

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098651.D
 Acq On : 17 Jan 2019 16:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 1/18/2019 12:04:53 PM

Quant Time: Jan 18 02:00:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 15 14:30:55 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	934	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4377	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2942	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7107	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8472	0.40	ng	-0.01
34) Perylene-d12	23.92	264	8153	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	928	0.37	ng	0.00
5) Phenol-d6	7.00	99	1431	0.40	ng	0.00
8) Nitrobenzene-d5	8.98	82	1355	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2714	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	488	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4291	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	32663	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	6548	0.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	697	0.405	ng	94
3) n-Nitrosodimethylamine	3.66	42	524	0.392	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	1037	0.387	ng	86
9) Naphthalene	10.65	128	15992	0.367	ng	100
10) Hexachlorobutadiene	10.94	225	1243	0.398	ng	99
12) 2-Methylnaphthalene	12.28	142	2669	0.369	ng	93
16) Acenaphthylene	14.20	152	4627	0.363	ng	99
17) Acenaphthene	14.54	154	2897	0.362	ng	98
18) Fluorene	15.51	166	3862	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1375	0.365	ng	89
21) Hexachlorobenzene	16.53	284	1639	0.361	ng	97
22) Pentachlorophenol	16.89	266	496m	0.467	ng	
23) Phenanthrene	17.27	178	6010	0.357	ng	100
24) Anthracene	17.36	178	4887	0.339	ng	98
26) Fluoranthene	19.29	202	7879	0.364	ng	98
28) Pyrene	19.65	202	8290	0.355	ng	99
30) Benzo(a)anthracene	21.39	228	8240	0.362	ng	97
31) Chrysene	21.45	228	8070	0.342	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	16568	0.343	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	8873	0.364	ng	# 91
35) Benzo(b)fluoranthene	23.15	252	7765	0.349	ng	99
36) Benzo(k)fluoranthene	23.20	252	8783	0.361	ng	99
37) Benzo(a)pyrene	23.81	252	7764	0.355	ng	97
38) Dibenzo(a,h)anthracene	26.60	278	7181	0.371	ng	97
39) Benzo(g,h,i)perylene	27.38	276	7619	0.359	ng	97

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

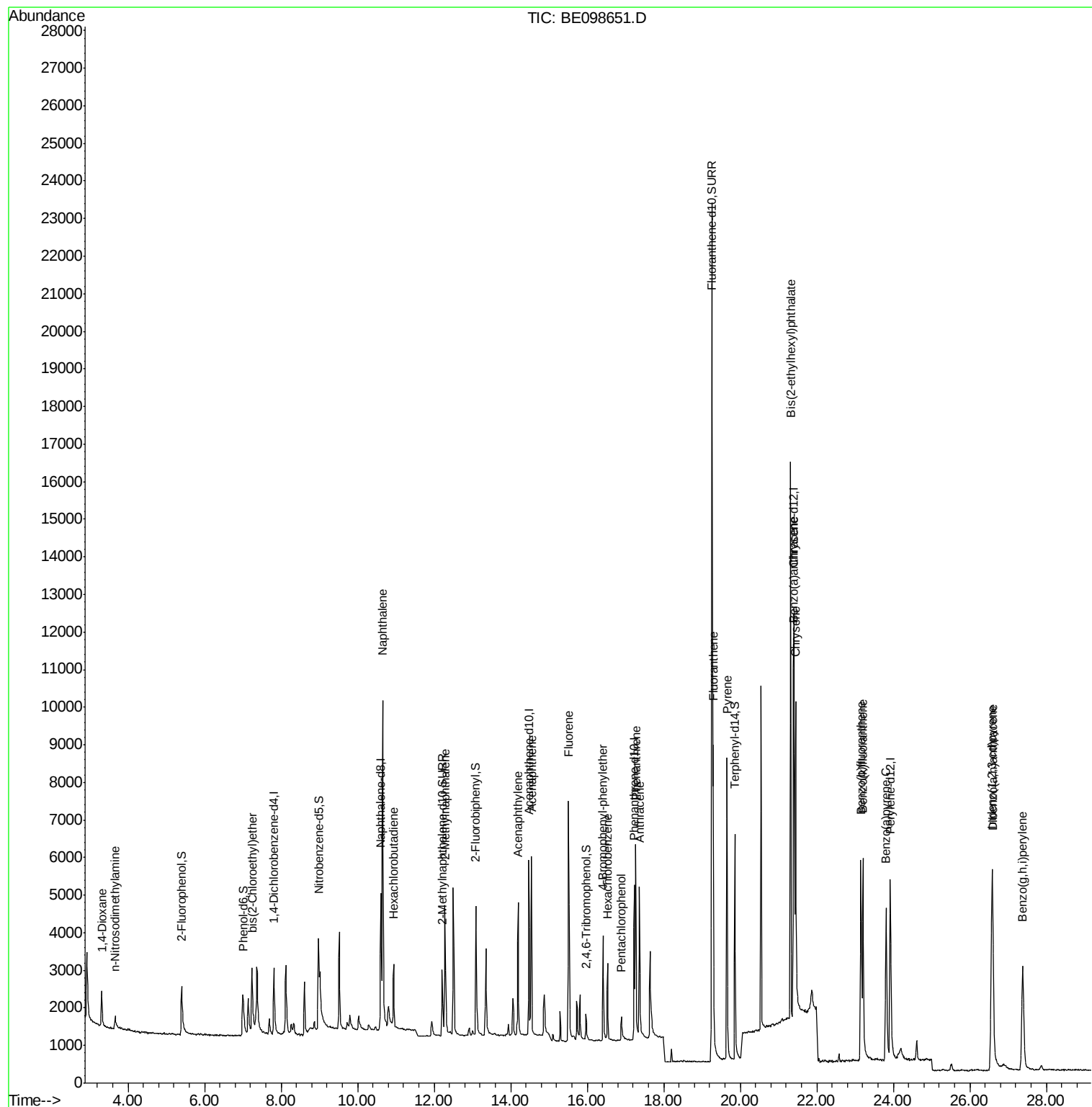
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098651.D
Acq On : 17 Jan 2019 16:24
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

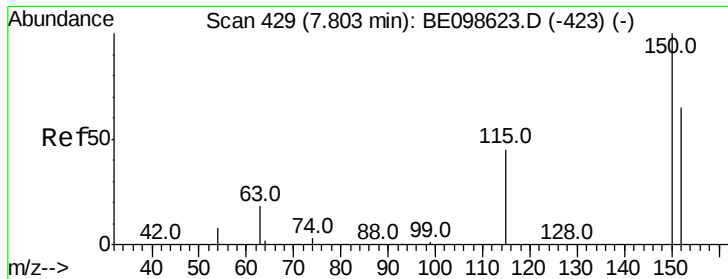
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

Quant Time: Jan 18 02:00:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration





#1

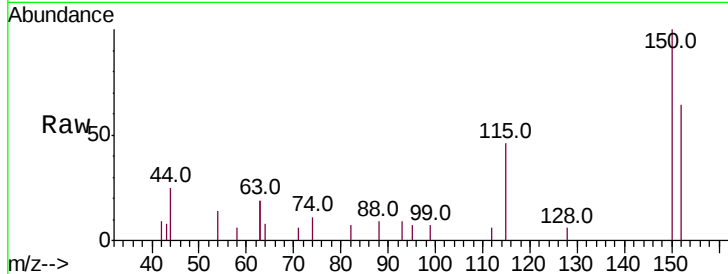
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.4	182.2
115	71.7	59.1	88.7

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

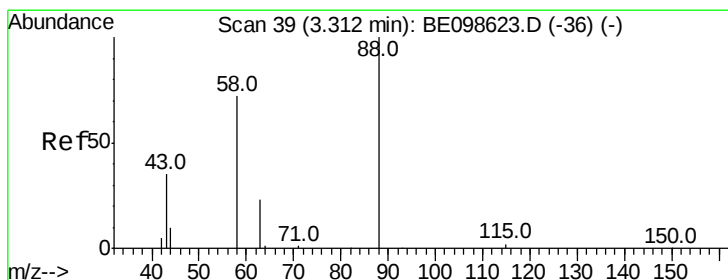
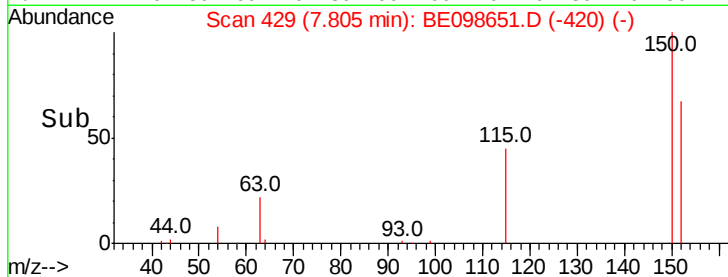
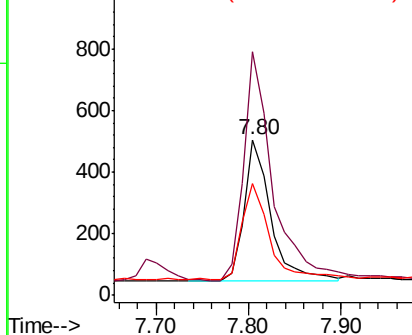


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

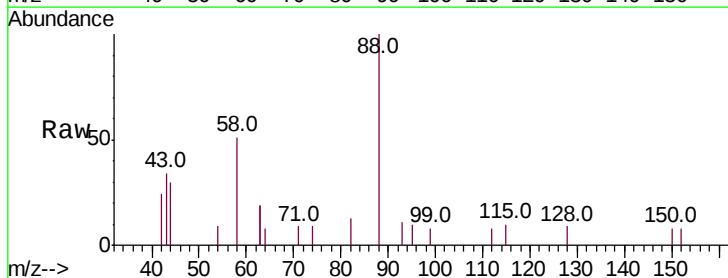
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.405 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	73.9	110.9
43	47.9	43.7	65.5

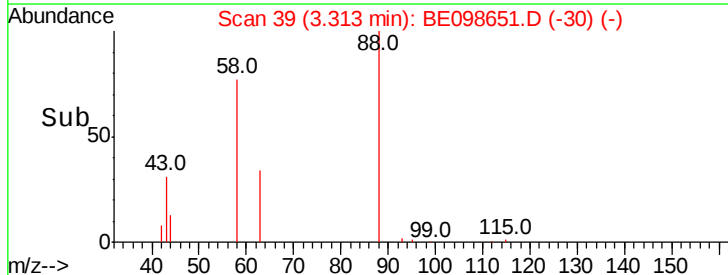
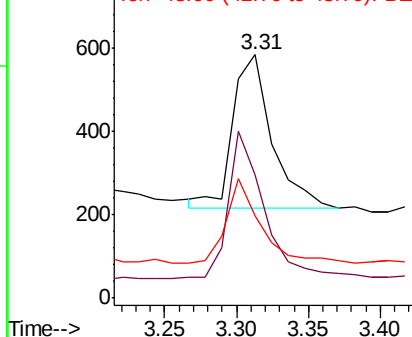


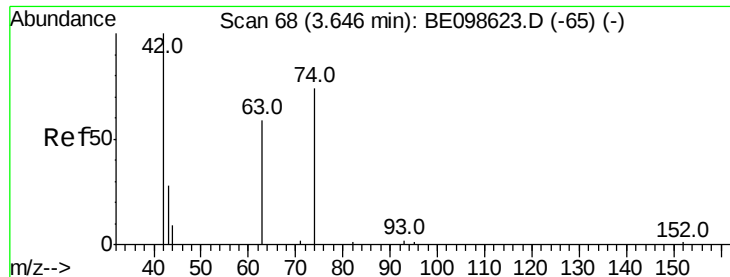
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

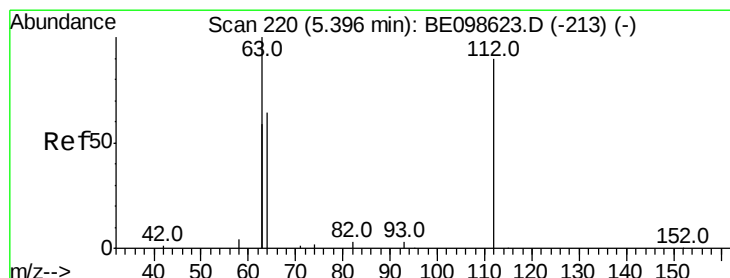
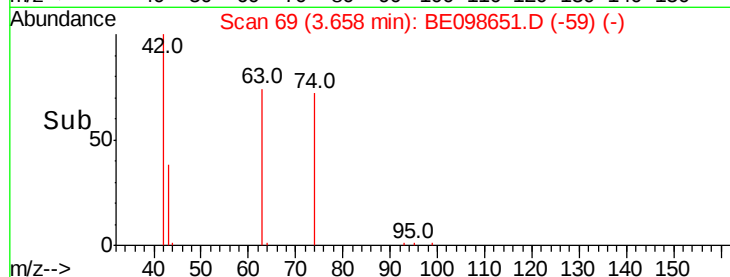
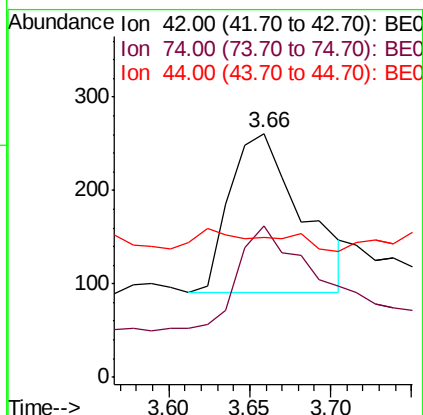
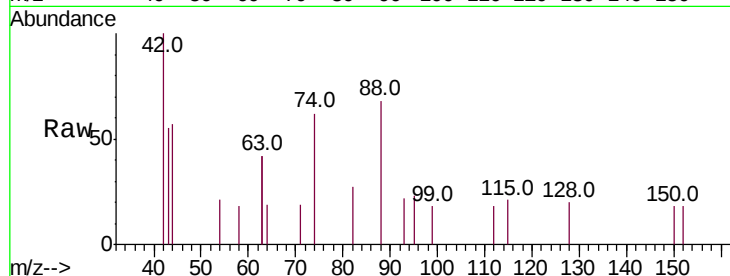
n-Nitrosodimethylamine
 Concen: 0.392 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BE098651.D
 Acq: 17 Jan 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:	42	Resp:	524
Ion	Ratio	Lower	Upper
42	100		
74	65.6	58.9	88.3
44	0.0	0.0	0.0

Manual Integrations
 APPROVED

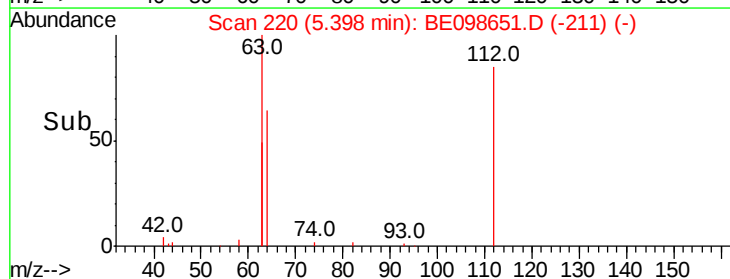
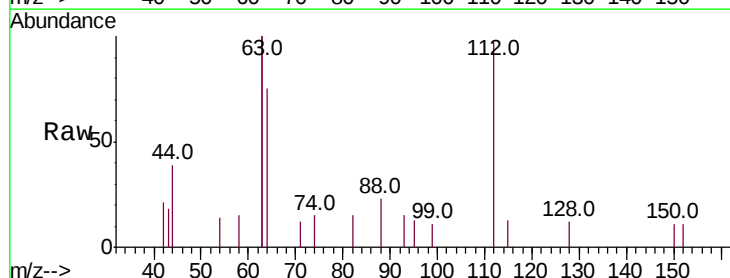
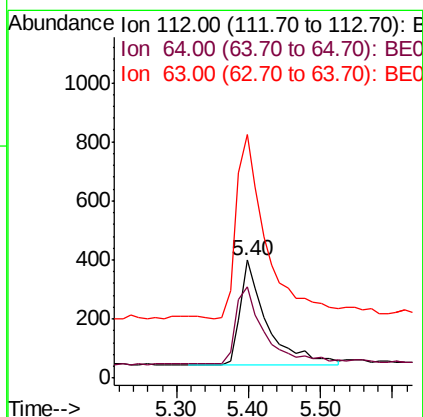
Sohil
 1/18/2019 12:04:53 PM

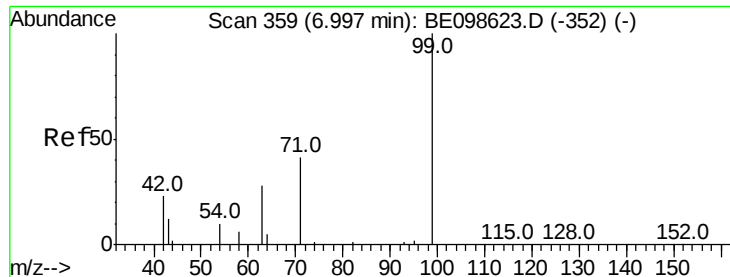


#4

2-Fluorophenol
 Concen: 0.373 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098651.D
 Acq: 17 Jan 2019 16:24

Tgt Ion:	112	Resp:	928
Ion	Ratio	Lower	Upper
112	100		
64	80.7	62.9	94.3
63	211.3	152.2	228.4





#5

Phenol-d6

Concen: 0.403 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

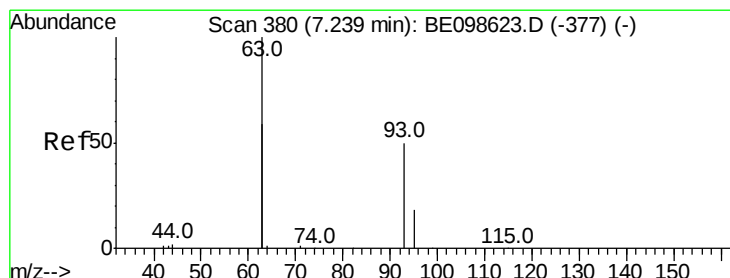
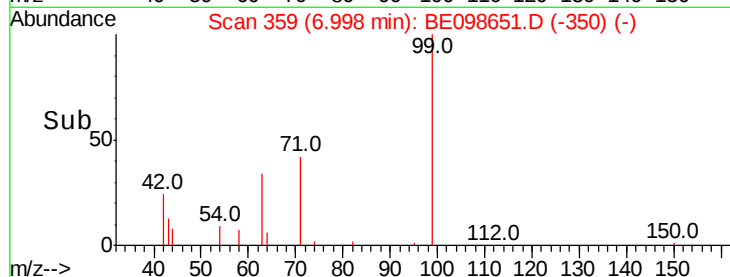
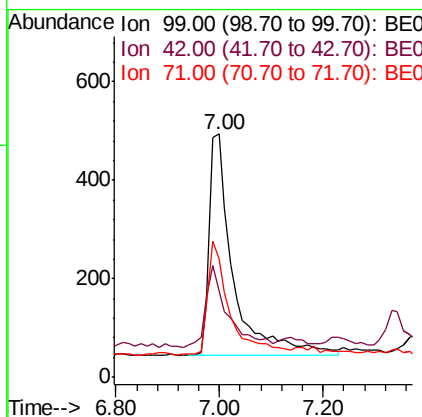
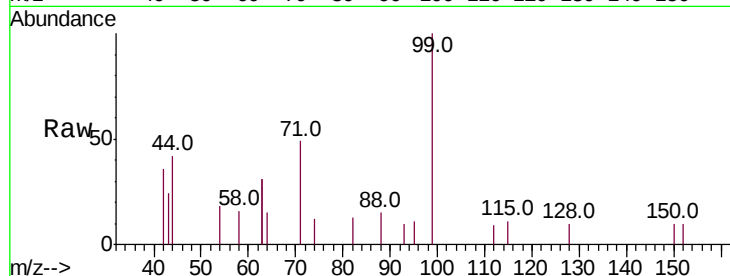
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	1431
Ion	Ratio	Lower	Upper
99	100		
42	34.3	24.6	37.0
71	46.9	35.1	52.7

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

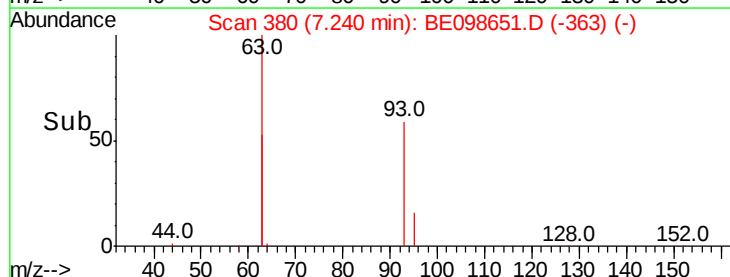
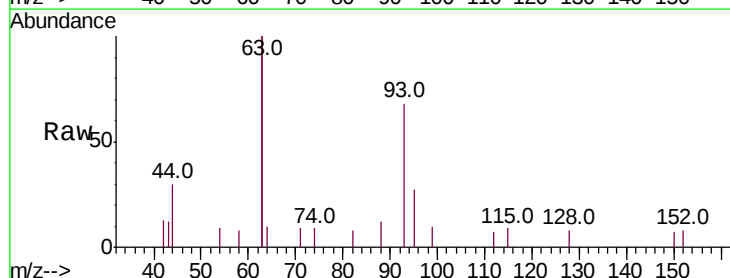
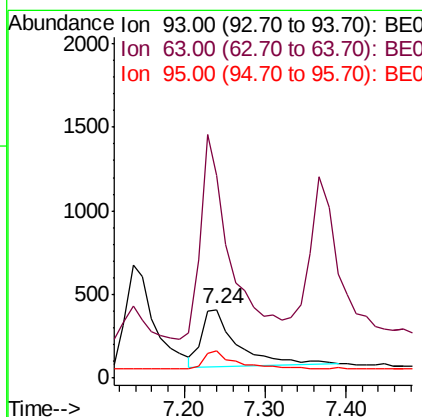
RT: 7.24 min Scan# 380

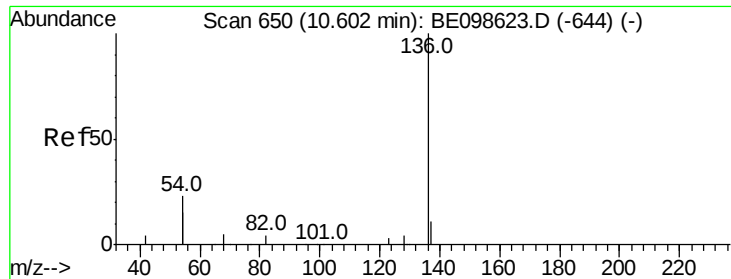
Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Tgt Ion:	93	Resp:	1037
Ion	Ratio	Lower	Upper
93	100		
63	301.4	267.3	400.9
95	32.7	26.2	39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

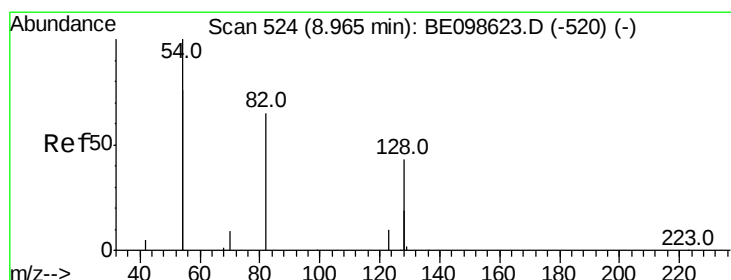
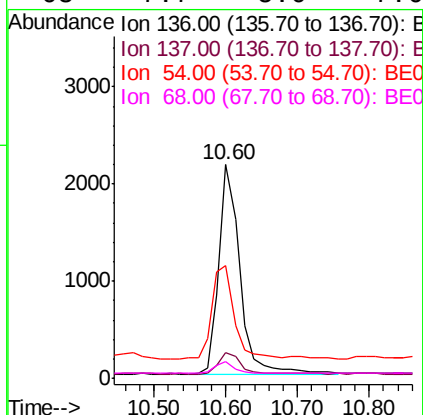
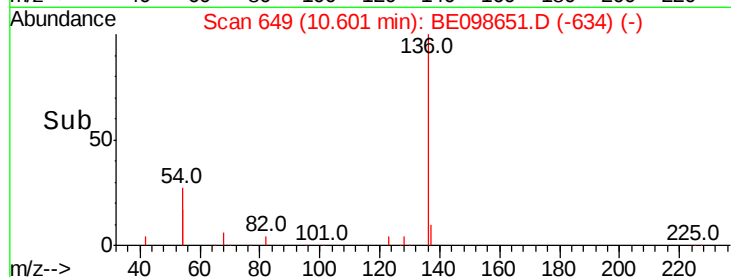
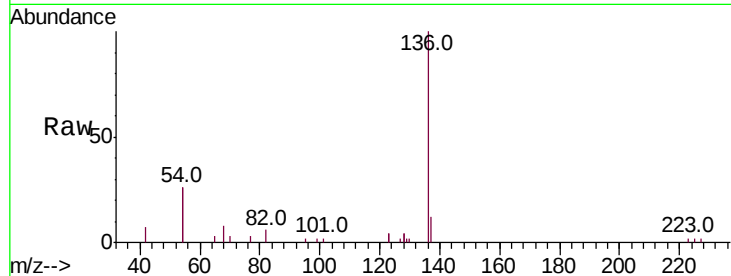
ClientSampleId :

SSTDCCC0.4

Tot Ion:	136	Resp:	4377
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.7	14.5
54	52.5	35.5	53.3
68	7.7	5.0	7.6#

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM



#8

Nitrobenzene-d5

Concen: 0.390 ng

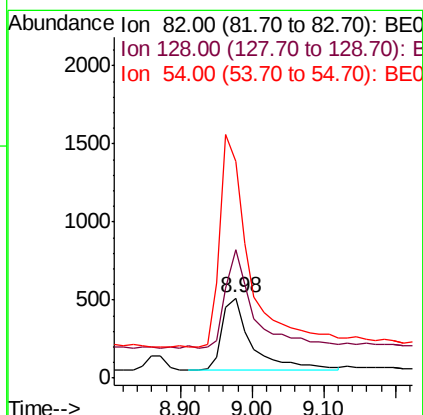
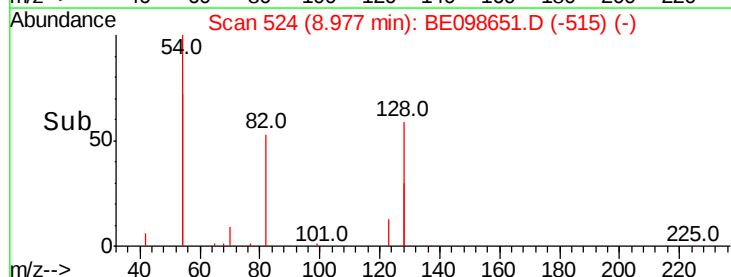
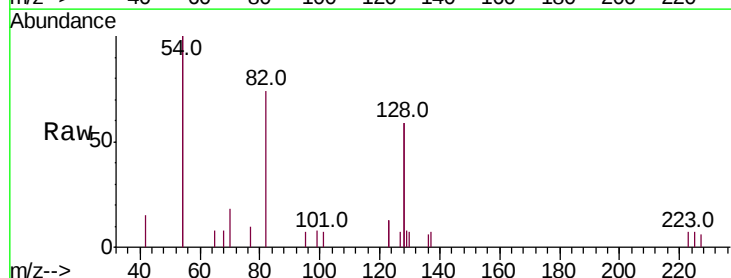
RT: 8.98 min Scan# 524

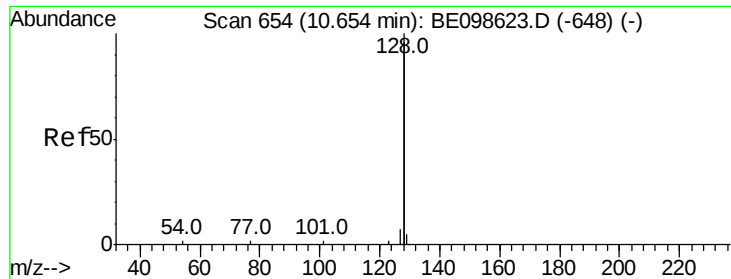
Delta R.T. 0.01 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Tgt Ion:	82	Resp:	1355
Ion Ratio	Lower	Upper	
82	100		
128	160.2	96.5	144.7#
54	271.9	224.7	337.1





#9

Naphthalene

Concen: 0.367 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

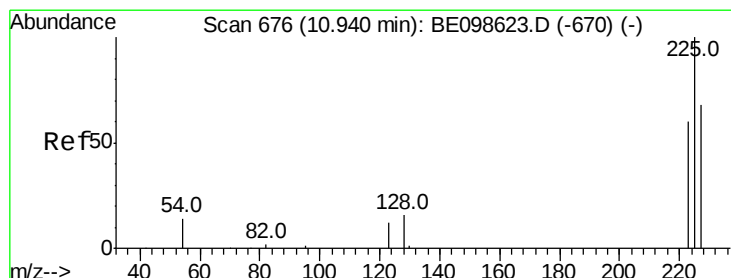
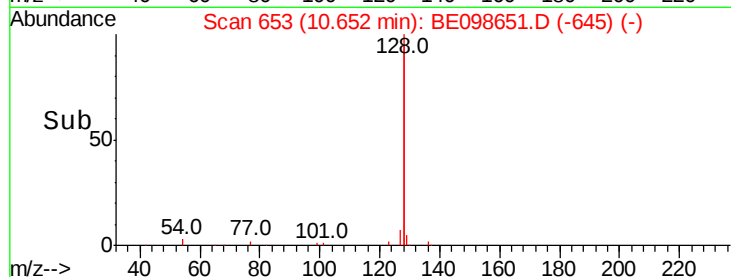
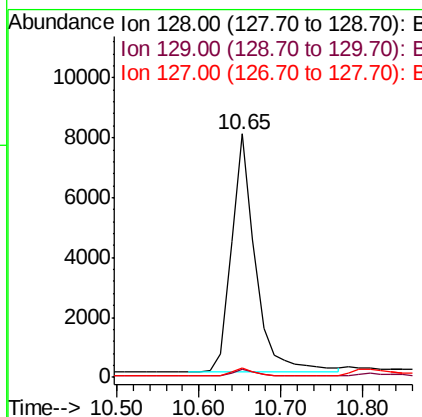
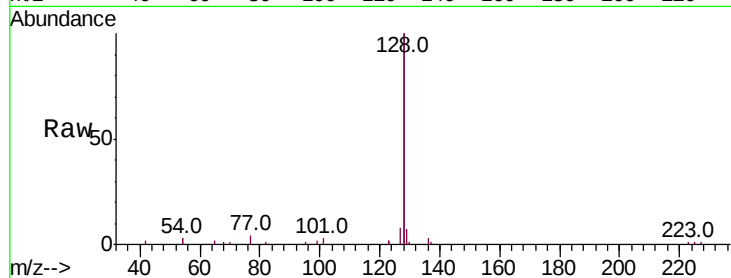
ClientSampled :

SSTDCCC0.4

Tot Ion:	128	Resp:	15992
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	3.8
127	3.9	3.0	4.6

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM



#10

Hexachlorobutadiene

Concen: 0.398 ng

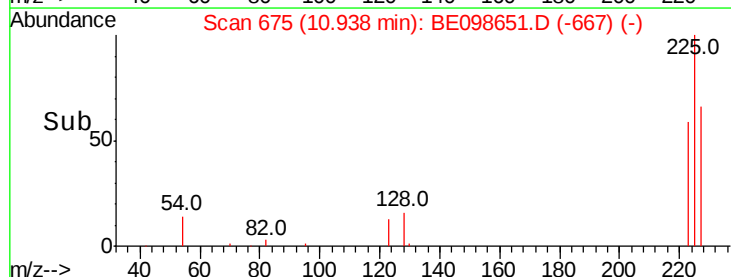
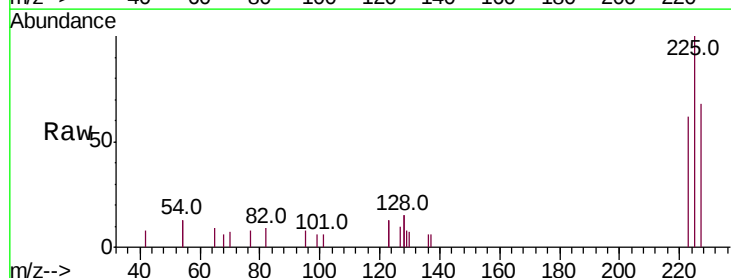
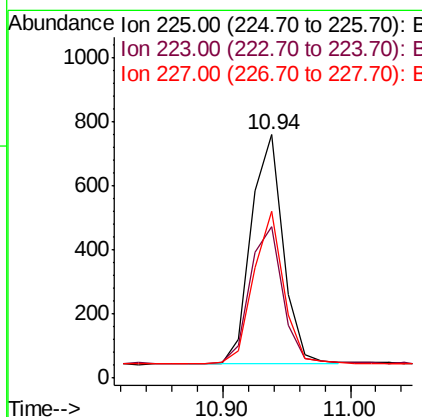
RT: 10.94 min Scan# 675

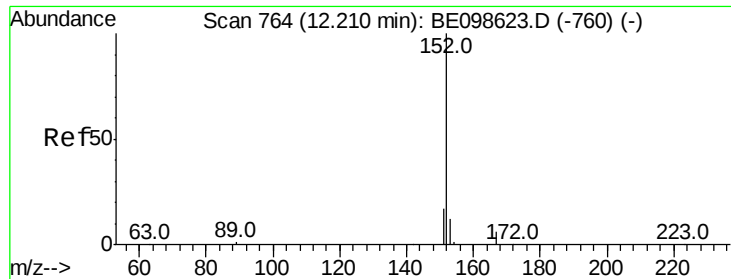
Delta R.T. -0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Tgt Ion:	225	Resp:	1243
Ion Ratio	Lower	Upper	
225	100		
223	61.5	47.8	71.8
227	63.2	50.5	75.7





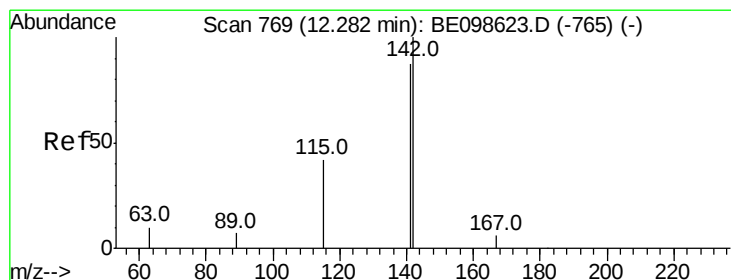
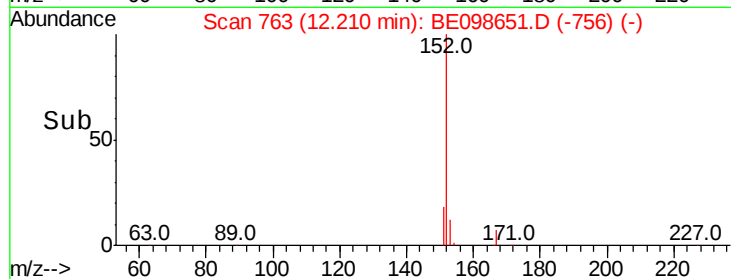
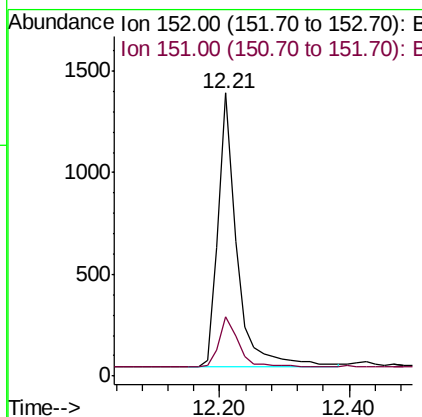
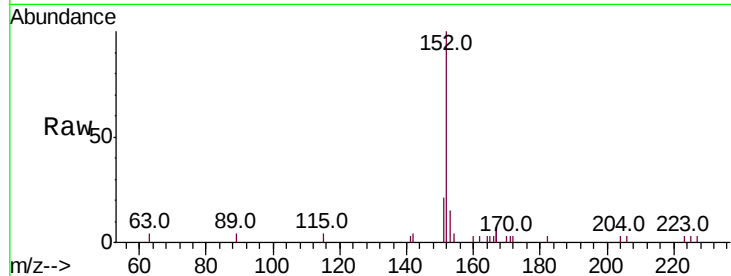
#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE098651.D
 Acq: 17 Jan 2019 16:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

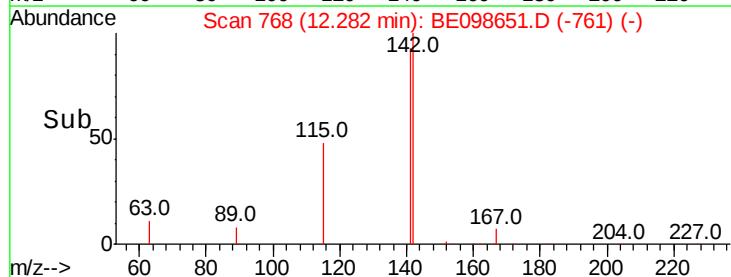
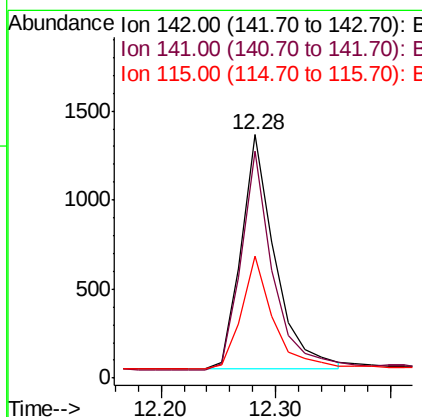
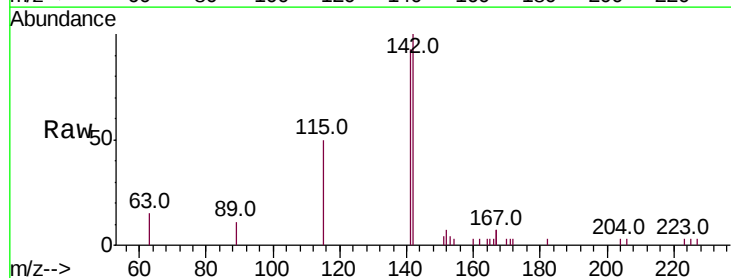
Manual Integrations
 APPROVED

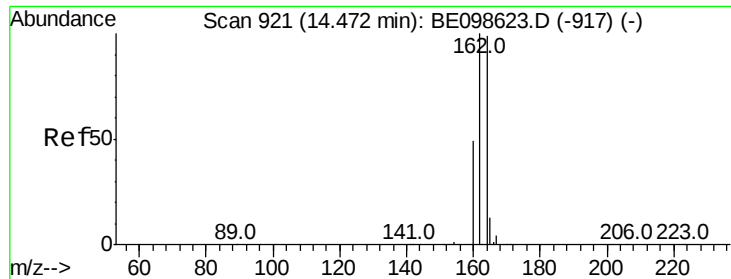
Sohil
 1/18/2019 12:04:53 PM



#12
 2-Methylnaphthalene
 Concen: 0.369 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098651.D
 Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.0	105.0
115	50.0	35.2	52.8





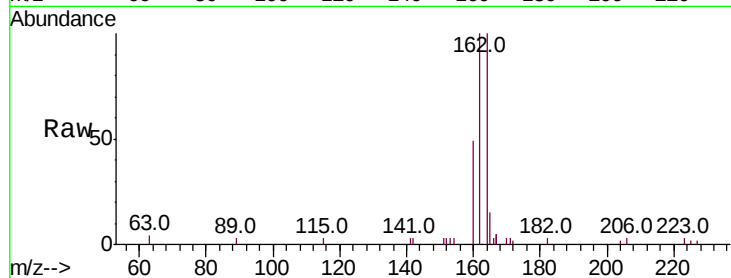
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.5	120.7
160	49.4	40.1	60.1

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

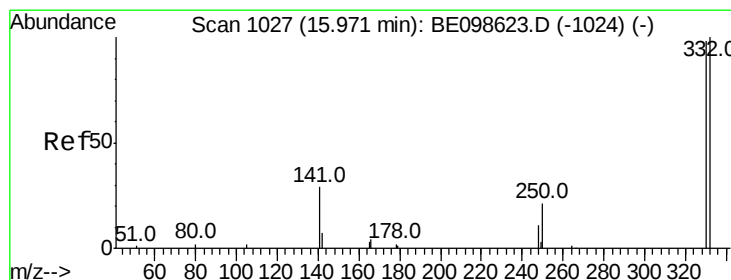
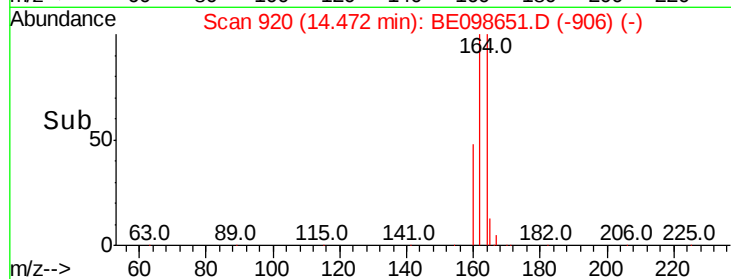
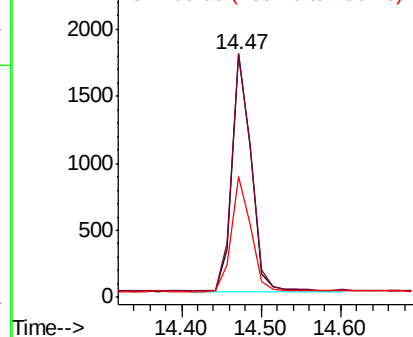


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

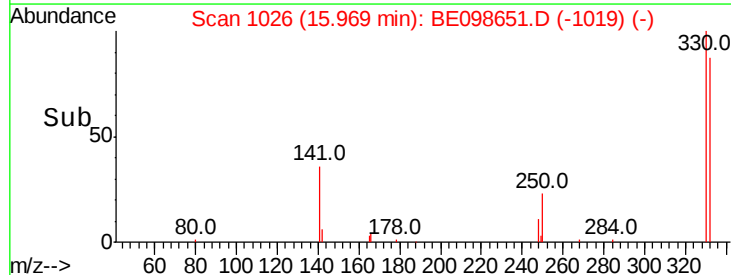
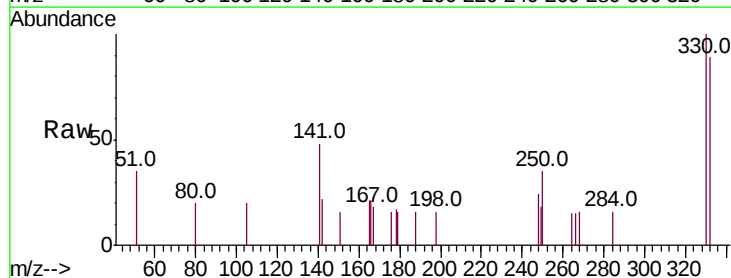
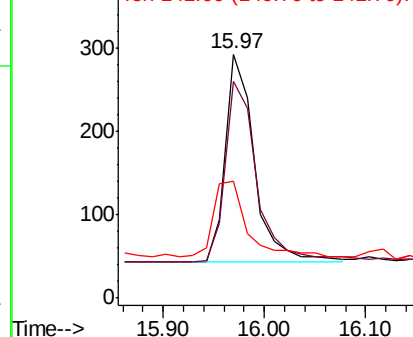
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	73.3	109.9
141	44.1	33.1	49.7

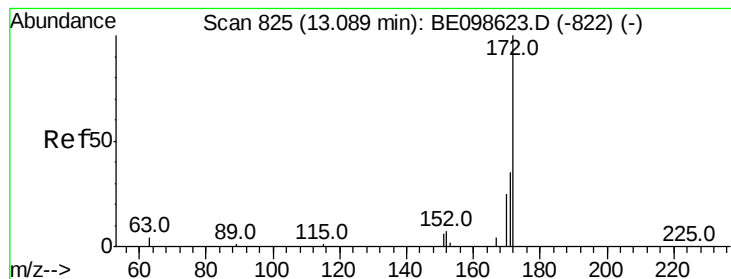
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





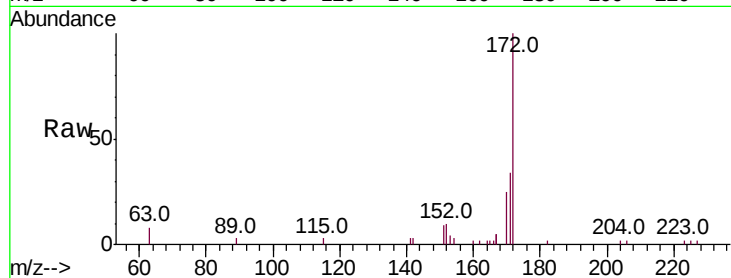
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.4
170	24.9	20.8	31.2

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

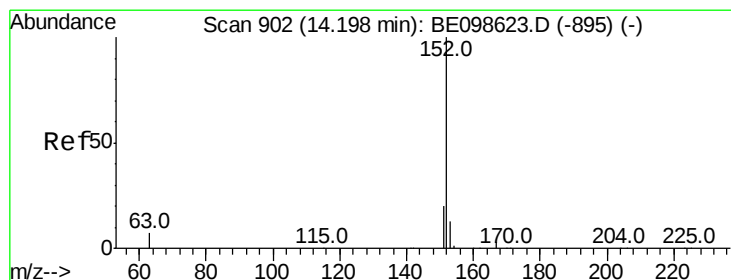
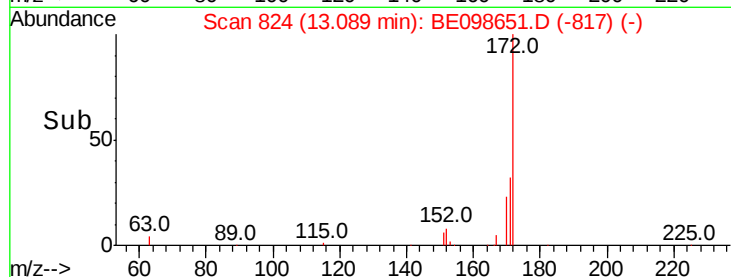
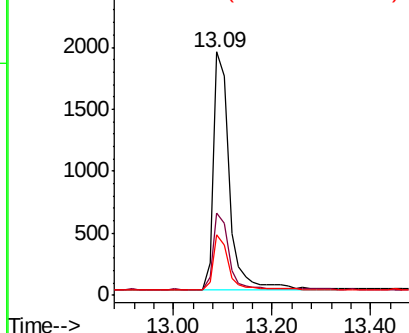


Abundance

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: 0.363 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

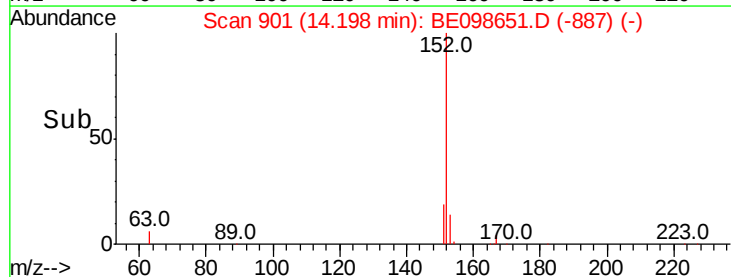
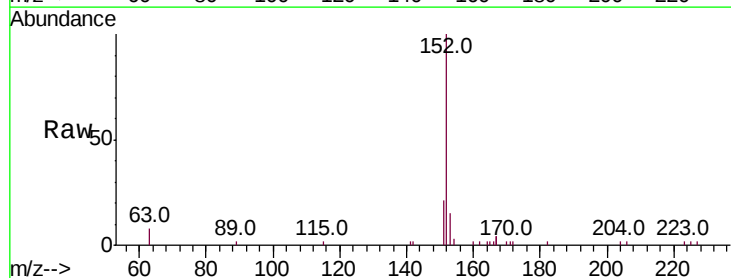
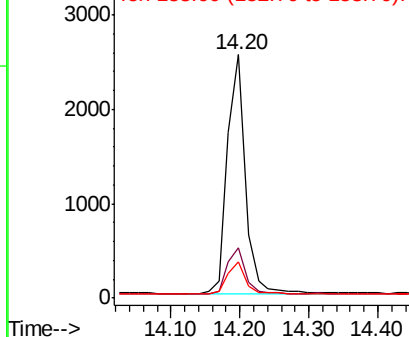
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	14.0	10.7	16.1

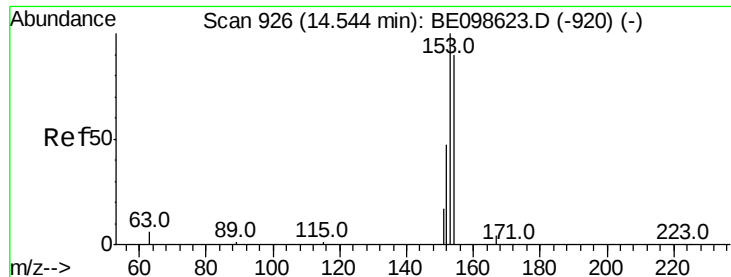
Abundance

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





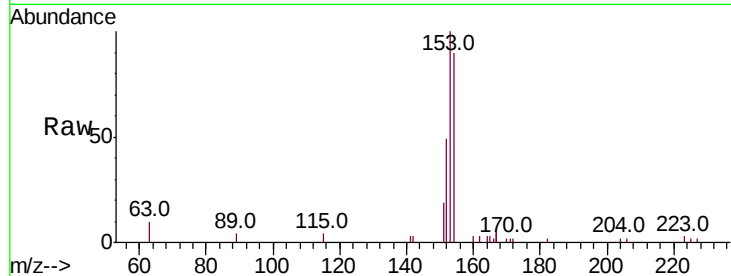
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

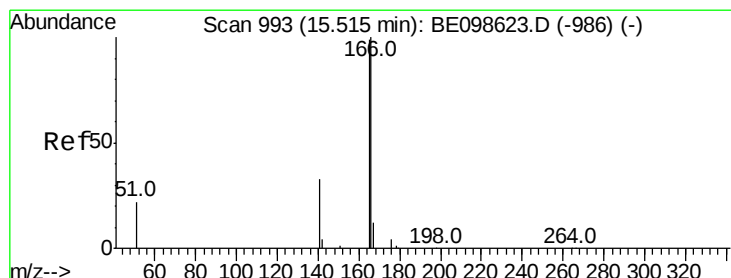
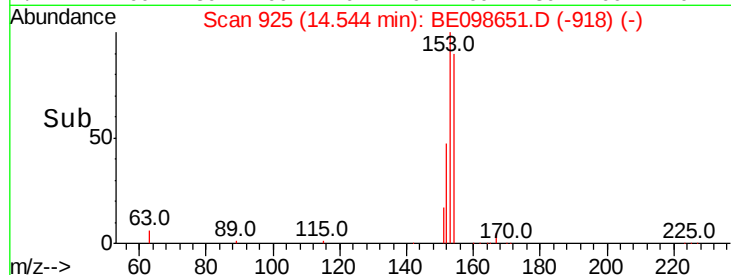
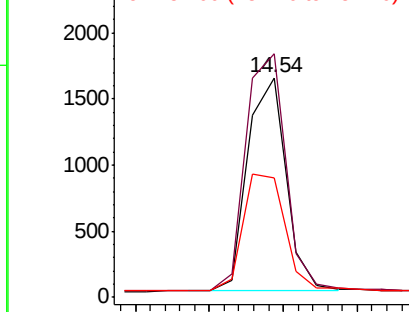
Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.9	140.9
152	58.7	45.8	68.8

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

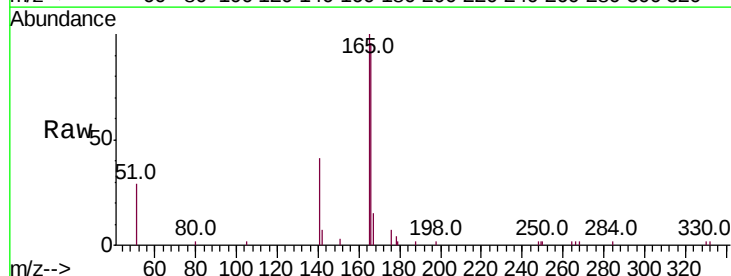


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

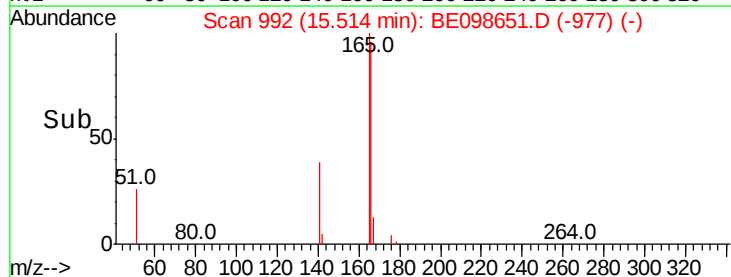
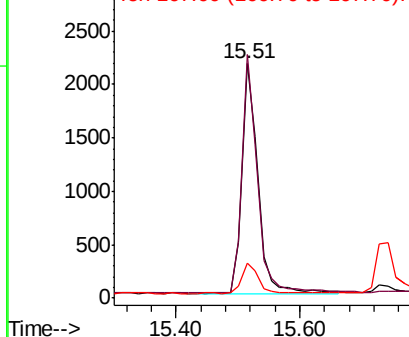


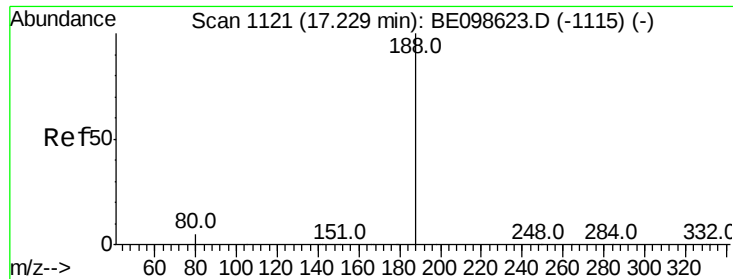
#18
Fluorene
Concen: 0.371 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.3	118.9
167	14.3	10.6	15.8



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





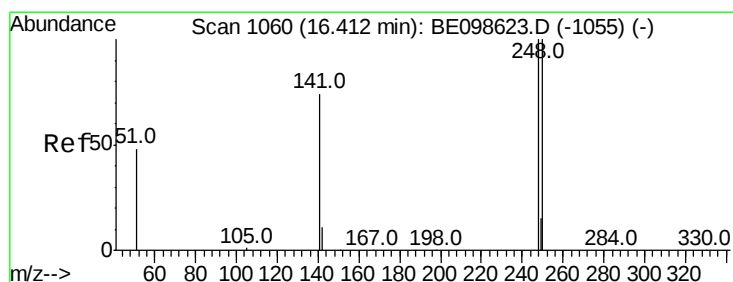
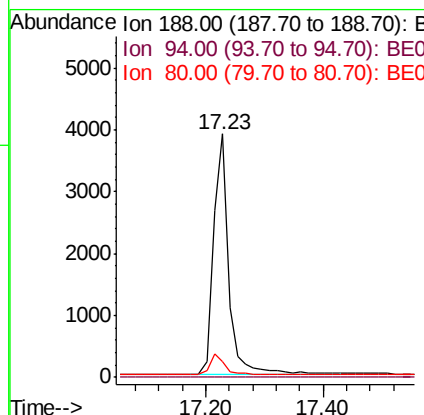
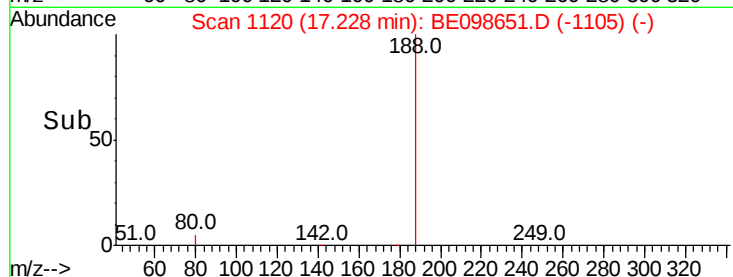
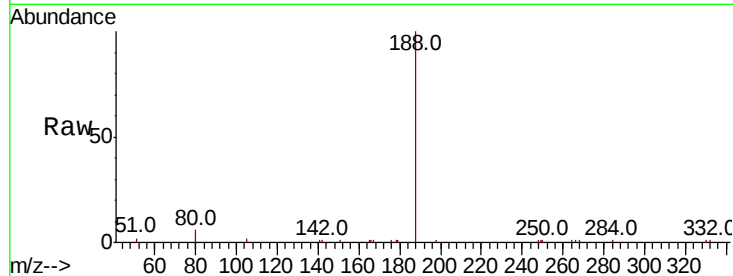
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:	188	Resp:	7107
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.4	4.7	7.1

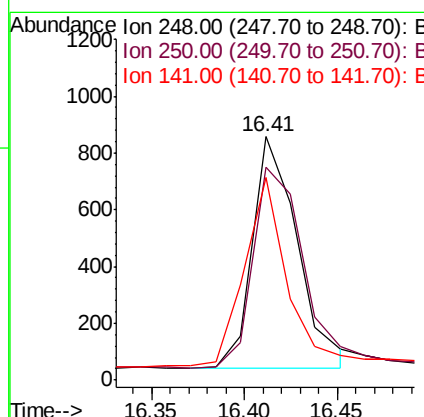
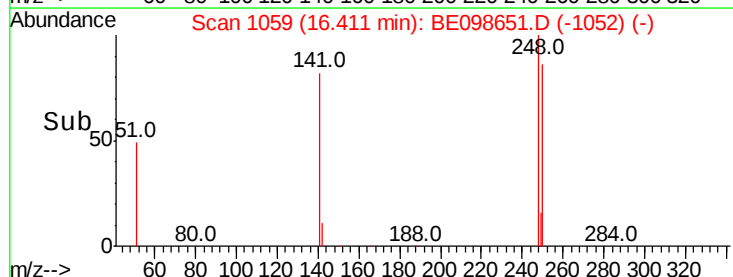
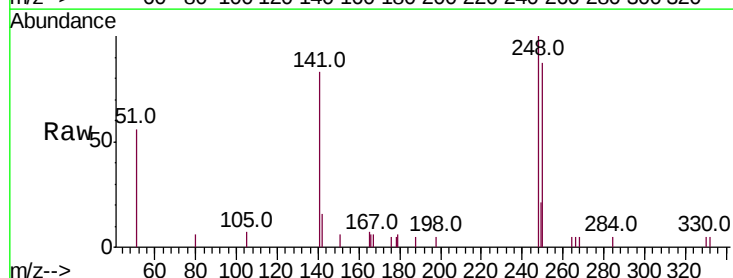
Manual Integrations
APPROVED

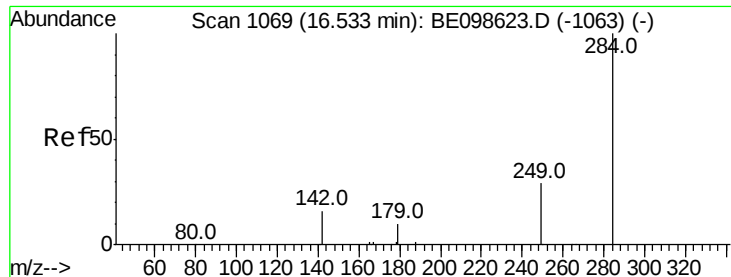
Sohil
1/18/2019 12:04:53 PM



#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:	248	Resp:	1375
Ion Ratio	Lower	Upper	
248	100		
250	87.2	80.2	120.4
141	83.3	60.5	90.7





#21

Hexachlorobenzene

Concen: 0.361 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

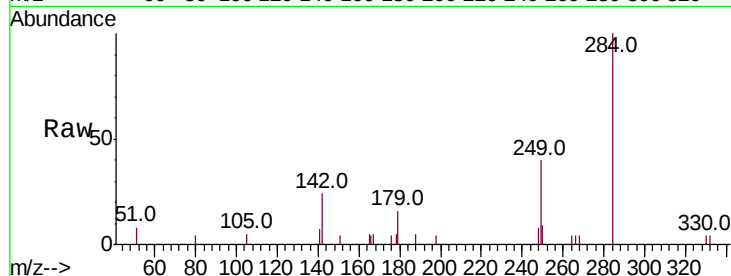
ClientSampleId :

SSTDCCC0.4

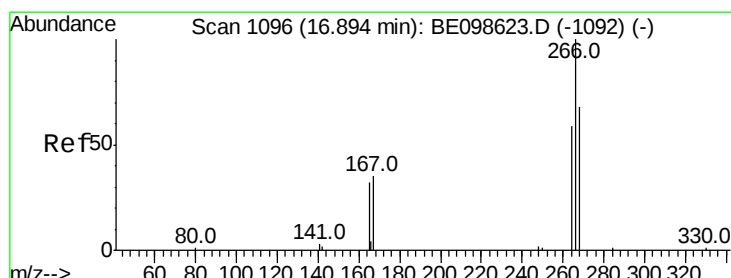
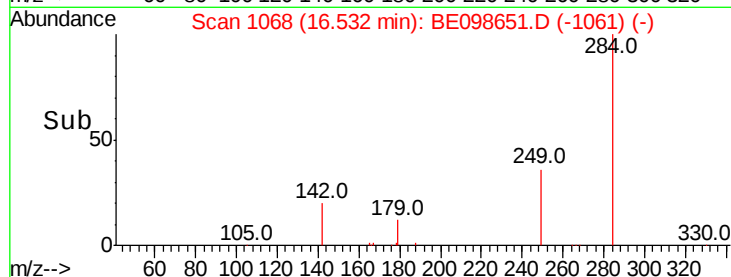
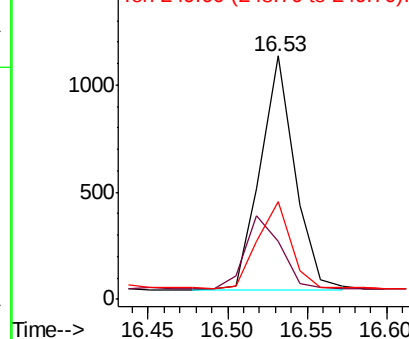
Tot Ion:	284	Resp:	1639
Ion Ratio	Lower	Upper	
284	100		
142	32.5	25.5	38.3
249	36.3	26.6	39.8

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 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: 0.467 ng m

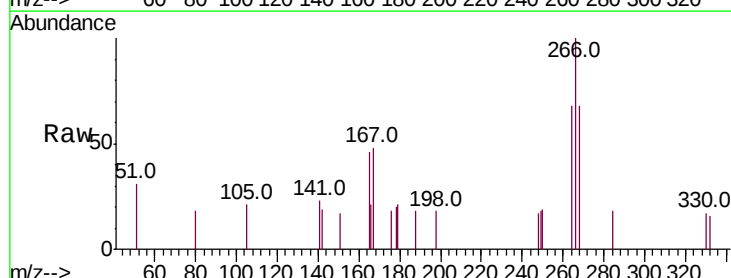
RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

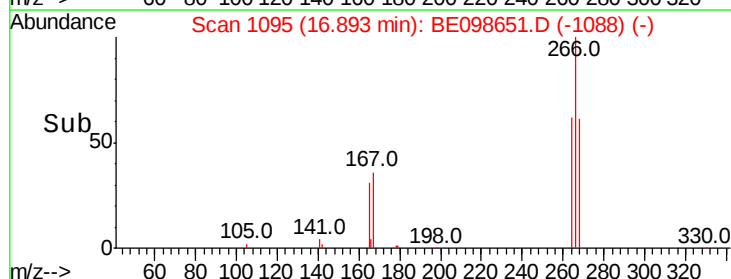
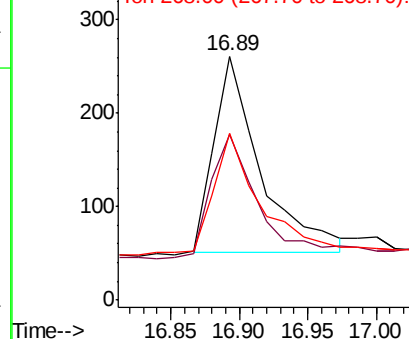
Lab File: BE098651.D

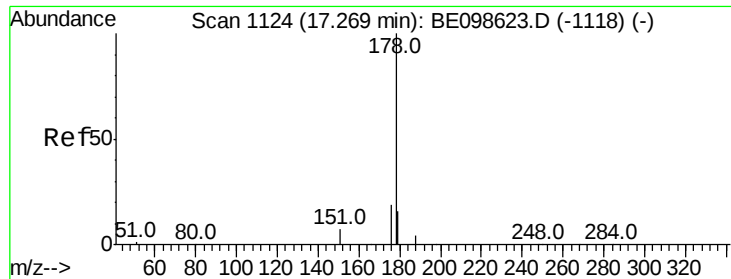
Acq: 17 Jan 2019 16:24

Tgt Ion:	266	Resp:	496
Ion Ratio	Lower	Upper	
266	100		
264	67.8	53.7	80.5
268	68.2	59.8	89.8



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





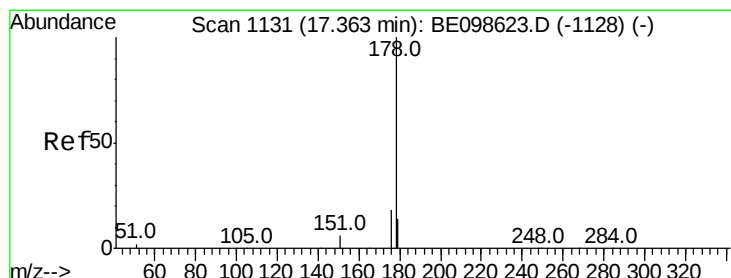
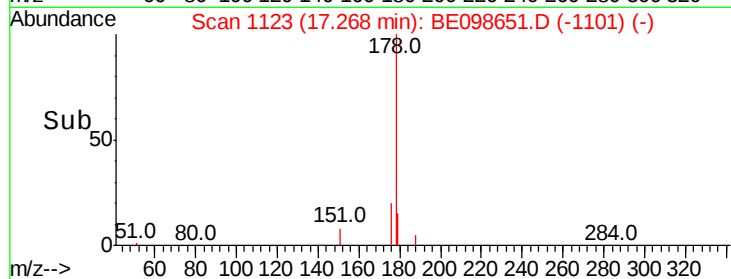
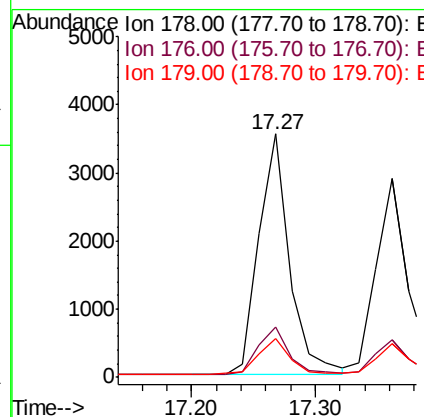
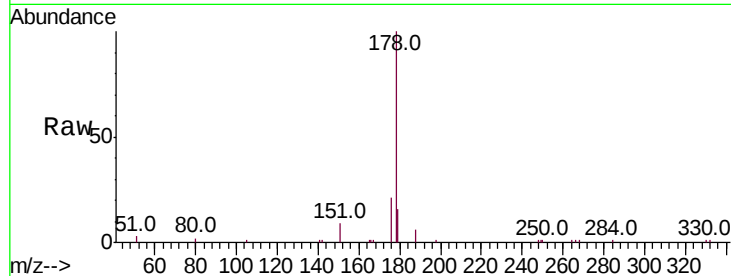
#23
Phenanthrene
Concen: 0.357 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.0	12.2	18.4

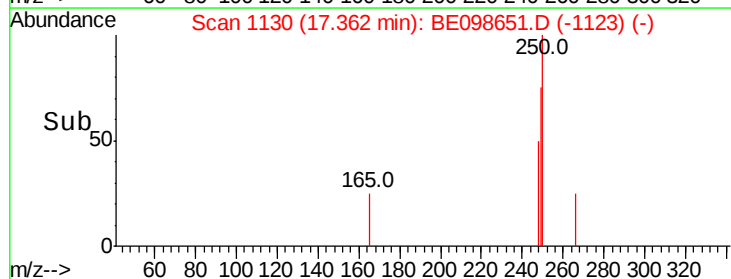
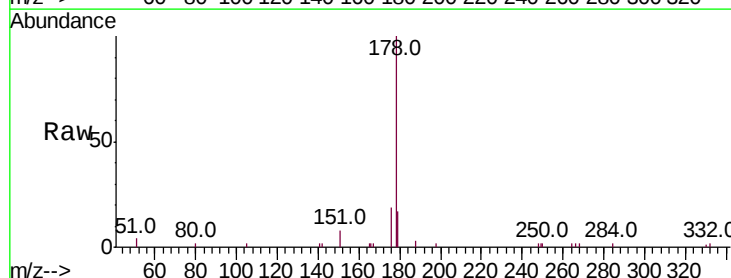
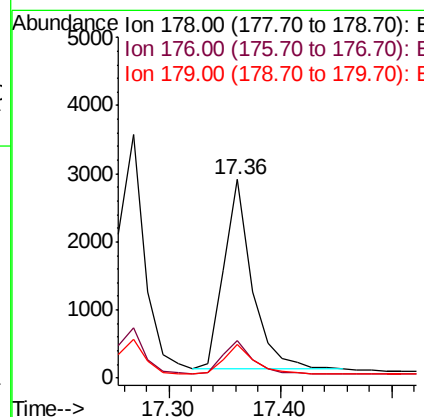
Manual Integrations
APPROVED

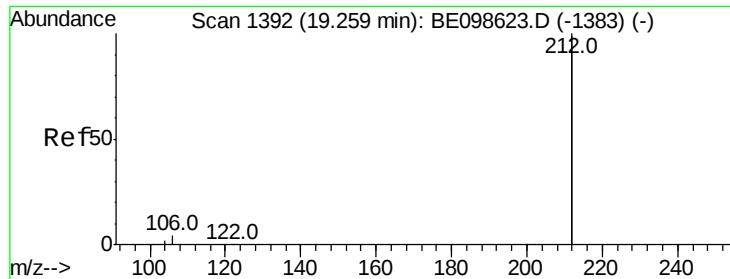
Sohil
1/18/2019 12:04:53 PM



#24
Anthracene
Concen: 0.339 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	16.3	11.8	17.8





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

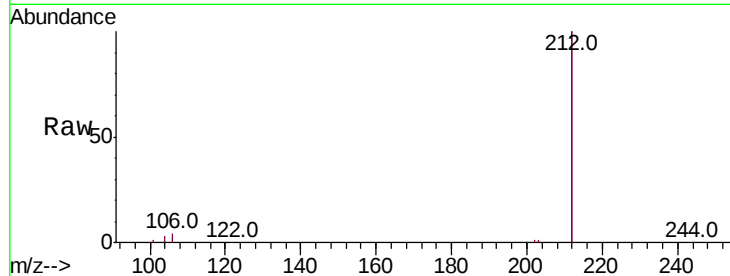
ClientSampleId :

SSTDCCC0.4

Tot Ion:	212	Resp:	32663
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.7	2.5
104	1.2	1.0	1.6

Manual Integrations
APPROVED

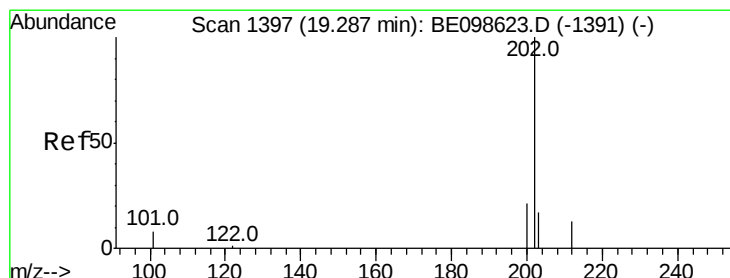
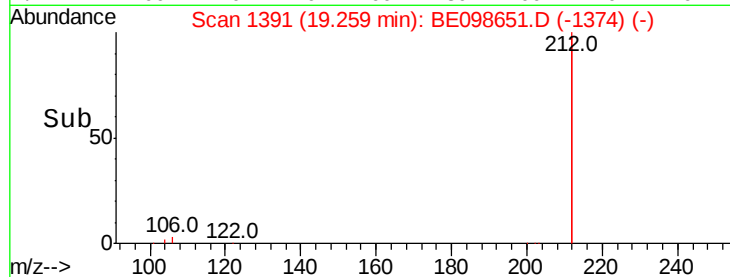
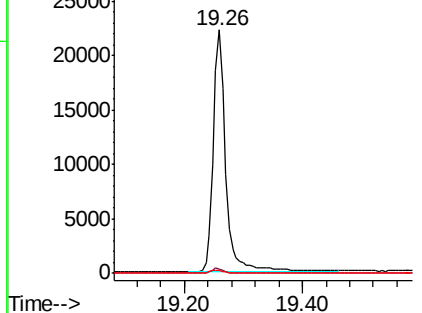
Sohil
1/18/2019 12:04:53 PM



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.364 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE098651.D

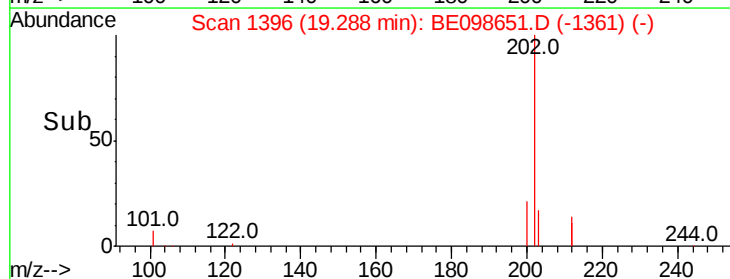
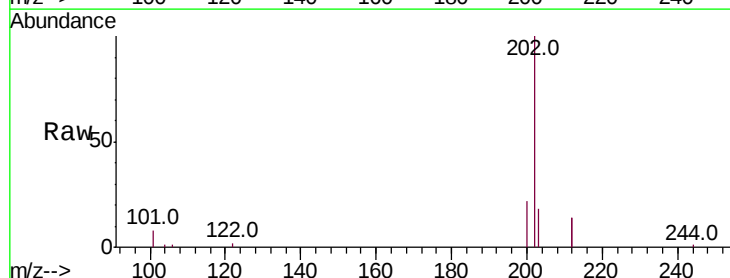
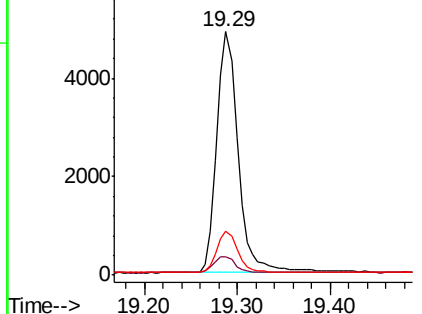
Acq: 17 Jan 2019 16:24

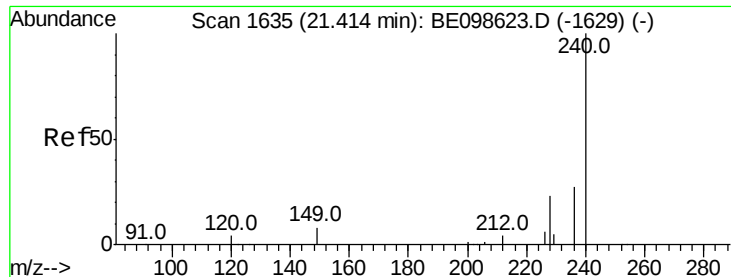
Tgt Ion:	202	Resp:	7879
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.7	10.1
203	16.3	13.3	19.9

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





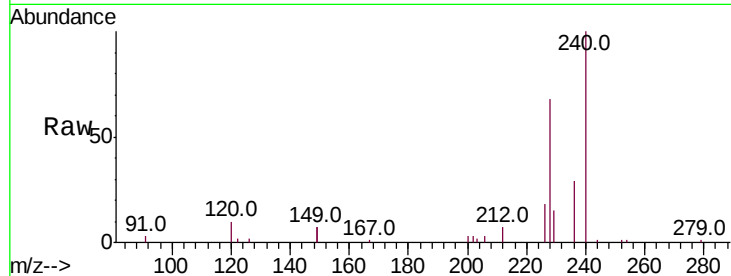
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

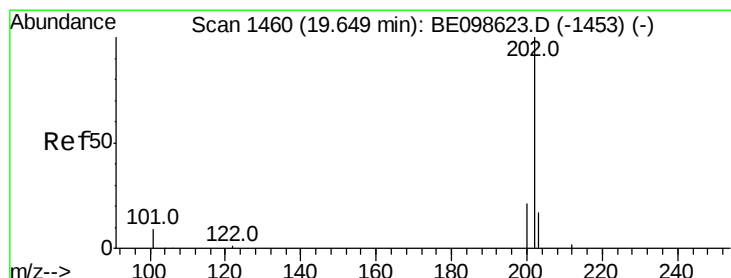
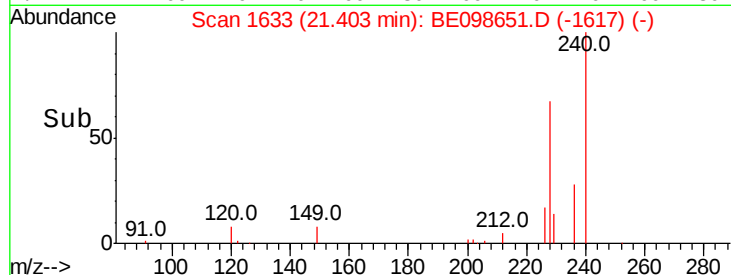
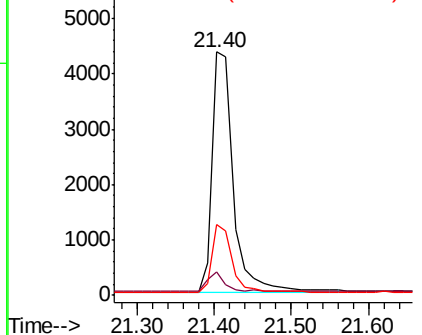
Tot Ion:240 Resp: 8472
Ion Ratio Lower Upper
240 100
120 9.7 4.7 7.1#
236 29.1 21.9 32.9

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

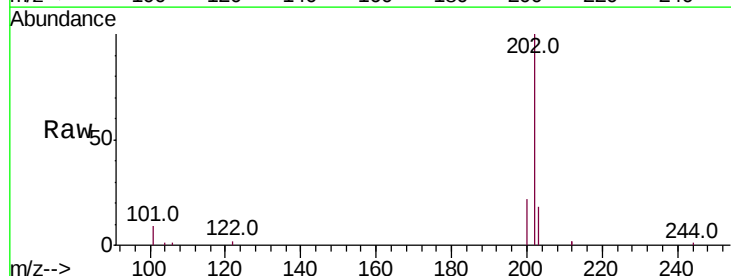


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

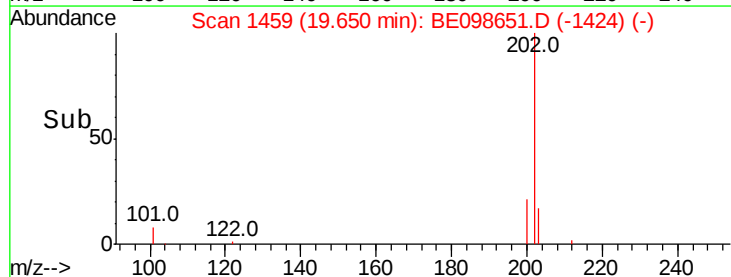
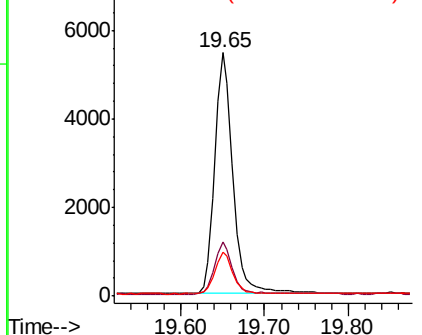


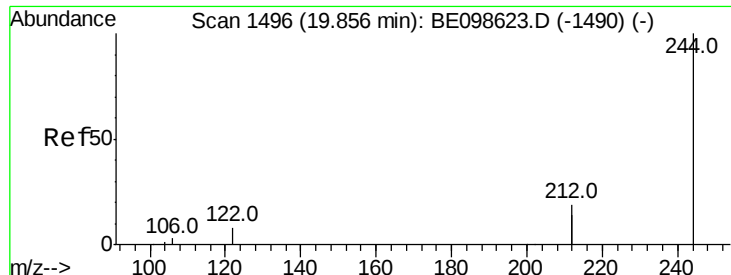
#28
Pyrene
Concen: 0.355 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion:202 Resp: 8290
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.1 13.8 20.8



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: 0.349 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

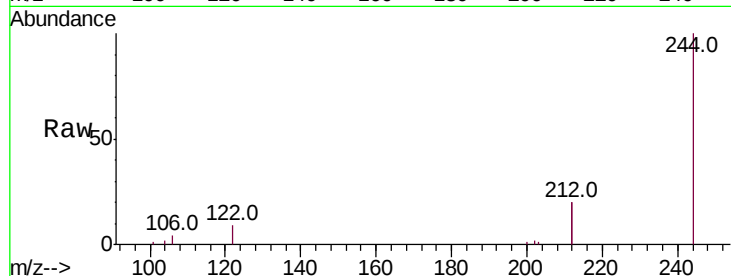
ClientSampled :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	39.2	29.4	44.2
122	8.5	7.1	10.7

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 PM

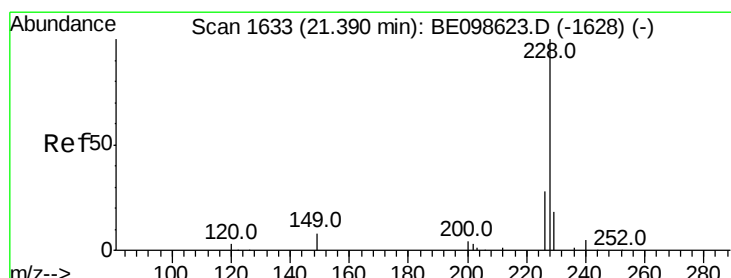
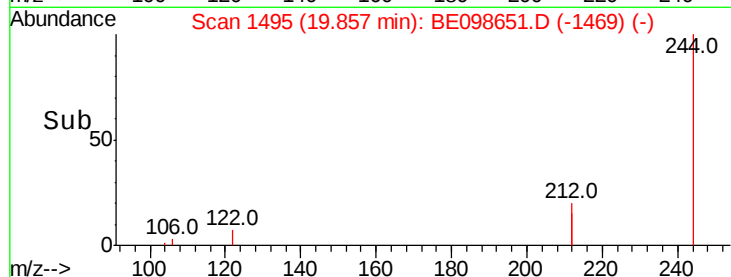
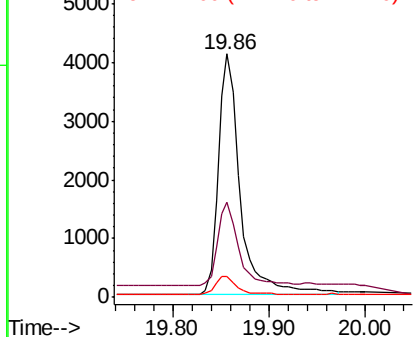


Abundance

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: 0.362 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

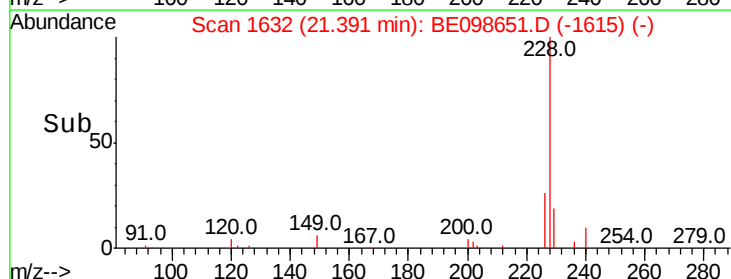
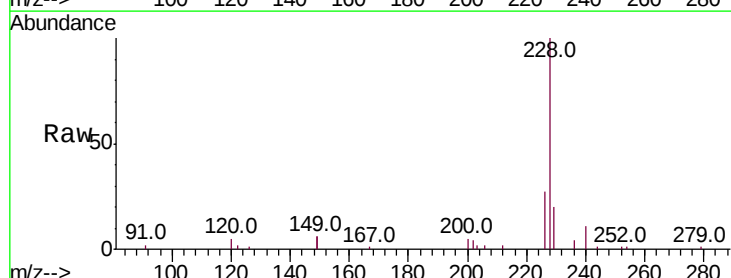
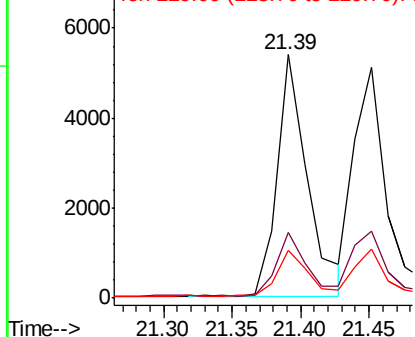
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	19.8	15.0	22.6

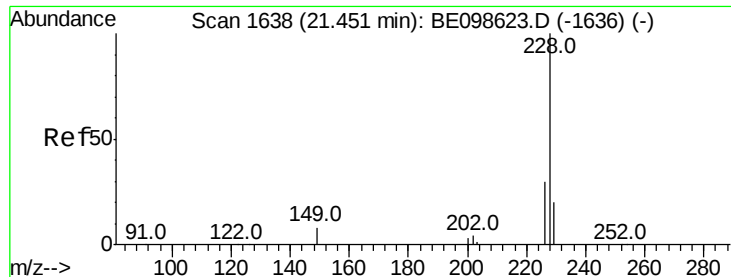
Abundance

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: 0.342 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 8070

Ion Ratio Lower Upper

228 100

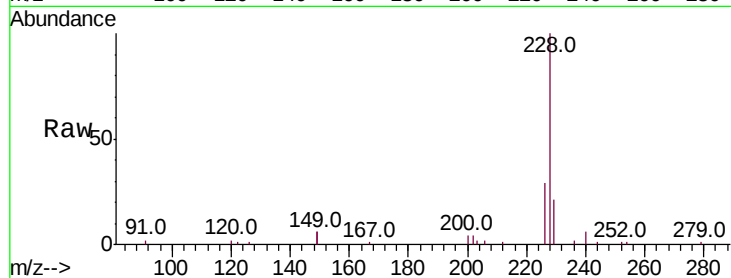
226 29.2 24.6 36.8

229 21.2 16.4 24.6

Manual Integrations
APPROVED

Sohil

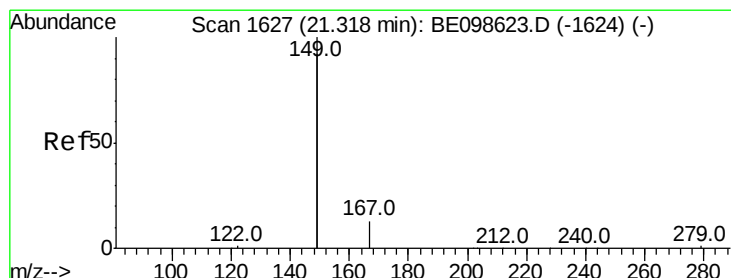
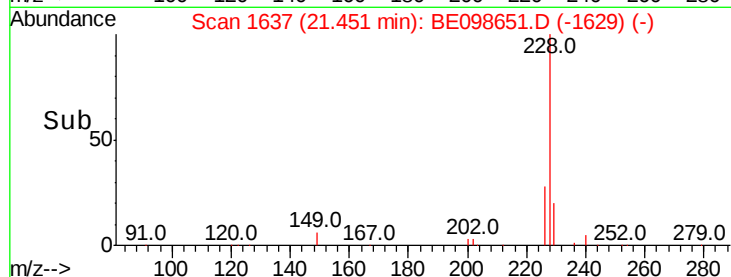
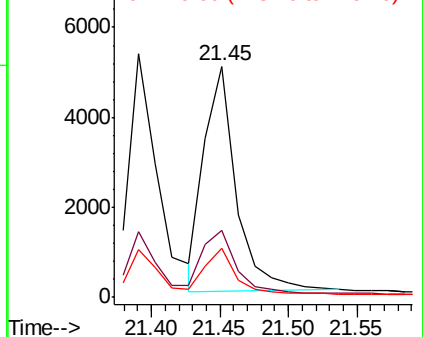
1/18/2019 12:04:53 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

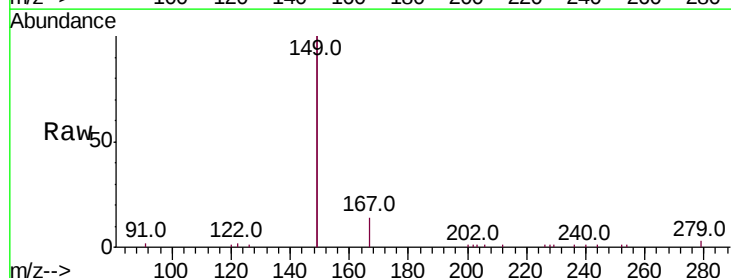
Tgt Ion:149 Resp: 16568

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.2

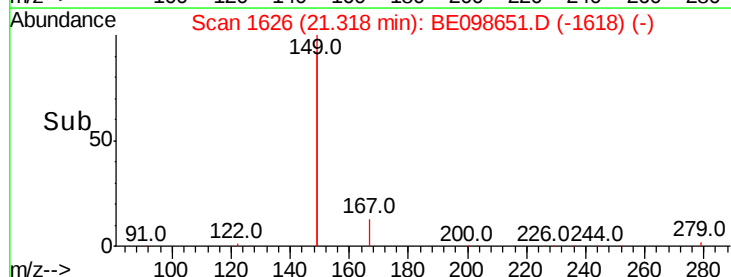
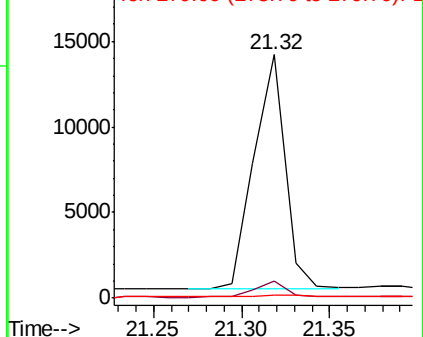
279 1.2 1.0 1.4

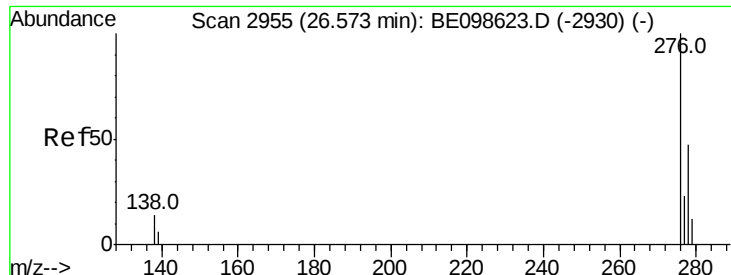


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





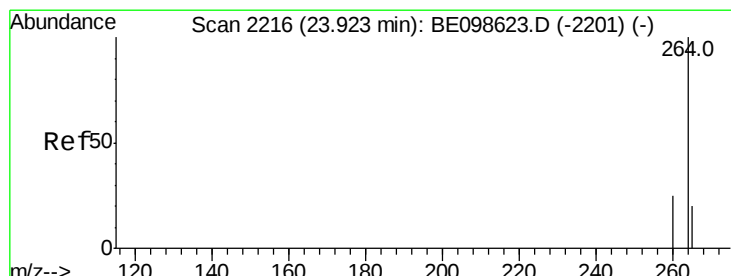
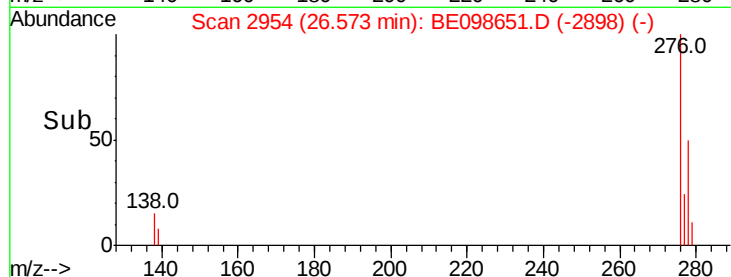
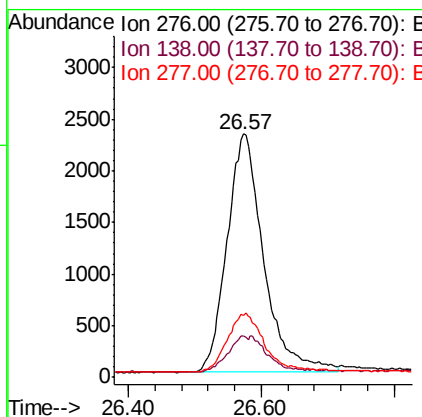
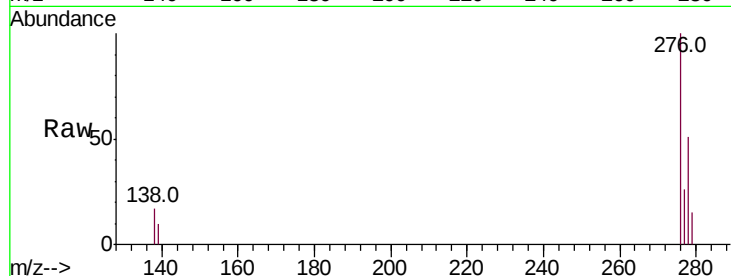
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.2	13.3	19.9#
277	24.7	19.4	29.0

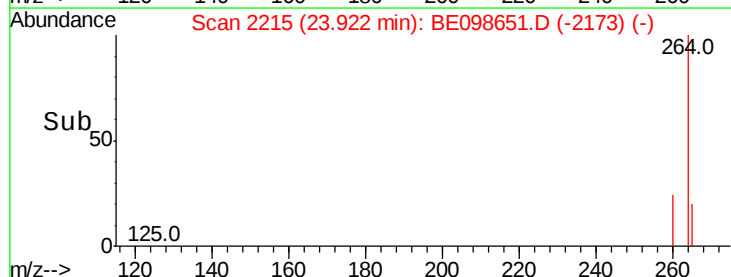
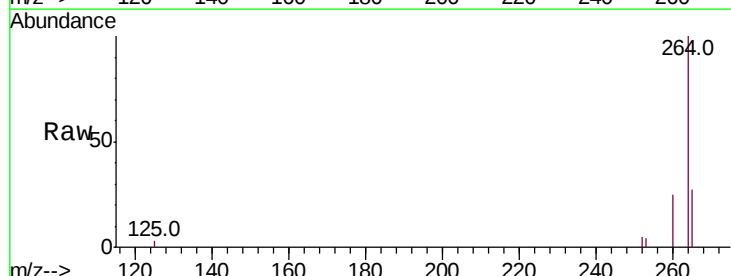
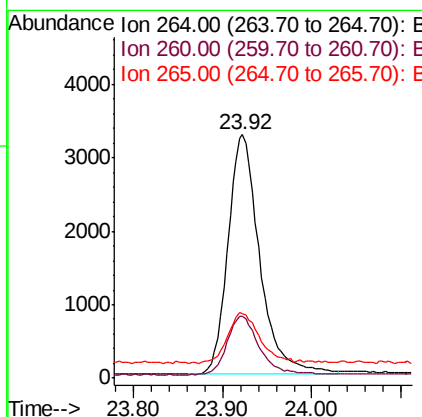
Manual Integrations
APPROVED

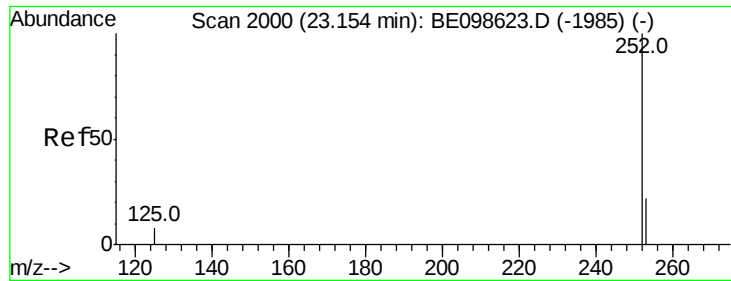
Sohil
1/18/2019 12:04:53 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	26.5	22.3	33.5





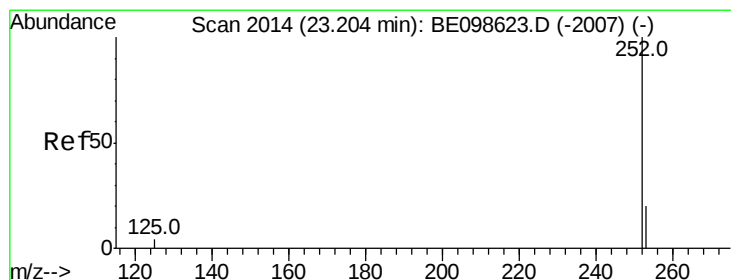
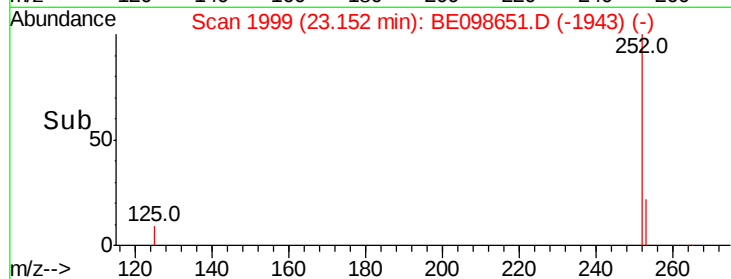
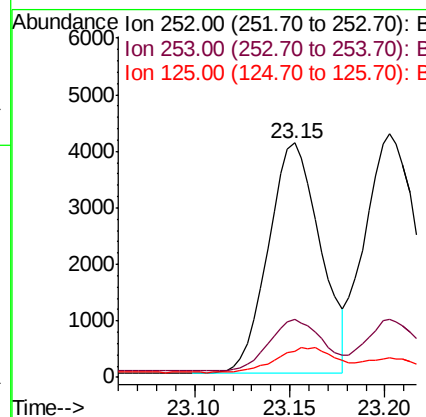
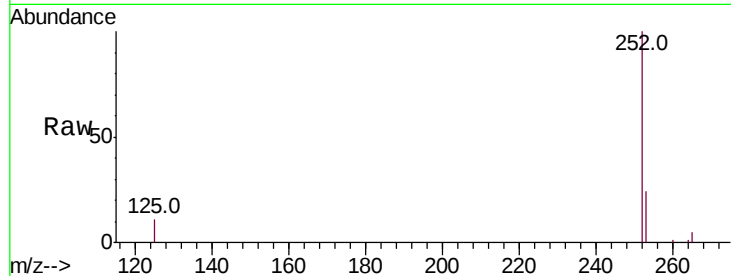
#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.15 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	11.3	8.2	12.4

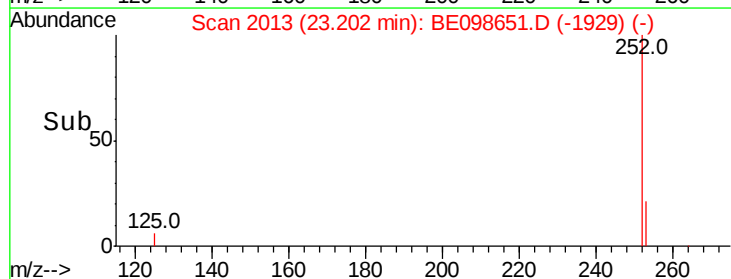
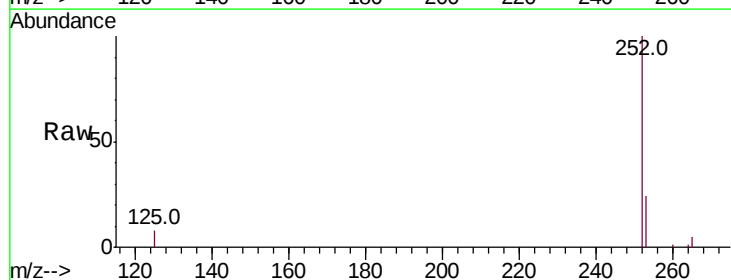
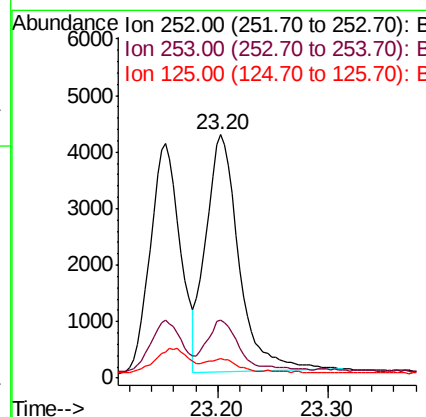
Manual Integrations
APPROVED

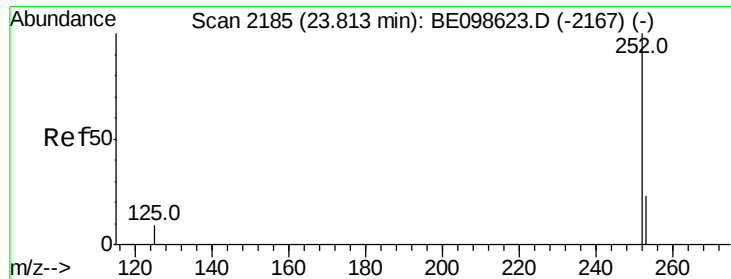
Sohil
1/18/2019 12:04:53 PM



#36
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	7.9	7.0	10.4





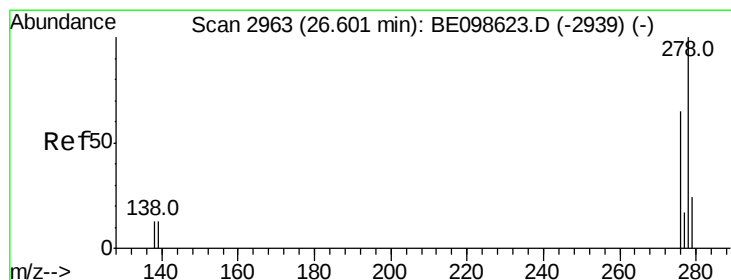
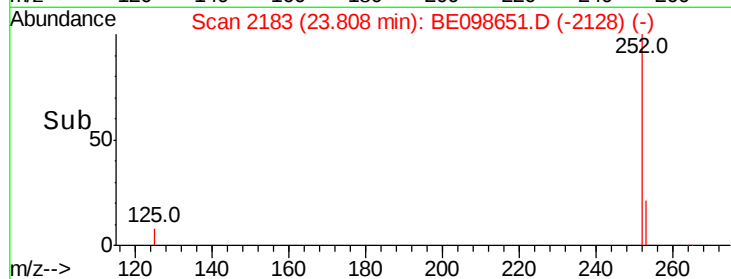
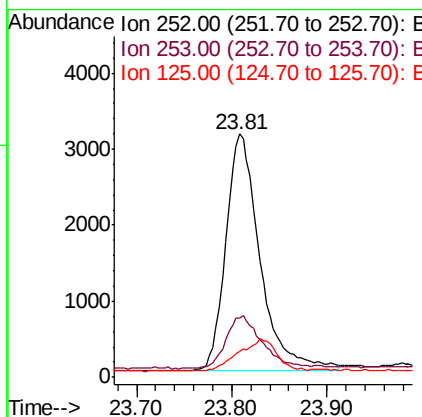
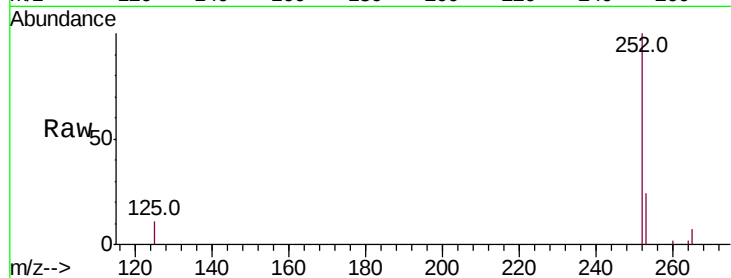
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.0	31.4
125	10.5	9.2	13.8

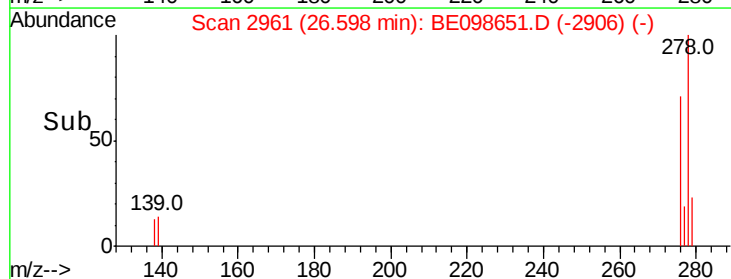
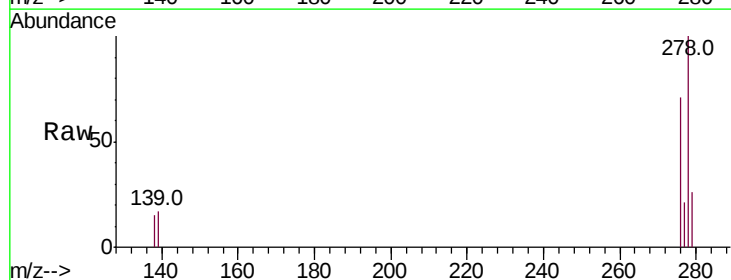
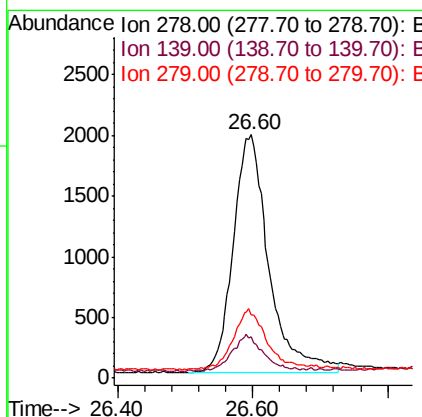
Manual Integrations
APPROVED

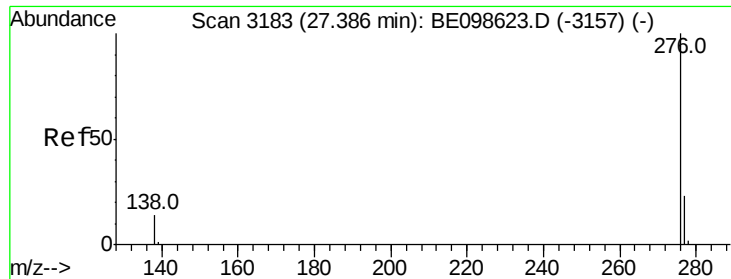
Sohil
1/18/2019 12:04:53 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BE098651.D
Acq: 17 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.7	19.1
279	26.1	22.0	33.0





#39

Benzo(a,h,i)perylene

Concen: 0.359 ng

RT: 27.38 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BE098651.D

Acq: 17 Jan 2019 16:24

Instrument :

BNA_E

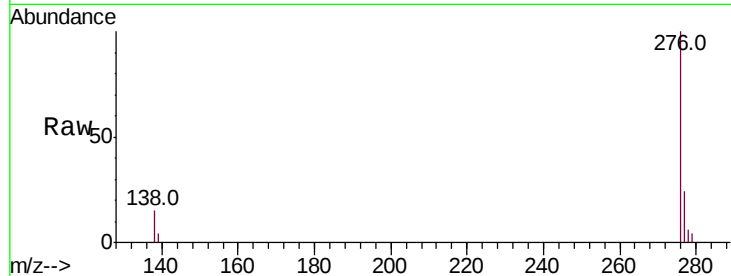
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	7619
Ion Ratio	Lower	Upper	
276	100		
277	24.4	20.3	30.5
138	15.2	13.3	19.9

Manual Integrations
APPROVED

Sohil
1/18/2019 12:04:53 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

