

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092023.D
 Acq On : 23 Jul 2016 1:53
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations

sohil
 7/25/2016 6:46:20 PM

Quant Time: Jul 23 03:02:53 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	21557	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	108410	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	70595	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	165493	5.00	ng	0.00
31) Chrysene-d12	21.76	240	187692	5.00	ng	0.00
40) Perylene-d12	24.16	264	169196	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	2128	0.51	ng	0.00
5) Phenol-d6	7.37	99	2868	0.50	ng	0.00
9) Nitrobenzene-d5	9.37	82	2783	0.43	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	822	0.51	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	7794	0.42	ng	0.00
34) Terphenyl-d14	20.20	244	10247	0.54	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1174	0.40	ng	94
3) n-Nitrosodimethylamine	3.82	42	1448	0.44	ng	# 81
6) bis(2-Chloroethyl)ether	7.61	93	2595	0.42	ng	99
7) n-Nitroso-di-n-propylamine	9.00	70	2308	0.44	ng	# 100
10) Nitrobenzene	9.40	77	3002	0.46	ng	# 99
11) bis(2-Chloroethoxy)methane	10.42	93	4142	0.51	ng	# 18
12) Naphthalene	11.04	128	9901	0.40	ng	98
13) Hexachlorobutadiene	11.34	225	1418	0.40	ng	98
14) 2-Methylnaphthalene	12.68	142	6328	0.41	ng	94
18) Acenaphthylene	14.56	152	45127	0.42	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	5564	0.43	ng	# 10
20) Acenaphthene	14.92	154	7130	0.39	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	9444	0.81	ng	# 1
22) Fluorene	15.90	166	9396	0.43	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	4641	0.43	ng	98
25) 4-Bromophenyl-phenylether	16.78	248	2812	0.41	ng	97
26) Hexachlorobenzene	16.90	284	2873	0.40	ng	99
27) Pentachlorophenol	17.25	266	733	0.59	ng	89
28) Phenanthrene	17.63	178	17597	0.41	ng	100
29) Anthracene	17.72	178	15914	0.41	ng	100
30) Fluoranthene	19.63	202	71164	0.42	ng	# 67
32) Benzidine	19.83	184	4377	0.65	ng	96
33) Pyrene	19.99	202	79798	0.59	ng	# 81
35) Benzo(a)anthracene	21.73	228	27987m	0.66	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	5114	0.85	ng	# 71
37) Chrysene	21.79	228	26421m	0.51	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	45929	1.31	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	73388	0.52	ng	98
41) Benzo(b)fluoranthene	23.42	252	19492	0.44	ng	96
42) Benzo(k)fluoranthene	23.47	252	17328	0.38	ng	99
43) Benzo(a)pyrene	24.05	252	16827	0.41	ng	99
44) Dibenzo(a,h)anthracene	26.70	278	14969	0.41	ng	99
45) Benzo(g,h,i)perylene	27.45	276	61861	0.41	ng	99

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092023.D
Acq On : 23 Jul 2016 1:53
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations

sohil
7/25/2016 6:46:20 PM

Quant Time: Jul 23 03:02:53 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

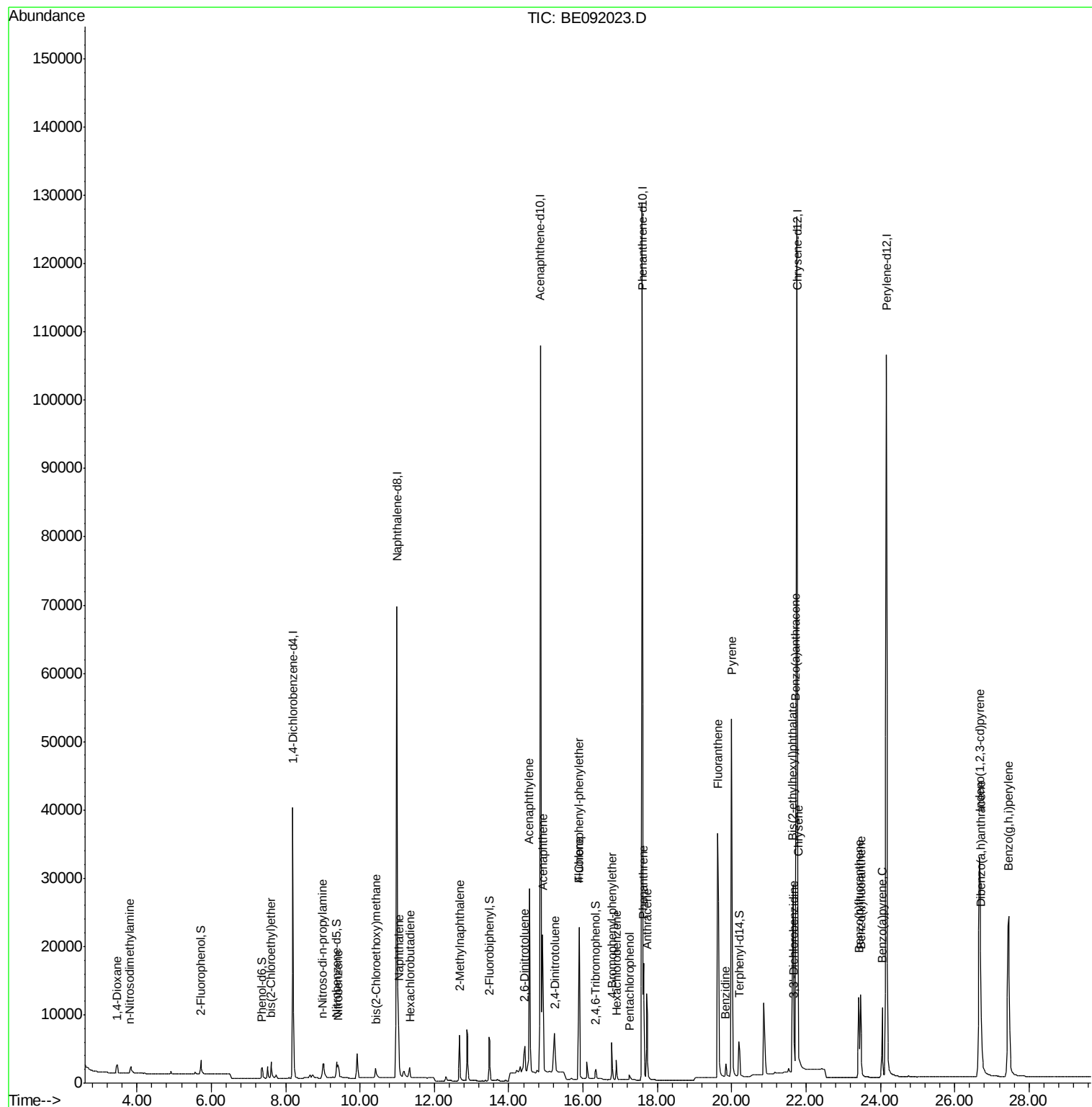
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092023.D
Acq On : 23 Jul 2016 1:53
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

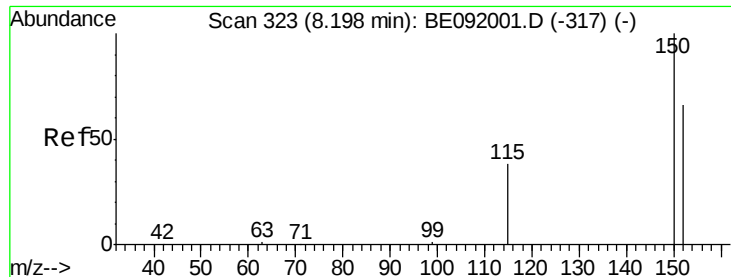
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations

Quant Time: Jul 23 03:02:53 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

sohil
7/25/2016 6:46:20 PM





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092023.D

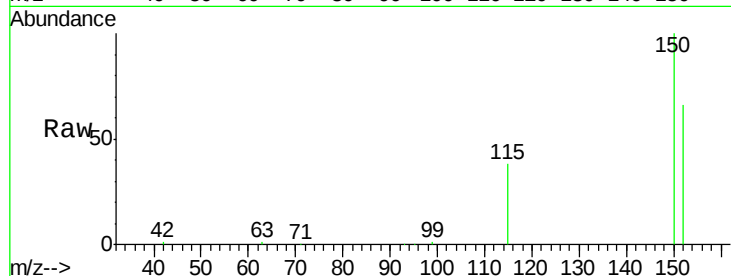
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:152 Resp: 21557

Ion Ratio Lower Upper

152 100

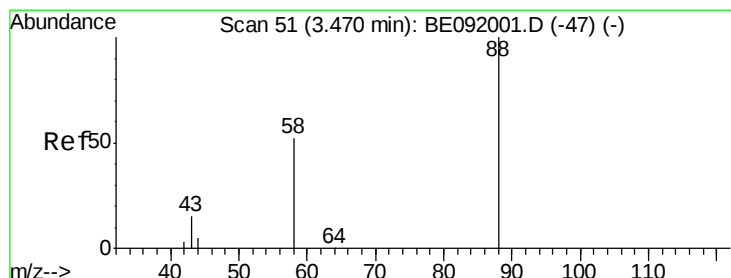
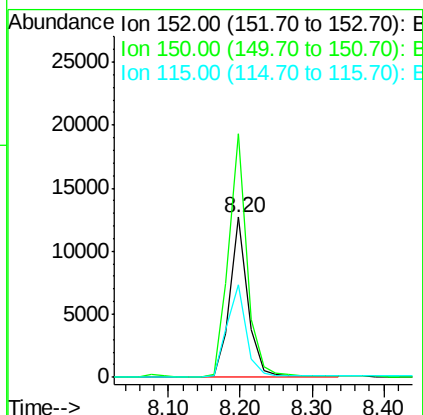
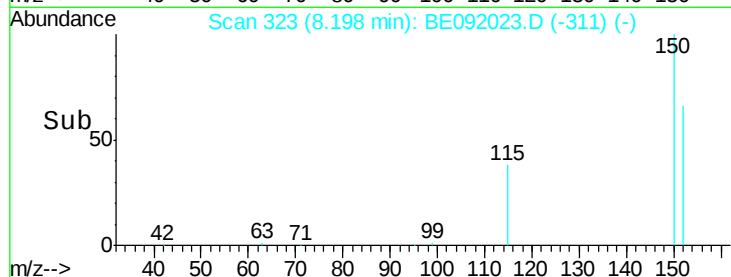
150 152.2 123.9 185.9

115 58.1 48.3 72.5

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#2

1,4-Dioxane

Concen: 0.40 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

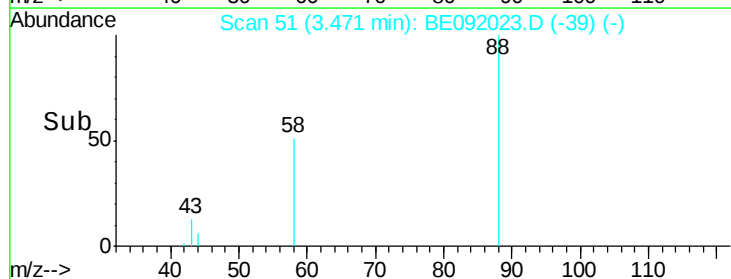
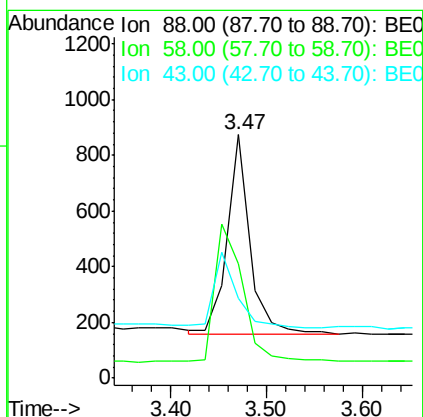
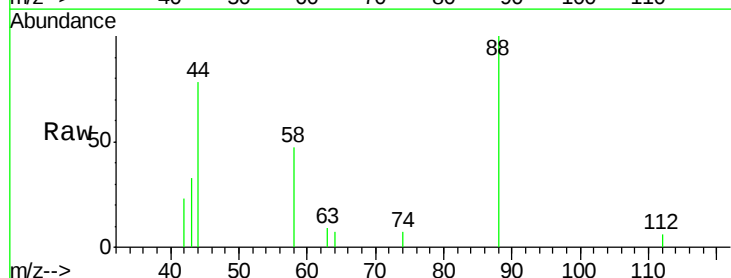
Tgt Ion: 88 Resp: 1174

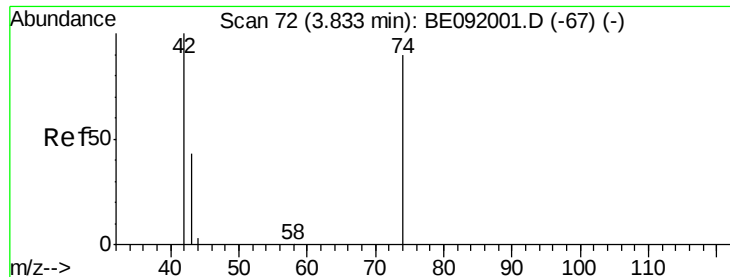
Ion Ratio Lower Upper

88 100

58 84.8 63.0 94.4

43 38.1 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

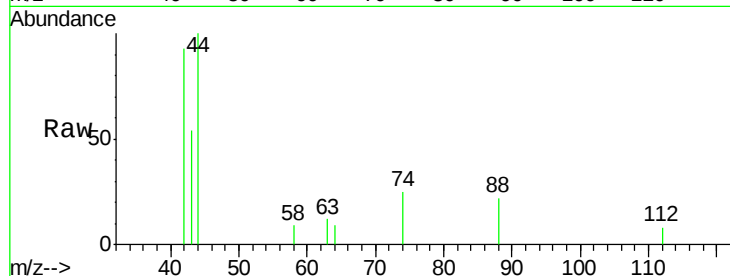
ClientSampleId :

SSTDCCC0.4EC

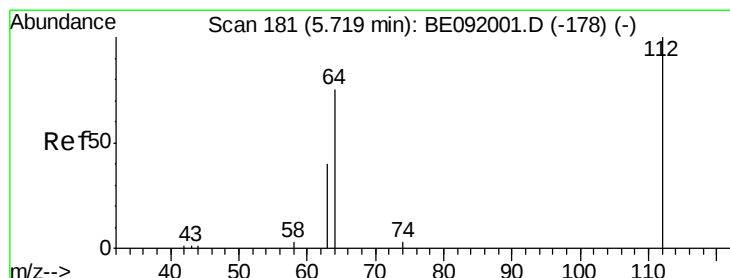
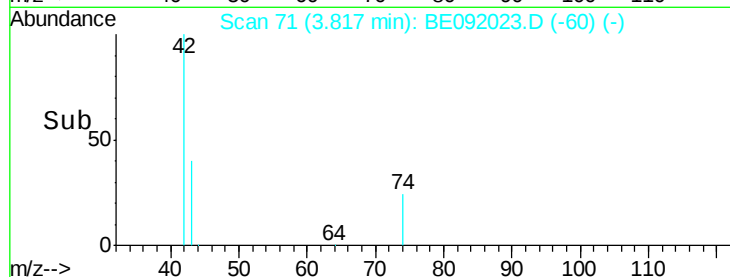
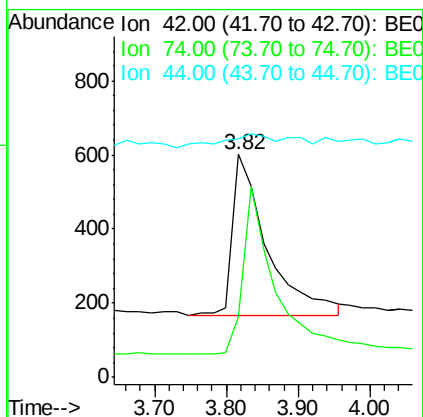
Manual Integrations

sohil

7/25/2016 6:46:20 PM



Tgt Ion:	42	Resp:	1448
Ion	Ratio	Lower	Upper
42	100		
74	95.9	93.4	140.0
44	11.1	5.0	7.6#



#4

2-Fluorophenol

Concen: 0.51 ng

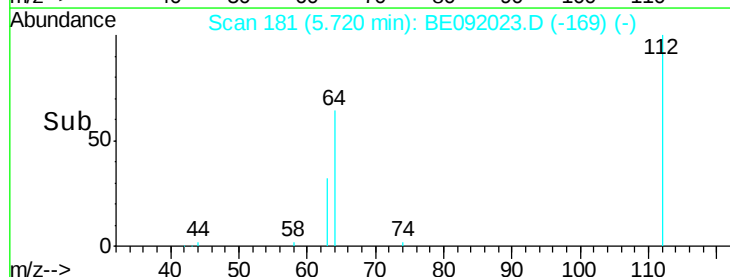
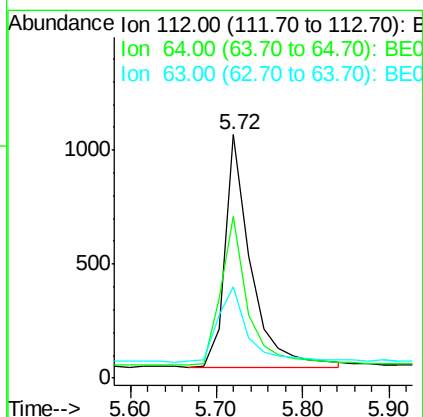
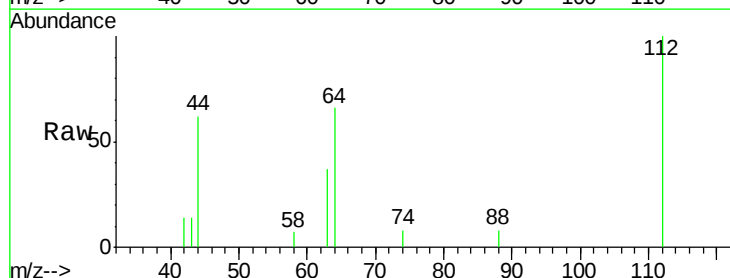
RT: 5.72 min Scan# 181

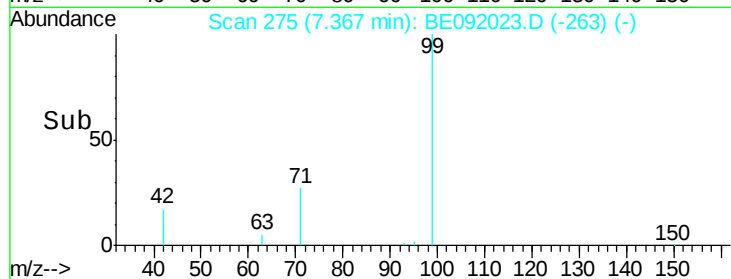
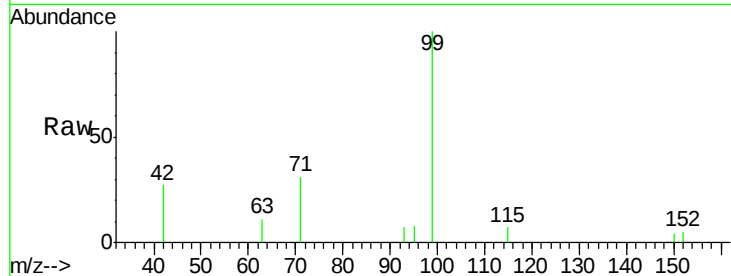
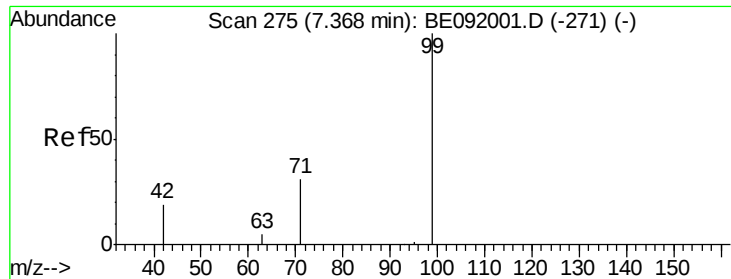
Delta R.T. 0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion:	112	Resp:	2128
Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.7	80.5
63	36.5	29.5	44.3





#5

Phenol-d6

Concen: 0.50 ng

RT: 7.37 min Scan# 275

Delta R.T. -0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion:	99	Resp:	2868
Ion	Ratio	Lower	Upper
99	100		
42	27.1	19.6	29.4
71	35.3	28.1	42.1

Instrument :

BNA_E

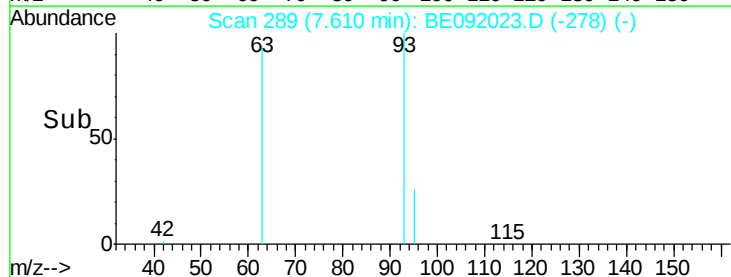
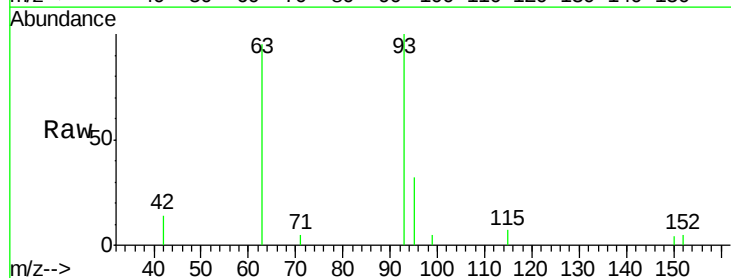
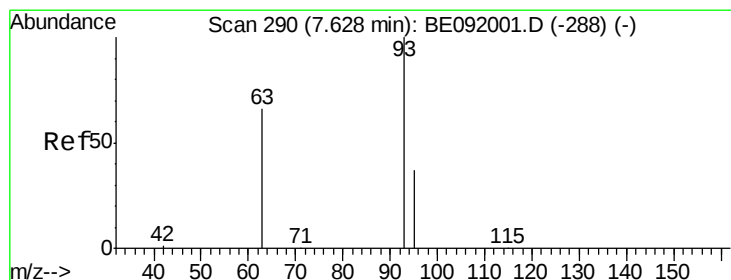
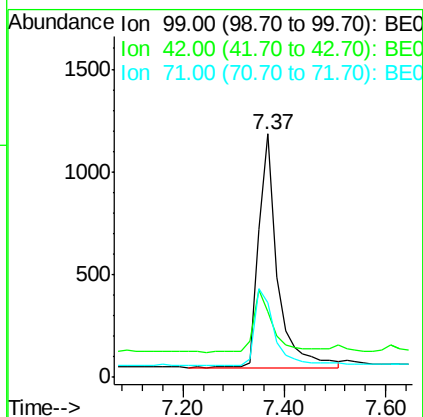
ClientSampleId :

SSTDCCC0.4EC

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

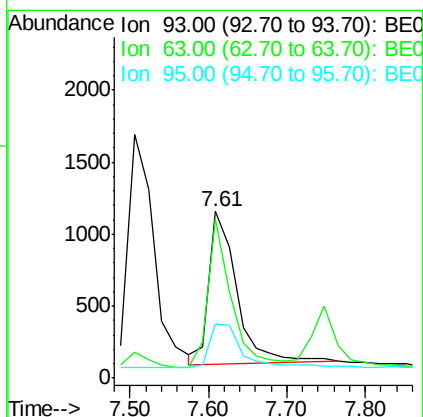
RT: 7.61 min Scan# 289

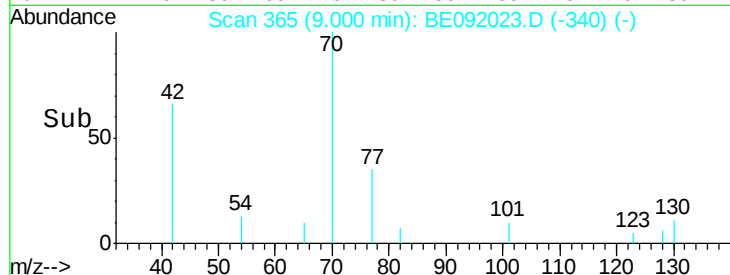
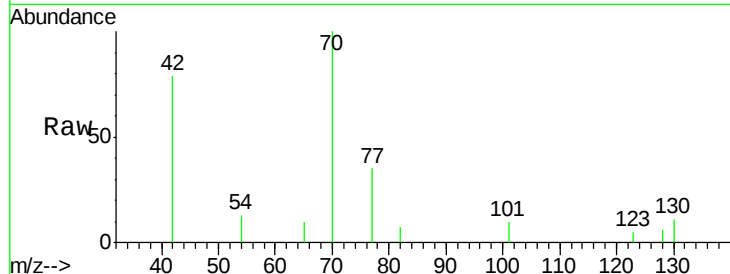
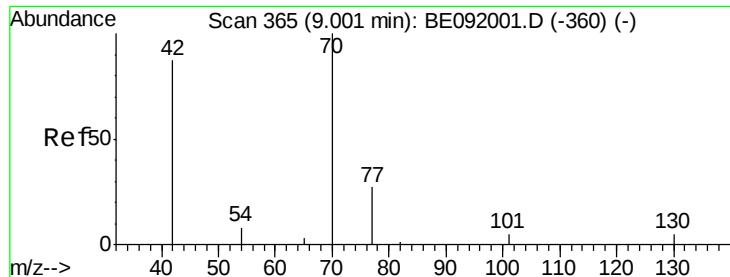
Delta R.T. -0.02 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion:	93	Resp:	2595
Ion	Ratio	Lower	Upper
93	100		
63	82.6	66.2	99.4
95	33.0	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.44 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

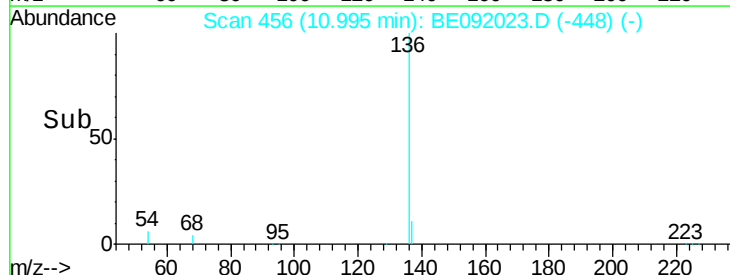
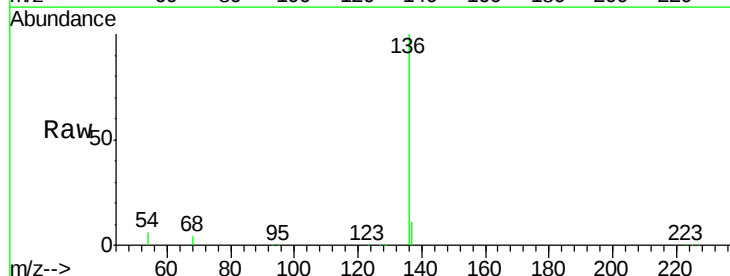
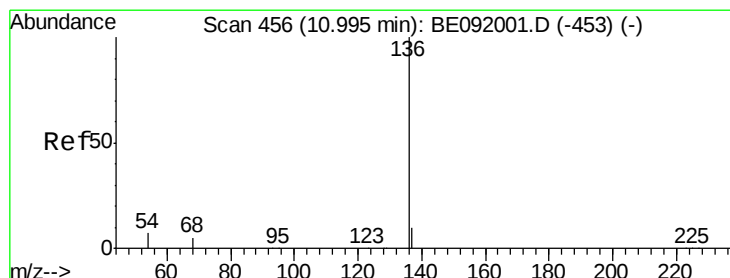
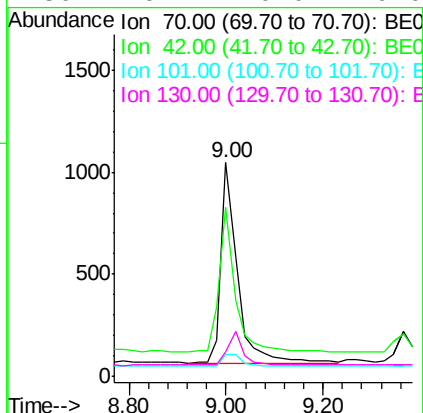
SSTDCCC0.4EC

Tgt Ion:	70	Resp:	2308
Ion Ratio	Lower	Upper	
70	100		
42	72.6	58.4	87.6
101	7.7	6.4	9.6
130	16.1	0.0	0.0#

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#8

Naphthalene-d8

Concen: 5.00 ng

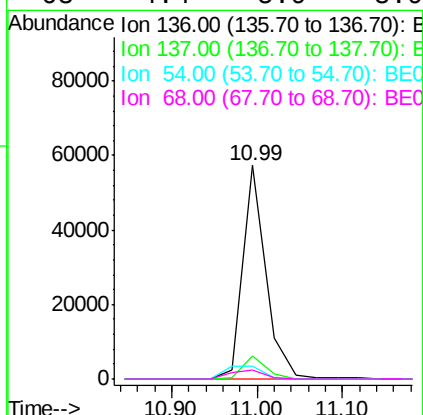
RT: 10.99 min Scan# 456

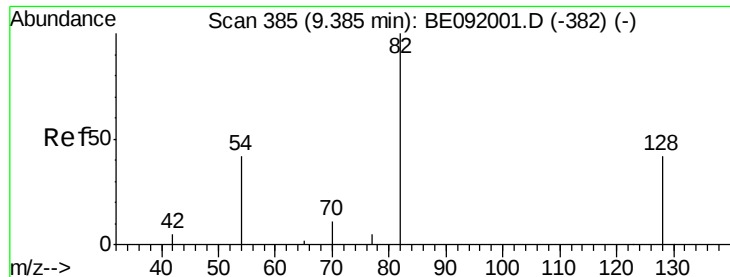
Delta R.T. 0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion:	136	Resp:	108410
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.3	12.5
54	5.8	8.2	12.4#
68	4.4	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 0.43 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 82 Resp: 2783

Ion Ratio Lower Upper

82 100

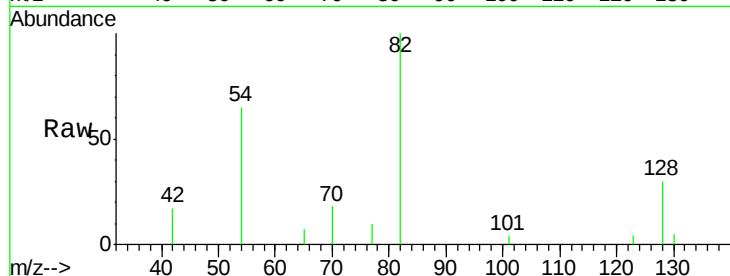
128 30.3 39.5 59.3#

54 64.5 30.3 45.5#

Manual Integrations

sohil

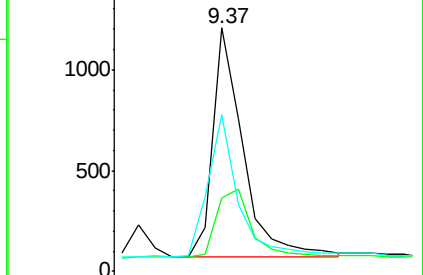
7/25/2016 6:46:20 PM



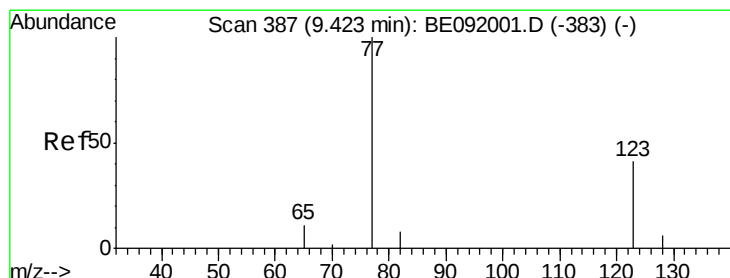
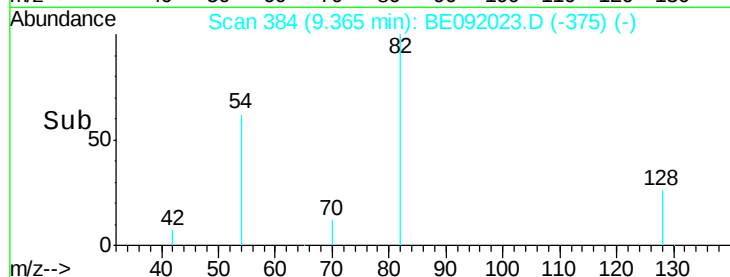
Abundance Ion 82.00 (81.70 to 82.70): BE092001.D (-382) (-)

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

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



Time-->



#10

Nitrobenzene

Concen: 0.46 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

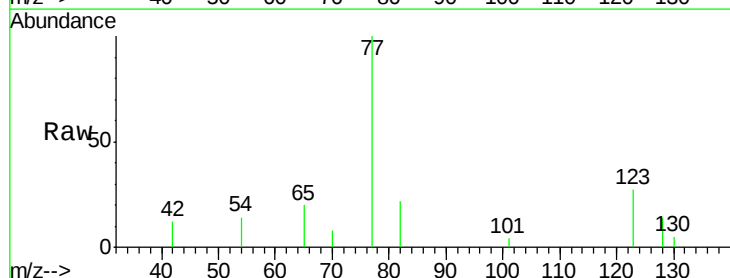
Tgt Ion: 77 Resp: 3002

Ion Ratio Lower Upper

77 100

123 37.6 0.0 0.0#

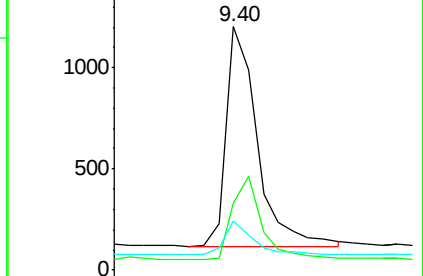
65 14.3 11.1 16.7



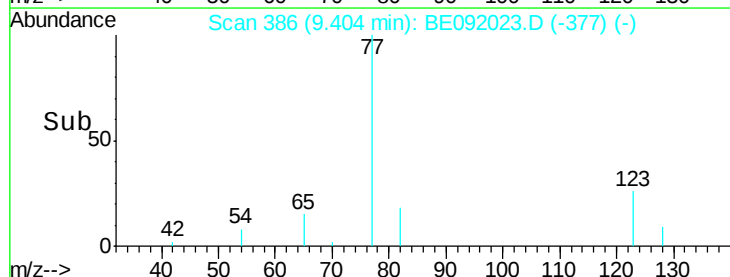
Abundance Ion 77.00 (76.70 to 77.70): BE092001.D (-383) (-)

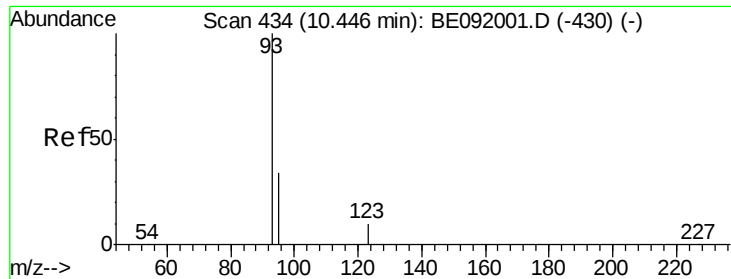
Ion 123.00 (122.70 to 123.70): BE092001.D (-383) (-)

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



Time-->





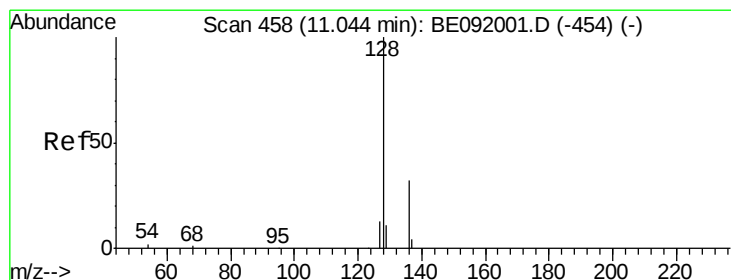
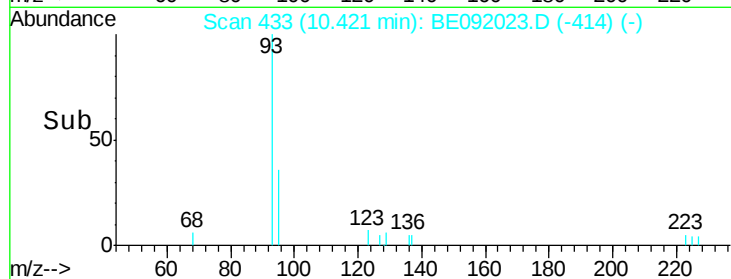
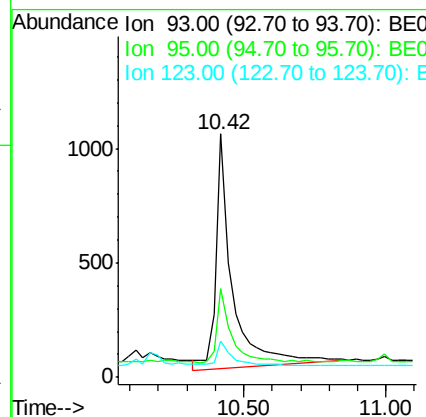
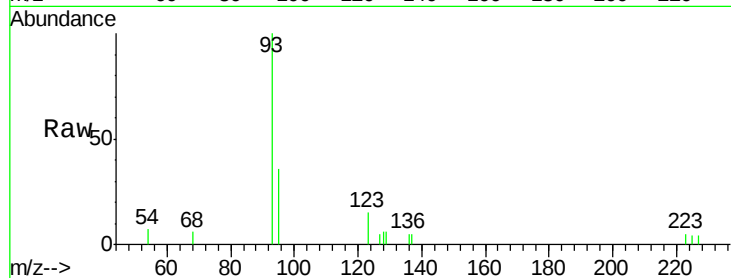
#11
bis(2-Chloroethoxy)methane
Concen: 0.51 ng
RT: 10.42 min Scan# 433
Delta R.T. -0.02 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 93 Resp: 4142
Ion Ratio Lower Upper
93 100
95 32.2 57.6 86.4#
123 8.9 100.2 150.4#

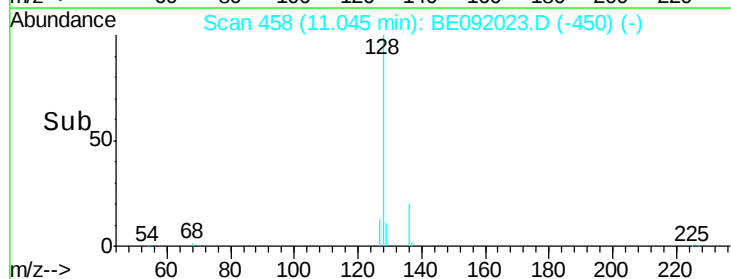
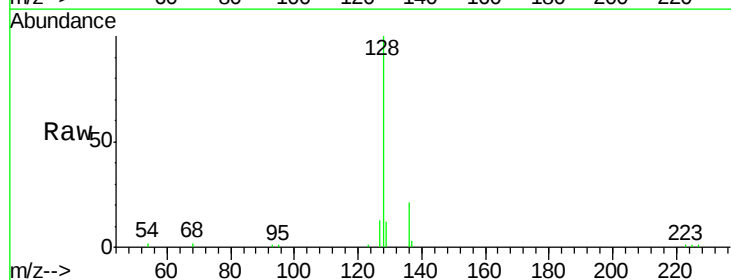
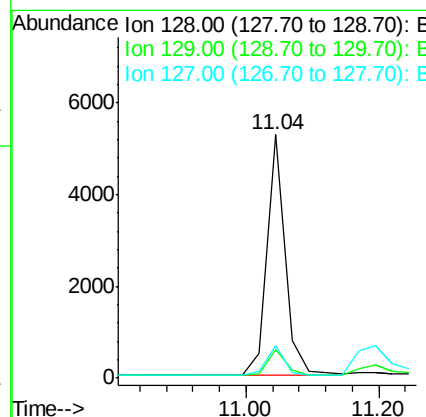
Manual Integrations

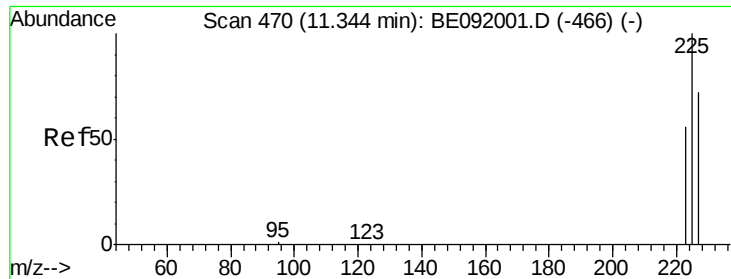
sohil
7/25/2016 6:46:20 PM



#12
Naphthalene
Concen: 0.40 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion: 128 Resp: 9901
Ion Ratio Lower Upper
128 100
129 11.9 10.4 15.6
127 13.4 10.2 15.2





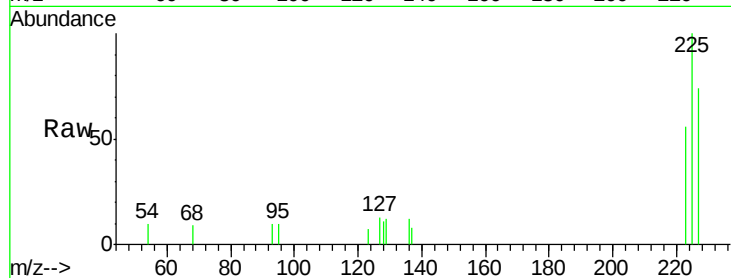
#13
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

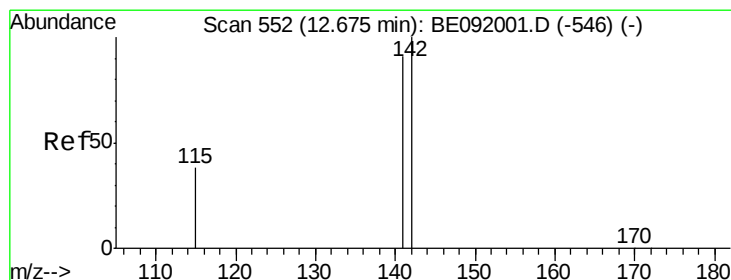
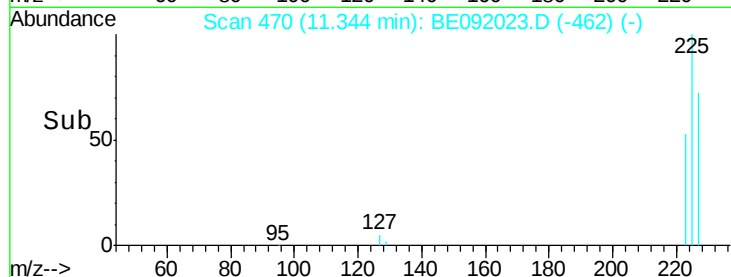
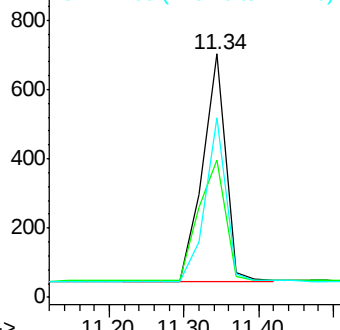
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.8
227	64.8	50.6	75.8

Manual Integrations

sohil
7/25/2016 6:46:20 PM

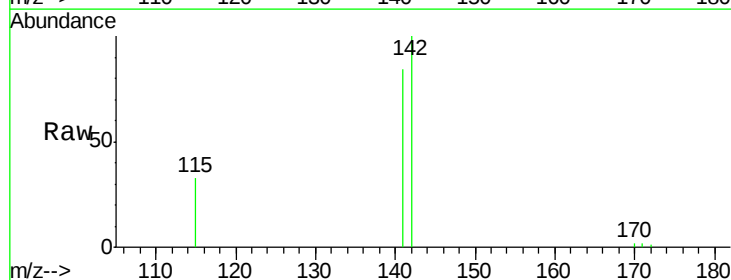


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

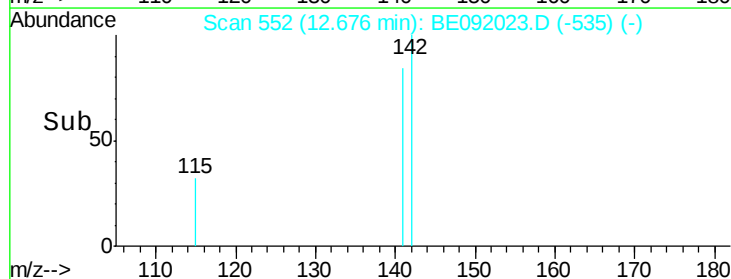
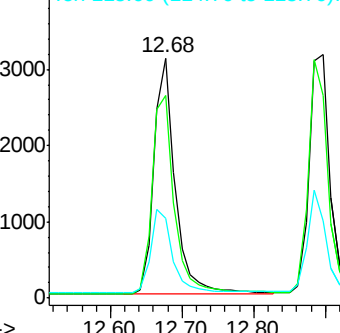


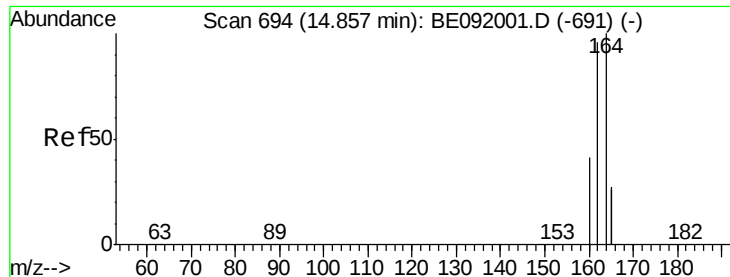
#14
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.5	71.9	107.9
115	33.3	29.9	44.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092023.D

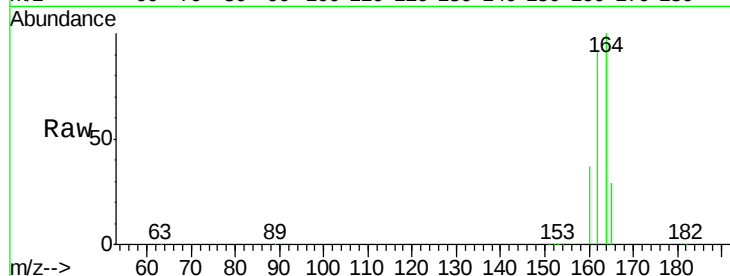
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:164 Resp: 70595

Ion Ratio Lower Upper

164 100

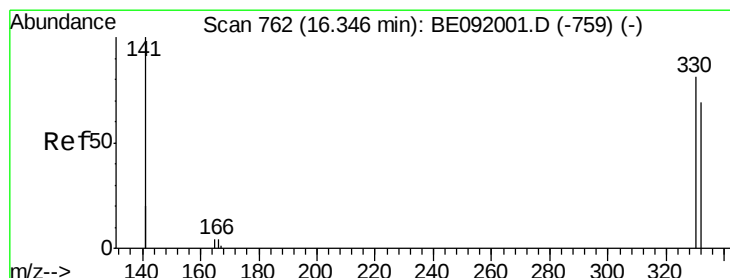
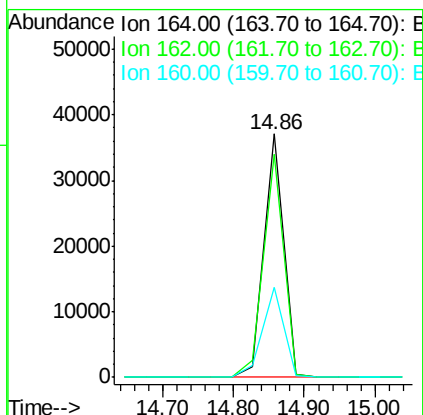
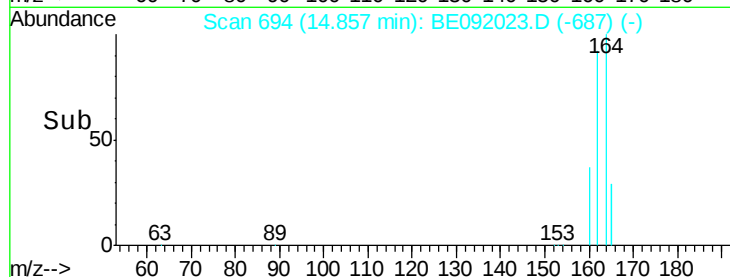
162 91.6 71.8 107.8

160 37.1 28.0 42.0

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#16

2,4,6-Tribromophenol

Concen: 0.51 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

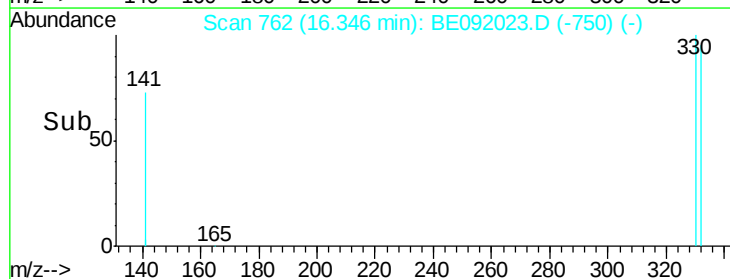
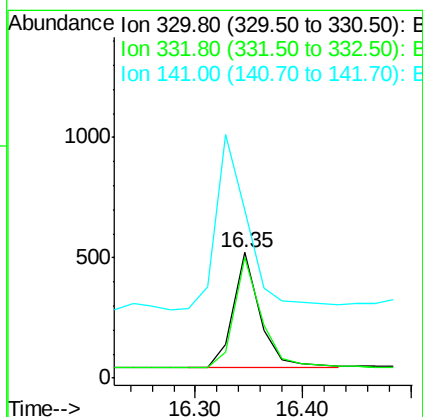
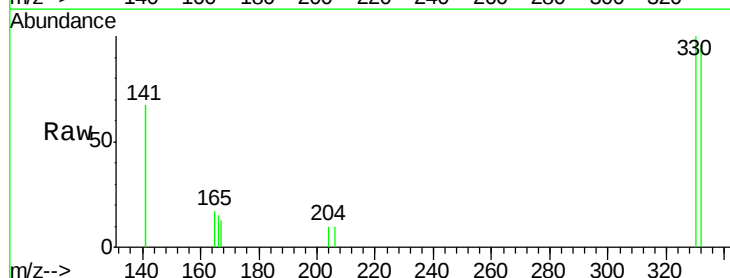
Tgt Ion:330 Resp: 822

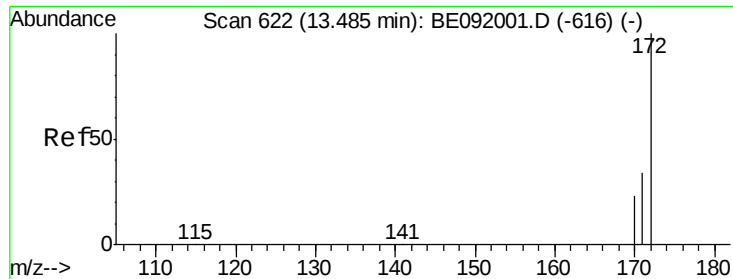
Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

141 181.4 138.4 207.6





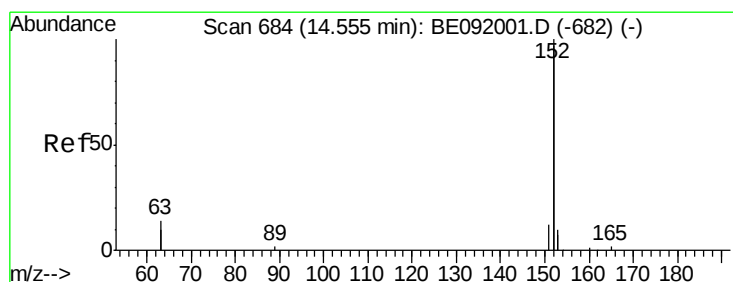
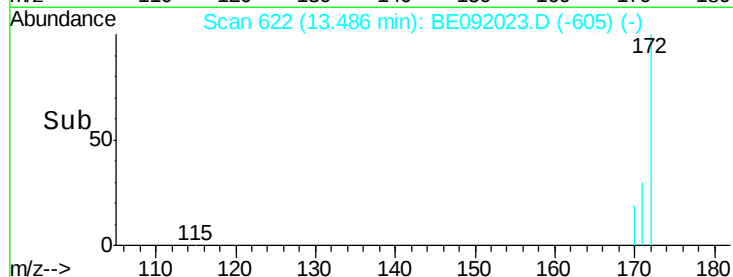
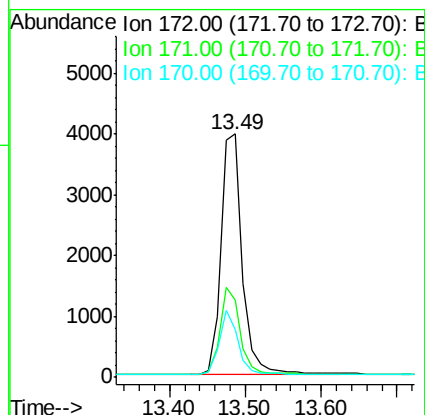
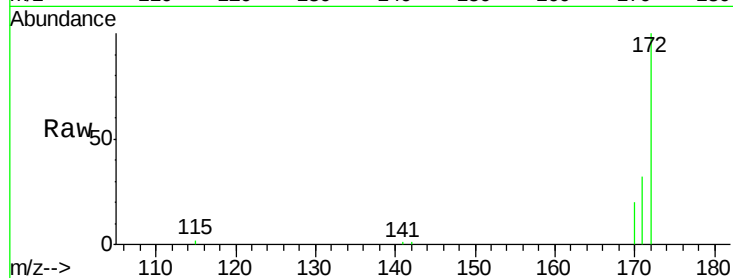
#17
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7794
Ion Ratio Lower Upper
172 100
171 31.6 24.3 36.5
170 19.7 14.9 22.3

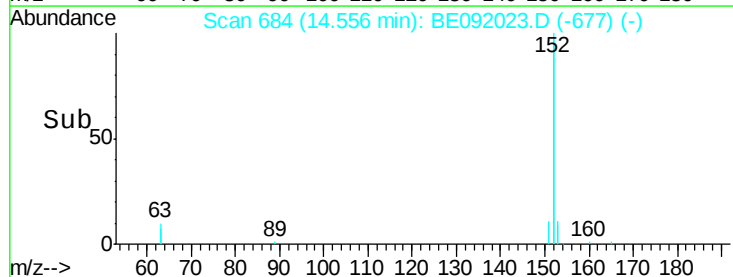
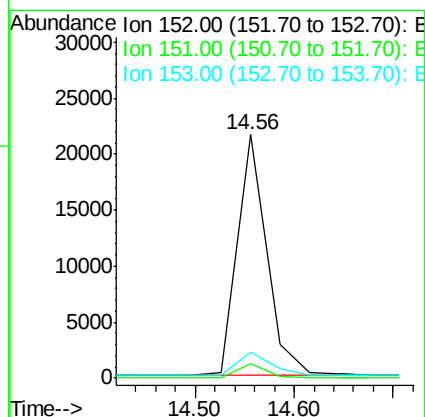
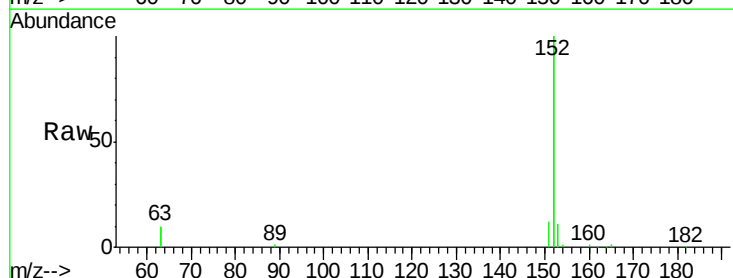
Manual Integrations

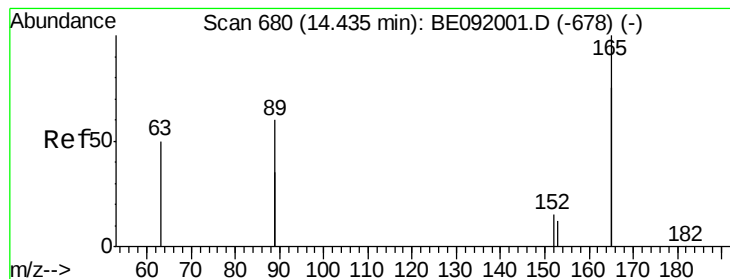
sohil
7/25/2016 6:46:20 PM



#18
Acenaphthylene
Concen: 0.42 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion:152 Resp: 45127
Ion Ratio Lower Upper
152 100
151 5.4 19.4 29.2#
153 11.2 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: BE092023.D

Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:165 Resp: 5564
Ion Ratio Lower Upper

165 100

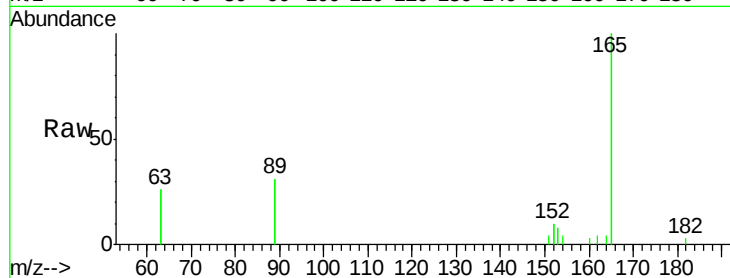
63 0.0 65.9 98.9#

89 0.0 59.1 88.7#

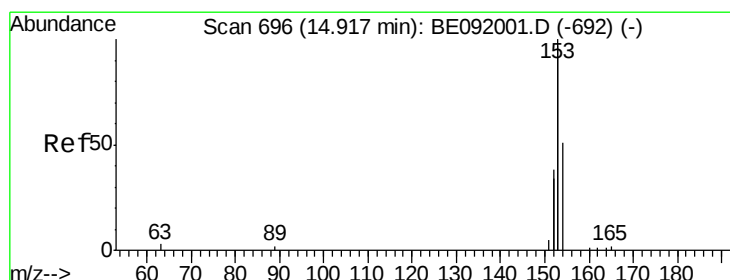
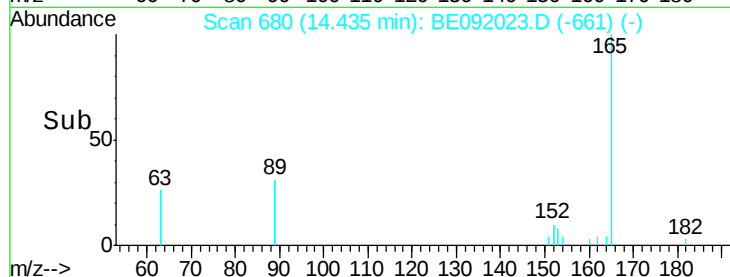
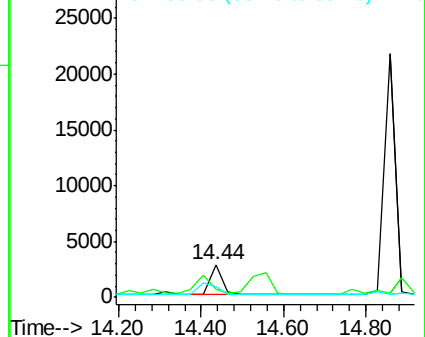
Manual Integrations

sohil

7/25/2016 6:46:20 PM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.39 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092023.D

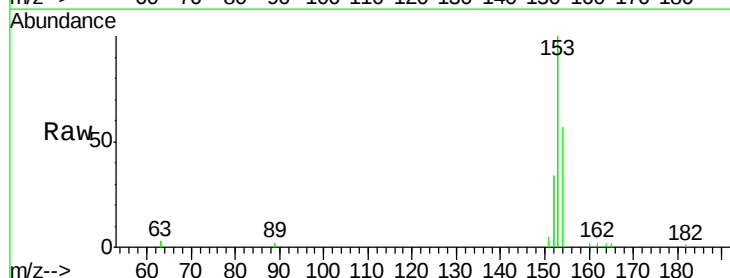
Acq: 23 Jul 2016 1:53

Tgt Ion:154 Resp: 7130
Ion Ratio Lower Upper

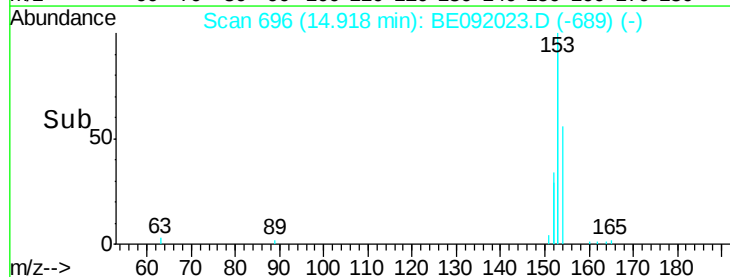
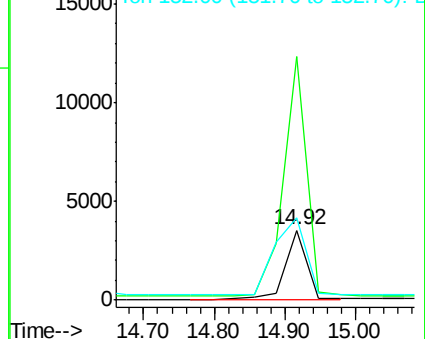
154 100

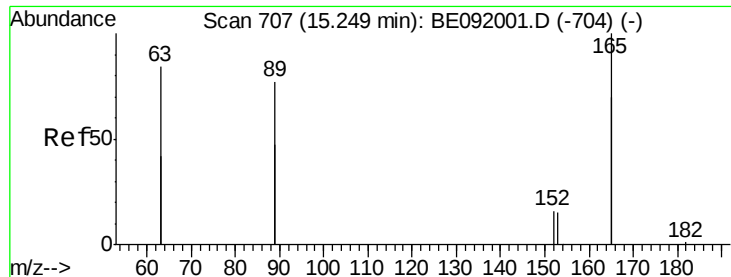
153 380.7 88.1 132.1#

152 171.2 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





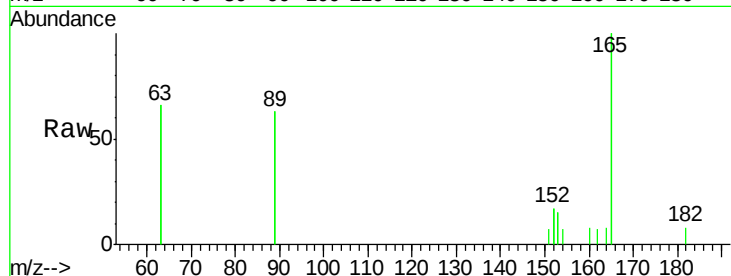
#21
2,4-Dinitrotoluene
Concen: 0.81 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

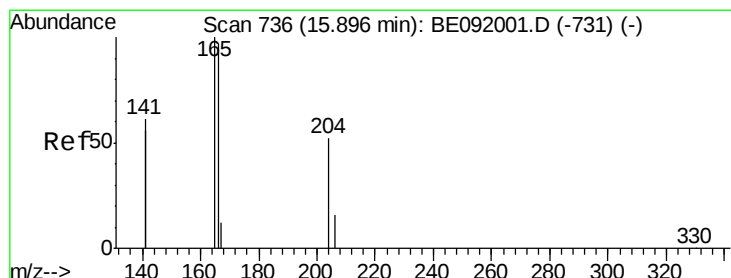
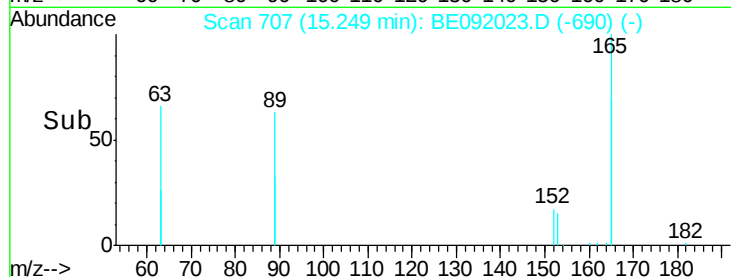
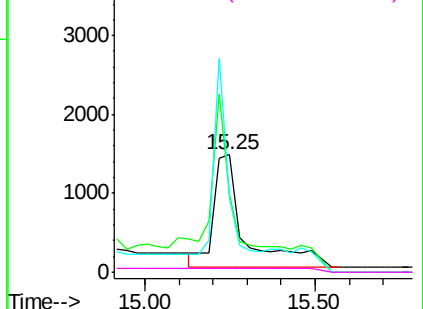
Tgt Ion:	165	Resp:	9444
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	0.0	0.0	0.0

Manual Integrations

sohil
7/25/2016 6:46:20 PM

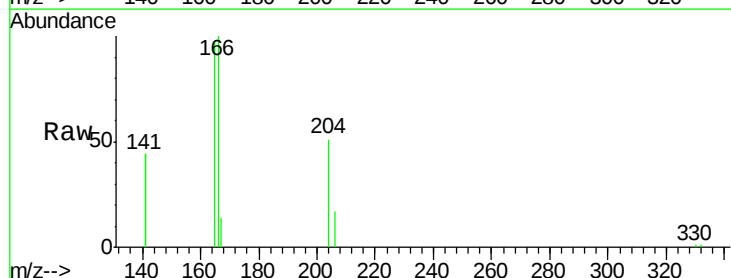


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

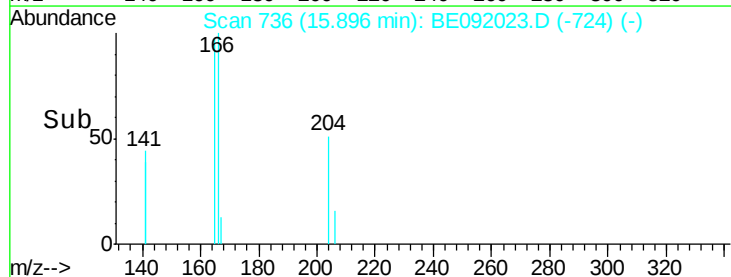
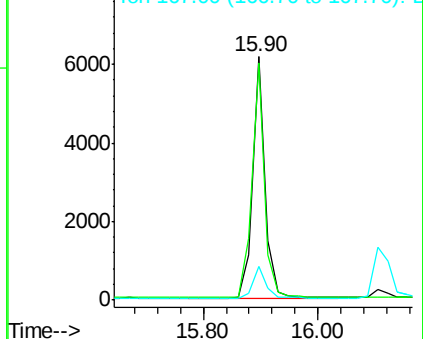


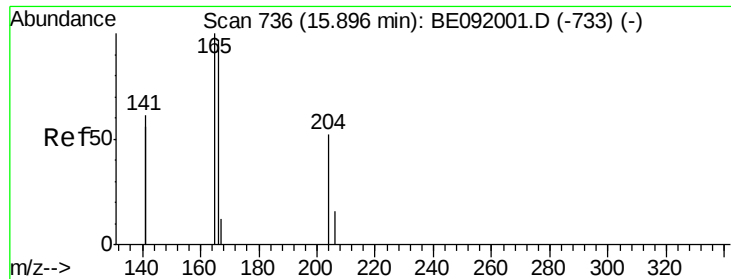
#22
Fluorene
Concen: 0.43 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion:	166	Resp:	9396
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.6	117.8
167	13.5	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





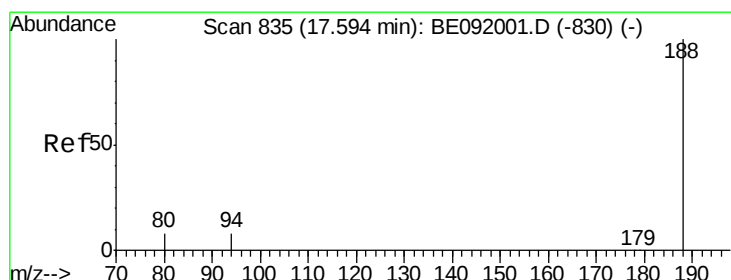
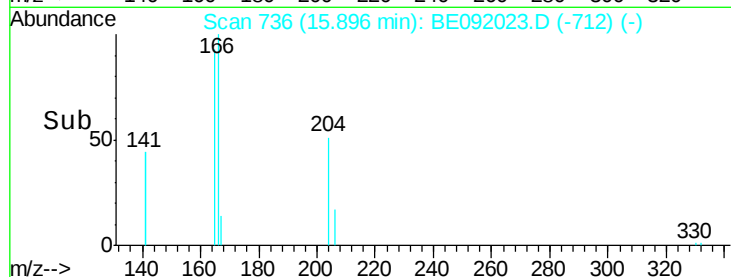
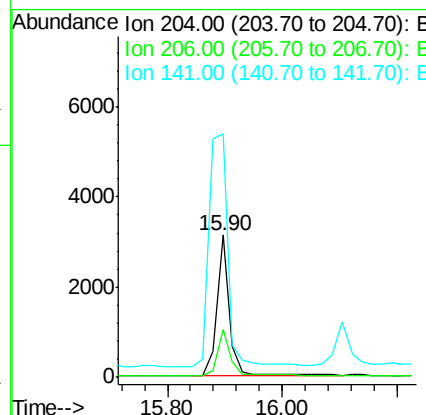
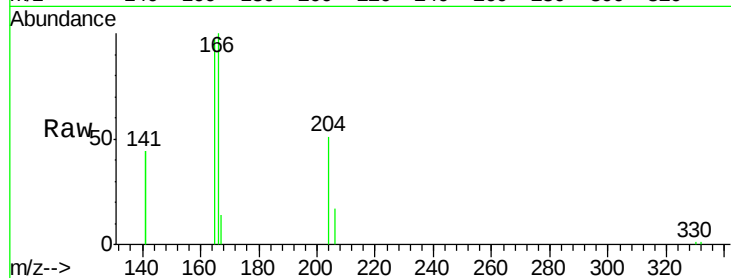
#23
 4-Chlorophenyl-phenylether
 Concen: 0.43 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092023.D
 Acq: 23 Jul 2016 1:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 204 Resp: 4641
 Ion Ratio Lower Upper
 204 100
 206 33.4 27.8 41.6
 141 250.0 197.6 296.4

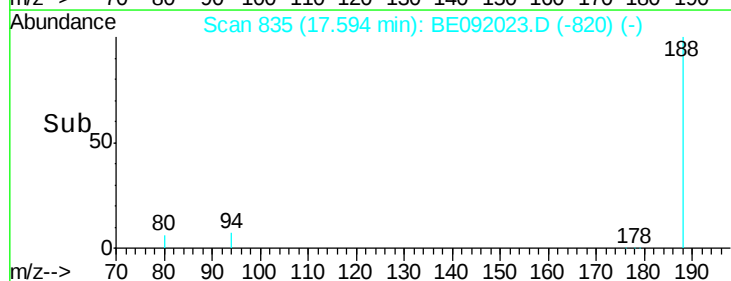
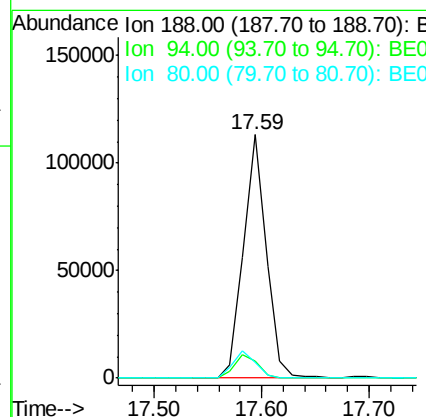
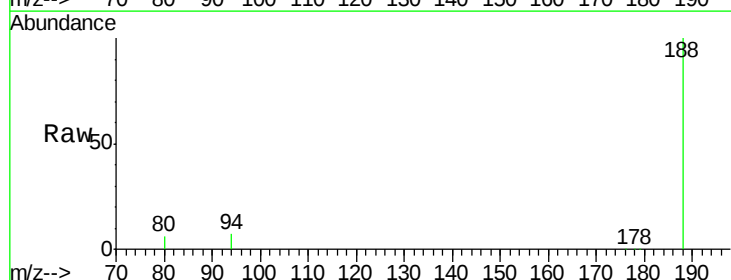
Manual Integrations

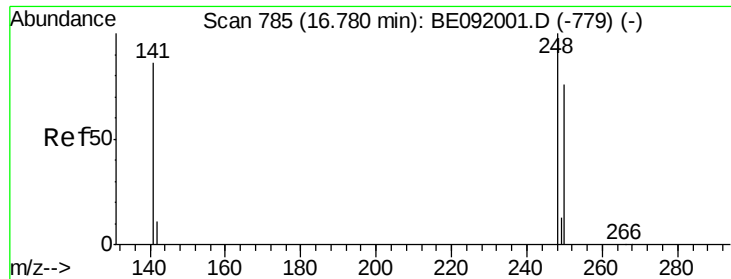
sohil
 7/25/2016 6:46:20 PM



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE092023.D
 Acq: 23 Jul 2016 1:53

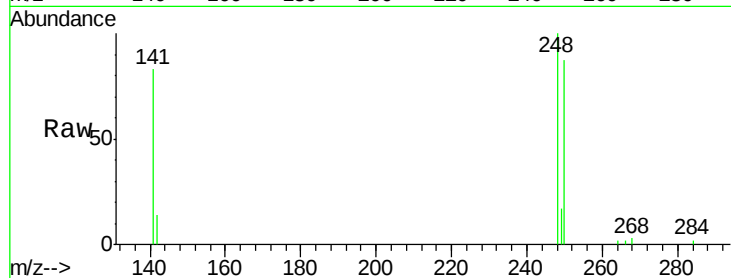
Tgt Ion: 188 Resp: 165493
 Ion Ratio Lower Upper
 188 100
 94 7.1 4.1 6.1#
 80 6.5 3.4 5.2#





#25
4-Bromophenyl-phenylether
Concen: 0.41 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

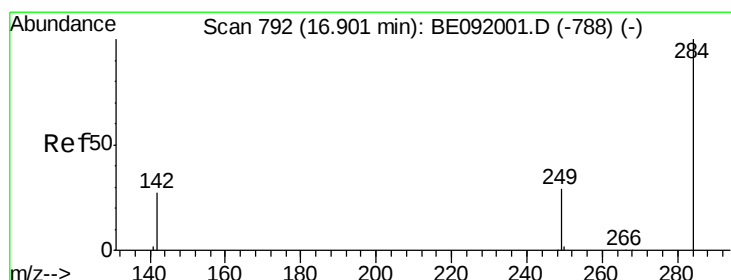
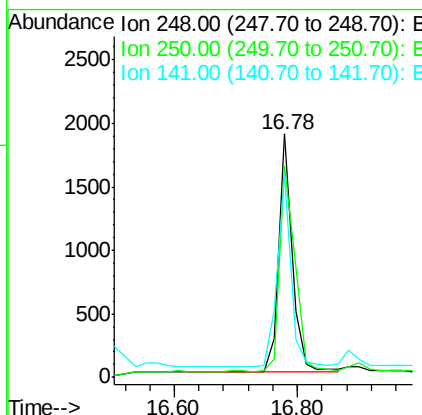
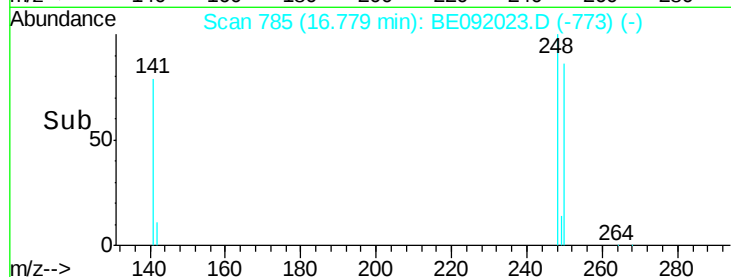
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



Tgt Ion: 248 Resp: 2812
Ion Ratio Lower Upper
248 100
250 98.1 75.7 113.5
141 83.5 64.6 97.0

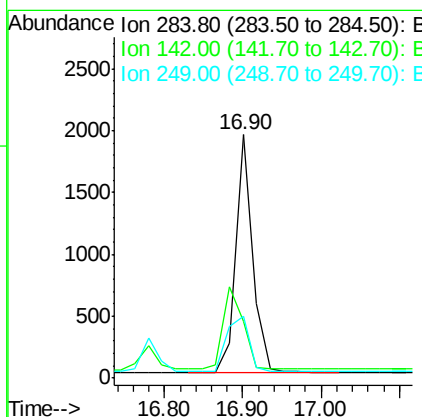
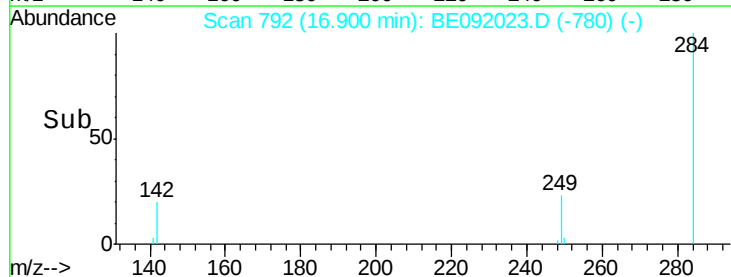
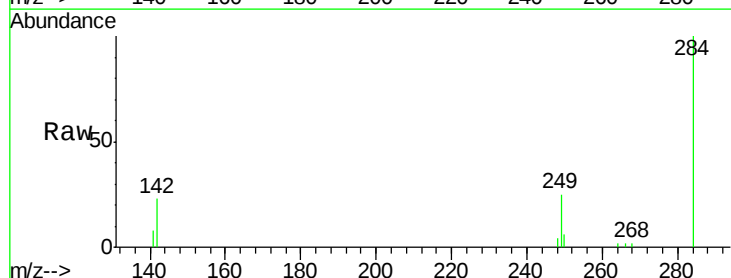
Manual Integrations

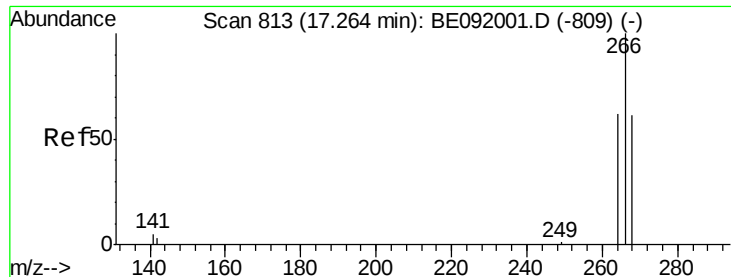
sohil
7/25/2016 6:46:20 PM



#26
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion: 284 Resp: 2873
Ion Ratio Lower Upper
284 100
142 40.6 31.4 47.2
249 31.3 25.3 37.9





#27

Pentachlorophenol

Concen: 0.59 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092023.D

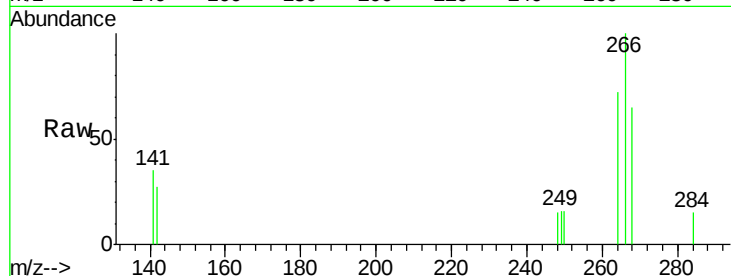
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 266 Resp: 733

Ion Ratio Lower Upper

266 100

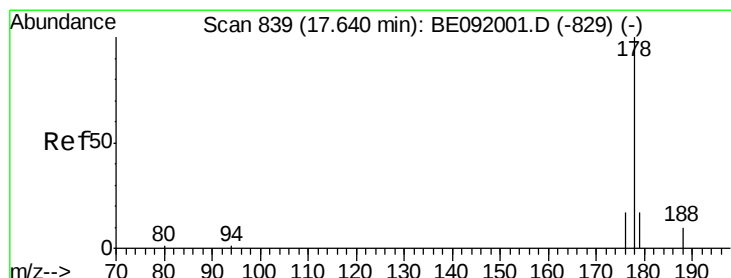
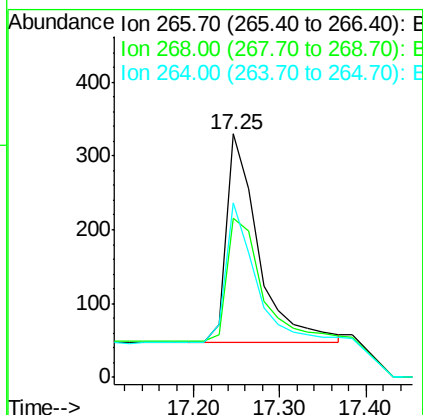
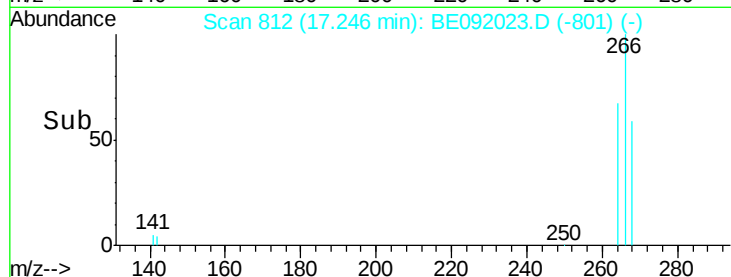
268 65.2 60.5 90.7

264 71.5 51.0 76.4

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#28

Phenanthrene

Concen: 0.41 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

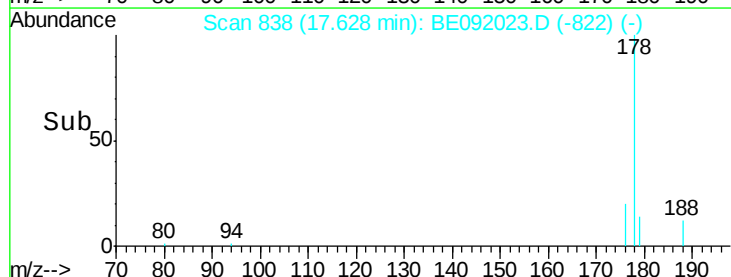
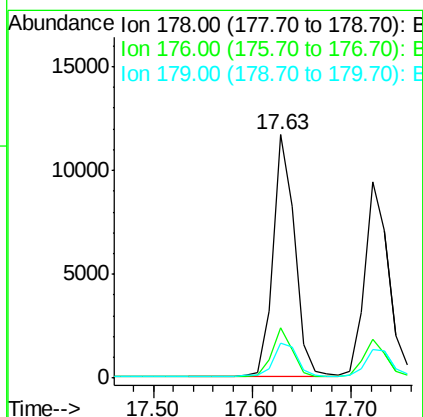
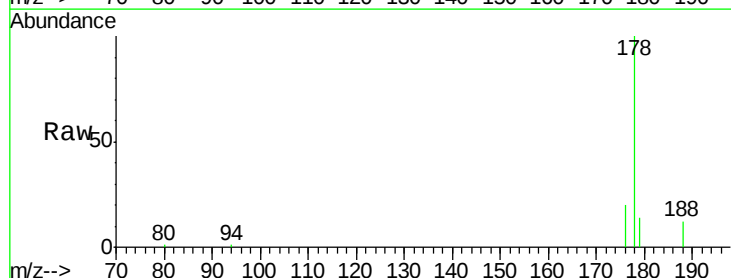
Tgt Ion: 178 Resp: 17597

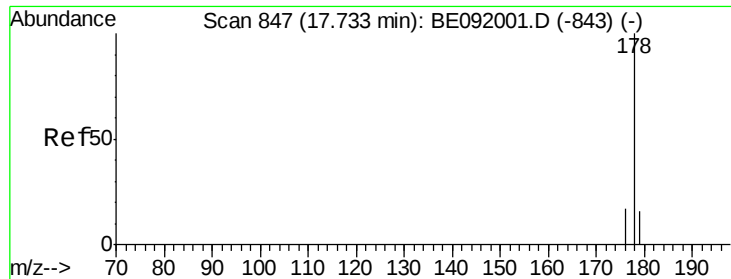
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.9 19.3





#29

Anthracene

Concen: 0.41 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092023.D

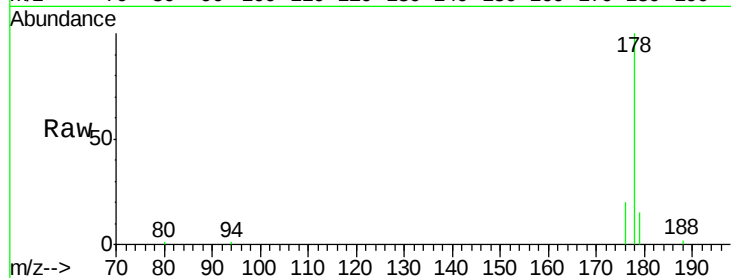
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



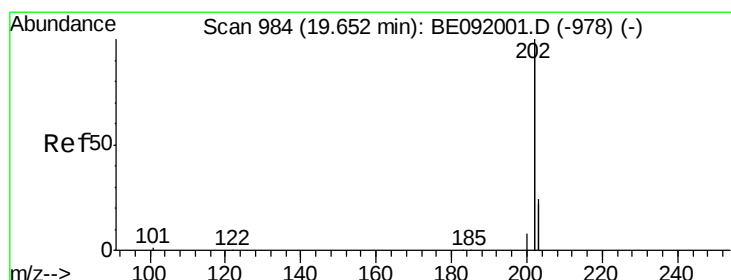
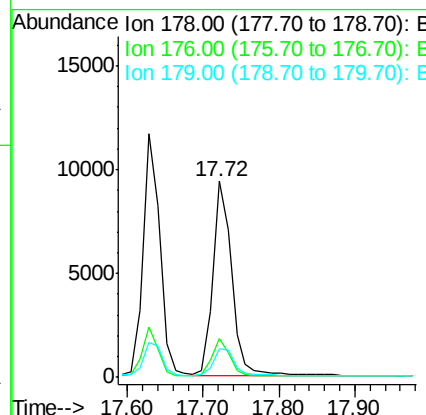
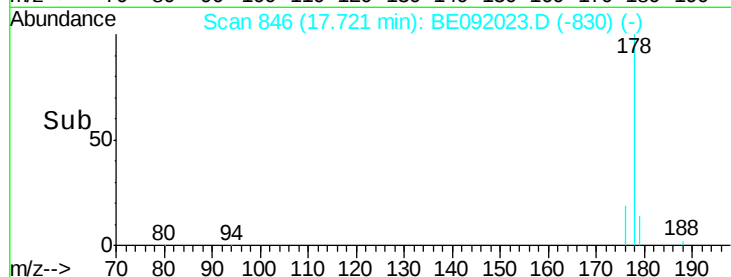
Tgt Ion:178 Resp: 15914

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.0	12.1	18.1

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#30

Fluoranthene

Concen: 0.42 ng

RT: 19.63 min Scan# 983

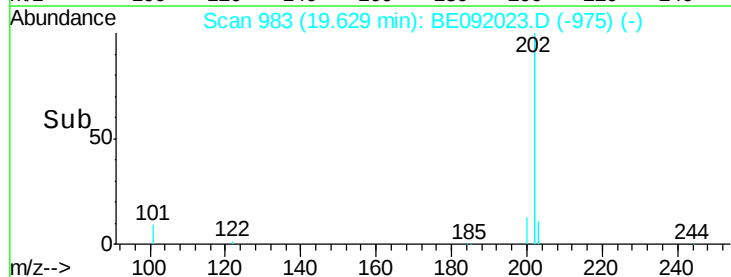
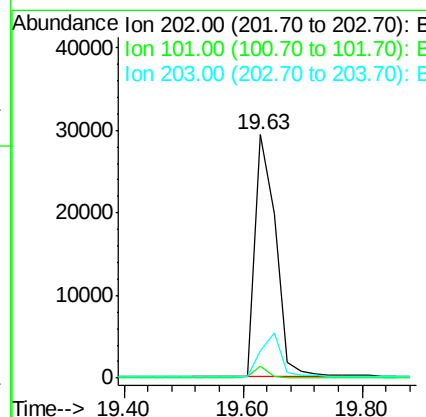
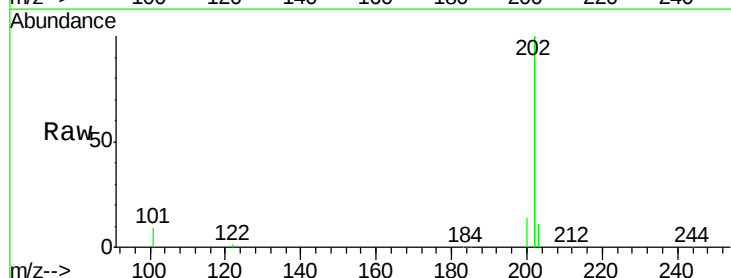
Delta R.T. -0.02 min

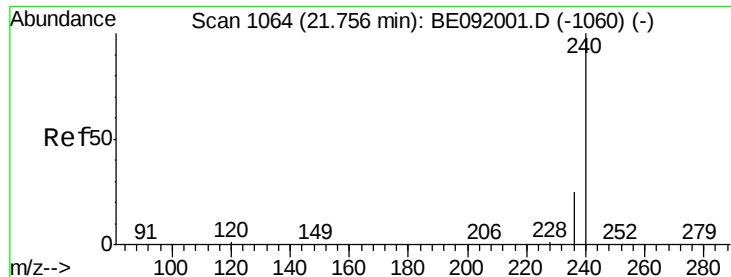
Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion:202 Resp: 71164

Ion	Ratio	Lower	Upper
202	100		
101	3.2	9.4	14.0#
203	0.0	14.3	21.5#





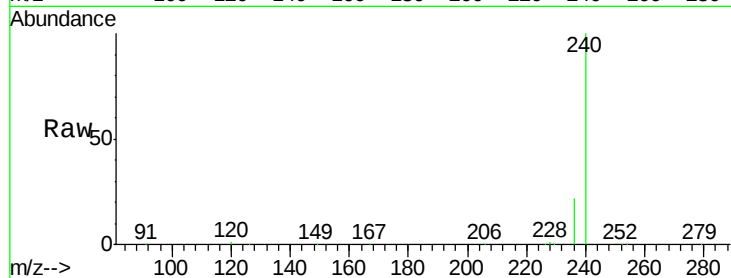
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

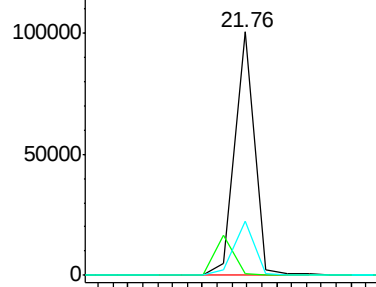
Tgt Ion: 240 Resp: 187692
Ion Ratio Lower Upper
240 100
120 0.7 1.2 1.8#
236 22.2 19.8 29.8

Manual Integrations

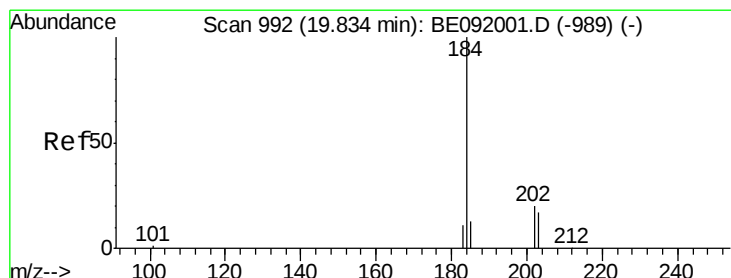
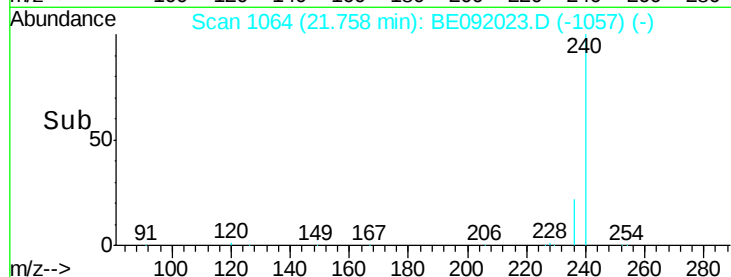
sohil
7/25/2016 6:46:20 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

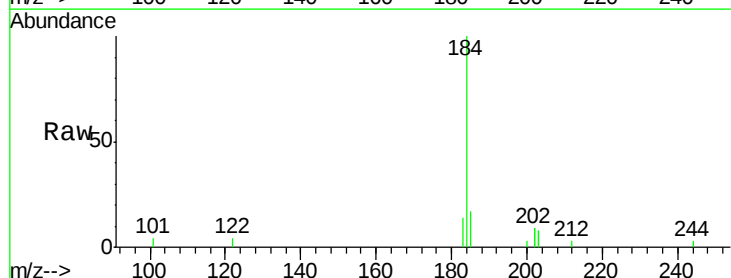


Time-->

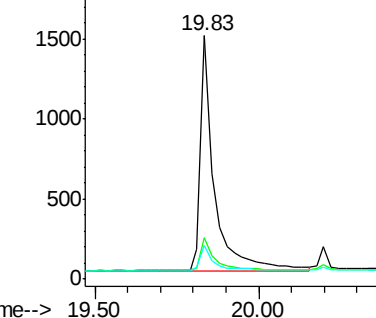


#32
Benzidine
Concen: 0.65 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

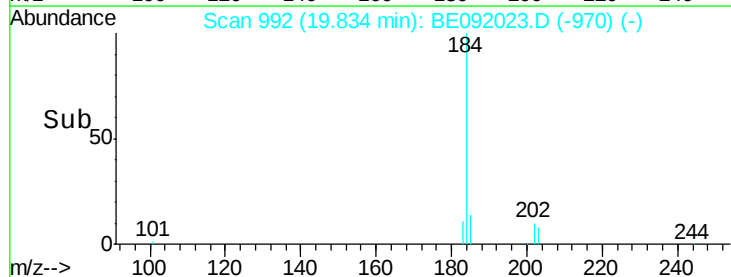
Tgt Ion: 184 Resp: 4377
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.2
183 13.7 11.8 17.6

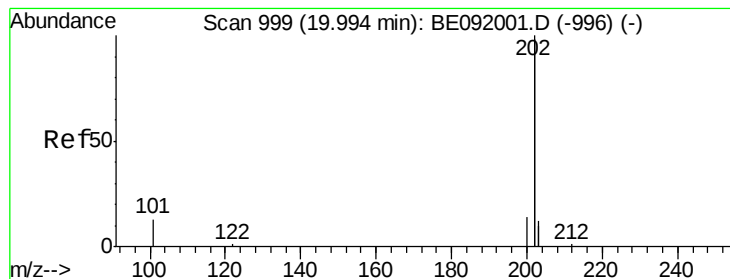


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





#33

Pyrene

Concen: 0.59 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092023.D

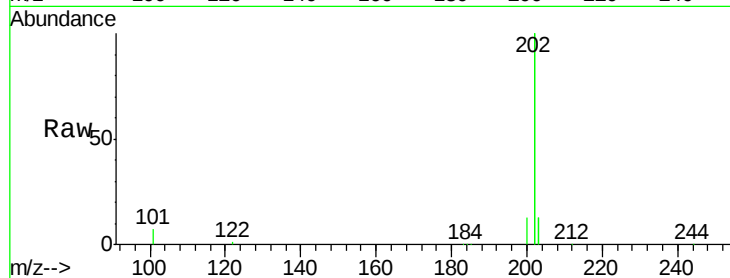
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

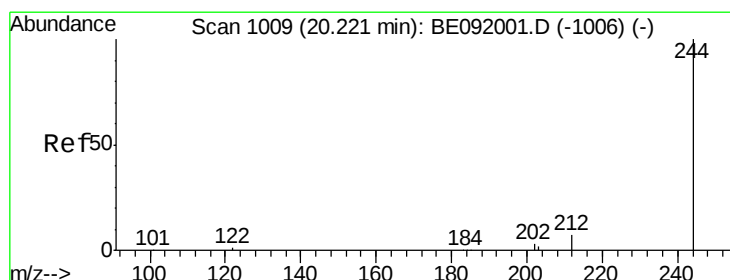
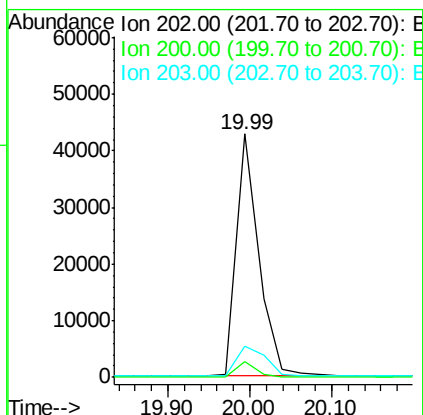


Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.7	16.9	25.3#
203	16.4	14.1	21.1

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#34

Terphenyl-d14

Concen: 0.54 ng

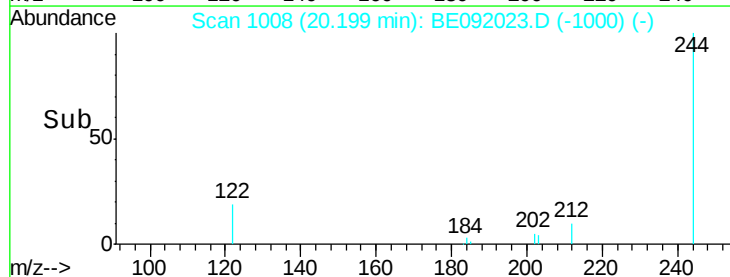
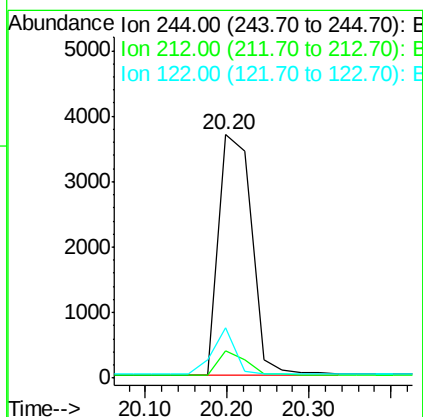
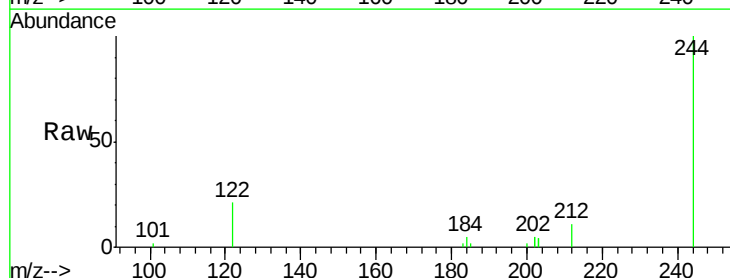
RT: 20.20 min Scan# 1008

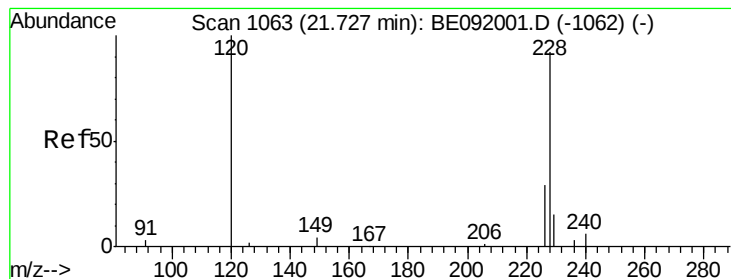
Delta R.T. -0.02 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.4	6.5	9.7#
122	20.6	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.66 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092023.D

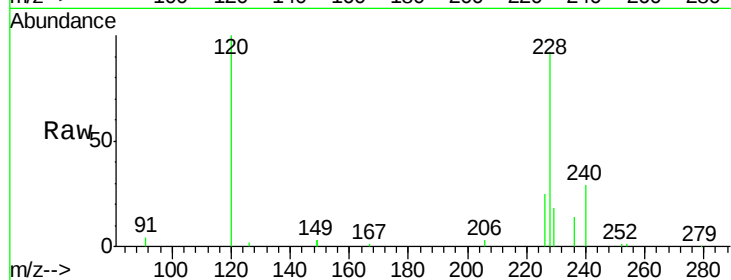
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 228 Resp: 27987

Ion Ratio Lower Upper

228 100

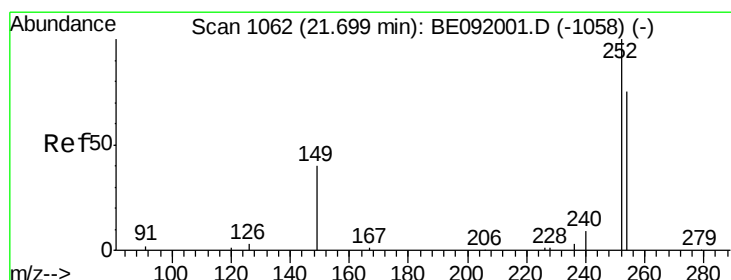
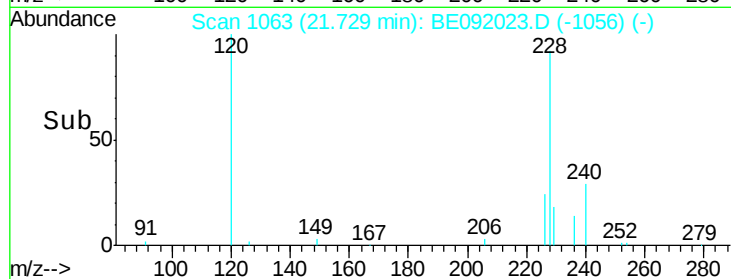
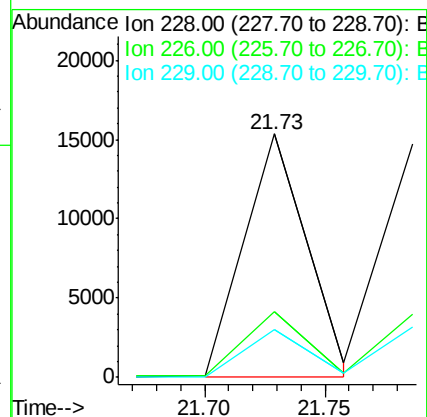
226 26.9 21.0 31.4

229 19.4 15.8 23.8

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#36

3,3'-Dichlorobenzidine

Concen: 0.85 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

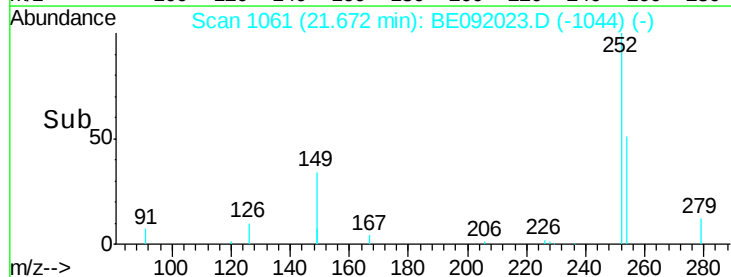
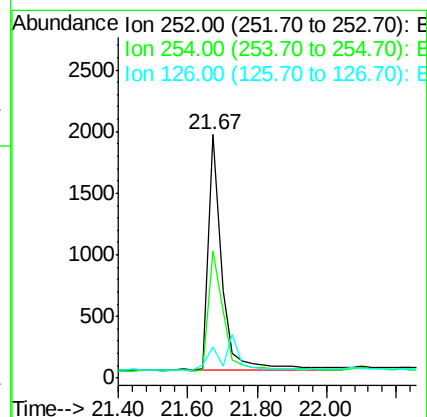
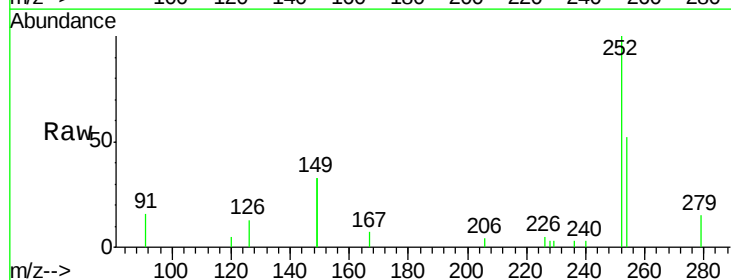
Tgt Ion: 252 Resp: 5114

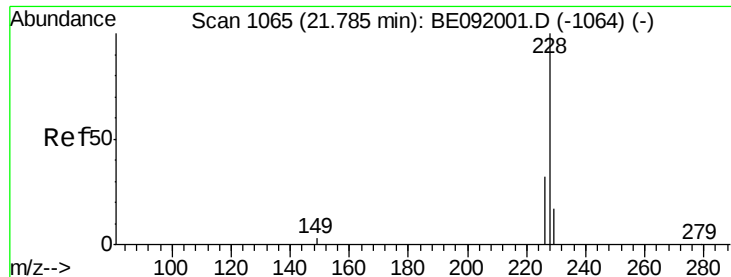
Ion Ratio Lower Upper

252 100

254 52.3 61.5 92.3#

126 13.0 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: BE092023.D

Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

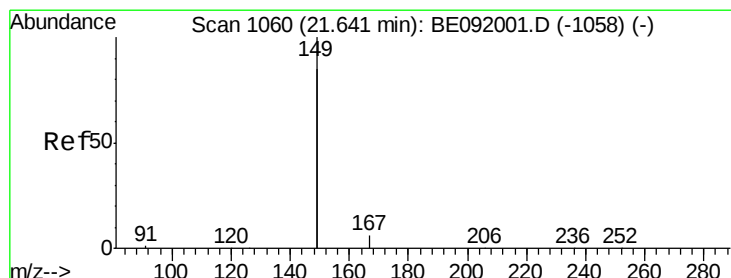
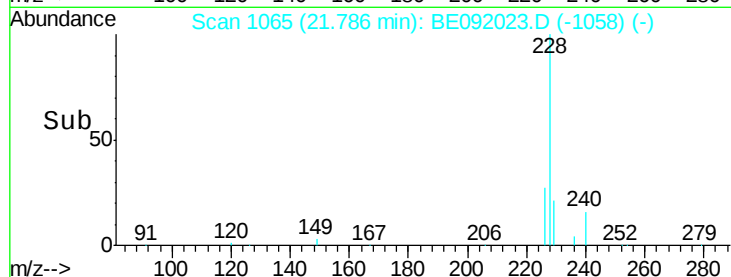
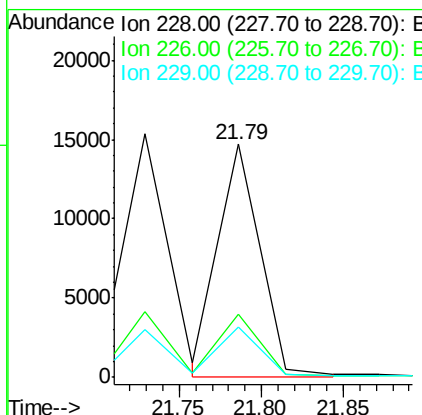
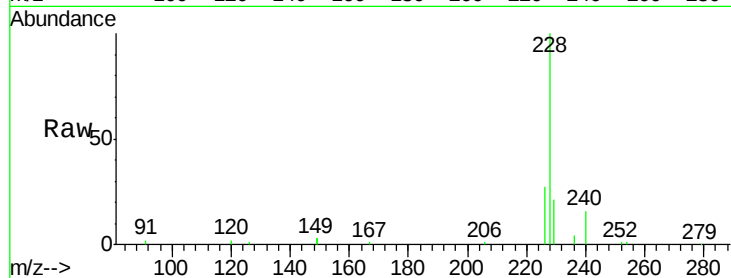
SSTDCCC0.4EC

Tgt Ion:	228	Resp:	26421
Ion Ratio	Lower	Upper	
228	100		
226	27.3	27.0	40.6
229	21.4	13.8	20.8#

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#38

Bis(2-ethylhexyl)phthalate

Concen: 1.31 ng

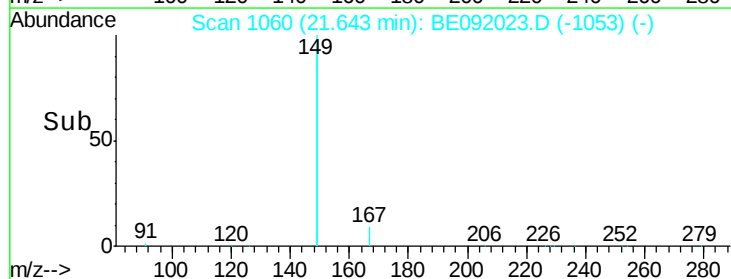
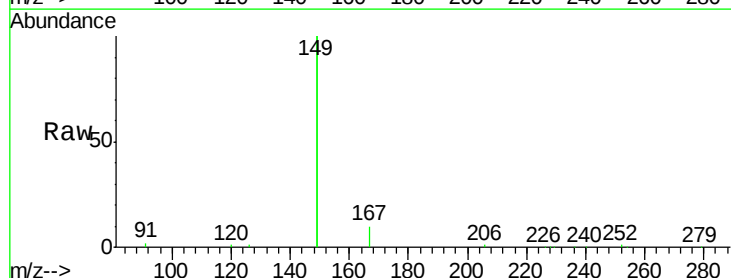
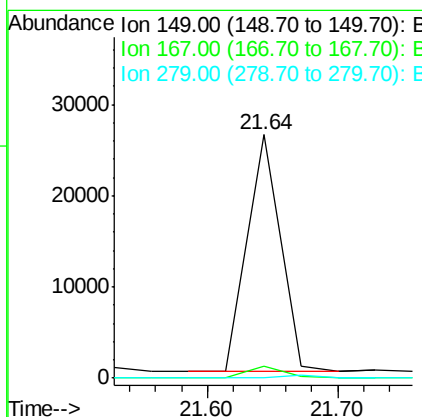
RT: 21.64 min Scan# 1060

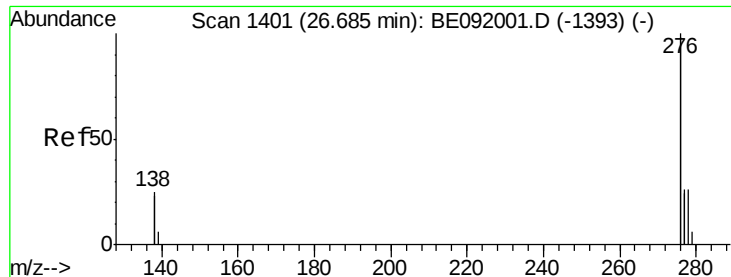
Delta R.T. 0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

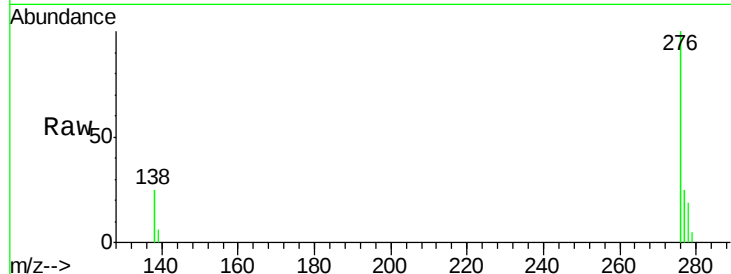
Tgt Ion:	149	Resp:	45929
Ion Ratio	Lower	Upper	
149	100		
167	4.8	0.0	0.0#
279	0.0	0.0	0.0





#39
Indeno(1,2,3-cd)pyrene
Concen: 0.52 ng
RT: 26.67 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

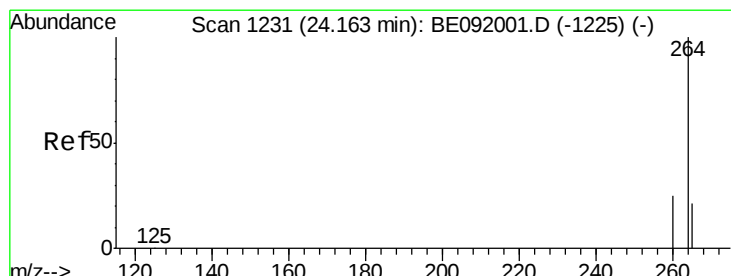
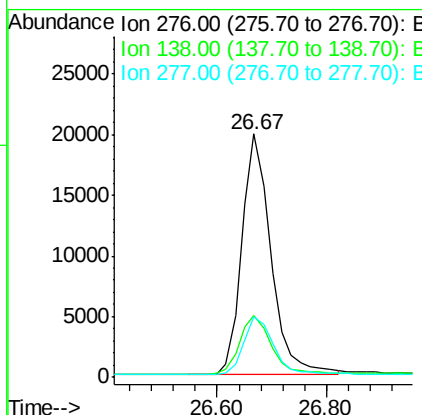
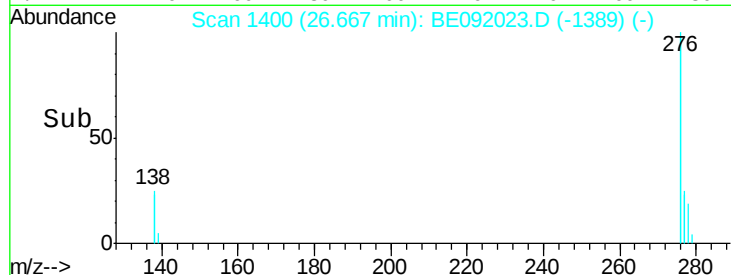
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC



Tgt Ion: 276 Resp: 73388
Ion Ratio Lower Upper
276 100
138 26.1 19.7 29.5
277 24.8 20.1 30.1

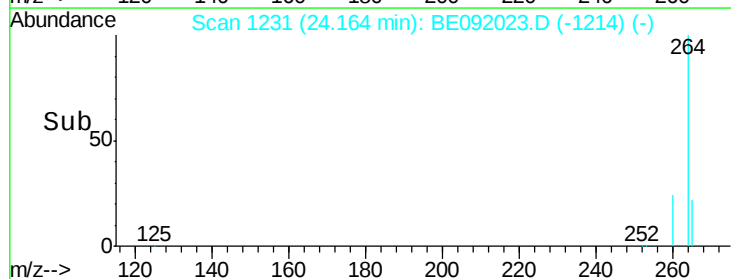
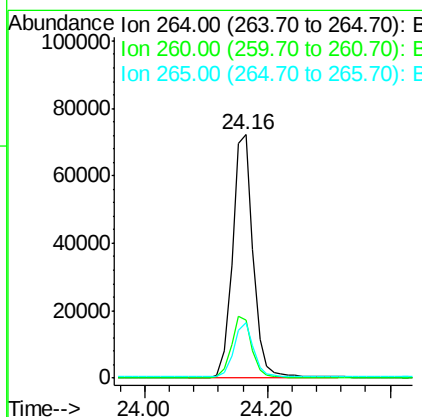
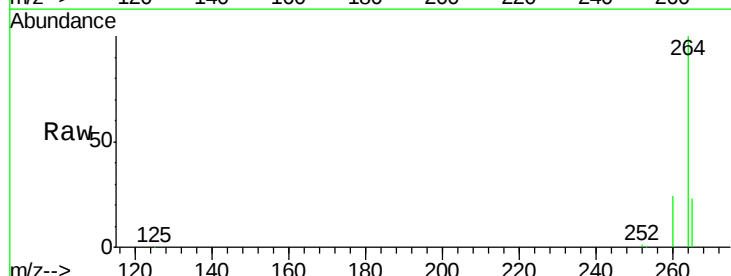
Manual Integrations

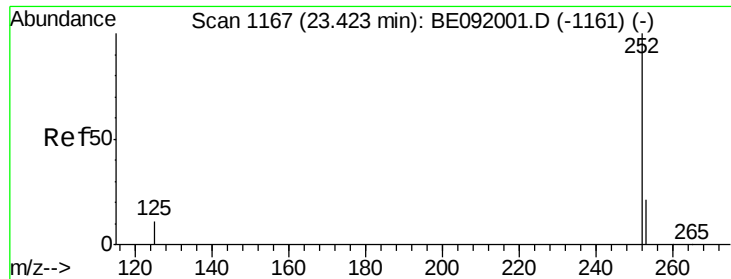
sohil
7/25/2016 6:46:20 PM



#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion: 264 Resp: 169196
Ion Ratio Lower Upper
264 100
260 23.9 20.3 30.5
265 22.6 17.6 26.4





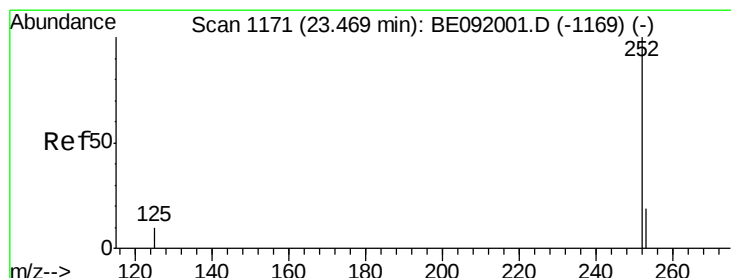
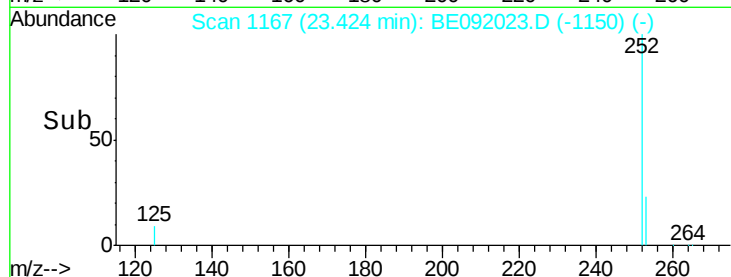
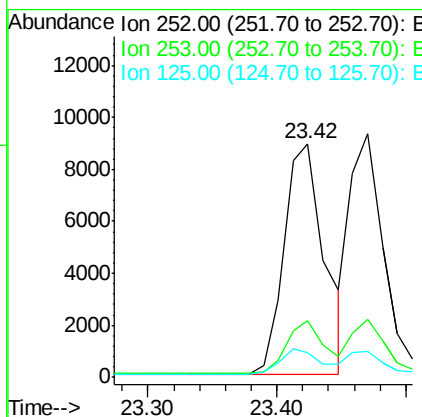
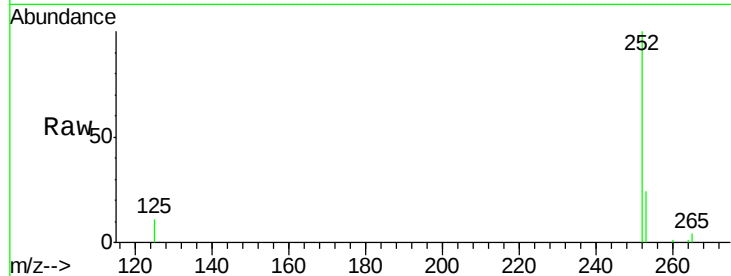
#41
Benzo(b)fluoranthene
Concen: 0.44 ng
RT: 23.42 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	10.6	9.4	14.2

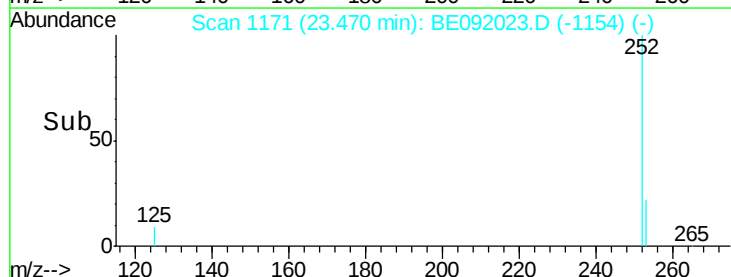
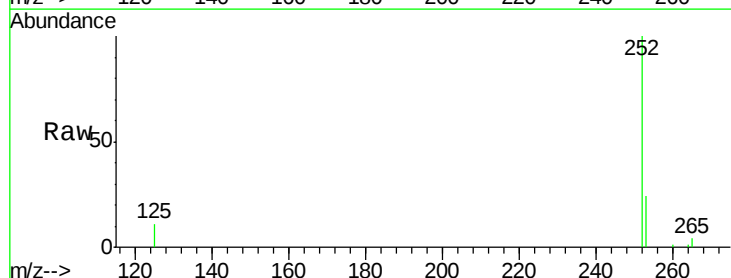
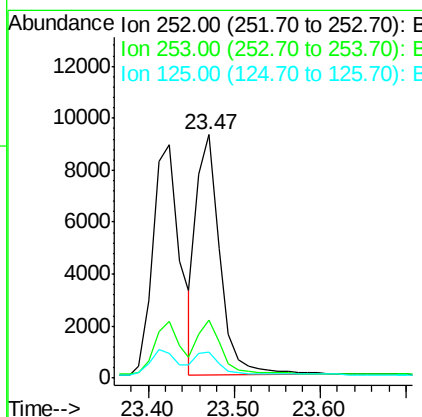
Manual Integrations

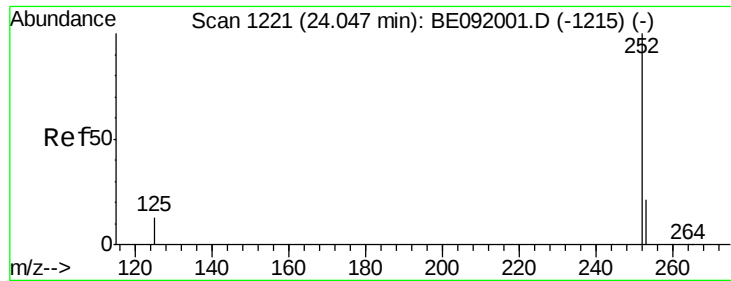
sohil
7/25/2016 6:46:20 PM



#42
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BE092023.D
Acq: 23 Jul 2016 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	10.6	8.3	12.5





#43

Benzo(a)pyrene

Concen: 0.41 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092023.D

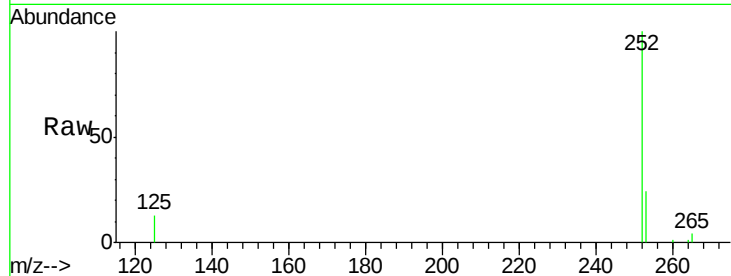
Acq: 23 Jul 2016 1:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

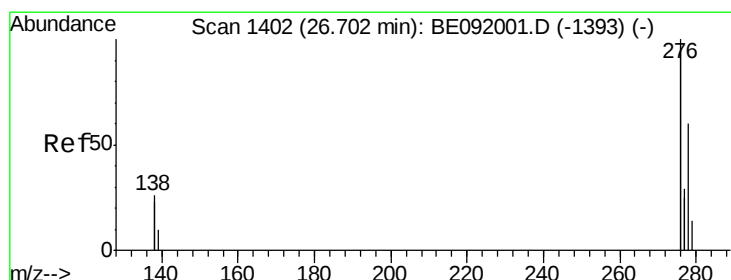
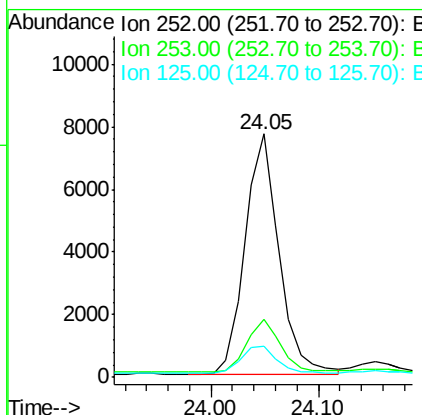
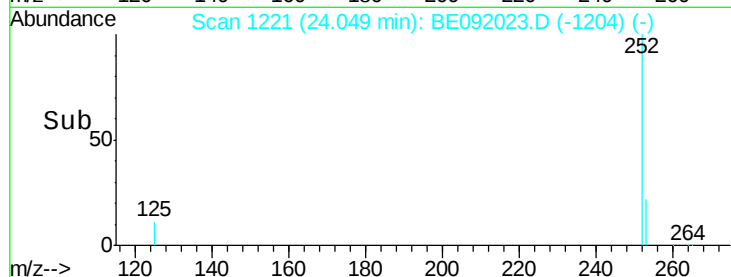


Tgt Ion:	252	Resp:	16827
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.9	28.3
125	13.0	10.5	15.7

Manual Integrations

sohil

7/25/2016 6:46:20 PM



#44

Dibenzo(a,h)anthracene

Concen: 0.41 ng

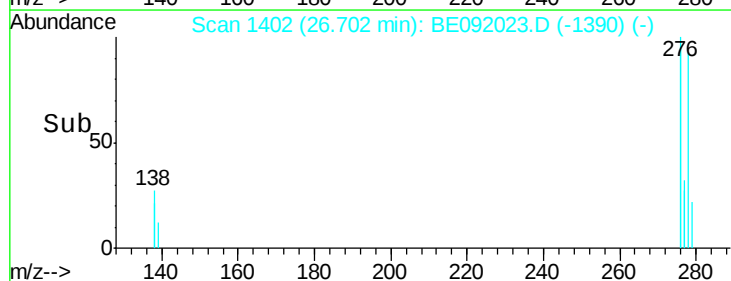
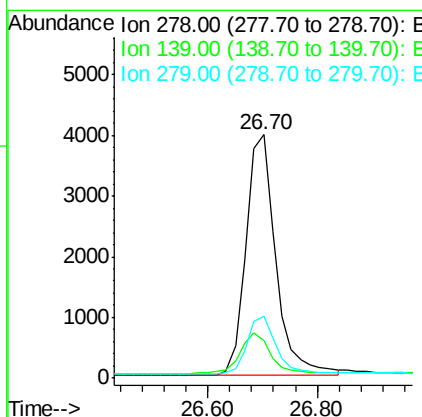
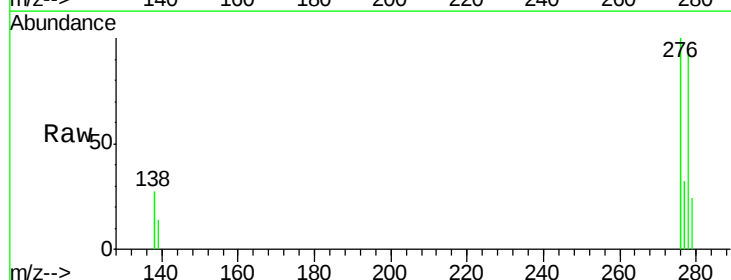
RT: 26.70 min Scan# 1402

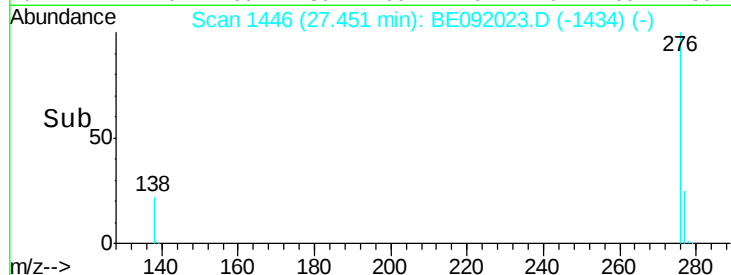
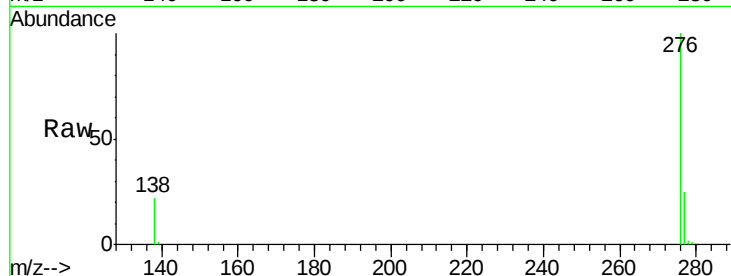
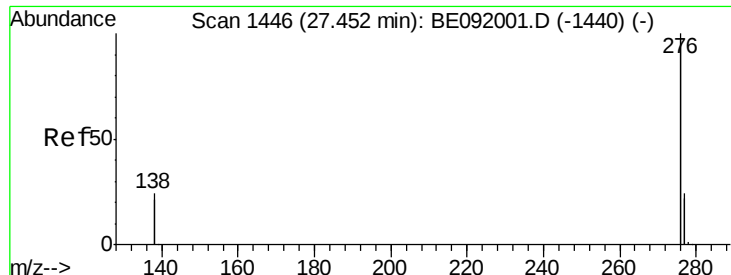
Delta R.T. -0.00 min

Lab File: BE092023.D

Acq: 23 Jul 2016 1:53

Tgt Ion:	278	Resp:	14969
Ion Ratio	Lower	Upper	
278	100		
139	15.2	12.6	18.8
279	25.4	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: BE092023.D
 Acq: 23 Jul 2016 1:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:	276	Resp:	61861
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.5	29.3
138	21.6	17.7	26.5

Manual Integrations

sohil
 7/25/2016 6:46:20 PM

