

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
 Data File : BE090299.D
 Acq On : 30 Jul 2015 15:48
 Operator : TP/IZ
 Sample : MDL-07-W
 Misc : MDL-SIM2.2-WATER-0.15PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-07-W

Manual Integrations
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 7/31/2015 3:07:46 PM

Quant Time: Jul 31 06:42:50 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	920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3704	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2174	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	4771	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	2791	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1648	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2470	0.43	ng/ul	0.01
14) Fluoranthene-d10	18.97	212	5319	0.40	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.41	128	1211	0.12	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	743	0.12	ng/ul	96
7) Acenaphthylene	13.93	152	5623	0.12	ng/ul#	92
8) Acenaphthene	14.27	153	4053	0.12	ng/ul	98
9) Fluorene	15.27	166	1043	0.12	ng/ul#	96
11) Pentachlorophenol	16.62	266	49	0.16	ng/ul#	89
12) Phenanthrene	16.99	178	6002	0.12	ng/ul#	92
13) Anthracene	17.07	178	6224	0.12	ng/ul#	87
15) Fluoranthene	19.00	202	7218	0.12	ng/ul	95
17) Pyrene	19.36	202	7383	0.14	ng/ul#	91
18) Benzo(a)anthracene	21.10	228	444	0.11	ng/ul#	78
19) Chrysene	21.15	228	1647m	0.14	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	229	0.09	ng/ul#	54
22) Benzo(k)fluoranthene	22.77	252	917m	0.12	ng/ul	
23) Benzo(a)pyrene	23.33	252	441m	0.13	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.81	276	674	0.06	ng/ul#	81
25) Dibenzo(a,h)anthracene	25.85	278	133m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.56	276	1405	0.10	ng/ul#	50

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

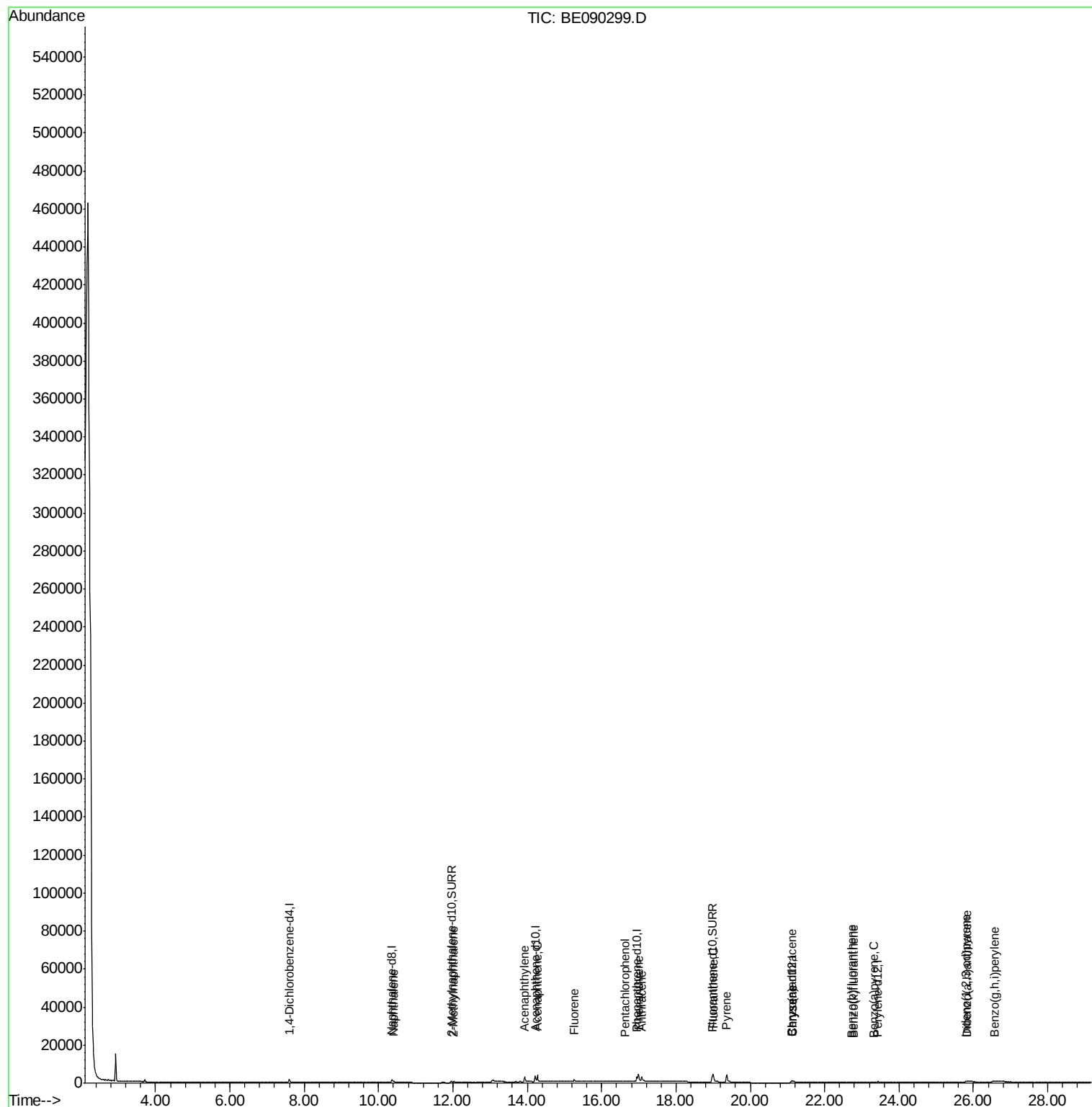
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE073015\
Data File : BE090299.D
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Misc : MDL-SIM2.2-WATER-0.15PPM
ALS Vial : 9 Sample Multiplier: 1

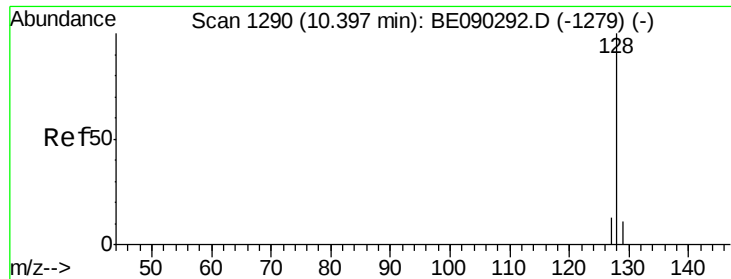
Instrument :
BNA_E
ClientSampleId :
MDL-07-W

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Quant Time: Jul 31 06:42:50 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: 0.12 ng/ul

RT: 10.41 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BE090299.D

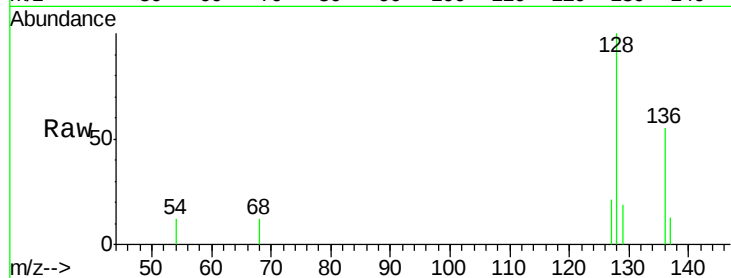
Acq: 30 Jul 2015 15:48

Instrument :

BNA_E

ClientSampleId :

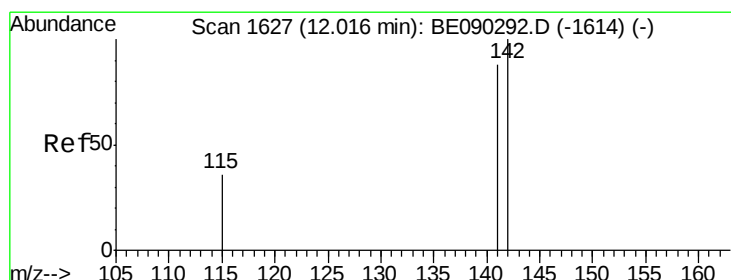
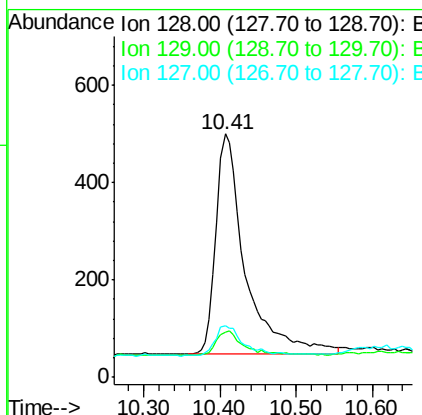
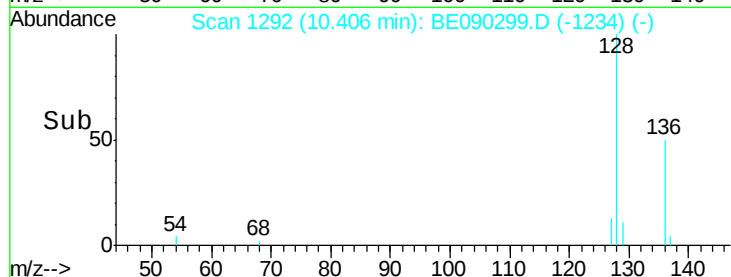
MDL-07-W



Tgt Ion:	128	Resp:	1211
Ion Ratio	Lower	Upper	
128	100		
129	18.8	10.4	15.6#
127	21.0	12.1	18.1#

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#5

2-Methylnaphthalene

Concen: 0.12 ng/ul

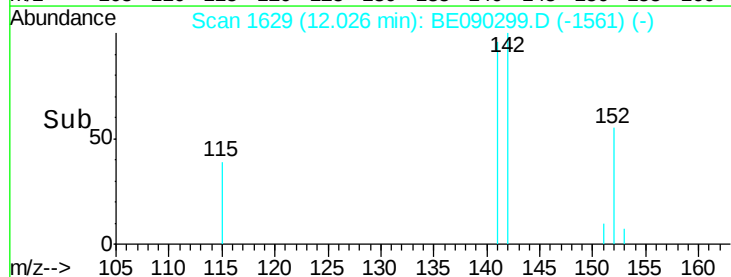
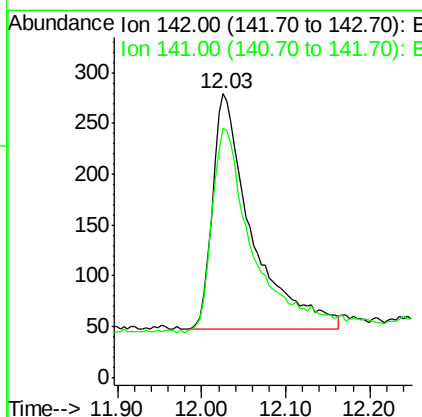
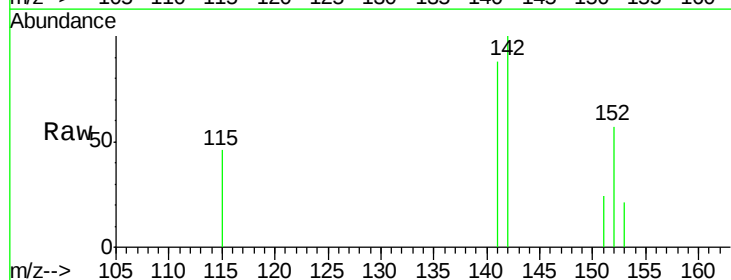
RT: 12.03 min Scan# 1629

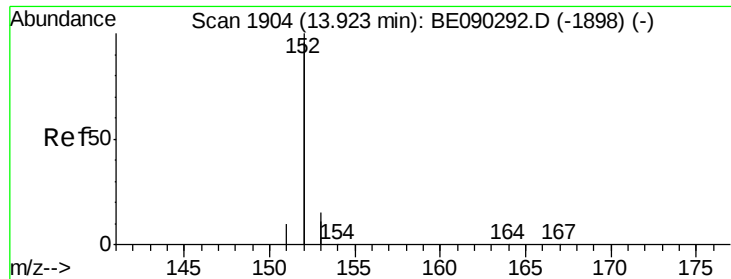
Delta R.T. 0.01 min

Lab File: BE090299.D

Acq: 30 Jul 2015 15:48

Tgt Ion:	142	Resp:	743
Ion Ratio	Lower	Upper	
142	100		
141	87.6	73.0	109.4





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BE090299.D

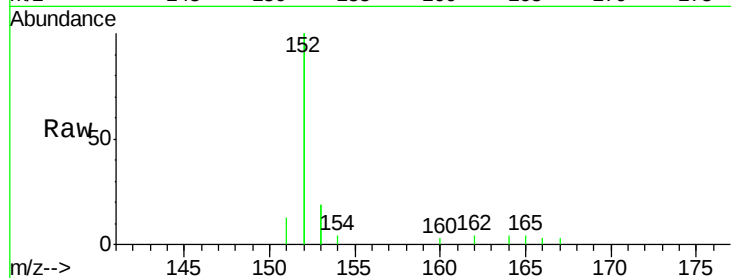
Acq: 30 Jul 2015 15:48

Instrument :

BNA_E

ClientSampleId :

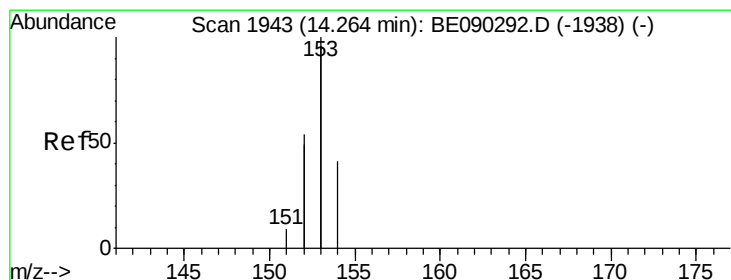
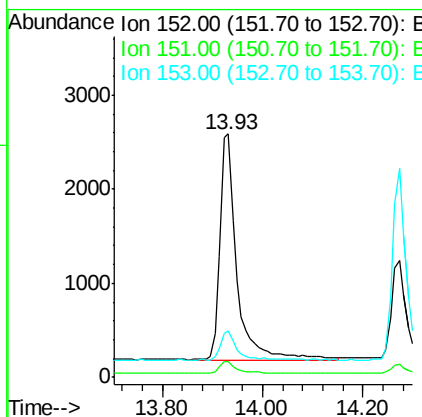
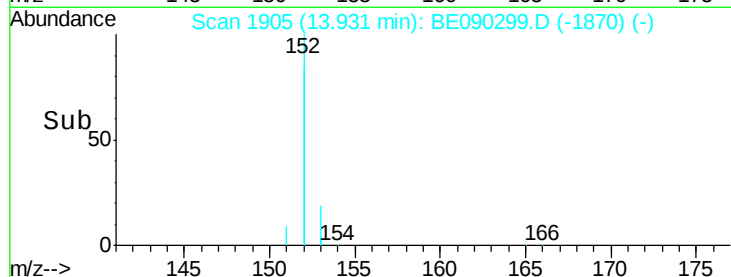
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	6.3	4.3	6.5
153	18.8	11.9	17.9

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#8

Acenaphthene

Concen: 0.12 ng/ul

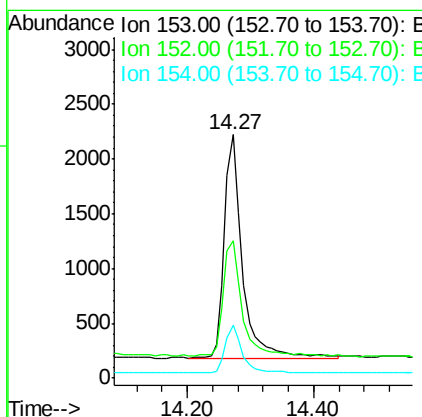
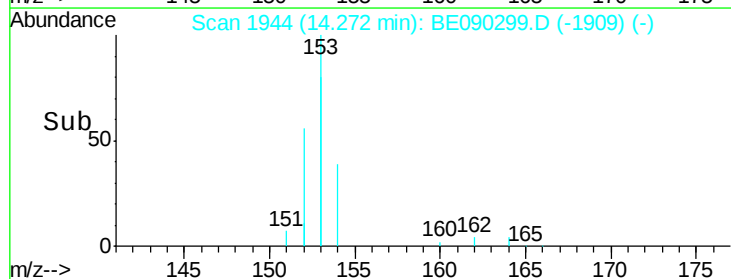
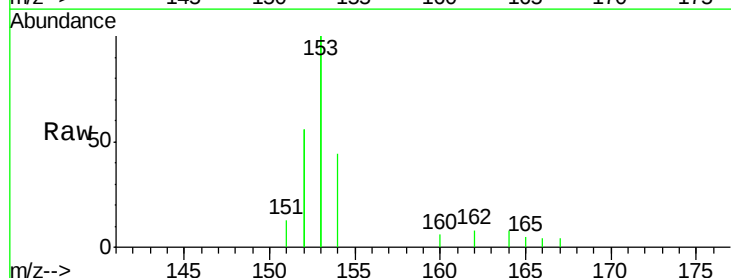
RT: 14.27 min Scan# 1944

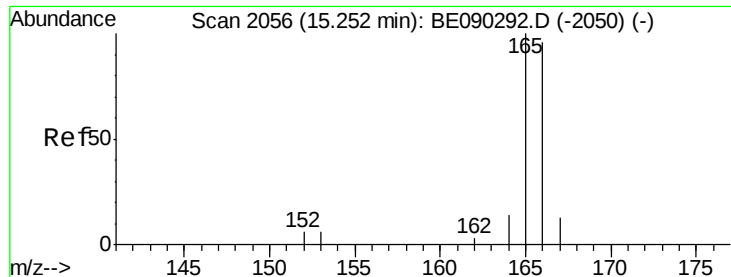
Delta R.T. 0.01 min

Lab File: BE090299.D

Acq: 30 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.3	45.7	68.5
154	21.8	16.4	24.6





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.27 min Scan# 2058

Delta R.T. 0.02 min

Lab File: BE090299.D

Acq: 30 Jul 2015 15:48

Instrument :

BNA_E

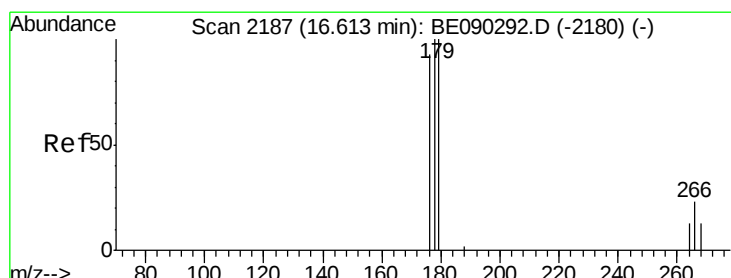
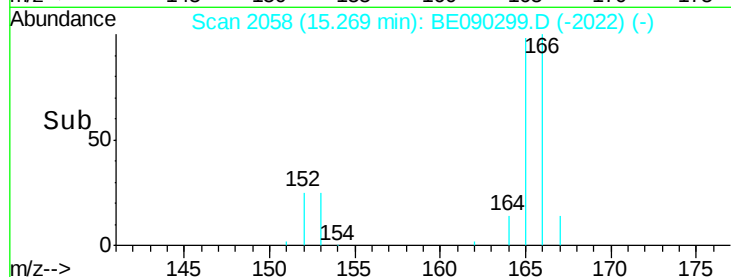
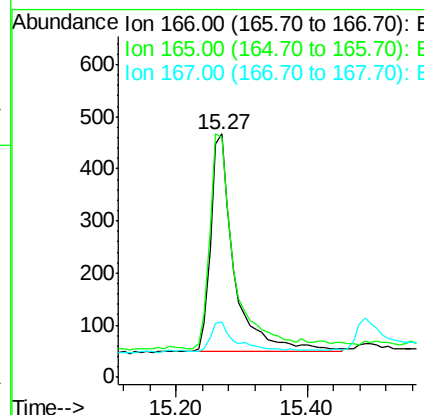
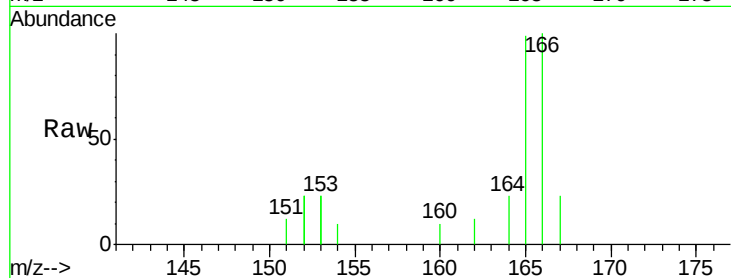
ClientSampleId :

MDL-07-W

Tgt Ion:	166	Resp:	1043
Ion Ratio	Lower	Upper	
166	100		
165	98.7	80.3	120.5
167	22.9	12.4	18.6

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#11

Pentachlorophenol

Concen: 0.16 ng/ul

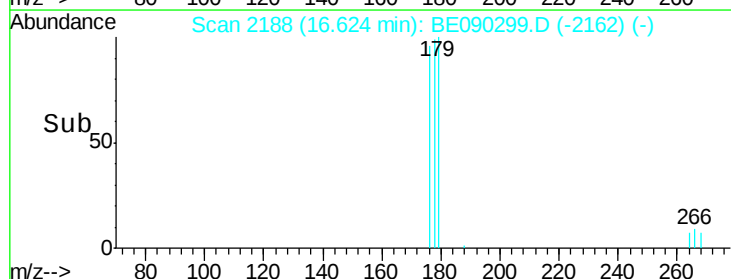
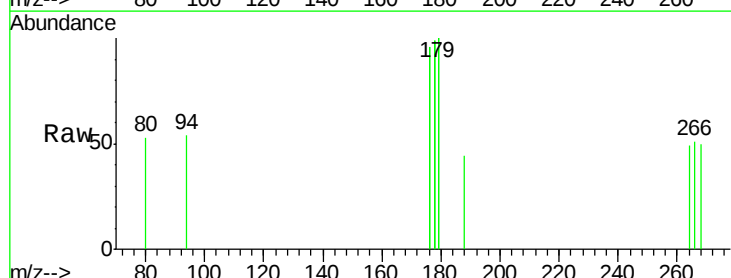
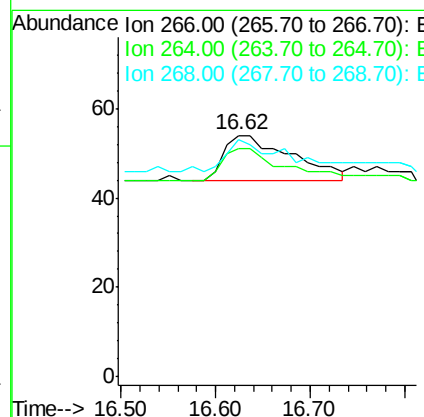
RT: 16.62 min Scan# 2188

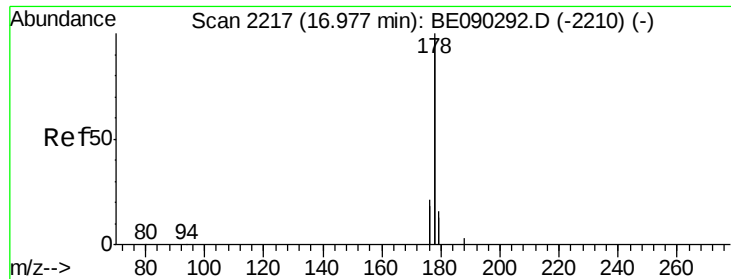
Delta R.T. 0.01 min

Lab File: BE090299.D

Acq: 30 Jul 2015 15:48

Tgt Ion:	266	Resp:	49
Ion Ratio	Lower	Upper	
266	100		
264	65.3	43.4	65.0
268	61.2	44.6	66.8





#12

Phenanthrene

Concen: 0.12 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BE090299.D

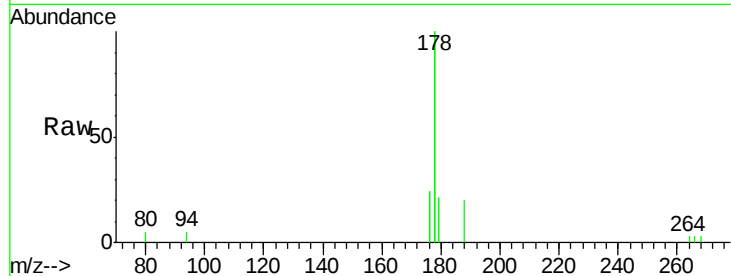
Acq: 30 Jul 2015 15:48

Instrument :

BNA_E

ClientSampleId :

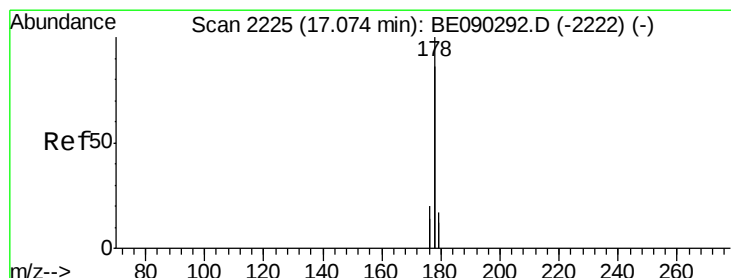
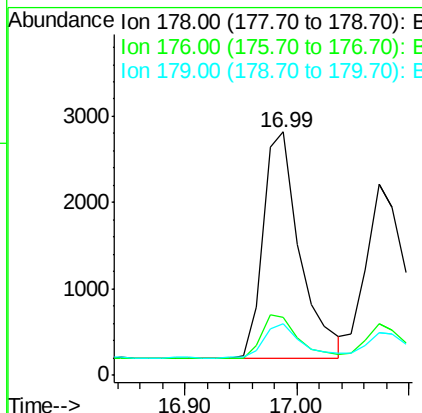
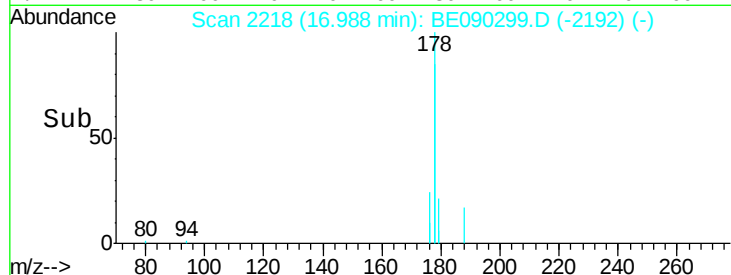
MDL-07-W



Tgt Ion:	178	Resp:	6002
Ion Ratio	Lower	Upper	
178	100		
176	23.8	17.3	25.9
179	21.2	13.1	19.7#

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#13

Anthracene

Concen: 0.12 ng/ul

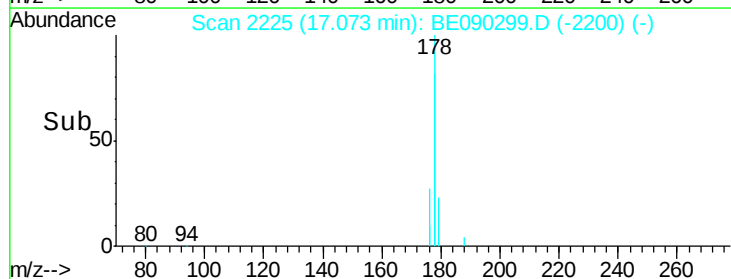
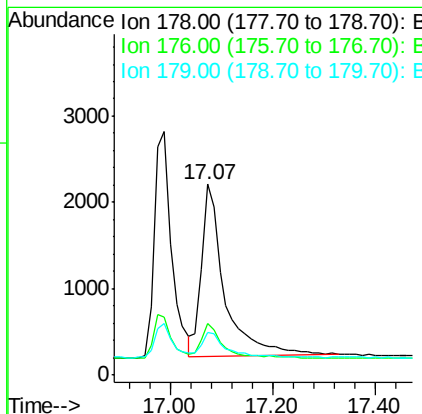
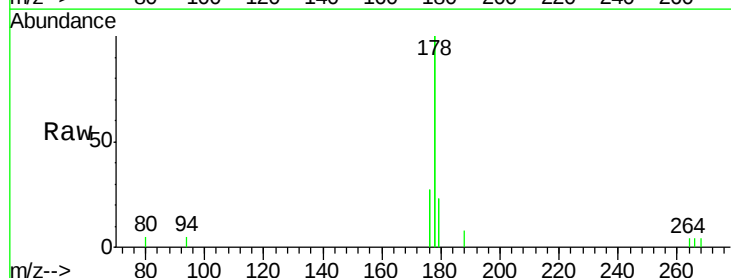
RT: 17.07 min Scan# 2225

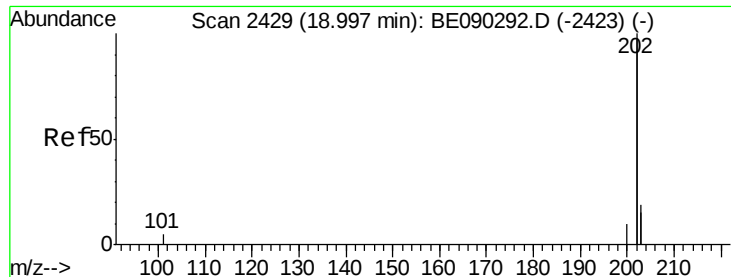
Delta R.T. -0.00 min

Lab File: BE090299.D

Acq: 30 Jul 2015 15:48

Tgt Ion:	178	Resp:	6224
Ion Ratio	Lower	Upper	
178	100		
176	27.1	16.4	24.6#
179	22.6	13.9	20.9#





#15

Fluoranthene

Concen: 0.12 ng/ul

RT: 19.00 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BE090299.D

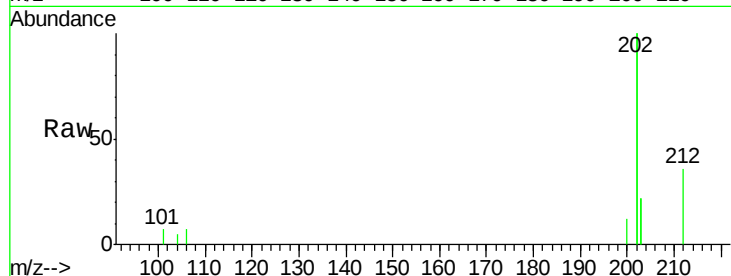
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Instrument :

BNA_E

ClientSampleId :

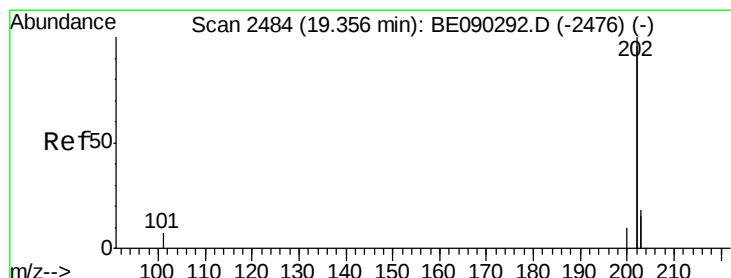
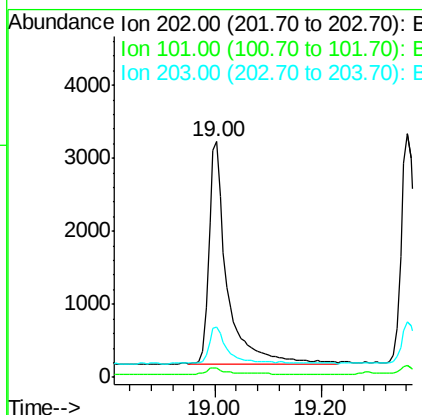
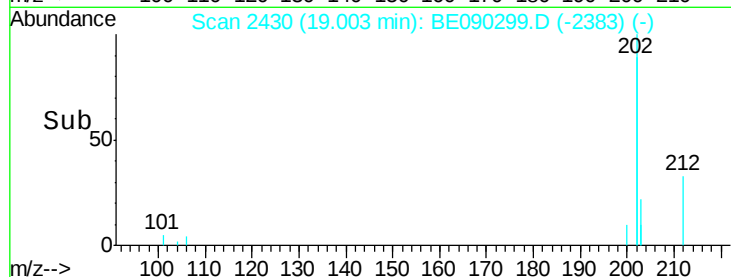
MDL-07-W



Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	22.9
203	21.7	0.0	39.0

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#17

Pyrene

Concen: 0.14 ng/ul

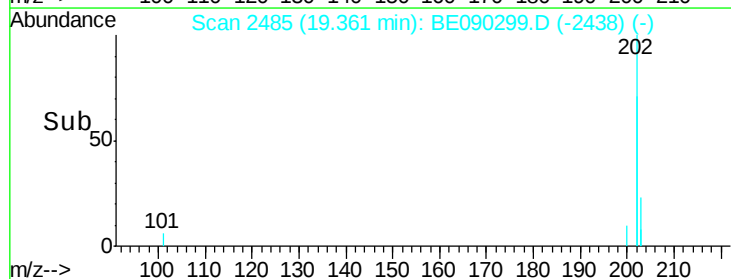
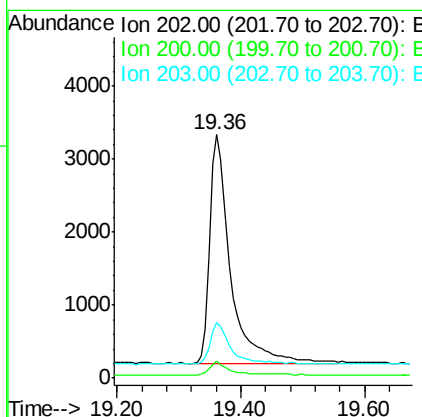
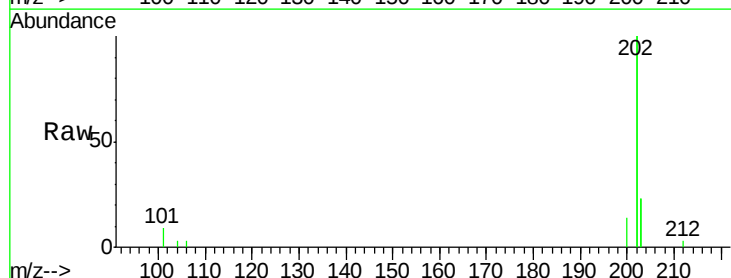
RT: 19.36 min Scan# 2485

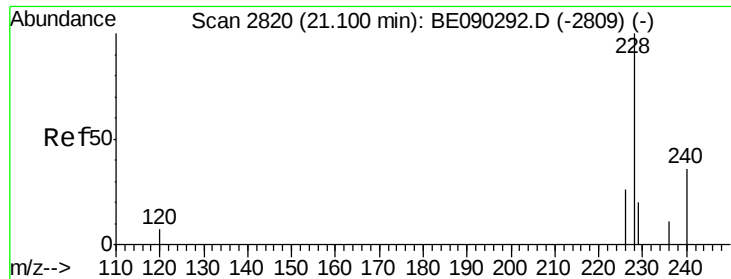
Delta R.T. 0.01 min

Lab File: BE090299.D

Acq: 30 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	6.8	4.5	6.7#
203	22.7	14.4	21.6#





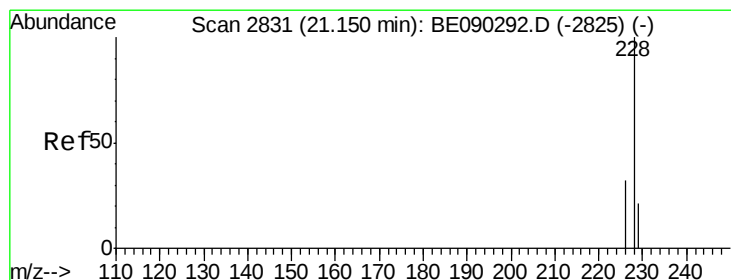
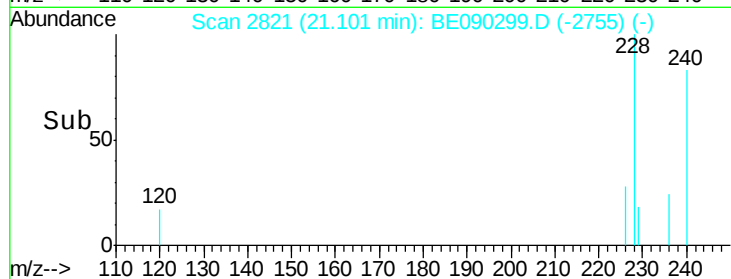
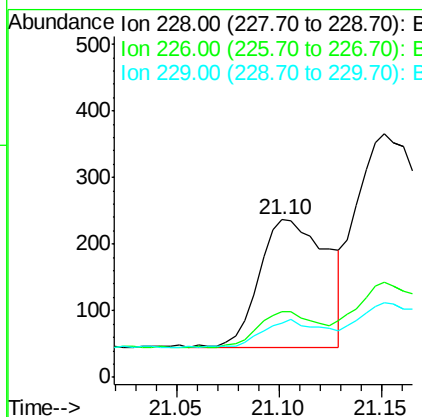
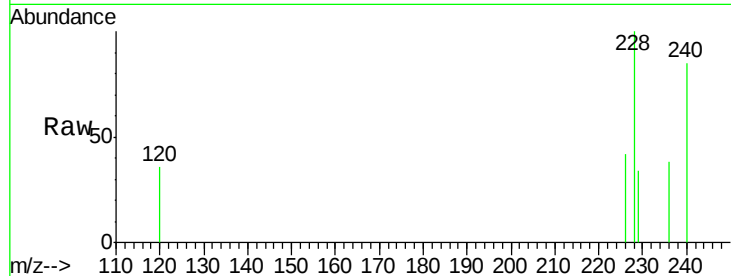
#18
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090299.D
Acq: 30 Jul 2015 15:48

Instrument :
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ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.8	24.6	36.8#
229	34.2	17.9	26.9#

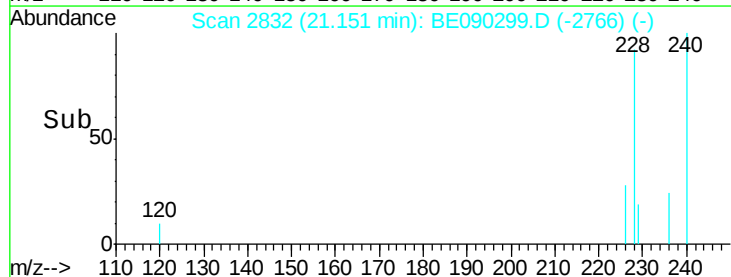
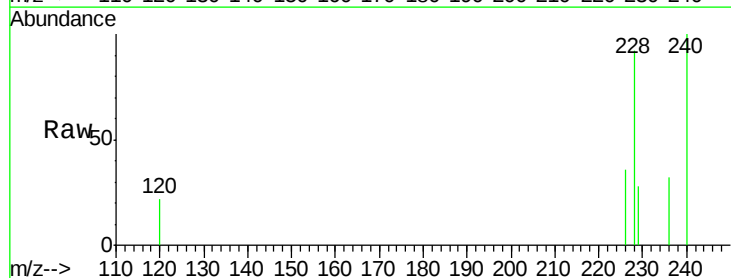
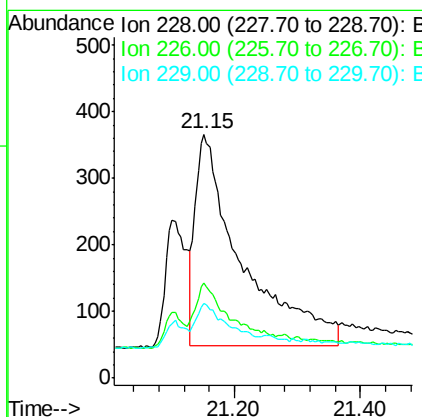
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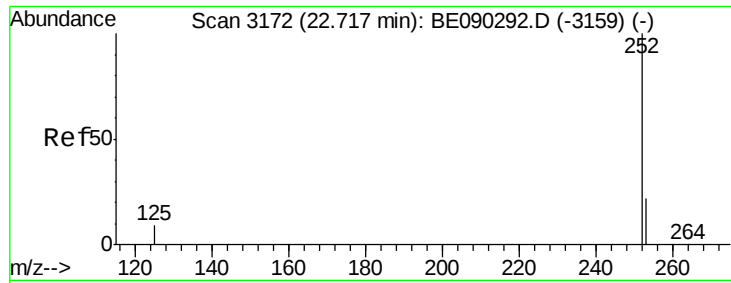
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#19
Chrysene
Concen: 0.14 ng/ul m
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090299.D
Acq: 30 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.1	25.0	37.4#
229	30.6	16.6	24.8#





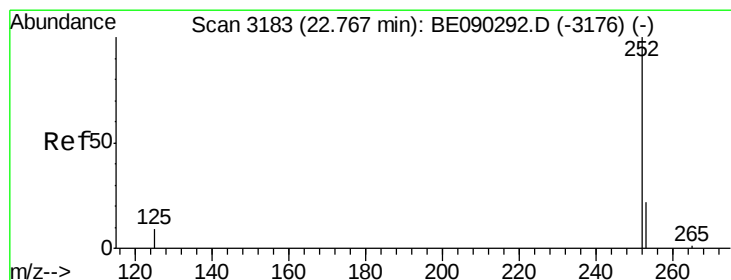
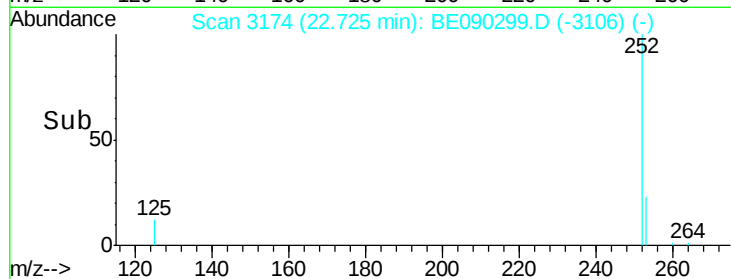
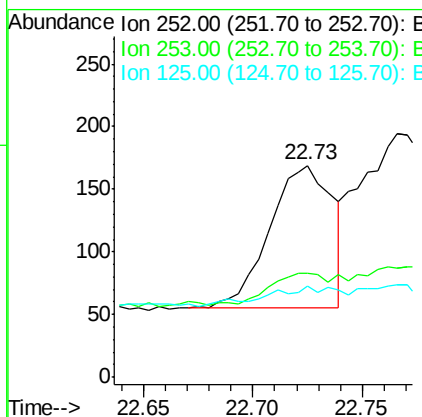
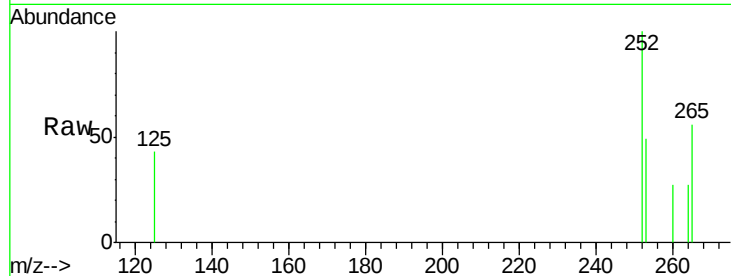
#21
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 22.73 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE090299.D
Acq: 30 Jul 2015 15:48

Instrument :
BNA_E
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.1	0.0	57.2
125	43.2	0.0	34.6

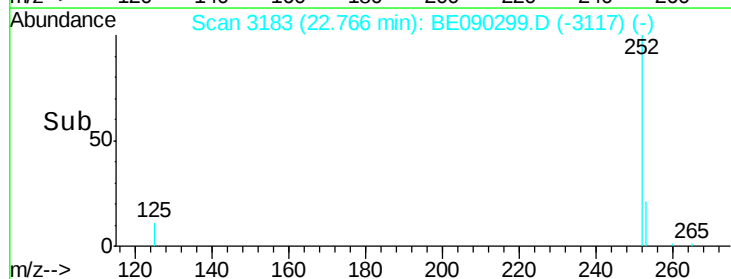
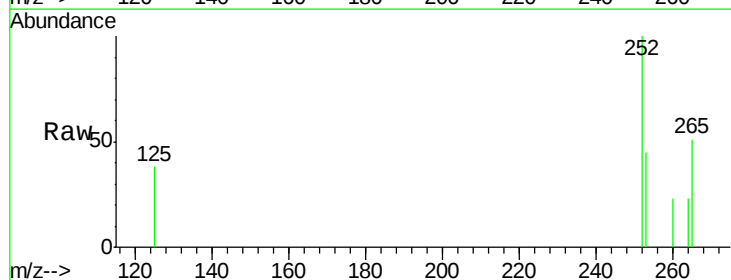
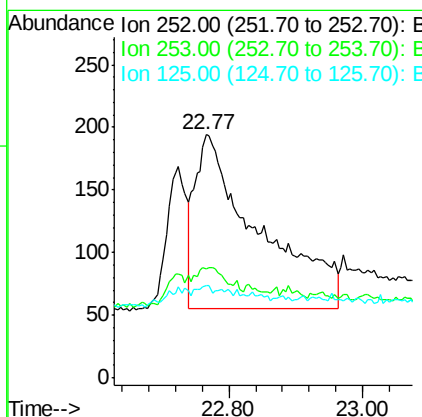
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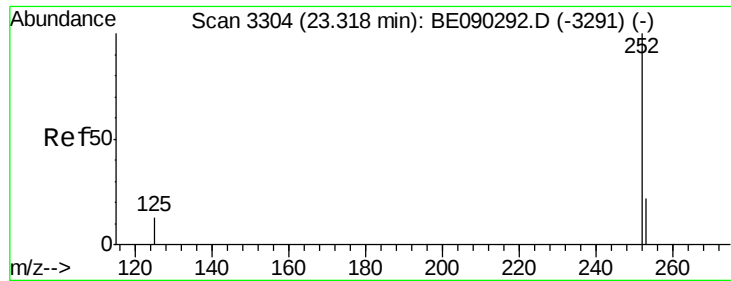
MMDadoda
7/31/2015 3:07:46 PM



#22
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 22.77 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE090299.D
Acq: 30 Jul 2015 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.8	21.3	31.9
125	38.1	13.3	19.9





#23

Benzo(a)pyrene

Concen: 0.13 ng/ul m

RT: 23.33 min Scan# 3306

Delta R.T. 0.01 min

Lab File: BE090299.D

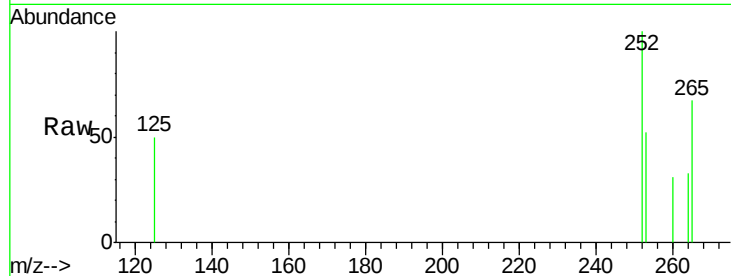
Acq: 30 Jul 2015 15:48

Instrument :

BNA_E

ClientSampleId :

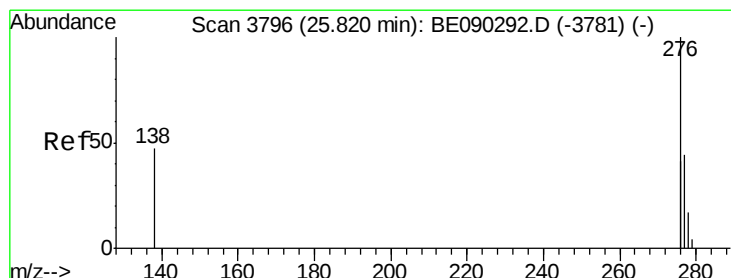
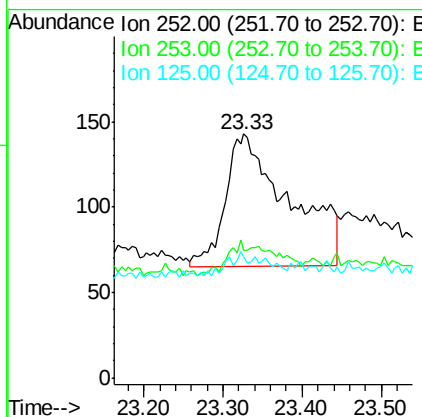
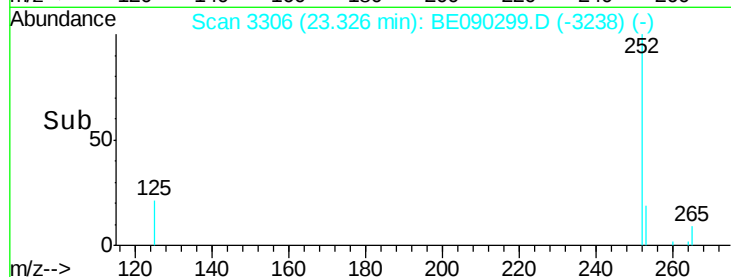
MDL-07-W



Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.4	24.9	37.3#
125	49.7	17.5	26.3#

Manual Integrations
APPROVED

MMDadoda
7/31/2015 3:07:46 PM



#24

Indeno(1,2,3-cd)pyrene

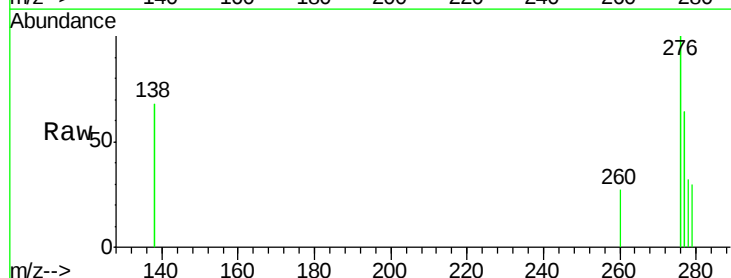
Concen: 0.06 ng/ul

RT: 25.81 min Scan# 3795

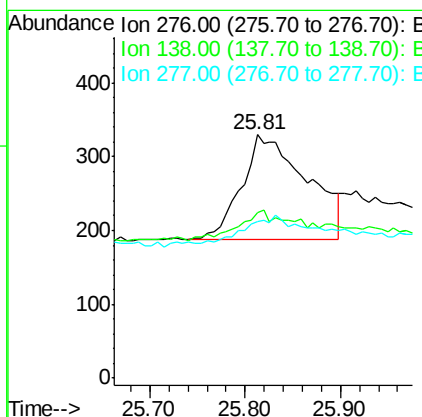
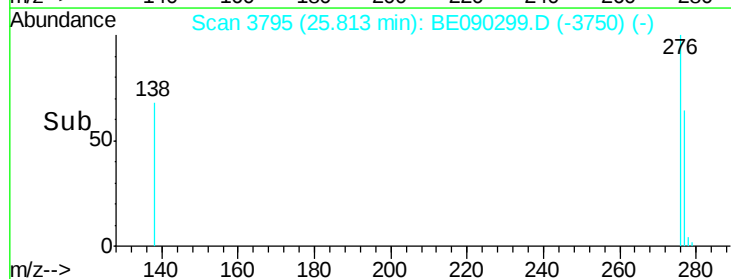
Delta R.T. -0.01 min

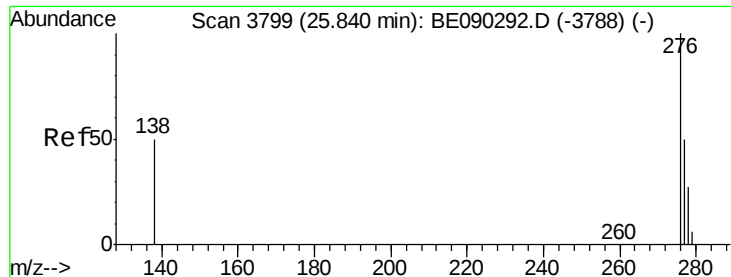
Lab File: BE090299.D

Acq: 30 Jul 2015 15:48



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	13.5	20.3#
277	28.9	16.4	24.6#





#25

Dibenzo(a,h)anthracene

Concen: 0.11 ng/ul m

RT: 25.85 min Scan# 3800

Delta R.T. 0.01 min

Lab File: BE090299.D

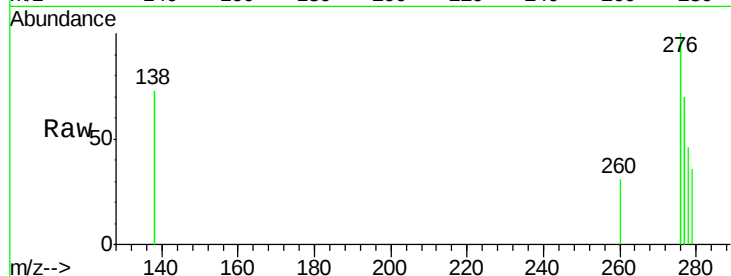
Acq: 30 Jul 2015 15:48

Instrument :

BNA_E

ClientSampleId :

MDL-07-W



Tgt Ion:278 Resp: 133

Ion Ratio Lower Upper

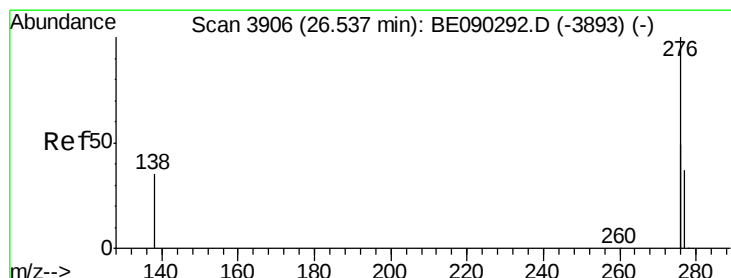
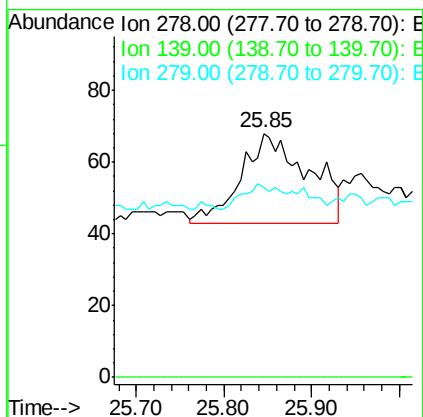
278 100

139 0.0 0.0 0.0

279 77.9 37.4 56.0#

Manual Integrations
APPROVED

MMDadoda
7/31/2015 3:07:46 PM



#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: BE090299.D

Acq: 30 Jul 2015 15:48

Tgt Ion:276 Resp: 1405

Ion Ratio Lower Upper

276 100

277 57.5 25.5 38.3#

138 59.5 23.9 35.9#

