

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
 Data File : BE090294.D
 Acq On : 30 Jul 2015 12:46
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-SIM2.2-WATER-0.15PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-02-W

Manual Integrations
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 7/31/2015 3:07:14 PM

Quant Time: Jul 31 06:25:13 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	958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3917	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.21	164	2392	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5268	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2827	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1620	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.95	152	2643	0.44	ng/ul	0.01
14) Fluoranthene-d10	18.97	212	5694	0.39	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.41	128	1326	0.13	ng/ul#	88
5) 2-Methylnaphthalene	12.03	142	818	0.12	ng/ul	100
7) Acenaphthylene	13.93	152	5891	0.12	ng/ul#	92
8) Acenaphthene	14.27	153	4456	0.12	ng/ul	99
9) Fluorene	15.27	166	1129	0.11	ng/ul#	95
11) Pentachlorophenol	16.63	266	67	0.20	ng/ul#	79
12) Phenanthrene	16.98	178	6401	0.11	ng/ul#	93
13) Anthracene	17.07	178	6520	0.11	ng/ul#	89
15) Fluoranthene	19.00	202	7694	0.12	ng/ul	97
17) Pyrene	19.36	202	8030	0.15	ng/ul	94
18) Benzo(a)anthracene	21.11	228	395	0.09	ng/ul#	84
19) Chrysene	21.15	228	1649m	0.13	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	265	0.11	ng/ul#	56
22) Benzo(k)fluoranthene	22.76	252	963m	0.13	ng/ul	
23) Benzo(a)pyrene	23.32	252	292	0.09	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.82	276	779	0.08	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.85	278	135	0.11	ng/ul#	56
26) Benzo(g,h,i)perylene	26.56	276	1297	0.09	ng/ul#	53

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

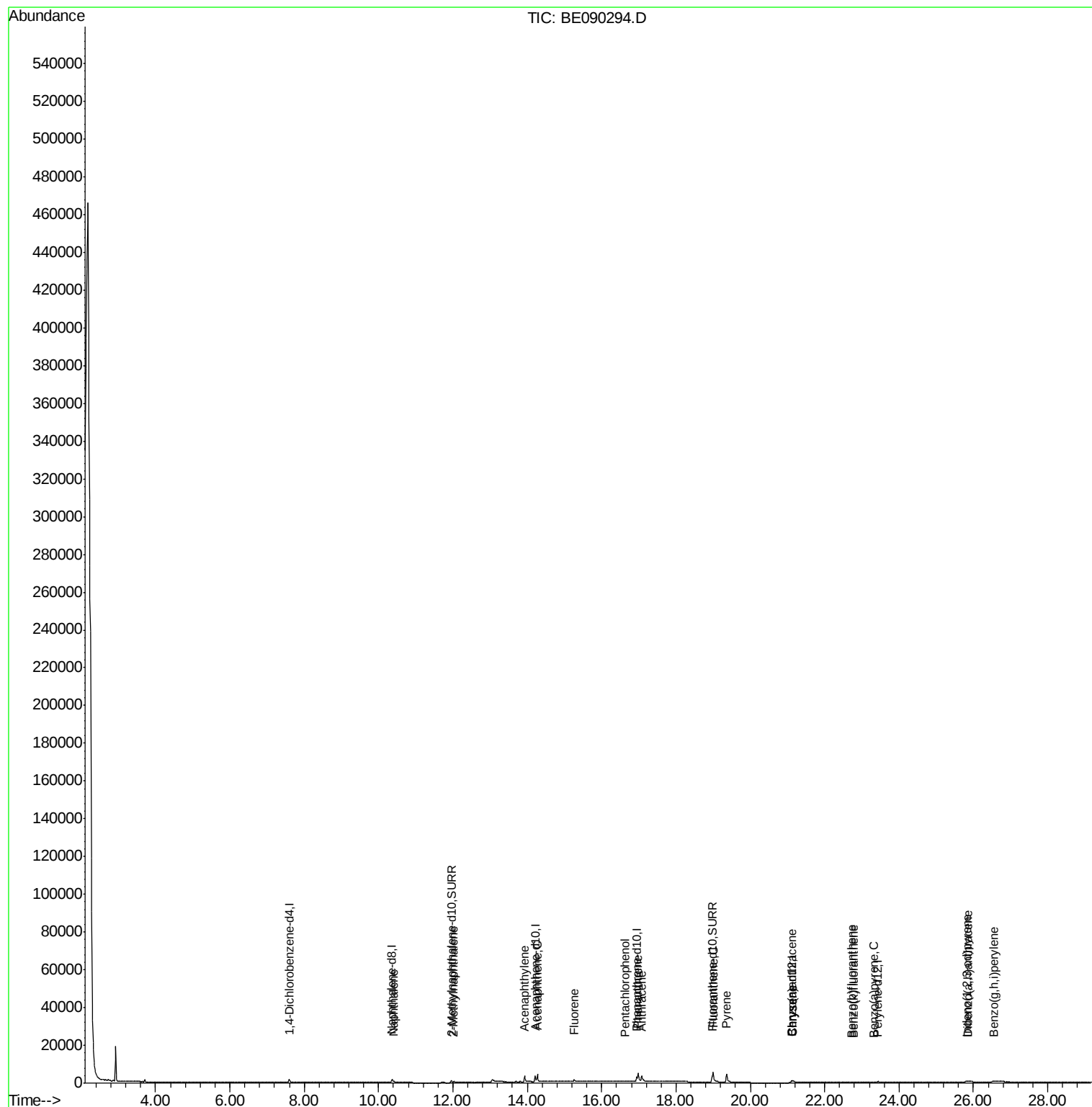
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
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Sample : MDL-02-W
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ALS Vial : 4 Sample Multiplier: 1

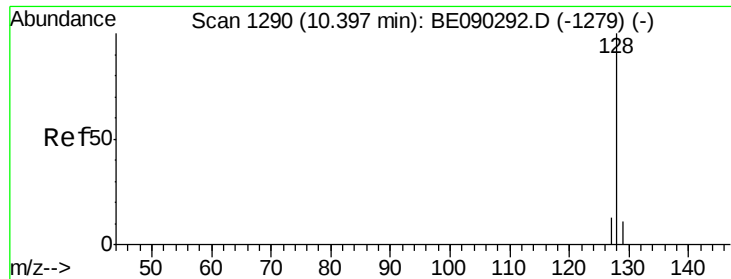
Instrument :
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ClientSampleId :
MDL-02-W

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Quant Time: Jul 31 06:25:13 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





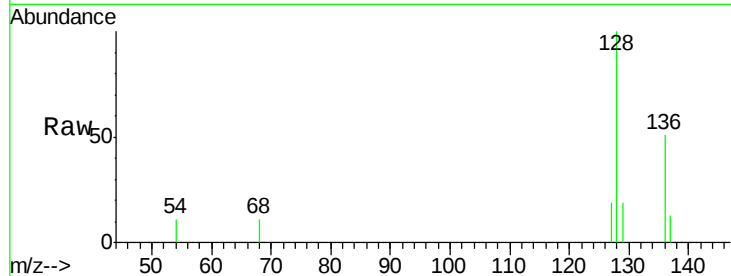
#3
Naphthalene
Concen: 0.13 ng/ul
RT: 10.41 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Instrument :
BNA_E
ClientSampleId :
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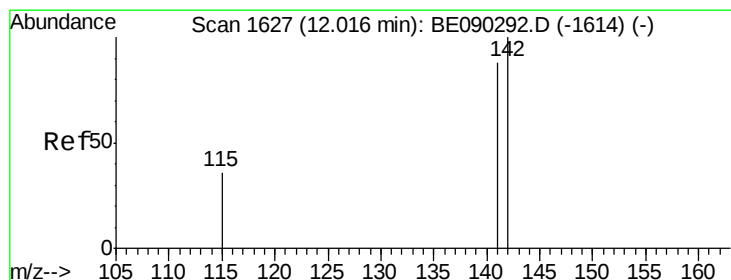
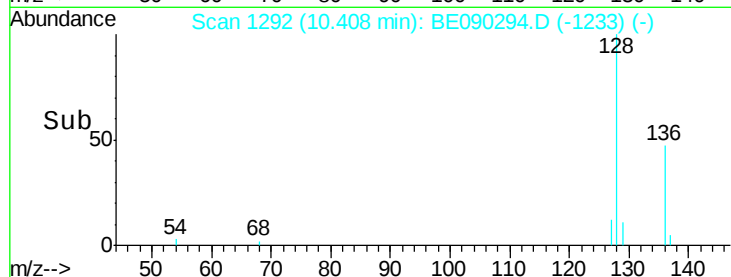
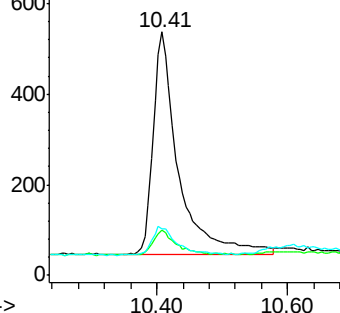
Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.6	10.4	15.6#
127	19.4	12.1	18.1#

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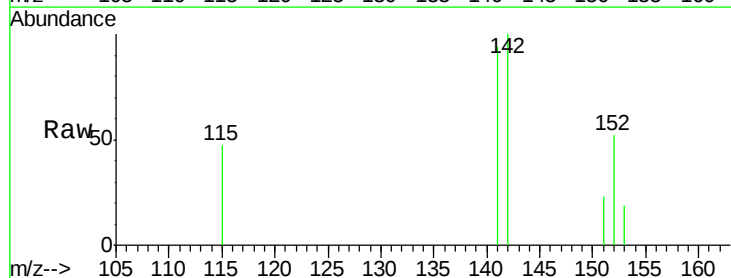


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

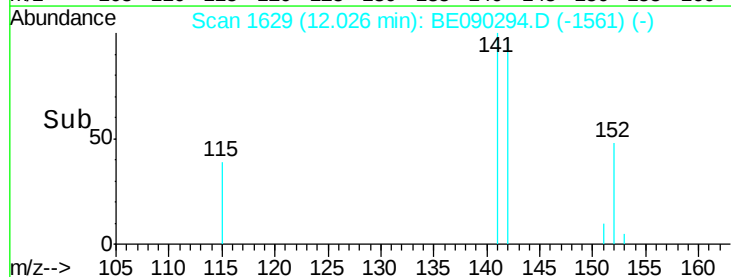
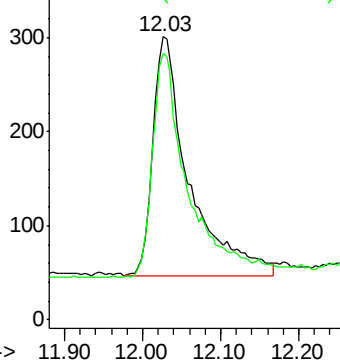


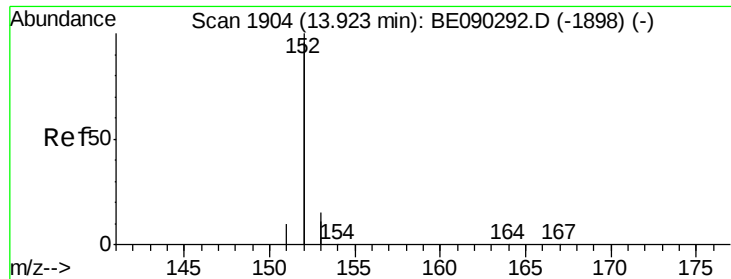
#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.03 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.4



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. 0.01 min

Lab File: BE090294.D

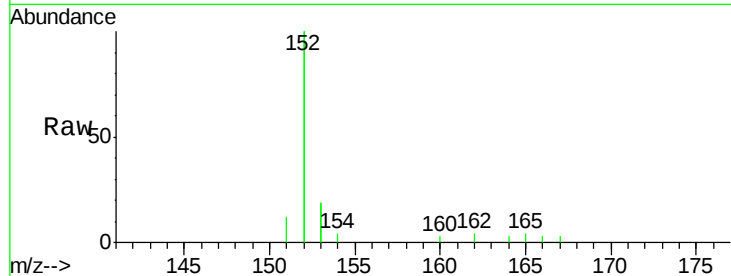
Acq: 30 Jul 2015 12:46

Instrument :

BNA_E

ClientSampleId :

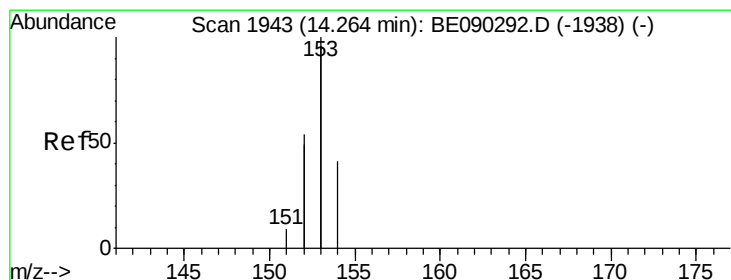
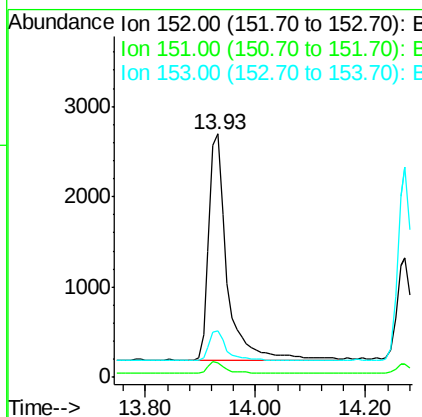
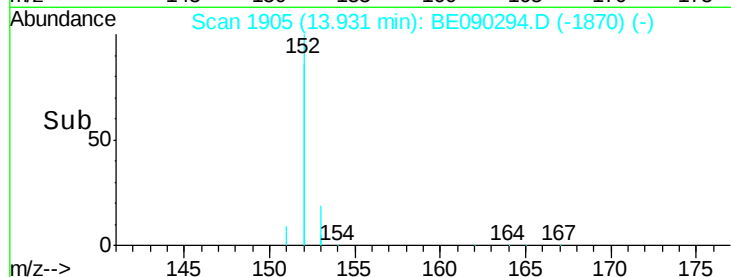
MDL-02-W



Tgt Ion:	152	Resp:	5891
Ion Ratio	Lower	Upper	
152	100		
151	6.1	4.3	6.5
153	19.1	11.9	17.9

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#8

Acenaphthene

Concen: 0.12 ng/ul

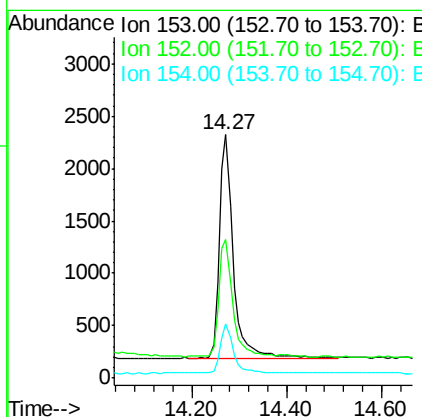
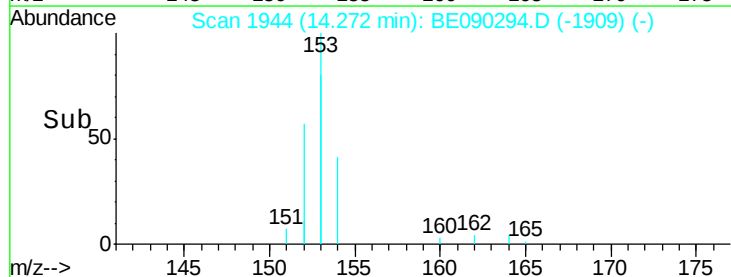
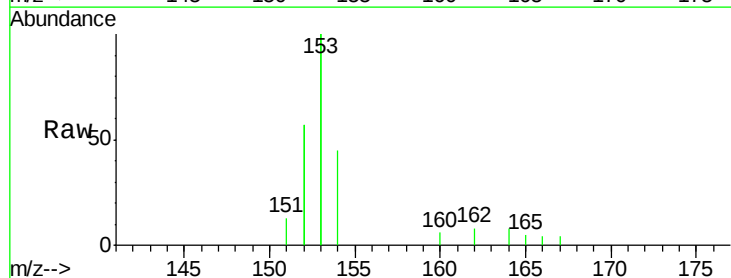
RT: 14.27 min Scan# 1944

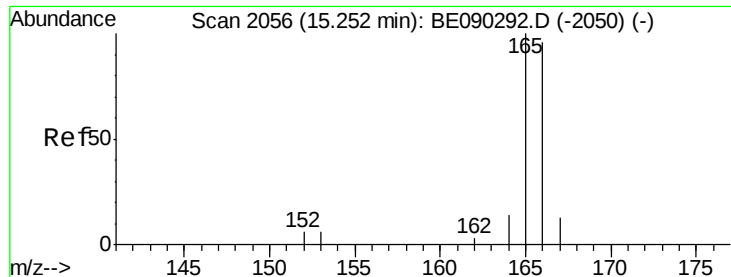
Delta R.T. 0.01 min

Lab File: BE090294.D

Acq: 30 Jul 2015 12:46

Tgt Ion:	153	Resp:	4456
Ion Ratio	Lower	Upper	
153	100		
152	56.8	45.7	68.5
154	22.4	16.4	24.6





#9

Fluorene

Concen: 0.11 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.02 min

Lab File: BE090294.D

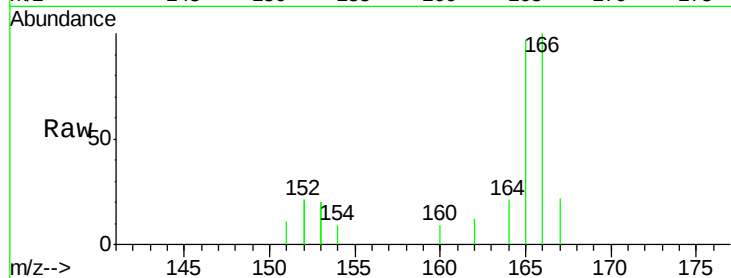
Acq: 30 Jul 2015 12:46

Instrument :

BNA_E

ClientSampleId :

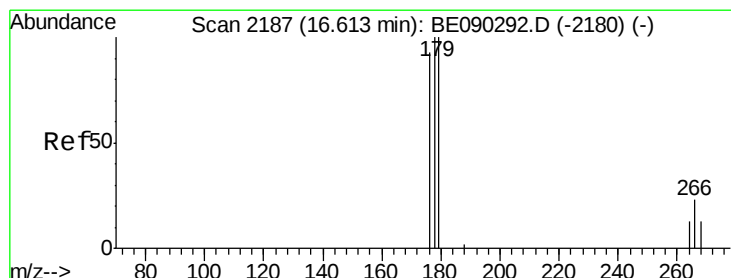
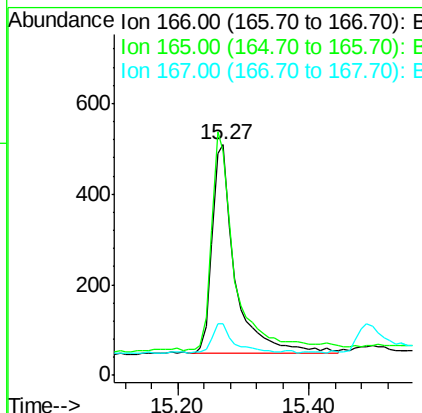
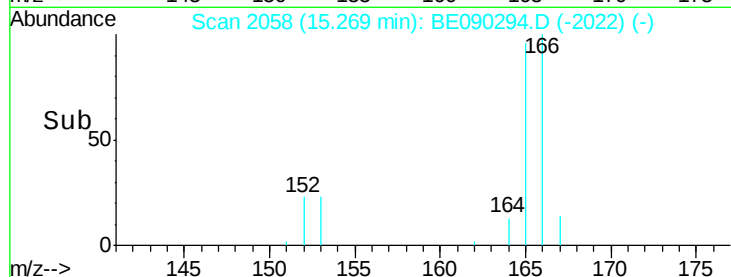
MDL-02-W



Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	80.3	120.5
167	22.2	12.4	18.6

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#11

Pentachlorophenol

Concen: 0.20 ng/ul

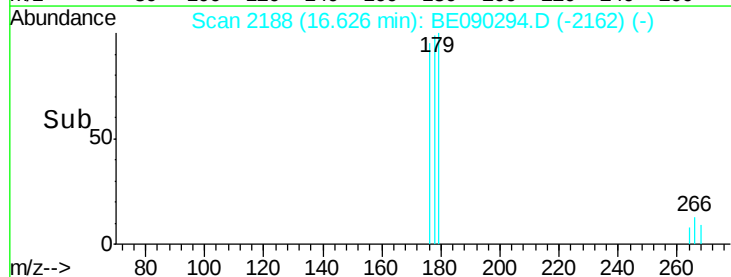
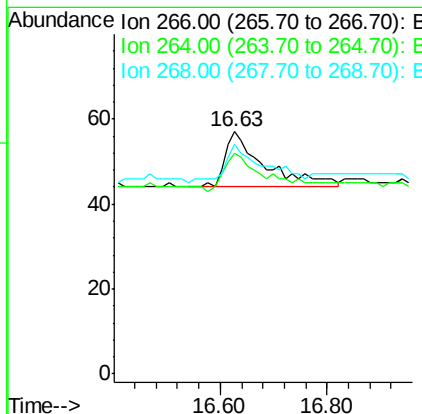
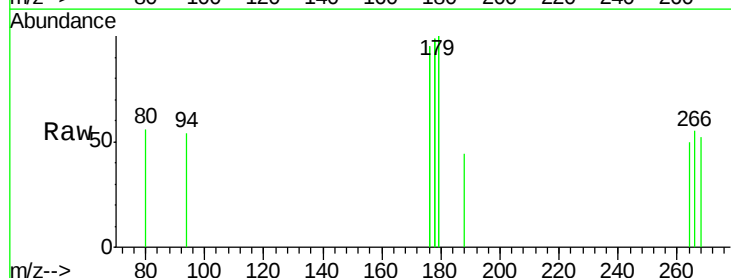
RT: 16.63 min Scan# 2188

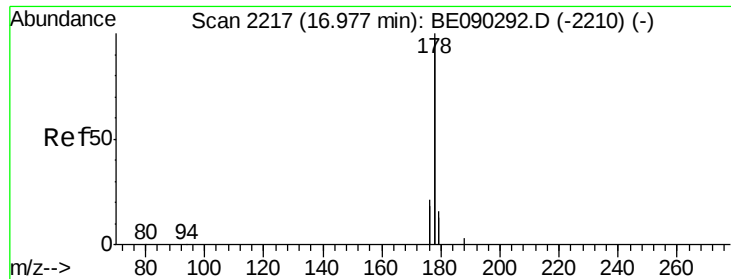
Delta R.T. 0.01 min

Lab File: BE090294.D

Acq: 30 Jul 2015 12:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.6	43.4	65.0
268	68.7	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: BE090294.D

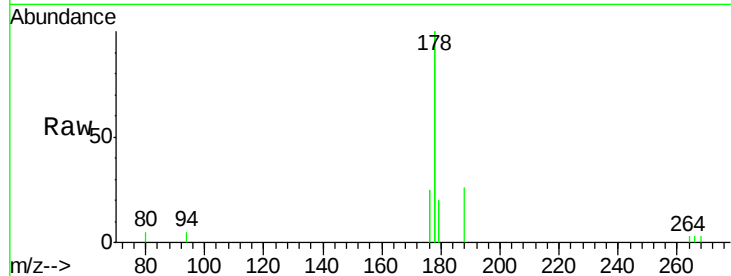
Acq: 30 Jul 2015 12:46

Instrument :

BNA_E

ClientSampleId :

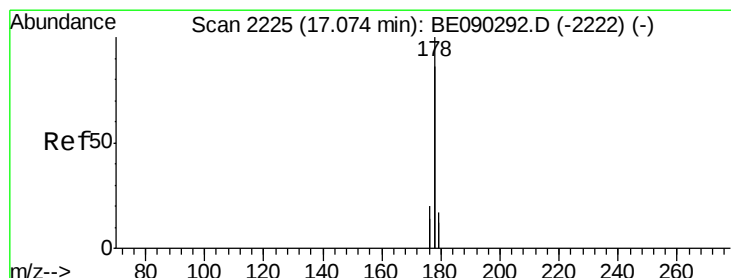
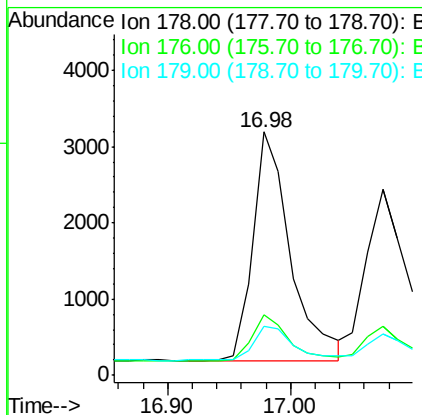
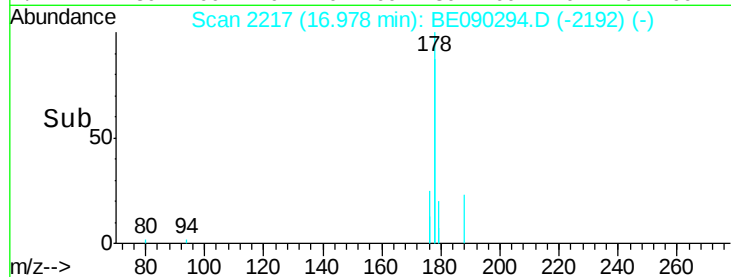
MDL-02-W



Tgt Ion:	178	Resp:	6401
Ion Ratio	Lower	Upper	
178	100		
176	24.7	17.3	25.9
179	19.9	13.1	19.7#

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#13

Anthracene

Concen: 0.11 ng/ul

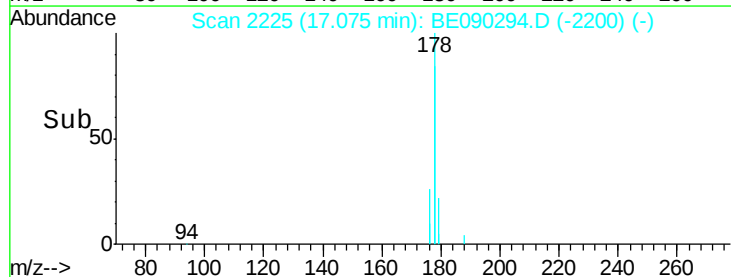
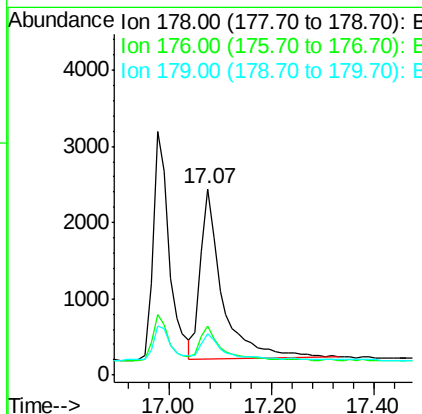
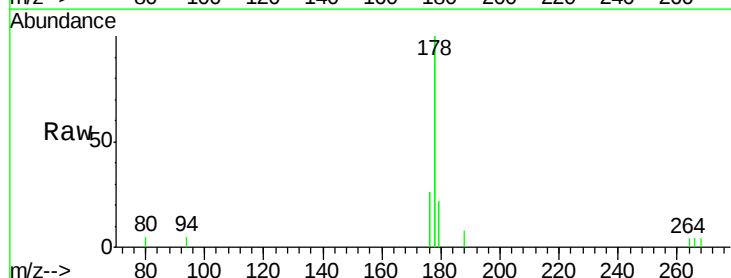
RT: 17.07 min Scan# 2225

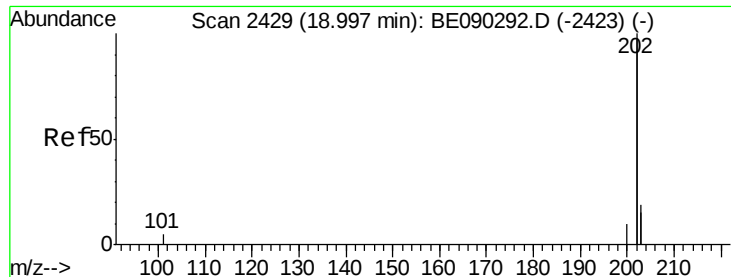
Delta R.T. 0.00 min

Lab File: BE090294.D

Acq: 30 Jul 2015 12:46

Tgt Ion:	178	Resp:	6520
Ion Ratio	Lower	Upper	
178	100		
176	26.0	16.4	24.6#
179	22.2	13.9	20.9#





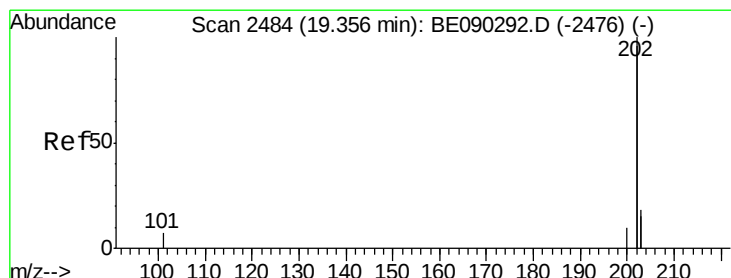
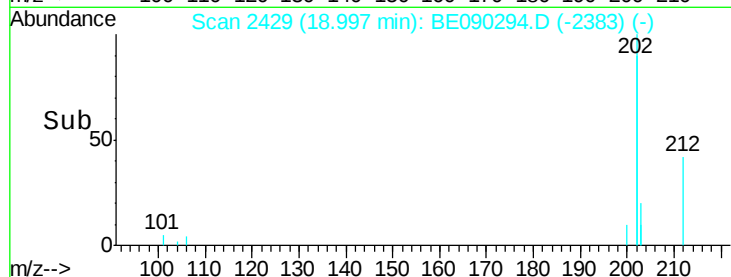
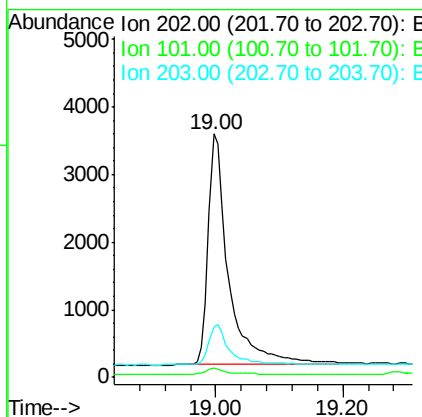
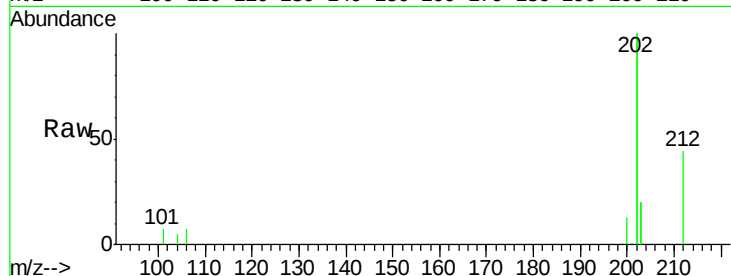
#15
Fluoranthene
Concen: 0.12 ng/ul
RT: 19.00 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Instrument :
BNA_E
ClientSampleId :
MDL-02-W

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	22.9
203	20.5	0.0	39.0

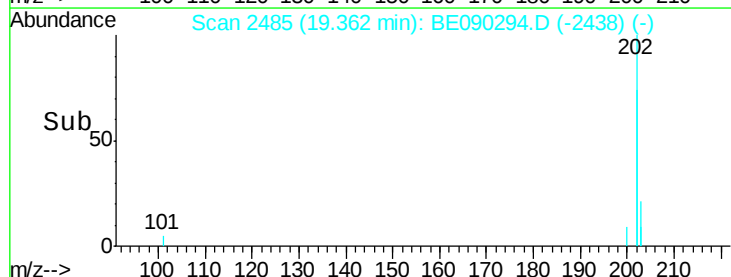
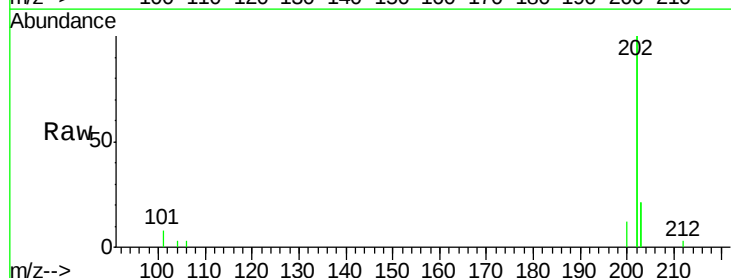
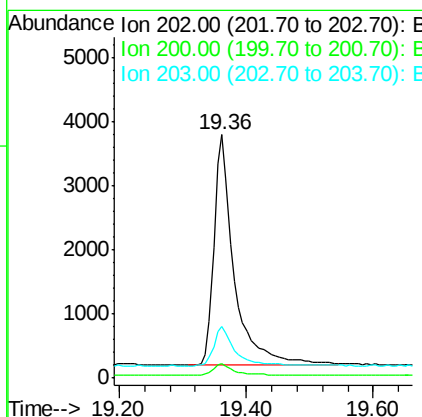
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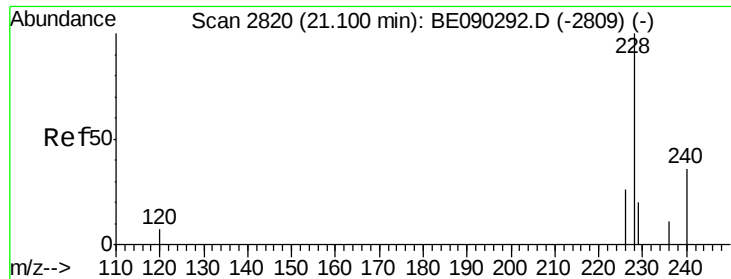
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#17
Pyrene
Concen: 0.15 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.0	4.5	6.7
203	21.1	14.4	21.6





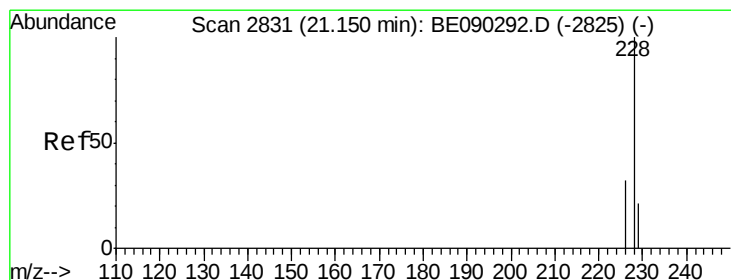
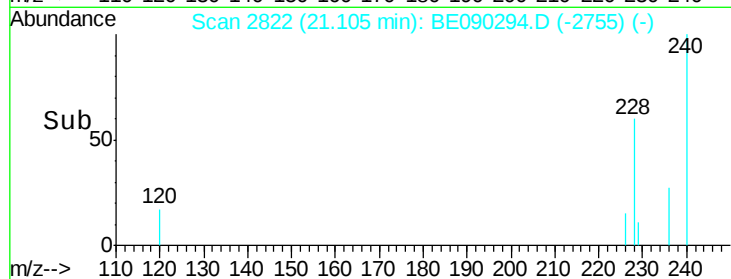
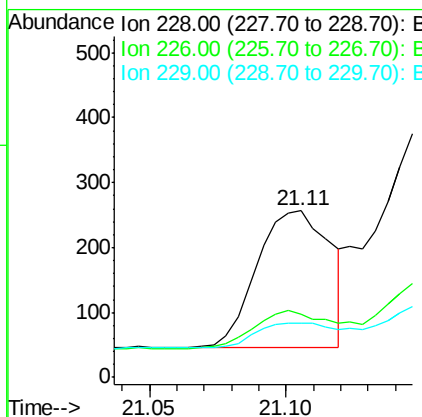
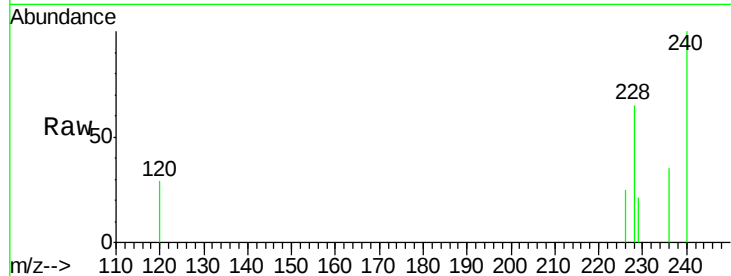
#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.11 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Instrument :
BNA_E
ClientSampleId :
MDL-02-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.7	24.6	36.8#
229	32.3	17.9	26.9#

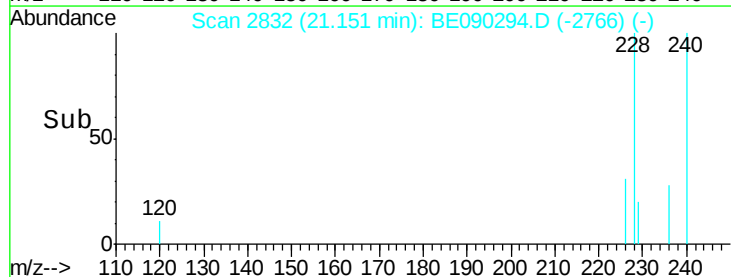
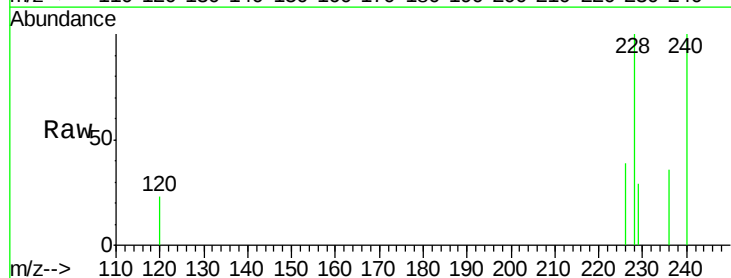
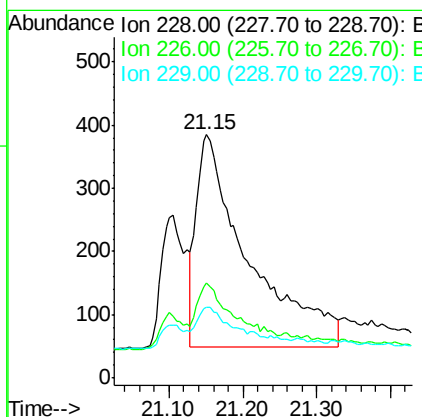
Manual Integrations
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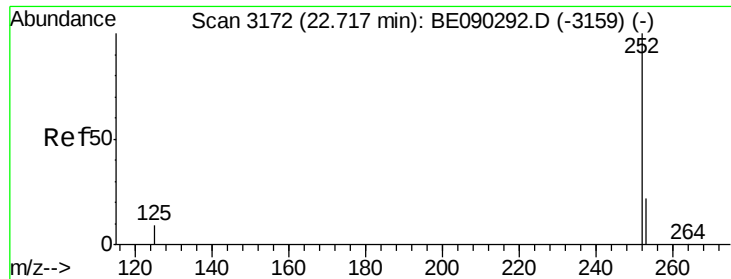
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#19
Chrysene
Concen: 0.13 ng/ul m
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.2	25.0	37.4#
229	29.1	16.6	24.8#





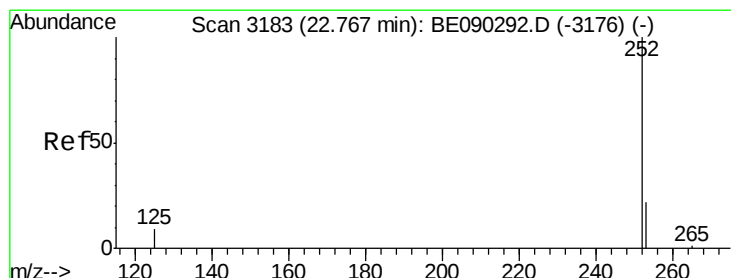
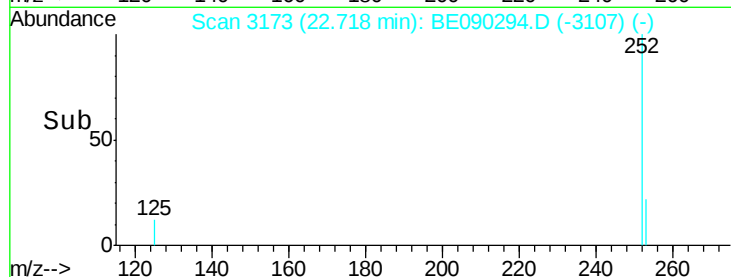
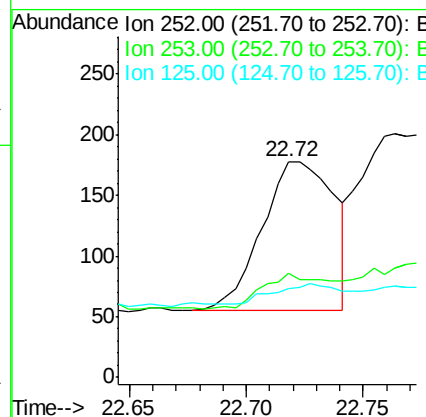
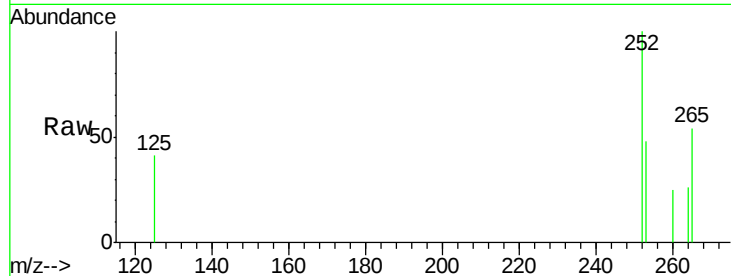
#21
Benzo(b)fluoranthene
Concen: 0.11 ng/uI
RT: 22.72 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Instrument :
BNA_E
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MDL-02-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.3	0.0	57.2
125	41.0	0.0	34.6#

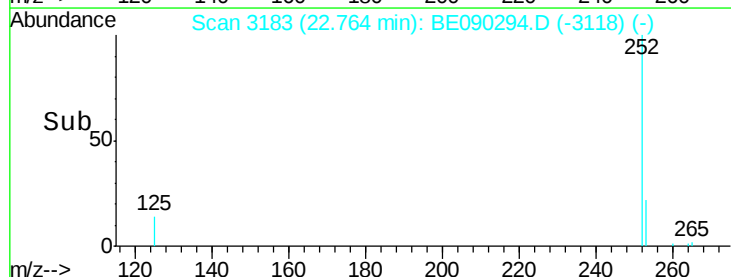
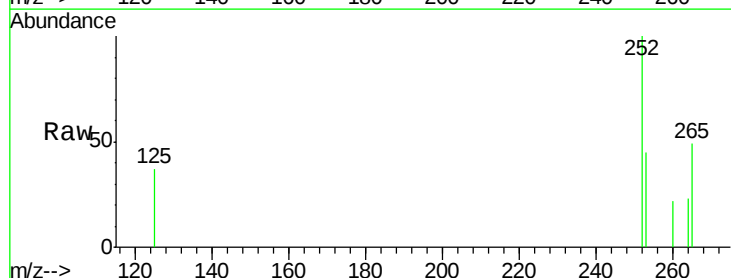
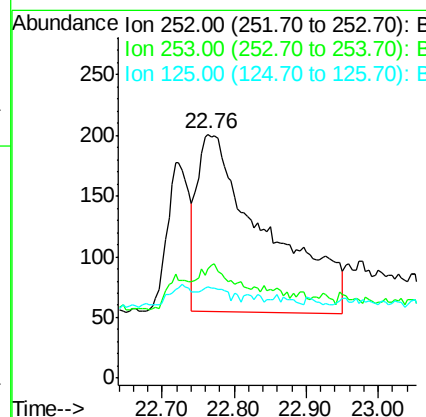
Manual Integrations
APPROVED

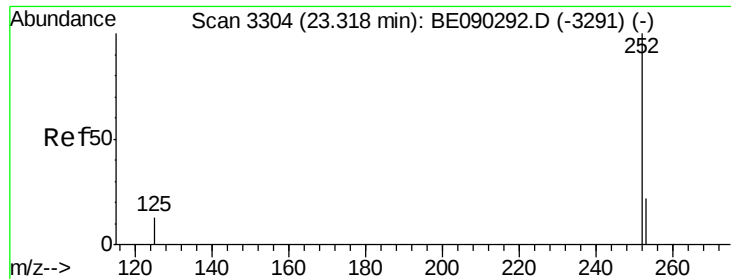
MMDadoda
7/31/2015 3:07:14 PM



#22
Benzo(k)fluoranthene
Concen: 0.13 ng/uI m
RT: 22.76 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.8	21.3	31.9#
125	37.3	13.3	19.9#





#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.32 min Scan# 3306

Delta R.T. 0.01 min

Lab File: BE090294.D

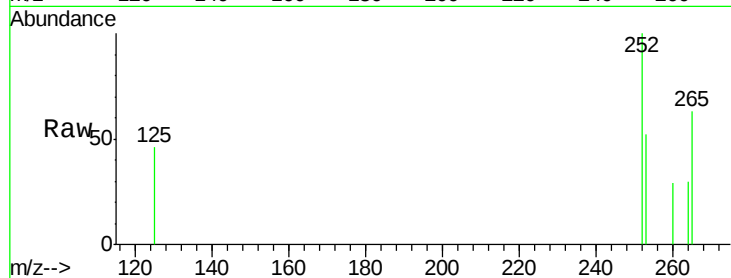
Acq: 30 Jul 2015 12:46

Instrument :

BNA_E

ClientSampleId :

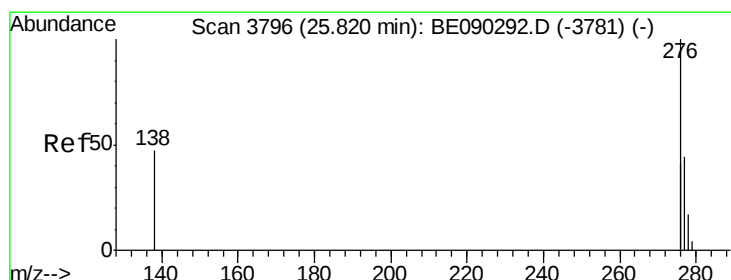
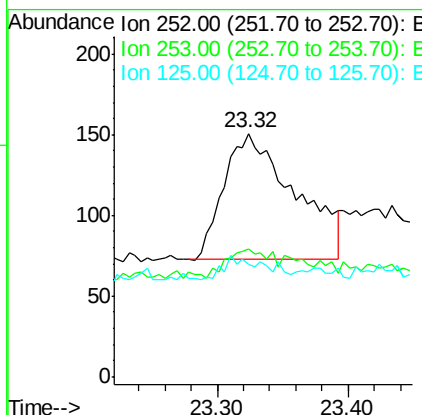
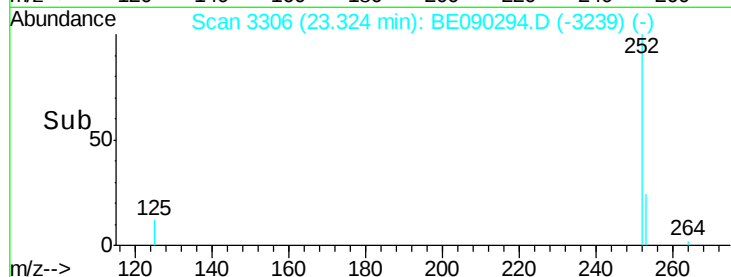
MDL-02-W



Tgt Ion:	252	Resp:	292
Ion Ratio	Lower	Upper	
252	100		
253	52.3	24.9	37.3#
125	46.4	17.5	26.3#

Manual Integrations
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7/31/2015 3:07:14 PM



#24

Indeno(1,2,3-cd)pyrene

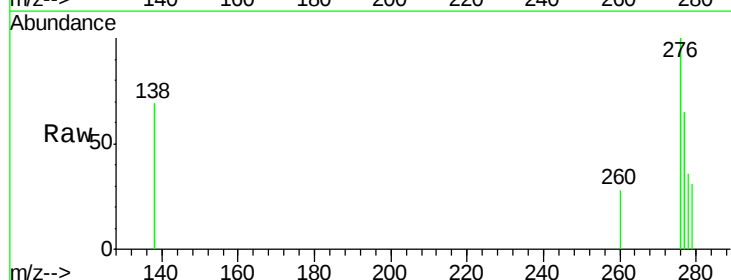
Concen: 0.08 ng/ul

RT: 25.82 min Scan# 3797

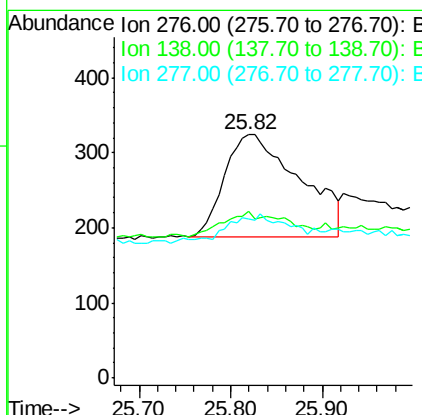
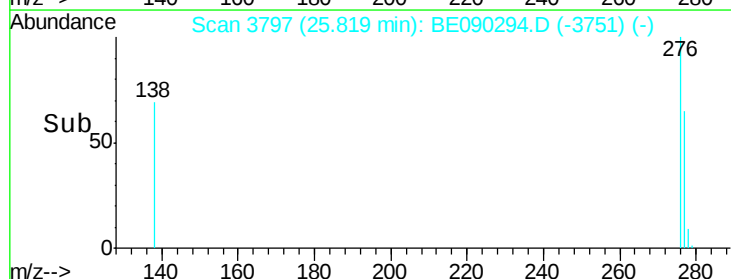
Delta R.T. -0.00 min

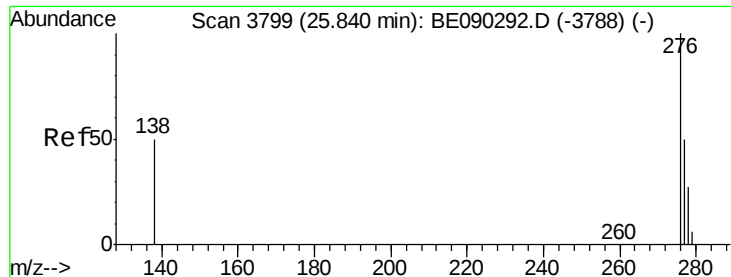
Lab File: BE090294.D

Acq: 30 Jul 2015 12:46



Tgt Ion:	276	Resp:	779
Ion Ratio	Lower	Upper	
276	100		
138	11.7	13.5	20.3#
277	22.2	16.4	24.6





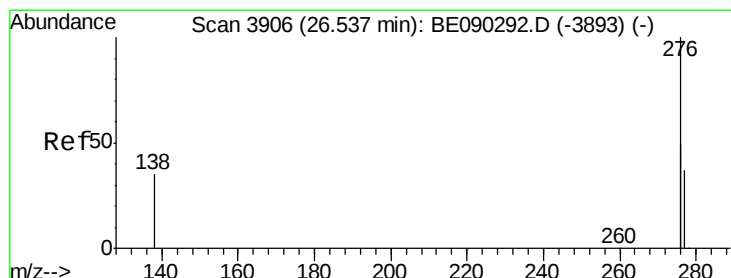
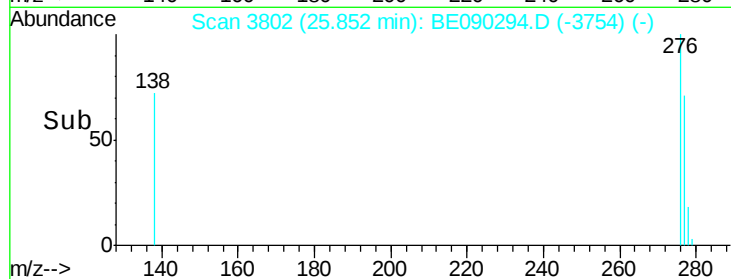
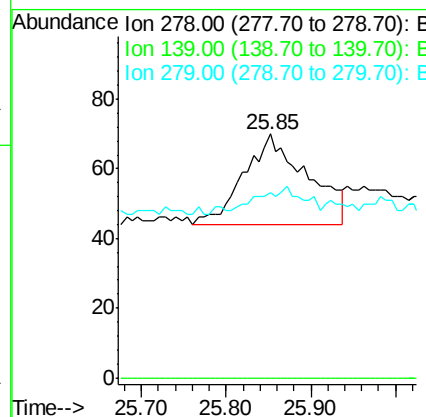
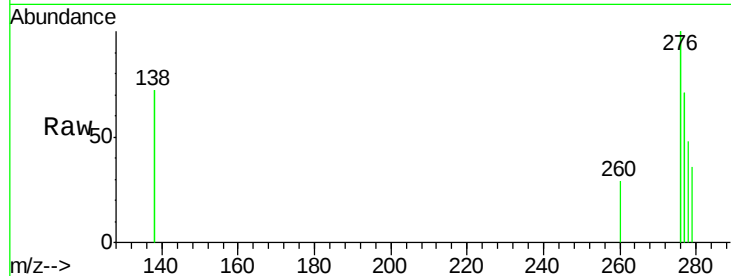
#25
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 25.85 min Scan# 3802
Delta R.T. 0.01 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Instrument :
BNA_E
ClientSampleId :
MDL-02-W

Tgt Ion: 278 Resp: 135
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 75.7 37.4 56.0#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.56 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BE090294.D
Acq: 30 Jul 2015 12:46

Tgt Ion: 276 Resp: 1297
Ion Ratio Lower Upper
276 100
277 57.2 25.5 38.3#
138 56.3 23.9 35.9#

