

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093933.D
 Acq On : 5 Sep 2017 12:34
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Manual Integrations
 APPROVED

Sohil
 9/7/2017 6:30:50 PM

Quant Time: Sep 05 13:26:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 12:08:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1879	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10318	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5910	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10637	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	14540	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11895	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	19817	3.43	ng	0.00
5) Phenol-d6	7.11	99	31055	3.51	ng	0.00
8) Nitrobenzene-d5	9.06	82	29103	3.39	ng	-0.02
11) 2-Methylnaphthalene-d10	12.29	152	52672	3.23	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	4757	3.00	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	71651	3.05	ng	-0.01
25) Fluoranthene-d10	19.28	212	510722	4.16	ng	0.00
29) Terphenyl-d14	19.86	244	84815	3.22	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	7415	2.872	ng	93
3) n-Nitrosodimethylamine	3.74	42	10617	3.694	ng	# 97
6) bis(2-Chloroethyl)ether	7.34	93	23931	3.513	ng	95
9) Naphthalene	10.76	128	368081	3.133	ng	99
10) Hexachlorobutadiene	11.04	225	13207	3.184	ng	98
12) 2-Methylnaphthalene	12.36	142	63189	3.218	ng	100
16) Acenaphthylene	14.24	152	101175	3.459	ng	100
17) Acenaphthene	14.58	154	61990	3.143	ng	99
18) Fluorene	15.56	166	81729	3.203	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	12189	2.768	ng	# 1
21) Hexachlorobenzene	16.58	284	15916	4.148	ng	# 100
22) Pentachlorophenol	16.94	266	4805	2.882	ng	93
23) Phenanthrene	17.30	178	80874m	2.991	ng	
24) Anthracene	17.37	178	111911m	3.471	ng	
26) Fluoranthene	19.30	202	152141	4.107	ng	100
28) Pyrene	19.67	202	158798	3.246	ng	100
30) Benzo(a)anthracene	21.40	228	142185	3.293	ng	100
31) Chrysene	21.46	228	147456	3.074	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	321060	3.527	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	102183	3.121	ng	99
35) Benzo(b)fluoranthene	23.16	252	124347	3.275	ng	96
36) Benzo(k)fluoranthene	23.21	252	148297	3.417	ng	99
37) Benzo(a)pyrene	23.82	252	123210	3.269	ng	95
38) Dibenzo(a,h)anthracene	26.61	278	86558	3.253	ng	95
39) Benzo(g,h,i)perylene	27.41	276	86379	2.980	ng	95

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

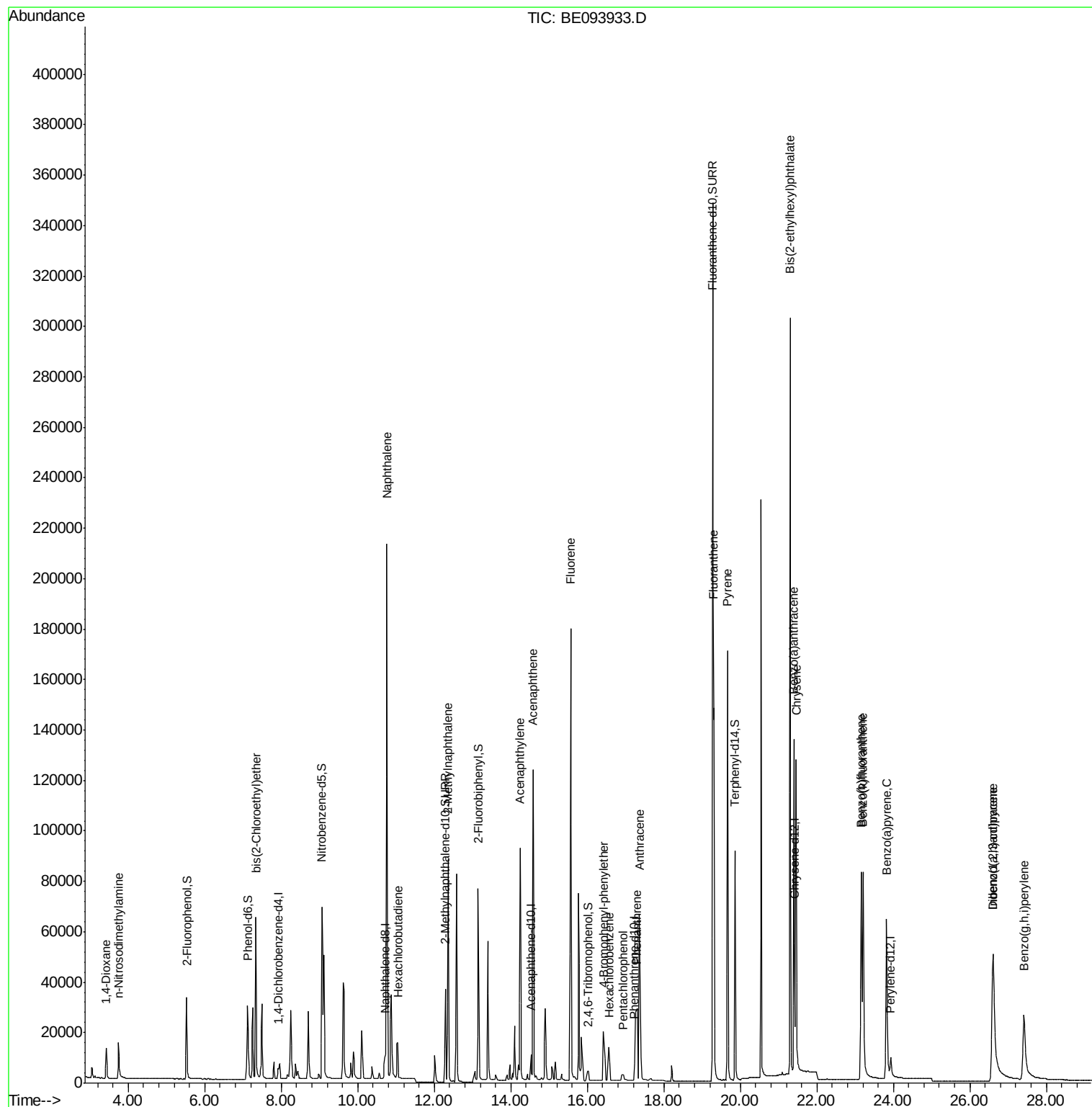
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093933.D
Acq On : 5 Sep 2017 12:34
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

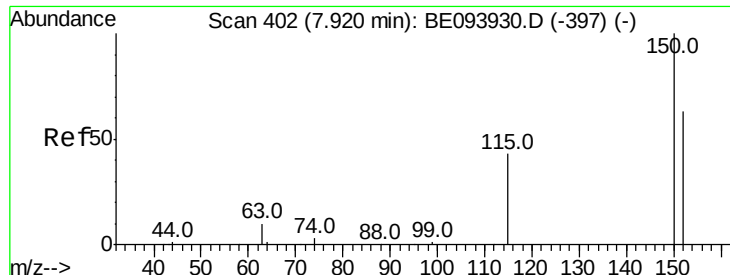
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM

Quant Time: Sep 05 13:26:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

Tot Ion:152 Resp: 1879

Ion Ratio Lower Upper

152 100

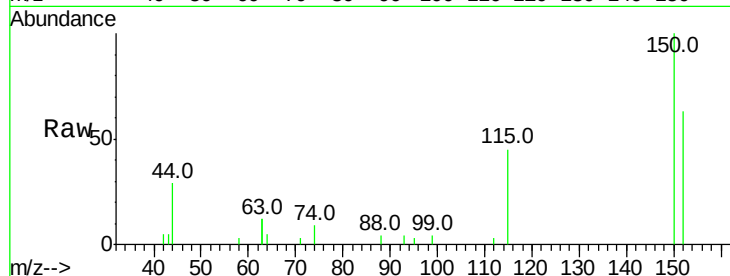
150 158.5 121.8 182.6

115 70.8 52.6 79.0

Manual Integrations
APPROVED

Sohil

9/7/2017 6:30:50 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

2500

2000

1500

1000

500

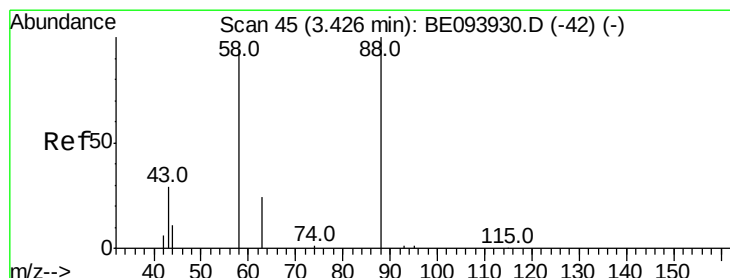
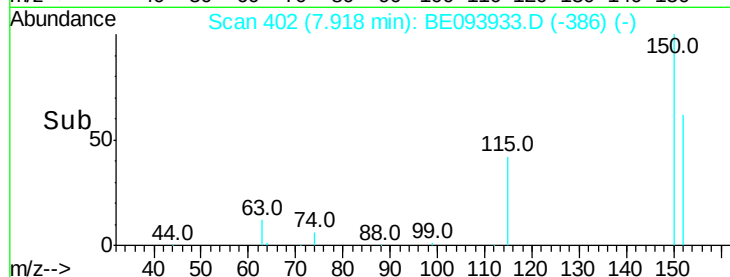
0

7.80

7.90

8.00

Time-->



#2

1,4-Dioxane

Concen: 2.872 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

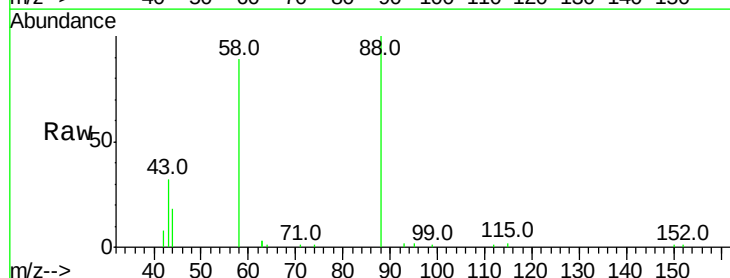
Tgt Ion: 88 Resp: 7415

Ion Ratio Lower Upper

88 100

58 89.5 65.4 98.0

43 30.9 23.9 35.9



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

6000

4000

2000

0

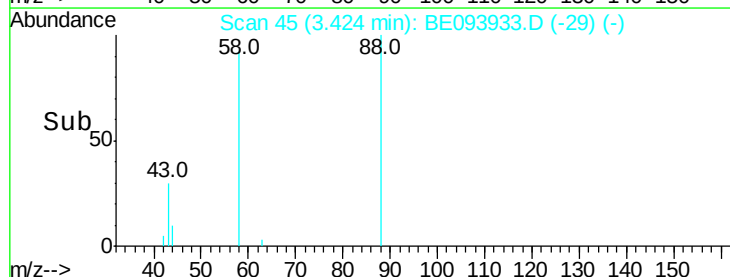
3.30

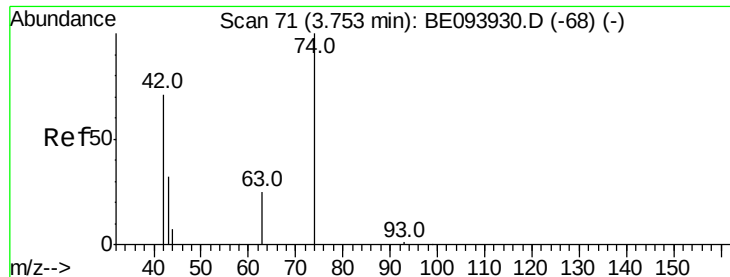
3.40

3.50

3.60

Time-->





#3

n-Nitrosodimethylamine

Concen: 3.694 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

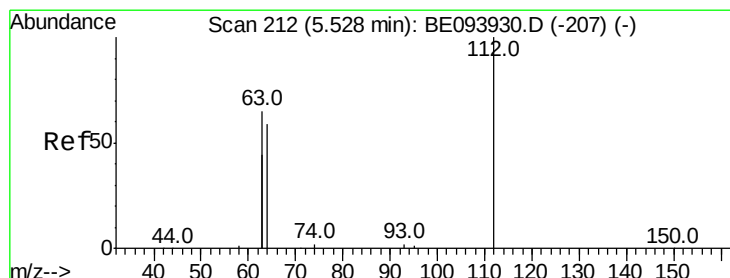
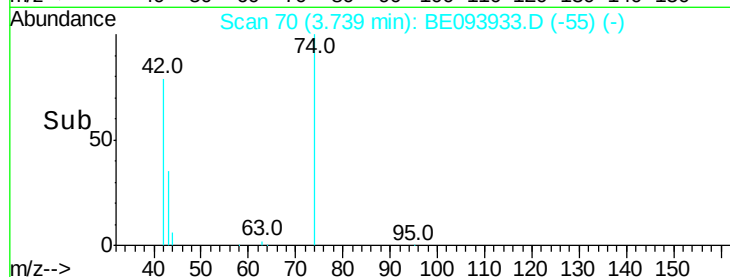
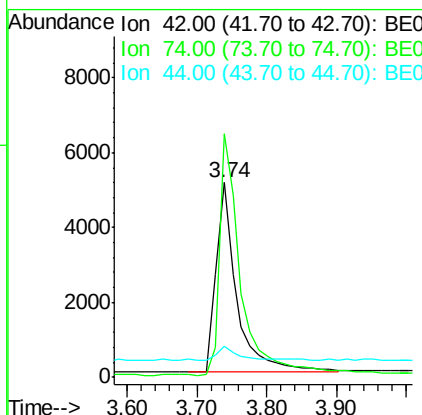
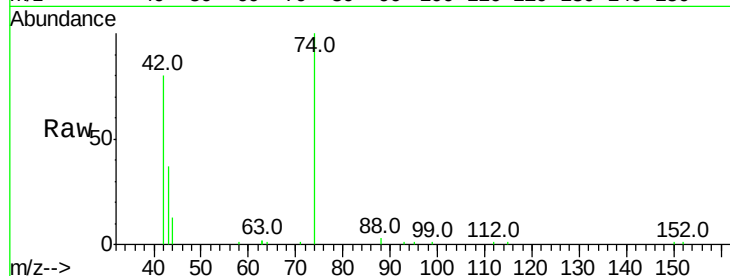
ClientSampleId :

SSTDICC3.2

Tot Ion:	42	Resp:	10617
Ion Ratio	Lower	Upper	
42	100		
74	129.3	104.0	156.0
44	6.8	13.8	20.8#

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#4

2-Fluorophenol

Concen: 3.426 ng

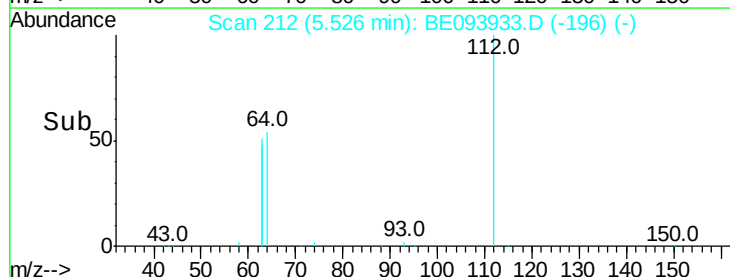
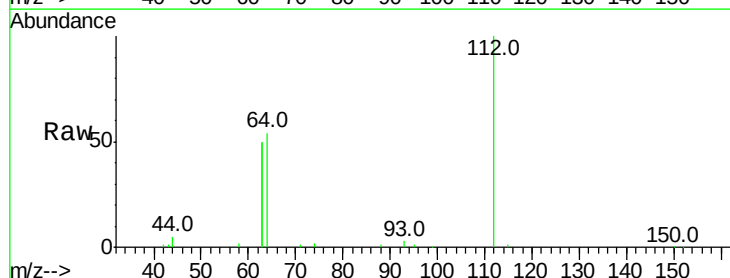
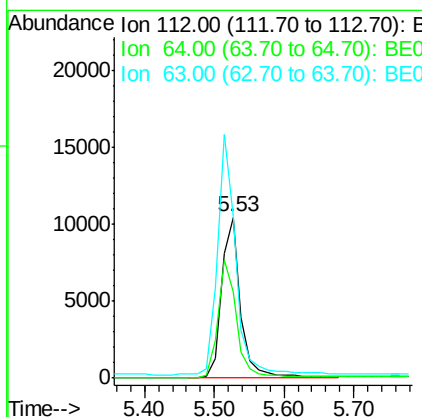
RT: 5.53 min Scan# 212

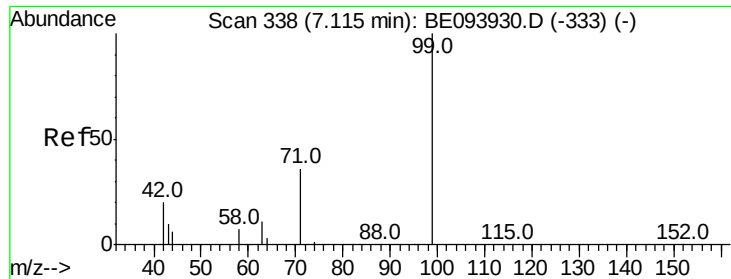
Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	112	Resp:	19817
Ion Ratio	Lower	Upper	
112	100		
64	71.5	57.7	86.5
63	143.0	116.0	174.0





#5

Phenol-d6

Concen: 3.513 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

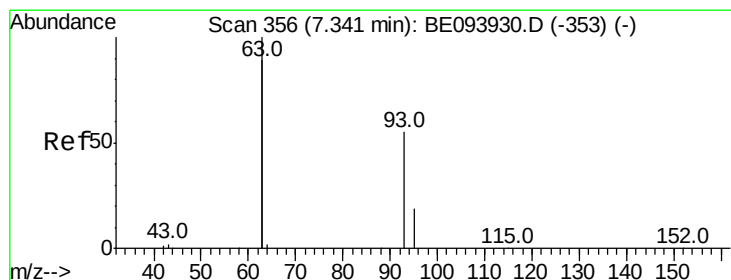
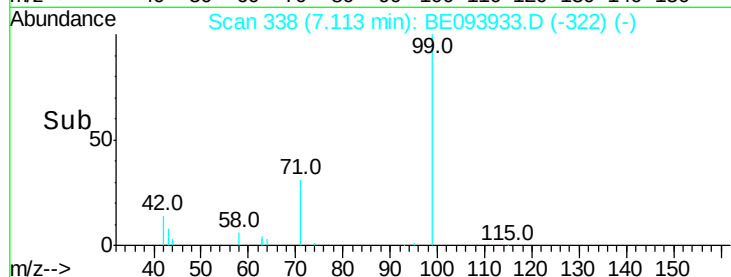
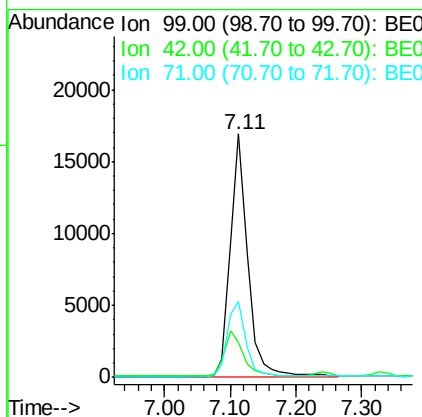
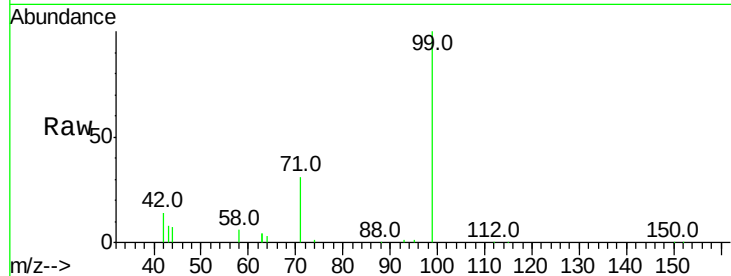
ClientSampled :

SSTDICC3.2

Tot Ion:	99	Resp:	31055
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.1	25.7
71	34.0	26.6	39.8

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#6

bis(2-Chloroethyl)ether

Concen: 3.513 ng

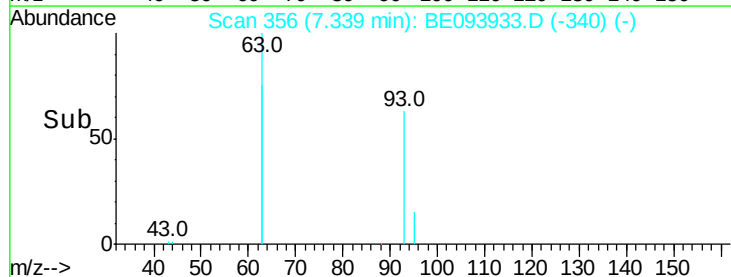
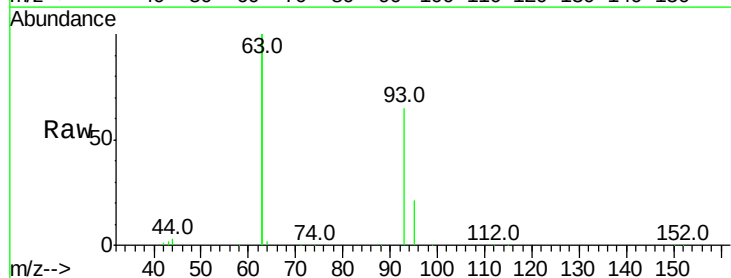
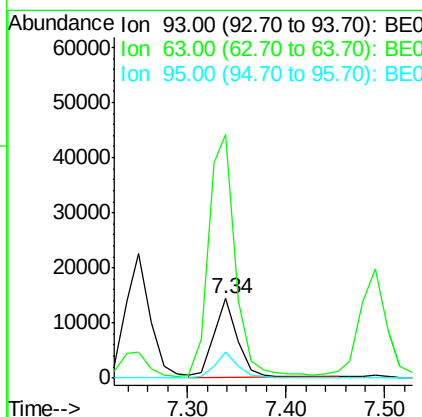
RT: 7.34 min Scan# 356

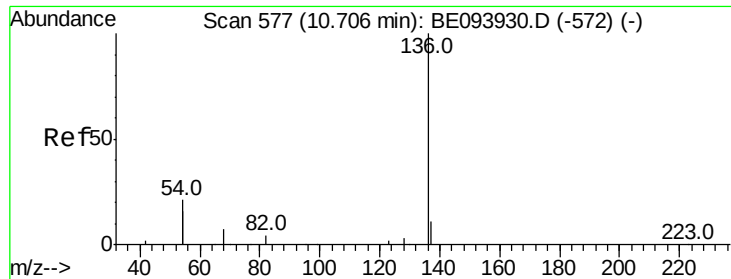
Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	93	Resp:	23931
Ion	Ratio	Lower	Upper
93	100		
63	341.9	283.4	425.2
95	31.5	26.9	40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

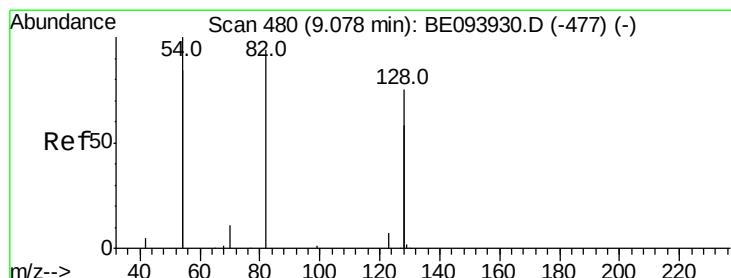
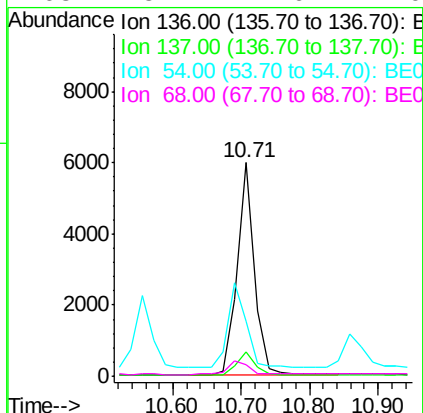
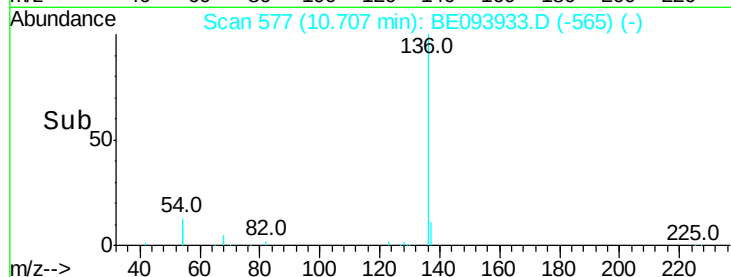
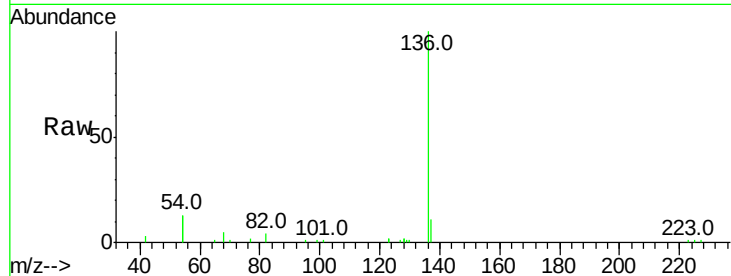
ClientSampleId :

SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	26.0	21.9	32.9
68	5.4	4.6	7.0

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#8

Nitrobenzene-d5

Concen: 3.388 ng

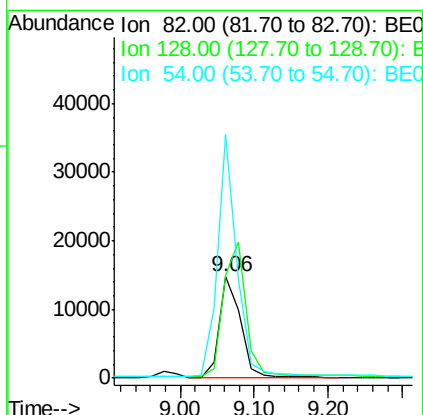
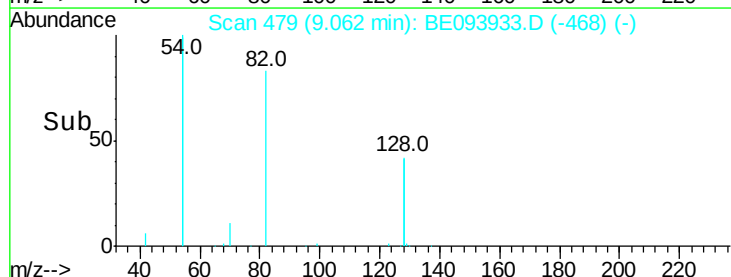
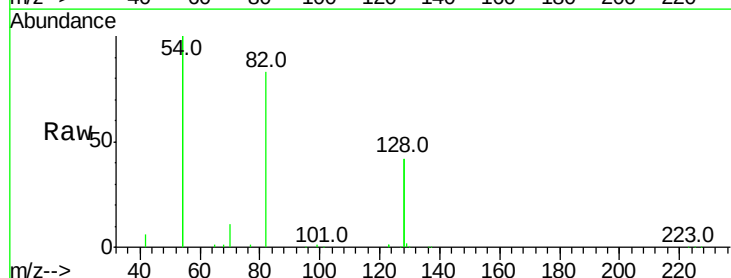
RT: 9.06 min Scan# 479

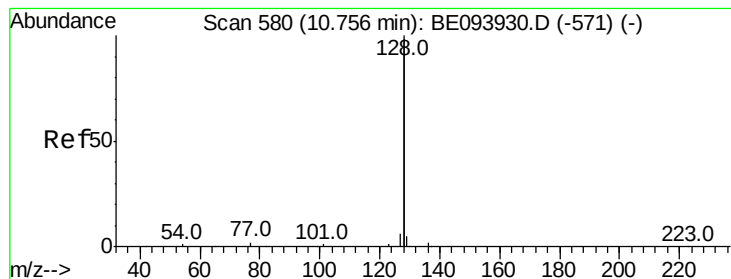
Delta R.T. -0.02 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
82	100		
128	101.1	91.4	137.0
54	240.2	197.8	296.8





#9

Naphthalene

Concen: 3.133 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

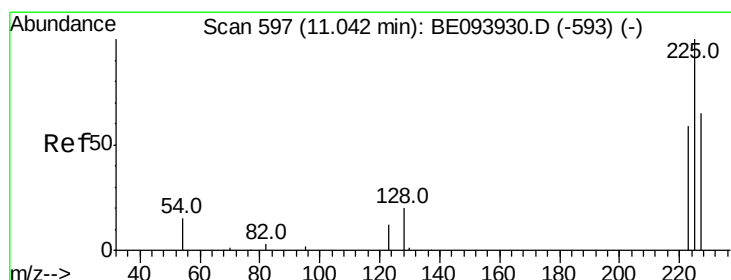
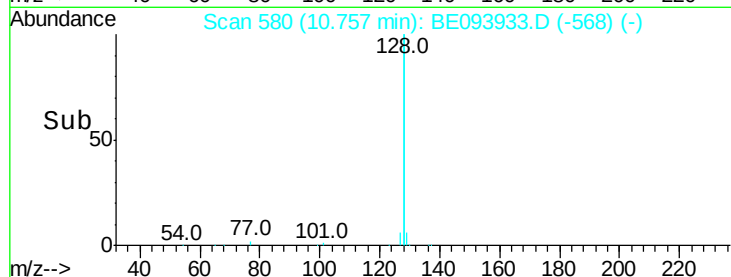
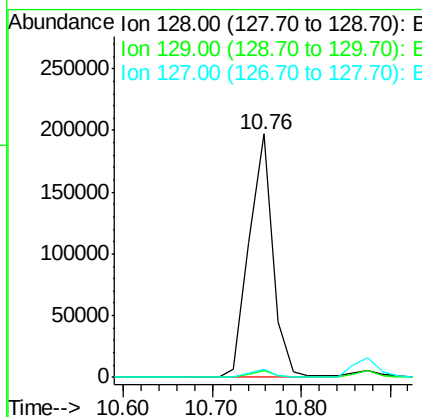
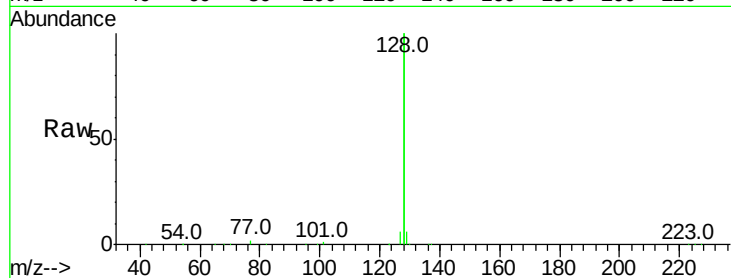
ClientSampled :

SSTDICC3.2

Tot Ion:	128	Resp:	368081
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.5	3.7
127	3.1	2.6	4.0

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#10

Hexachlorobutadiene

Concen: 3.184 ng

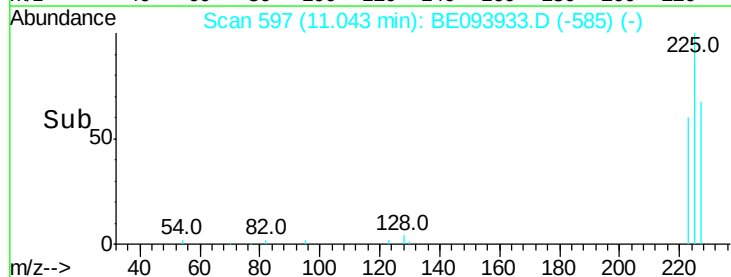
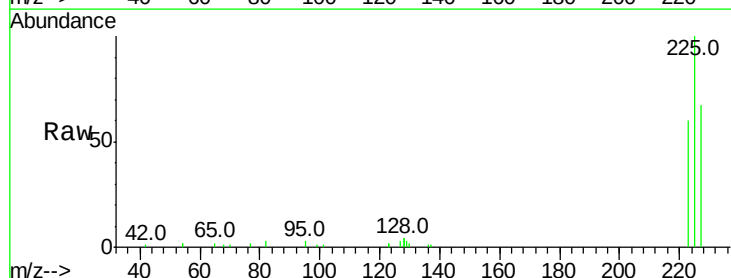
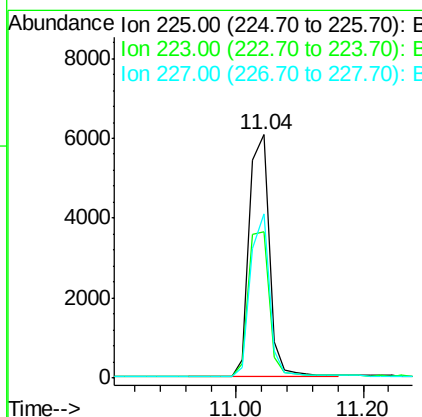
RT: 11.04 min Scan# 597

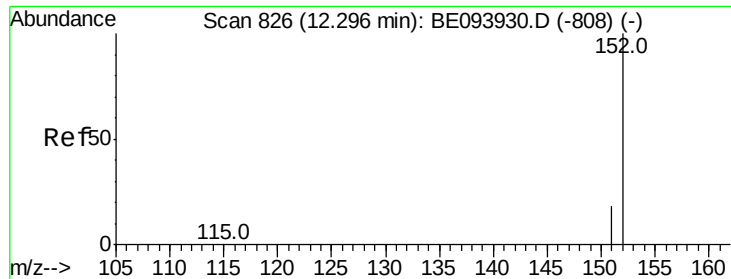
Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	225	Resp:	13207
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.4	74.0
227	64.2	50.5	75.7





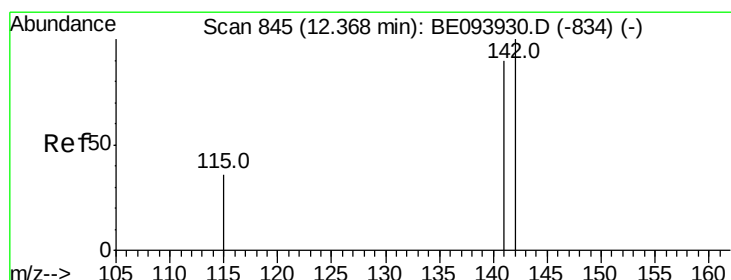
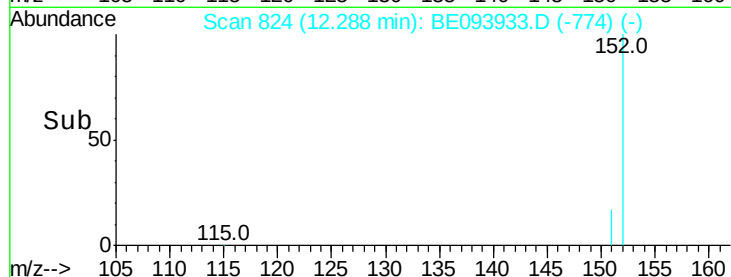
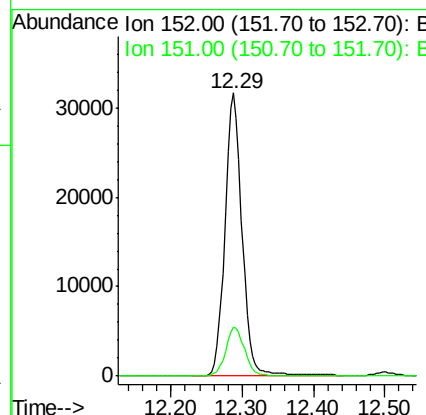
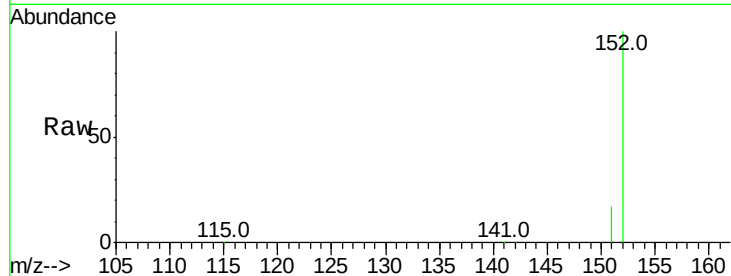
#11
2-Methylnaphthalene-d10
Concen: 3.228 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 52672
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0

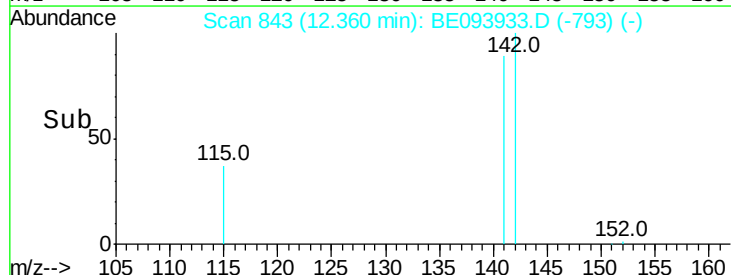
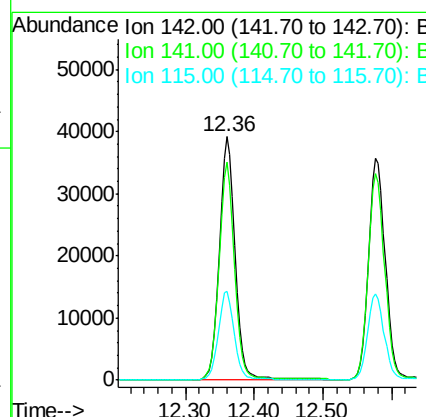
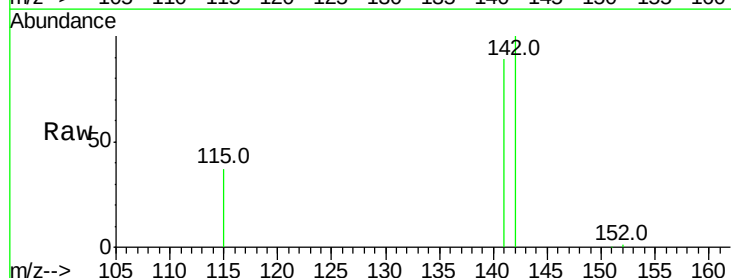
Manual Integrations
APPROVED

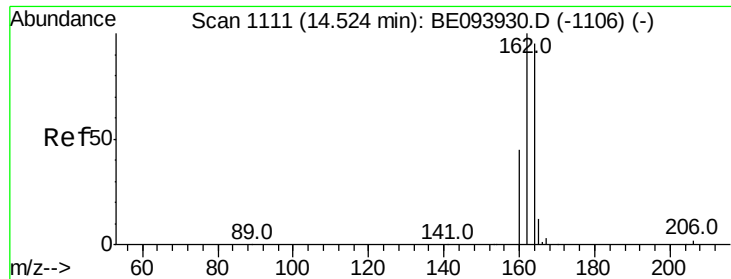
Sohil
9/7/2017 6:30:50 PM



#12
2-Methylnaphthalene
Concen: 3.218 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion:142 Resp: 63189
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 36.6 29.4 44.0





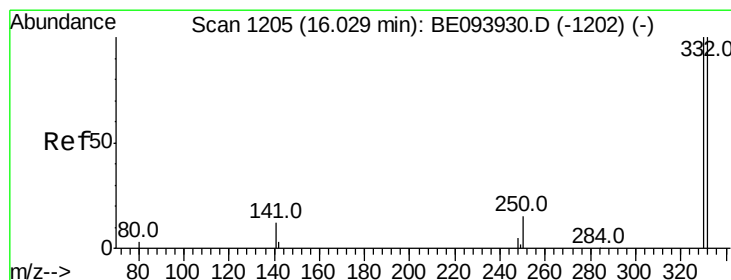
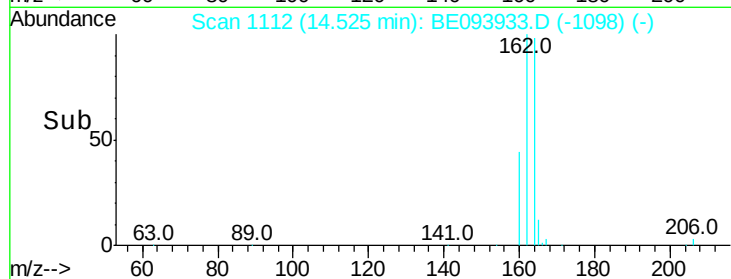
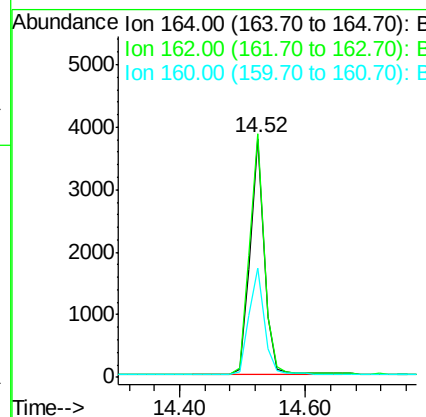
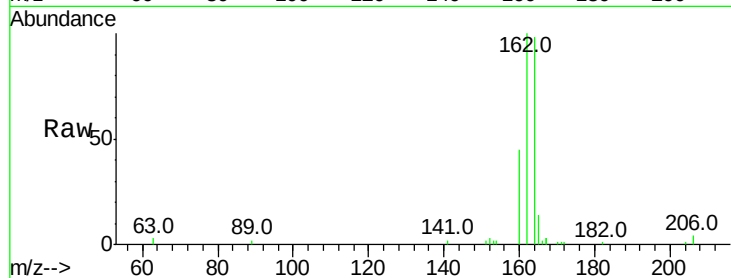
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	46.1	37.0	55.4

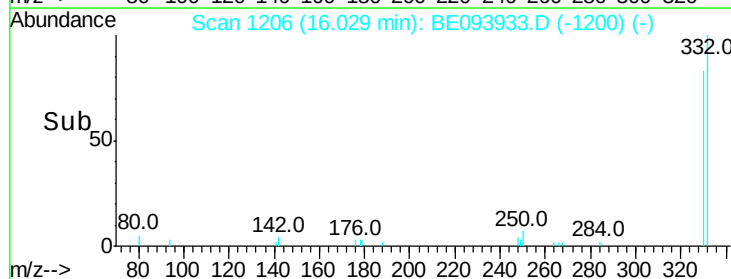
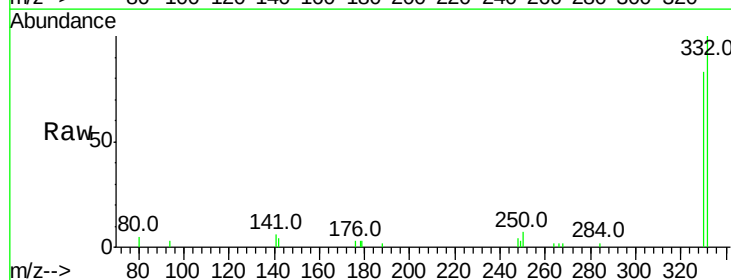
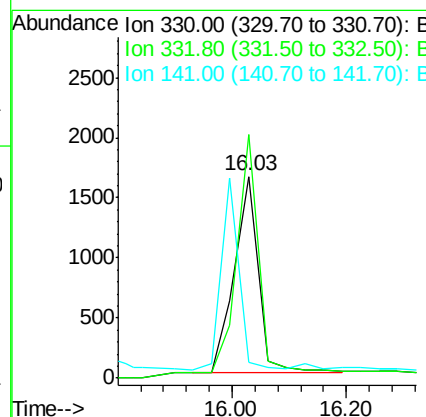
Manual Integrations
 APPROVED

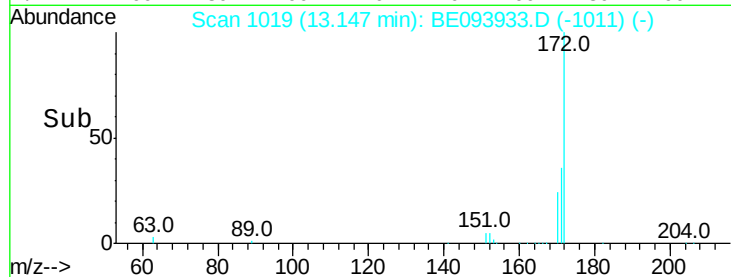
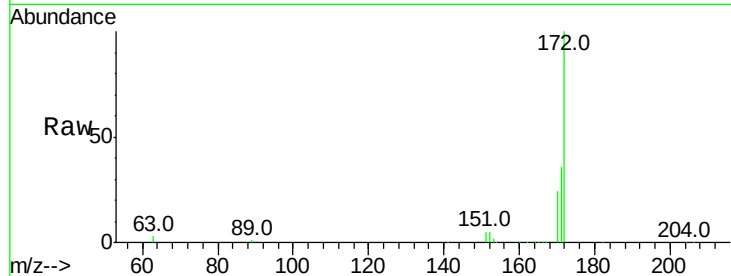
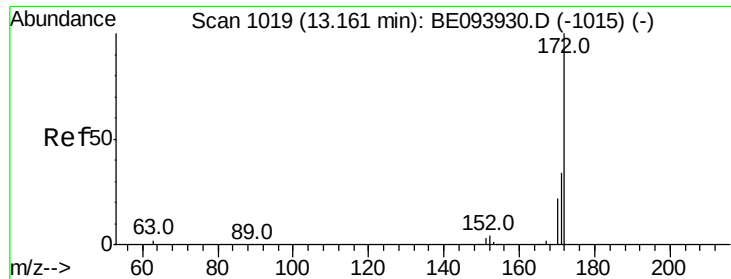
Sohil
 9/7/2017 6:30:50 PM



#14
 2,4,6-Tribromophenol
 Concen: 3.003 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	106.2	76.9	115.3
141	0.0	0.0	0.0





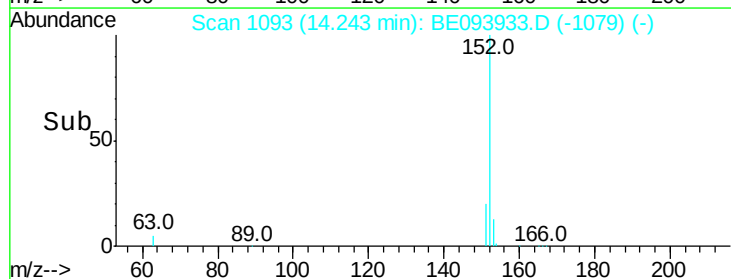
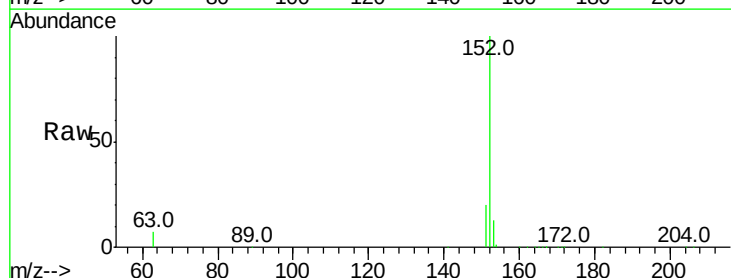
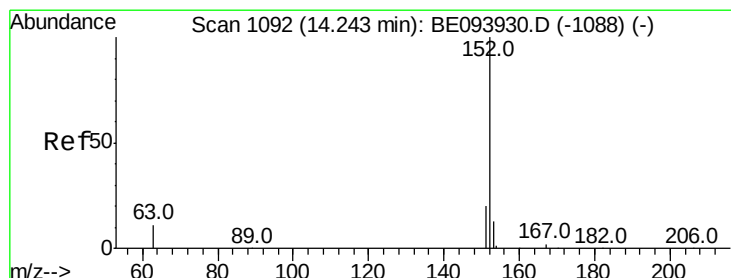
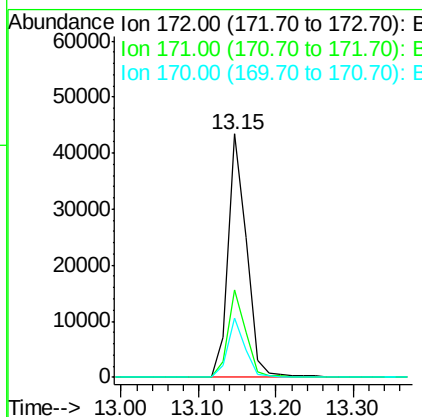
#15
2-Fluorobiphenyl
Concen: 3.047 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Instrument :
BNA_E
ClientSampled :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.9	40.3
170	24.4	17.3	25.9

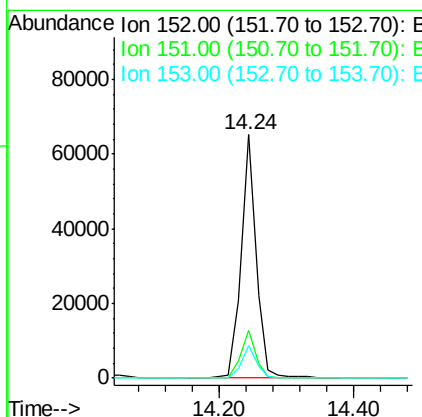
Manual Integrations
APPROVED

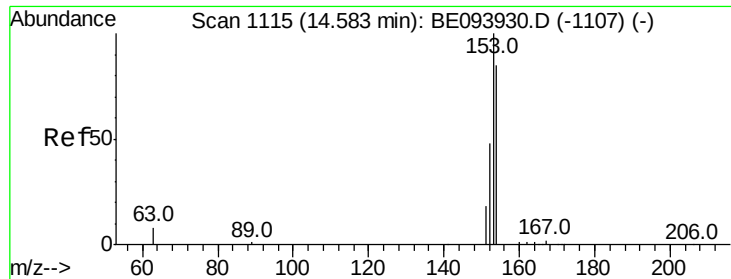
Sohil
9/7/2017 6:30:50 PM



#16
Acenaphthylene
Concen: 3.459 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	16.0





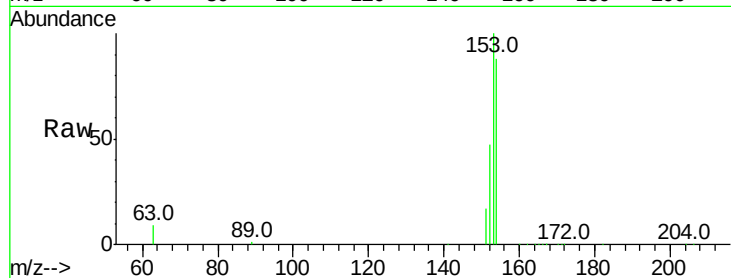
#17
Acenaphthene
Concen: 3.143 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

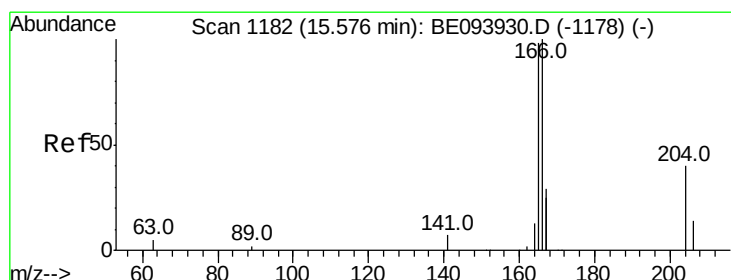
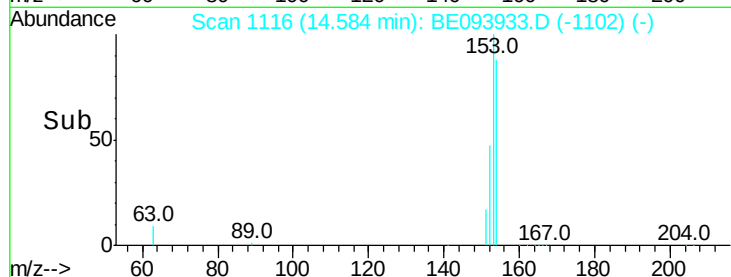
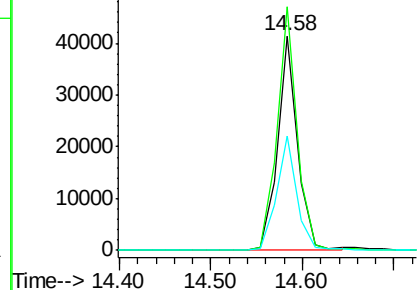
Tot Ion:154 Resp: 61990
Ion Ratio Lower Upper
154 100
153 114.6 91.8 137.6
152 54.1 44.9 67.3

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



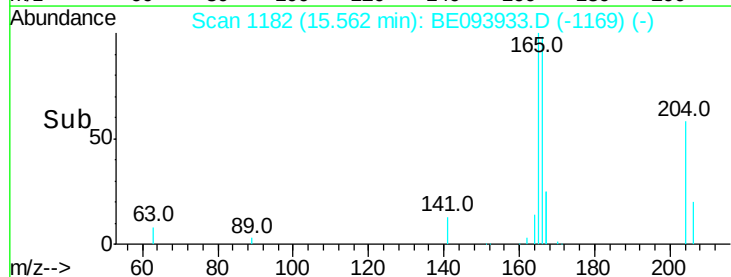
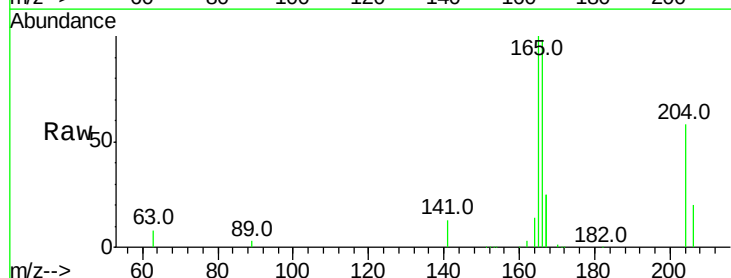
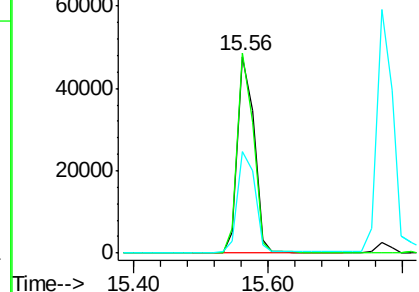
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

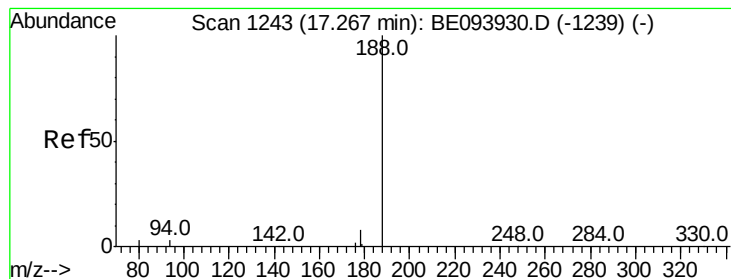


#18
Fluorene
Concen: 3.203 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion:166 Resp: 81729
Ion Ratio Lower Upper
166 100
165 98.1 79.4 119.0
167 54.1 43.5 65.3

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. -0.03 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

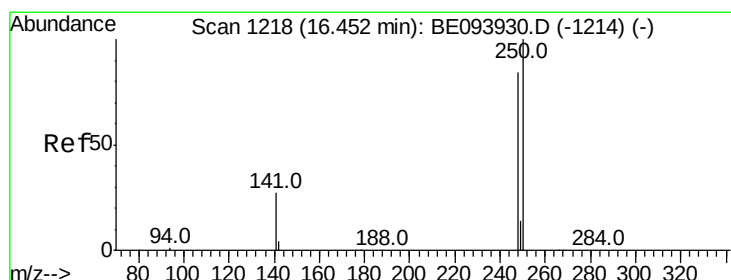
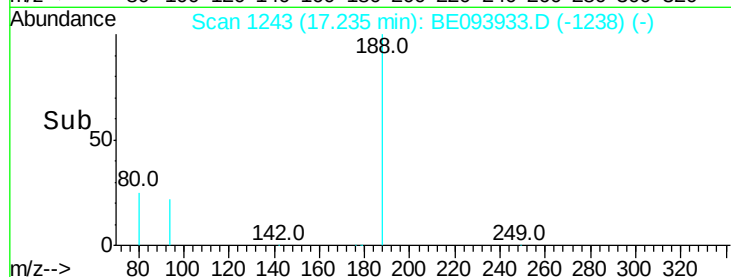
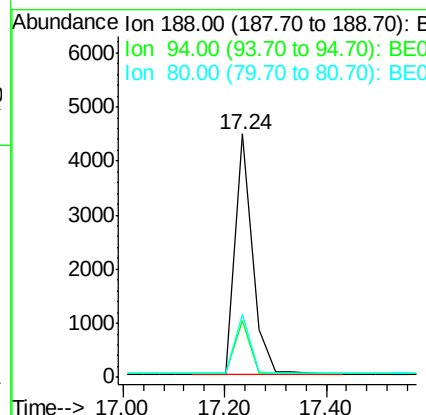
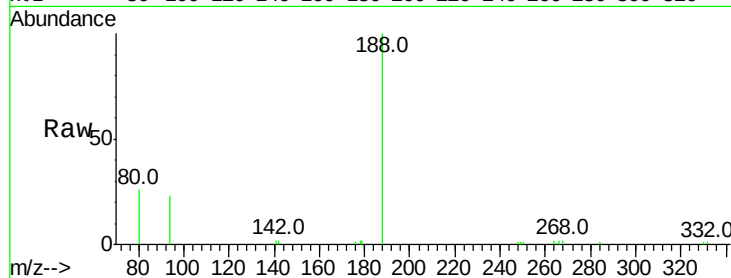
ClientSampleId :

SSTDICC3.2

Tot Ion:	188	Resp:	10637
Ion Ratio	Lower	Upper	
188	100		
94	23.1	16.1	24.1
80	26.0	18.2	27.2

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#20

4-Bromophenyl-phenylether

Concen: 2.768 ng

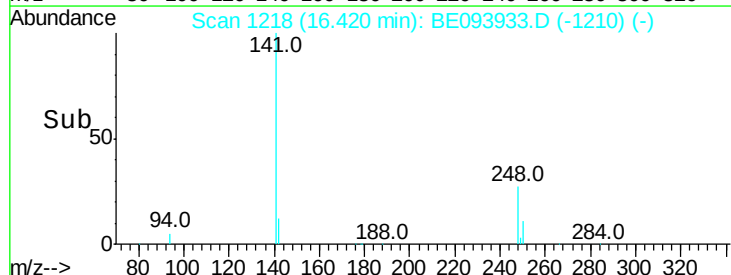
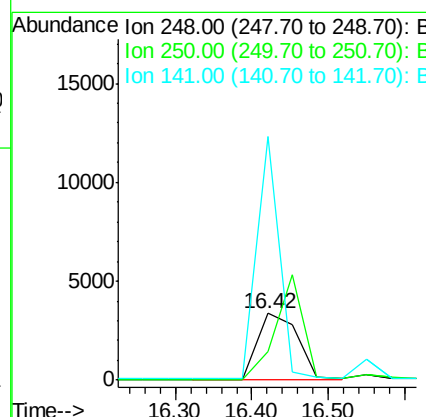
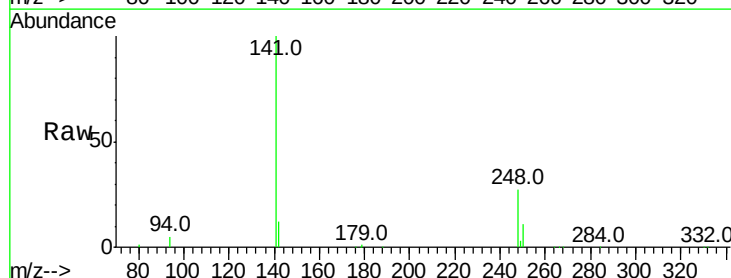
RT: 16.42 min Scan# 1218

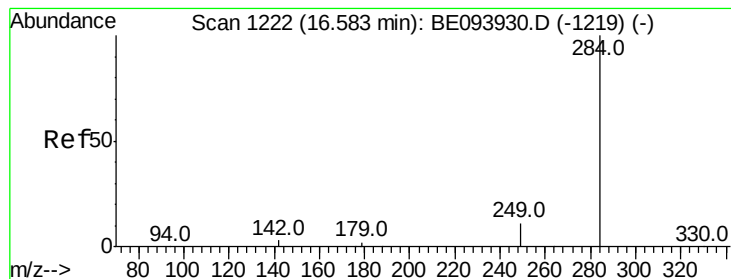
Delta R.T. -0.03 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	248	Resp:	12189
Ion Ratio	Lower	Upper	
248	100		
250	41.9	111.8	167.8#
141	364.7	27.1	40.7#





#21

Hexachlorobenzene

Concen: 4.148 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

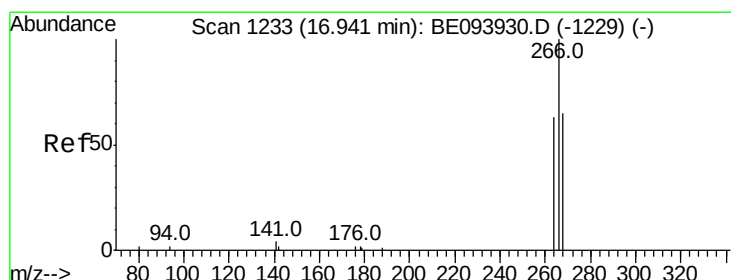
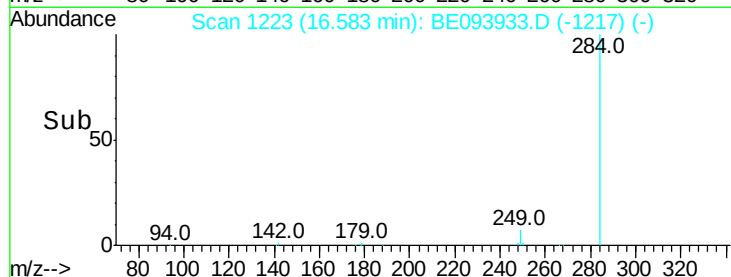
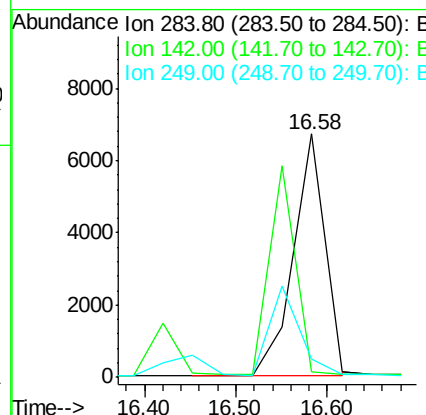
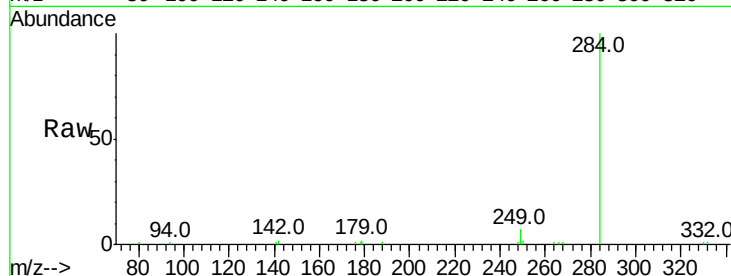
ClientSampled :

SSTDICC3.2

Tot Ion:	284	Resp:	15916
Ion Ratio		Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#22

Pentachlorophenol

Concen: 2.882 ng

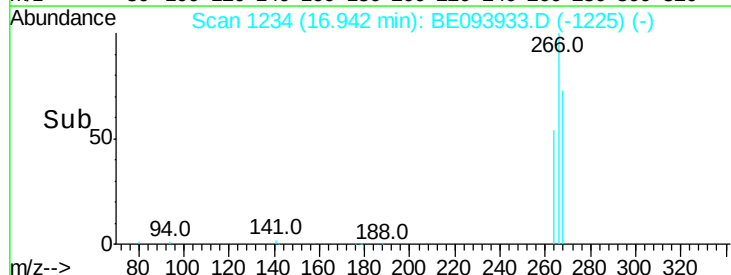
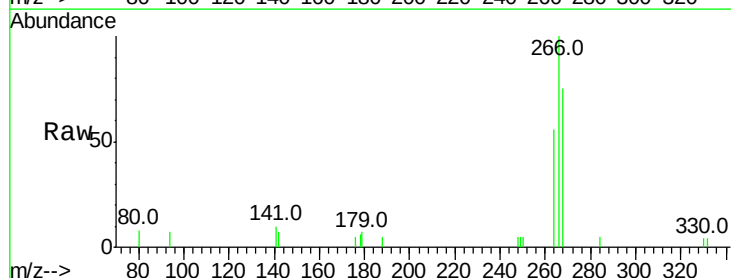
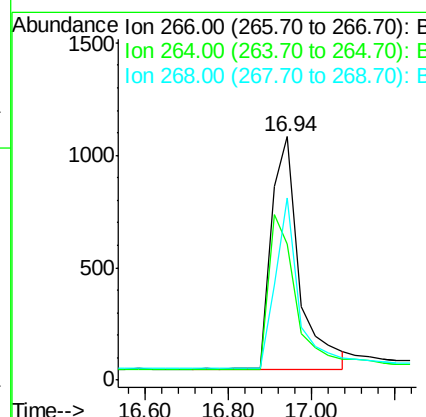
RT: 16.94 min Scan# 1234

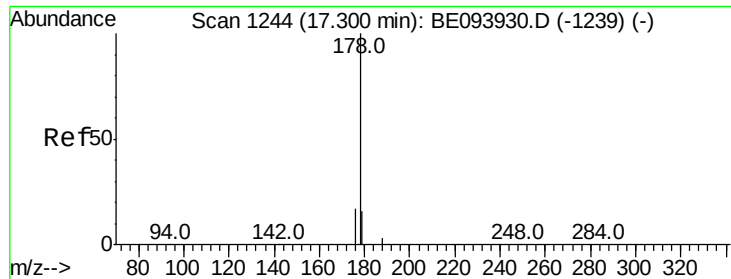
Delta R.T. 0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	266	Resp:	4805
Ion Ratio		Lower	Upper
266	100		
264	55.7	53.5	80.3
268	74.9	60.0	90.0





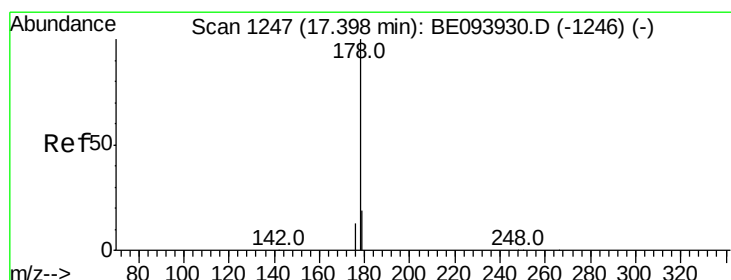
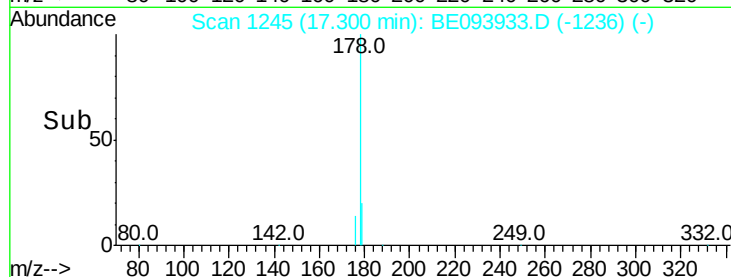
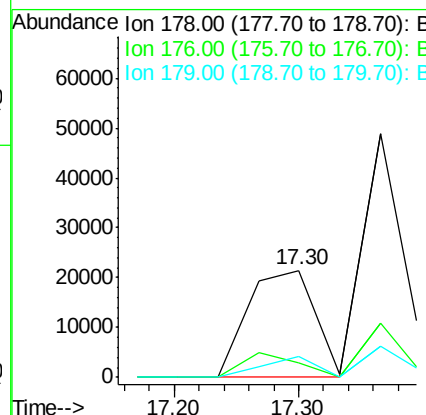
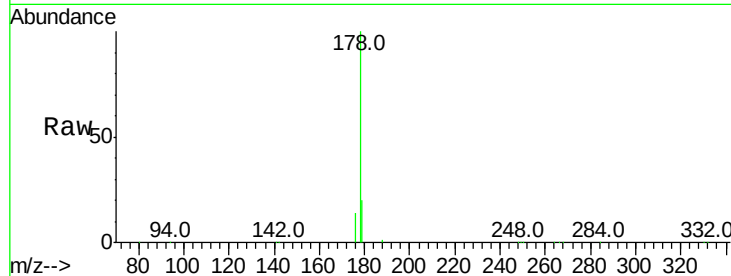
#23
Phenanthrene
Concen: 2.991 ng/ml
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Instrument :
BNA_E
ClientSampled :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
178	100		
176	48.5	0.0	0.0#
179	18.6	12.6	18.8

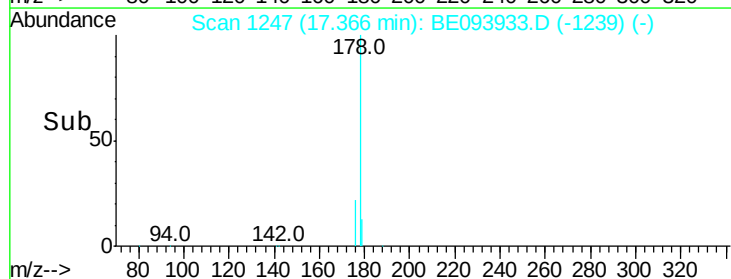
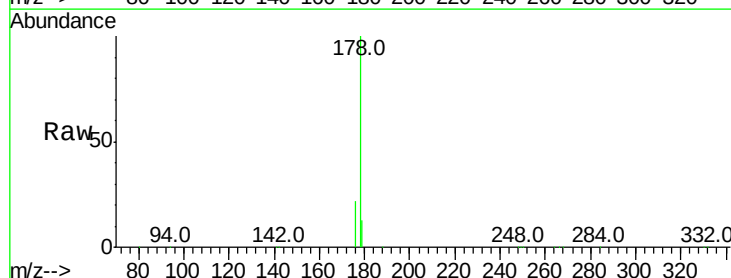
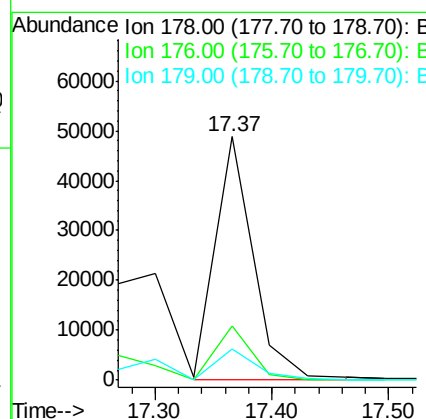
Manual Integrations
APPROVED

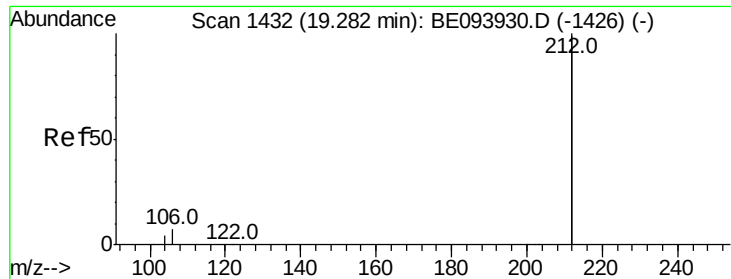
Sohil
9/7/2017 6:30:50 PM



#24
Anthracene
Concen: 3.471 ng/ml
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	35.1	16.0	24.0#
179	13.5	0.0	0.0#





#25

Fluoranthene-d10

Concen: 4.164 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

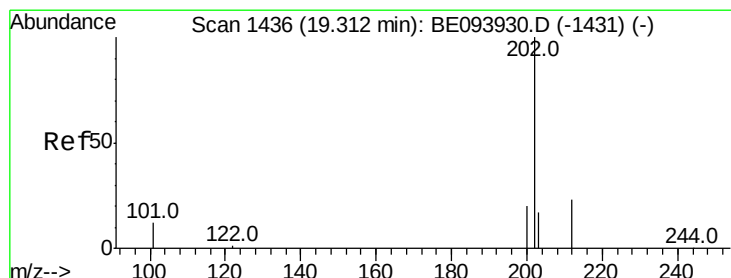
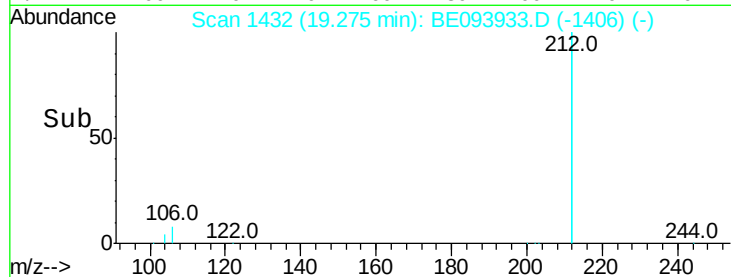
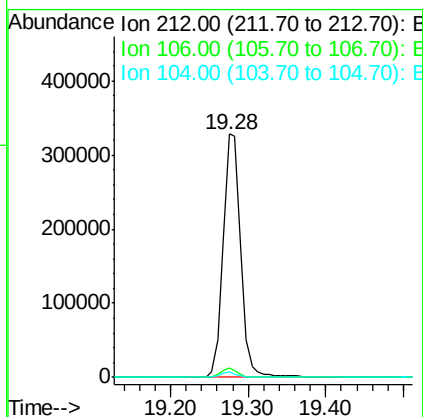
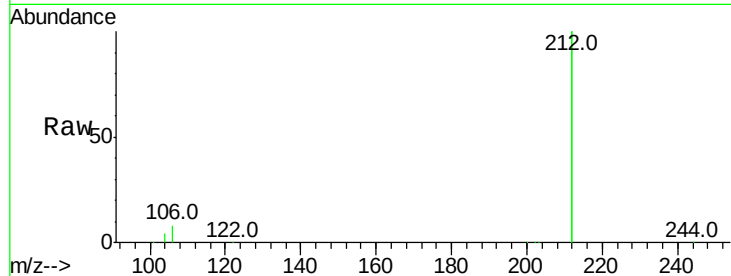
ClientSampleId :

SSTDICC3.2

Tot Ion:	212	Resp:	510722
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#26

Fluoranthene

Concen: 4.107 ng

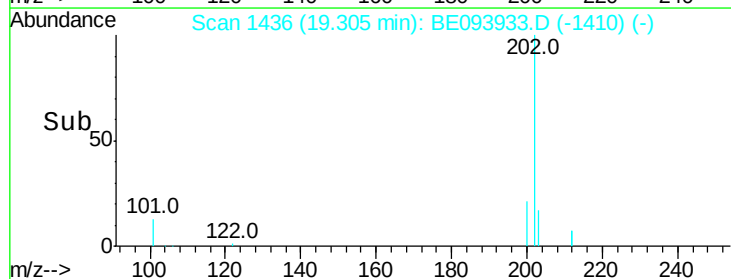
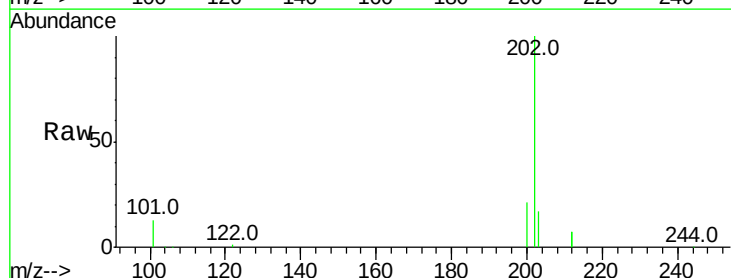
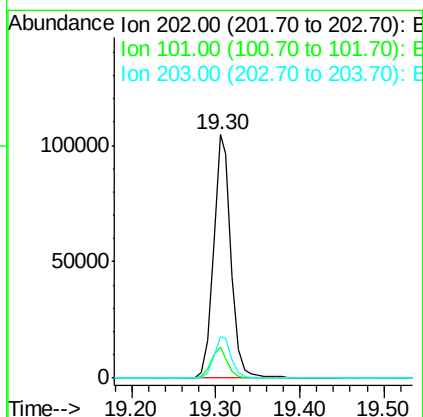
RT: 19.30 min Scan# 1436

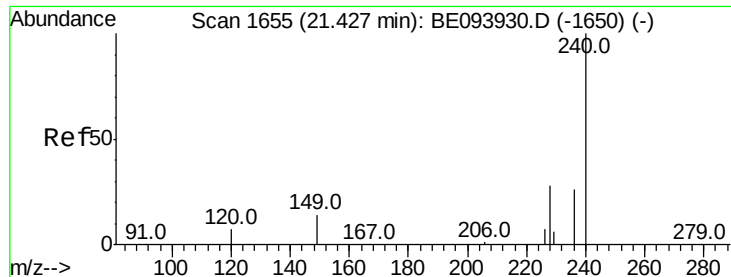
Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	202	Resp:	152141
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.7	14.5
203	17.3	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

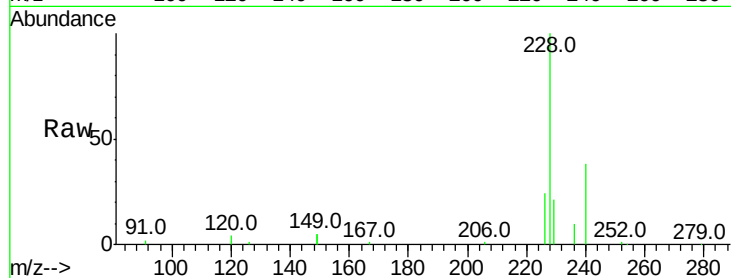
ClientSampled :

SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.7	13.1
236	27.2	21.3	31.9

Manual Integrations
APPROVED

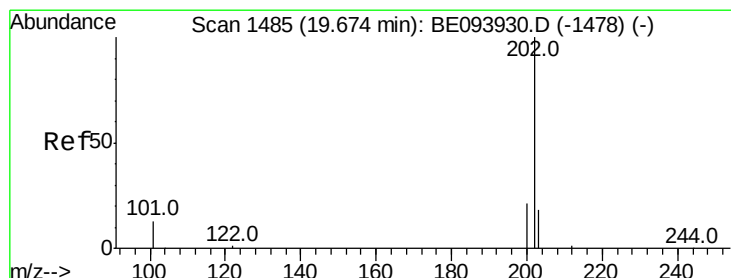
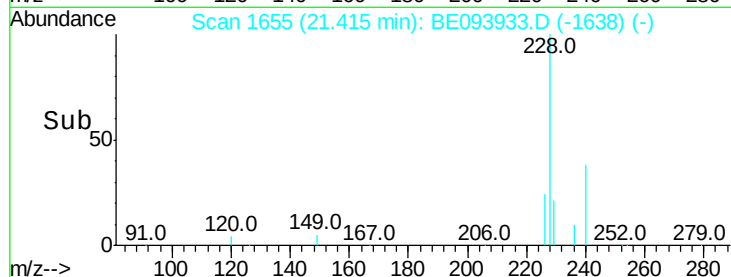
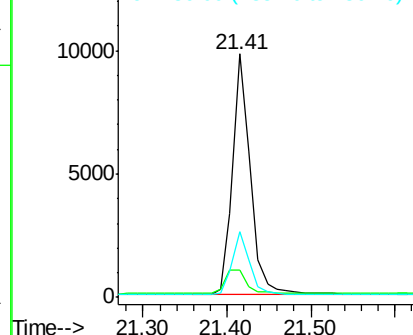
Sohil
9/7/2017 6:30:50 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.246 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093933.D

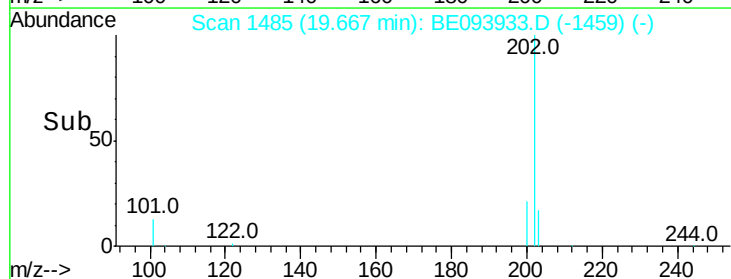
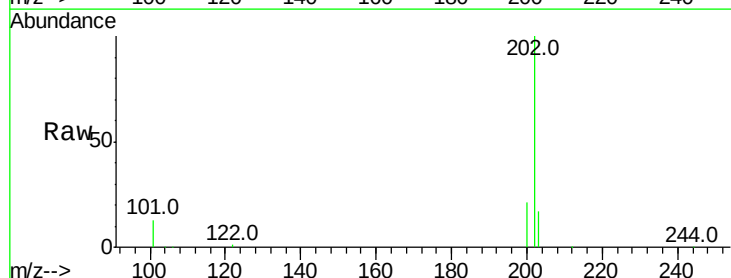
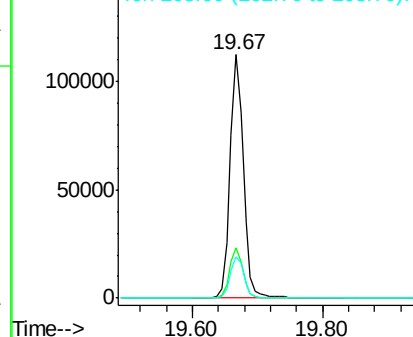
Acq: 5 Sep 2017 12:34

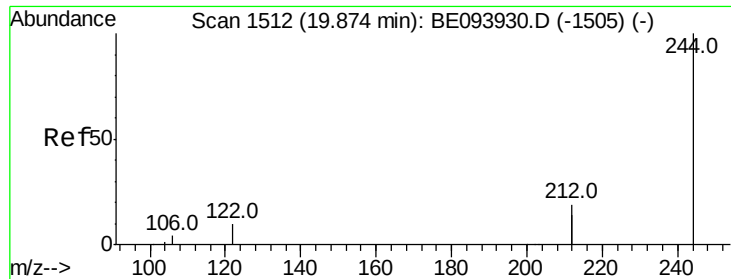
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





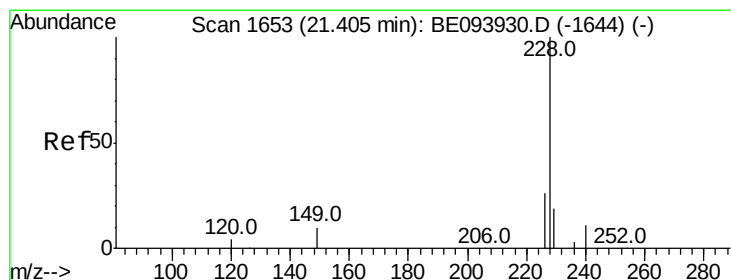
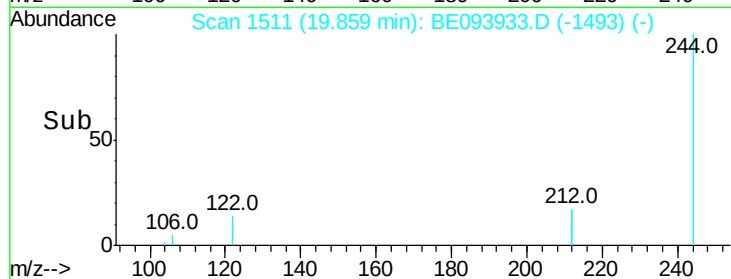
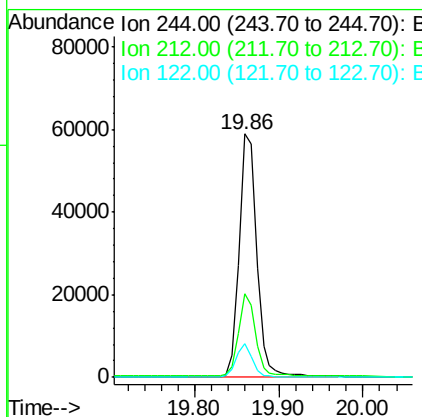
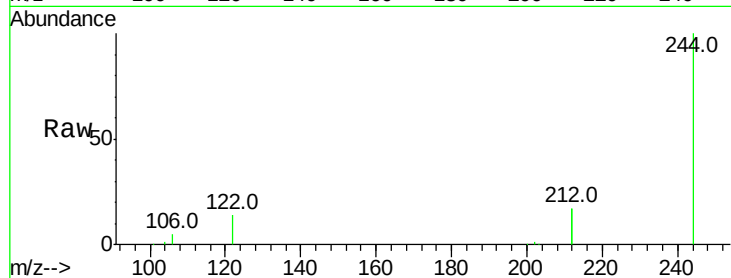
#29
 Terphenyl-d14
 Concen: 3.224 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
244	100		
212	34.5	28.3	42.5
122	13.8	9.4	14.0

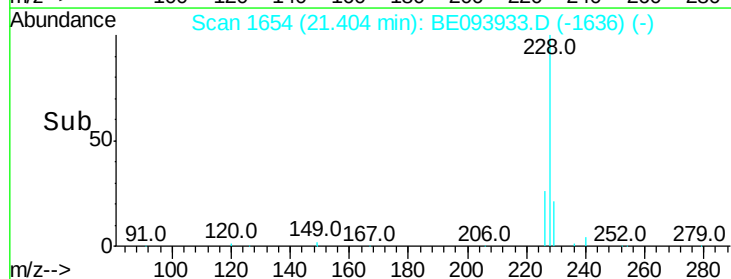
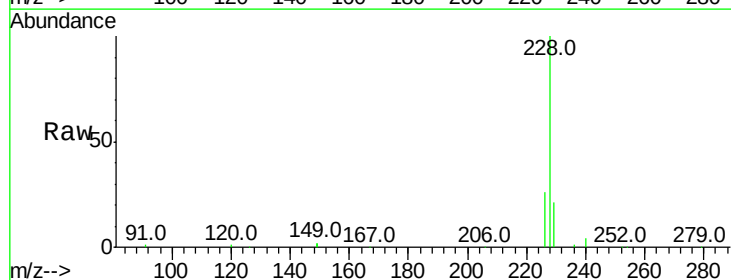
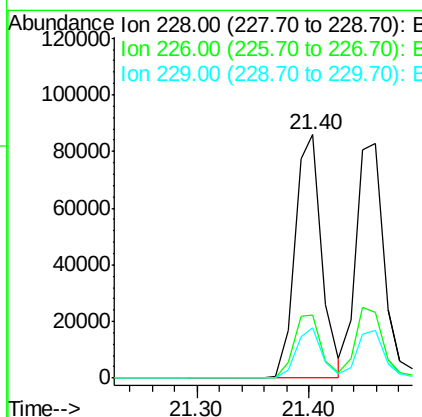
Manual Integrations
 APPROVED

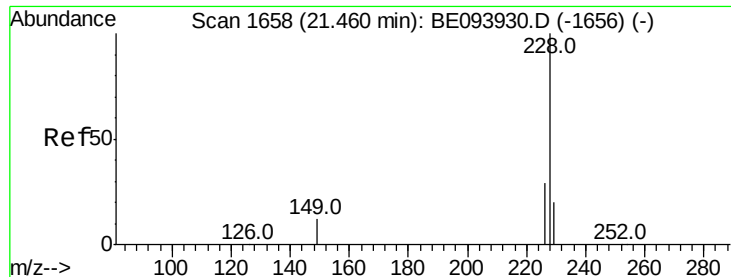
Sohil
 9/7/2017 6:30:50 PM



#30
 Benzo(a)anthracene
 Concen: 3.293 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.8	31.2
229	20.6	16.6	25.0





#31

Chrysene

Concen: 3.074 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

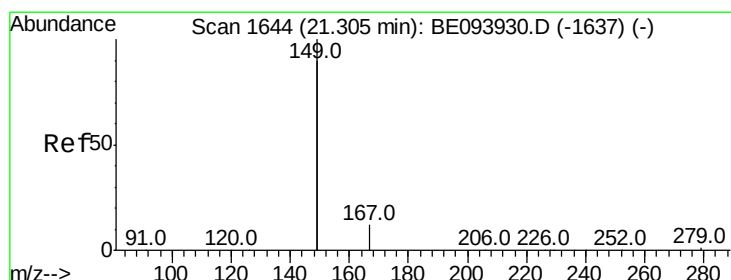
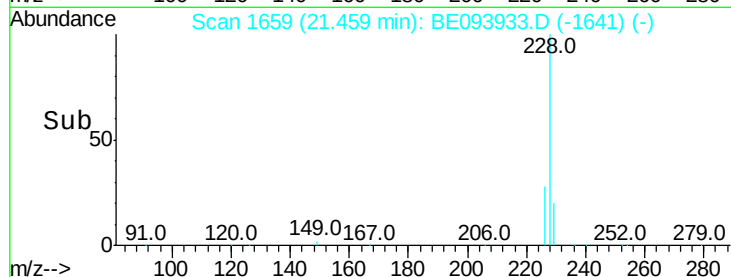
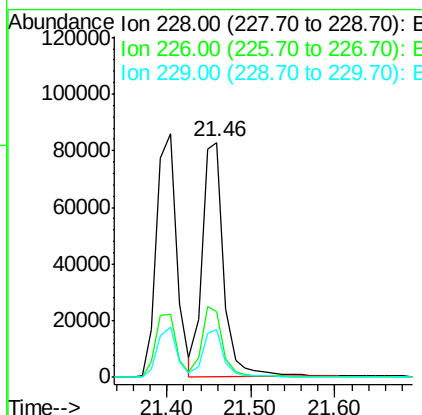
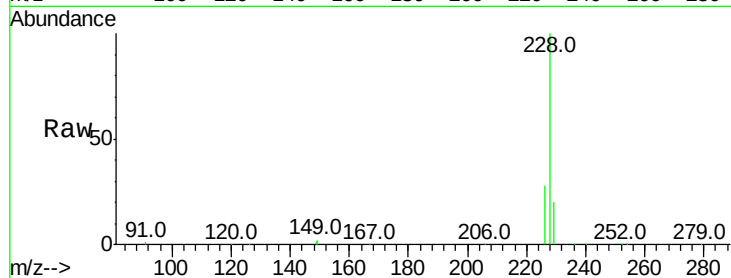
ClientSampled :

SSTDICC3.2

Tot Ion:	228	Resp:	147456
Ion Ratio	Lower	Upper	
228	100		
226	28.1	24.6	37.0
229	20.3	15.8	23.8

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.527 ng

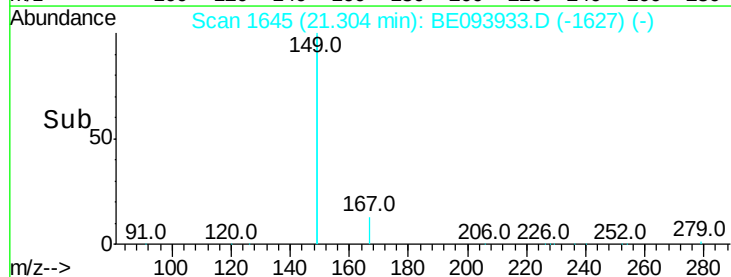
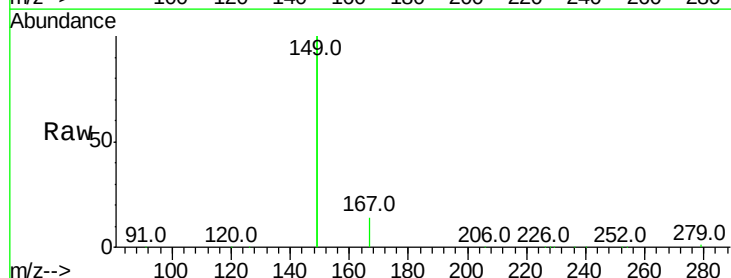
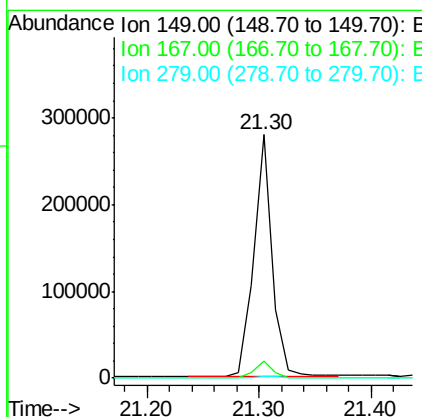
RT: 21.30 min Scan# 1645

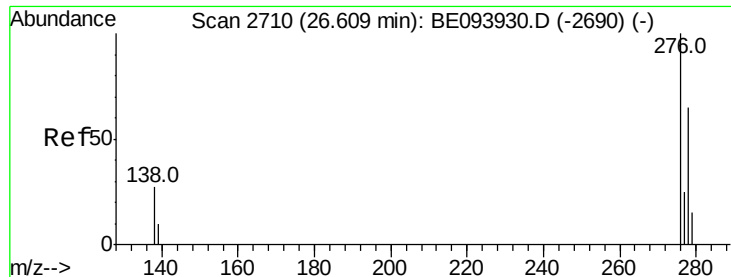
Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	149	Resp:	321060
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1





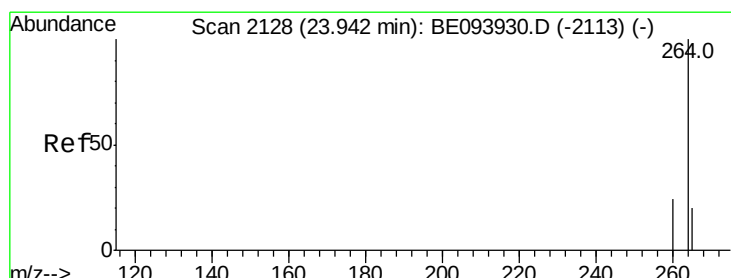
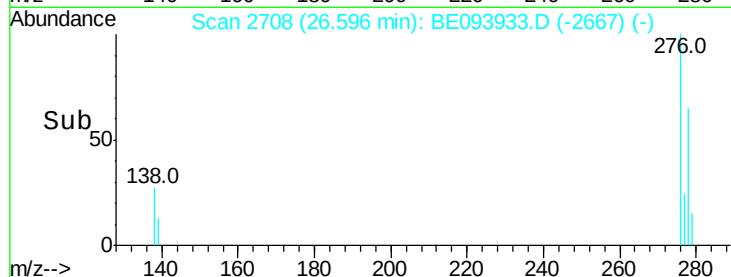
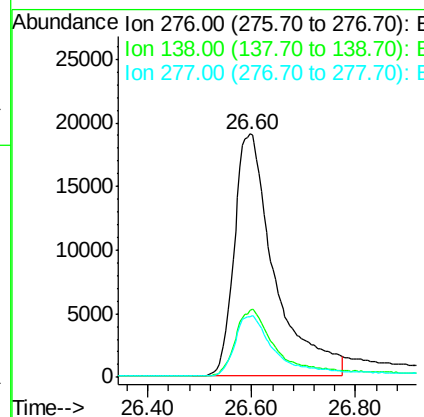
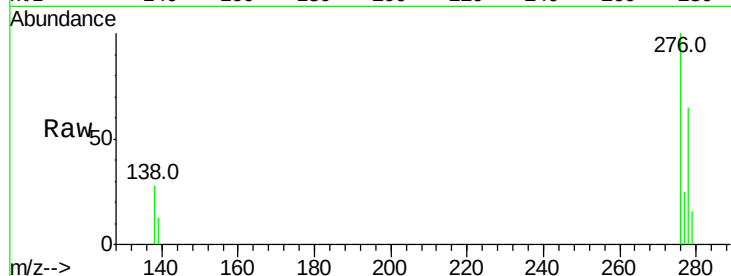
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.121 ng
 RT: 26.60 min Scan# 2708
 Delta R.T. -0.01 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.2	33.2
277	25.0	19.5	29.3

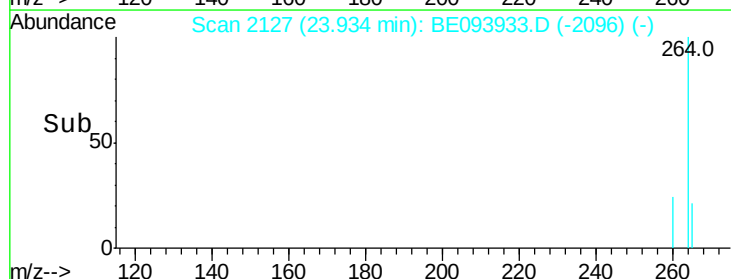
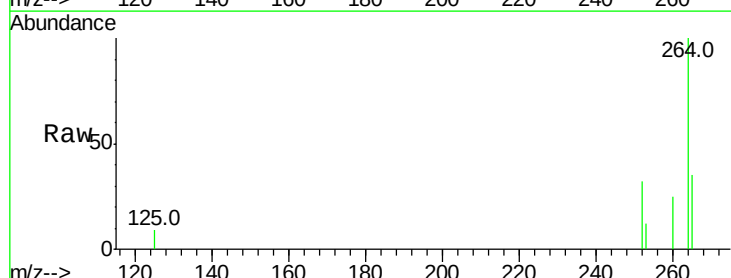
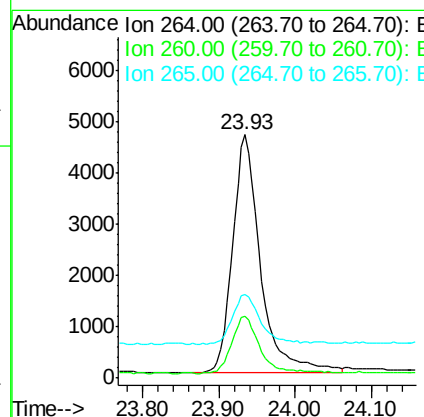
Manual Integrations
 APPROVED

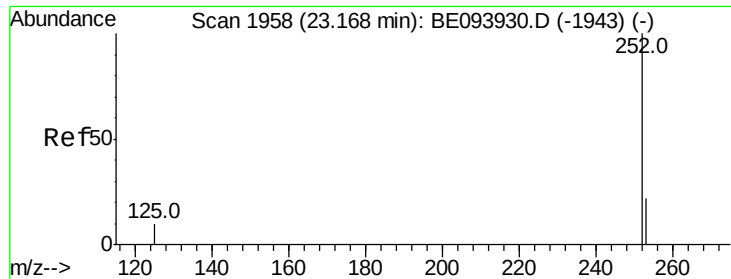
Sohil
 9/7/2017 6:30:50 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093933.D
 Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	34.5	24.0	36.0





#35

Benzo(b)fluoranthene

Concen: 3.275 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

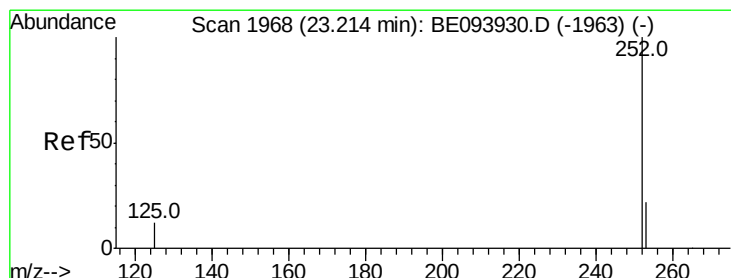
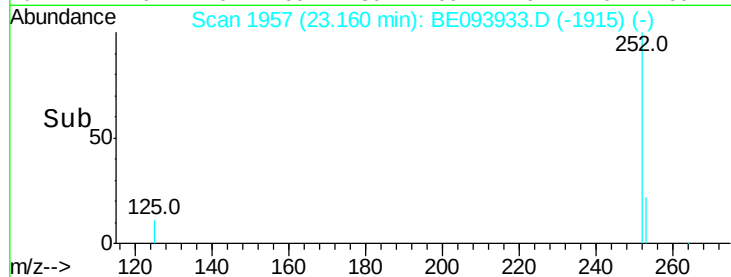
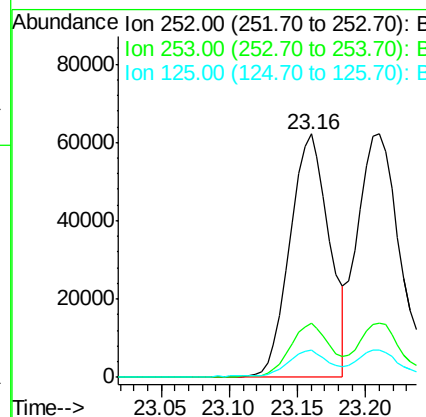
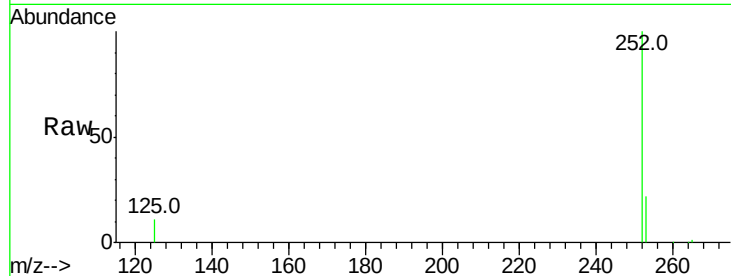
ClientSampled :

SSTDICC3.2

Tot Ion:	252	Resp:	124347
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.4	29.0
125	11.1	10.0	15.0

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM



#36

Benzo(k)fluoranthene

Concen: 3.417 ng

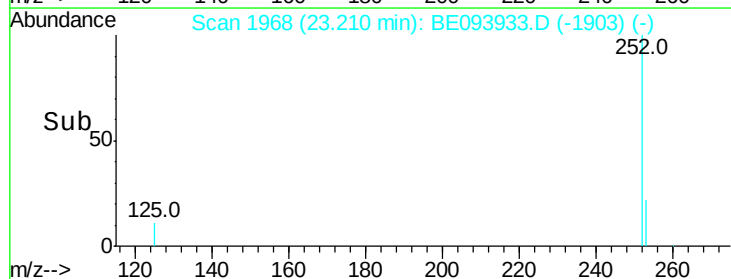
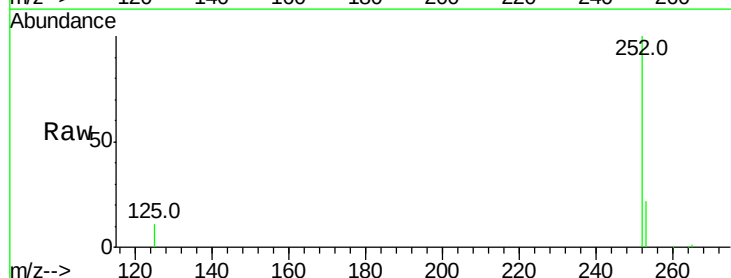
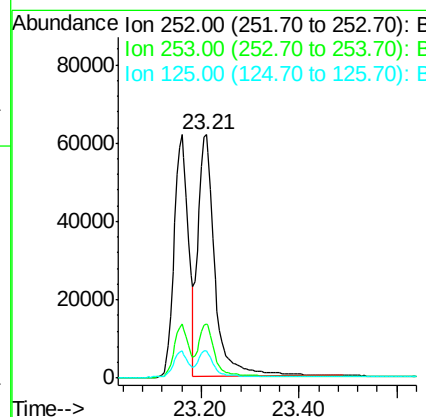
RT: 23.21 min Scan# 1968

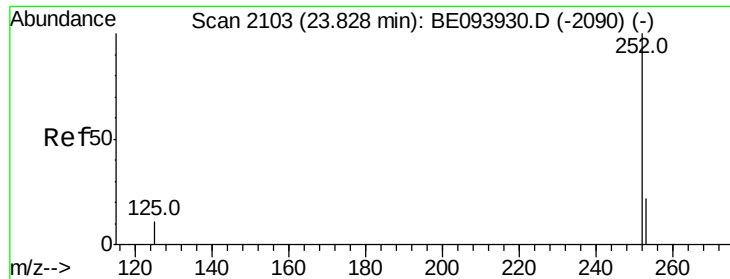
Delta R.T. -0.00 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Tgt Ion:	252	Resp:	148297
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	11.1	9.8	14.6





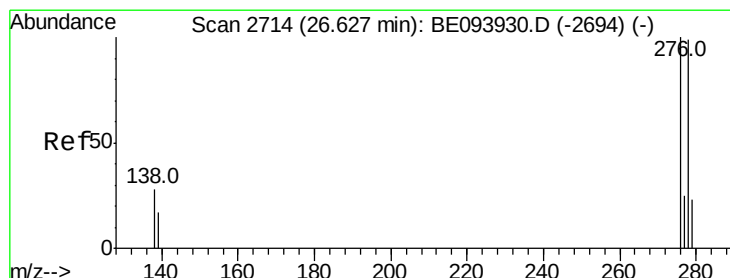
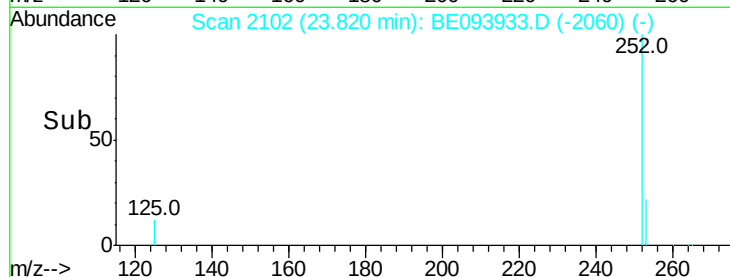
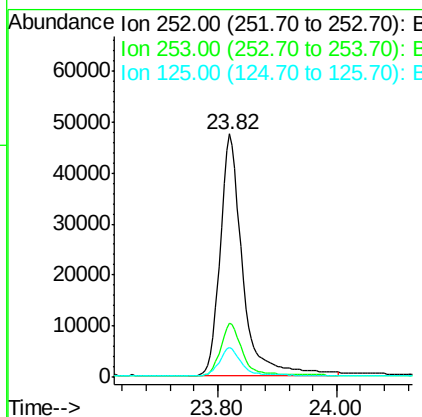
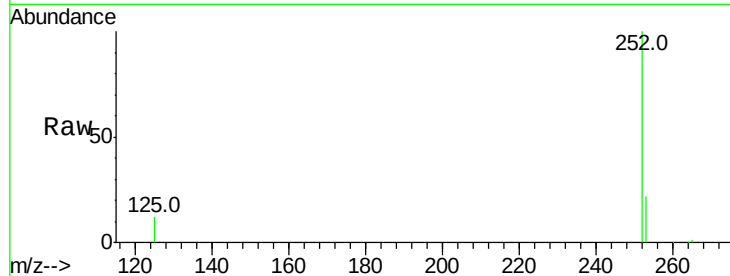
#37
Benzo(a)pyrene
Concen: 3.269 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.6	29.4
125	12.4	11.8	17.8

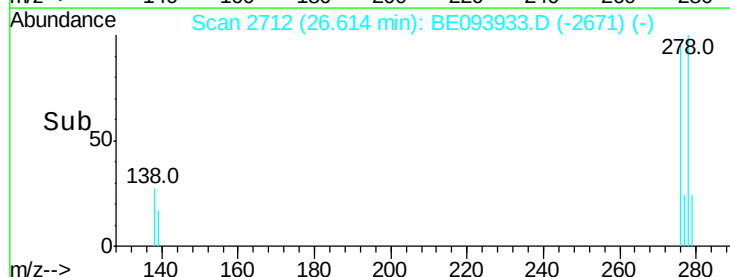
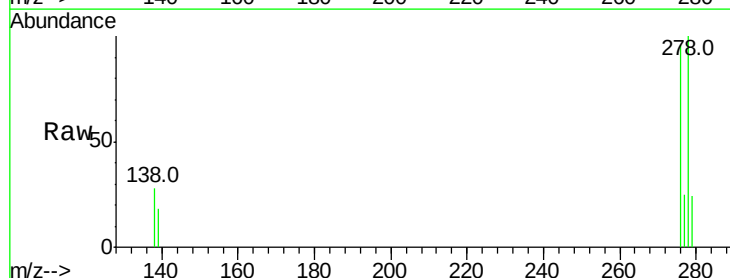
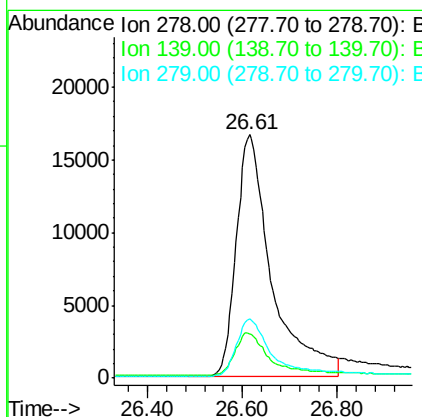
Manual Integrations
APPROVED

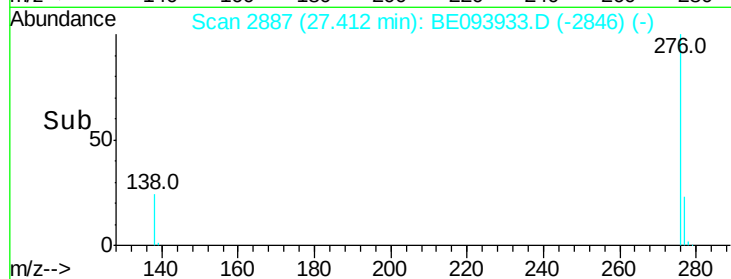
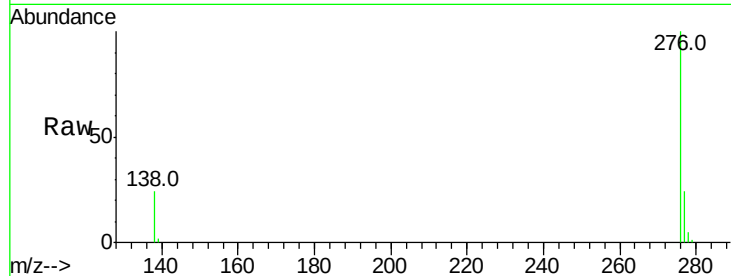
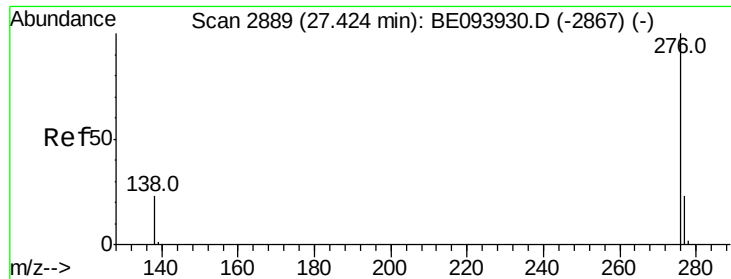
Sohil
9/7/2017 6:30:50 PM



#38
Dibenzo(a,h)anthracene
Concen: 3.253 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE093933.D
Acq: 5 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.7	25.1
279	24.4	21.6	32.4





#39

Benzo(a,h,i)perylene

Concen: 2.980 ng

RT: 27.41 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE093933.D

Acq: 5 Sep 2017 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:276 Resp: 86379

Ion Ratio Lower Upper

276 100

277 23.6 20.6 30.8

138 24.3 21.9 32.9

Manual Integrations
APPROVED

Sohil
9/7/2017 6:30:50 PM

