

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
 Data File : BE097344.D
 Acq On : 20 Aug 2018 22:34
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

Sohil
 8/21/2018 4:49:45 PM

Quant Time: Aug 21 05:29:12 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 20 18:32:10 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1096	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6188	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	3406	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7949	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7487	0.40	ng	-0.01
34) Perylene-d12	23.22	264	6471	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	1276	0.51	ng	0.00
5) Phenol-d6	6.59	99	1932	0.52	ng	0.00
8) Nitrobenzene-d5	8.52	82	1502	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3670	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	329	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5160	0.37	ng	0.00
25) Fluoranthene-d10	18.80	212	30910	0.44	ng	0.00
29) Terphenyl-d14	19.42	244	6145	0.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	652	0.398	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	710	0.468	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	1642	0.443	ng	95
9) Naphthalene	10.18	128	23030	0.406	ng	100
10) Hexachlorobutadiene	10.48	225	952	0.382	ng	97
12) 2-Methylnaphthalene	11.80	142	3717	0.435	ng	99
16) Acenaphthylene	13.73	152	5292	0.408	ng	100
17) Acenaphthene	14.07	154	3690	0.403	ng	94
18) Fluorene	15.06	166	4411	0.394	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1530	0.426	ng	# 83
21) Hexachlorobenzene	16.08	284	1838	0.382	ng	# 81
22) Pentachlorophenol	16.44	266	238	0.643	ng	85
23) Phenanthrene	16.80	178	7777	0.401	ng	99
24) Anthracene	16.89	178	6421	0.447	ng	96
26) Fluoranthene	18.84	202	8229	0.441	ng	98
28) Pyrene	19.20	202	8762	0.436	ng	100
30) Benzo(a)anthracene	20.96	228	6952	0.432	ng	98
31) Chrysene	21.00	228	8496	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	5657	0.636	ng	100
33) Indeno(1,2,3-cd)pyrene	25.54	276	6607	0.493	ng	# 91
35) Benzo(b)fluoranthene	22.54	252	6197	0.363	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	8057m	0.336	ng	
37) Benzo(a)pyrene	23.12	252	6408	0.412	ng	94
38) Dibenzo(a,h)anthracene	25.55	278	4953	0.373	ng	98
39) Benzo(g,h,i)perylene	26.22	276	5161	0.386	ng	# 92

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

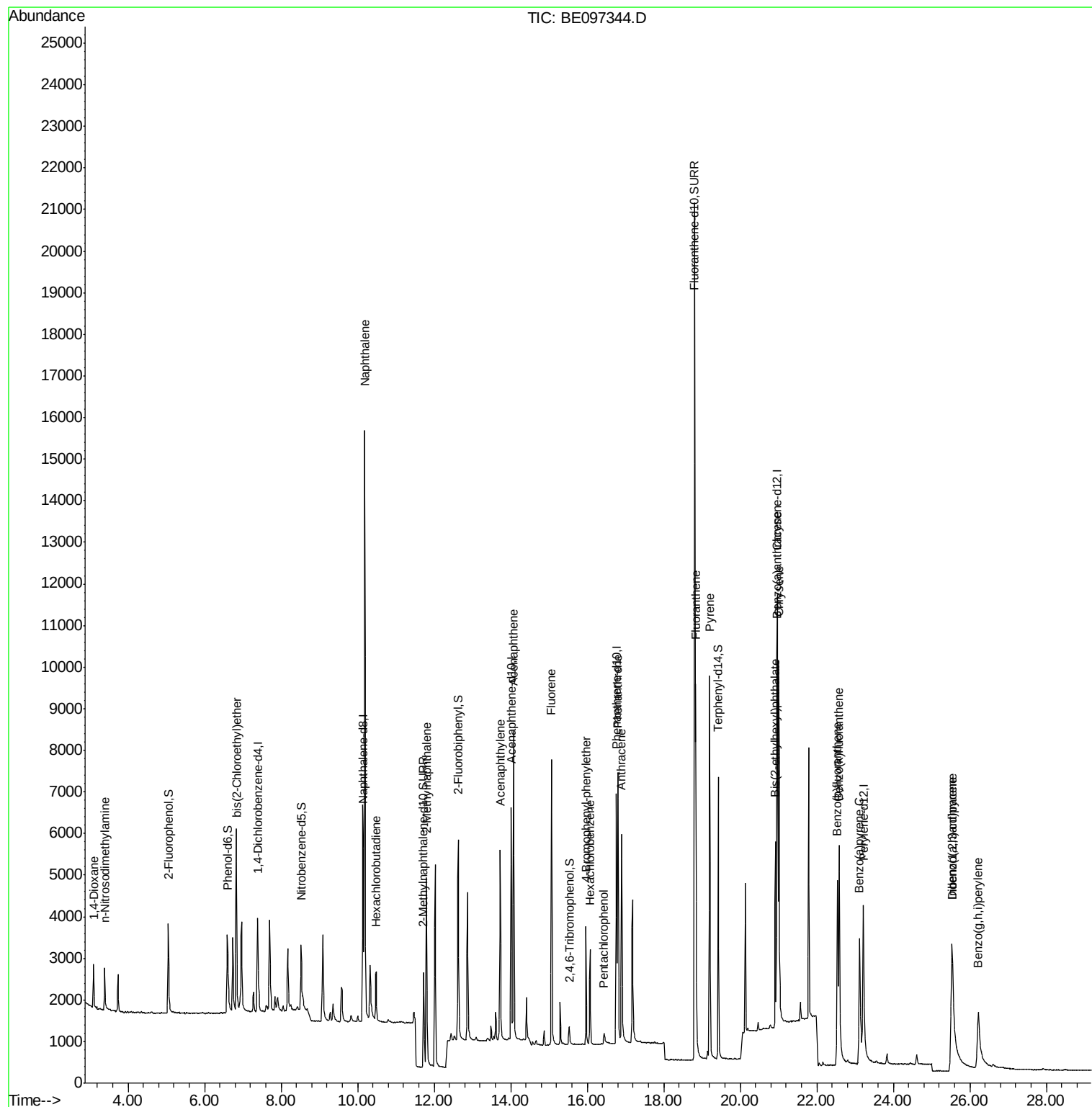
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
Data File : BE097344.D
Acq On : 20 Aug 2018 22:34
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

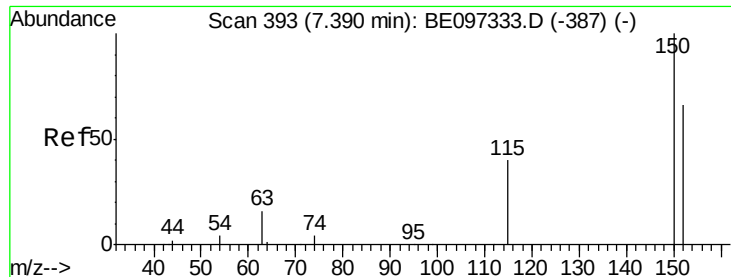
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM

Quant Time: Aug 21 05:29:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 20 18:32:10 2018
Response via : Initial Calibration





#1

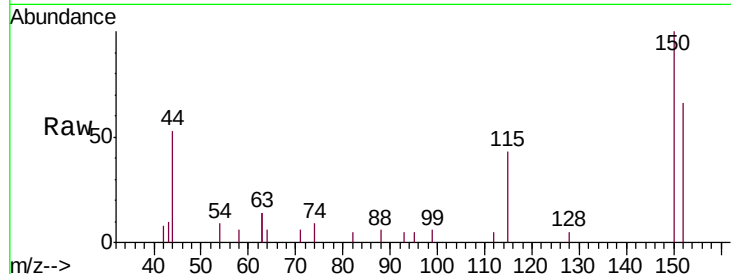
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

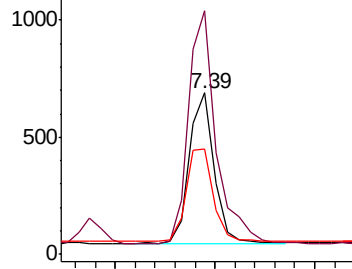
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	117.2	175.8
115	65.4	57.0	85.6

Manual Integrations
APPROVED

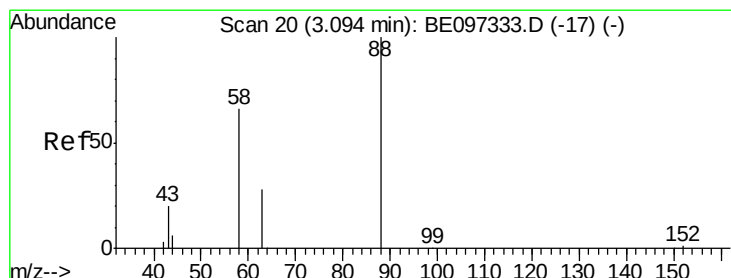
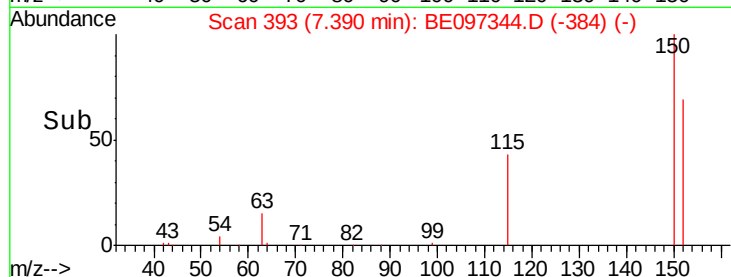
Sohil
8/21/2018 4:49:45 PM



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



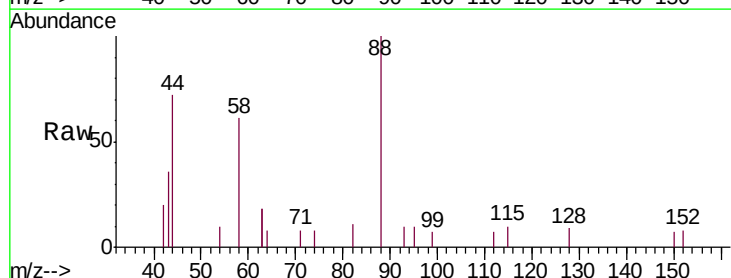
Time-->



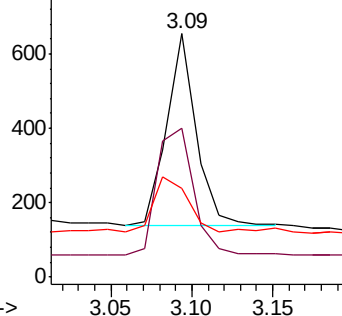
#2

1,4-Dioxane
Concen: 0.398 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

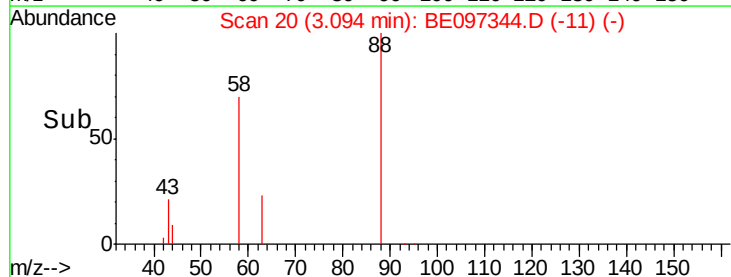
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.2	94.8
43	33.3	41.2	61.8#

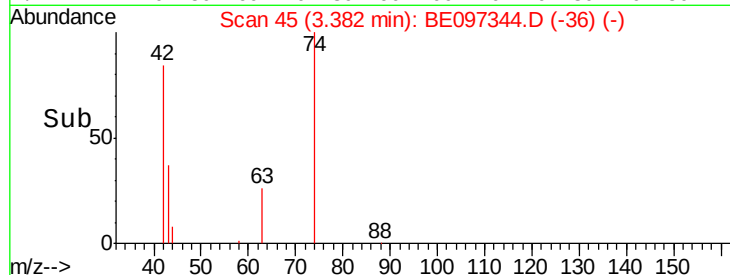
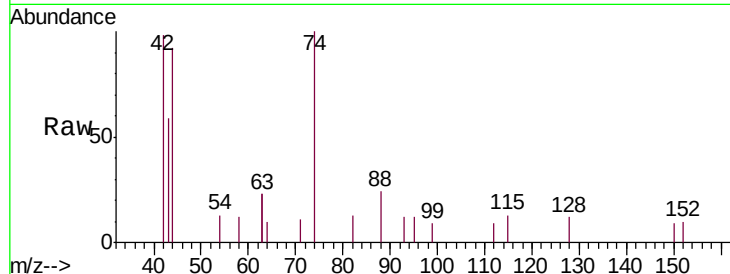
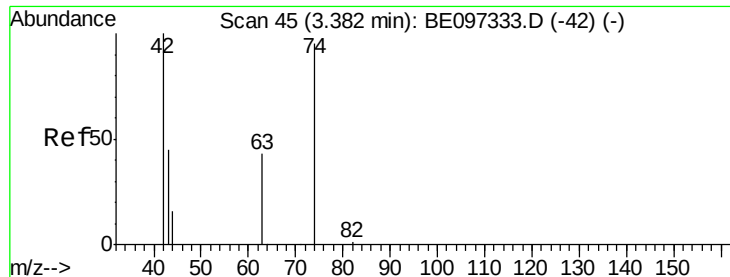


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





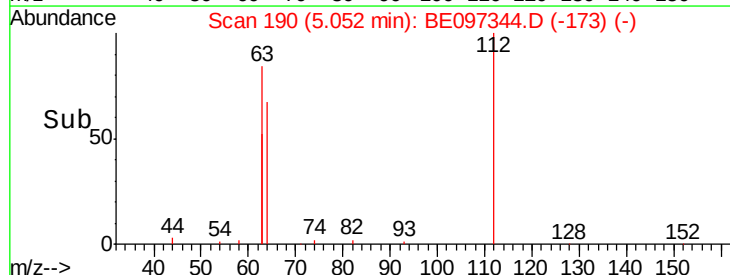
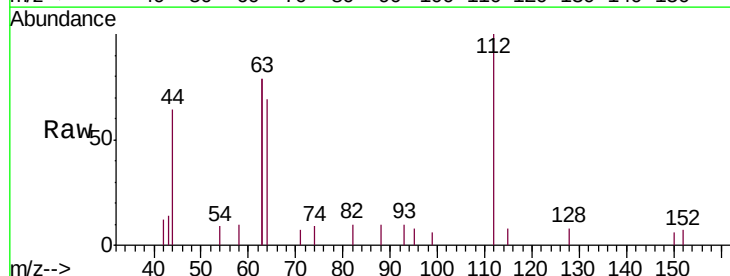
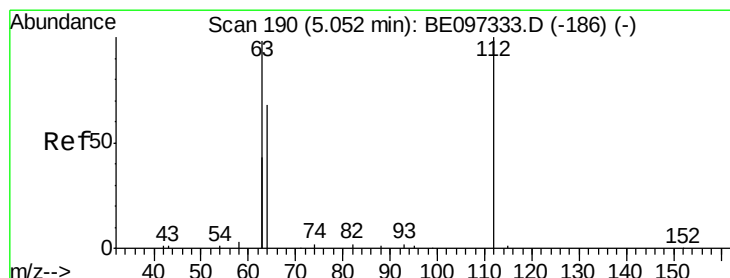
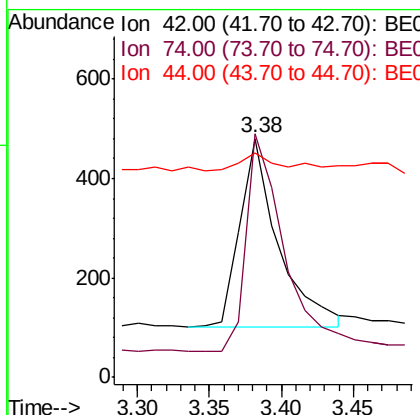
#3
n-Nitrosodimethylamine
Concen: 0.468 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.4	96.0	144.0
44	7.0	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

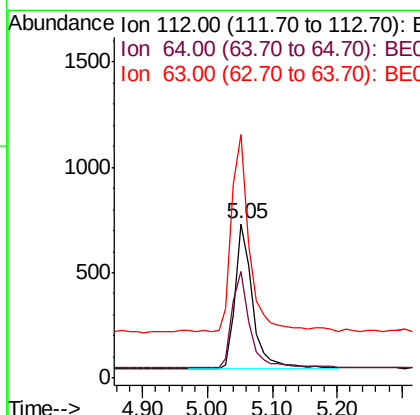
Manual Integrations
APPROVED

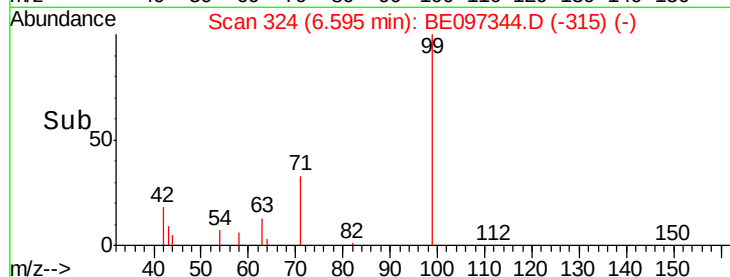
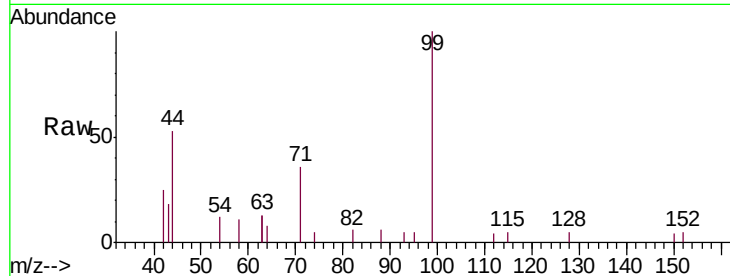
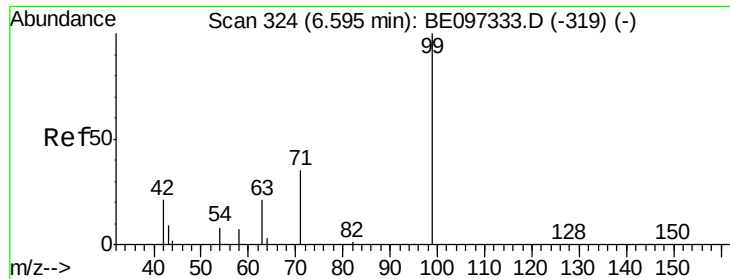
Sohil
8/21/2018 4:49:45 PM



#4
2-Fluorophenol
Concen: 0.508 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	60.1	90.1
63	140.2	116.8	175.2





#5

Phenol-d6

Concen: 0.519 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion:	99	Resp:	1932
Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.2	30.2
71	33.0	28.4	42.6

Instrument :

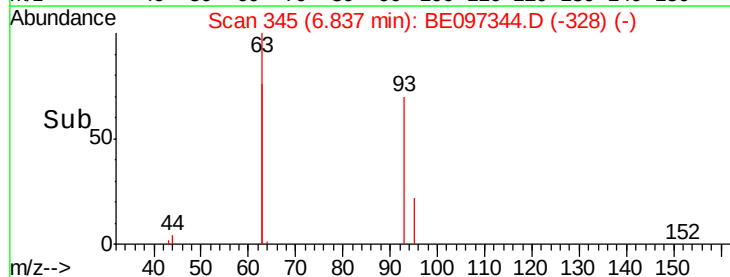
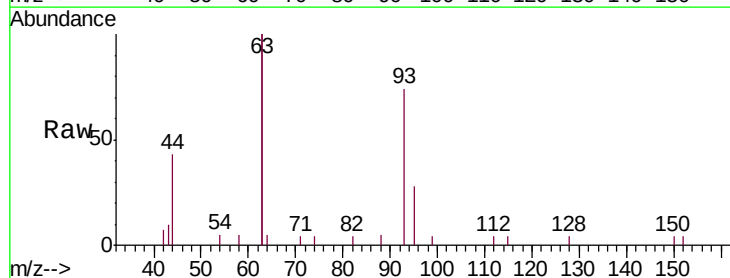
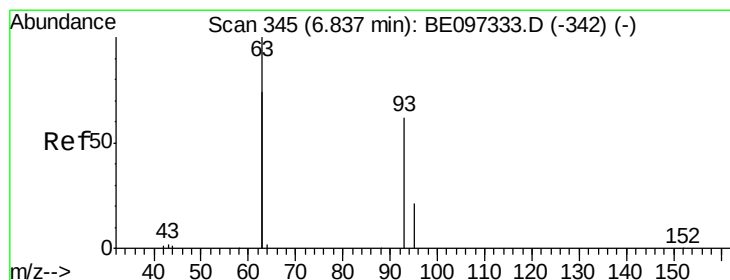
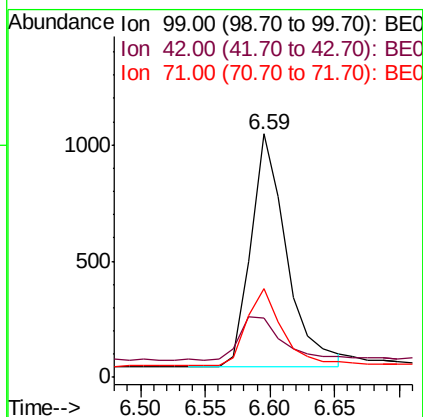
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.443 ng

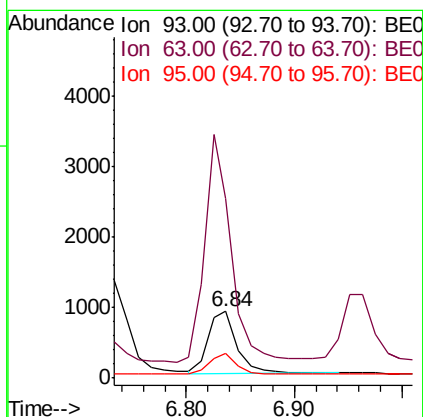
RT: 6.84 min Scan# 345

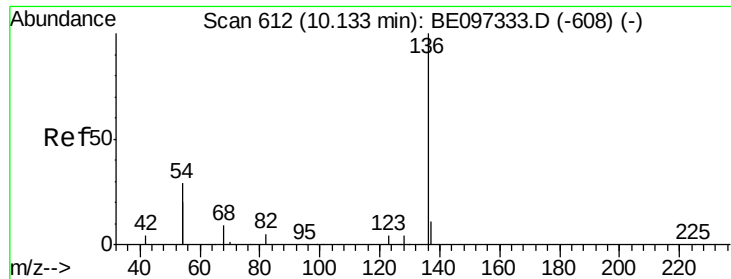
Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion:	93	Resp:	1642
Ion	Ratio	Lower	Upper
93	100		
63	333.1	275.3	412.9
95	33.6	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

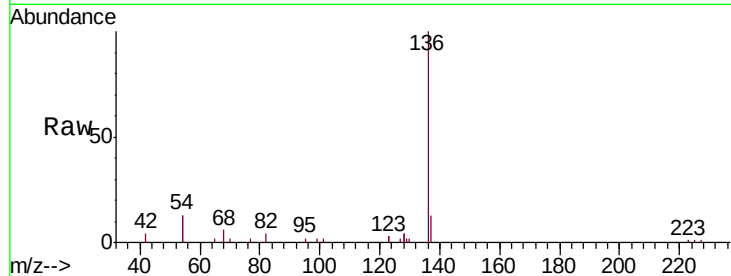
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	6188		
137	12.6	9.5	14.3	
54	25.3	29.1	43.7	
68	5.8	6.2	9.2	

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM

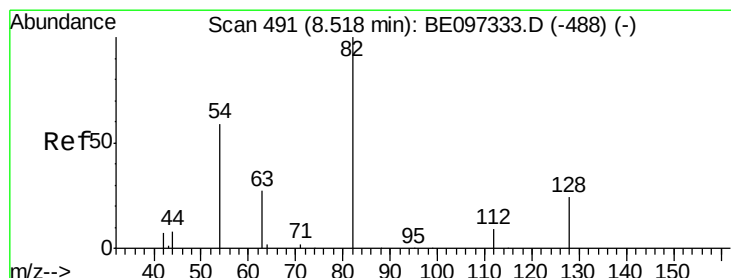
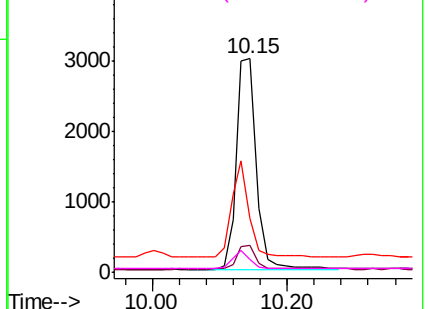
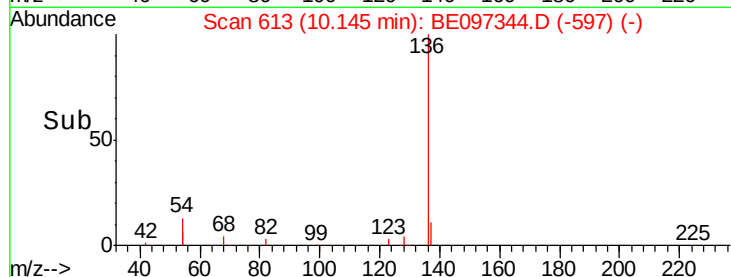


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.567 ng

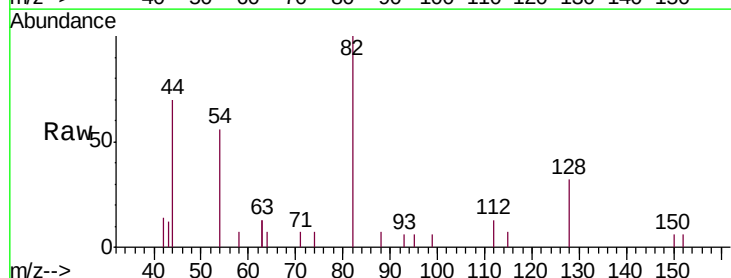
RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

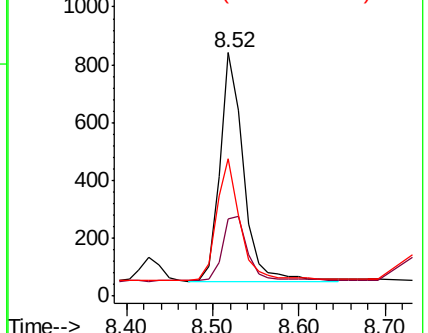
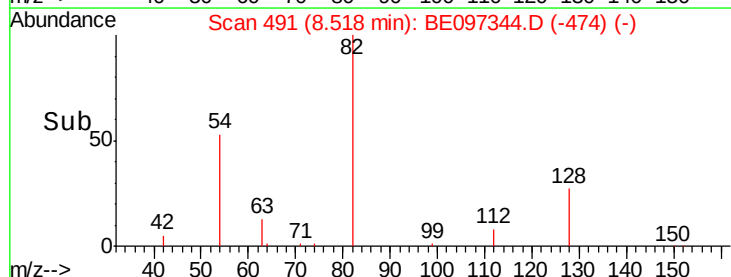
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1502		
128	31.7	24.0	36.0	
54	56.4	40.0	60.0	

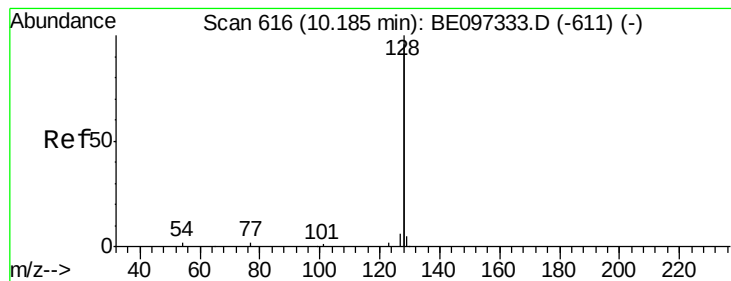


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.406 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

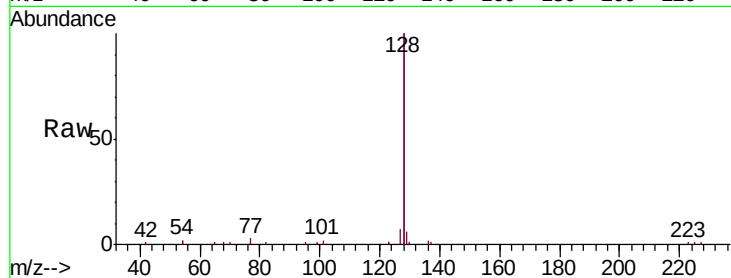
ClientSampleId :

SSTDCCC0.4EC

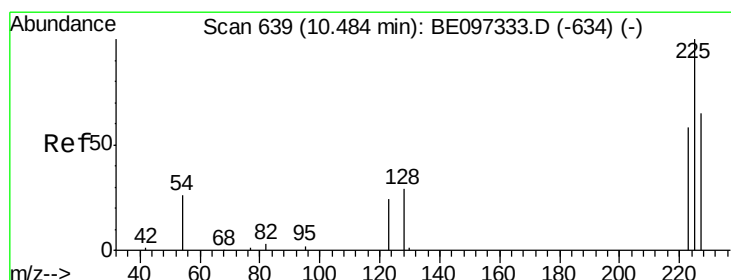
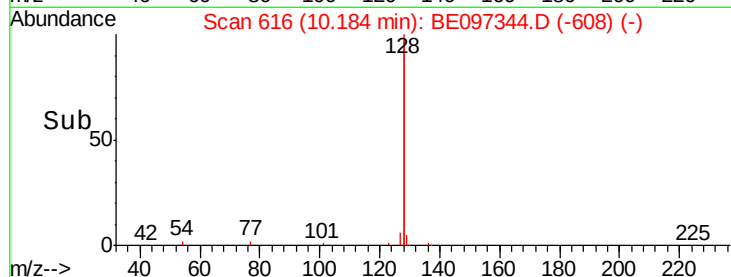
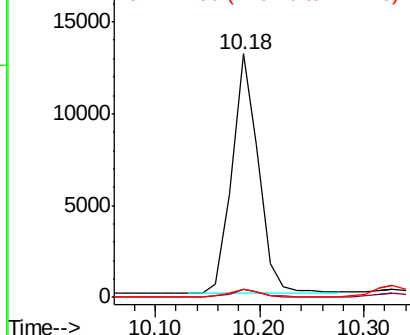
Tgt Ion:	128	Resp:	23030
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.382 ng

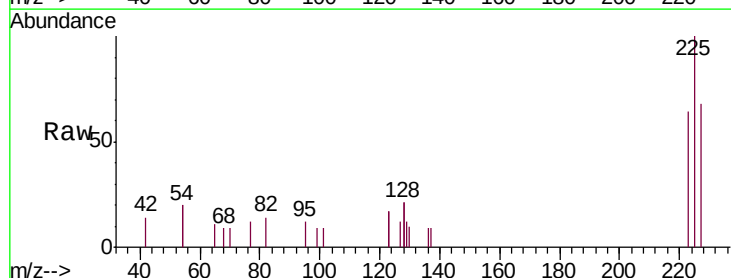
RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

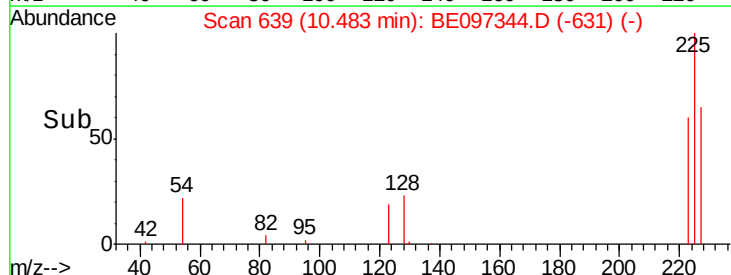
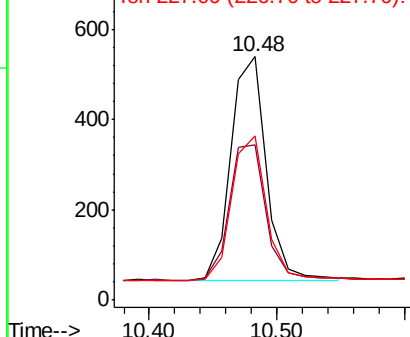
Lab File: BE097344.D

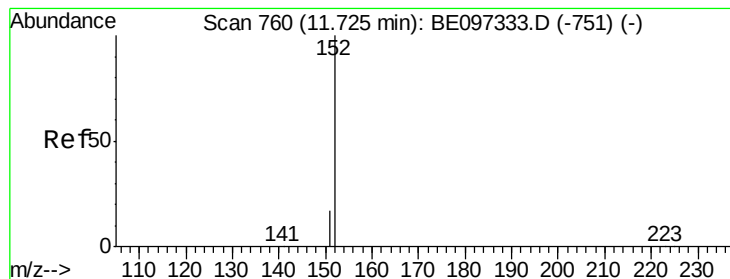
Acq: 20 Aug 2018 22:34

Tgt Ion:	225	Resp:	952
Ion Ratio	Lower	Upper	
225	100		
223	63.4	53.0	79.6
227	63.1	51.4	77.2



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





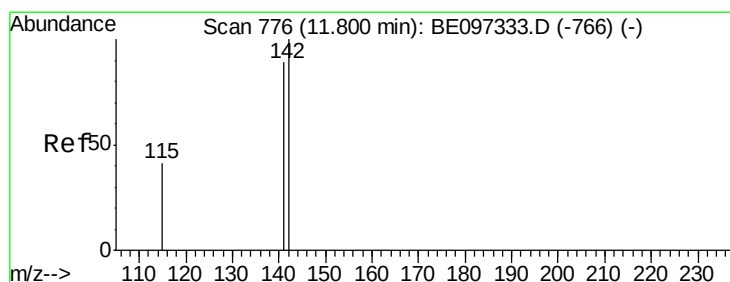
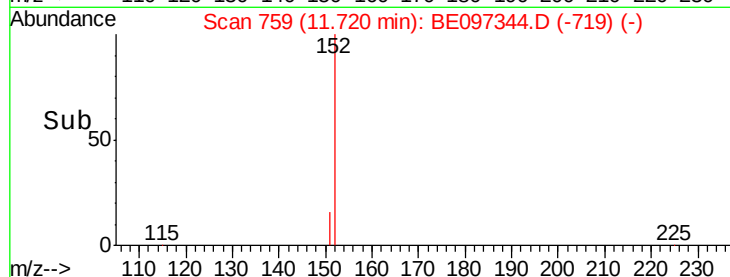
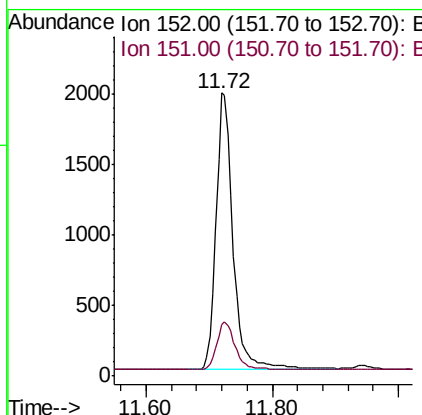
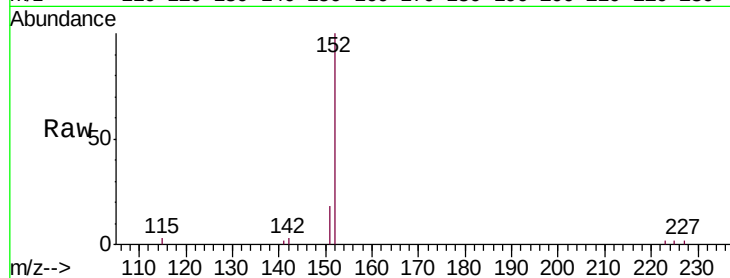
#11
 2-Methylnaphthalene-d10
 Concen: 0.439 ng
 RT: 11.72 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

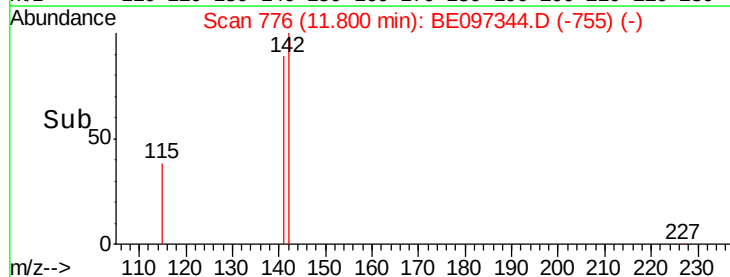
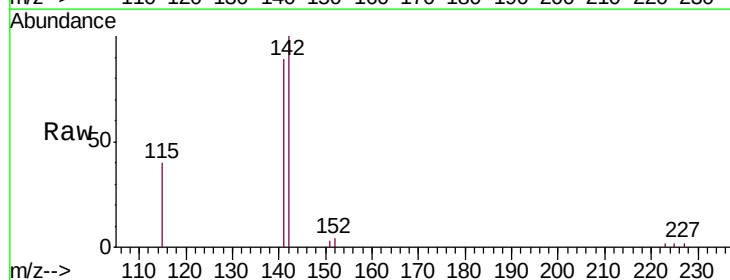
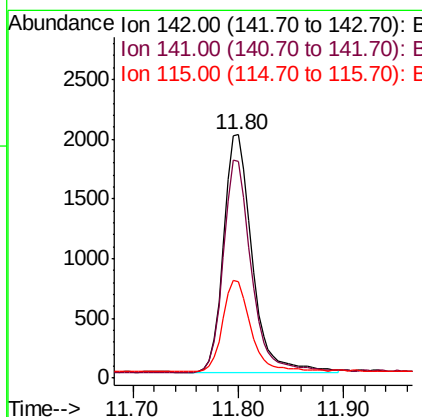
Manual Integrations
 APPROVED

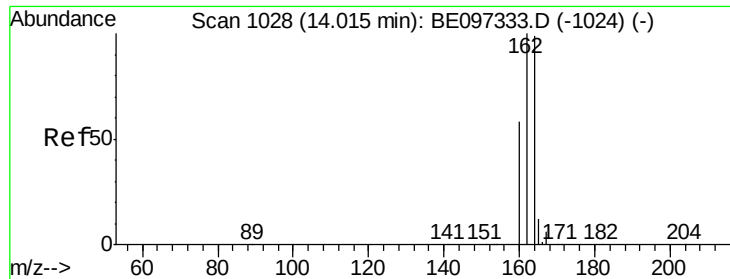
Sohil
 8/21/2018 4:49:45 PM



#12
 2-Methylnaphthalene
 Concen: 0.435 ng
 RT: 11.80 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	39.5	31.7	47.5





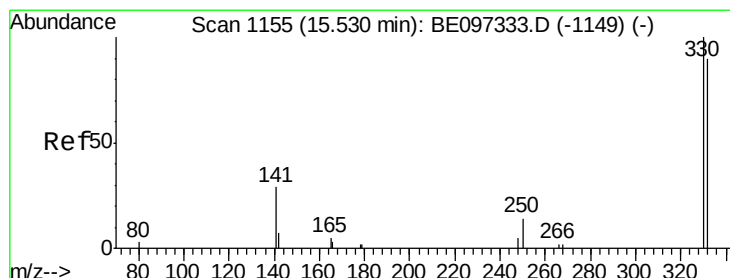
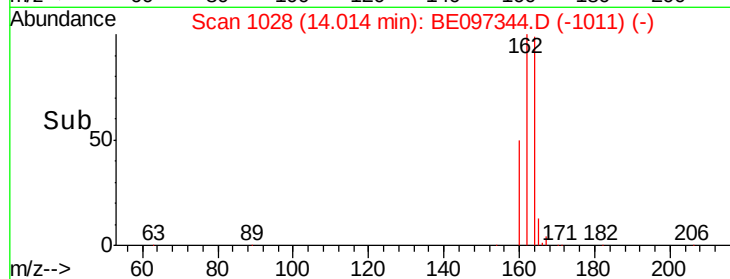
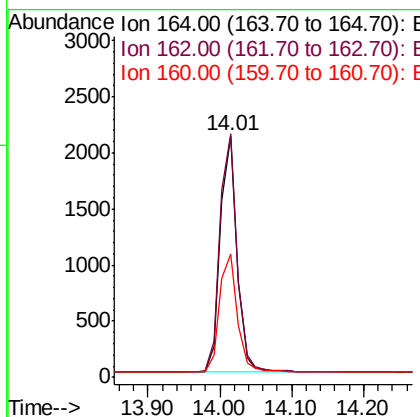
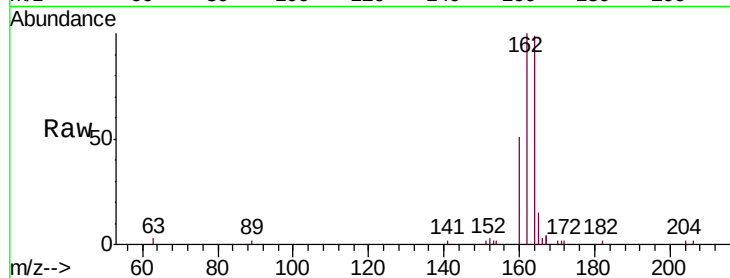
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.1	124.7
160	51.2	37.1	55.7

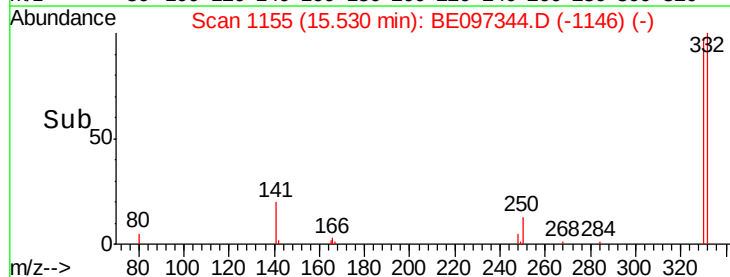
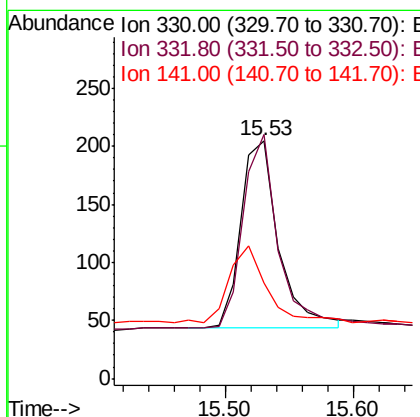
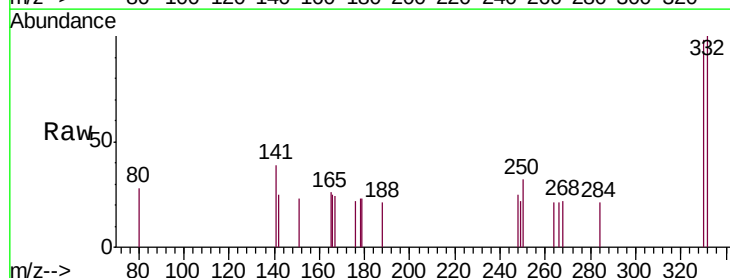
Manual Integrations
 APPROVED

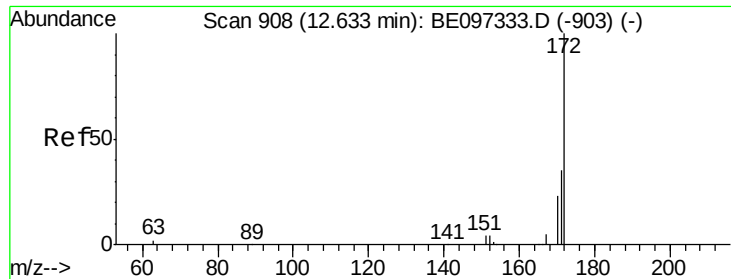
Sohil
 8/21/2018 4:49:45 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.511 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	152.7	229.1#
141	41.3	33.7	50.5





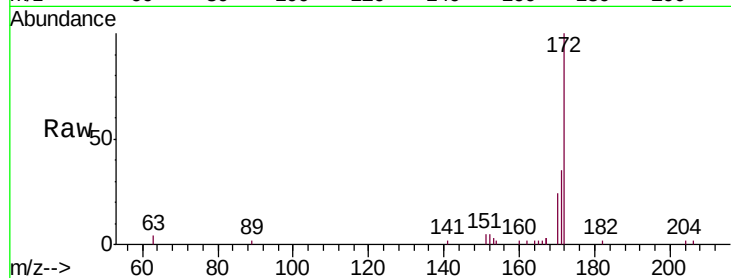
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	24.1	21.8	32.8

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM

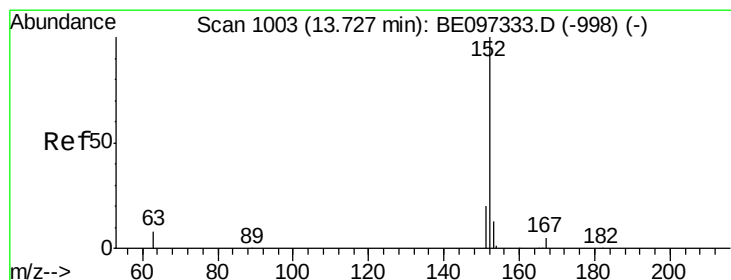
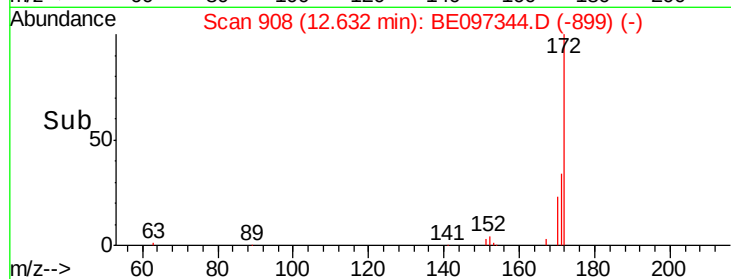
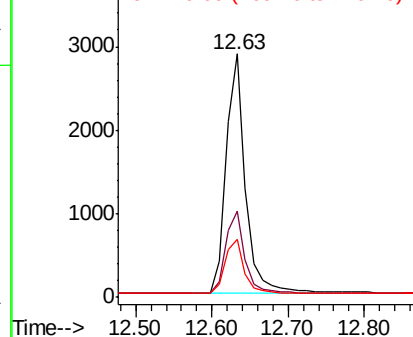


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

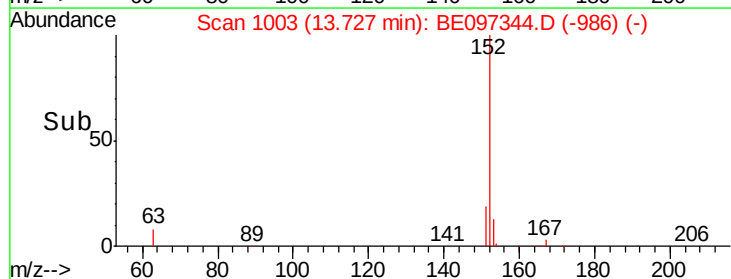
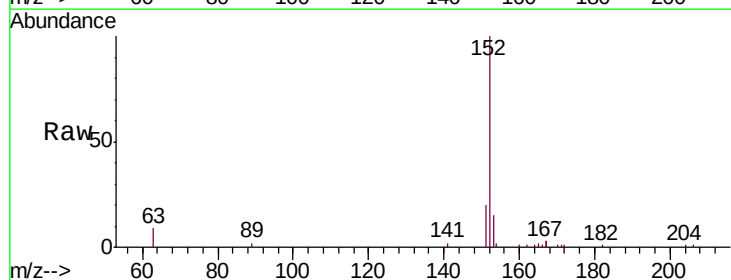
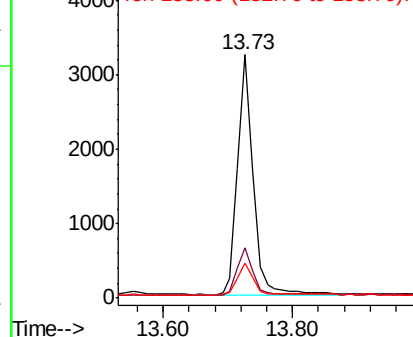
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.2	10.5	15.7

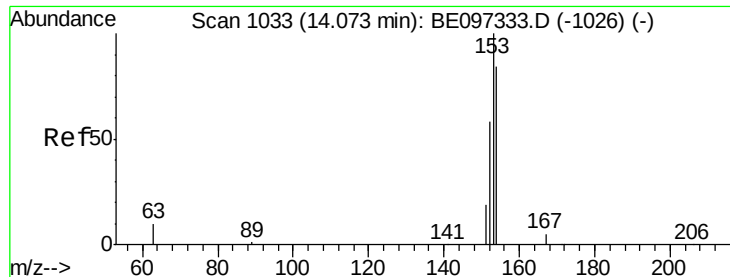
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





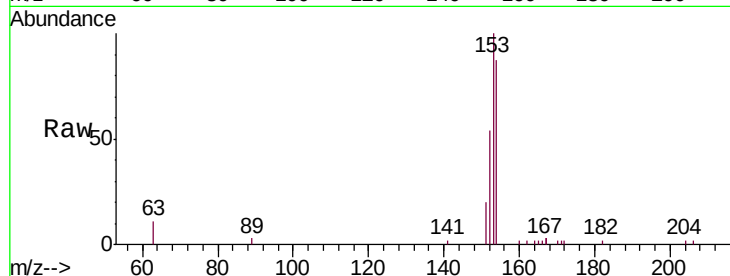
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

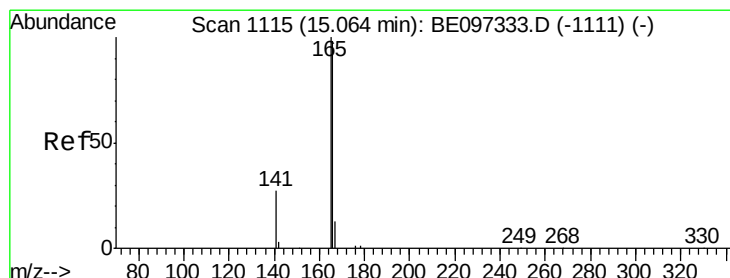
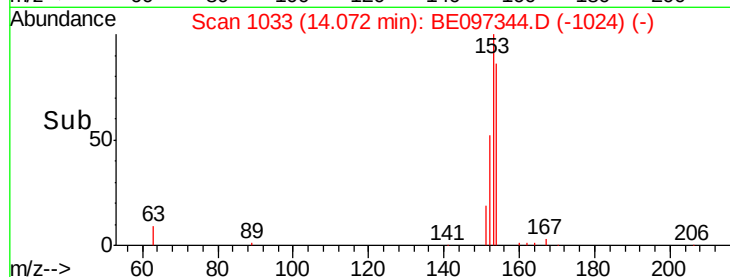
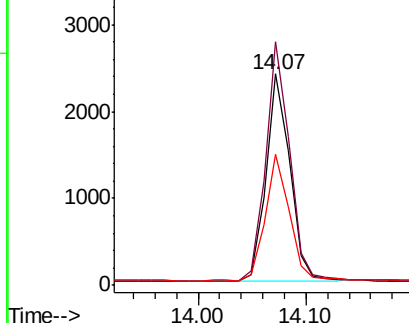
Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.2	133.8
152	61.2	42.0	63.0

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



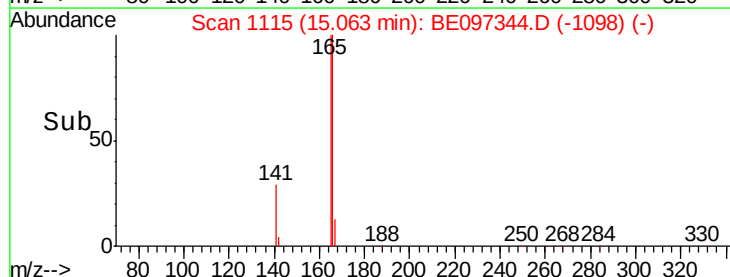
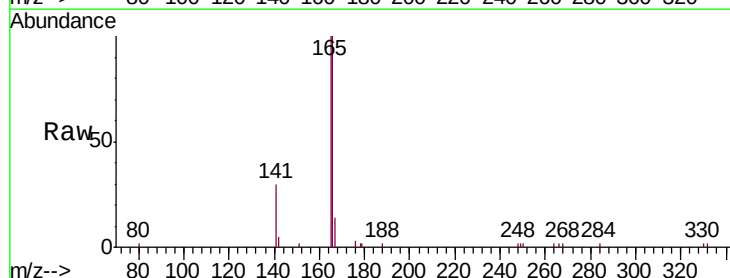
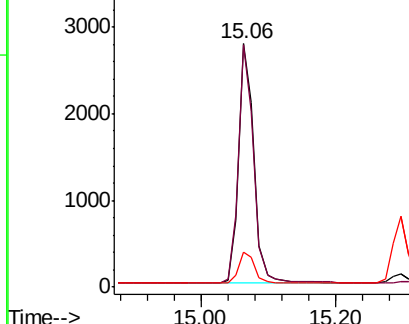
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

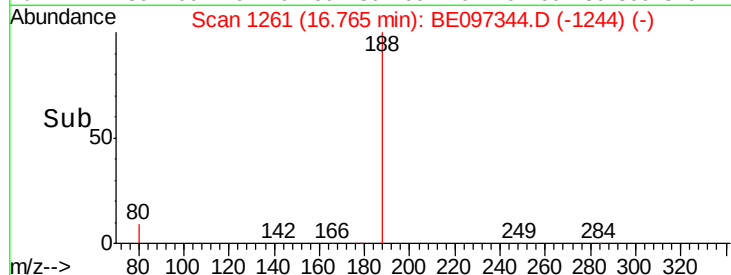
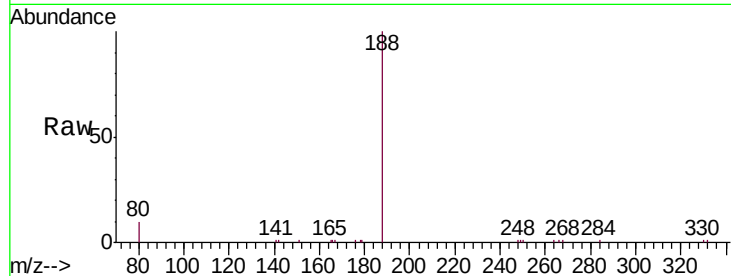
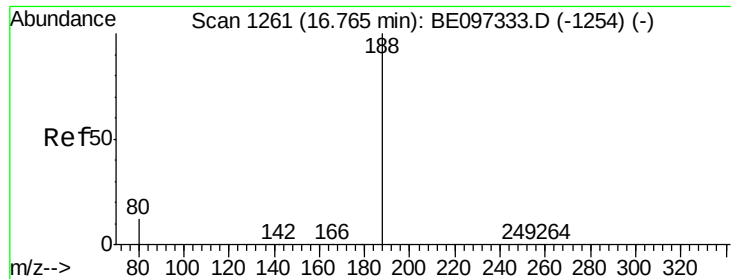


#18
Fluorene
Concen: 0.394 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	13.3	42.4	63.6#

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

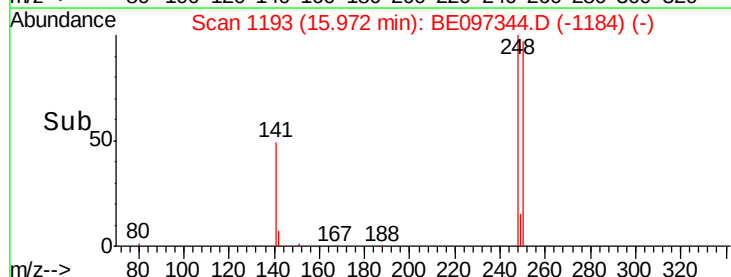
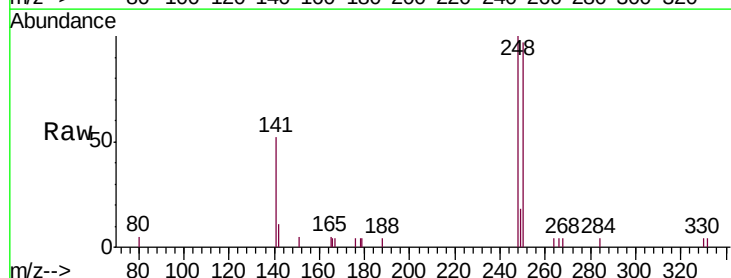
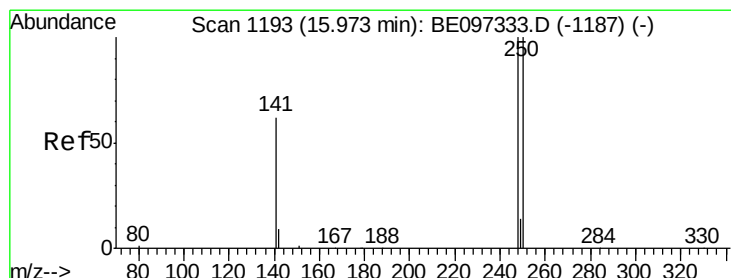
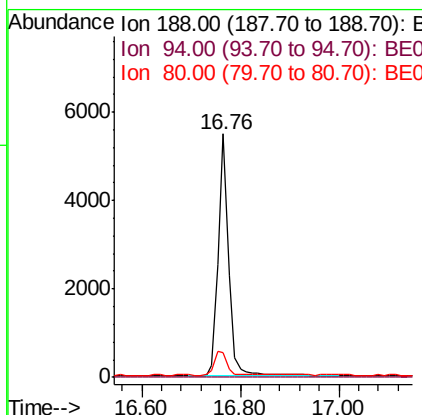
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	188	Resp:	7949
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	10.2	3.6	5.4#

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



#20

4-Bromophenyl-phenylether

Concen: 0.426 ng

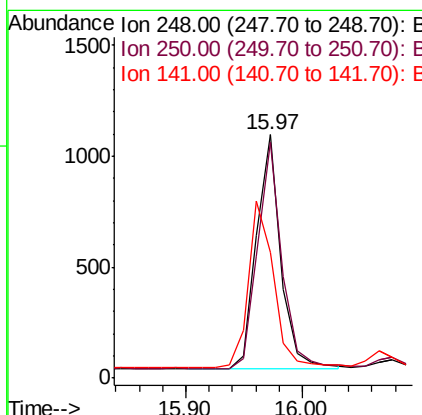
RT: 15.97 min Scan# 1193

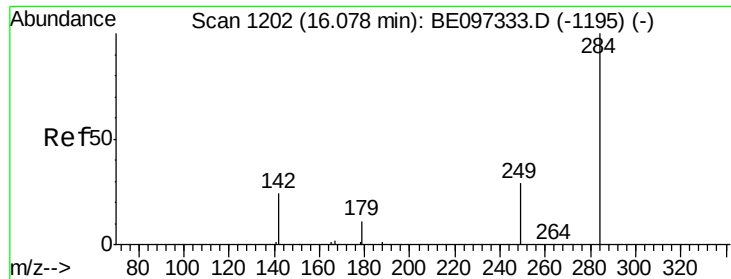
Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion:	248	Resp:	1530
Ion Ratio	Lower	Upper	
248	100		
250	97.1	62.7	94.1#
141	51.7	48.2	72.2





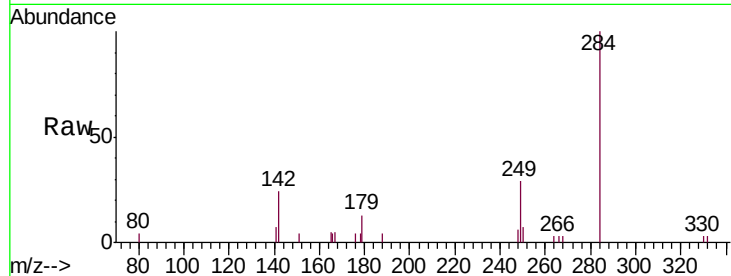
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

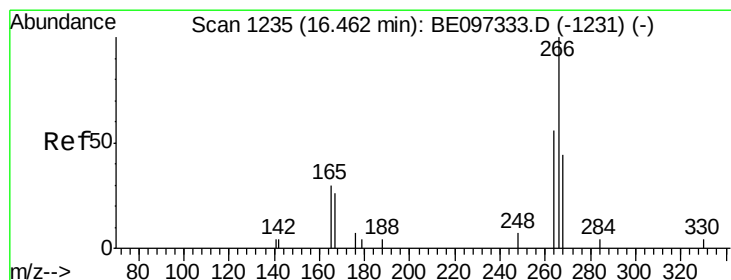
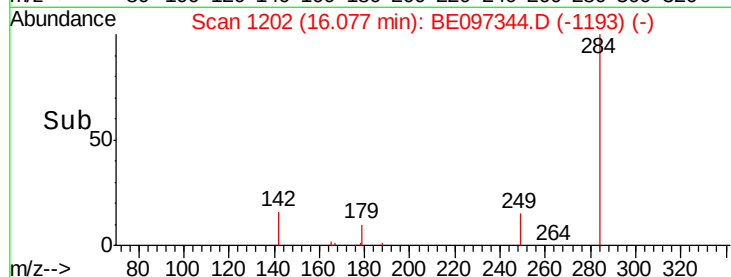
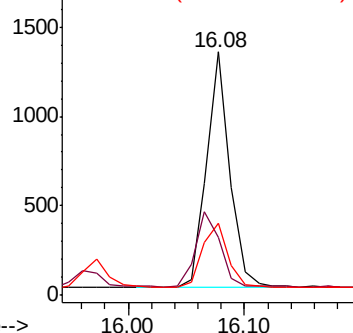
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	22.1	33.1#
249	29.2	34.8	52.2#

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM

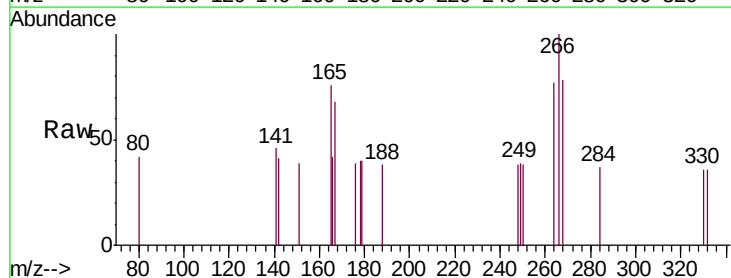


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

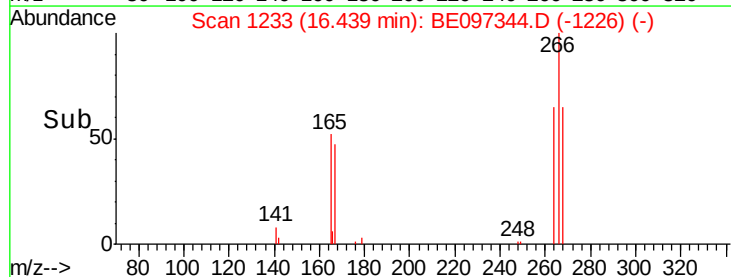
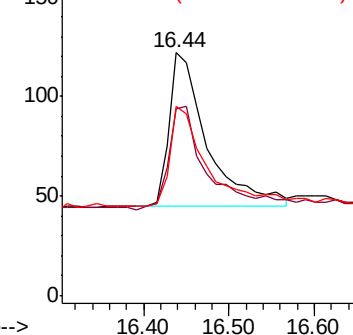


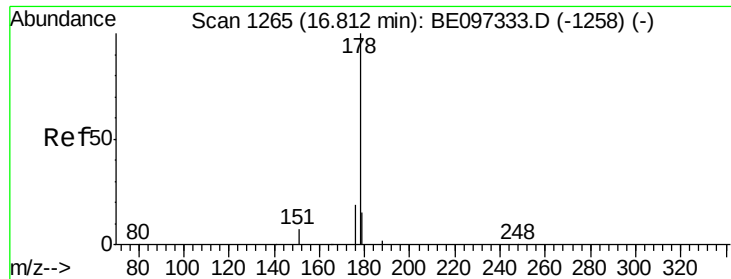
#22
Pentachlorophenol
Concen: 0.643 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.0	72.5	108.7
268	77.9	73.8	110.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





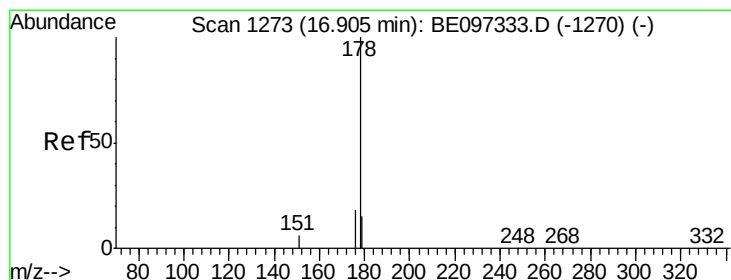
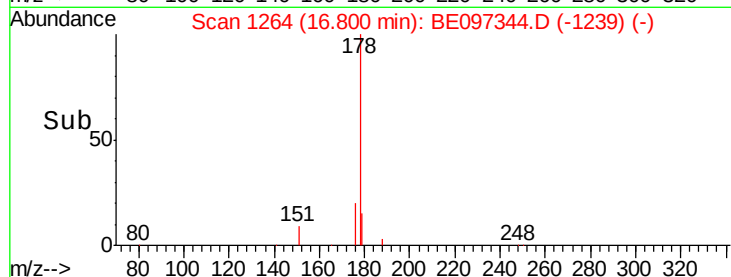
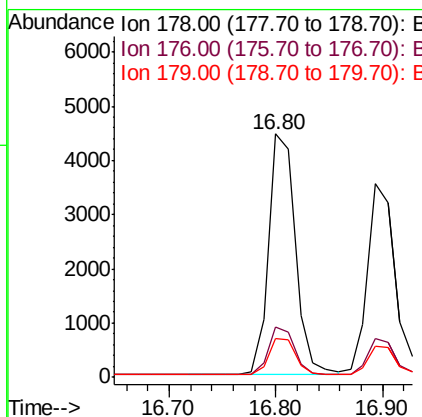
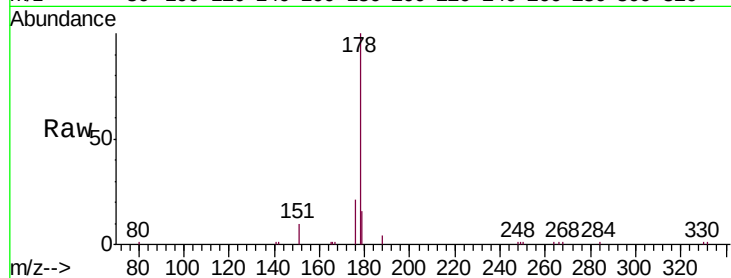
#23
Phenanthrene
Concen: 0.401 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	11.8	17.6

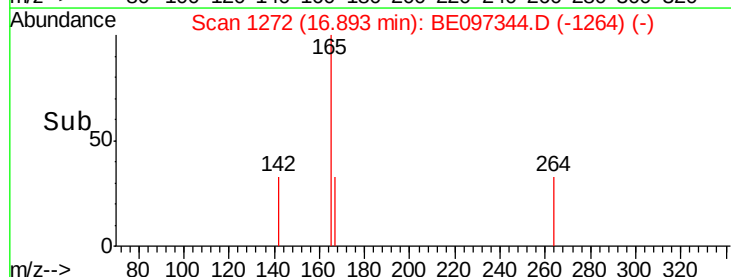
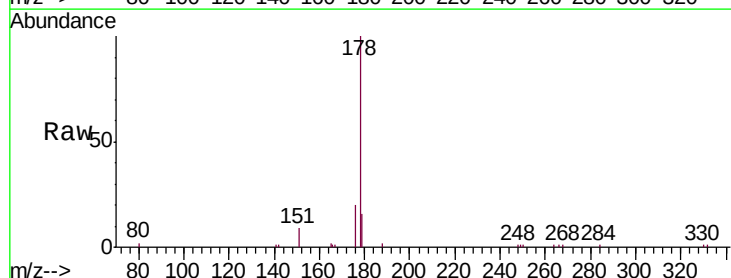
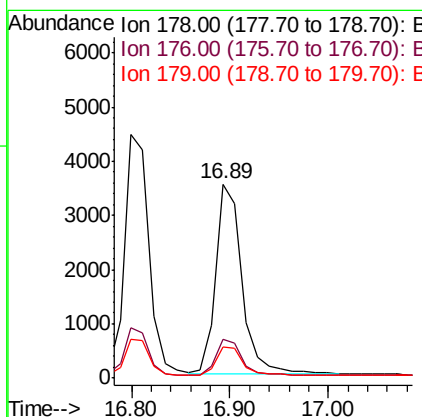
Manual Integrations
APPROVED

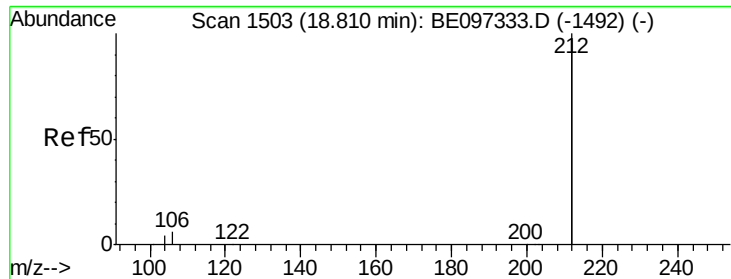
Sohil
8/21/2018 4:49:45 PM



#24
Anthracene
Concen: 0.447 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.1	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.436 ng

RT: 18.80 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

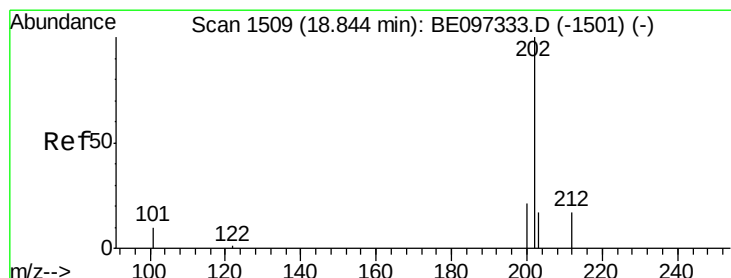
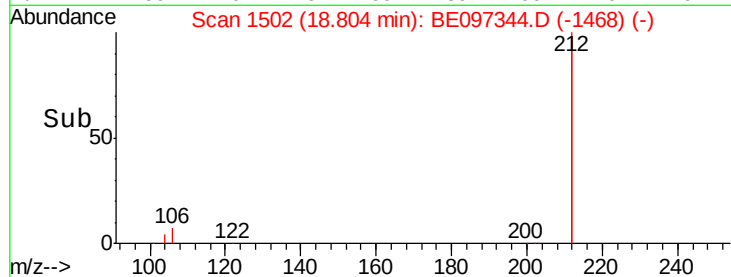
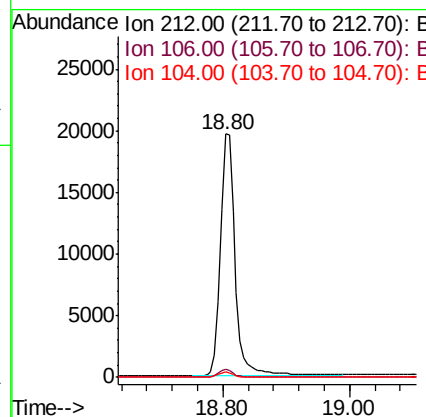
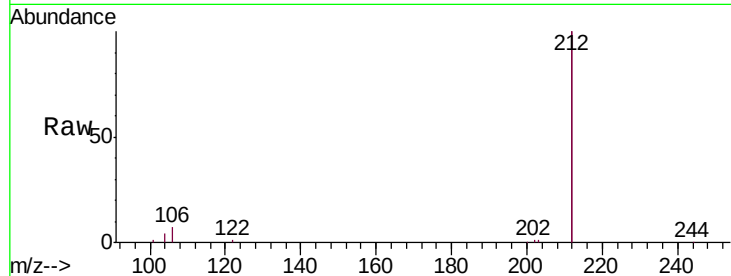
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	30910
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



#26

Fluoranthene

Concen: 0.441 ng

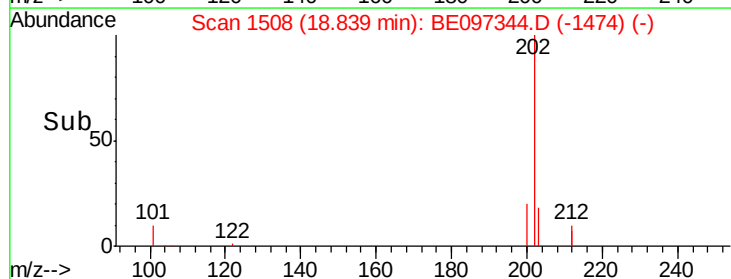
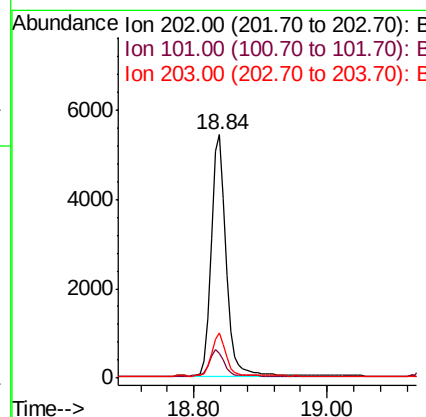
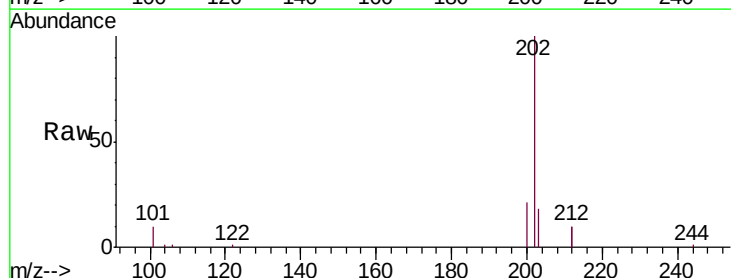
RT: 18.84 min Scan# 1508

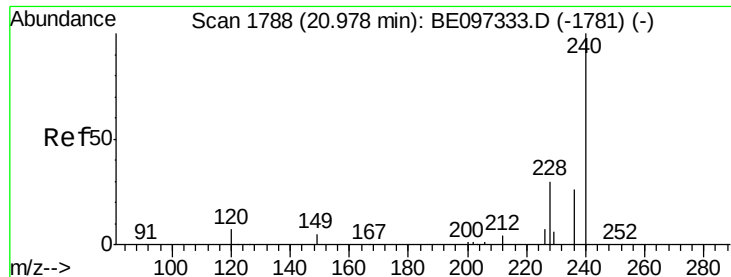
Delta R.T. -0.01 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion:	202	Resp:	8229
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.8
203	16.8	13.7	20.5





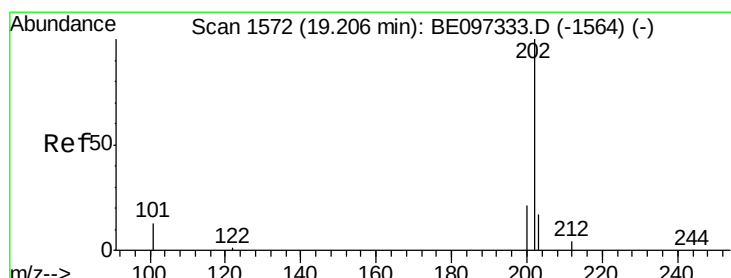
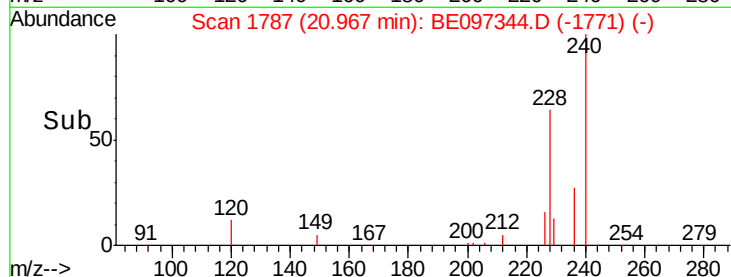
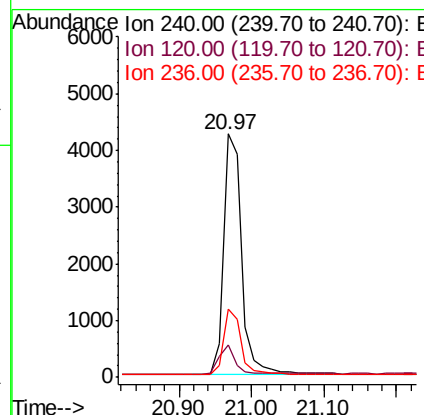
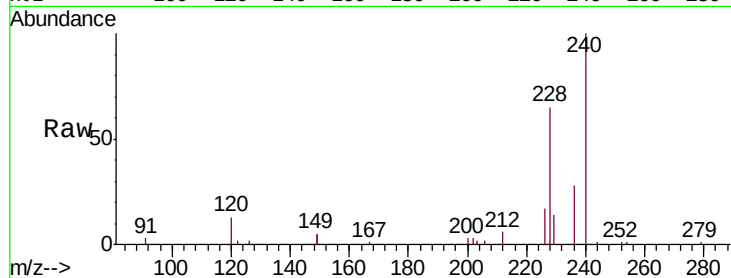
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.5	8.3#
236	27.8	20.7	31.1

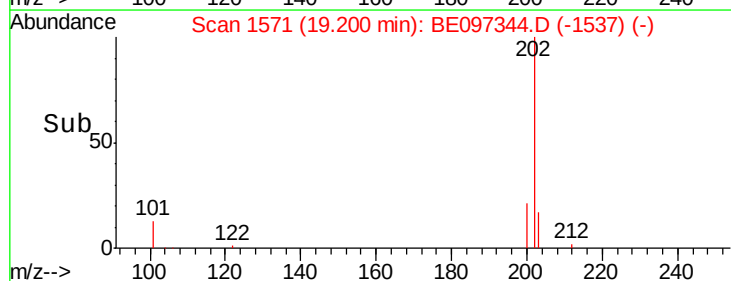
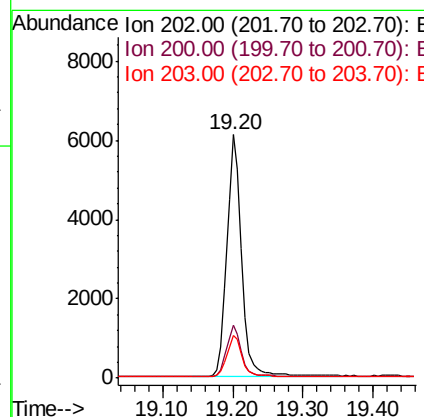
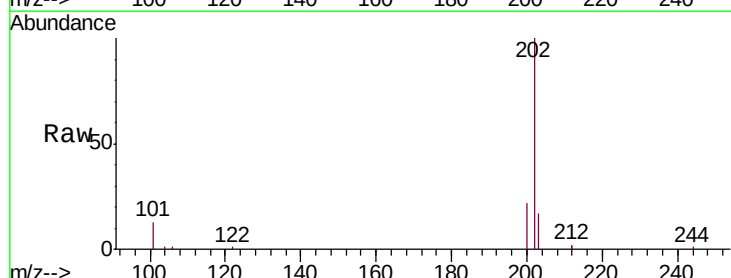
Manual Integrations
 APPROVED

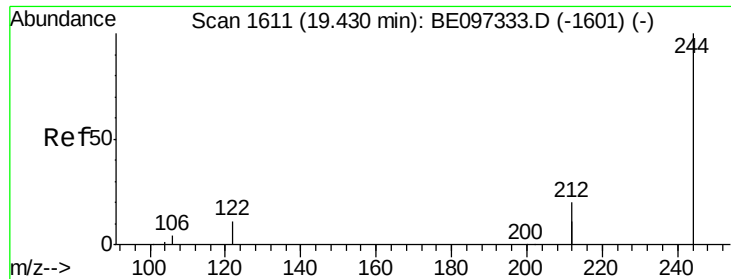
Sohil
 8/21/2018 4:49:45 PM



#28
 Pyrene
 Concen: 0.436 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.4	13.8	20.8





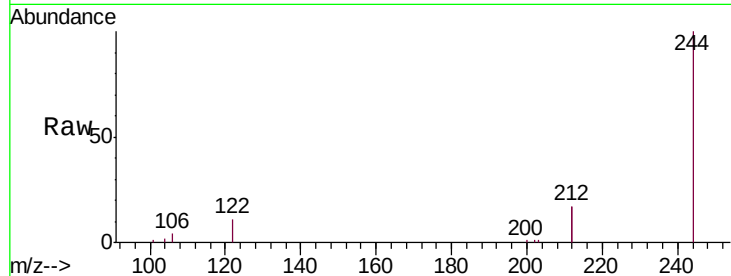
#29
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

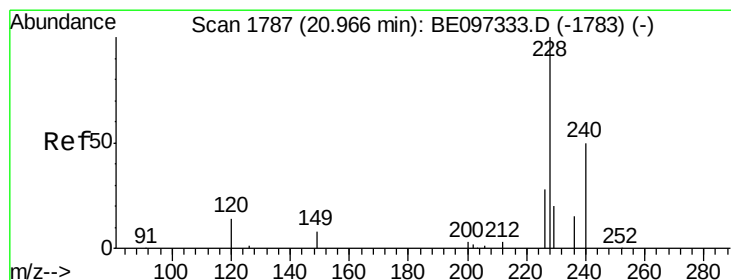
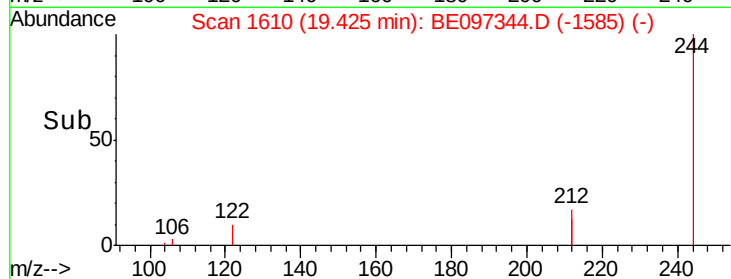
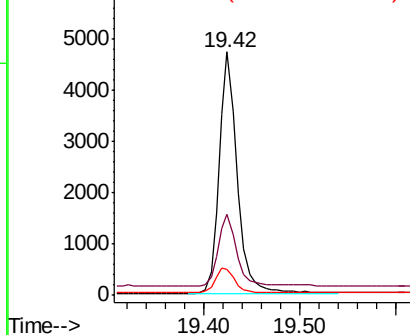
Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.4	38.0
122	10.9	8.1	12.1

Manual Integrations
 APPROVED

Sohil
 8/21/2018 4:49:45 PM



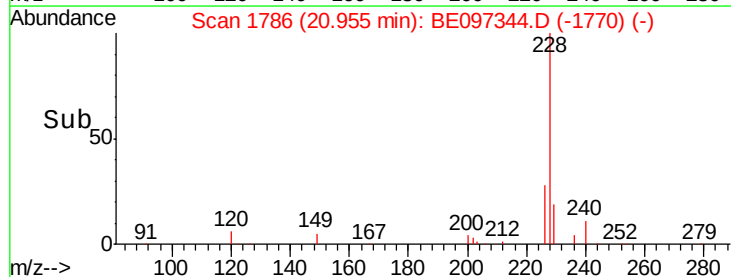
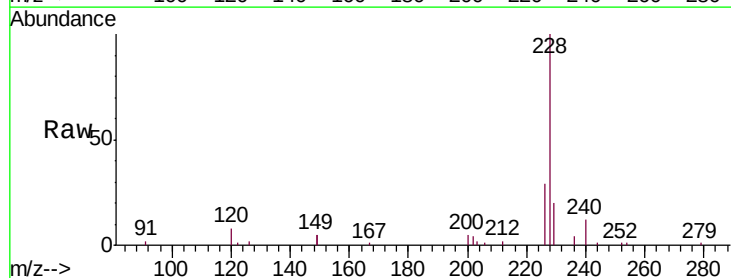
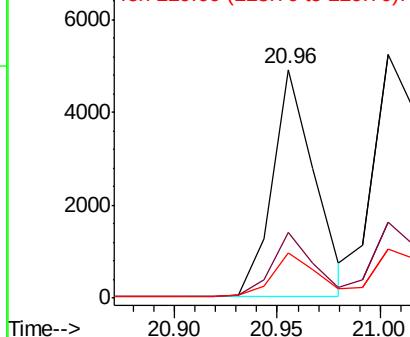
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

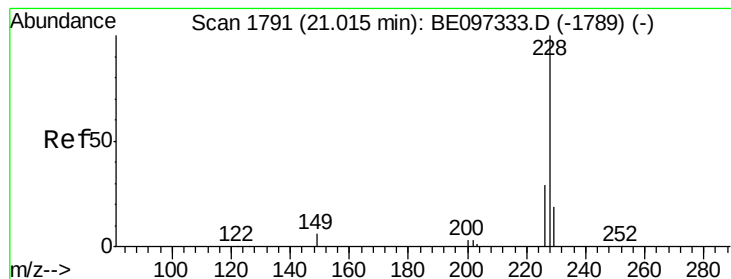


#30
 Benzo(a)anthracene
 Concen: 0.432 ng
 RT: 20.96 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BE097344.D
 Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	19.9	16.0	24.0

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





#31

Chrysene

Concen: 0.403 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

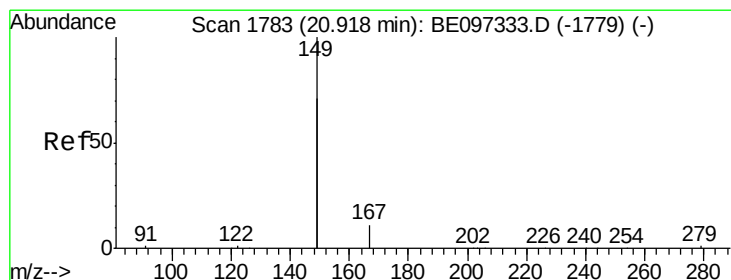
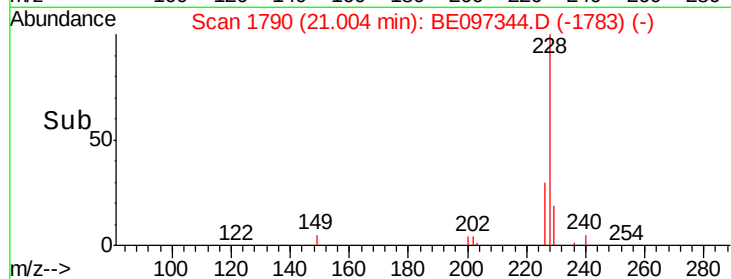
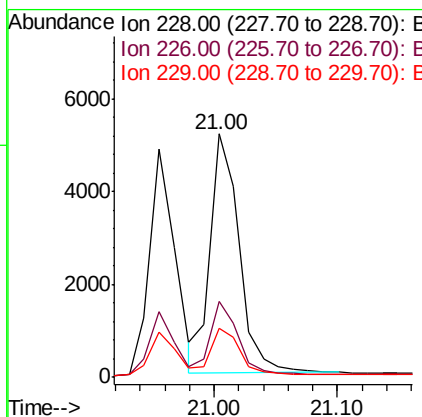
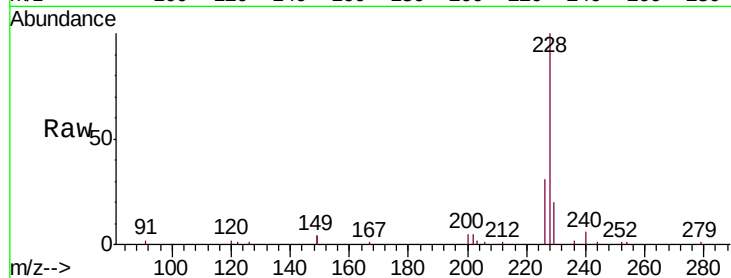
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	228	Resp:	8496
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.0	36.0
229	20.1	16.0	24.0

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.636 ng

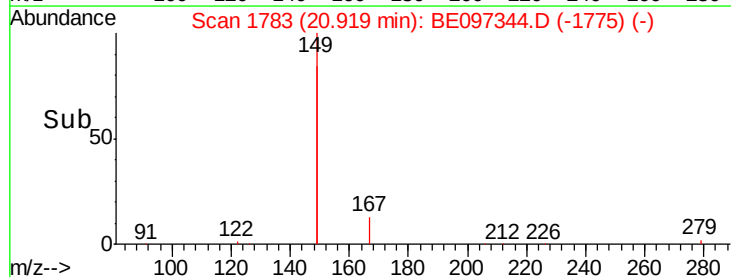
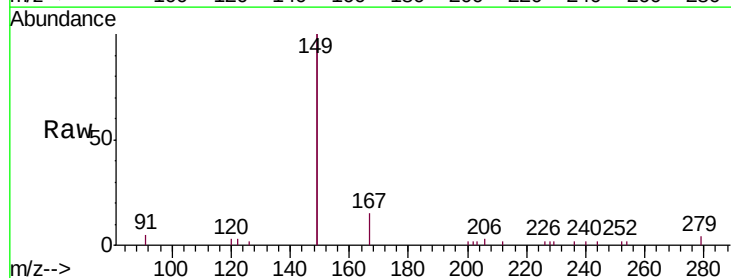
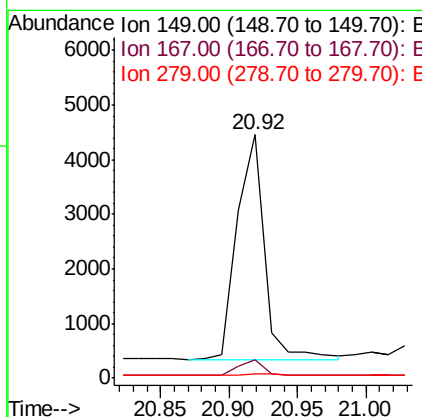
RT: 20.92 min Scan# 1783

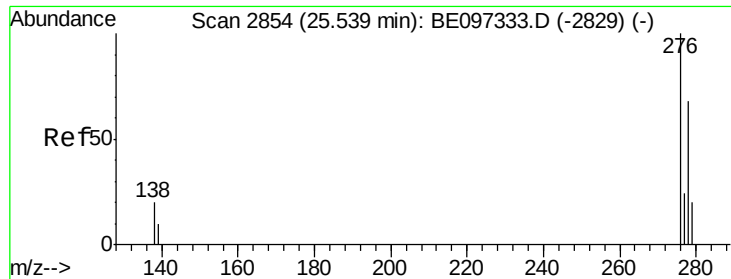
Delta R.T. 0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion:	149	Resp:	5657
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.493 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

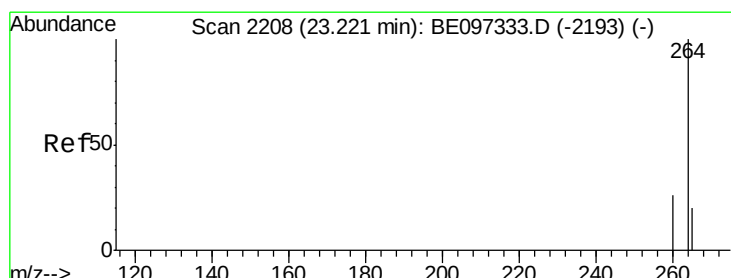
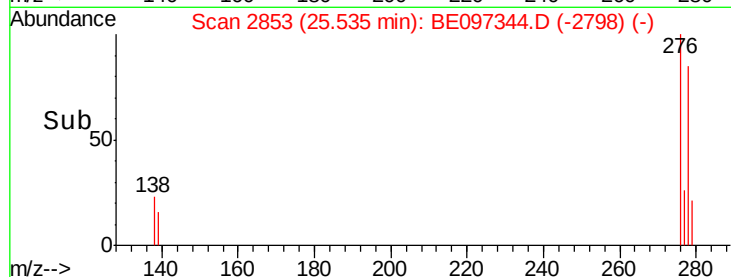
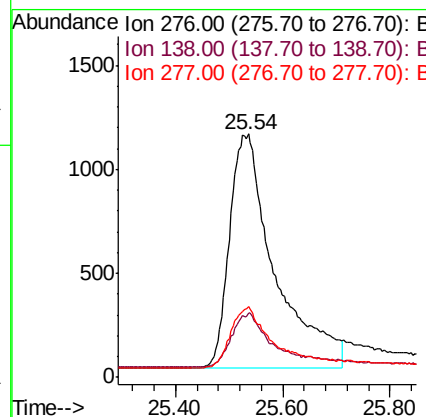
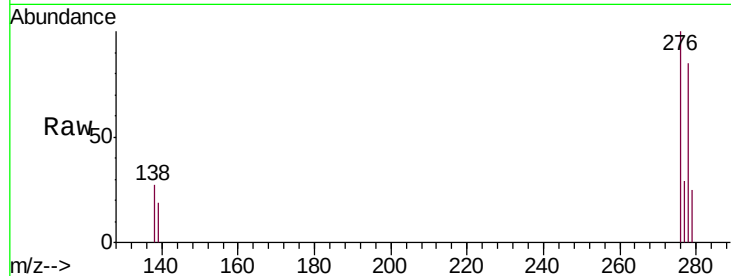
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.5	33.7#
277	24.3	19.9	29.9

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



#34

Perylene-d12

Concen: 0.400 ng

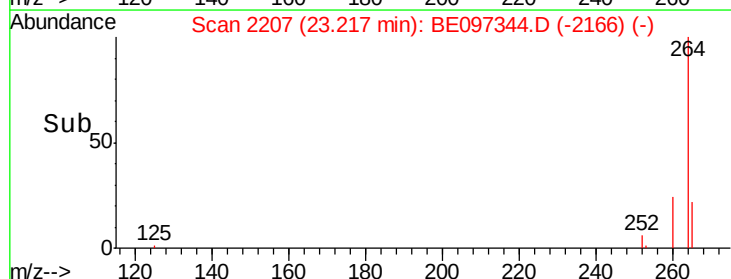
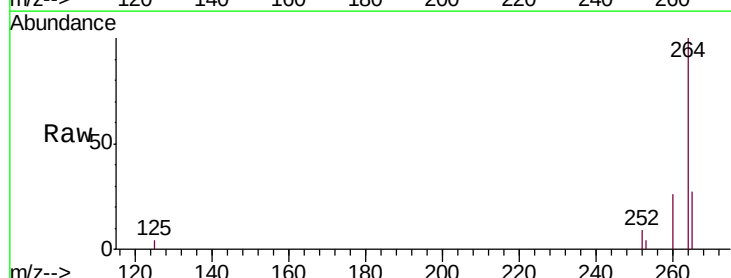
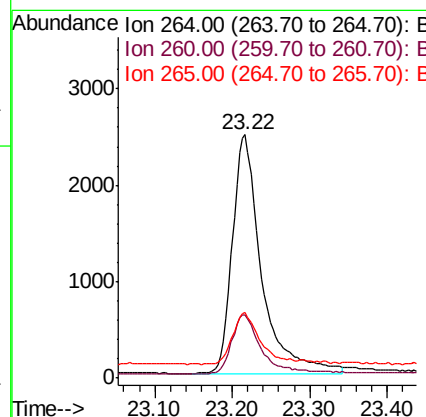
RT: 23.22 min Scan# 2207

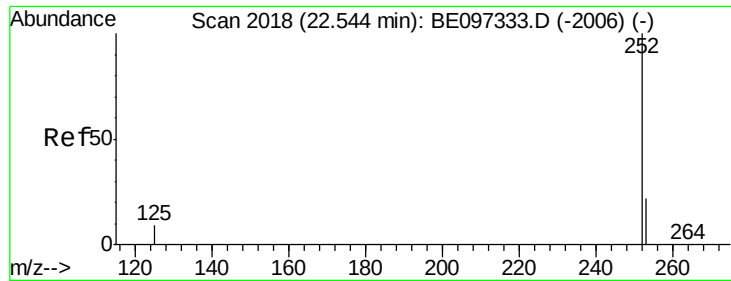
Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	27.1	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.363 ng

RT: 22.54 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

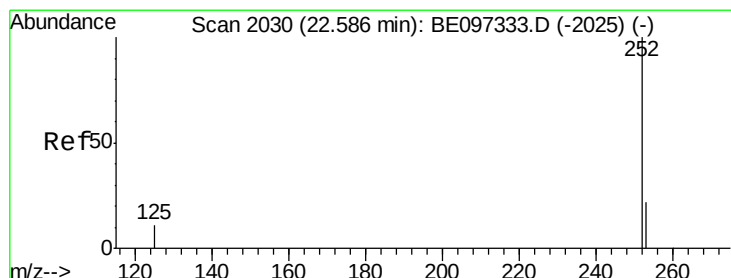
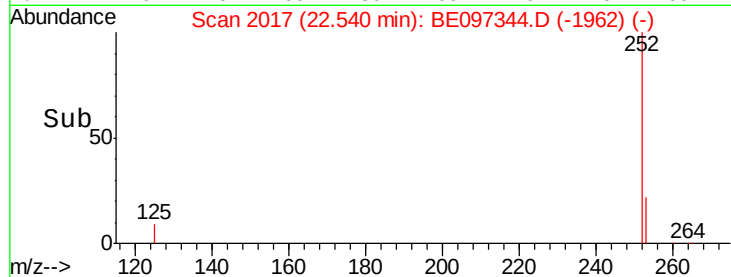
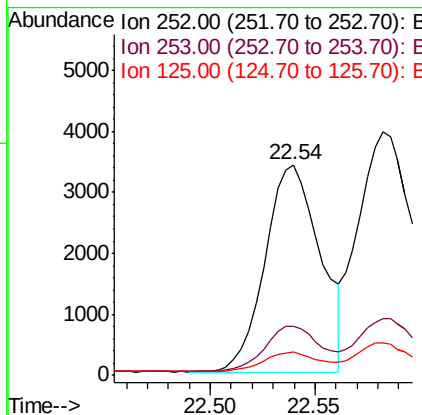
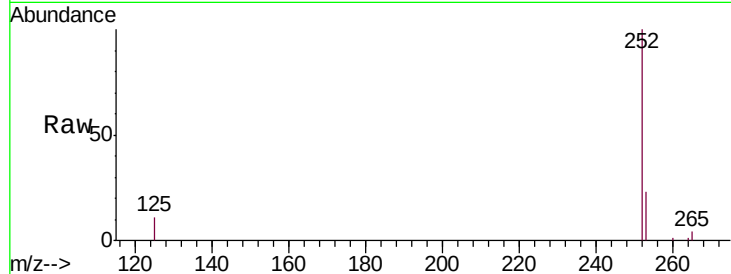
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.9	16.0	24.0

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 PM



#36

Benzo(k)fluoranthene

Concen: 0.336 ng m

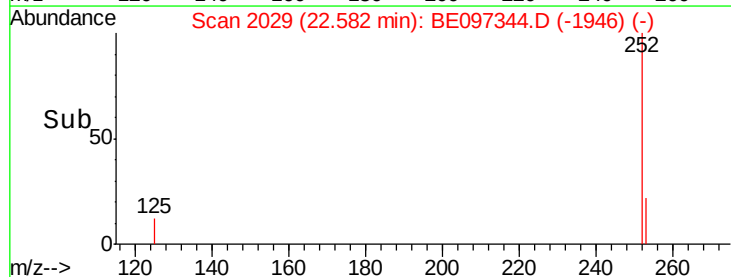
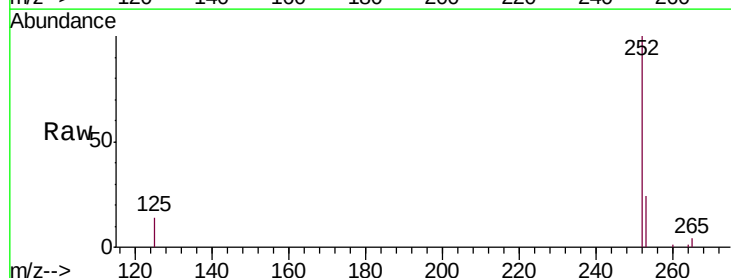
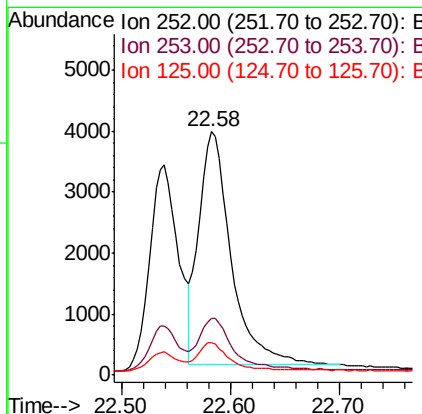
RT: 22.58 min Scan# 2029

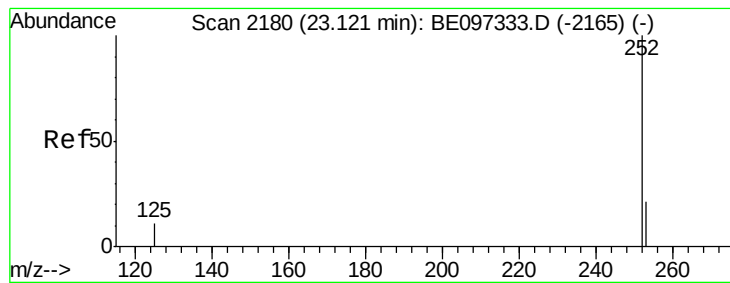
Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	13.5	8.0	12.0





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

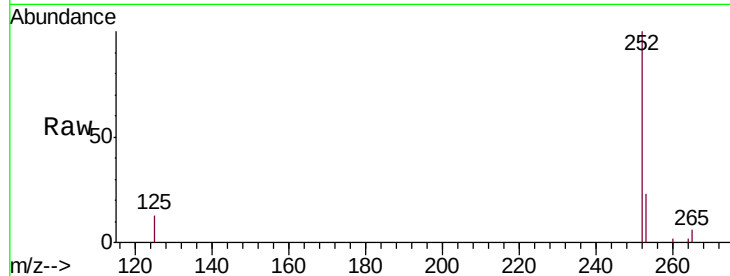
ClientSampleId :

SSTDCCC0.4EC

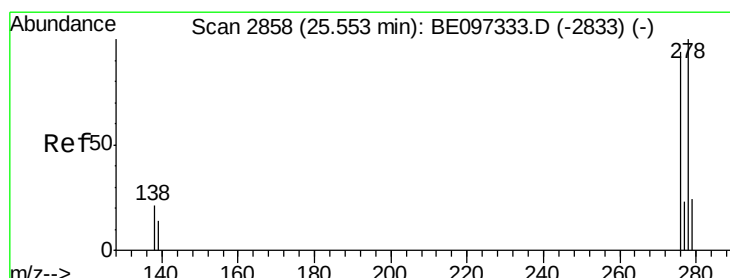
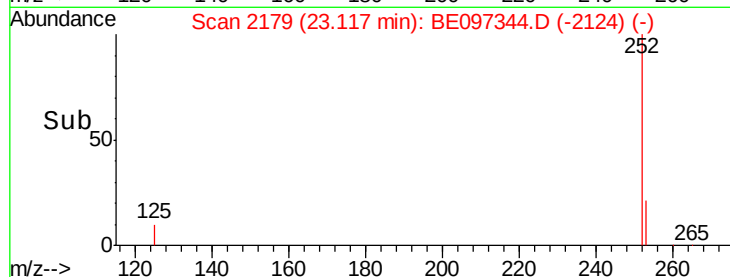
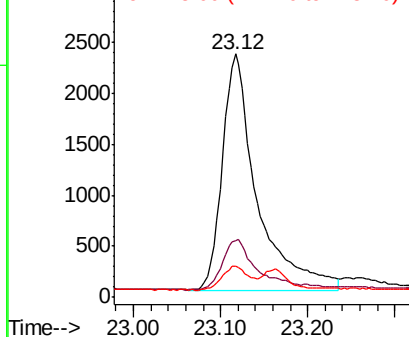
Tgt Ion:	252	Resp:	6408
Ion Ratio	Lower	Upper	
252	100		
253	23.1	16.0	24.0
125	12.8	12.0	18.0

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 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



#38

Dibenzo(a,h)anthracene

Concen: 0.373 ng

RT: 25.55 min Scan# 2856

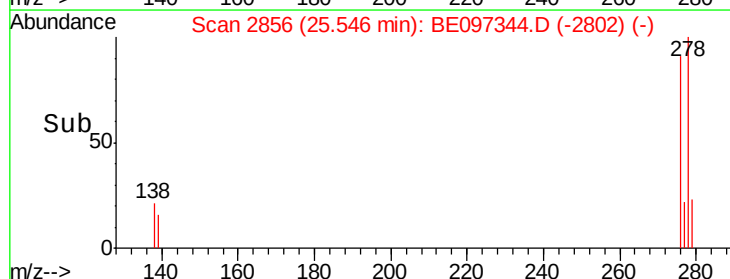
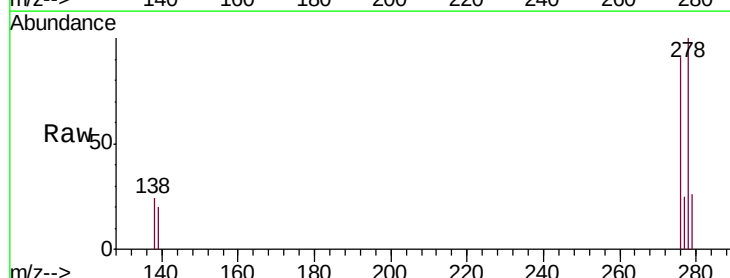
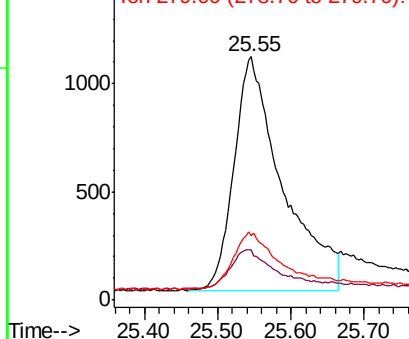
Delta R.T. -0.01 min

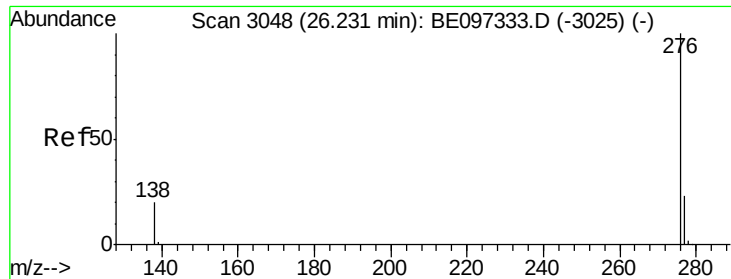
Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Tgt Ion:	278	Resp:	4953
Ion Ratio	Lower	Upper	
278	100		
139	20.4	16.0	24.0
279	26.3	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





#39

Benzo(g,h,i)perylene

Concen: 0.386 ng

RT: 26.22 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BE097344.D

Acq: 20 Aug 2018 22:34

Instrument :

BNA_E

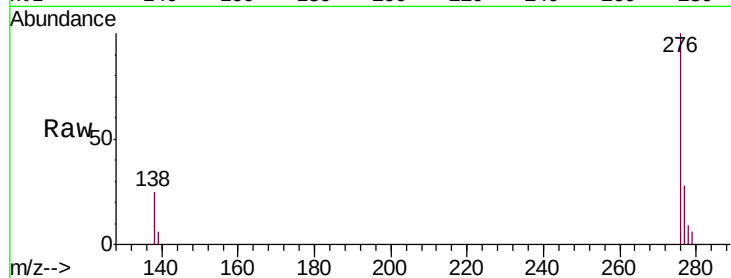
ClientSampleId :

SSTDCCC0.4EC

Tgt	Ion:276	Resp:	5161
Ion	Ratio	Lower	Upper
276	100		
277	28.0	16.0	24.0#
138	24.8	20.0	30.0

Manual Integrations
APPROVED

Sohil
8/21/2018 4:49:45 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

