

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091869.D
 Acq On : 25 May 2016 21:44
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:45:47 PM

Quant Time: May 26 13:43:32 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	27470	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	137667	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	87157	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	253525	5.00	ng	-0.01
31) Chrysene-d12	21.29	240	268009	5.00	ng	0.00
40) Perylene-d12	23.71	264	241295	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2807	0.36	ng	0.00
5) Phenol-d6	6.95	99	3810	0.37	ng	0.00
9) Nitrobenzene-d5	8.94	82	3996	0.36	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	1238	0.32	ng	0.00
17) 2-Fluorobiphenyl	13.03	172	10006	0.39	ng	0.00
34) Terphenyl-d14	19.74	244	16629	0.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	1425	0.42	ng	98
3) n-Nitrosodimethylamine	3.63	42	1719	0.34	ng	# 99
6) bis(2-Chloroethyl)ether	7.20	93	3206	0.37	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	2827	0.35	ng	# 95
10) Nitrobenzene	8.96	77	3957	0.36	ng	# 99
11) bis(2-Chloroethoxy)methane	9.98	93	4691m	0.36	ng	
12) Naphthalene	10.61	128	11513	0.39	ng	99
13) Hexachlorobutadiene	10.90	225	1739	0.38	ng	100
14) 2-Methylnaphthalene	12.22	142	7713	0.39	ng	96
18) Acenaphthylene	14.10	152	15809	0.39	ng	97
19) 2,6-Dinitrotoluene	13.96	165	1930	0.32	ng	99
20) Acenaphthene	14.44	154	9025	0.40	ng	100
21) 2,4-Dinitrotoluene	14.76	165	1995	0.44	ng	# 99
22) Fluorene	15.44	166	11566	0.38	ng	100
23) 4-Chlorophenyl-phenylether	15.44	204	5647	0.34	ng	98
25) 4-Bromophenyl-phenylether	16.31	248	3481	0.38	ng	98
26) Hexachlorobenzene	16.44	284	3512	0.41	ng	99
27) Pentachlorophenol	16.78	266	1201	0.36	ng	87
28) Phenanthrene	17.17	178	20841	0.37	ng	99
29) Anthracene	17.26	178	19273	0.38	ng	99
30) Fluoranthene	19.17	202	22601	0.33	ng	99
32) Benzidine	19.36	184	8450	0.45	ng	98
33) Pyrene	19.53	202	24505	0.43	ng	99
35) Benzo(a)anthracene	21.27	228	27536m	0.39	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	15012	0.38	ng	99
37) Chrysene	21.31	228	26060m	0.32	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	10323	0.40	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	26163	0.39	ng	99
41) Benzo(b)fluoranthene	22.96	252	23073	0.35	ng	100
42) Benzo(k)fluoranthene	23.01	252	24357	0.41	ng	95
43) Benzo(a)pyrene	23.60	252	22361	0.38	ng	99
44) Dibenzo(a,h)anthracene	26.28	278	21556	0.38	ng	99
45) Benzo(a,h,i)perylene	27.05	276	22080	0.38	ng	99

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091869.D
Acq On : 25 May 2016 21:44
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

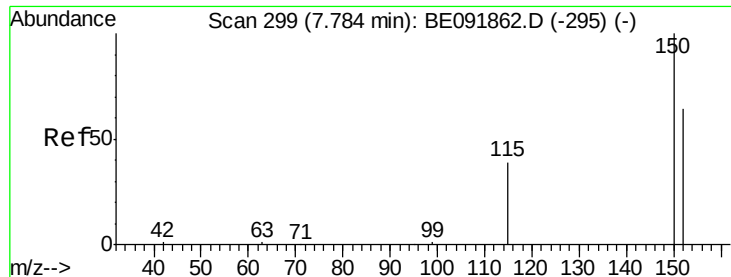
Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM

Quant Time: May 26 13:43:32 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 19:42:30 2016
Response via : Initial Calibration

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

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:152 Resp: 27470

Ion Ratio Lower Upper

152 100

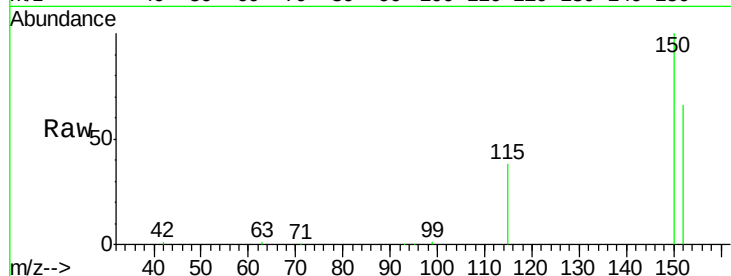
150 150.9 123.9 185.9

115 57.2 48.3 72.5

Manual Integrations
APPROVED

sohil

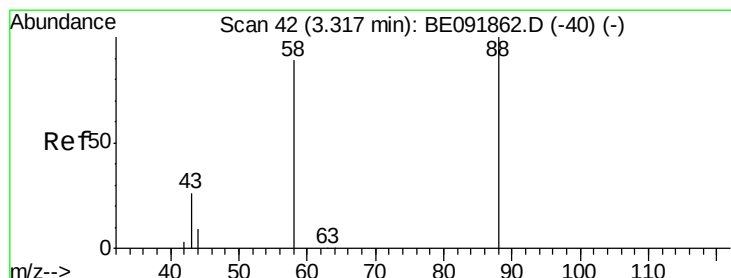
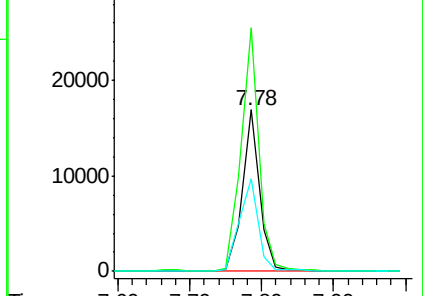
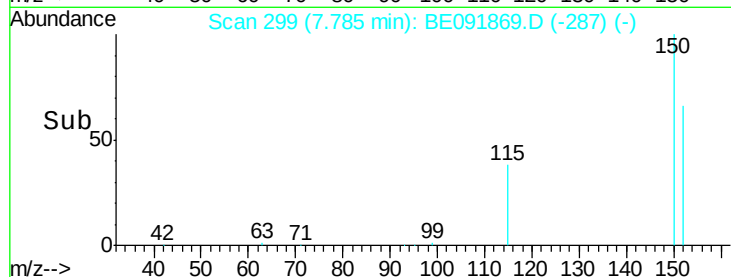
5/26/2016 6:45:47 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.31 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

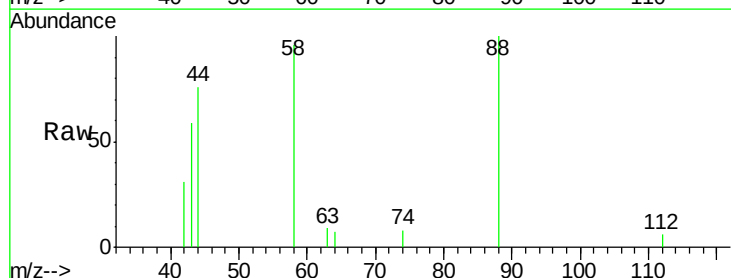
Tgt Ion: 88 Resp: 1425

Ion Ratio Lower Upper

88 100

58 77.5 63.0 94.4

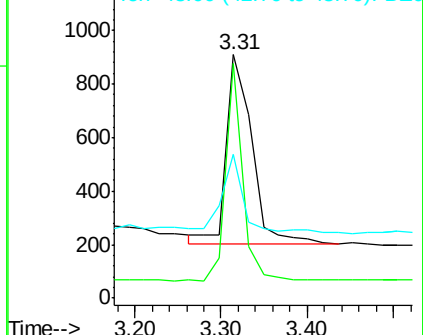
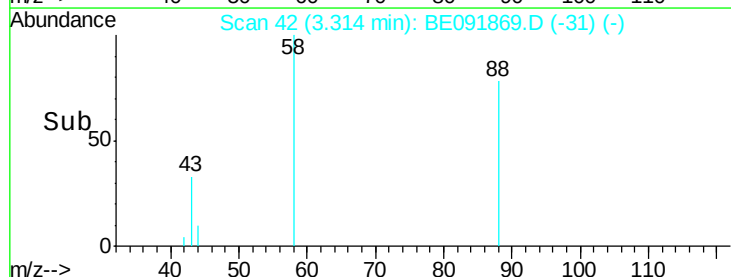
43 38.9 29.1 43.7

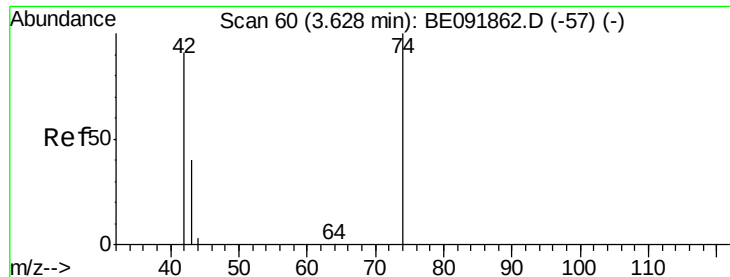


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

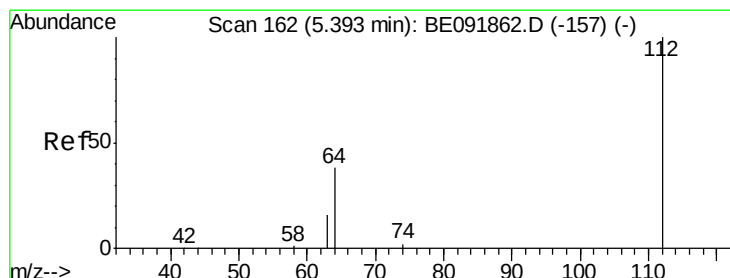
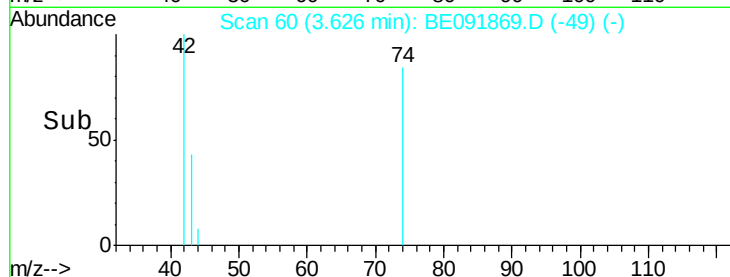
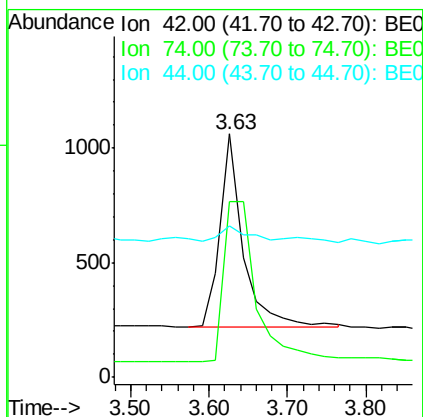
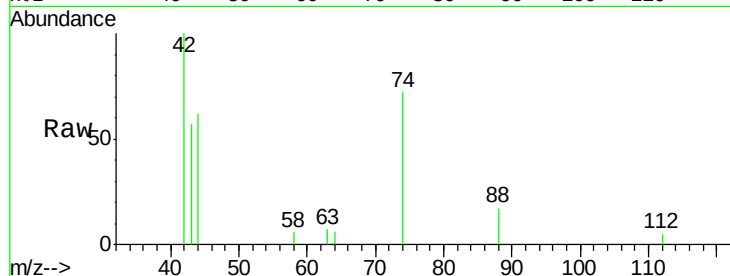
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	117.5	93.4	140.0
44	9.5	5.0	7.6#

Manual Integrations
APPROVED

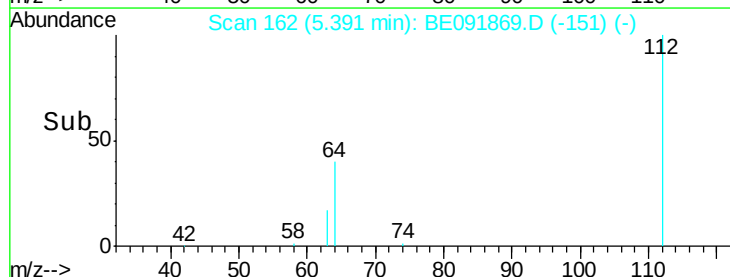
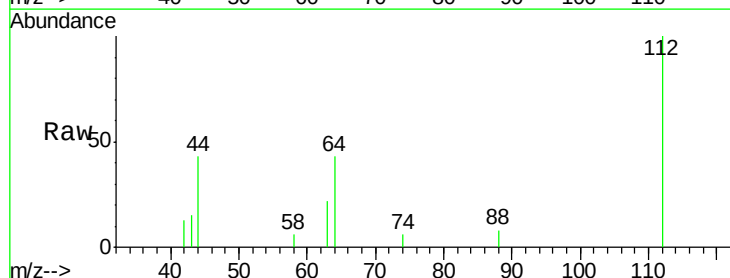
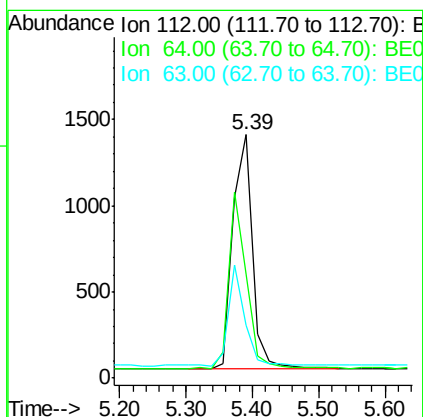
sohil
5/26/2016 6:45:47 PM

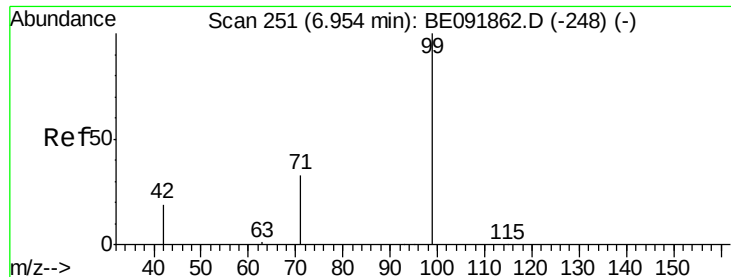


#4

2-Fluorophenol
Concen: 0.36 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.7	80.5
63	36.6	29.5	44.3





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

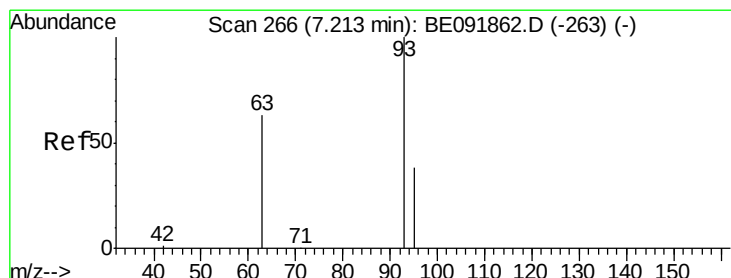
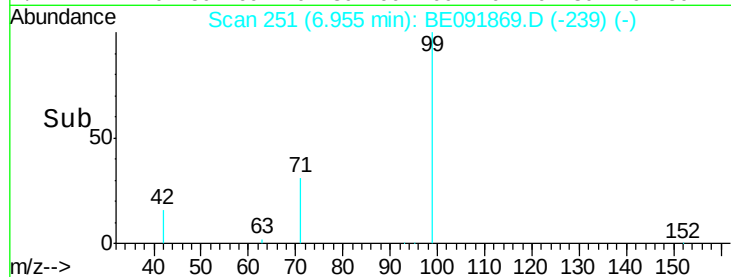
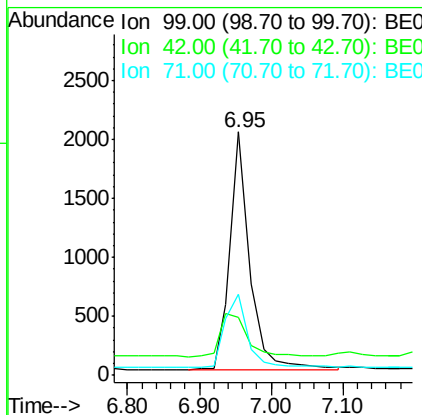
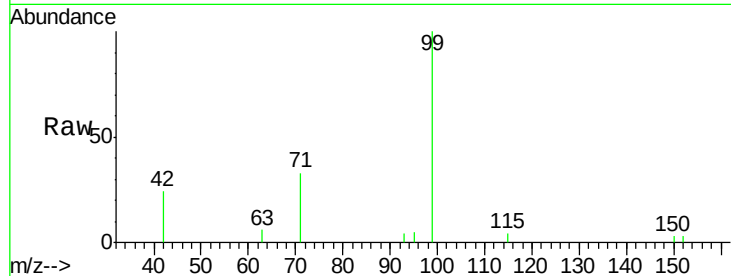
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	3810
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.6	29.4
71	36.4	28.1	42.1

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

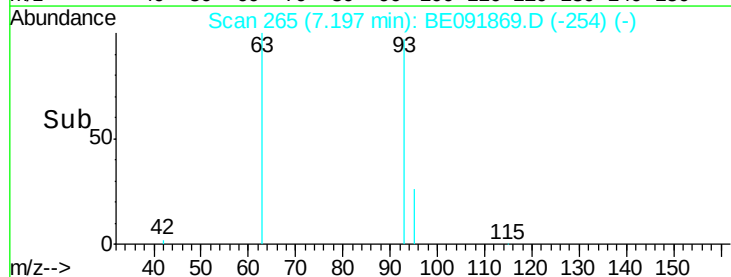
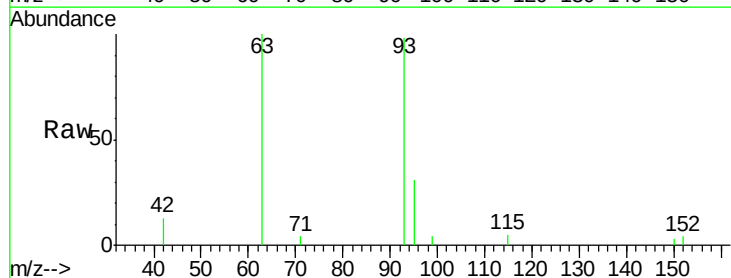
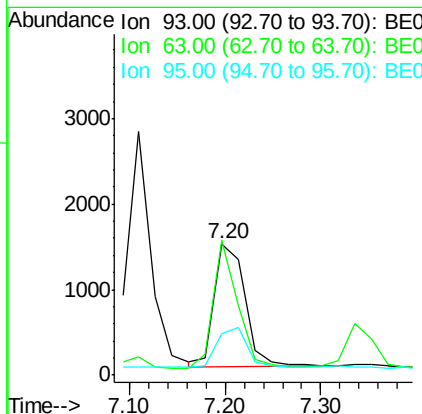
RT: 7.20 min Scan# 265

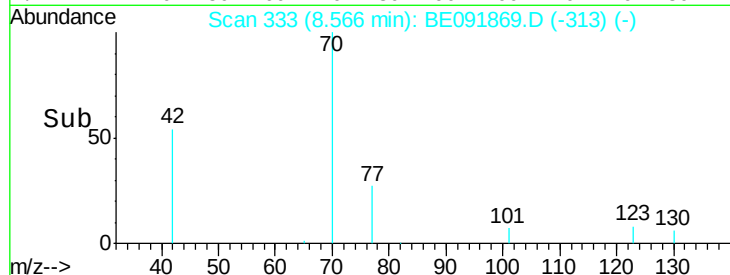
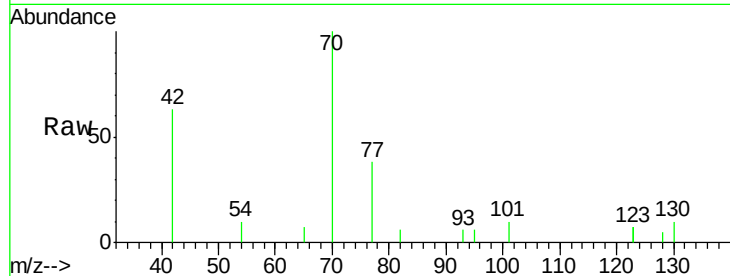
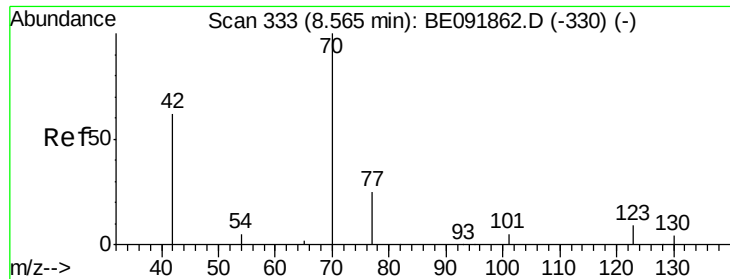
Delta R.T. -0.02 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion:	93	Resp:	3206
Ion	Ratio	Lower	Upper
93	100		
63	84.3	66.2	99.4
95	32.0	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.35 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	58.4	87.6
101	8.6	6.4	9.6
130	0.0	0.0	0.0

Instrument :

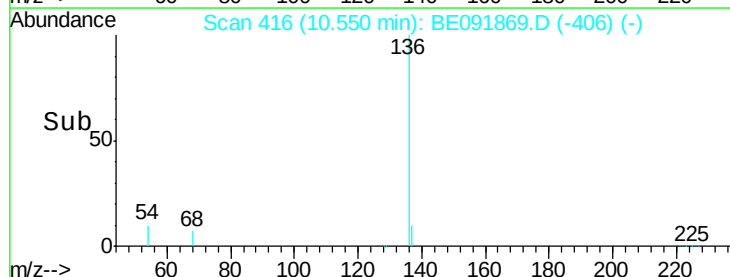
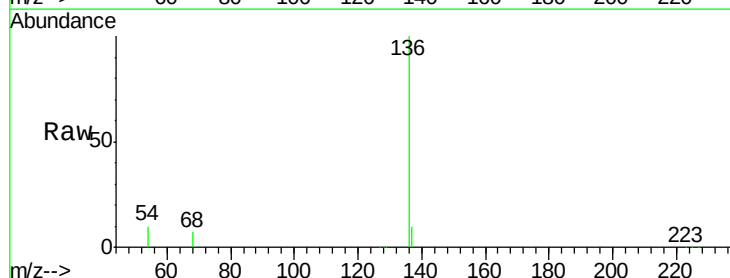
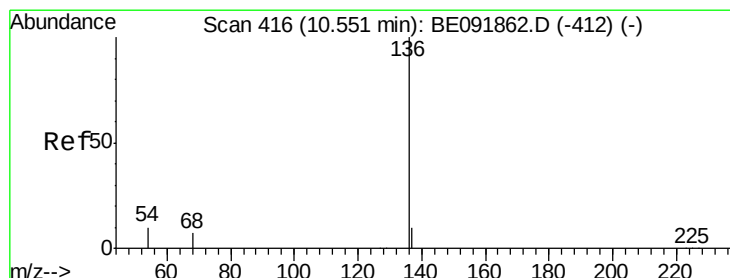
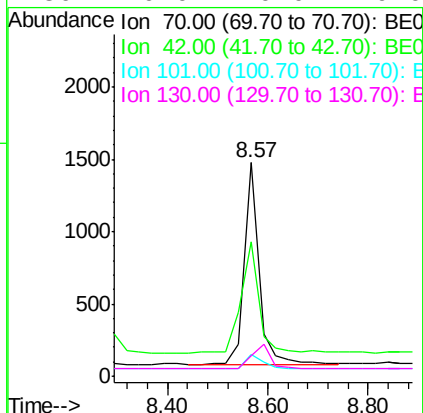
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



#8

Naphthalene-d8

Concen: 5.00 ng

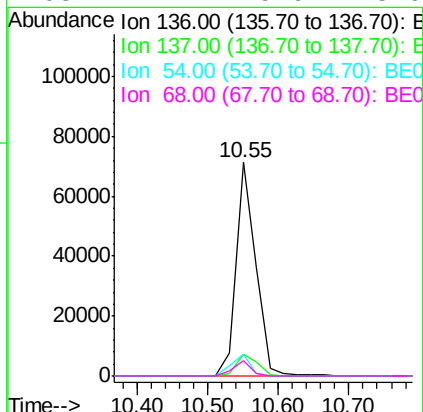
RT: 10.55 min Scan# 416

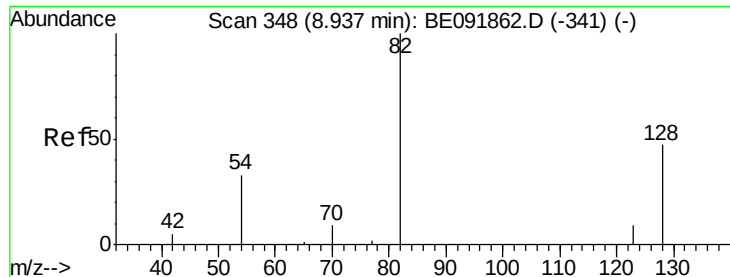
Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	10.3	8.2	12.4
68	7.4	5.9	8.9





#9

Nitrobenzene-d5

Concen: 0.36 ng

RT: 8.94 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

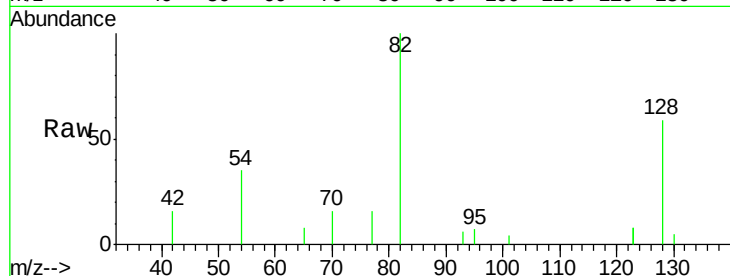
ClientSampleId :

SSTDCCC0.4

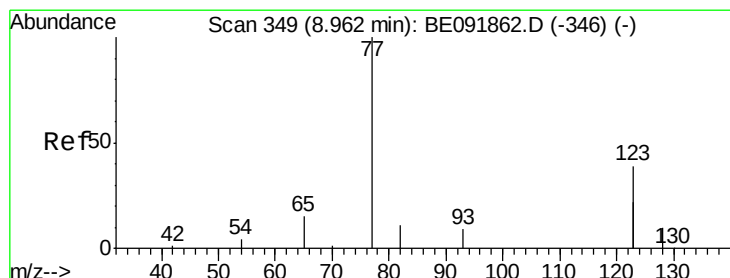
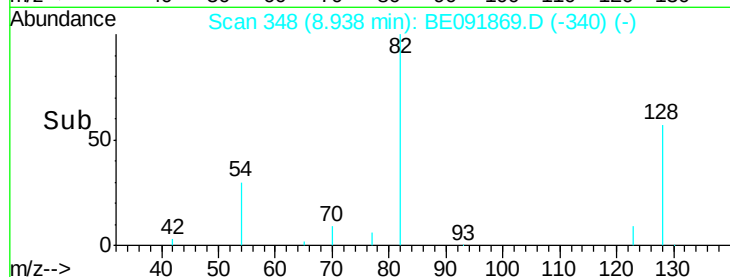
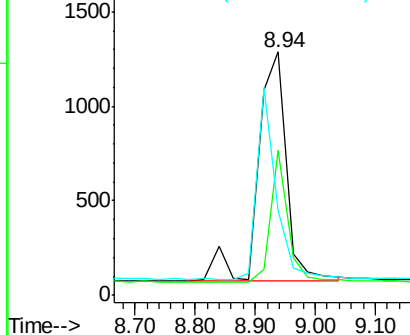
Tot Ion:	82	Resp:	3996
Ion	Ratio	Lower	Upper
82	100		
128	59.5	39.5	59.3#
54	34.8	30.3	45.5

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.36 ng

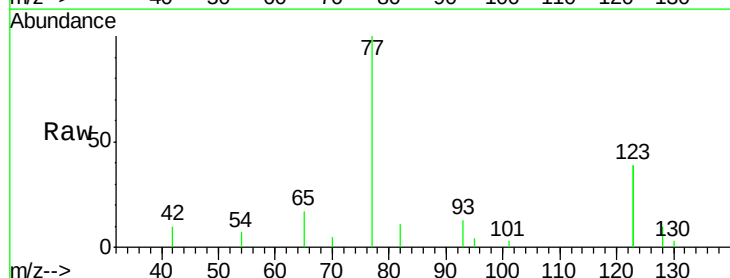
RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

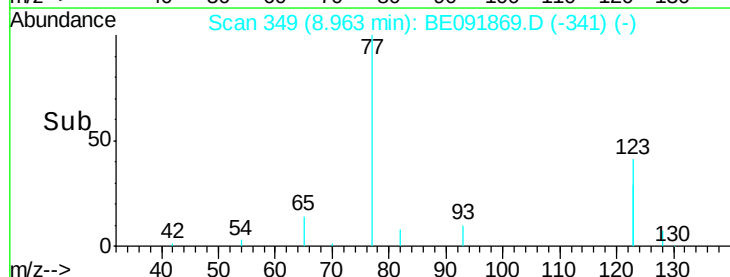
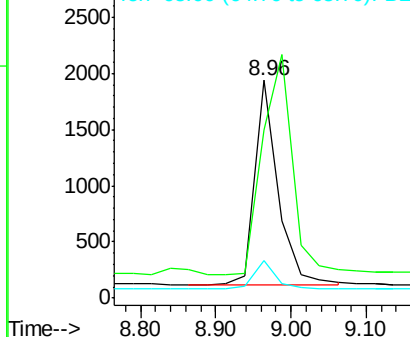
Lab File: BE091869.D

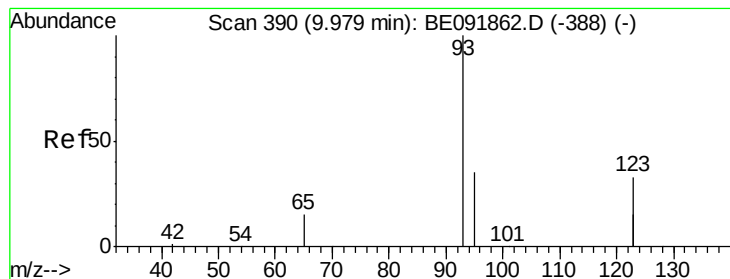
Acq: 25 May 2016 21:44

Tgt Ion:	77	Resp:	3957
Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	13.3	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.36 ng/mL

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion: 93 Resp: 4691

Ion Ratio Lower Upper

93 100

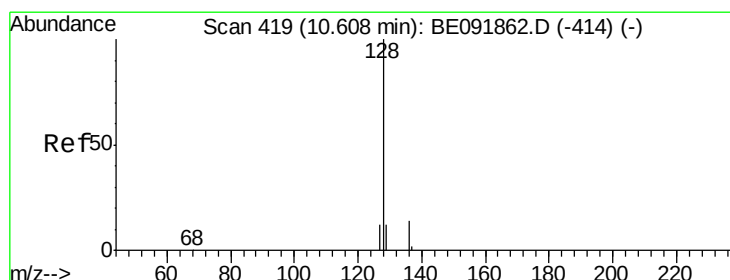
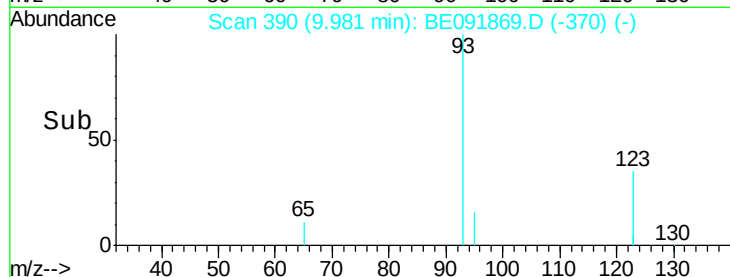
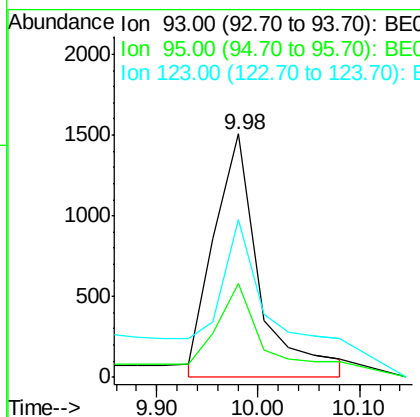
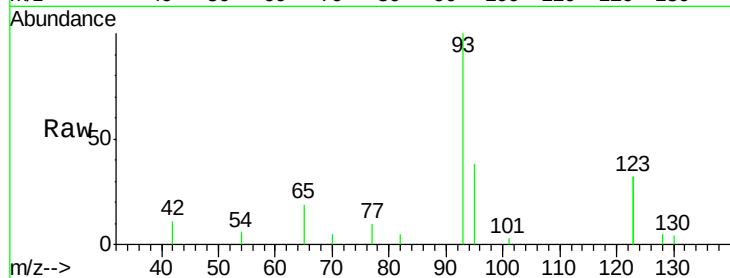
95 54.4 57.6 86.4#

123 93.1 100.2 150.4#

Manual Integrations
APPROVED

sohil

5/26/2016 6:45:47 PM



#12

Naphthalene

Concen: 0.39 ng/mL

RT: 10.61 min Scan# 419

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

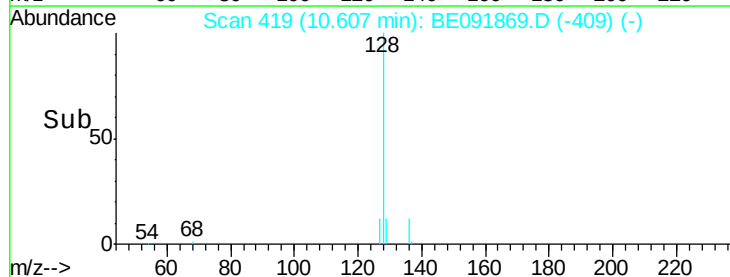
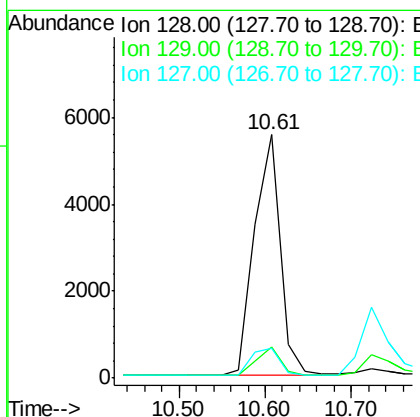
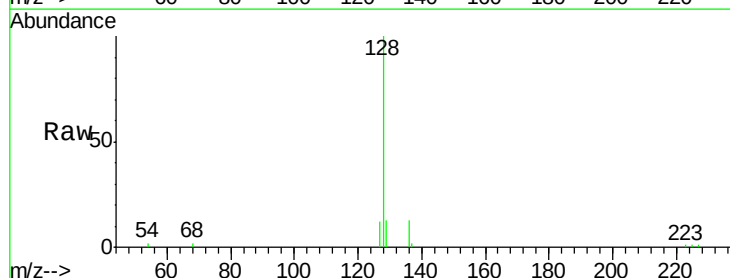
Tgt Ion: 128 Resp: 11513

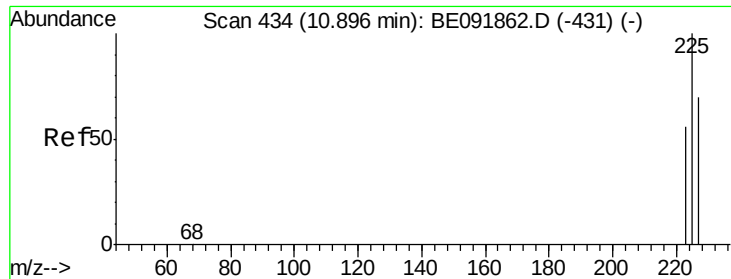
Ion Ratio Lower Upper

128 100

129 12.6 10.4 15.6

127 12.4 10.2 15.2





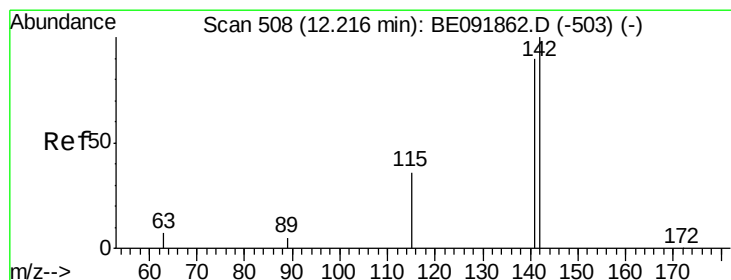
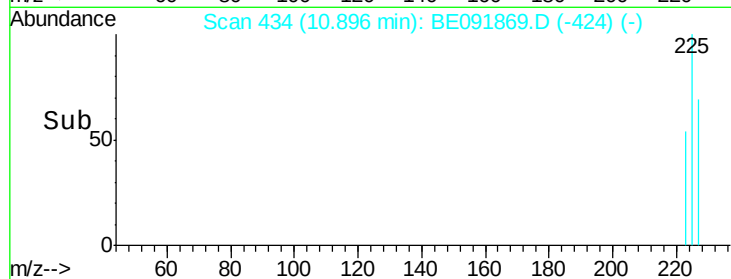
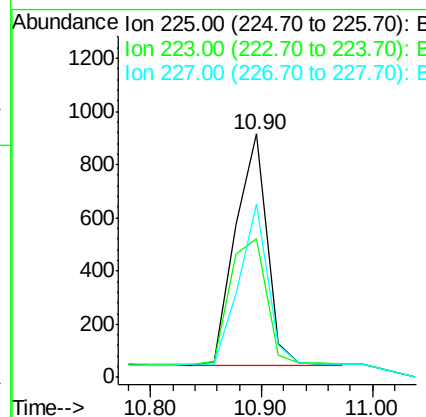
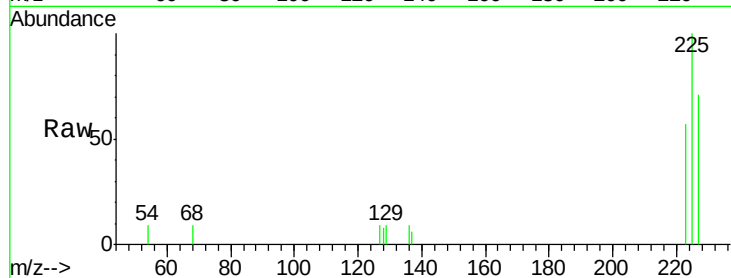
#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	63.7	50.6	75.8

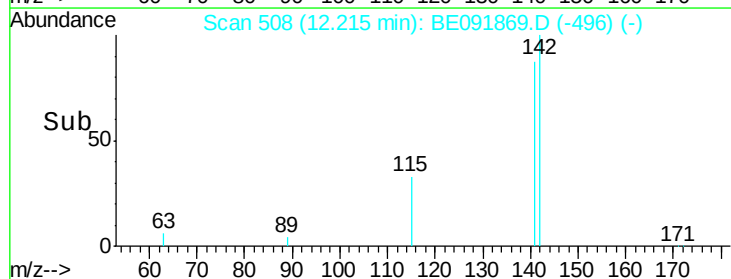
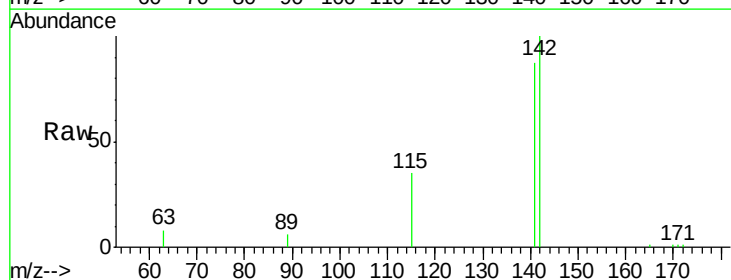
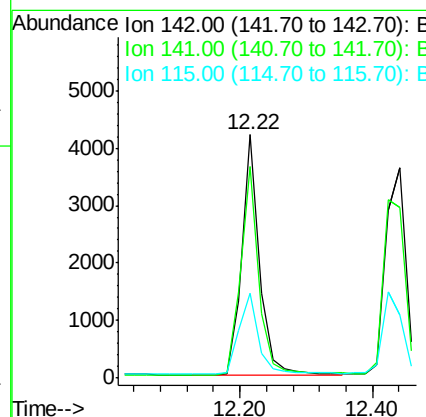
Manual Integrations
APPROVED

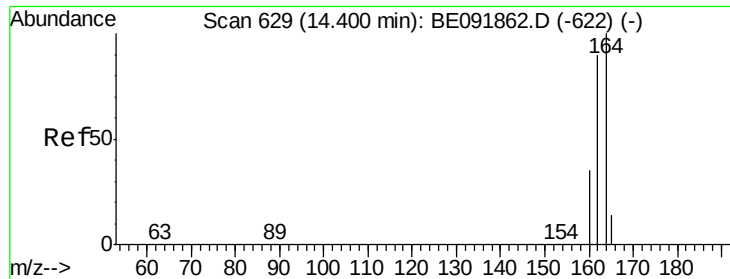
sohil
5/26/2016 6:45:47 PM



#14
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.22 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.9	107.9
115	34.7	29.9	44.9





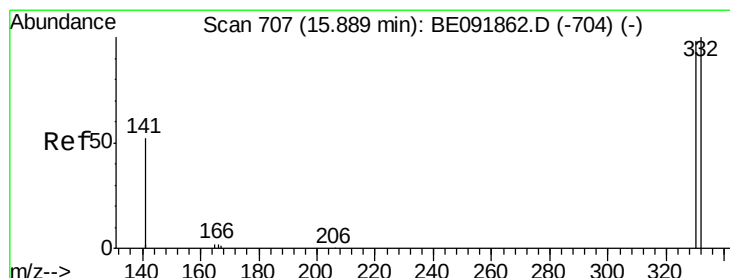
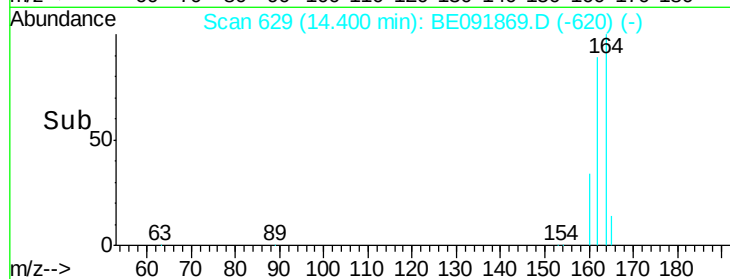
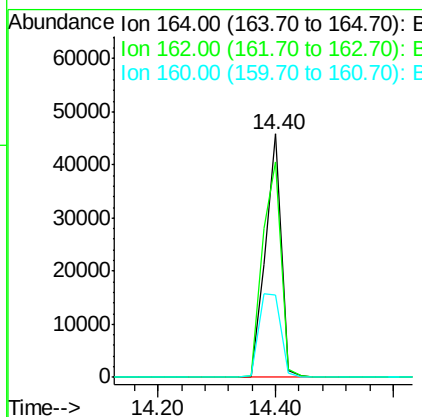
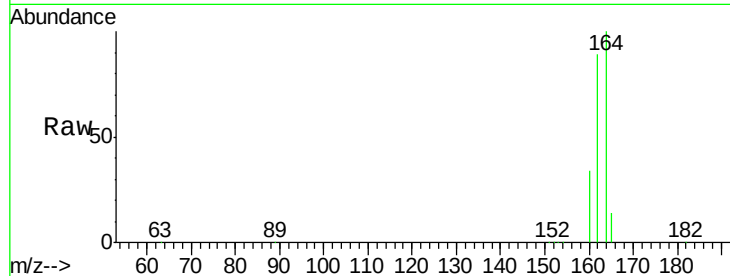
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 629
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	88.5	71.8	107.8
160	33.8	28.0	42.0

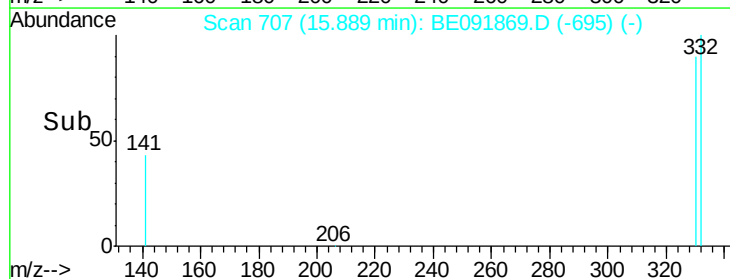
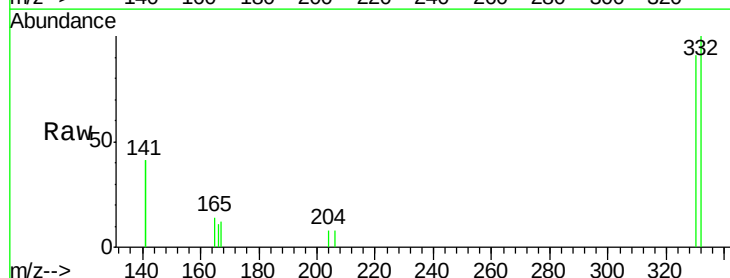
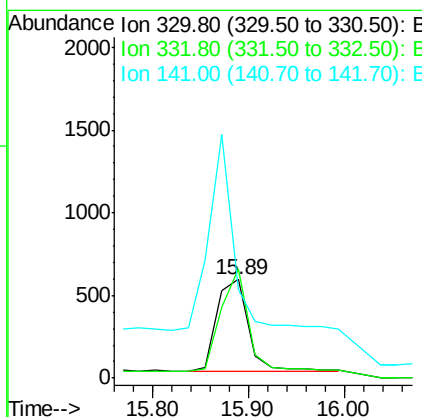
Manual Integrations
APPROVED

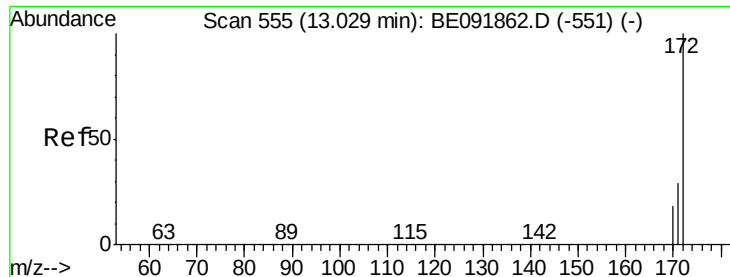
sohil
5/26/2016 6:45:47 PM



#16
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.89 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	171.1	138.4	207.6





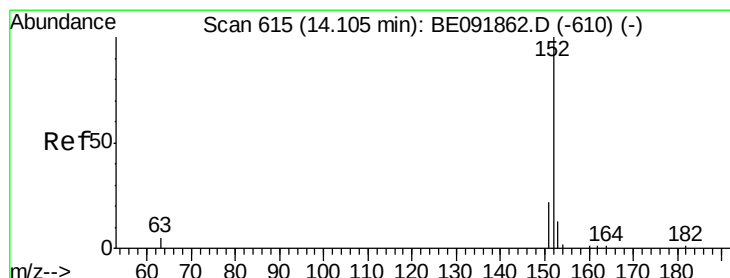
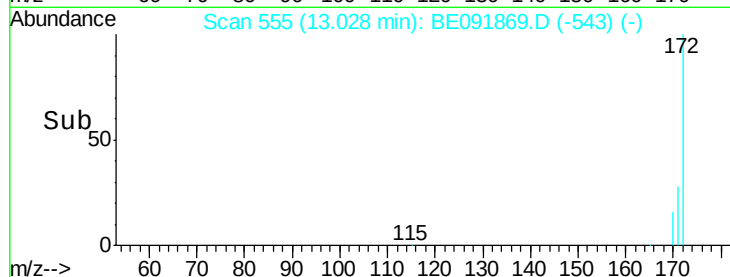
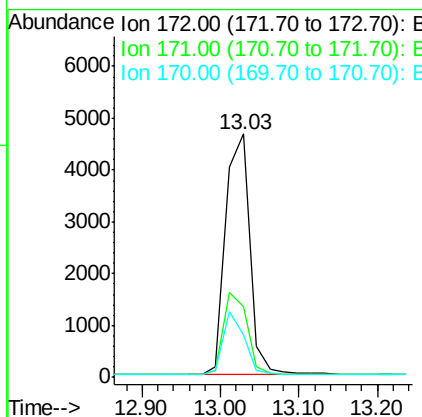
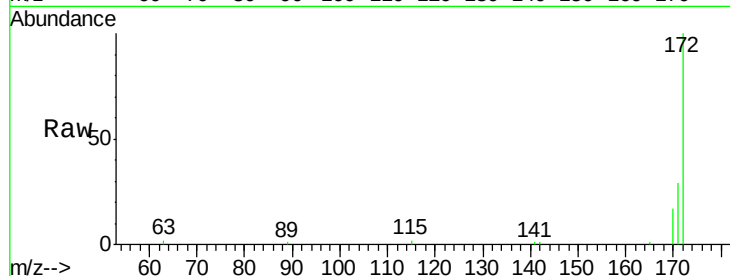
#17
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	29.2	24.3	36.5
170	17.3	14.9	22.3

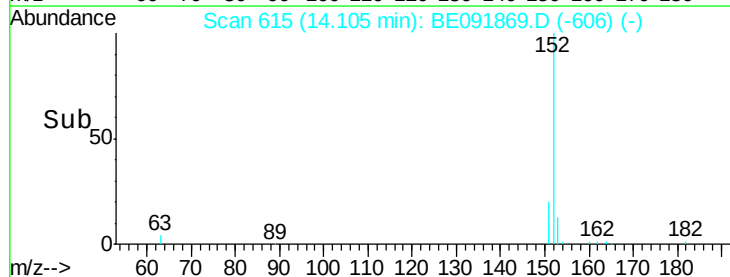
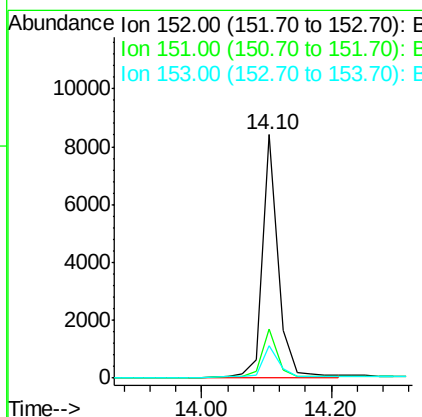
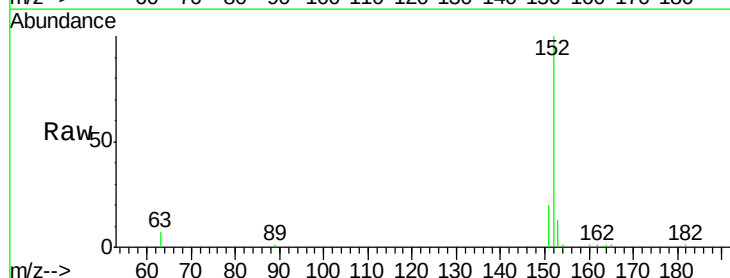
Manual Integrations
APPROVED

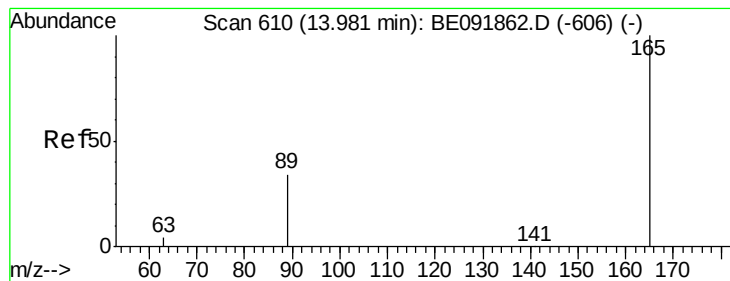
sohil
5/26/2016 6:45:47 PM



#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.10 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	19.4	29.2
153	17.0	14.4	21.6





#19

2,6-Dinitrotoluene

Concen: 0.32 ng

RT: 13.96 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

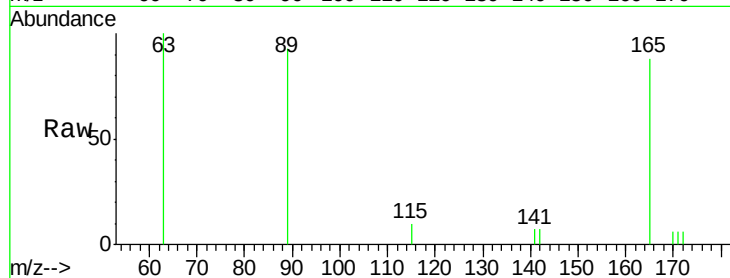
ClientSampleId :

SSTDCCC0.4

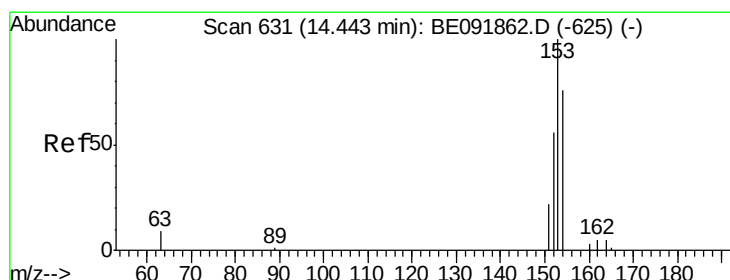
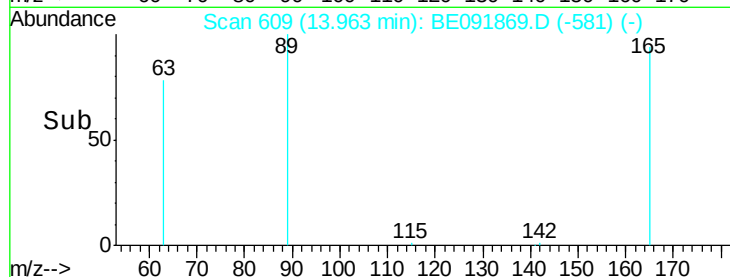
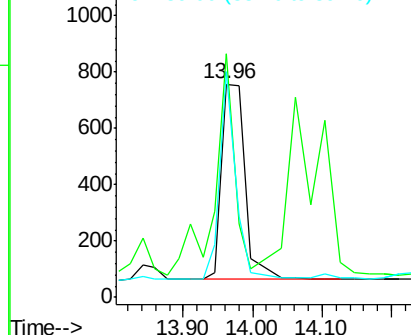
Tot Ion:	165	Resp:	1930
Ion Ratio	Lower	Upper	
165	100		
63	82.7	65.9	98.9
89	74.7	59.1	88.7

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



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



#20

Acenaphthene

Concen: 0.40 ng

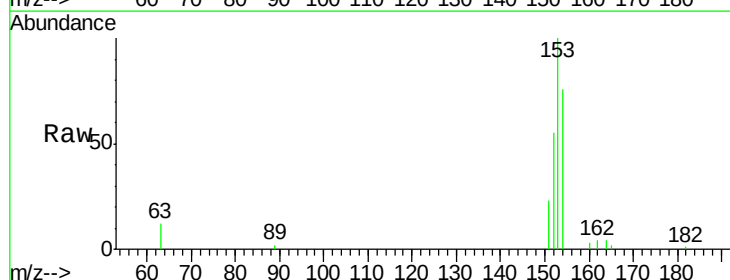
RT: 14.44 min Scan# 631

Delta R.T. 0.00 min

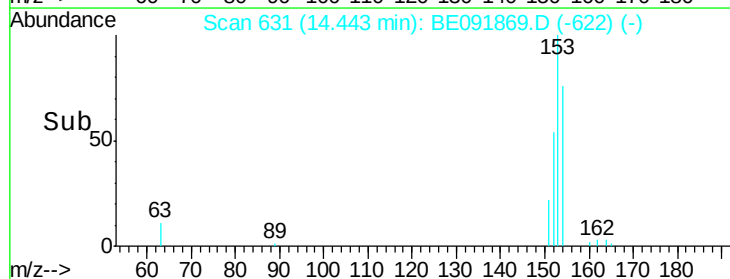
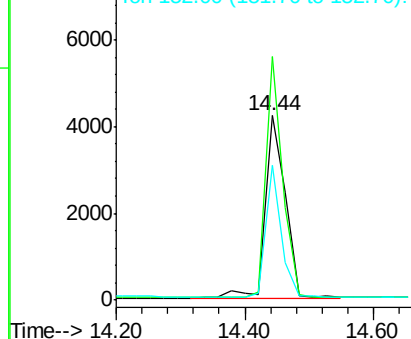
Lab File: BE091869.D

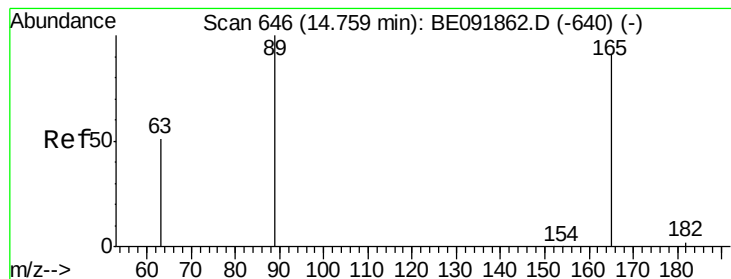
Acq: 25 May 2016 21:44

Tgt Ion:	154	Resp:	9025
Ion Ratio	Lower	Upper	
154	100		
153	110.6	88.1	132.1
152	55.3	44.2	66.2



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





#21

2,4-Dinitrotoluene

Concen: 0.44 ng

RT: 14.76 min Scan# 646

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

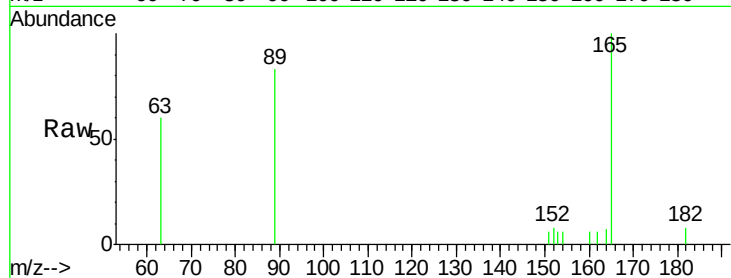
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	123.4	99.8	149.8
182	0.0	0.0	0.0

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM

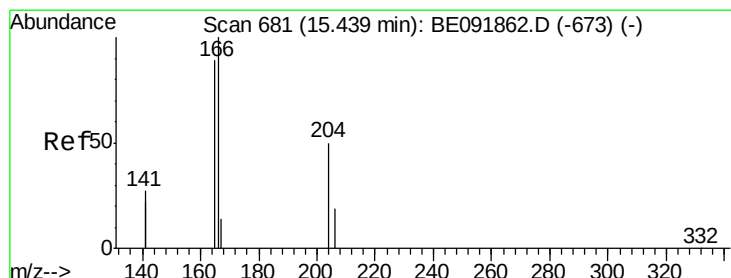
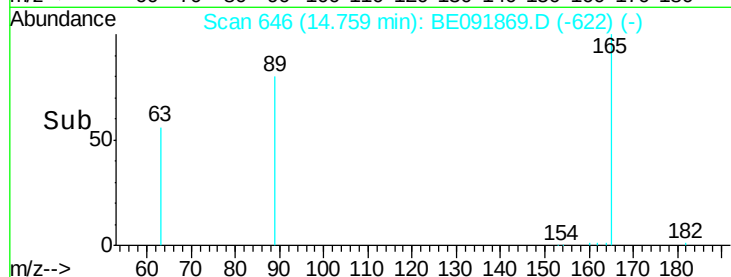
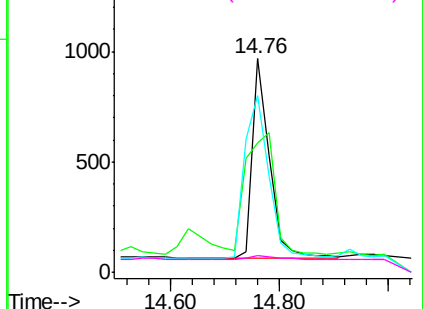


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.38 ng

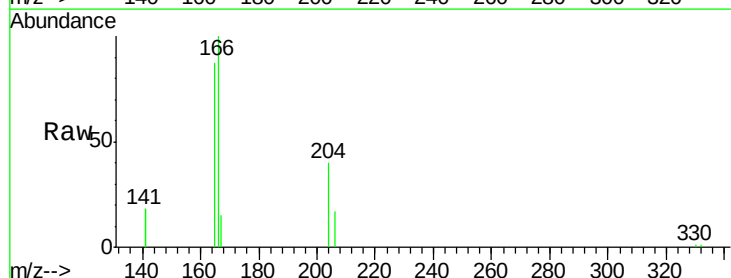
RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

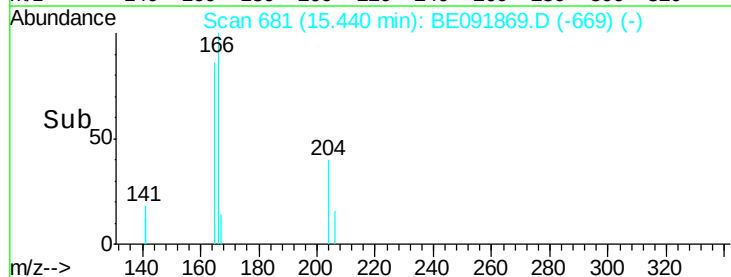
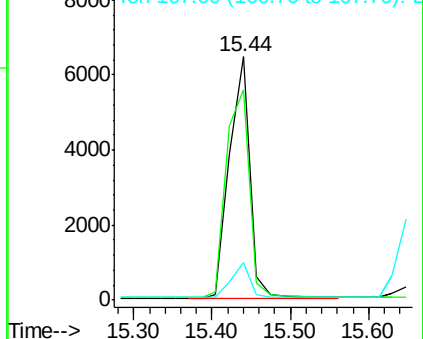
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.6	10.8	16.2

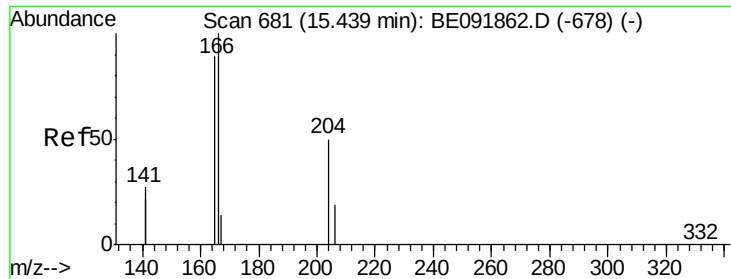


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





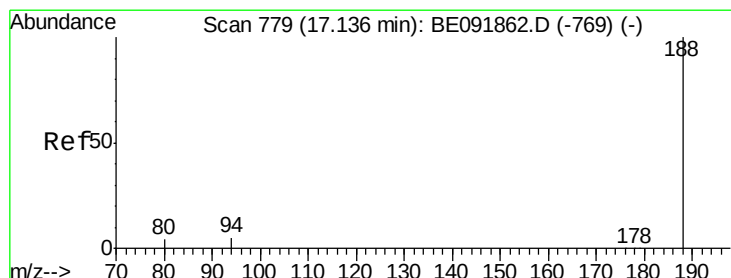
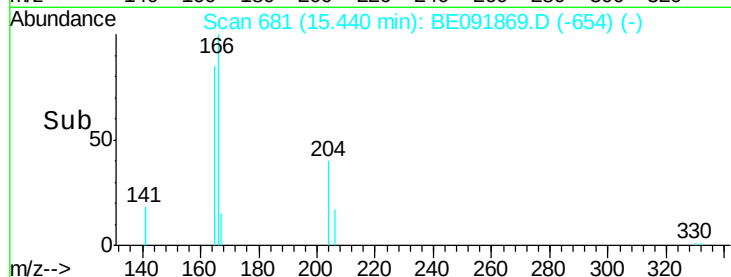
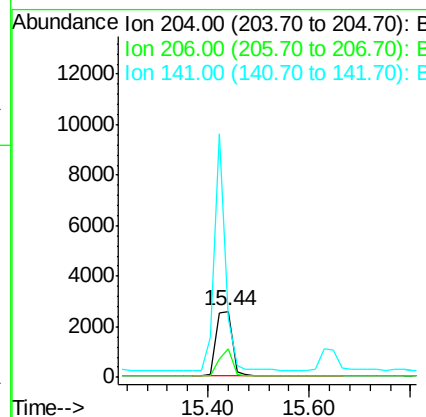
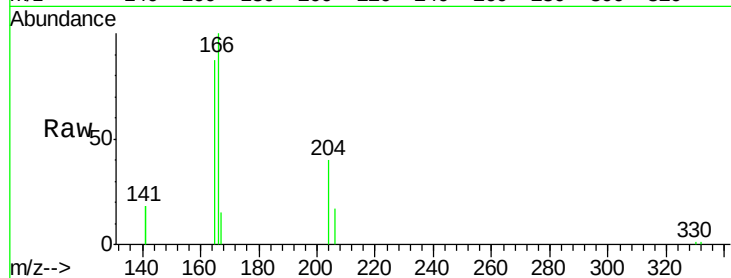
#23
4-Chlorophenyl-phenylether
Concen: 0.34 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:204 Resp: 5647
Ion Ratio Lower Upper
204 100
206 34.1 27.8 41.6
141 243.1 197.6 296.4

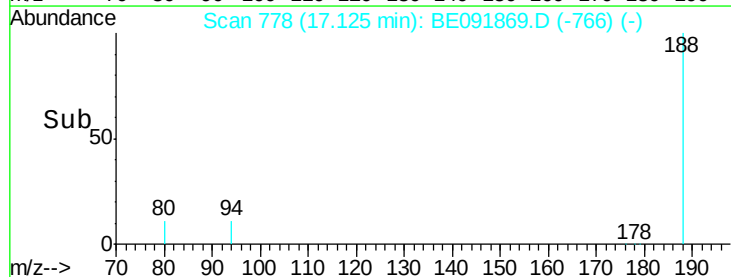
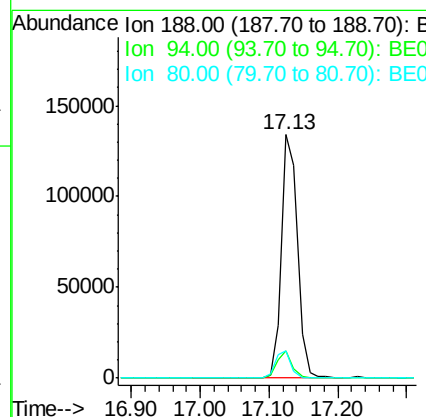
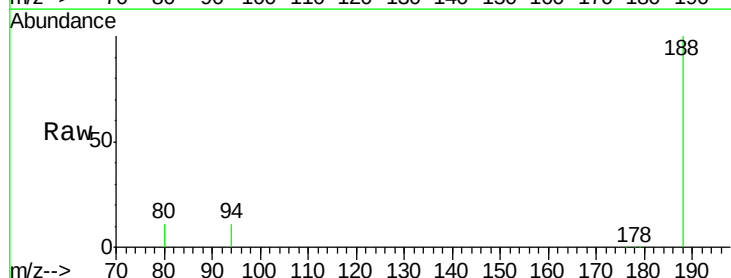
Manual Integrations
APPROVED

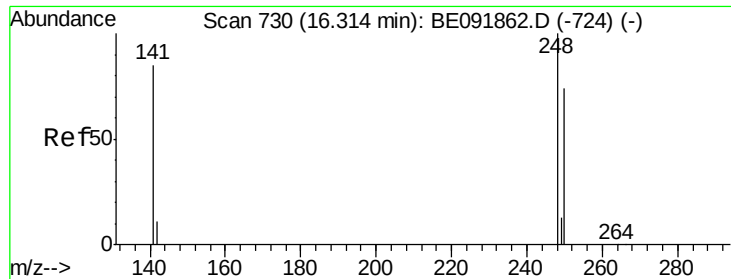
sohil
5/26/2016 6:45:47 PM



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 778
Delta R.T. -0.01 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion:188 Resp: 253525
Ion Ratio Lower Upper
188 100
94 11.3 4.1 6.1#
80 11.2 3.4 5.2#





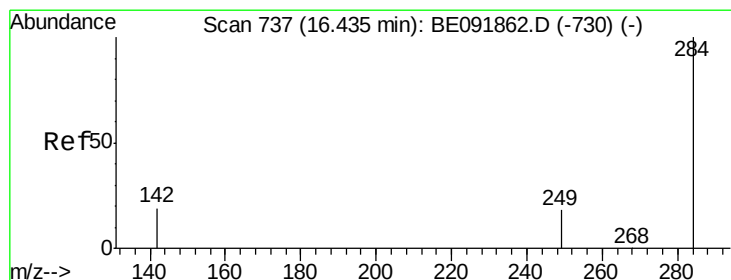
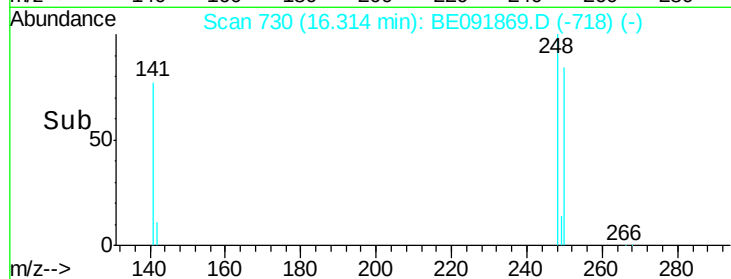
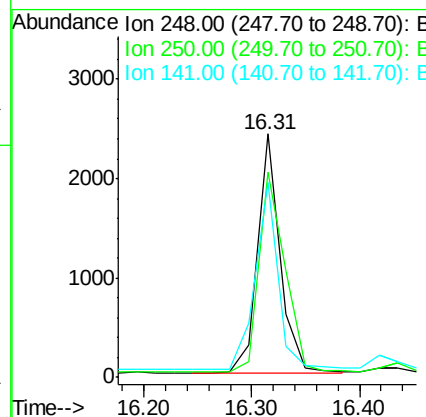
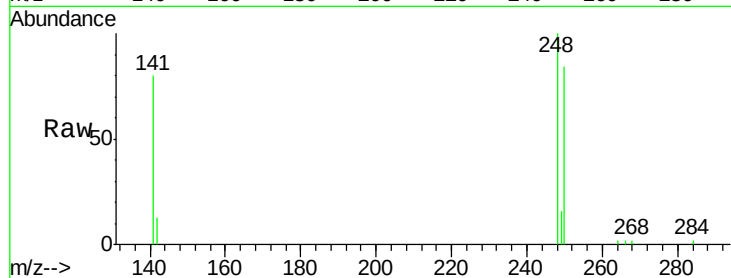
#25
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.31 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	75.7	113.5
141	78.9	64.6	97.0

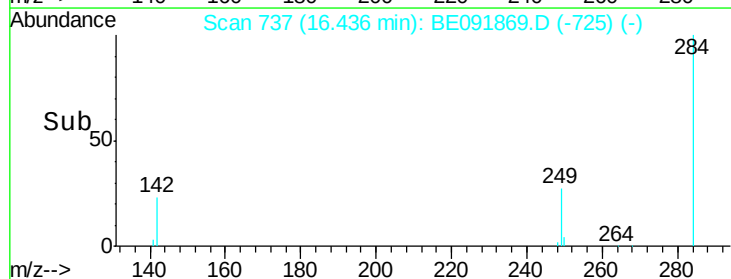
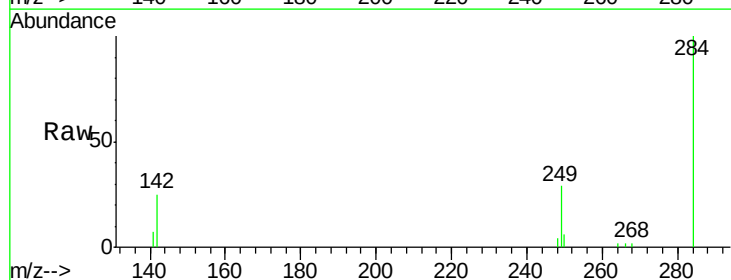
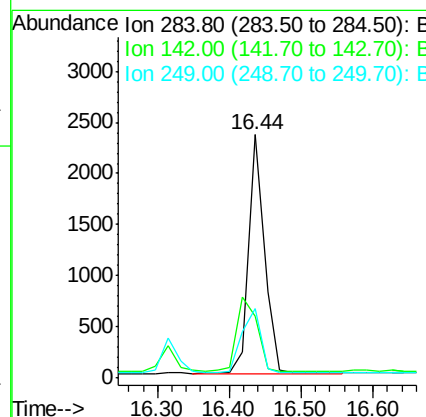
Manual Integrations
APPROVED

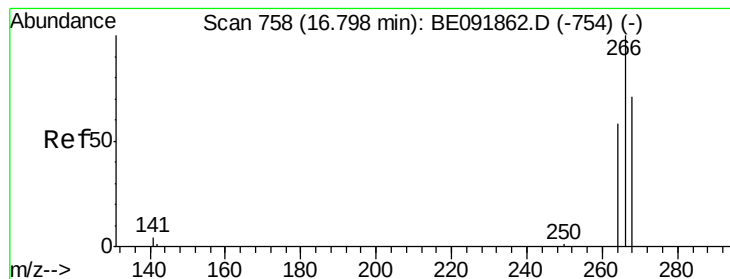
sohil
5/26/2016 6:45:47 PM



#26
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.44 min Scan# 737
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	31.4	47.2
249	32.0	25.3	37.9





#27

Pentachlorophenol

Concen: 0.36 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091869.D

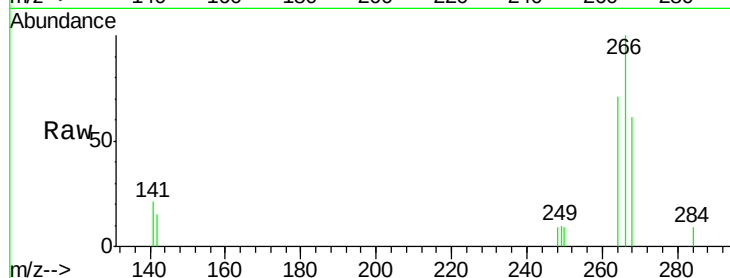
Acq: 25 May 2016 21:44

Instrument :

BNA_E

ClientSampleId :

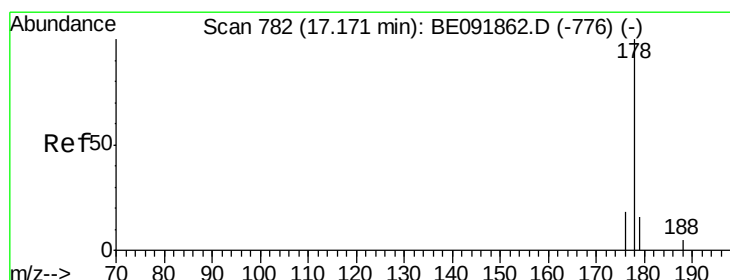
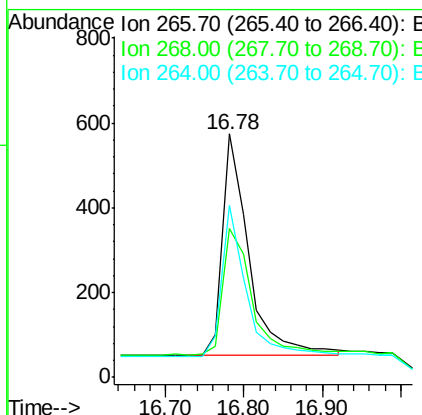
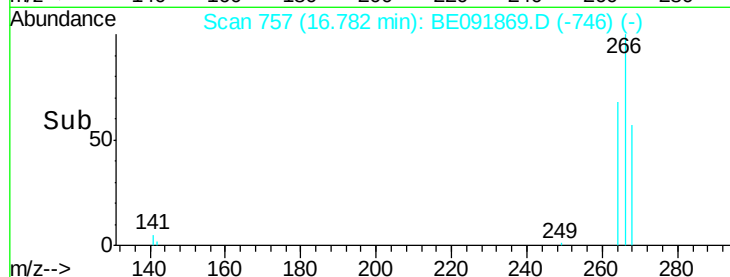
SSTDCCC0.4



Tot Ion:	266	Resp:	1201
Ion Ratio	Lower	Upper	
266	100		
268	61.0	60.5	90.7
264	70.6	51.0	76.4

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



#28

Phenanthrene

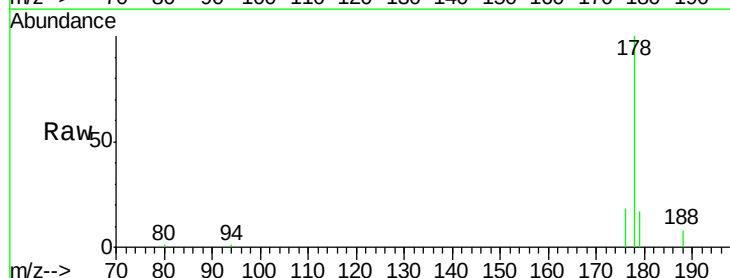
Concen: 0.37 ng

RT: 17.17 min Scan# 782

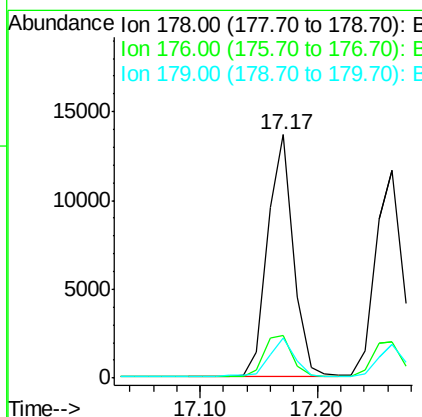
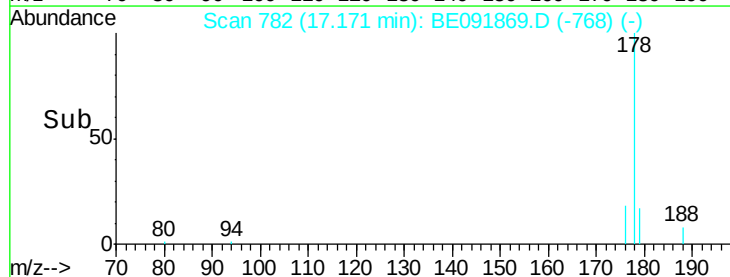
Delta R.T. 0.00 min

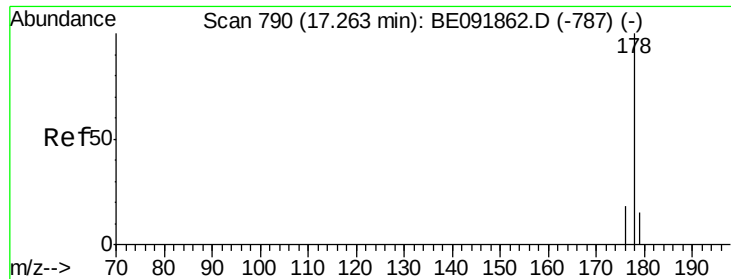
Lab File: BE091869.D

Acq: 25 May 2016 21:44



Tgt Ion:	178	Resp:	20841
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.2
179	16.8	12.9	19.3





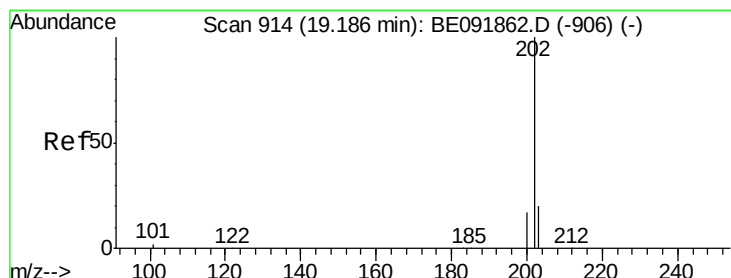
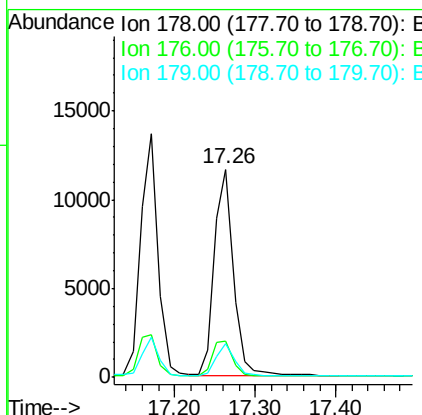
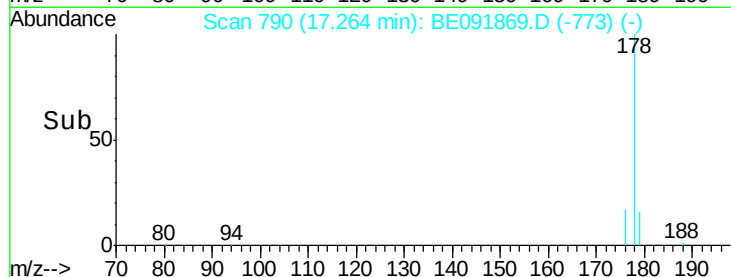
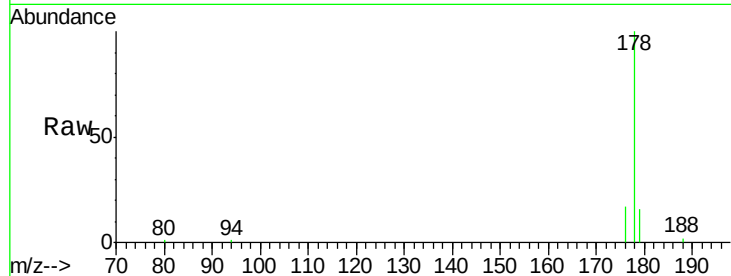
#29
 Anthracene
 Concen: 0.38 ng
 RT: 17.26 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BE091869.D
 Acq: 25 May 2016 21:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	14.9	12.1	18.1

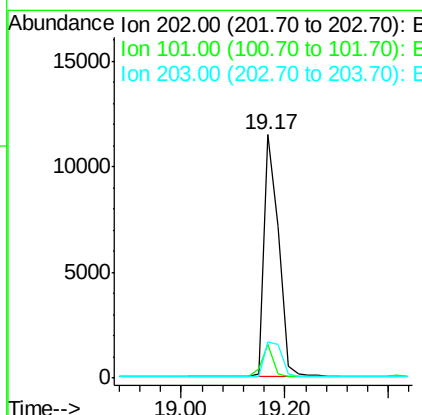
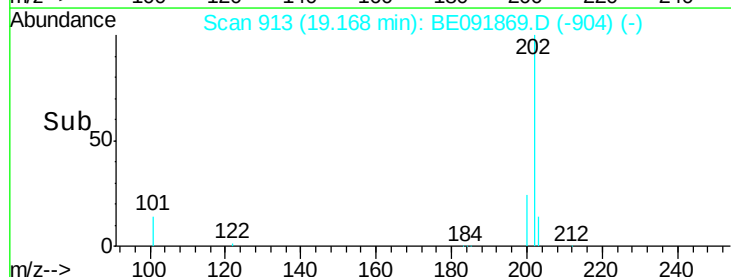
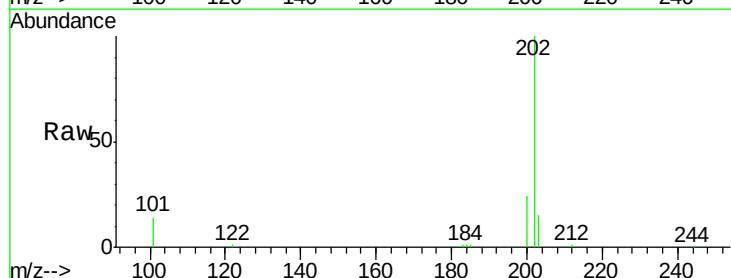
Manual Integrations
 APPROVED

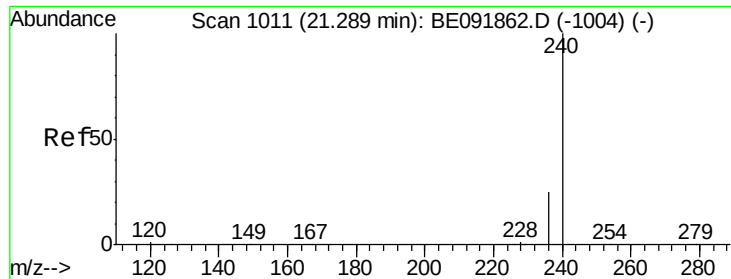
sohil
 5/26/2016 6:45:47 PM



#30
 Fluoranthene
 Concen: 0.33 ng
 RT: 19.17 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BE091869.D
 Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.4	14.0
203	17.5	14.3	21.5





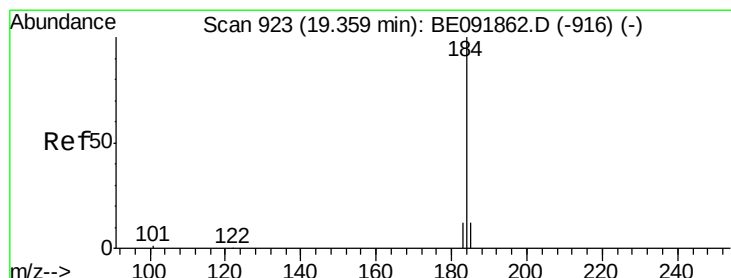
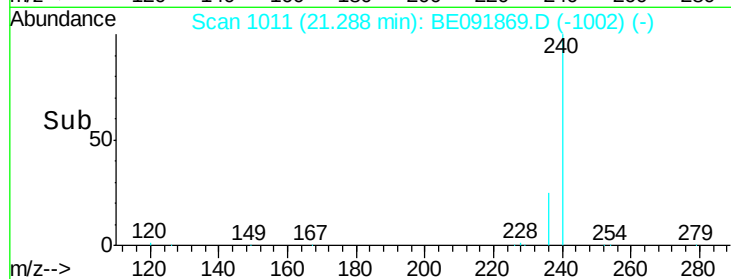
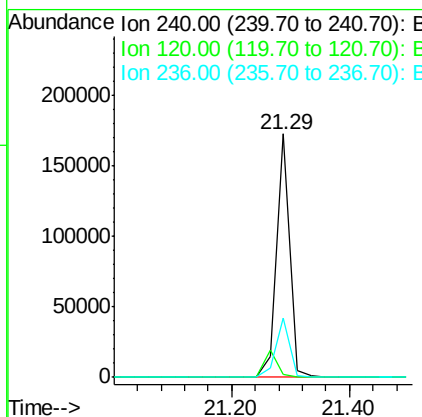
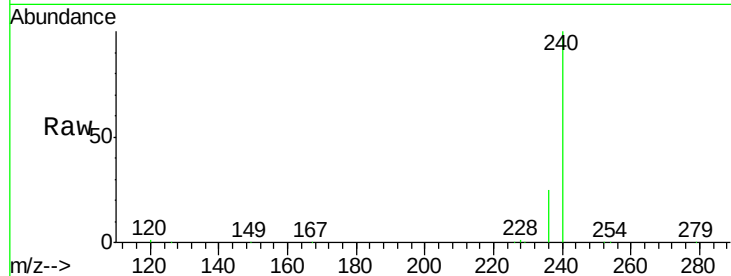
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.5	1.2	1.8
236	24.6	19.8	29.8

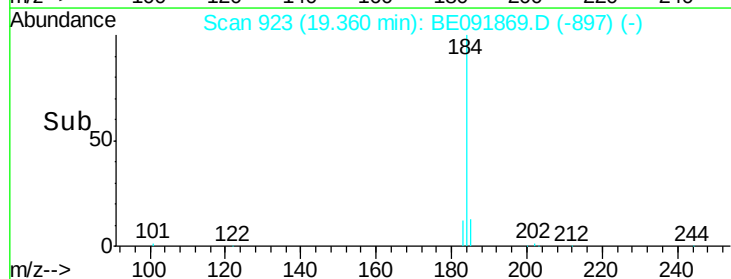
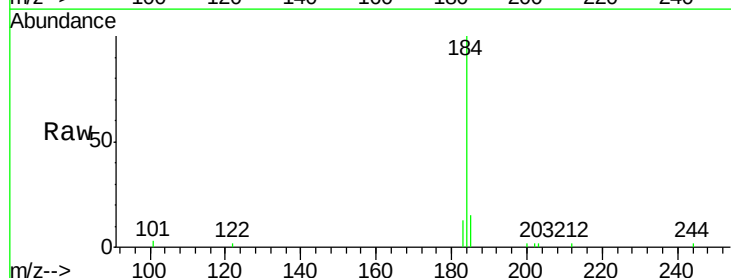
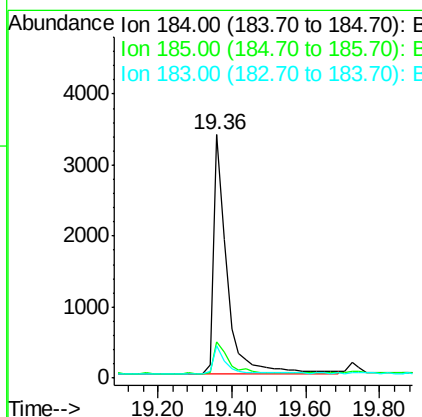
Manual Integrations
APPROVED

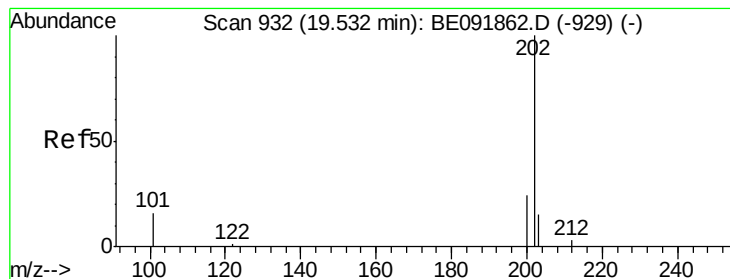
sohil
5/26/2016 6:45:47 PM



#32
Benzidine
Concen: 0.45 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.2
183	13.3	11.8	17.6





#33

Pvrene

Concen: 0.43 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

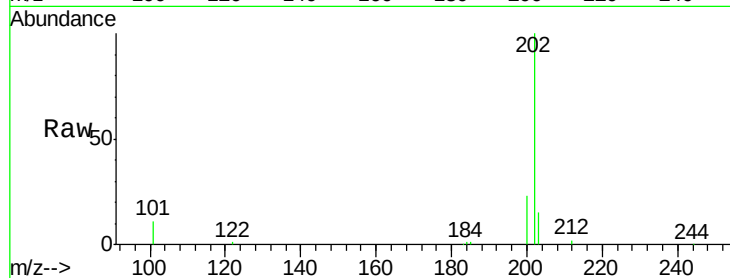
ClientSampleId :

SSTDCCC0.4

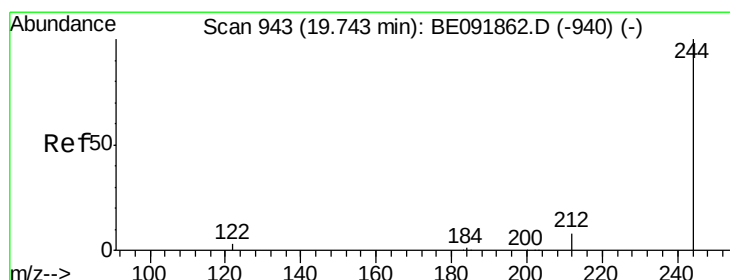
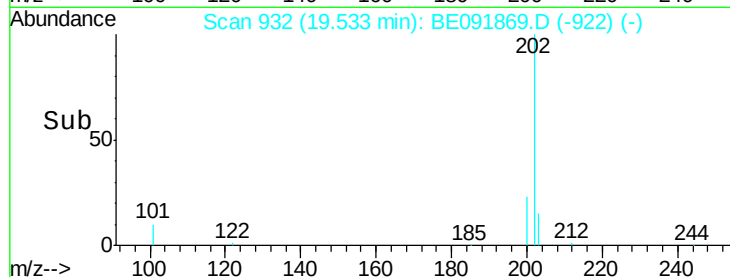
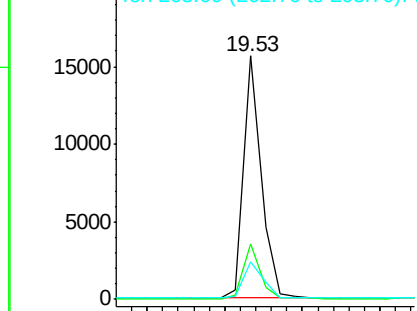
Tot Ion:	202	Resp:	24505
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	16.8	14.1	21.1

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 0.41 ng

RT: 19.74 min Scan# 943

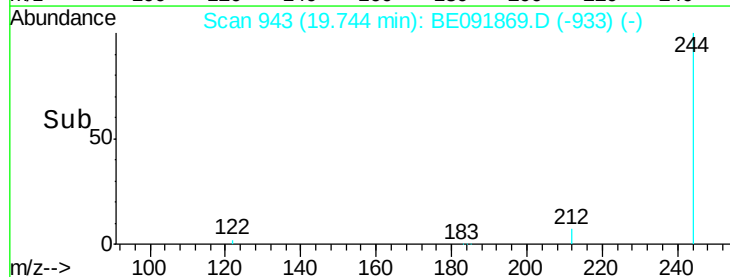
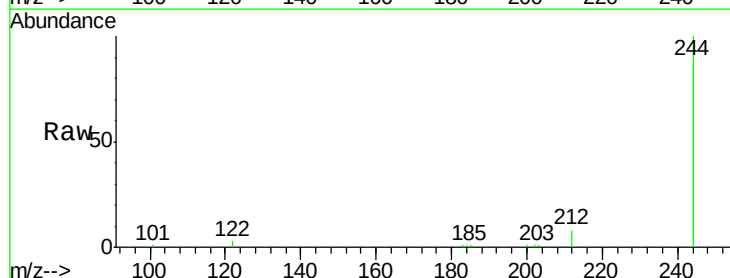
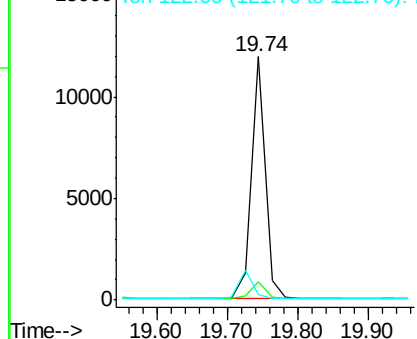
Delta R.T. 0.00 min

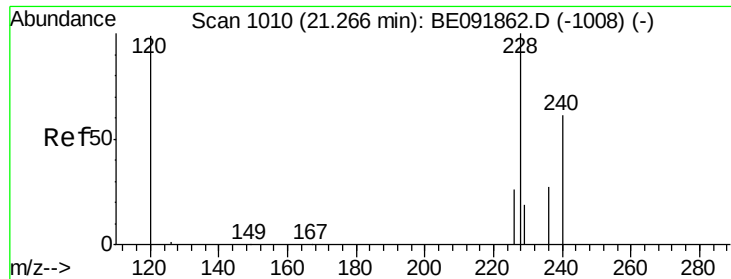
Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion:	244	Resp:	16629
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.5	9.7
122	2.5	2.9	4.3#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.39 ng/mL

RT: 21.27 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

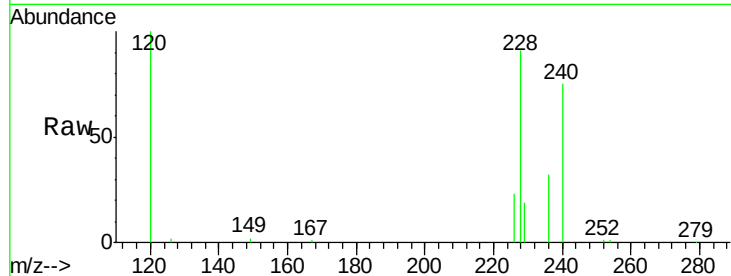
ClientSampleId :

SSTDCCC0.4

Tot Ion:	228	Resp:	27536
Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.0	31.4
229	20.6	15.8	23.8

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM

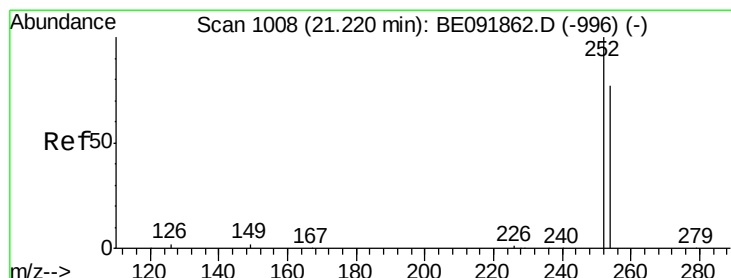
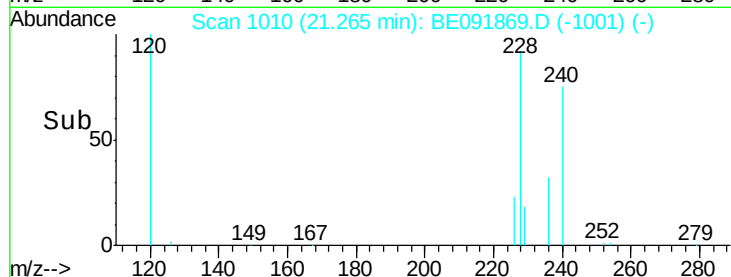
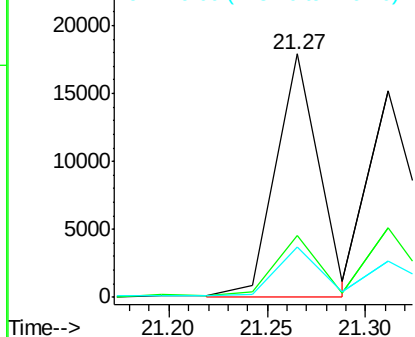


Abundance

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



#36

3,3'-Dichlorobenzidine

Concen: 0.38 ng/mL

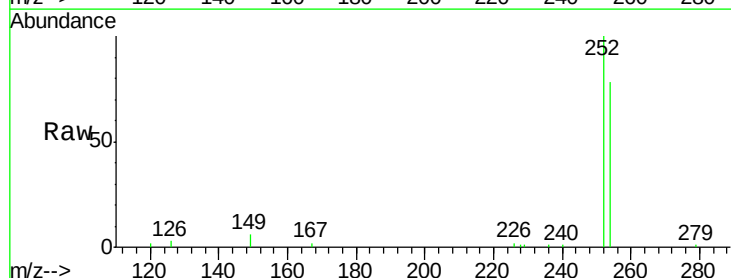
RT: 21.22 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion:	252	Resp:	15012
Ion	Ratio	Lower	Upper
252	100		
254	77.6	61.5	92.3
126	3.2	2.5	3.7

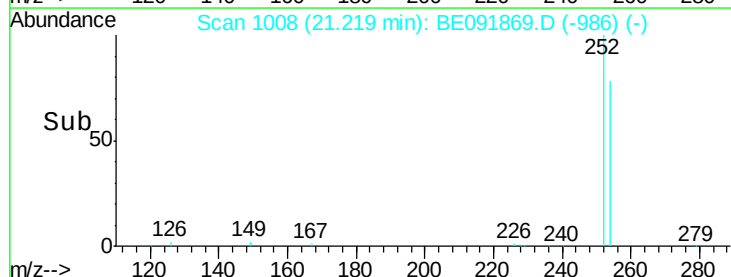
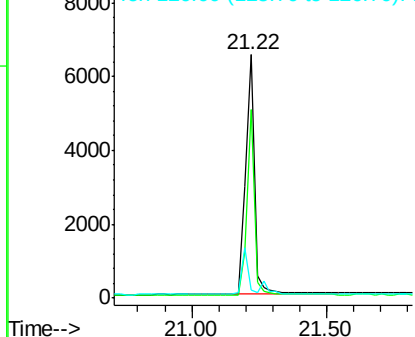


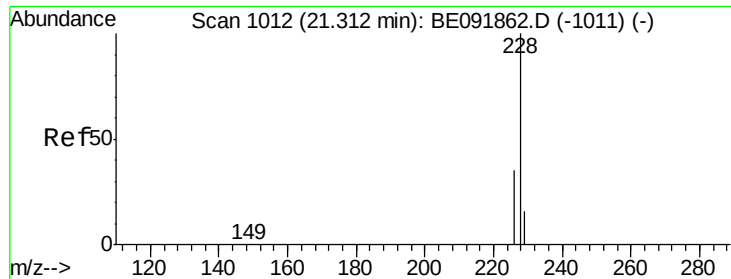
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





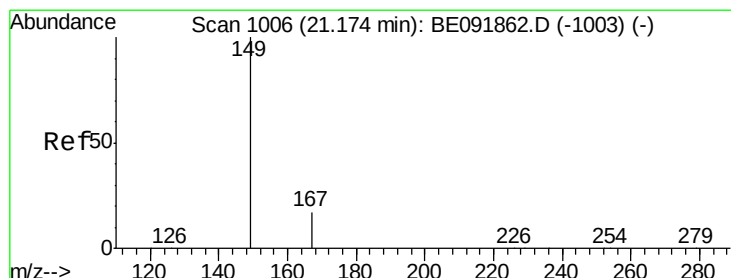
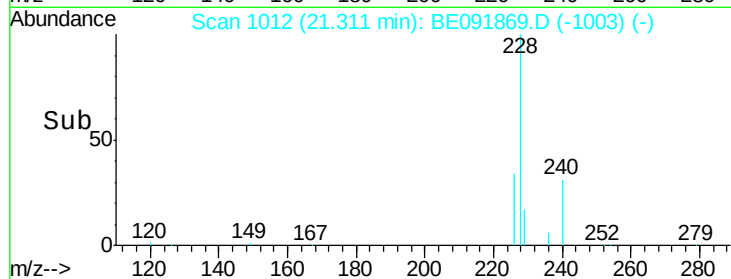
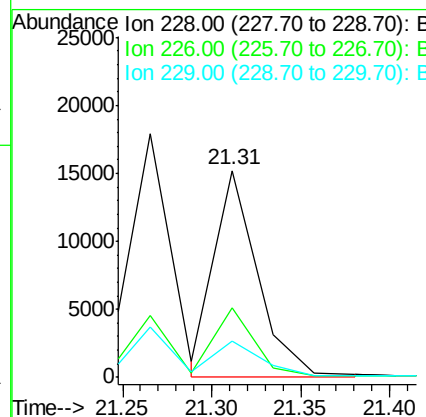
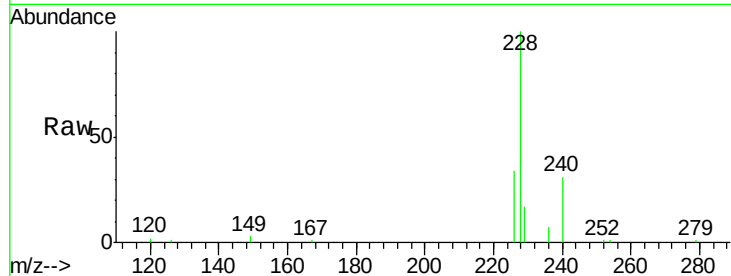
#37
Chrysene
Concen: 0.32 ng/ml
RT: 21.31 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.0	40.6
229	17.5	13.8	20.8

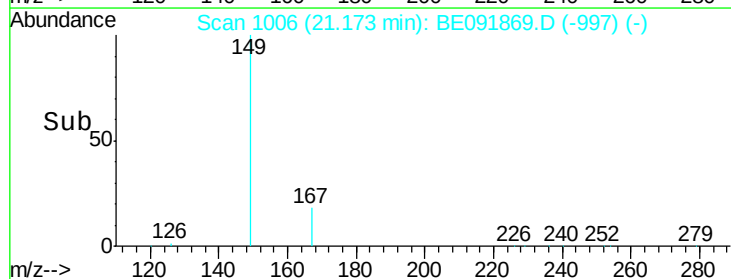
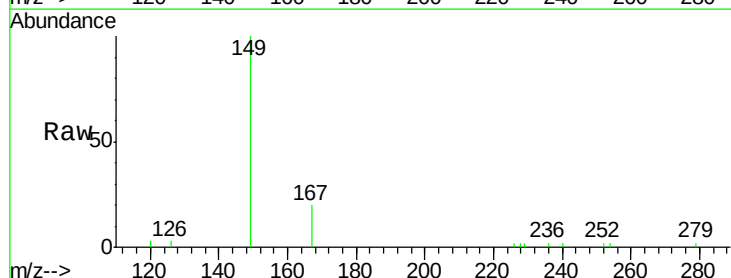
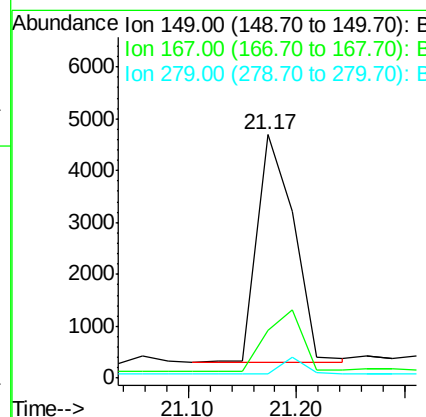
Manual Integrations
APPROVED

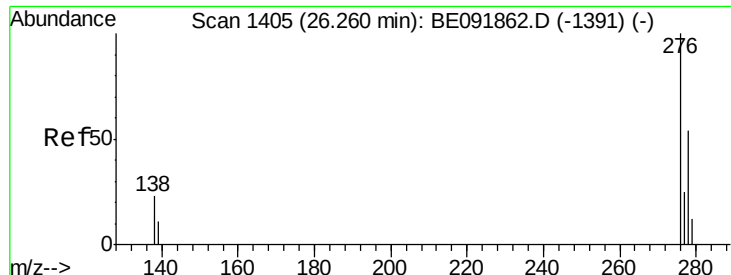
sohil
5/26/2016 6:45:47 PM



#38
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.17 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

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





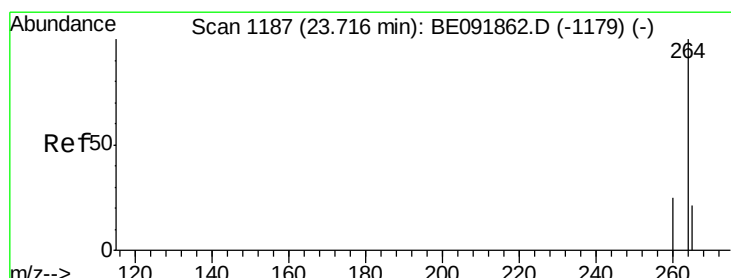
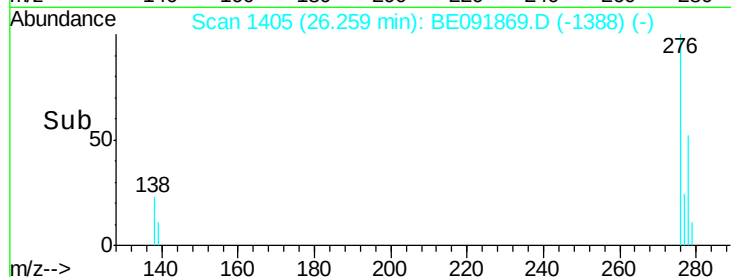
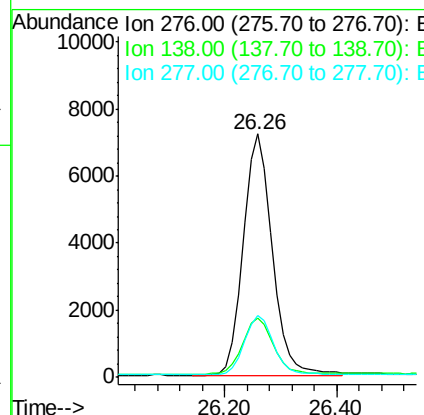
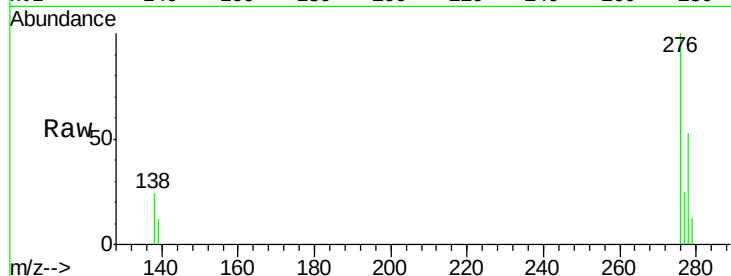
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.7	29.5
277	24.8	20.1	30.1

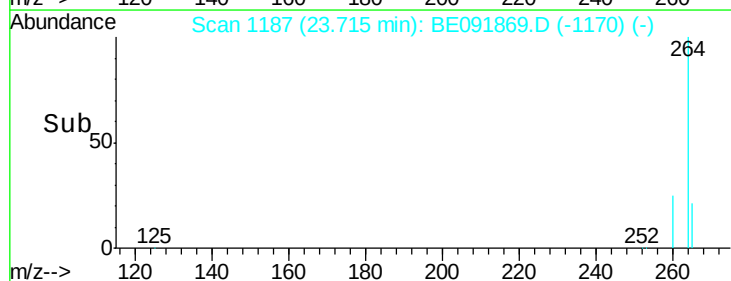
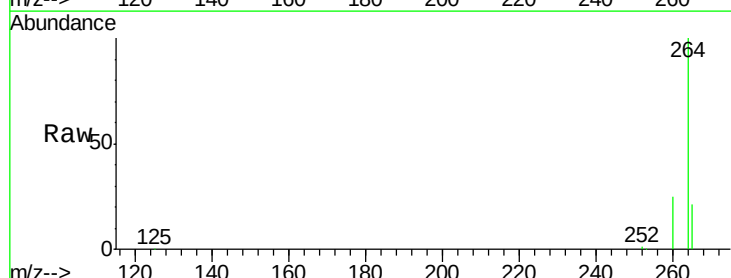
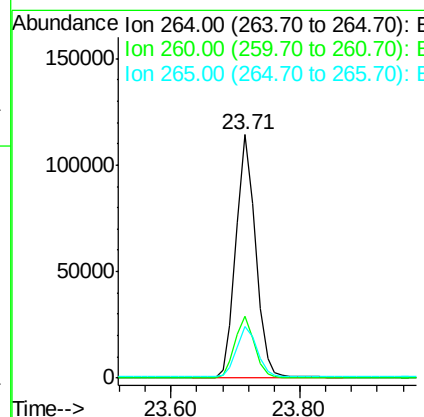
Manual Integrations
APPROVED

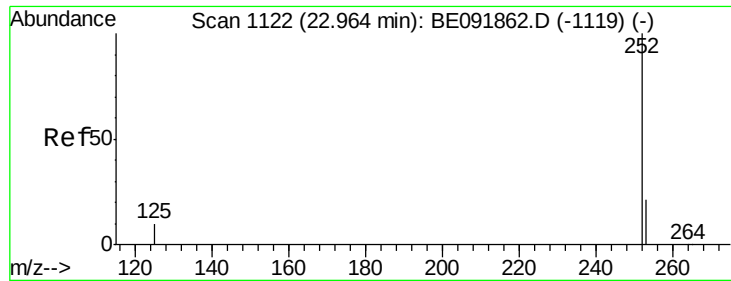
sohil
5/26/2016 6:45:47 PM



#40
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091869.D
Acq: 25 May 2016 21:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.3	30.5
265	21.4	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

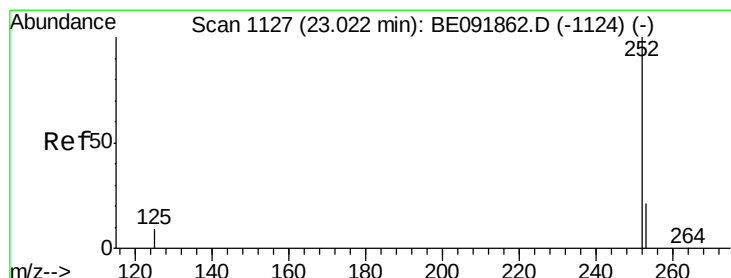
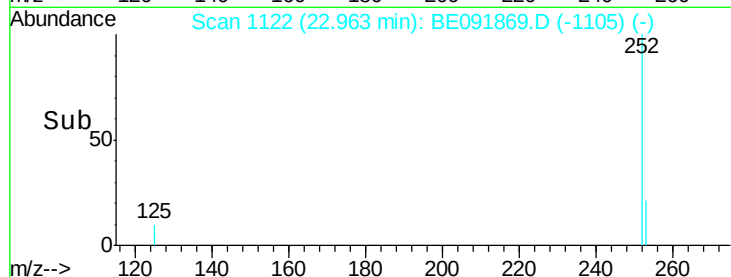
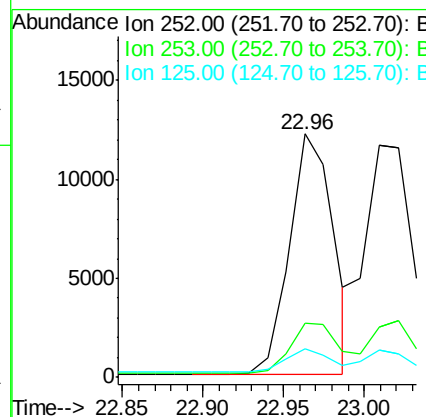
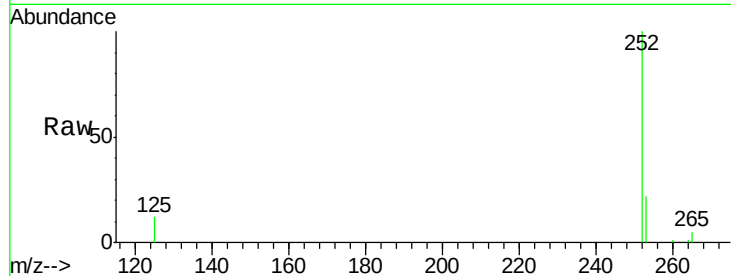
ClientSampleId :

SSTDCCC0.4

Tot Ion:	252	Resp:	23073
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	11.9	9.4	14.2

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



#42

Benzo(k)fluoranthene

Concen: 0.41 ng

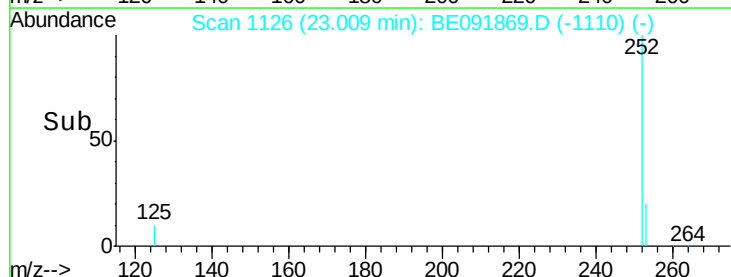
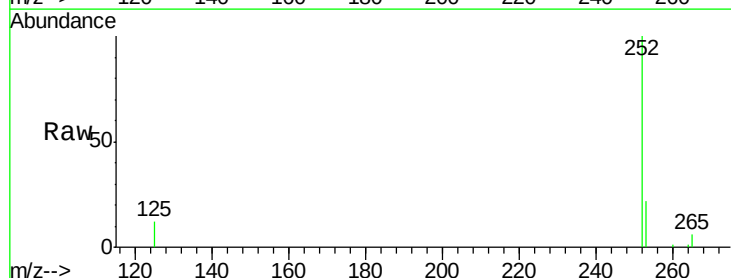
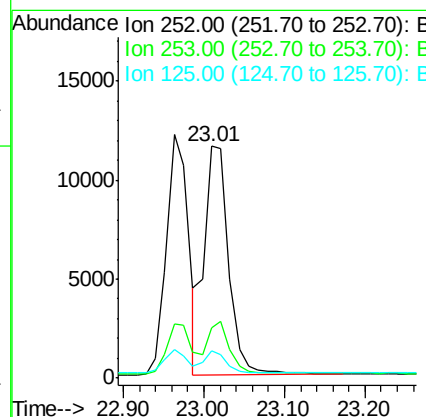
RT: 23.01 min Scan# 1126

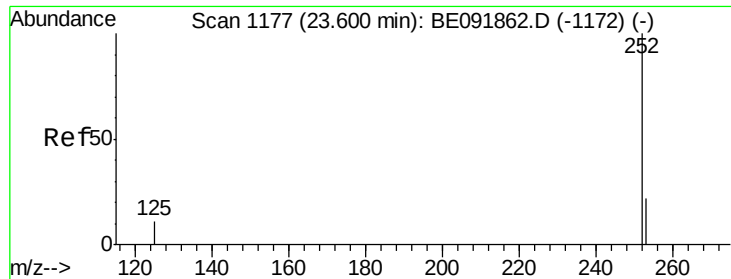
Delta R.T. -0.01 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion:	252	Resp:	24357
Ion Ratio	Lower	Upper	
252	100		
253	21.6	19.4	29.2
125	11.7	8.3	12.5





#43

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091869.D

Acq: 25 May 2016 21:44

Instrument :

BNA_E

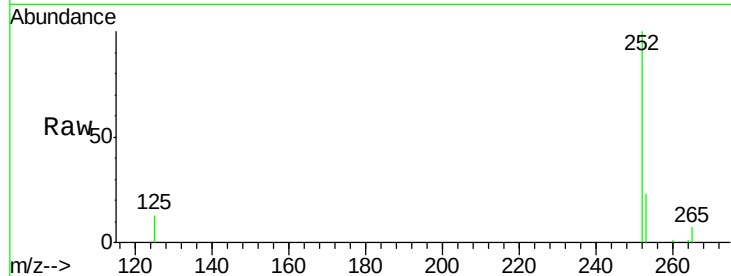
ClientSampleId :

SSTDCCC0.4

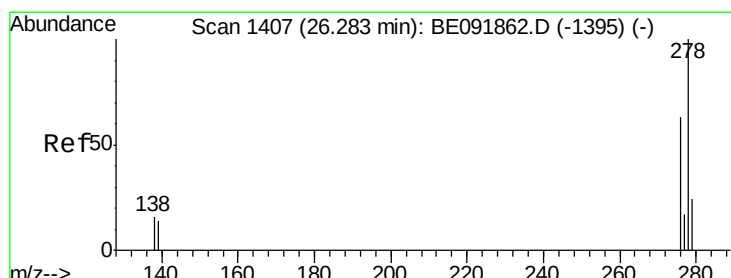
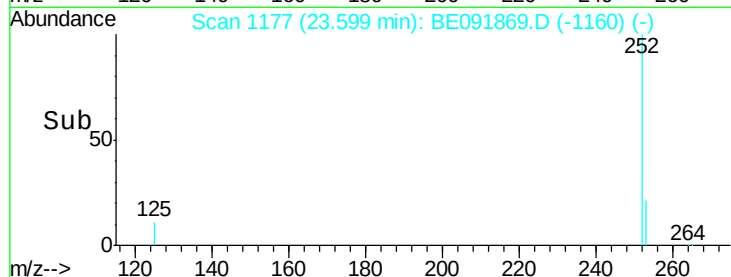
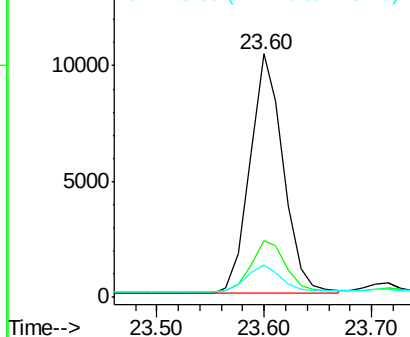
Tot Ion:	252	Resp:	22361
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.9	28.3
125	13.4	10.5	15.7

Manual Integrations
APPROVED

sohil
5/26/2016 6:45:47 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.28 min Scan# 1407

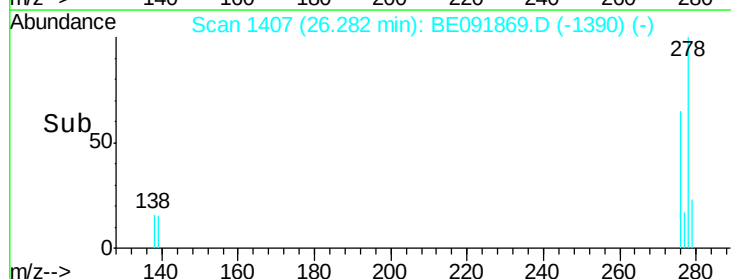
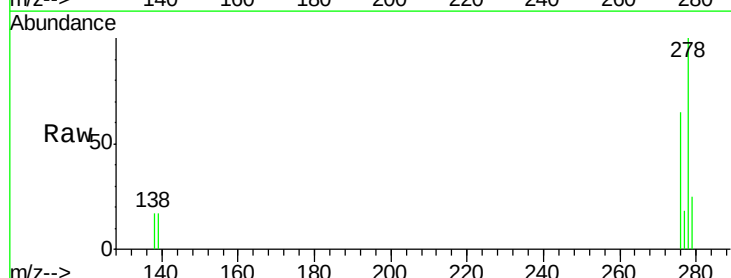
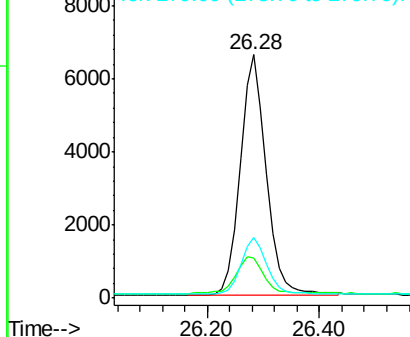
Delta R.T. -0.00 min

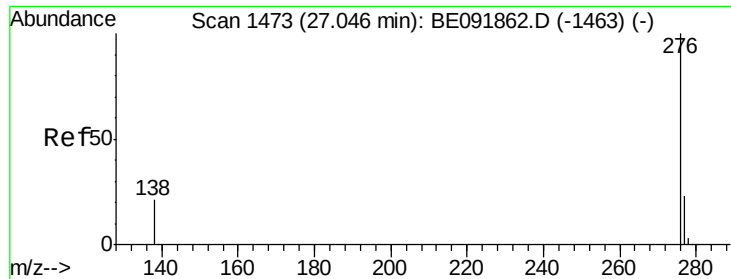
Lab File: BE091869.D

Acq: 25 May 2016 21:44

Tgt Ion:	278	Resp:	21556
Ion Ratio	Lower	Upper	
278	100		
139	16.6	12.6	18.8
279	24.7	20.0	30.0

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





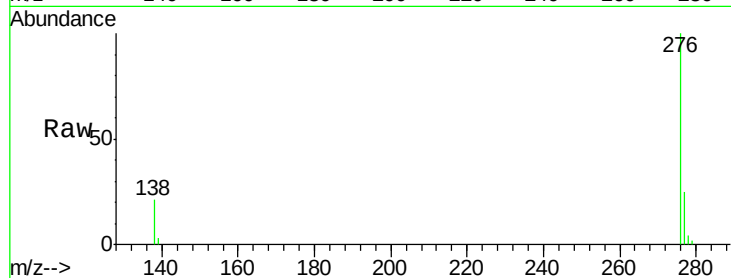
#45
 Benzo(a,h,i)perylene
 Concen: 0.38 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091869.D
 Acq: 25 May 2016 21:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	21.1	17.7	26.5

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:45:47 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

