

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
 Data File : BE090295.D
 Acq On : 30 Jul 2015 13:22
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-SIM2.2-WATER-0.15PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-03-W

Manual Integrations
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 7/31/2015 3:07:19 PM

Quant Time: Jul 31 06:27:35 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	992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4125	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.21	164	2428	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5462	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2904	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1753	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2333	0.37	ng/ul	0.01
14) Fluoranthene-d10	18.97	212	5698	0.38	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.41	128	1217	0.11	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	737	0.10	ng/ul	98
7) Acenaphthylene	13.92	152	5551	0.11	ng/ul#	92
8) Acenaphthene	14.27	153	4143	0.11	ng/ul	98
9) Fluorene	15.26	166	1074	0.11	ng/ul#	92
11) Pentachlorophenol	16.62	266	61	0.17	ng/ul	97
12) Phenanthrene	16.98	178	6301	0.11	ng/ul#	91
13) Anthracene	17.07	178	6565	0.11	ng/ul#	89
15) Fluoranthene	19.00	202	7967	0.12	ng/ul	96
17) Pyrene	19.36	202	8120	0.15	ng/ul	94
18) Benzo(a)anthracene	21.10	228	481	0.11	ng/ul#	76
19) Chrysene	21.15	228	1960m	0.15	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	274	0.10	ng/ul#	61
22) Benzo(k)fluoranthene	22.76	252	870m	0.11	ng/ul	
23) Benzo(a)pyrene	23.32	252	325	0.09	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.82	276	924	0.08	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.85	278	149m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.56	276	1516	0.10	ng/ul#	56

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

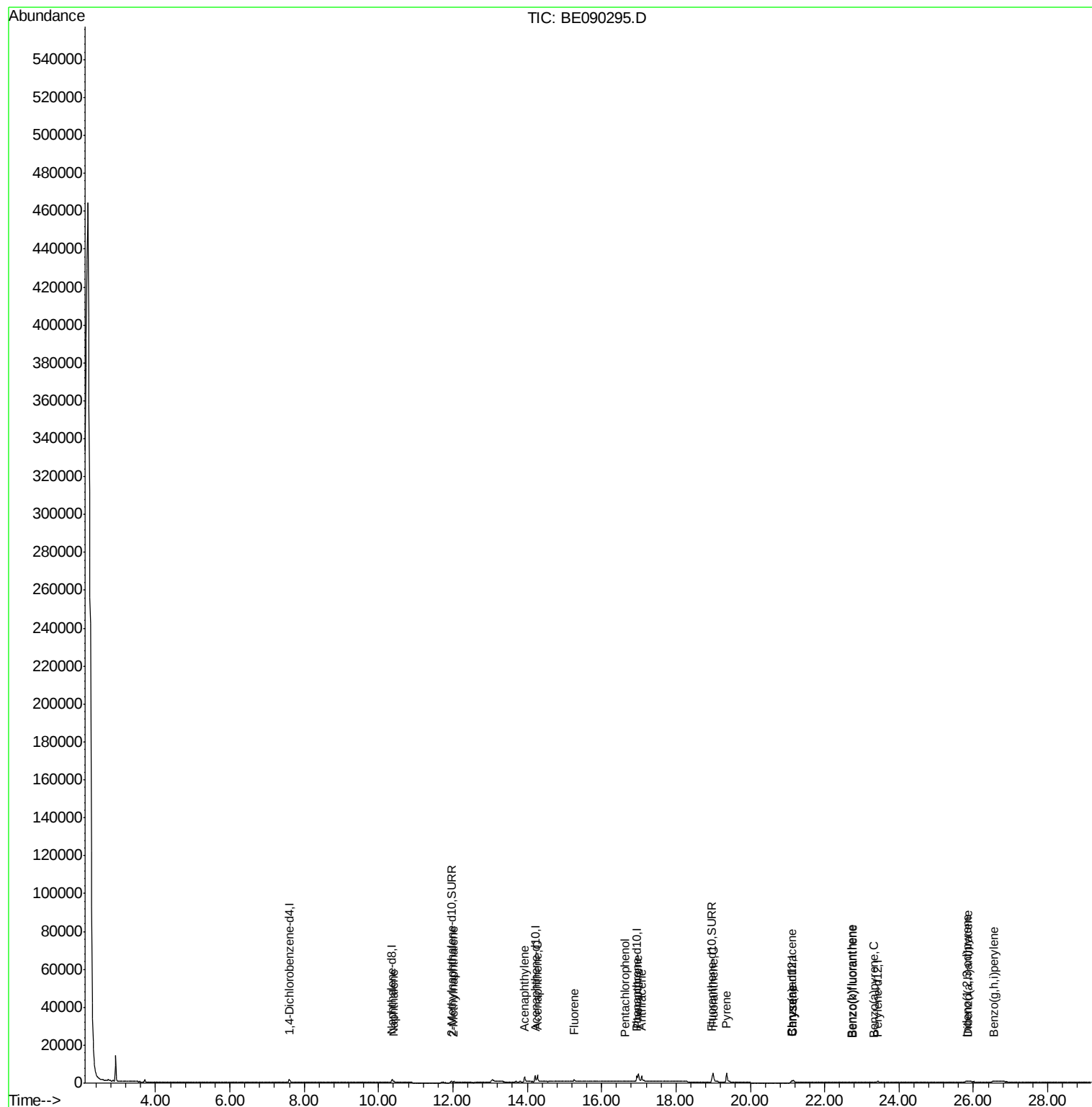
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
Data File : BE090295.D
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ALS Vial : 5 Sample Multiplier: 1

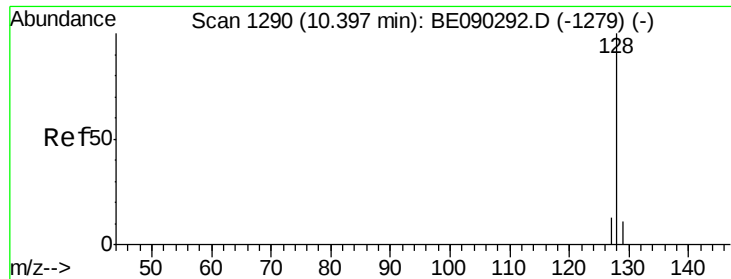
Instrument :
BNA_E
ClientSampleId :
MDL-03-W

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Quant Time: Jul 31 06:27:35 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# 1292

Delta R.T. 0.01 min

Lab File: BE090295.D

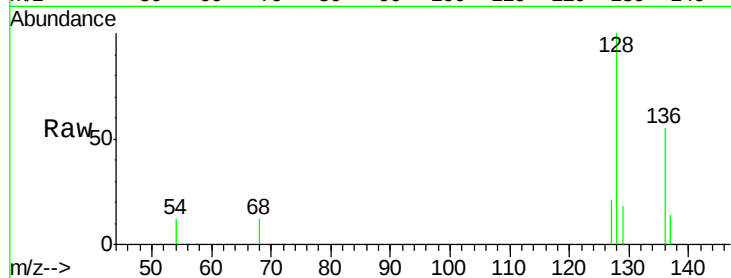
Acq: 30 Jul 2015 13:22

Instrument :

BNA_E

ClientSampleId :

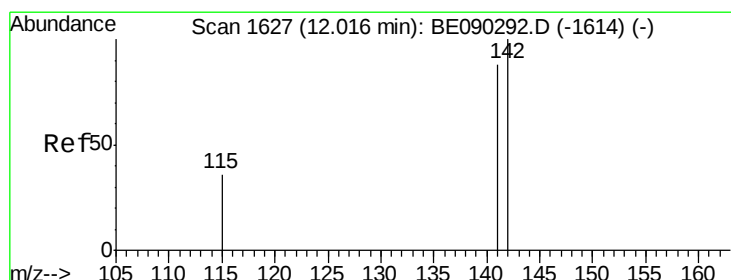
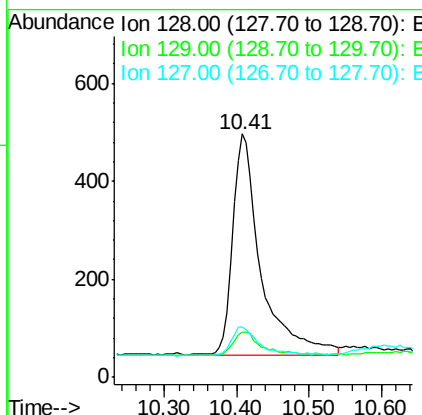
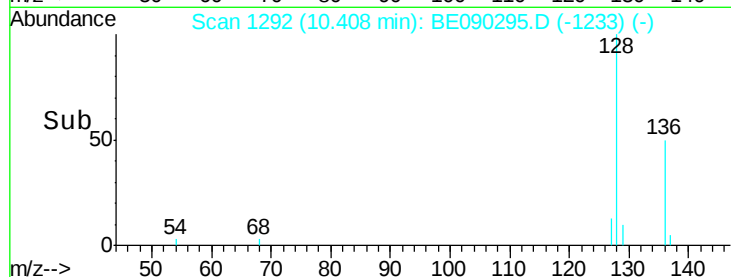
MDL-03-W



Tgt Ion:	128	Resp:	1217
Ion Ratio	Lower	Upper	
128	100		
129	18.3	10.4	15.6#
127	20.9	12.1	18.1#

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#5

2-Methylnaphthalene

Concen: 0.10 ng/ul

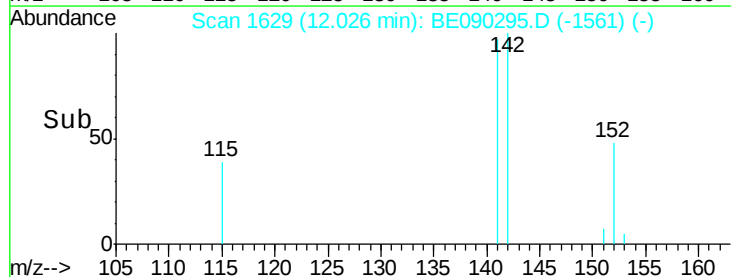
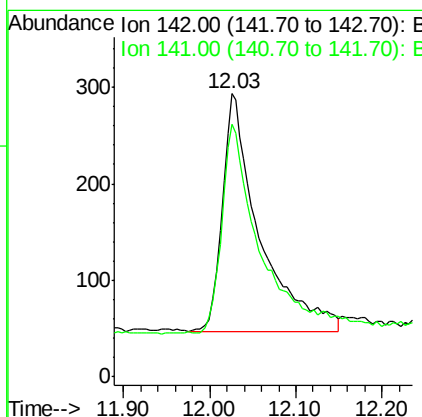
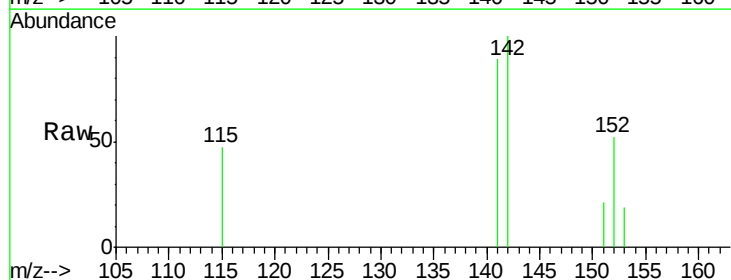
RT: 12.03 min Scan# 1629

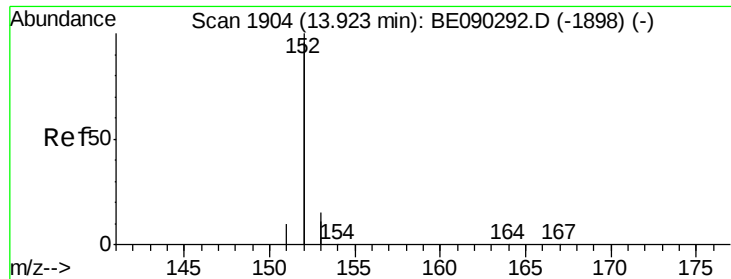
Delta R.T. 0.01 min

Lab File: BE090295.D

Acq: 30 Jul 2015 13:22

Tgt Ion:	142	Resp:	737
Ion Ratio	Lower	Upper	
142	100		
141	93.2	73.0	109.4





#7

Acenaphthylene

Concen: 0.11 ng/ul

RT: 13.92 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BE090295.D

Acq: 30 Jul 2015 13:22

Instrument :

BNA_E

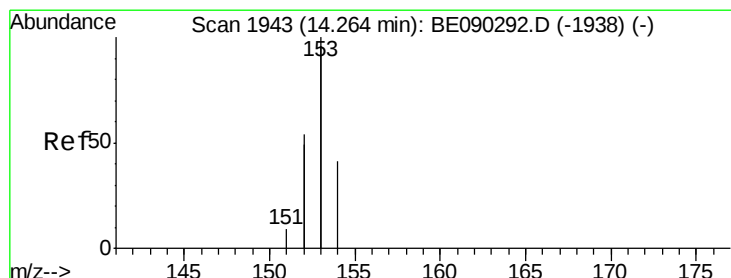
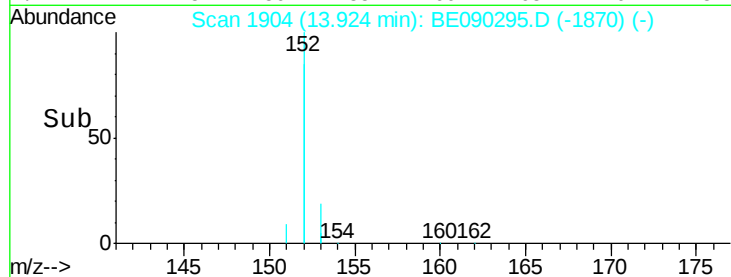
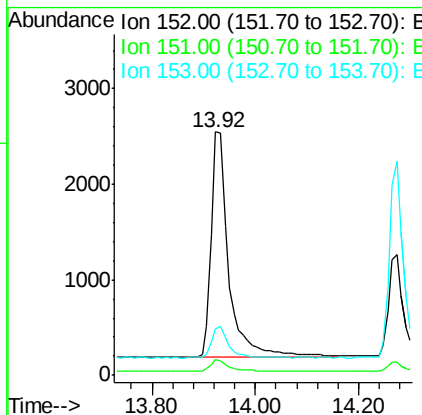
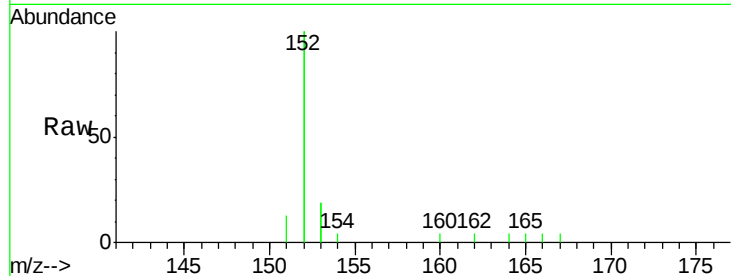
ClientSampleId :

MDL-03-W

Tgt Ion:	152	Resp:	5551
Ion Ratio	Lower	Upper	
152	100		
151	6.5	4.3	6.5#
153	19.0	11.9	17.9#

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#8

Acenaphthene

Concen: 0.11 ng/ul

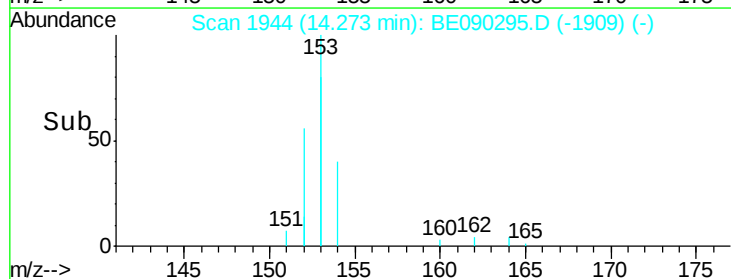
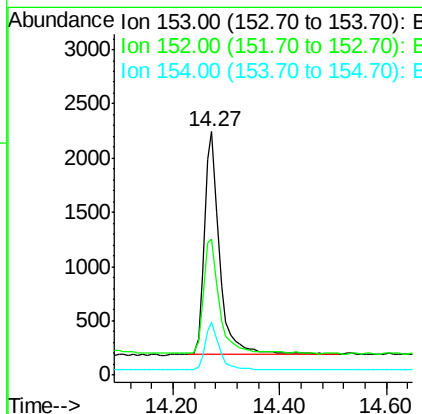
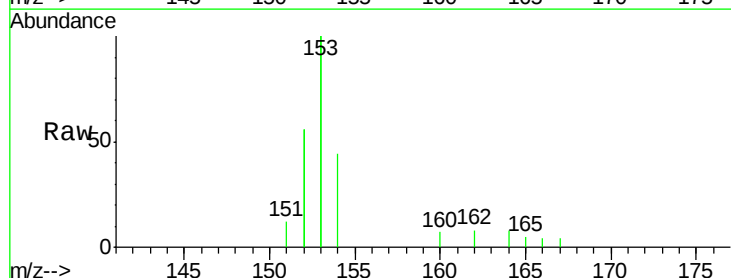
RT: 14.27 min Scan# 1944

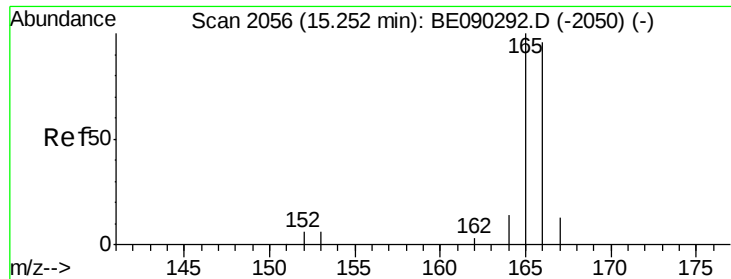
Delta R.T. 0.01 min

Lab File: BE090295.D

Acq: 30 Jul 2015 13:22

Tgt Ion:	153	Resp:	4143
Ion Ratio	Lower	Upper	
153	100		
152	56.1	45.7	68.5
154	21.9	16.4	24.6





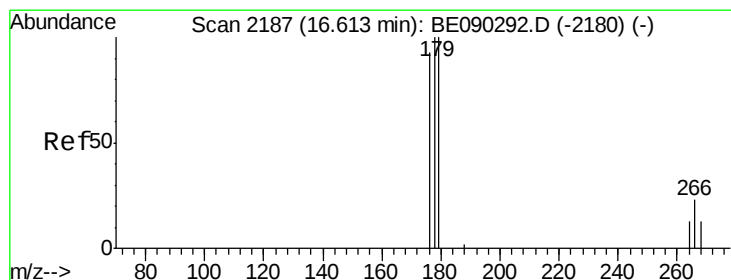
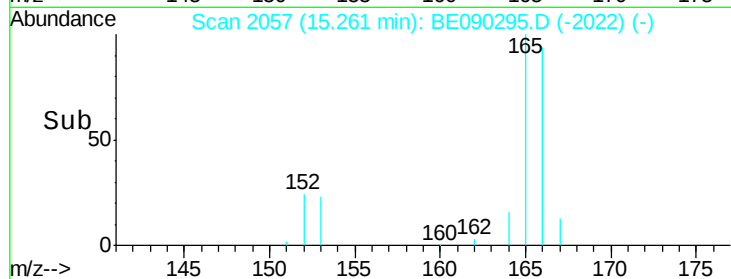
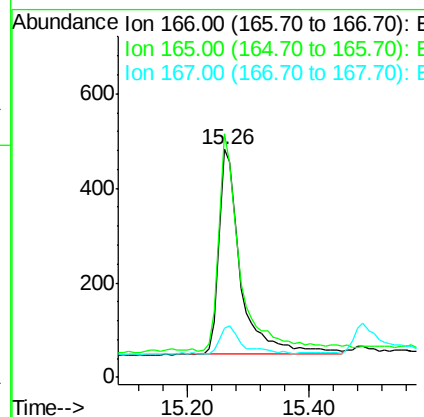
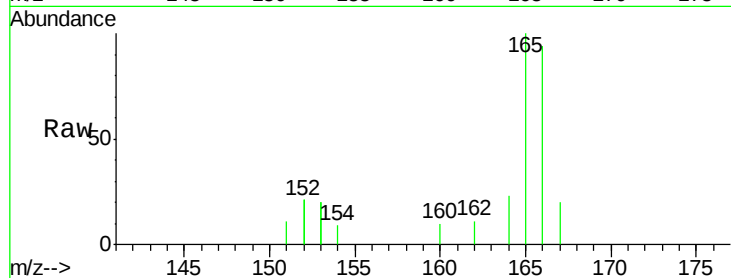
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.26 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BE090295.D
 Acq: 30 Jul 2015 13:22

Instrument :
 BNA_E
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.8	80.3	120.5
167	21.8	12.4	18.6

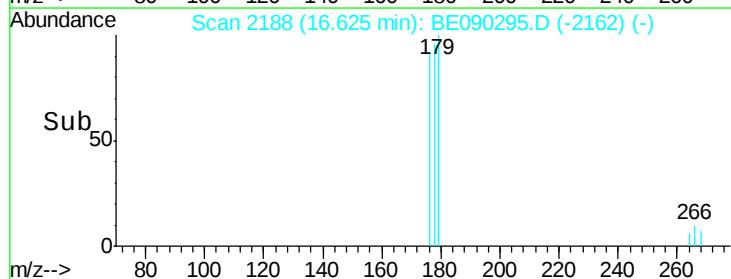
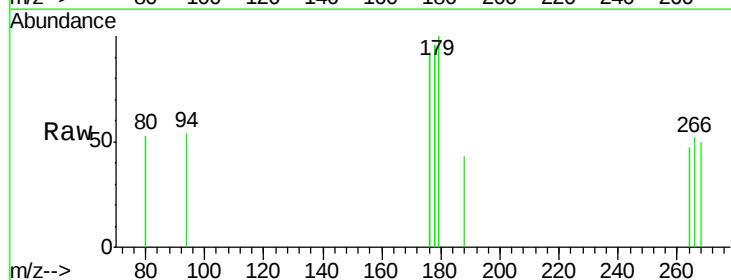
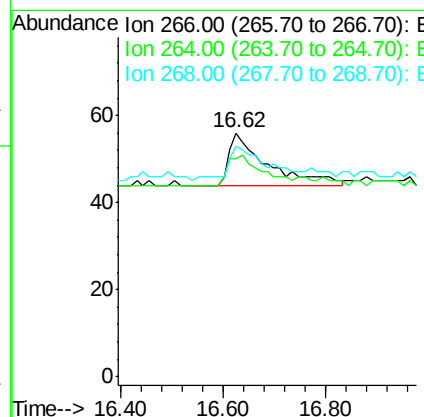
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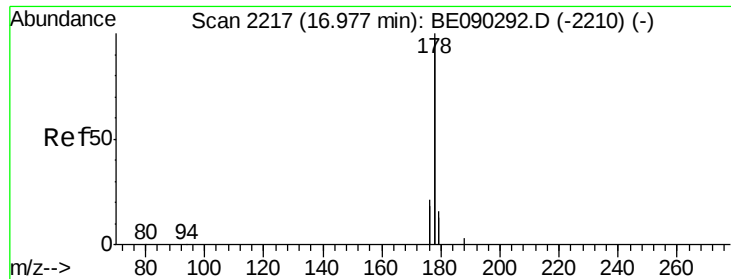
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#11
Pentachlorophenol
 Concen: 0.17 ng/ul
 RT: 16.62 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: BE090295.D
 Acq: 30 Jul 2015 13:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	50.8	43.4	65.0
268	57.4	44.6	66.8





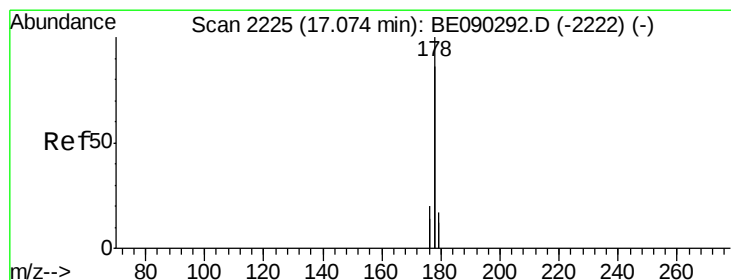
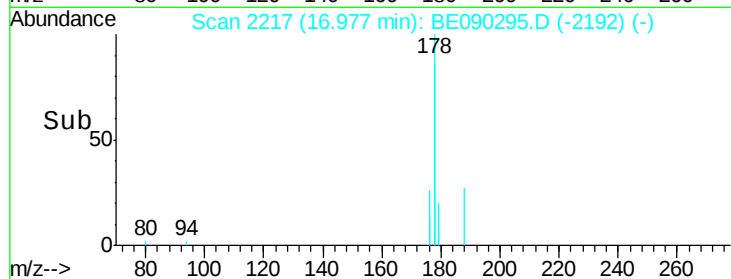
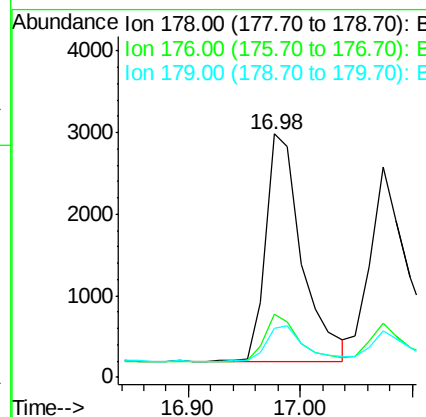
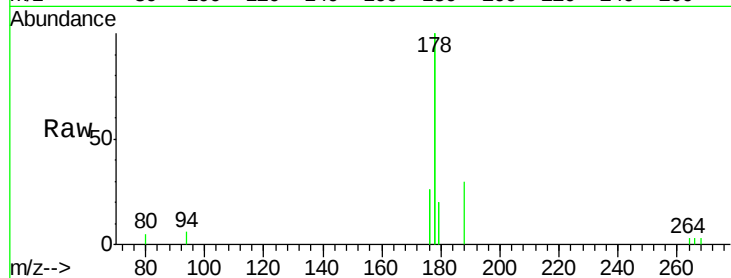
#12
Phenanthrene
Concen: 0.11 ng/ul
RT: 16.98 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Instrument :
BNA_E
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.1	17.3	25.9#
179	20.0	13.1	19.7#

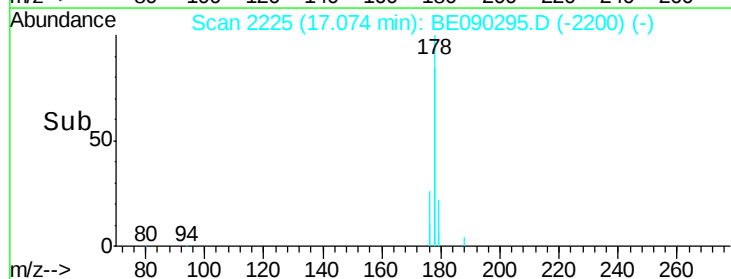
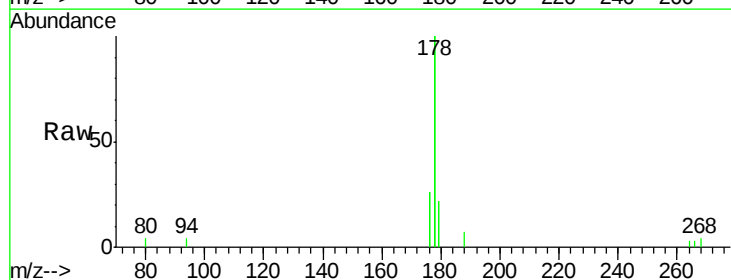
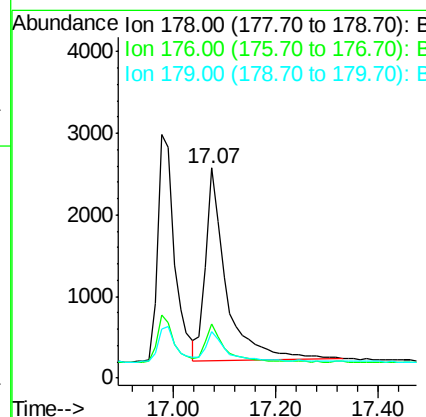
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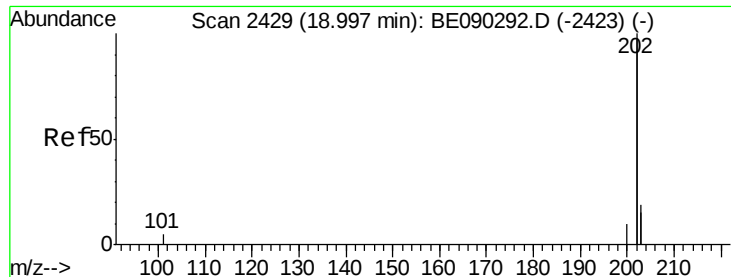
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#13
Anthracene
Concen: 0.11 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.8	16.4	24.6#
179	22.3	13.9	20.9#





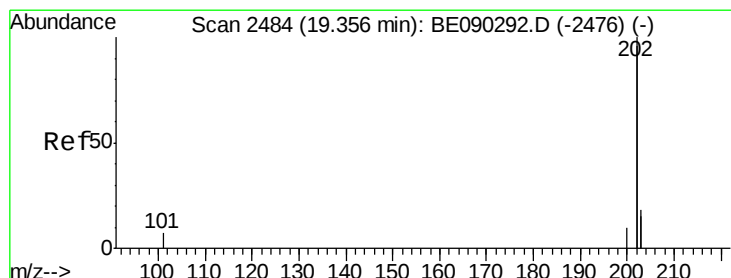
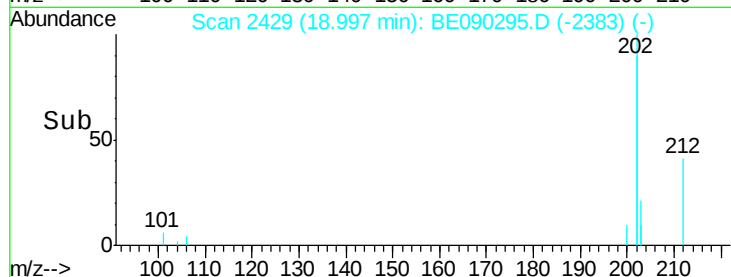
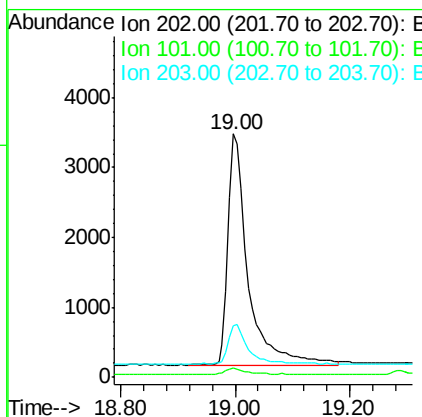
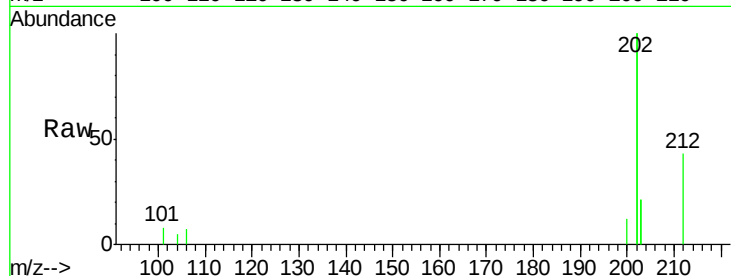
#15
Fluoranthene
Concen: 0.12 ng/ul
RT: 19.00 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Instrument :
BNA_E
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7967		
101	4.1		0.0	22.9
203	21.0		0.0	39.0

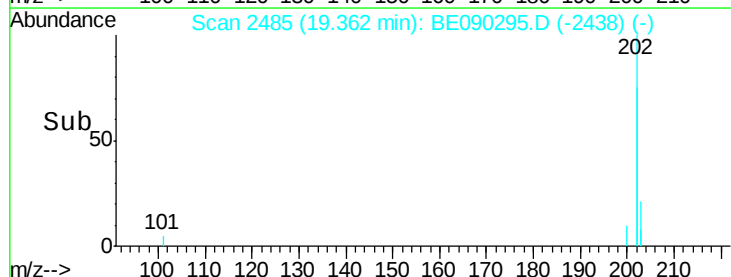
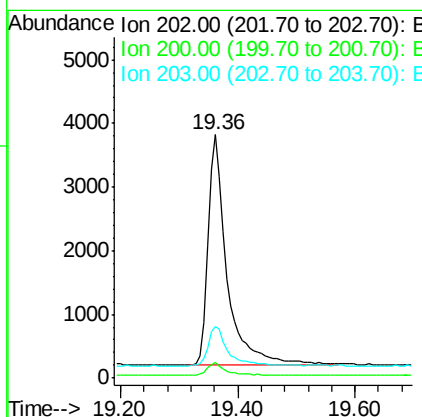
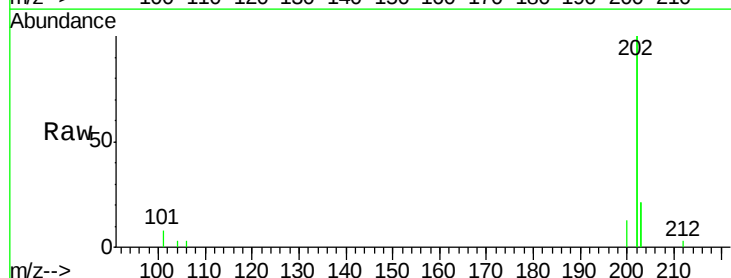
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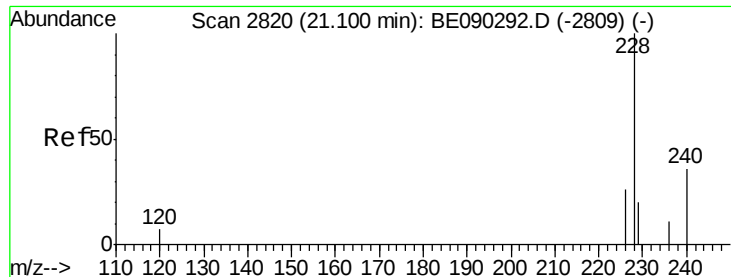
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#17
Pyrene
Concen: 0.15 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8120		
200	6.4		4.5	6.7
203	21.4		14.4	21.6





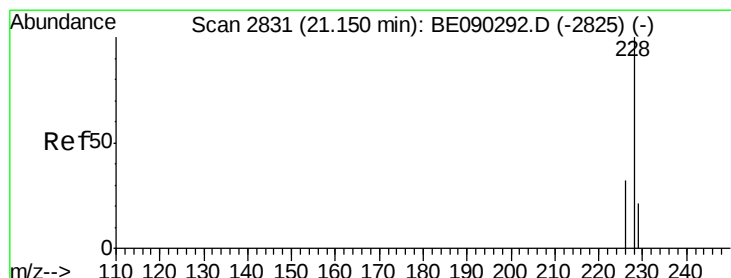
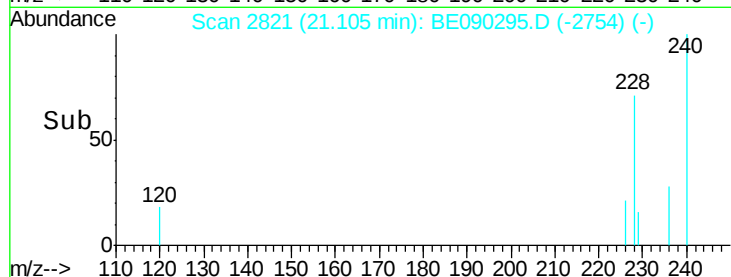
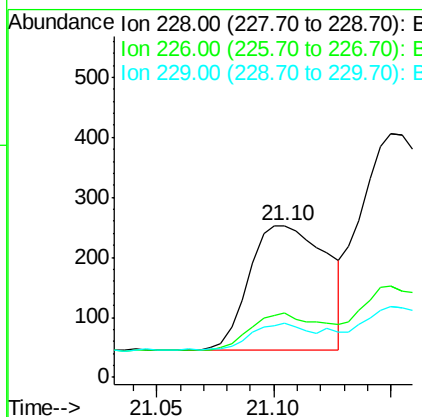
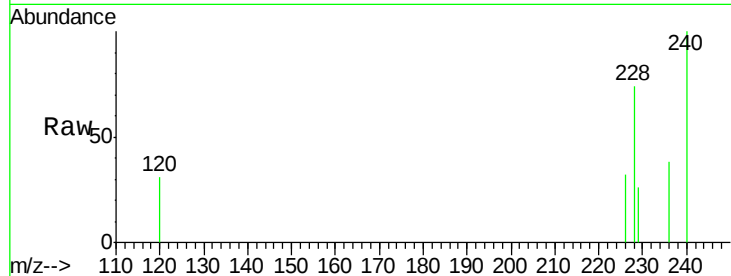
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Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Instrument :
BNA_E
ClientSampled :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.7	24.6	36.8#
229	35.6	17.9	26.9#

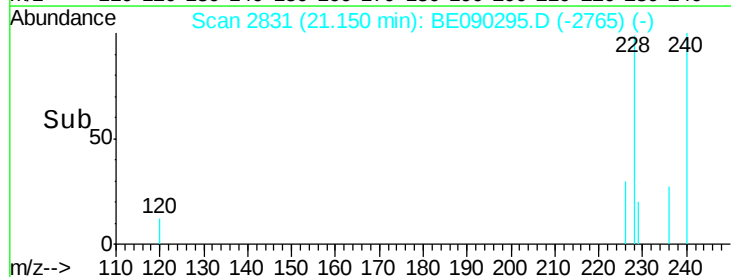
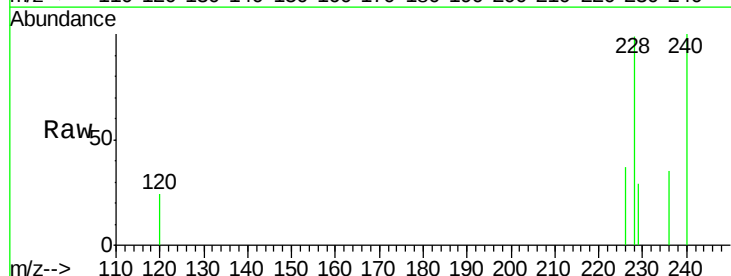
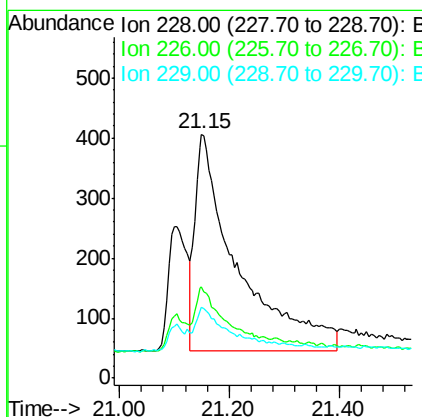
Manual Integrations
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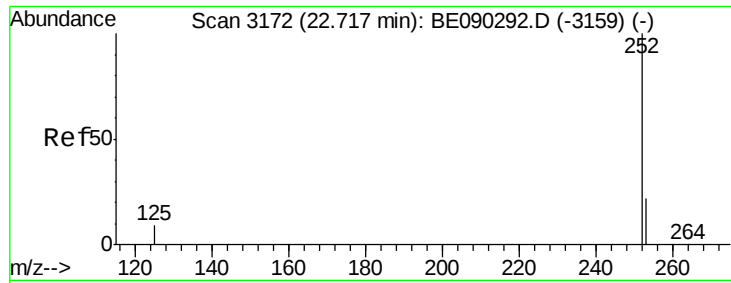
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#19
Chrysene
Concen: 0.15 ng/ul m
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.4	25.0	37.4
229	29.3	16.6	24.8#





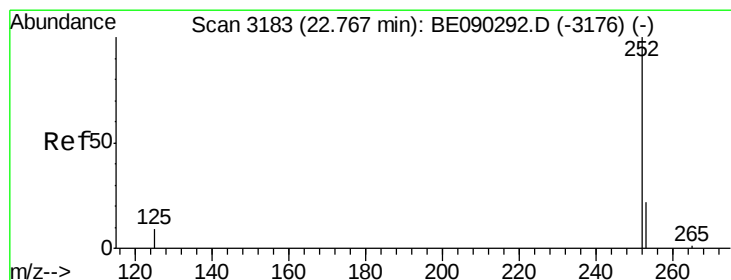
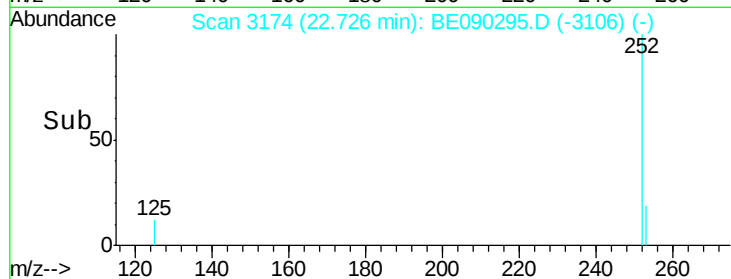
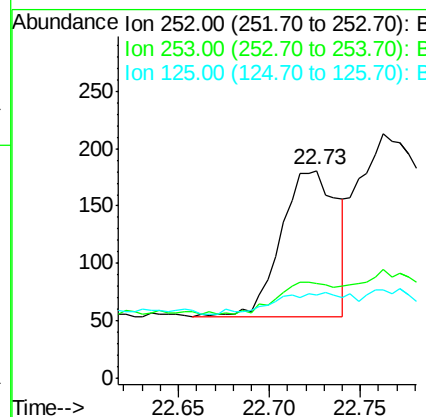
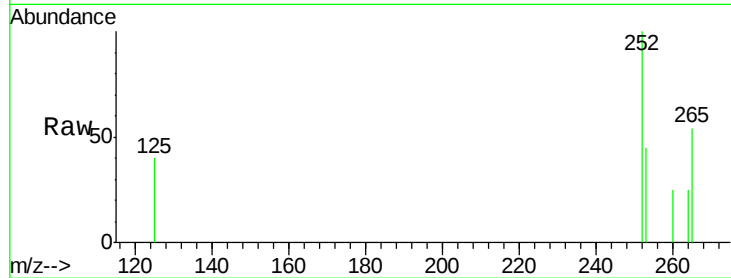
#21
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 22.73 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Instrument :
BNA_E
ClientSampleId :
MDL-03-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.3	0.0	57.2
125	39.8	0.0	34.6#

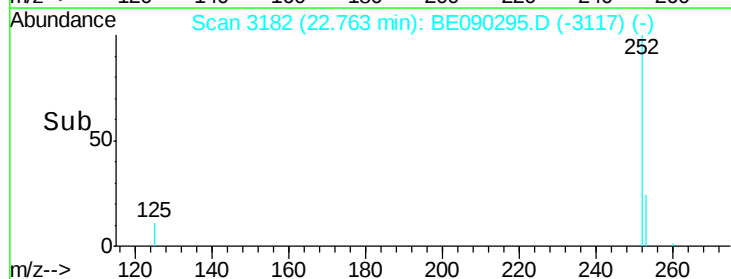
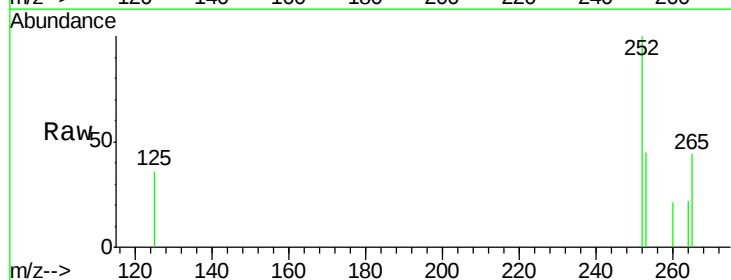
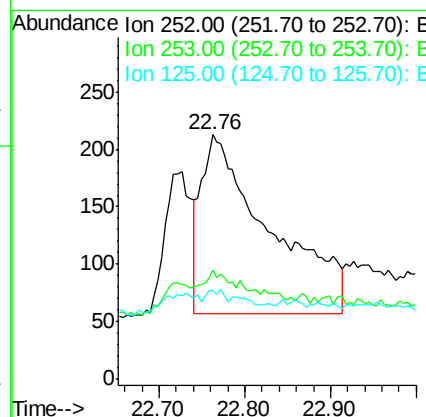
Manual Integrations
APPROVED

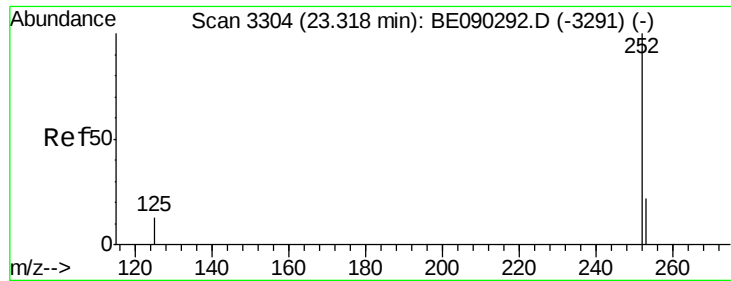
MMDadoda
7/31/2015 3:07:19 PM



#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.76 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.6	21.3	31.9#
125	36.2	13.3	19.9#





#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.32 min Scan# 3304

Delta R.T. -0.00 min

Lab File: BE090295.D

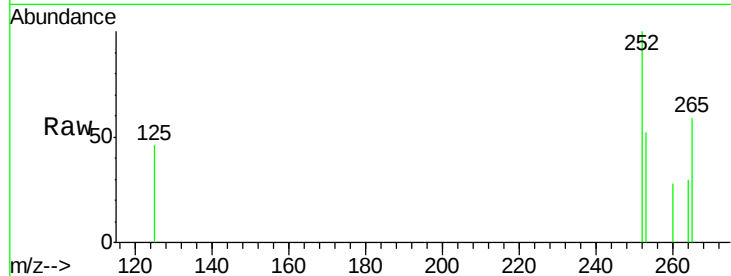
Acq: 30 Jul 2015 13:22

Instrument :

BNA_E

ClientSampleId :

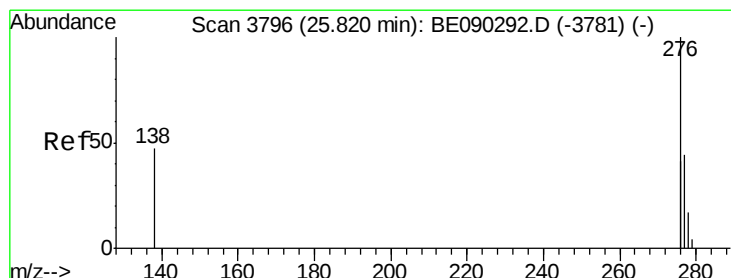
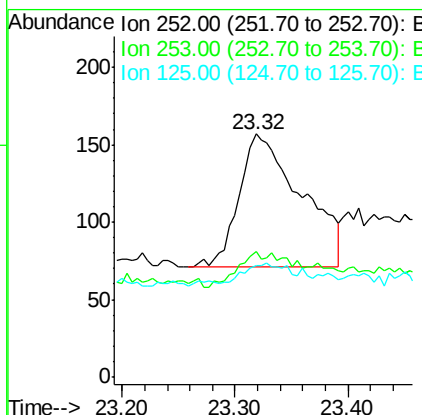
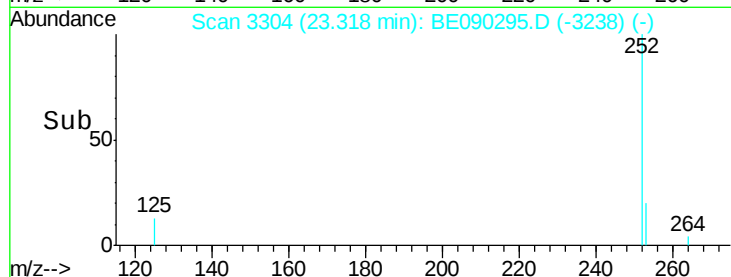
MDL-03-W



Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.6	24.9	37.3#
125	45.9	17.5	26.3#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

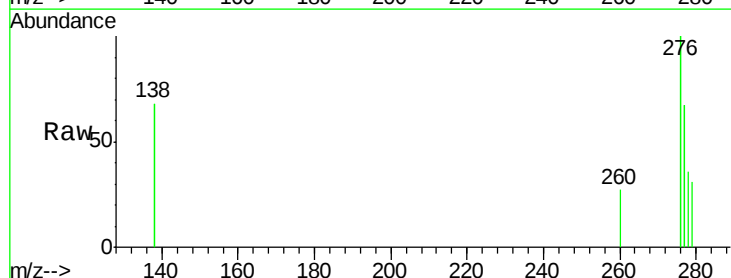
Concen: 0.08 ng/ul

RT: 25.82 min Scan# 3796

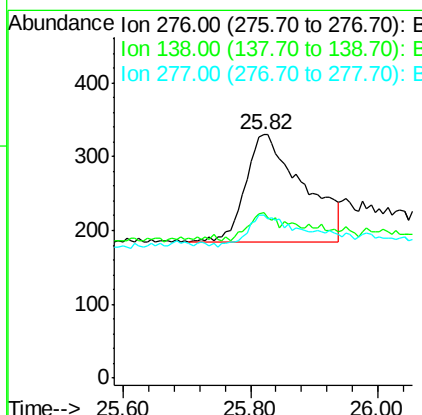
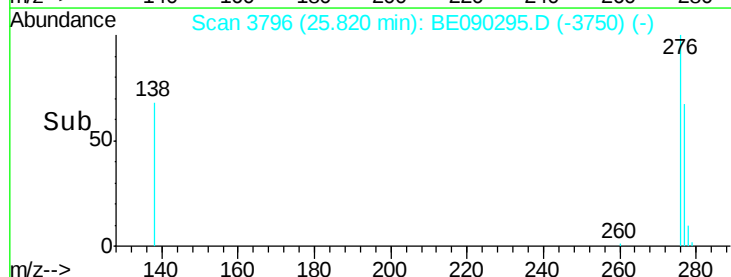
Delta R.T. -0.00 min

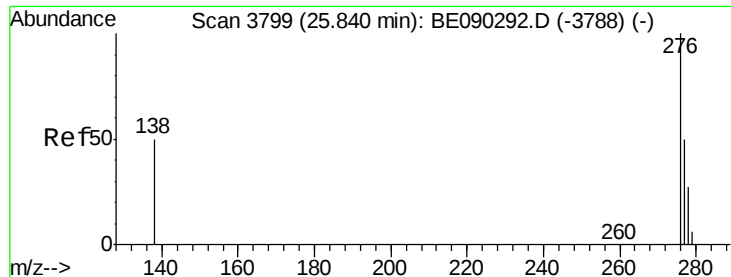
Lab File: BE090295.D

Acq: 30 Jul 2015 13:22



Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	13.5	20.3#
277	23.4	16.4	24.6





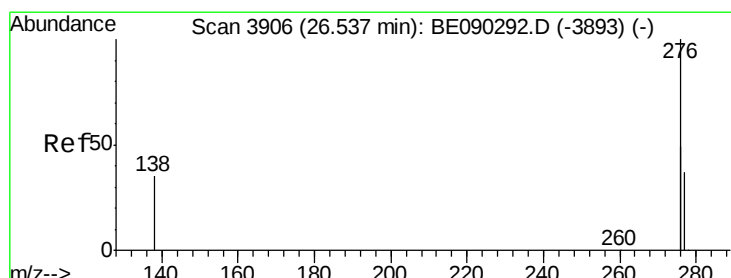
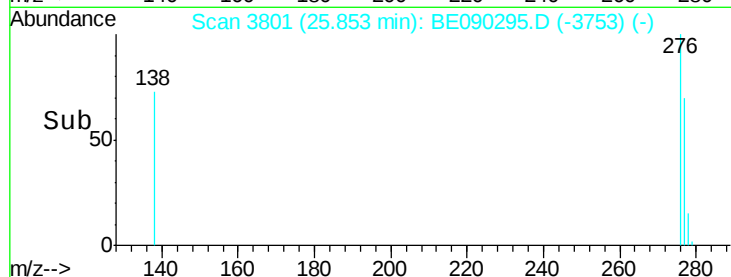
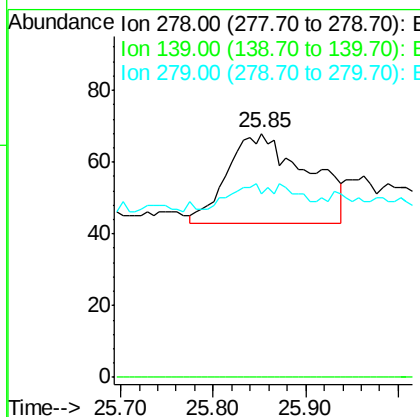
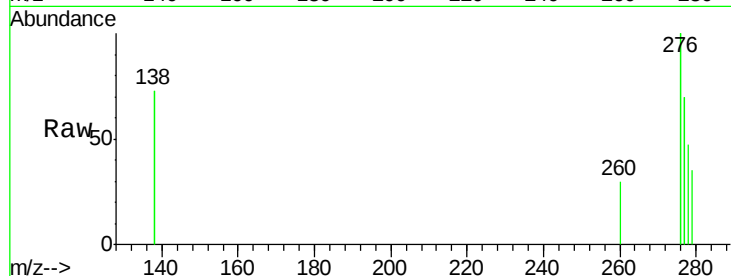
#25
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul m
RT: 25.85 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Instrument :
BNA_E
ClientSampleId :
MDL-03-W

Tgt Ion:278 Resp: 149
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 75.0 37.4 56.0#

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.03 min
Lab File: BE090295.D
Acq: 30 Jul 2015 13:22

Tgt Ion:276 Resp: 1516
Ion Ratio Lower Upper
276 100
277 56.9 25.5 38.3#
138 53.6 23.9 35.9#

