

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092025.D
 Acq On : 23 Jul 2016 3:11
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations

sohil
 7/25/2016 6:46:23 PM

Quant Time: Jul 23 05:03:38 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	20620	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	100741	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	64961	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	156980	5.00	ng	0.00
31) Chrysene-d12	21.76	240	192659	5.00	ng	0.00
40) Perylene-d12	24.16	264	158562	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1899	0.48	ng	0.00
5) Phenol-d6	7.37	99	2563	0.47	ng	0.00
9) Nitrobenzene-d5	9.36	82	2522	0.42	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	689	0.48	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	7259	0.42	ng	0.00
34) Terphenyl-d14	20.22	244	9141	0.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1132	0.41	ng	94
3) n-Nitrosodimethylamine	3.82	42	1300	0.42	ng	# 81
6) bis(2-Chloroethyl)ether	7.61	93	2424	0.41	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	2024	0.40	ng	# 94
10) Nitrobenzene	9.40	77	2736	0.45	ng	# 99
11) bis(2-Chloroethoxy)methane	10.42	93	3680	0.49	ng	# 21
12) Naphthalene	11.04	128	9313	0.41	ng	97
13) Hexachlorobutadiene	11.34	225	1356	0.41	ng	98
14) 2-Methylnaphthalene	12.68	142	5912	0.41	ng	95
18) Acenaphthylene	14.56	152	42928	0.43	ng	# 71
19) 2,6-Dinitrotoluene	14.44	165	5026	0.43	ng	# 10
20) Acenaphthene	14.92	154	6840	0.40	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	4257m	0.47	ng	
22) Fluorene	15.90	166	8558	0.42	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	4265	0.42	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	2628	0.40	ng	97
26) Hexachlorobenzene	16.90	284	2800	0.42	ng	98
27) Pentachlorophenol	17.25	266	560	0.52	ng	87
28) Phenanthrene	17.63	178	16608	0.41	ng	100
29) Anthracene	17.72	178	14855	0.40	ng	100
30) Fluoranthene	19.63	202	66006	0.41	ng	# 67
32) Benzidine	19.83	184	3685	0.57	ng	# 96
33) Pyrene	19.99	202	74610	0.53	ng	# 81
35) Benzo(a)anthracene	21.73	228	24379m	0.56	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	3846	0.66	ng	# 69
37) Chrysene	21.79	228	27110m	0.51	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	29142	0.84	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	68601	0.47	ng	99
41) Benzo(b)fluoranthene	23.42	252	17666	0.42	ng	97
42) Benzo(k)fluoranthene	23.47	252	16427	0.39	ng	98
43) Benzo(a)pyrene	24.05	252	15311	0.40	ng	100
44) Dibenzo(a,h)anthracene	26.70	278	13769	0.40	ng	99
45) Benzo(g,h,i)perylene	27.45	276	58177	0.41	ng	99

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092025.D
Acq On : 23 Jul 2016 3:11
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations

sohil
7/25/2016 6:46:23 PM

Quant Time: Jul 23 05:03:38 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)
--------------------	------	------	----------	------	-------	----------

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

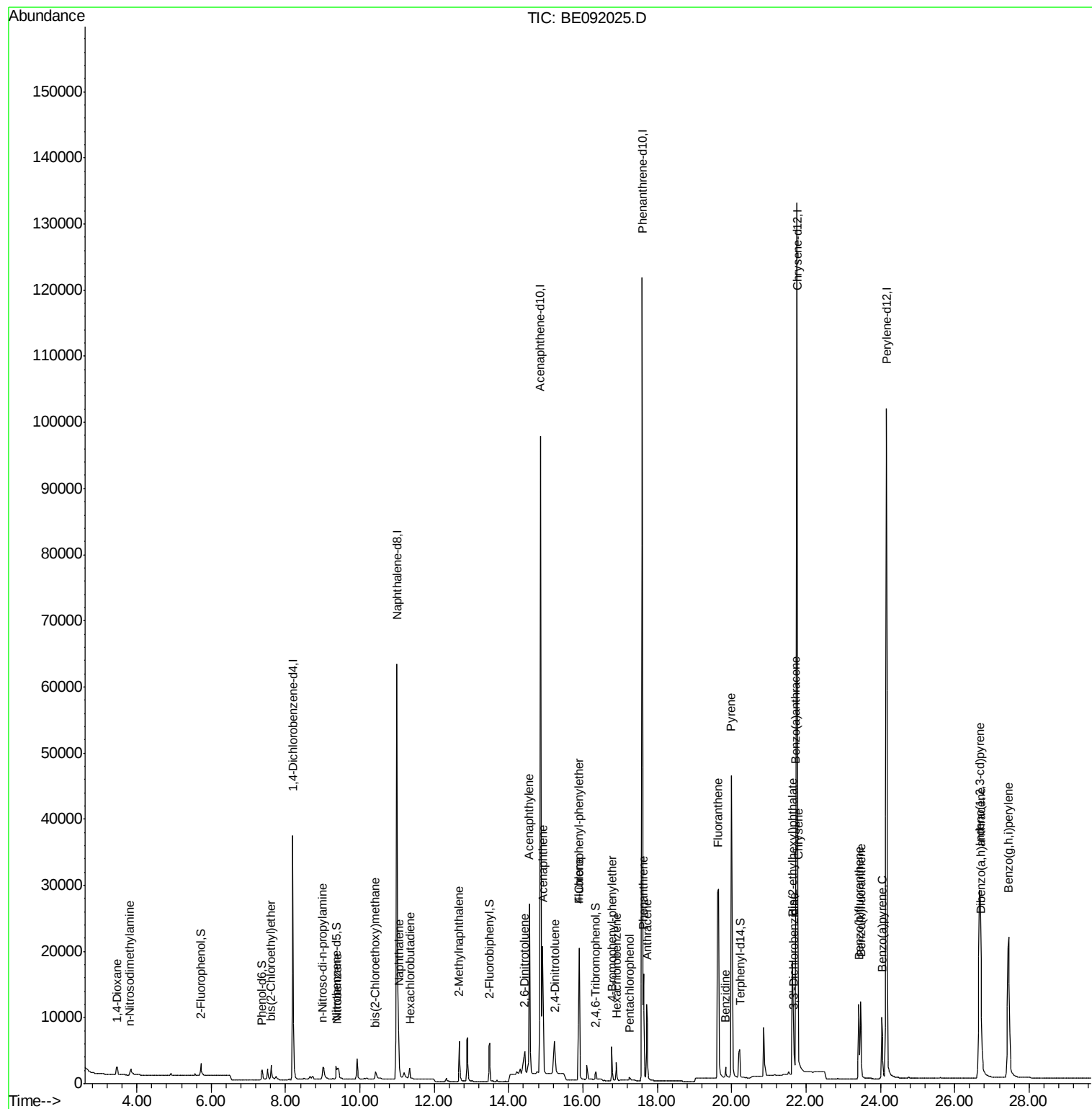
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092025.D
Acq On : 23 Jul 2016 3:11
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

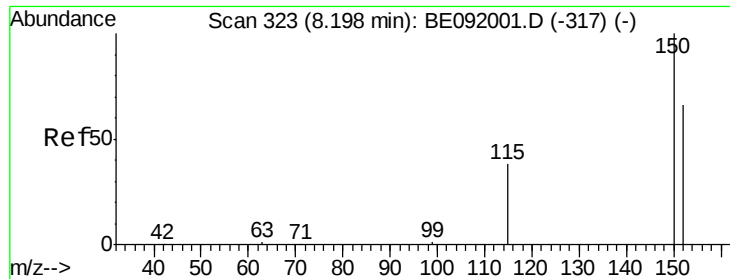
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations

Quant Time: Jul 23 05:03:38 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

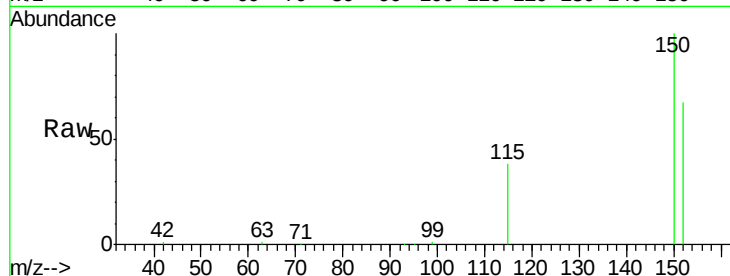
APPROVED
sohil
7/25/2016 6:46:23 PM





#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BE092025.D
 Acq: 23 Jul 2016 3:11

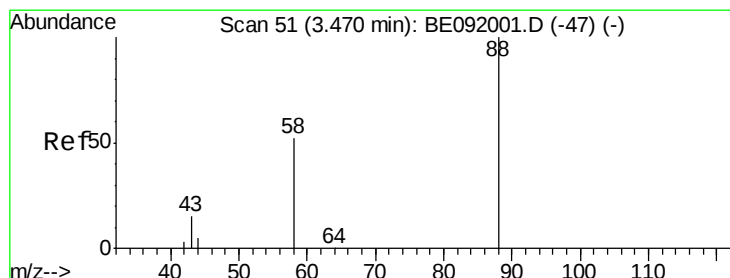
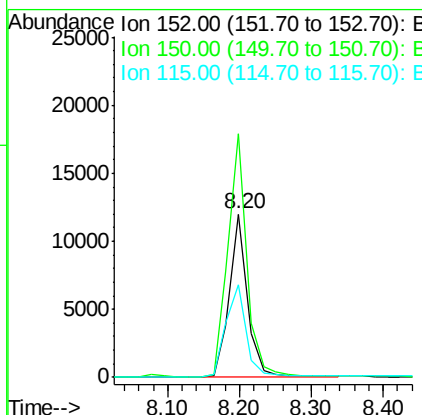
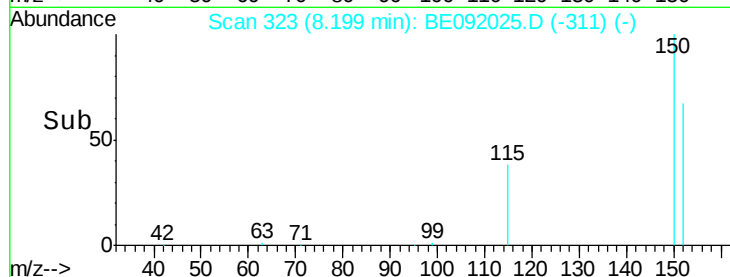
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4



Tgt Ion: 152 Resp: 20620
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.9 185.9
 115 56.5 48.3 72.5

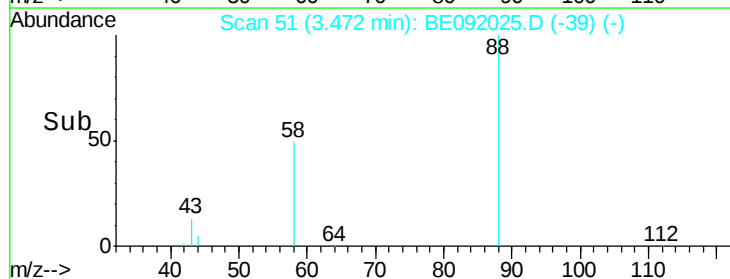
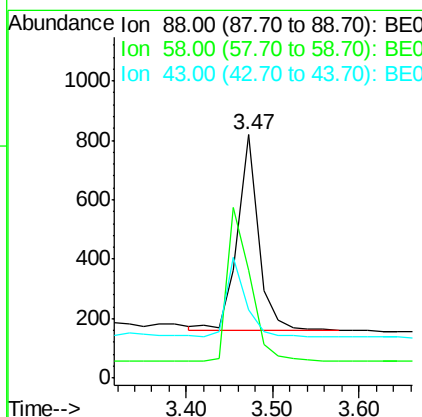
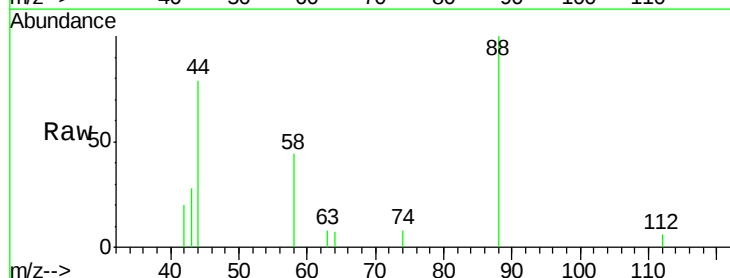
Manual Integrations

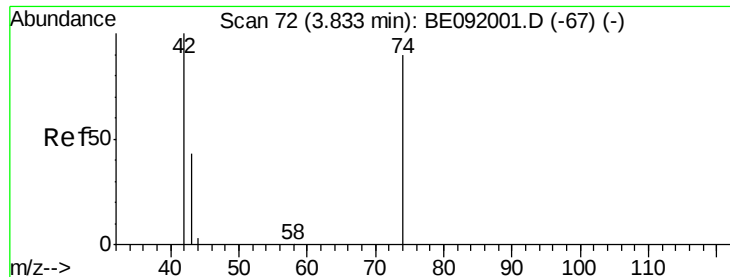
sohil
 7/25/2016 6:46:23 PM



#2
 1,4-Dioxane
 Concen: 0.41 ng
 RT: 3.47 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BE092025.D
 Acq: 23 Jul 2016 3:11

Tgt Ion: 88 Resp: 1132
 Ion Ratio Lower Upper
 88 100
 58 85.2 63.0 94.4
 43 37.5 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.42 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

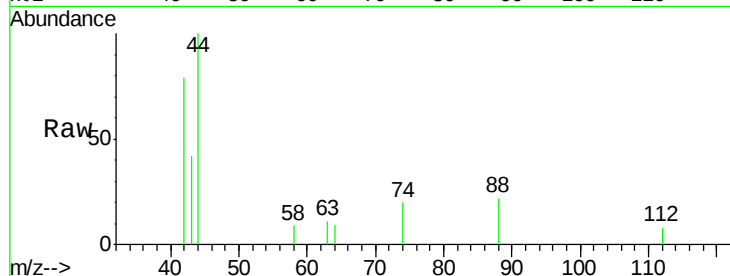
ClientSampleId :

SSTDCCC0.4

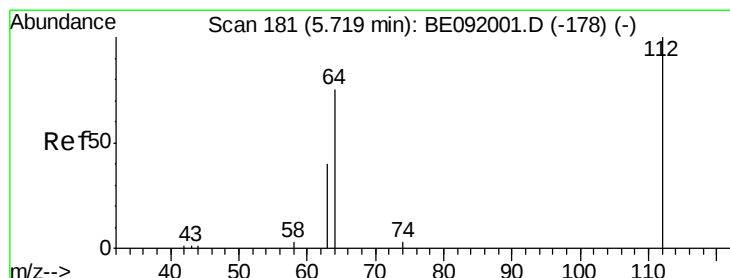
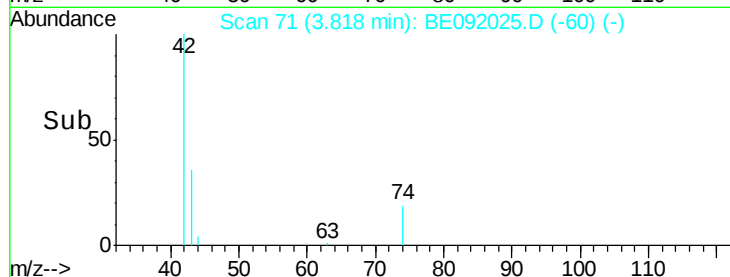
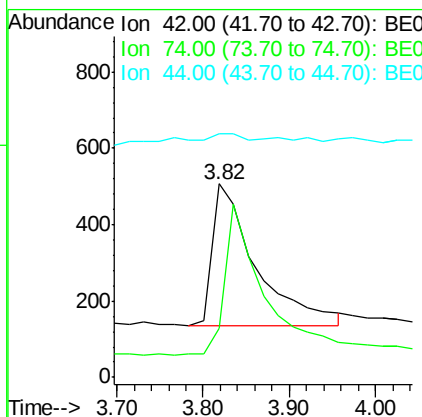
Manual Integrations

sohil

7/25/2016 6:46:23 PM



Tgt Ion:	42	Resp:	1300
Ion	Ratio	Lower	Upper
42	100		
74	95.4	93.4	140.0
44	12.3	5.0	7.6#



#4

2-Fluorophenol

Concen: 0.48 ng

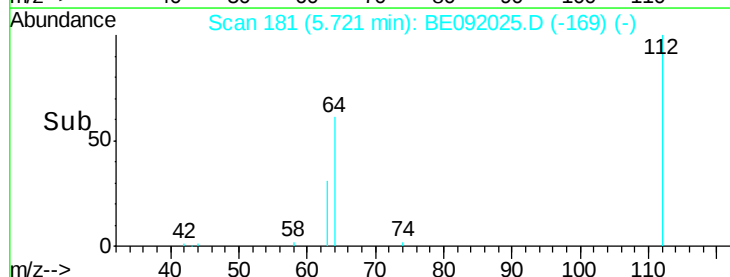
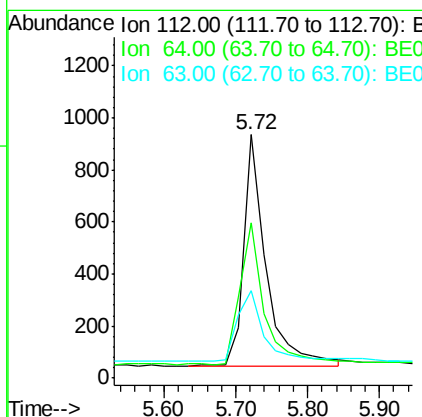
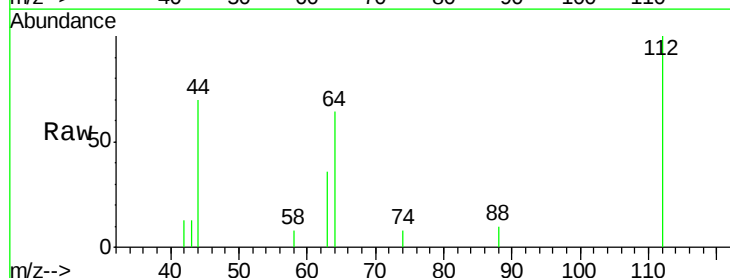
RT: 5.72 min Scan# 181

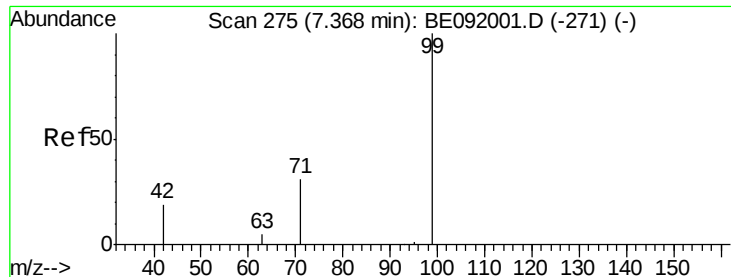
Delta R.T. 0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Tgt Ion:	112	Resp:	1899
Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.7	80.5
63	37.1	29.5	44.3





#5

Phenol-d6

Concen: 0.47 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

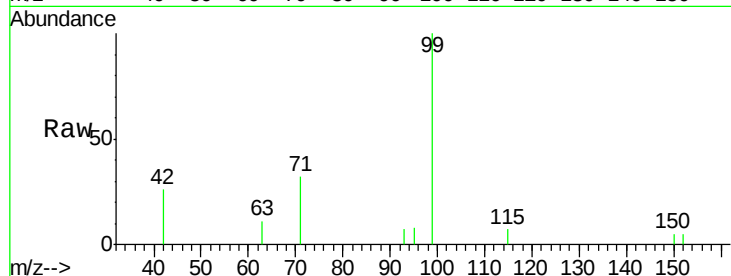
SSTDCCC0.4

Tgt Ion:	99	Resp:	2563
Ion	Ratio	Lower	Upper
99	100		
42	25.8	19.6	29.4
71	35.8	28.1	42.1

Manual Integrations

sohil

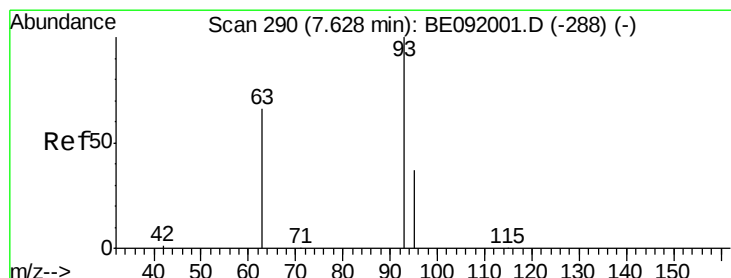
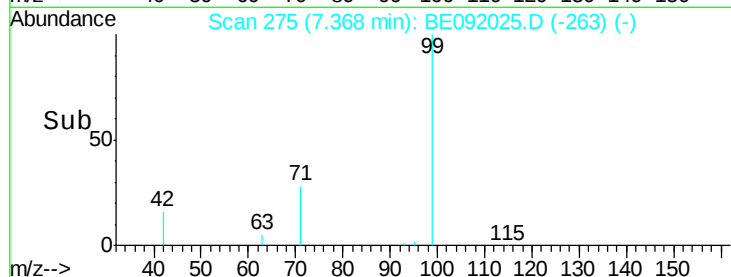
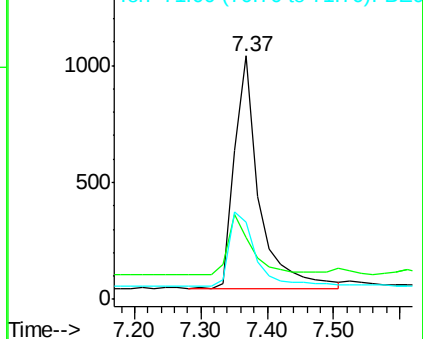
7/25/2016 6:46:23 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE092025.D

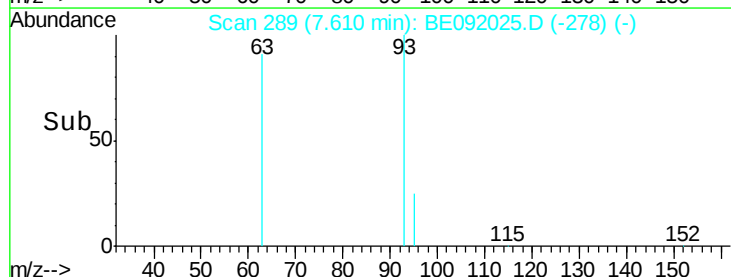
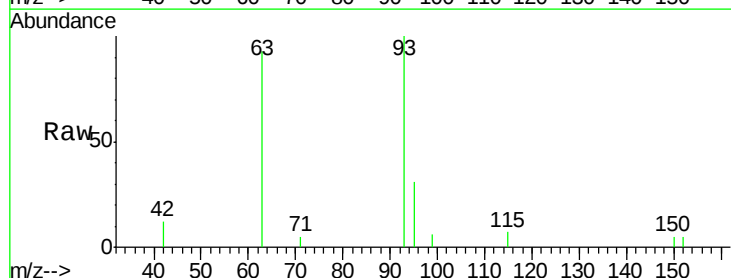
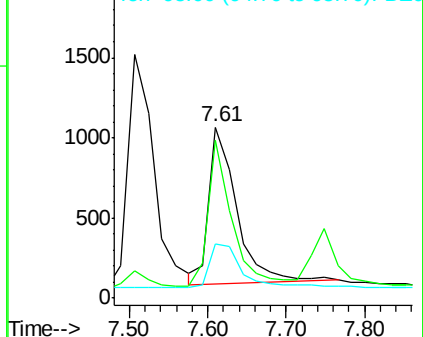
Acq: 23 Jul 2016 3:11

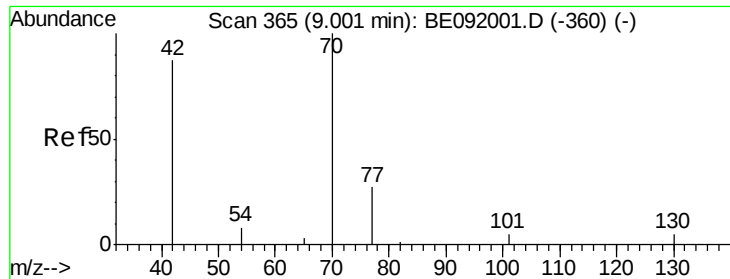
Tgt Ion:	93	Resp:	2424
Ion	Ratio	Lower	Upper
93	100		
63	79.4	66.2	99.4
95	32.5	25.5	38.3

Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.40 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092025.D

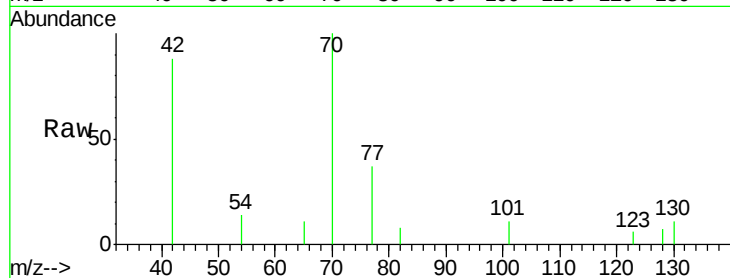
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 70 Resp: 2024

Ion Ratio Lower Upper

70 100

42 78.7 58.4 87.6

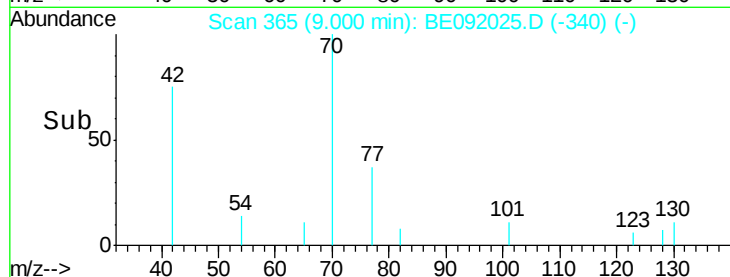
101 8.3 6.4 9.6

130 16.7 0.0 0.0#

Manual Integrations

sohil

7/25/2016 6:46:23 PM

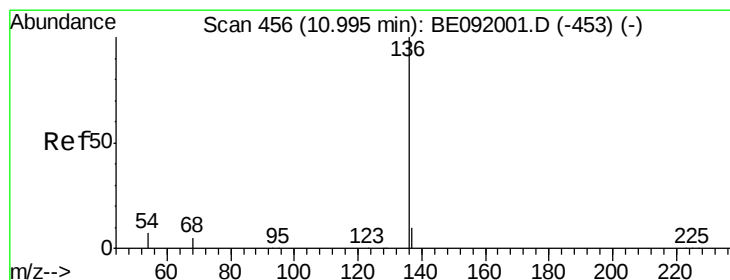
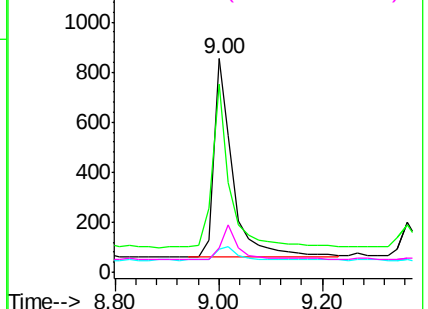


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Tgt Ion: 136 Resp: 100741

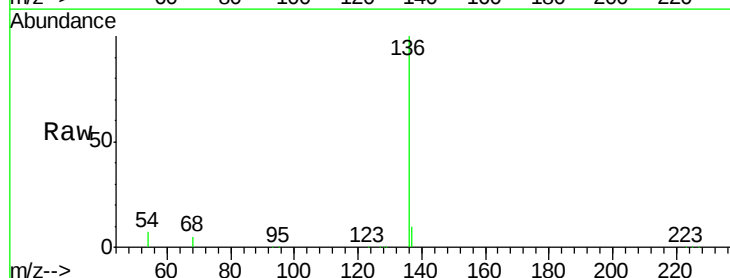
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 6.9 8.2 12.4#

68 5.2 5.9 8.9#

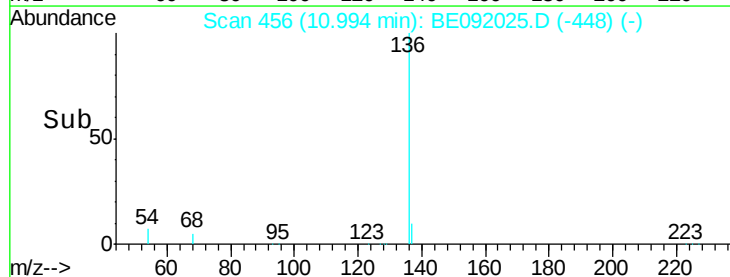
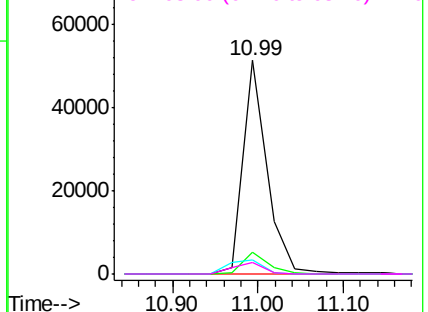


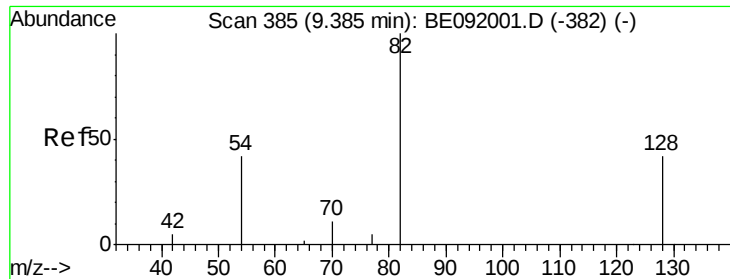
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 0.42 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampled :

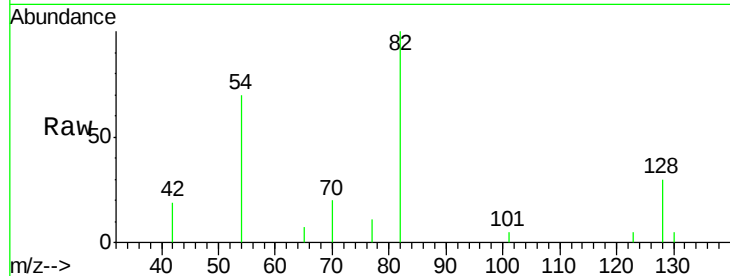
SSTDCCC0.4

Tgt Ion:	82	Resp:	2522
Ion Ratio	Lower	Upper	
82	100		
128	30.1	39.5	59.3#
54	70.0	30.3	45.5#

Manual Integrations

sohil

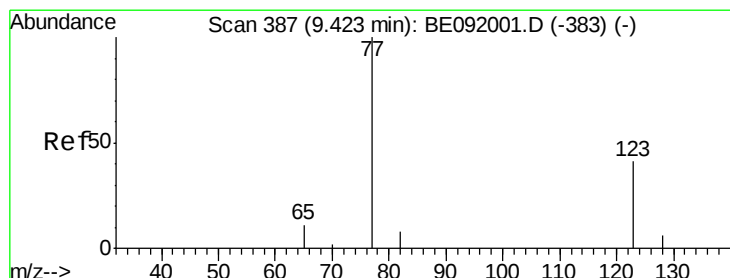
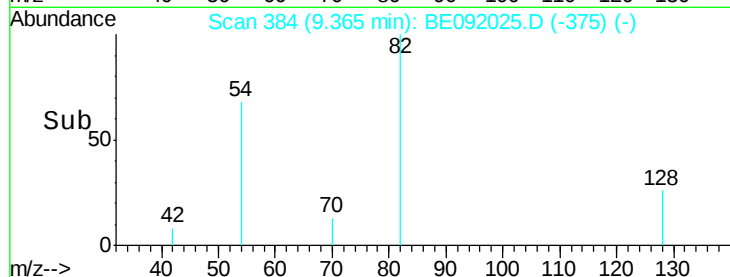
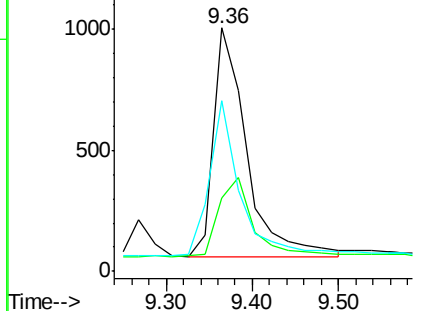
7/25/2016 6:46:23 PM



Abundance Ion 82.00 (81.70 to 82.70): BE092001.D (-382) (-)

Ion 128.00 (127.70 to 128.70): BE092001.D (-382) (-)

Ion 54.00 (53.70 to 54.70): BE092001.D (-382) (-)



#10

Nitrobenzene

Concen: 0.45 ng

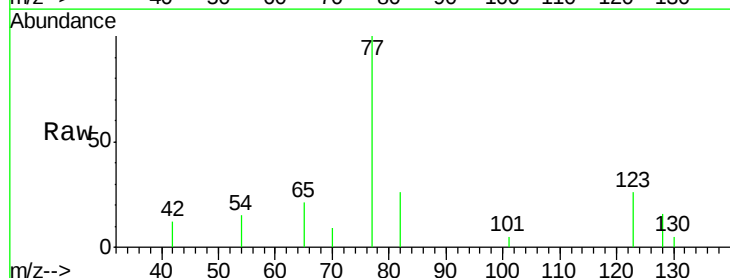
RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

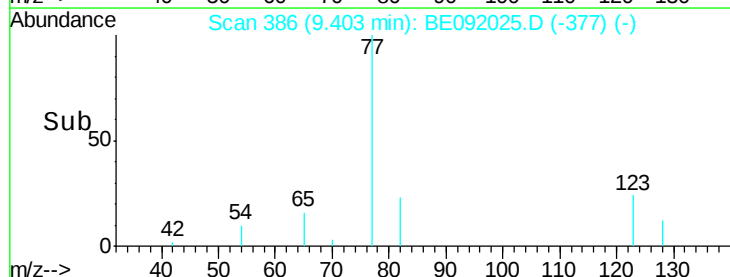
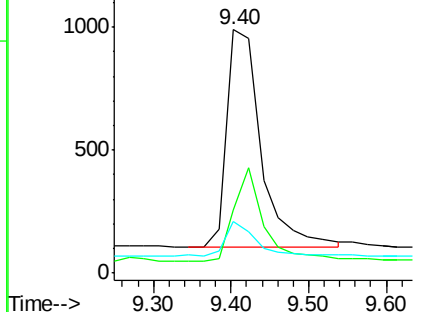
Tgt Ion:	77	Resp:	2736
Ion Ratio	Lower	Upper	
77	100		
123	36.5	0.0	0.0#
65	14.2	11.1	16.7

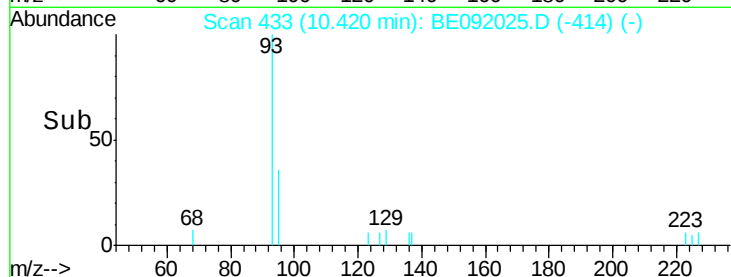
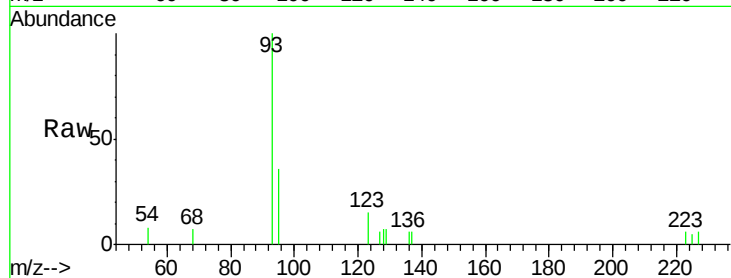
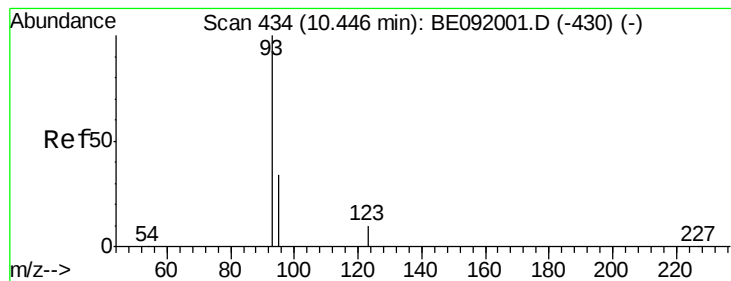


Abundance Ion 77.00 (76.70 to 77.70): BE092001.D (-383) (-)

Ion 123.00 (122.70 to 123.70): BE092001.D (-383) (-)

Ion 65.00 (64.70 to 65.70): BE092001.D (-383) (-)





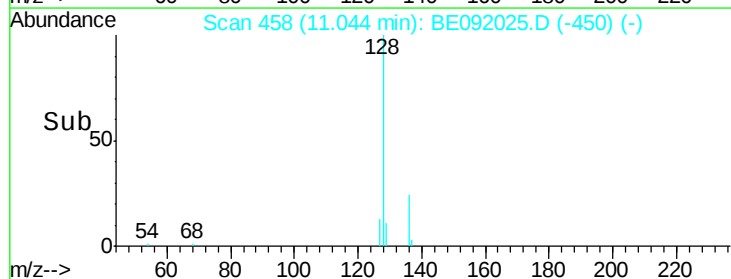
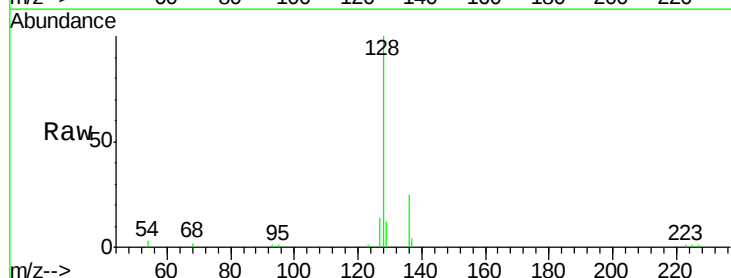
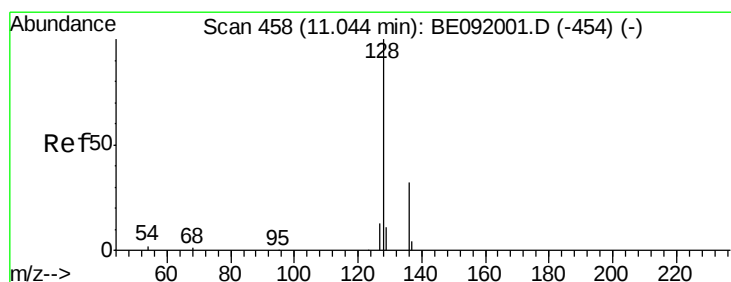
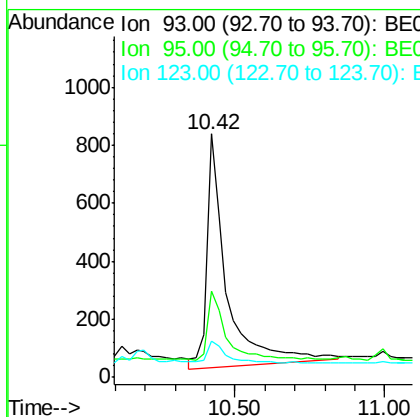
#11
bis(2-Chloroethoxy)methane
Concen: 0.49 ng
RT: 10.42 min Scan# 433
Delta R.T. -0.03 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 93 Resp: 3680
Ion Ratio Lower Upper
93 100
95 39.9 57.6 86.4#
123 8.3 100.2 150.4#

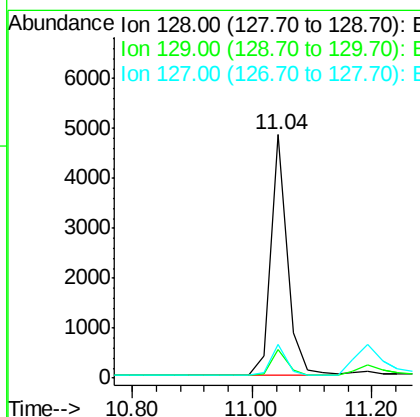
Manual Integrations

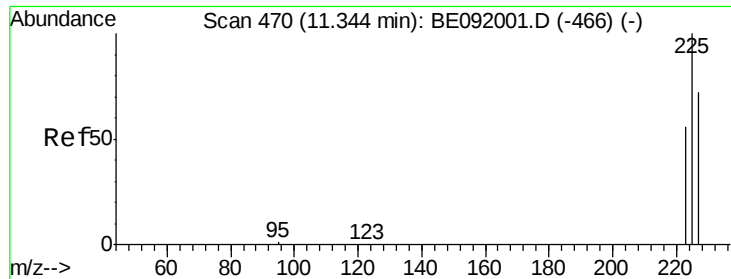
sohil
7/25/2016 6:46:23 PM



#12
Naphthalene
Concen: 0.41 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion: 128 Resp: 9313
Ion Ratio Lower Upper
128 100
129 11.6 10.4 15.6
127 13.9 10.2 15.2





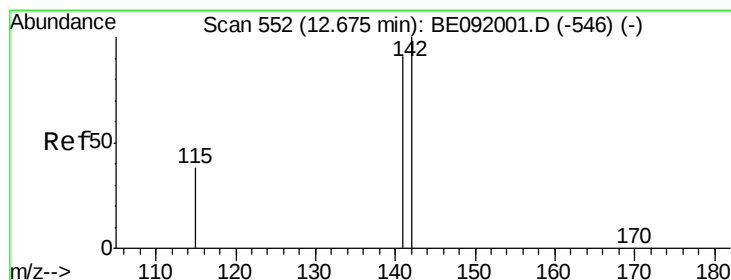
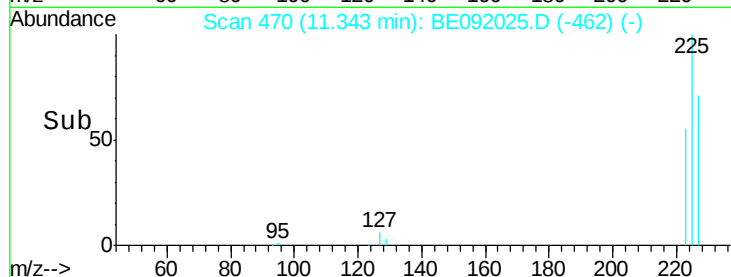
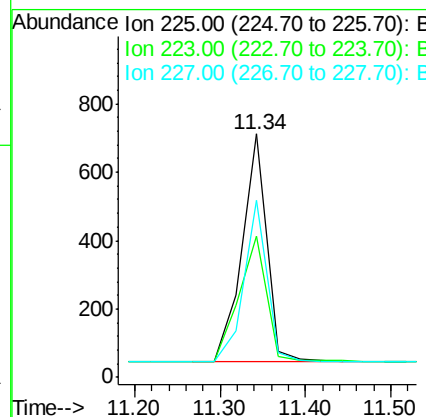
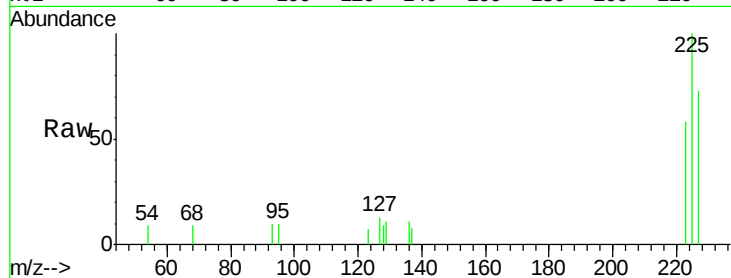
#13
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.8
227	65.7	50.6	75.8

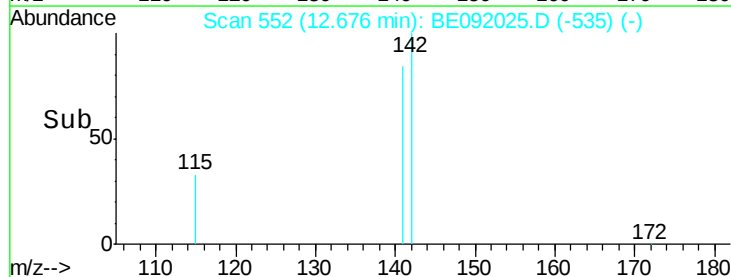
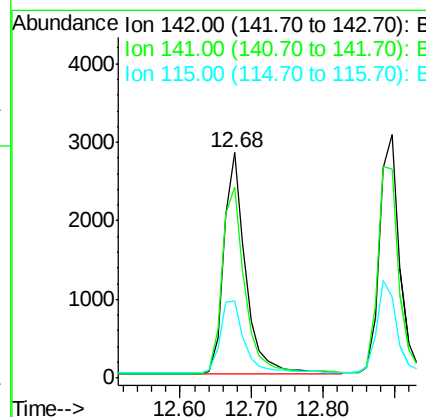
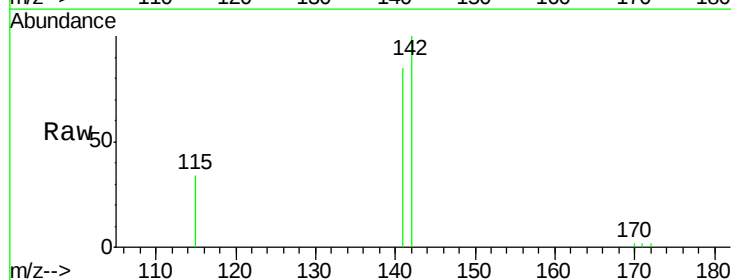
Manual Integrations

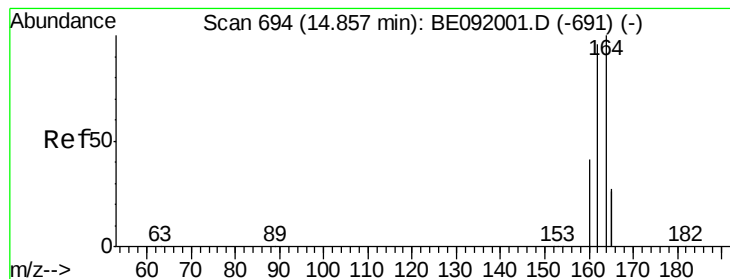
sohil
7/25/2016 6:46:23 PM



#14
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.6	71.9	107.9
115	34.4	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: BE092025.D

Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:164 Resp: 64961

Ion Ratio Lower Upper

164 100

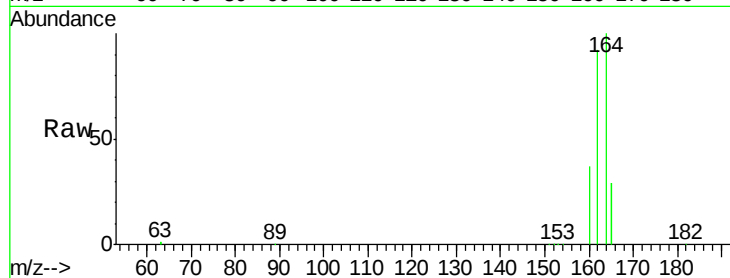
162 92.2 71.8 107.8

160 37.0 28.0 42.0

Manual Integrations

sohil

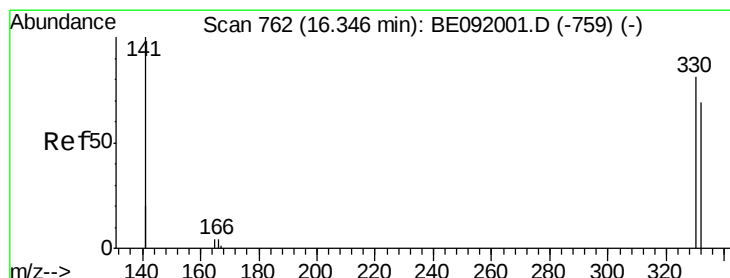
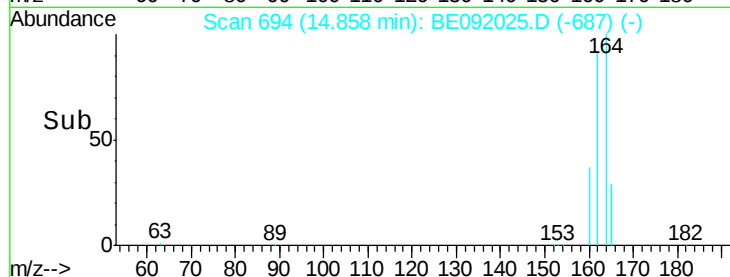
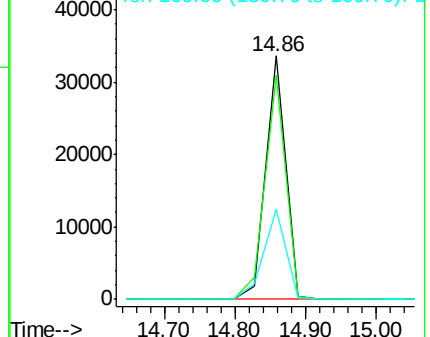
7/25/2016 6:46:23 PM



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: 0.48 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

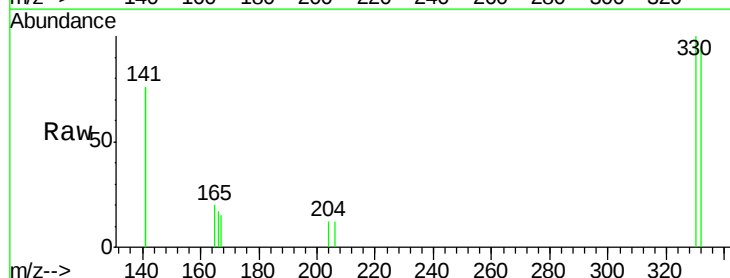
Tgt Ion:330 Resp: 689

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.6

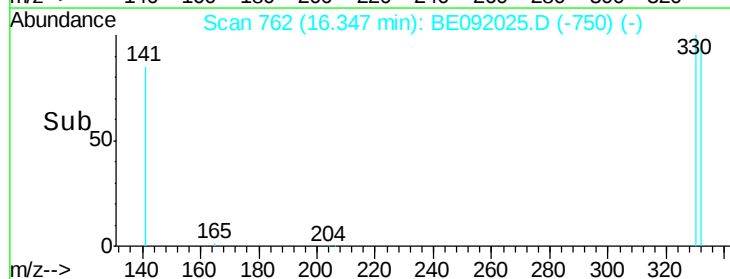
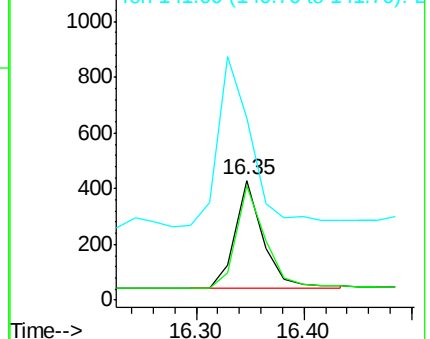
141 193.5 138.4 207.6

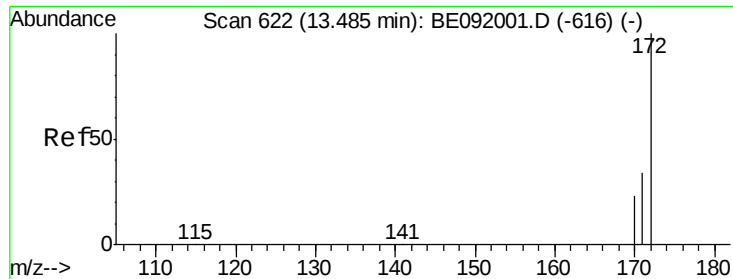


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





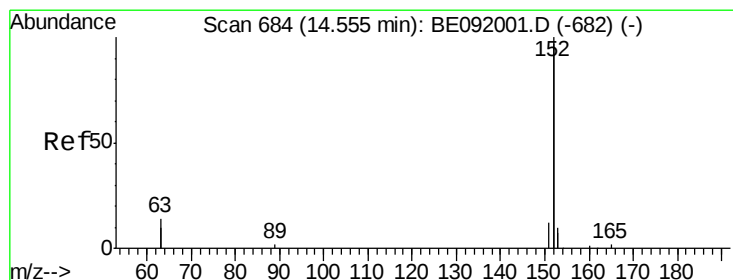
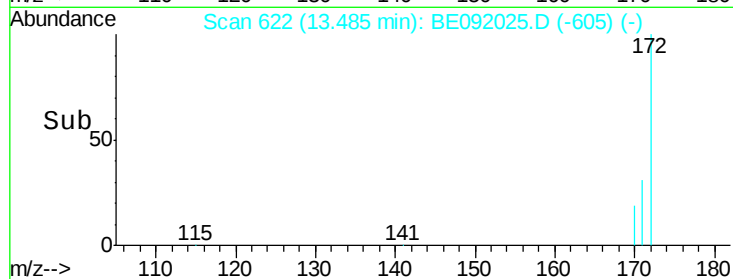
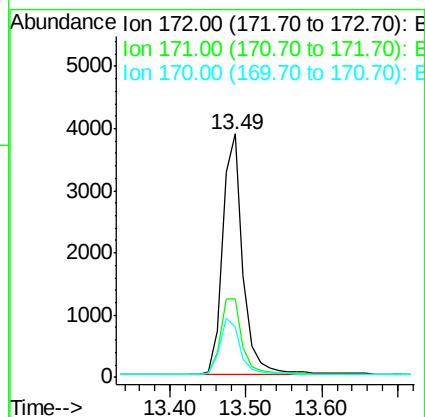
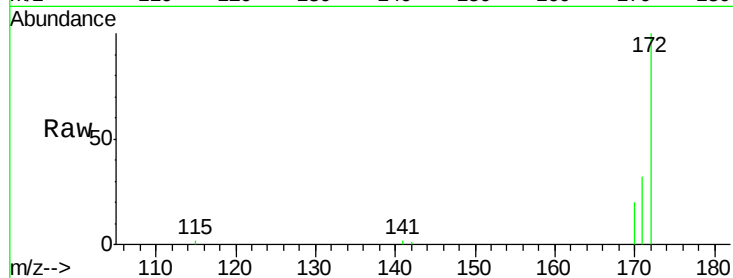
#17
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.1	24.3	36.5
170	20.5	14.9	22.3

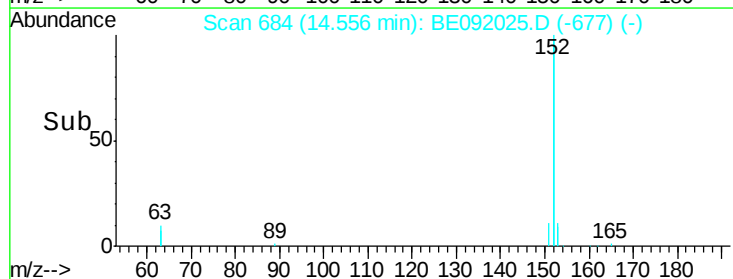
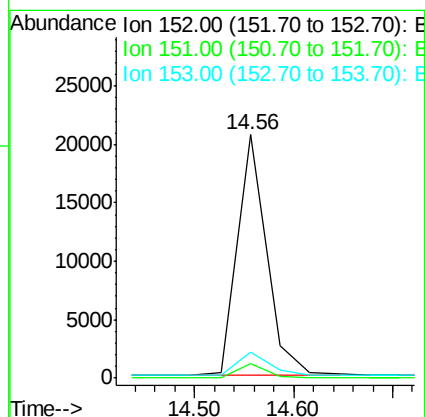
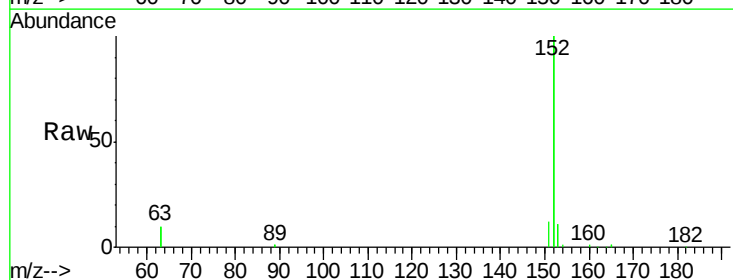
Manual Integrations

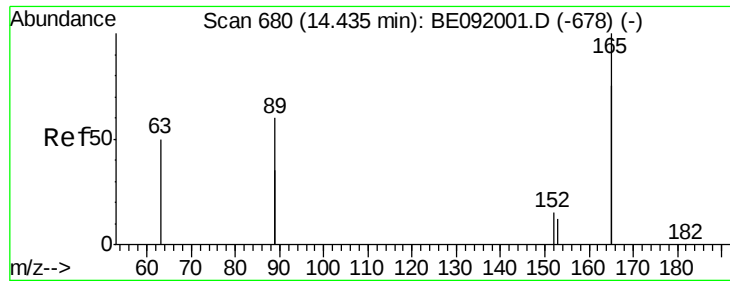
sohil
7/25/2016 6:46:23 PM



#18
Acenaphthylene
Concen: 0.43 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.4	19.4	29.2#
153	11.0	14.4	21.6#





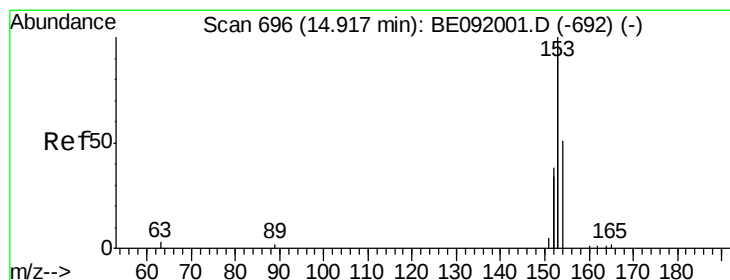
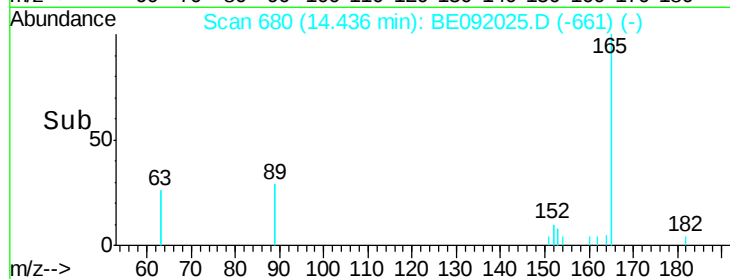
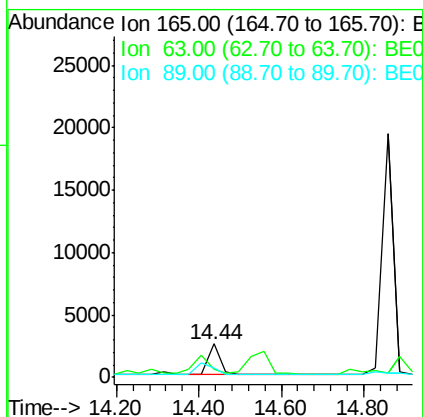
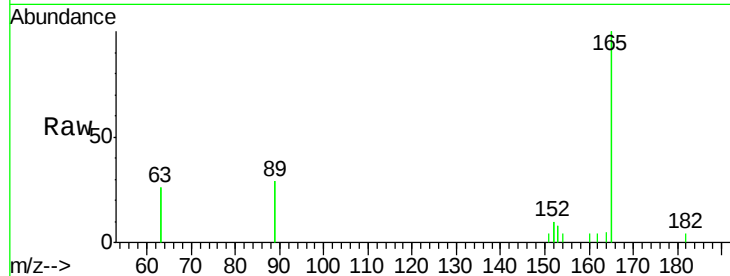
#19
2,6-Dinitrotoluene
Concen: 0.43 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	0.0	59.1	88.7#

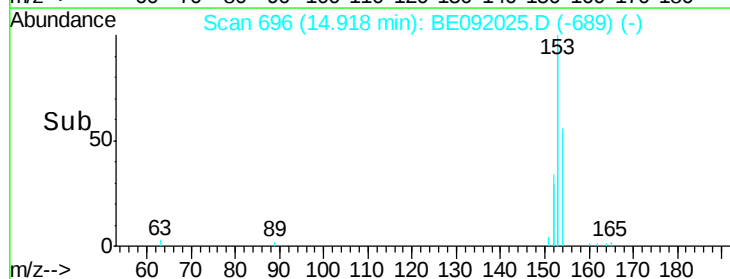
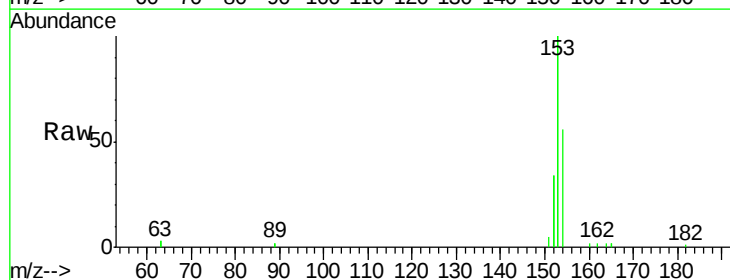
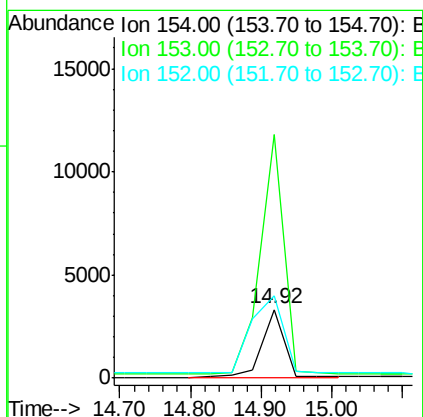
Manual Integrations

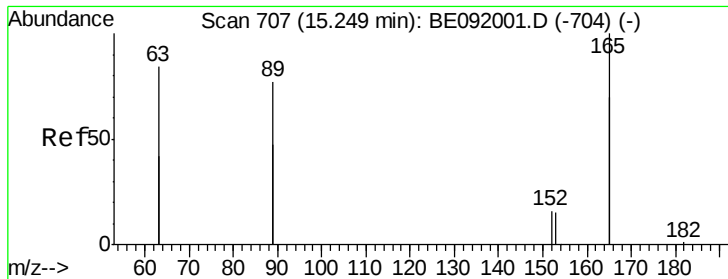
sohil
7/25/2016 6:46:23 PM



#20
Acenaphthene
Concen: 0.40 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

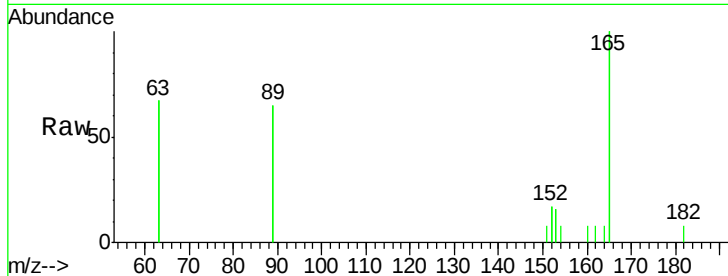
Tgt Ion	Ratio	Lower	Upper
154	100		
153	385.2	88.1	132.1#
152	172.4	44.2	66.2#





#21
2,4-Dinitrotoluene
Concen: 0.47 ng m
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

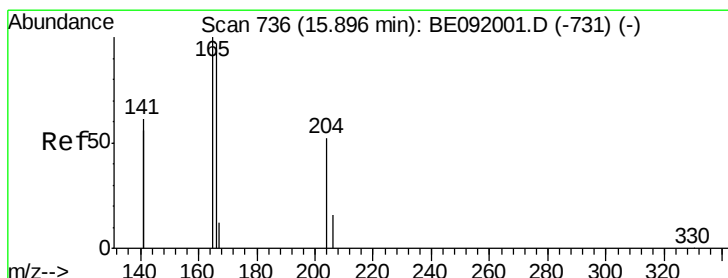
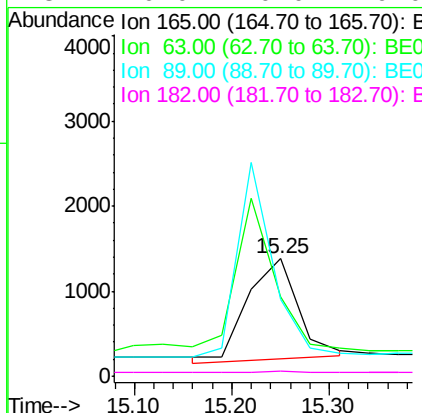
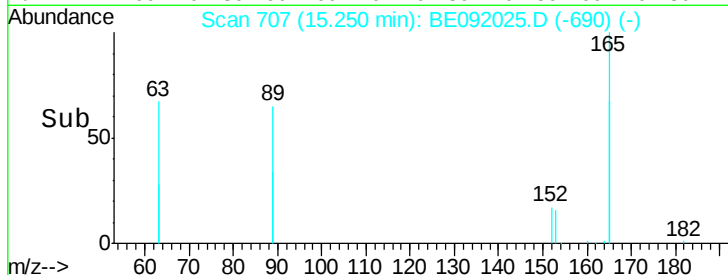
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4



Tgt Ion:165 Resp: 4257
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0

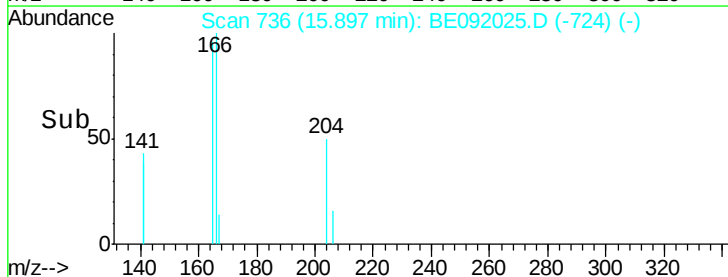
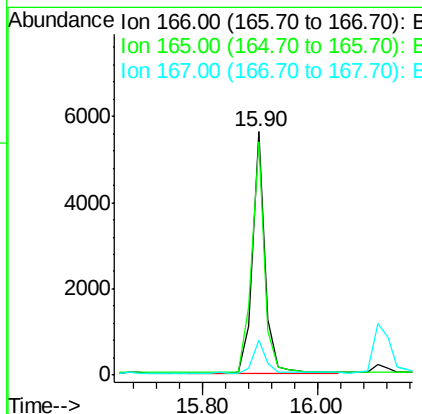
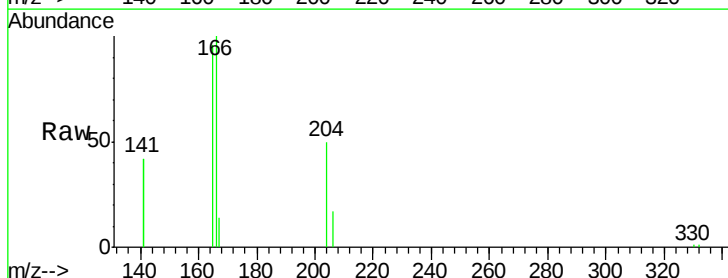
Manual Integrations

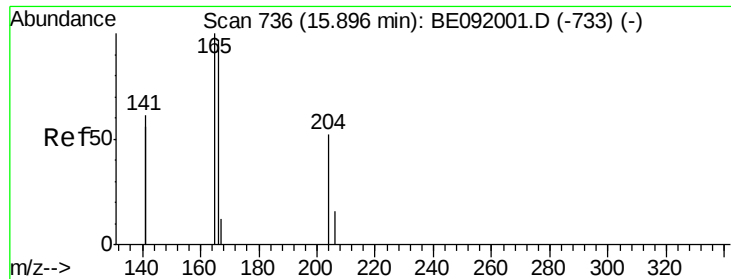
sohil
7/25/2016 6:46:23 PM



#22
Fluorene
Concen: 0.42 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion:166 Resp: 8558
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 13.7 10.8 16.2





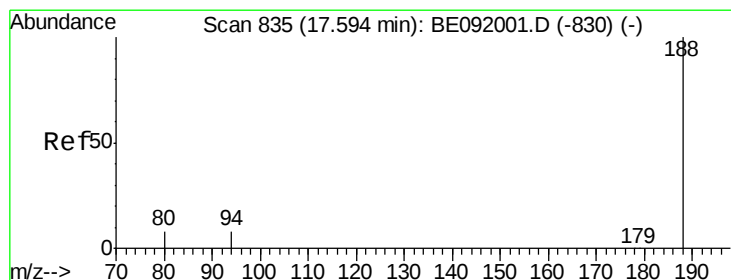
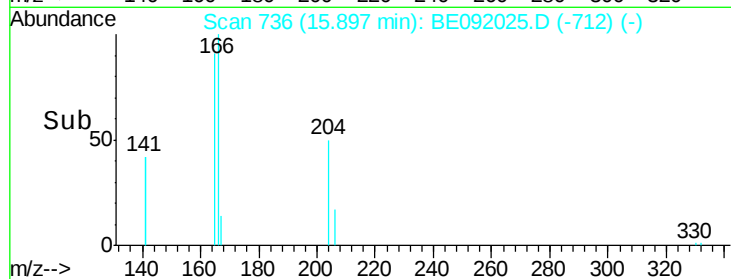
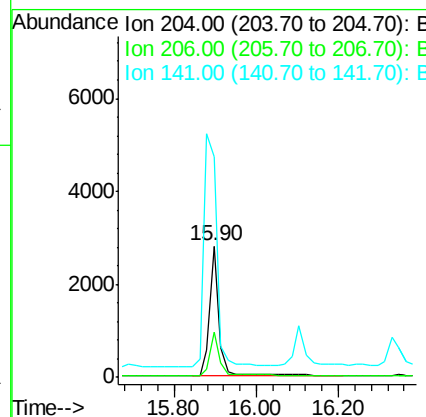
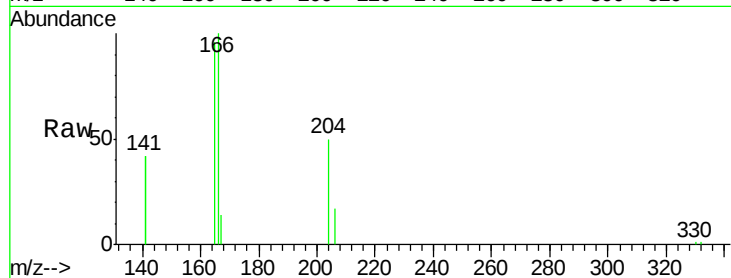
#23
4-Chlorophenyl-phenylether
Concen: 0.42 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 204 Resp: 4265
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.6
141 256.2 197.6 296.4

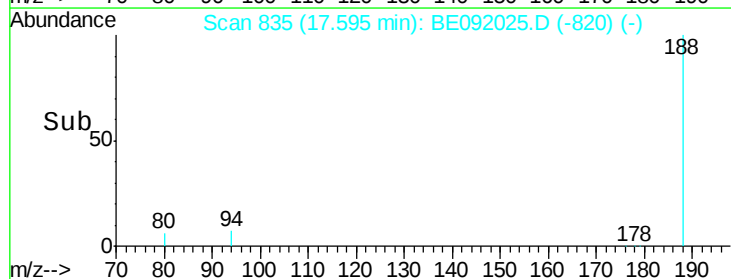
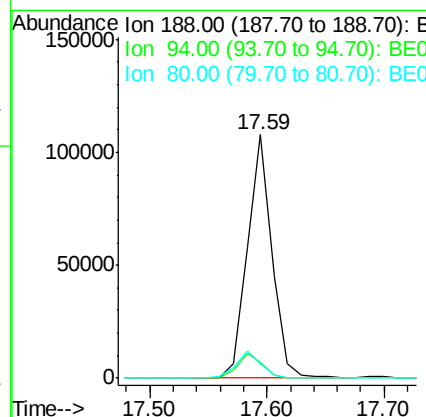
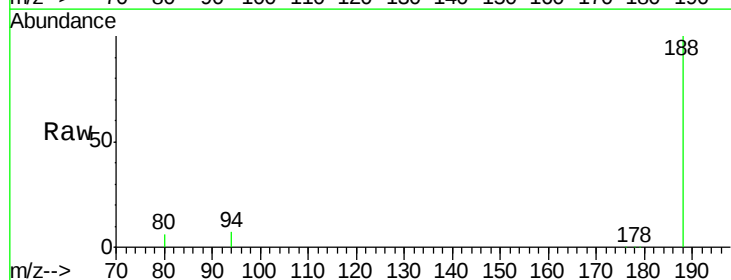
Manual Integrations

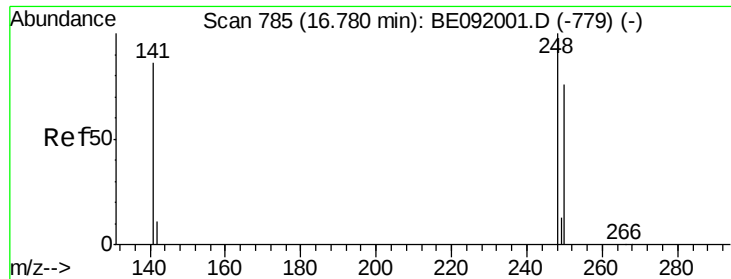
sohil
7/25/2016 6:46:23 PM



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion: 188 Resp: 156980
Ion Ratio Lower Upper
188 100
94 6.7 4.1 6.1#
80 6.0 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.40 ng

RT: 16.78 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE092025.D

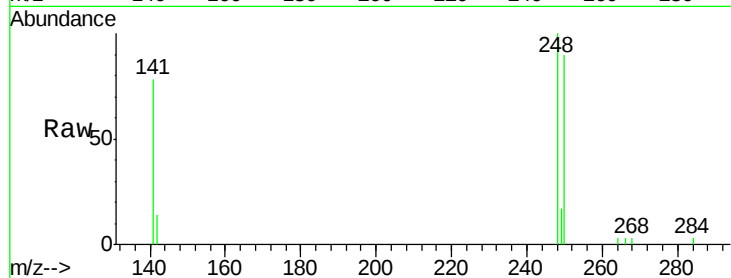
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion:248 Resp: 2628

Ion Ratio Lower Upper

248 100

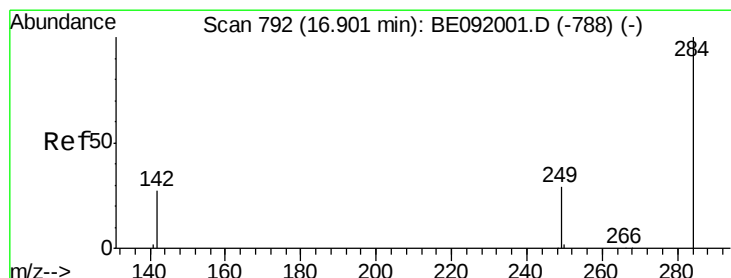
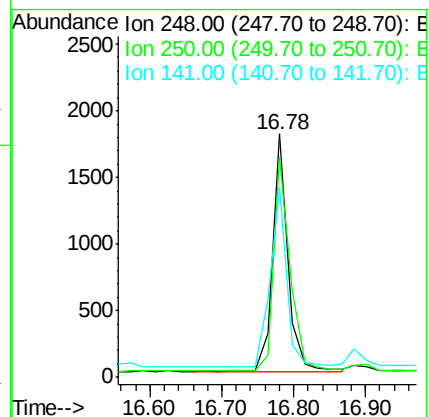
250 96.4 75.7 113.5

141 83.9 64.6 97.0

Manual Integrations

sohil

7/25/2016 6:46:23 PM



#26

Hexachlorobenzene

Concen: 0.42 ng

RT: 16.90 min Scan# 792

Delta R.T. 0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

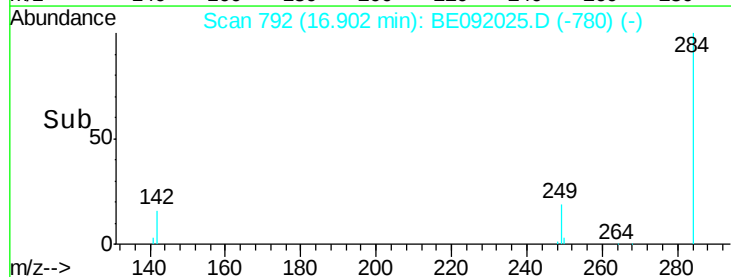
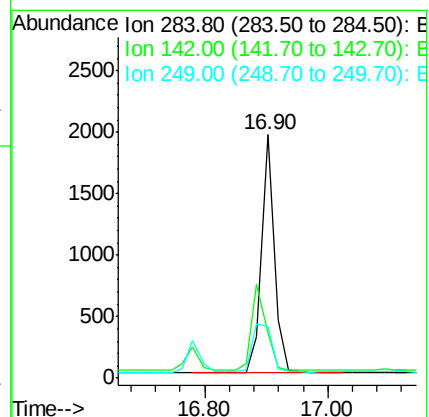
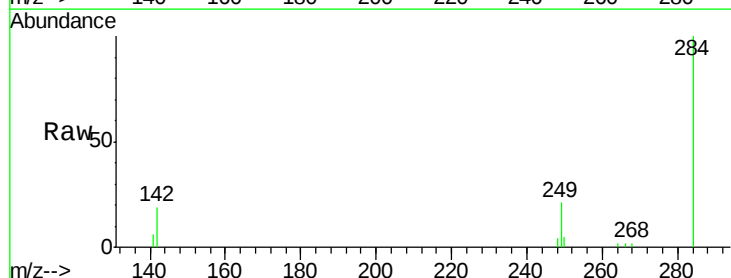
Tgt Ion:284 Resp: 2800

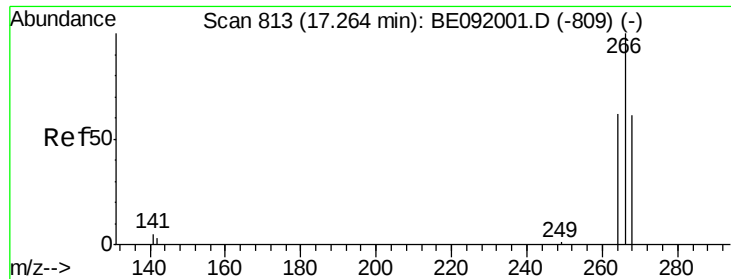
Ion Ratio Lower Upper

284 100

142 40.0 31.4 47.2

249 30.0 25.3 37.9





#27

Pentachlorophenol

Concen: 0.52 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092025.D

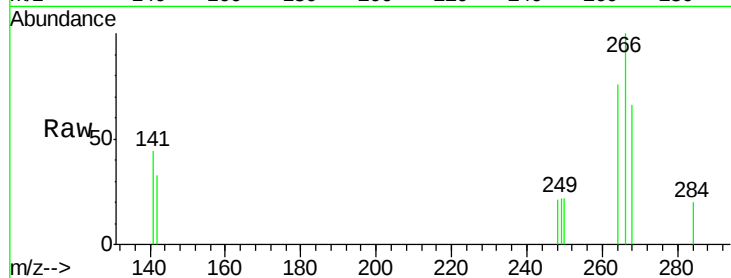
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 266 Resp: 560

Ion Ratio Lower Upper

266 100

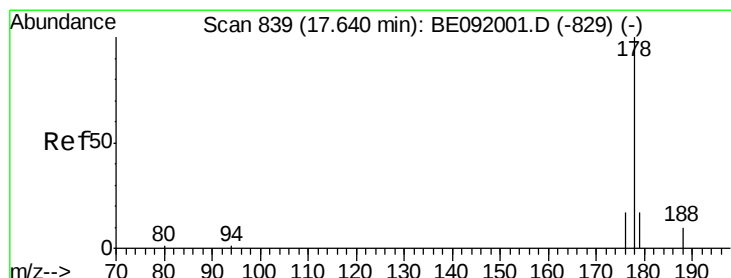
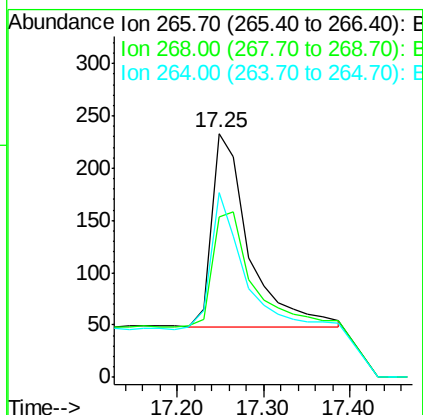
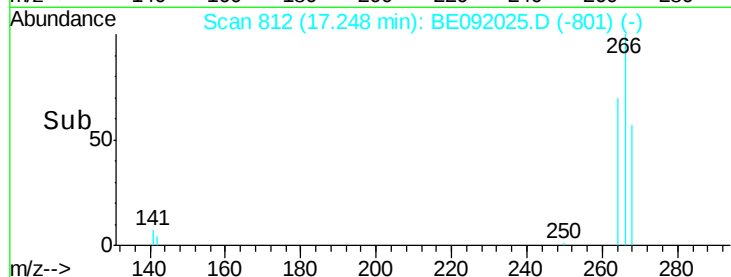
268 66.1 60.5 90.7

264 76.0 51.0 76.4

Manual Integrations

sohil

7/25/2016 6:46:23 PM



#28

Phenanthrene

Concen: 0.41 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

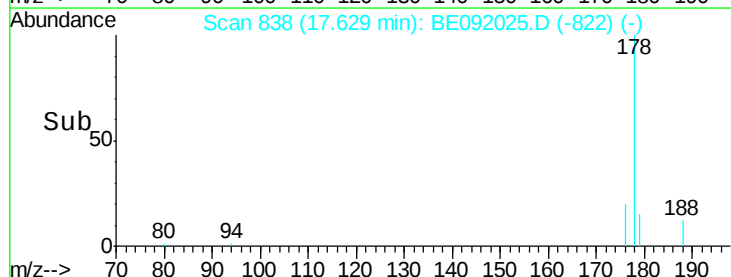
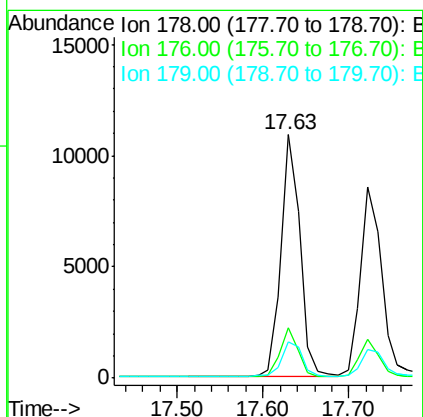
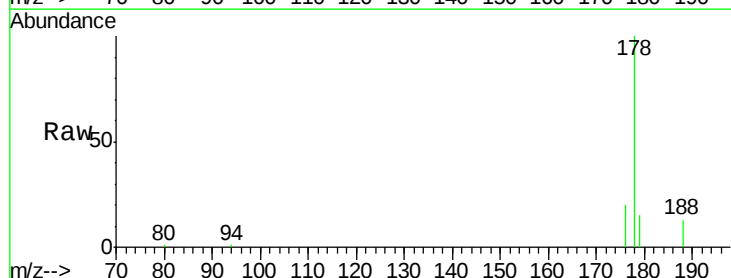
Tgt Ion: 178 Resp: 16608

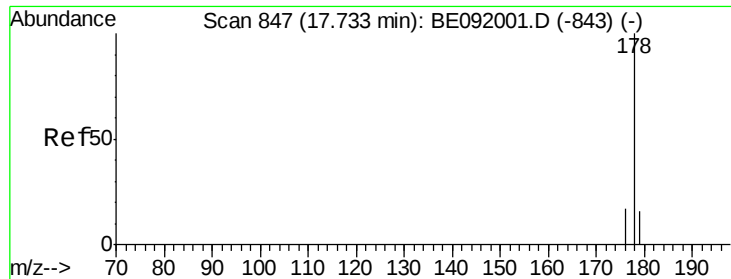
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

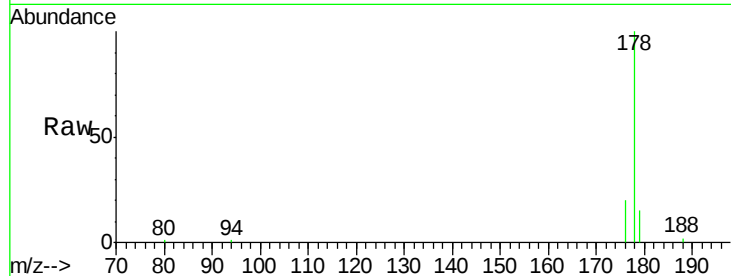
179 16.3 12.9 19.3





#29
 Anthracene
 Concen: 0.40 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE092025.D
 Acq: 23 Jul 2016 3:11

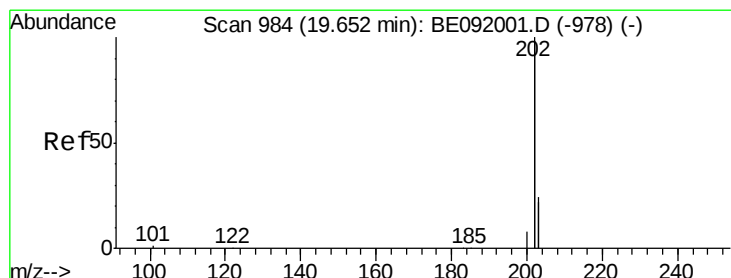
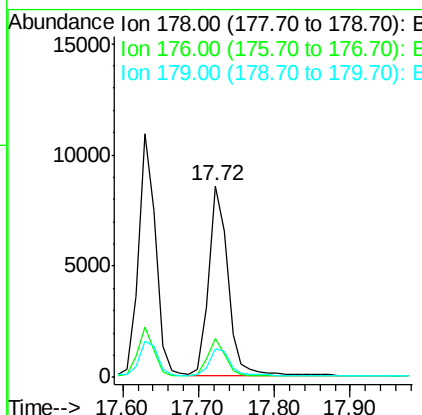
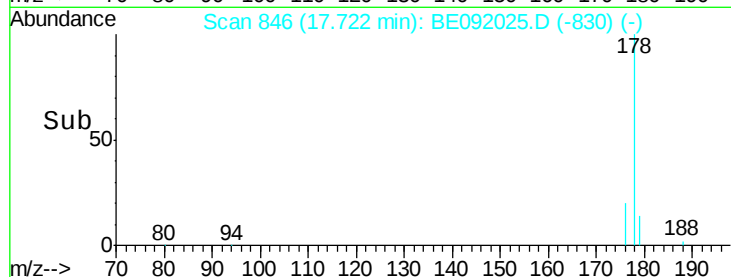
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4



Tgt Ion:178 Resp: 14855
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 14.9 12.1 18.1

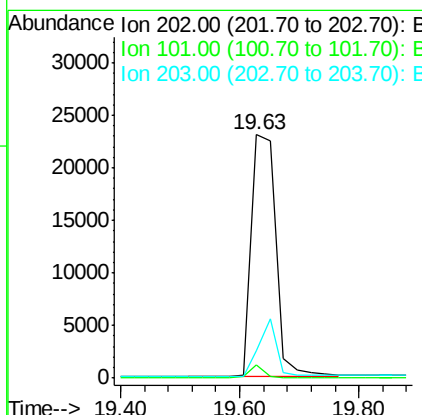
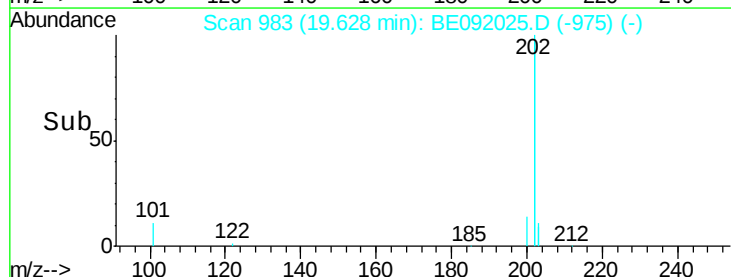
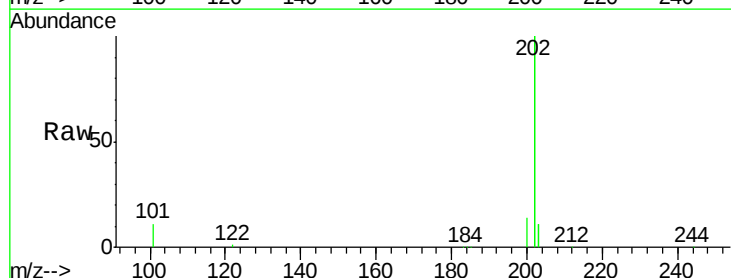
Manual Integrations

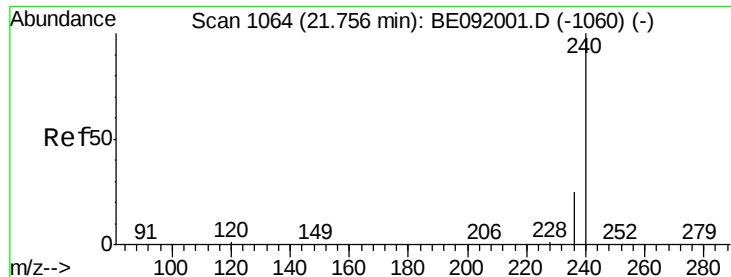
sohil
 7/25/2016 6:46:23 PM



#30
 Fluoranthene
 Concen: 0.41 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092025.D
 Acq: 23 Jul 2016 3:11

Tgt Ion:202 Resp: 66006
 Ion Ratio Lower Upper
 202 100
 101 3.1 9.4 14.0#
 203 0.0 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: BE092025.D

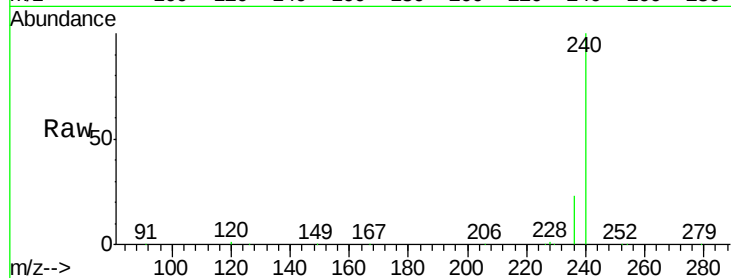
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

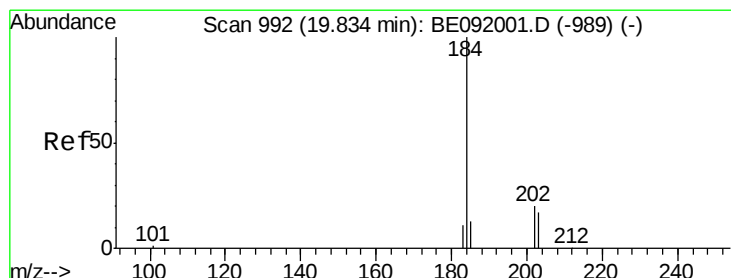
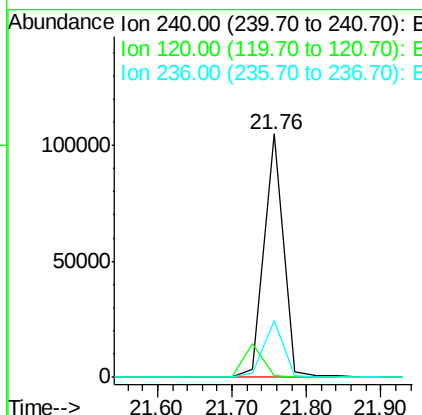
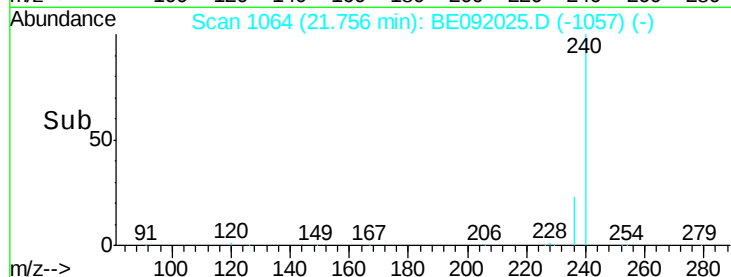


Tgt Ion:	240	Resp:	192659
Ion Ratio	Lower	Upper	
240	100		
120	0.7	1.2	1.8#
236	23.2	19.8	29.8

Manual Integrations

sohil

7/25/2016 6:46:23 PM



#32

Benzidine

Concen: 0.57 ng

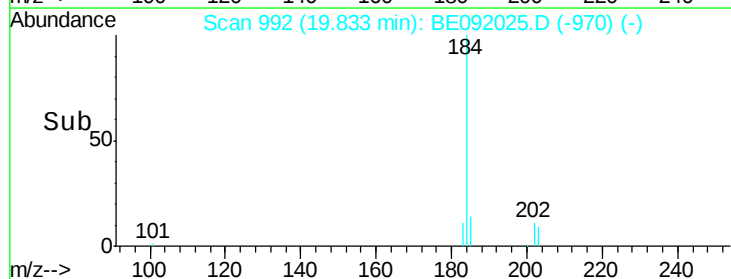
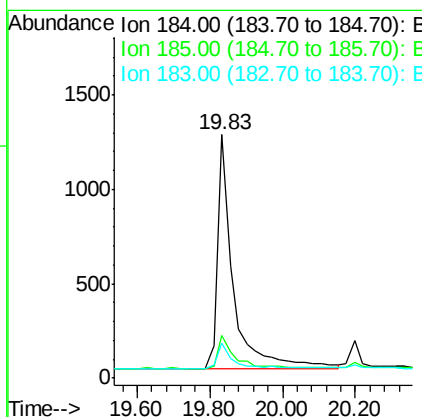
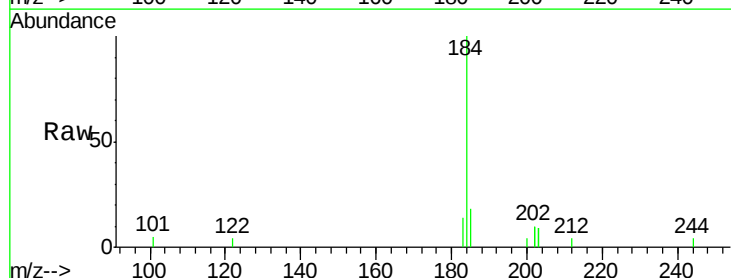
RT: 19.83 min Scan# 992

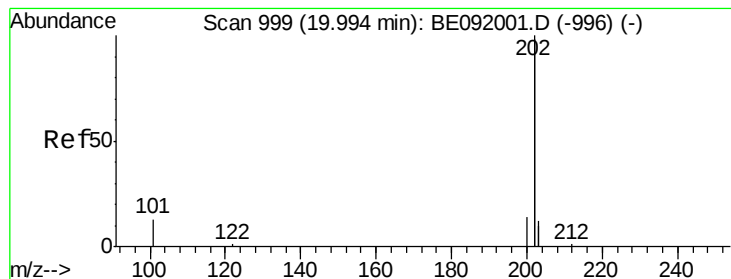
Delta R.T. -0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Tgt Ion:	184	Resp:	3685
Ion Ratio	Lower	Upper	
184	100		
185	17.5	11.4	17.2#
183	14.3	11.8	17.6





#33

Pyrene

Concen: 0.53 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092025.D

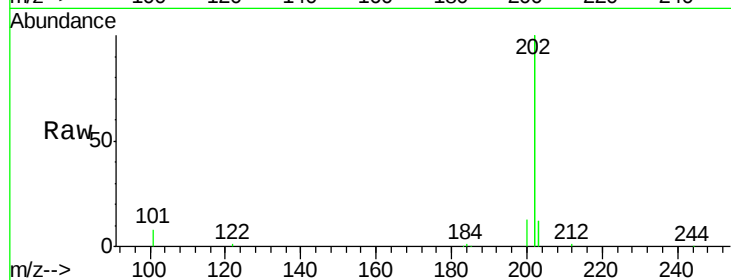
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion:202 Resp: 74610

Ion Ratio Lower Upper

202 100

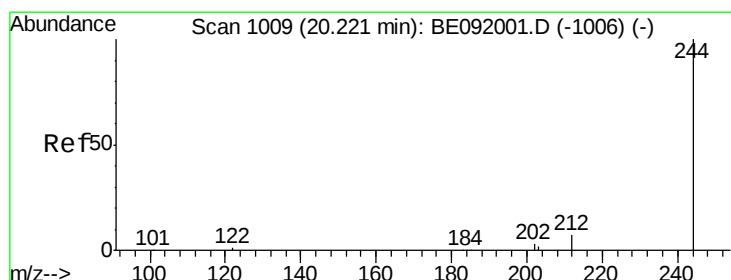
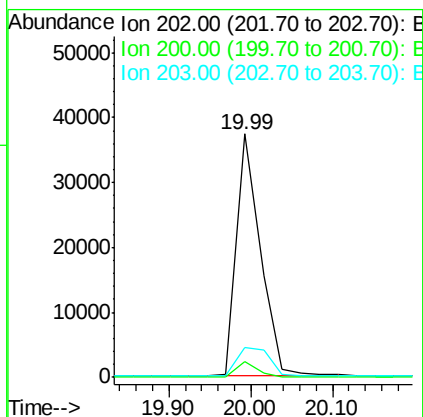
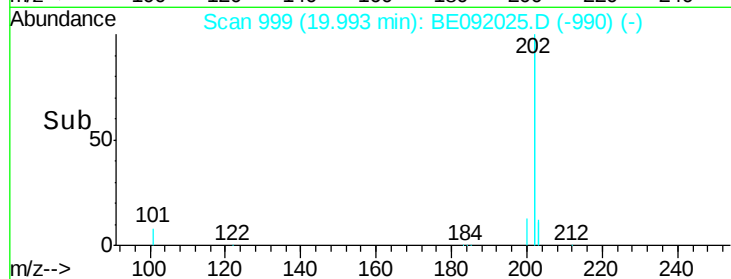
200 5.6 16.9 25.3#

203 16.3 14.1 21.1

Manual Integrations

sohil

7/25/2016 6:46:23 PM



#34

Terphenyl-d14

Concen: 0.47 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

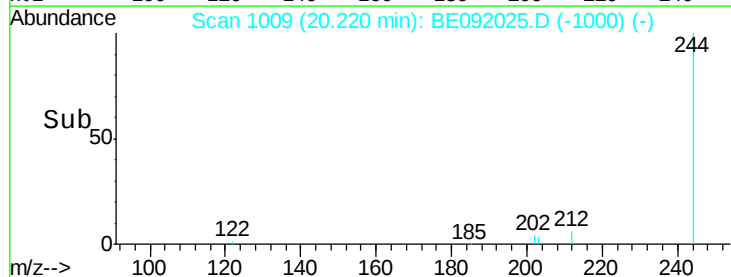
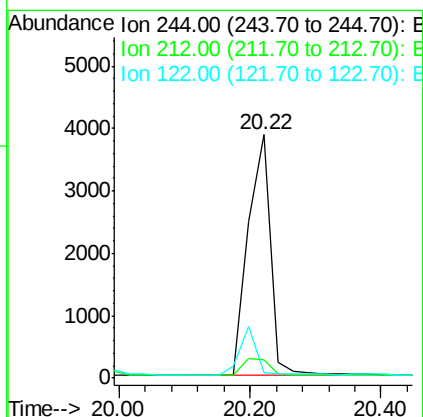
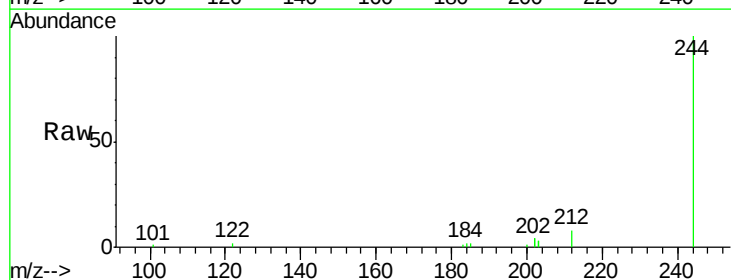
Tgt Ion:244 Resp: 9141

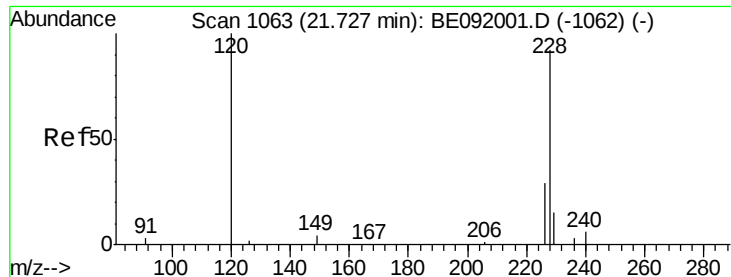
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 2.3 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.56 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092025.D

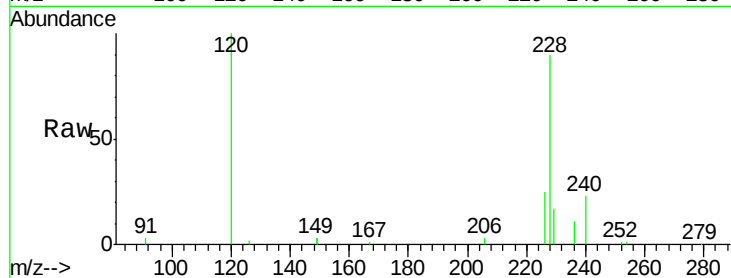
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion:228 Resp: 24379

Ion Ratio Lower Upper

228 100

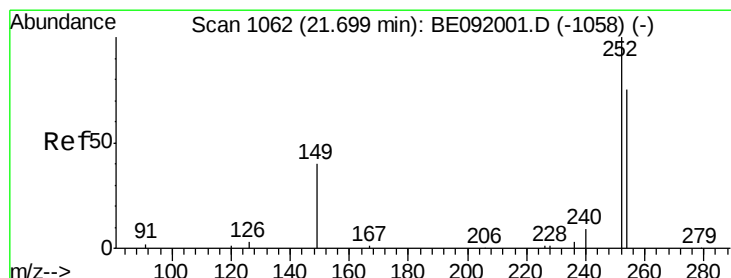
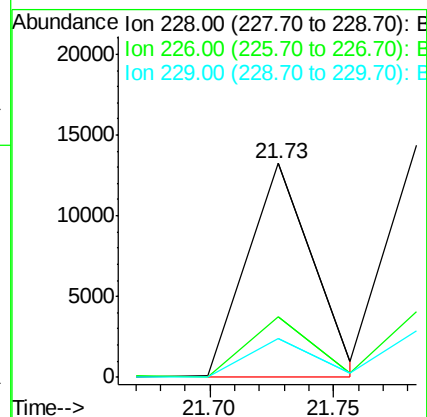
226 28.1 21.0 31.4

229 18.4 15.8 23.8

Manual Integrations

sohil

7/25/2016 6:46:23 PM



#36

3,3'-Dichlorobenzidine

Concen: 0.66 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

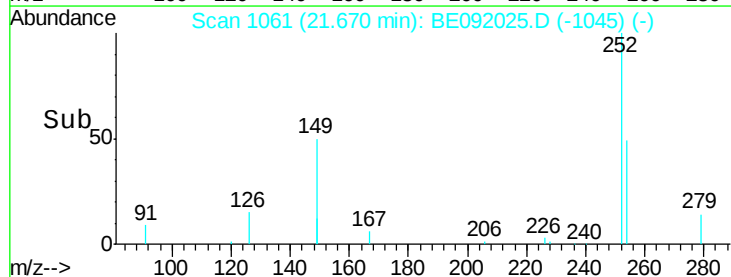
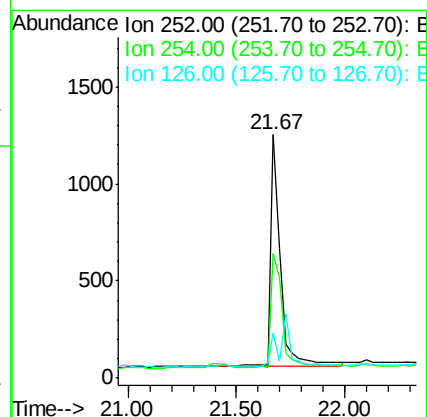
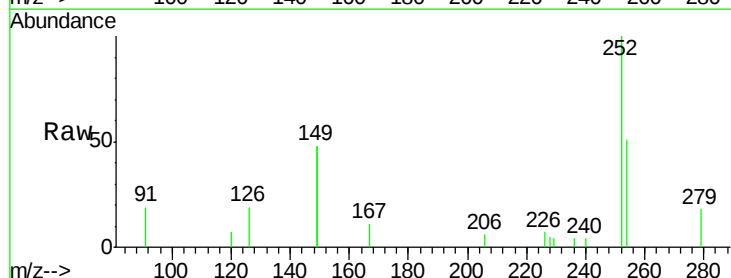
Tgt Ion:252 Resp: 3846

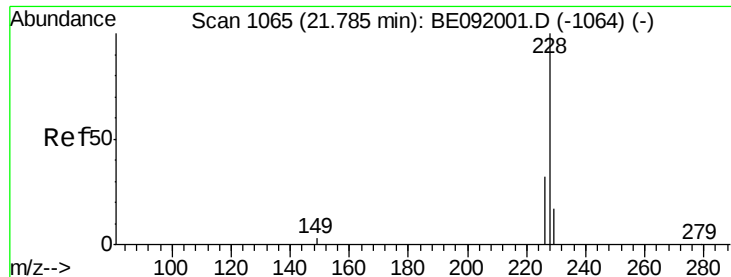
Ion Ratio Lower Upper

252 100

254 51.0 61.5 92.3#

126 18.7 2.5 3.7#





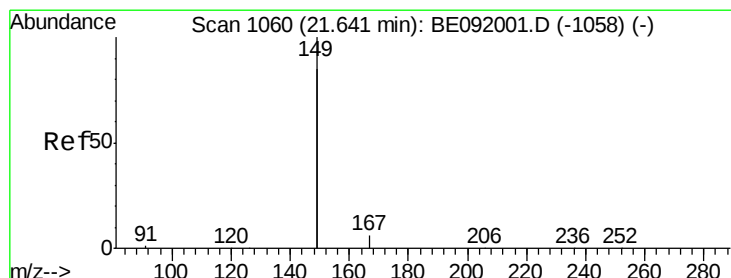
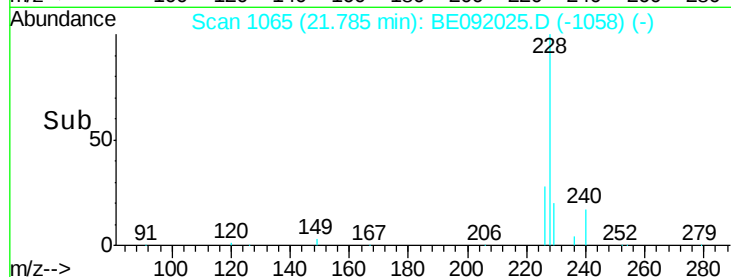
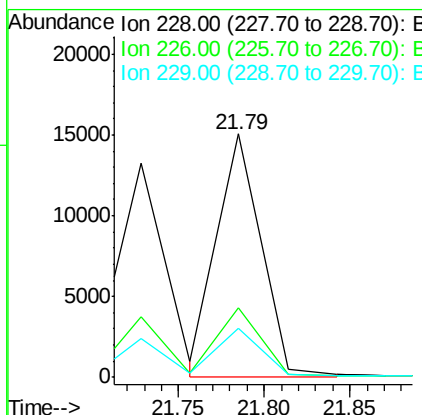
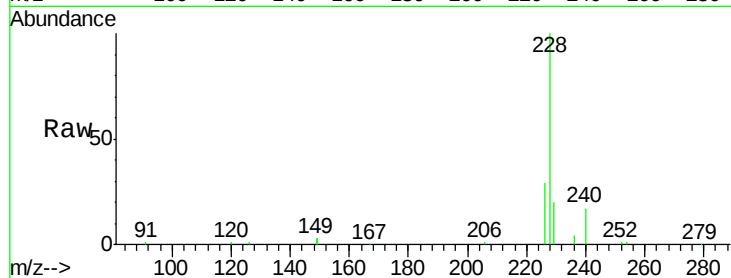
#37
Chrysene
Concen: 0.51 ng m
RT: 21.79 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 228 Resp: 27110
Ion Ratio Lower Upper
228 100
226 28.6 27.0 40.6
229 20.0 13.8 20.8

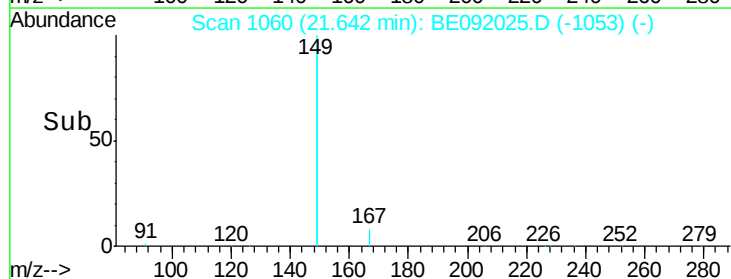
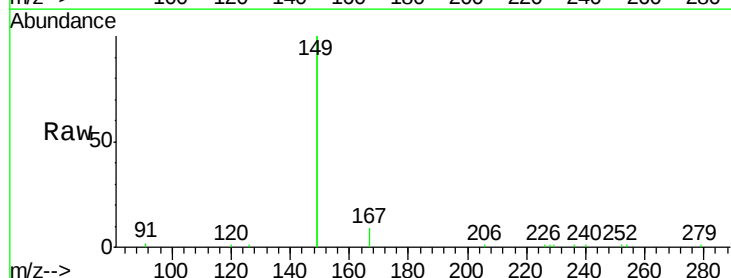
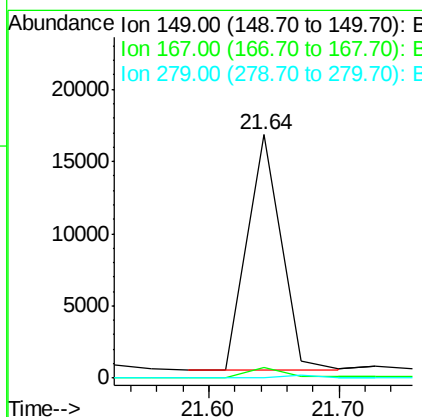
Manual Integrations

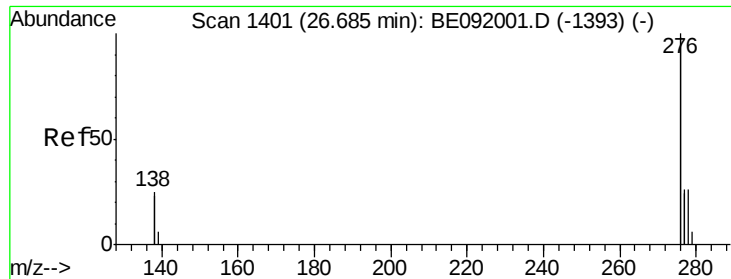
sohil
7/25/2016 6:46:23 PM



#38
Bis(2-ethylhexyl)phthalate
Concen: 0.84 ng
RT: 21.64 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion: 149 Resp: 29142
Ion Ratio Lower Upper
149 100
167 4.6 0.0 0.0#
279 0.0 0.0 0.0





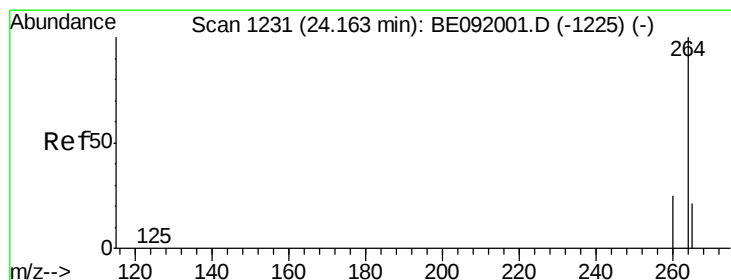
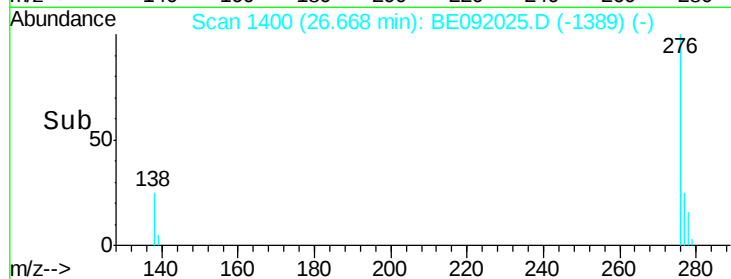
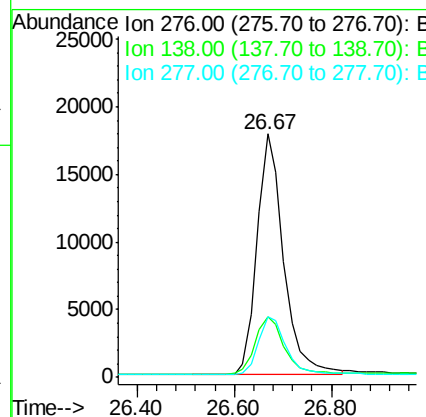
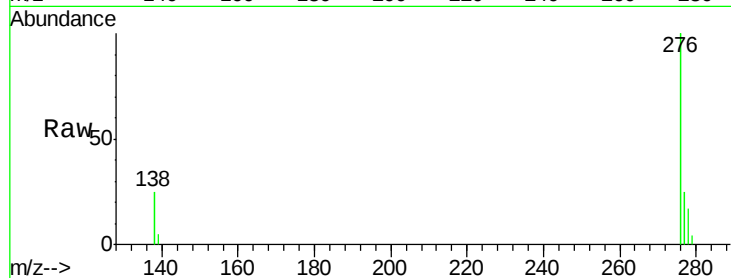
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.47 ng
 RT: 26.67 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BE092025.D
 Acq: 23 Jul 2016 3:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.7	29.5
277	24.9	20.1	30.1

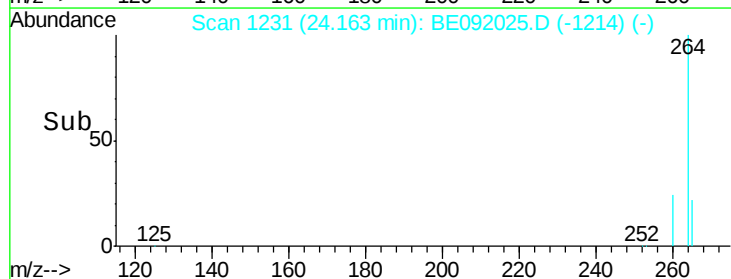
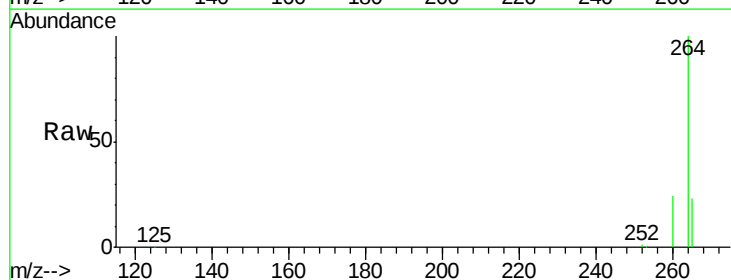
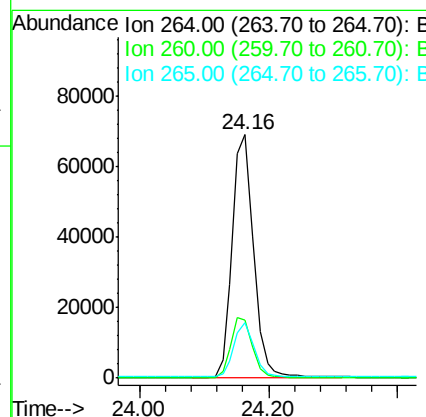
Manual Integrations

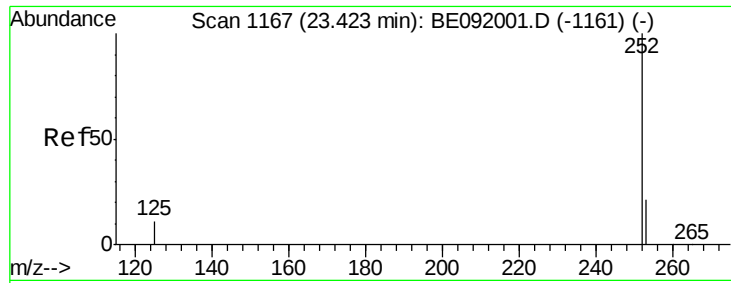
sohil
 7/25/2016 6:46:23 PM



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BE092025.D
 Acq: 23 Jul 2016 3:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.6	17.6	26.4





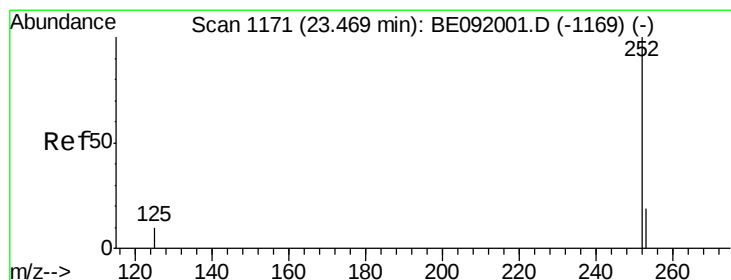
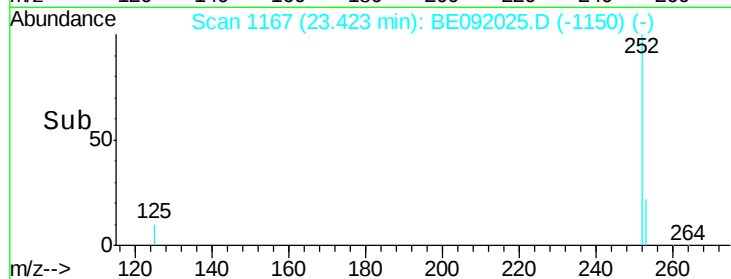
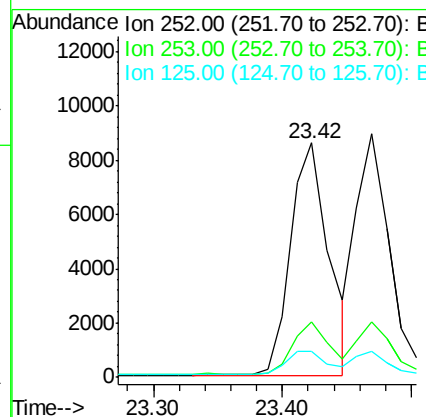
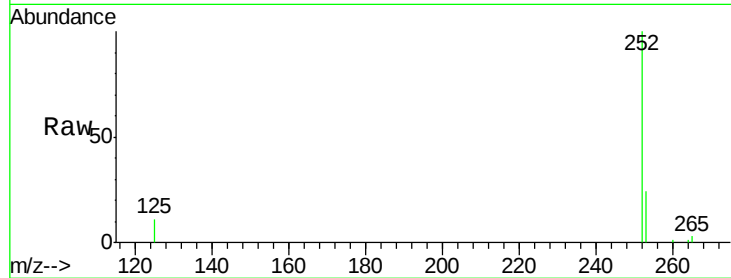
#41
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 23.42 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.8	9.4	14.2

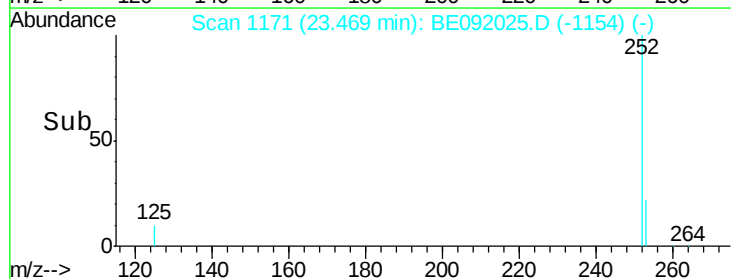
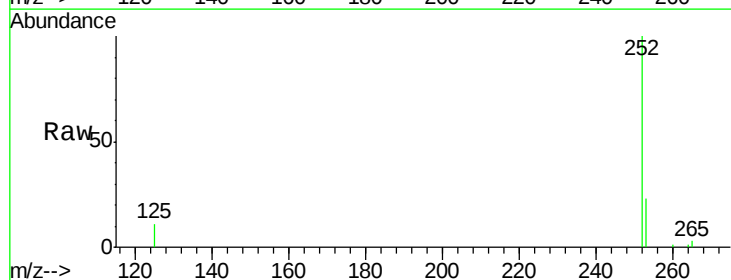
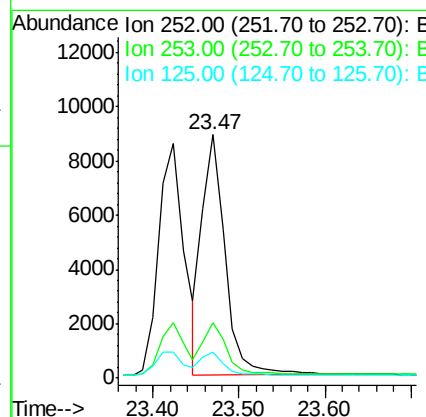
Manual Integrations

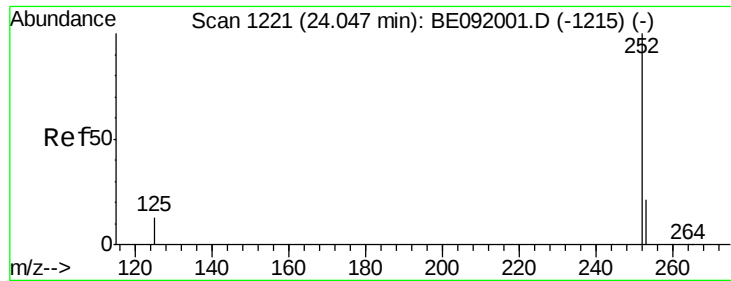
sohil
7/25/2016 6:46:23 PM



#42
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BE092025.D
Acq: 23 Jul 2016 3:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.2
125	10.7	8.3	12.5





#43

Benzo(a)pyrene

Concen: 0.40 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092025.D

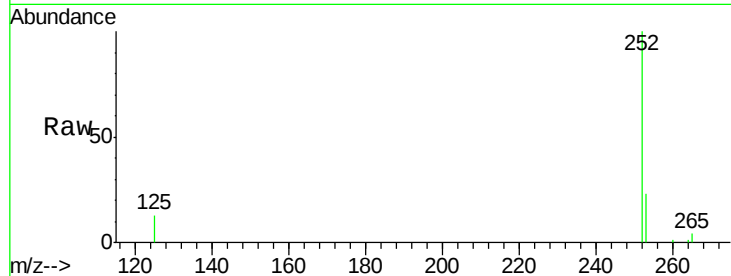
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

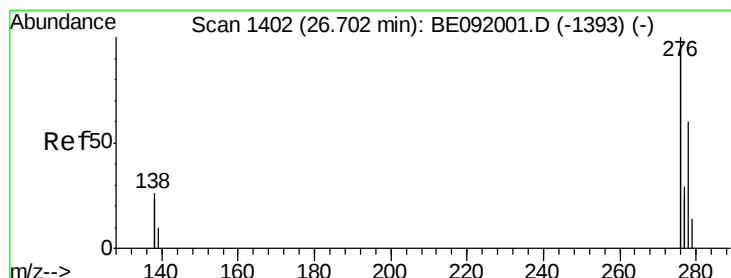
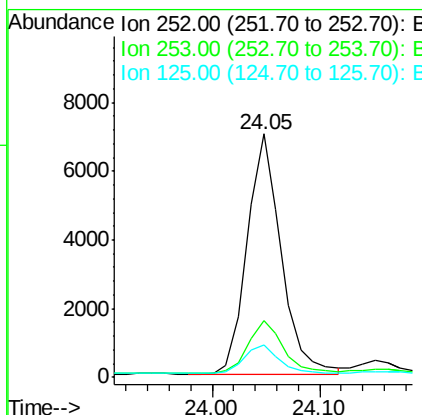
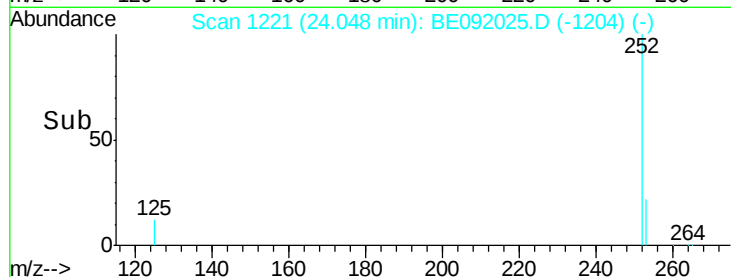


Tgt Ion:	252	Resp:	15311
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	13.2	10.5	15.7

Manual Integrations

sohil

7/25/2016 6:46:23 PM



#44

Dibenzo(a,h)anthracene

Concen: 0.40 ng

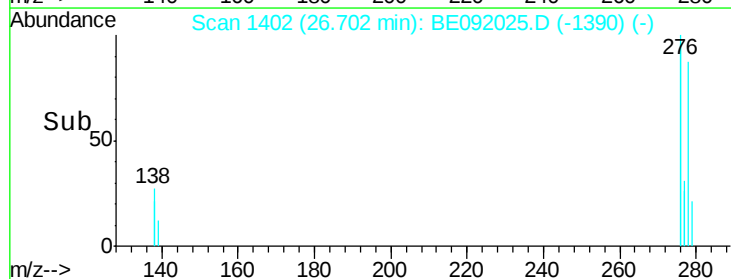
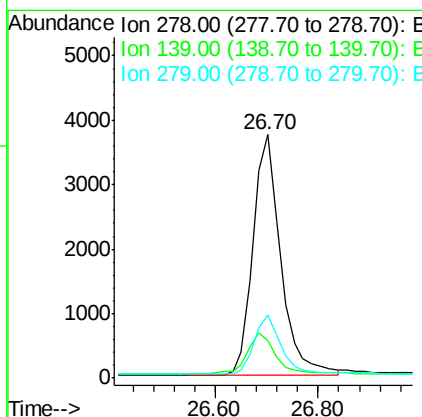
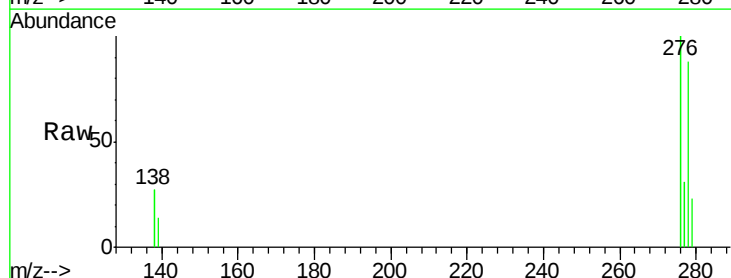
RT: 26.70 min Scan# 1402

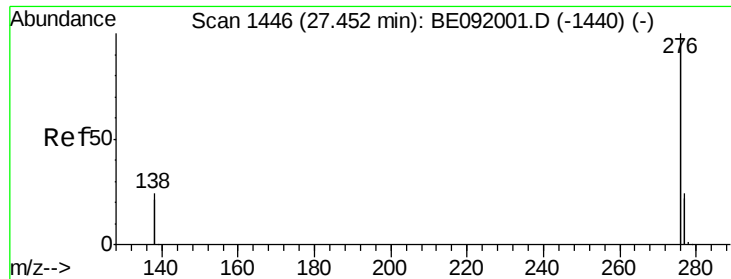
Delta R.T. 0.00 min

Lab File: BE092025.D

Acq: 23 Jul 2016 3:11

Tgt Ion:	278	Resp:	13769
Ion Ratio	Lower	Upper	
278	100		
139	15.5	12.6	18.8
279	25.8	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 0.41 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BE092025.D

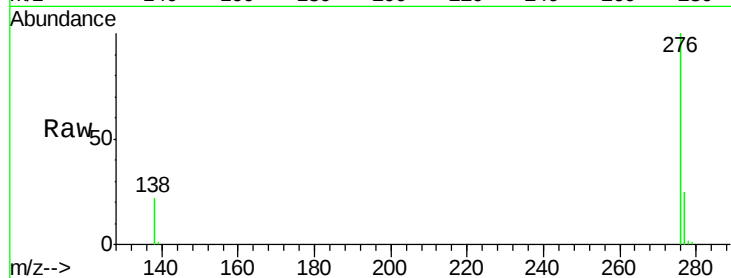
Acq: 23 Jul 2016 3:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 58177

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 22.1 17.7 26.5

Manual Integrations

sohil

7/25/2016 6:46:23 PM

