

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092053.D
 Acq On : 27 Jul 2016 12:38
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Manual Integrations
 APPROVED

sohil
 7/28/2016 5:00:13 PM

Quant Time: Jul 27 13:43:29 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 12:50:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9516	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	44051	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	19979	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	61904	5.00	ng	0.00
31) Chrysene-d12	21.76	240	62393	5.00	ng	0.00
40) Perylene-d12	24.15	264	65196	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	3235	1.61	ng	0.00
5) Phenol-d6	7.35	99	4367	1.54	ng	0.00
9) Nitrobenzene-d5	9.35	82	4837	1.34	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	1193	1.90	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	12525	1.49	ng	0.00
34) Terphenyl-d14	20.20	244	17075	1.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	1986	1.30	ng	91
3) n-Nitrosodimethylamine	3.80	42	2712	1.84	ng	# 88
6) bis(2-Chloroethyl)ether	7.61	93	4432	1.70	ng	94
7) n-Nitroso-di-n-propylamine	9.00	70	3682	1.76	ng	98
10) Nitrobenzene	9.40	77	5304	1.88	ng	99
11) bis(2-Chloroethoxy)methane	10.40	93	6296	1.95	ng	94
12) Naphthalene	11.04	128	14786	1.43	ng	96
13) Hexachlorobutadiene	11.32	225	2279	1.46	ng	# 99
14) 2-Methylnaphthalene	12.66	142	9991	1.58	ng	97
18) Acenaphthylene	14.56	152	84495	1.72	ng	99
19) 2,6-Dinitrotoluene	14.44	165	9115m	1.92	ng	
20) Acenaphthene	14.92	154	8139	1.38	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	12283	3.03	ng	# 1
22) Fluorene	15.90	166	13882	1.59	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	6807	1.52	ng	96
25) 4-Bromophenyl-phenylether	16.78	248	3982	1.49	ng	99
26) Hexachlorobenzene	16.90	284	4095	1.47	ng	98
27) Pentachlorophenol	17.25	266	1026	2.48	ng	# 86
28) Phenanthrene	17.63	178	24449	1.45	ng	100
29) Anthracene	17.72	178	22552	1.58	ng	100
30) Fluoranthene	19.63	202	112523	1.56	ng	99
32) Benzidine	19.81	184	5041	2.42	ng	# 75
33) Pyrene	19.99	202	128406	1.72	ng	99
35) Benzo(a)anthracene	21.73	228	39541m	1.03	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	9107	2.76	ng	# 93
37) Chrysene	21.78	228	32416m	0.75	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	86428	1.12	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.65	276	115098	1.71	ng	99
41) Benzo(b)fluoranthene	23.41	252	28438	0.91	ng	97
42) Benzo(k)fluoranthene	23.46	252	28891	0.97	ng	96
43) Benzo(a)pyrene	24.04	252	25208	1.22	ng	95
44) Dibenzo(a,h)anthracene	26.68	278	23637	1.68	ng	# 94
45) Benzo(g,h,i)perylene	27.43	276	96519	1.60	ng	96

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092053.D
Acq On : 27 Jul 2016 12:38
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM

Quant Time: Jul 27 13:43:29 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration

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

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

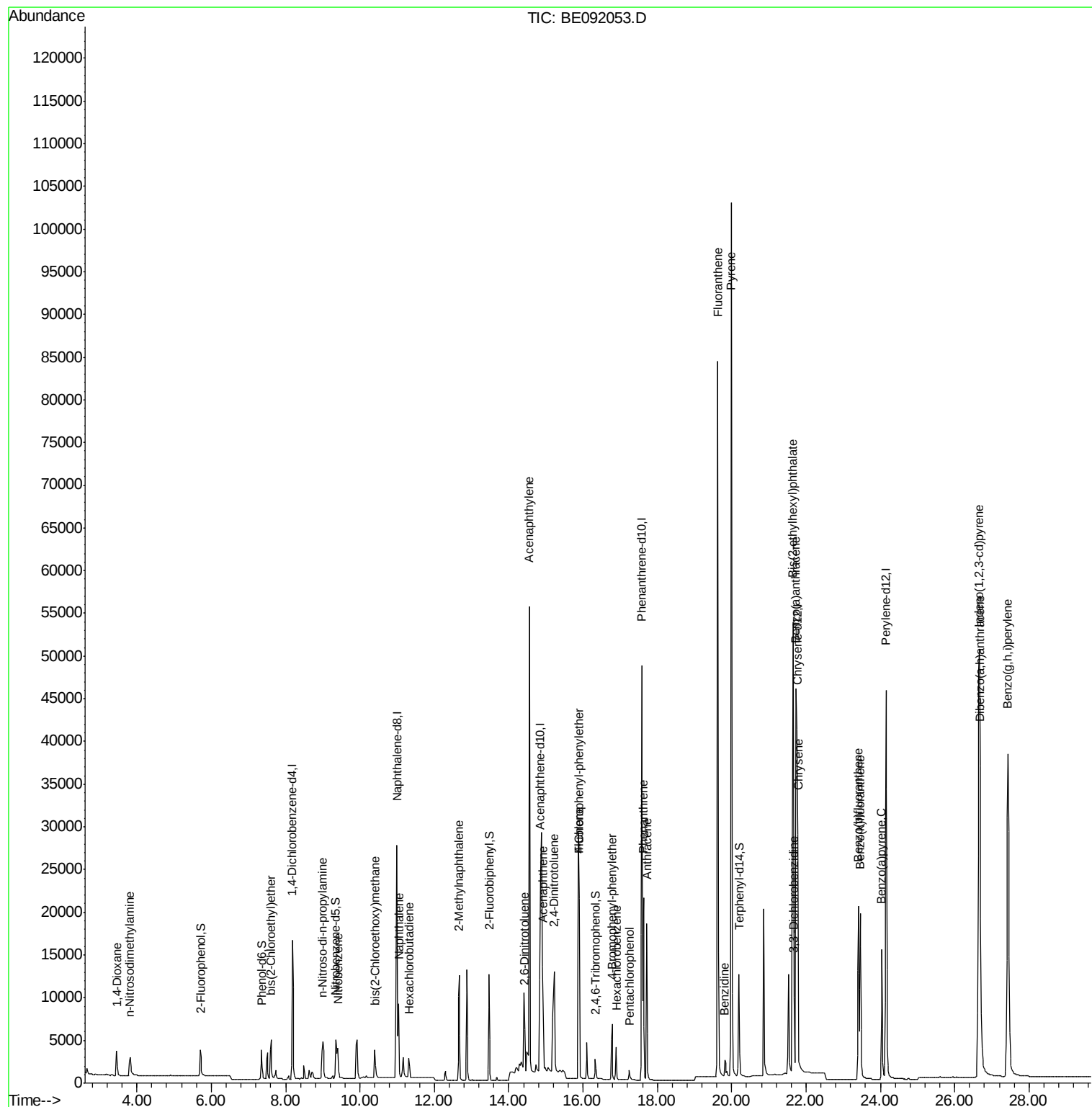
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092053.D
Acq On : 27 Jul 2016 12:38
Operator : UM/SJ
Sample : SSTDIC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

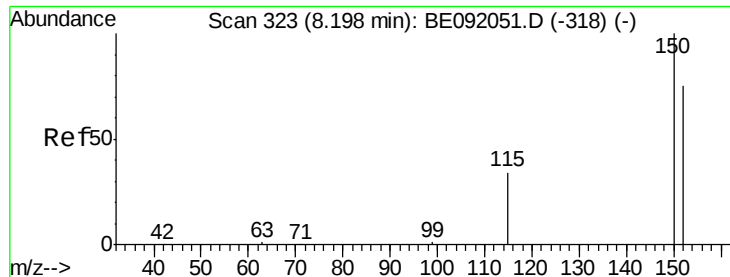
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM

Quant Time: Jul 27 13:43:29 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

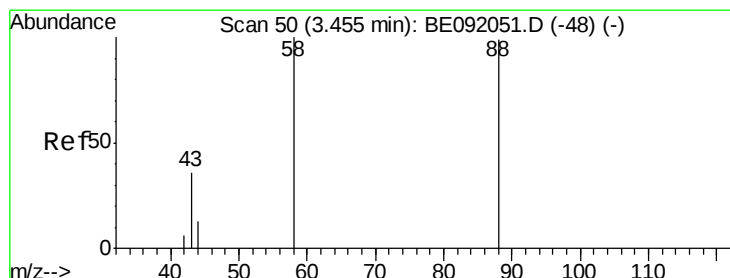
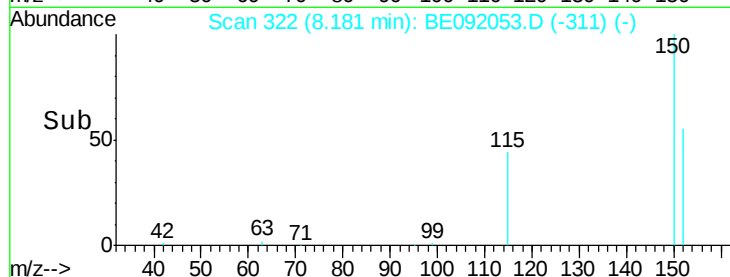
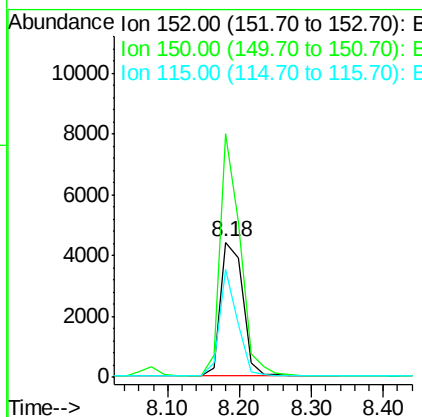
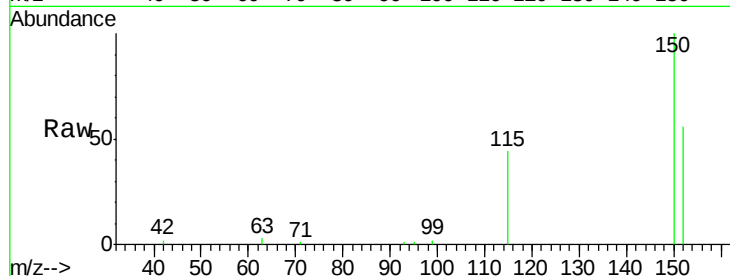
ClientSampled :

SSTDICC1.6

Tgt Ion: 152 Resp: 9516
 Ion Ratio Lower Upper
 152 100
 150 180.0 106.0 159.0#
 115 79.9 36.9 55.3#

Manual Integrations
 APPROVED

sohil
 7/28/2016 5:00:13 PM



#2

1,4-Dioxane

Concen: 1.30 ng

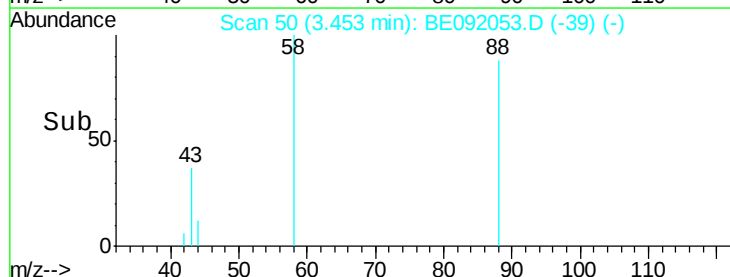
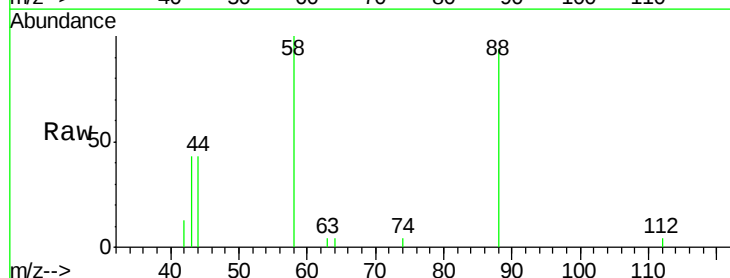
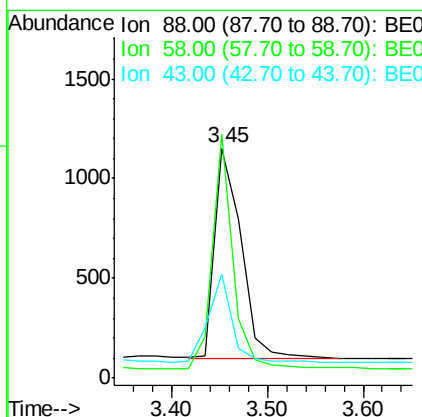
RT: 3.45 min Scan# 50

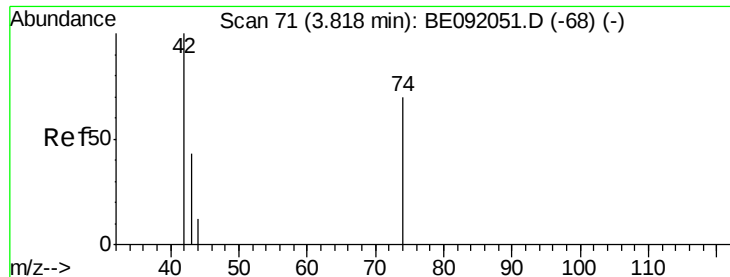
Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion: 88 Resp: 1986
 Ion Ratio Lower Upper
 88 100
 58 86.5 62.1 93.1
 43 37.1 27.2 40.8





#3

n-Nitrosodimethylamine

Concen: 1.84 ng

RT: 3.80 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

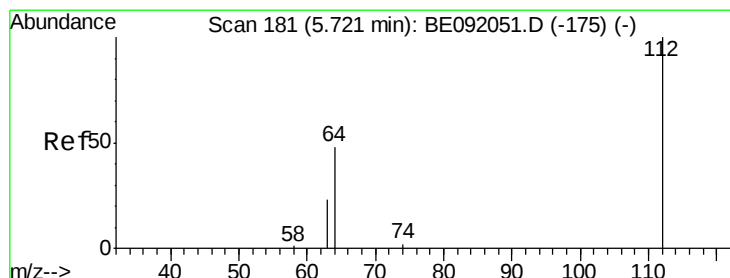
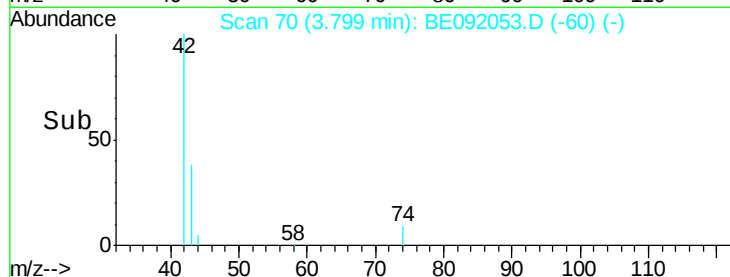
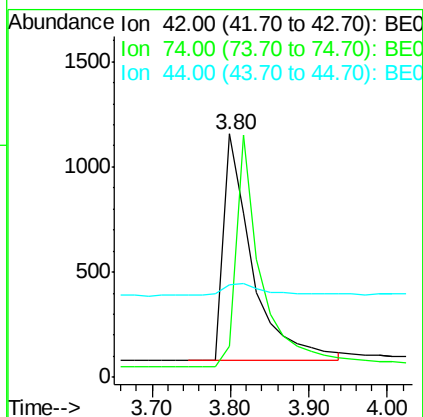
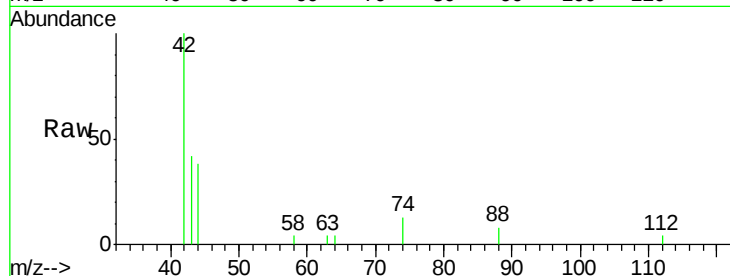
ClientSampleId :

SSTDICC1.6

Tgt Ion:	42	Resp:	2712
Ion	Ratio	Lower	Upper
42	100		
74	91.2	82.8	124.2
44	7.2	9.0	13.4#

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



#4

2-Fluorophenol

Concen: 1.61 ng

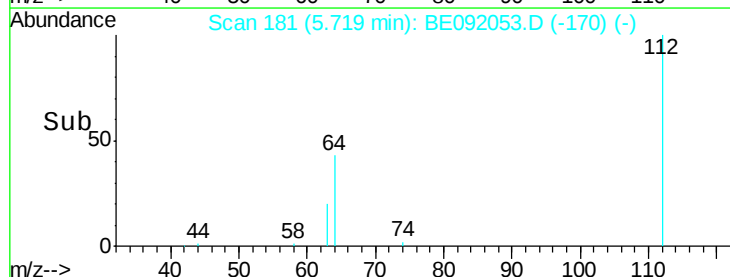
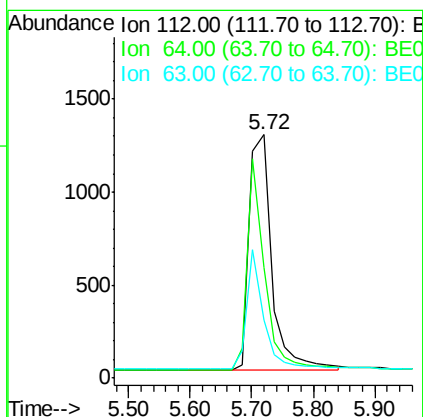
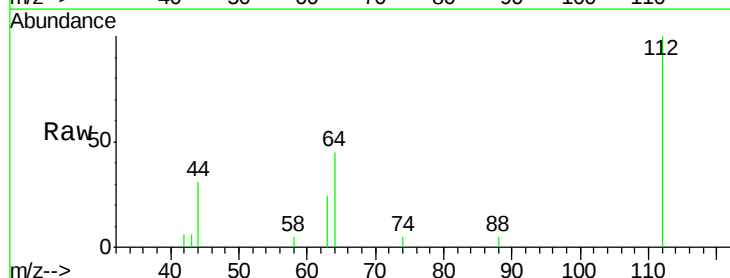
RT: 5.72 min Scan# 181

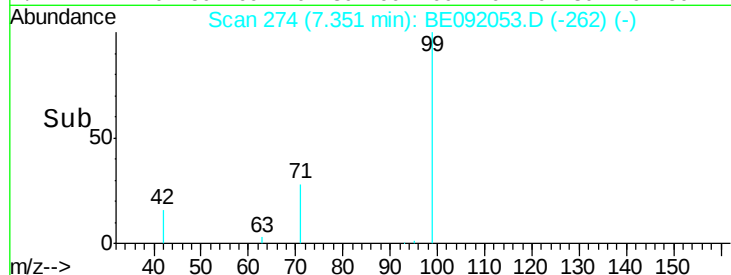
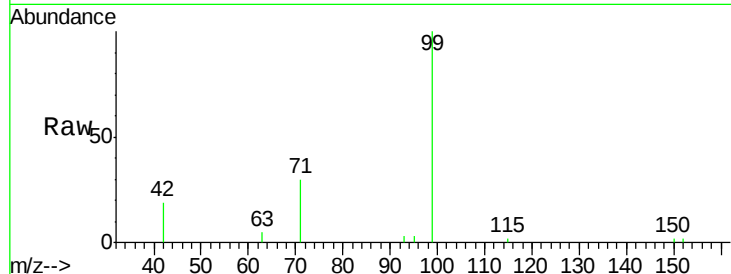
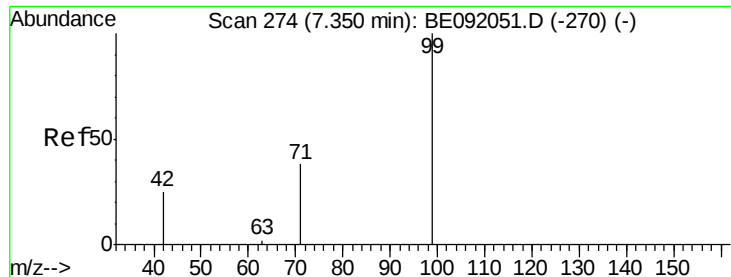
Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion:	112	Resp:	3235
Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.9	83.9
63	37.8	31.1	46.7





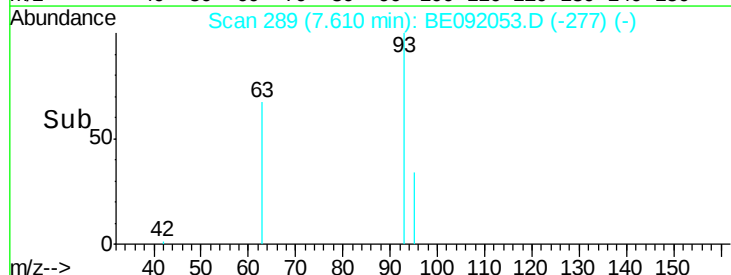
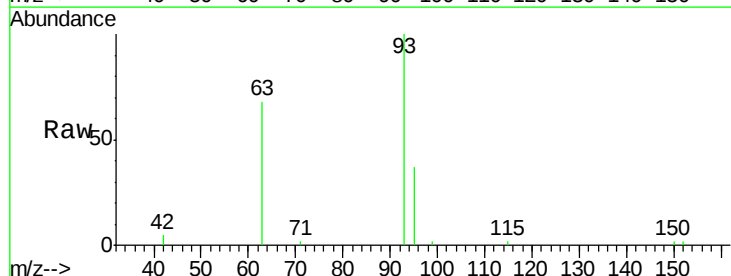
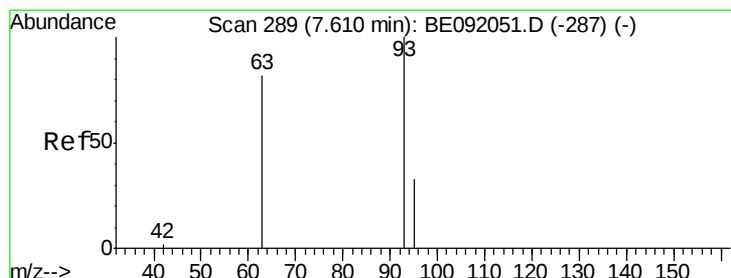
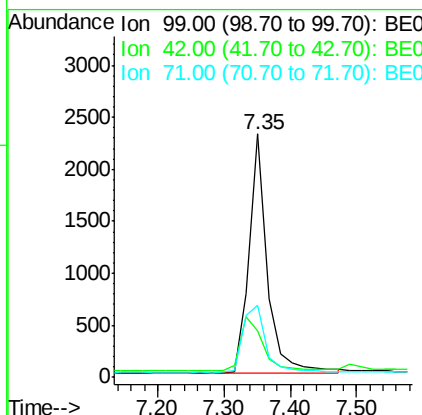
#5
Phenol-d6
Concen: 1.54 ng
RT: 7.35 min Scan# 274
Delta R.T. 0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion: 99 Resp: 4367
Ion Ratio Lower Upper
99 100
42 27.4 22.4 33.6
71 35.3 28.9 43.3

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

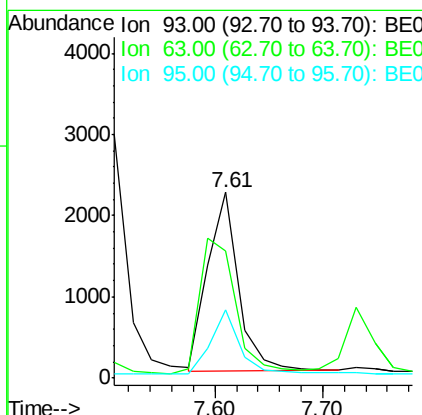
Manual Integrations
APPROVED

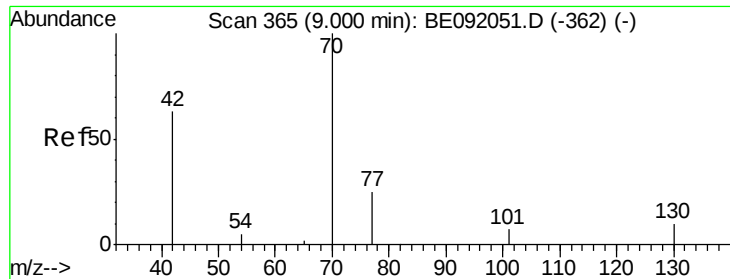
sohil
7/28/2016 5:00:13 PM



#6
bis(2-Chloroethyl)ether
Concen: 1.70 ng
RT: 7.61 min Scan# 289
Delta R.T. 0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion: 93 Resp: 4432
Ion Ratio Lower Upper
93 100
63 87.5 64.4 96.6
95 33.9 25.8 38.8





#7

n-Nitroso-di-n-propylamine

Concen: 1.76 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

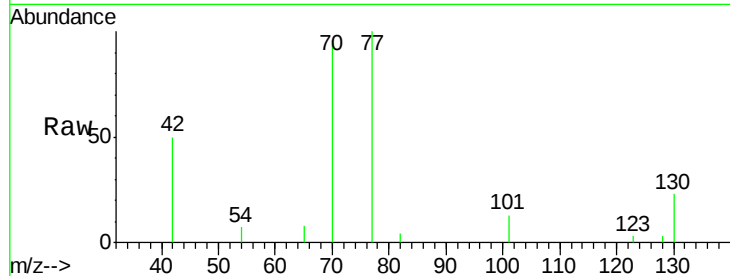
ClientSampleId :

SSTDICC1.6

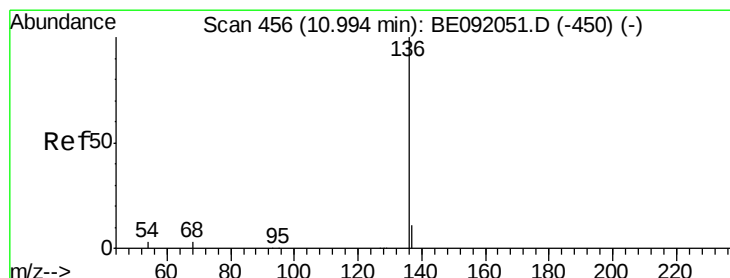
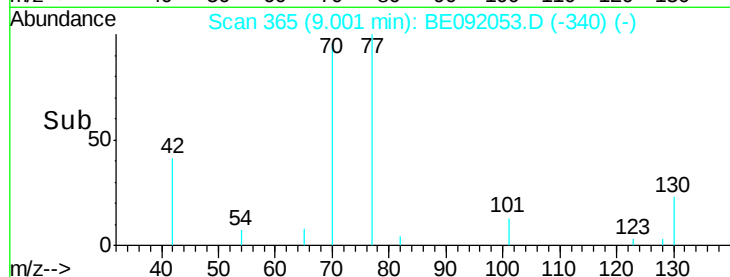
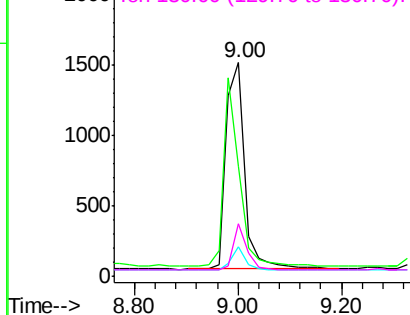
Tgt Ion:	70	Resp:	3682
Ion	Ratio	Lower	Upper
70	100		
42	76.9	60.2	90.4
101	8.0	6.8	10.2
130	16.0	13.3	19.9

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



Abundance Ion 70.00 (69.70 to 70.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

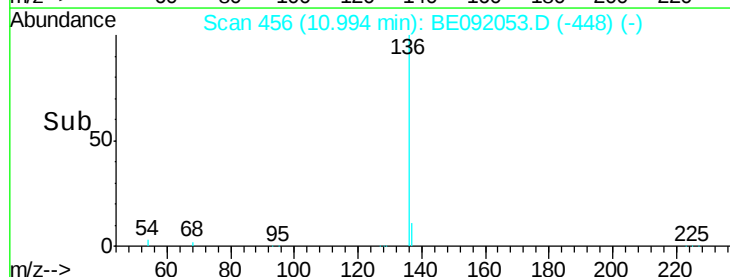
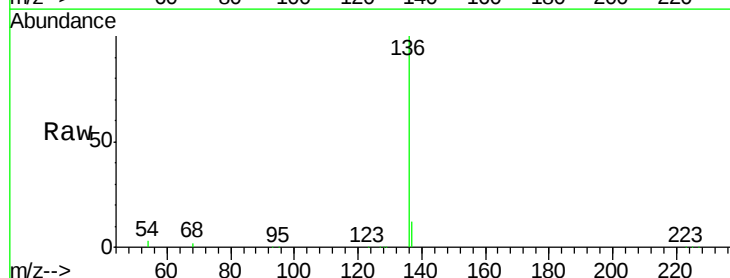
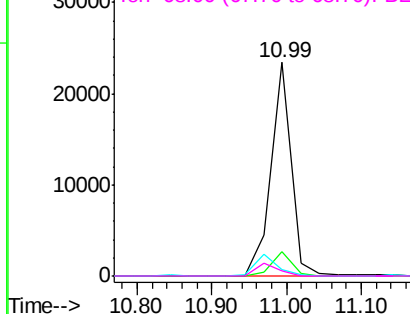
Delta R.T. -0.00 min

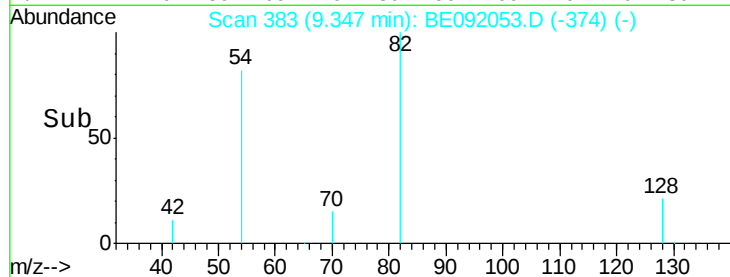
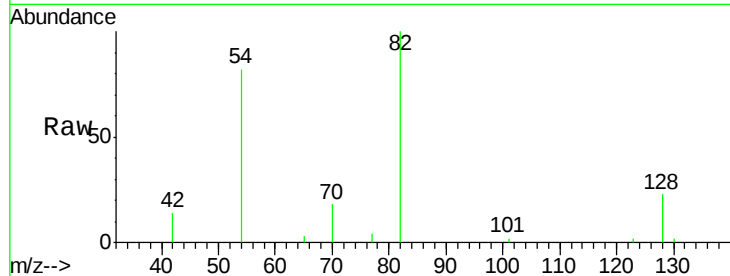
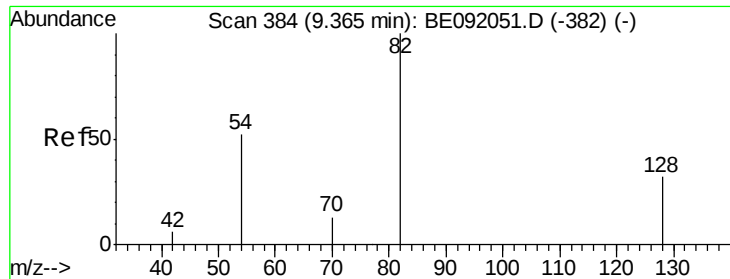
Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion:	136	Resp:	44051
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	2.8	2.7	4.1
68	2.3	2.2	3.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





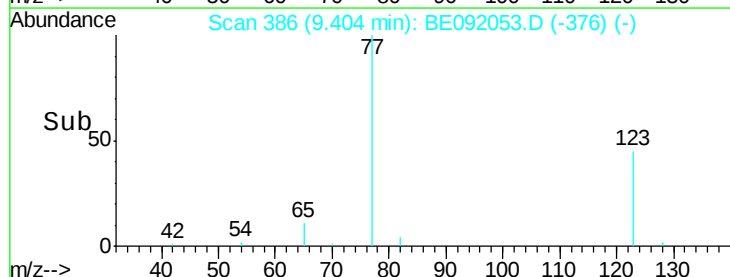
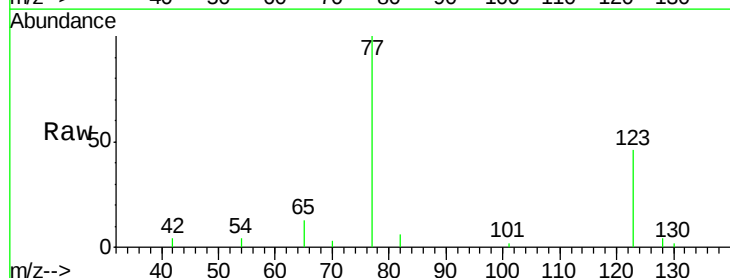
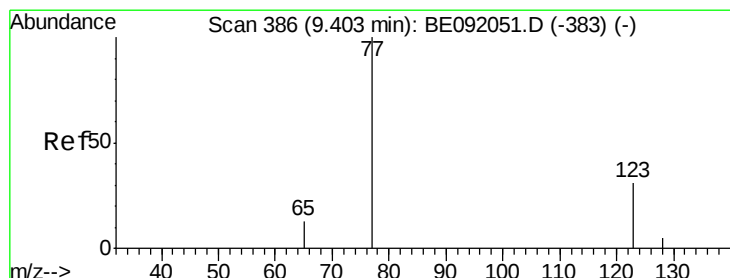
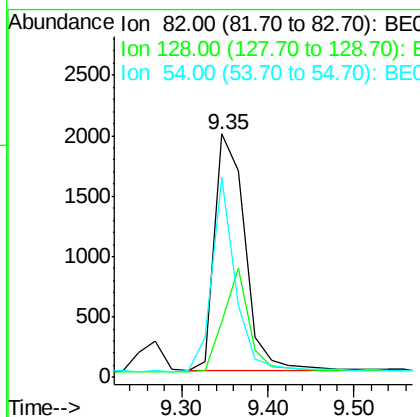
#9
Nitrobenzene-d5
Concen: 1.34 ng
RT: 9.35 min Scan# 383
Delta R.T. -0.02 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion: 82 Resp: 4837
Ion Ratio Lower Upper
82 100
128 22.7 33.0 49.4#
54 82.4 42.6 63.8#

Instrument :
BNA_E
ClientSampled :
SSTDICC1.6

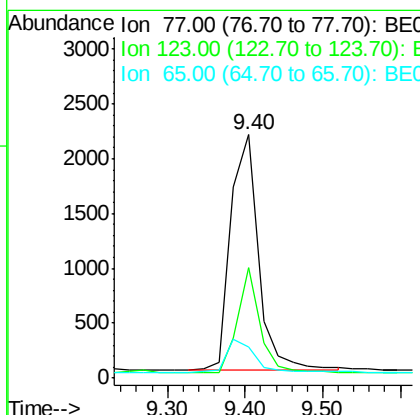
Manual Integrations
APPROVED

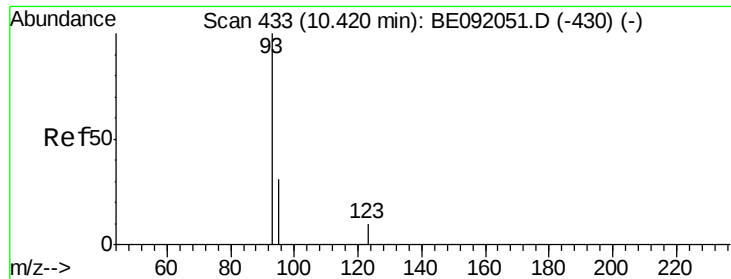
sohil
7/28/2016 5:00:13 PM



#10
Nitrobenzene
Concen: 1.88 ng
RT: 9.40 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion: 77 Resp: 5304
Ion Ratio Lower Upper
77 100
123 36.9 29.9 44.9
65 14.0 11.4 17.0





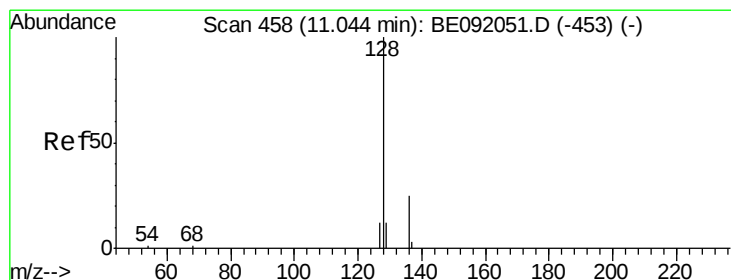
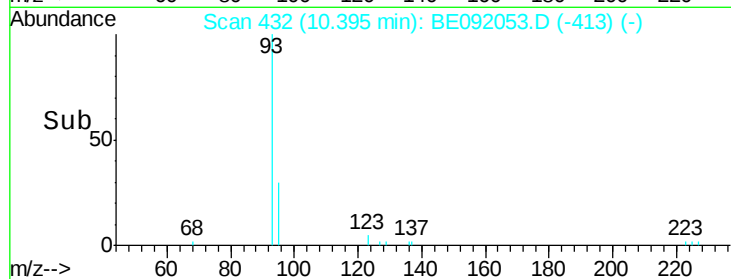
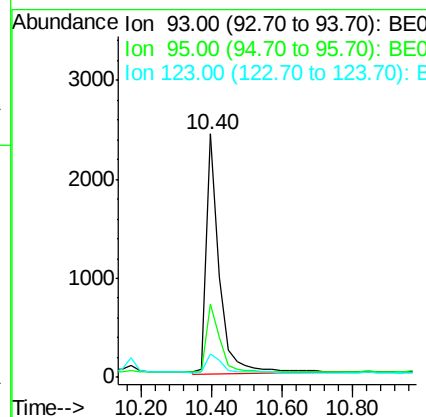
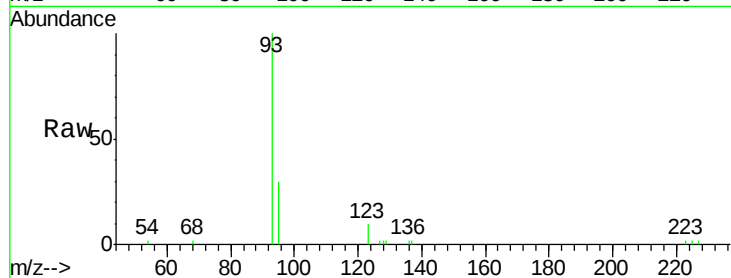
#11
bis(2-Chloroethoxy)methane
Concen: 1.95 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.03 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.8	25.0	37.6
123	9.4	7.8	11.8

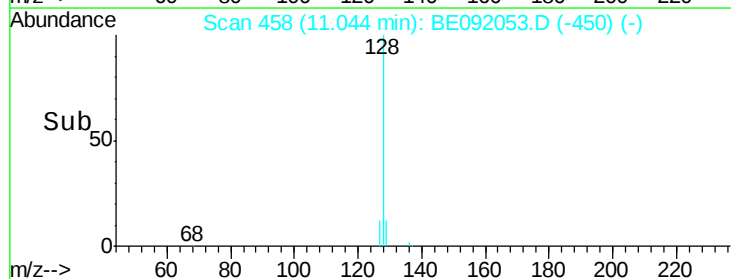
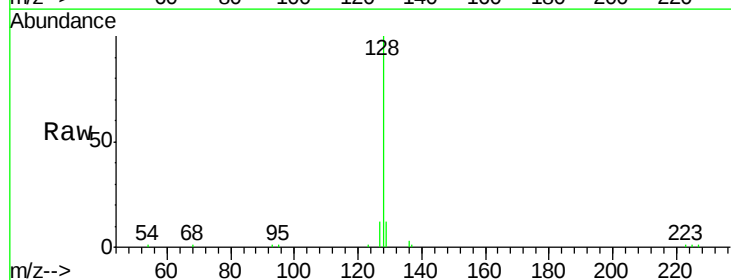
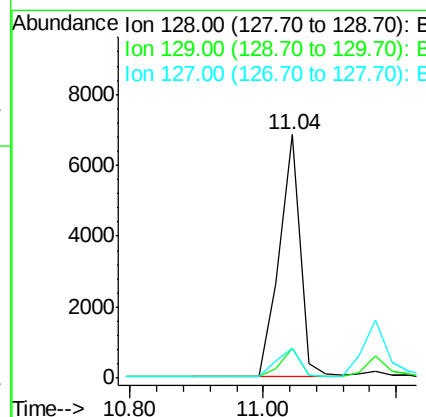
Manual Integrations
APPROVED

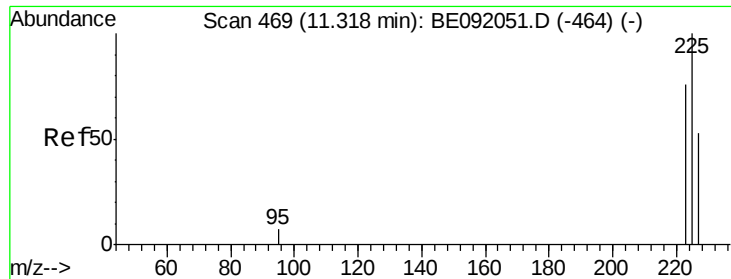
sohil
7/28/2016 5:00:13 PM



#12
Naphthalene
Concen: 1.43 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.1	16.7
127	12.1	11.3	16.9





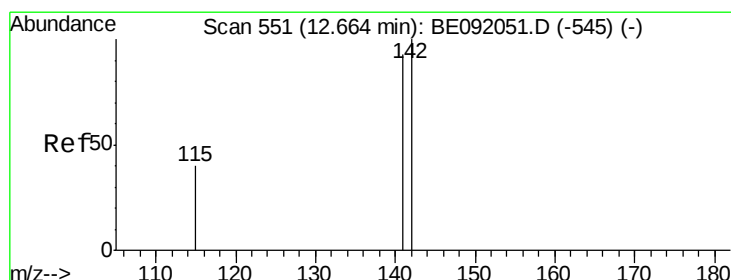
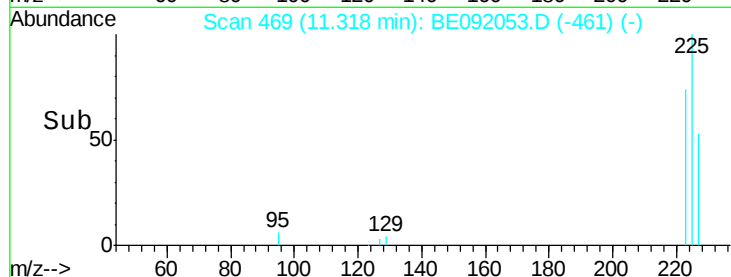
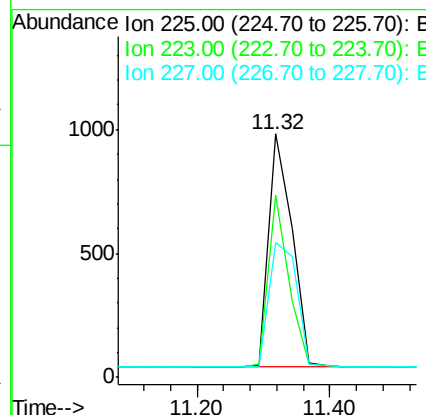
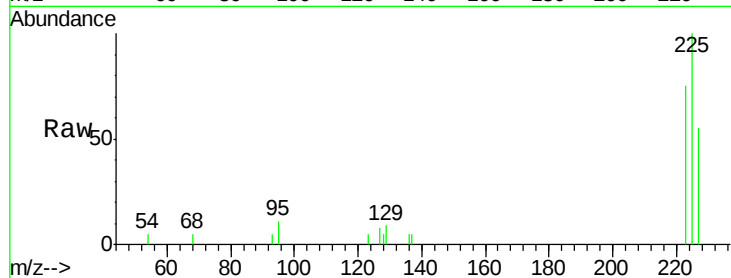
#13
Hexachlorobutadiene
Concen: 1.46 ng
RT: 11.32 min Scan# 469
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.9	77.9
227	63.2	0.0	0.0

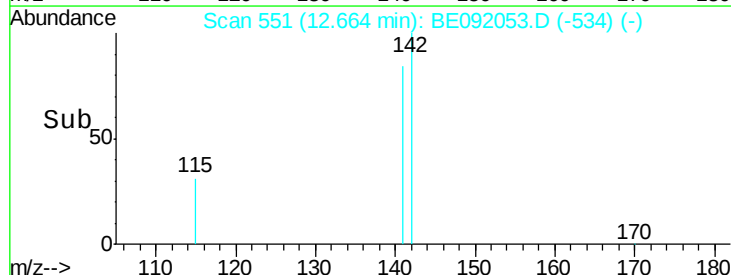
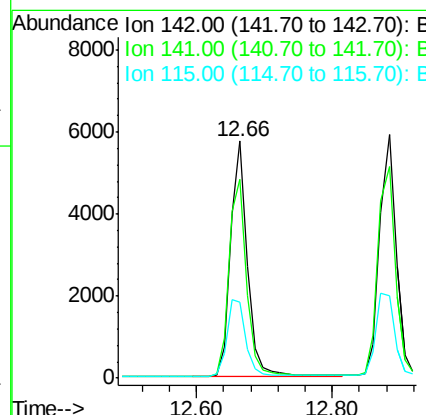
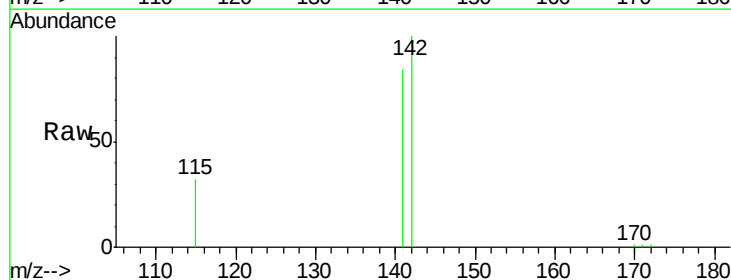
Manual Integrations
APPROVED

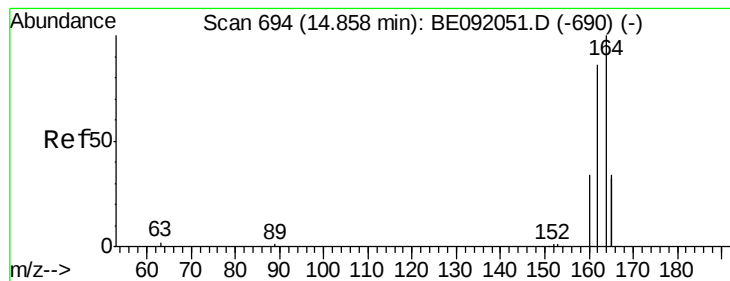
sohil
7/28/2016 5:00:13 PM



#14
2-Methylnaphthalene
Concen: 1.58 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.8	65.1	97.7
115	32.1	27.0	40.4





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:164 Resp: 19979

Ion Ratio Lower Upper

164 100

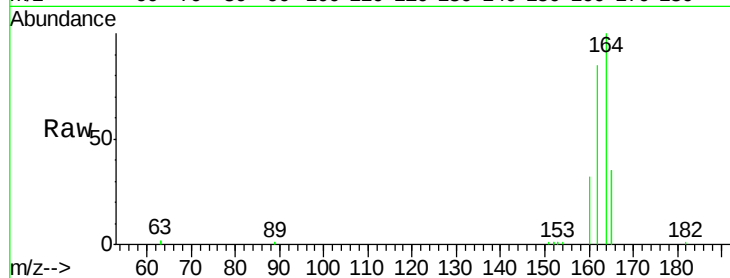
162 85.1 69.5 104.3

160 32.3 27.6 41.4

Manual Integrations
APPROVED

sohil

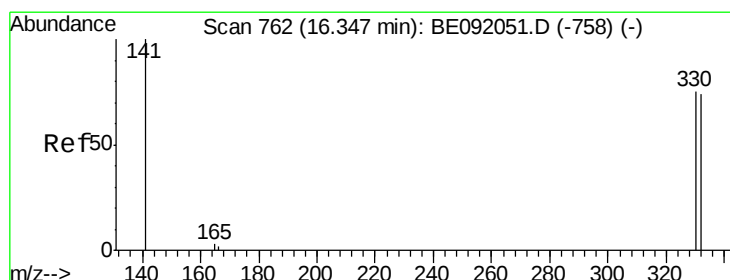
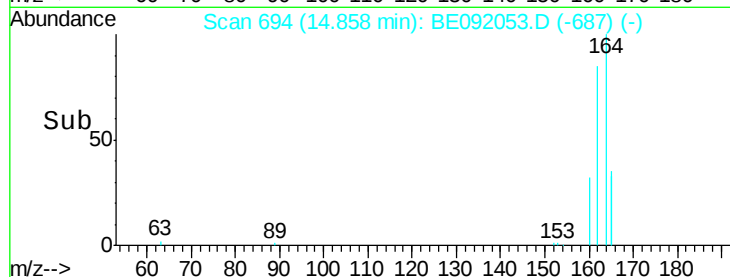
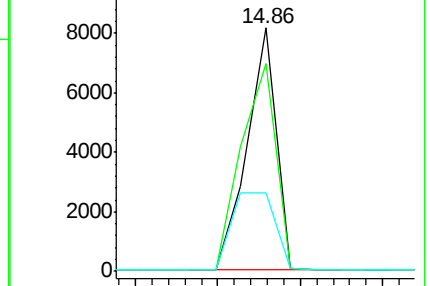
7/28/2016 5:00:13 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 1.90 ng

RT: 16.33 min Scan# 761

Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

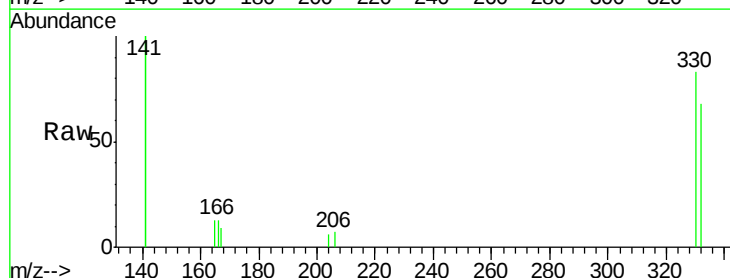
Tgt Ion:330 Resp: 1193

Ion Ratio Lower Upper

330 100

332 96.2 74.2 111.4

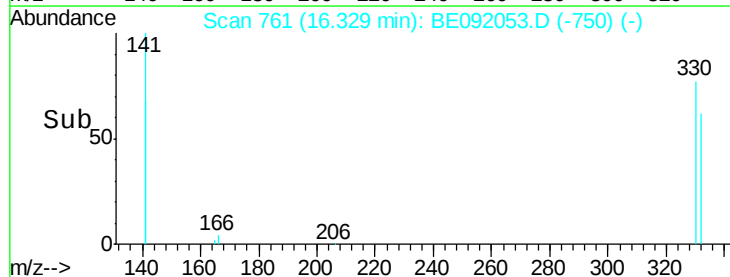
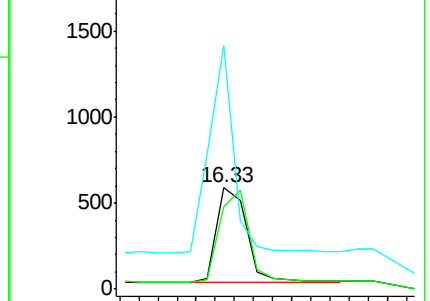
141 182.6 139.8 209.8

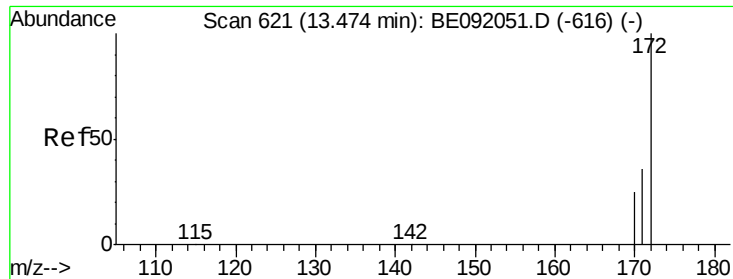


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





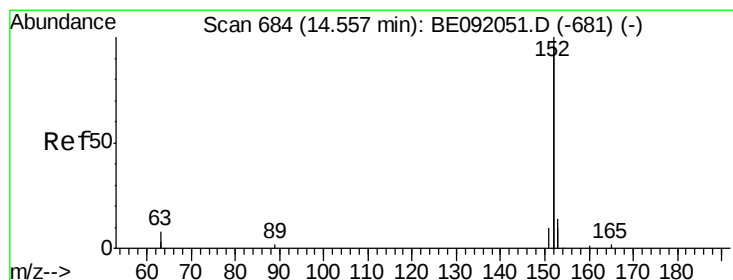
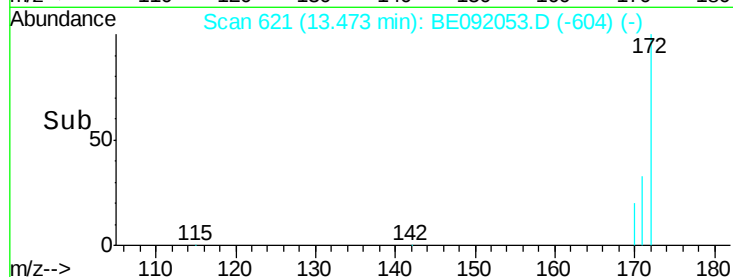
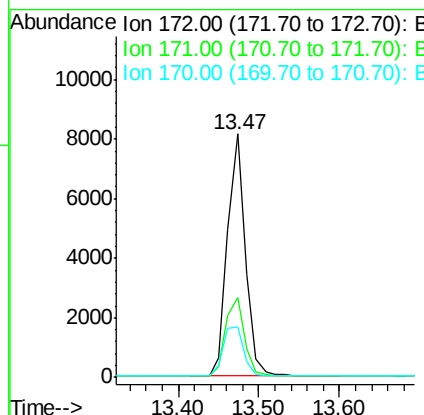
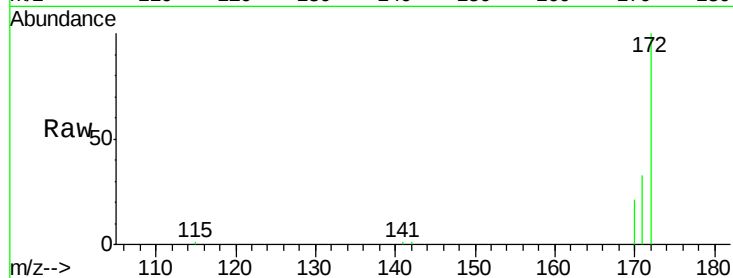
#17
2-Fluorobiphenyl
Concen: 1.49 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampled :
SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.3	45.5
170	20.8	21.6	32.4

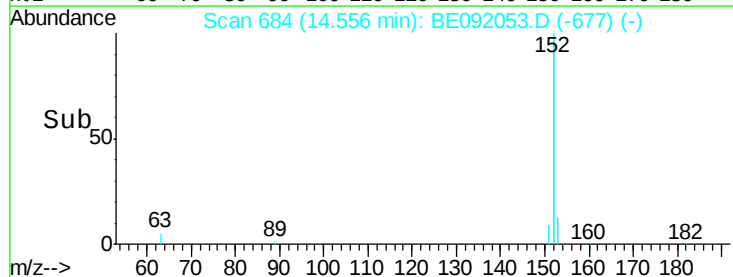
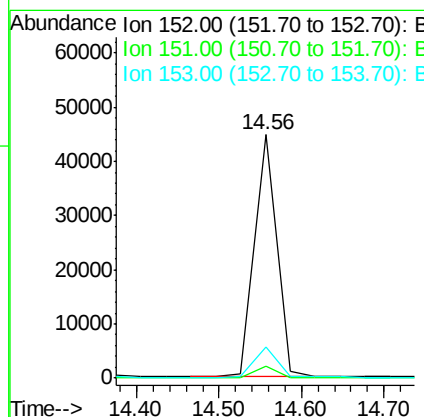
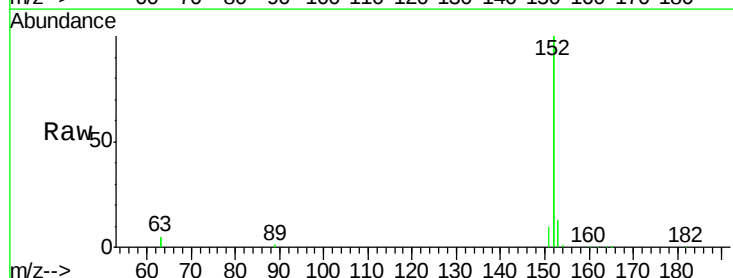
Manual Integrations
APPROVED

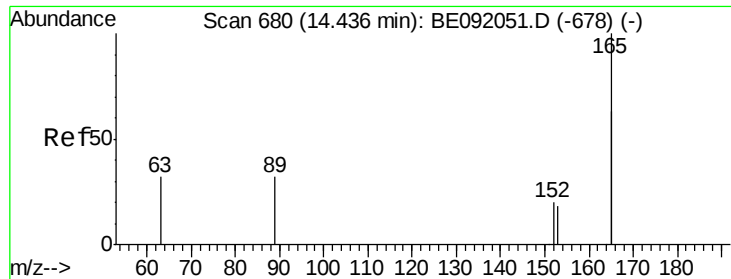
sohil
7/28/2016 5:00:13 PM



#18
Acenaphthylene
Concen: 1.72 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.7	4.0	6.0
153	12.6	9.6	14.4





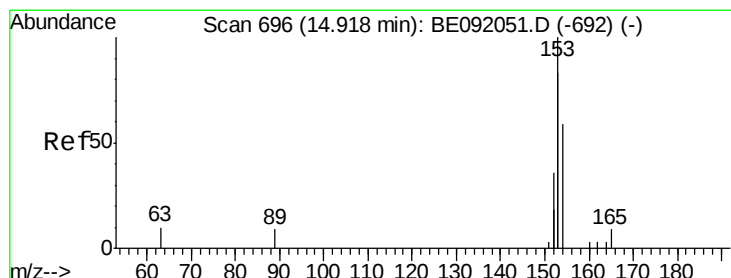
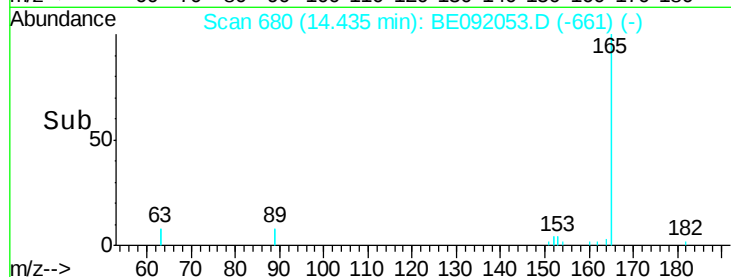
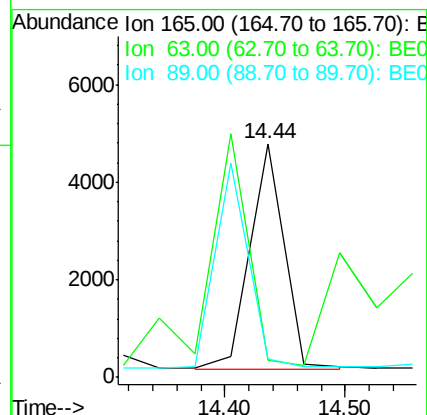
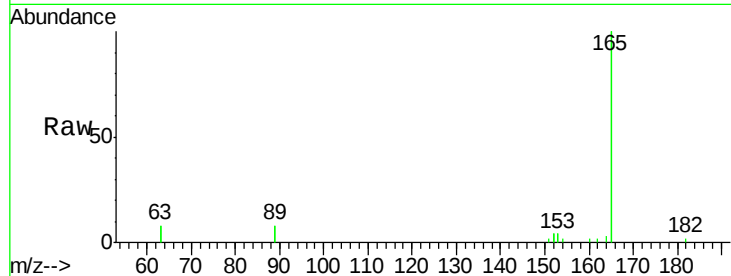
#19
2,6-Dinitrotoluene
Concen: 1.92 ng m
RT: 14.44 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	9115		
63	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0

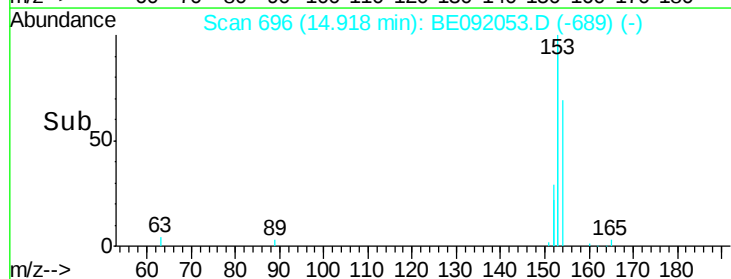
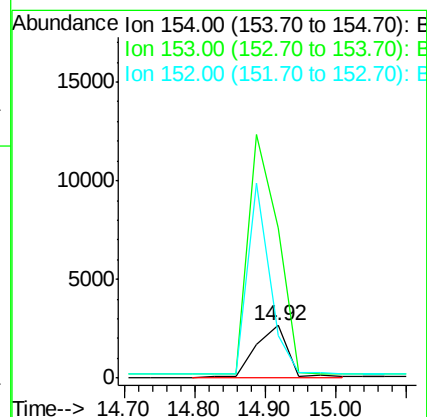
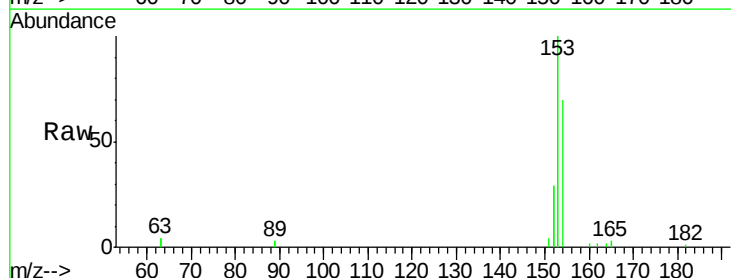
Manual Integrations
APPROVED

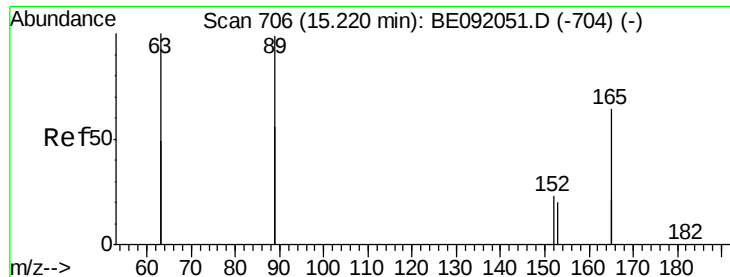
sohil
7/28/2016 5:00:13 PM



#20
Acenaphthene
Concen: 1.38 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	8139		
153	0.0	345.1	517.7#	
152	0.0	0.0	0.0	





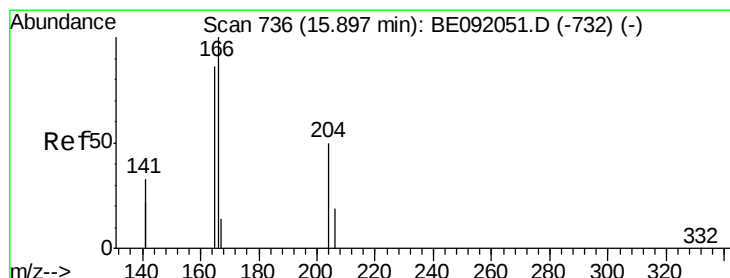
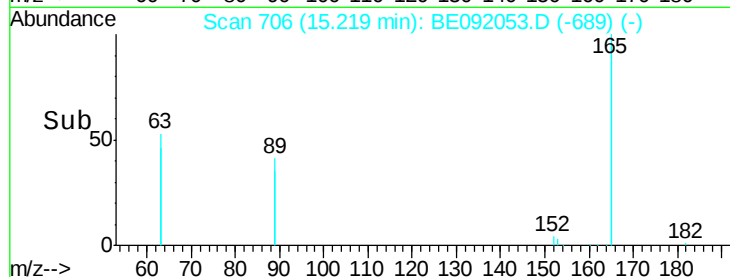
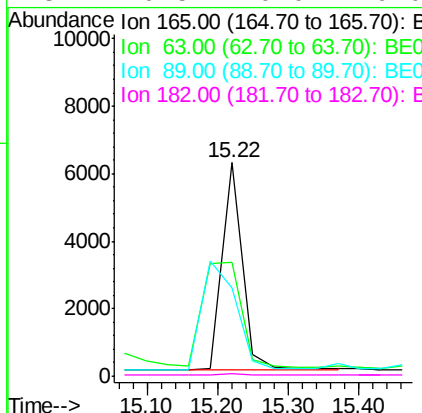
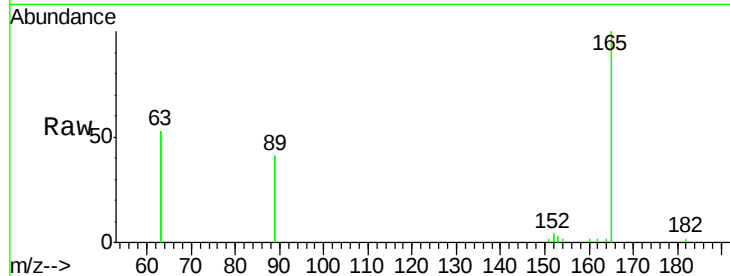
#21
 2,4-Dinitrotoluene
 Concen: 3.03 ng
 RT: 15.22 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	12283		
63	96.5	324.0	486.0#	
89	0.0	308.4	462.6#	
182	0.5	0.0	0.0#	

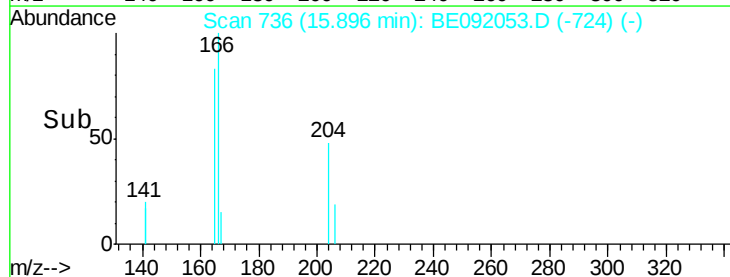
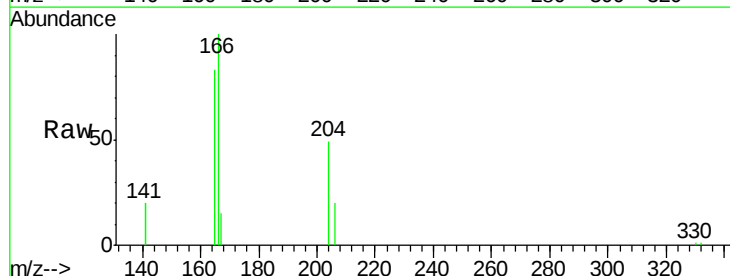
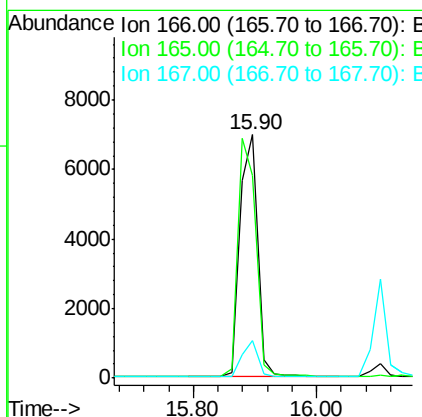
Manual Integrations
 APPROVED

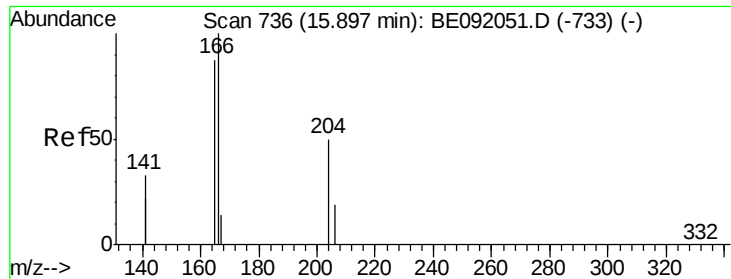
sohil
 7/28/2016 5:00:13 PM



#22
 Fluorene
 Concen: 1.59 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	13882		
165	100.1	78.6	118.0	
167	13.2	11.1	16.7	





#23

4-Chlorophenyl-phenylether

Concen: 1.52 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

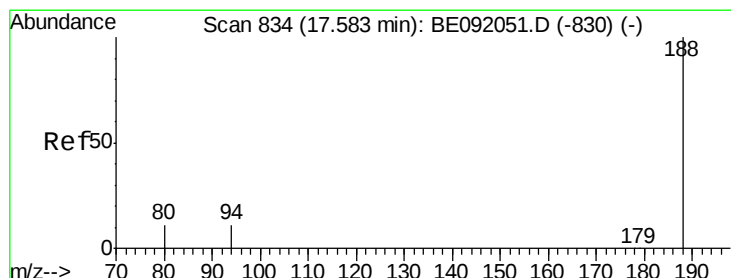
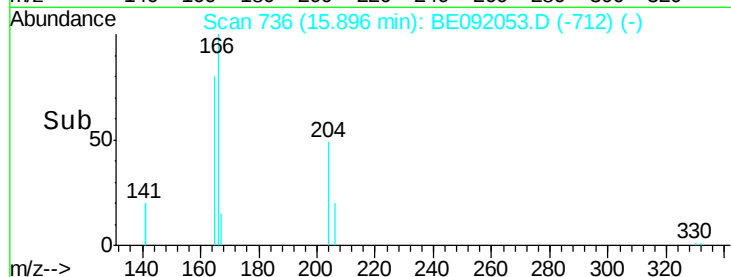
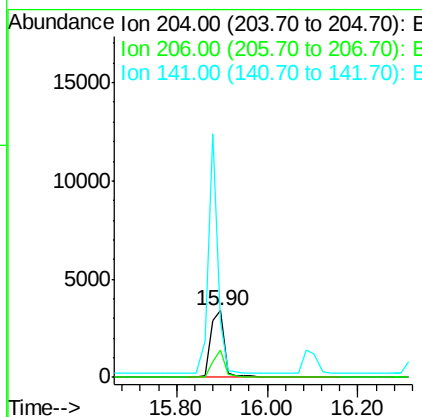
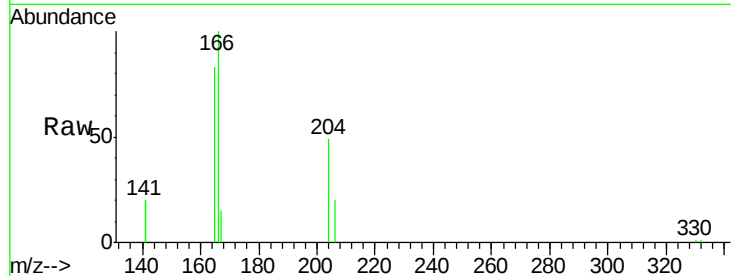
SSTDICC1.6

Tgt Ion: 204 Resp: 6807

Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.0	40.4
141	256.0	198.5	297.7

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 834

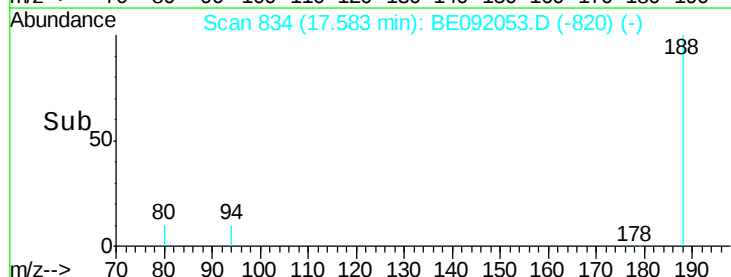
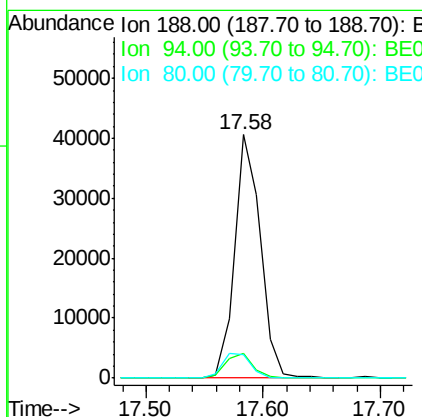
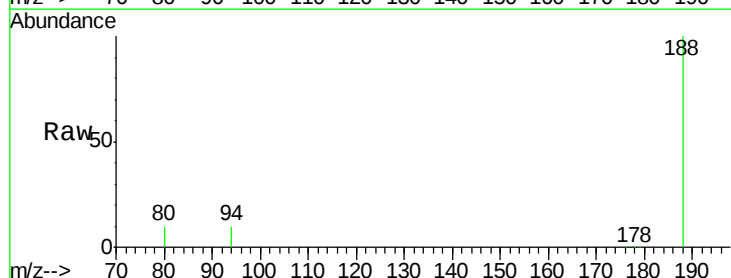
Delta R.T. -0.00 min

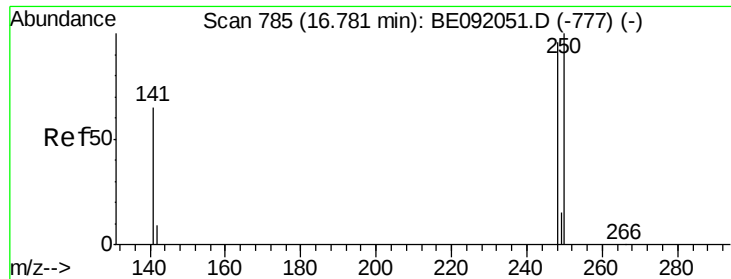
Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion: 188 Resp: 61904

Ion	Ratio	Lower	Upper
188	100		
94	10.0	3.9	5.9#
80	9.9	3.4	5.0#





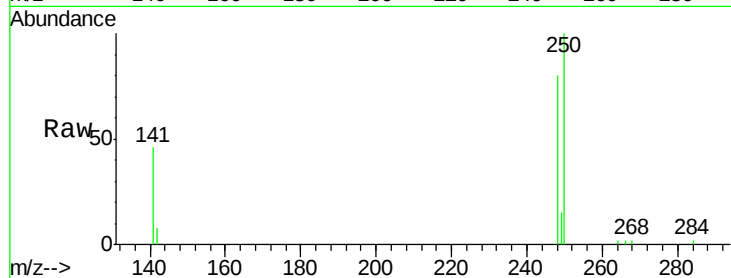
#25
4-Bromophenyl-phenylether
Concen: 1.49 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

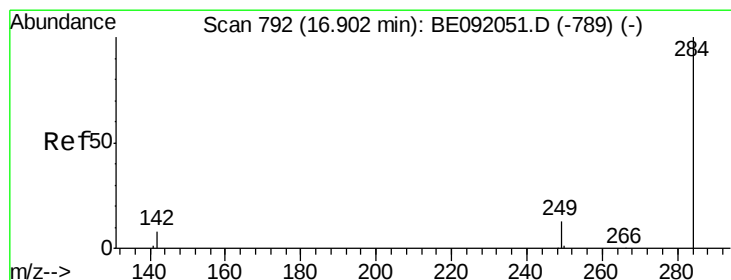
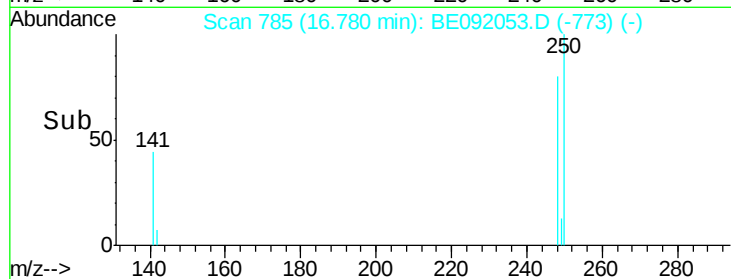
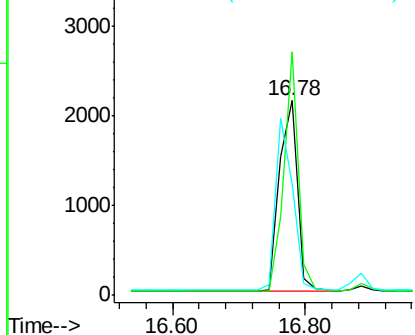
Tgt Ion:248 Resp: 3982
Ion Ratio Lower Upper
248 100
250 100.1 79.6 119.4
141 85.5 68.7 103.1

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM

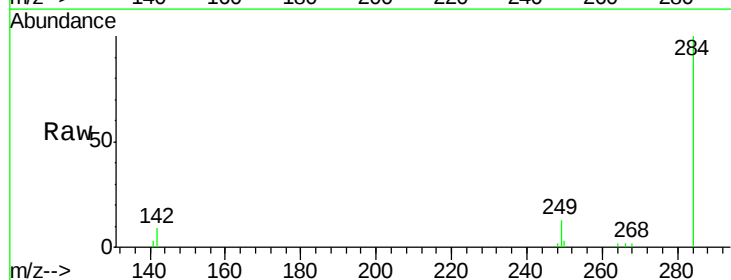


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

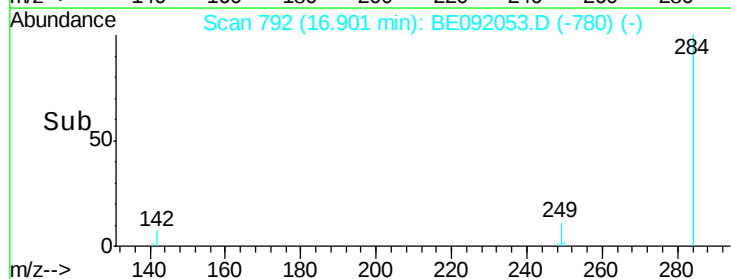
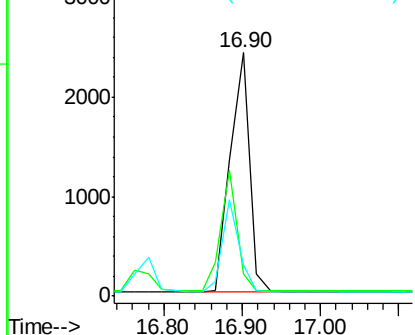


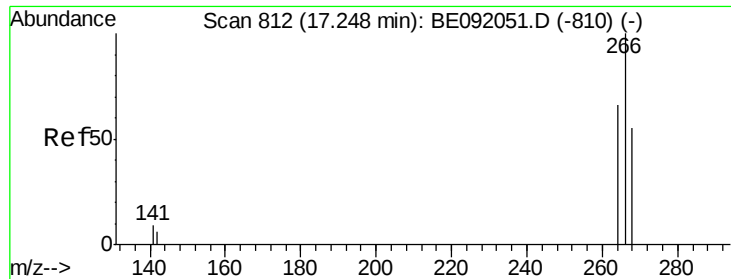
#26
Hexachlorobenzene
Concen: 1.47 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion:284 Resp: 4095
Ion Ratio Lower Upper
284 100
142 42.7 33.3 49.9
249 33.0 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 2.48 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

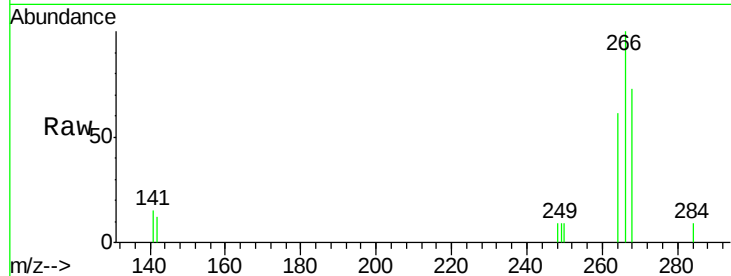
ClientSampleId :

SSTDICC1.6

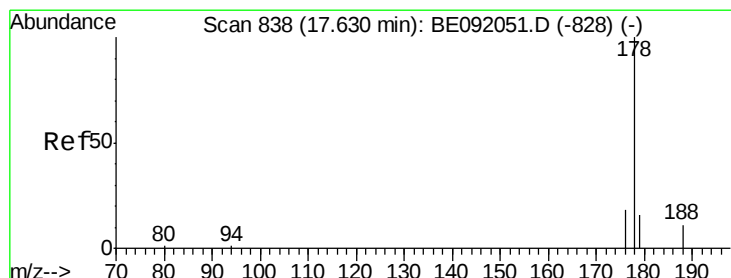
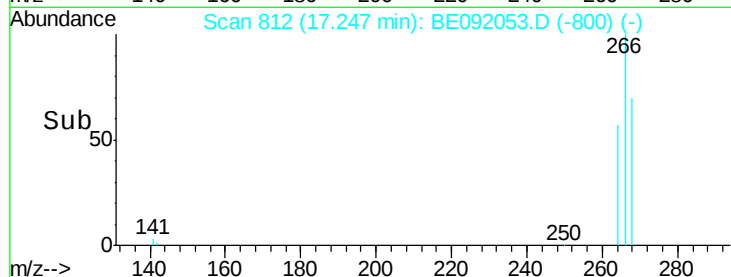
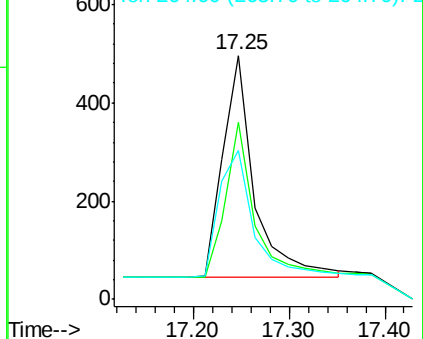
Tgt Ion:	266	Resp:	1026
Ion Ratio	Lower	Upper	
266	100		
268	72.8	62.7	94.1
264	60.9	63.5	95.3#

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 1.45 ng

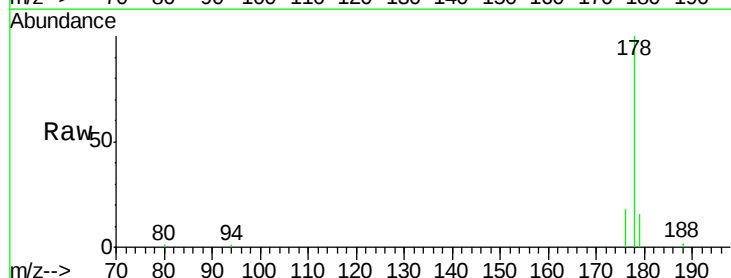
RT: 17.63 min Scan# 838

Delta R.T. -0.00 min

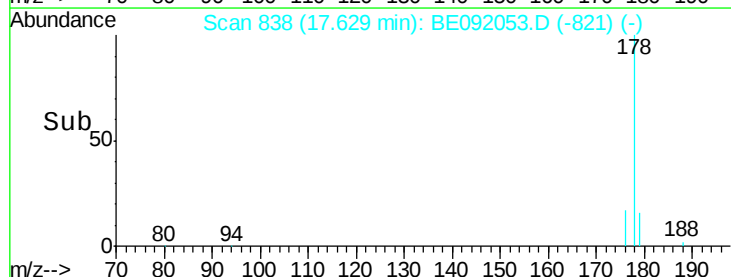
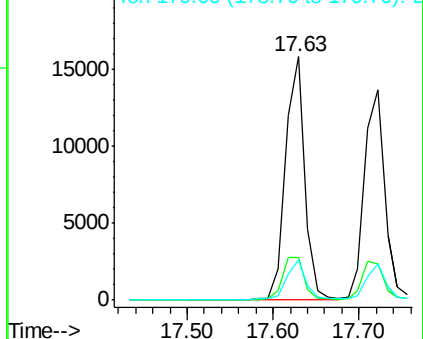
Lab File: BE092053.D

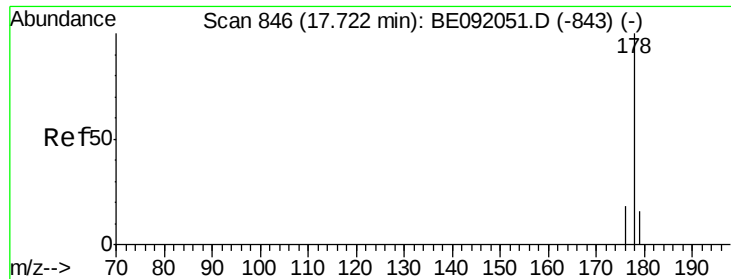
Acq: 27 Jul 2016 12:38

Tgt Ion:	178	Resp:	24449
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.0
179	15.6	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 1.58 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

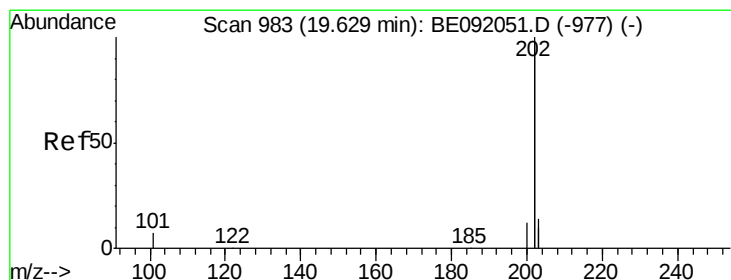
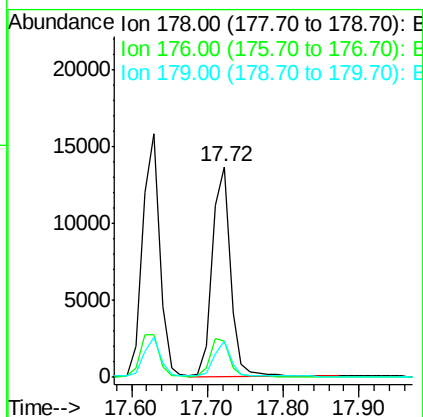
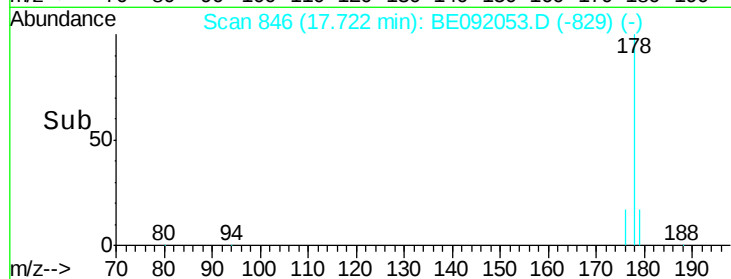
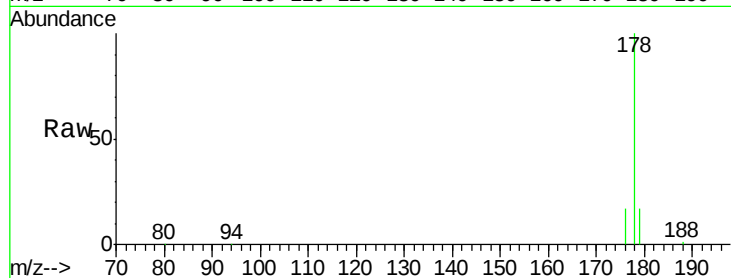
ClientSampleId :

SSTDICC1.6

Tgt Ion:	178	Resp:	22552
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.2	22.8
179	15.4	12.2	18.4

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



#30

Fluoranthene

Concen: 1.56 ng

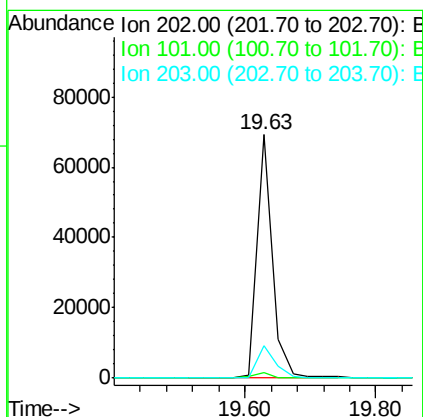
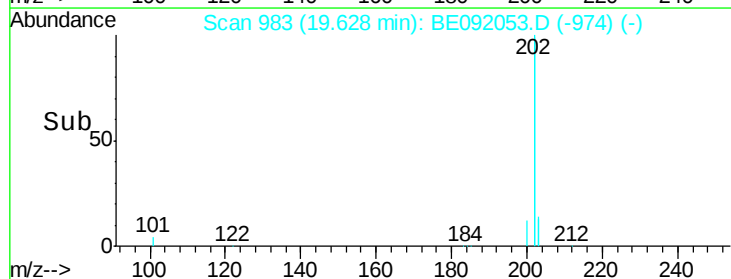
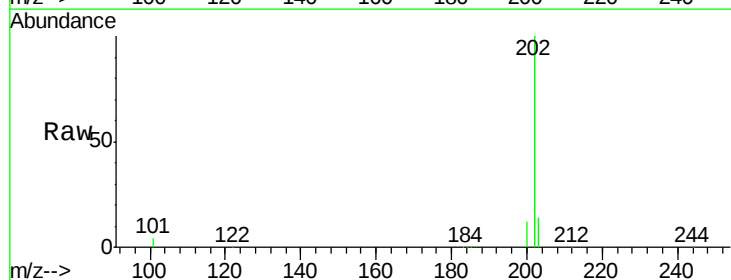
RT: 19.63 min Scan# 983

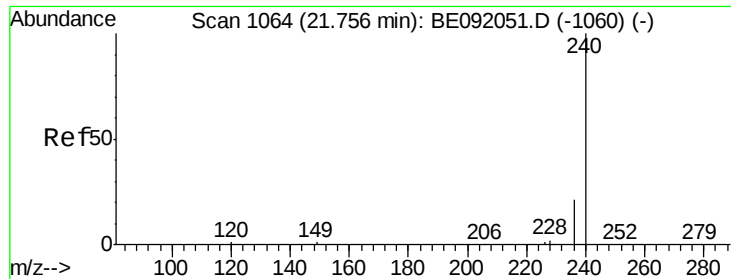
Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion:	202	Resp:	112523
Ion Ratio	Lower	Upper	
202	100		
101	2.5	2.2	3.2
203	15.8	13.0	19.4





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

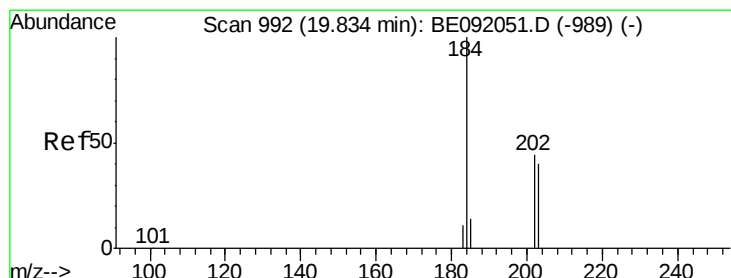
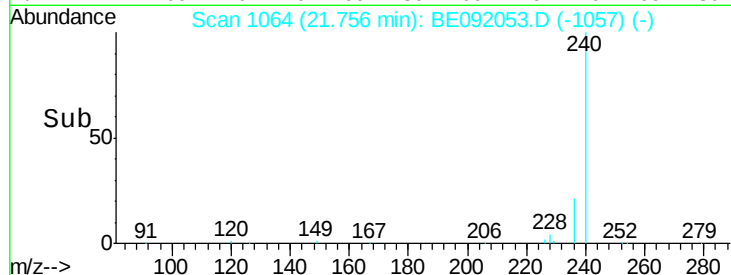
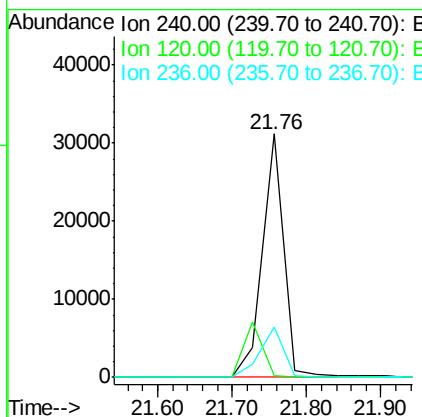
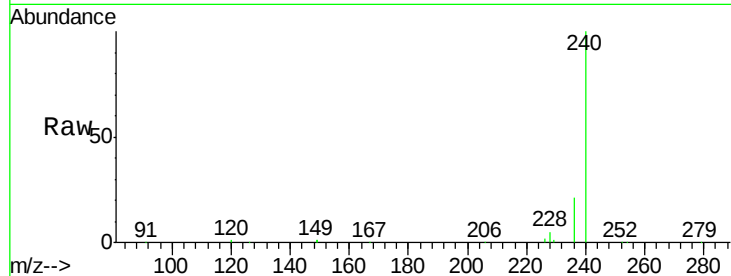
ClientSampleId :

SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
240	100		
120	0.8	0.6	1.0
236	20.8	18.2	27.4

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



#32

Benzidine

Concen: 2.42 ng

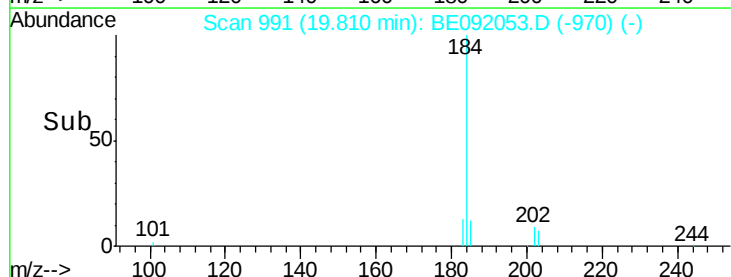
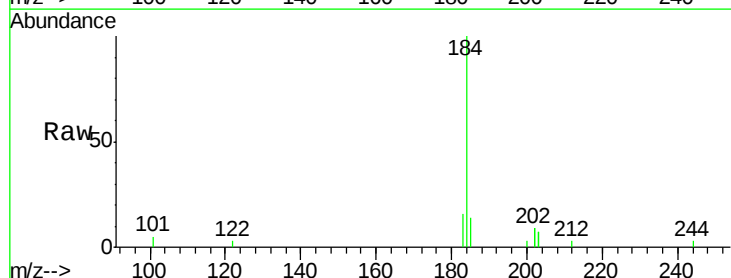
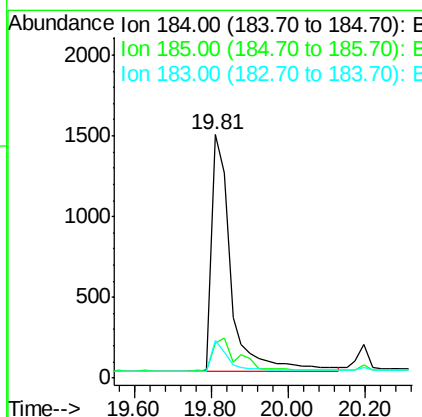
RT: 19.81 min Scan# 991

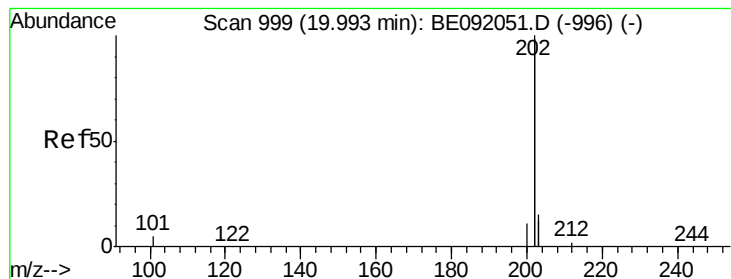
Delta R.T. -0.02 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	23.8	35.6#
183	15.6	20.7	31.1#





#33

Pyrene

Concen: 1.72 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

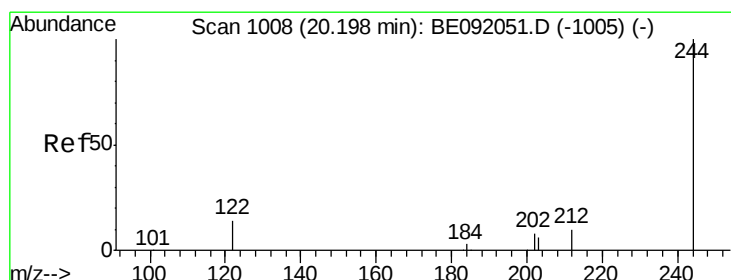
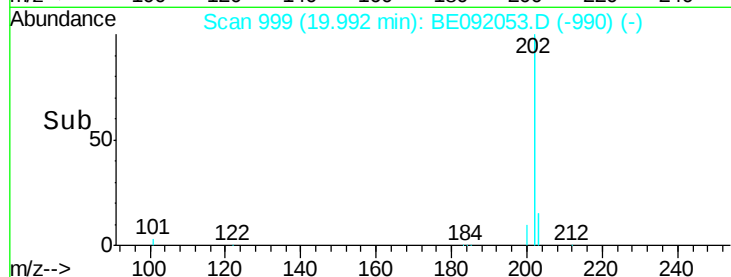
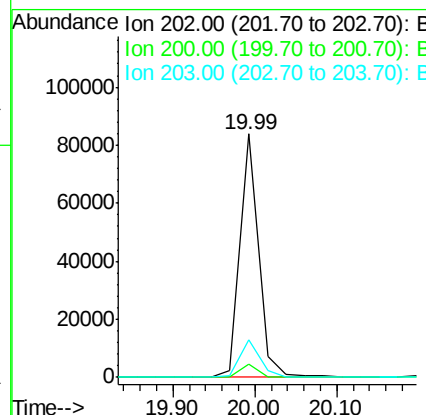
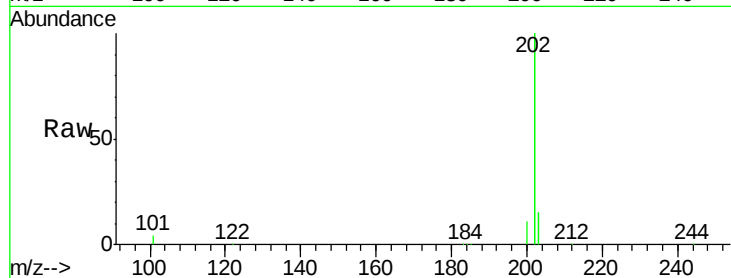
ClientSampleId :

SSTDICC1.6

Tgt Ion:	202	Resp:	128406
Ion Ratio	Lower	Upper	
202	100		
200	5.2	4.4	6.6
203	16.5	13.4	20.0

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



#34

Terphenyl-d14

Concen: 1.32 ng

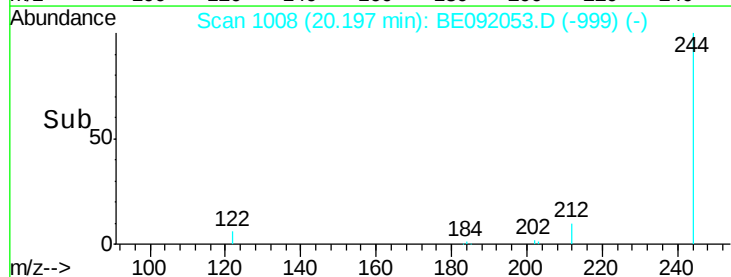
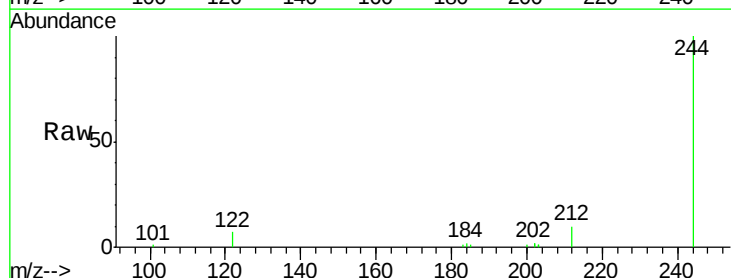
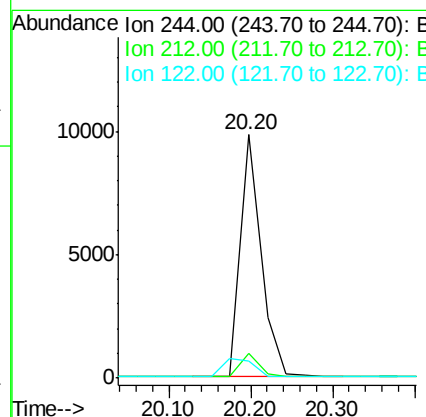
RT: 20.20 min Scan# 1008

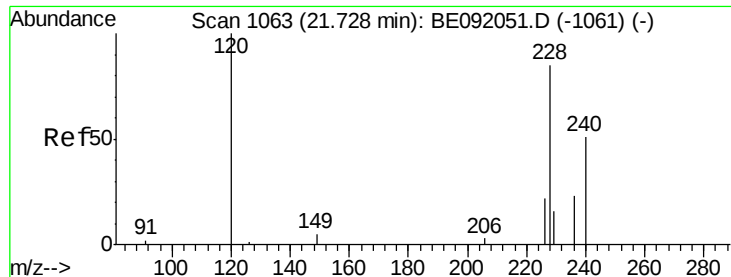
Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion:	244	Resp:	17075
Ion Ratio	Lower	Upper	
244	100		
212	10.3	9.1	13.7
122	7.0	11.0	16.4#





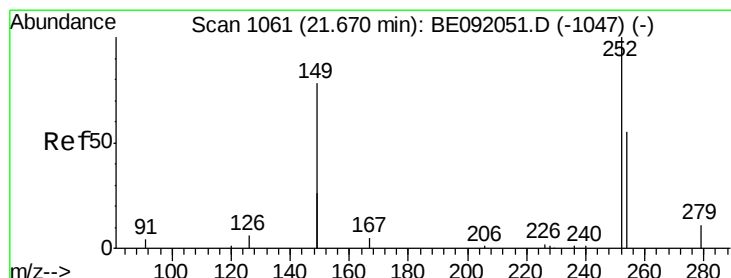
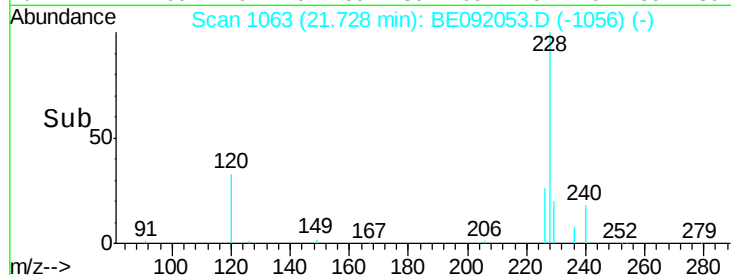
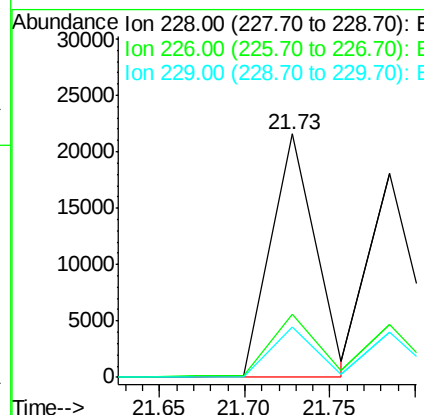
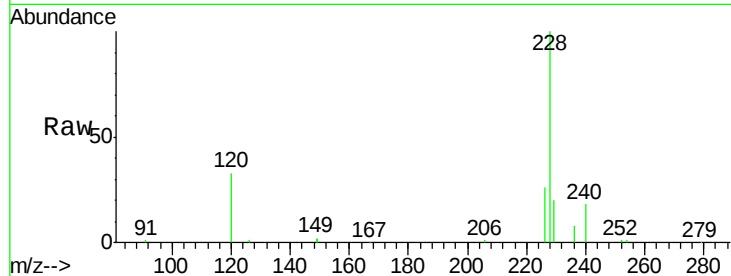
#35
Benzo(a)anthracene
Concen: 1.03 ng m
RT: 21.73 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.1	33.1
229	20.4	15.1	22.7

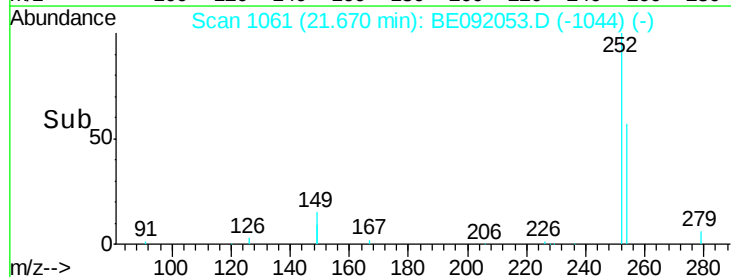
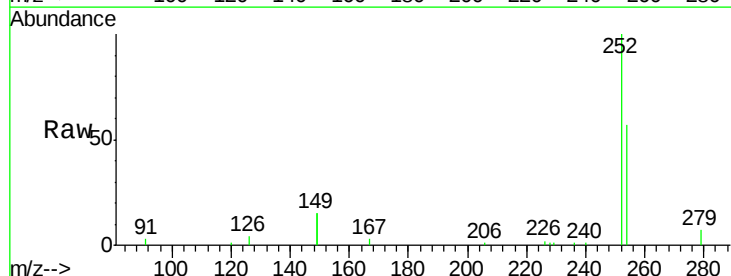
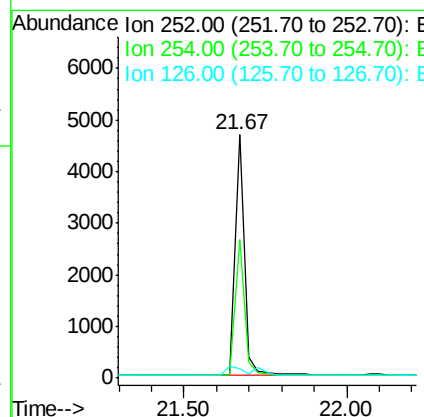
Manual Integrations
APPROVED

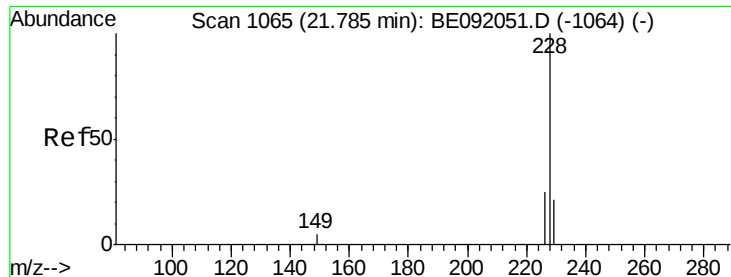
sohil
7/28/2016 5:00:13 PM



#36
3,3'-Dichlorobenzidine
Concen: 2.76 ng
RT: 21.67 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	57.1	44.2	66.2
126	3.7	10.6	15.8





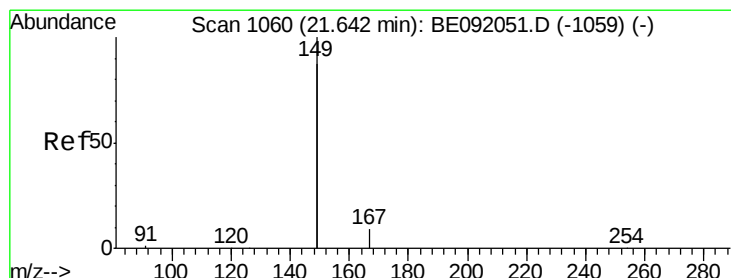
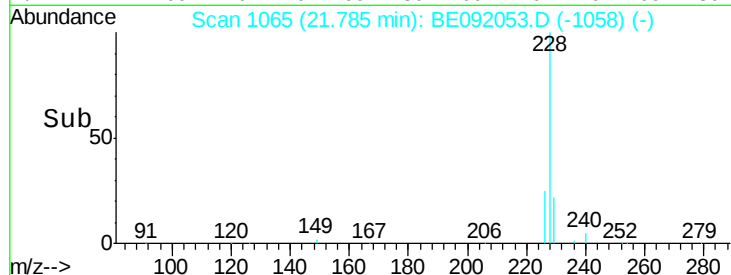
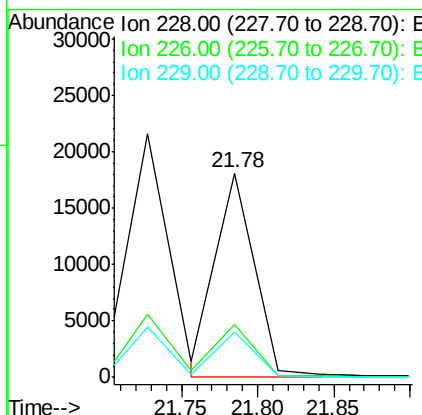
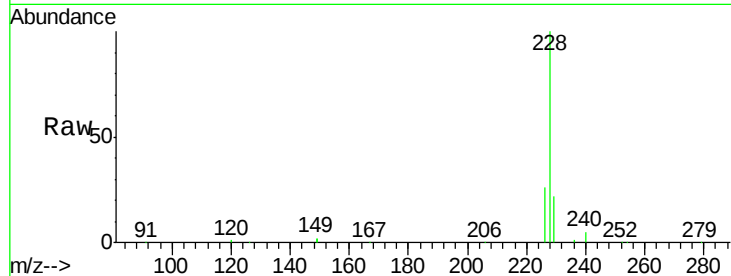
#37
 Chrysene
 Concen: 0.75 ng m
 RT: 21.78 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.3	33.5
229	22.2	16.9	25.3

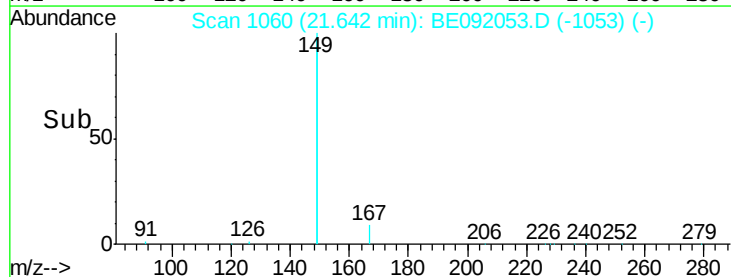
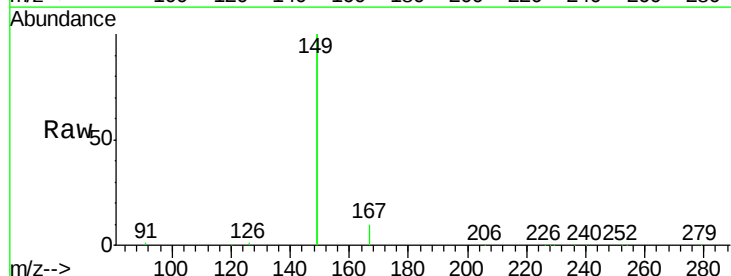
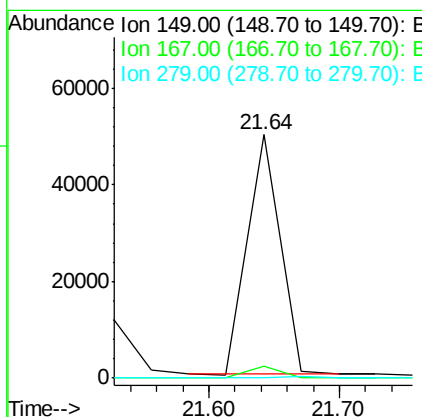
Manual Integrations
 APPROVED

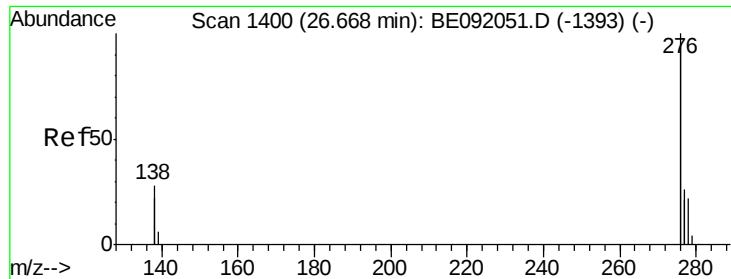
sohil
 7/28/2016 5:00:13 PM



#38
 Bis(2-ethylhexyl)phthalate
 Concen: 1.12 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	4.9	3.8	5.6
279	0.0	0.0	0.0





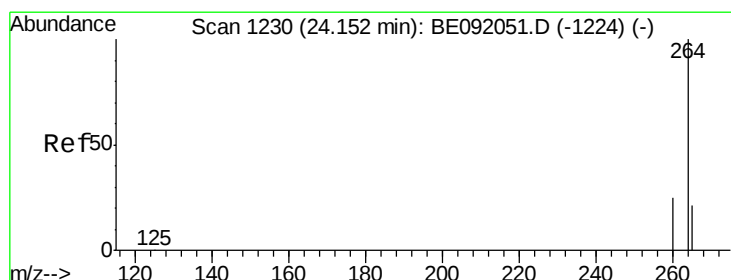
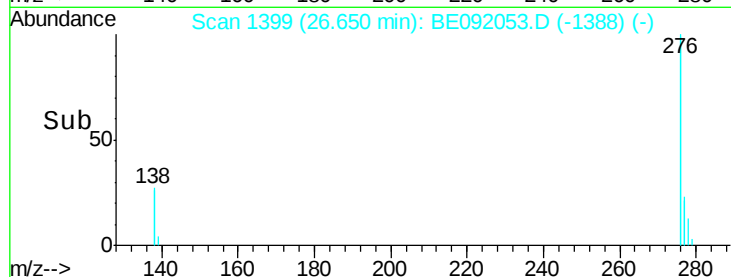
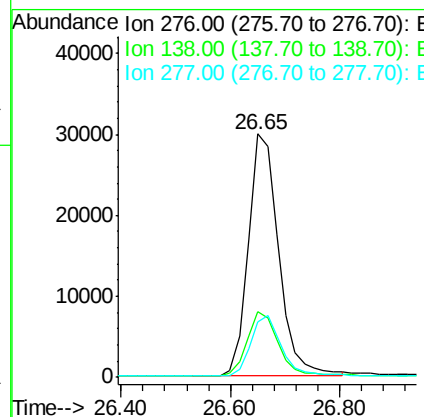
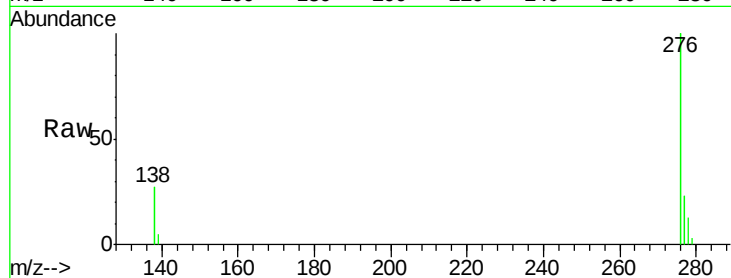
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.71 ng
 RT: 26.65 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	115098		
138	27.1	21.2	31.8	
277	24.7	19.8	29.8	

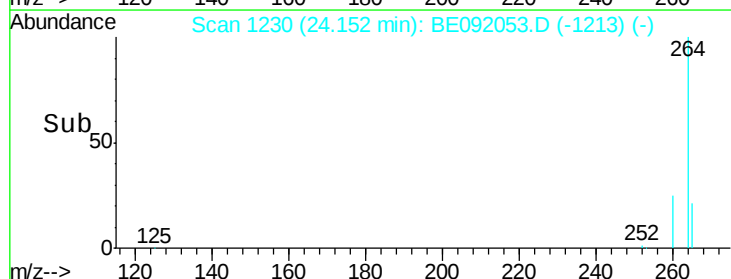
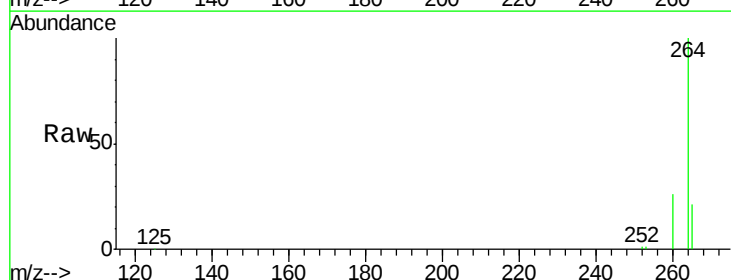
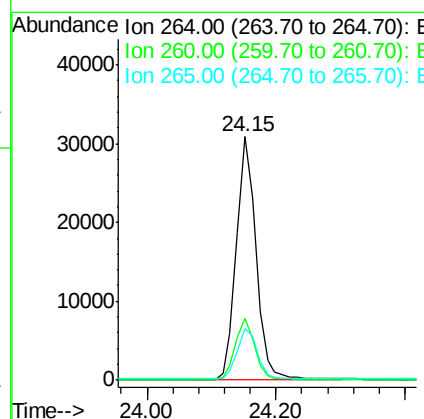
Manual Integrations
 APPROVED

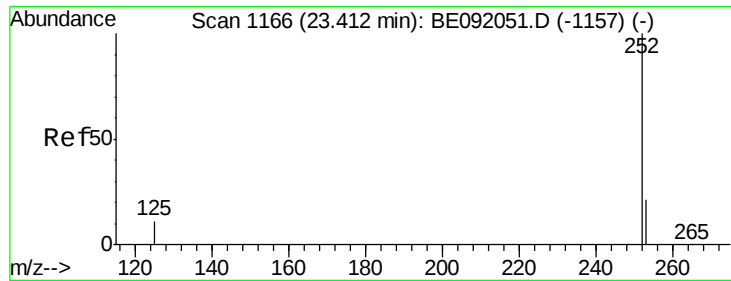
sohil
 7/28/2016 5:00:13 PM



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BE092053.D
 Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	65196		
260	25.5	20.8	31.2	
265	21.5	16.6	25.0	





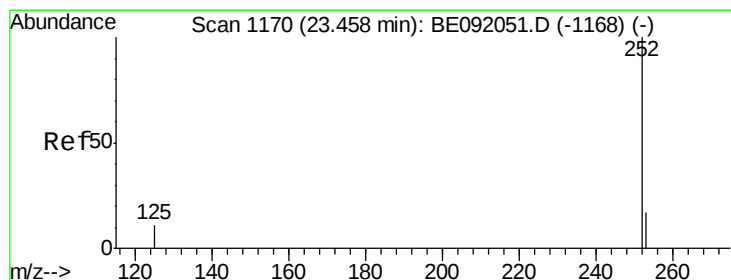
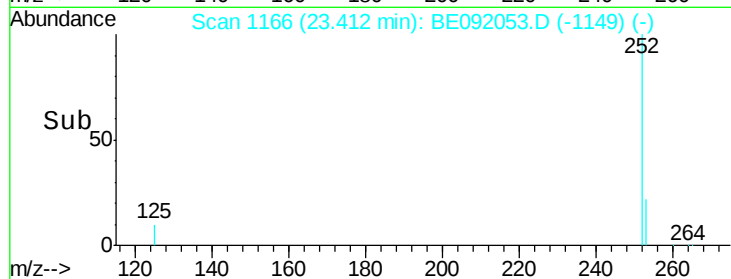
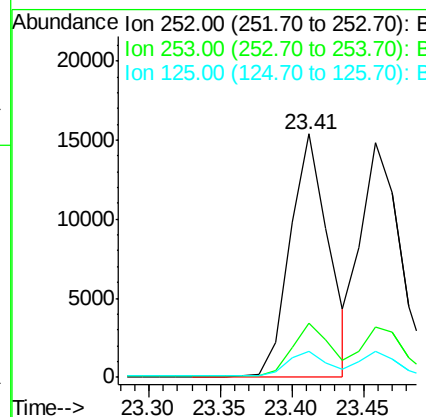
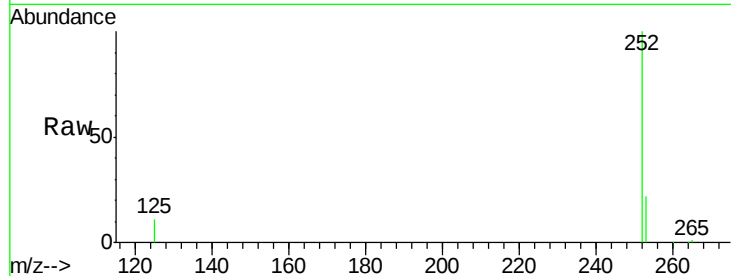
#41
Benzo(b)fluoranthene
Concen: 0.91 ng
RT: 23.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.6	10.2	15.2

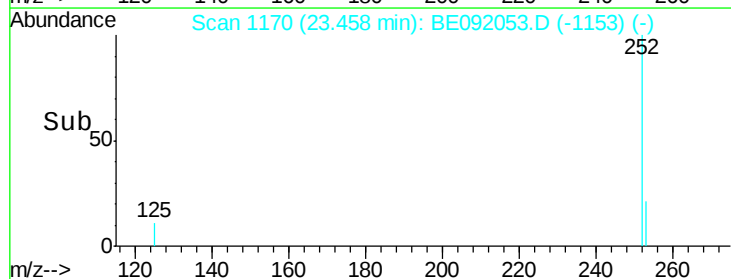
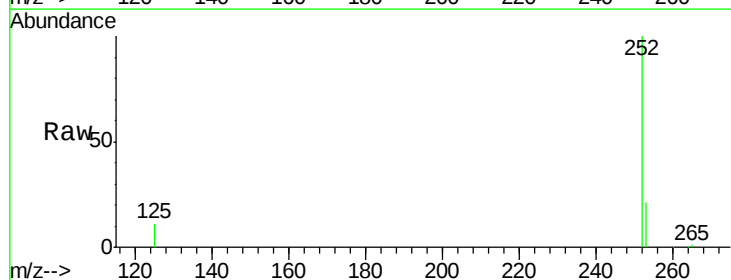
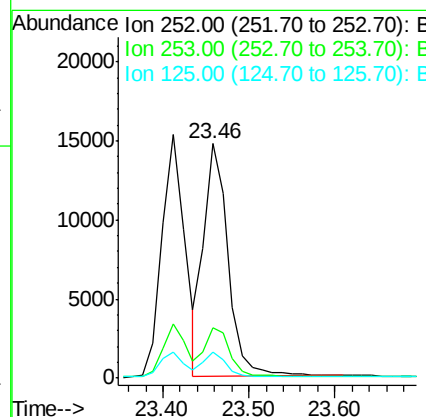
Manual Integrations
APPROVED

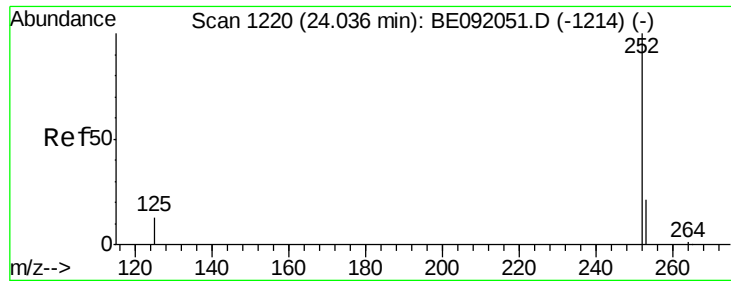
sohil
7/28/2016 5:00:13 PM



#42
Benzo(k)fluoranthene
Concen: 0.97 ng
RT: 23.46 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE092053.D
Acq: 27 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	19.4	29.0
125	11.2	8.9	13.3





#43

Benzo(a)pyrene

Concen: 1.22 ng

RT: 24.04 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

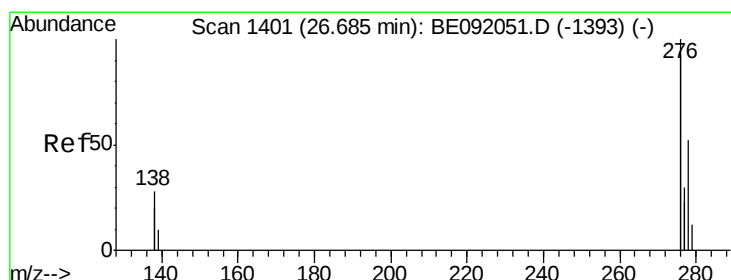
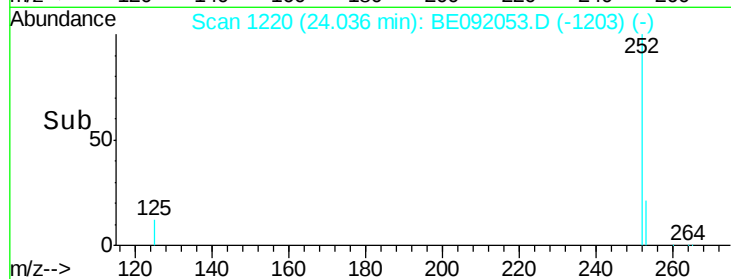
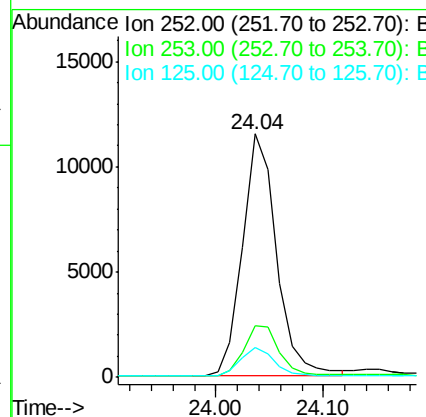
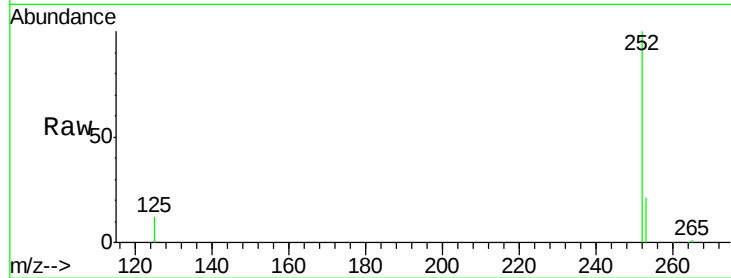
ClientSampleId :

SSTDICC1.6

Tgt Ion:	252	Resp:	25208
Ion Ratio	Lower	Upper	
252	100		
253	21.3	19.8	29.8
125	12.3	10.4	15.6

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM



#44

Dibenzo(a,h)anthracene

Concen: 1.68 ng

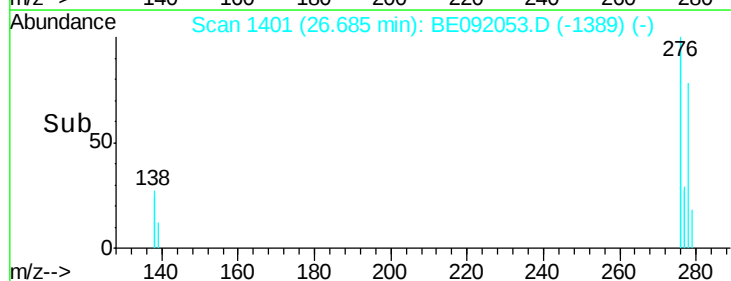
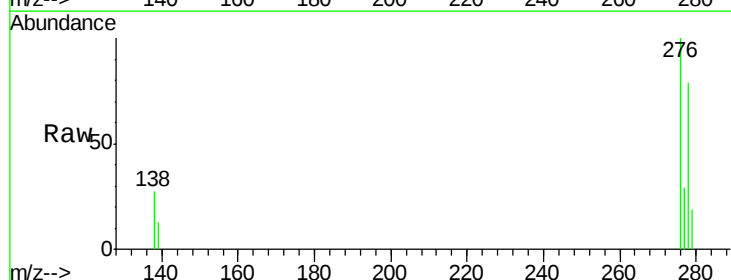
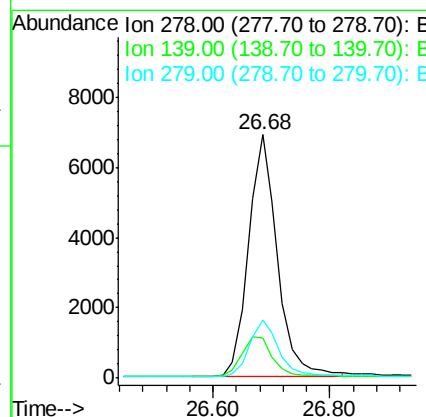
RT: 26.68 min Scan# 1401

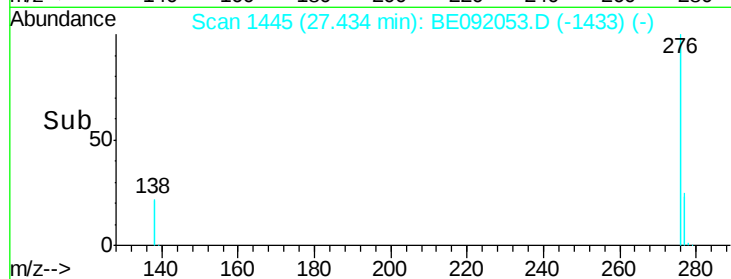
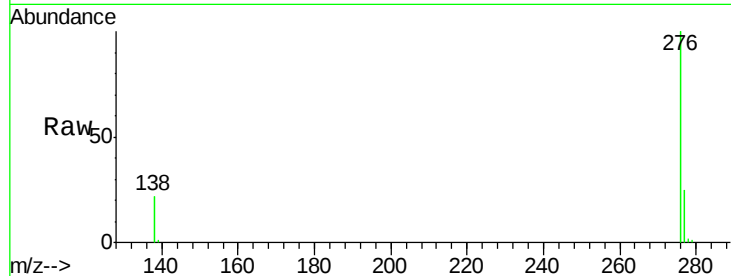
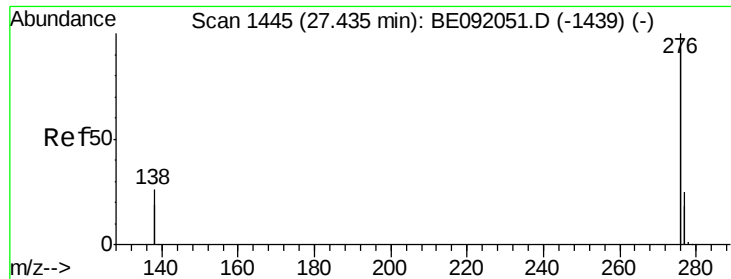
Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Tgt Ion:	278	Resp:	23637
Ion Ratio	Lower	Upper	
278	100		
139	16.5	16.7	25.1#
279	24.1	20.3	30.5





#45

Benzo(g,h,i)perylene

Concen: 1.60 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092053.D

Acq: 27 Jul 2016 12:38

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:	276	Resp:	96519
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.5	29.3
138	22.3	20.8	31.2

Manual Integrations
APPROVED

sohil
7/28/2016 5:00:13 PM

