

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092029.D
 Acq On : 23 Jul 2016 5:43
 Operator : UM/SJ
 Sample : PB92309BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BS

Manual Integrations

sohil
 7/25/2016 6:46:35 PM

Quant Time: Jul 25 02:04:35 2016

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 22 15:39:27 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26399	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	124182	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71830	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	160675	5.00	ng	0.00
31) Chrysene-d12	21.76	240	204188	5.00	ng	0.00
40) Perylene-d12	24.15	264	181836	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	41572	8.12	ng	0.00
5) Phenol-d6	7.35	99	57280	6.32	ng	-0.02
9) Nitrobenzene-d5	9.37	82	30017	4.02	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	14464	5.85	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	68529	3.63	ng	-0.01
34) Terphenyl-d14	20.20	244	88971	4.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	9537	2.67	ng	# 84
3) n-Nitrosodimethylamine	3.80	42	16858	3.50	ng	# 79
6) bis(2-Chloroethyl)ether	7.61	93	26091	3.44	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	21372	3.30	ng	# 98
10) Nitrobenzene	9.40	77	30745	3.09	ng	# 99
11) bis(2-Chloroethoxy)methane	10.40	93	33789	3.61	ng	# 18
12) Naphthalene	11.04	128	87482	3.10	ng	98
13) Hexachlorobutadiene	11.34	225	12088	3.00	ng	98
14) 2-Methylnaphthalene	12.66	142	58965	3.33	ng	99
18) Acenaphthylene	14.56	152	435940	3.95	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	69432	3.39	ng	# 10
20) Acenaphthene	14.92	154	54522	2.91	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	92082	3.61	ng	# 1
22) Fluorene	15.90	166	75059	3.36	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	34929	3.15	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	21188	3.17	ng	96
26) Hexachlorobenzene	16.90	284	21723	3.15	ng	98
27) Pentachlorophenol	17.25	266	18520	5.73	ng	91
28) Phenanthrene	17.63	178	132812	3.20	ng	99
29) Anthracene	17.72	178	126398	3.36	ng	100
30) Fluoranthene	19.63	202	576122	3.47	ng	# 89
32) Benzidine	19.83	184	4515	0.62	ng	# 93
33) Pyrene	19.99	202	685125	4.62	ng	# 80
35) Benzo(a)anthracene	21.73	228	238598m	5.19	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	32519	3.12	ng	# 73
37) Chrysene	21.78	228	204252m	3.64	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	383754	9.54	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	711797	4.62	ng	98
41) Benzo(b)fluoranthene	23.41	252	159349	3.34	ng	98
42) Benzo(k)fluoranthene	23.46	252	169597	3.49	ng	94
43) Benzo(a)pyrene	24.05	252	152159	3.43	ng	97
44) Dibenzo(a,h)anthracene	26.68	278	147068	3.71	ng	97
45) Benzo(g,h,i)perylene	27.43	276	596884	3.68	ng	97

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Manual Integrations

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7/25/2016 6:46:35 PM

Quant Time: Jul 25 02:04:35 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

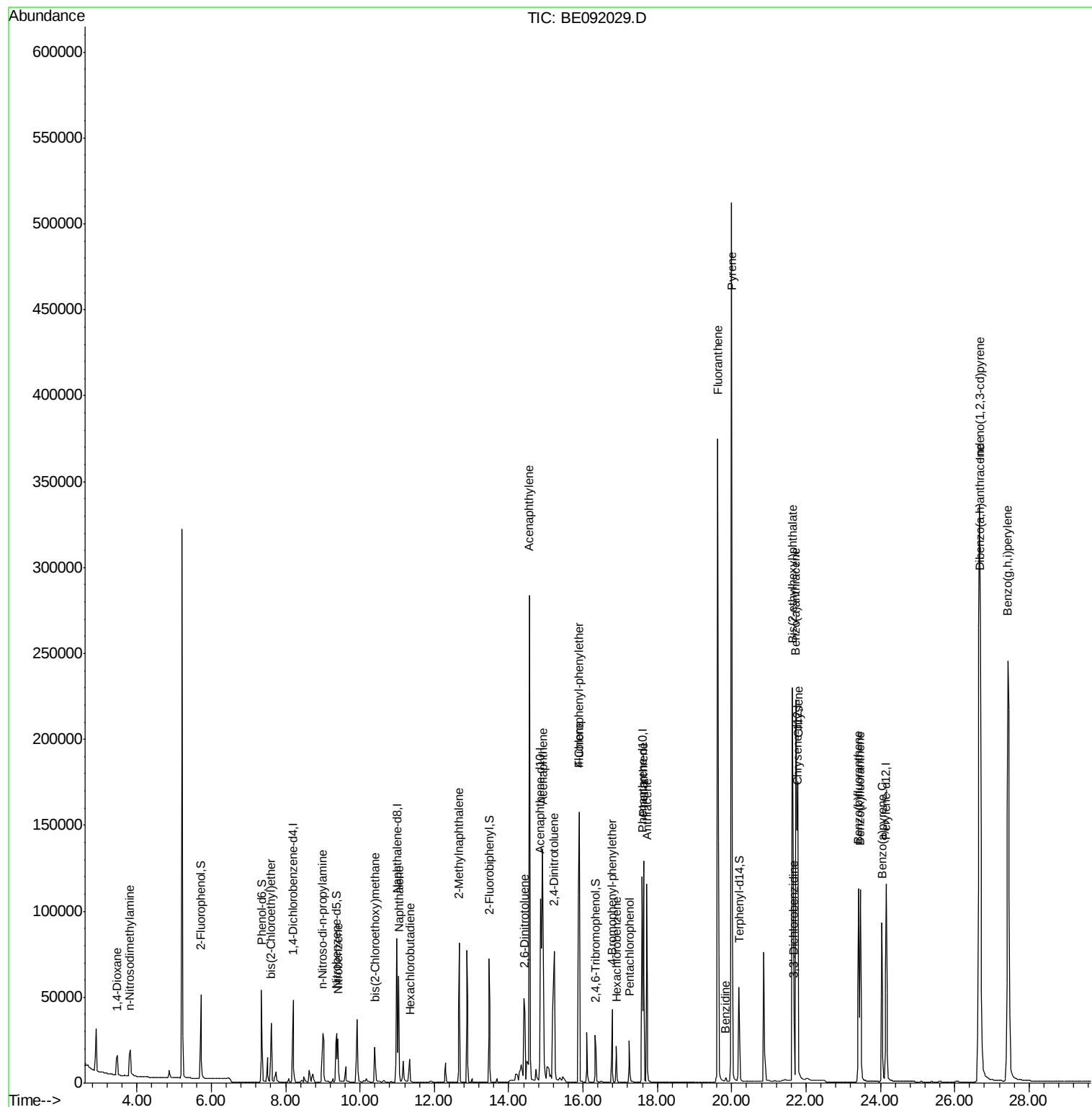
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
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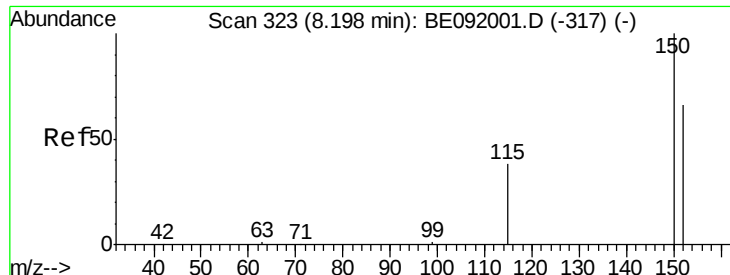
Instrument :
BNA_E
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE092029.D

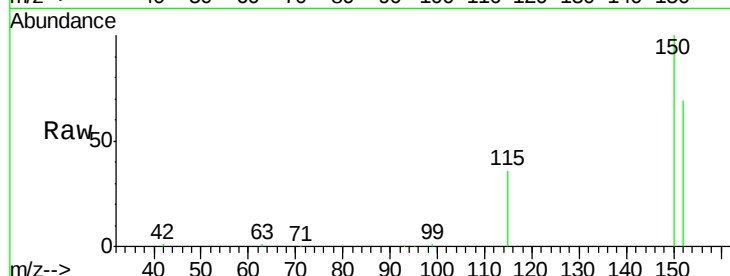
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS



Tgt Ion:152 Resp: 26399

Ion Ratio Lower Upper

152 100

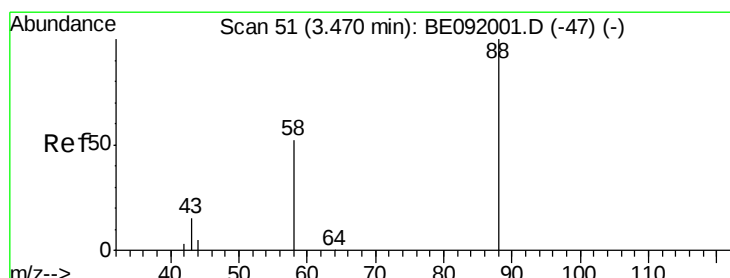
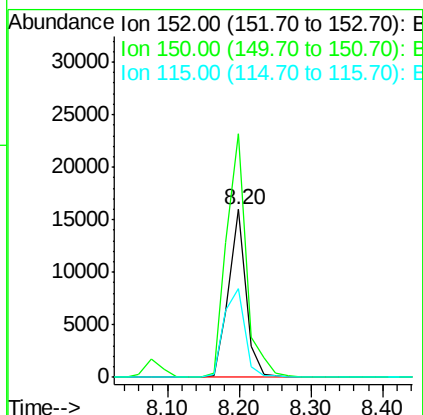
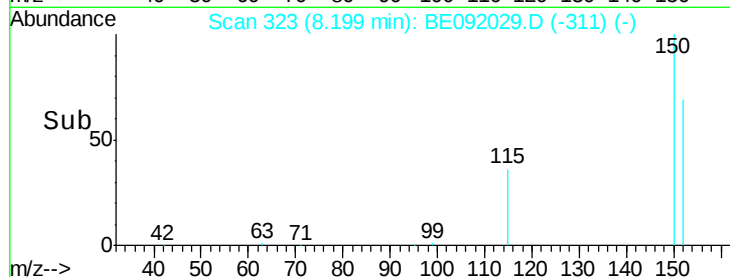
150 145.2 123.9 185.9

115 52.8 48.3 72.5

Manual Integrations

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7/25/2016 6:46:35 PM



#2

1,4-Dioxane

Concen: 2.67 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

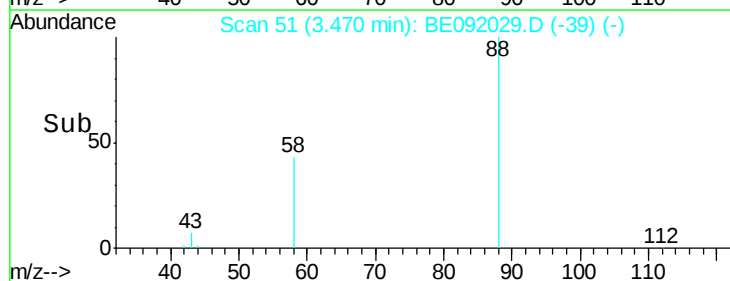
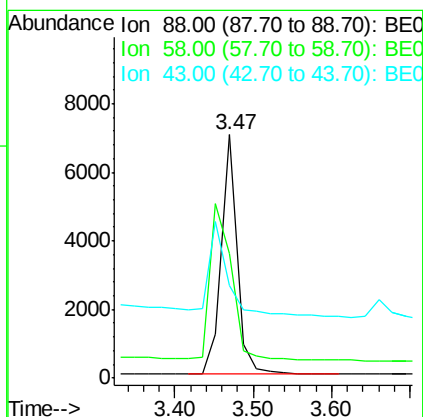
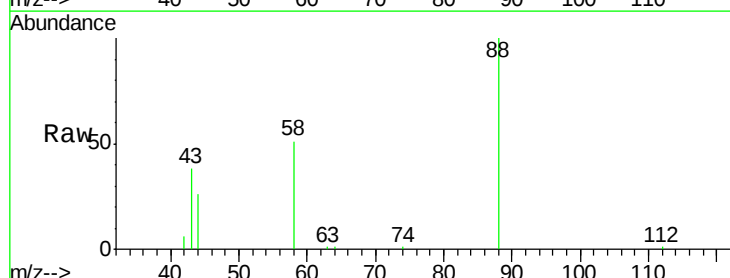
Tgt Ion: 88 Resp: 9537

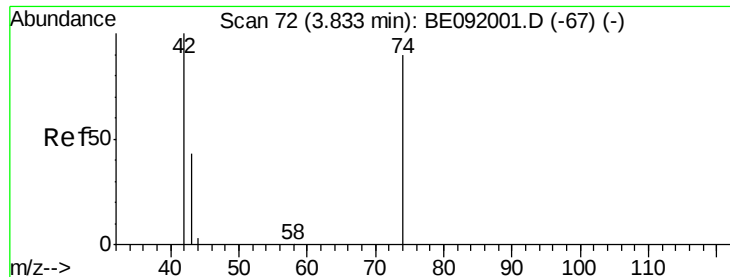
Ion Ratio Lower Upper

88 100

58 90.0 63.0 94.4

43 49.3 29.1 43.7#





#3

n-Nitrosodimethylamine

Concen: 3.50 ng

RT: 3.80 min Scan# 70

Delta R.T. -0.03 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

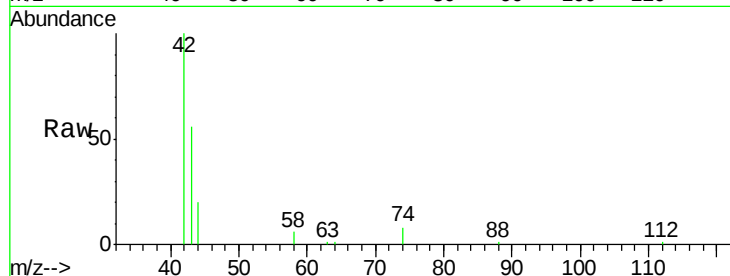
ClientSampleId :

PB92309BS

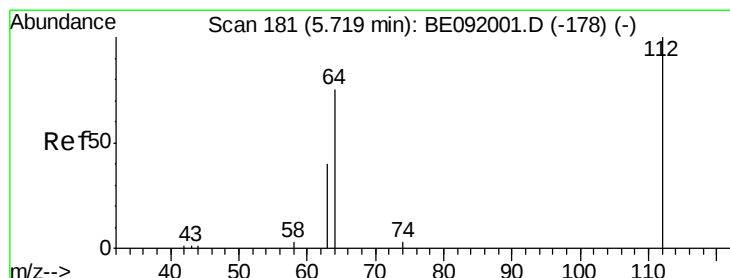
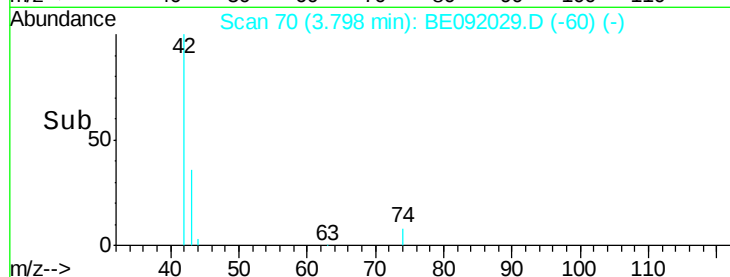
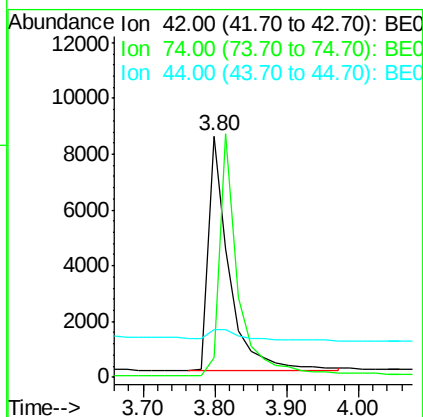
Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	92.8	93.4	140.0#
44	8.2	5.0	7.6#



#4

2-Fluorophenol

Concen: 8.12 ng

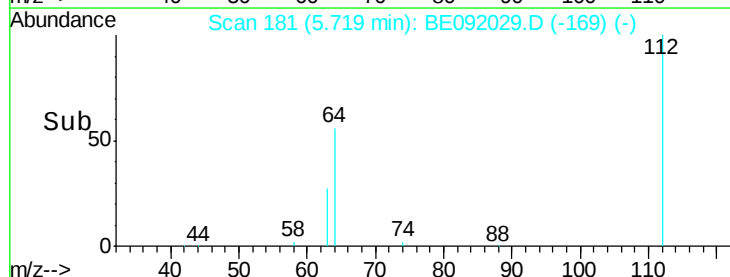
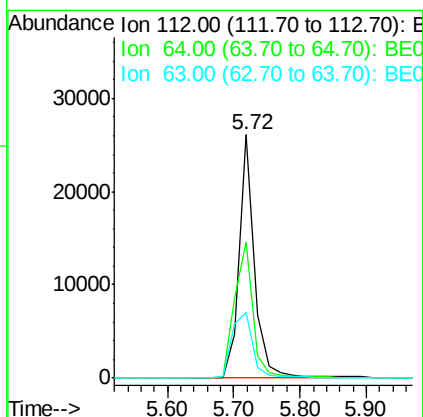
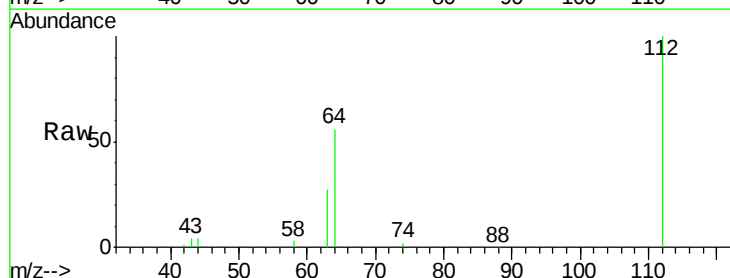
RT: 5.72 min Scan# 181

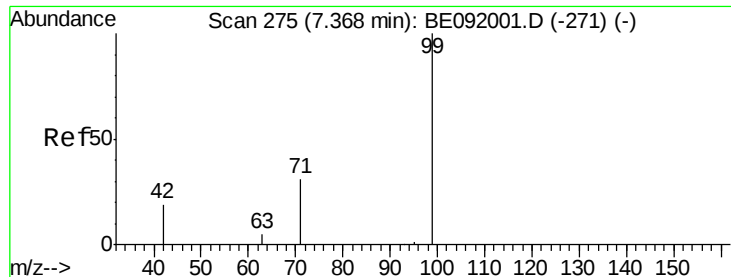
Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.7	80.5
63	36.4	29.5	44.3





#5

Phenol-d6

Concen: 6.32 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

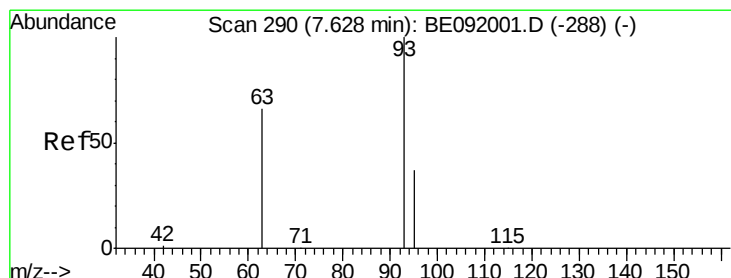
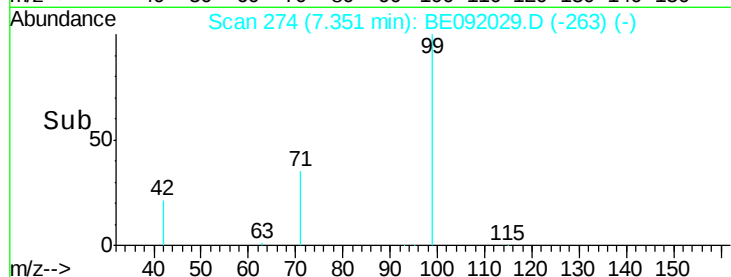
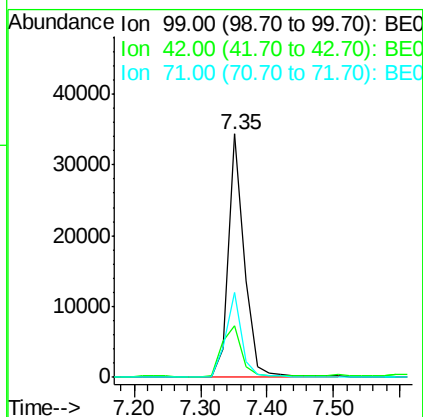
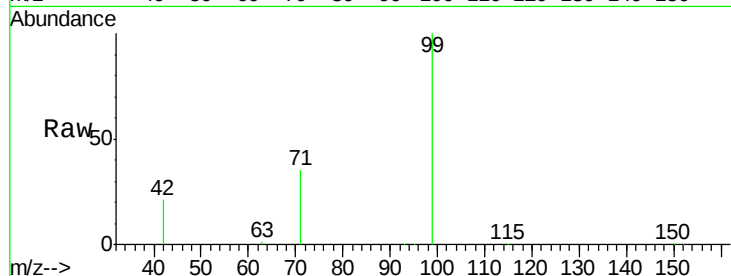
PB92309BS

Tgt Ion:	99	Resp:	57280
Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.6	29.4
71	34.9	28.1	42.1

Manual Integrations

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7/25/2016 6:46:35 PM



#6

bis(2-Chloroethyl)ether

Concen: 3.44 ng

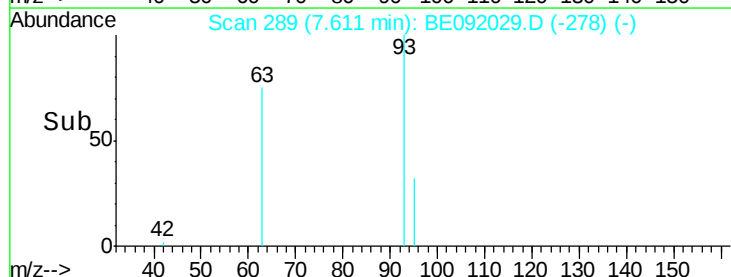
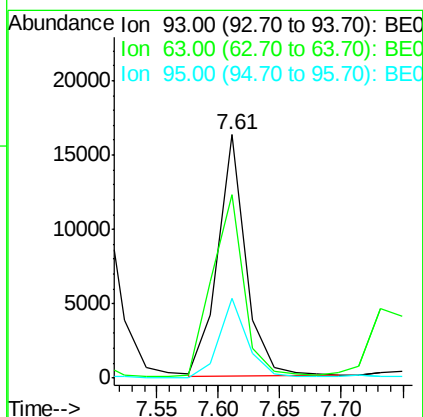
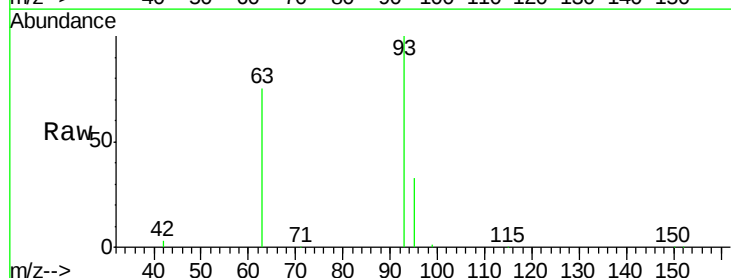
RT: 7.61 min Scan# 289

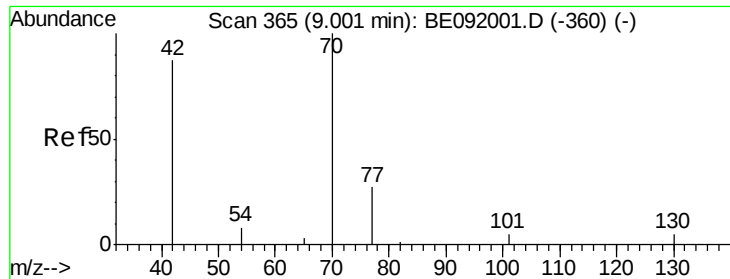
Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion:	93	Resp:	26091
Ion	Ratio	Lower	Upper
93	100		
63	84.6	66.2	99.4
95	32.0	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 3.30 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092029.D

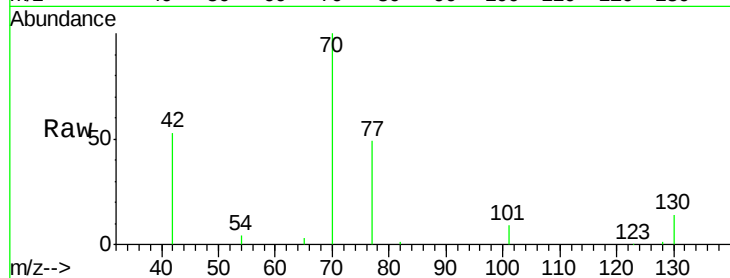
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS



Tgt Ion: 70 Resp: 21372

Ion Ratio Lower Upper

70 100

42 74.7 58.4 87.6

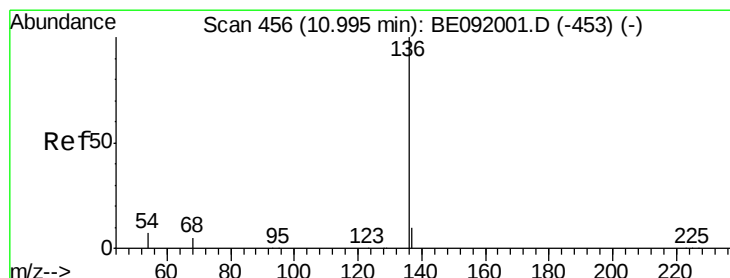
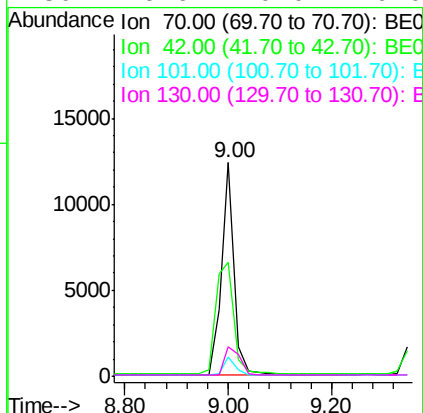
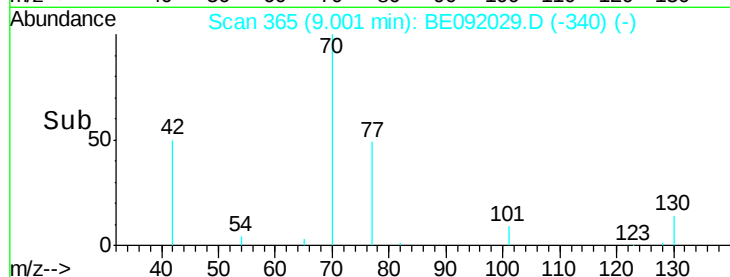
101 8.5 6.4 9.6

130 16.6 0.0 0.0#

Manual Integrations

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7/25/2016 6:46:35 PM



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion: 136 Resp: 124182

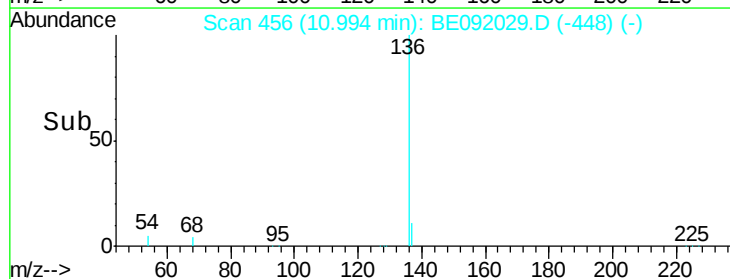
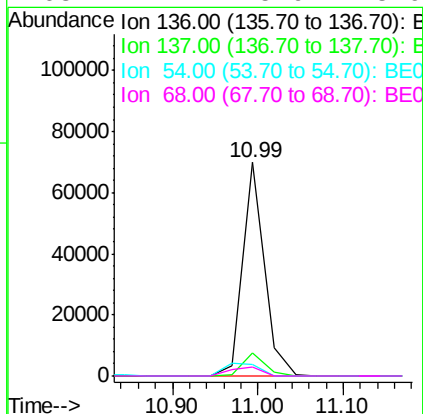
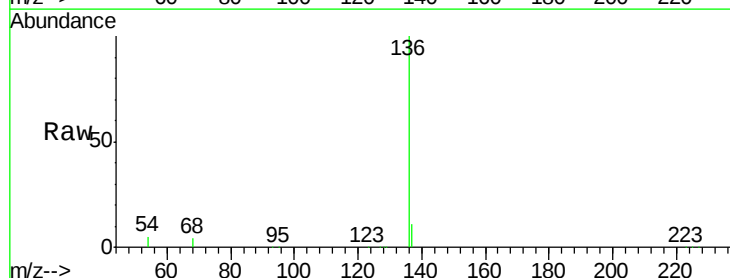
Ion Ratio Lower Upper

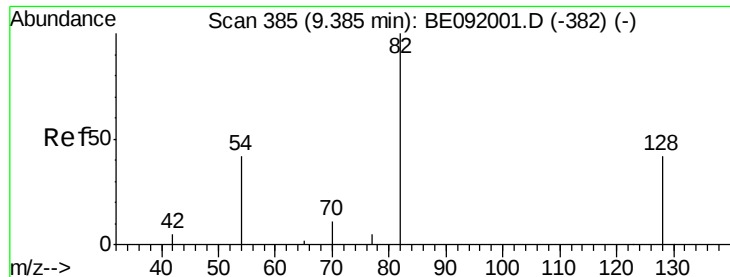
136 100

137 10.7 8.3 12.5

54 5.2 8.2 12.4#

68 4.1 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 4.02 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

Tgt Ion: 82 Resp: 30017

Ion Ratio Lower Upper

82 100

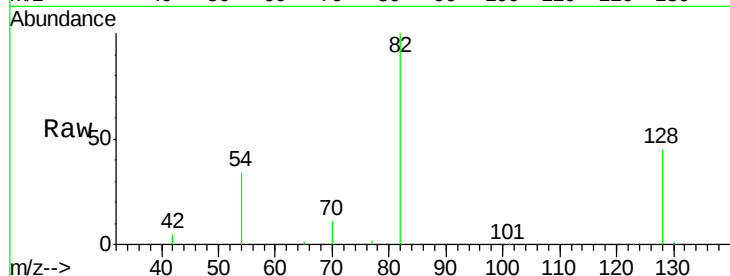
128 45.1 39.5 59.3

54 33.7 30.3 45.5

Manual Integrations

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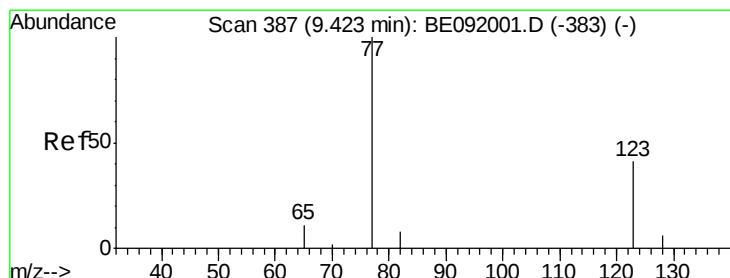
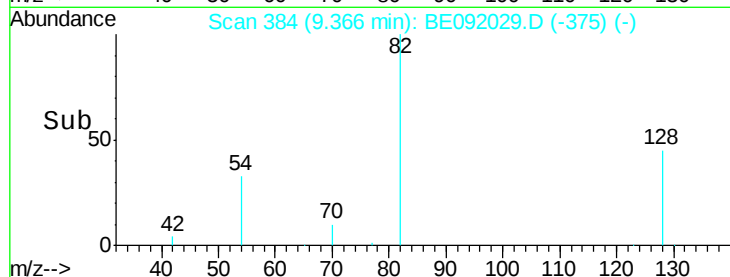
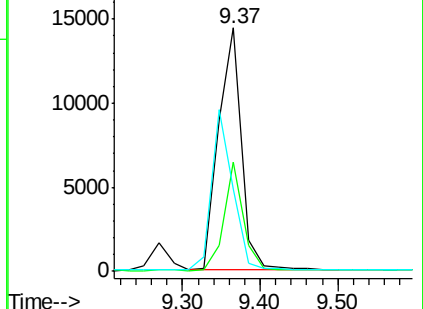
7/25/2016 6:46:35 PM



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 3.09 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

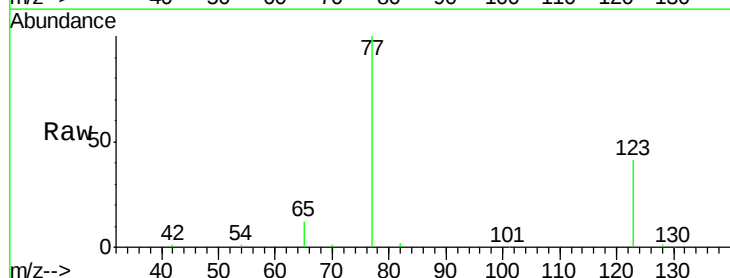
Tgt Ion: 77 Resp: 30745

Ion Ratio Lower Upper

77 100

123 38.8 0.0 0.0#

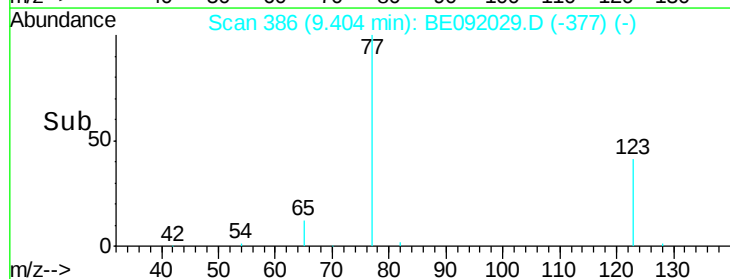
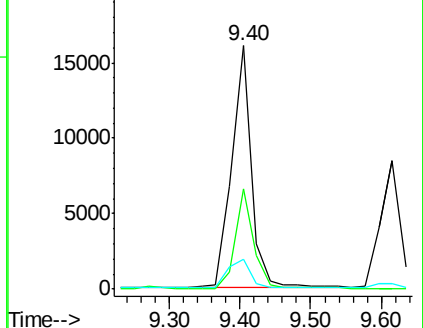
65 14.2 11.1 16.7

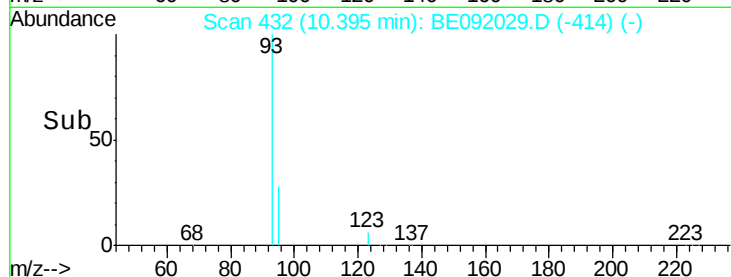
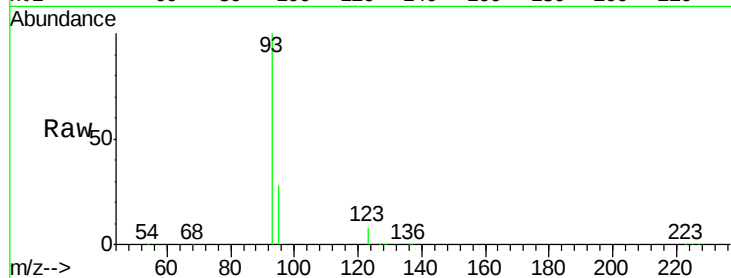
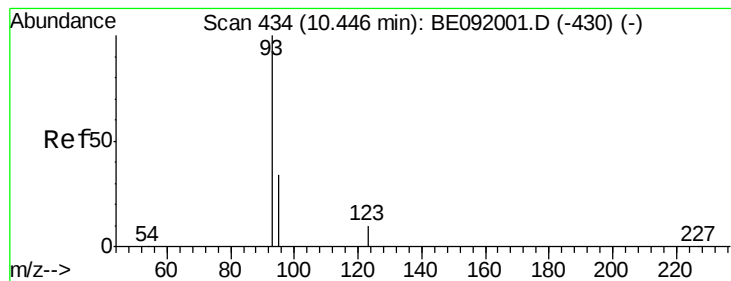


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





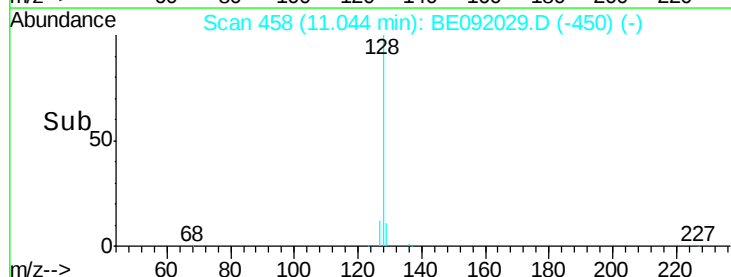
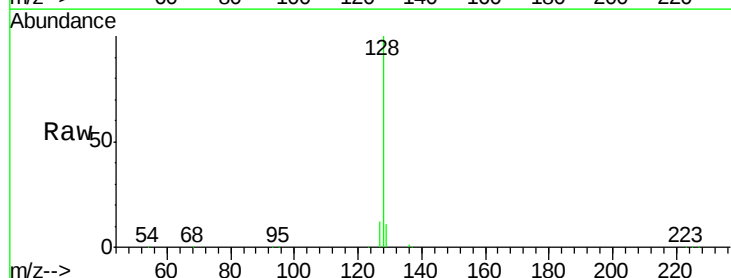
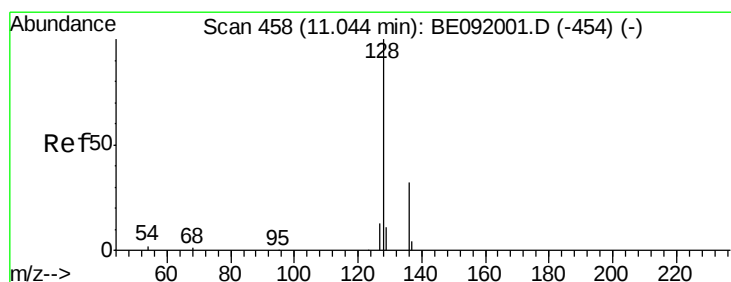
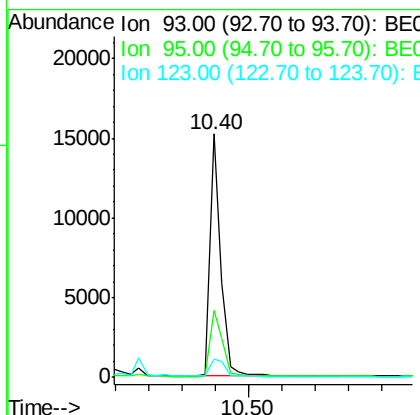
#11
bis(2-Chloroethoxy)methane
Concen: 3.61 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tgt Ion: 93 Resp: 33789
Ion Ratio Lower Upper
93 100
95 31.5 57.6 86.4#
123 9.6 100.2 150.4#

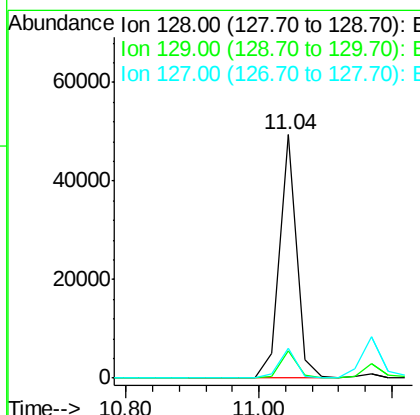
Manual Integrations

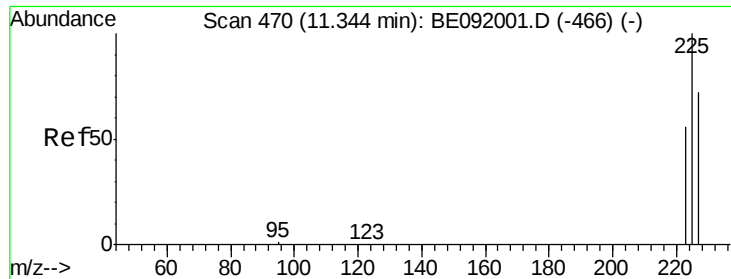
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#12
Naphthalene
Concen: 3.10 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

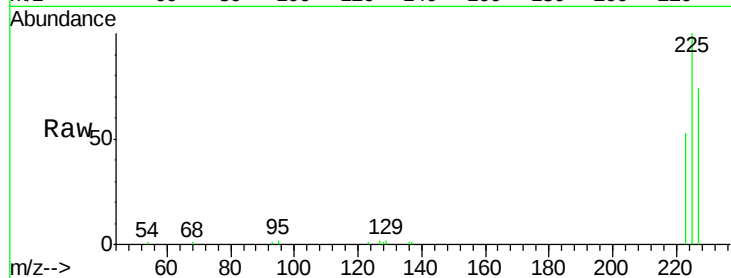
Tgt Ion: 128 Resp: 87482
Ion Ratio Lower Upper
128 100
129 11.3 10.4 15.6
127 12.5 10.2 15.2





#13
Hexachlorobutadiene
Concen: 3.00 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

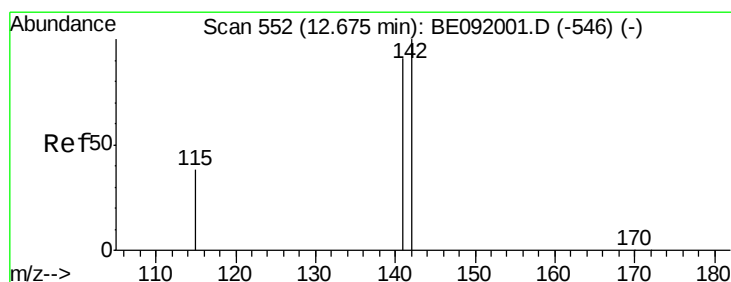
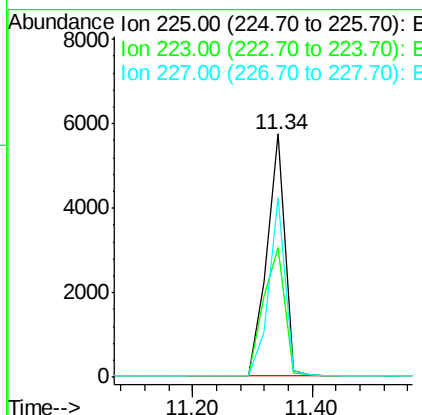
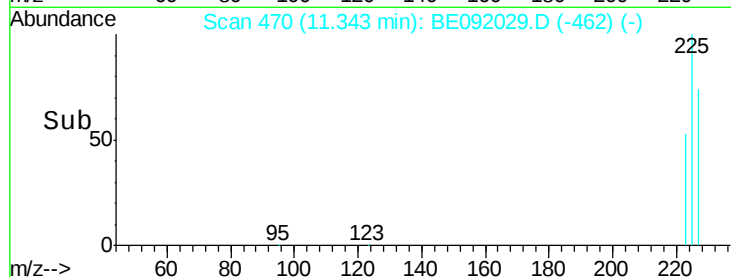
Instrument :
BNA_E
ClientSampleId :
PB92309BS



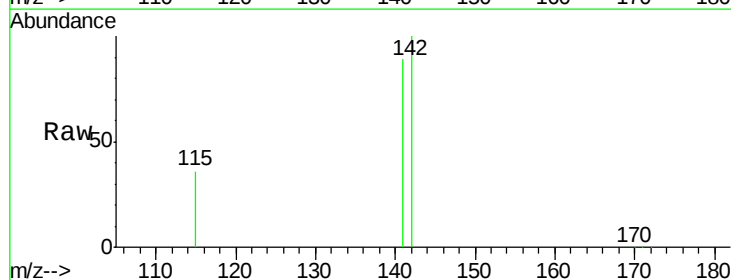
Tgt Ion: 225 Resp: 12088
Ion Ratio Lower Upper
225 100
223 61.5 49.8 74.8
227 66.1 50.6 75.8

Manual Integrations

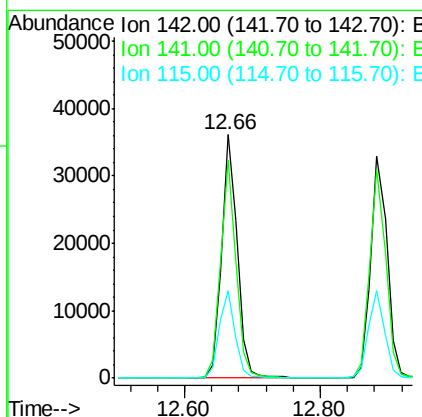
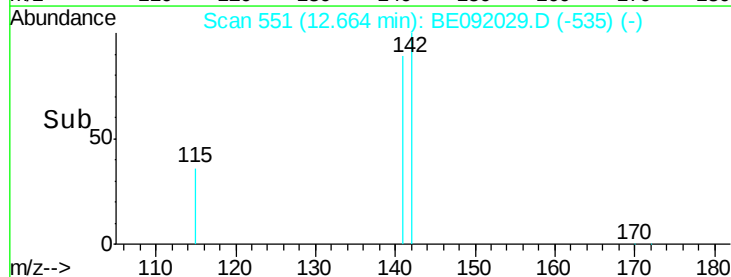
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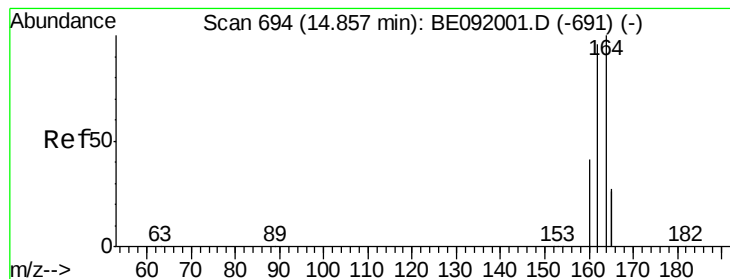


#14
2-Methylnaphthalene
Concen: 3.33 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43



Tgt Ion: 142 Resp: 58965
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 36.0 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

Tgt Ion:164 Resp: 71830

Ion Ratio Lower Upper

164 100

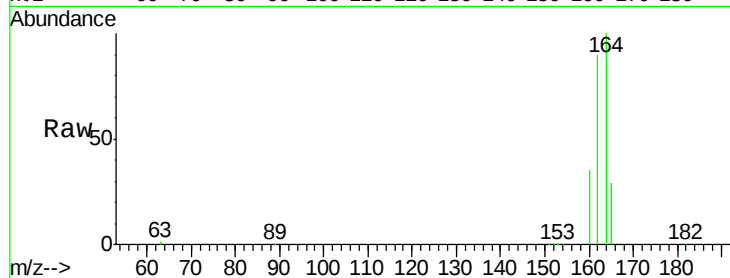
162 90.2 71.8 107.8

160 35.4 28.0 42.0

Manual Integrations

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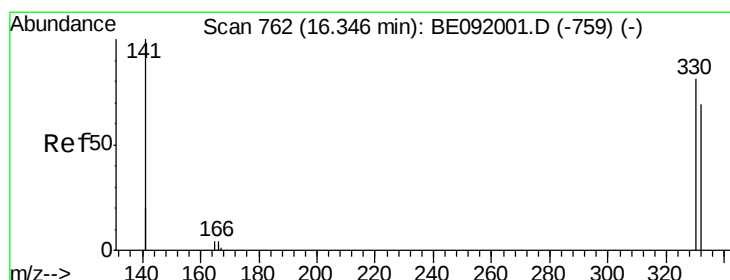
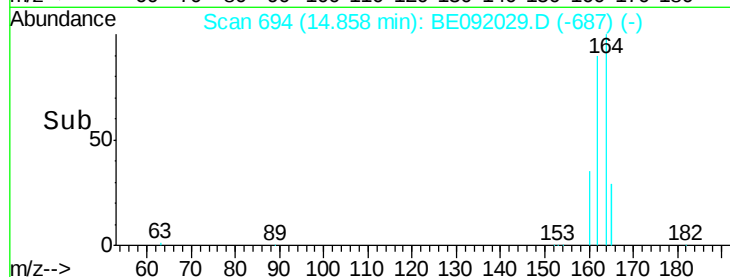
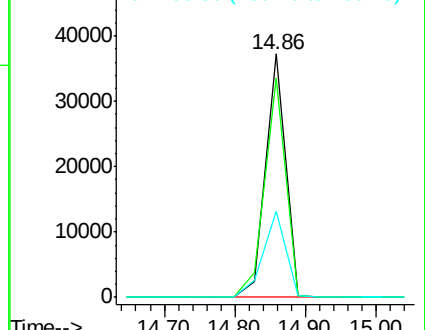
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 5.85 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

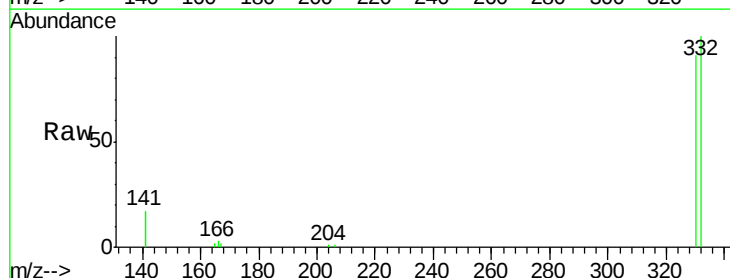
Tgt Ion:330 Resp: 14464

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

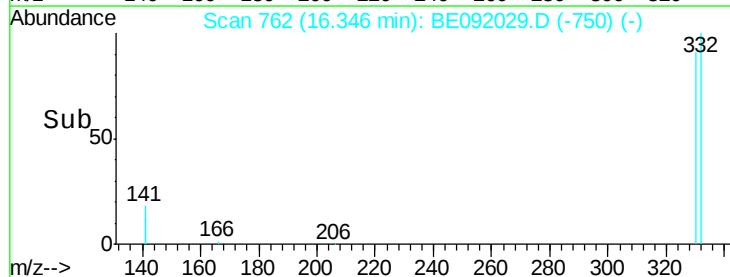
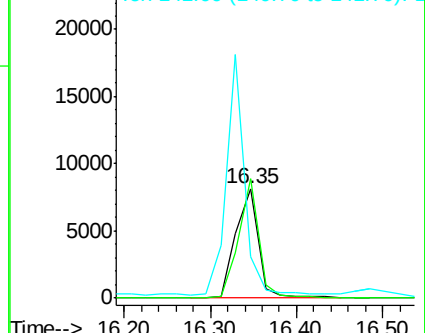
141 180.3 138.4 207.6

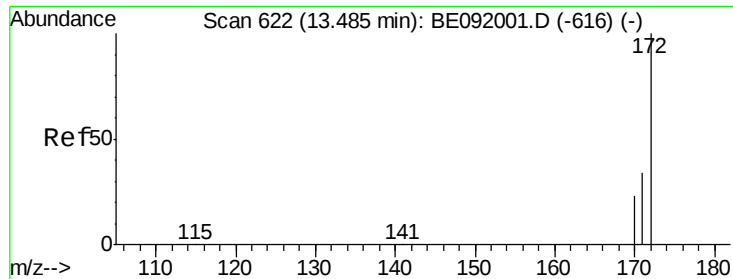


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





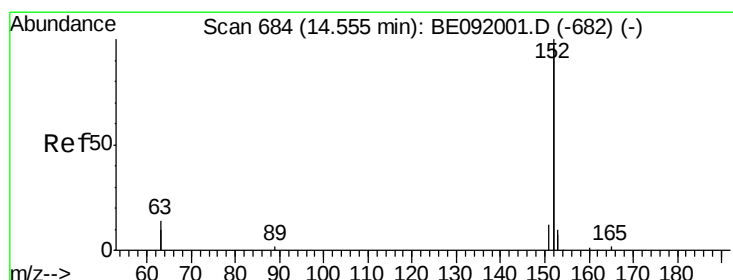
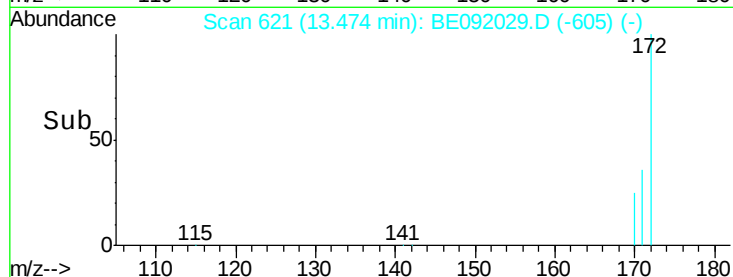
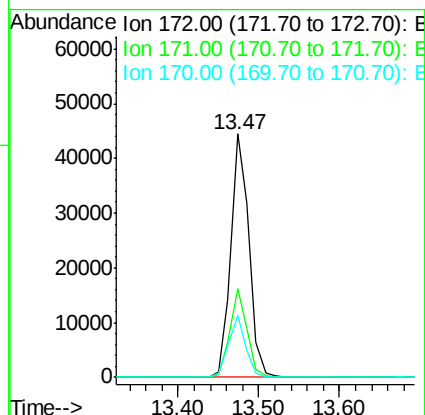
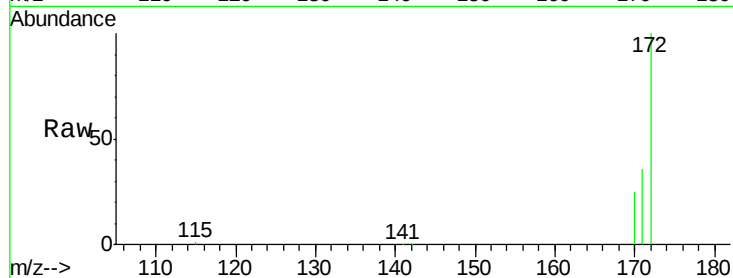
#17
2-Fluorobiphenyl
Concen: 3.63 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	24.3	36.5
170	25.5	14.9	22.3

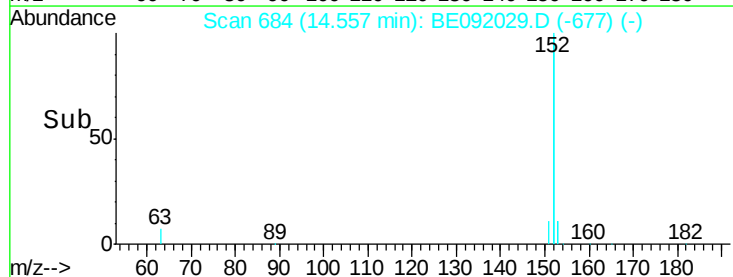
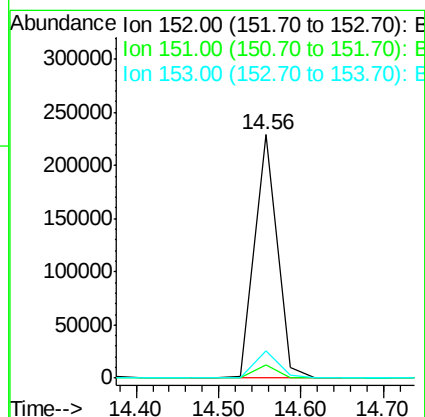
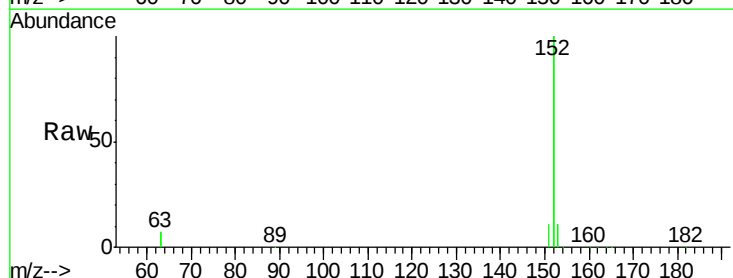
Manual Integrations

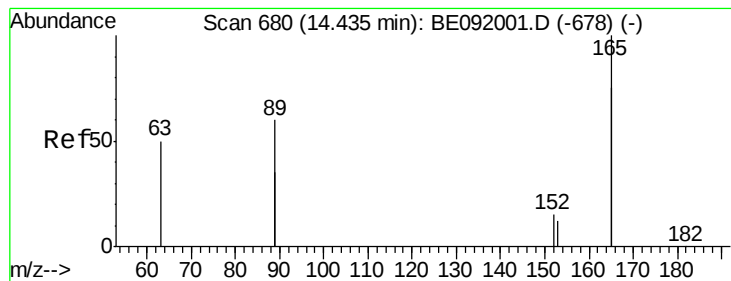
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#18
Acenaphthylene
Concen: 3.95 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.2	19.4	29.2
153	11.7	14.4	21.6





#19

2,6-Dinitrotoluene

Concen: 3.39 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

Tgt Ion:165 Resp: 69432
Ion Ratio Lower Upper

165 100

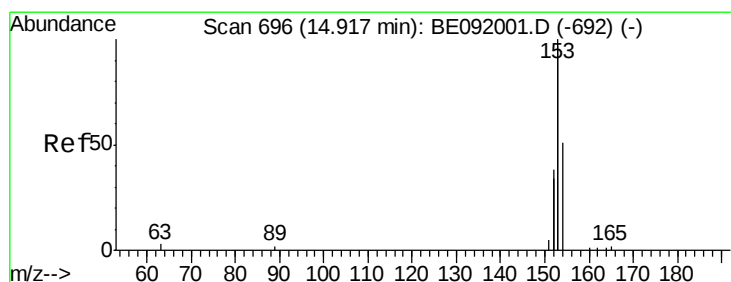
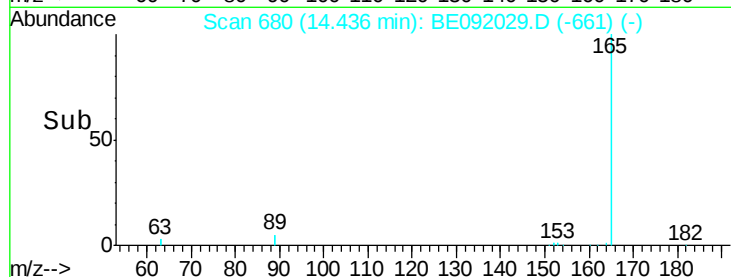
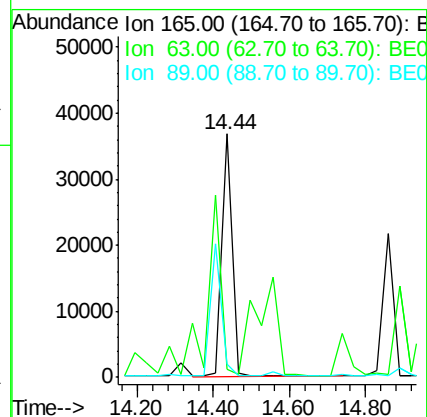
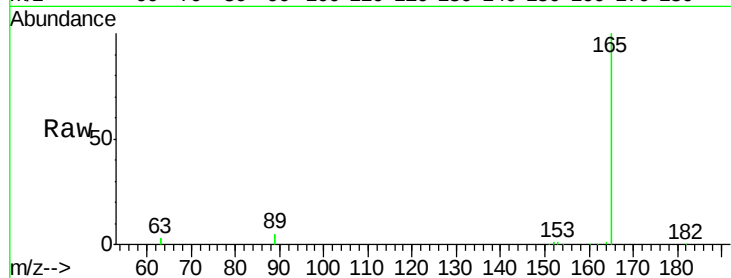
63 0.0 65.9 98.9#

89 0.0 59.1 88.7#

Manual Integrations

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#20

Acenaphthene

Concen: 2.91 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092029.D

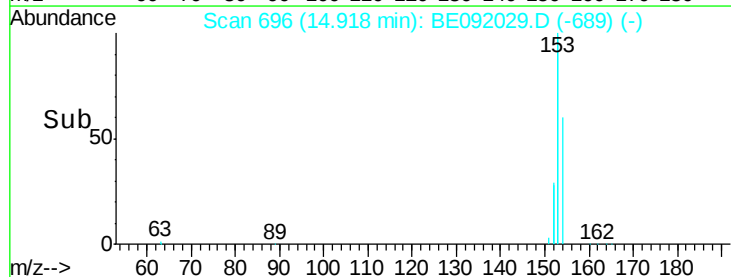
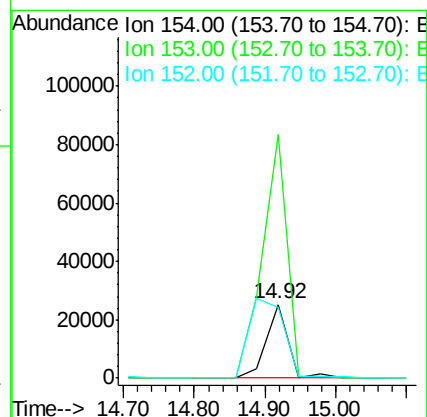
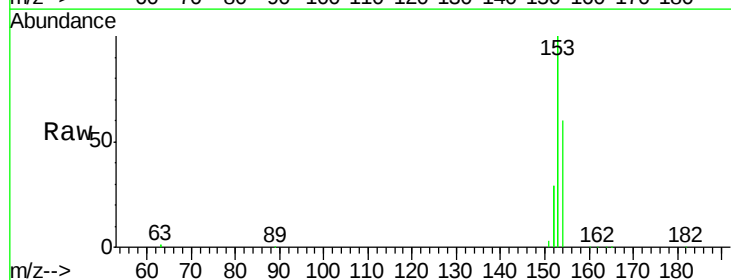
Acq: 23 Jul 2016 5:43

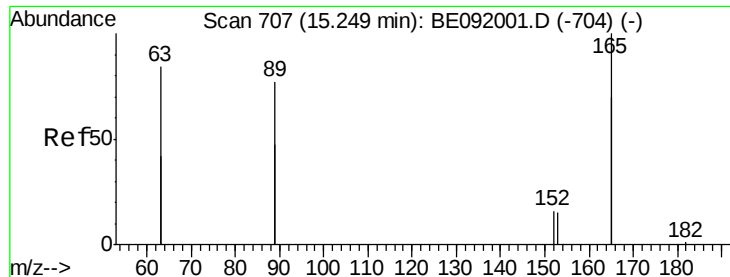
Tgt Ion:154 Resp: 54522
Ion Ratio Lower Upper

154 100

153 370.0 88.1 132.1#

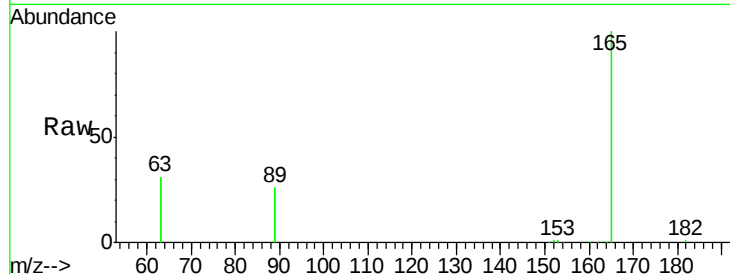
152 0.0 44.2 66.2#





#21
2,4-Dinitrotoluene
Concen: 3.61 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

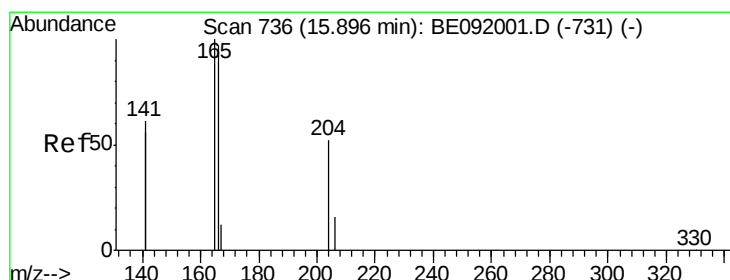
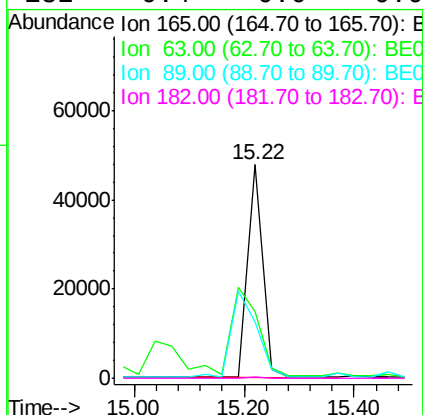
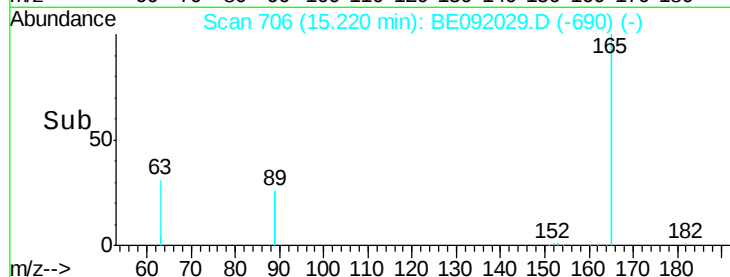
Instrument :
BNA_E
ClientSampleId :
PB92309BS



Tgt Ion:165 Resp: 92082
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.4 0.0 0.0#

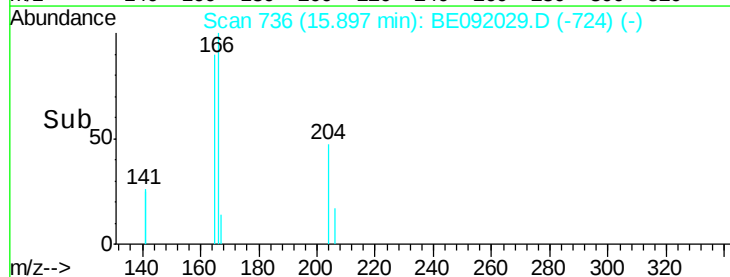
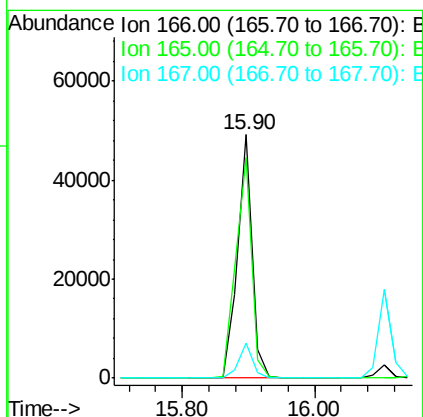
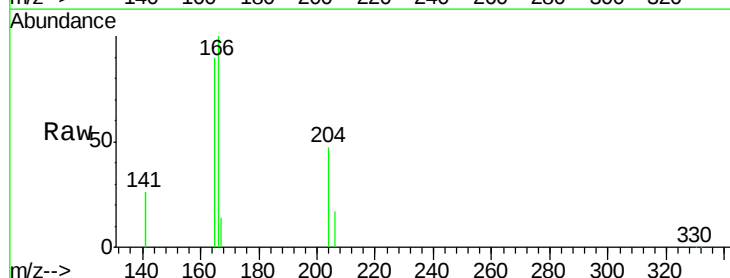
Manual Integrations

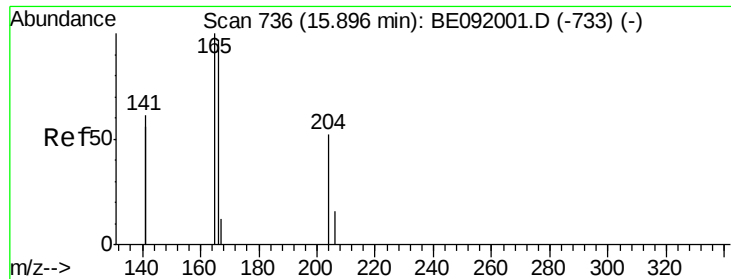
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#22
Fluorene
Concen: 3.36 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

Tgt Ion:166 Resp: 75059
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.5 10.8 16.2





#23

4-Chlorophenyl-phenylether

Concen: 3.15 ng

RT: 15.90 min Scan# 736

Delta R.T. 0.00 min

Lab File: BE092029.D

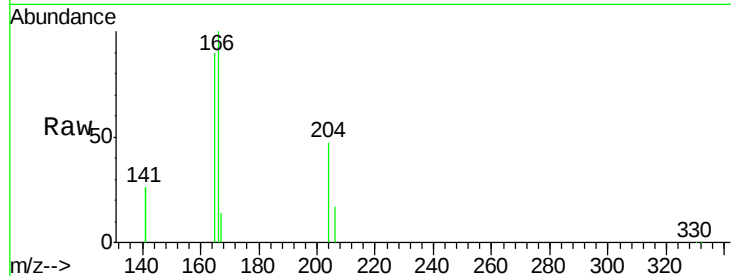
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

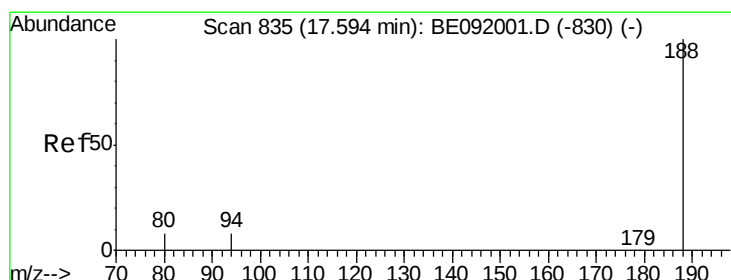
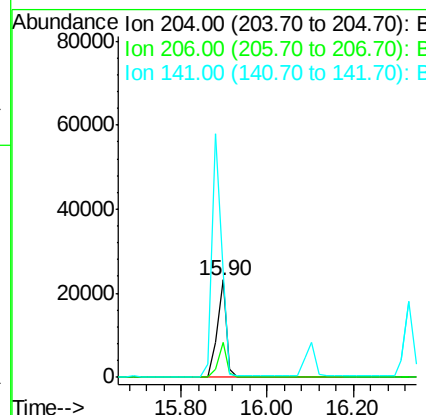
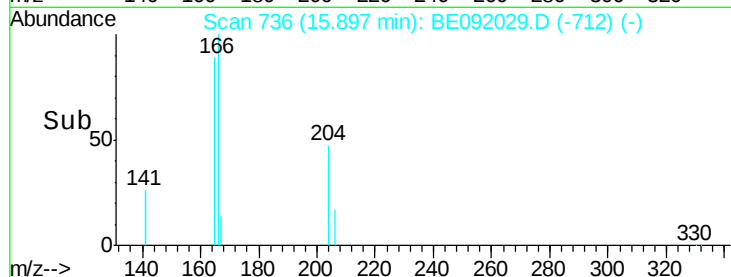


Tgt Ion:	204	Resp:	34929
Ion Ratio	Lower	Upper	
204	100		
206	33.9	27.8	41.6
141	257.7	197.6	296.4

Manual Integrations

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#24

Phenanthrene-d10

Concen: 5.00 ng

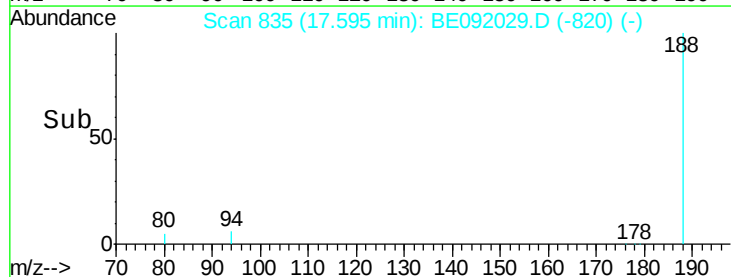
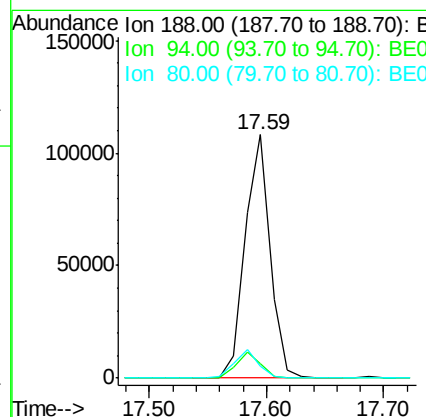
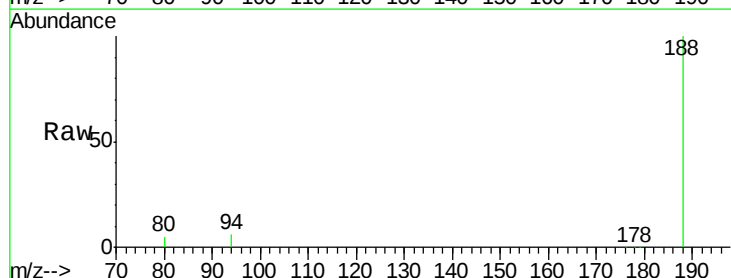
RT: 17.59 min Scan# 835

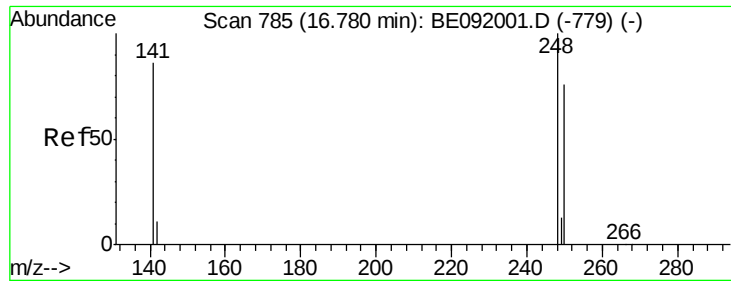
Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

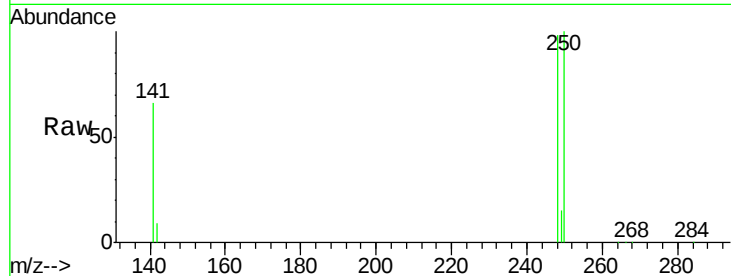
Tgt Ion:	188	Resp:	160675
Ion Ratio	Lower	Upper	
188	100		
94	5.7	4.1	6.1
80	4.9	3.4	5.2





#25
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

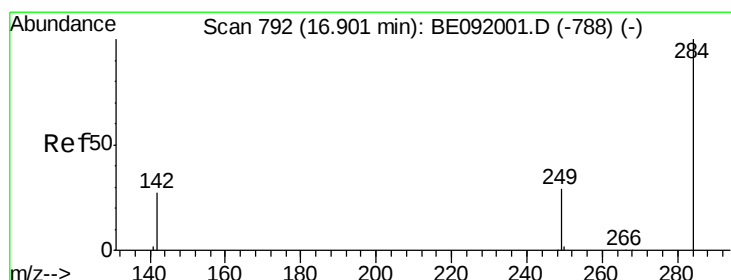
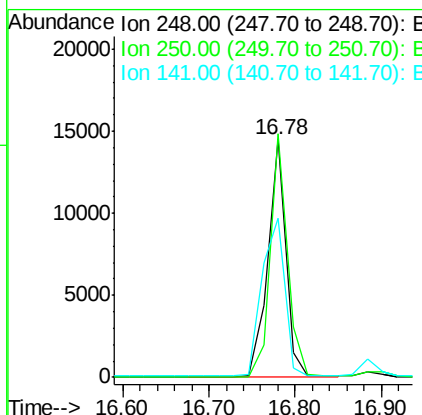
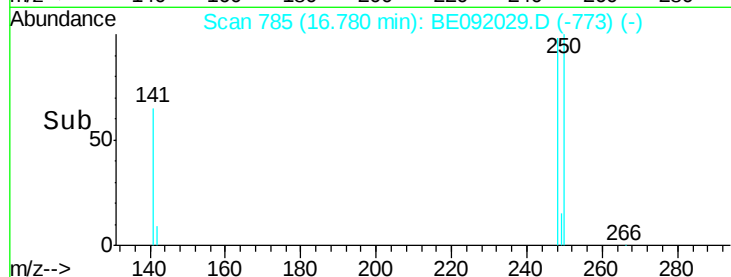
Instrument :
BNA_E
ClientSampleId :
PB92309BS



Tgt Ion:248 Resp: 21188
Ion Ratio Lower Upper
248 100
250 97.6 75.7 113.5
141 84.9 64.6 97.0

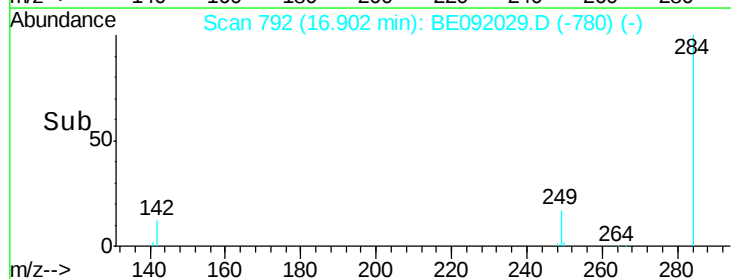
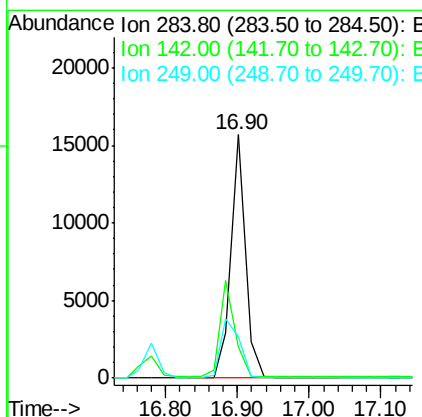
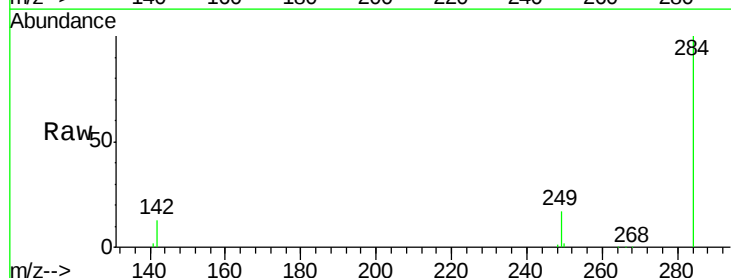
Manual Integrations

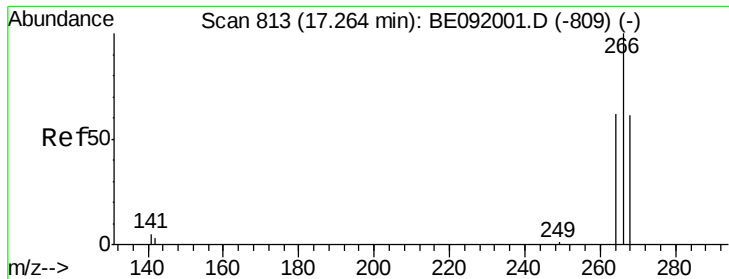
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#26
Hexachlorobenzene
Concen: 3.15 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

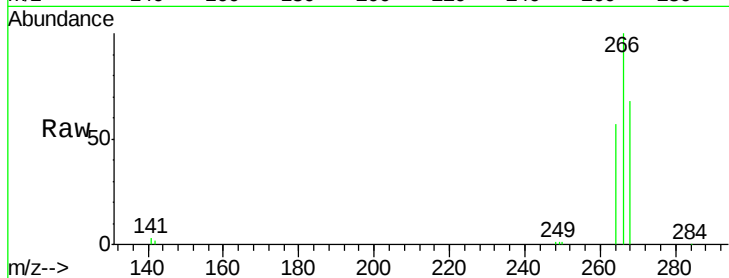
Tgt Ion:284 Resp: 21723
Ion Ratio Lower Upper
284 100
142 41.6 31.4 47.2
249 31.7 25.3 37.9





#27
 Pentachlorophenol
 Concen: 5.73 ng
 RT: 17.25 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BE092029.D
 Acq: 23 Jul 2016 5:43

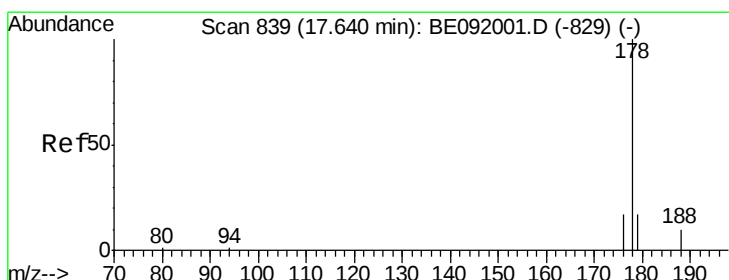
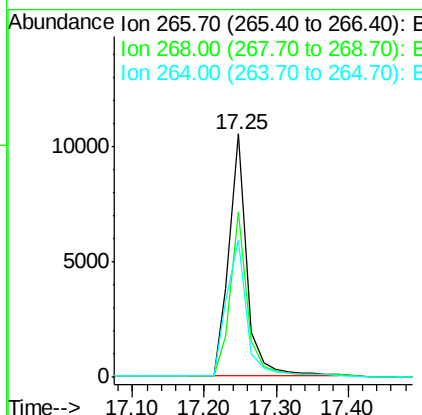
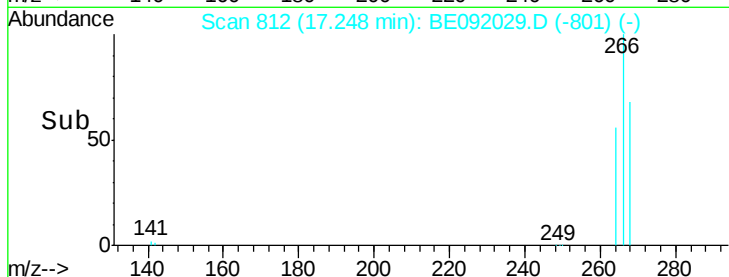
Instrument :
 BNA_E
 ClientSampleId :
 PB92309BS



Tgt Ion:	266	Resp:	18520
Ion Ratio	Lower	Upper	
266	100		
268	68.1	60.5	90.7
264	56.6	51.0	76.4

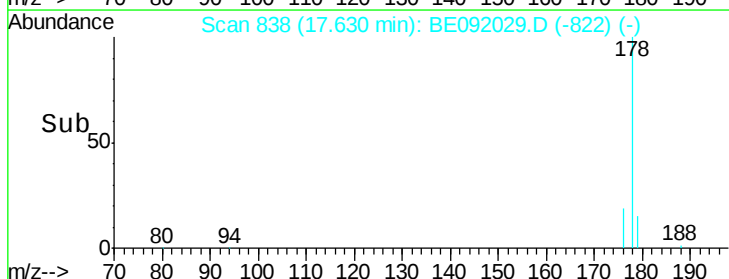
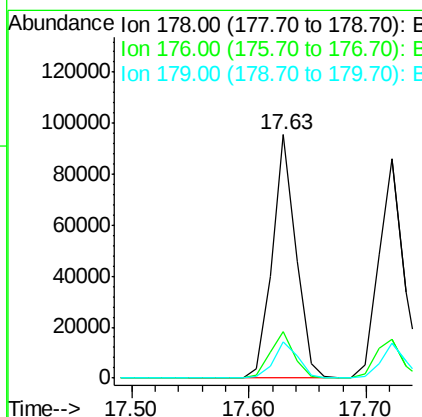
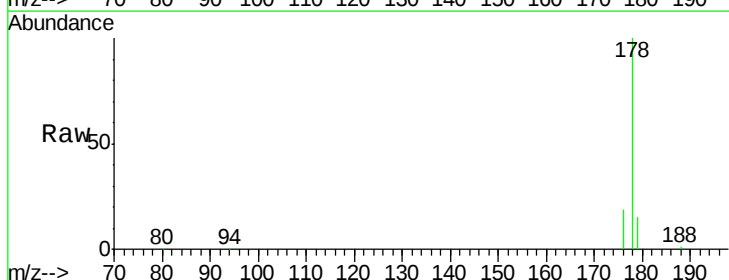
Manual Integrations

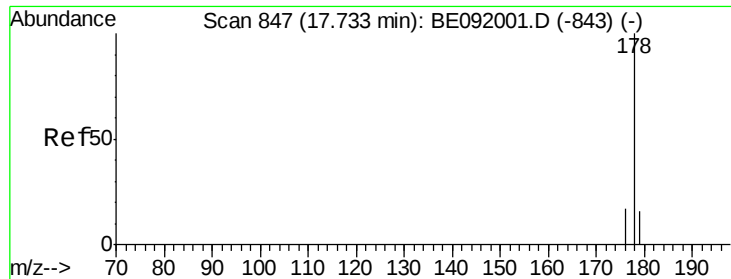
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#28
 Phenanthrene
 Concen: 3.20 ng
 RT: 17.63 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE092029.D
 Acq: 23 Jul 2016 5:43

Tgt Ion:	178	Resp:	132812
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.2
179	15.3	12.9	19.3





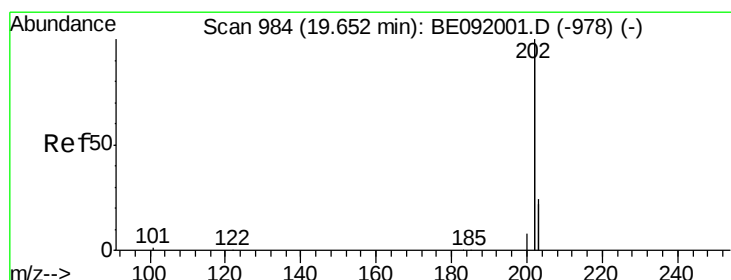
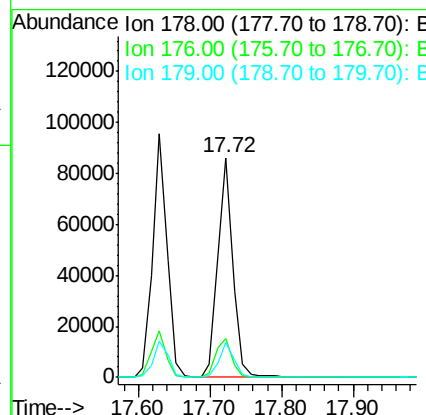
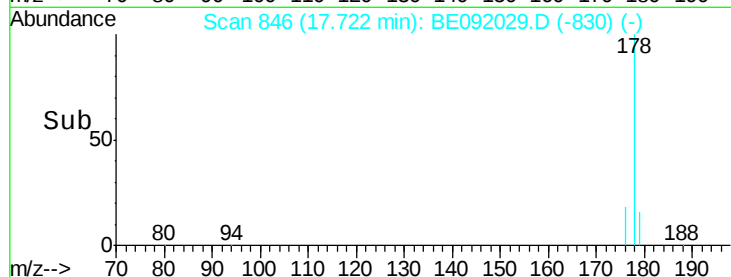
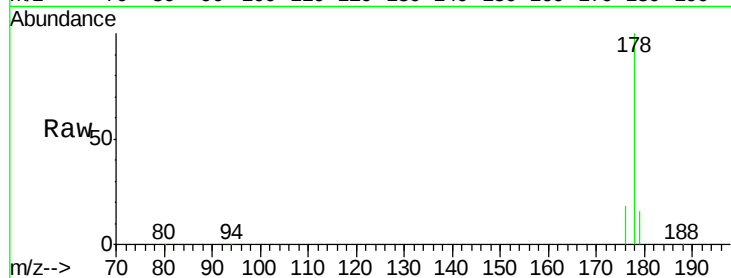
#29
 Anthracene
 Concen: 3.36 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE092029.D
 Acq: 23 Jul 2016 5:43

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BS

Tgt Ion:178 Resp: 126398
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.2 12.1 18.1

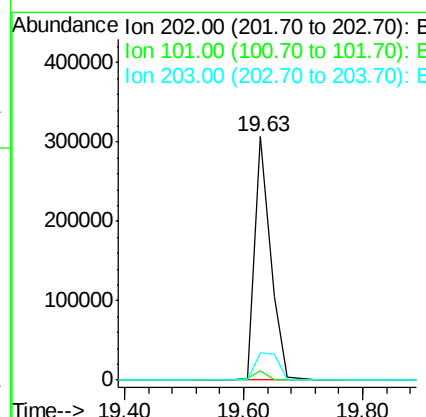
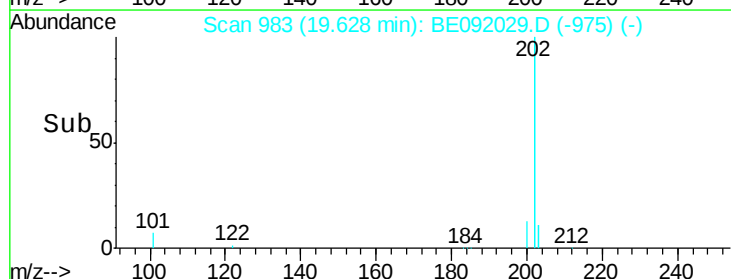
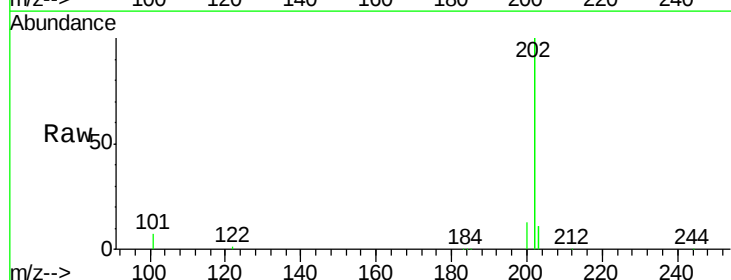
Manual Integrations

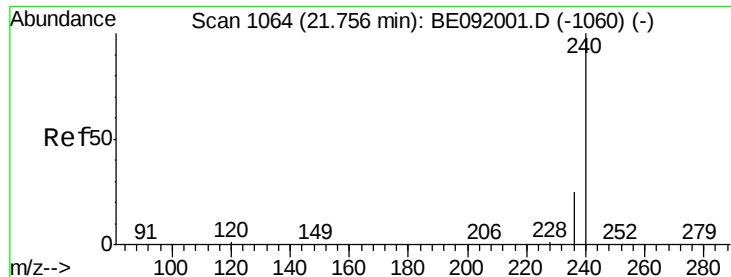
sohil
 7/25/2016 6:46:35 PM



#30
 Fluoranthene
 Concen: 3.47 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092029.D
 Acq: 23 Jul 2016 5:43

Tgt Ion:202 Resp: 576122
 Ion Ratio Lower Upper
 202 100
 101 3.1 9.4 14.0#
 203 16.6 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092029.D

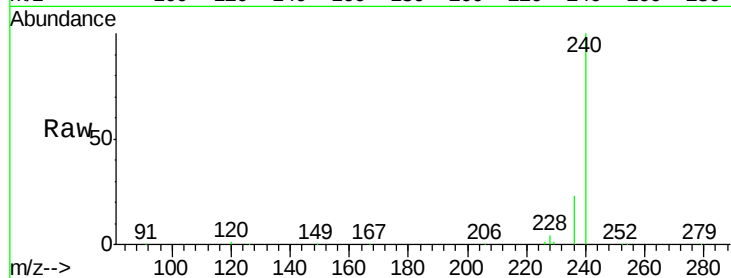
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

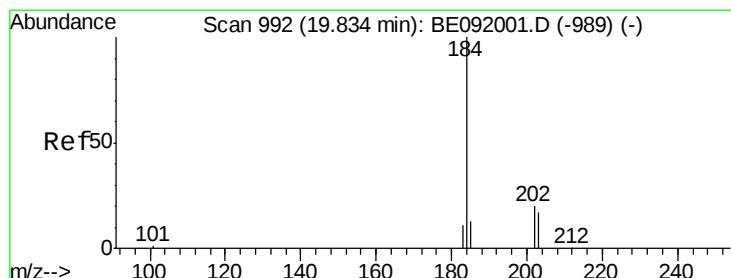
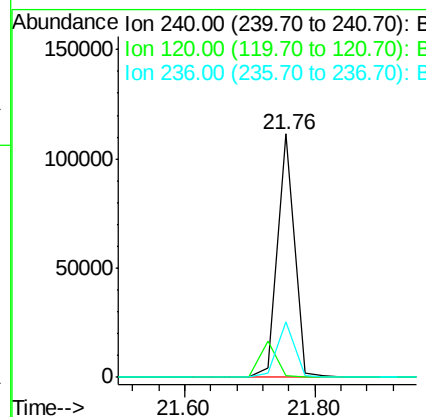


Tgt Ion:	240	Resp:	204188
Ion Ratio	Lower	Upper	
240	100		
120	0.6	1.2	1.8#
236	22.7	19.8	29.8

Manual Integrations

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7/25/2016 6:46:35 PM



#32

Benzidine

Concen: 0.62 ng

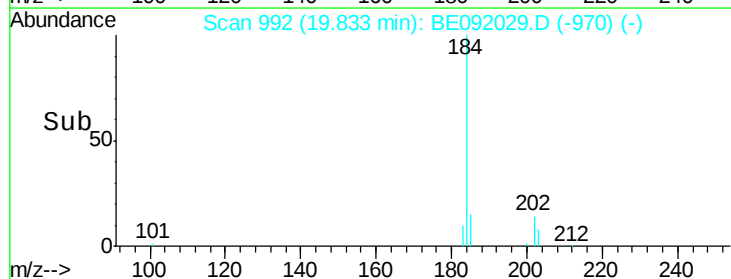
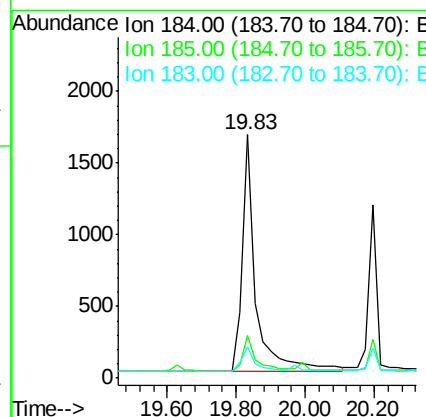
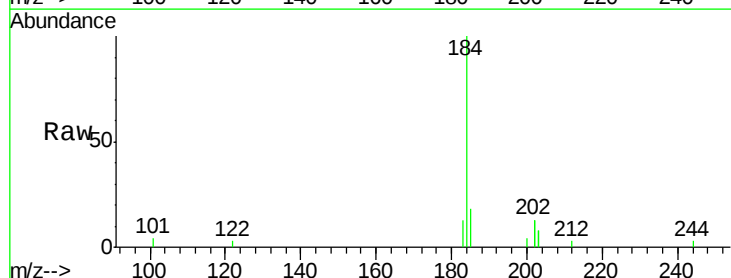
RT: 19.83 min Scan# 992

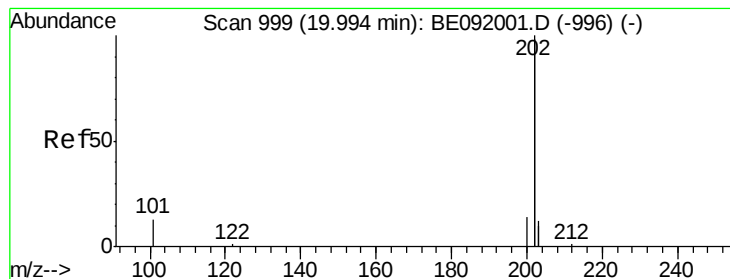
Delta R.T. -0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion:	184	Resp:	4515
Ion Ratio	Lower	Upper	
184	100		
185	17.5	11.4	17.2#
183	12.5	11.8	17.6





#33

Pyrene

Concen: 4.62 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092029.D

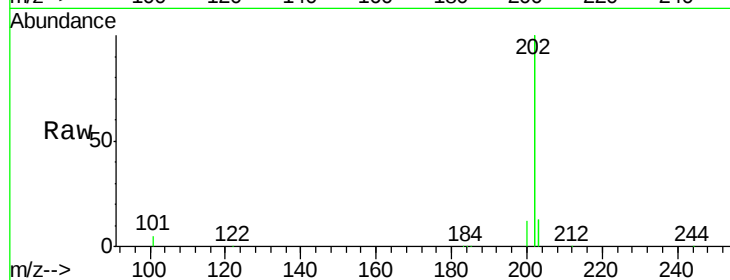
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS



Tgt Ion: 202 Resp: 685125

Ion Ratio Lower Upper

202 100

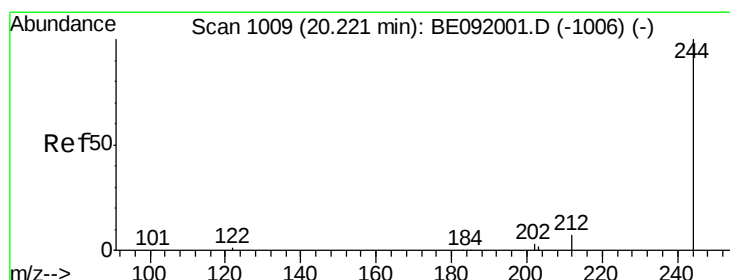
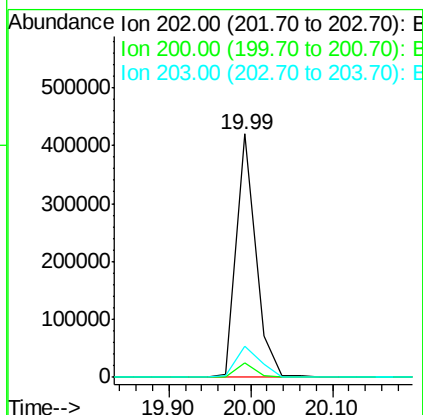
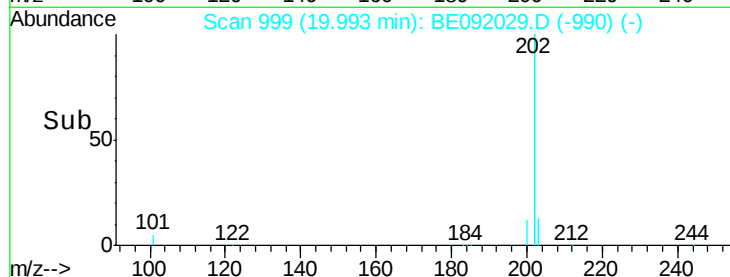
200 5.7 16.9 25.3#

203 16.0 14.1 21.1

Manual Integrations

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7/25/2016 6:46:35 PM



#34

Terphenyl-d14

Concen: 4.34 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

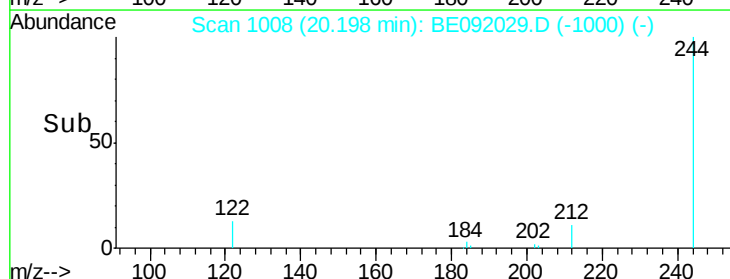
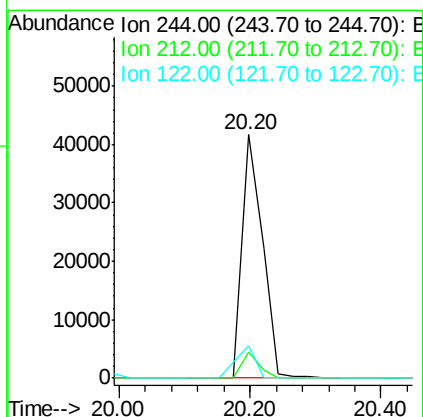
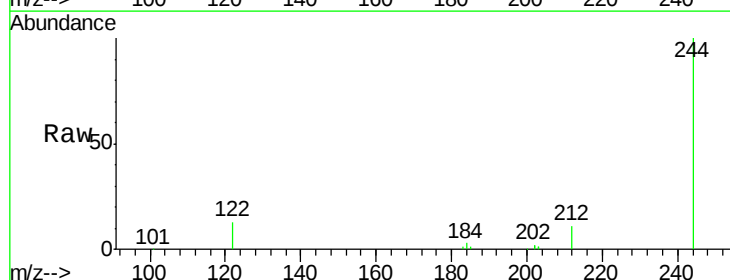
Tgt Ion: 244 Resp: 88971

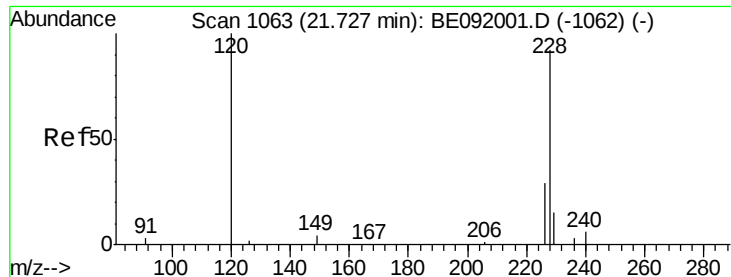
Ion Ratio Lower Upper

244 100

212 10.7 6.5 9.7#

122 13.3 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 5.19 ng m

RT: 21.73 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE092029.D

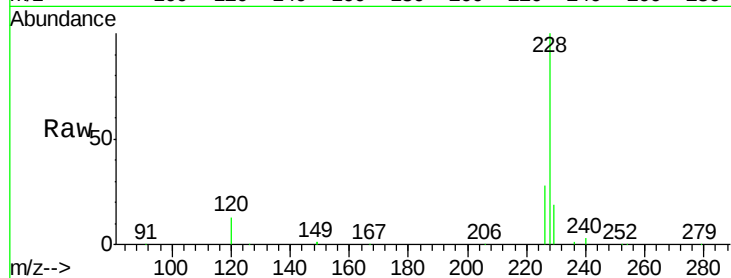
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

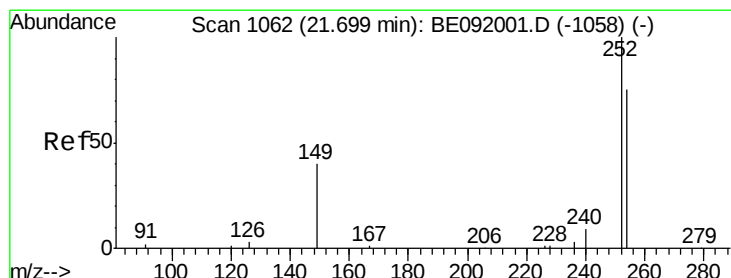
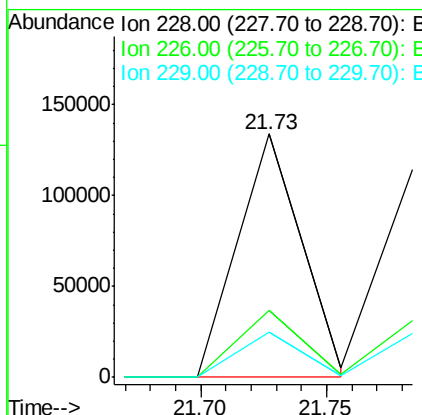
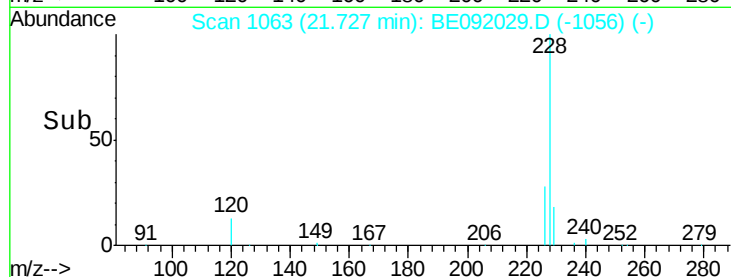


Tgt Ion:	228	Resp:	238598
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.0	31.4
229	18.5	15.8	23.8

Manual Integrations

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7/25/2016 6:46:35 PM



#36

3,3'-Dichlorobenzidine

Concen: 3.12 ng

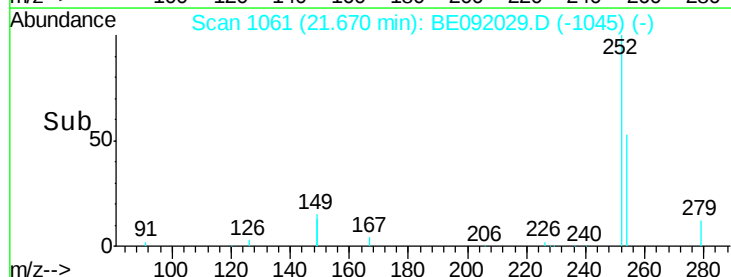
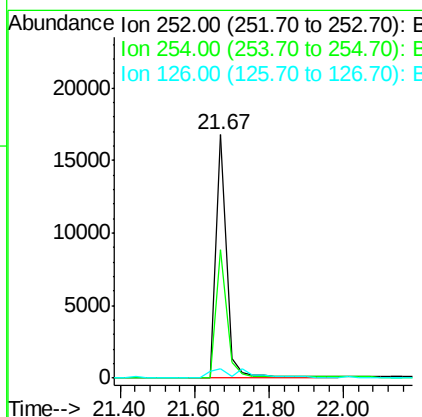
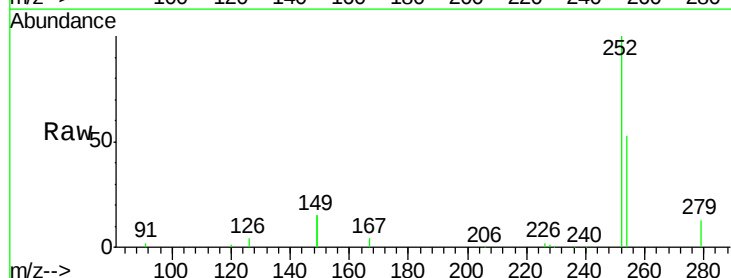
RT: 21.67 min Scan# 1061

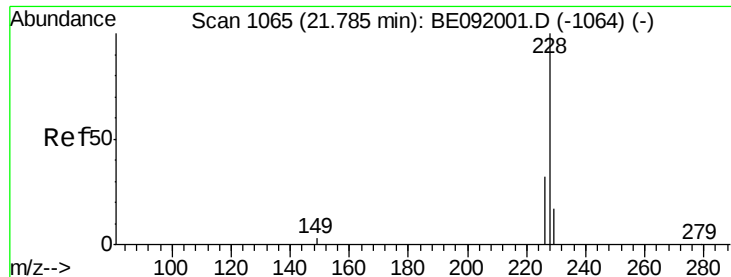
Delta R.T. -0.03 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion:	252	Resp:	32519
Ion Ratio	Lower	Upper	
252	100		
254	53.0	61.5	92.3#
126	3.8	2.5	3.7#





#37

Chrysene

Concen: 3.64 ng m

RT: 21.78 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

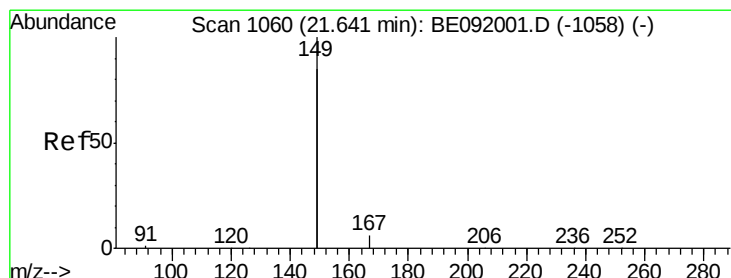
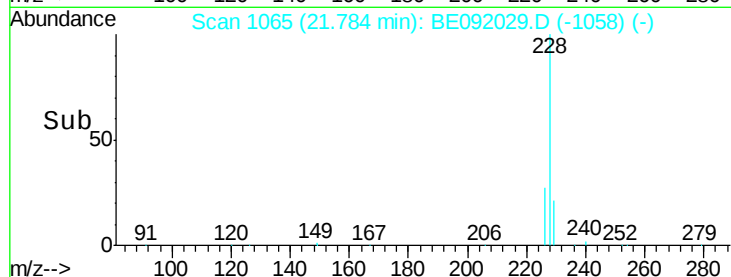
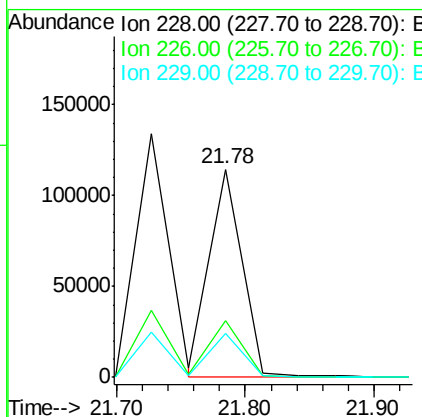
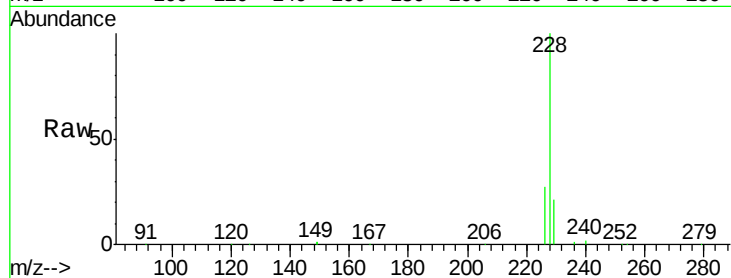
PB92309BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	27.0	40.6
229	21.3	13.8	20.8

Manual Integrations

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7/25/2016 6:46:35 PM



#38

Bis(2-ethylhexyl)phthalate

Concen: 9.54 ng

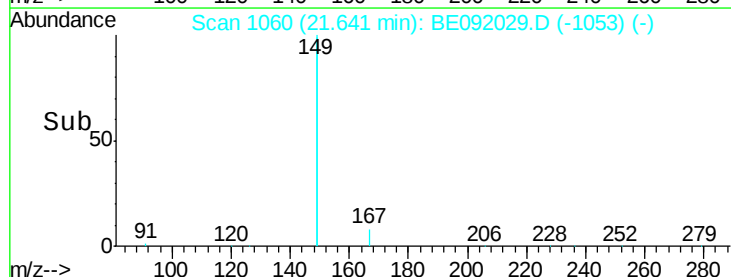
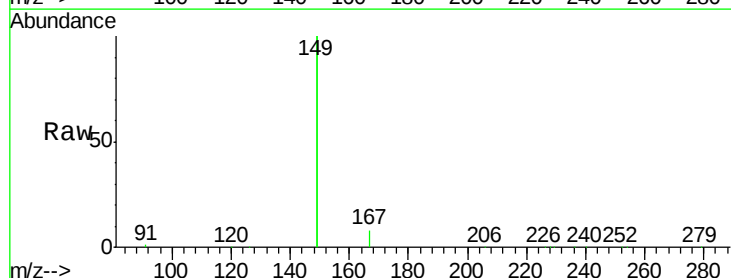
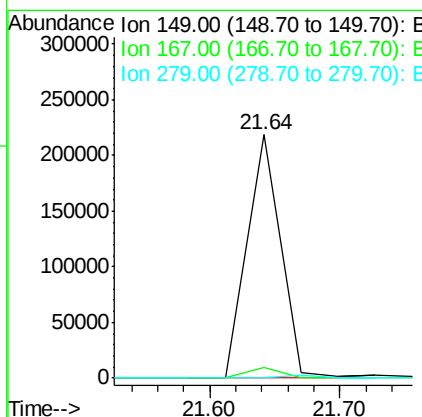
RT: 21.64 min Scan# 1060

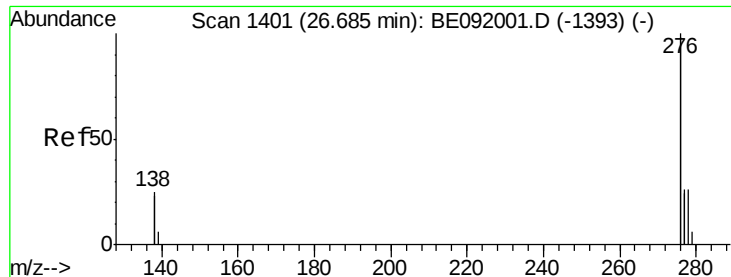
Delta R.T. 0.00 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	4.3	0.0	0.0
279	0.0	0.0	0.0





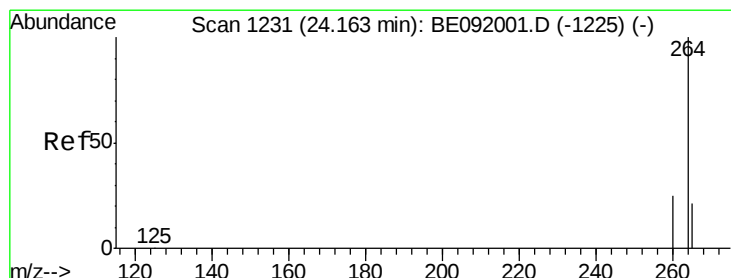
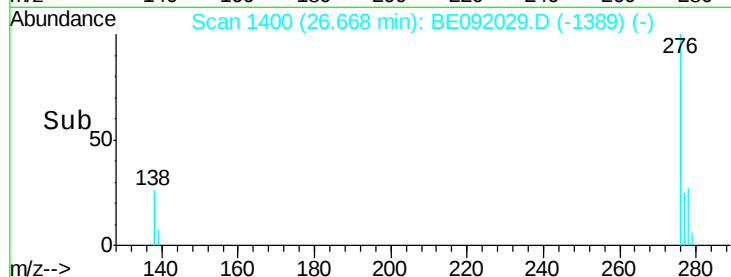
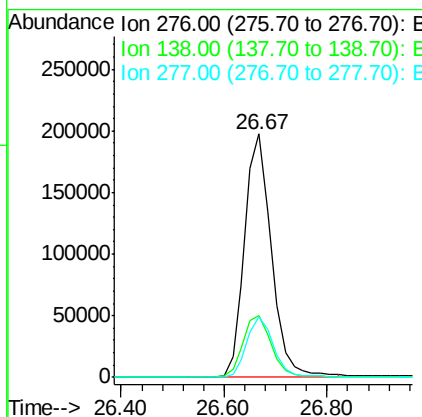
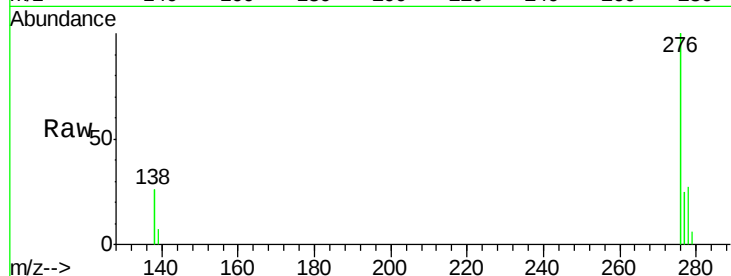
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.62 ng
RT: 26.67 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	26.8	19.7	29.5	
277	24.9	20.1	30.1	

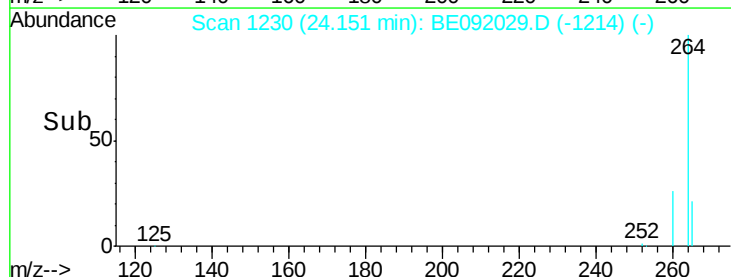
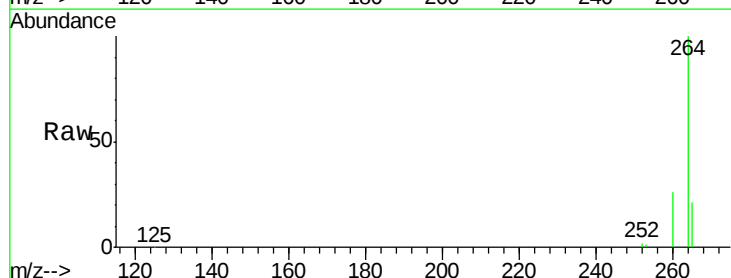
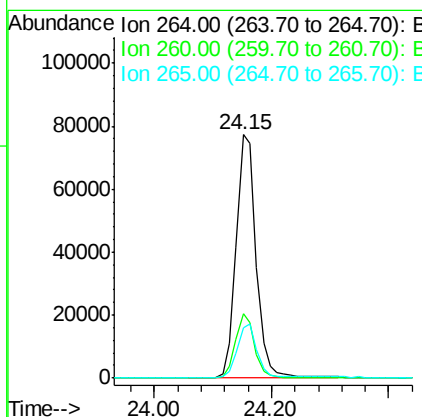
Manual Integrations

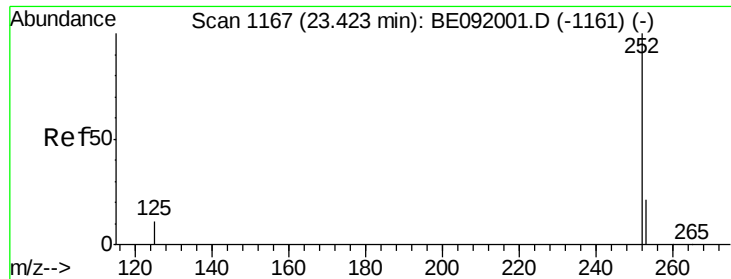
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.15 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BE092029.D
Acq: 23 Jul 2016 5:43

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	26.4	20.3	30.5	
265	20.9	17.6	26.4	





#41

Benzo(b)fluoranthene

Concen: 3.34 ng

RT: 23.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BE092029.D

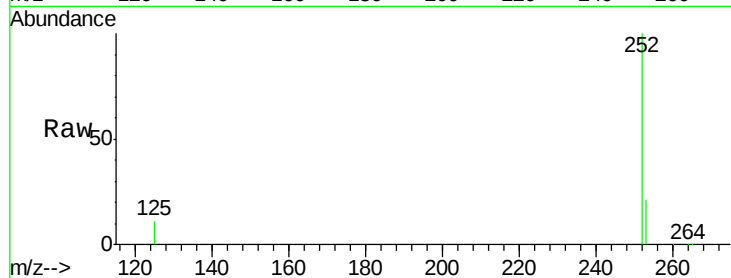
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

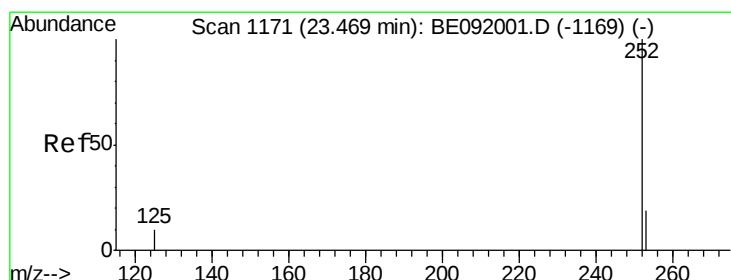
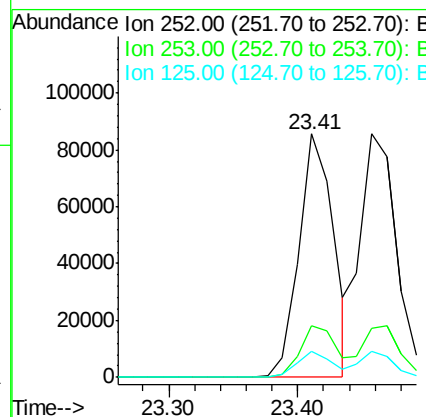


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	10.7	9.4	14.2

Manual Integrations

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7/25/2016 6:46:35 PM



#42

Benzo(k)fluoranthene

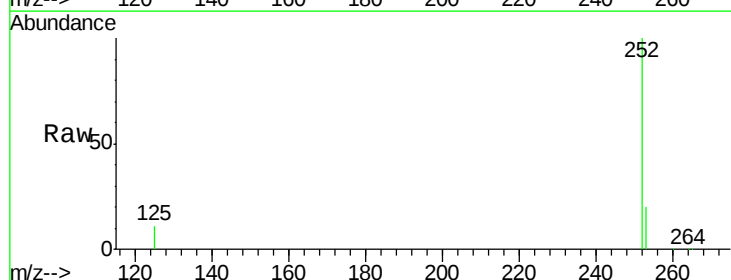
Concen: 3.49 ng

RT: 23.46 min Scan# 1170

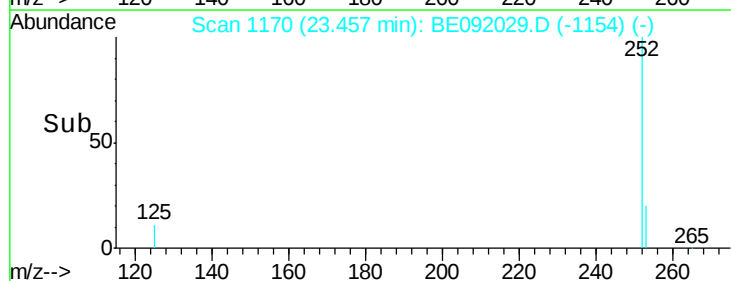
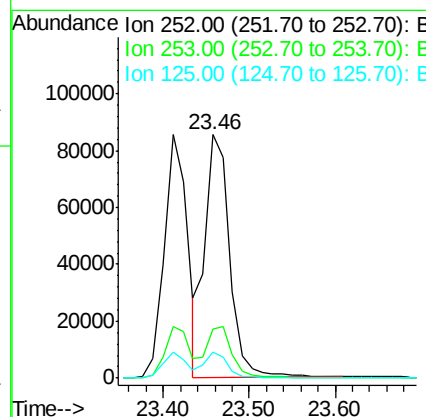
Delta R.T. -0.01 min

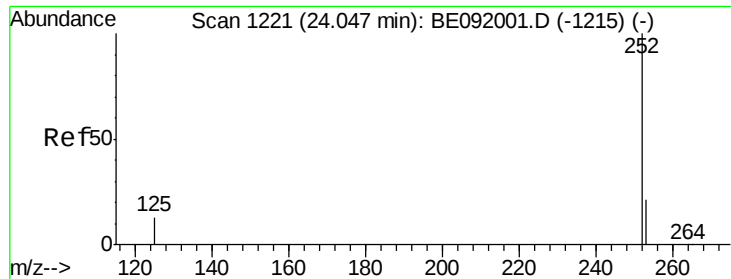
Lab File: BE092029.D

Acq: 23 Jul 2016 5:43



Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	19.4	29.2
125	10.9	8.3	12.5





#43

Benzo(a)pyrene

Concen: 3.43 ng

RT: 24.05 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE092029.D

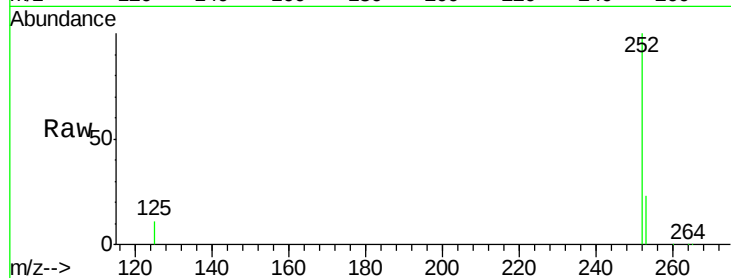
Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

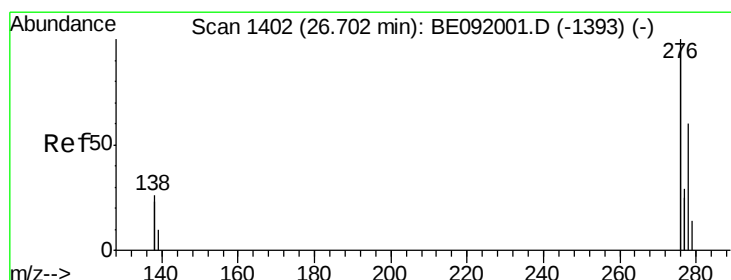
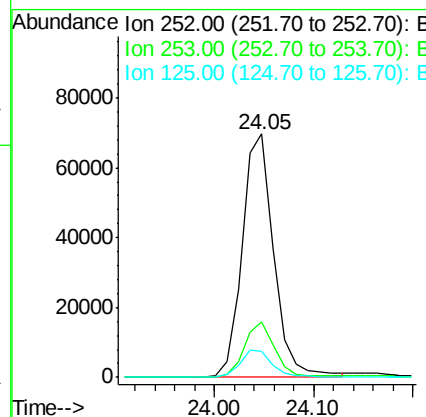


Tgt Ion:	252	Resp:	152159
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.9	28.3
125	10.8	10.5	15.7

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7/25/2016 6:46:35 PM



#44

Dibenzo(a,h)anthracene

Concen: 3.71 ng

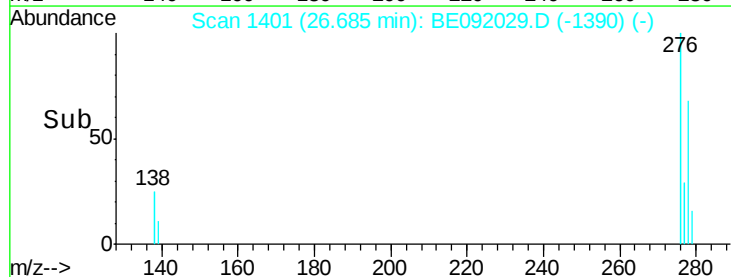
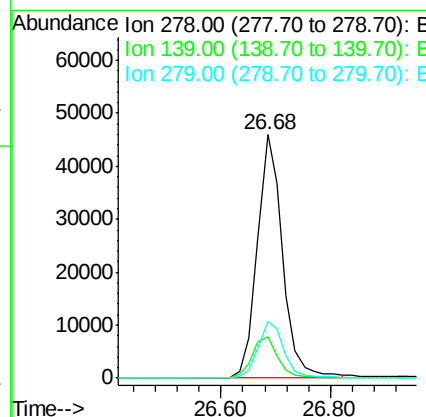
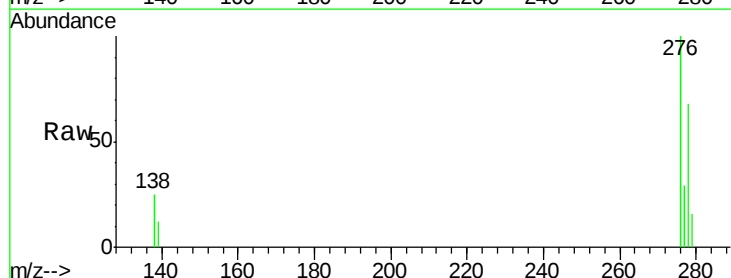
RT: 26.68 min Scan# 1401

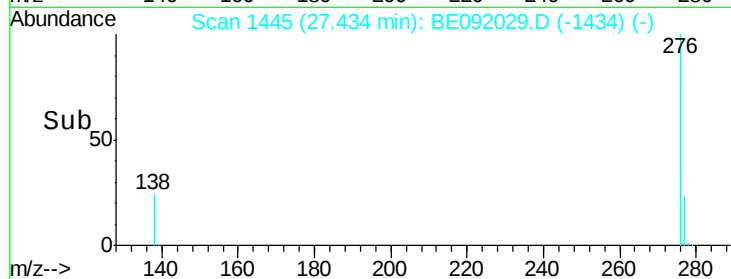
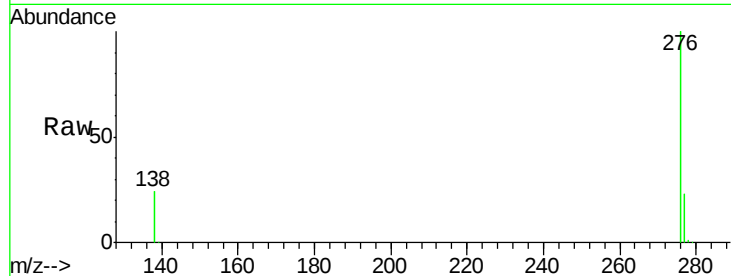
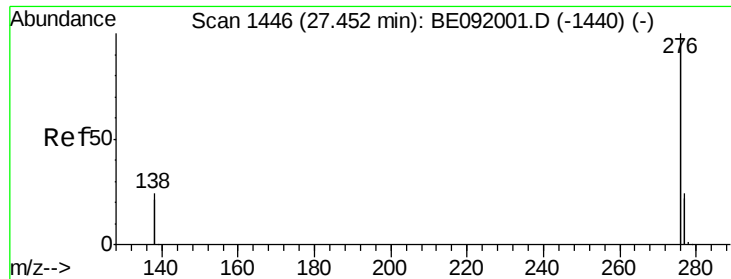
Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Tgt Ion:	278	Resp:	147068
Ion Ratio	Lower	Upper	
278	100		
139	17.0	12.6	18.8
279	23.3	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 3.68 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BE092029.D

Acq: 23 Jul 2016 5:43

Instrument :

BNA_E

ClientSampleId :

PB92309BS

Tgt	Ion	276	Resp	596884
Ion	Ratio	Lower	Upper	
276	100			
277	22.8	19.5	29.3	
138	23.7	17.7	26.5	

Manual Integrations

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7/25/2016 6:46:35 PM

