

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091669.D
 Acq On : 18 Apr 2016 17:45
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:40:11 PM

Quant Time: Apr 19 05:20:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	31112	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	154947	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	94361	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	233359	5.00	ng	0.00
26) Chrysene-d12	21.31	240	281193	5.00	ng	0.00
35) Perylene-d12	23.75	264	255683	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2805	0.41	ng	0.00
5) Phenol-d6	6.97	99	3610	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	3117	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	781m	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	10626	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	17042	0.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	1612	0.36	ng	# 91
3) n-Nitrosodimethylamine	3.66	42	1835	0.41	ng	# 90
6) bis(2-Chloroethyl)ether	7.23	93	3388	0.40	ng	# 76
9) Nitrobenzene	9.00	77	3143	0.39	ng	97
10) Naphthalene	10.63	128	12840	0.41	ng	98
11) Hexachlorobutadiene	10.92	225	1840m	0.40	ng	
12) 2-Methylnaphthalene	12.24	142	8128	0.40	ng	99
16) Acenaphthylene	14.14	152	14036	0.40	ng	# 78
17) Acenaphthene	14.47	154	9697	0.42	ng	91
18) Fluorene	15.46	166	11387	0.40	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	3138	0.39	ng	98
21) Hexachlorobenzene	16.47	284	3397	0.40	ng	96
22) Pentachlorophenol	16.81	266	1003	0.52	ng	92
23) Phenanthrene	17.19	178	21866	0.41	ng	99
24) Anthracene	17.29	178	18458	0.39	ng	99
25) Fluoranthene	19.21	202	21407	0.41	ng	98
27) Benzidine	19.38	184	6249	0.47	ng	# 79
28) Pyrene	19.55	202	26332	0.47	ng	99
30) Benzo(a)anthracene	21.29	228	27811m	0.43	ng	
31) 3,3'-Dichlorobenzidine	21.24	252	10599	0.48	ng	# 75
32) Chrysene	21.34	228	28190m	0.43	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	6144	0.57	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.32	276	25378	0.42	ng	96
36) Benzo(b)fluoranthene	23.00	252	23690	0.42	ng	97
37) Benzo(k)fluoranthene	23.06	252	24729	0.41	ng	96
38) Benzo(a)pyrene	23.65	252	22044	0.42	ng	# 94
39) Dibenzo(a,h)anthracene	26.34	278	20703	0.40	ng	96
40) Benzo(g,h,i)perylene	27.10	276	21284	0.40	ng	95

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

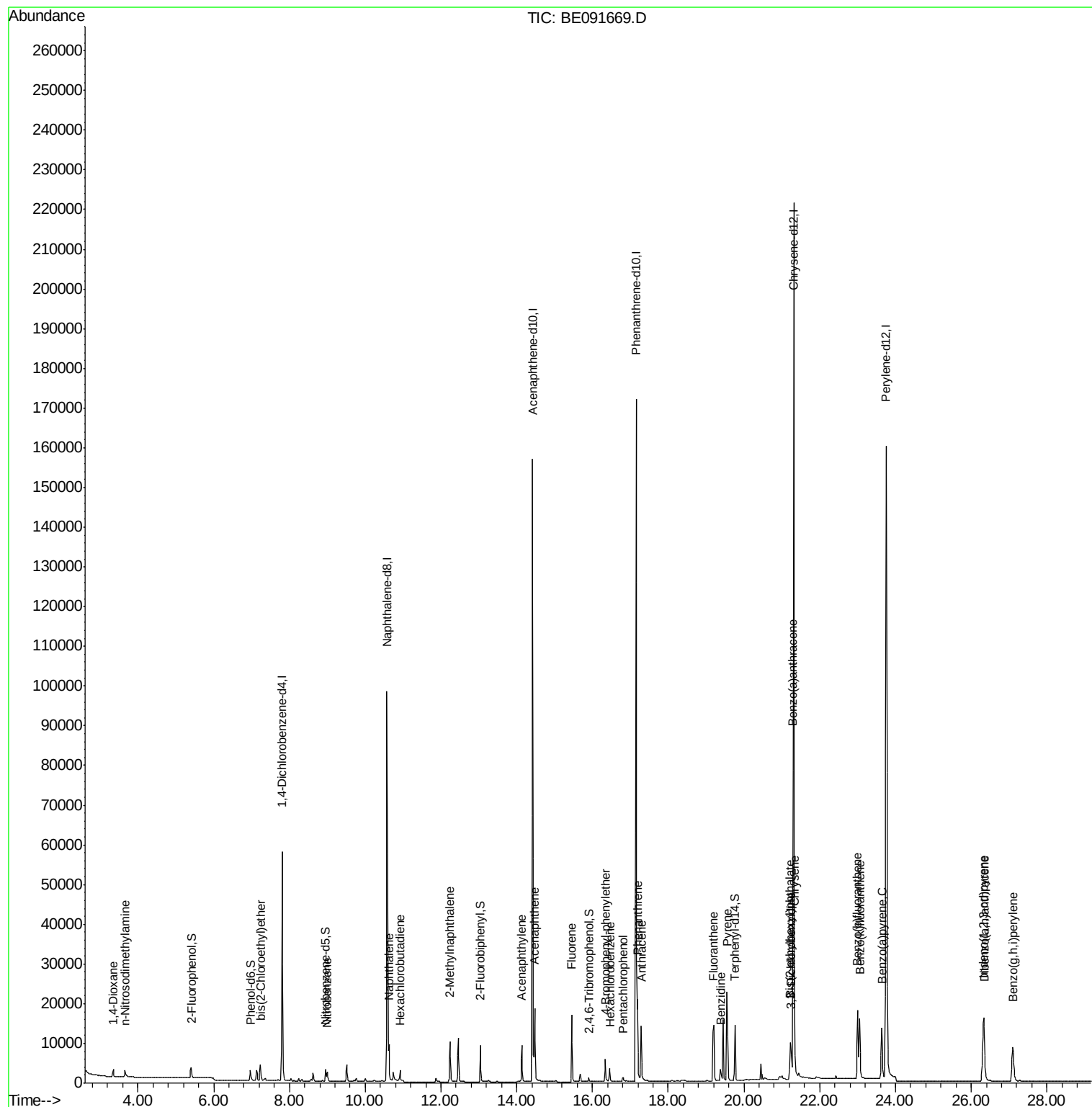
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091669.D
Acq On : 18 Apr 2016 17:45
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

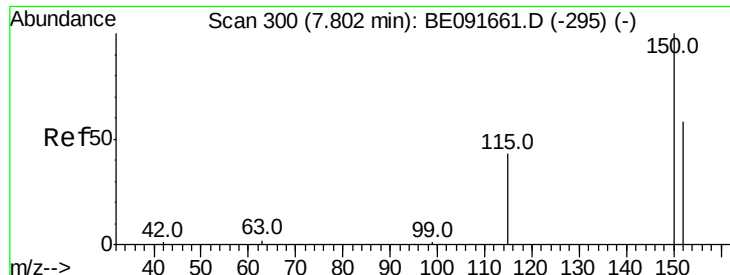
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM

Quant Time: Apr 19 05:20:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 17:20:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091669.D

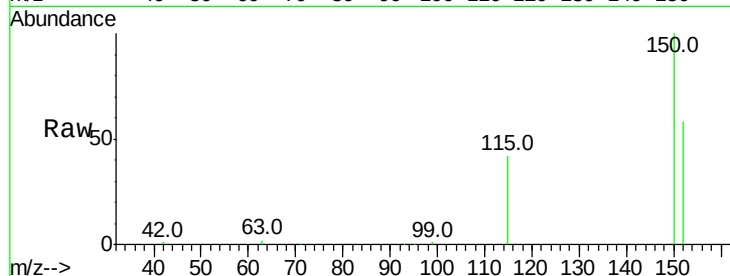
Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tot Ion:152 Resp: 31112

Ion Ratio Lower Upper

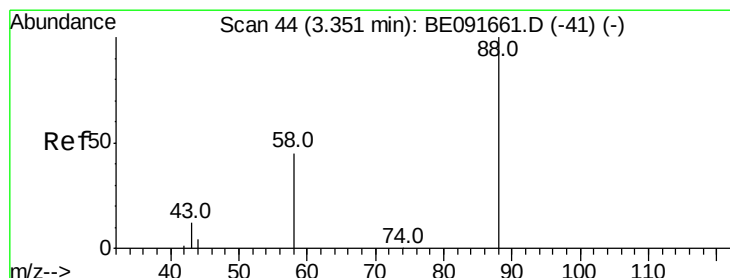
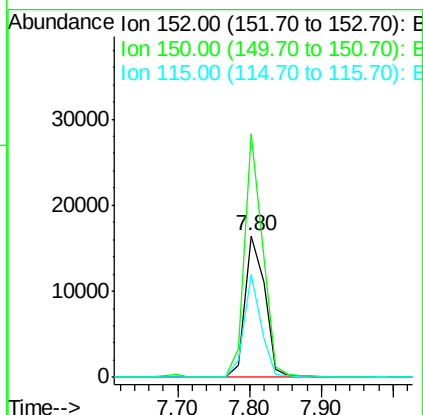
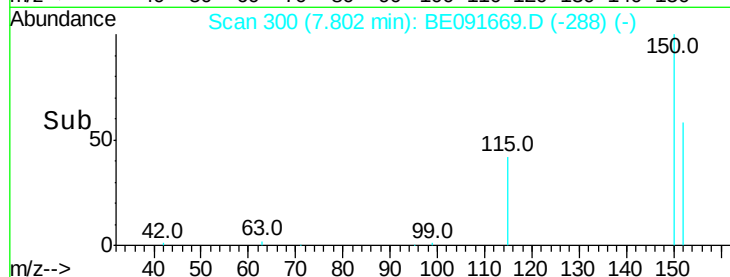
152 100

150 172.1 122.6 183.8

115 72.8 52.8 79.2

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#2

1,4-Dioxane

Concen: 0.36 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

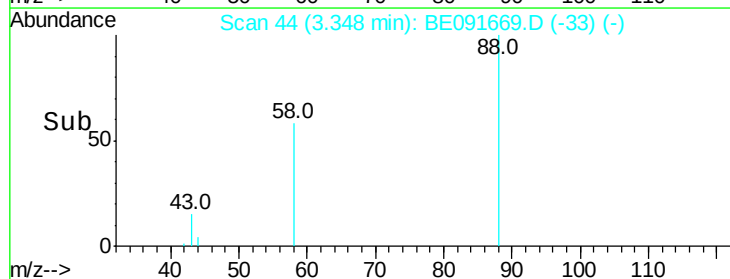
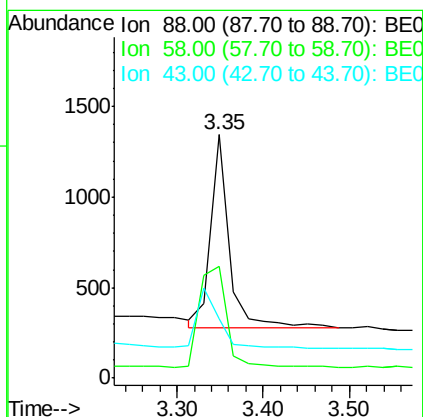
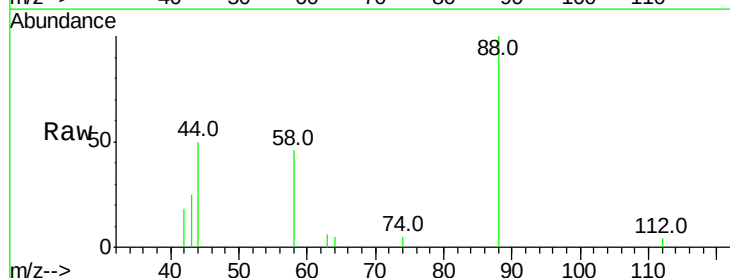
Tgt Ion: 88 Resp: 1612

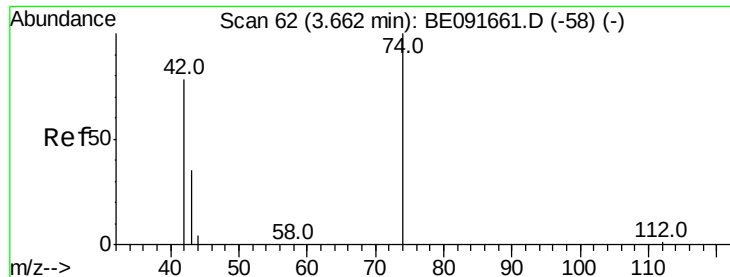
Ion Ratio Lower Upper

88 100

58 75.4 65.8 98.6

43 39.3 25.3 37.9#





#3

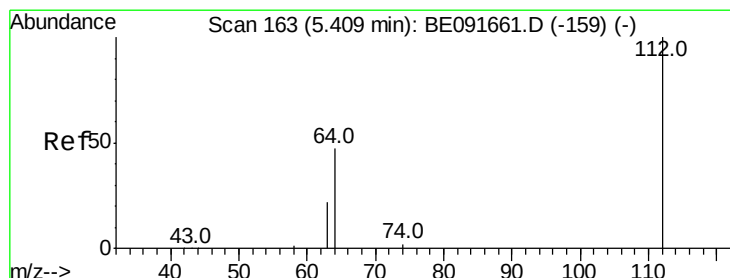
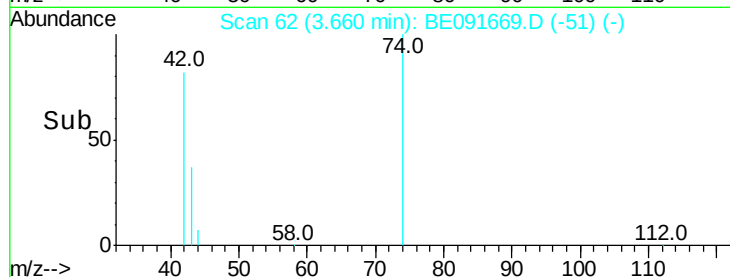
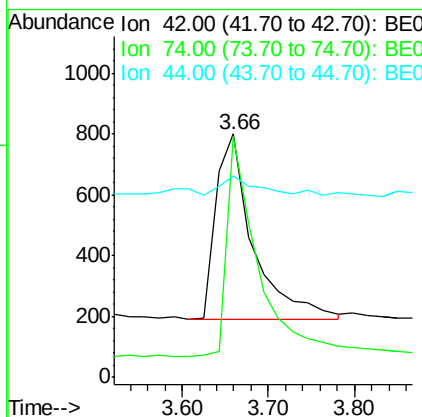
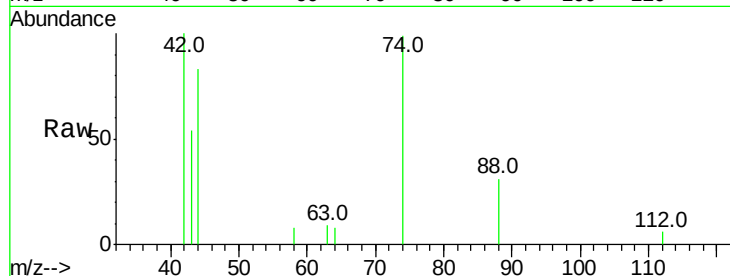
n-Nitrosodimethylamine
 Concen: 0.41 ng
 RT: 3.66 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Instrument :
 BNA_E
 ClientSampled :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	99.7	87.9	131.9
44	11.9	6.6	9.8#

Manual Integrations
 APPROVED

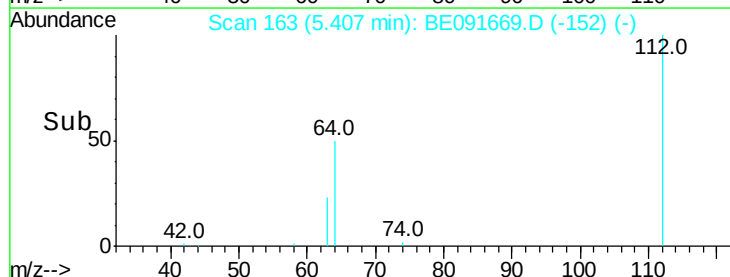
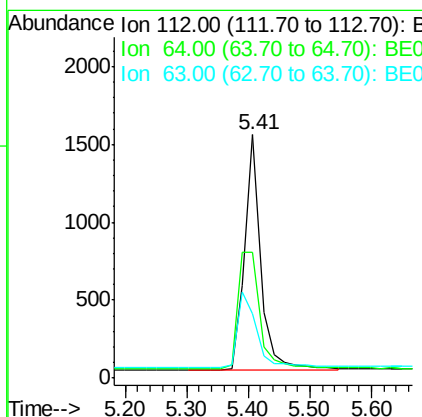
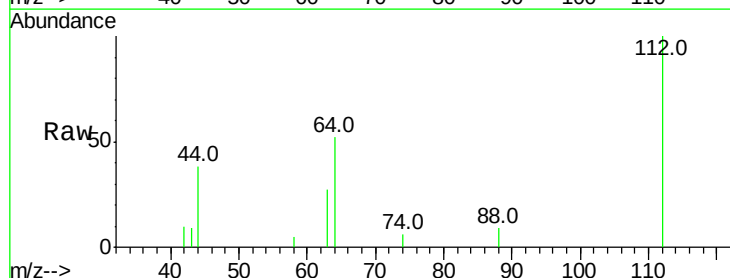
Sohil
 4/19/2016 6:40:11 PM

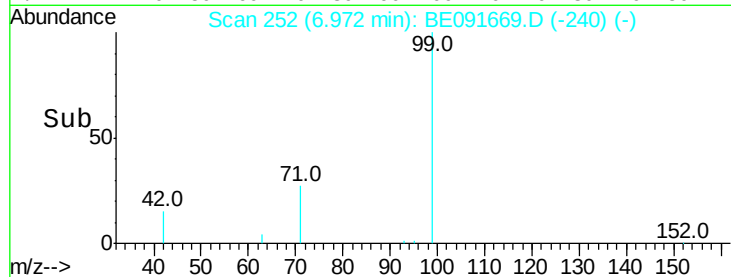
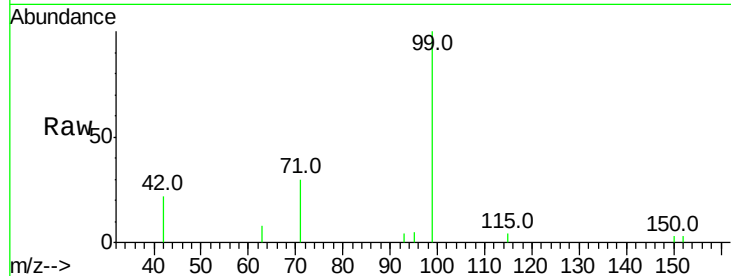
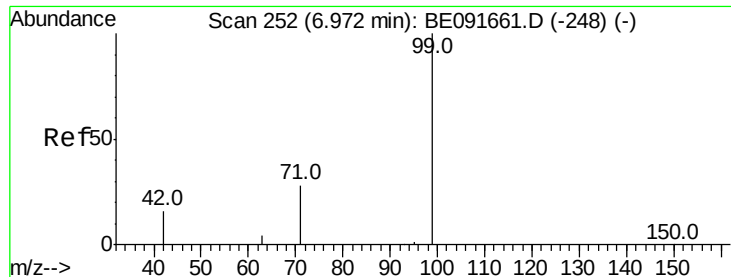


#4

2-Fluorophenol
 Concen: 0.41 ng
 RT: 5.41 min Scan# 163
 Delta R.T. -0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	30.9	46.3#
63	37.4	16.7	25.1#





#5

Phenol-d6

Concen: 0.40 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

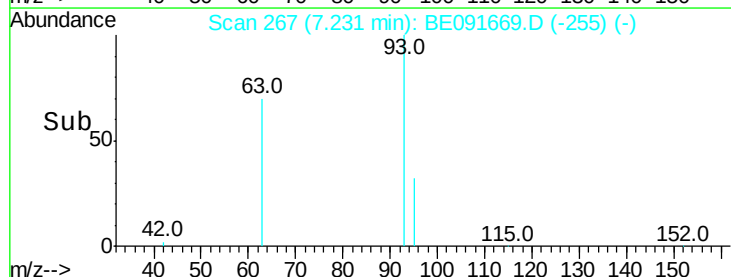
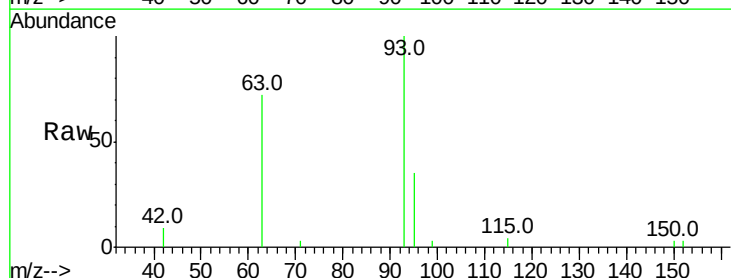
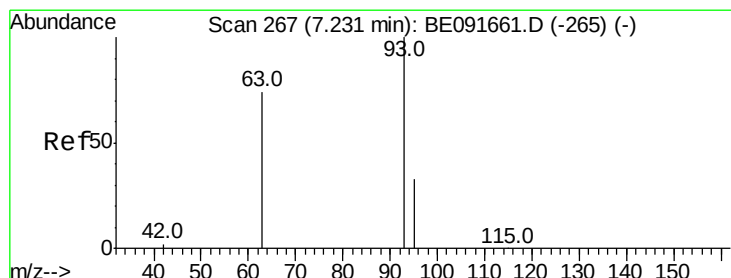
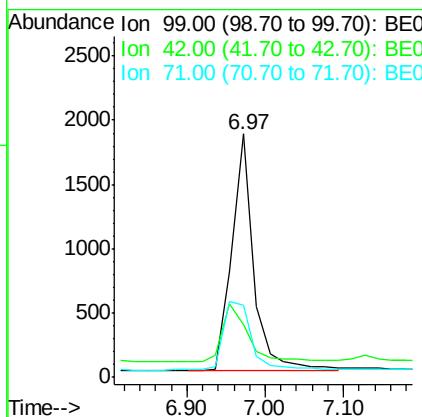
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	3610
Ion Ratio	Lower	Upper	
99	100		
42	27.0	16.2	24.2#
71	37.0	29.0	43.4

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

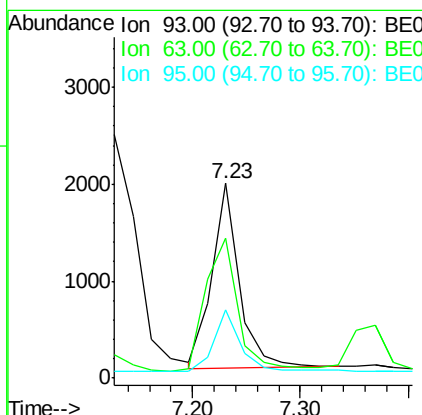
RT: 7.23 min Scan# 267

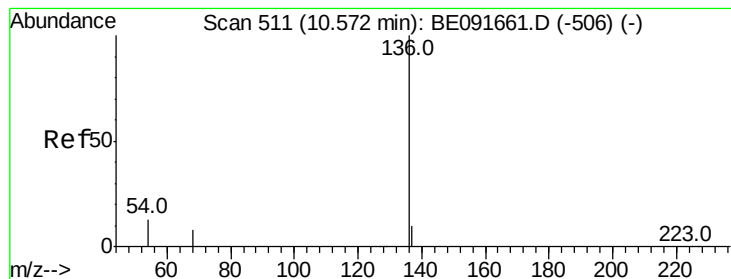
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:	93	Resp:	3388
Ion Ratio	Lower	Upper	
93	100		
63	85.0	49.5	74.3#
95	33.8	22.2	33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

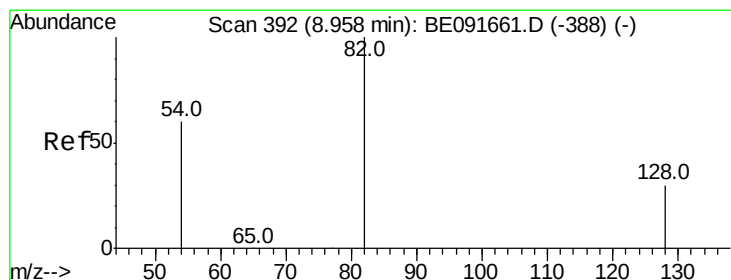
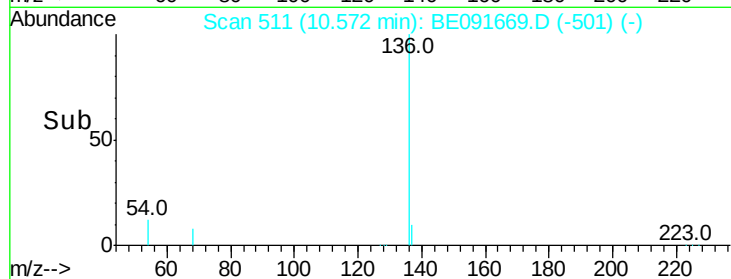
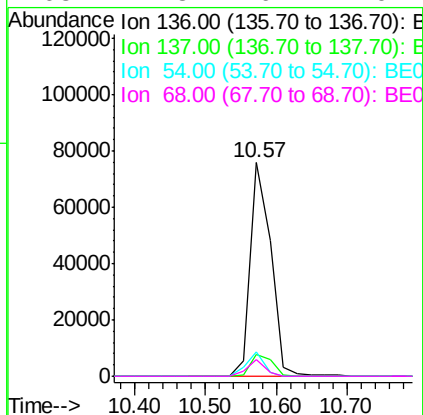
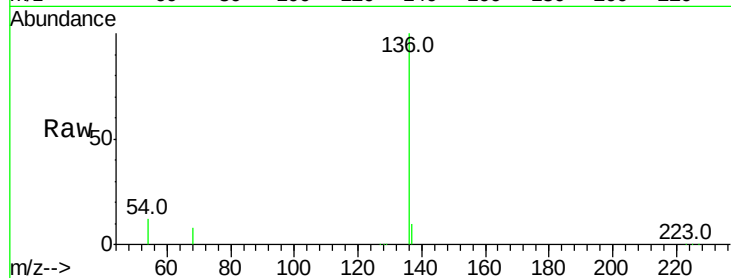
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.9	13.3	
54	11.6	8.2	12.4	
68	7.8	6.2	9.4	

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#8

Nitrobenzene-d5

Concen: 0.39 ng

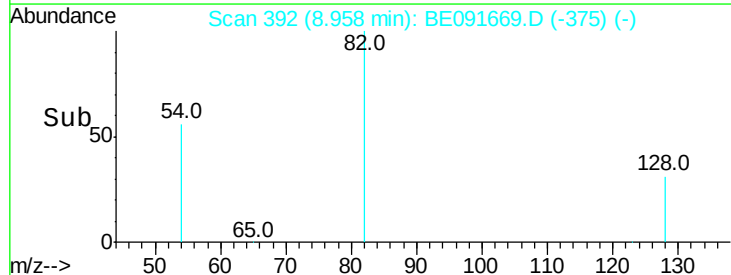
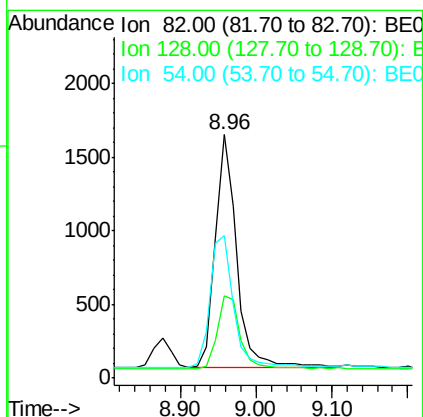
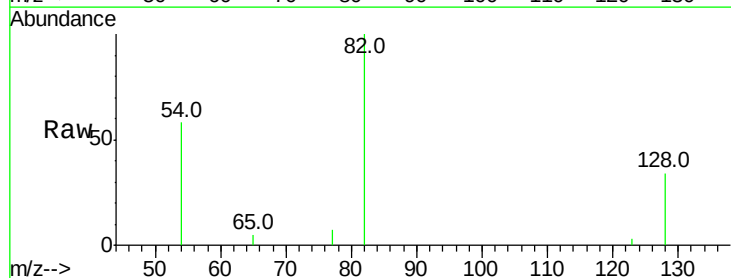
RT: 8.96 min Scan# 392

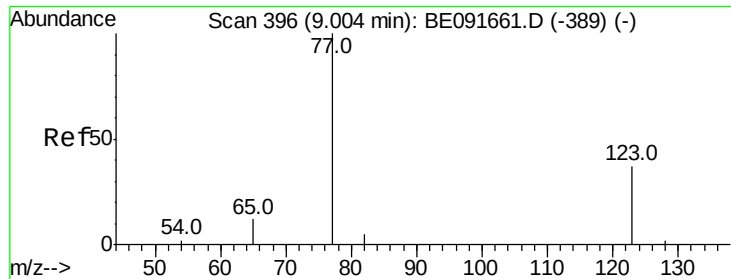
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.9	25.4	38.0	
54	58.4	48.4	72.6	





#9

Nitrobenzene

Concen: 0.39 ng

RT: 9.00 min Scan# 396

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

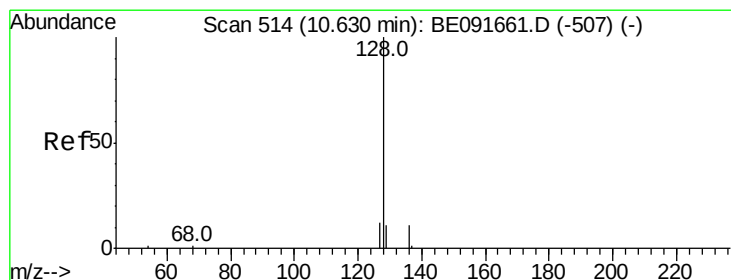
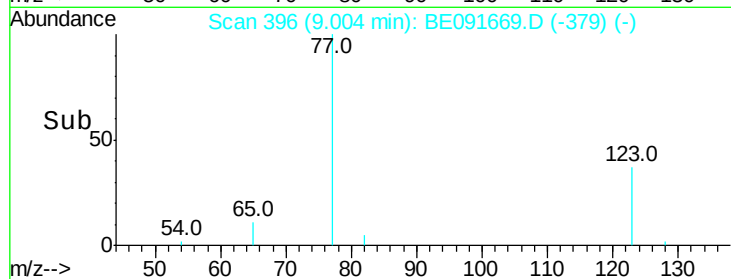
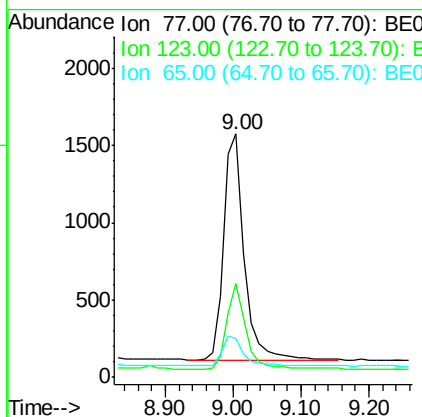
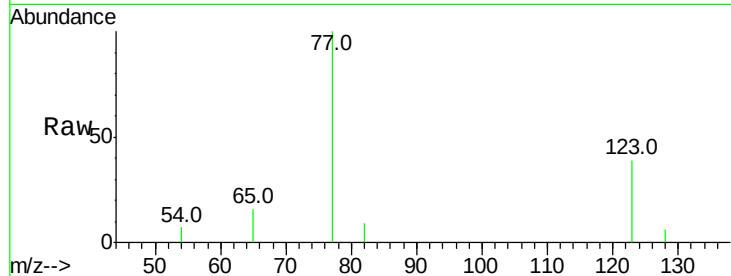
ClientSampleId :

SSTDCCC0.4

Tot Ion:	77	Resp:	3143
Ion	Ratio	Lower	Upper
77	100		
123	35.2	26.9	40.3
65	13.3	9.4	14.2

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#10

Naphthalene

Concen: 0.41 ng

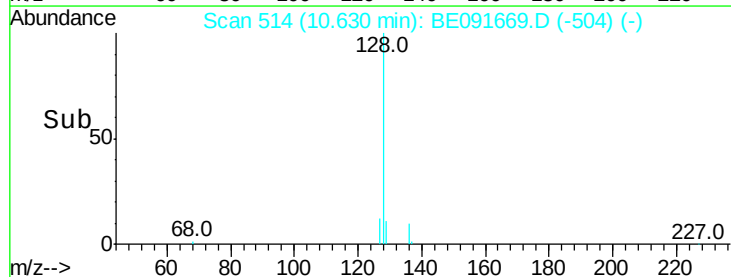
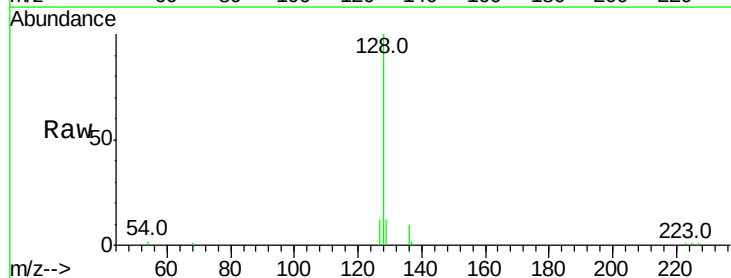
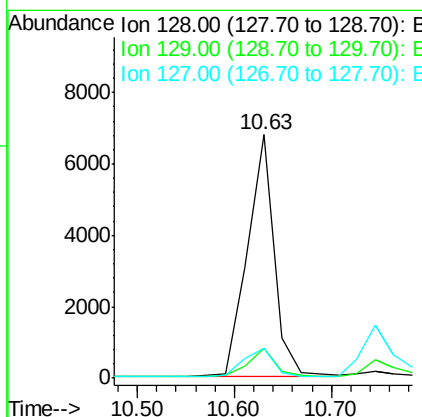
RT: 10.63 min Scan# 514

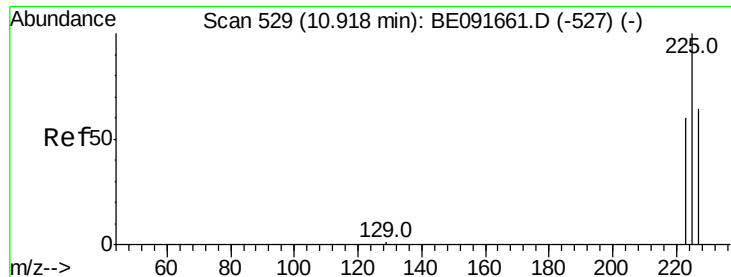
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:	128	Resp:	12840
Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	12.4	10.7	16.1





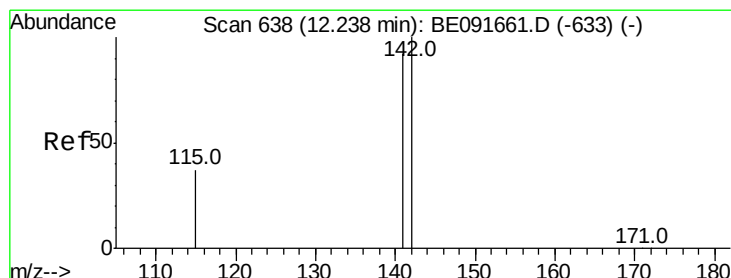
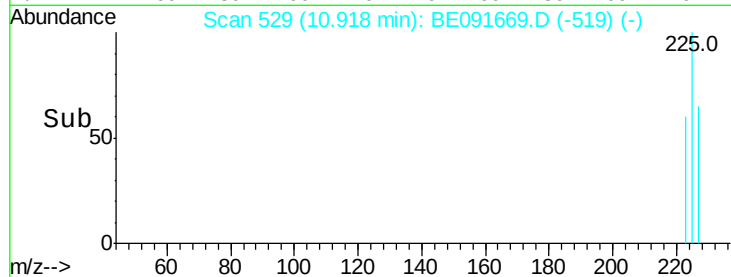
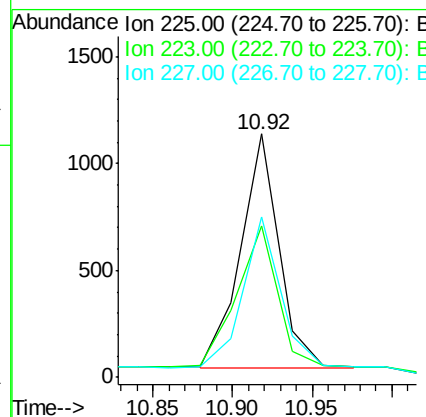
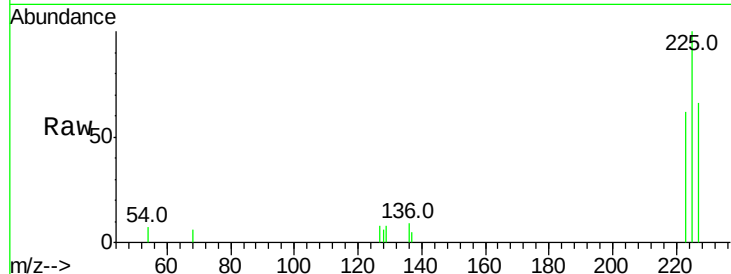
#11
Hexachlorobutadiene
Concen: 0.40 ng m
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
225	100		
223	94.1	49.0	73.6#
227	90.2	50.3	75.5#

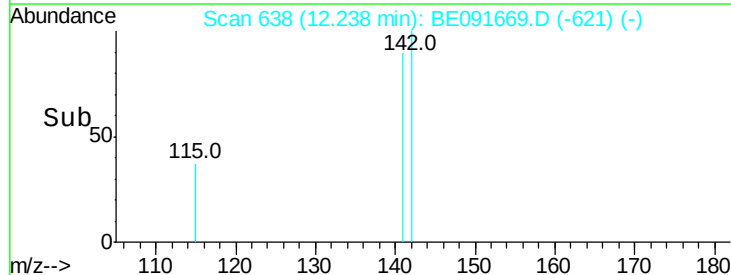
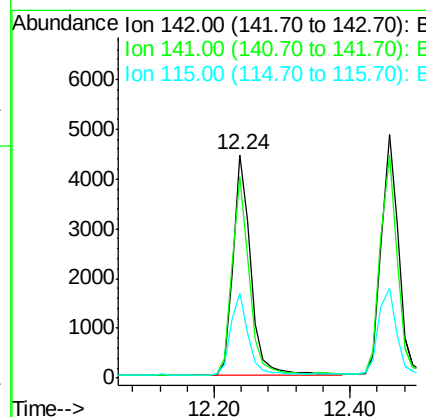
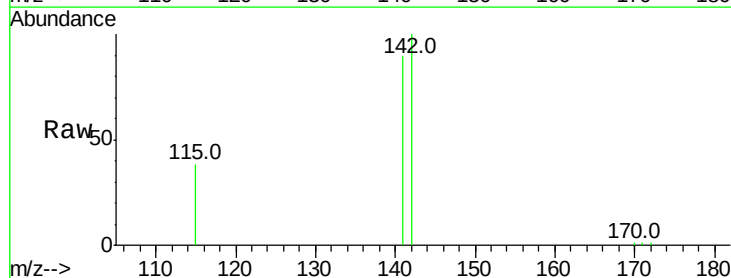
Manual Integrations
APPROVED

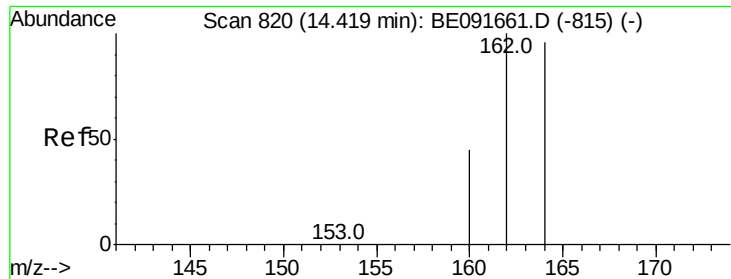
Sohil
4/19/2016 6:40:11 PM



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.0
115	38.2	30.3	45.5





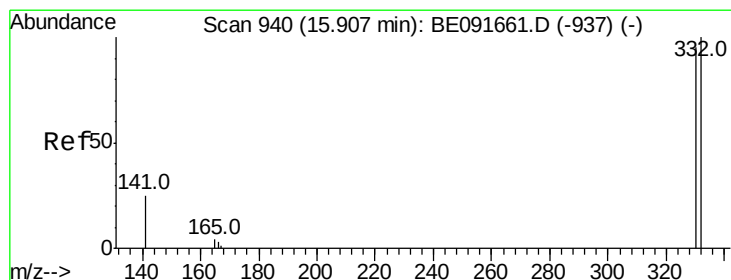
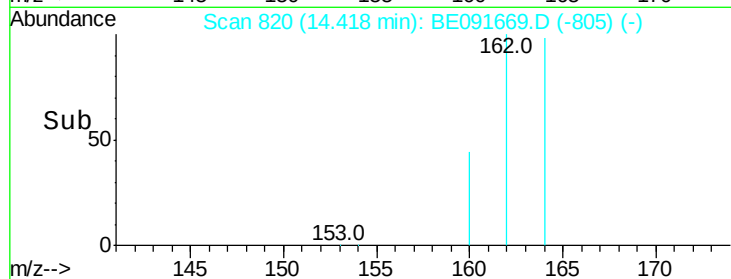
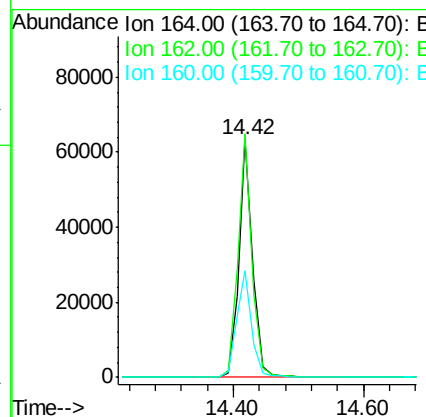
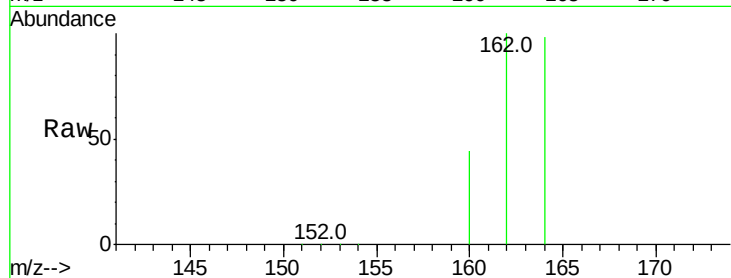
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.3	127.9
160	44.5	46.2	69.2

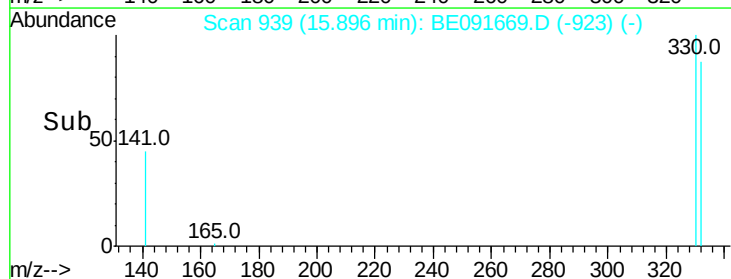
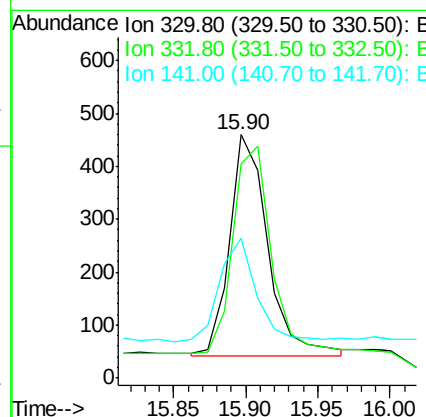
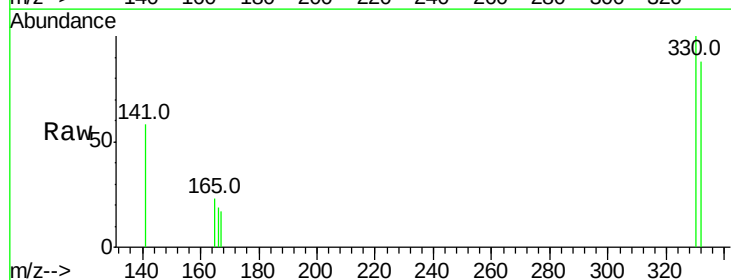
Manual Integrations
APPROVED

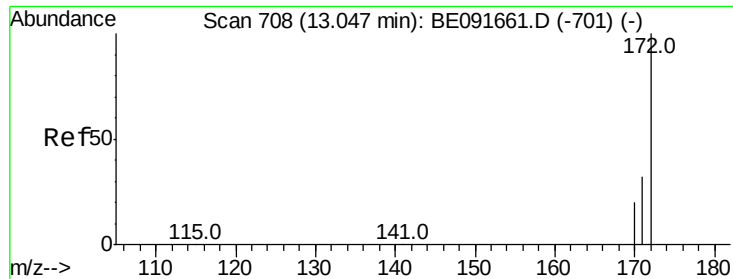
Sohil
4/19/2016 6:40:11 PM



#14
2,4,6-Tribromophenol
Concen: 0.46 ng m
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	163.5	79.1	118.7
141	45.6	125.4	188.0





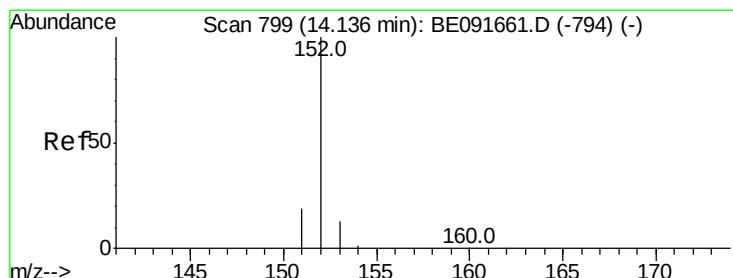
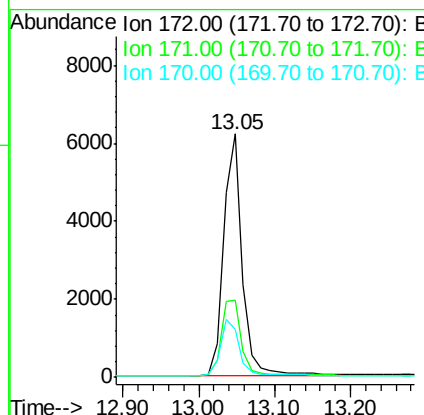
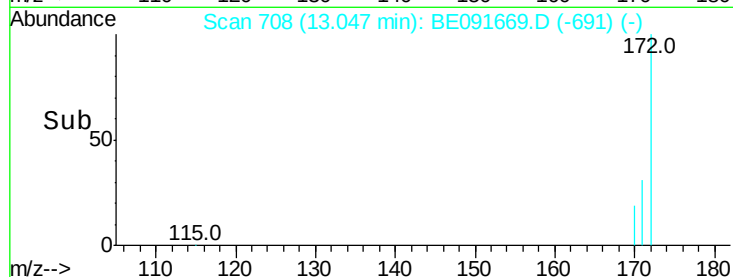
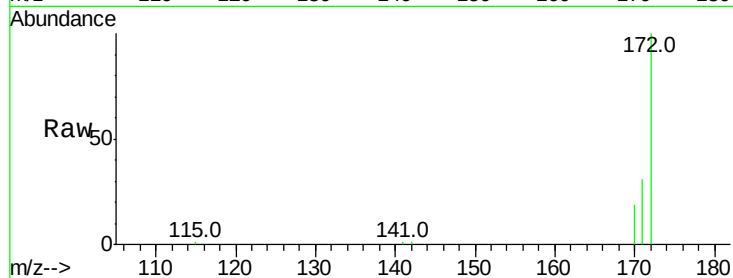
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.5	28.8	43.2
170	19.4	19.3	28.9

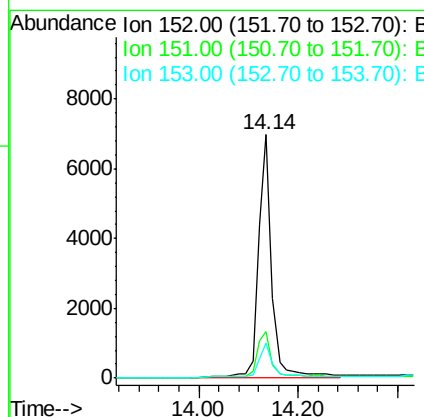
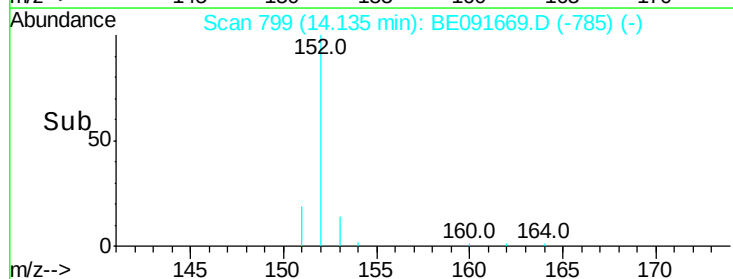
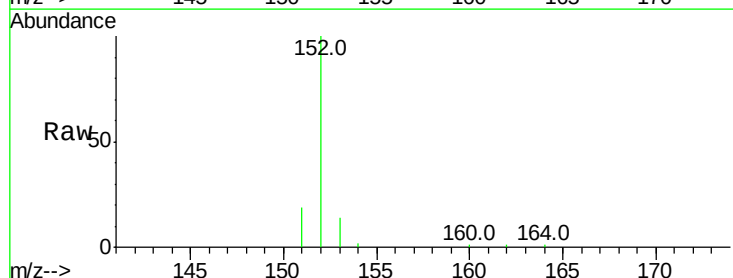
Manual Integrations
APPROVED

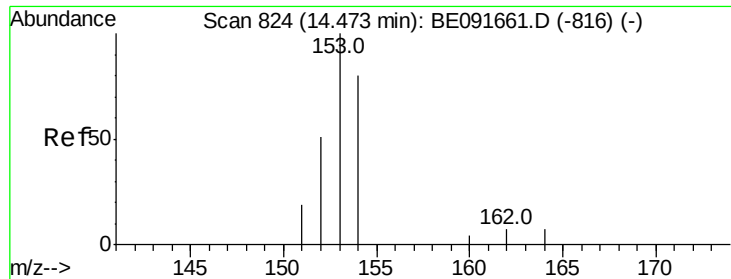
Sohil
4/19/2016 6:40:11 PM



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	3.9	5.9#
153	18.6	10.3	15.5#





#17

Acenaphthene

Concen: 0.42 ng

RT: 14.47 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

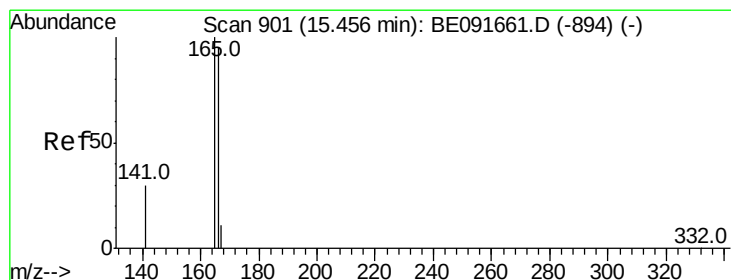
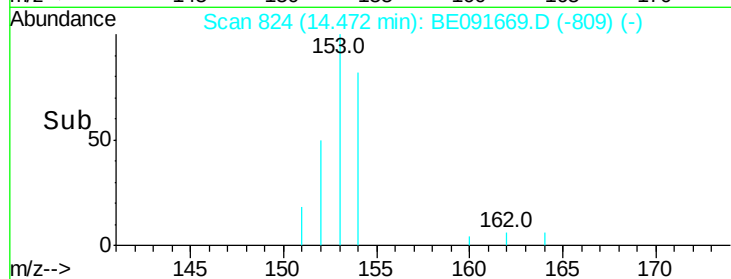
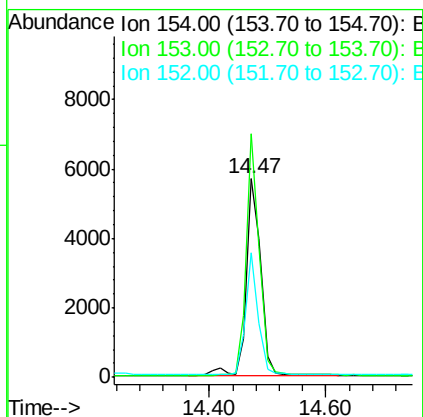
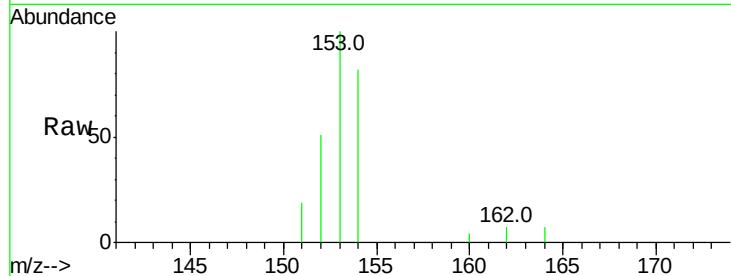
ClientSampleId :

SSTDCCC0.4

Tot Ion:	154	Resp:	9697
Ion	Ratio	Lower	Upper
154	100		
153	110.1	80.0	120.0
152	54.4	40.0	60.0

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#18

Fluorene

Concen: 0.40 ng

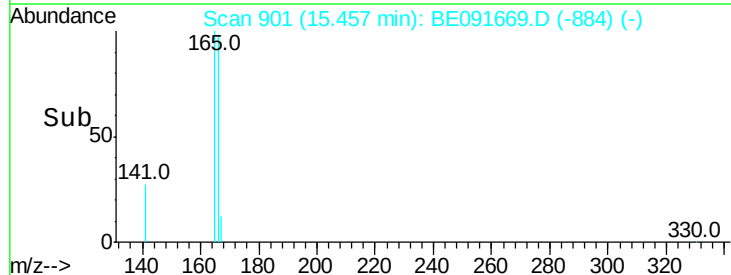
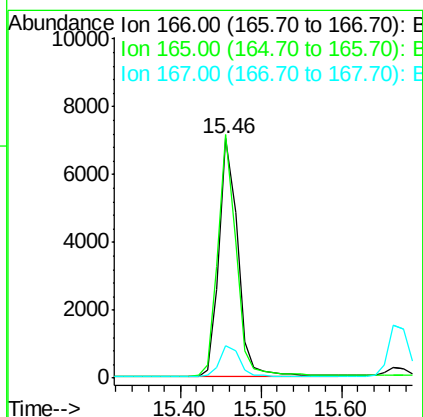
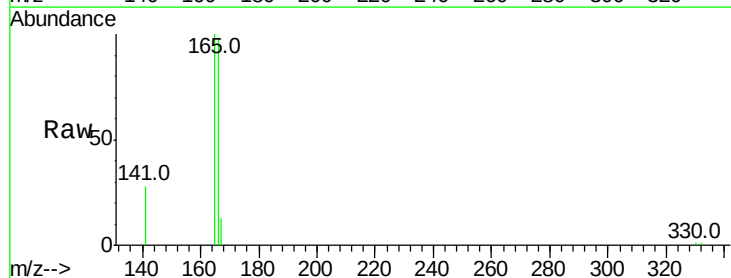
RT: 15.46 min Scan# 901

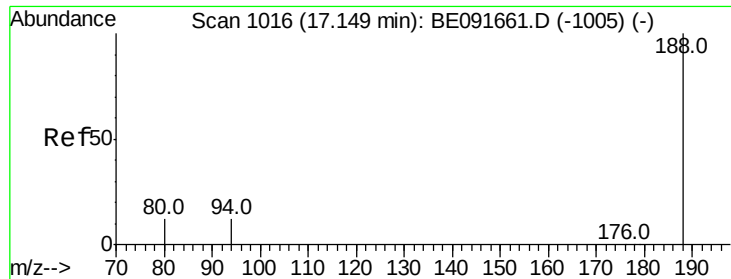
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:	166	Resp:	11387
Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.8	121.2
167	13.5	10.9	16.3





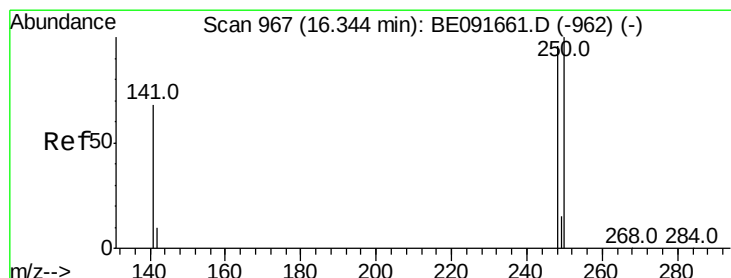
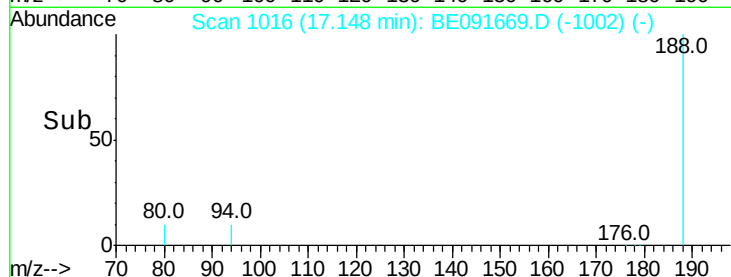
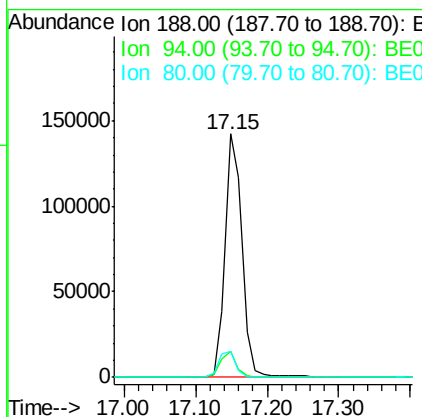
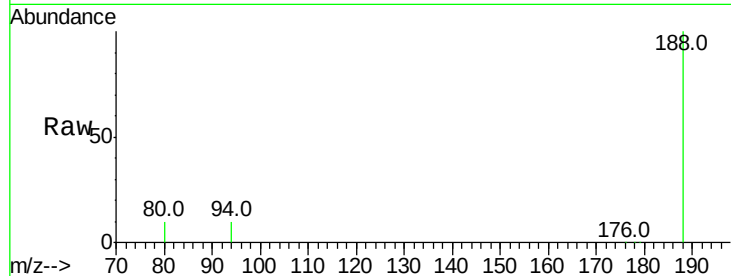
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.7	13.1
80	10.4	9.4	14.0

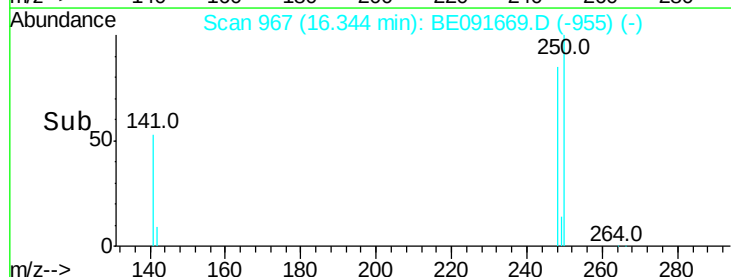
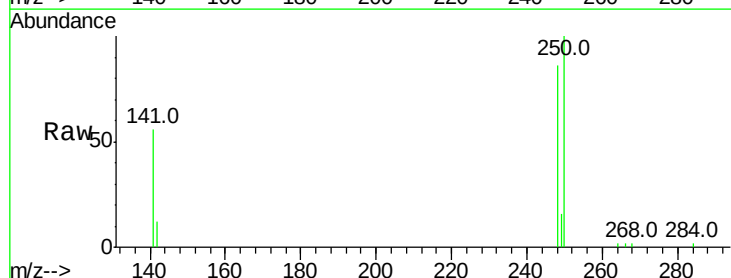
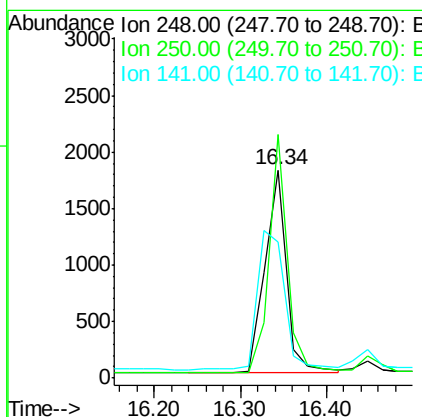
Manual Integrations
APPROVED

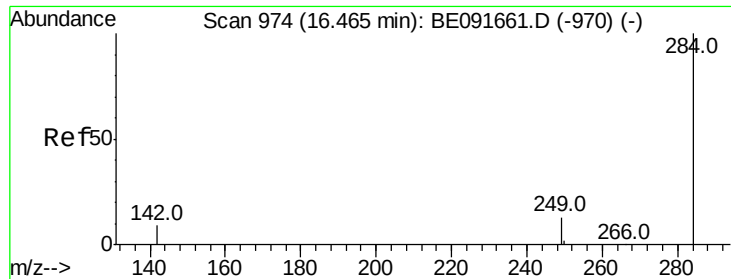
Sohil
4/19/2016 6:40:11 PM



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	99.8	80.5	120.7
141	86.9	72.0	108.0





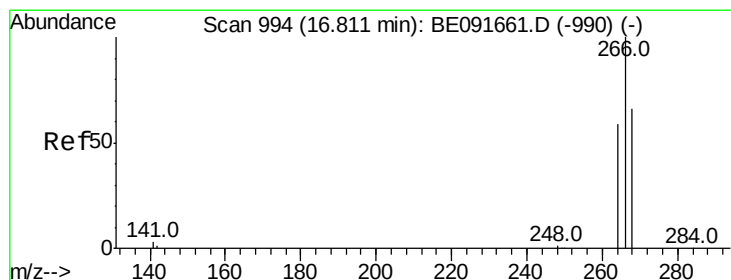
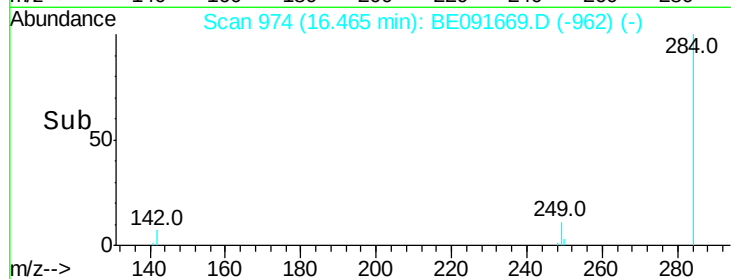
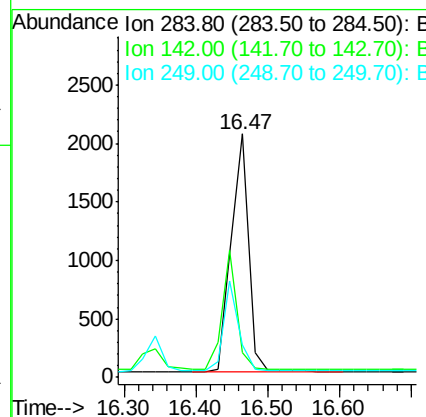
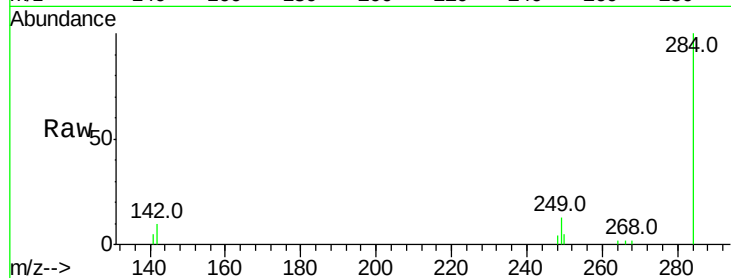
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.9	32.2	48.2
249	33.8	25.4	38.2

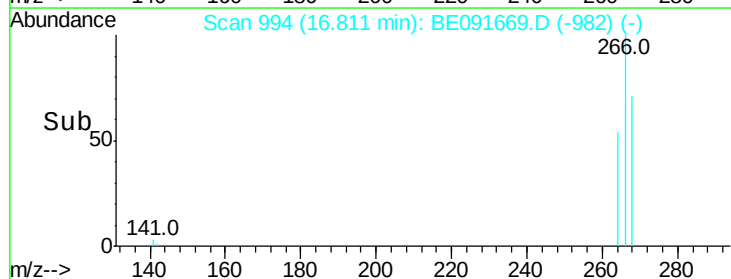
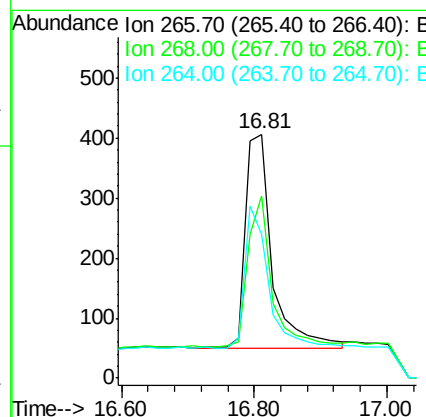
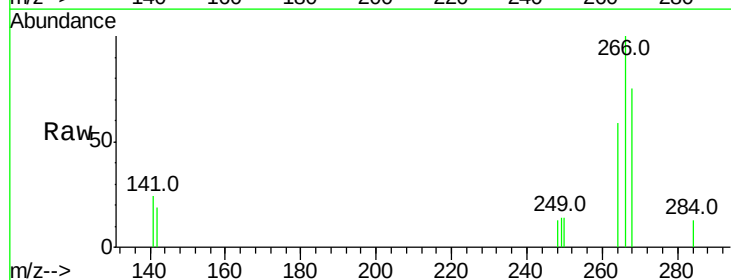
Manual Integrations
APPROVED

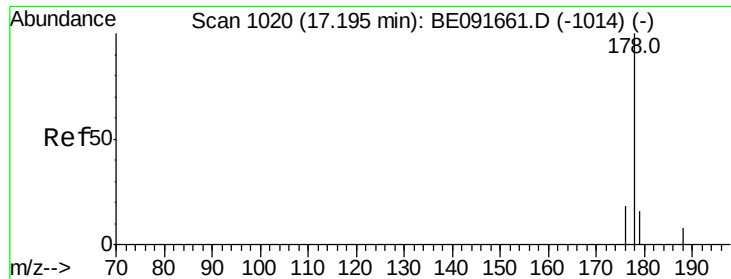
Sohil
4/19/2016 6:40:11 PM



#22
Pentachlorophenol
Concen: 0.52 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	74.9	58.2	87.2
264	59.1	56.2	84.4





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 21866

Ion Ratio Lower Upper

178 100

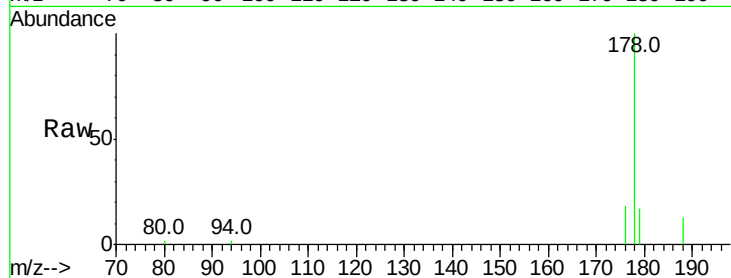
176 19.2 15.3 22.9

179 16.7 12.6 18.8

Manual Integrations
APPROVED

Sohil

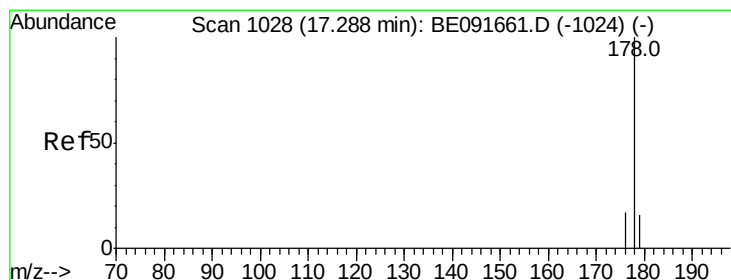
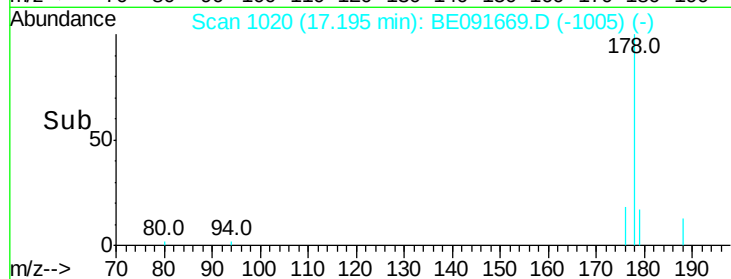
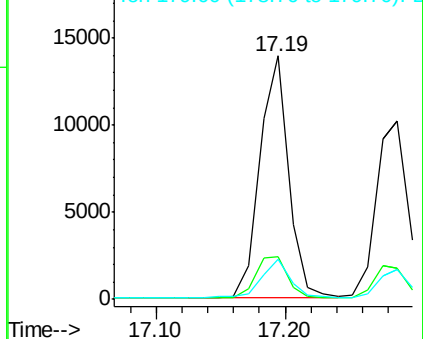
4/19/2016 6:40:11 PM



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



#24

Anthracene

Concen: 0.39 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:178 Resp: 18458

Ion Ratio Lower Upper

178 100

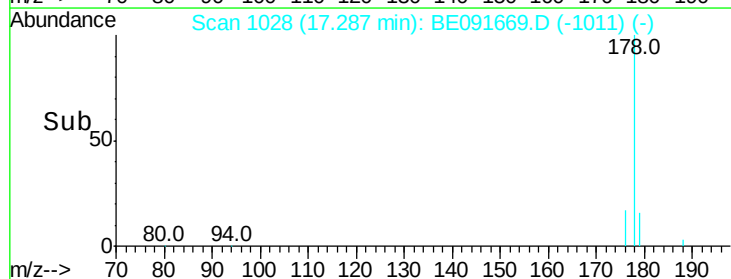
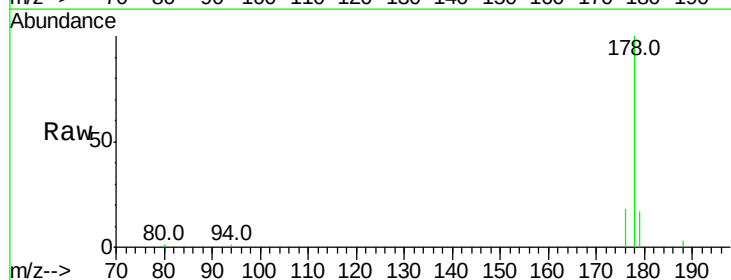
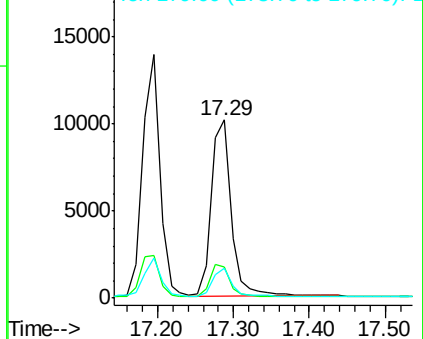
176 18.8 14.6 21.8

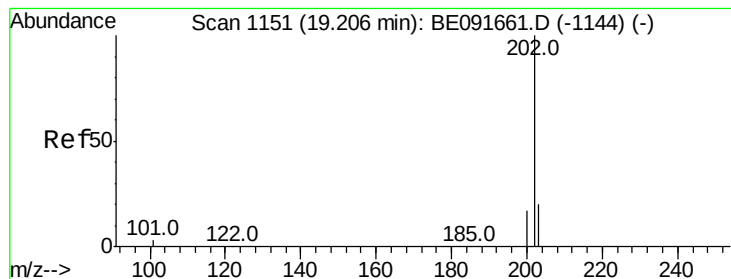
179 15.0 11.8 17.6

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





#25

Fluoranthene

Concen: 0.41 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

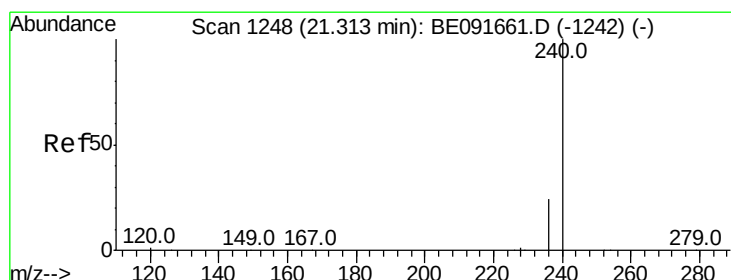
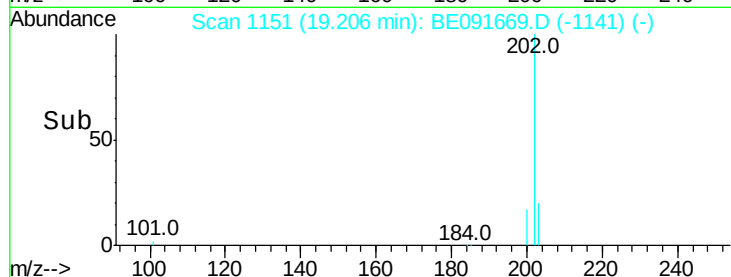
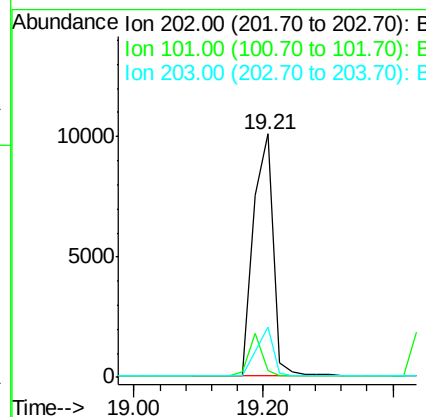
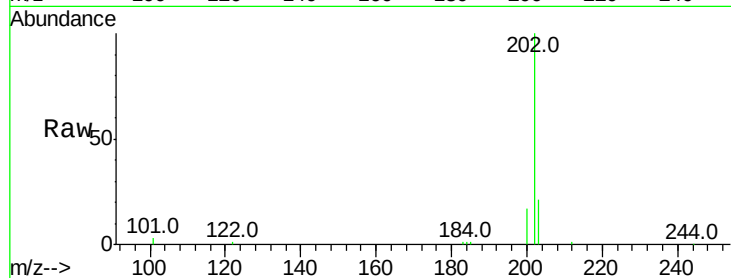
ClientSampleId :

SSTDCCC0.4

Tot Ion:	202	Resp:	21407
Ion Ratio	Lower	Upper	
202	100		
101	12.1	11.0	16.6
203	17.6	13.9	20.9

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#26

Chrysene-d12

Concen: 5.00 ng

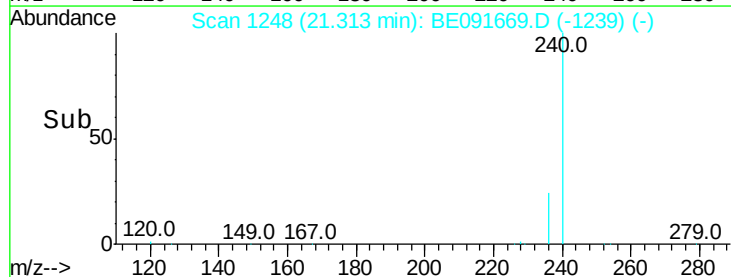
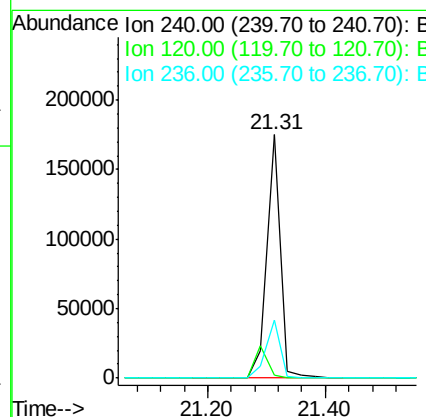
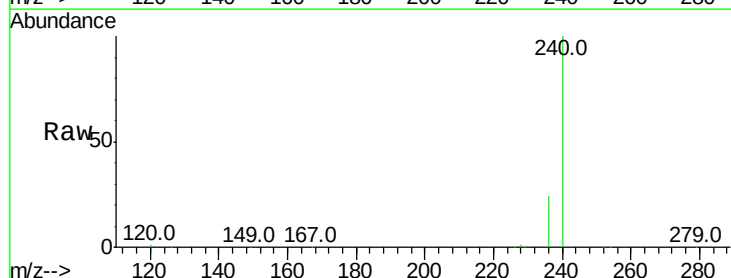
RT: 21.31 min Scan# 1248

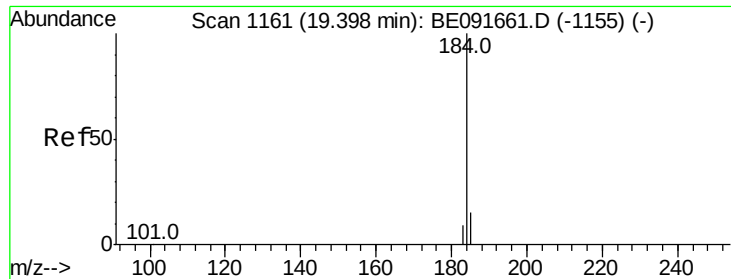
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:	240	Resp:	281193
Ion Ratio	Lower	Upper	
240	100		
120	1.2	11.0	16.4#
236	23.7	21.7	32.5





#27

Benzidine

Concen: 0.47 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

ClientSampleId :

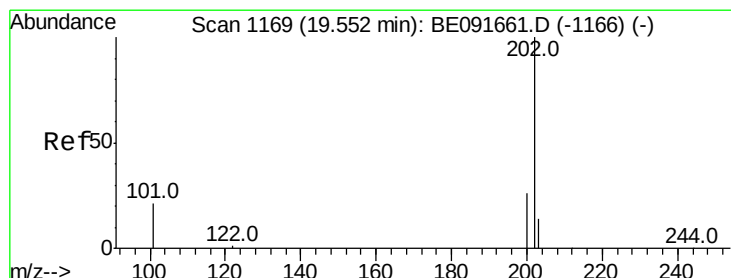
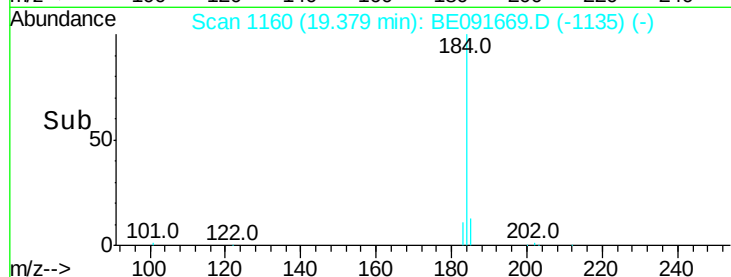
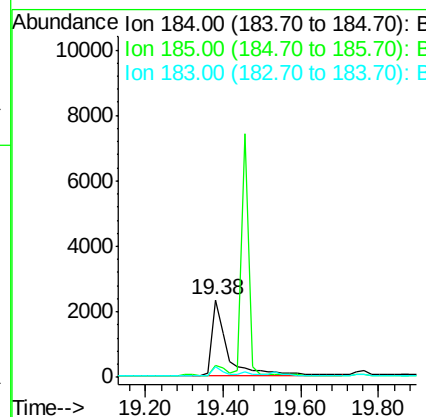
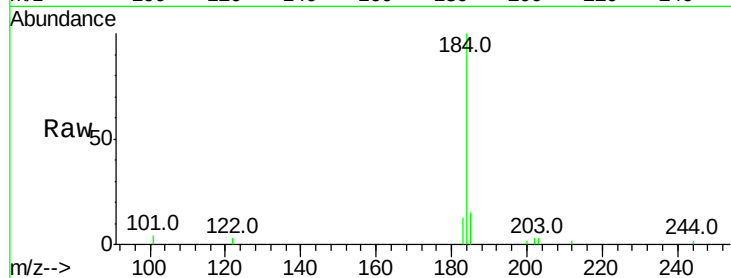
SSTDCCC0.4

Tot Ion:184 Resp: 6249

Ion	Ratio	Lower	Upper
184	100		
185	15.0	22.3	33.5#
183	13.4	16.4	24.6#

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#28

Pyrene

Concen: 0.47 ng

RT: 19.55 min Scan# 1169

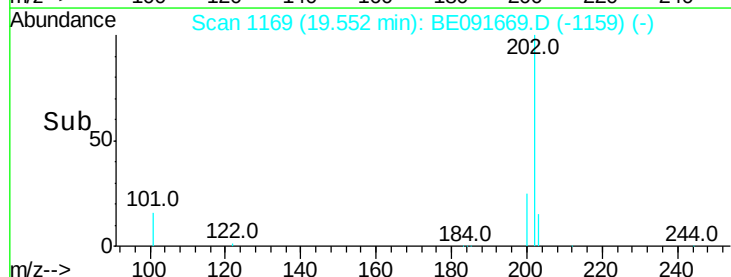
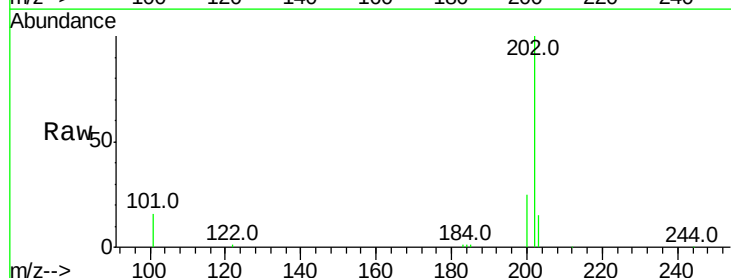
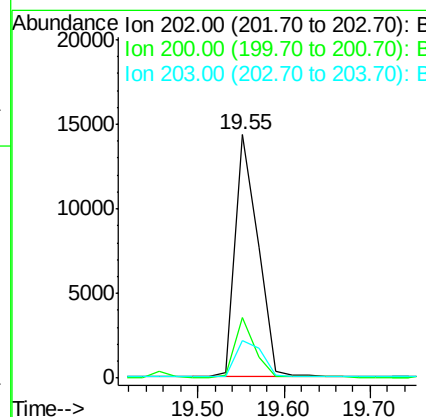
Delta R.T. 0.00 min

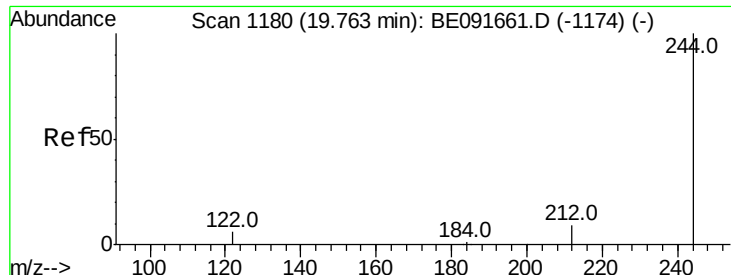
Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:202 Resp: 26332

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	17.5	14.0	21.0





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

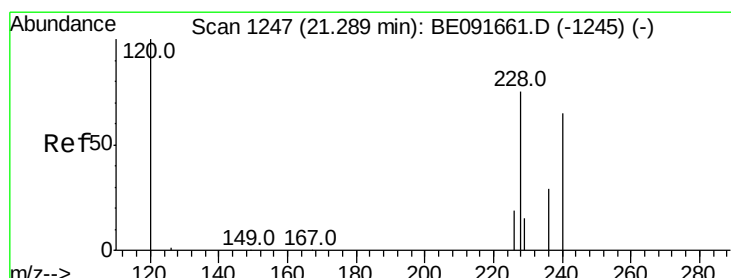
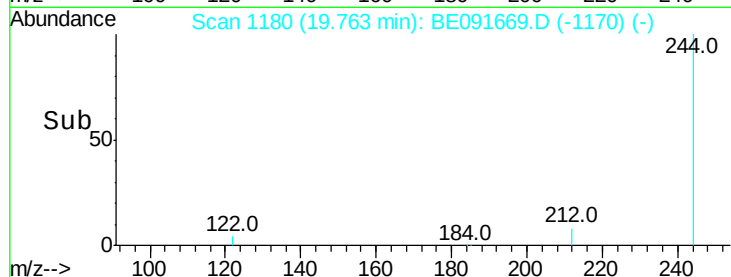
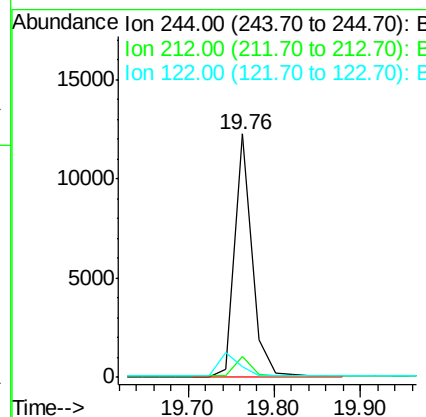
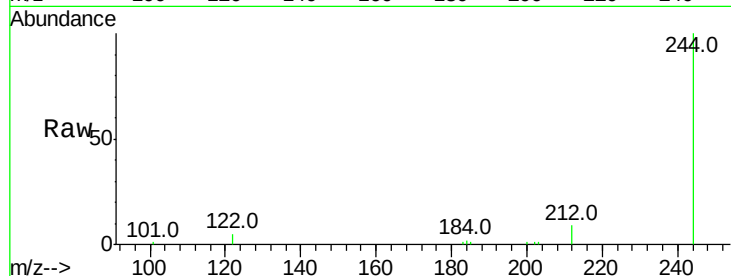
ClientSampleId :

SSTDCCC0.4

Tot Ion:	244	Resp:	17042
Ion Ratio	Lower	Upper	
244	100		
212	8.8	6.9	10.3
122	4.6	11.0	16.4#

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#30

Benzo(a)anthracene

Concen: 0.43 ng m

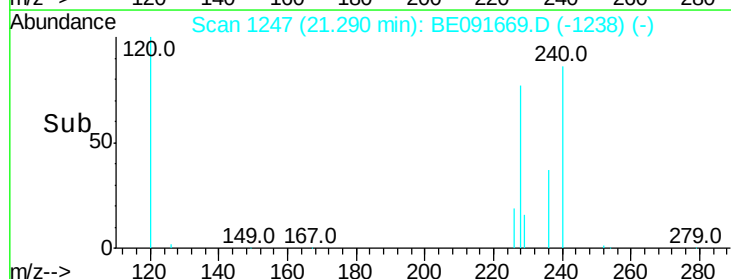
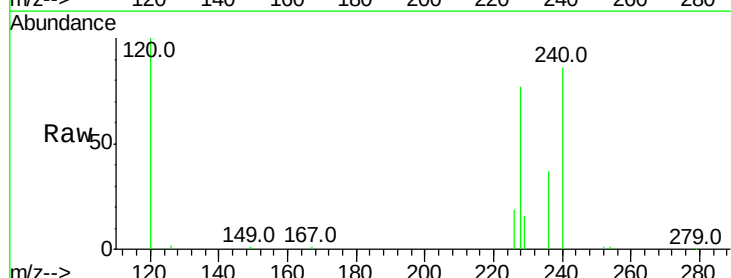
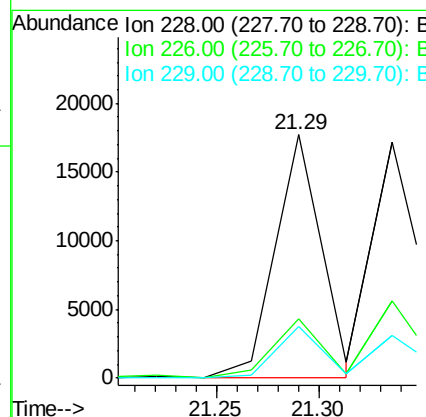
RT: 21.29 min Scan# 1247

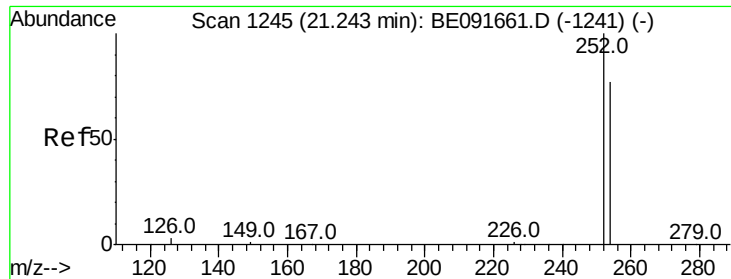
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:	228	Resp:	27811
Ion Ratio	Lower	Upper	
228	100		
226	24.5	21.0	31.4
229	21.0	15.7	23.5





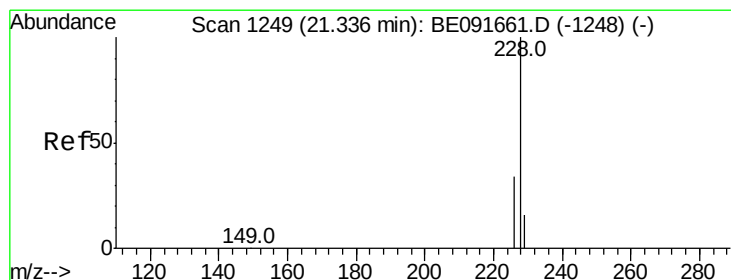
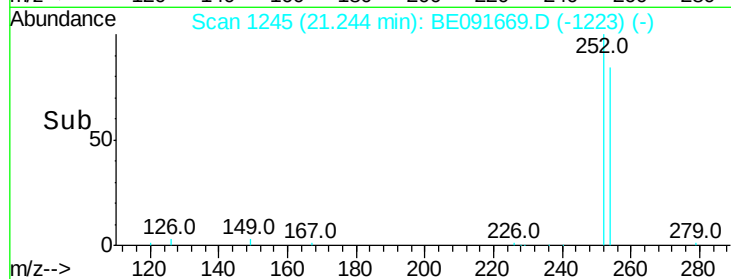
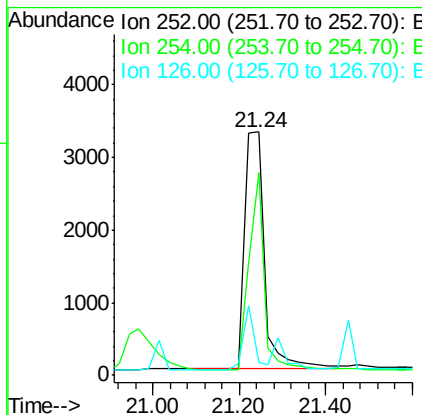
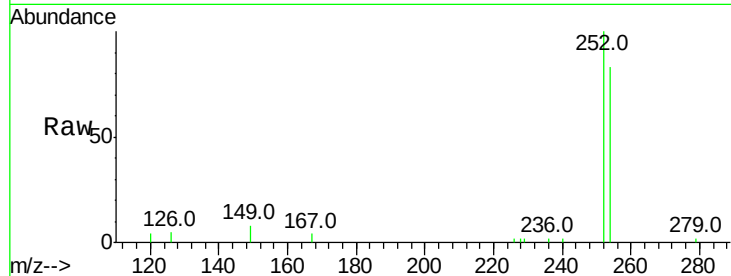
#31
 3,3'-Dichlorobenzidine
 Concen: 0.48 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
254	83.5	51.1	76.7#
126	5.4	12.6	18.8#

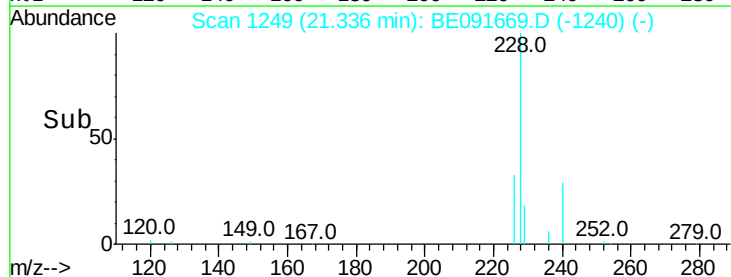
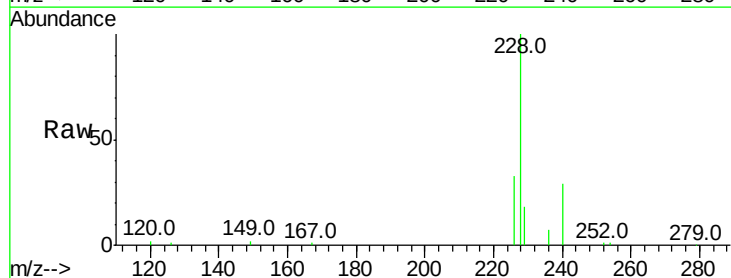
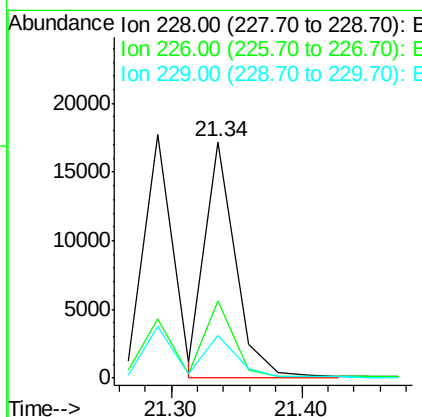
Manual Integrations
 APPROVED

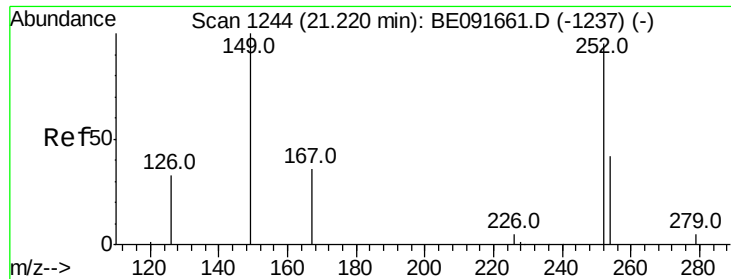
Sohil
 4/19/2016 6:40:11 PM



#32
 Chrysene
 Concen: 0.43 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.0	36.0
229	17.8	15.9	23.9





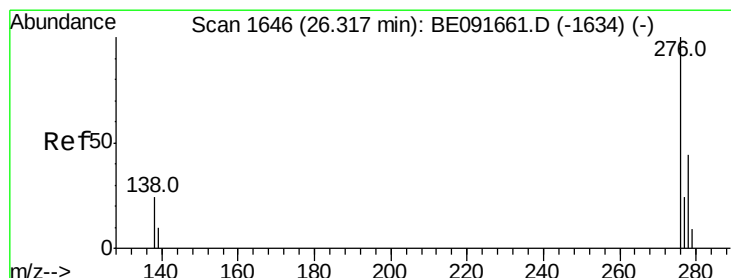
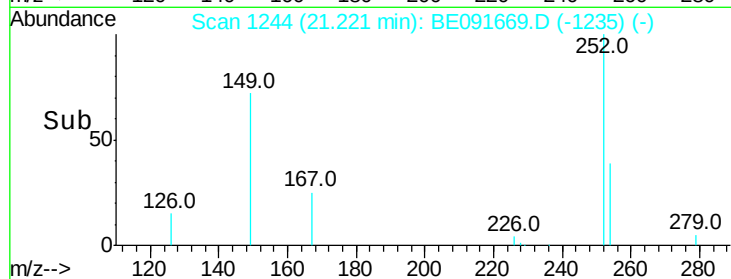
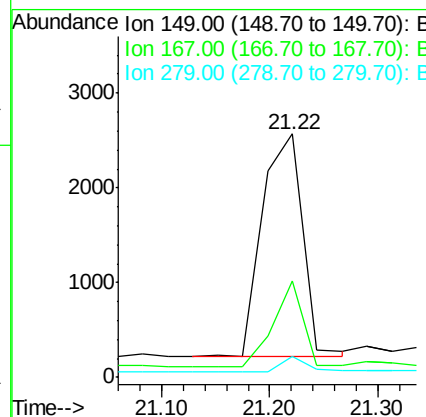
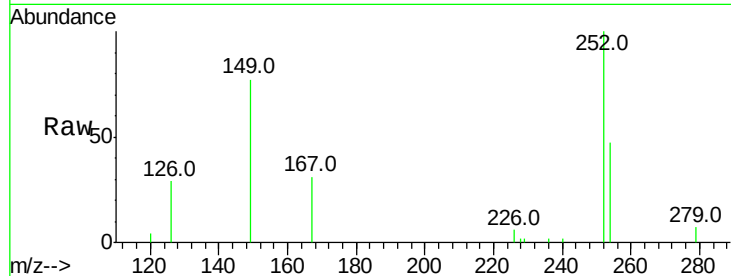
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.57 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	19.5	29.3
279	4.1	10.0	15.0

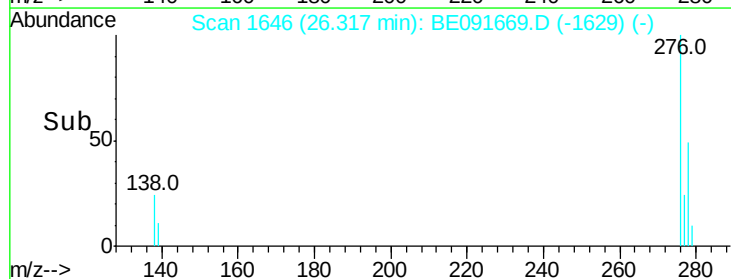
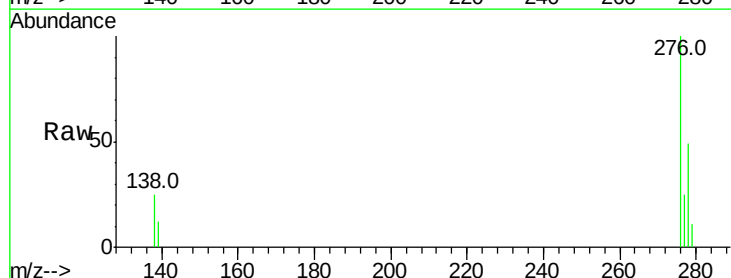
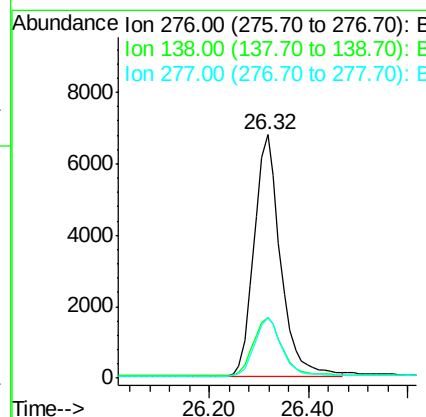
Manual Integrations
 APPROVED

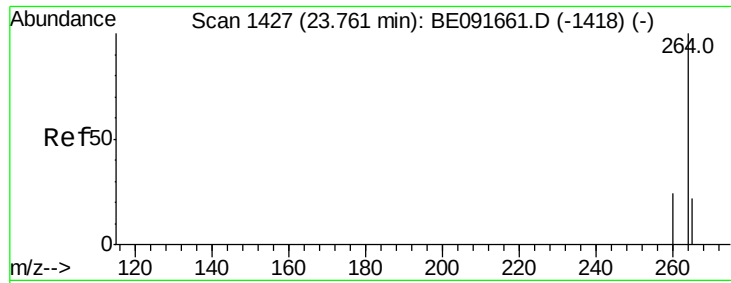
Sohil
 4/19/2016 6:40:11 PM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.2
277	24.7	19.8	29.8





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Instrument :

BNA_E

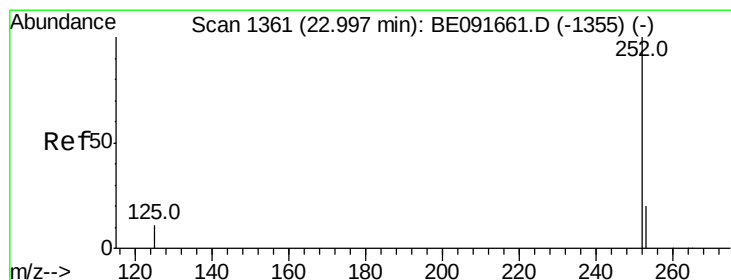
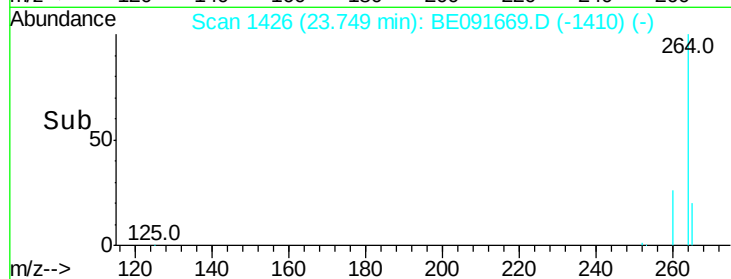
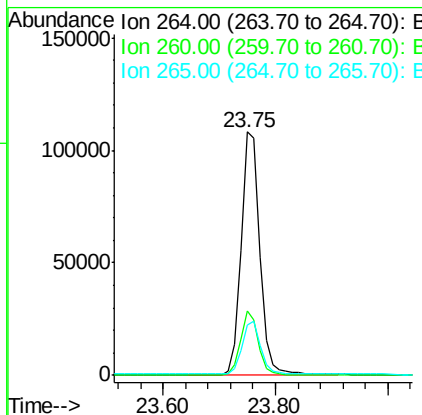
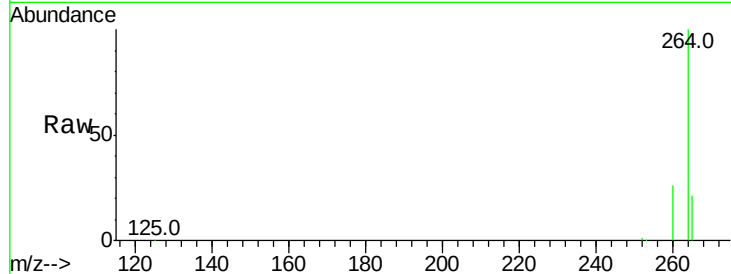
ClientSampleId :

SSTDCCC0.4

Tot Ion:	264	Resp:	255683
Ion Ratio	Lower	Upper	
264	100		
260	26.3	20.0	30.0
265	20.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/19/2016 6:40:11 PM



#36

Benzo(b)fluoranthene

Concen: 0.42 ng

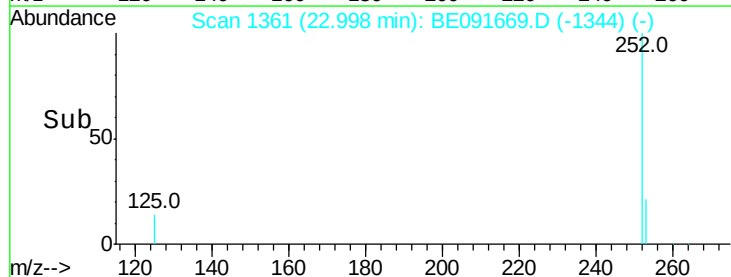
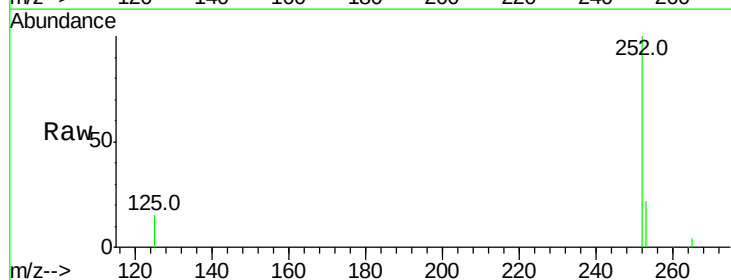
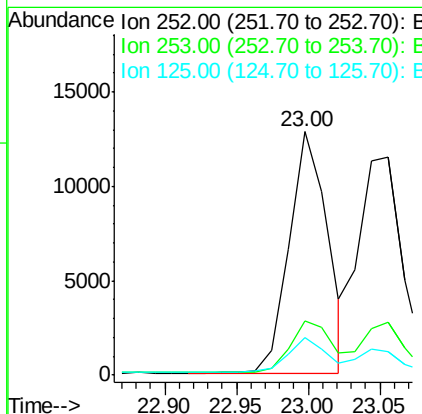
RT: 23.00 min Scan# 1361

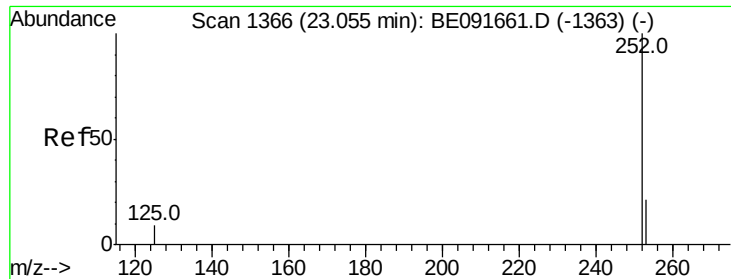
Delta R.T. 0.00 min

Lab File: BE091669.D

Acq: 18 Apr 2016 17:45

Tgt Ion:	252	Resp:	23690
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	15.2	10.2	15.2





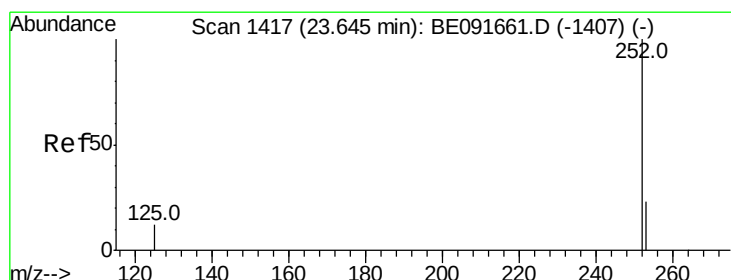
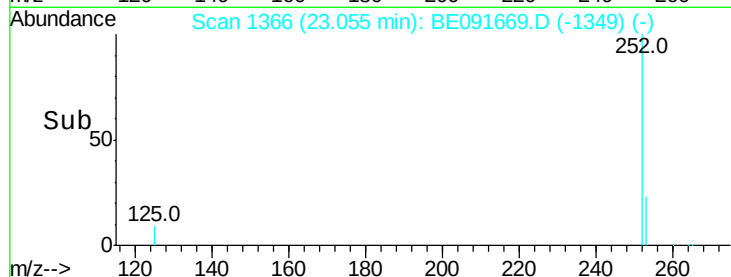
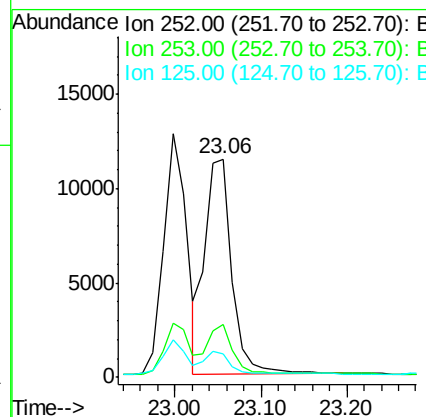
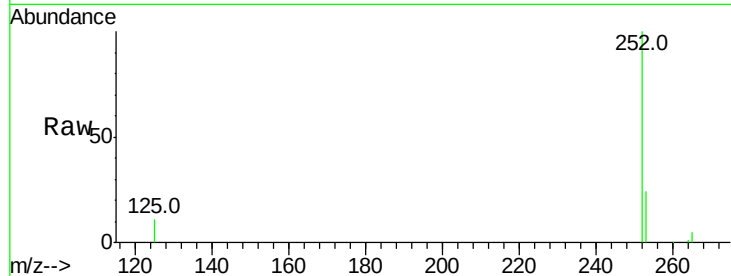
#37
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	10.8	9.9	14.9

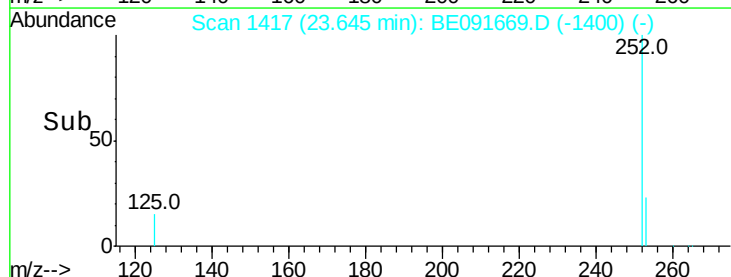
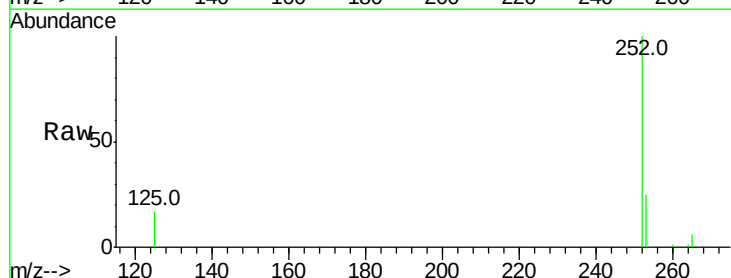
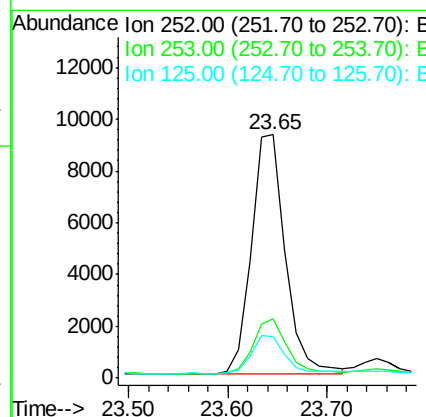
Manual Integrations
APPROVED

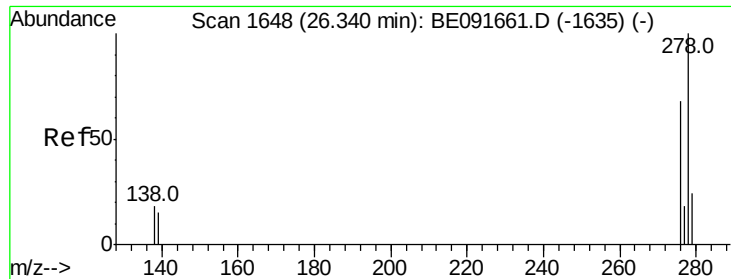
Sohil
4/19/2016 6:40:11 PM



#38
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091669.D
Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	17.1	11.0	16.4#





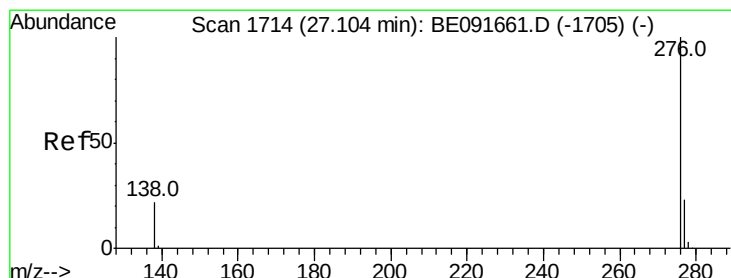
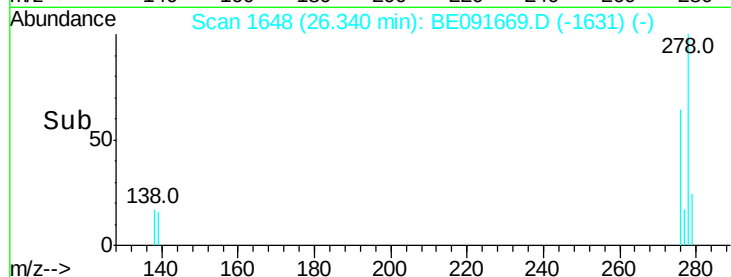
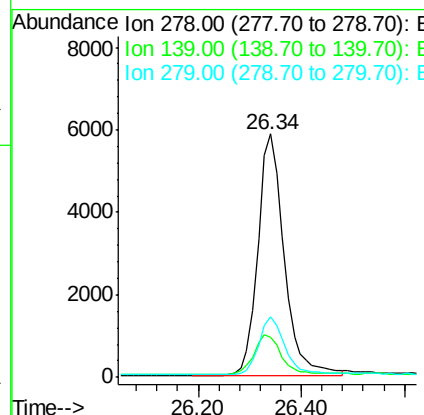
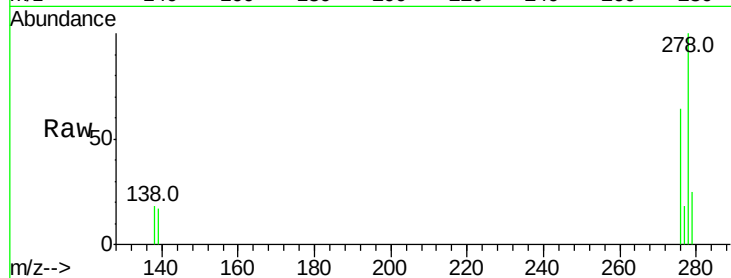
#39
 Dibenzo(a,h)anthracene
 Concen: 0.40 ng
 RT: 26.34 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.0	24.0
279	24.9	19.4	29.2

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:40:11 PM



#40
 Benzo(g,h,i)perylene
 Concen: 0.40 ng
 RT: 27.10 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BE091669.D
 Acq: 18 Apr 2016 17:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	22.0	20.4	30.6

