

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093610.D
 Acq On : 26 Jul 2017 18:28
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

Sohil
 7/27/2017 6:20:59 PM

Quant Time: Jul 27 08:35:37 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2280	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11151	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7228	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17949	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19341	0.40	ng	-0.01
34) Perylene-d12	23.91	264	17236	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	3208	0.41	ng	0.00
5) Phenol-d6	7.09	99	4863	0.44	ng	0.00
8) Nitrobenzene-d5	9.06	82	3866	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8215	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	741	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	12191	0.43	ng	-0.02
25) Fluoranthene-d10	19.27	212	88738	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	15424	0.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1564	0.413	ng	94
3) n-Nitrosodimethylamine	3.74	42	1398	0.373	ng	# 83
6) bis(2-Chloroethyl)ether	7.34	93	3782	0.428	ng	# 99
9) Naphthalene	10.76	128	56795	0.437	ng	99
10) Hexachlorobutadiene	11.04	225	2113	0.418	ng	98
12) 2-Methylnaphthalene	12.36	142	9784	0.449	ng	94
16) Acenaphthylene	14.24	152	15173	0.417	ng	# 88
17) Acenaphthene	14.58	154	10514	0.425	ng	98
18) Fluorene	15.56	166	14052	0.404	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	2410	0.345	ng	95
21) Hexachlorobenzene	16.58	284	2480	0.369	ng	# 100
22) Pentachlorophenol	16.91	266	1539	0.478	ng	97
23) Phenanthrene	17.27	178	16802m	0.413	ng	
24) Anthracene	17.37	178	25116m	0.404	ng	
26) Fluoranthene	19.30	202	27138	0.313	ng	99
28) Pyrene	19.66	202	28038	0.447	ng	# 99
30) Benzo(a)anthracene	21.39	228	25667	0.413	ng	95
31) Chrysene	21.45	228	27128	0.440	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	37507	0.295	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	27443	0.471	ng	94
35) Benzo(b)fluoranthene	23.14	252	26130	0.432	ng	97
36) Benzo(k)fluoranthene	23.19	252	26580m	0.444	ng	
37) Benzo(a)pyrene	23.80	252	24646	0.438	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	23609	0.444	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	22829	0.427	ng	# 91

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

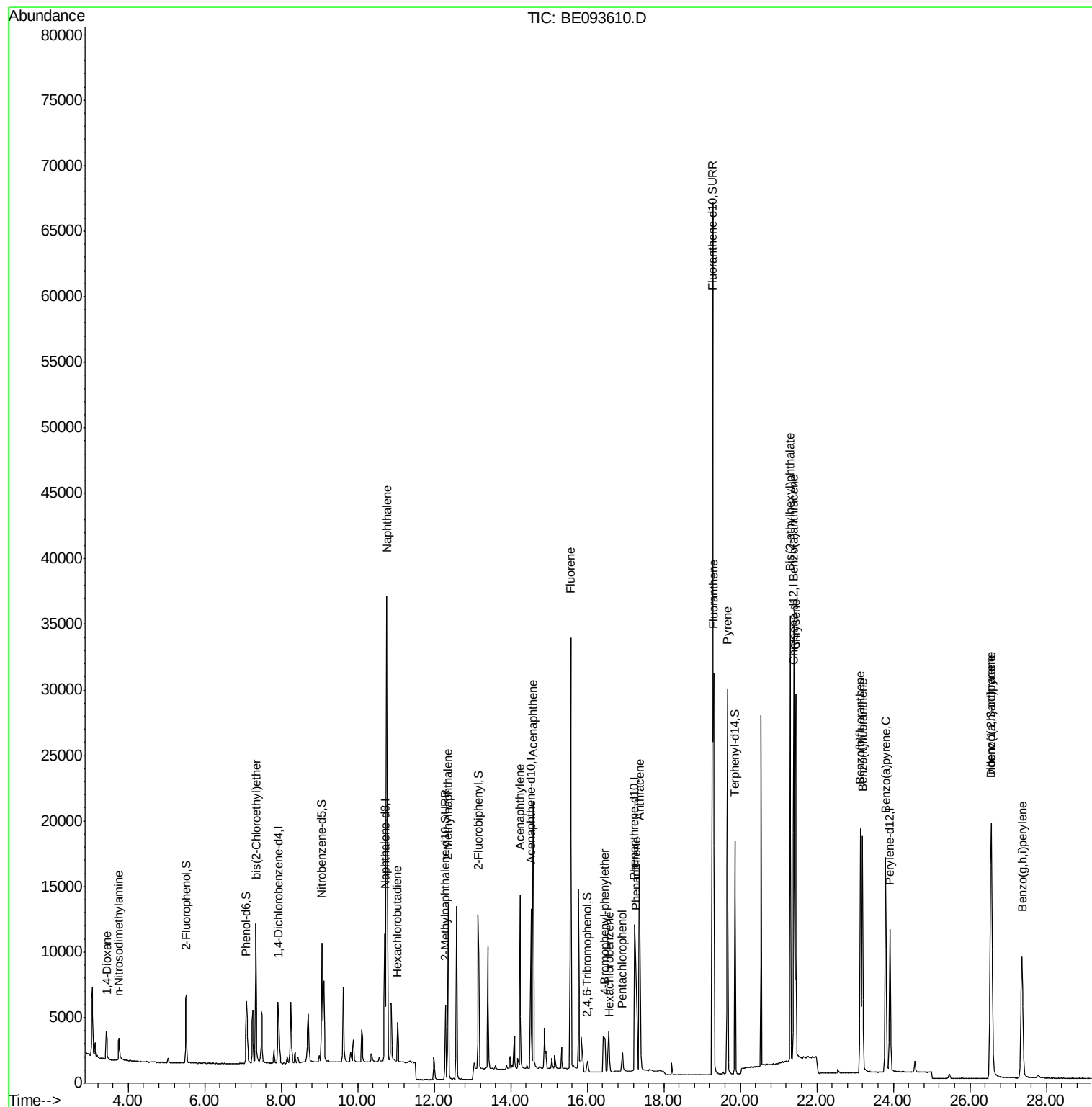
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
Data File : BE093610.D
Acq On : 26 Jul 2017 18:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

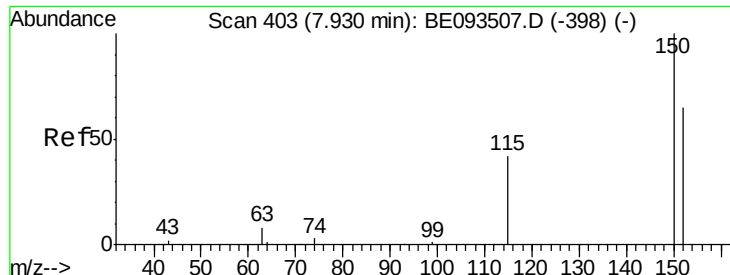
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM

Quant Time: Jul 27 08:35:37 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration





#1

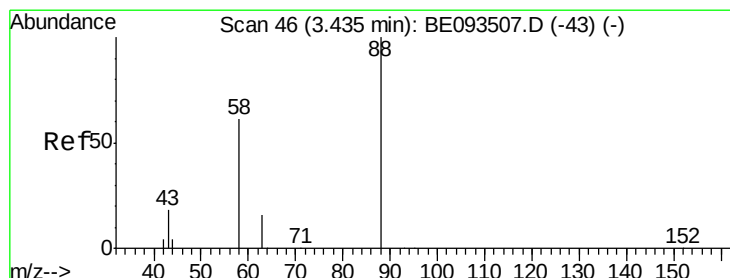
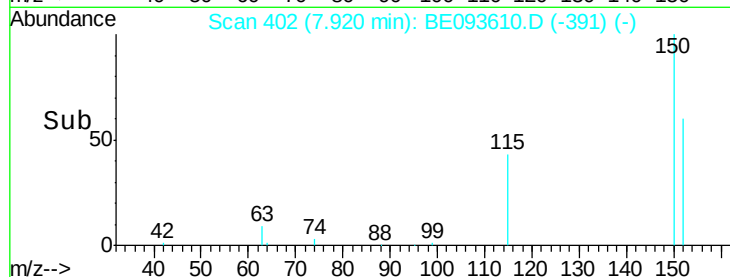
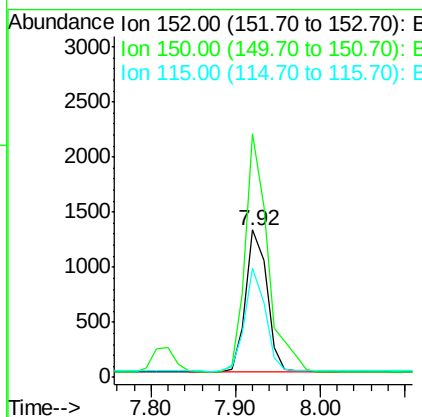
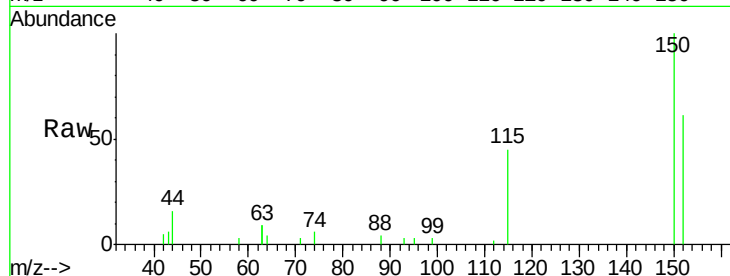
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.0	125.1	187.7
115	74.1	55.7	83.5

Manual Integrations
 APPROVED

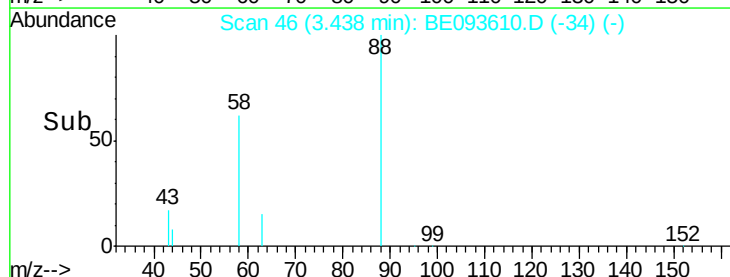
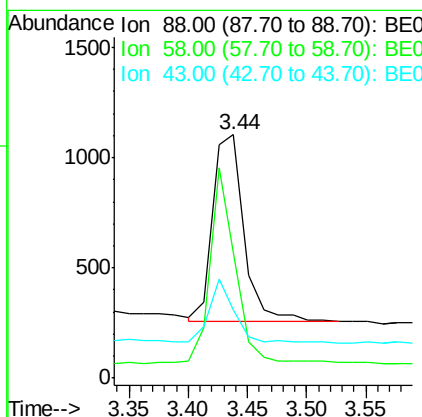
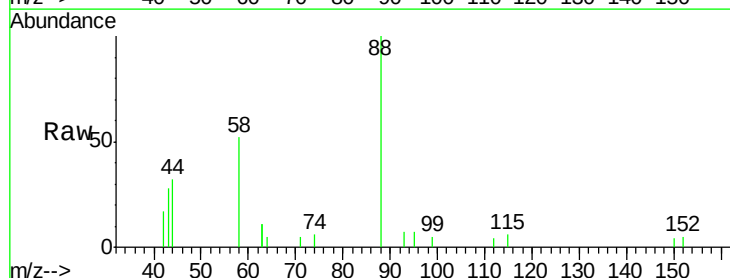
Sohil
 7/27/2017 6:20:59 PM

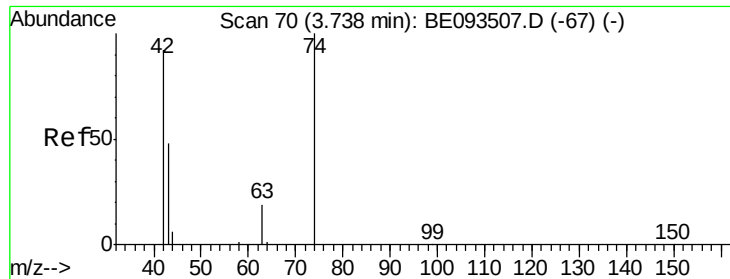


#2

1,4-Dioxane
 Concen: 0.413 ng
 RT: 3.44 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	62.2	93.4
43	26.8	23.2	34.8





#3

n-Nitrosodimethylamine

Concen: 0.373 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

ClientSampleId :

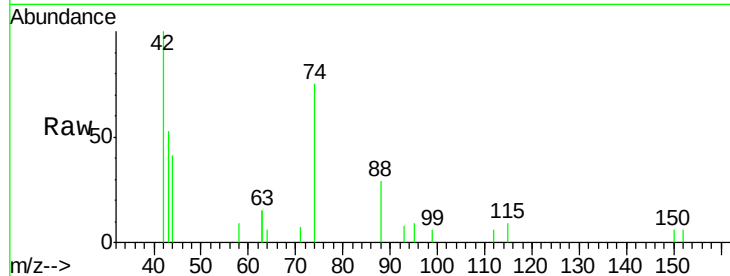
SSTDCCC0.4EC

Tgt Ion:	42	Resp:	1398
Ion Ratio	Lower	Upper	
42	100		
74	143.5	99.1	148.7
44	16.2	7.4	11.2#

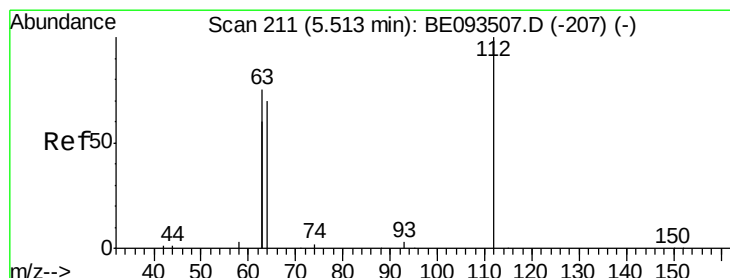
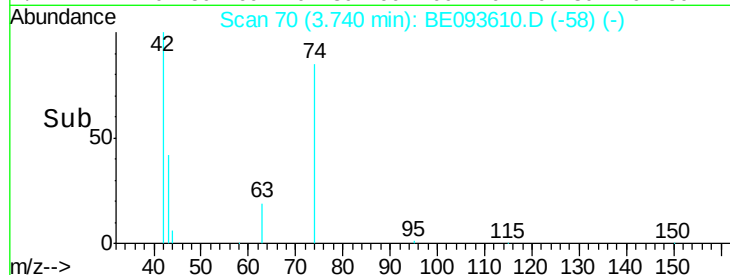
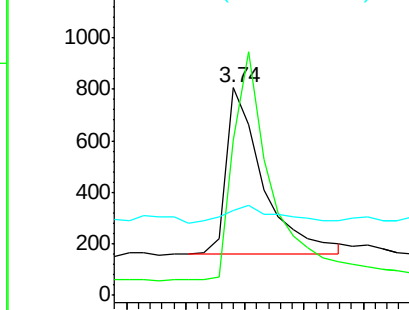
Manual Integrations
APPROVED

Sohil

7/27/2017 6:20:59 PM



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.405 ng

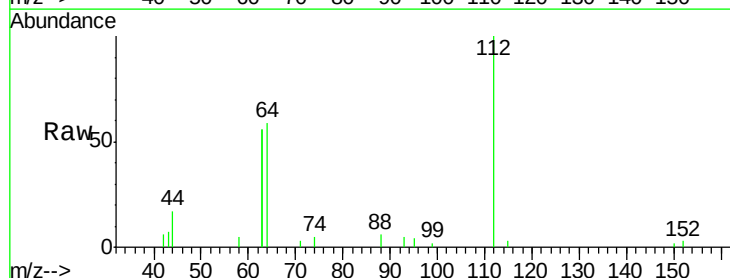
RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

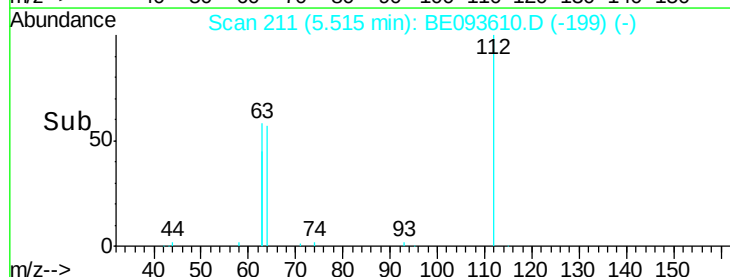
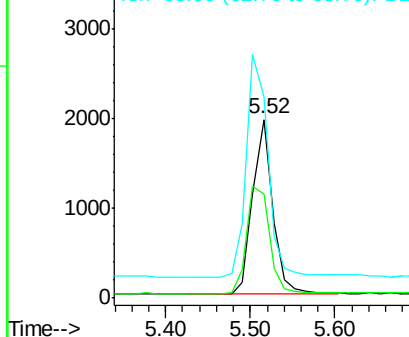
Lab File: BE093610.D

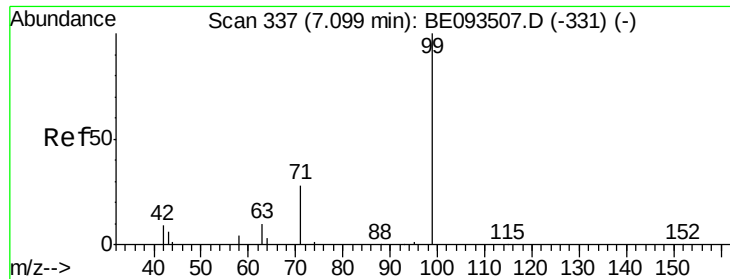
Acq: 26 Jul 2017 18:28

Tgt Ion:	112	Resp:	3208
Ion Ratio	Lower	Upper	
112	100		
64	71.0	56.4	84.6
63	136.5	29.3	43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.439 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

ClientSampleId :

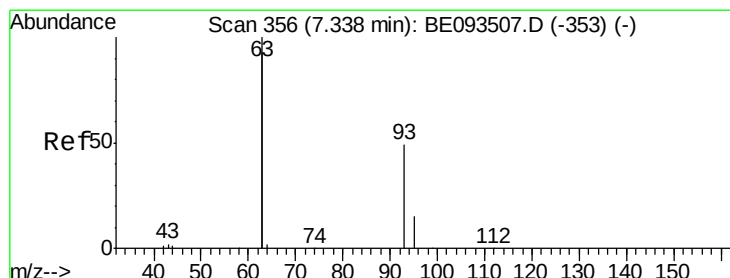
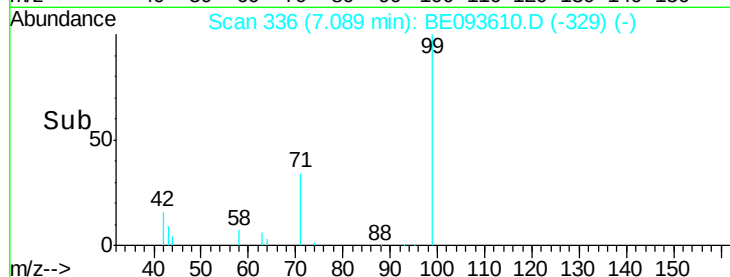
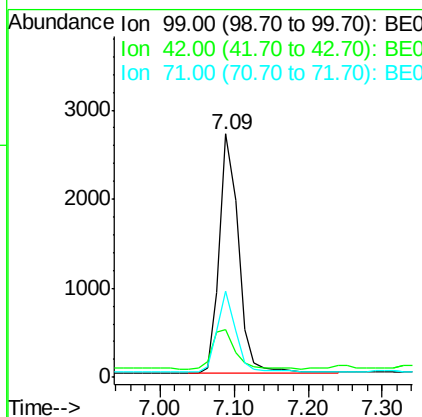
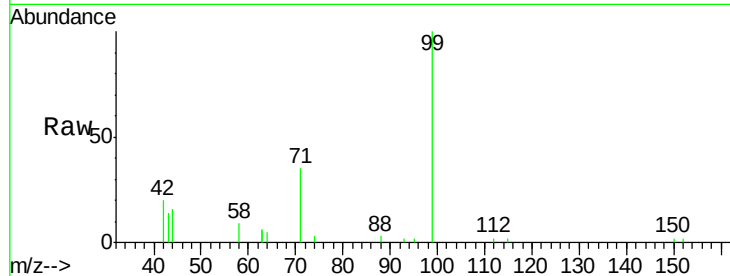
SSTDCCC0.4EC

Tgt Ion:	99	Resp:	4863
Ion Ratio	Lower	Upper	
99	100		
42	19.1	0.0	0.0#
71	32.7	0.0	0.0#

Manual Integrations
APPROVED

Sohil

7/27/2017 6:20:59 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

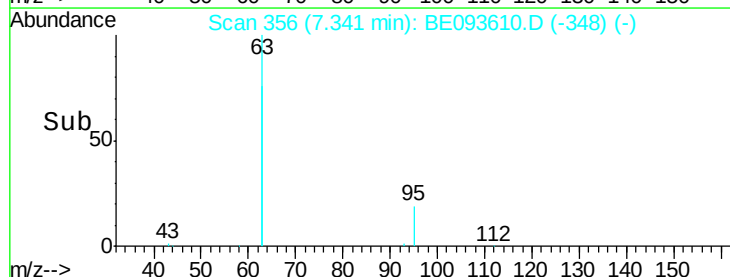
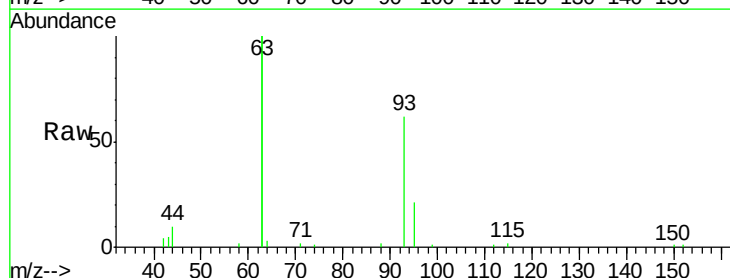
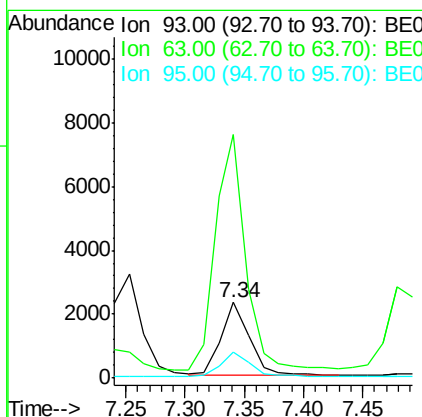
RT: 7.34 min Scan# 356

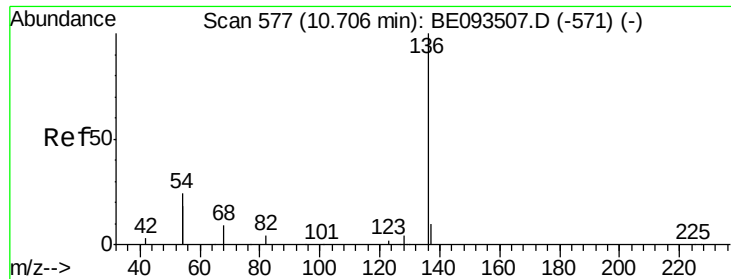
Delta R.T. 0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Tgt Ion:	93	Resp:	3782
Ion Ratio	Lower	Upper	
93	100		
63	342.6	0.0	0.0#
95	32.4	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

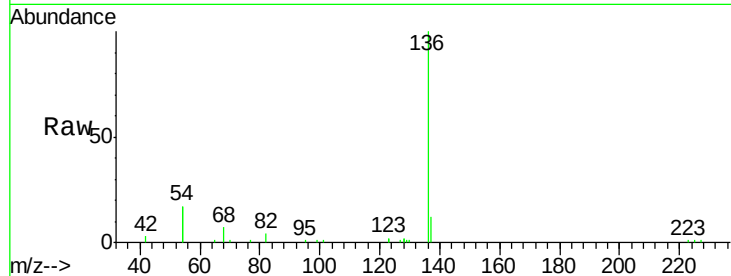
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	9.8	14.8
54	34.0	10.3	15.5#
68	7.3	9.0	13.4#

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM

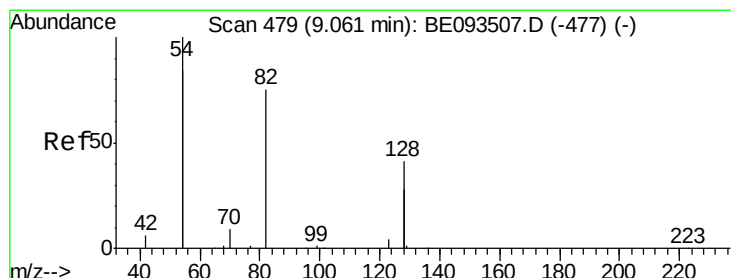
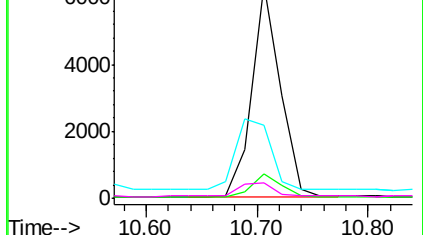
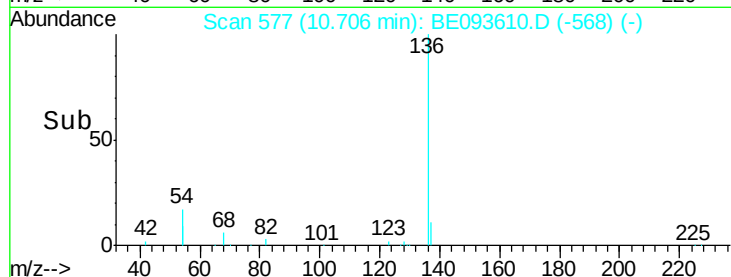


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.436 ng

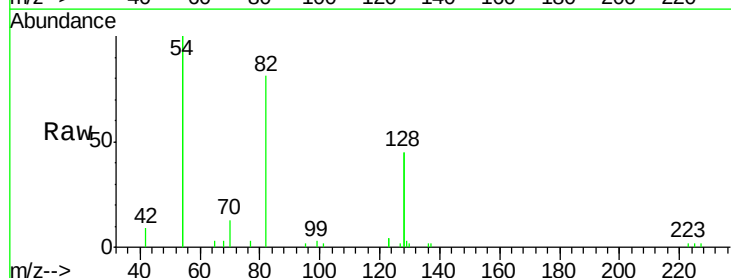
RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

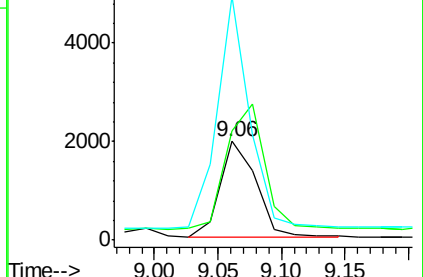
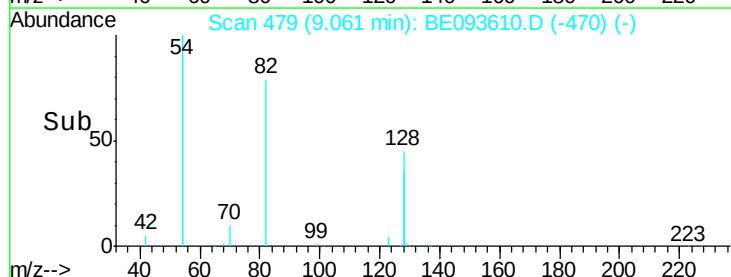
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	110.6	17.0	25.4#
54	246.1	53.8	80.6#

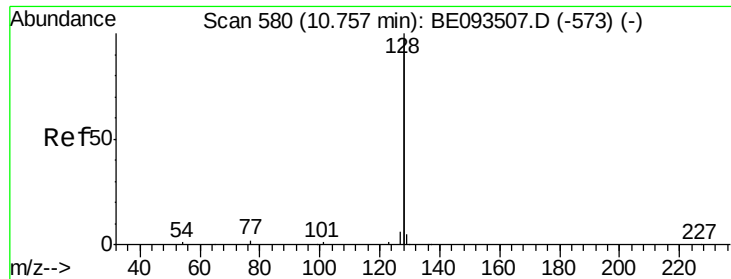


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.437 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

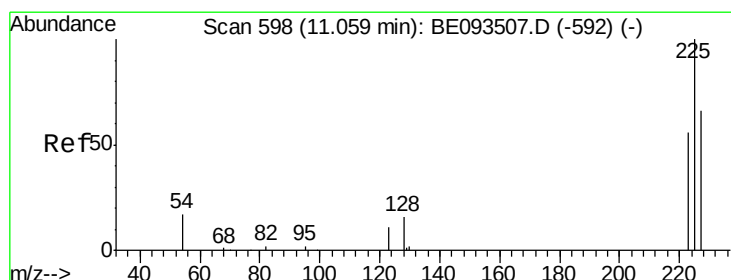
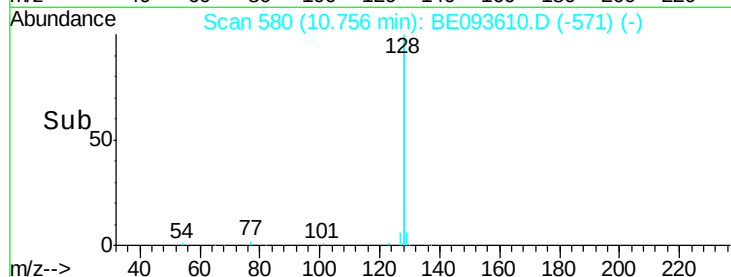
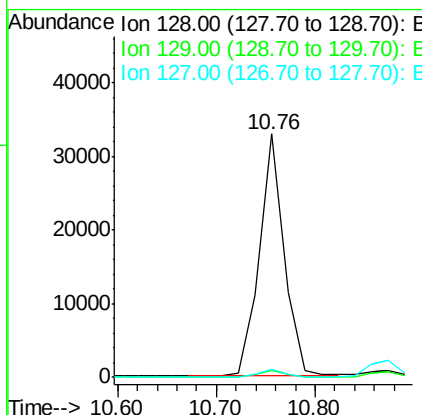
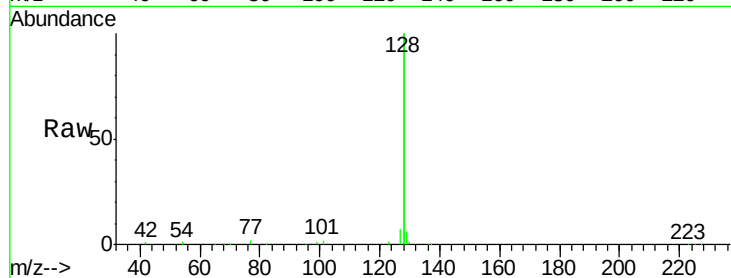
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	128	Resp:	56795
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.4	3.6
127	3.3	2.4	3.6

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM



#10

Hexachlorobutadiene

Concen: 0.418 ng

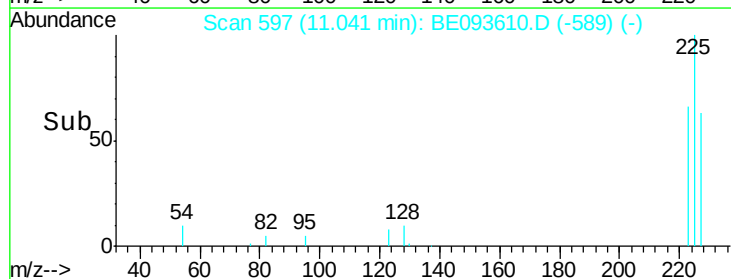
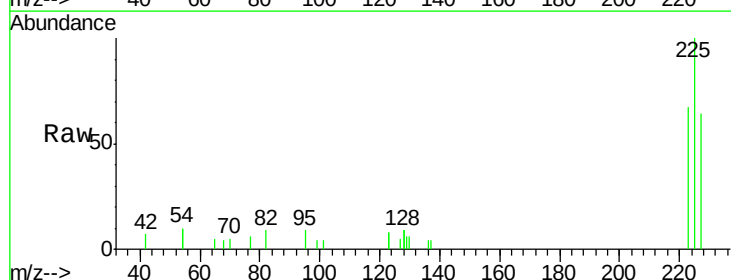
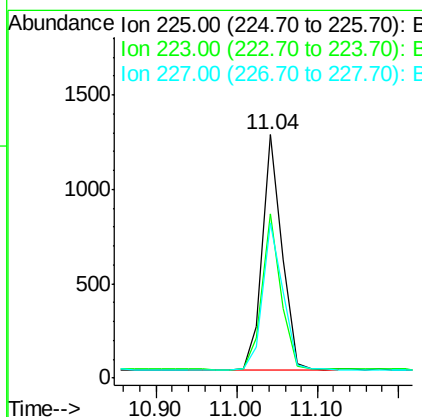
RT: 11.04 min Scan# 597

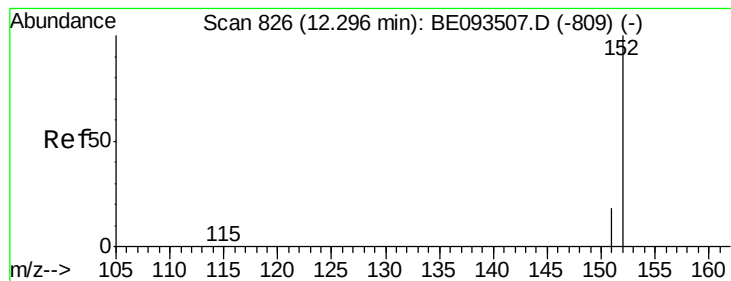
Delta R.T. -0.02 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Tgt Ion:	225	Resp:	2113
Ion Ratio	Lower	Upper	
225	100		
223	64.1	49.7	74.5
227	64.3	50.3	75.5





#11

2-Methylnaphthalene-d10

Concen: 0.456 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:152 Resp: 8215

Ion Ratio Lower Upper

152 100

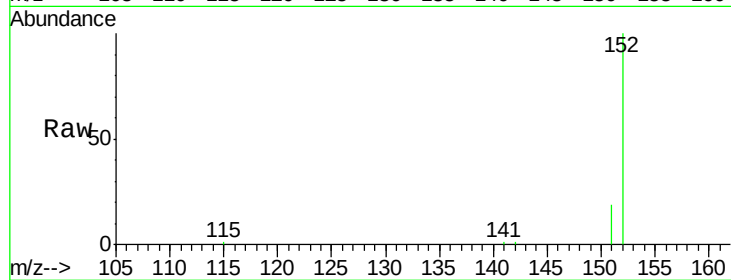
151 19.3 15.1 22.7

Manual Integrations

APPROVED

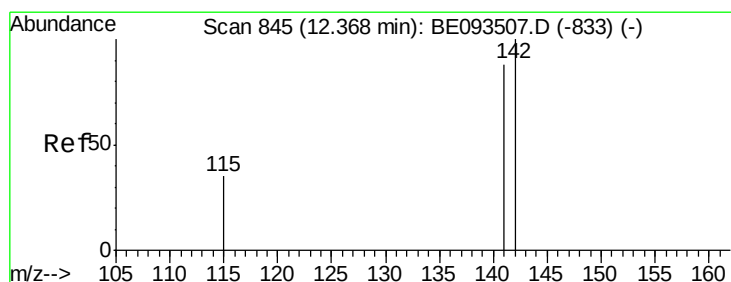
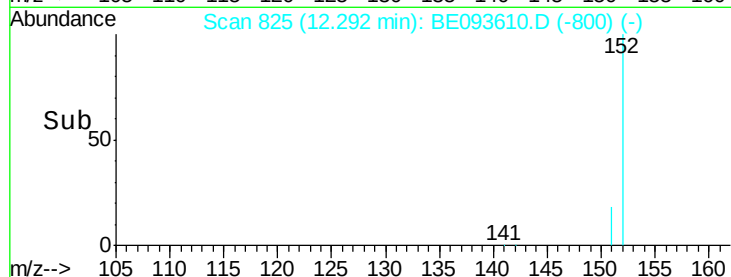
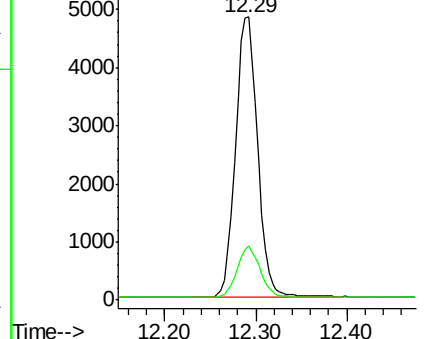
Sohil

7/27/2017 6:20:59 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.449 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

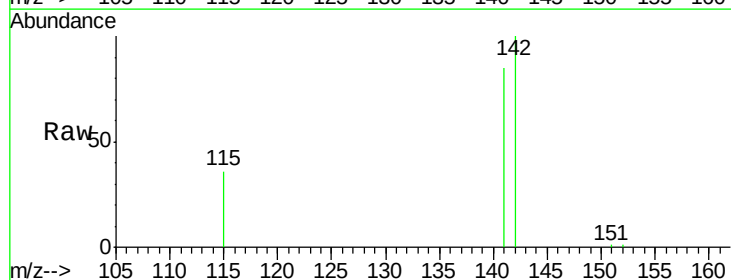
Tgt Ion:142 Resp: 9784

Ion Ratio Lower Upper

142 100

141 85.4 72.6 108.8

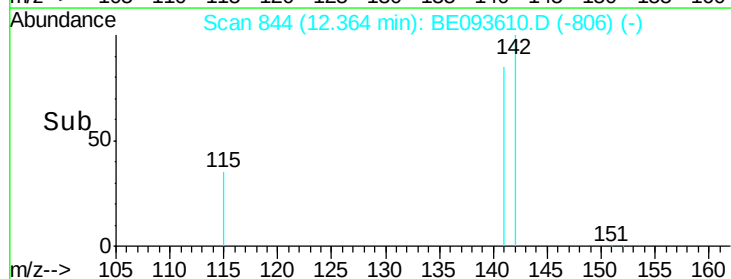
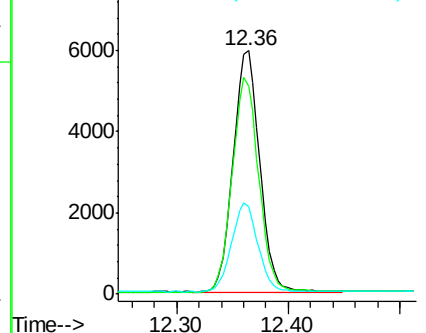
115 35.8 32.2 48.2

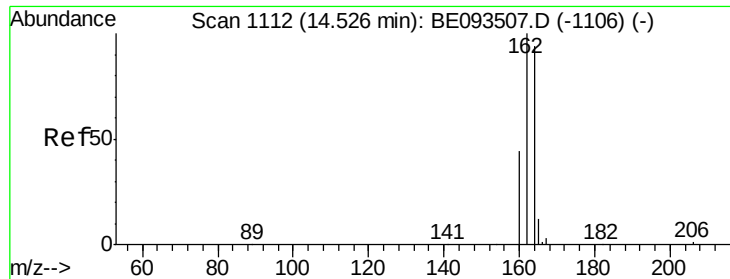


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





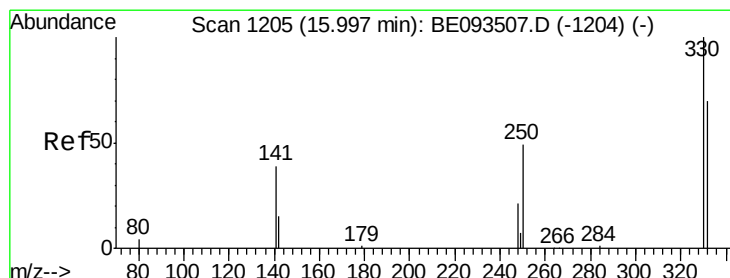
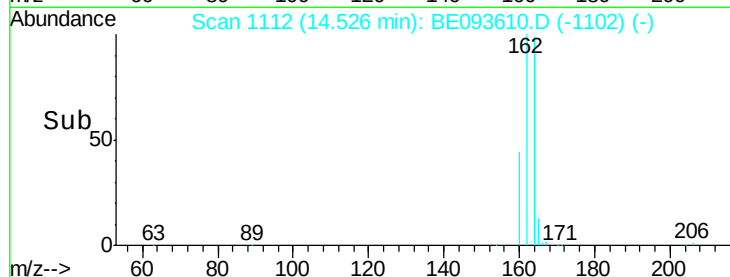
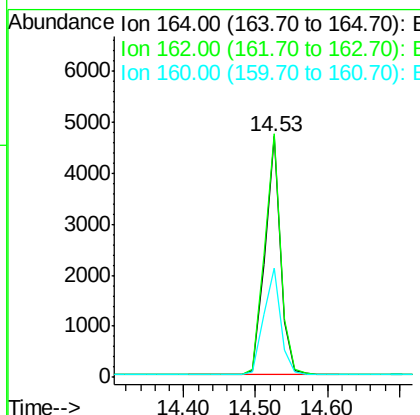
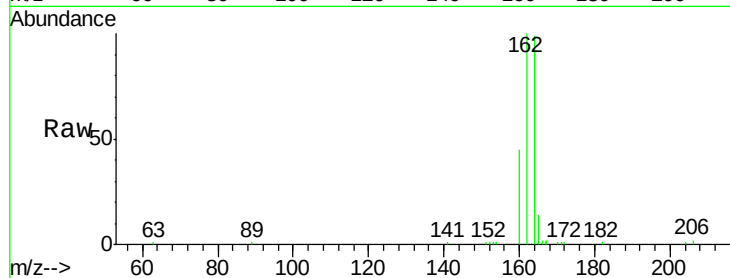
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.6	127.0
160	45.4	41.8	62.6

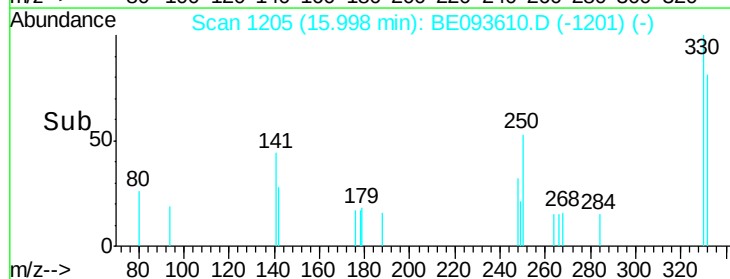
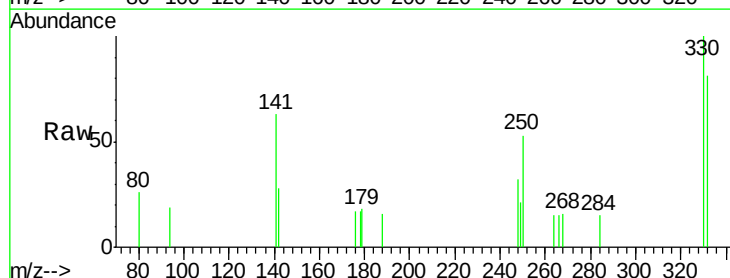
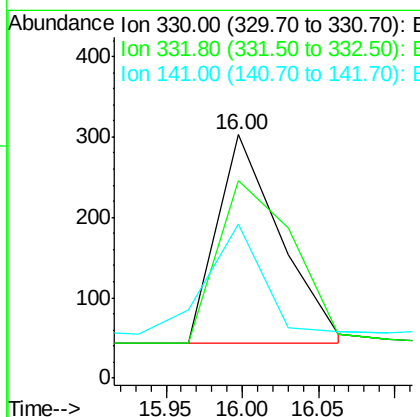
Manual Integrations
 APPROVED

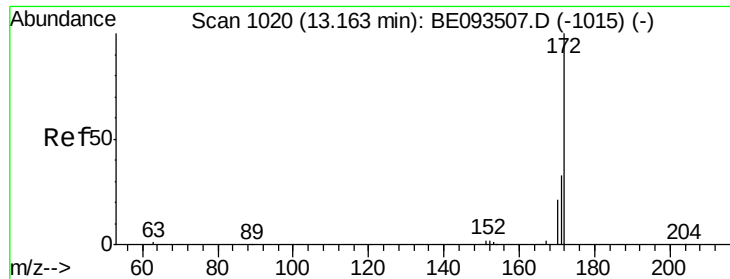
Sohil
 7/27/2017 6:20:59 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.282 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.7	116.5
141	46.7	56.2	84.4#





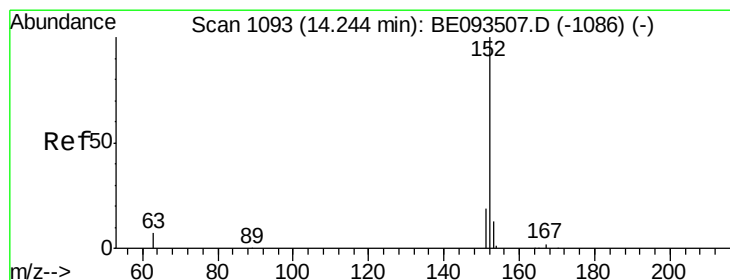
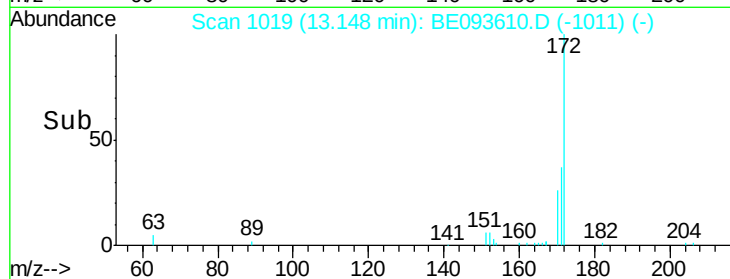
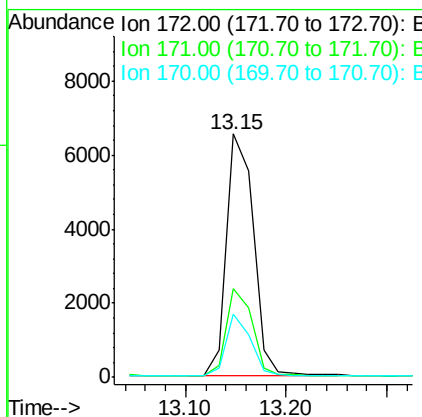
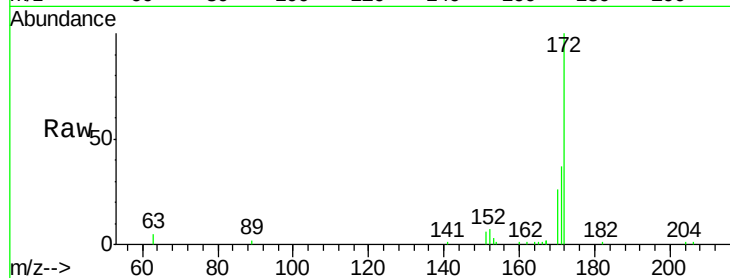
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.8	20.7	31.1

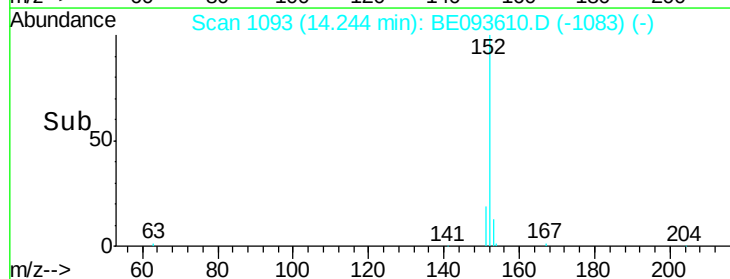
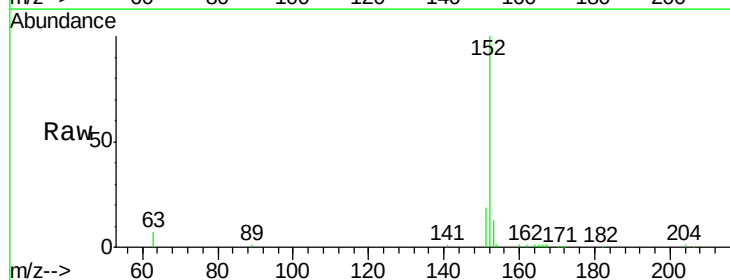
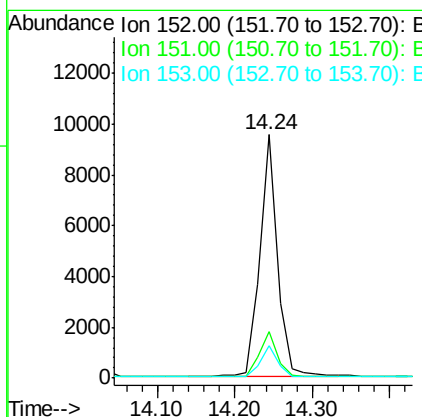
Manual Integrations
APPROVED

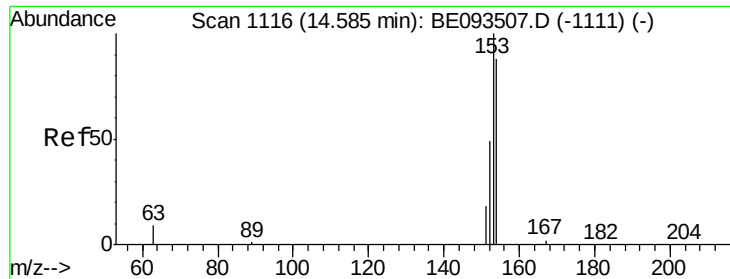
Sohil
7/27/2017 6:20:59 PM



#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	4.0	6.0#
153	12.9	10.3	15.5





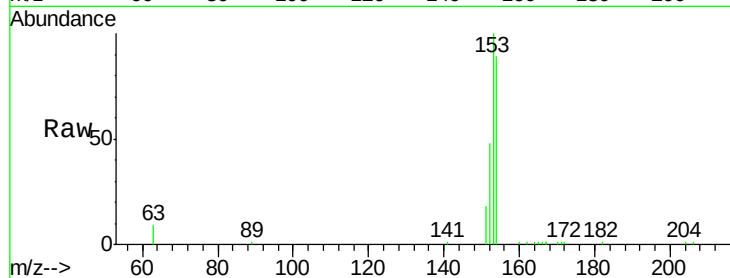
#17
Acenaphthene
Concen: 0.425 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	54.3	44.8	67.2

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM

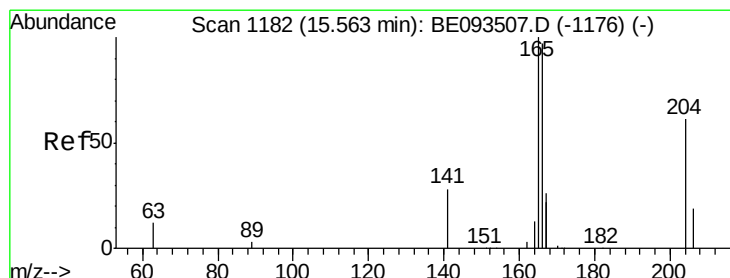
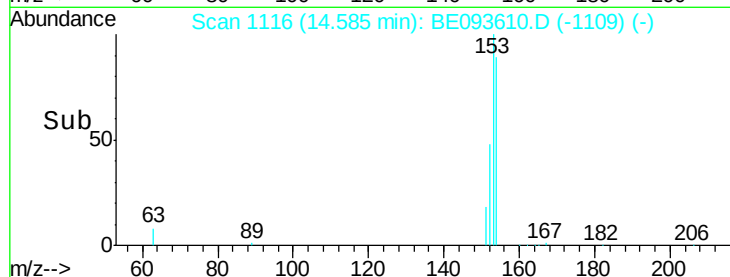
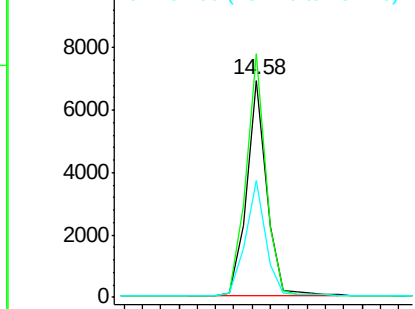


Abundance

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: 0.404 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

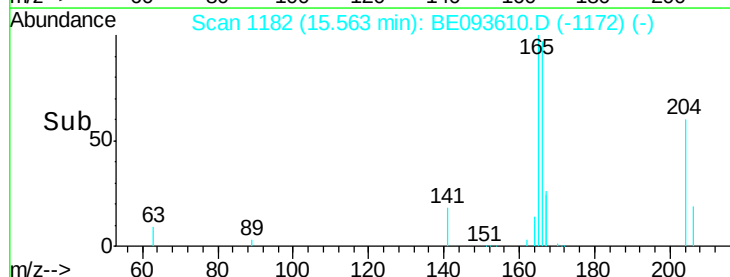
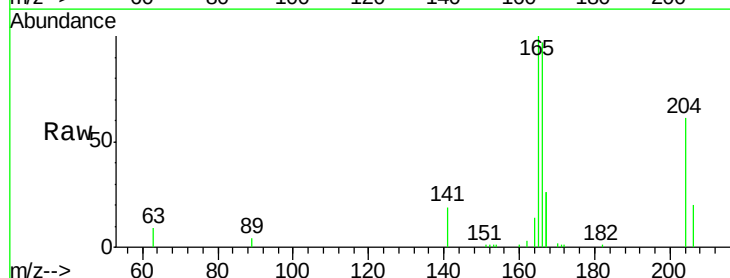
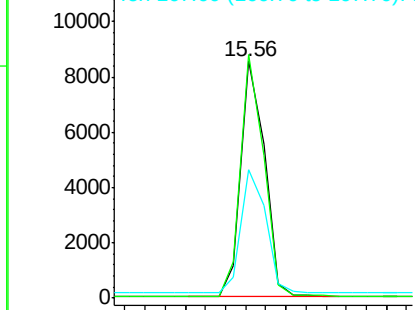
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	54.6	11.1	16.7#

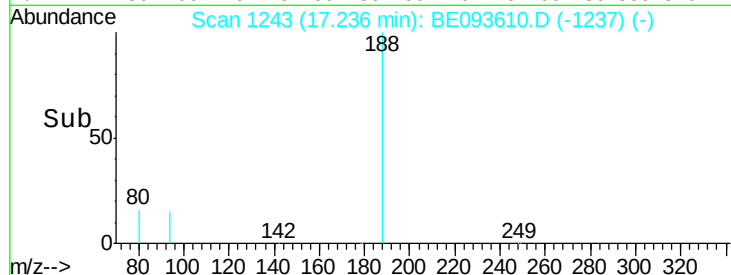
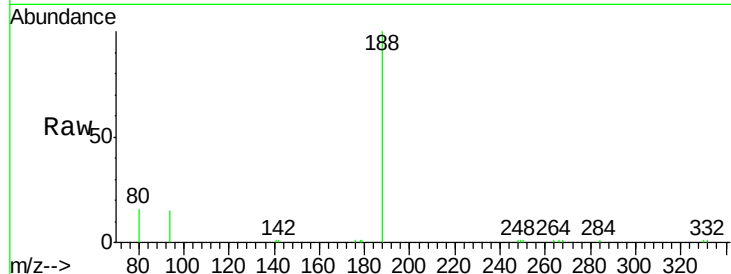
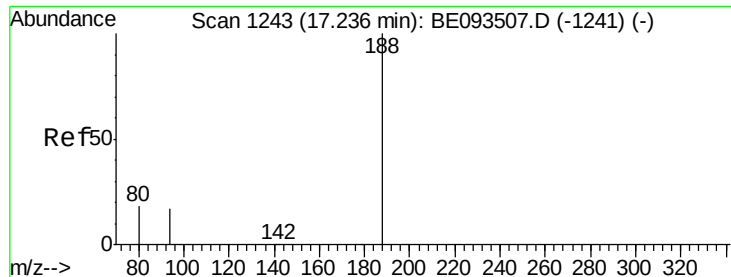
Abundance

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





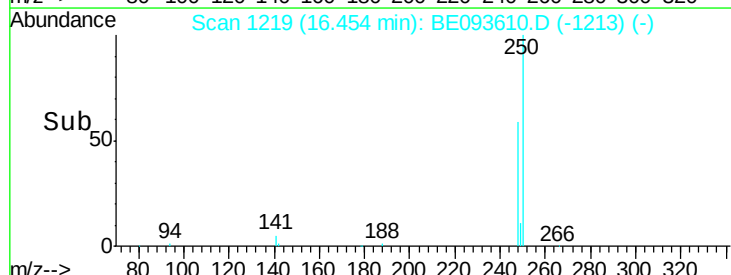
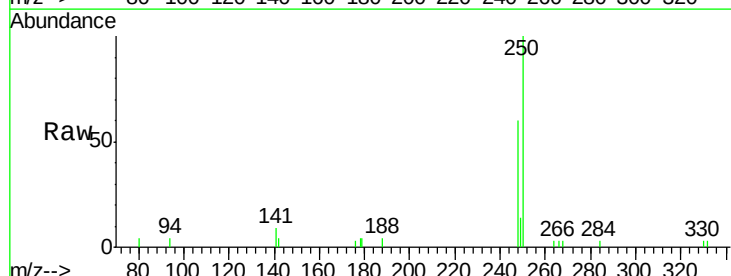
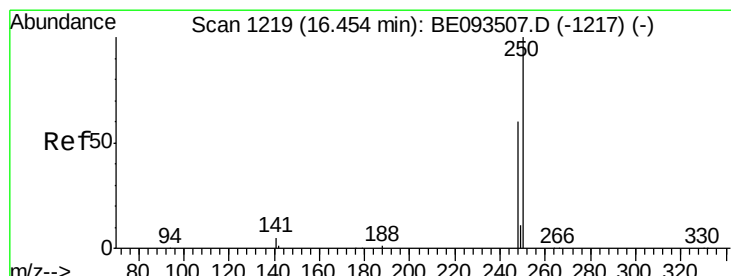
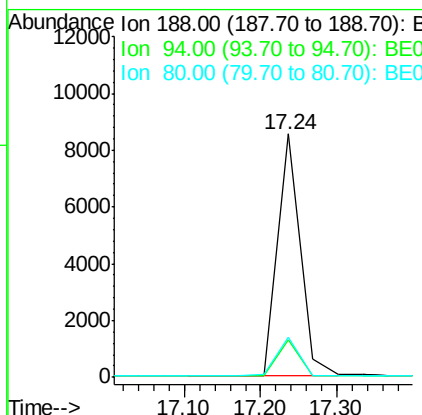
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.4	11.3	16.9
80	16.3	11.7	17.5

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

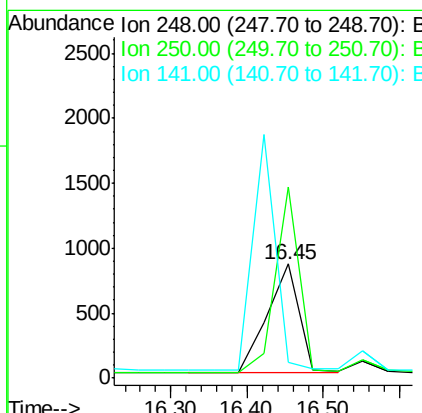
Manual Integrations
APPROVED

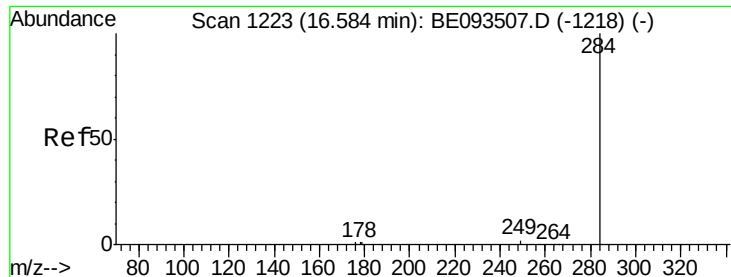
Sohil
7/27/2017 6:20:59 PM



#20
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	167.5	128.0	192.0
141	14.4	12.0	18.0





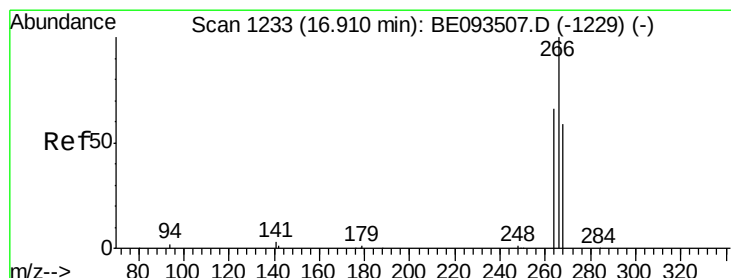
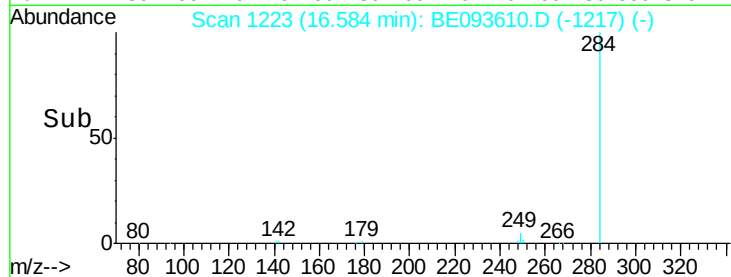
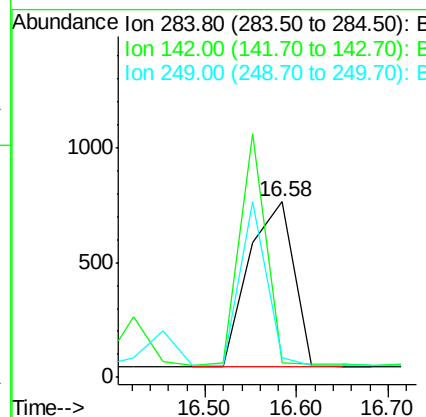
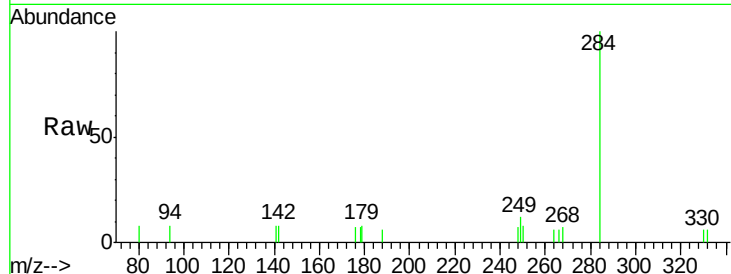
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

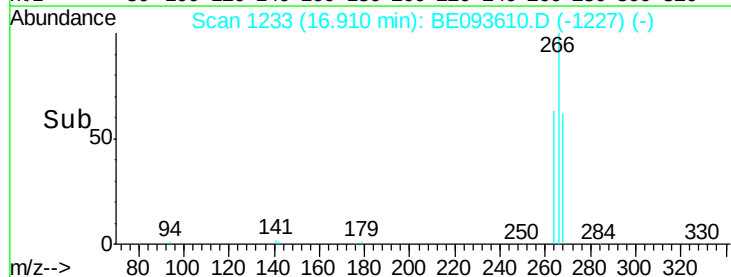
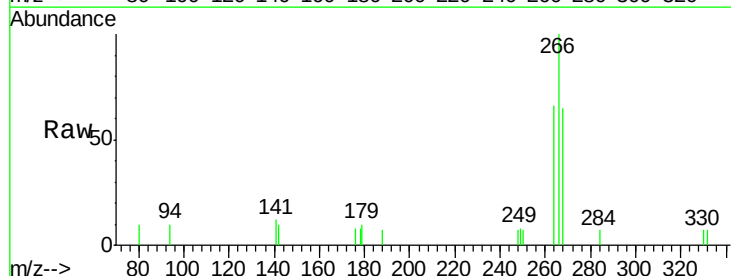
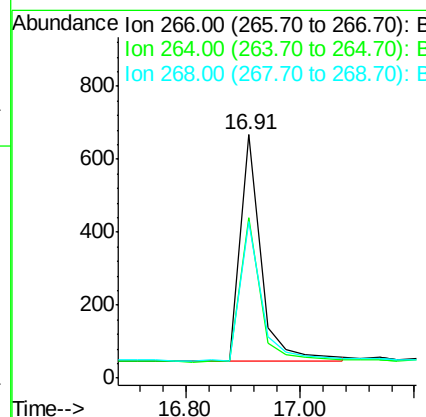
Manual Integrations
APPROVED

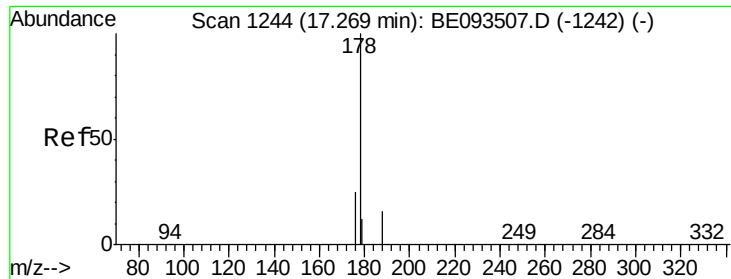
Sohil
7/27/2017 6:20:59 PM



#22
Pentachlorophenol
Concen: 0.478 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	56.0	84.0
268	64.5	52.0	78.0





#23

Phenanthrene

Concen: 0.413 ng m

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:178 Resp: 16802

Ion Ratio Lower Upper

178 100

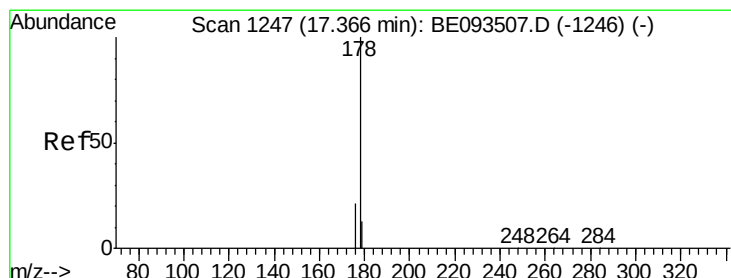
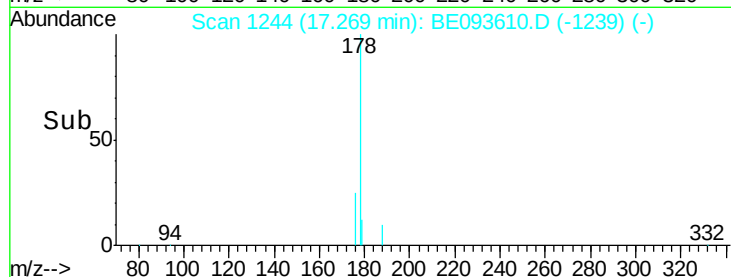
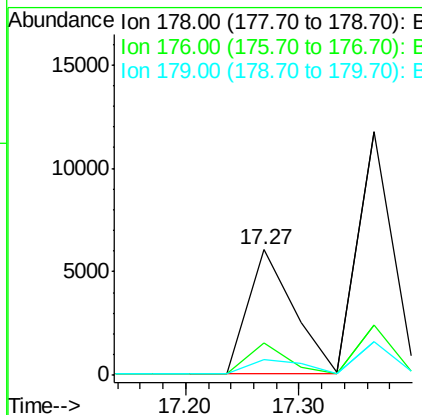
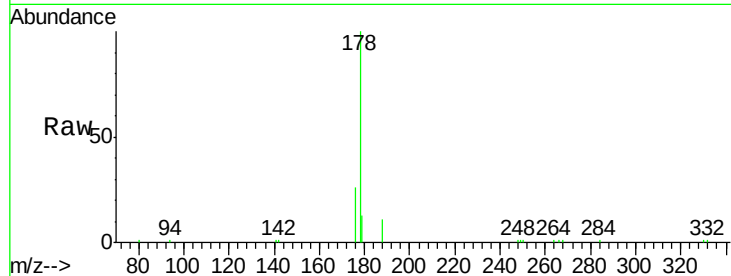
176 0.0 15.0 22.4#

179 0.0 12.7 19.1#

Manual Integrations
APPROVED

Sohil

7/27/2017 6:20:59 PM



#24

Anthracene

Concen: 0.404 ng m

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

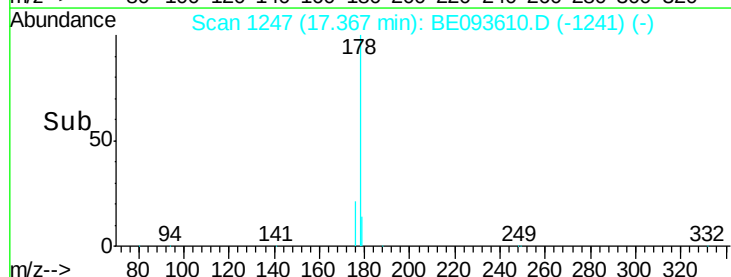
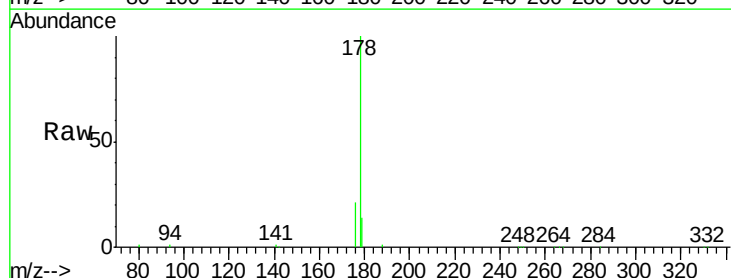
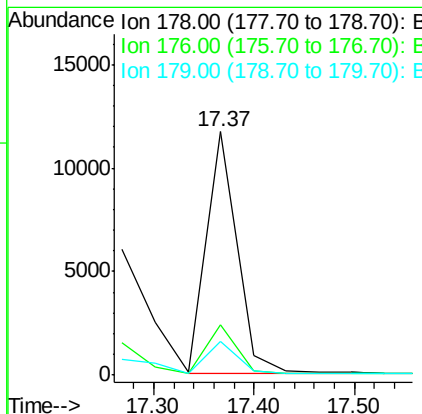
Tgt Ion:178 Resp: 25116

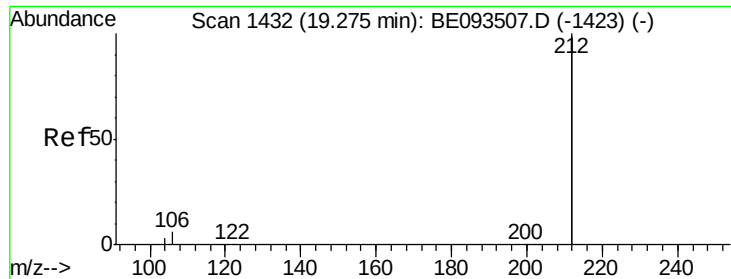
Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

179 23.5 12.0 18.0#





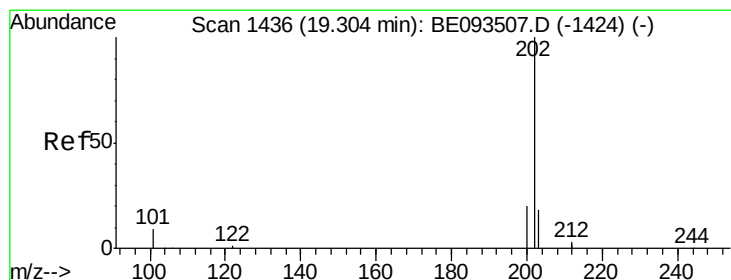
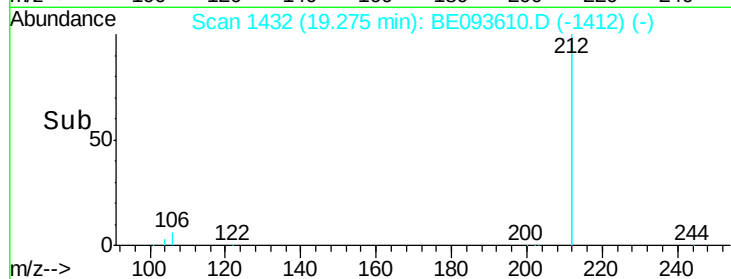
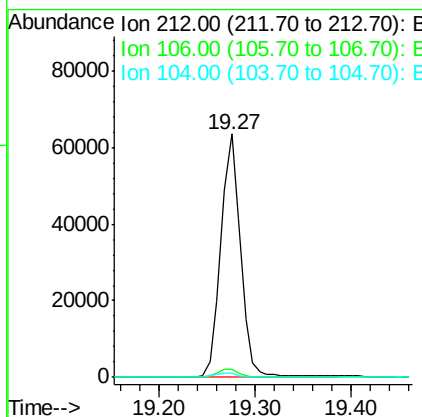
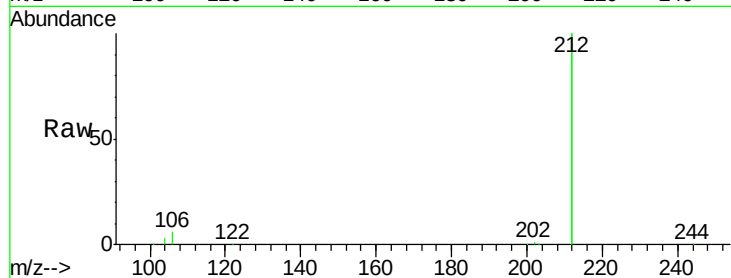
#25
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:	212	Resp:	88738
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4

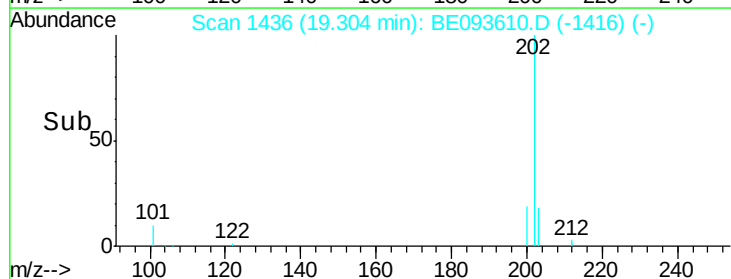
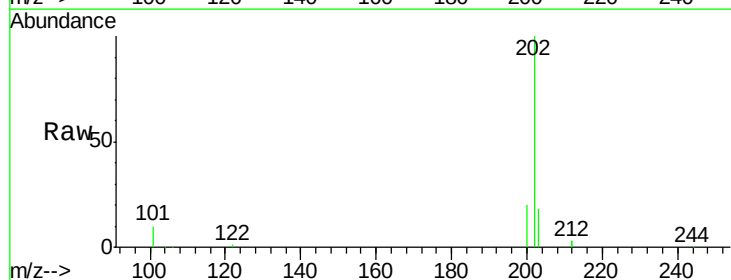
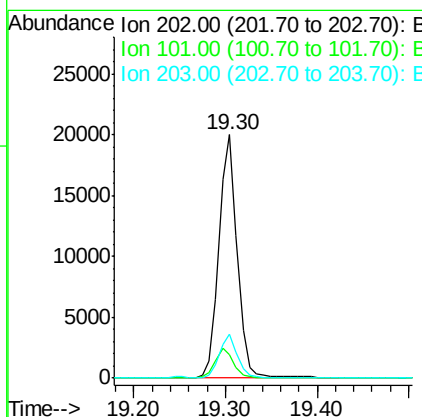
Manual Integrations
 APPROVED

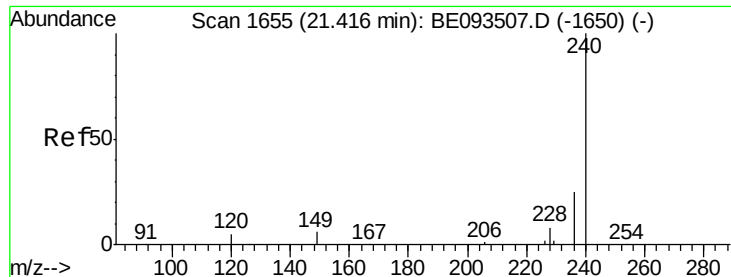
Sohil
 7/27/2017 6:20:59 PM



#26
 Fluoranthene
 Concen: 0.313 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Tgt Ion:	202	Resp:	27138
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.6	14.4
203	17.3	14.4	21.6





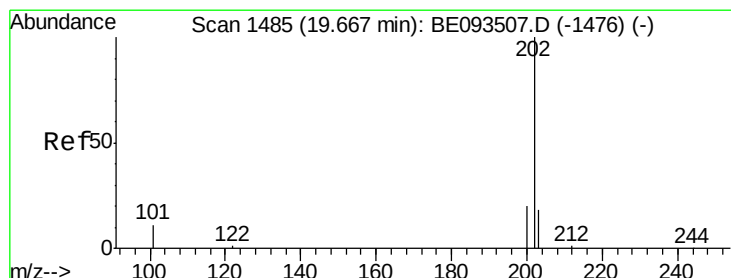
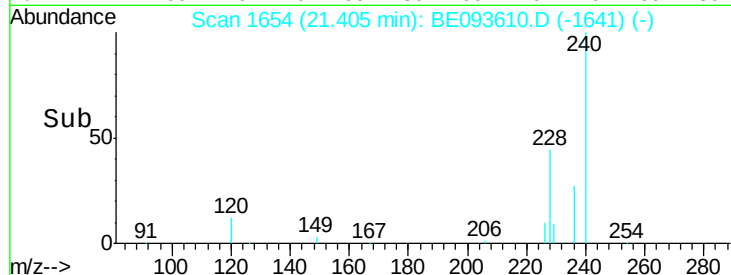
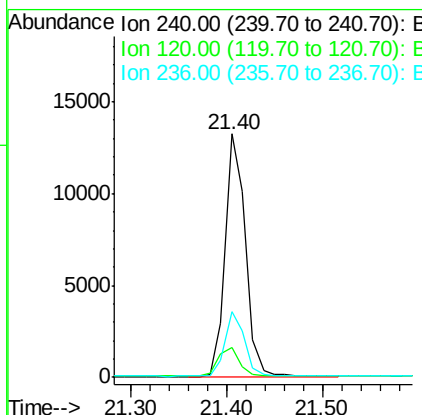
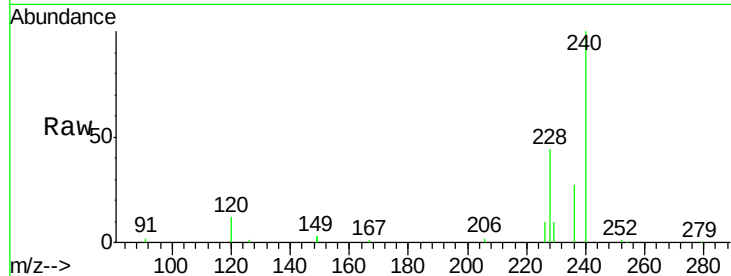
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	4.6	7.0#
236	26.9	20.8	31.2

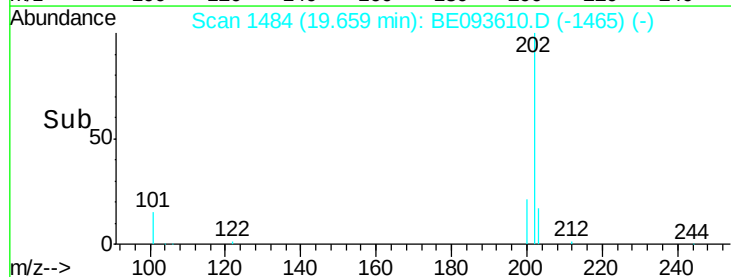
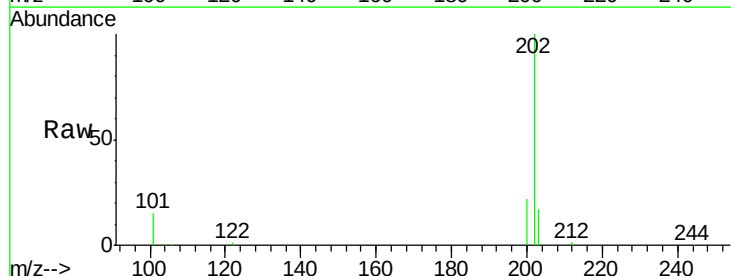
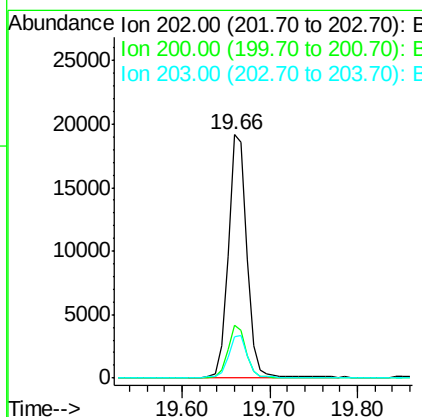
Manual Integrations
 APPROVED

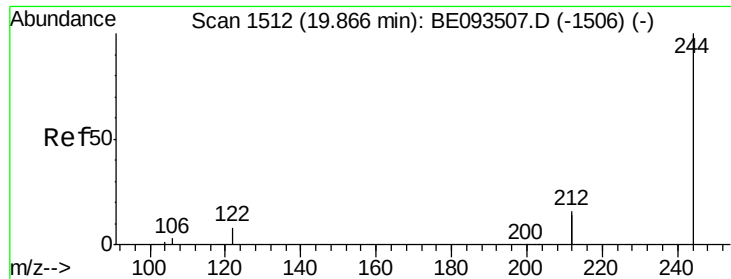
Sohil
 7/27/2017 6:20:59 PM



#28
 Pyrene
 Concen: 0.447 ng
 RT: 19.66 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

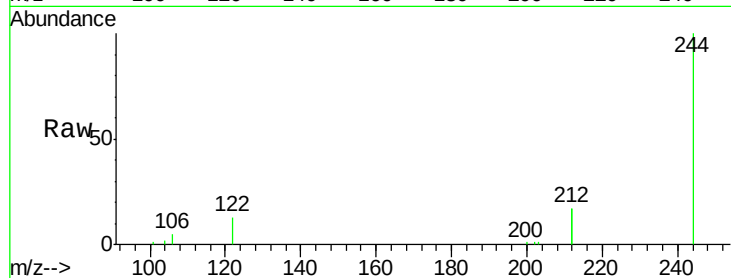
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.5	13.7	20.5





#29
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

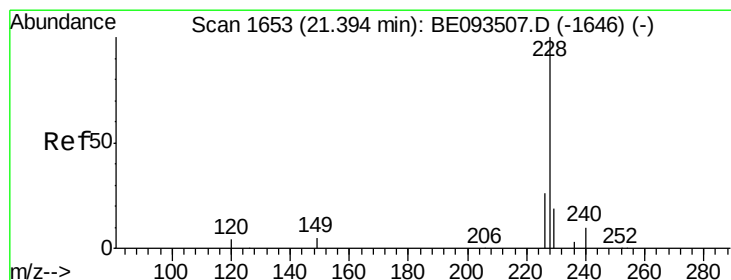
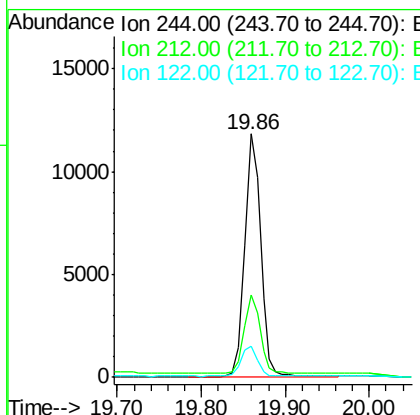
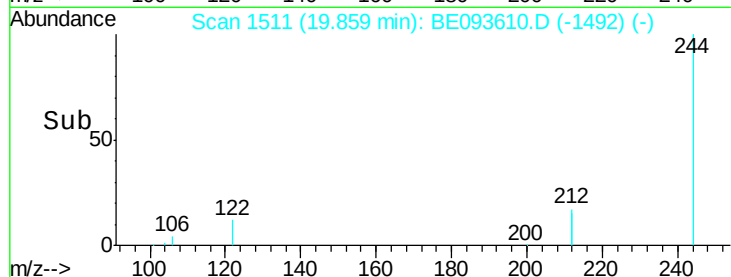
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC



Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.1	10.6	16.0
122	12.7	15.4	23.0

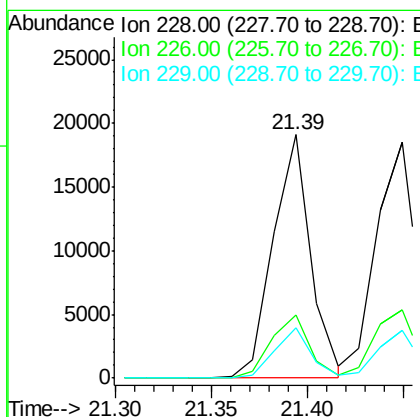
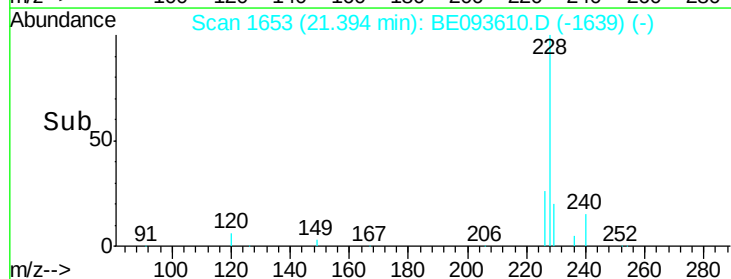
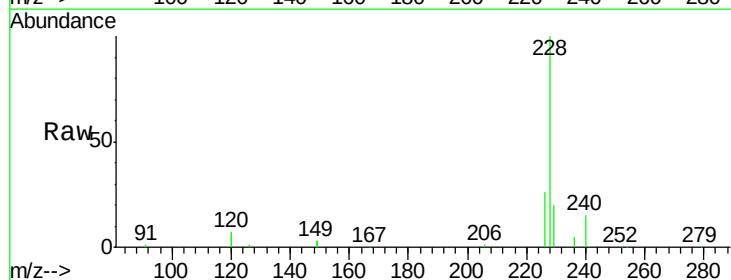
Manual Integrations
 APPROVED

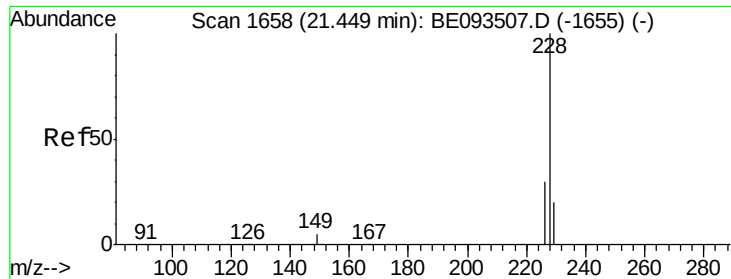
Sohil
 7/27/2017 6:20:59 PM



#30
 Benzo(a)anthracene
 Concen: 0.413 ng
 RT: 21.39 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	19.7	29.5
229	20.4	19.2	28.8





#31

Chrysene

Concen: 0.440 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

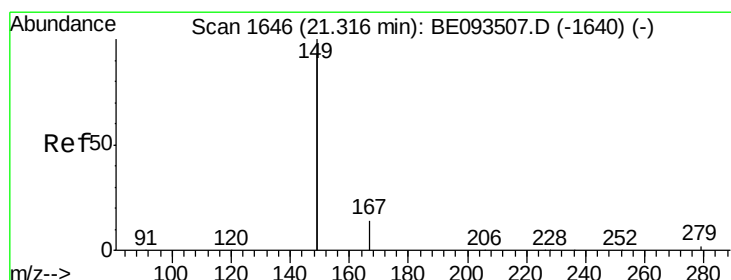
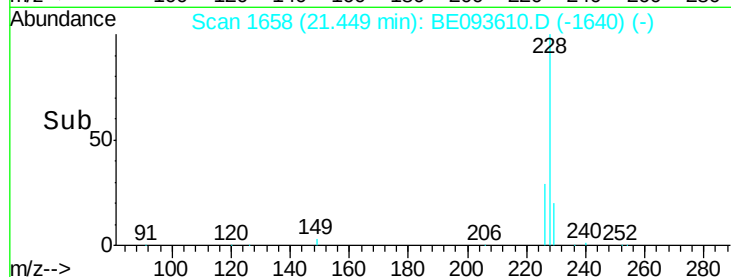
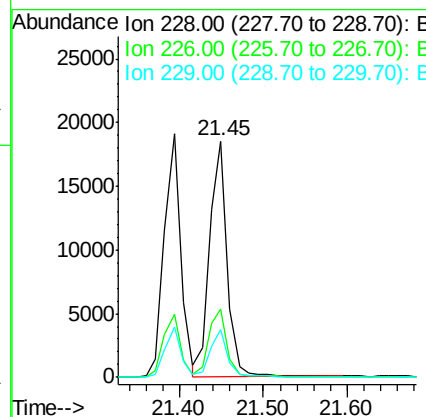
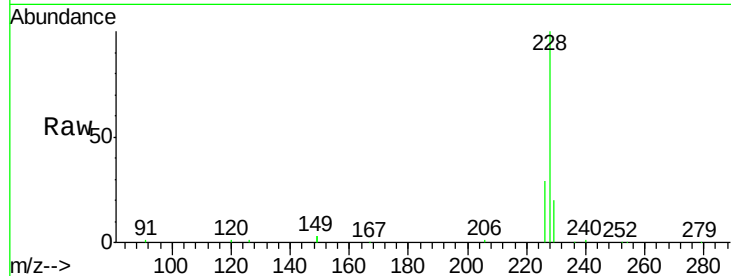
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	228	Resp:	27128
Ion Ratio	Lower	Upper	
228	100		
226	28.9	21.5	32.3
229	20.3	18.6	28.0

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.295 ng

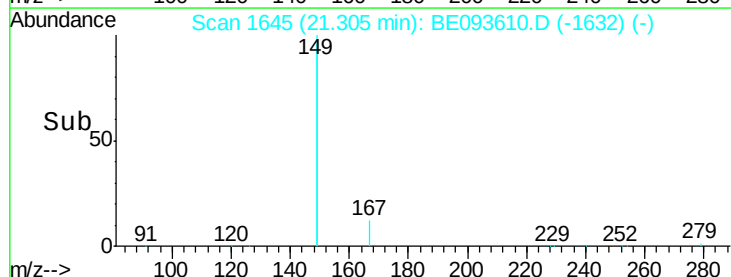
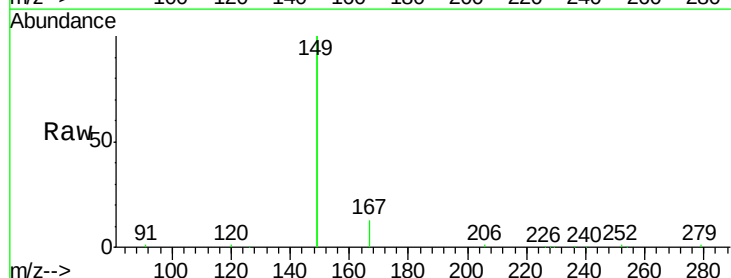
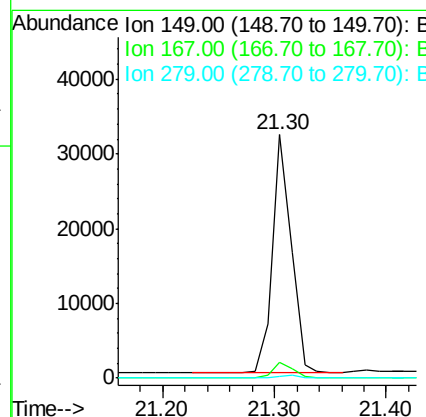
RT: 21.30 min Scan# 1645

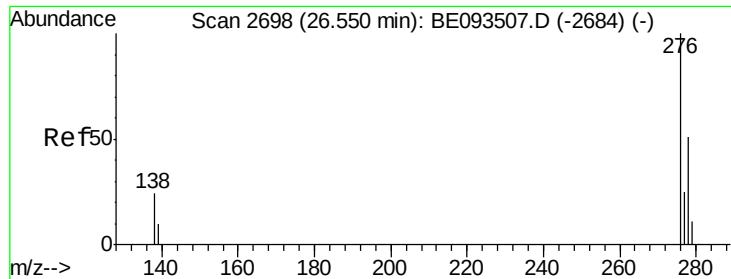
Delta R.T. -0.01 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Tgt Ion:	149	Resp:	37507
Ion Ratio	Lower	Upper	
149	100		
167	6.6	4.8	7.2
279	0.9	0.8	1.2





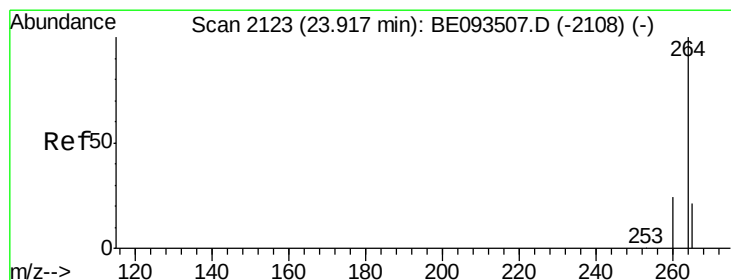
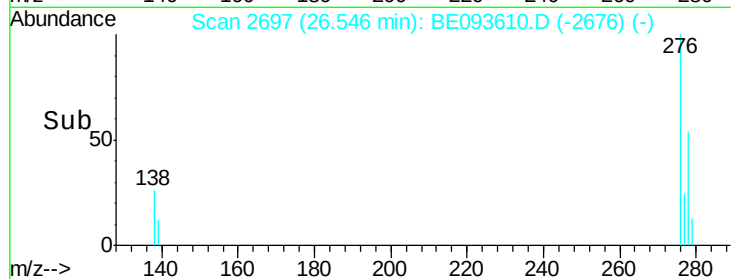
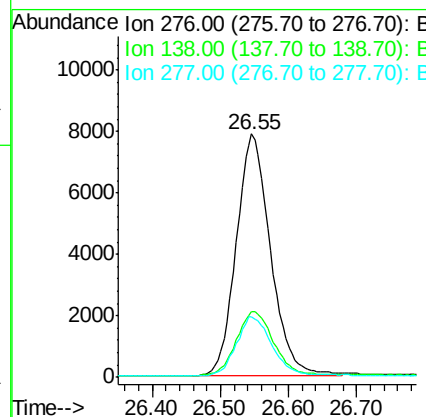
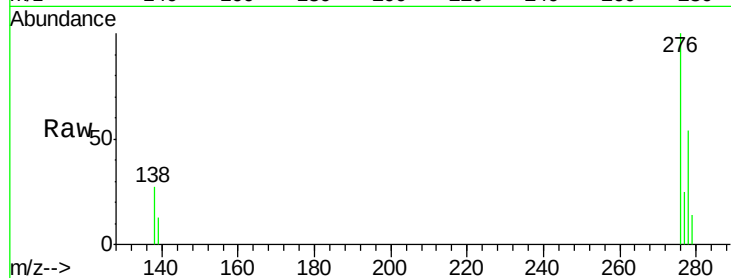
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.471 ng
 RT: 26.55 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.4	41.2
277	25.3	20.1	30.1

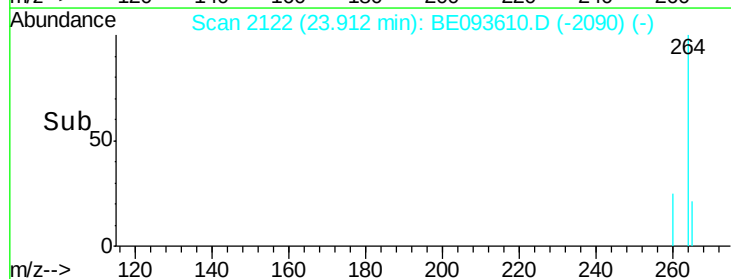
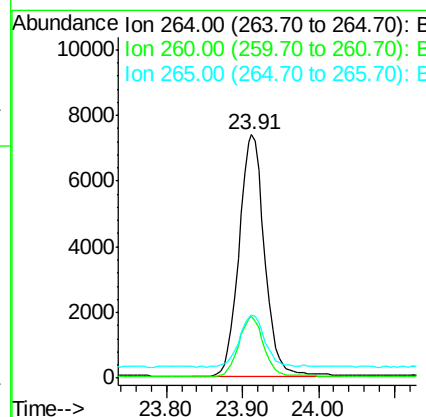
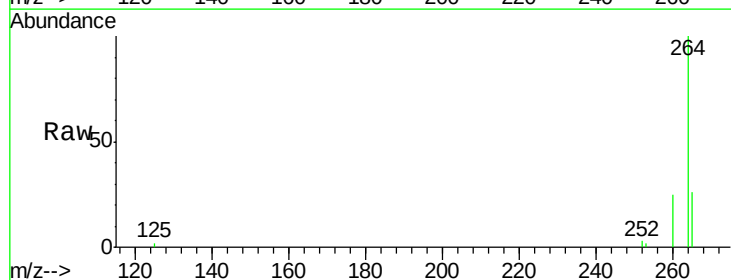
Manual Integrations
 APPROVED

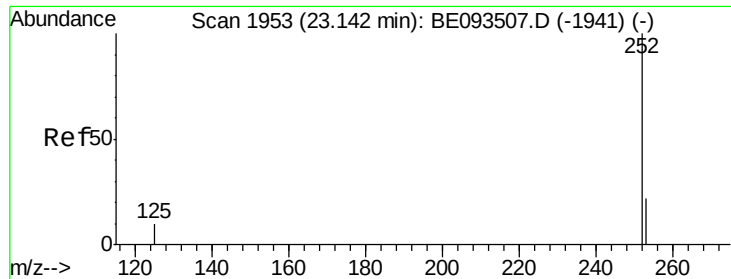
Sohil
 7/27/2017 6:20:59 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093610.D
 Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.0	31.4
265	25.9	24.6	36.8





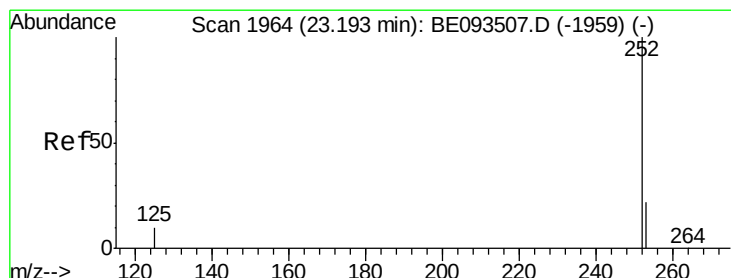
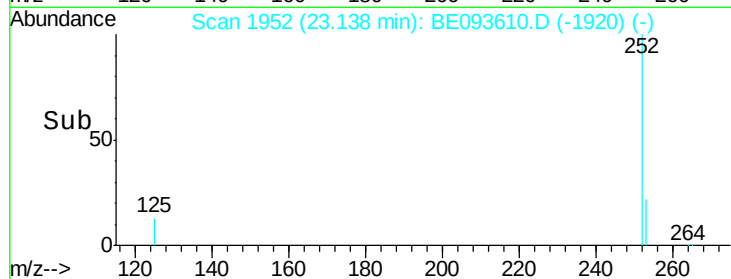
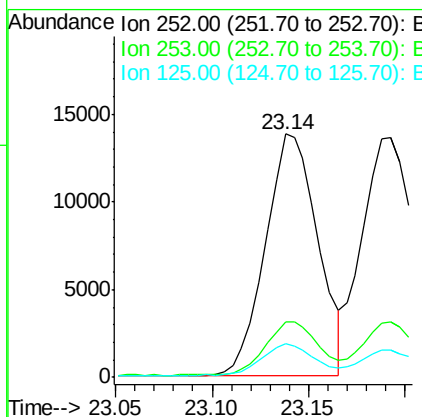
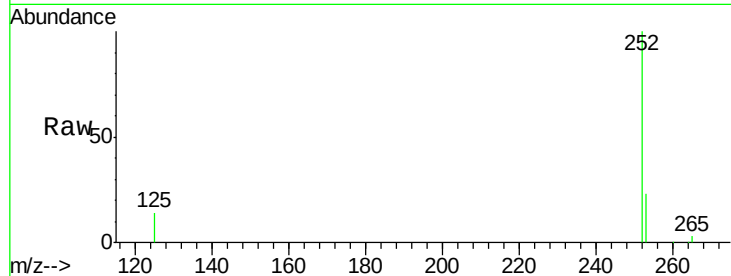
#35
Benzo(b)fluoranthene
Concen: 0.432 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	13.7	13.4	20.0

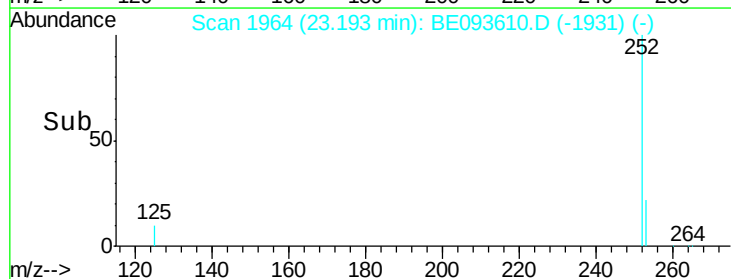
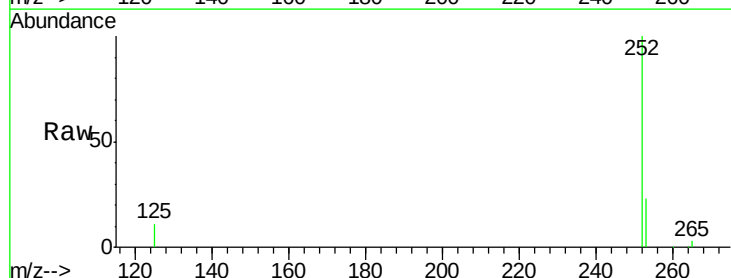
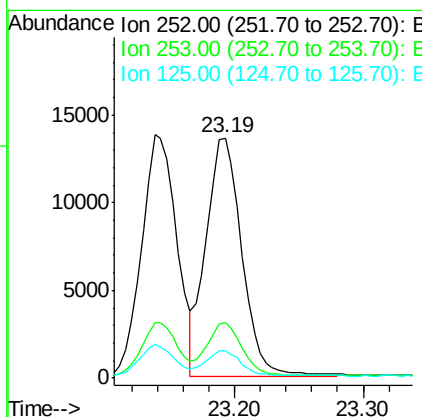
Manual Integrations
APPROVED

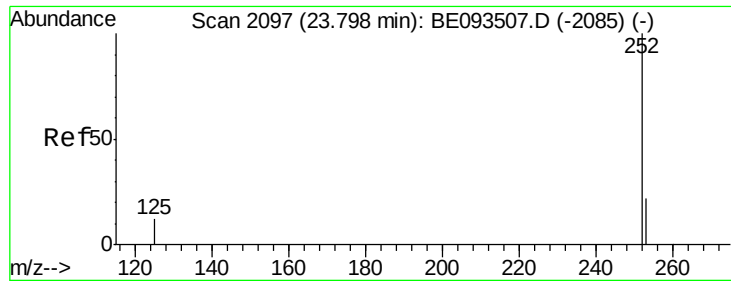
Sohil
7/27/2017 6:20:59 PM



#36
Benzo(k)fluoranthene
Concen: 0.444 ng m
RT: 23.19 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BE093610.D
Acq: 26 Jul 2017 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	11.1	12.2	18.4#





#37

Benzo(a)pyrene

Concen: 0.438 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

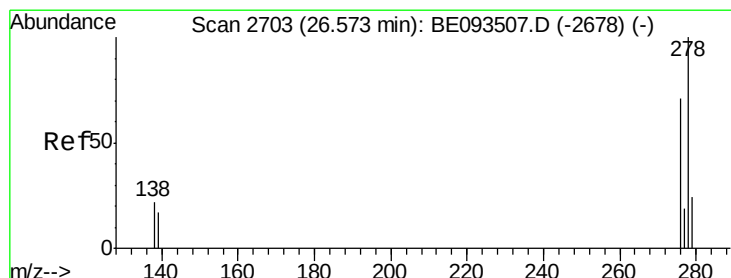
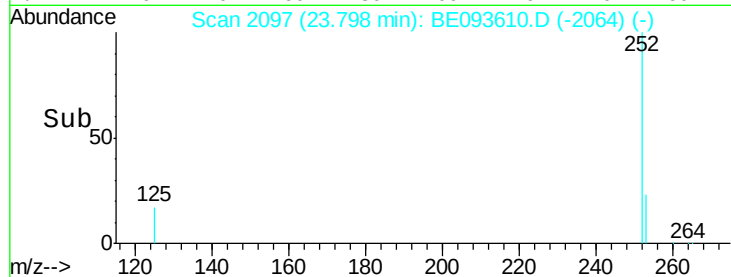
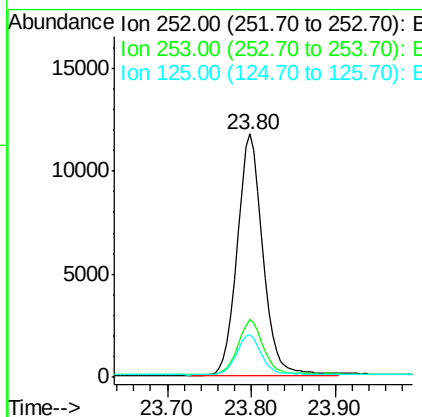
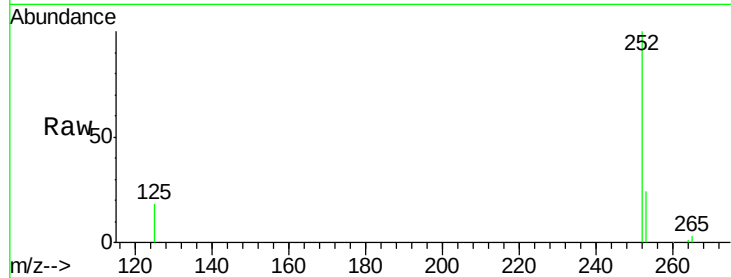
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	24646
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.9	29.9
125	17.7	14.6	21.8

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.444 ng

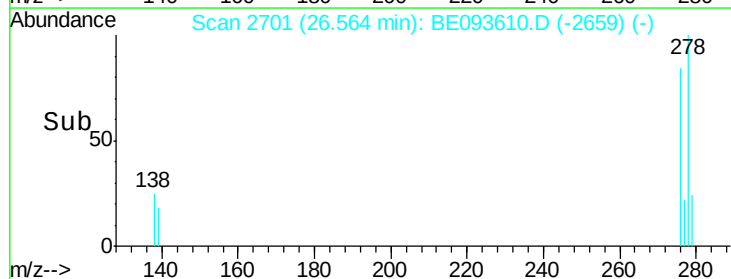
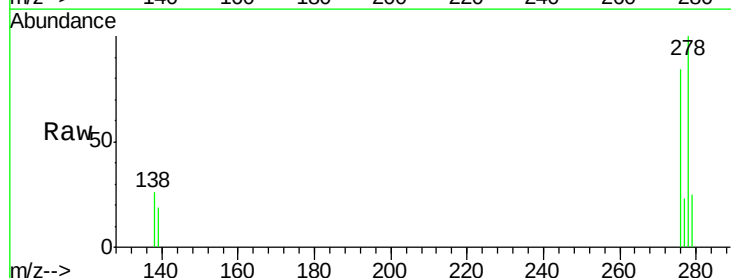
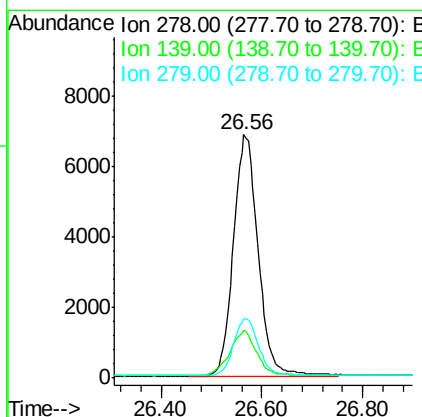
RT: 26.56 min Scan# 2701

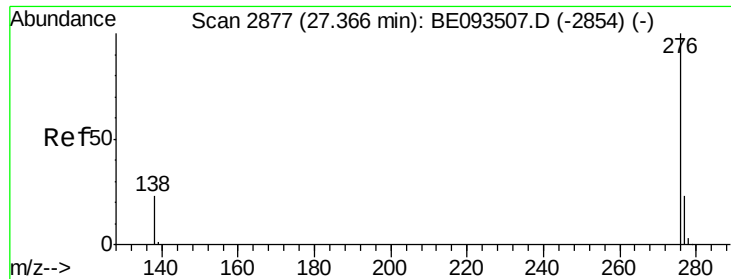
Delta R.T. -0.01 min

Lab File: BE093610.D

Acq: 26 Jul 2017 18:28

Tgt Ion:	278	Resp:	23609
Ion Ratio	Lower	Upper	
278	100		
139	19.4	21.4	32.0#
279	24.5	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.427 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093610.D

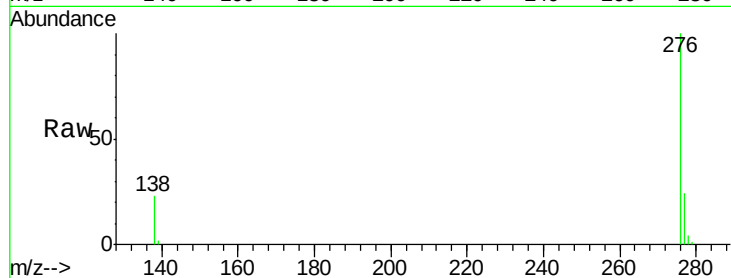
Acq: 26 Jul 2017 18:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.2	31.8
138	23.2	24.5	36.7#

Manual Integrations
APPROVED

Sohil
7/27/2017 6:20:59 PM

