

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
 Data File : BE090293.D
 Acq On : 30 Jul 2015 12:11
 Operator : TP/IZ
 Sample : MDL-01-W
 Misc : MDL-SIM2.2-WATER-0.15PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-W

Manual Integrations
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MMDadoda
 7/31/2015 3:07:09 PM

Quant Time: Jul 31 06:22:56 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	763	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3313	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2097	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4693	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2500	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1563	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1844	0.36	ng/ul	0.02
14) Fluoranthene-d10	18.97	212	4207	0.32	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.41	128	937	0.11	ng/ul#	79
5) 2-Methylnaphthalene	12.03	142	598	0.11	ng/ul	96
7) Acenaphthylene	13.93	152	4539	0.10	ng/ul#	87
8) Acenaphthene	14.27	153	3304	0.10	ng/ul	97
9) Fluorene	15.27	166	830	0.10	ng/ul#	92
11) Pentachlorophenol	16.64	266	55	0.18	ng/ul#	83
12) Phenanthrene	16.99	178	5079	0.10	ng/ul#	91
13) Anthracene	17.07	178	5123	0.10	ng/ul#	85
15) Fluoranthene	19.00	202	5919	0.10	ng/ul	93
17) Pyrene	19.36	202	6217	0.13	ng/ul#	89
18) Benzo(a)anthracene	21.11	228	346	0.09	ng/ul#	71
19) Chrysene	21.16	228	1276m	0.12	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	199	0.09	ng/ul#	42
22) Benzo(k)fluoranthene	22.77	252	986m	0.13	ng/ul	
23) Benzo(a)pyrene	23.33	252	308m	0.10	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.83	276	675	0.07	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.85	278	104	0.09	ng/ul#	45
26) Benzo(g,h,i)perylene	26.56	276	1239	0.09	ng/ul#	46

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

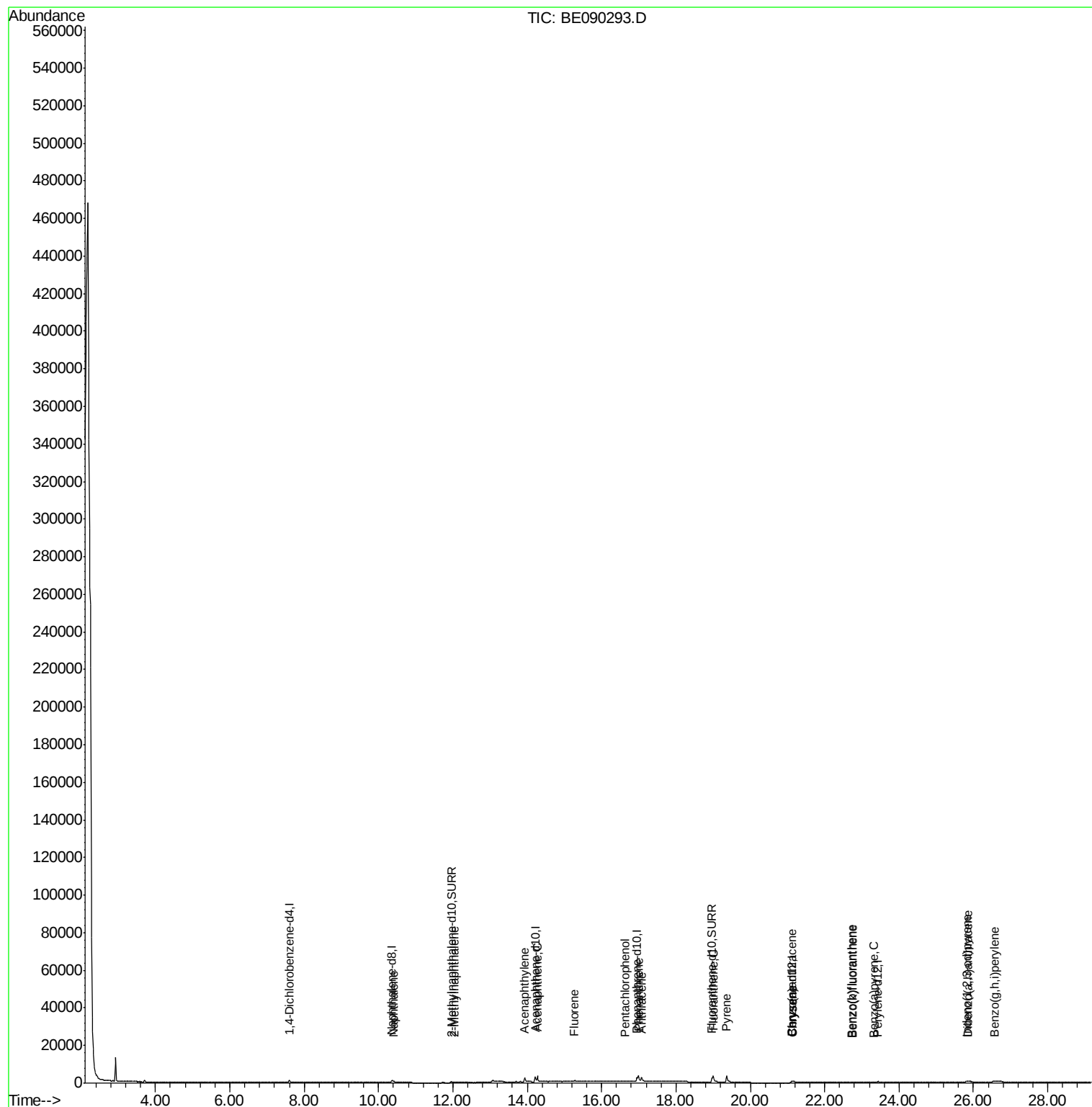
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
Data File : BE090293.D
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Sample : MDL-01-W
Misc : MDL-SIM2.2-WATER-0.15PPM
ALS Vial : 3 Sample Multiplier: 1

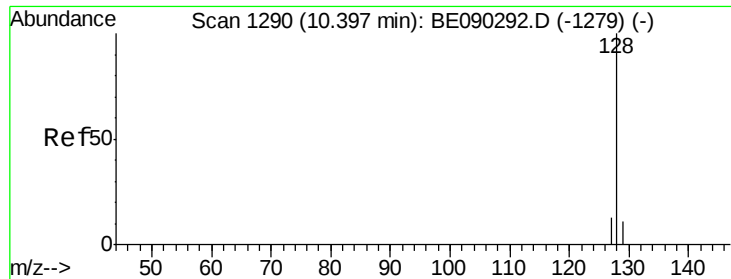
Instrument :
BNA_E
ClientSampleId :
MDL-01-W

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7/31/2015 3:07:09 PM

Quant Time: Jul 31 06:22:56 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





#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. 0.02 min

Lab File: BE090293.D

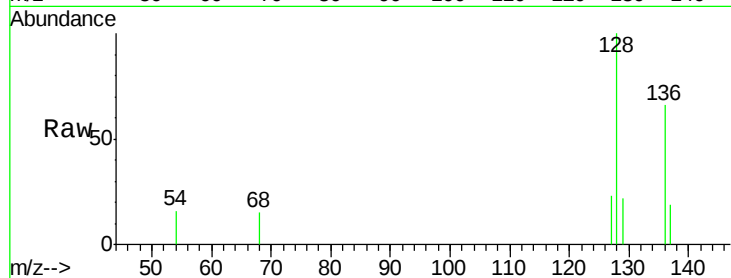
Acq: 30 Jul 2015 12:11

Instrument :

BNA_E

ClientSampleId :

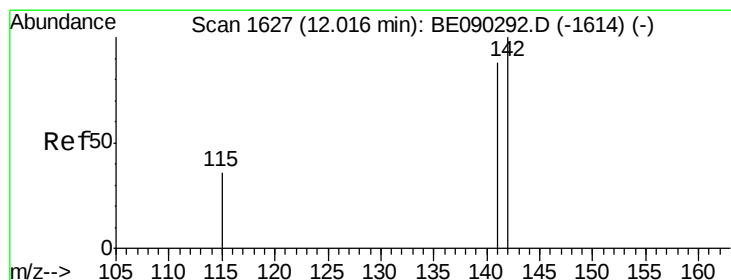
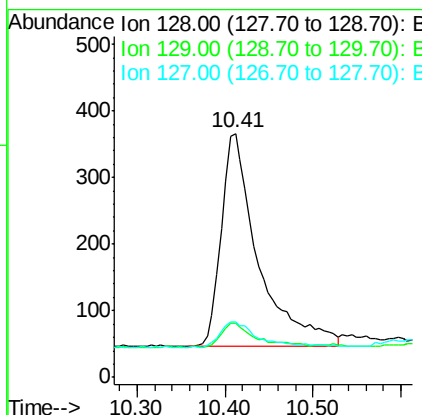
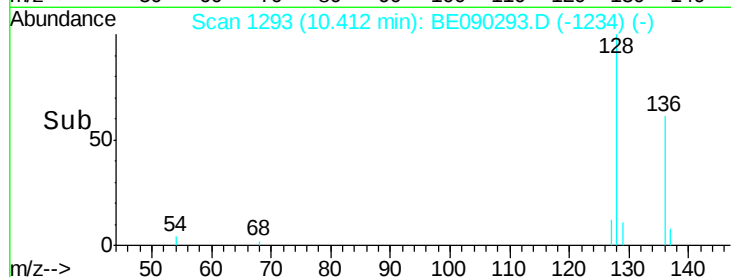
MDL-01-W



Tgt Ion:	128	Resp:	937
Ion Ratio	Lower	Upper	
128	100		
129	22.1	10.4	15.6#
127	23.0	12.1	18.1#

Manual Integrations
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#5

2-Methylnaphthalene

Concen: 0.11 ng/ul

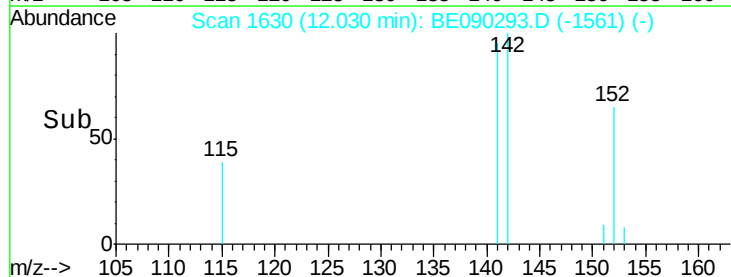
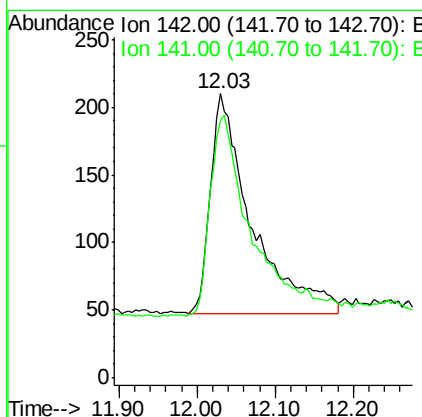
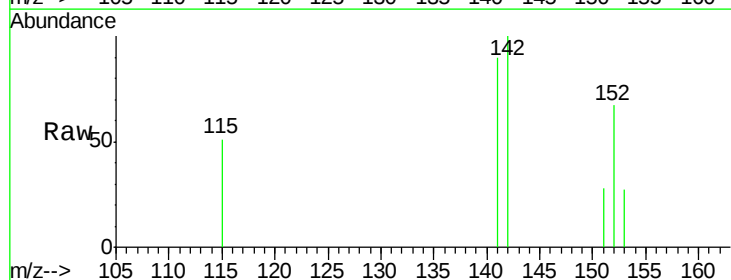
RT: 12.03 min Scan# 1630

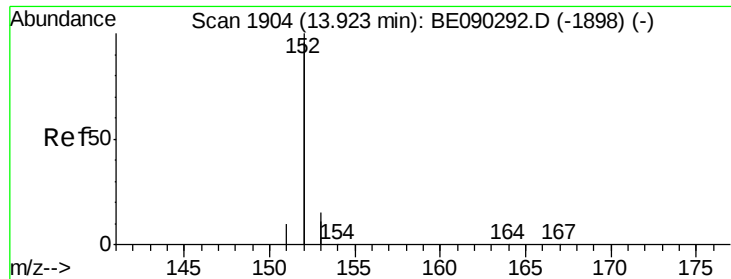
Delta R.T. 0.01 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Tgt Ion:	142	Resp:	598
Ion Ratio	Lower	Upper	
142	100		
141	87.5	73.0	109.4





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BE090293.D

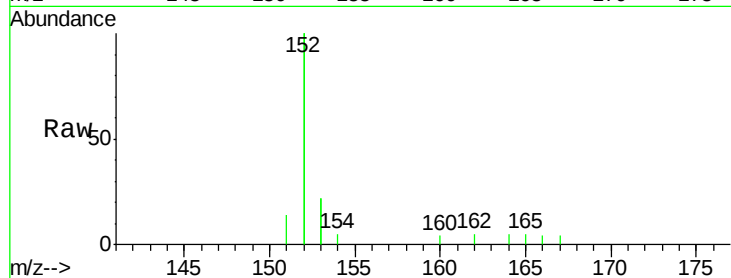
Acq: 30 Jul 2015 12:11

Instrument :

BNA_E

ClientSampled :

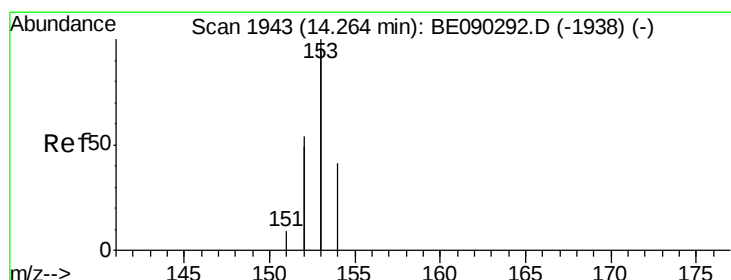
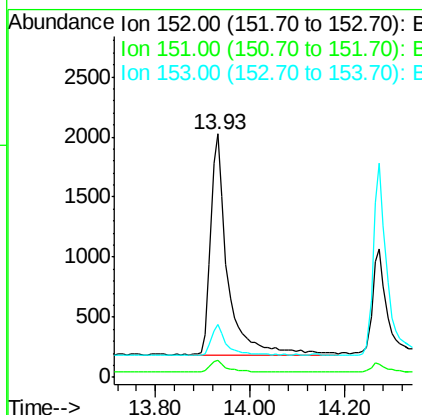
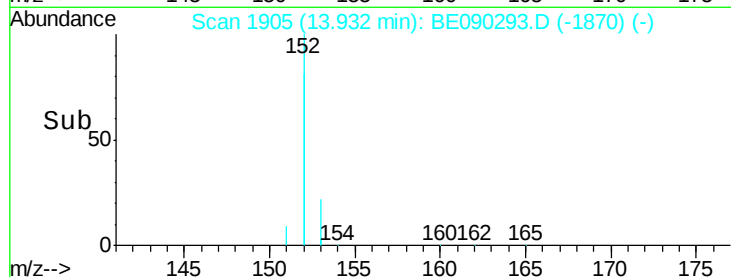
MDL-01-W



Tgt Ion:	152	Resp:	4539
Ion Ratio	Lower	Upper	
152	100		
151	6.9	4.3	6.5#
153	21.5	11.9	17.9#

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#8

Acenaphthene

Concen: 0.10 ng/ul

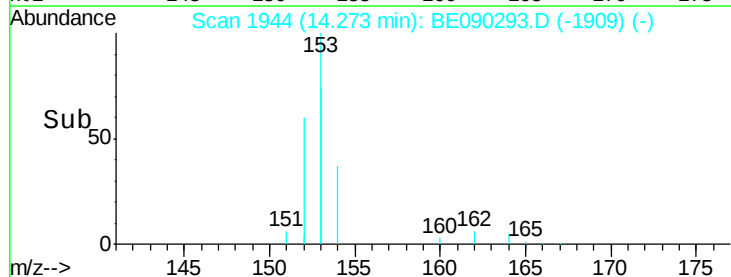
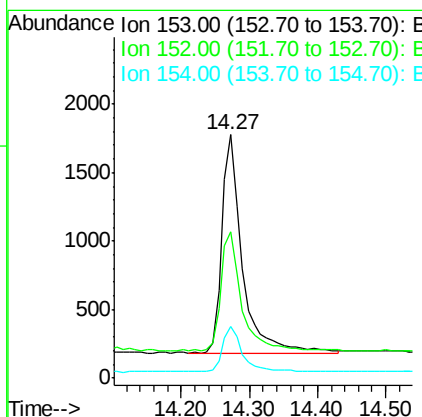
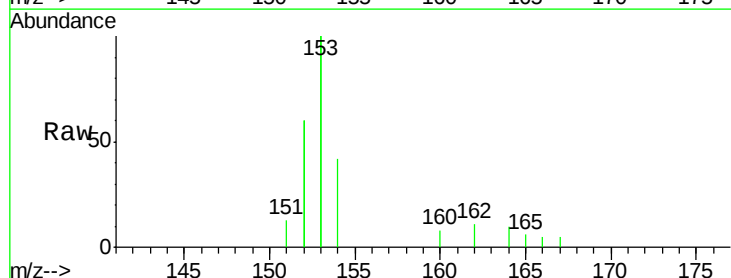
RT: 14.27 min Scan# 1944

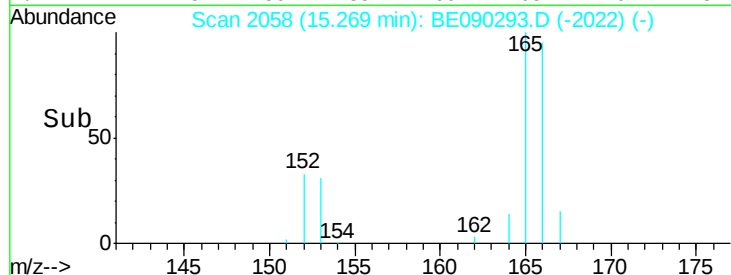
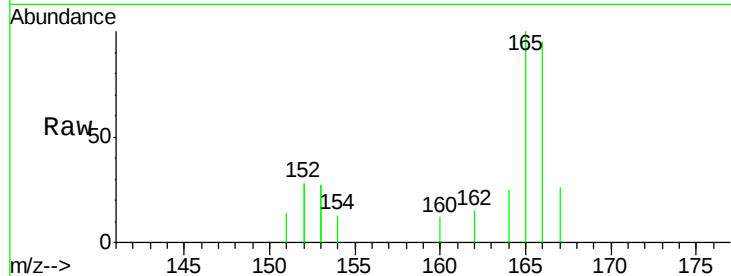
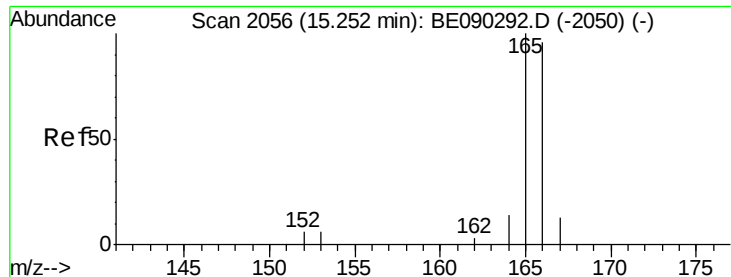
Delta R.T. 0.01 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Tgt Ion:	153	Resp:	3304
Ion Ratio	Lower	Upper	
153	100		
152	60.0	45.7	68.5
154	21.0	16.4	24.6





#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.02 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Tgt Ion:	166	Resp:	830
Ion Ratio	Lower	Upper	
166	100		
165	105.3	80.3	120.5
167	27.2	12.4	18.6#

Instrument :

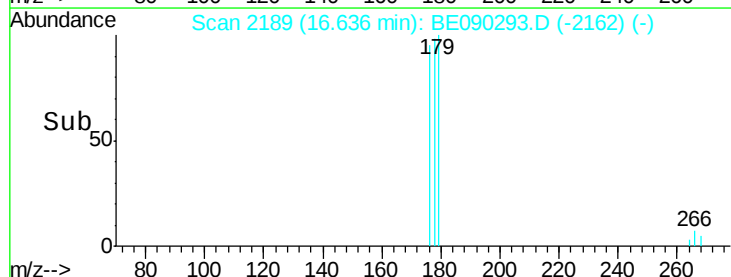
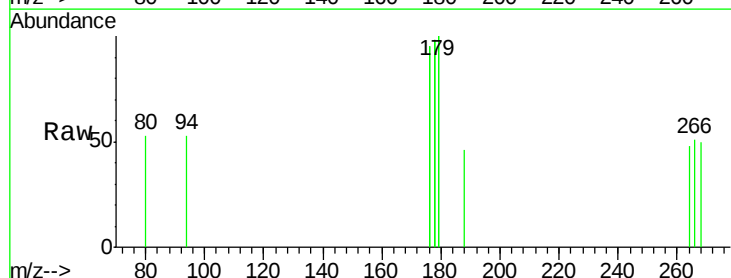
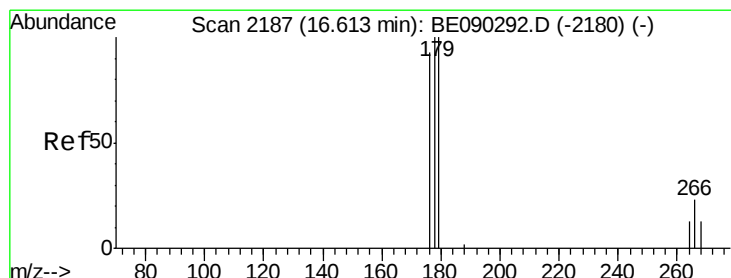
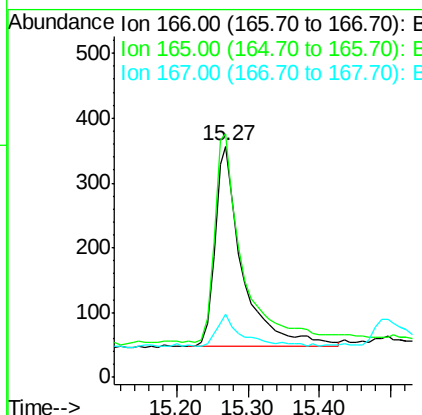
BNA_E

ClientSampleId :

MDL-01-W

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#11

Pentachlorophenol

Concen: 0.18 ng/ul

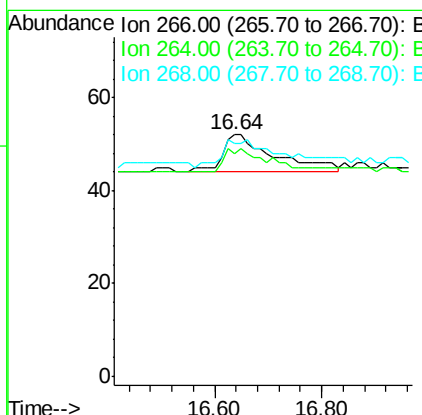
RT: 16.64 min Scan# 2189

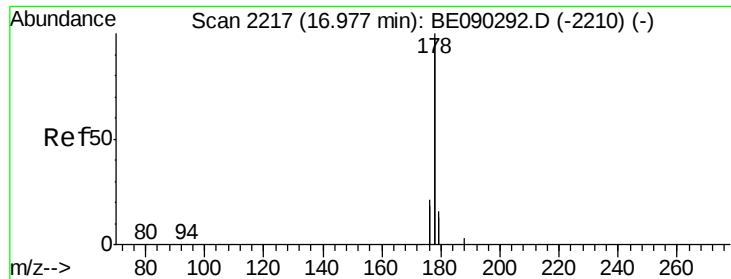
Delta R.T. 0.02 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Tgt Ion:	266	Resp:	55
Ion Ratio	Lower	Upper	
266	100		
264	49.1	43.4	65.0
268	74.5	44.6	66.8#





#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Instrument :

BNA_E

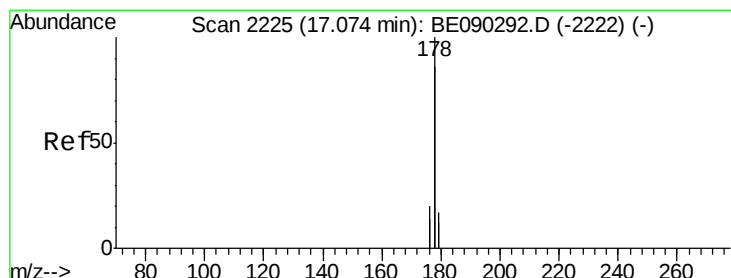
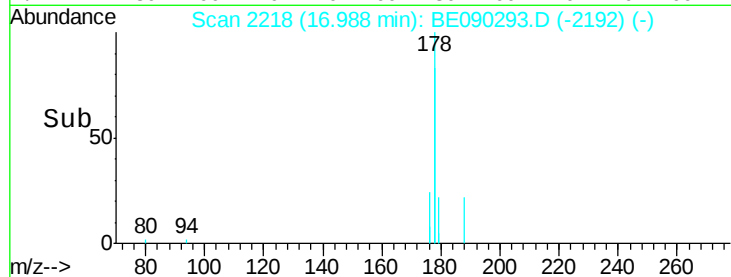
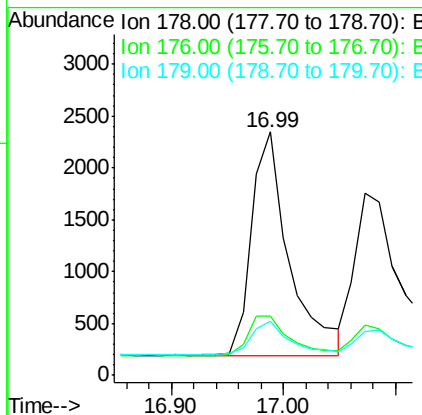
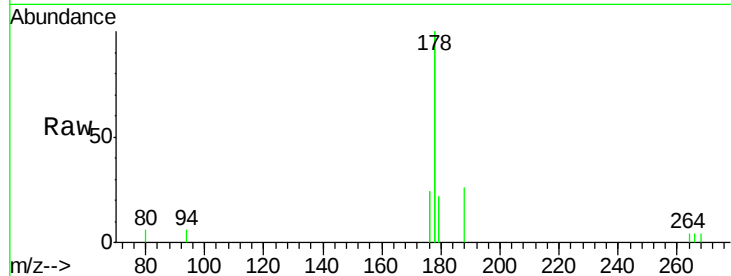
ClientSampleId :

MDL-01-W

Tgt Ion:	178	Resp:	5079
Ion Ratio	Lower	Upper	
178	100		
176	24.4	17.3	25.9
179	22.5	13.1	19.7#

Manual Integrations
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#13

Anthracene

Concen: 0.10 ng/ul

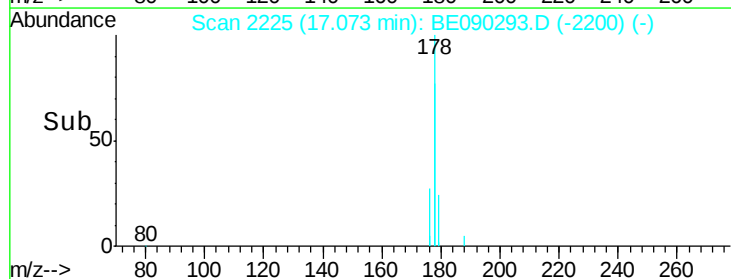
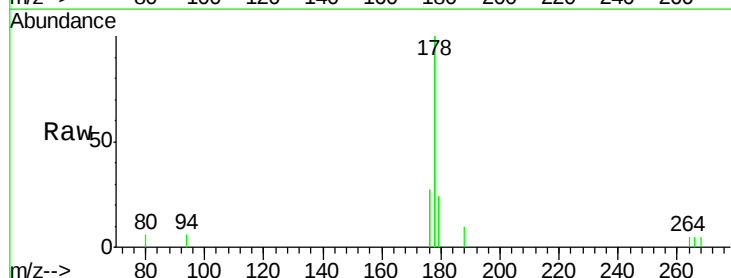
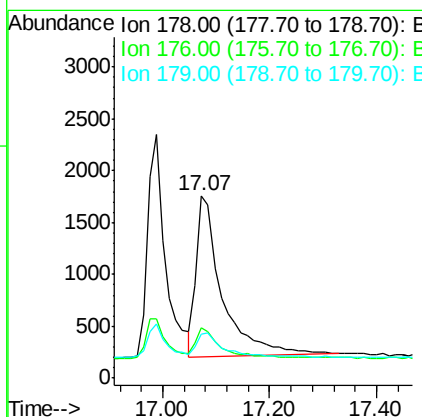
RT: 17.07 min Scan# 2225

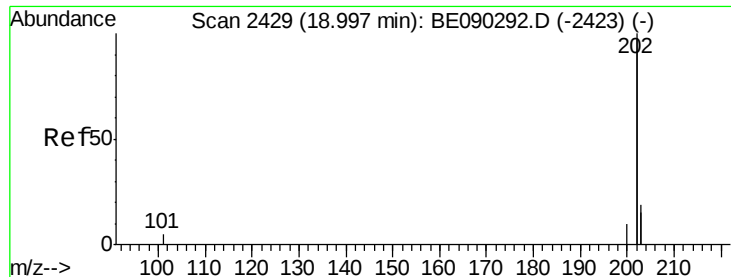
Delta R.T. -0.00 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Tgt Ion:	178	Resp:	5123
Ion Ratio	Lower	Upper	
178	100		
176	27.4	16.4	24.6#
179	24.3	13.9	20.9#





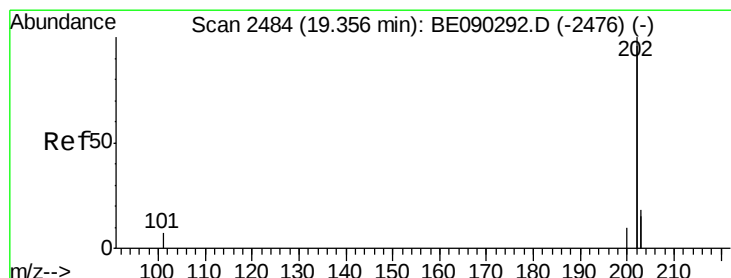
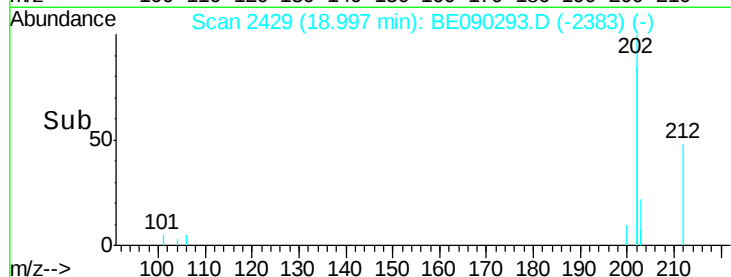
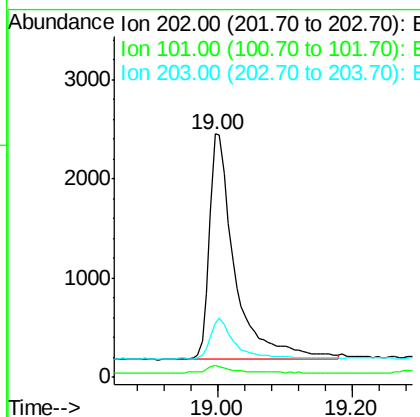
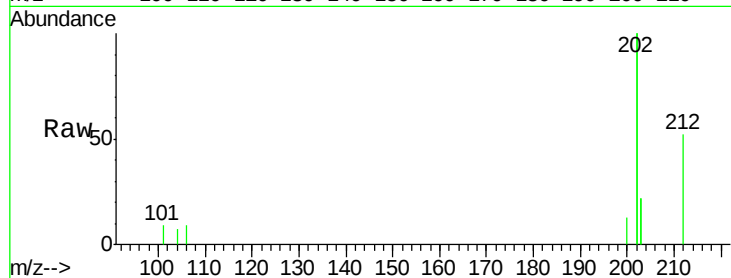
#15
 Fluoranthene
 Concen: 0.10 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE090293.D
 Acq: 30 Jul 2015 12:11

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5919		
101	4.6		0.0	22.9
203	22.2		0.0	39.0

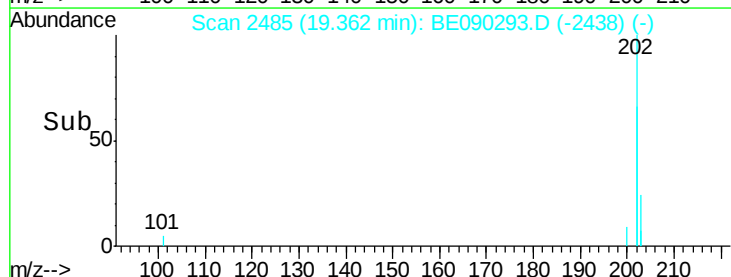
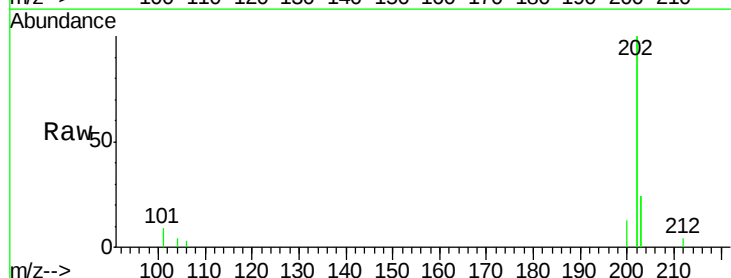
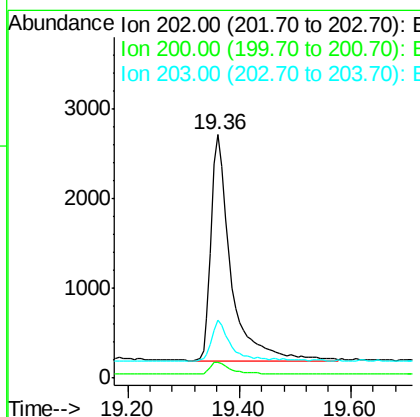
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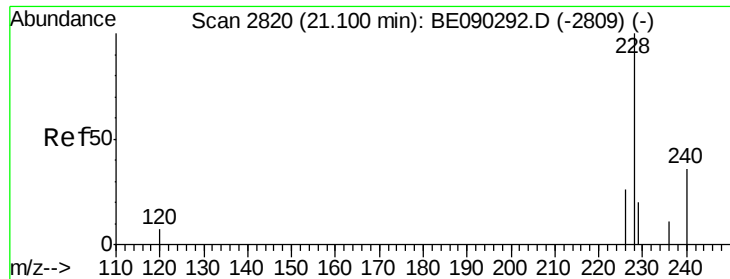
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#17
 Pyrene
 Concen: 0.13 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. 0.01 min
 Lab File: BE090293.D
 Acq: 30 Jul 2015 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6217		
200	6.6		4.5	6.7
203	23.9		14.4	21.6#





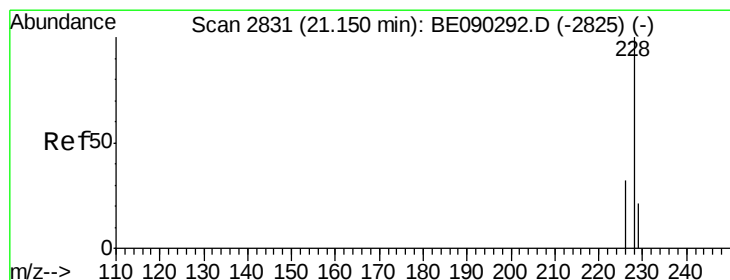
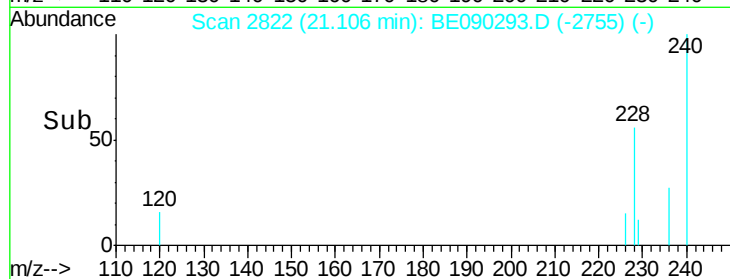
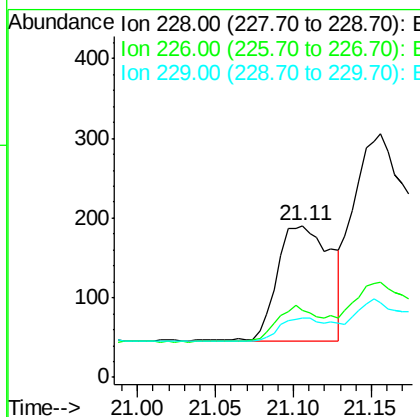
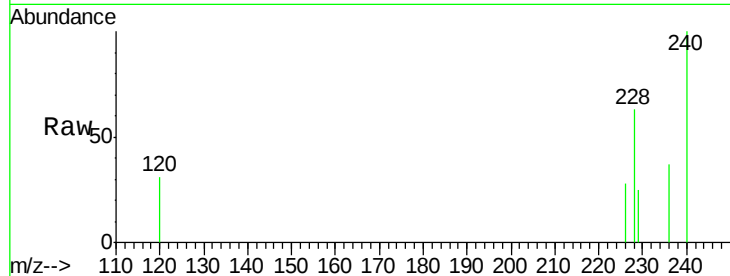
#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.11 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BE090293.D
Acq: 30 Jul 2015 12:11

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.0	24.6	36.8#
229	39.3	17.9	26.9#

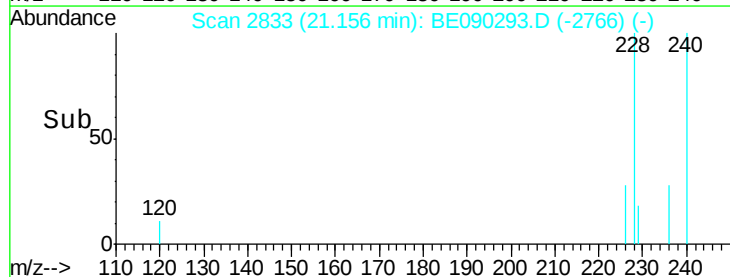
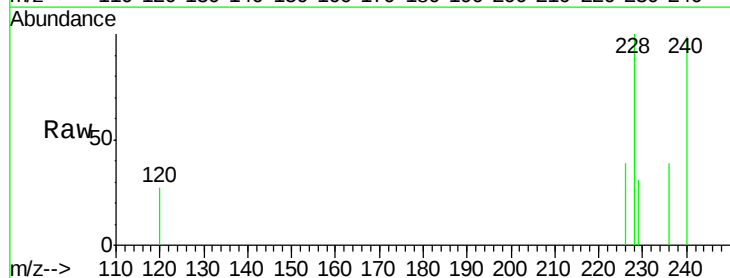
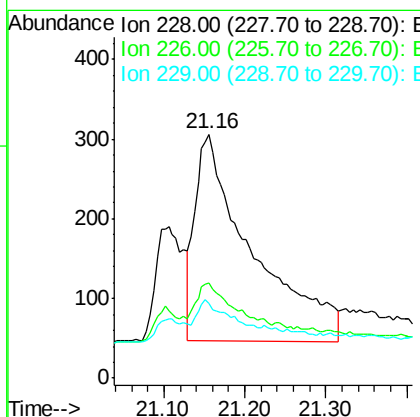
Manual Integrations
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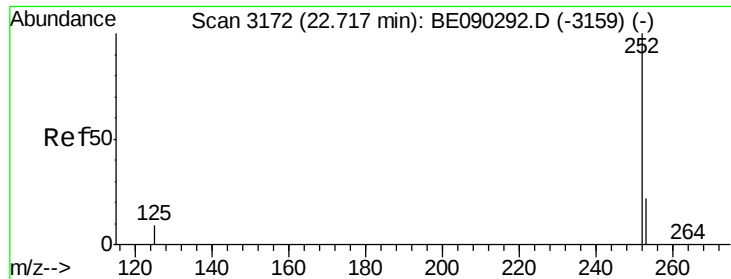
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#19
Chrysene
Concen: 0.12 ng/ul m
RT: 21.16 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BE090293.D
Acq: 30 Jul 2015 12:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.9	25.0	37.4#
229	30.7	16.6	24.8#





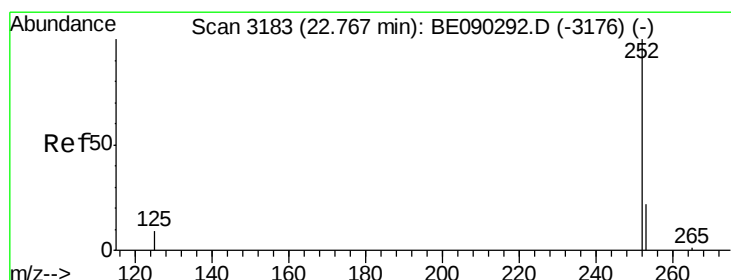
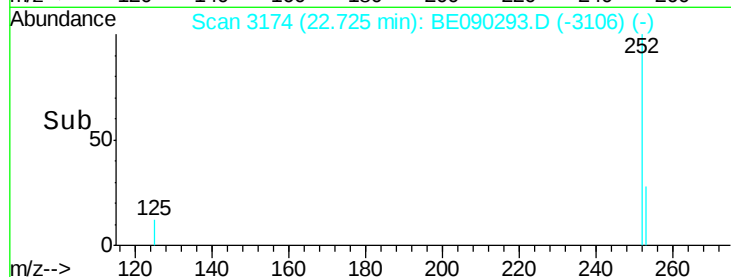
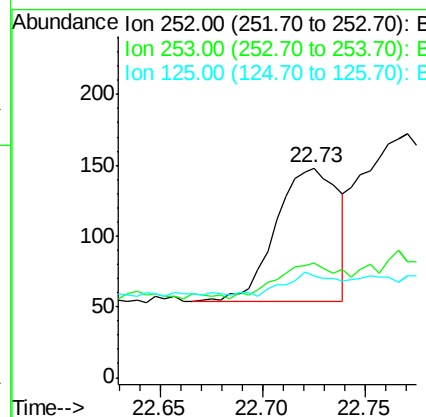
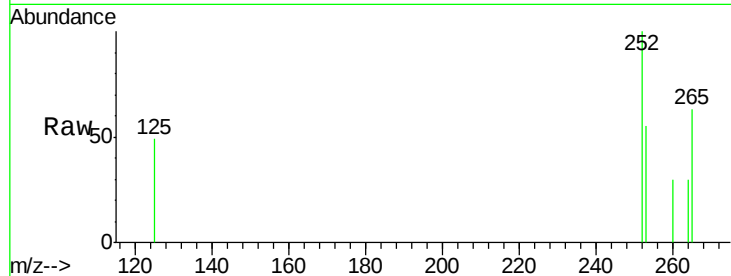
#21
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 22.73 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE090293.D
Acq: 30 Jul 2015 12:11

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	54.7	0.0	57.2
125	48.6	0.0	34.6

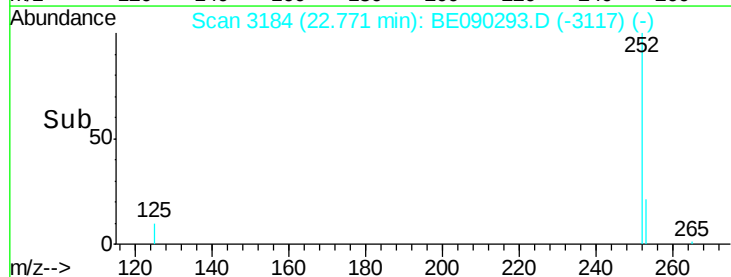
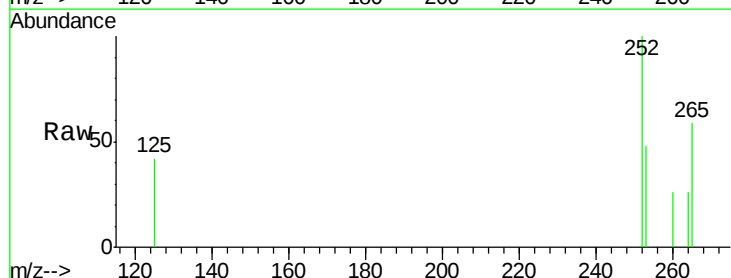
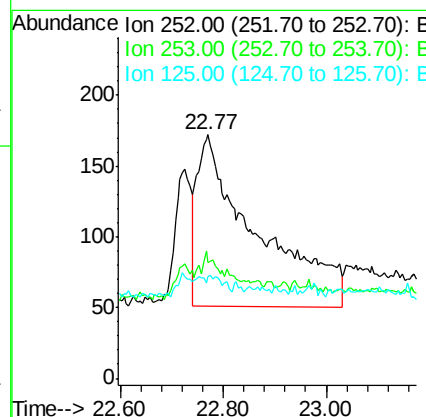
Manual Integrations
APPROVED

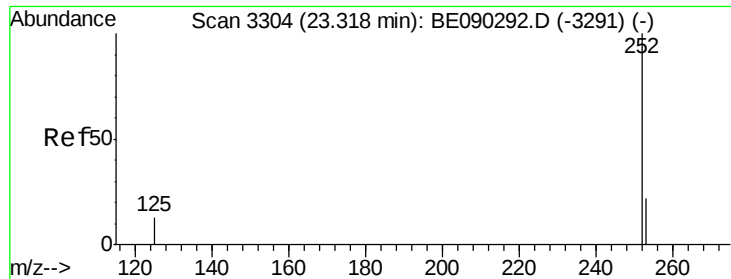
MMDadoda
7/31/2015 3:07:09 PM



#22
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.77 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE090293.D
Acq: 30 Jul 2015 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.7	21.3	31.9
125	41.9	13.3	19.9





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul m

RT: 23.33 min Scan# 3306

Delta R.T. 0.01 min

Lab File: BE090293.D

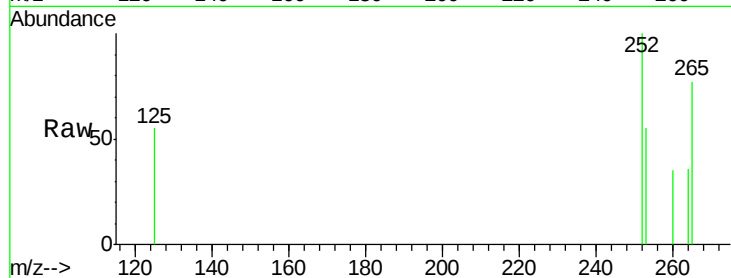
Acq: 30 Jul 2015 12:11

Instrument :

BNA_E

ClientSampleId :

MDL-01-W



Tgt Ion: 252 Resp: 308

Ion Ratio Lower Upper

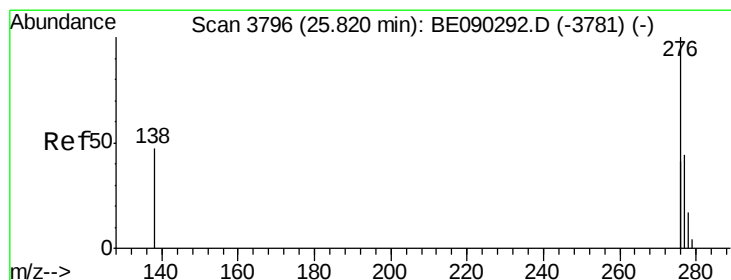
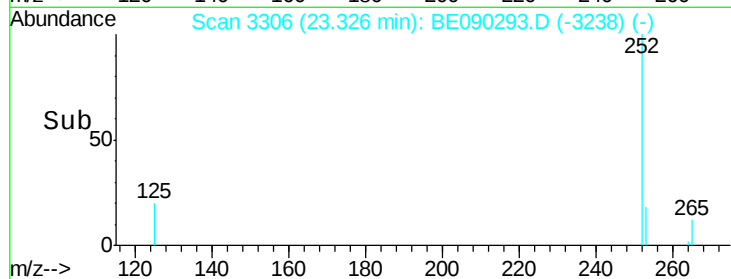
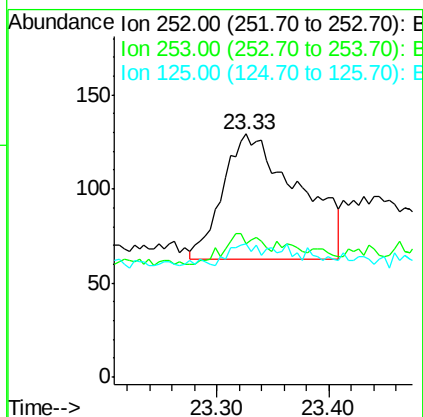
252 100

253 55.0 24.9 37.3#

125 55.0 17.5 26.3#

Manual Integrations
APPROVED

MMDadoda
7/31/2015 3:07:09 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng/ul

RT: 25.83 min Scan# 3798

Delta R.T. 0.01 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

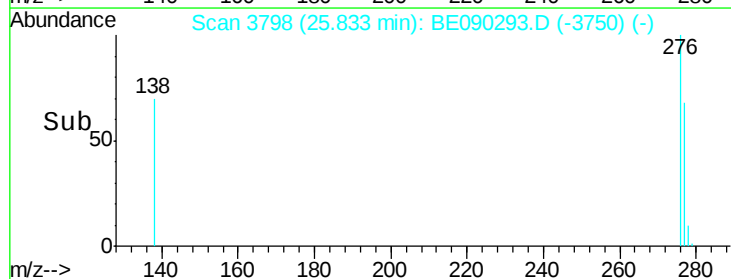
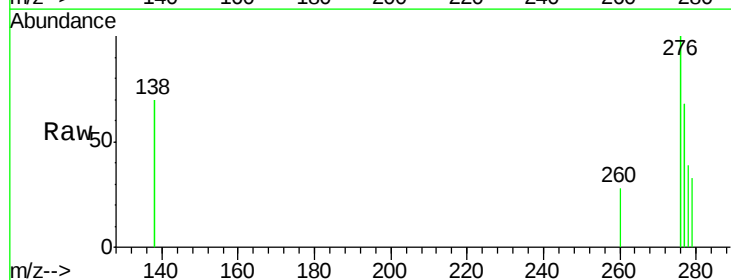
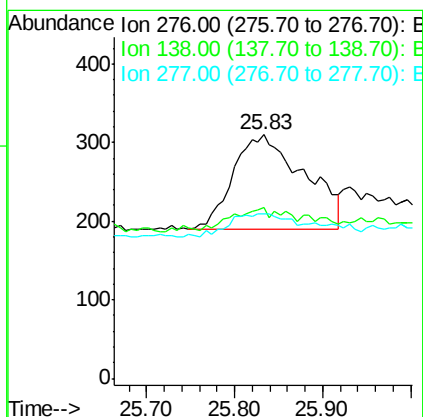
Tgt Ion: 276 Resp: 675

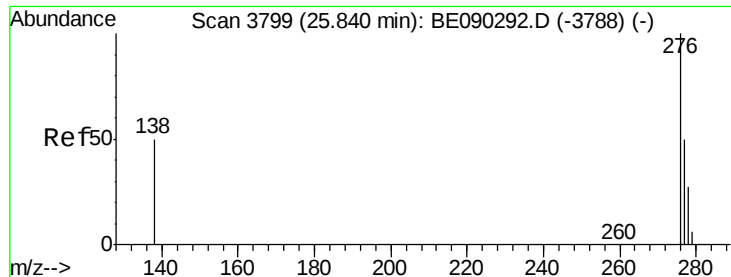
Ion Ratio Lower Upper

276 100

138 12.0 13.5 20.3#

277 21.5 16.4 24.6





#25

Dibenzo(a,h)anthracene

Concen: 0.09 ng/ul

RT: 25.85 min Scan# 3800

Delta R.T. 0.01 min

Lab File: BE090293.D

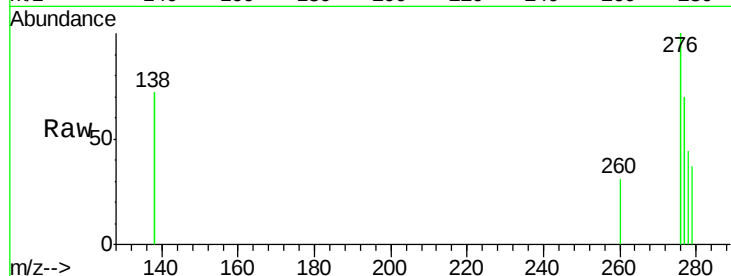
Acq: 30 Jul 2015 12:11

Instrument :

BNA_E

ClientSampleId :

MDL-01-W



Tgt Ion: 278 Resp: 104

Ion Ratio Lower Upper

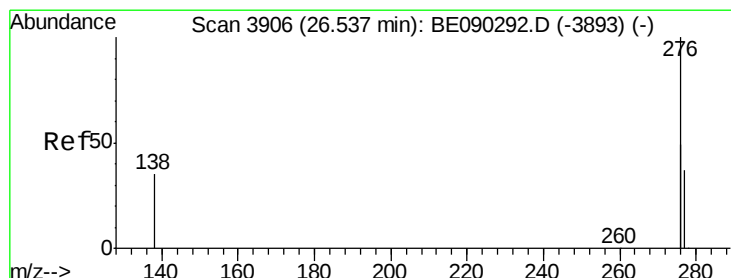
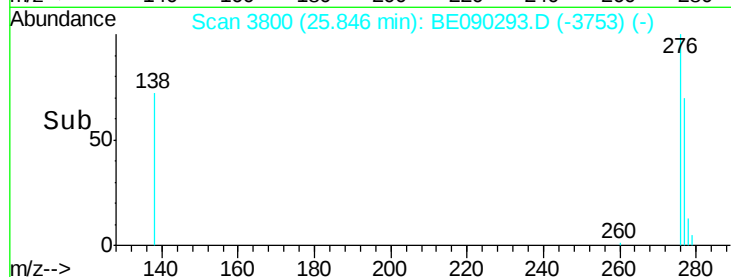
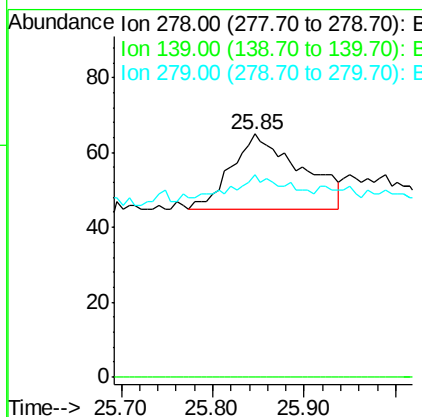
278 100

139 0.0 0.0 0.0

279 83.1 37.4 56.0#

Manual Integrations
APPROVED

MMDadoda
7/31/2015 3:07:09 PM



#26

Benzo(g,h,i)perylene

Concen: 0.09 ng/ul

RT: 26.56 min Scan# 3910

Delta R.T. 0.03 min

Lab File: BE090293.D

Acq: 30 Jul 2015 12:11

Tgt Ion: 276 Resp: 1239

Ion Ratio Lower Upper

276 100

277 59.7 25.5 38.3#

138 61.8 23.9 35.9#

