

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092004.D
 Acq On : 22 Jul 2016 12:51
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Manual Integrations

sohil
 7/25/2016 6:45:59 PM

Quant Time: Jul 22 13:32:31 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 12:49:04 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22220	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	113206	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	76664	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	168394	5.00	ng	0.00
31) Chrysene-d12	21.76	240	278052	5.00	ng	0.00
40) Perylene-d12	24.16	264	188121	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	16545	4.21	ng	0.00
5) Phenol-d6	7.35	99	24503	4.48	ng	-0.02
9) Nitrobenzene-d5	9.37	82	25106	3.94	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	8211	5.24	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	65002	3.22	ng	-0.01
34) Terphenyl-d14	20.22	244	89962	3.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	8993	2.85	ng	87
3) n-Nitrosodimethylamine	3.80	42	13846	4.87	ng	# 79
6) bis(2-Chloroethyl)ether	7.61	93	22772	3.85	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	20284	4.03	ng	# 99
10) Nitrobenzene	9.40	77	28686	4.18	ng	# 100
11) bis(2-Chloroethoxy)methane	10.40	93	30495	3.91	ng	# 13
12) Naphthalene	11.04	128	81223	3.09	ng	97
13) Hexachlorobutadiene	11.34	225	11617	3.05	ng	98
14) 2-Methylnaphthalene	12.66	142	53220	3.34	ng	97
18) Acenaphthylene	14.56	152	416273	3.83	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	71343	5.68	ng	# 10
20) Acenaphthene	14.92	154	61781	3.01	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	80356	6.84	ng	# 54
22) Fluorene	15.90	166	78854	3.34	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	37767	3.14	ng	98
25) 4-Bromophenyl-phenylether	16.78	248	23123	3.34	ng	98
26) Hexachlorobenzene	16.90	284	23479	3.21	ng	99
27) Pentachlorophenol	17.25	266	8512	7.50	ng	92
28) Phenanthrene	17.63	178	138694	3.13	ng	99
29) Anthracene	17.72	178	135689	3.57	ng	100
30) Fluoranthene	19.63	202	560642	3.24	ng	# 67
32) Benzidine	19.83	184	43528	5.68	ng	# 89
33) Pyrene	19.99	202	667987	3.47	ng	# 64
35) Benzo(a)anthracene	21.73	228	213716m	3.60	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	45967	5.45	ng	# 63
37) Chrysene	21.78	228	243685m	3.16	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	172290	3.97	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.69	276	696174	3.38	ng	98
41) Benzo(b)fluoranthene	23.42	252	170154	3.55	ng	98
42) Benzo(k)fluoranthene	23.47	252	170377	3.45	ng	96
43) Benzo(a)pyrene	24.05	252	157196	3.55	ng	95
44) Dibenzo(a,h)anthracene	26.70	278	142328	3.63	ng	98
45) Benzo(g,h,i)perylene	27.45	276	567301	3.48	ng	99

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092004.D
Acq On : 22 Jul 2016 12:51
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Jul 22 13:32:31 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 12:49:04 2016
Response via : Initial Calibration

Manual Integrations

sohil
7/25/2016 6:45:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

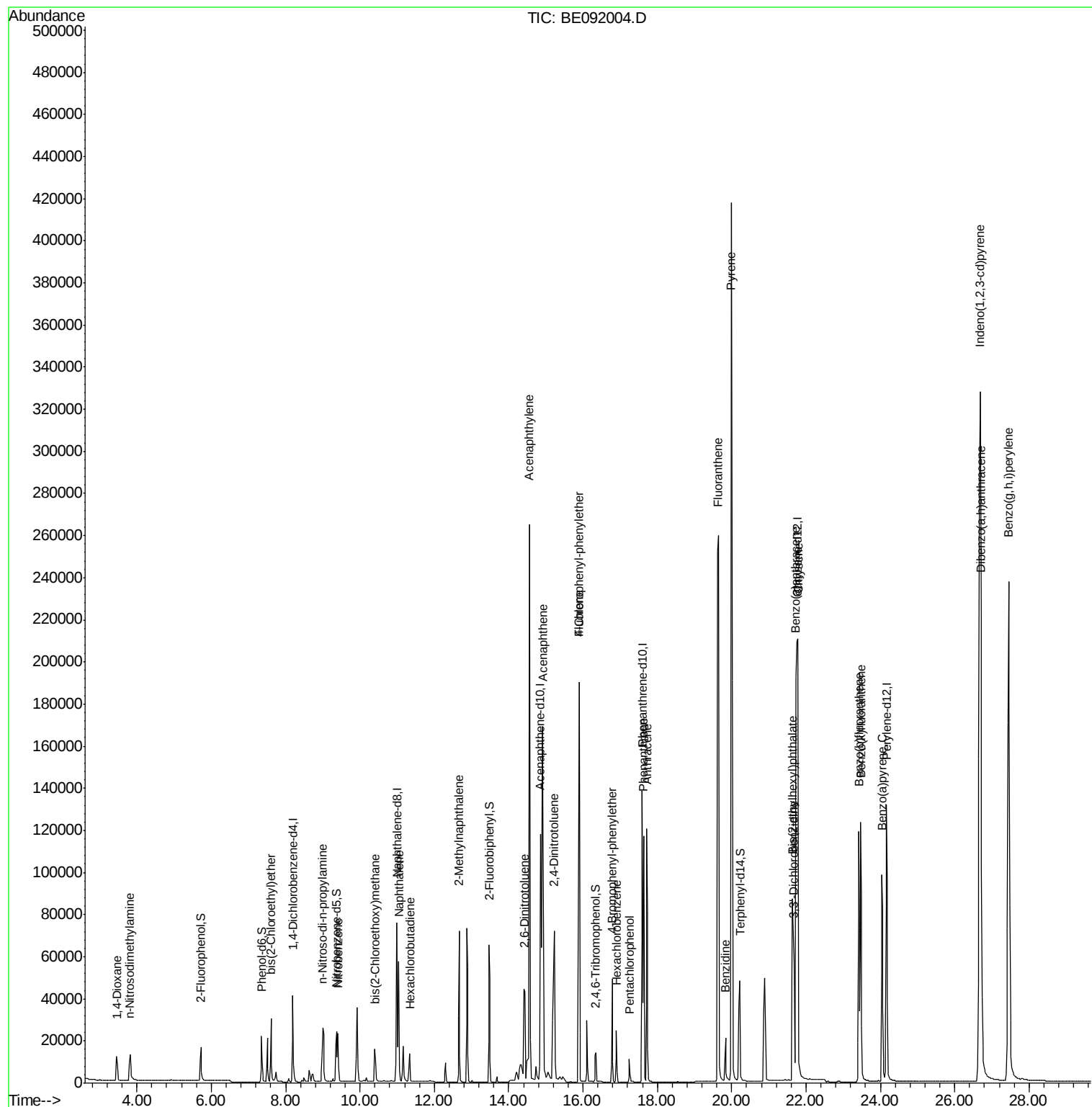
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092004.D
Acq On : 22 Jul 2016 12:51
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

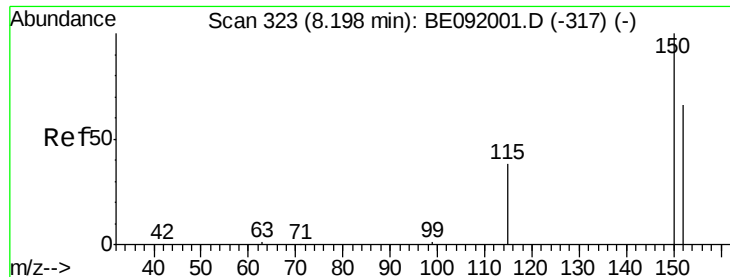
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Manual Integrations

sohil
7/25/2016 6:45:59 PM

Quant Time: Jul 22 13:32:31 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 12:49:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE092004.D

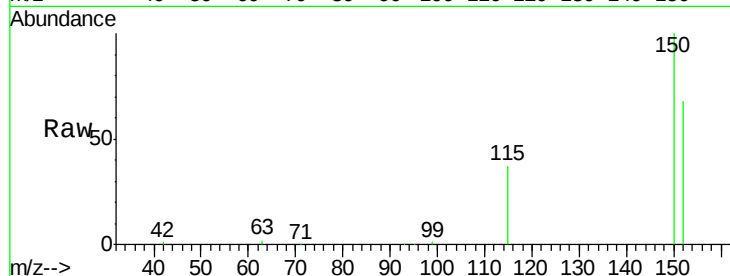
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2



Tgt Ion:152 Resp: 22220

Ion Ratio Lower Upper

152 100

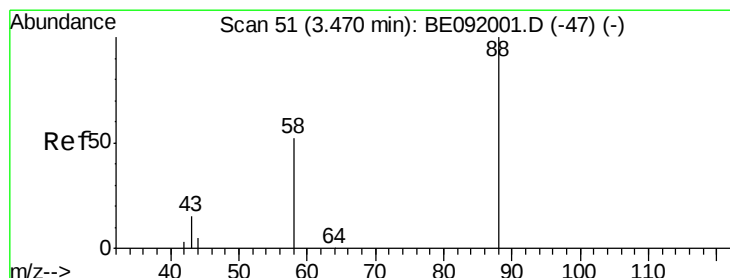
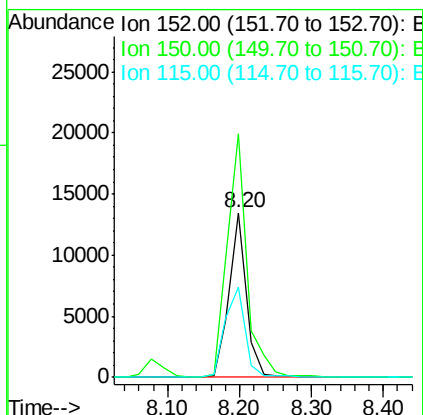
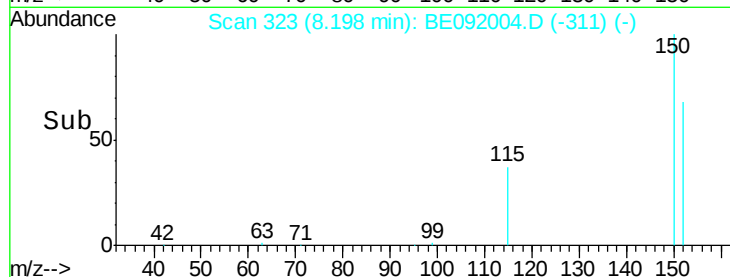
150 147.7 123.9 185.9

115 54.9 48.3 72.5

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#2

1,4-Dioxane

Concen: 2.85 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

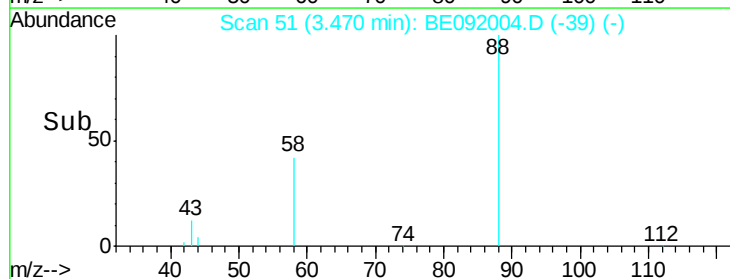
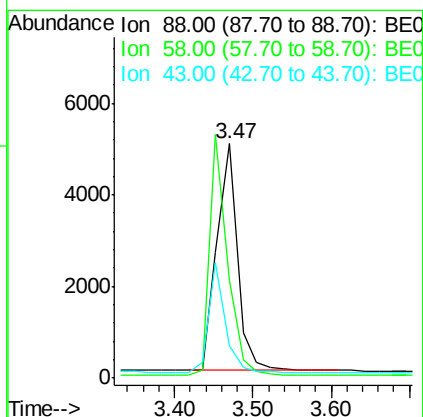
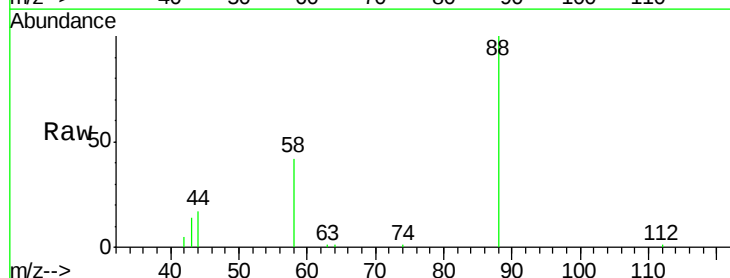
Tgt Ion: 88 Resp: 8993

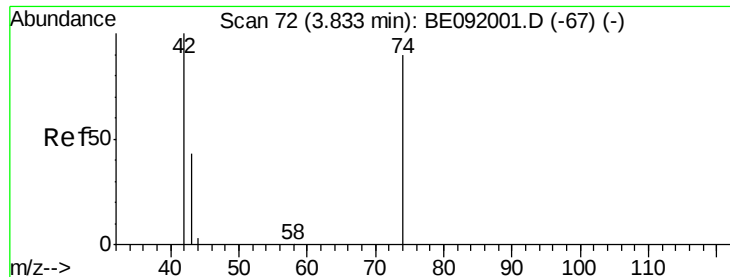
Ion Ratio Lower Upper

88 100

58 92.8 63.0 94.4

43 39.3 29.1 43.7





#3

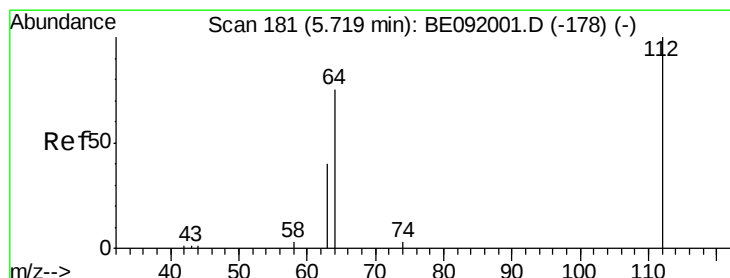
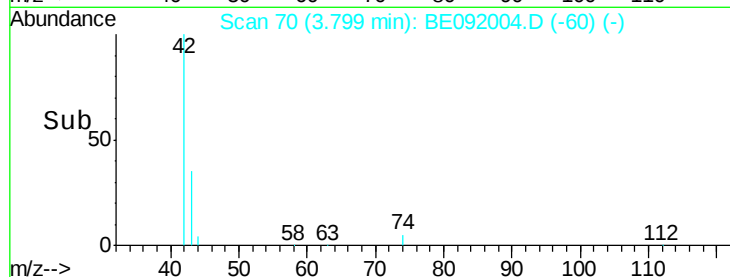
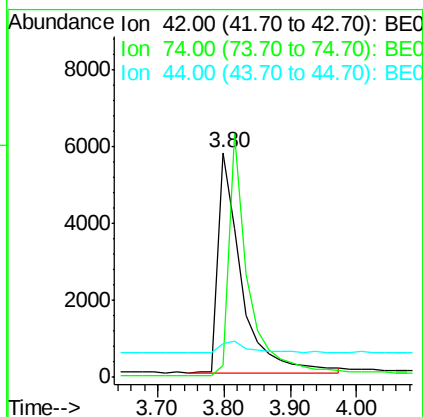
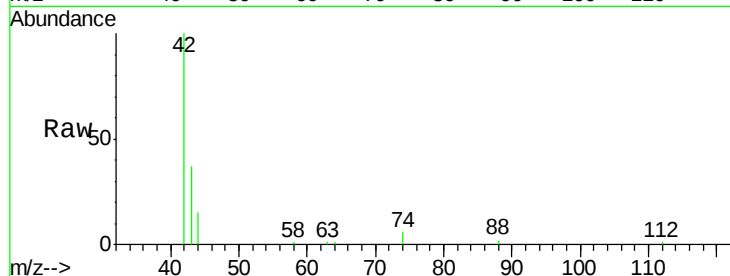
n-Nitrosodimethylamine
Concen: 4.87 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 13846
Ion Ratio Lower Upper
42 100
74 92.3 93.4 140.0#
44 6.4 5.0 7.6

Manual Integrations

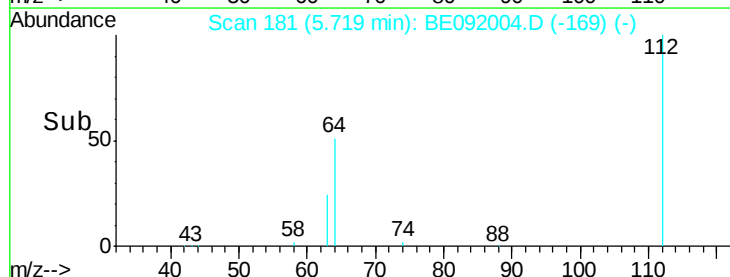
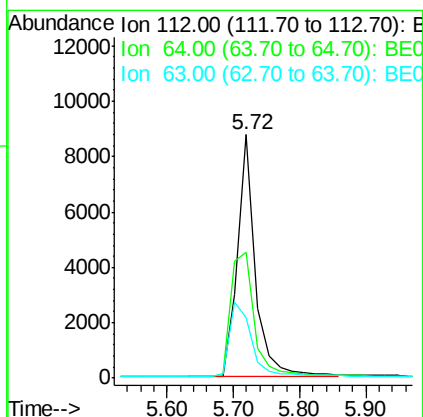
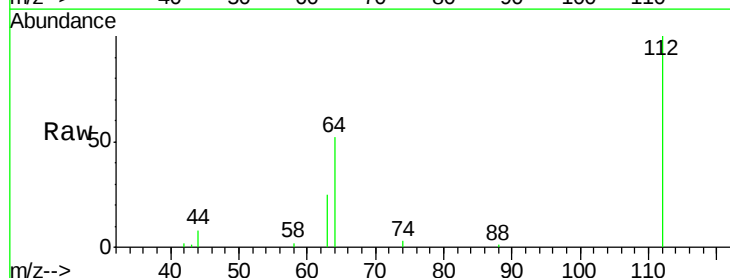
sohil
7/25/2016 6:45:59 PM

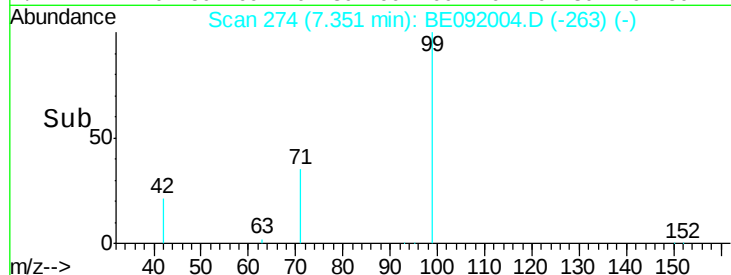
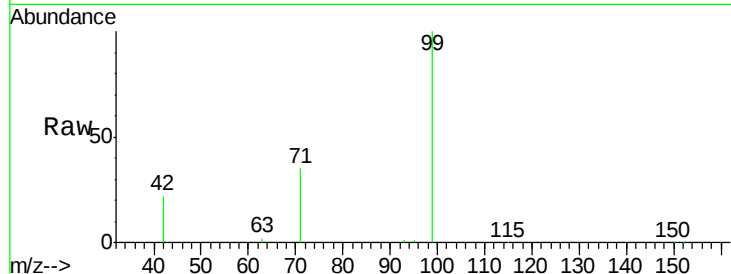
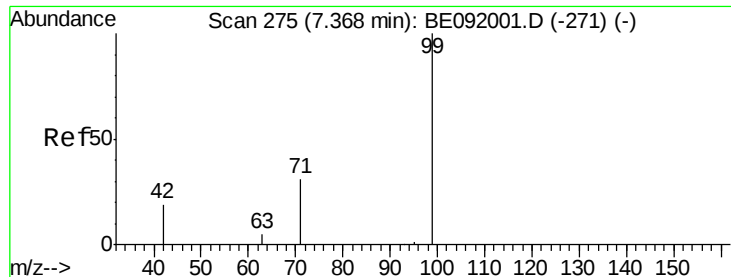


#4

2-Fluorophenol
Concen: 4.21 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion: 112 Resp: 16545
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 37.0 29.5 44.3





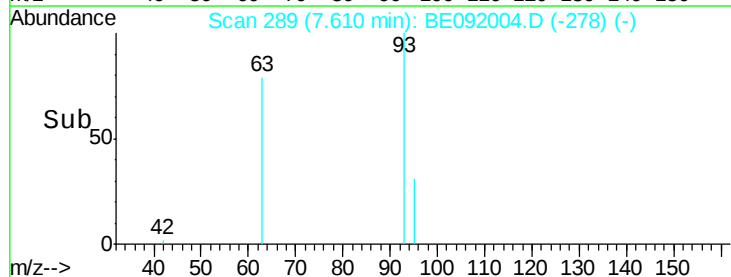
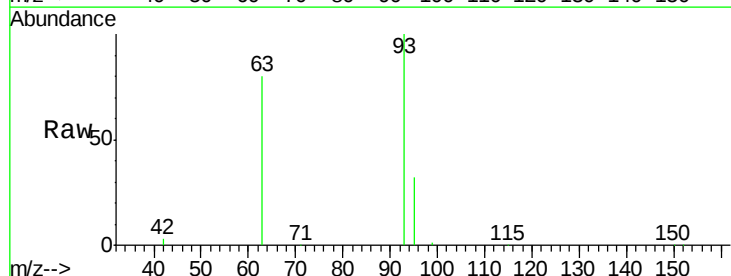
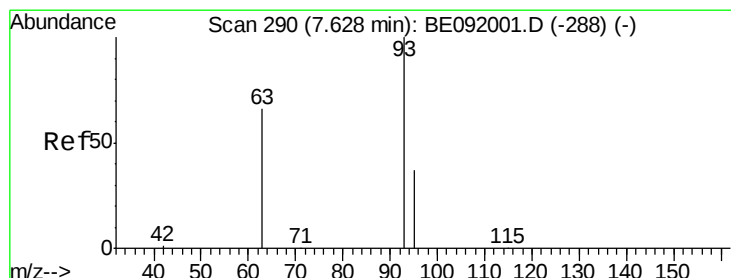
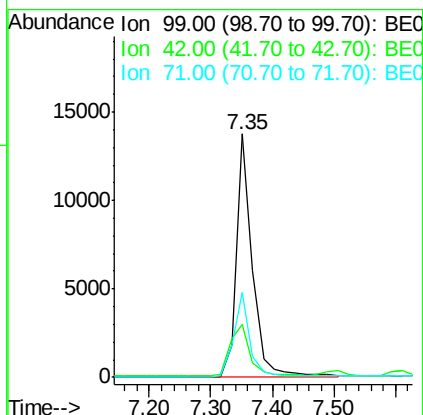
#5
Phenol-d6
Concen: 4.48 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.4	19.6	29.4
71	35.3	28.1	42.1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

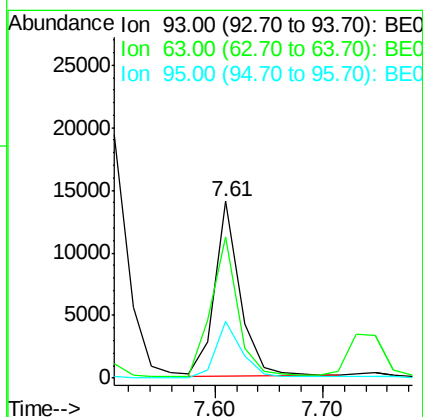
Manual Integrations

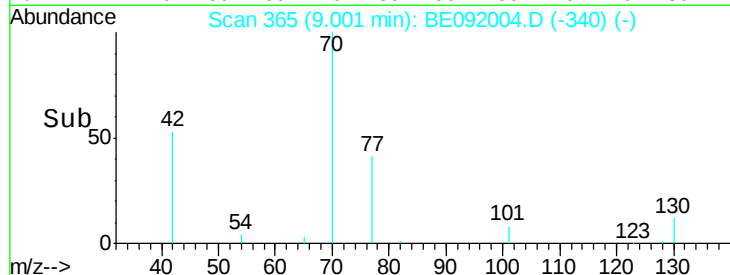
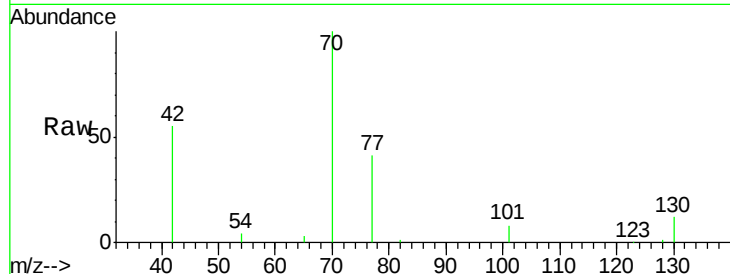
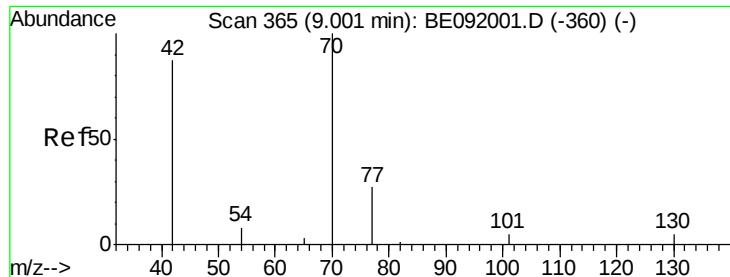
sohil
7/25/2016 6:45:59 PM



#6
bis(2-Chloroethyl)ether
Concen: 3.85 ng
RT: 7.61 min Scan# 289
Delta R.T. -0.02 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.9	66.2	99.4
95	32.7	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.03 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

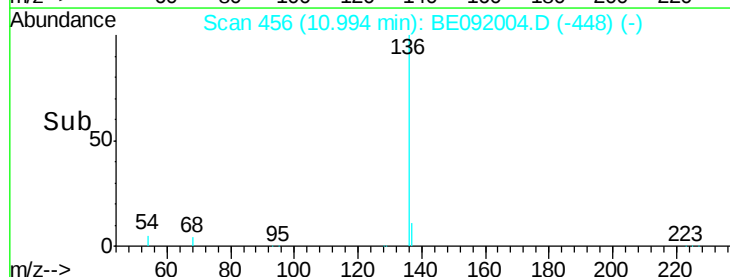
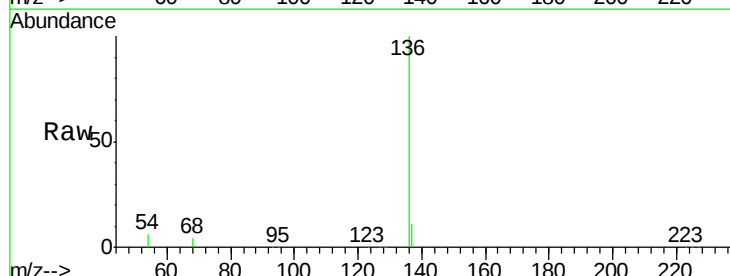
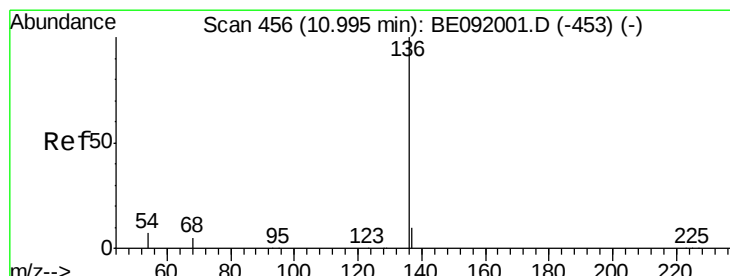
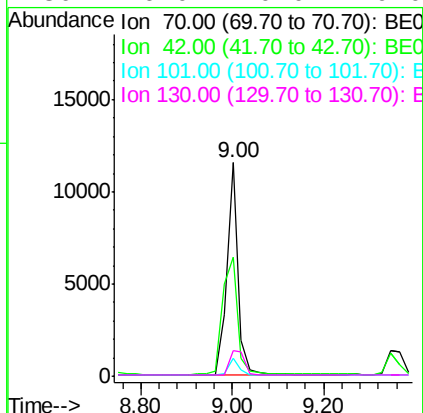
SSTDICC3.2

Tgt Ion:	70	Resp:	20284
Ion Ratio	Lower	Upper	
70	100		
42	73.6	58.4	87.6
101	8.2	6.4	9.6
130	16.0	0.0	0.0#

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#8

Naphthalene-d8

Concen: 5.00 ng

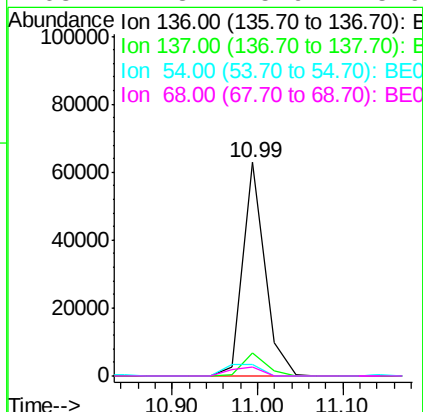
RT: 10.99 min Scan# 456

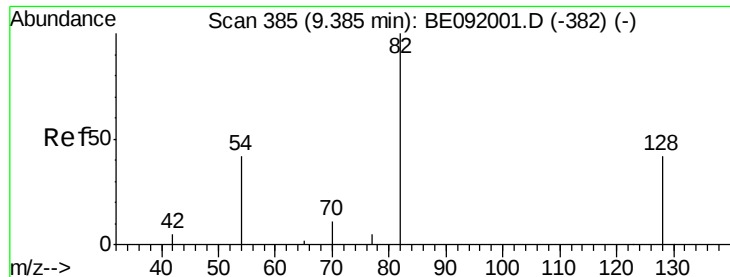
Delta R.T. -0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

Tgt Ion:	136	Resp:	113206
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.3	12.5
54	5.5	8.2	12.4#
68	4.3	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 3.94 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

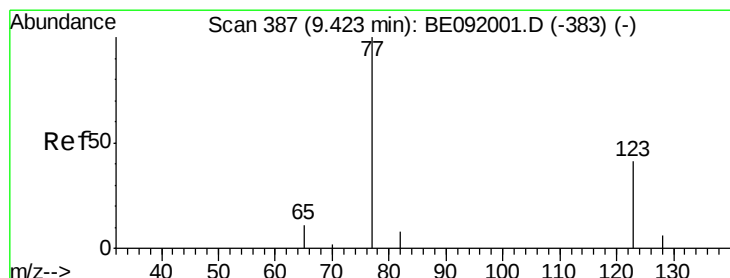
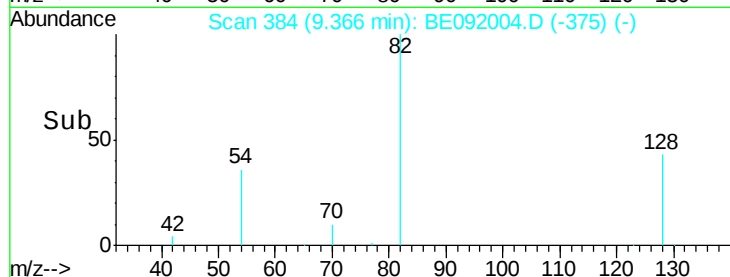
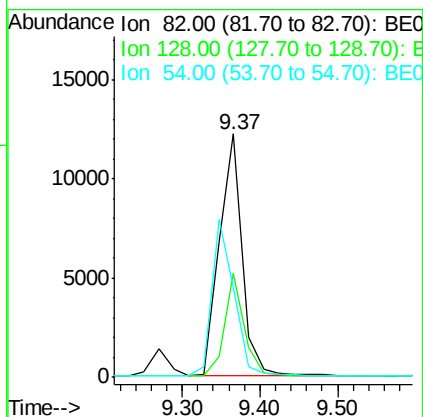
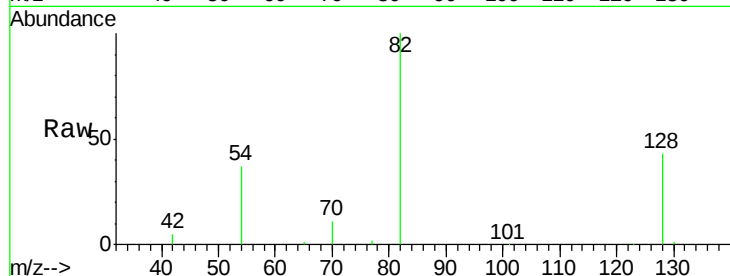
SSTDICC3.2

Tgt Ion:	82	Resp:	25106
Ion Ratio	Lower	Upper	
82	100		
128	42.9	39.5	59.3
54	36.8	30.3	45.5

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#10

Nitrobenzene

Concen: 4.18 ng

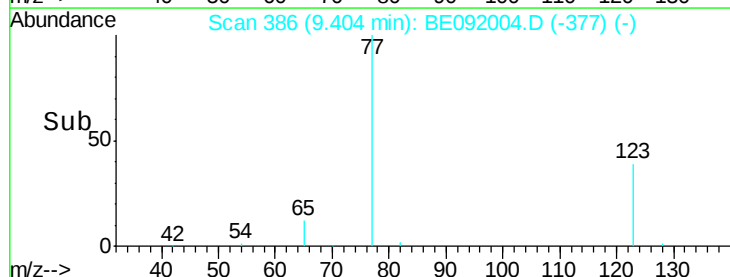
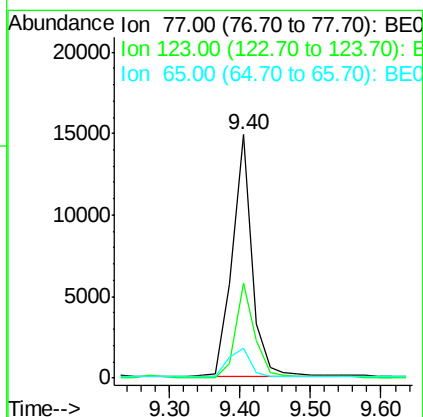
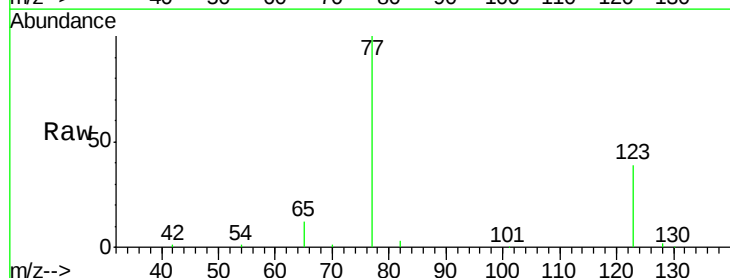
RT: 9.40 min Scan# 386

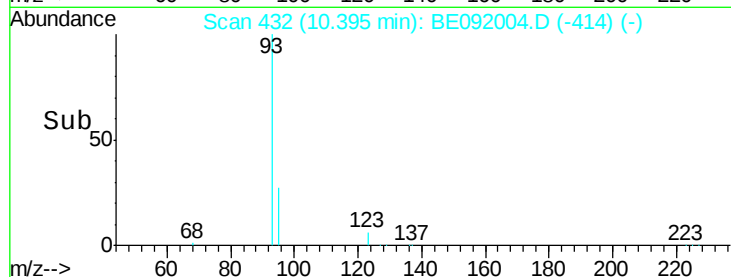
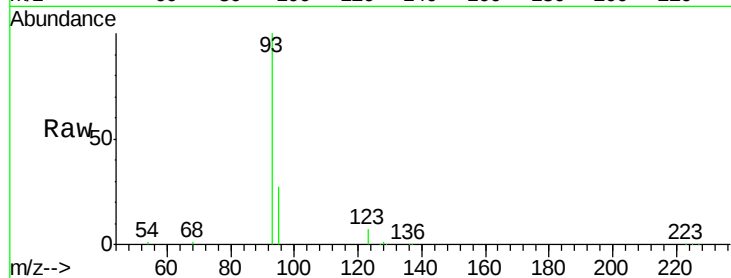
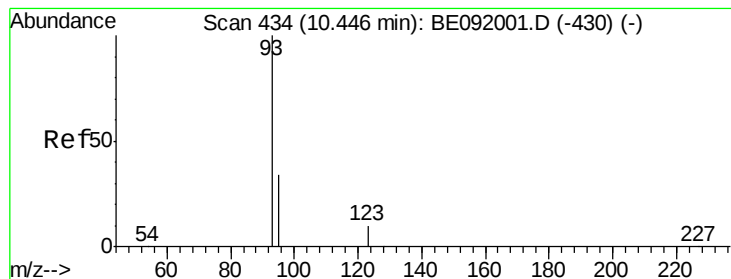
Delta R.T. -0.02 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

Tgt Ion:	77	Resp:	28686
Ion Ratio	Lower	Upper	
77	100		
123	38.0	0.0	0.0#
65	13.9	11.1	16.7





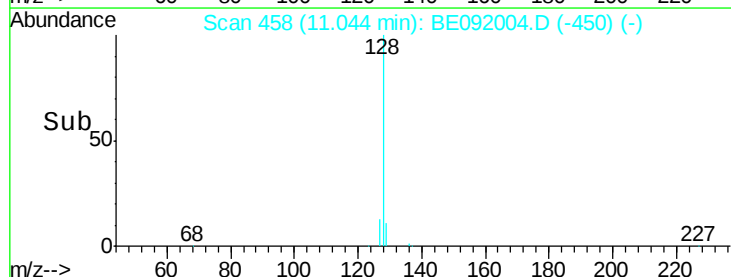
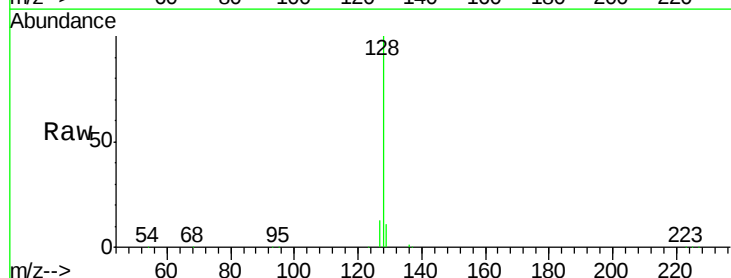
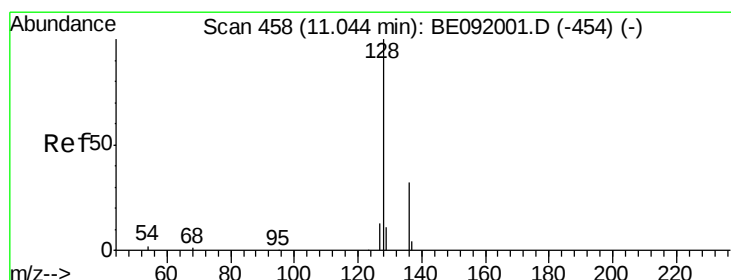
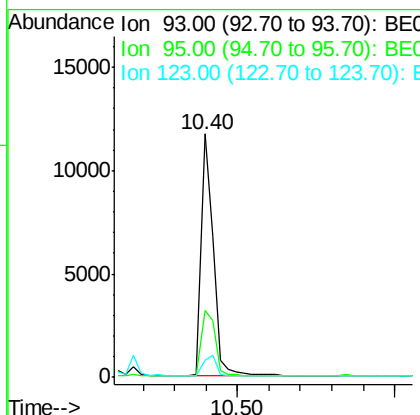
#11
bis(2-Chloroethoxy)methane
Concen: 3.91 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 93 Resp: 30495
Ion Ratio Lower Upper
93 100
95 31.9 57.6 86.4#
123 0.0 100.2 150.4#

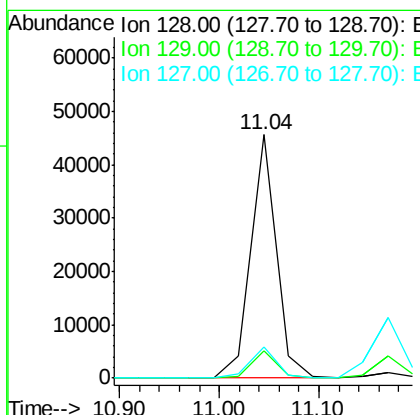
Manual Integrations

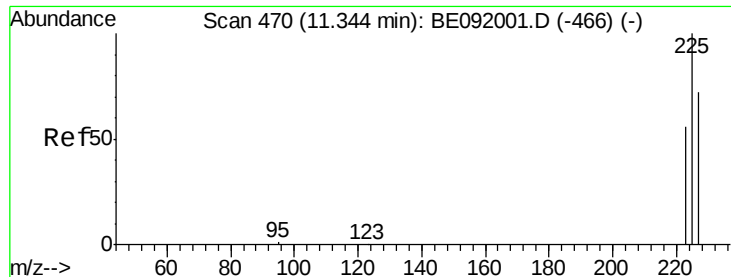
sohil
7/25/2016 6:45:59 PM



#12
Naphthalene
Concen: 3.09 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion: 128 Resp: 81223
Ion Ratio Lower Upper
128 100
129 11.2 10.4 15.6
127 12.9 10.2 15.2





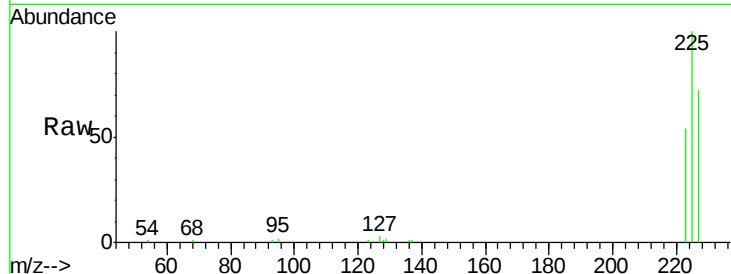
#13
Hexachlorobutadiene
Concen: 3.05 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.8
227	66.0	50.6	75.8

Manual Integrations

sohil
7/25/2016 6:45:59 PM

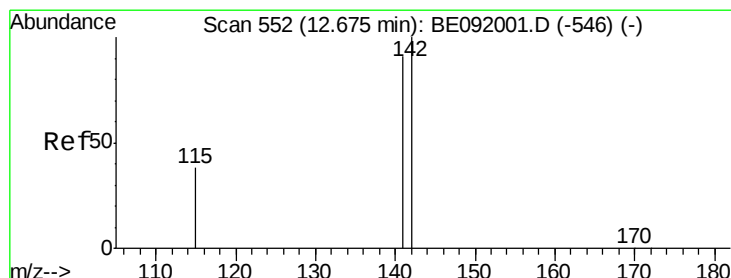
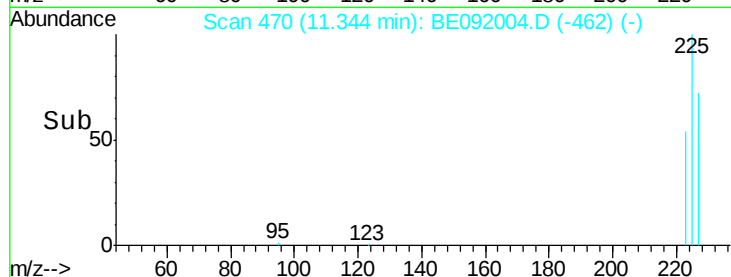
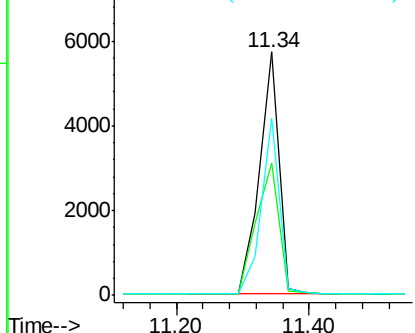


Abundance

Ion 225.00 (224.70 to 225.70): E

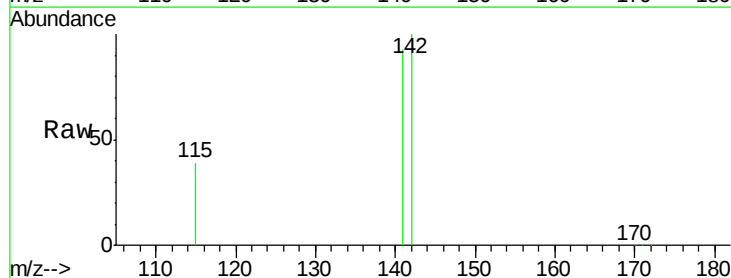
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#14
2-Methylnaphthalene
Concen: 3.34 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.9	107.9
115	38.6	29.9	44.9

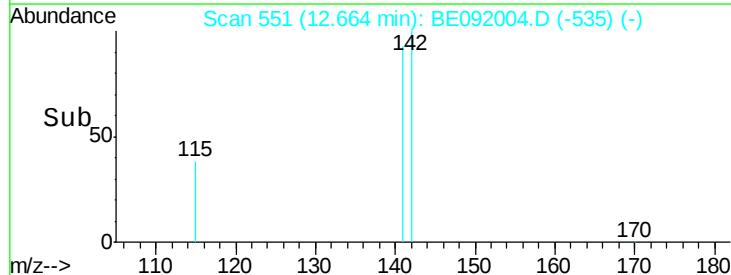
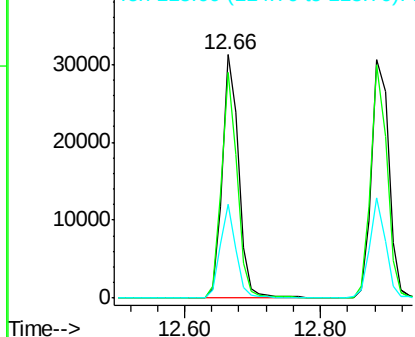


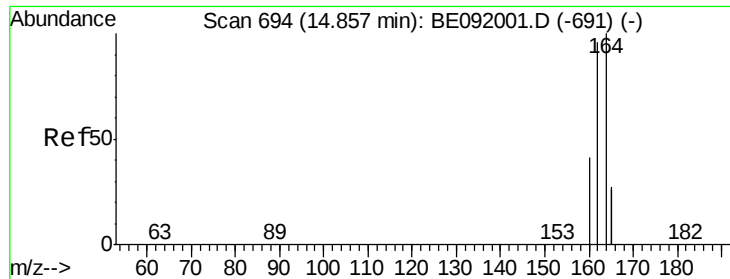
Abundance

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





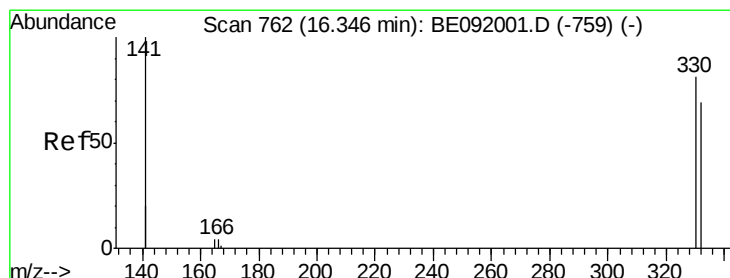
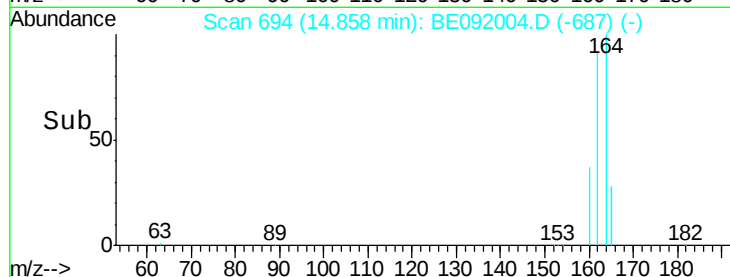
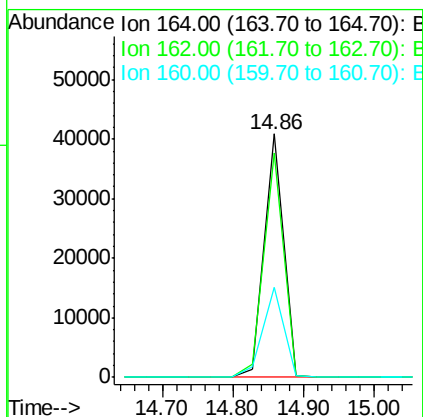
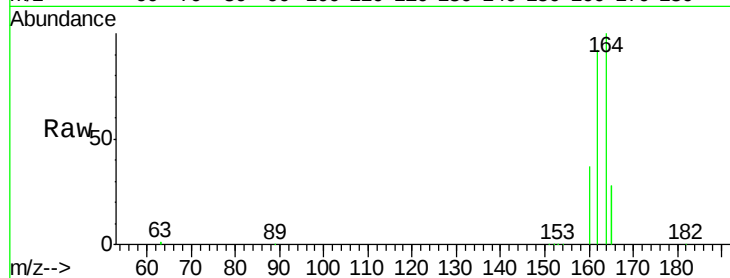
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 76664
Ion Ratio Lower Upper
164 100
162 92.2 71.8 107.8
160 36.7 28.0 42.0

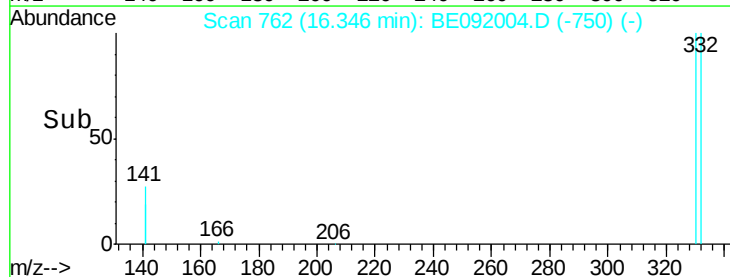
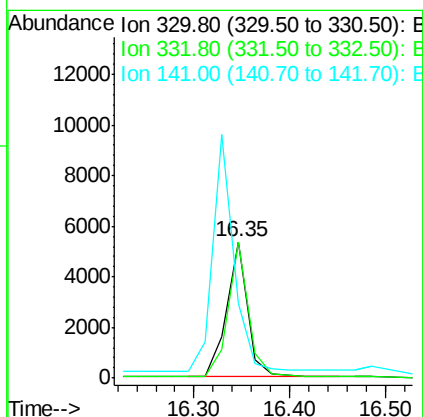
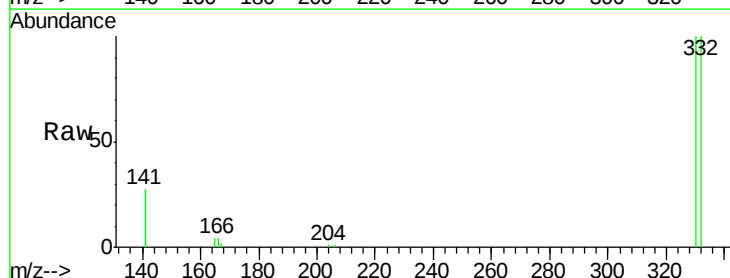
Manual Integrations

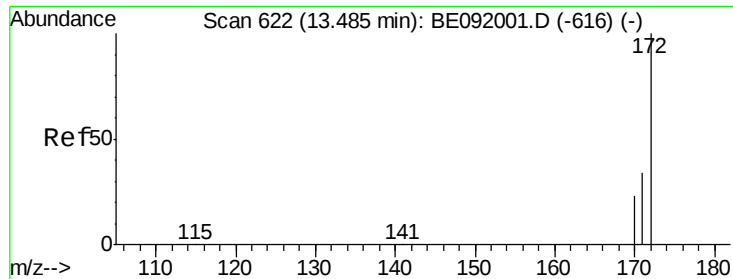
sohil
7/25/2016 6:45:59 PM



#16
2,4,6-Tribromophenol
Concen: 5.24 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion:330 Resp: 8211
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 175.0 138.4 207.6





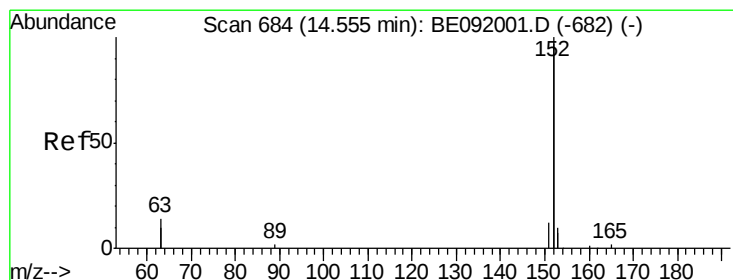
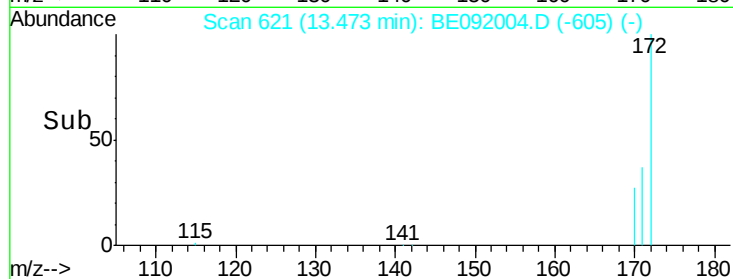
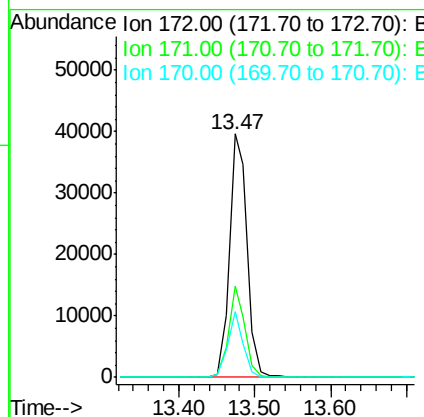
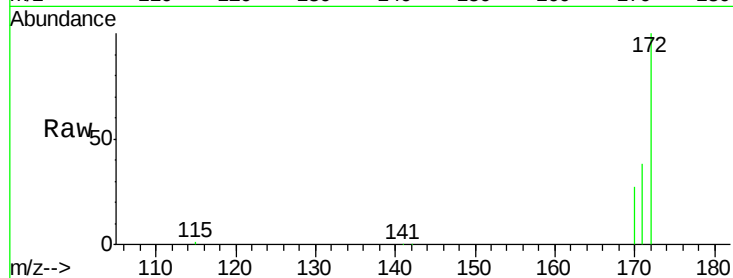
#17
2-Fluorobiphenyl
Concen: 3.22 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 65002
Ion Ratio Lower Upper
172 100
171 37.7 24.3 36.5#
170 26.9 14.9 22.3#

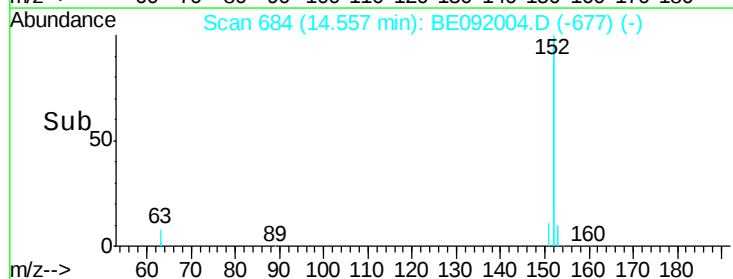
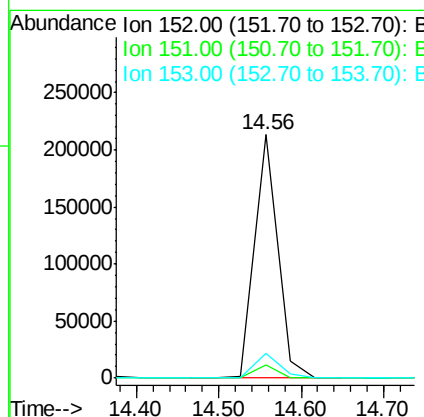
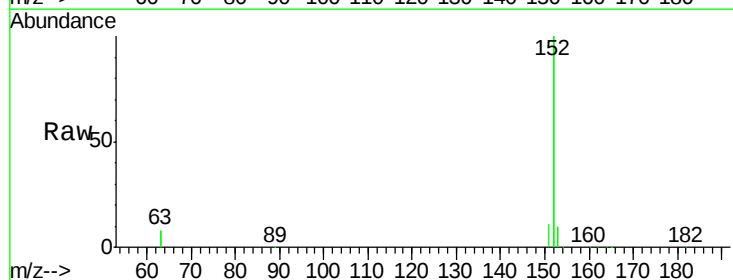
Manual Integrations

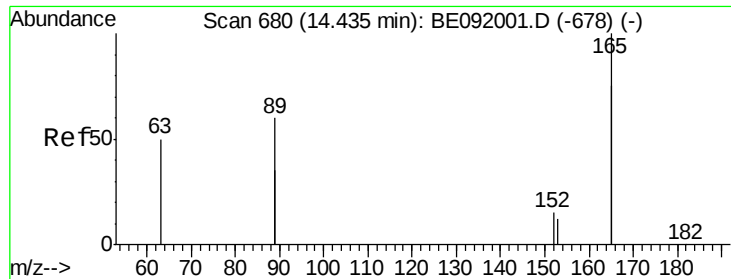
sohil
7/25/2016 6:45:59 PM



#18
Acenaphthylene
Concen: 3.83 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion:152 Resp: 416273
Ion Ratio Lower Upper
152 100
151 5.4 19.4 29.2#
153 11.1 14.4 21.6#





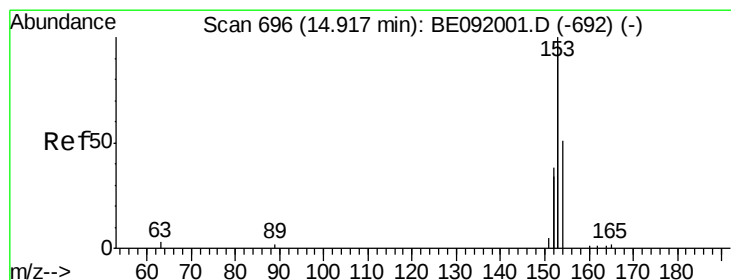
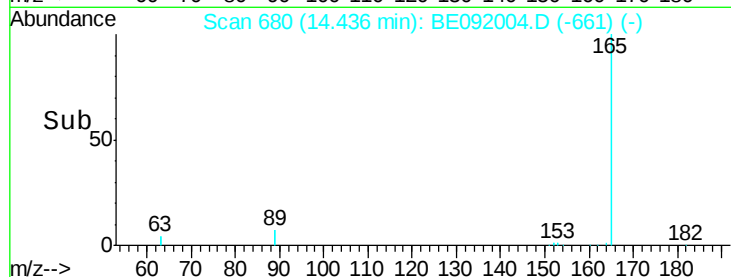
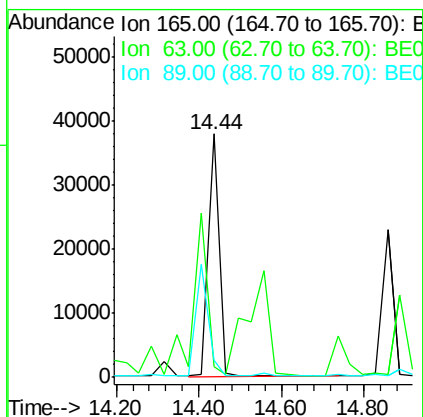
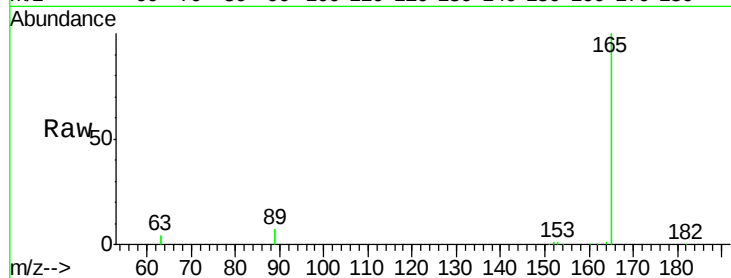
#19
2,6-Dinitrotoluene
Concen: 5.68 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

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

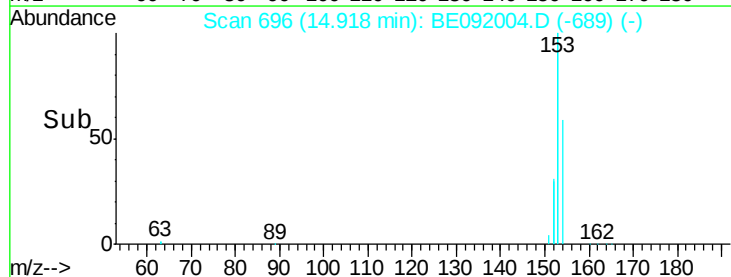
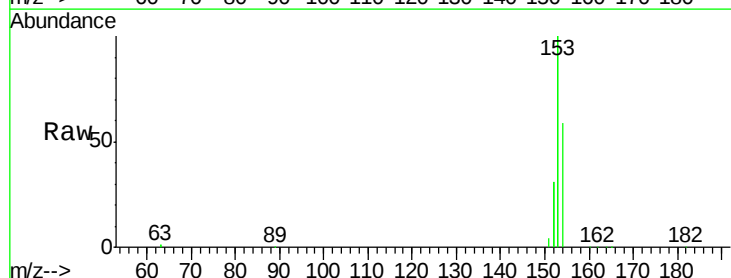
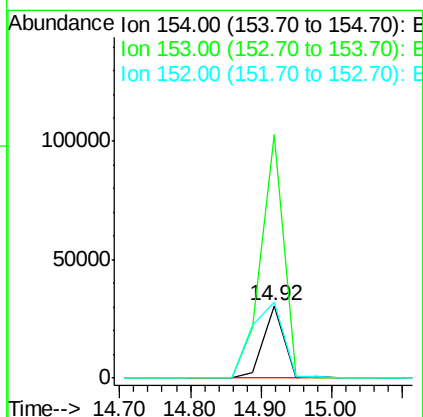
Manual Integrations

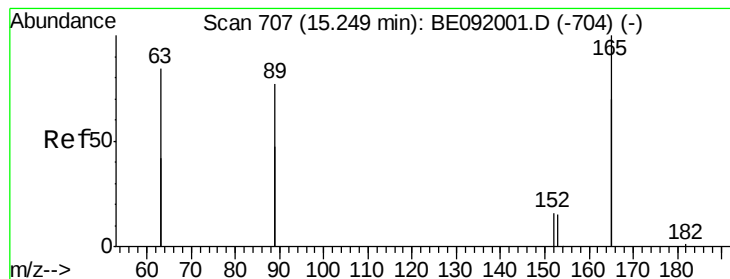
sohil
7/25/2016 6:45:59 PM



#20
Acenaphthene
Concen: 3.01 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	365.2	88.1	132.1#
152	158.1	44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 6.84 ng

RT: 15.22 min Scan# 706

Delta R.T. -0.03 min

Lab File: BE092004.D

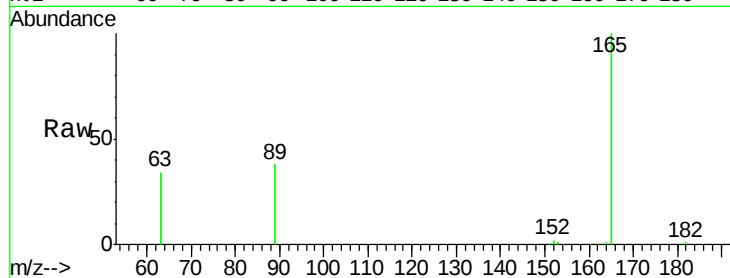
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion:165 Resp: 80356

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

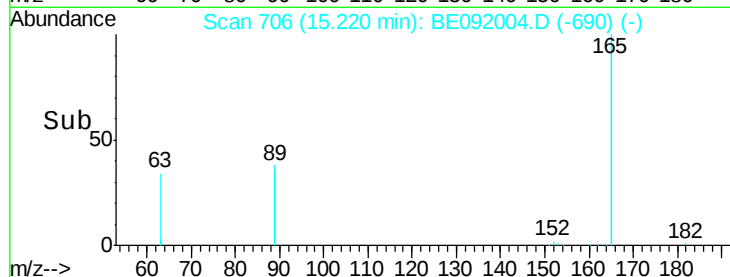
89 72.1 99.8 149.8#

182 0.4 0.0 0.0#

Manual Integrations

sohil

7/25/2016 6:45:59 PM

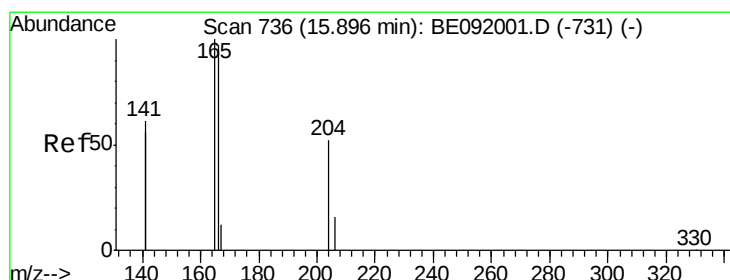
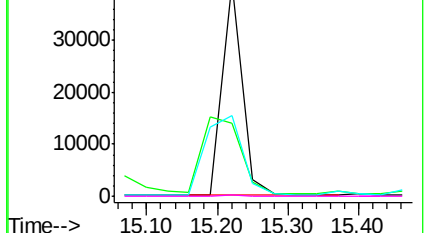


Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.34 ng

RT: 15.90 min Scan# 736

Delta R.T. 0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

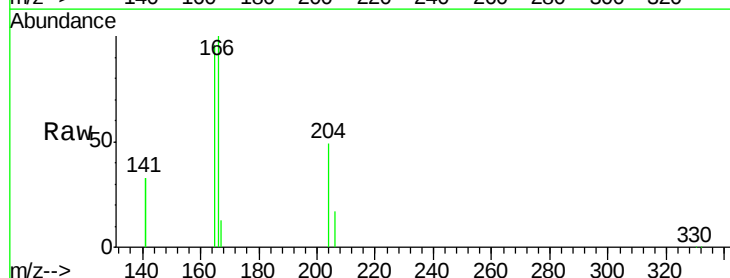
Tgt Ion:166 Resp: 78854

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

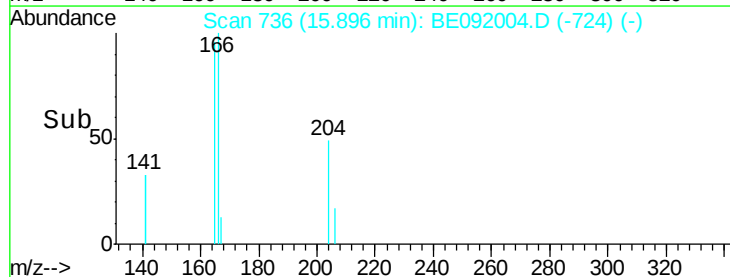
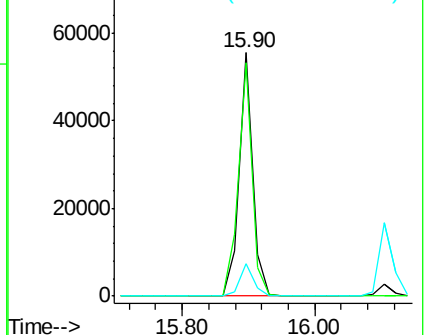
167 13.4 10.8 16.2

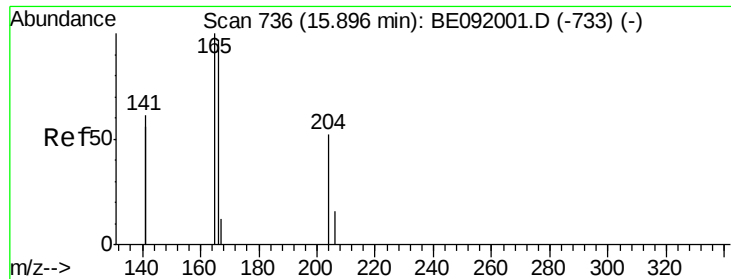


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

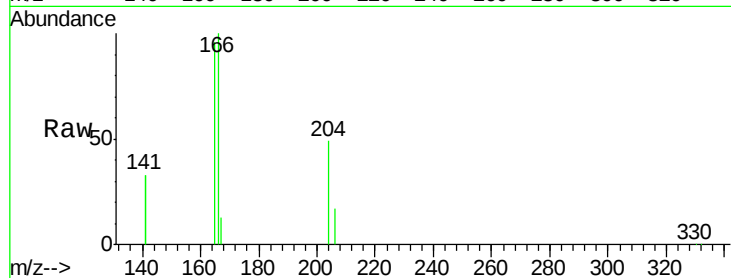
Ion 167.00 (166.70 to 167.70): E





#23
 4-Chlorophenyl-phenylether
 Concen: 3.14 ng
 RT: 15.90 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BE092004.D
 Acq: 22 Jul 2016 12:51

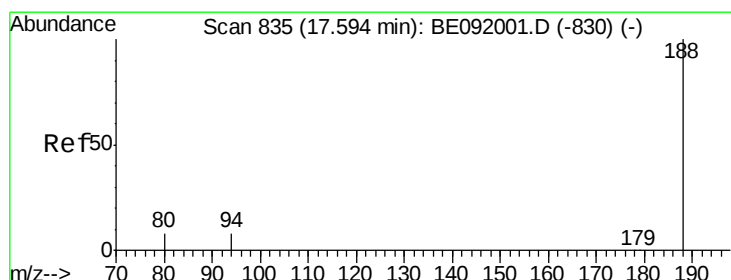
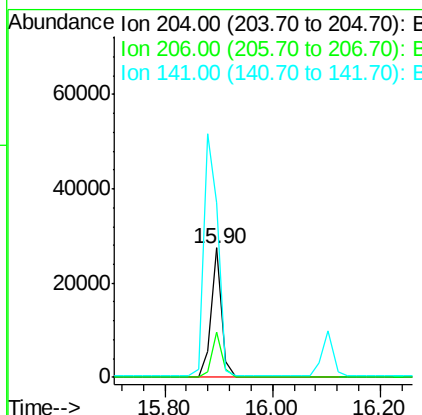
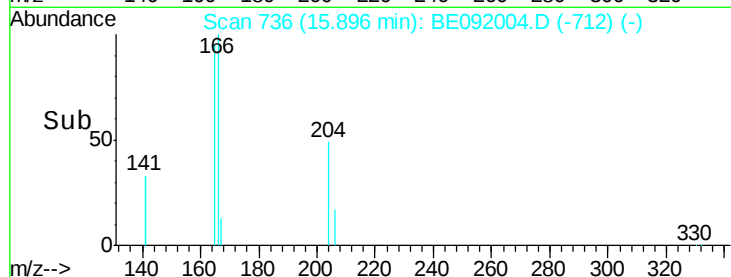
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2



Tgt Ion: 204 Resp: 37767
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.8 41.6
 141 251.7 197.6 296.4

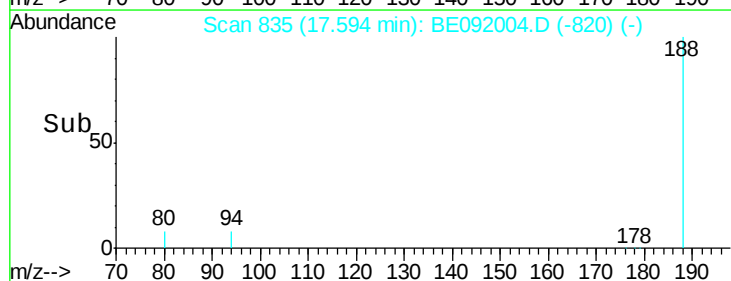
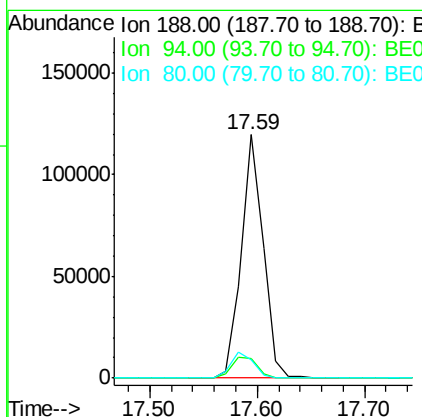
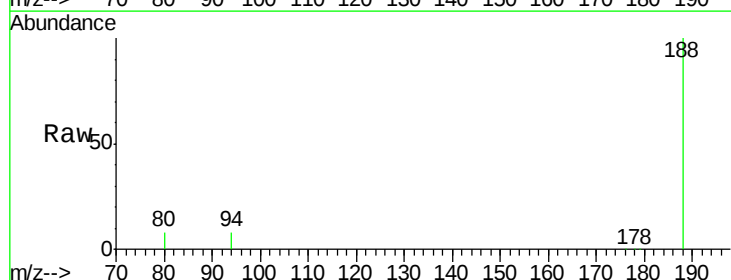
Manual Integrations

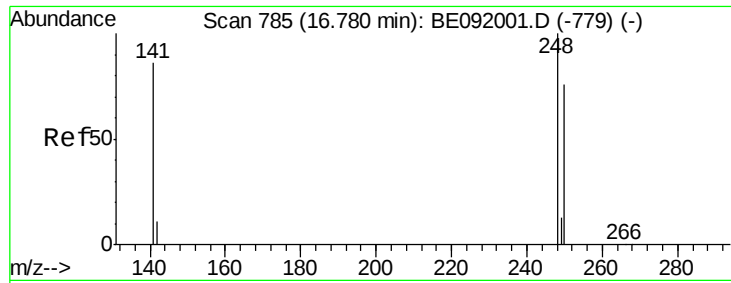
sohil
 7/25/2016 6:45:59 PM



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE092004.D
 Acq: 22 Jul 2016 12:51

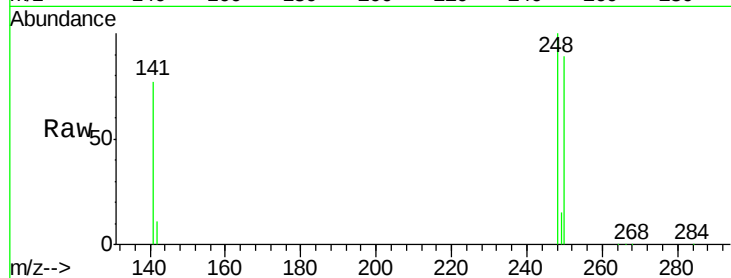
Tgt Ion: 188 Resp: 168394
 Ion Ratio Lower Upper
 188 100
 94 8.2 4.1 6.1#
 80 7.5 3.4 5.2#





#25
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

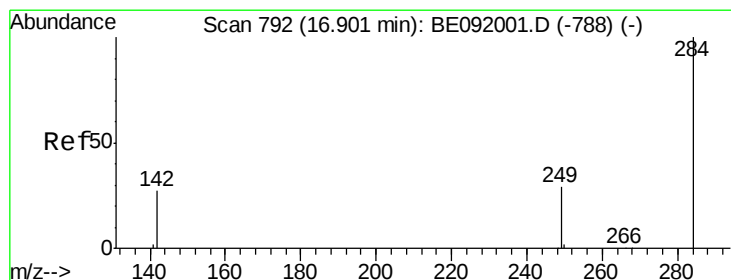
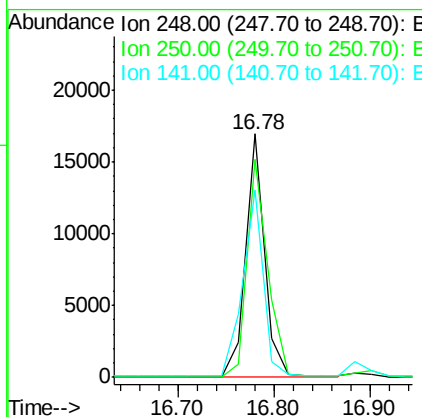
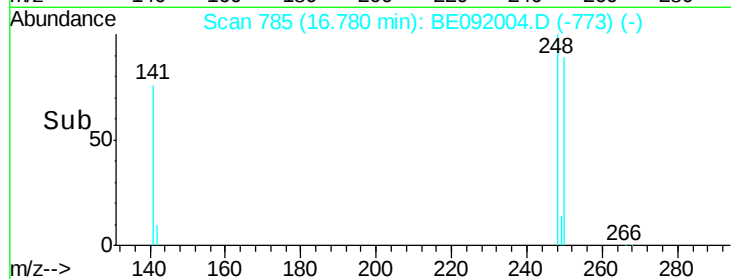
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2



Tgt Ion:248 Resp: 23123
Ion Ratio Lower Upper
248 100
250 97.0 75.7 113.5
141 82.9 64.6 97.0

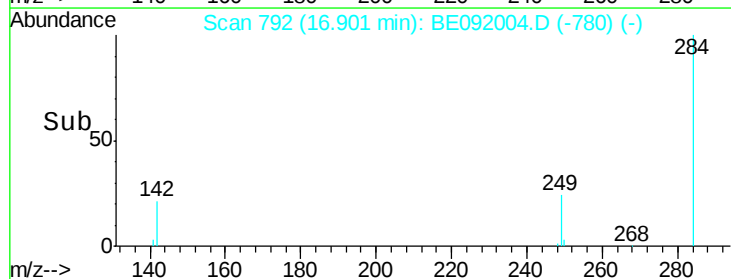
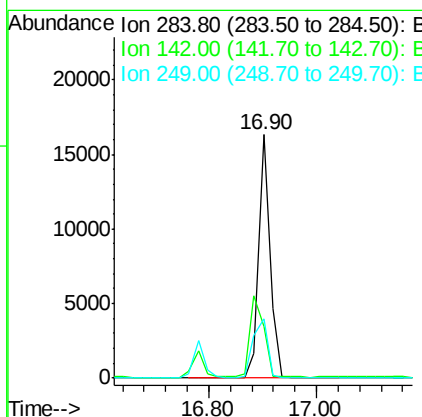
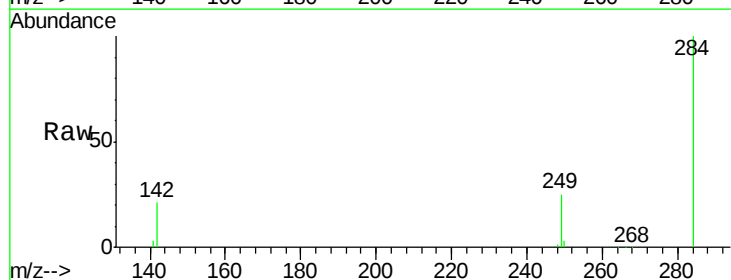
Manual Integrations

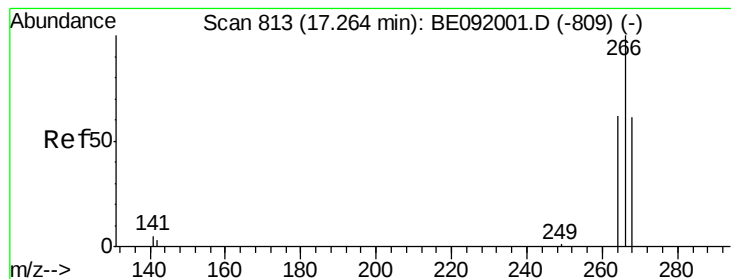
sohil
7/25/2016 6:45:59 PM



#26
Hexachlorobenzene
Concen: 3.21 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion:284 Resp: 23479
Ion Ratio Lower Upper
284 100
142 40.5 31.4 47.2
249 31.1 25.3 37.9





#27

Pentachlorophenol

Concen: 7.50 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092004.D

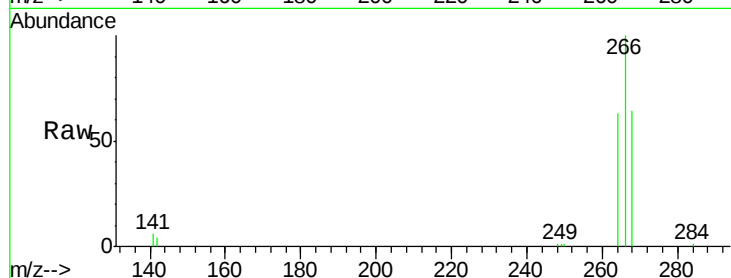
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 266 Resp: 8512

Ion Ratio Lower Upper

266 100

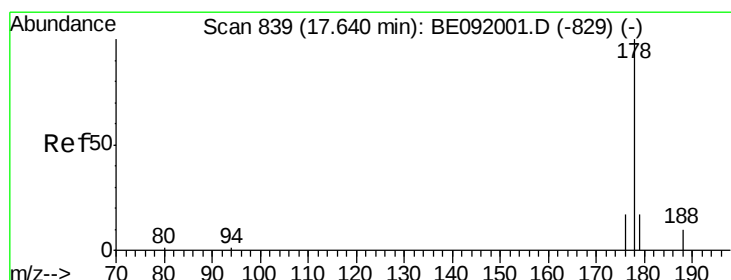
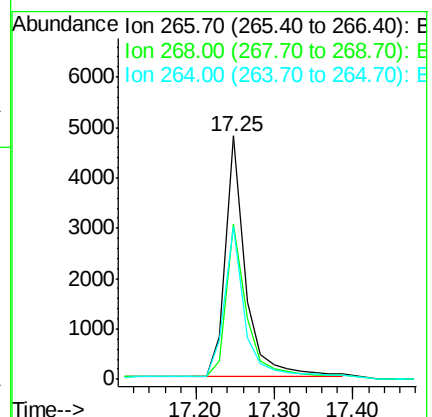
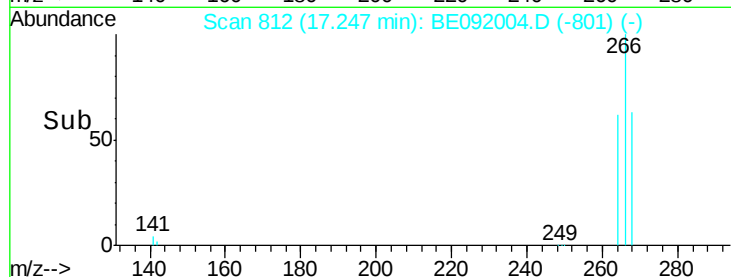
268 63.6 60.5 90.7

264 62.7 51.0 76.4

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#28

Phenanthrene

Concen: 3.13 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

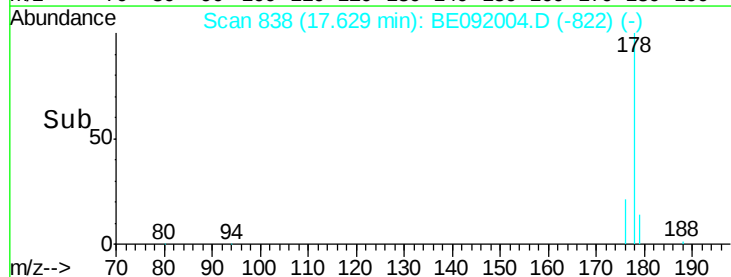
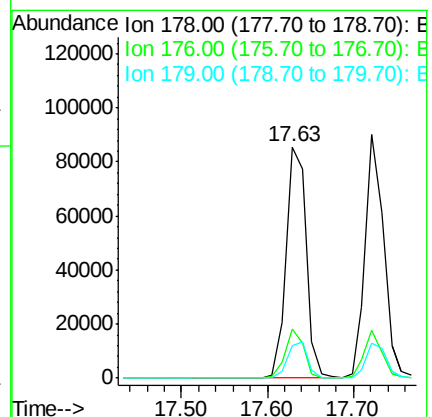
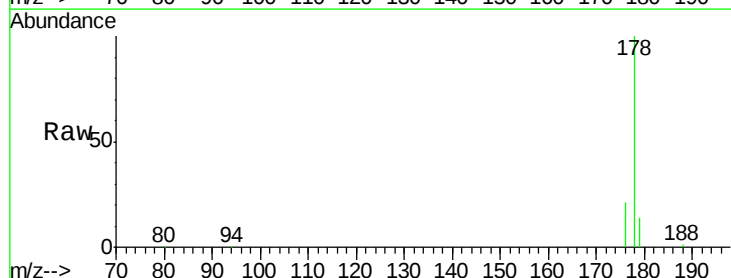
Tgt Ion: 178 Resp: 138694

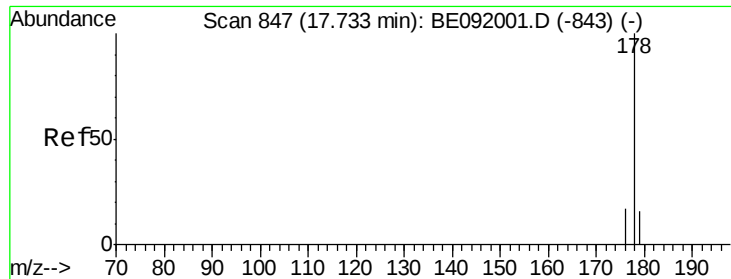
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.5 12.9 19.3





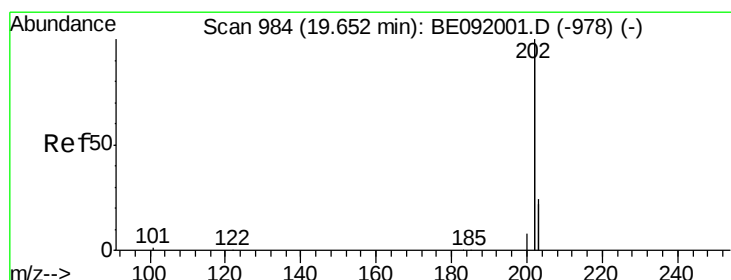
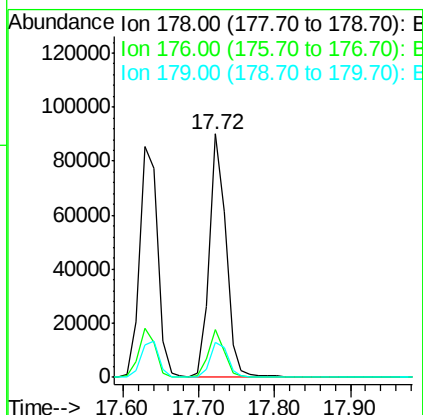
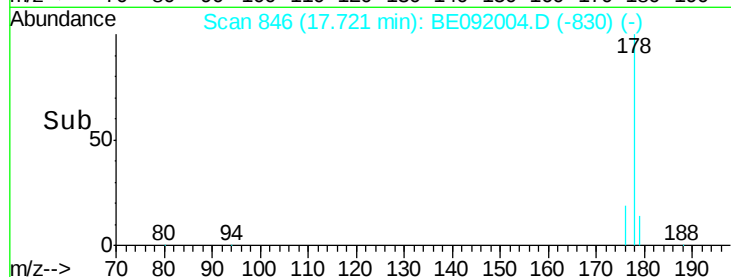
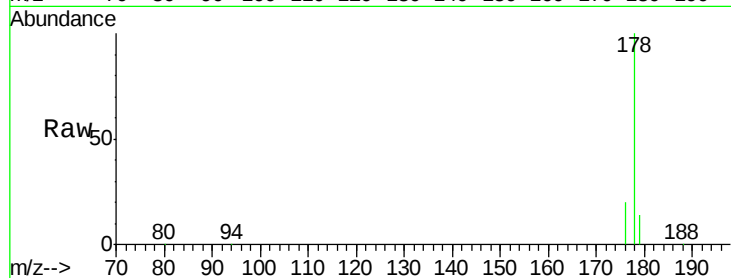
#29
 Anthracene
 Concen: 3.57 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE092004.D
 Acq: 22 Jul 2016 12:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:178 Resp: 135689
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.3 12.1 18.1

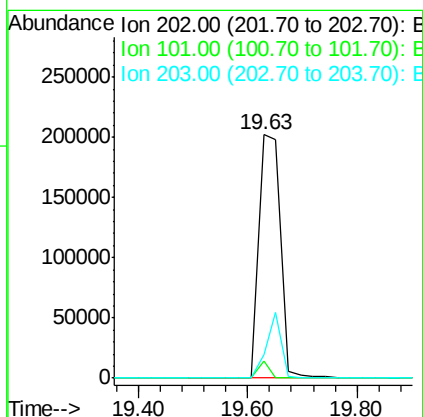
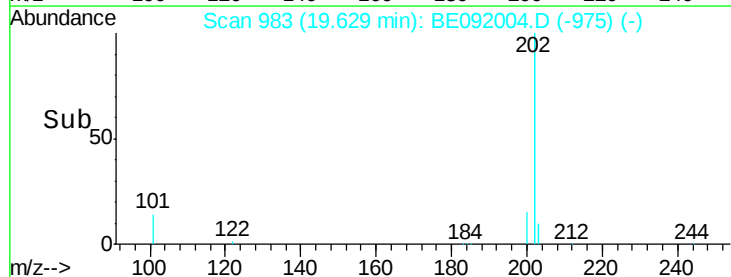
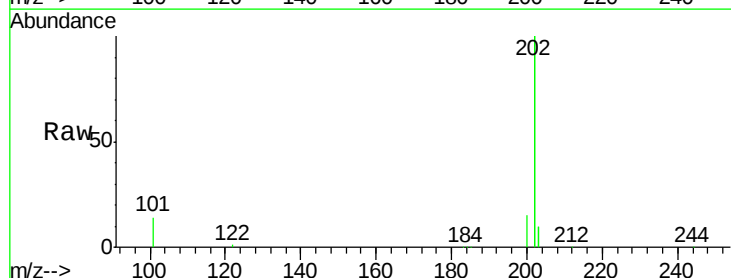
Manual Integrations

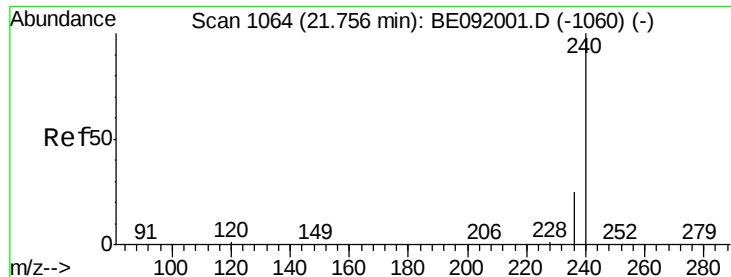
sohil
 7/25/2016 6:45:59 PM



#30
 Fluoranthene
 Concen: 3.24 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092004.D
 Acq: 22 Jul 2016 12:51

Tgt Ion:202 Resp: 560642
 Ion Ratio Lower Upper
 202 100
 101 3.8 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: BE092004.D

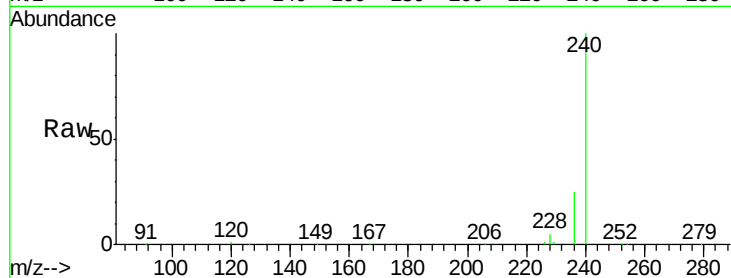
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion:240 Resp: 278052

Ion Ratio Lower Upper

240 100

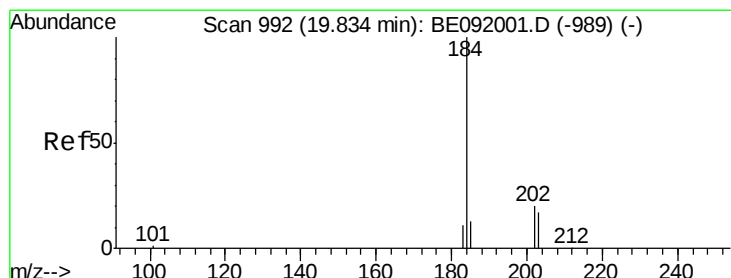
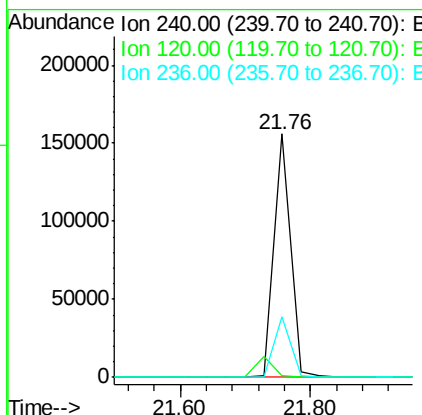
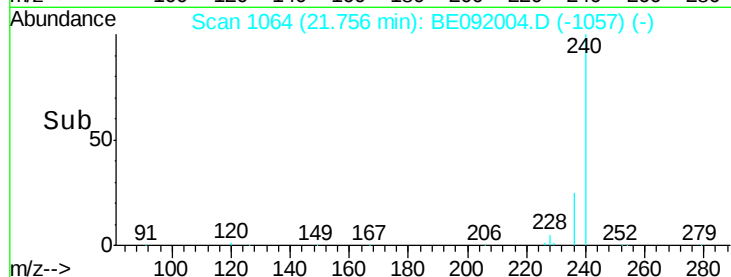
120 0.9 1.2 1.8#

236 24.9 19.8 29.8

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#32

Benzidine

Concen: 5.68 ng

RT: 19.83 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

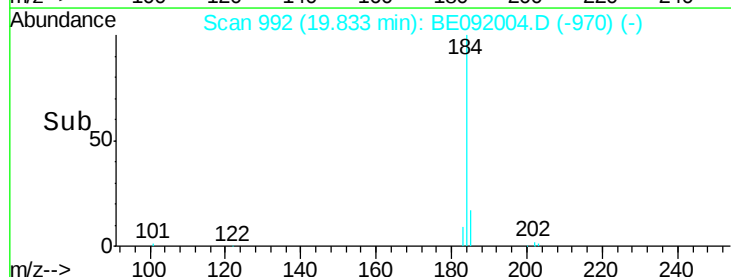
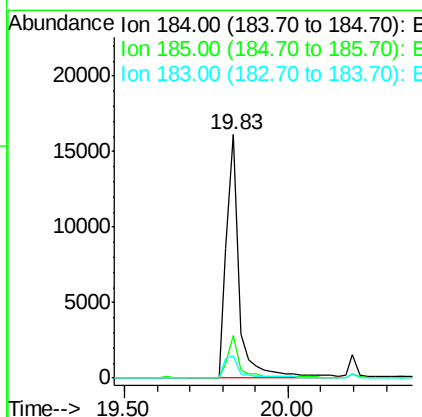
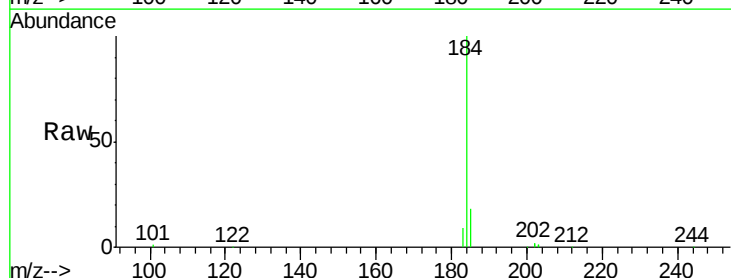
Tgt Ion:184 Resp: 43528

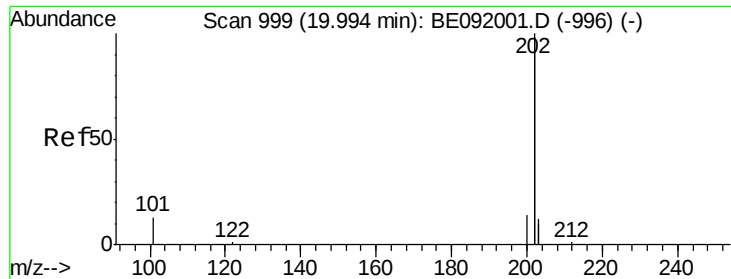
Ion Ratio Lower Upper

184 100

185 17.5 11.4 17.2#

183 9.0 11.8 17.6#





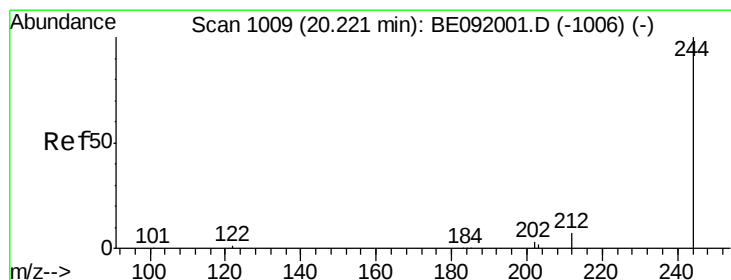
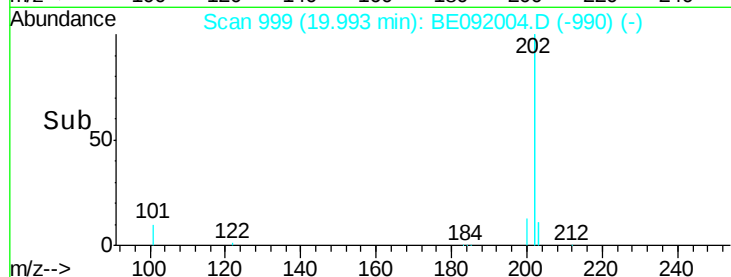
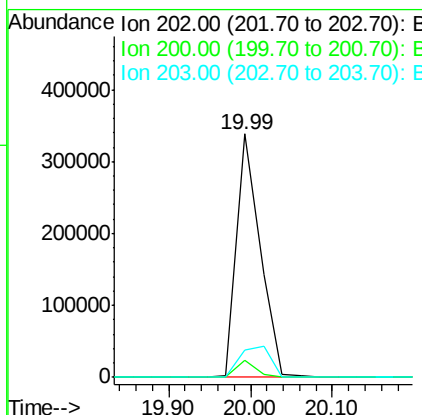
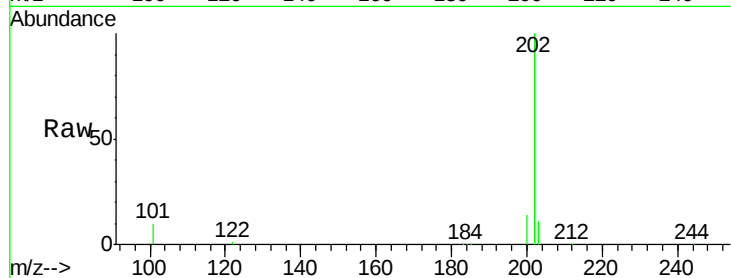
#33
 Pyrene
 Concen: 3.47 ng
 RT: 19.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BE092004.D
 Acq: 22 Jul 2016 12:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.7	16.9	25.3#
203	0.0	14.1	21.1#

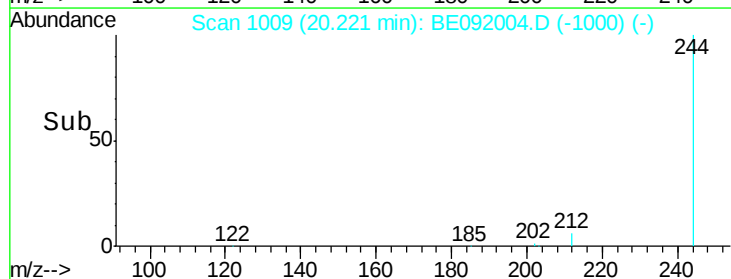
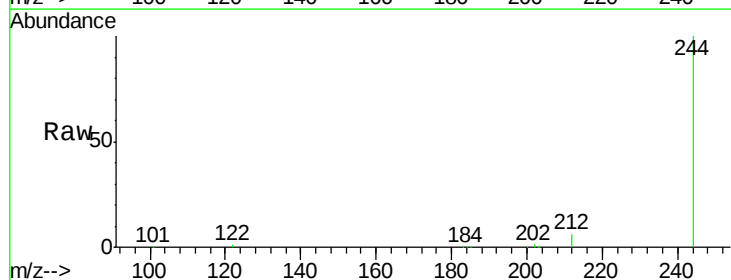
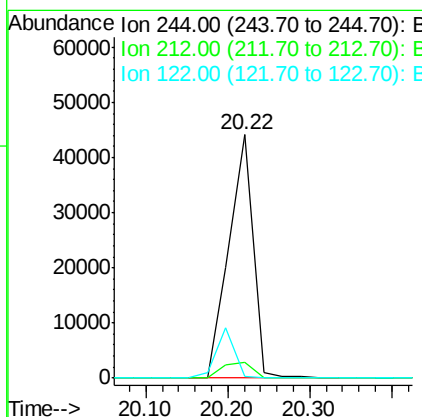
Manual Integrations

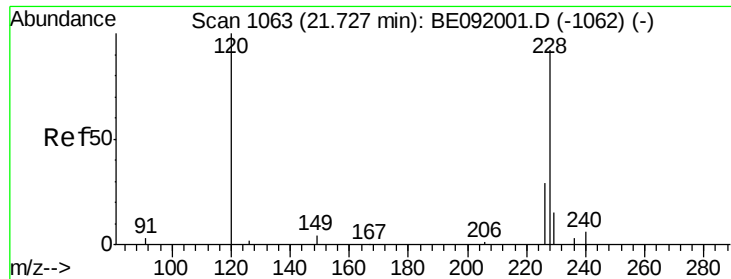
sohil
 7/25/2016 6:45:59 PM



#34
 Terphenyl-d14
 Concen: 3.19 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE092004.D
 Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.5	9.7
122	0.5	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 3.60 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092004.D

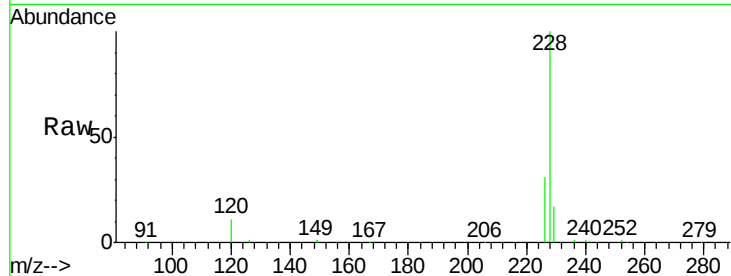
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

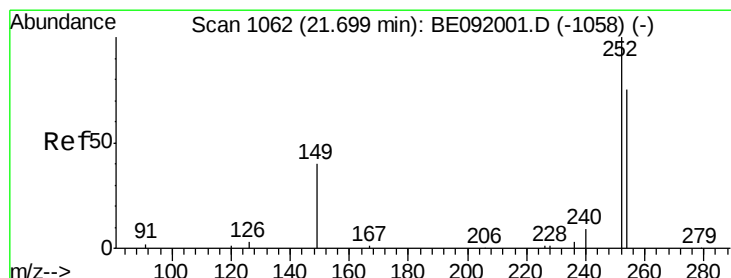
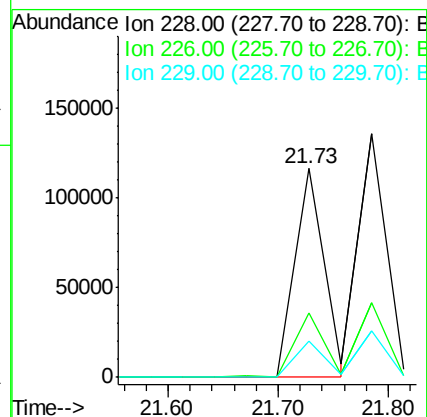


Tgt Ion:	228	Resp:	213716
Ion Ratio	Lower	Upper	
228	100		
226	30.7	21.0	31.4
229	17.2	15.8	23.8

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#36

3,3'-Dichlorobenzidine

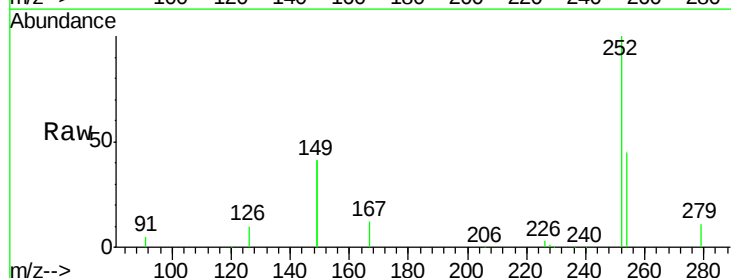
Concen: 5.45 ng

RT: 21.67 min Scan# 1061

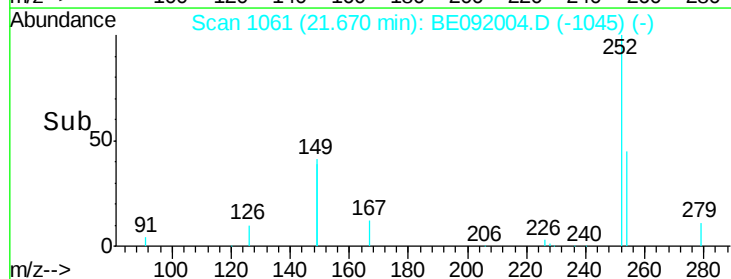
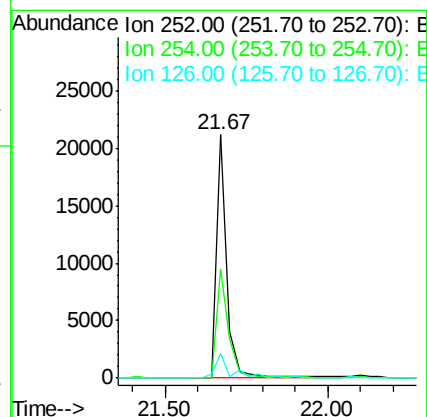
Delta R.T. -0.03 min

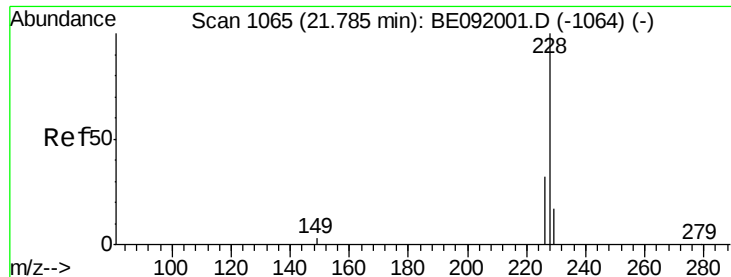
Lab File: BE092004.D

Acq: 22 Jul 2016 12:51



Tgt Ion:	252	Resp:	45967
Ion Ratio	Lower	Upper	
252	100		
254	44.8	61.5	92.3#
126	9.9	2.5	3.7#





#37

Chrysene

Concen: 3.16 ng m

RT: 21.78 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 228 Resp: 243685

Ion Ratio Lower Upper

228 100

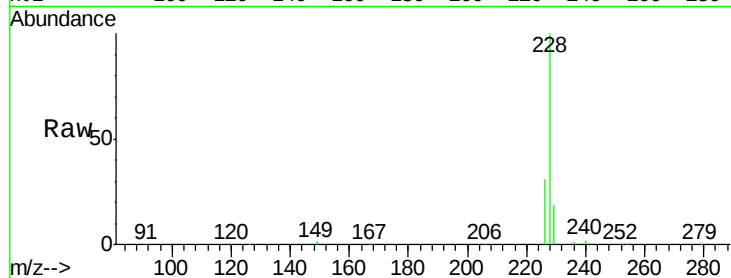
226 30.8 27.0 40.6

229 19.0 13.8 20.8

Manual Integrations

sohil

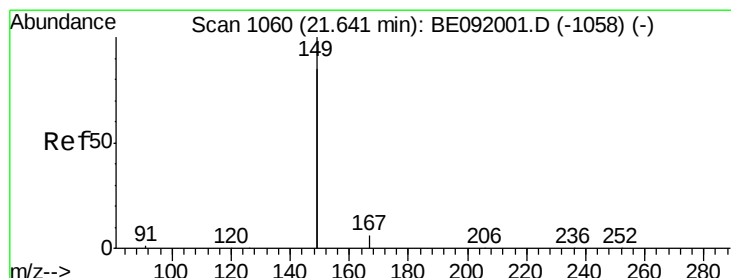
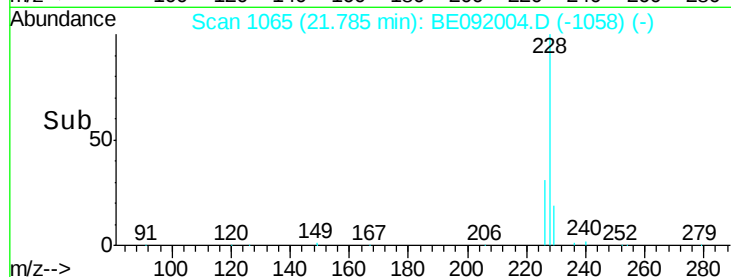
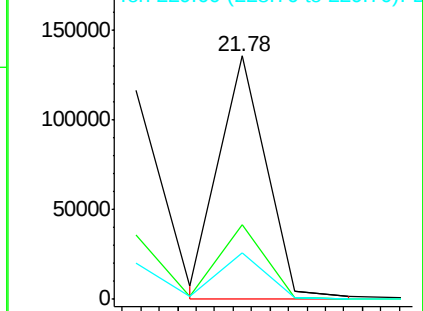
7/25/2016 6:45:59 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#38

Bis(2-ethylhexyl)phthalate

Concen: 3.97 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

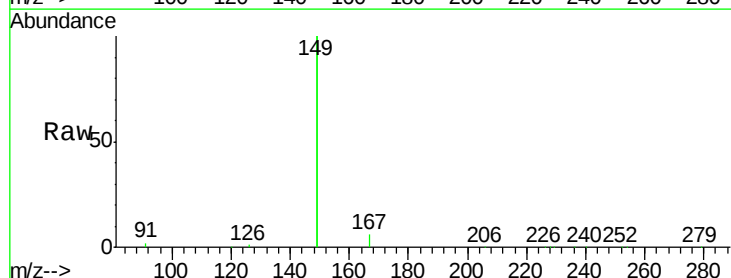
Tgt Ion: 149 Resp: 172290

Ion Ratio Lower Upper

149 100

167 5.1 0.0 0.0#

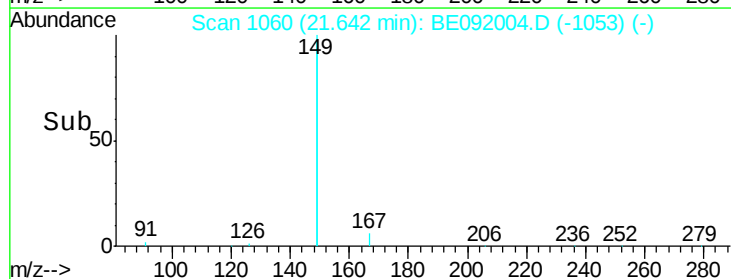
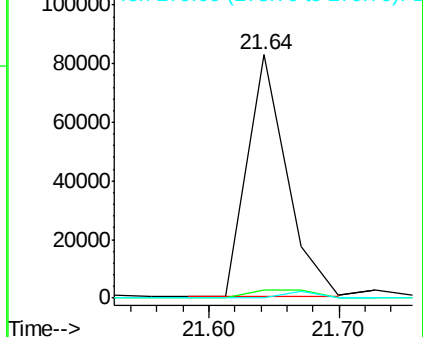
279 0.0 0.0 0.0

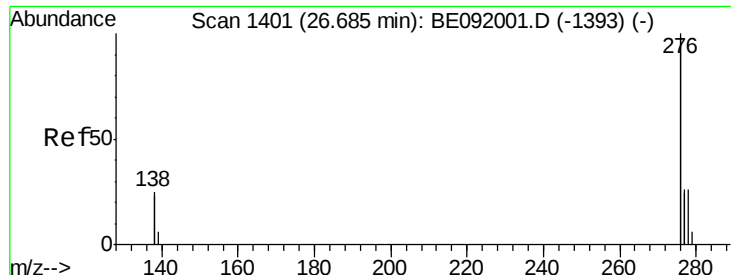


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.38 ng

RT: 26.69 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BE092004.D

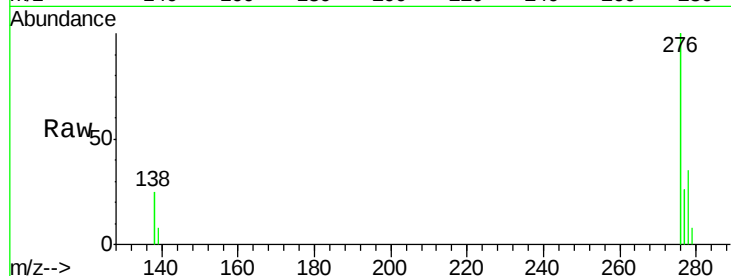
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 696174

Ion Ratio Lower Upper

276 100

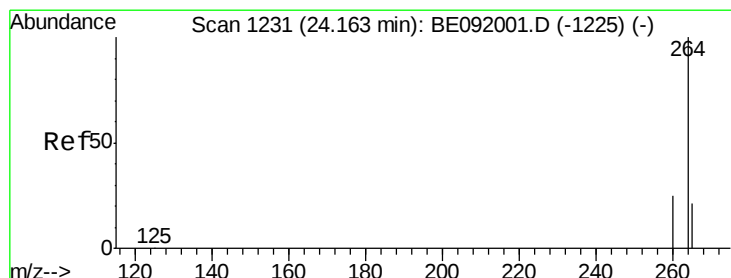
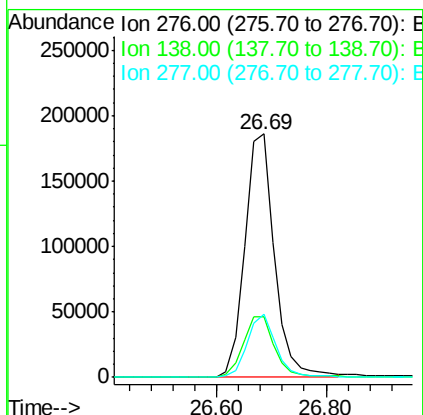
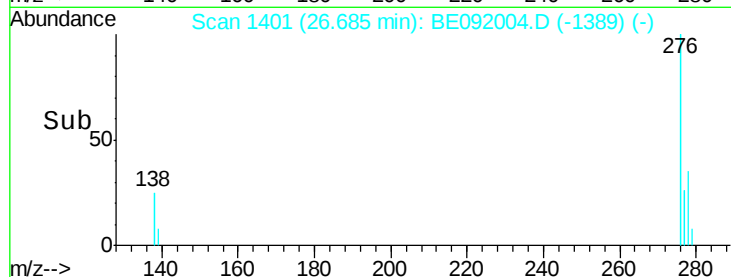
138 26.4 19.7 29.5

277 24.8 20.1 30.1

Manual Integrations

sohil

7/25/2016 6:45:59 PM



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE092004.D

Acq: 22 Jul 2016 12:51

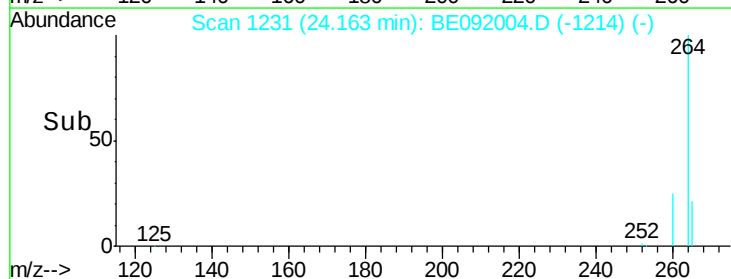
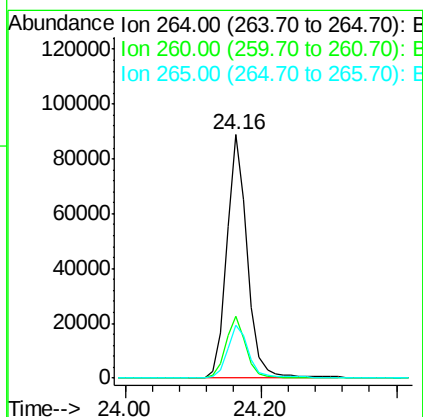
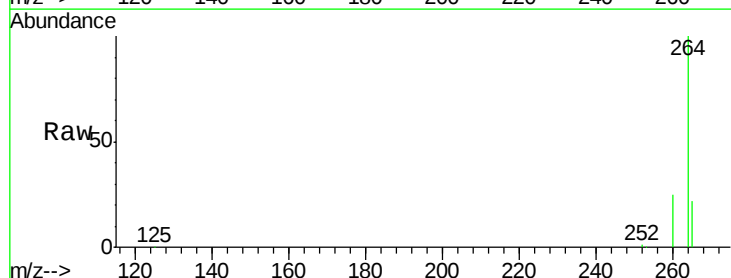
Tgt Ion: 264 Resp: 188121

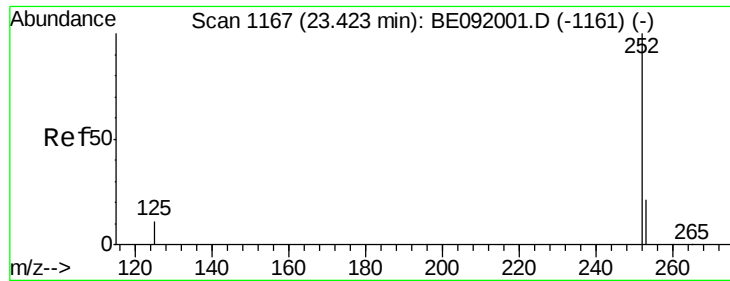
Ion Ratio Lower Upper

264 100

260 25.2 20.3 30.5

265 21.5 17.6 26.4





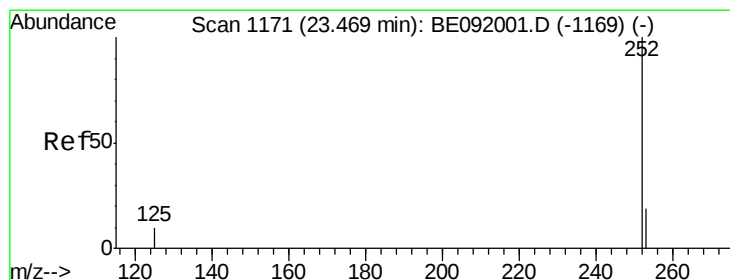
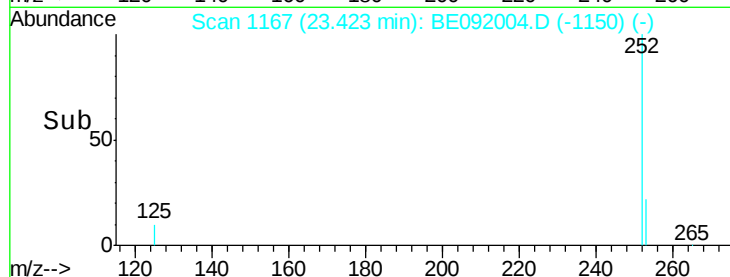
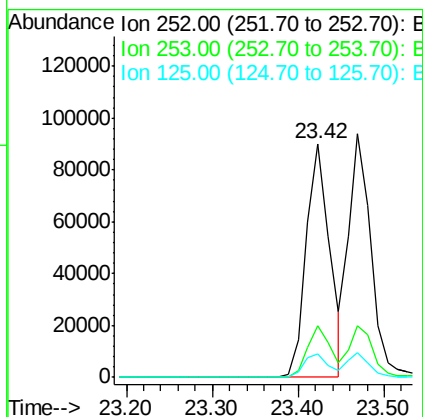
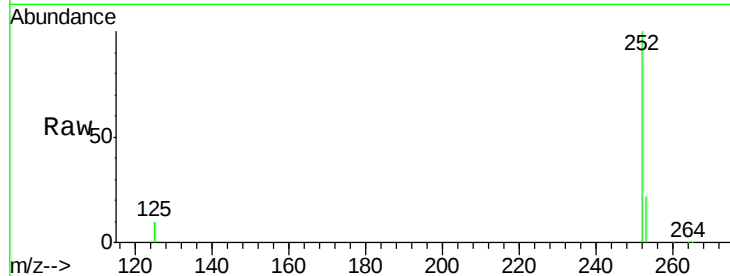
#41
Benzo(b)fluoranthene
Concen: 3.55 ng
RT: 23.42 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.2	9.4	14.2

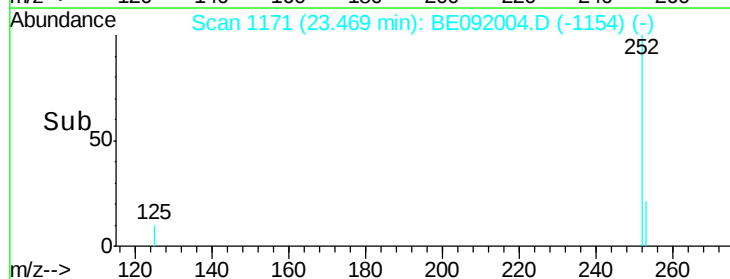
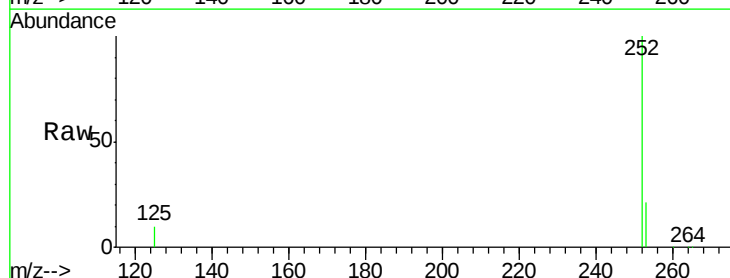
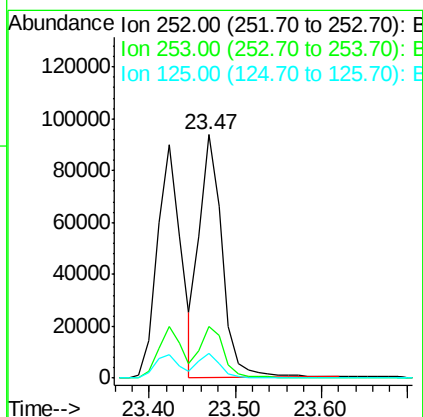
Manual Integrations

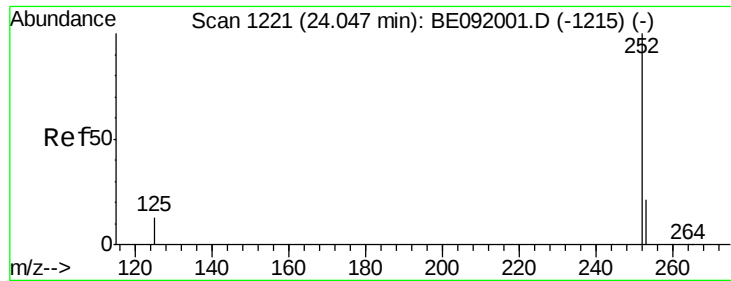
sohil
7/25/2016 6:45:59 PM



#42
Benzo(k)fluoranthene
Concen: 3.45 ng
RT: 23.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	19.4	29.2
125	10.3	8.3	12.5





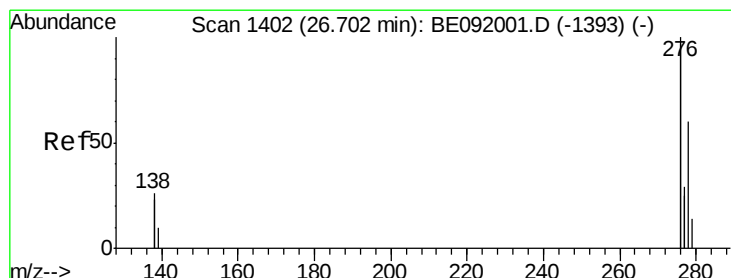
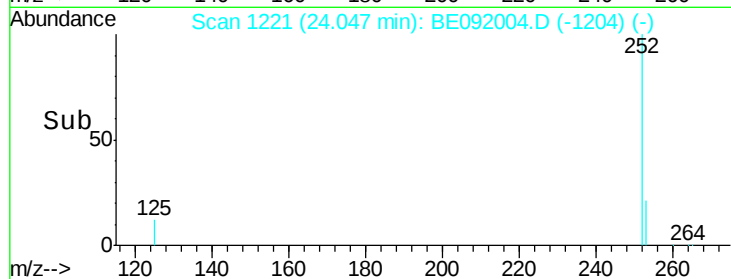
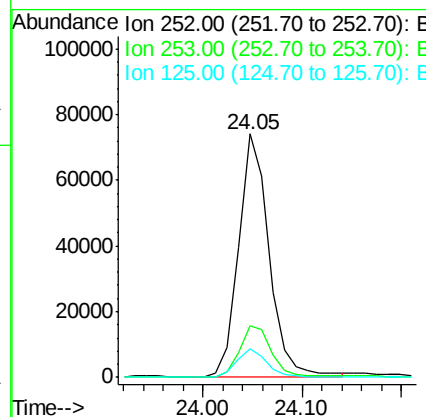
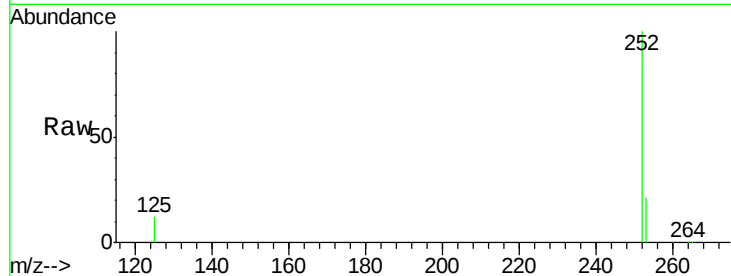
#43
Benzo(a)pyrene
Concen: 3.55 ng
RT: 24.05 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.9	28.3
125	11.6	10.5	15.7

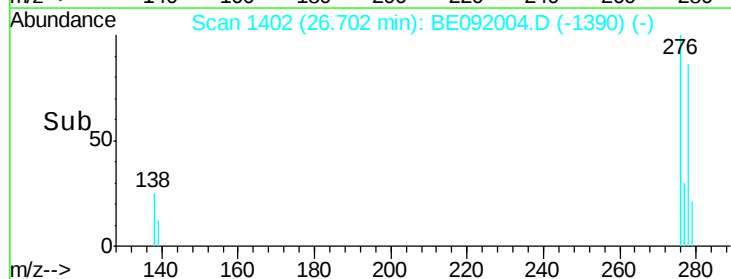
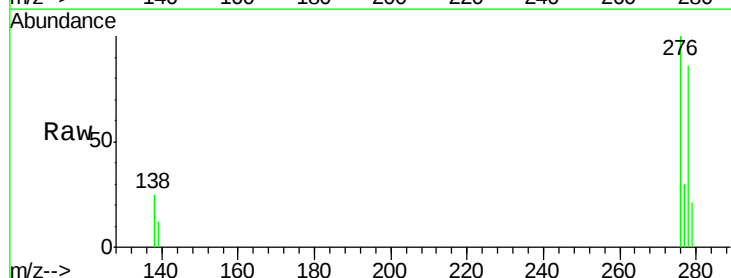
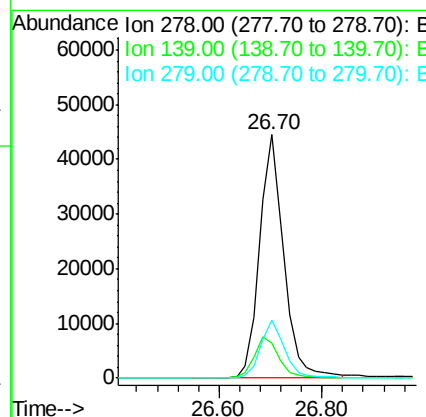
Manual Integrations

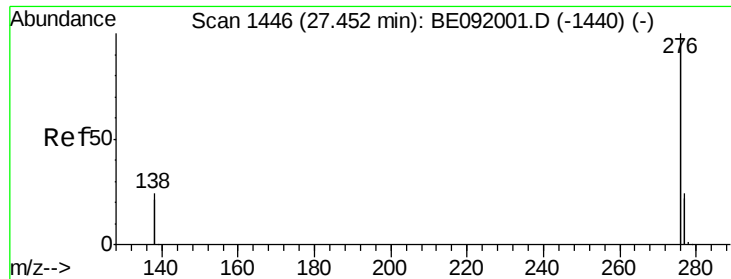
sohil
7/25/2016 6:45:59 PM



#44
Dibenzo(a,h)anthracene
Concen: 3.63 ng
RT: 26.70 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE092004.D
Acq: 22 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.6	18.8
279	24.0	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 3.48 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BE092004.D

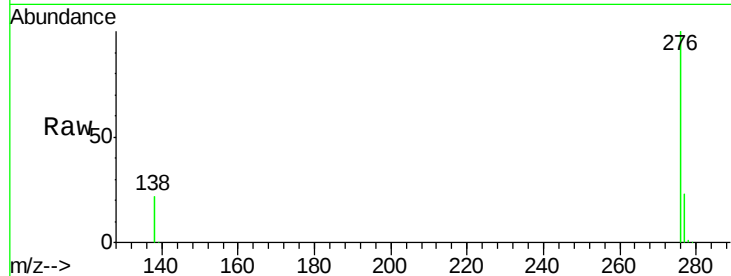
Acq: 22 Jul 2016 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 567301

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 22.2 17.7 26.5

Manual Integrations

sohil

7/25/2016 6:45:59 PM

