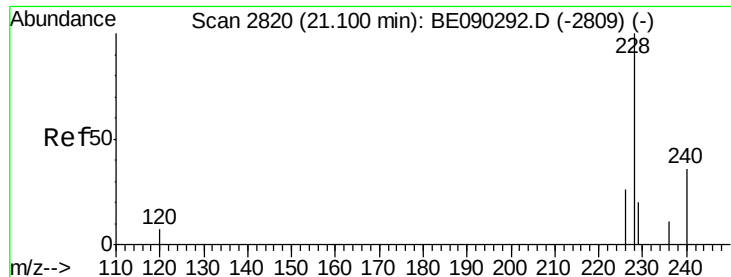
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#17
Pyrene
 Concen: 0.15 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.01 min
 Lab File: BE090297.D
 Acq: 30 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7429		
200	6.0		4.5	6.7
203	21.6		14.4	21.6





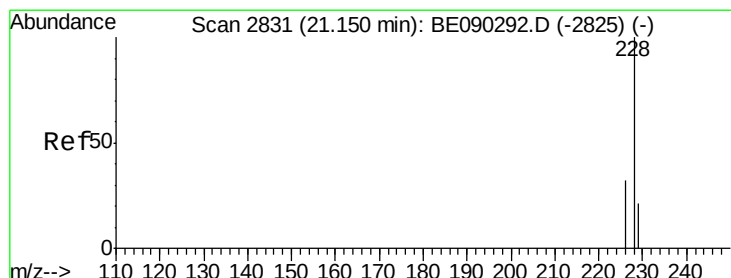
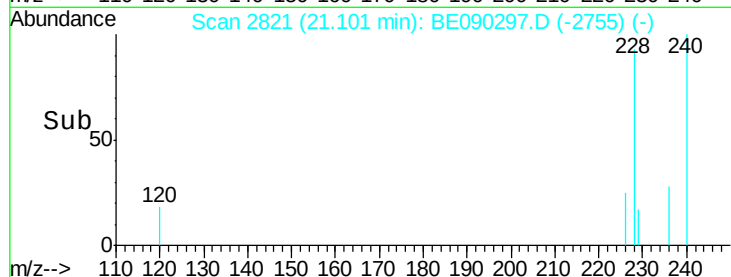
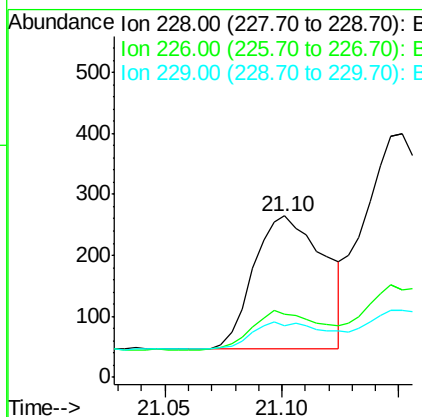
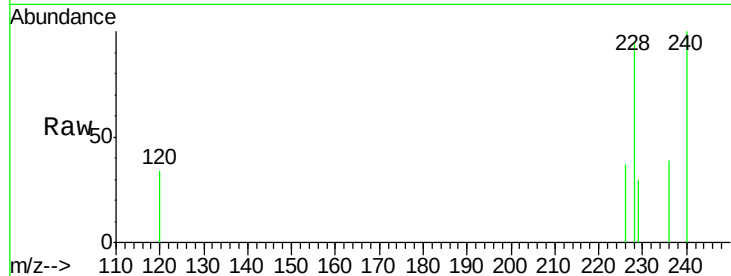
#18
Benzo(a)anthracene
Concen: 0.12 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090297.D
Acq: 30 Jul 2015 14:37

Instrument :
BNA_E
ClientSampled :
MDL-05-W

Tgt Ion: 228 Resp: 461
Ion Ratio Lower Upper
228 100
226 39.2 24.6 36.8#
229 31.7 17.9 26.9#

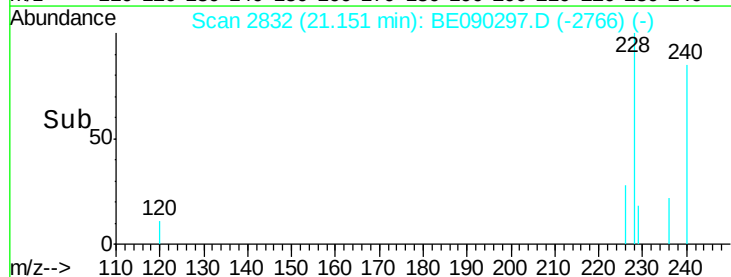
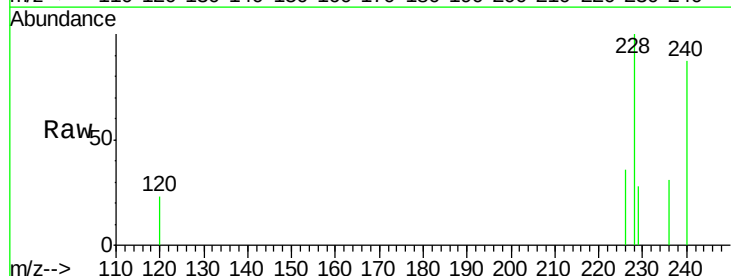
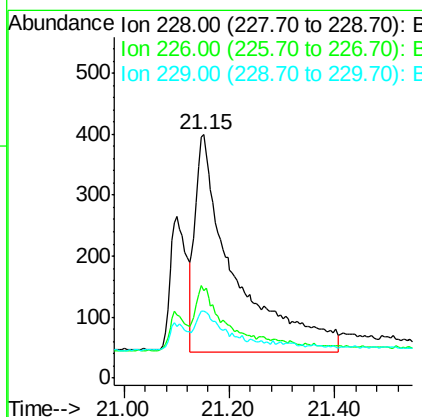
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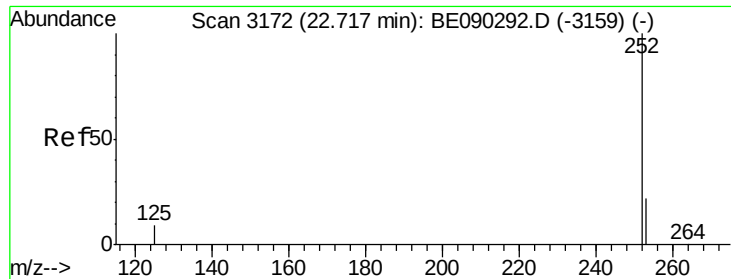
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#19
Chrysene
Concen: 0.16 ng/ul m
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090297.D
Acq: 30 Jul 2015 14:37

Tgt Ion: 228 Resp: 1853
Ion Ratio Lower Upper
228 100
226 36.1 25.0 37.4
229 27.6 16.6 24.8#





#21

Benzo(b)fluoranthene

Concen: 0.12 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BE090297.D

Acq: 30 Jul 2015 14:37

Instrument :

BNA_E

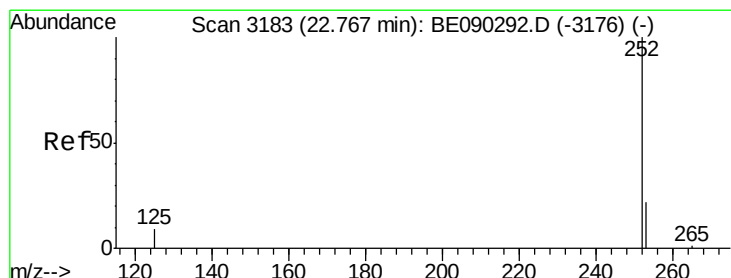
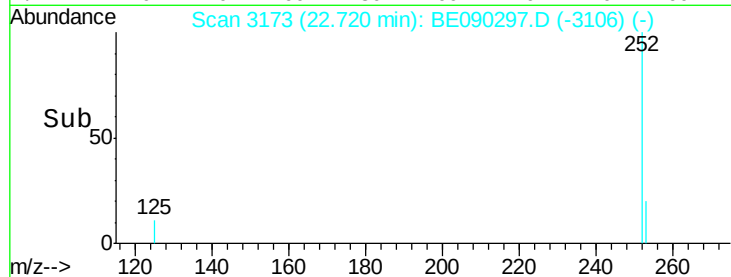
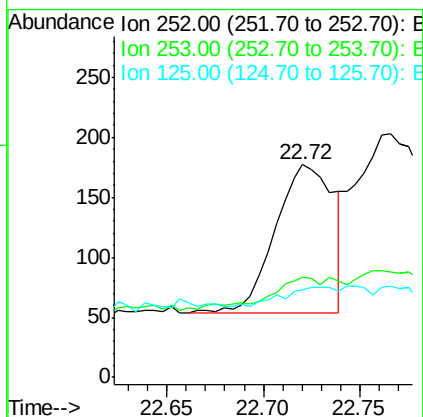
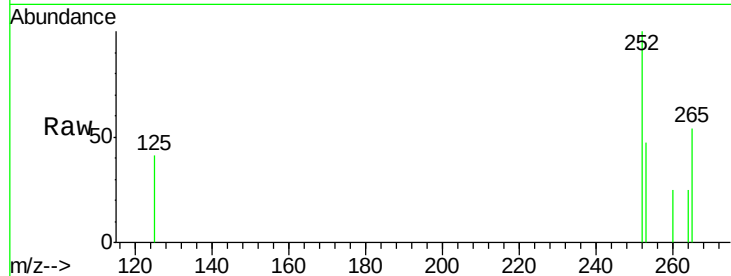
ClientSampled :

MDL-05-W

Tgt Ion:	252	Resp:	260
Ion Ratio	Lower	Upper	
252	100		
253	47.5	0.0	57.2
125	41.2	0.0	34.6#

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#22

Benzo(k)fluoranthene

Concen: 0.12 ng/ul m

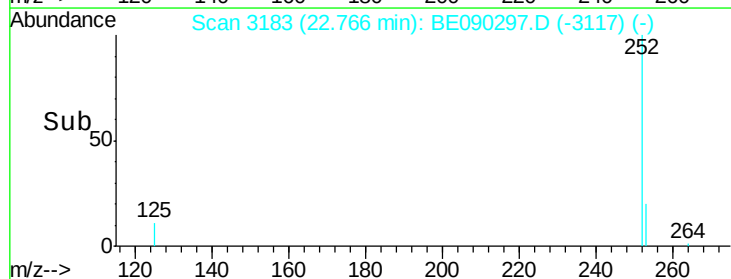
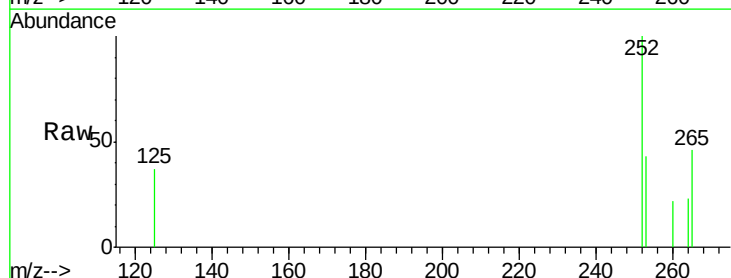
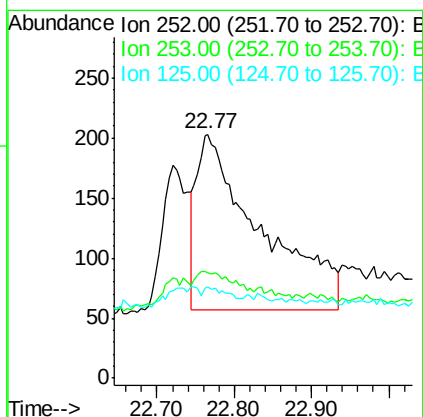
RT: 22.77 min Scan# 3183

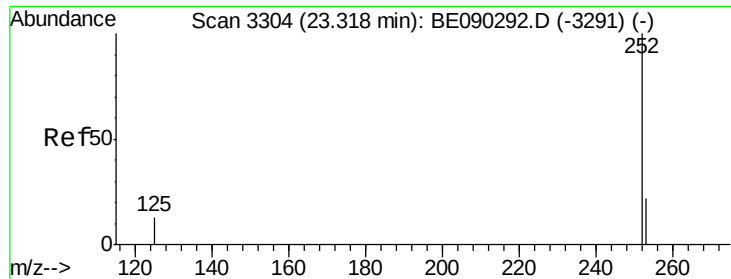
Delta R.T. -0.00 min

Lab File: BE090297.D

Acq: 30 Jul 2015 14:37

Tgt Ion:	252	Resp:	842
Ion Ratio	Lower	Upper	
252	100		
253	43.3	21.3	31.9#
125	37.4	13.3	19.9#





#23

Benzo(a)pyrene

Concen: 0.14 ng/ul m

RT: 23.33 min Scan# 3306

Delta R.T. 0.01 min

Lab File: BE090297.D

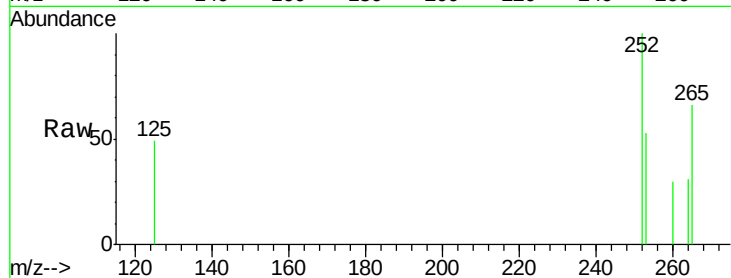
Acq: 30 Jul 2015 14:37

Instrument :

BNA_E

ClientSampleId :

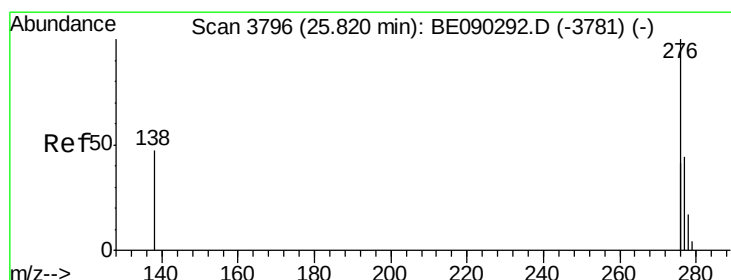
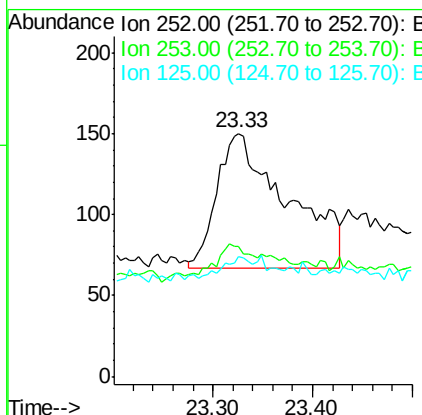
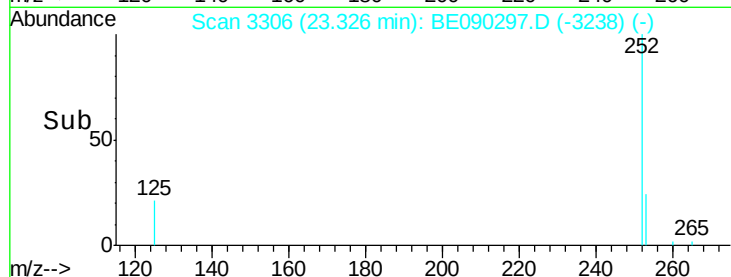
MDL-05-W



Tgt Ion:	252	Resp:	406
Ion Ratio	Lower	Upper	
252	100		
253	53.3	24.9	37.3#
125	49.3	17.5	26.3#

Manual Integrations
APPROVED

MMDadoda
7/31/2015 3:07:36 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng/ul

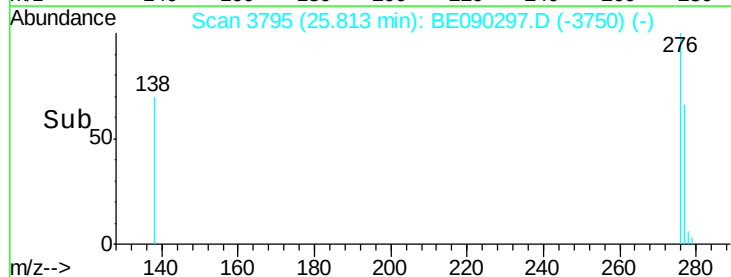
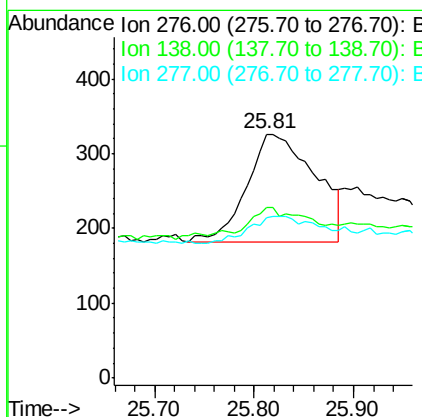
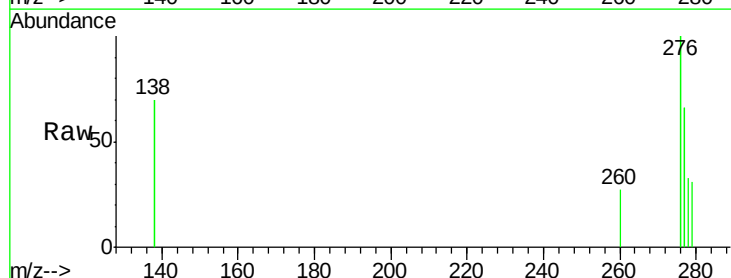
RT: 25.81 min Scan# 3795

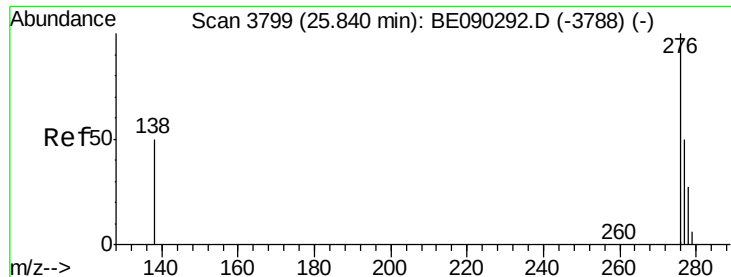
Delta R.T. -0.01 min

Lab File: BE090297.D

Acq: 30 Jul 2015 14:37

Tgt Ion:	276	Resp:	692
Ion Ratio	Lower	Upper	
276	100		
138	16.3	13.5	20.3
277	28.0	16.4	24.6#





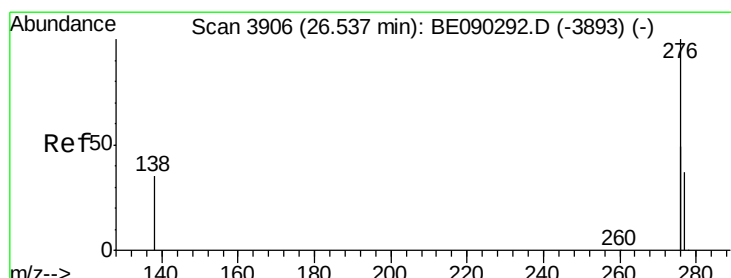
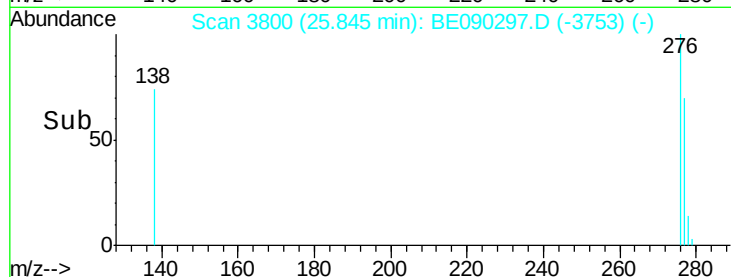
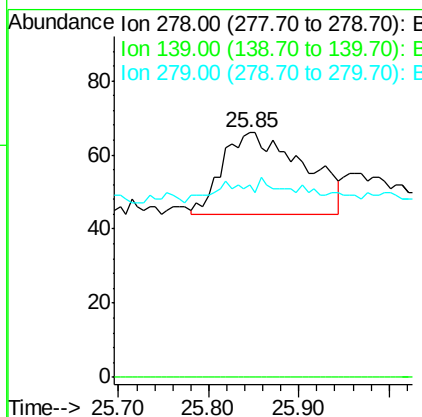
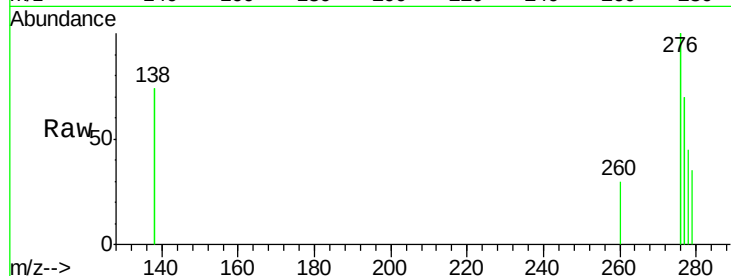
#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul m
RT: 25.85 min Scan# 3800
Delta R.T. 0.01 min
Lab File: BE090297.D
Acq: 30 Jul 2015 14:37

Instrument :
BNA_E
ClientSampleId :
MDL-05-W

Tgt Ion: 278 Resp: 137
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 78.8 37.4 56.0#

Manual Integrations
APPROVED

MMDadoda
7/31/2015 3:07:36 PM



#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BE090297.D
Acq: 30 Jul 2015 14:37

Tgt Ion: 276 Resp: 1234
Ion Ratio Lower Upper
276 100
277 55.8 25.5 38.3#
138 55.3 23.9 35.9#

