

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103639.D
 Acq On : 14 Mar 2018 14:38
 Operator : SJ/JU
 Sample : PB107325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM

Quant Time: Mar 14 18:19:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121289	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	531496	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238099	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	403628	20.00	ng	0.00
75) Chrysene-d12	14.06	240	219656	20.00	ng	0.00
86) Perylene-d12	15.57	264	218287	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1005956	125.44	ng	0.00
7) Phenol-d6	6.50	99	1151708	117.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	769059	82.63	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	207198	102.81	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1137174	81.45	ng	0.00
78) Terphenyl-d14	12.98	244	911949	99.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	121072	28.584	ng	92
3) Pyridine	3.54	79	316829m	28.019	ng	
4) n-Nitrosodimethylamine	3.48	42	156419m	34.299	ng	
6) Aniline	6.53	93	264883	18.703	ng	# 56
8) 2-Chlorophenol	6.65	128	324373	38.936	ng	89
9) Benzaldehyde	6.43	77	113970	16.047	ng	97
10) Phenol	6.52	94	381001	33.445	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	283247	32.760	ng	95
12) 1,3-Dichlorobenzene	6.80	146	327470	34.397	ng	99
13) 1,4-Dichlorobenzene	6.87	146	364605	38.199	ng	97
14) 1,2-Dichlorobenzene	7.02	146	304754	34.626	ng	99
15) Benzyl Alcohol	7.02	79	253691	34.308	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	522891	35.218	ng	54
17) 2-Methylphenol	7.12	107	265314	35.044	ng	# 78
18) Hexachloroethane	7.36	117	124248	35.757	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	253390	41.490	ng	97
20) 3+4-Methylphenols	7.29	107	353421	38.295	ng	# 74
22) Acetophenone	7.27	105	476895	38.441	ng	# 93
24) Nitrobenzene	7.45	77	360871	35.218	ng	92
25) Isophorone	7.68	82	682542	37.237	ng	98
26) 2-Nitrophenol	7.76	139	176086	36.504	ng	94
27) 2,4-Dimethylphenol	7.80	122	293696	39.832	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	416748	38.671	ng	98
29) 2,4-Dichlorophenol	8.02	162	264257	37.434	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	257251	34.221	ng	99
31) Naphthalene	8.16	128	962499	36.989	ng	99
32) Benzoic acid	7.95	122	49987m	14.736	ng	
33) 4-Chloroaniline	8.24	127	160102	14.258	ng	96
34) Hexachlorobutadiene	8.26	225	125450	32.047	ng	97
35) Caprolactam	8.60	113	81882	33.003	ng	# 78
36) 4-Chloro-3-methylphenol	8.71	107	303871	38.164	ng	95
37) 2-Methylnaphthalene	8.85	142	598270	35.576	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	226690	34.826	ng	99
40) Hexachlorocyclopentadiene	8.99	237	31461	21.072	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103639.D
 Acq On : 14 Mar 2018 14:38
 Operator : SJ/JU
 Sample : PB107325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

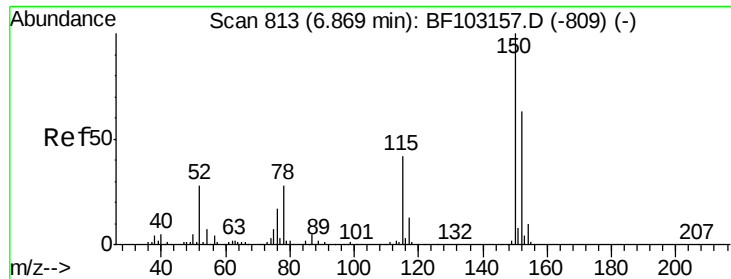
Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM

Quant Time: Mar 14 18:19:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	145957	33.325	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	154813	30.732	nq	97
45) 1,1'-Biphenyl	9.32	154	699491	35.059	nq	98
46) 2-Chloronaphthalene	9.35	162	556168	35.235	nq	99
47) 2-Nitroaniline	9.46	65	222802	38.107	nq	88
48) Acenaphthylene	9.76	152	818806	33.715	nq	99
49) Dimethylphthalate	9.62	163	634154	33.201	nq	100
50) 2,6-Dinitrotoluene	9.69	165	137637	34.338	nq #	77
51) Acenaphthene	9.93	154	477584	33.724	nq	99
52) 3-Nitroaniline	9.88	138	121297	23.852	nq	91
53) 2,4-Dinitrophenol	10.06	184	24704	24.632	nq #	1
54) Dibenzofuran	10.10	168	715912	36.827	nq	92
55) 4-Nitrophenol	10.07	139	75524	23.962	nq #	86
56) 2,4-Dinitrotoluene	10.12	165	174857	34.492	nq #	87
57) Fluorene	10.45	166	565666	34.158	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	107455	31.754	nq #	95
59) Diethylphthalate	10.31	149	643683	35.235	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	255625	36.400	nq	97
61) 4-Nitroaniline	10.50	138	156077	30.727	nq	98
62) Azobenzene	10.60	77	703774	37.848	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	26253	14.534	nq #	67
65) n-Nitrosodiphenylamine	10.56	169	498275	35.455	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	144308	34.321	nq	98
67) Hexachlorobenzene	11.00	284	147621	32.347	nq	95
68) Atrazine	11.09	200	149711	35.442	nq	98
69) Pentachlorophenol	11.22	266	67375	30.533	nq	96
70) Phenanthrene	11.42	178	750606	33.791	nq	98
71) Anthracene	11.47	178	840532	36.901	nq	99
72) Carbazole	11.64	167	798059	35.183	nq	99
73) Di-n-butylphthalate	11.94	149	1016576	35.816	nq	99
74) Fluoranthene	12.62	202	728103	32.619	nq	99
76) Benzidine	12.75	184	335525	40.858	nq	97
77) Pyrene	12.85	202	705164	41.176	nq	99
79) Butylbenzylphthalate	13.45	149	387642	42.842	nq	96
80) Benzo(a)anthracene	14.04	228	492370	34.547	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	124875	24.551	nq	96
82) Chrysene	14.09	228	495709	35.821	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	490901	40.204	nq	99
84) Di-n-octyl phthalate	14.62	149	756472	38.345	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	501450	45.771	nq	98
87) Benzo(b)fluoranthene	15.12	252	425551m	29.651	nq	
88) Benzo(k)fluoranthene	15.15	252	468816	34.689	nq	98
89) Benzo(a)pyrene	15.51	252	446490	34.837	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	425119	42.926	nq	98
91) Benzo(g,h,i)perylene	17.59	276	429226	44.346	nq	97

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



#1

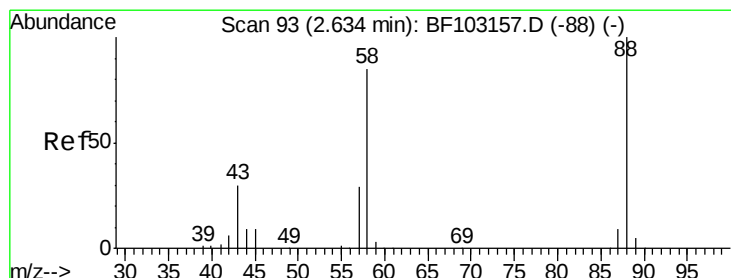
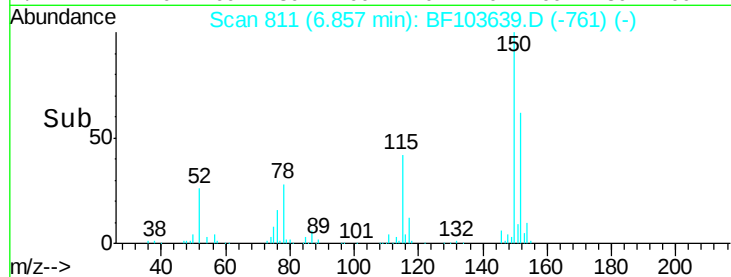
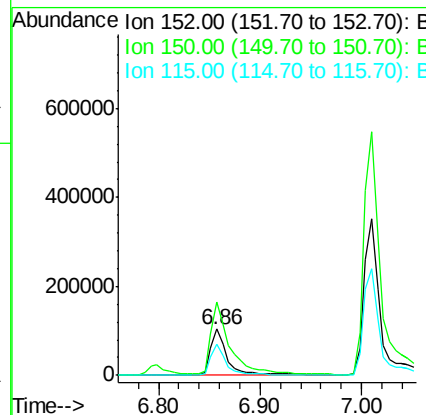
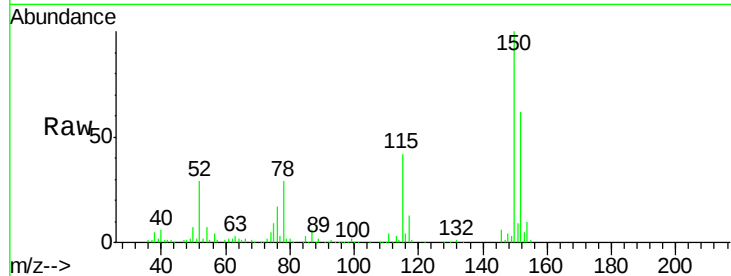
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	66.9	50.1	75.1

Manual Integrations
APPROVED

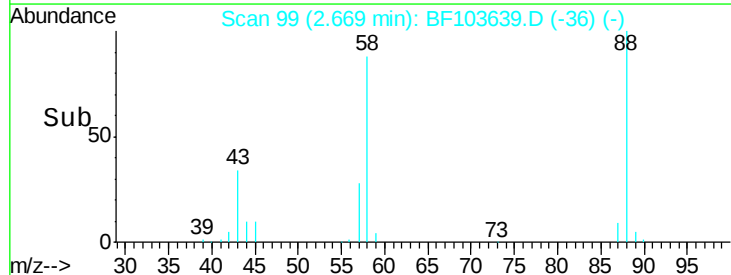
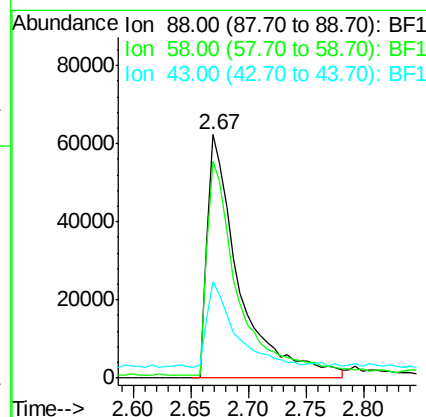
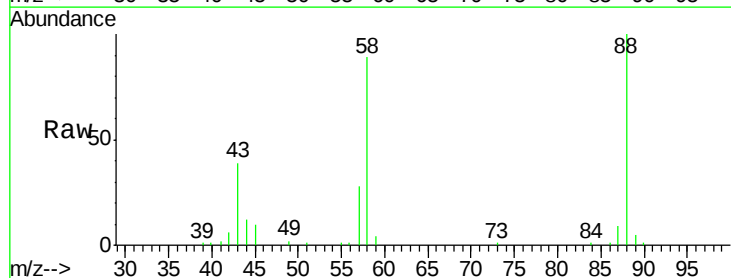
Sohil
3/15/2018 6:57:00 PM

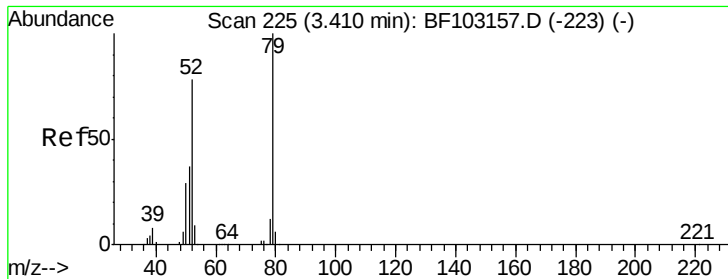


#2

1,4-Dioxane
Concen: 28.584 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.07 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	62.6	93.8
43	31.7	24.6	37.0





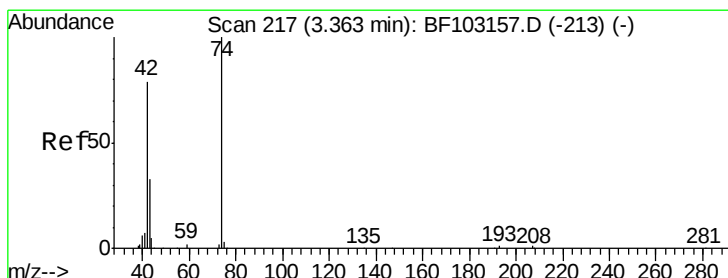
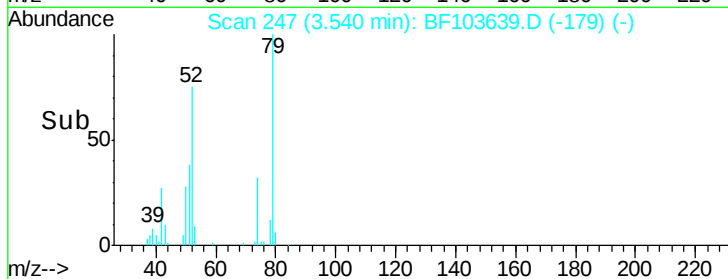
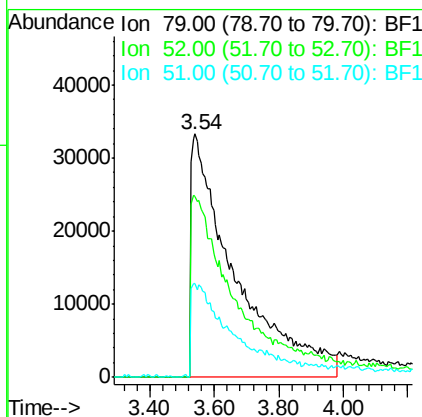
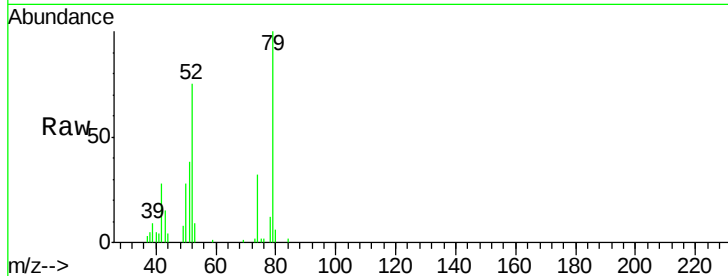
#3
 Pvridine
 Concen: 28.019 ng m
 RT: 3.54 min Scan# 247
 Delta R.T. 0.10 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.5	59.8	89.6
51	38.4	29.8	44.8

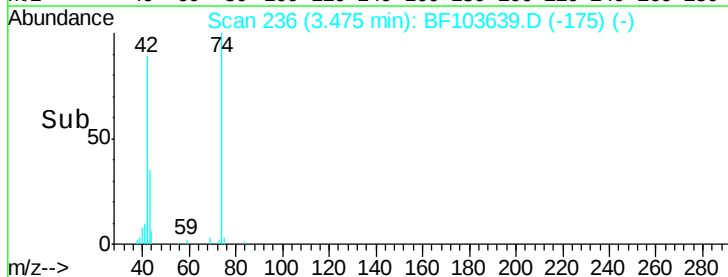
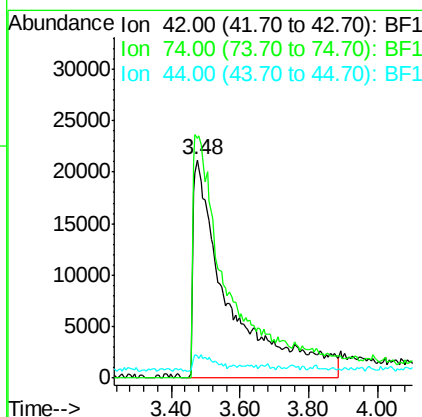
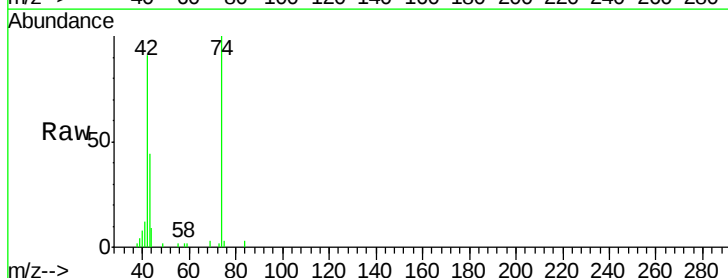
Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.299 ng m
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.5	104.9	157.3
44	10.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 125.439 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107325BS

Tot Ion: 112 Resp: 1005956

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

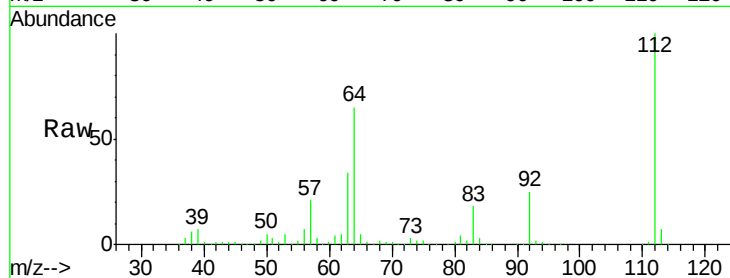
63 34.1 23.7 35.5

Manual Integrations

APPROVED

Sohil

3/15/2018 6:57:00 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.49

400000

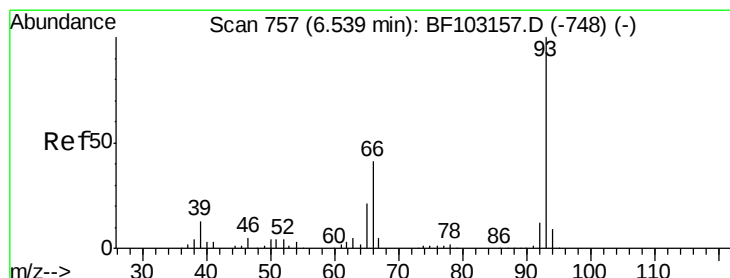
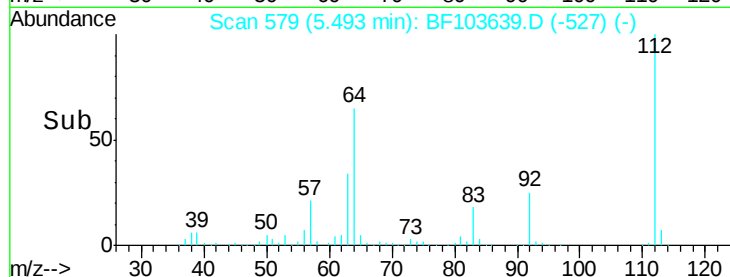
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 18.703 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

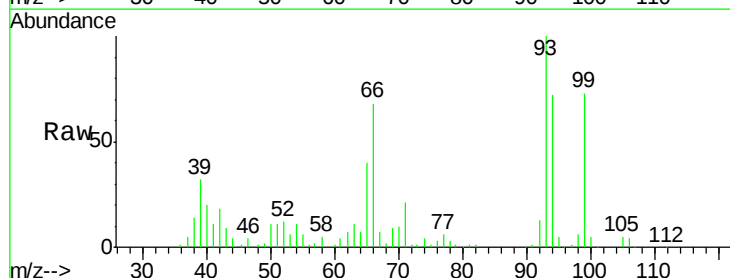
Tgt Ion: 93 Resp: 264883

Ion Ratio Lower Upper

93 100

66 68.2 32.2 48.2#

65 40.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.53

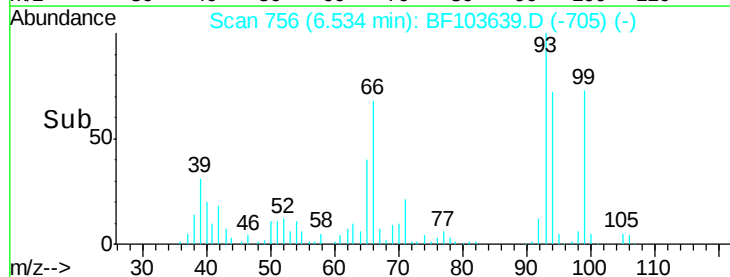
300000

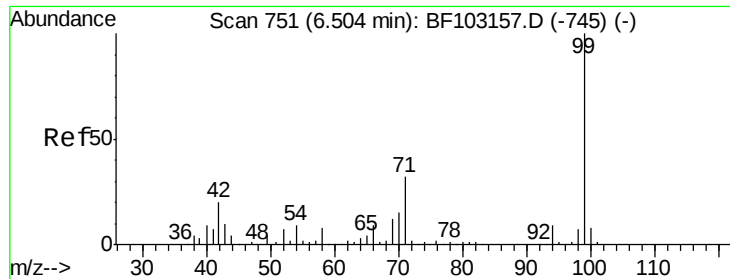
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 117.365 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

PB107325BS

Tot Ion: 99 Resp: 1151708

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

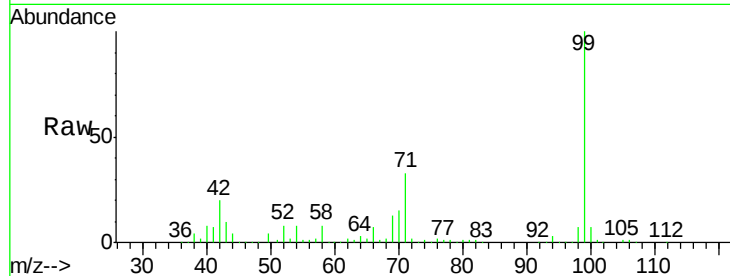
71 32.7 25.4 38.0

Manual Integrations

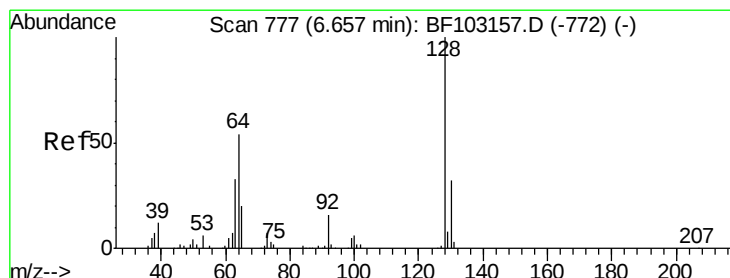
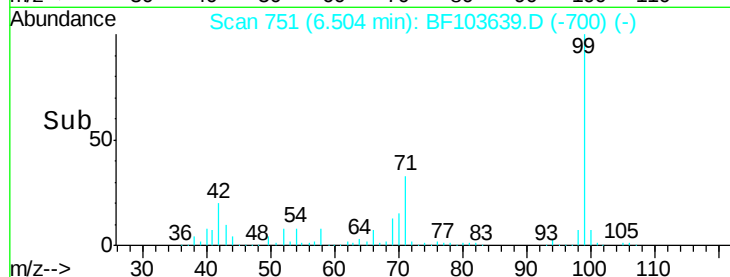
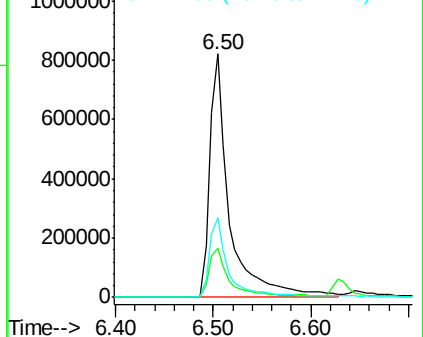
APPROVED

Sohil

3/15/2018 6:57:00 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.936 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

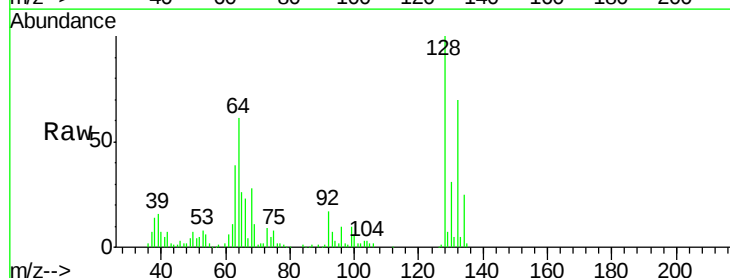
Tgt Ion:128 Resp: 324373

Ion Ratio Lower Upper

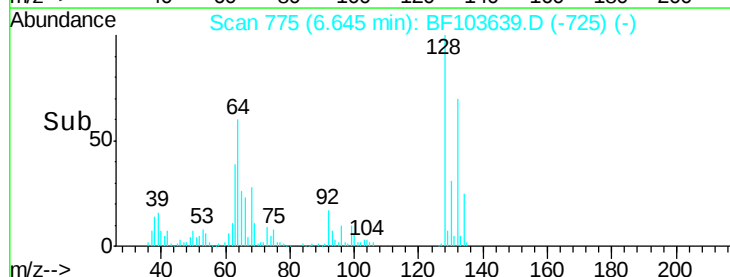
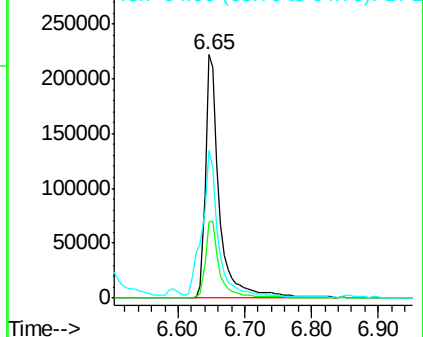
128 100

130 31.2 13.0 53.0

64 60.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.047 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

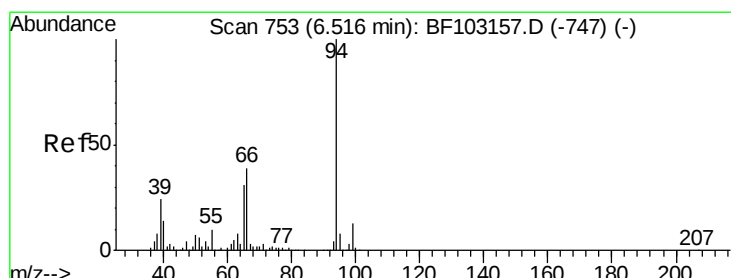
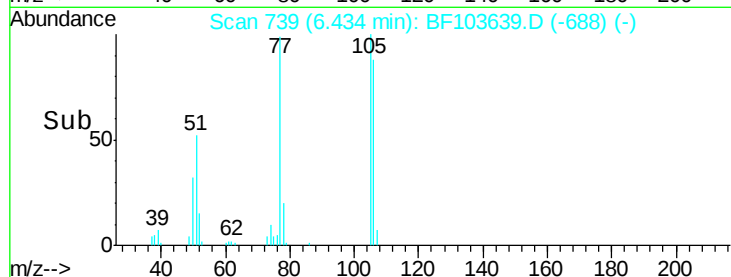
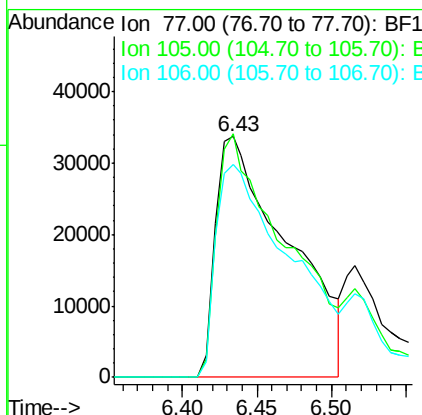
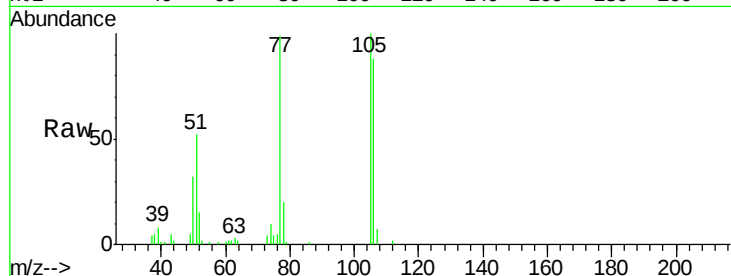
ClientSampleId :

PB107325BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.0	81.1	121.1
106	88.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#10

Phenol

Concen: 33.445 ng

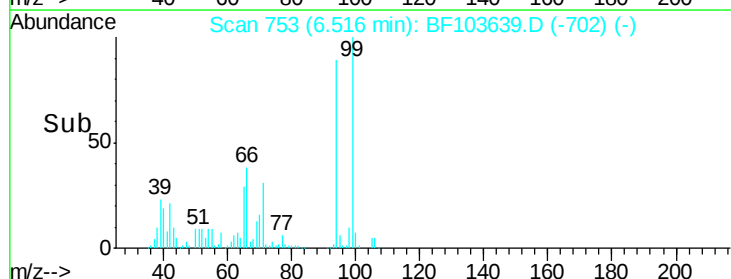
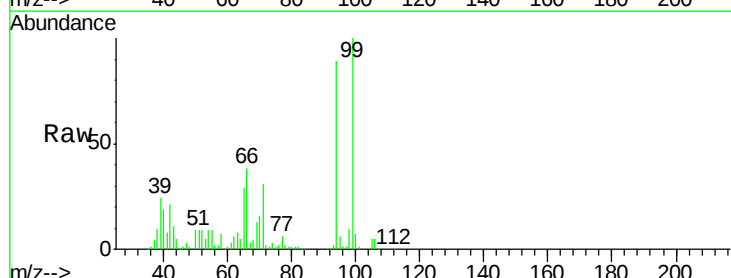
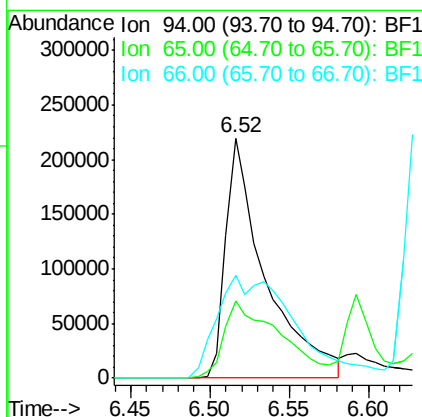
RT: 6.52 min Scan# 753

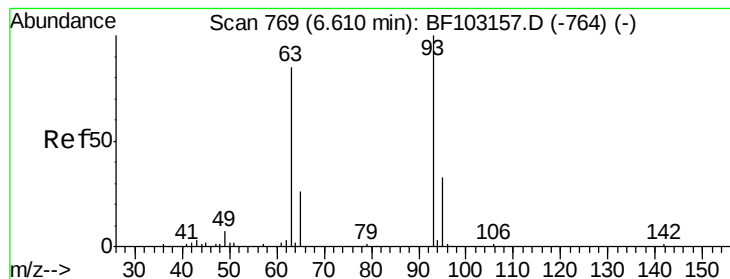
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	42.8	16.2	56.2





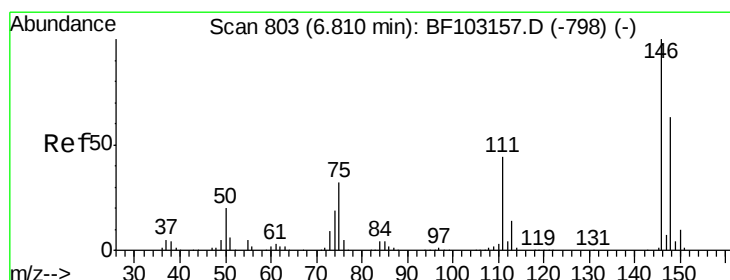
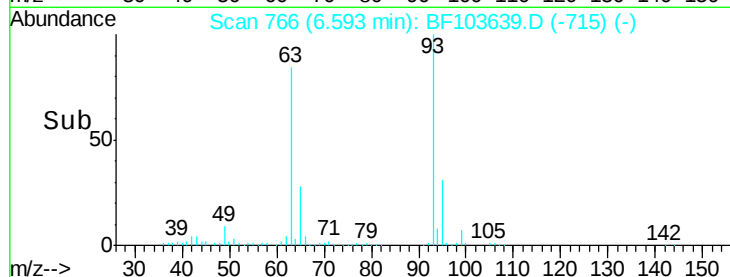
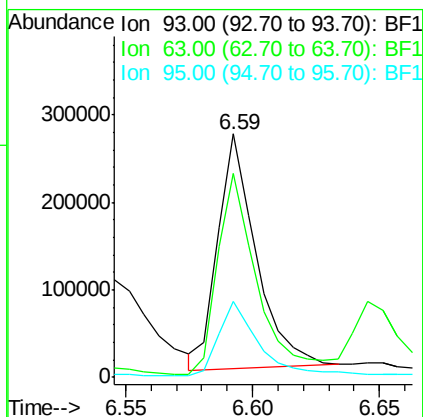
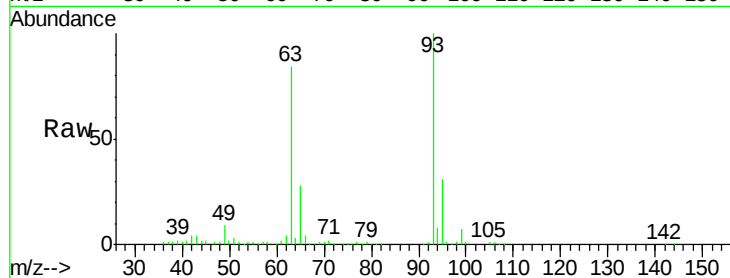
#11
bis(2-Chloroethyl)ether
Concen: 32.760 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	58.6	98.6
95	31.1	11.8	51.8

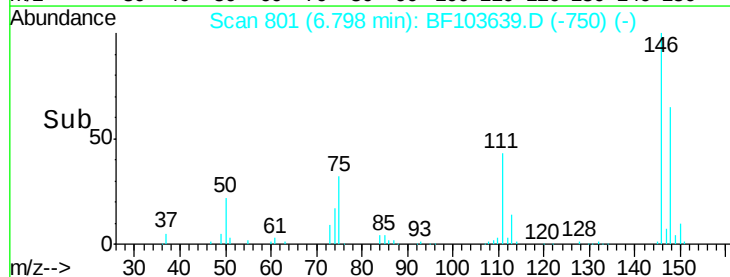
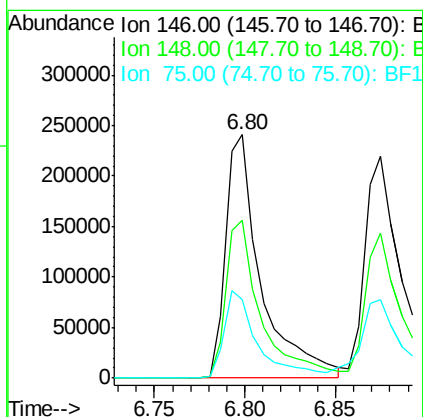
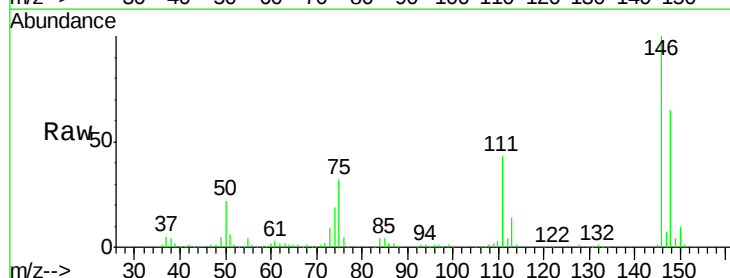
Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#12
1,3-Dichlorobenzene
Concen: 34.397 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	32.4	24.2	36.4





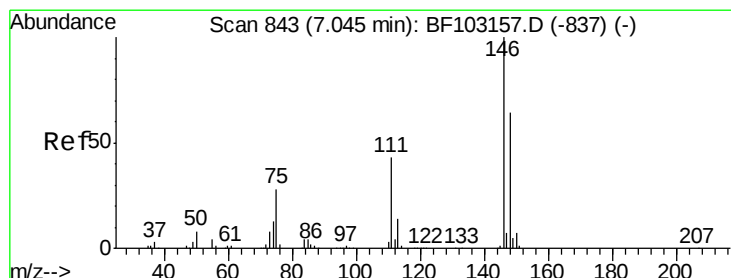
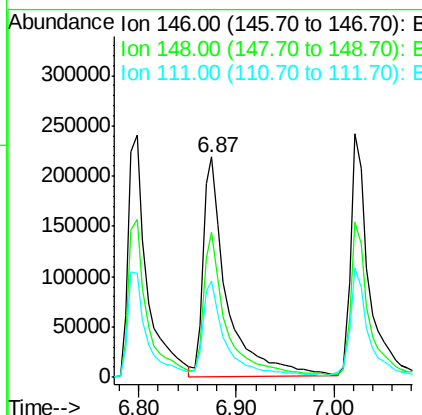
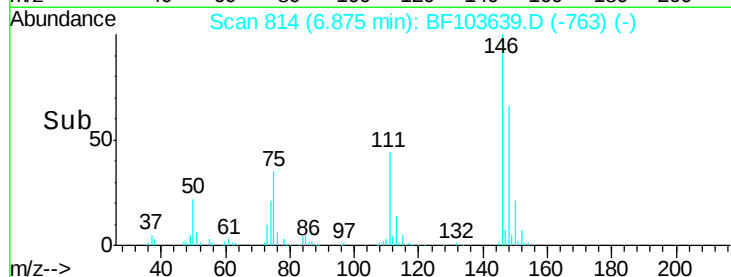
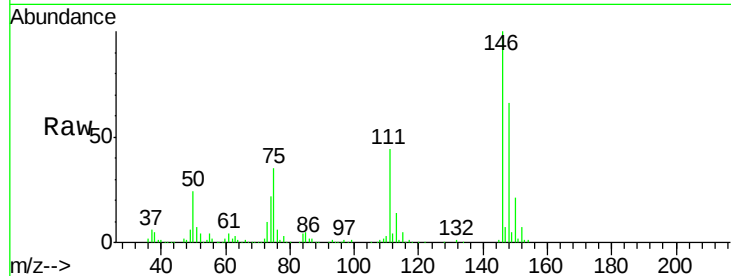
#13
1,4-Dichlorobenzene
Concen: 38.199 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.8	76.2
111	44.0	34.2	51.2

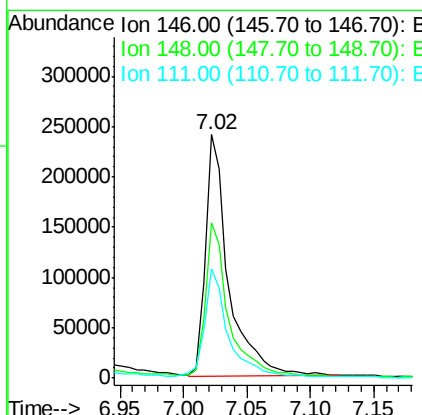
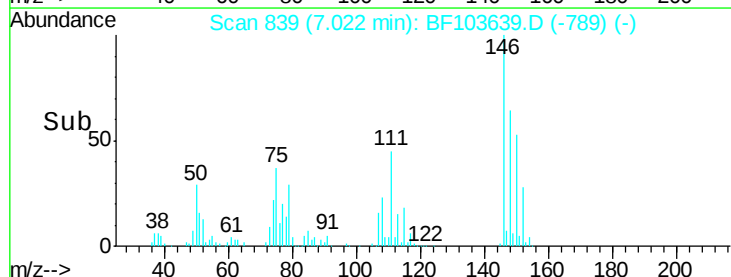
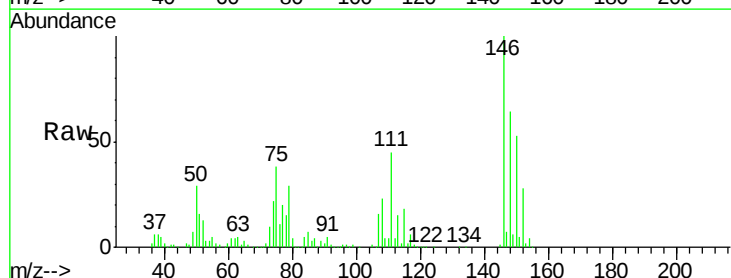
Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#14
1,2-Dichlorobenzene
Concen: 34.626 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	45.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.308 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

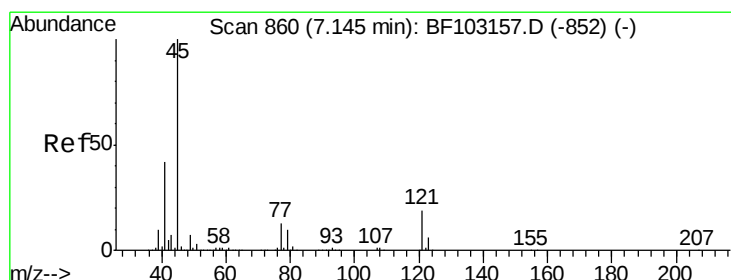
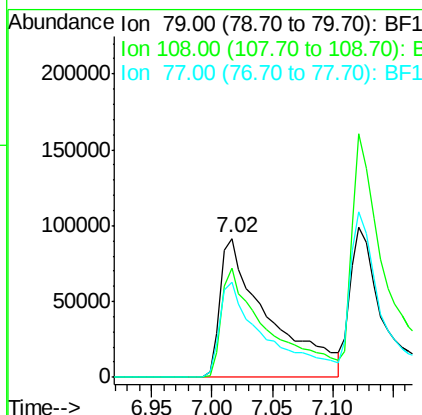
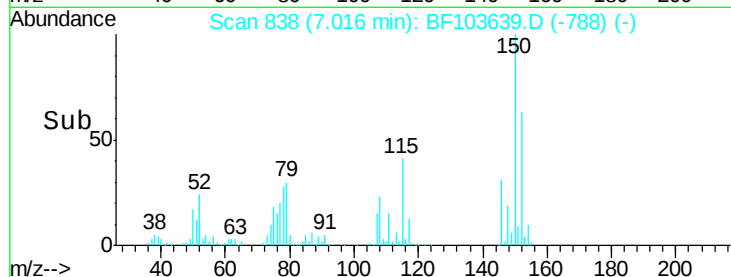
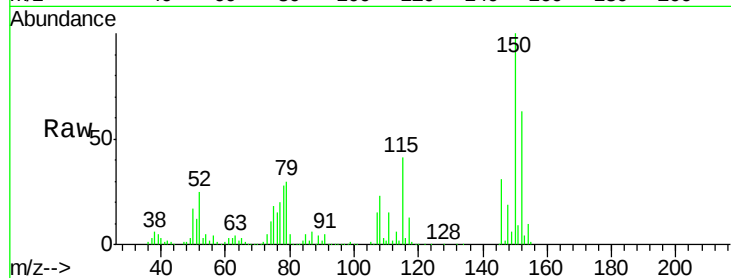
ClientSampled :

PB107325BS

Tot Ion:	79	Resp:	253691
Ion Ratio	Lower	Upper	
79	100		
108	78.5	65.1	97.7
77	68.5	50.6	75.8

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.218 ng

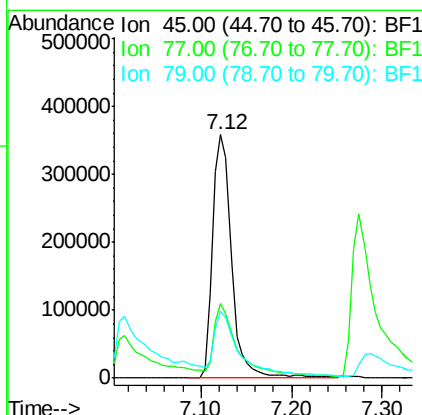
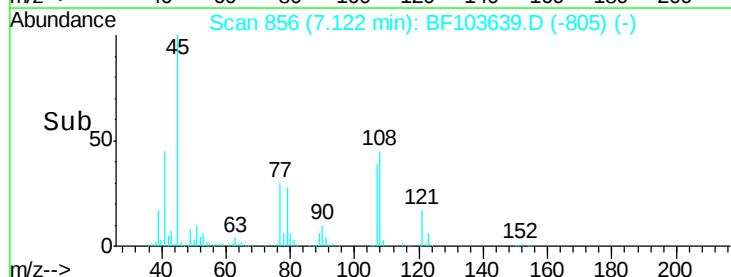
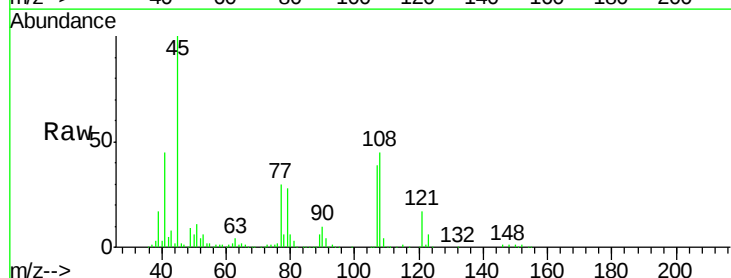
RT: 7.12 min Scan# 856

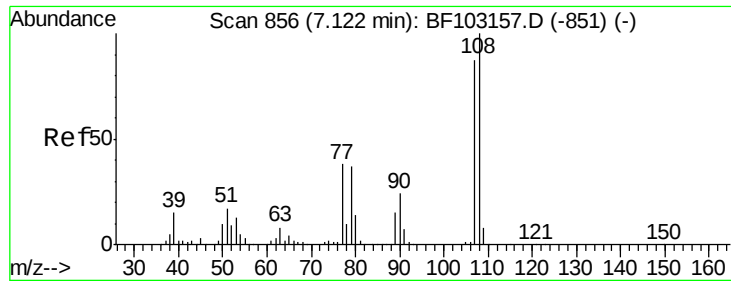
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	45	Resp:	522891
Ion Ratio	Lower	Upper	
45	100		
77	30.4	0.0	32.9
79	27.6	0.0	29.6





#17

2-Methylphenol

Concen: 35.044 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

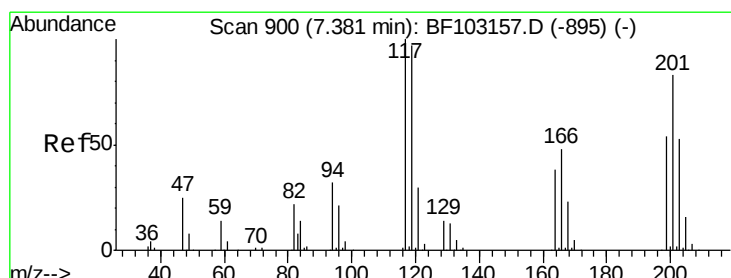
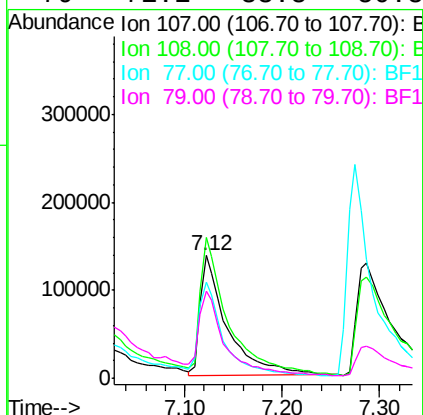
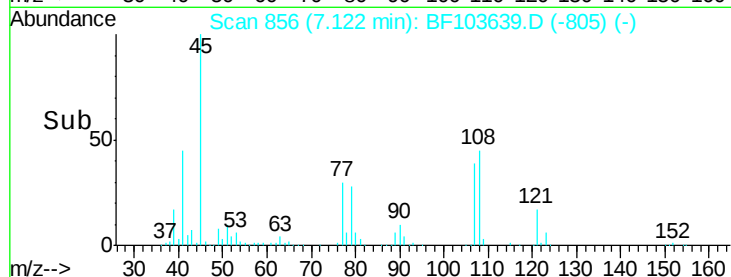
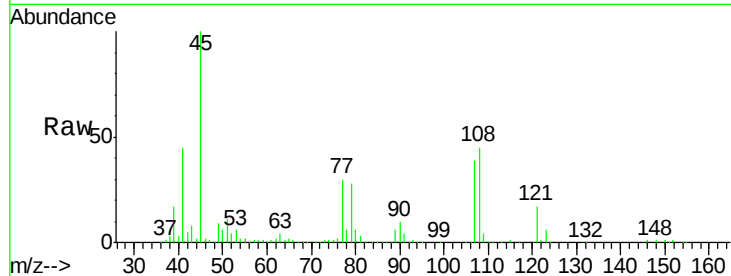
ClientSampleId :

PB107325BS

Tot Ion:	107	Resp:	265314
Ion Ratio	Lower	Upper	
107	100		
108	115.4	91.7	137.5
77	78.4	33.8	50.8#
79	71.1	33.8	50.8#

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#18

Hexachloroethane

Concen: 35.757 ng

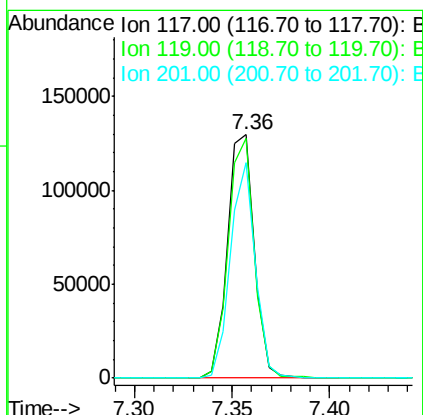
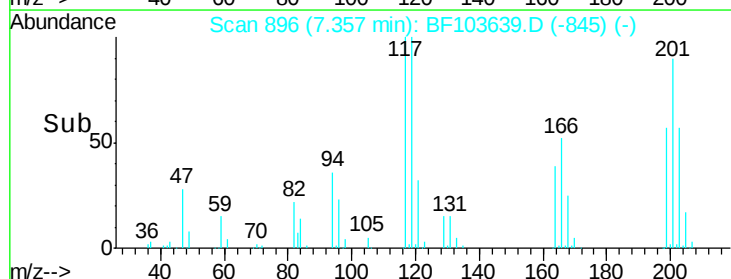
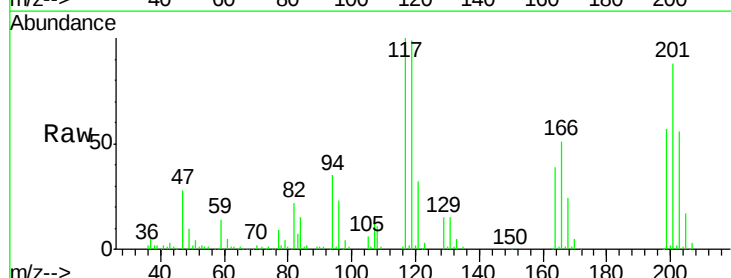
RT: 7.36 min Scan# 896

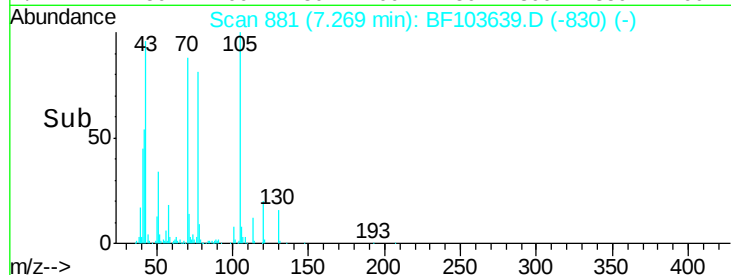
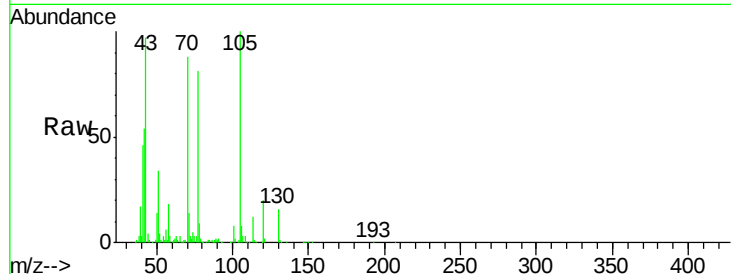
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	117	Resp:	124248
Ion Ratio	Lower	Upper	
117	100		
119	98.5	75.8	113.8
201	88.3	75.7	113.5





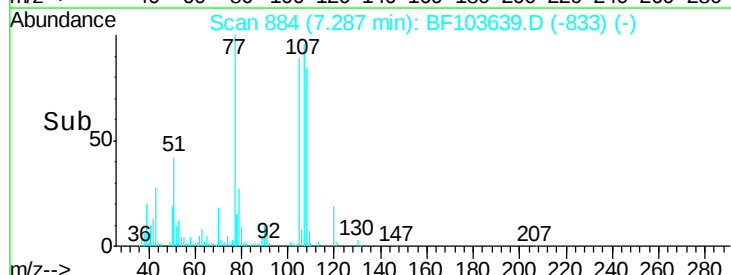
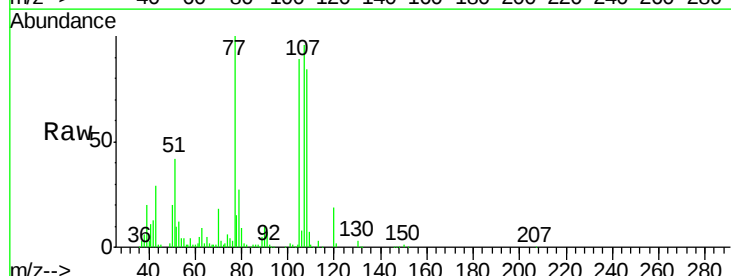
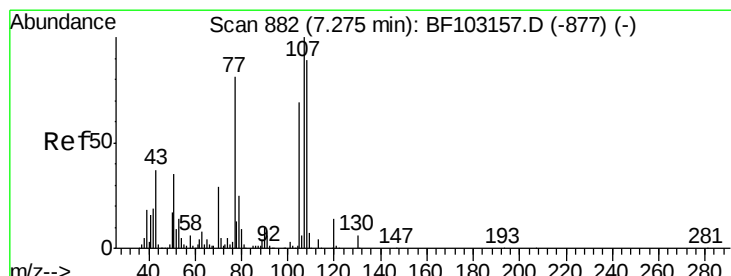
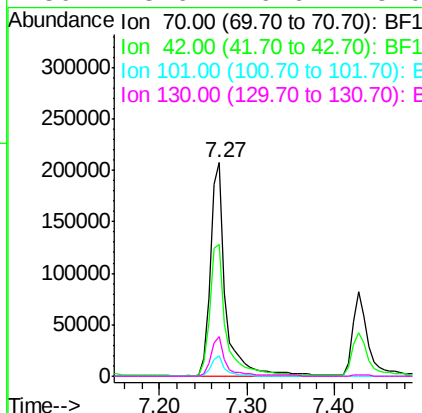
#19
n-Nitroso-di-n-propylamine
Concen: 41.490 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.5	71.3
101	9.3	7.4	11.2
130	18.6	16.6	25.0

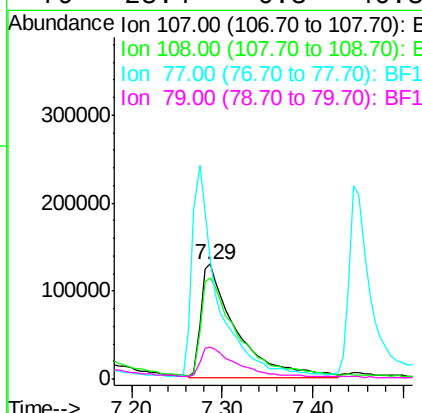
Manual Integrations
APPROVED

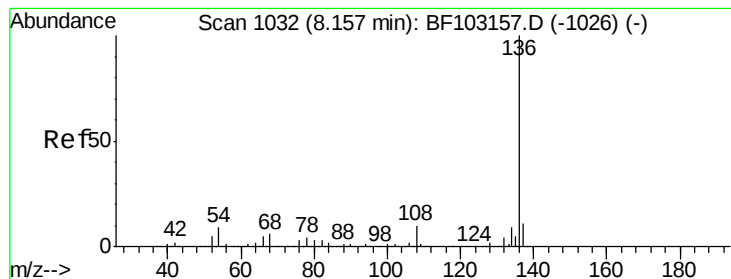
Sohil
3/15/2018 6:57:00 PM



#20
3+4-Methylphenols
Concen: 38.295 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	103.8	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

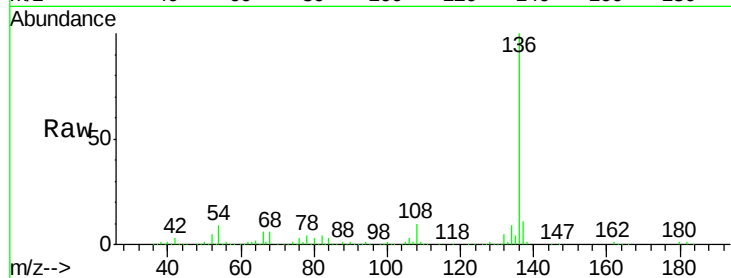
ClientSampleId :

PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531496		
137	11.2	8.9	13.3	
54	9.2	6.6	9.8	
68	6.1	5.0	7.4	

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM

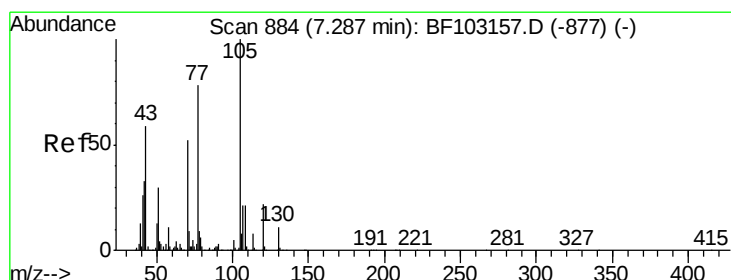
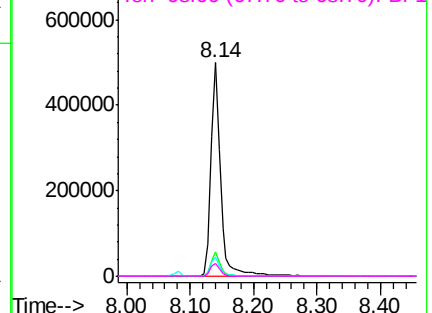
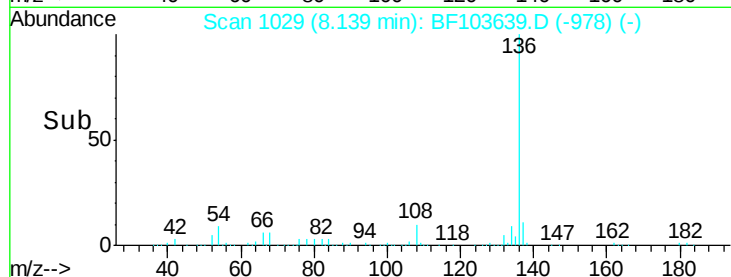


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.441 ng

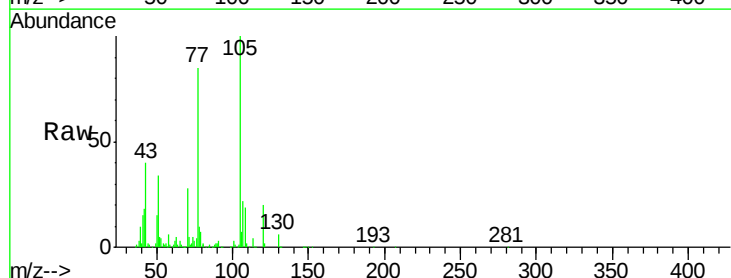
RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	476895		
71	4.7	4.4	6.6	
51	33.9	22.3	33.5#	
120	20.3	16.9	25.3	

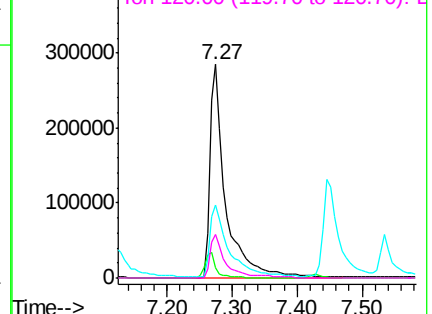
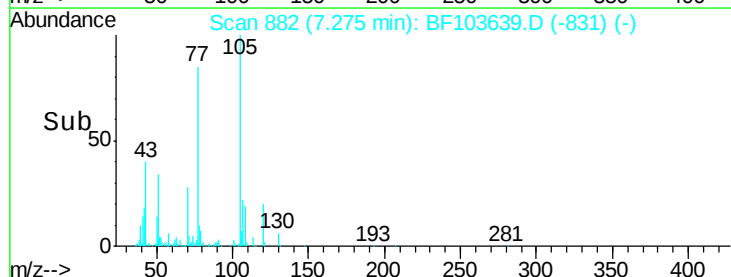


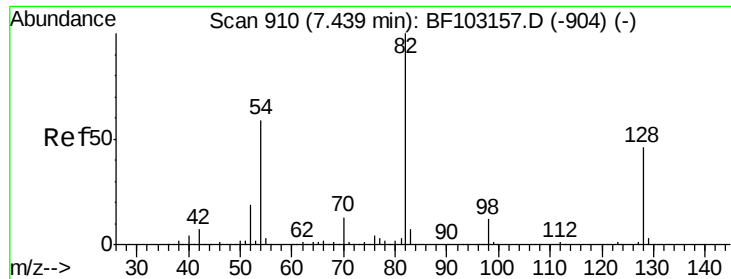
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





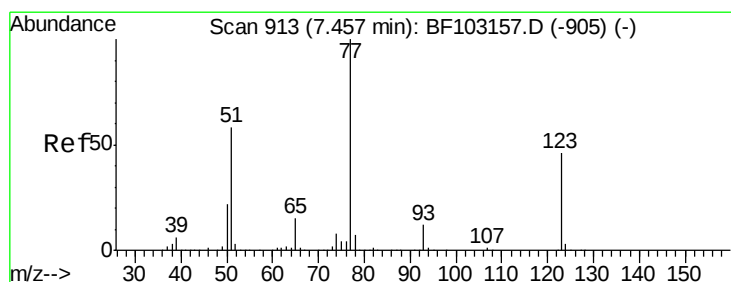
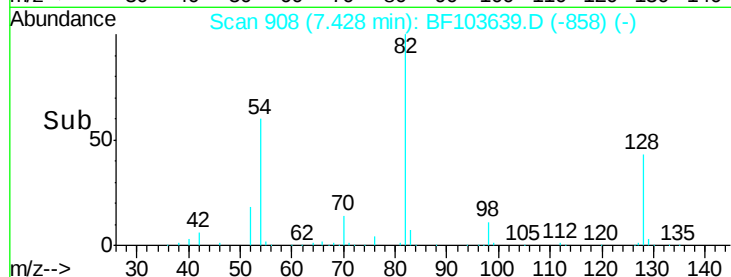
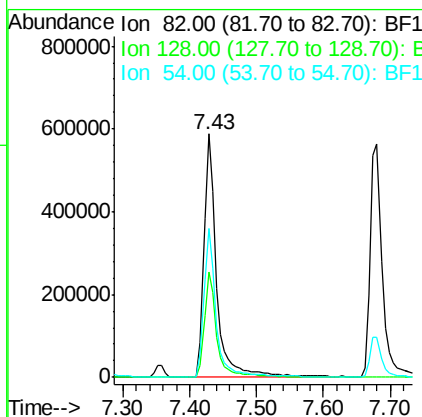
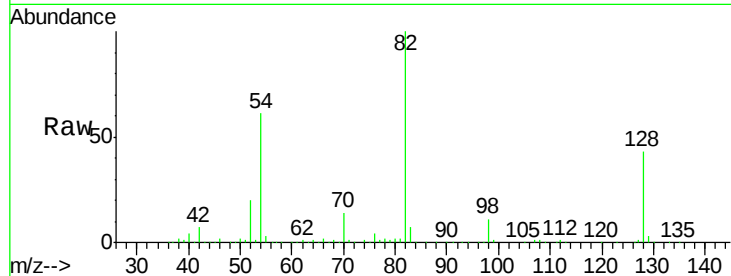
#23
Nitrobenzene-d5
Concen: 82.634 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	769059		
128	43.0		36.1	54.1
54	61.0		41.4	62.2

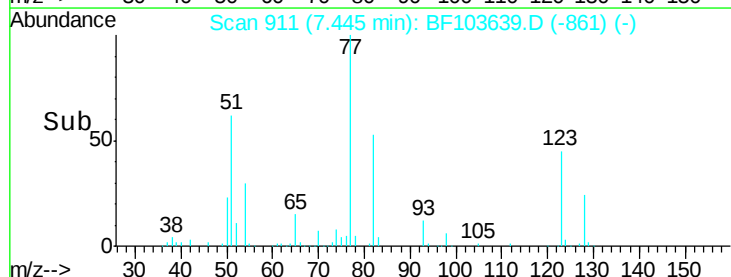
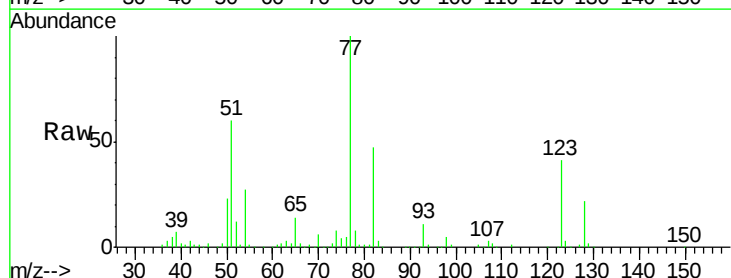
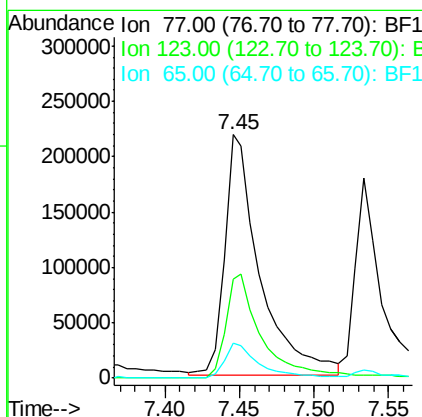
Manual Integrations
APPROVED

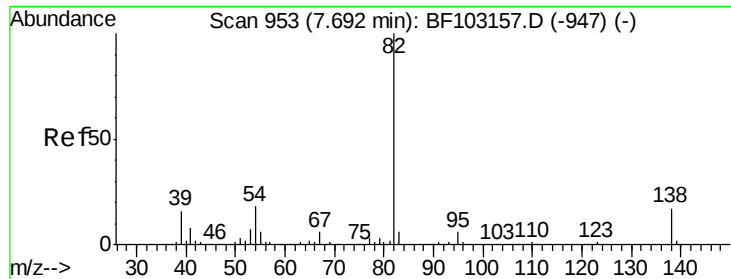
Sohil
3/15/2018 6:57:00 PM



#24
Nitrobenzene
Concen: 35.218 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	360871		
123	40.9		37.9	56.9
65	14.2		11.0	16.4





#25

Isophorone

Concen: 37.237 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

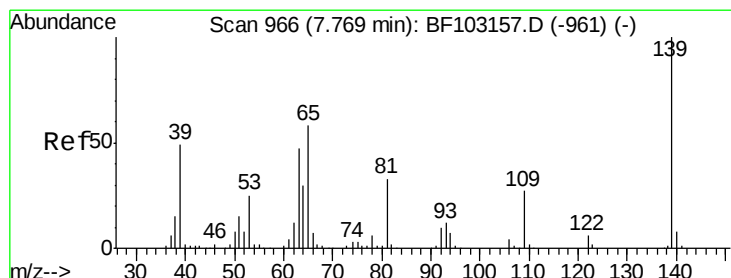
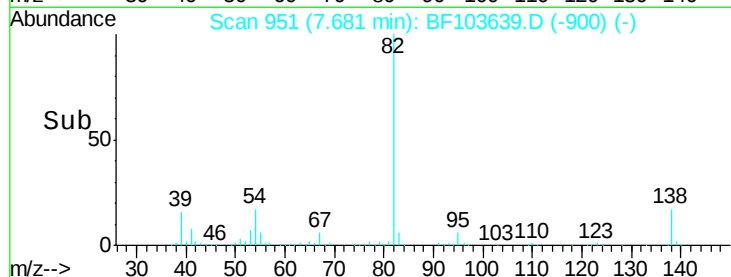
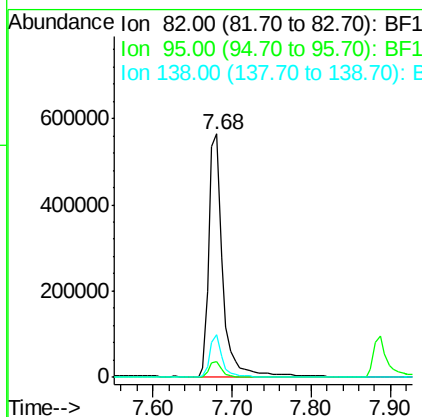
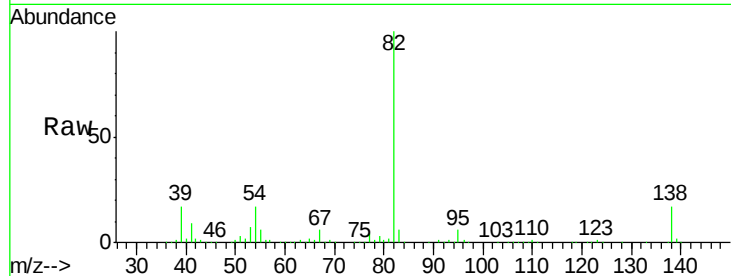
ClientSampleId :

PB107325BS

Tot Ion:	82	Resp:	682542
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#26

2-Nitrophenol

Concen: 36.504 ng

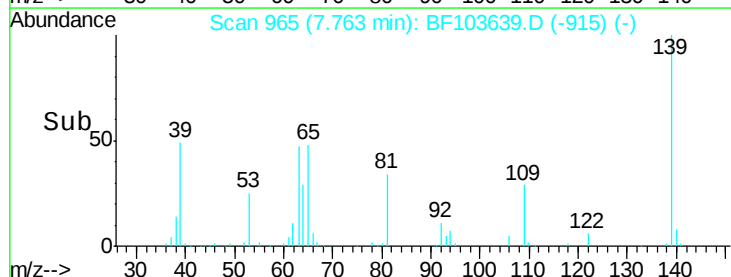
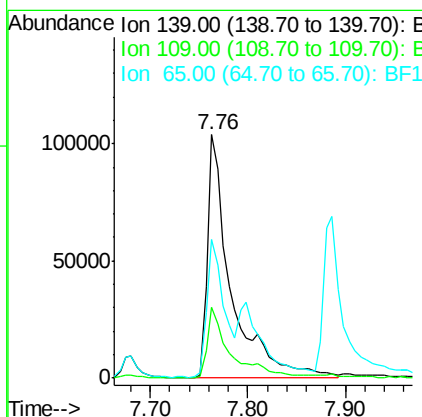
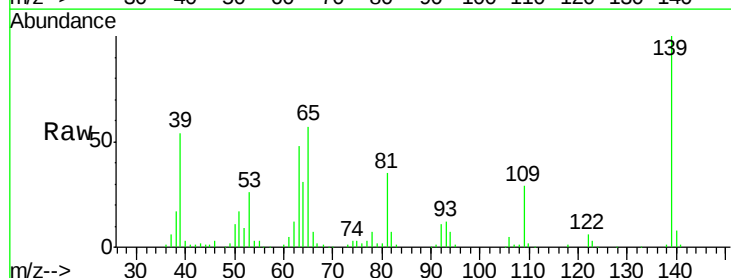
RT: 7.76 min Scan# 965

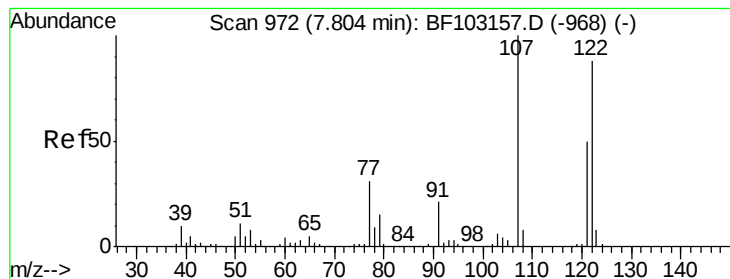
Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	139	Resp:	176086
Ion Ratio	Lower	Upper	
139	100		
109	29.0	22.7	34.1
65	56.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.832 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

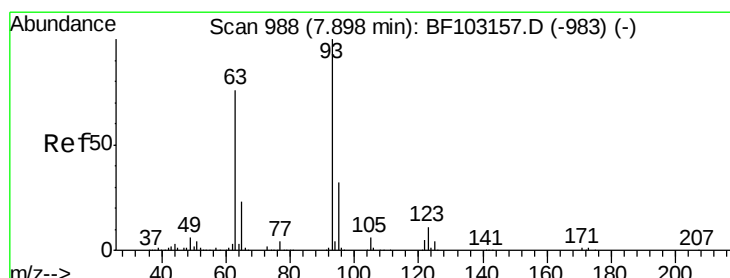
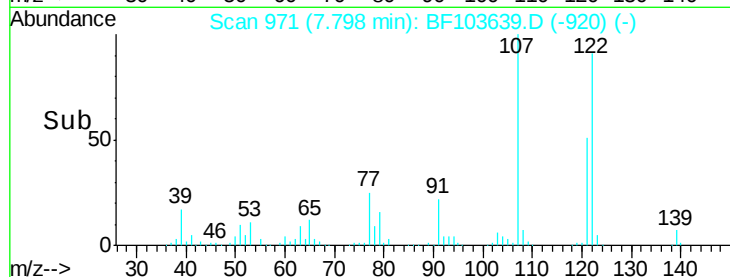
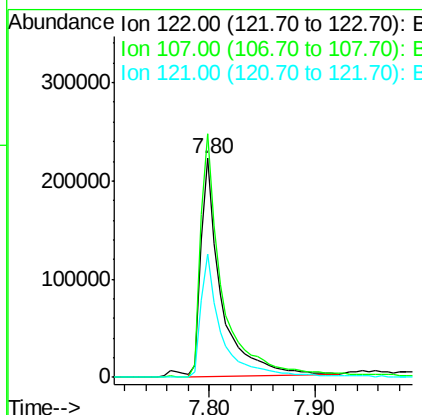
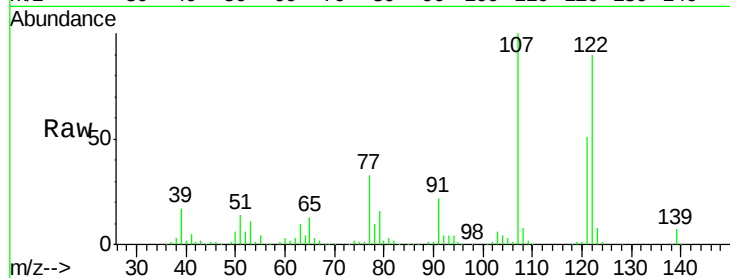
ClientSampleId :

PB107325BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	91.2	136.8
121	56.4	47.2	70.8

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.671 ng

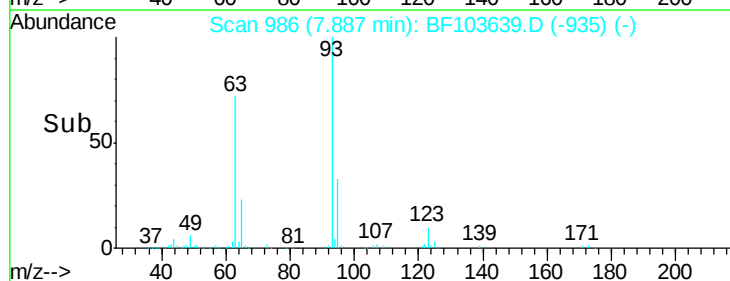
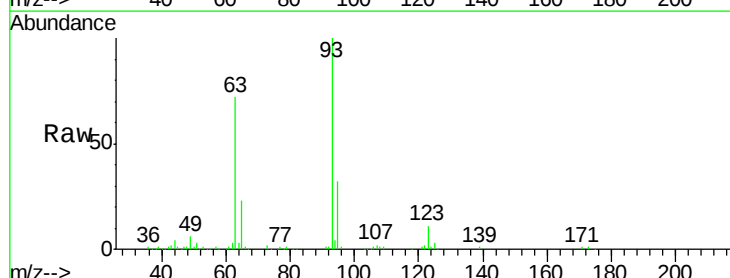
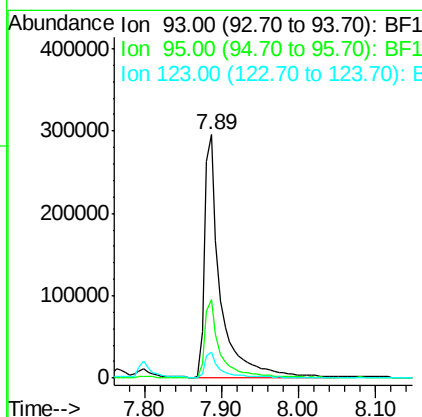
RT: 7.89 min Scan# 986

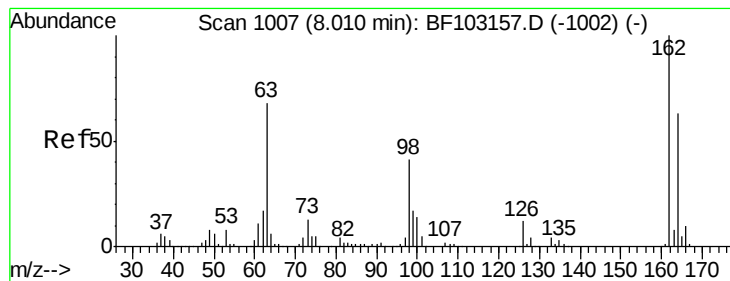
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 37.434 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

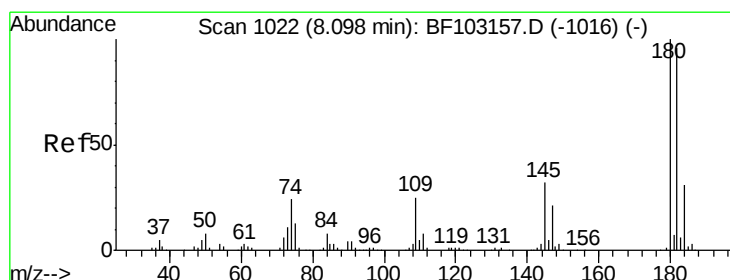
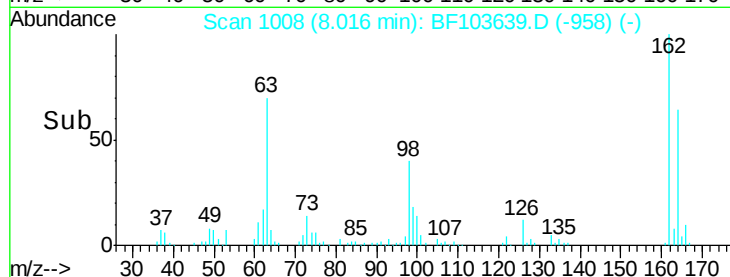
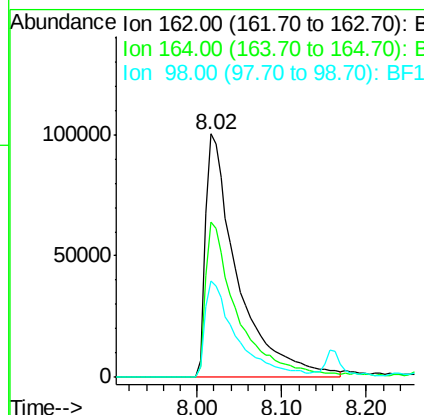
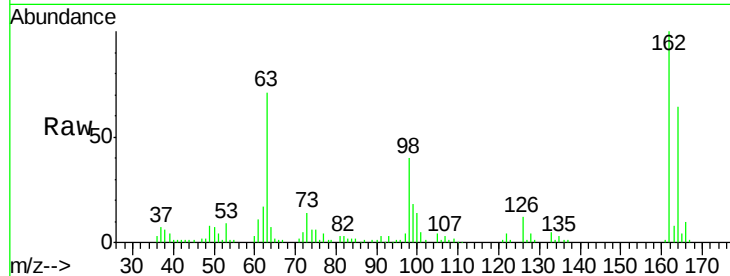
ClientSampled :

PB107325BS

Tot Ion:	162	Resp:	264257
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	39.5	18.1	58.1

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#30

1,2,4-Trichlorobenzene

Concen: 34.221 ng

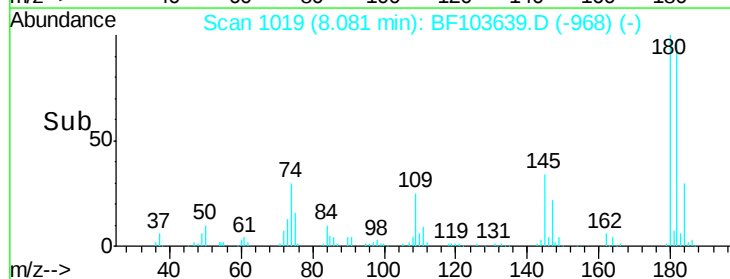
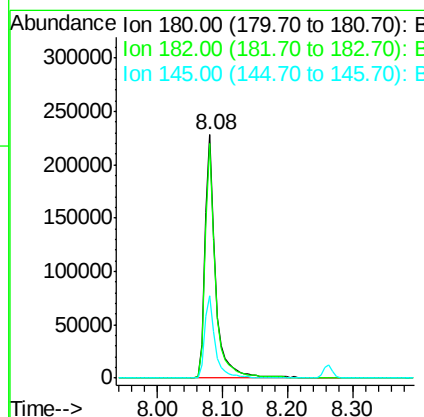
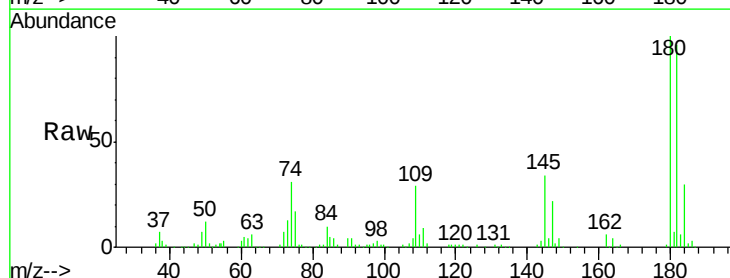
RT: 8.08 min Scan# 1019

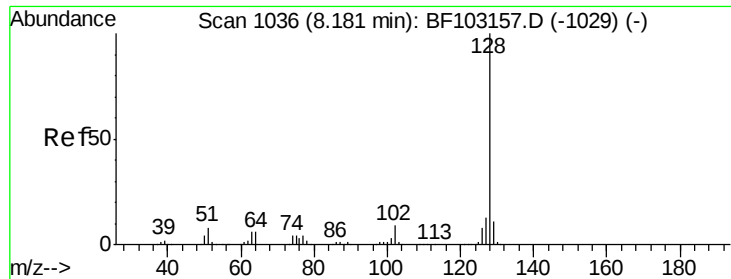
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	180	Resp:	257251
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.8	115.2
145	33.7	26.5	39.7





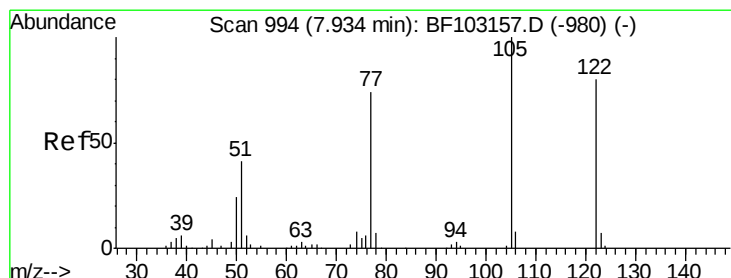
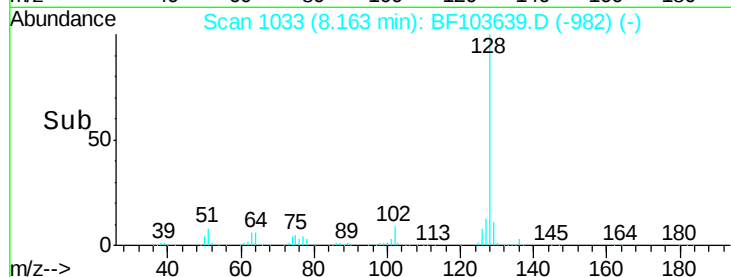
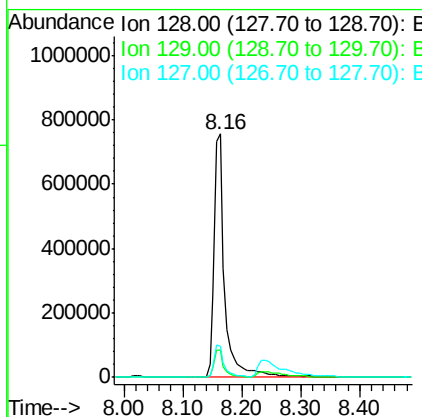
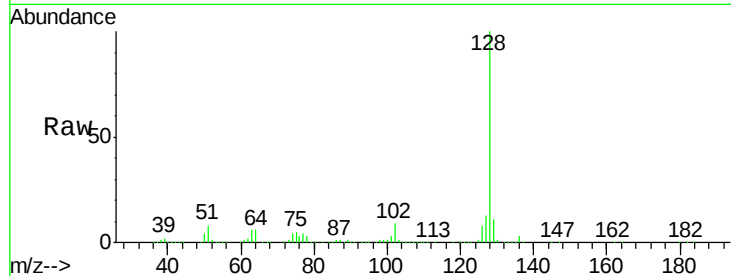
#31
Naphthalene
Concen: 36.989 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.9	16.3

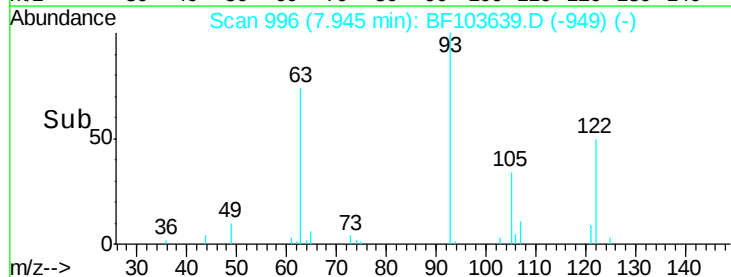
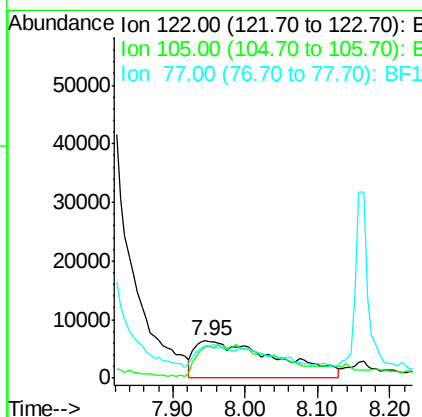
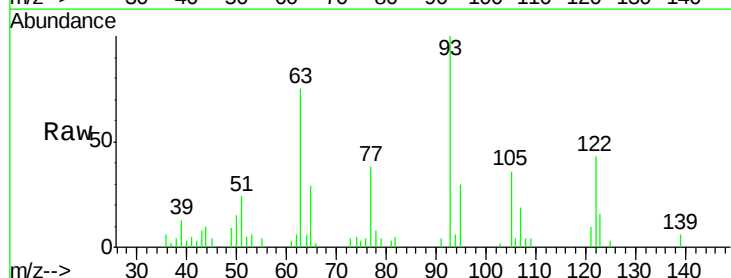
Manual Integrations
APPROVED

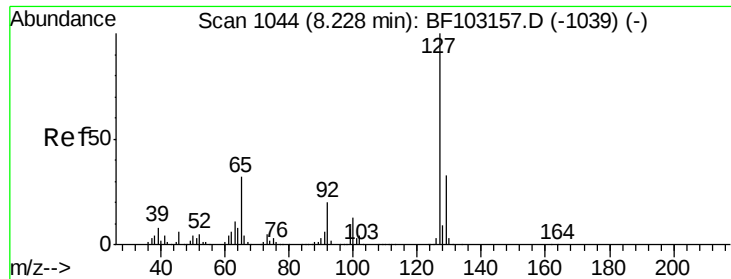
Sohil
3/15/2018 6:57:00 PM



#32
Benzoic acid
Concen: 14.736 ng m
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	82.3	101.1	141.1#
77	87.0	70.7	110.7





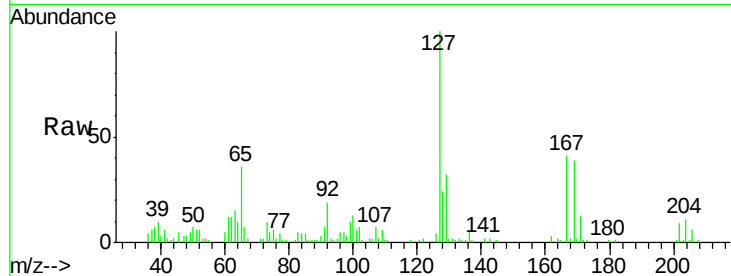
#33
 4-Chloroaniline
 Concen: 14.258 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

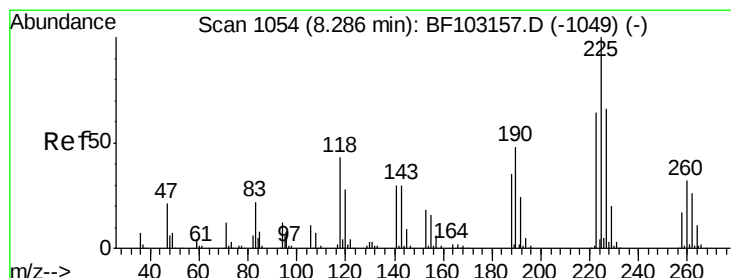
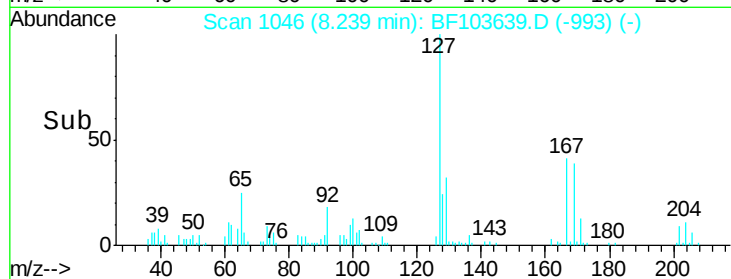
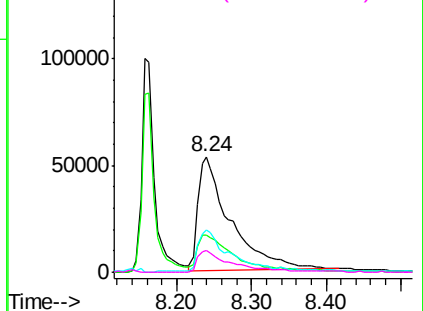
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	36.3	25.0	37.4		
92	18.7	15.2	22.8		

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM



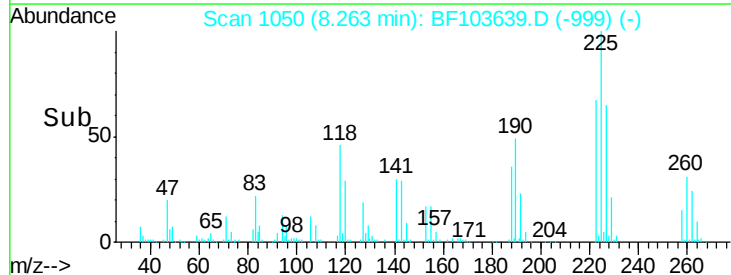
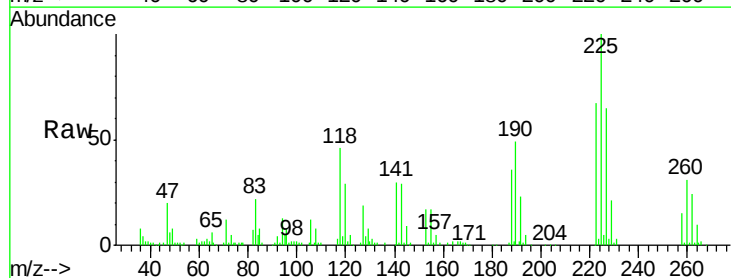
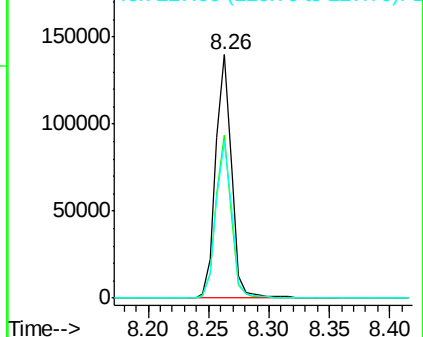
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 32.047 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.9	50.6	76.0		
227	64.5	51.9	77.9		

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





#35

Caprolactam

Concen: 33.003 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

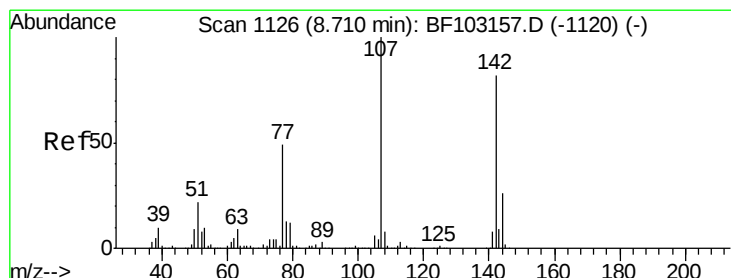
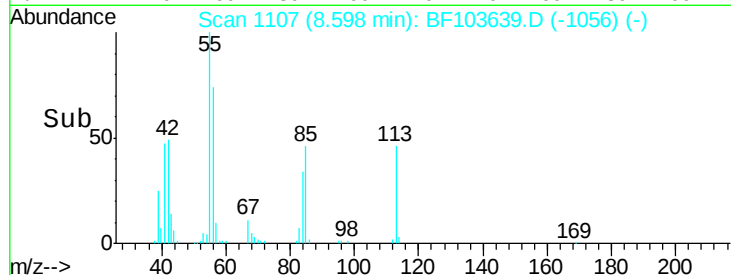
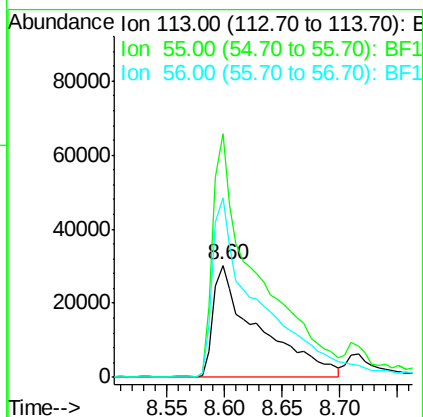
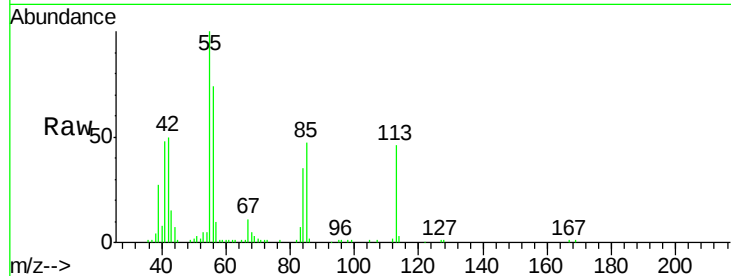
ClientSampled :

PB107325BS

Tot Ion:113 Resp: 81882
 Ion Ratio Lower Upper
 113 100
 55 217.4 163.3 203.3#
 56 160.2 115.7 155.7#

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM



#36

4-Chloro-3-methylphenol

Concen: 38.164 ng

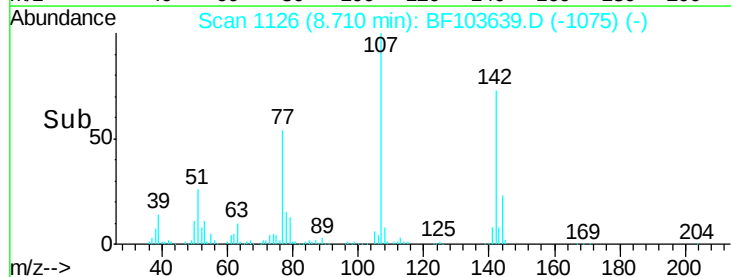
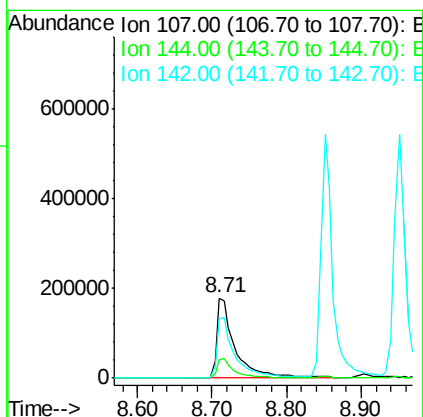
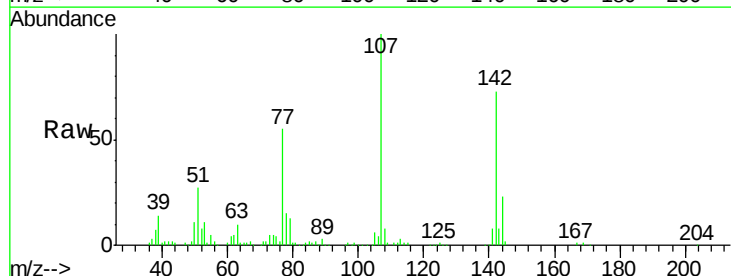
RT: 8.71 min Scan# 1126

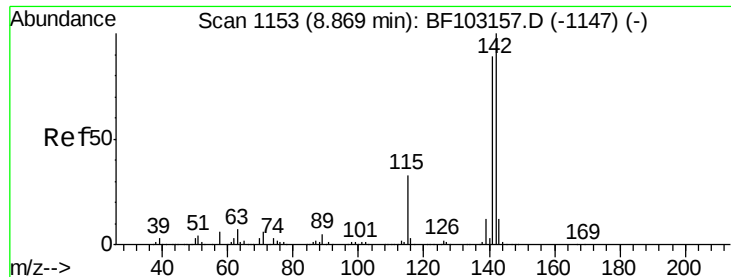
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:107 Resp: 303871
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.5 30.7
 142 73.1 62.0 93.0





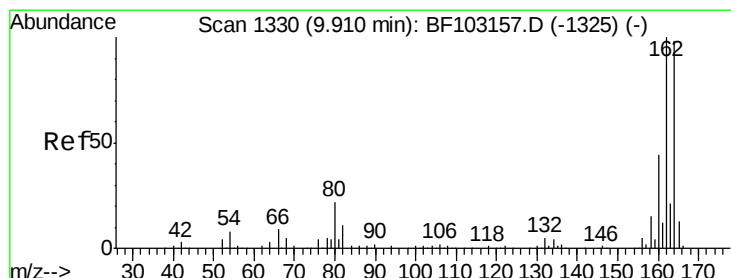
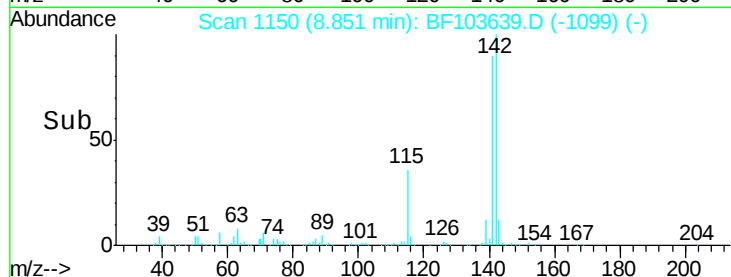
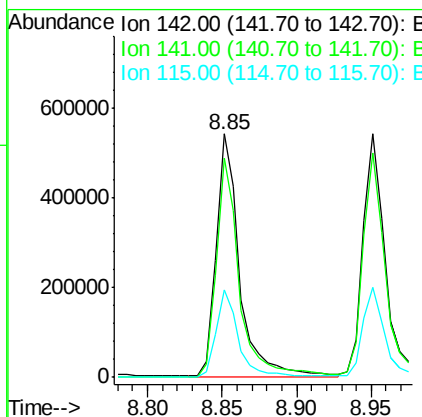
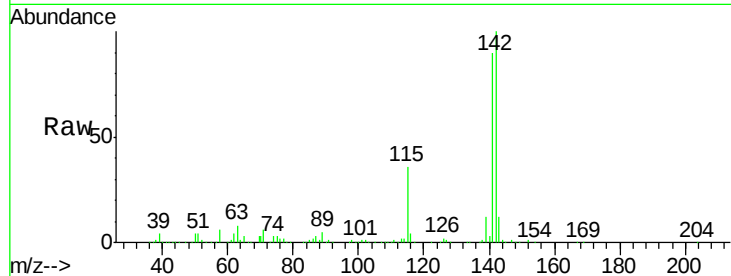
#37
2-Methylnaphthalene
Concen: 35.576 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	36.0	26.1	39.1

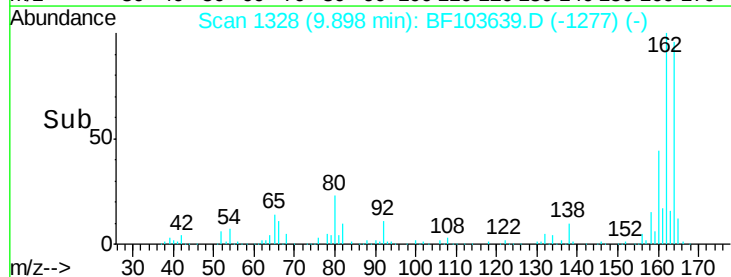
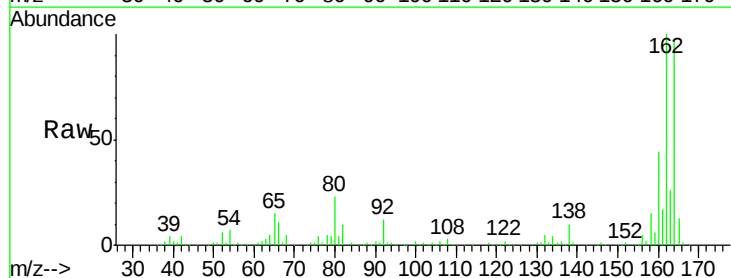
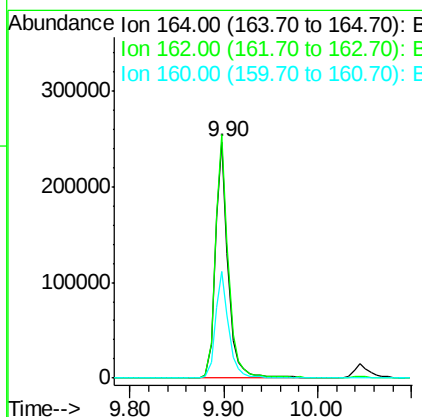
Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.4	38.3	57.5





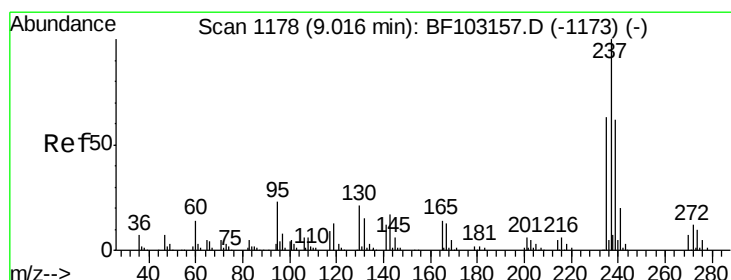
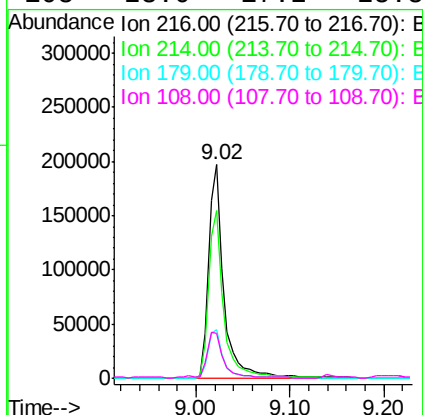
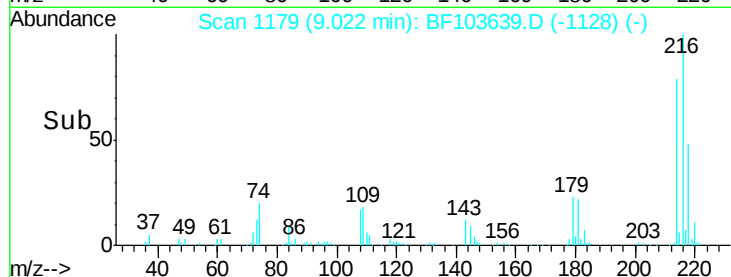
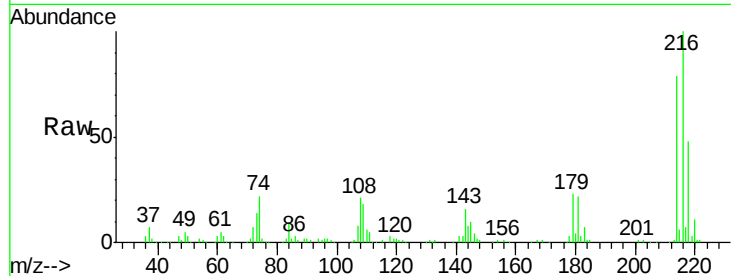
#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.826 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.7	18.1	27.1
108	23.0	17.2	25.8

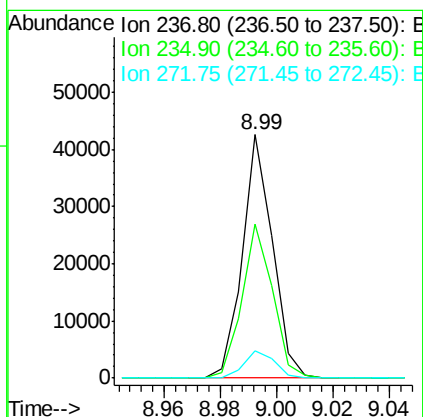
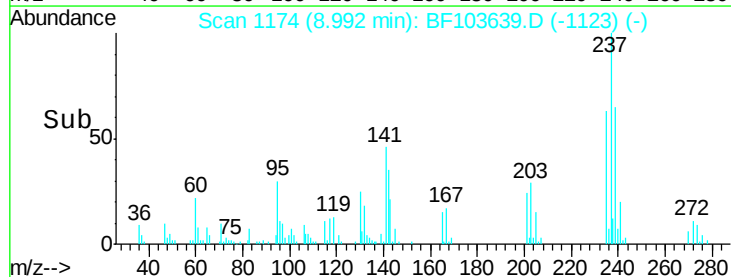
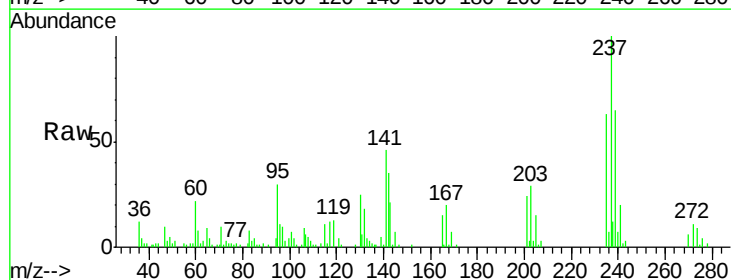
Manual Integrations
APPROVED

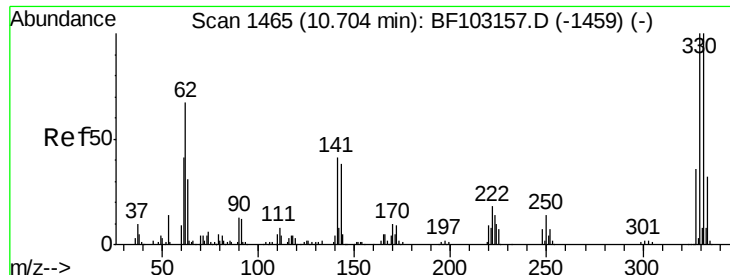
Sohil
3/15/2018 6:57:00 PM



#40
Hexachlorocyclopentadiene
Concen: 21.072 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	11.2	0.0	33.3





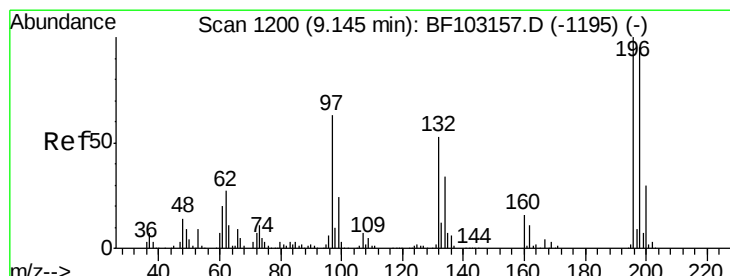
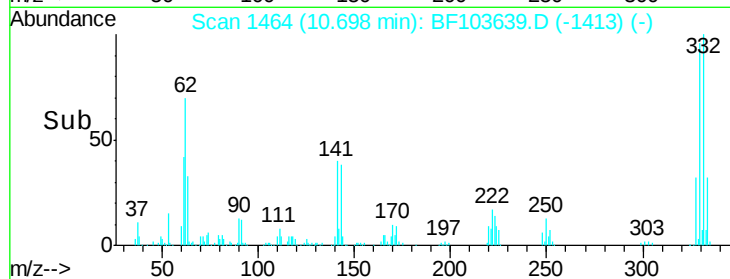
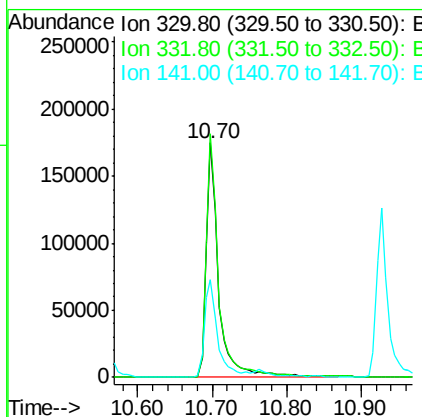
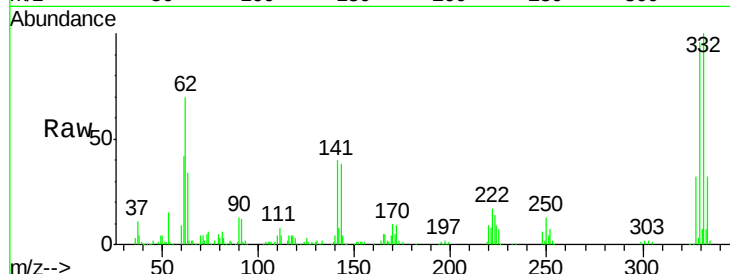
#41
 2,4,6-Tribromophenol
 Concen: 102.809 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207198		
332	102.1	77.0	115.6	
141	43.7	29.9	44.9	

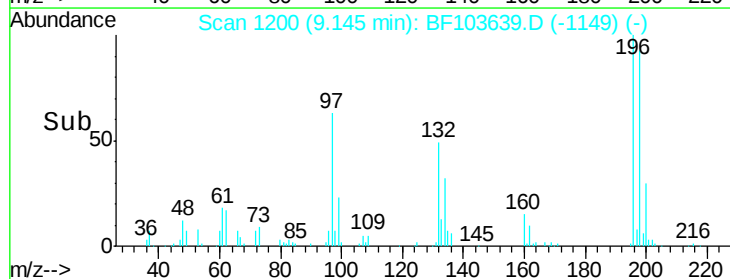
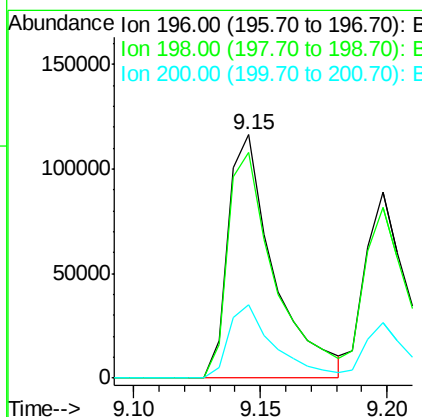
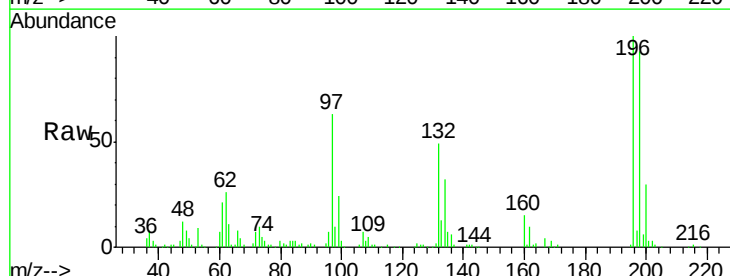
Manual Integrations
 APPROVED

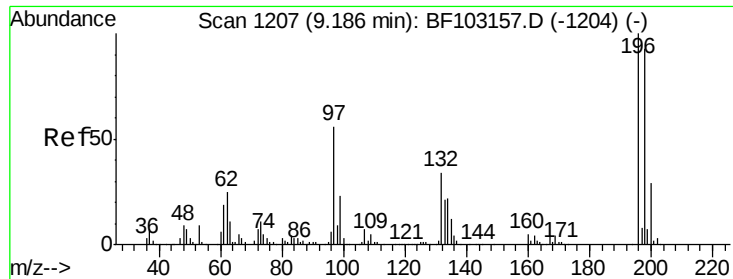
Sohil
 3/15/2018 6:57:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.325 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145957		
198	92.8	75.7	113.5	
200	30.2	24.5	36.7	





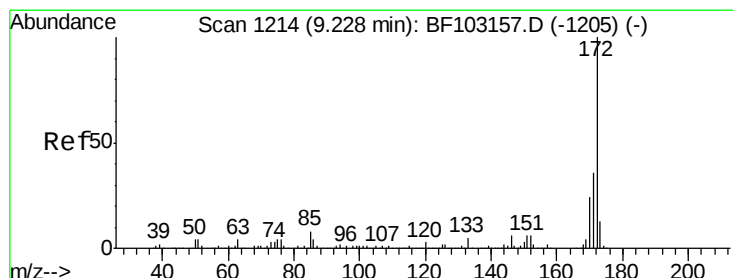
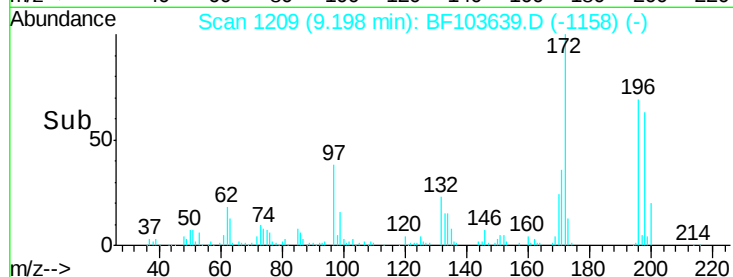
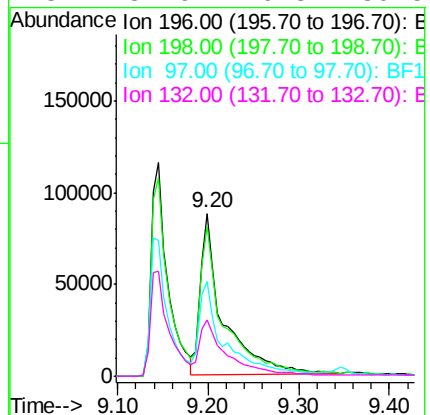
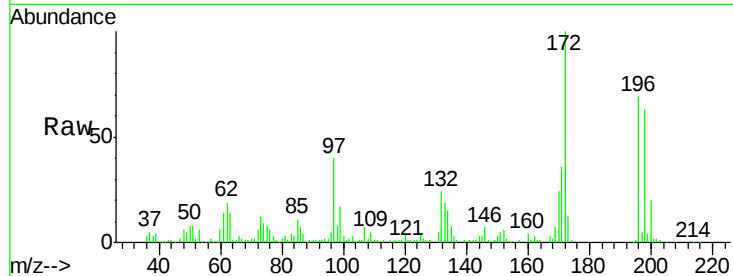
#43
 2,4,5-Trichlorophenol
 Concen: 30.732 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154813		
198	91.9	74.6	112.0	
97	57.7	42.9	64.3	
132	34.6	26.3	39.5	

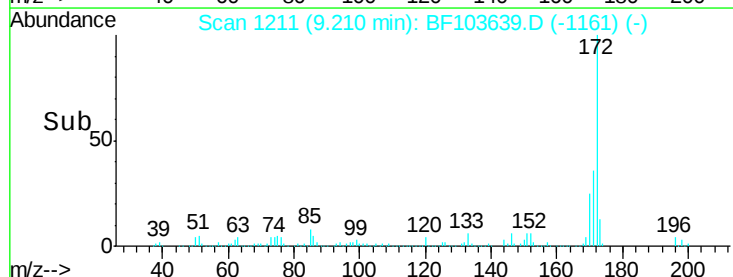
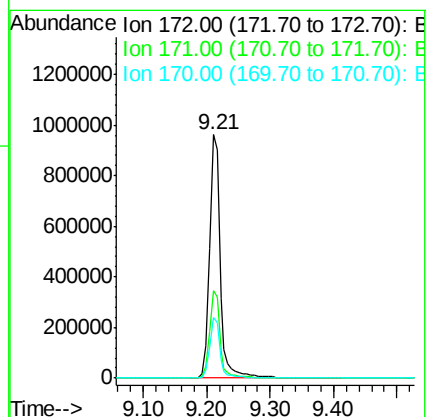
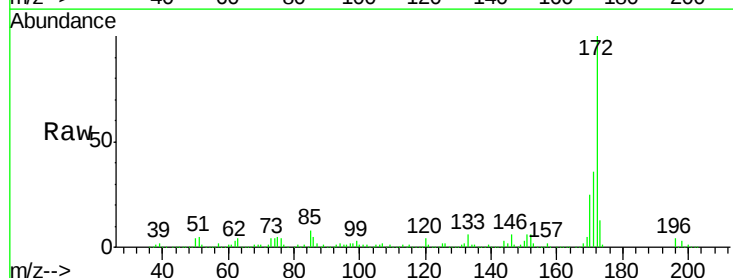
Manual Integrations
 APPROVED

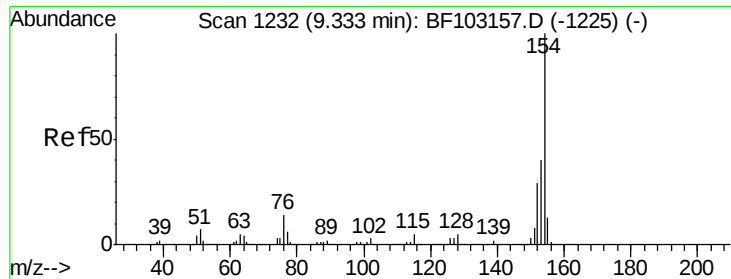
Sohil
 3/15/2018 6:57:00 PM



#44
 2-Fluorobiphenyl
 Concen: 81.450 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1137174		
171	36.1	29.7	44.5	
170	25.1	19.6	29.4	





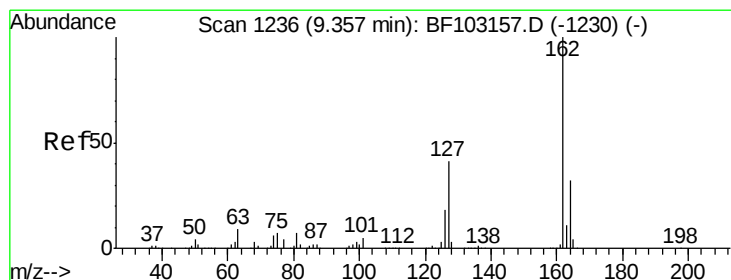
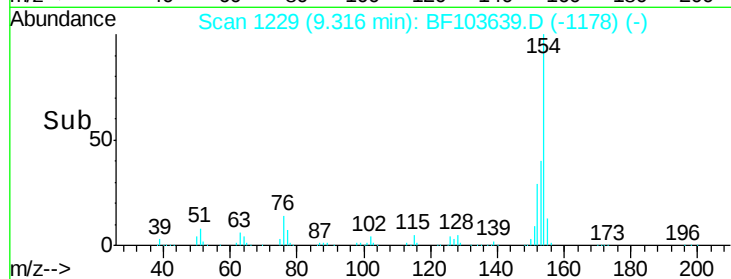
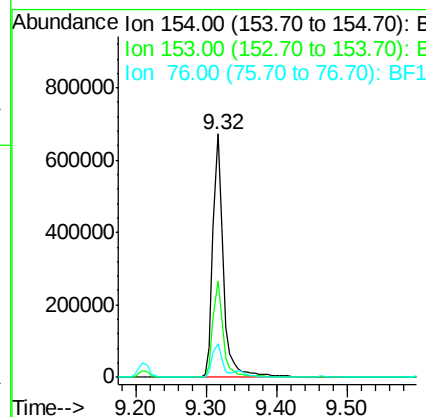
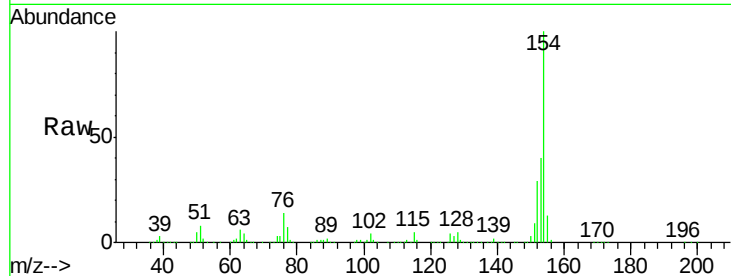
#45
 1,1'-Biphenyl
 Concen: 35.059 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	699491		
153	39.8	21.3	61.3	
76	14.1	0.0	34.0	

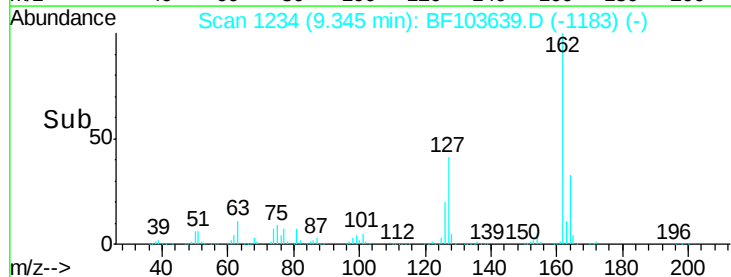
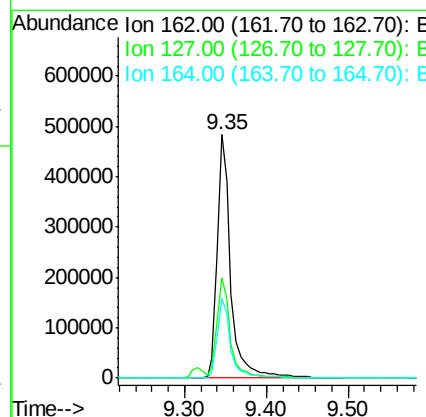
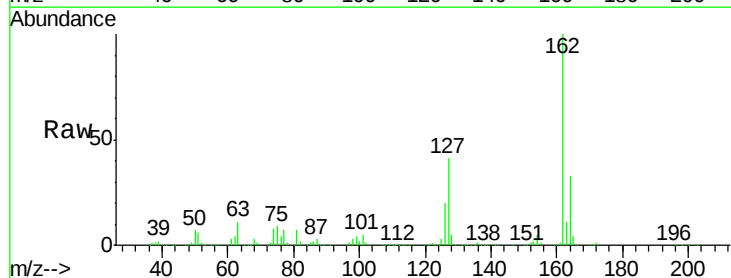
Manual Integrations
 APPROVED

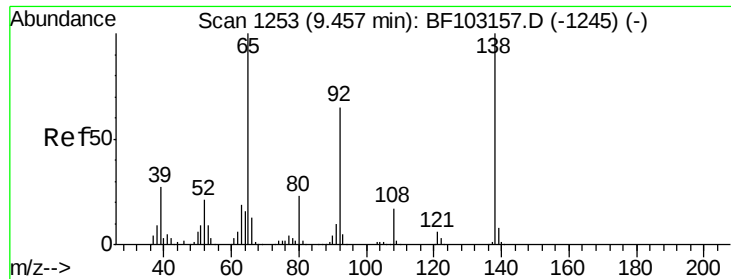
Sohil
 3/15/2018 6:57:00 PM



#46
 2-Chloronaphthalene
 Concen: 35.235 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	556168		
127	41.3	33.9	50.9	
164	32.7	26.5	39.7	





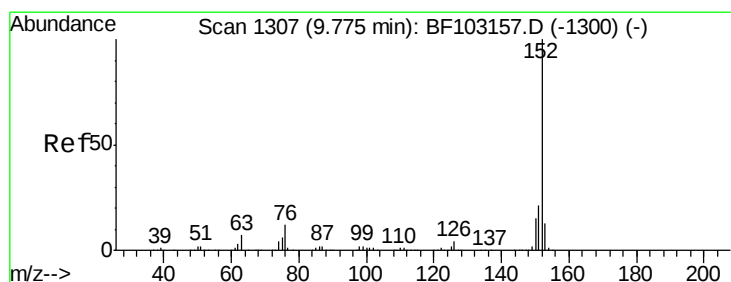
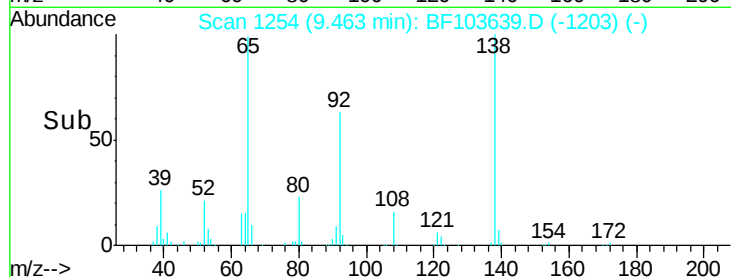
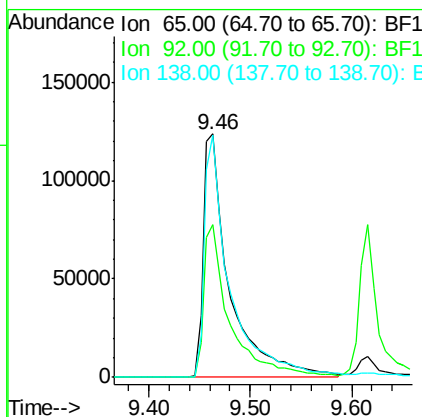
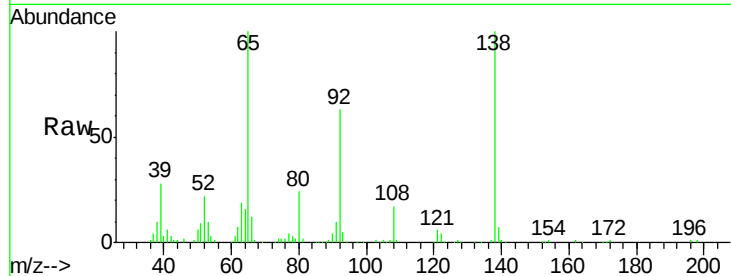
#47
2-Nitroaniline
Concen: 38.107 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	55.8	83.6
138	99.8	91.2	136.8

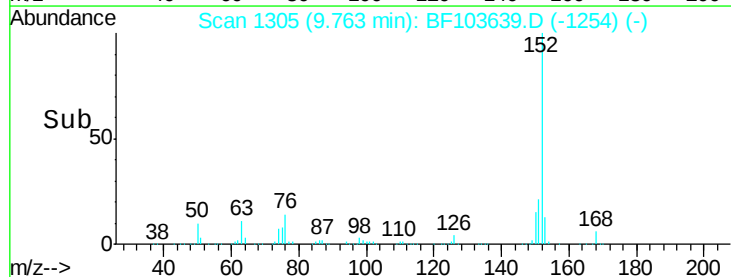
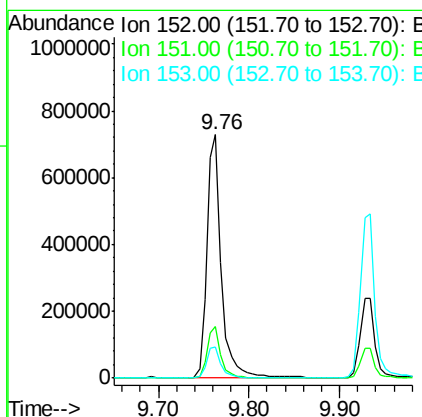
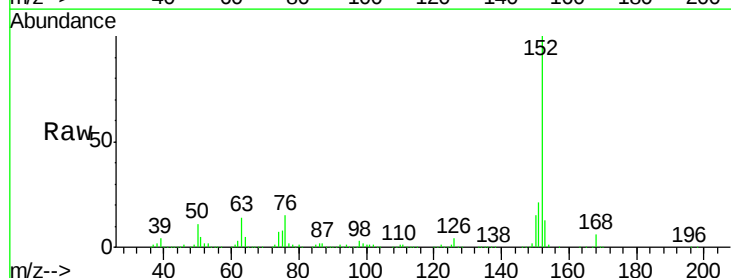
Manual Integrations
APPROVED

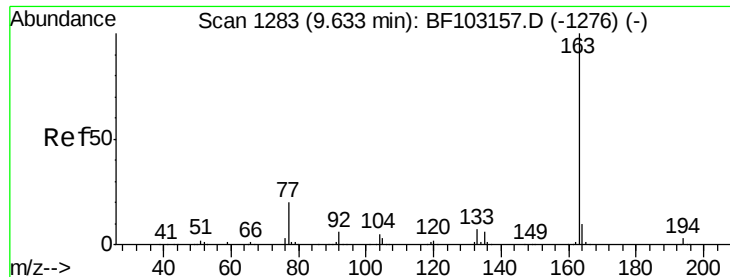
Sohil
3/15/2018 6:57:00 PM



#48
Acenaphthylene
Concen: 33.715 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.0	10.7	16.1





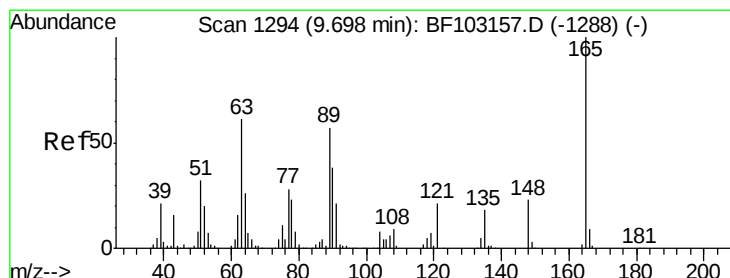
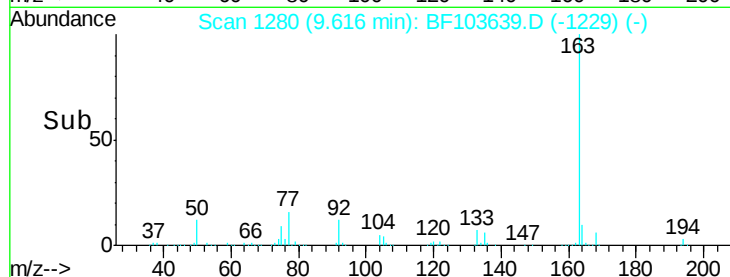
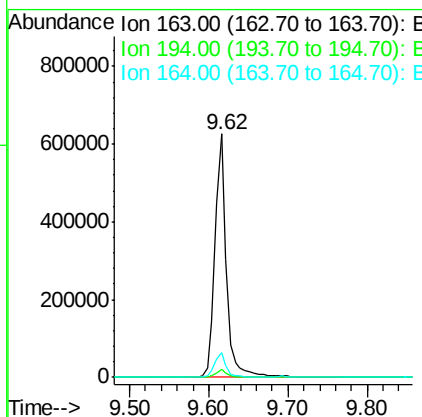
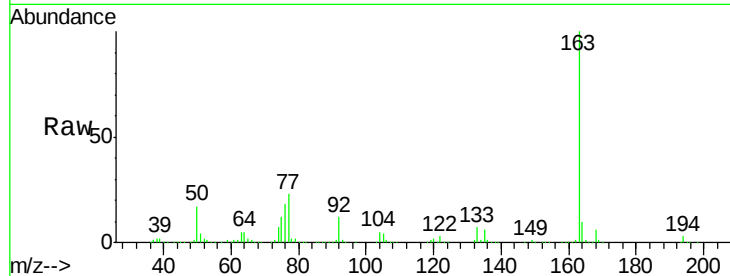
#49
Dimethylphthalate
Concen: 33.201 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.1	8.2	12.2	

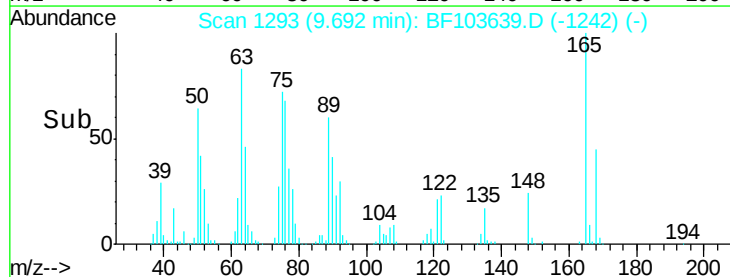
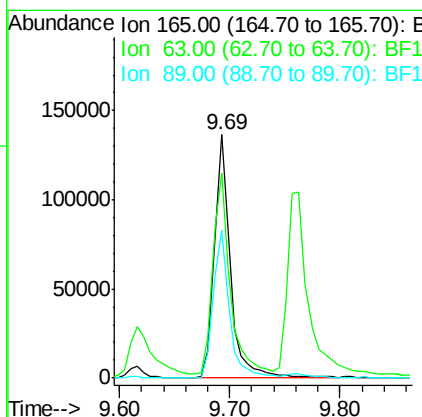
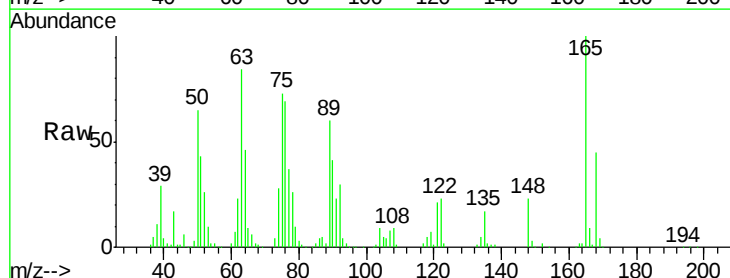
Manual Integrations
APPROVED

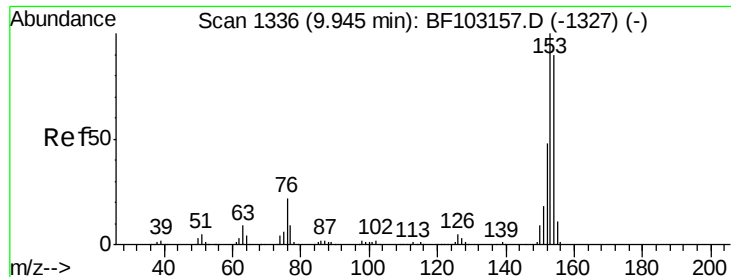
Sohil
3/15/2018 6:57:00 PM



#50
2,6-Dinitrotoluene
Concen: 34.338 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	84.2	44.7	67.1	#
89	60.5	44.0	66.0	





#51

Acenaphthene

Concen: 33.724 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

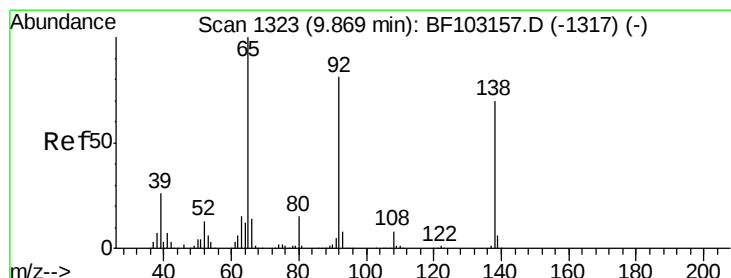
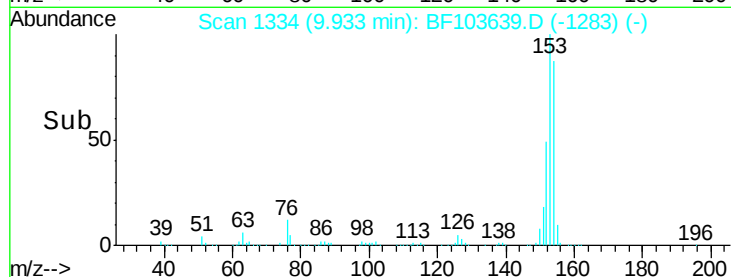
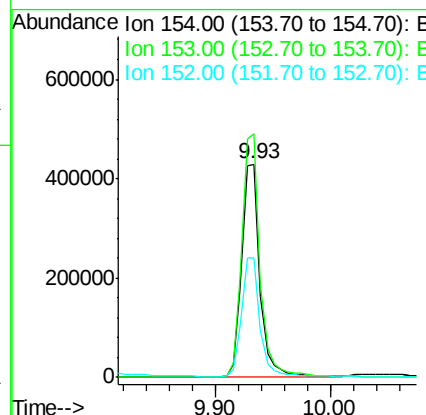
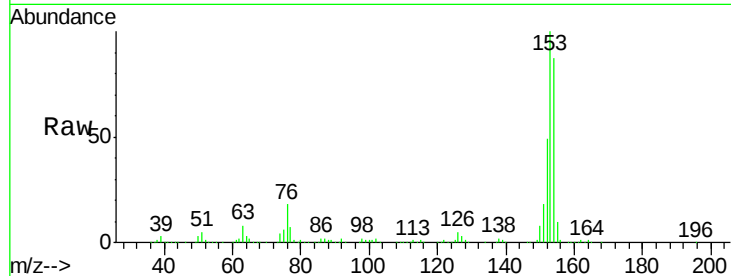
ClientSampleId :

PB107325BS

Tot Ion:	154	Resp:	477584
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	55.9	43.8	65.8

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#52

3-Nitroaniline

Concen: 23.852 ng

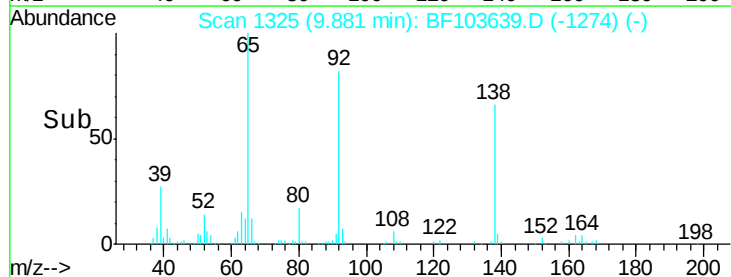
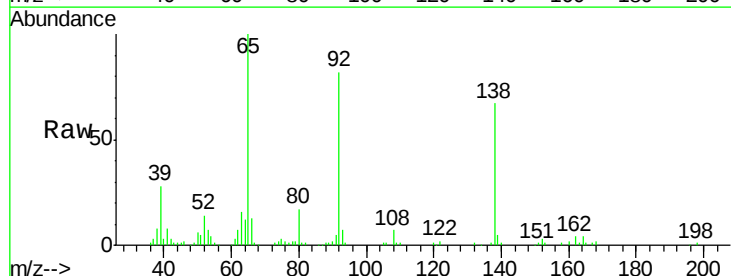
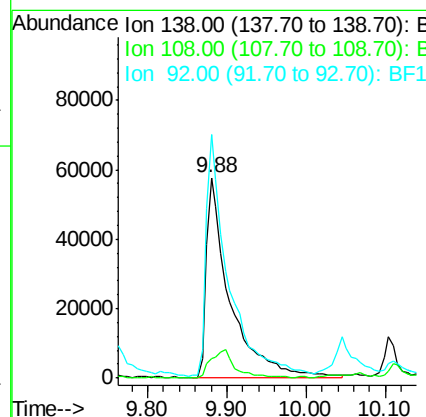
RT: 9.88 min Scan# 1325

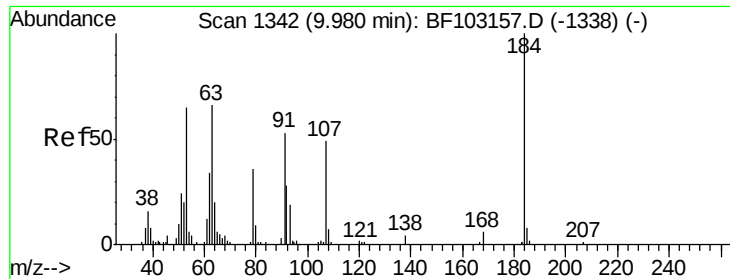
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	138	Resp:	121297
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	121.7	89.4	134.2





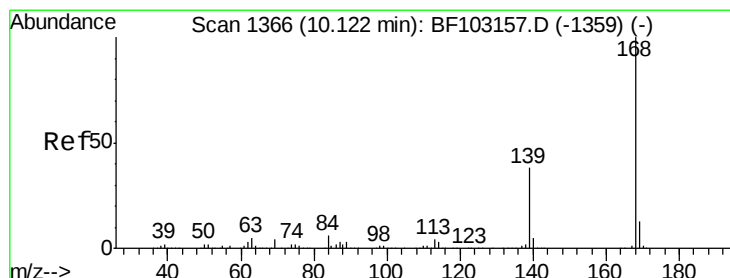
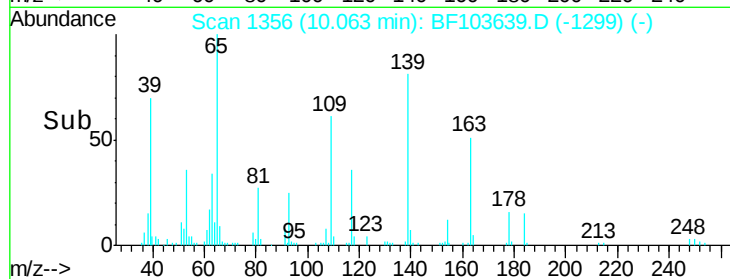
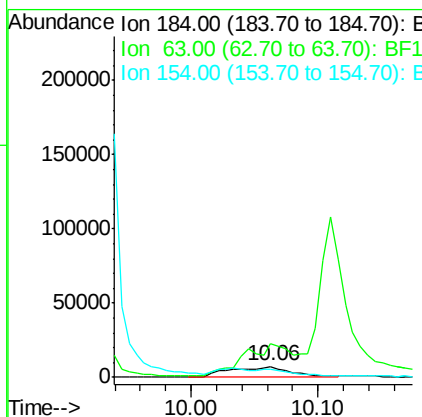
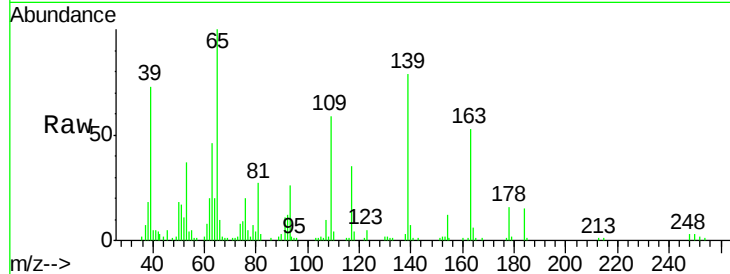
#53
 2,4-Dinitrophenol
 Concen: 24.632 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.04 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion:184 Resp: 24704
 Ion Ratio Lower Upper
 184 100
 63 308.5 54.2 81.2#
 154 79.8 184.0 276.0#

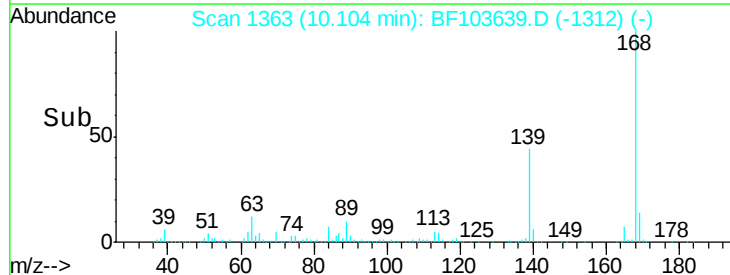
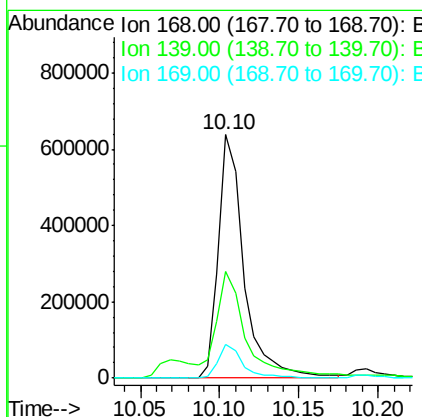
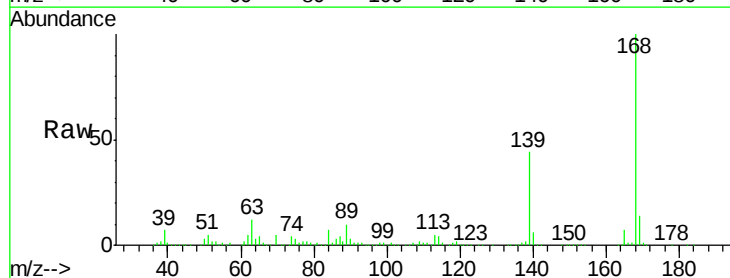
Manual Integrations
 APPROVED

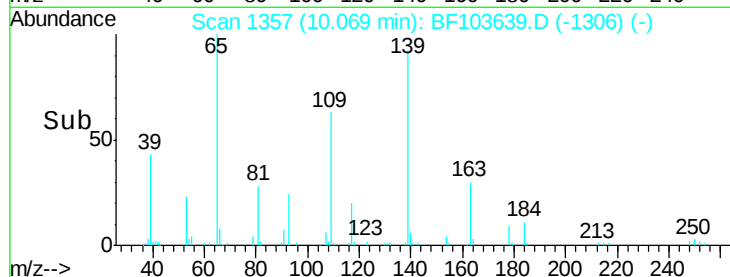
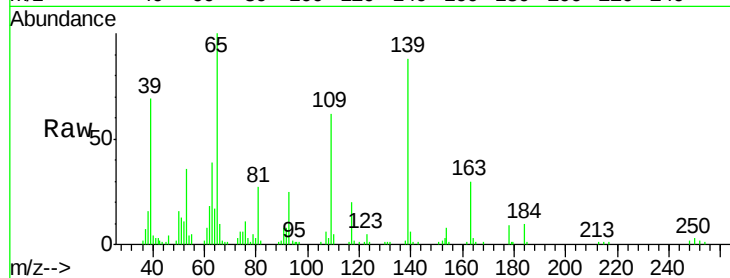
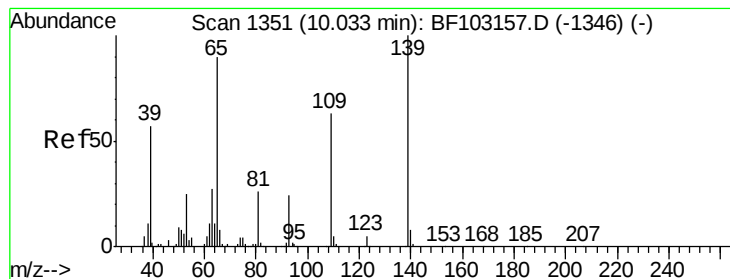
Sohil
 3/15/2018 6:57:00 PM



#54
 Dibenzofuran
 Concen: 36.827 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion:168 Resp: 715912
 Ion Ratio Lower Upper
 168 100
 139 44.0 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 23.962 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

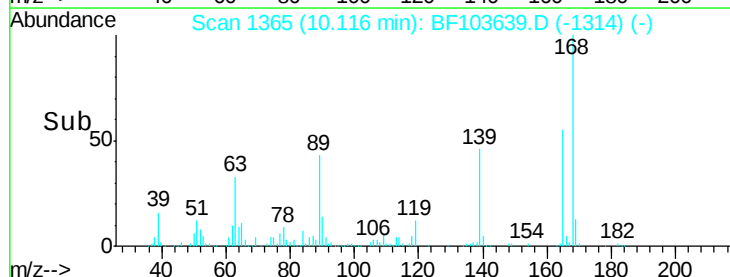
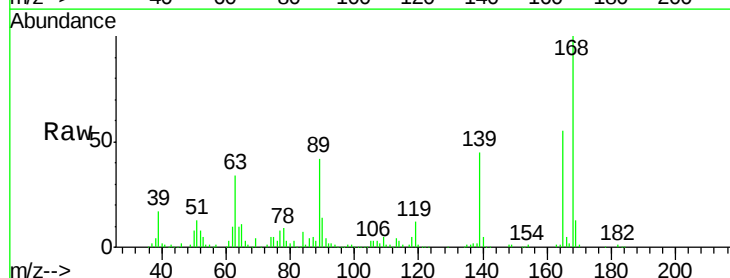
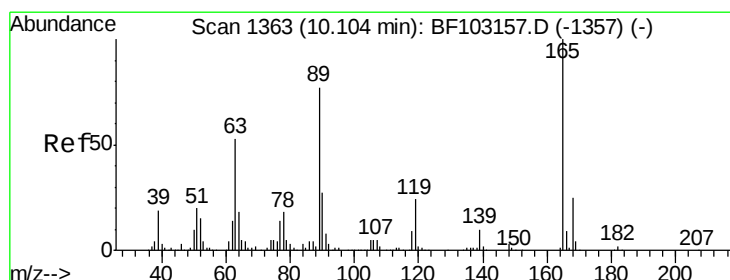
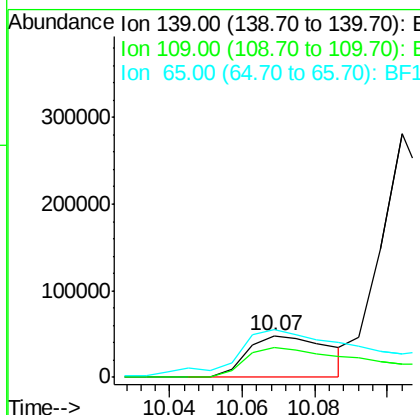
ClientSampleId :

PB107325BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.6	48.4	88.4
65	113.9	72.6	112.6

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#56

2,4-Dinitrotoluene

Concen: 34.492 ng

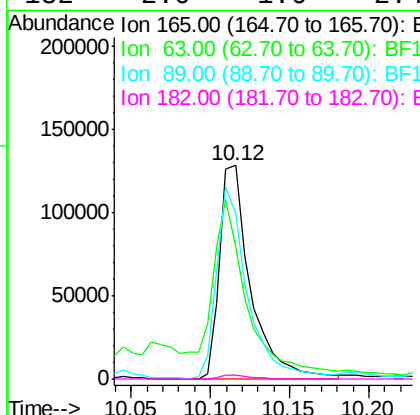
RT: 10.12 min Scan# 1365

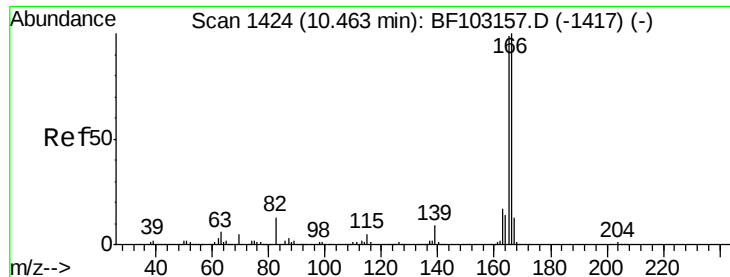
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	36.4	54.6
89	77.3	57.8	86.6
182	2.0	1.6	2.4





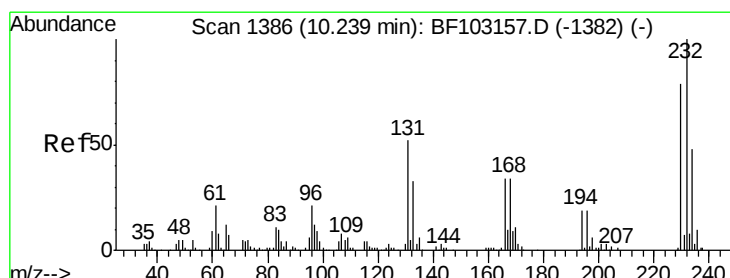
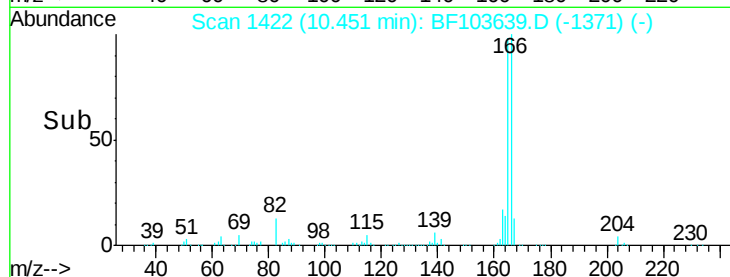
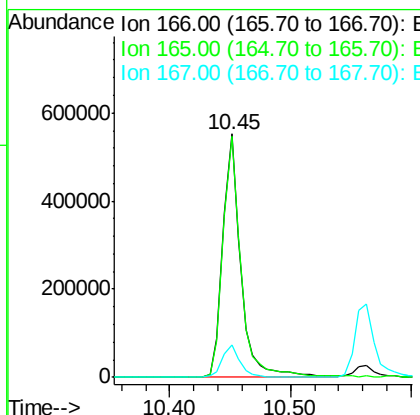
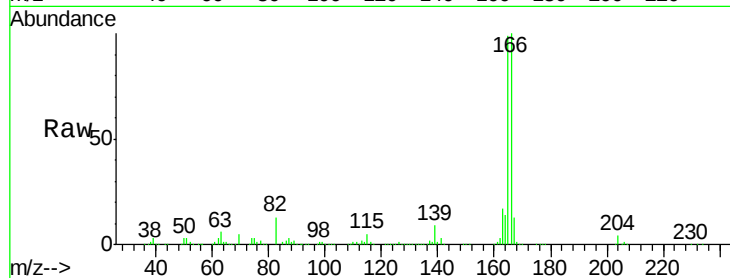
#57
Fluorene
 Concen: 34.158 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.5	10.6	16.0

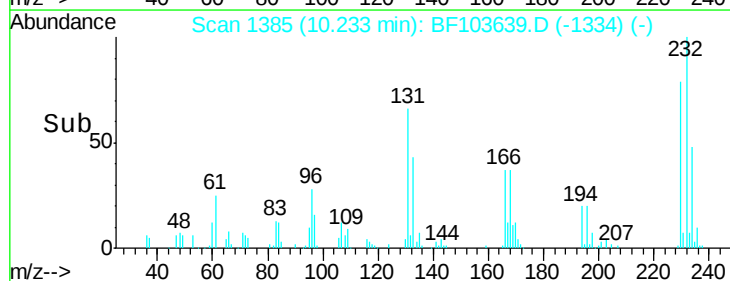
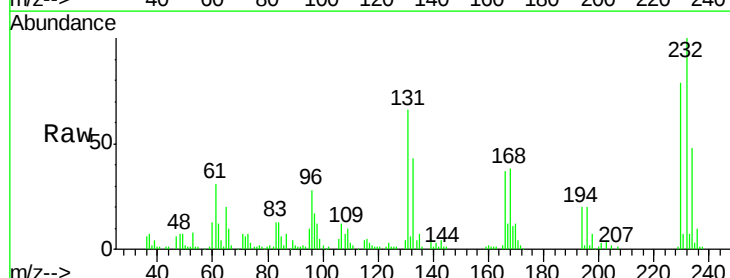
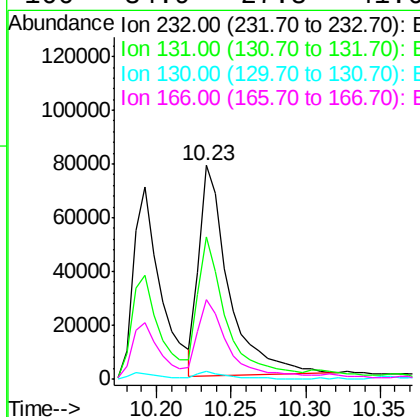
Manual Integrations
 APPROVED

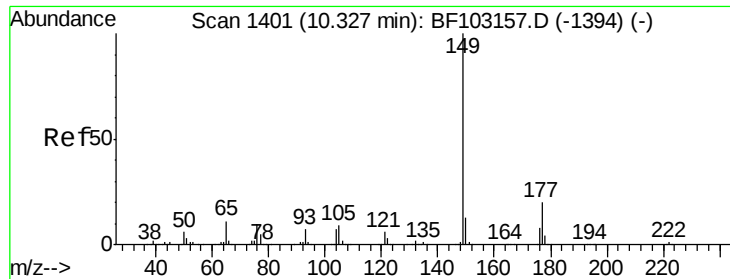
Sohil
 3/15/2018 6:57:00 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.754 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	60.8	43.8	65.8
130	3.7	2.1	3.1#
166	34.9	27.8	41.6





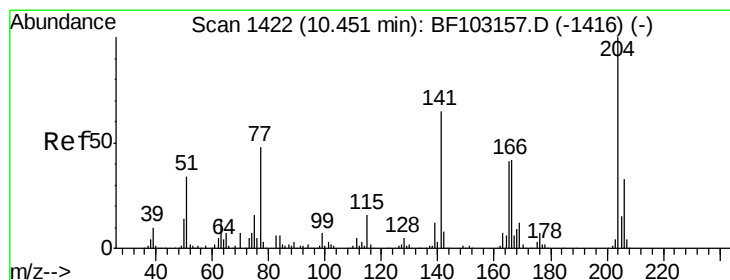
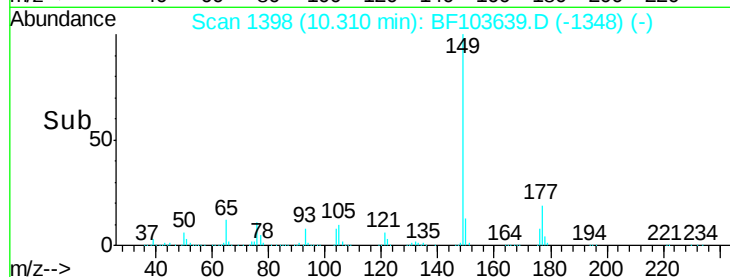
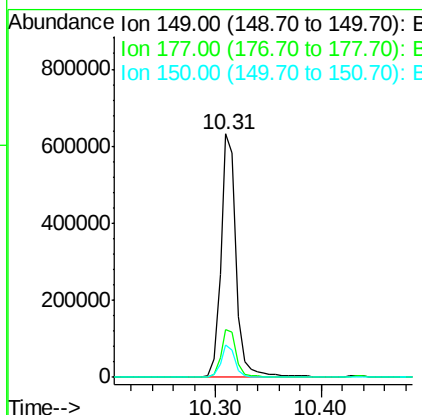
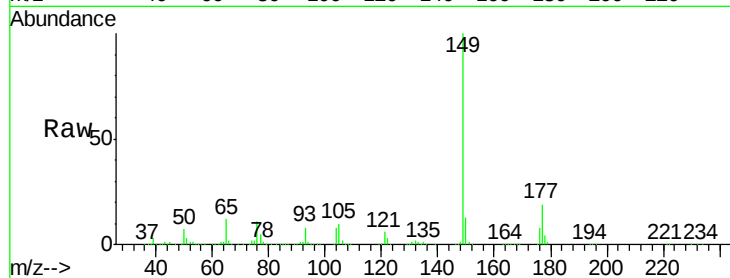
#59
Diethylphthalate
Concen: 35.235 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.4	16.1	24.1
150	13.1	10.1	15.1

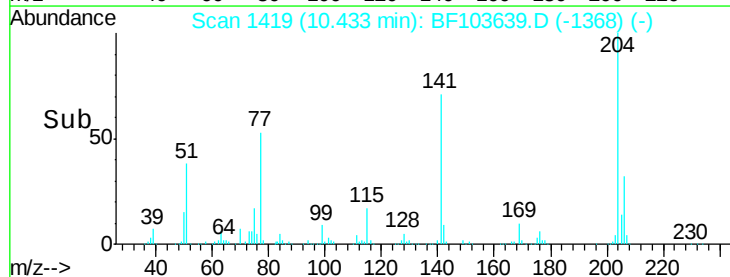
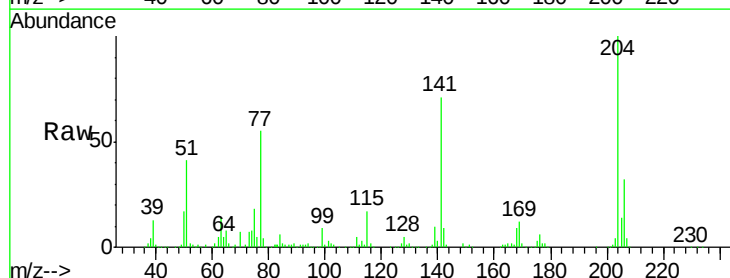
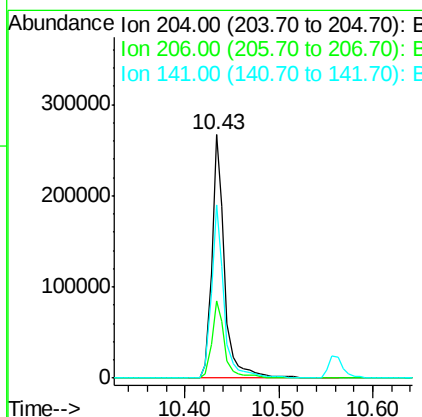
Manual Integrations
APPROVED

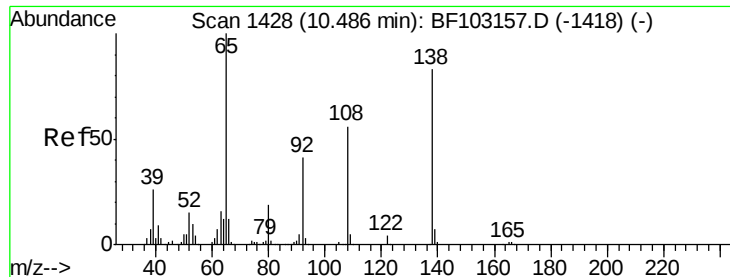
Sohil
3/15/2018 6:57:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.400 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	71.0	54.6	81.8





#61

4-Nitroaniline

Concen: 30.727 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

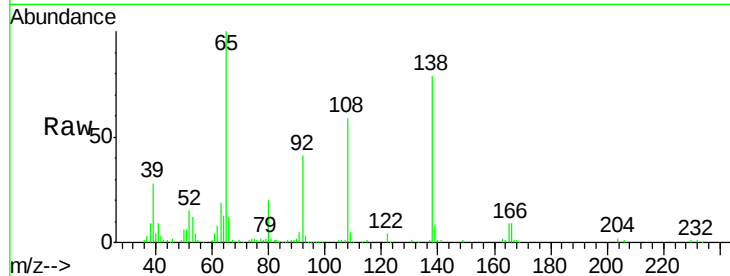
ClientSampled :

PB107325BS

Tot Ion:	138	Resp:	156077
Ion Ratio	Lower	Upper	
138	100		
92	51.3	30.2	70.2
108	74.3	52.5	92.5

Manual Integrations
APPROVED

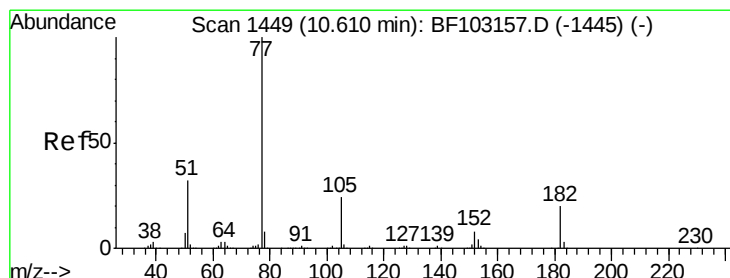
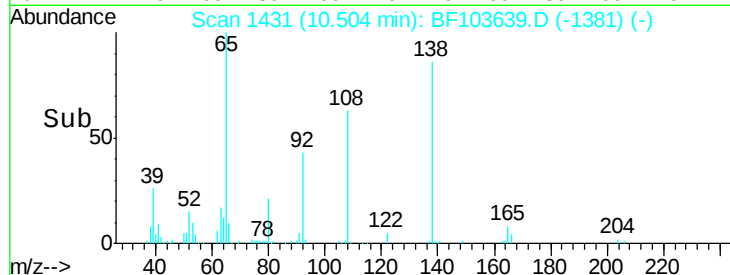
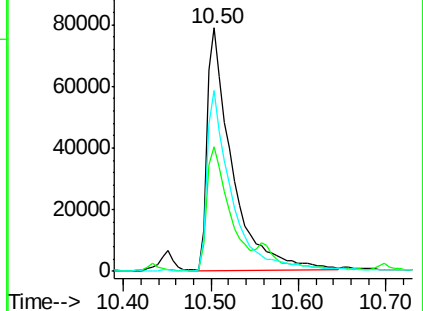
Sohil
3/15/2018 6:57:00 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.848 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

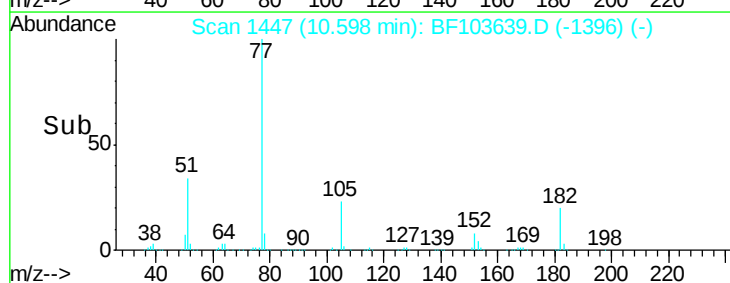
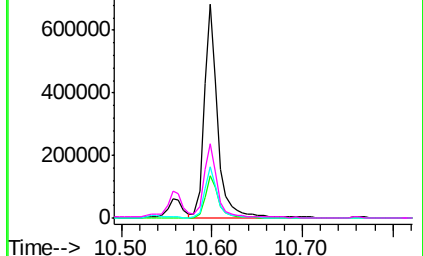
Tgt Ion:	77	Resp:	703774
Ion Ratio	Lower	Upper	
77	100		
182	19.7	1.7	41.7
105	23.8	3.0	43.0
51	34.7	9.9	49.9

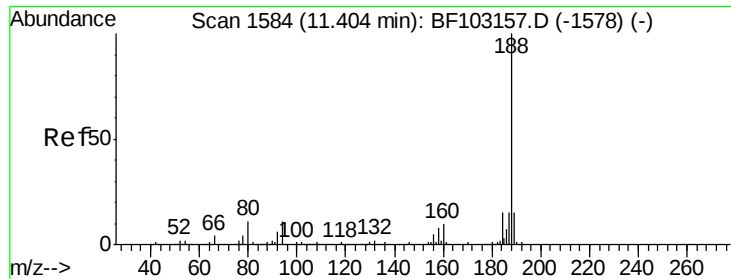
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

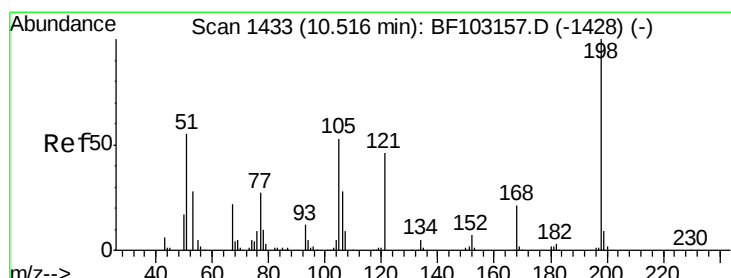
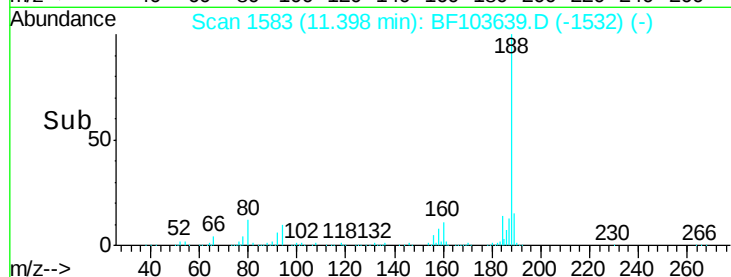
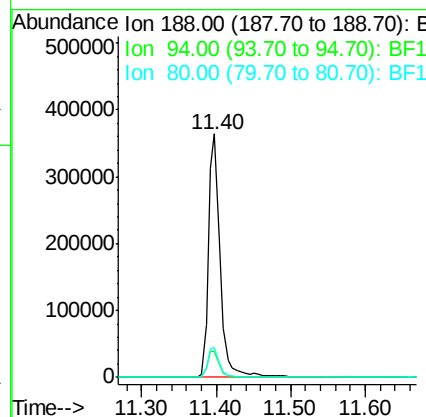
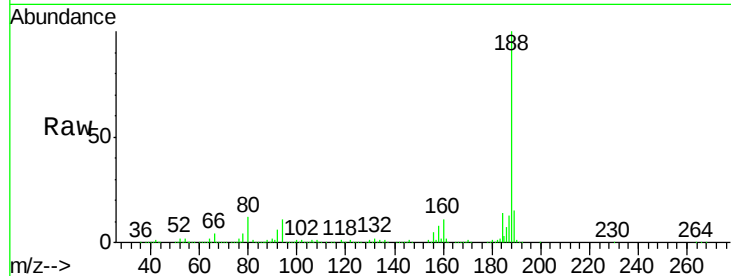
ClientSampleId :

PB107325BS

Tot Ion:	188	Resp:	403628
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	12.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 14.534 ng

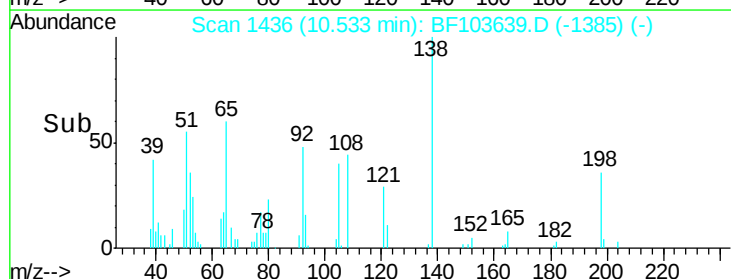
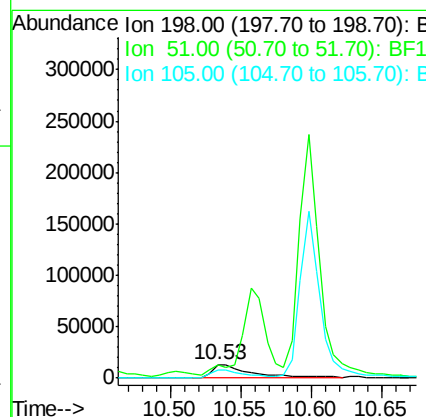
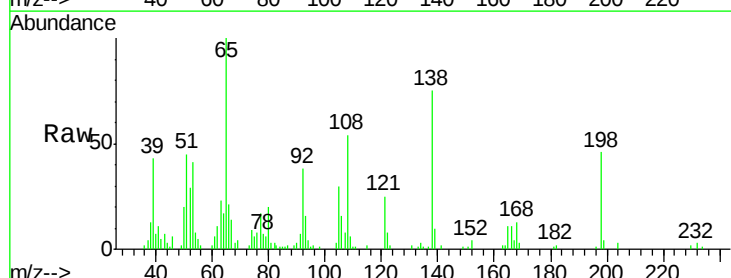
RT: 10.53 min Scan# 1436

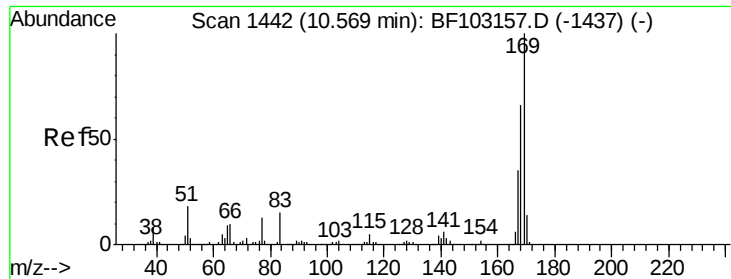
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	198	Resp:	26253
Ion Ratio	Lower	Upper	
198	100		
51	97.1	37.7	77.7#
105	64.9	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 35.455 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

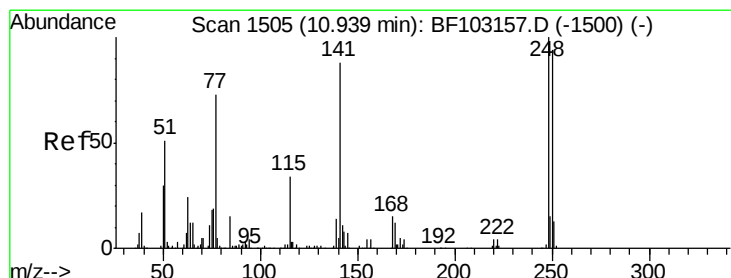
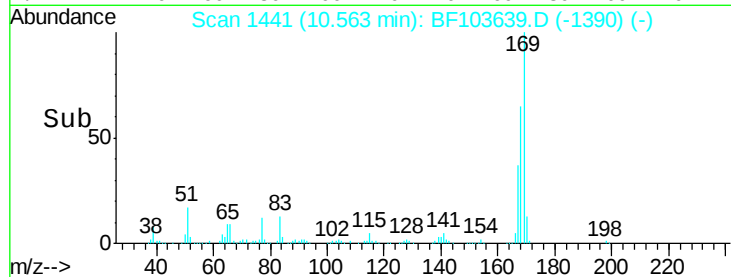
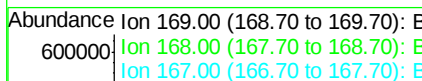
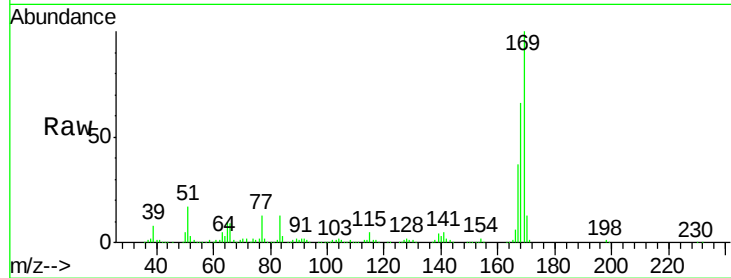
ClientSampleId :

PB107325BS

Tot Ion:	169	Resp:	498275
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.4	81.6
167	37.0	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#66

4-Bromophenyl-phenylether

Concen: 34.321 ng

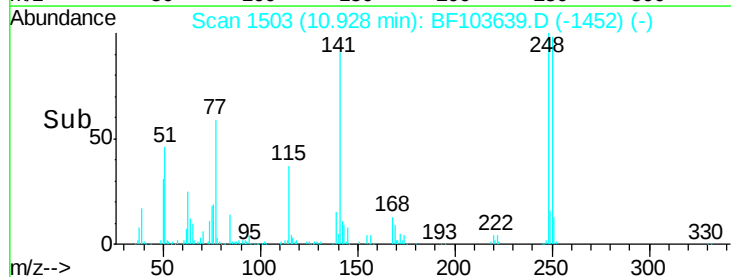
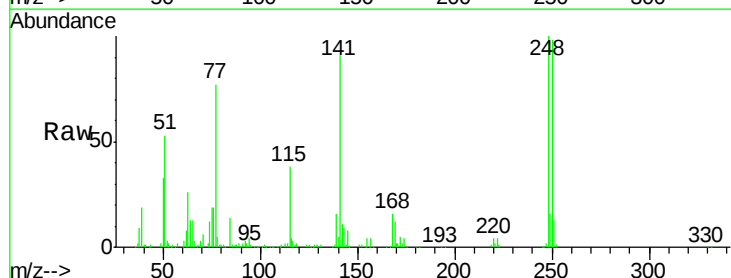
RT: 10.93 min Scan# 1503

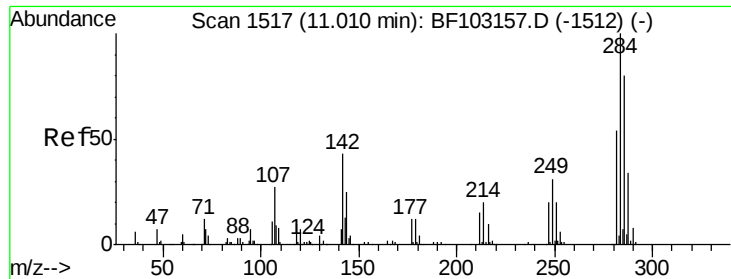
Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	248	Resp:	144308
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.9	115.3
141	91.4	74.4	111.6





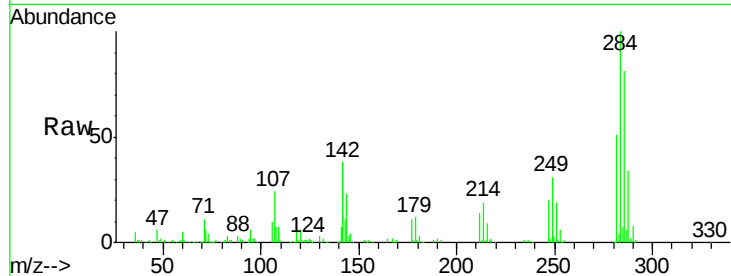
#67
Hexachlorobenzene
Concen: 32.347 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

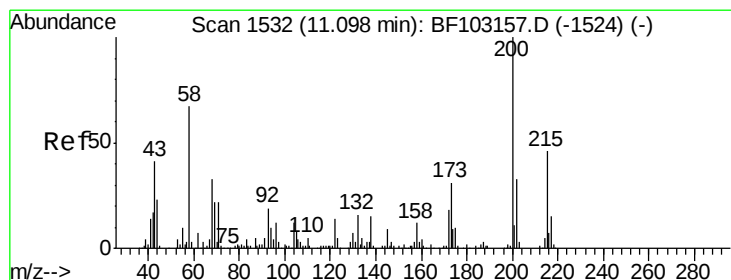
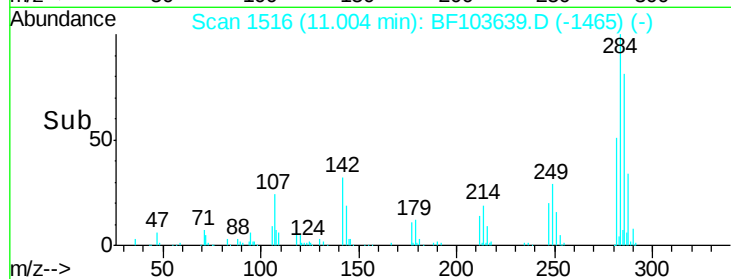
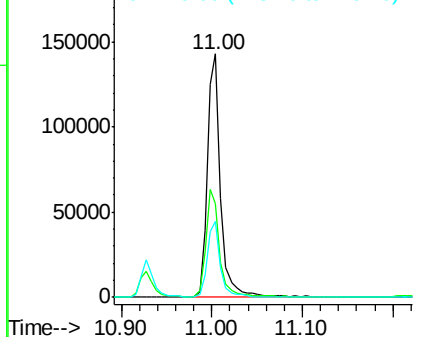
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.3	34.6	52.0
249	31.0	24.8	37.2

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM

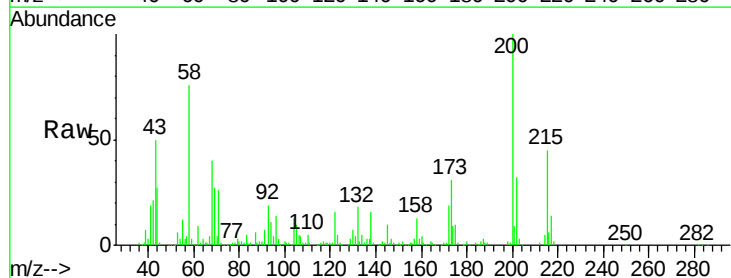


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

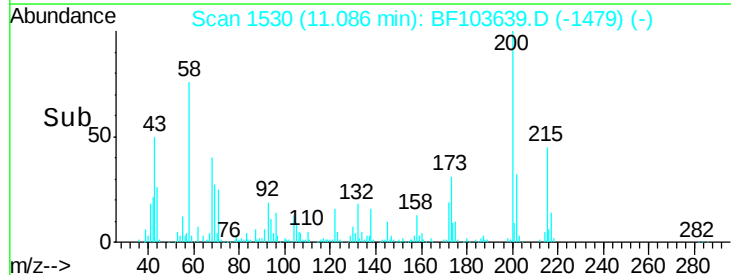
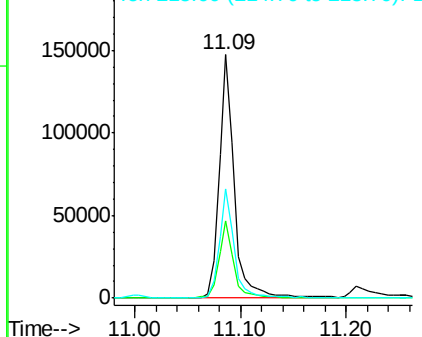


#68
Atrazine
Concen: 35.442 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.5	8.6	48.6
215	44.8	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





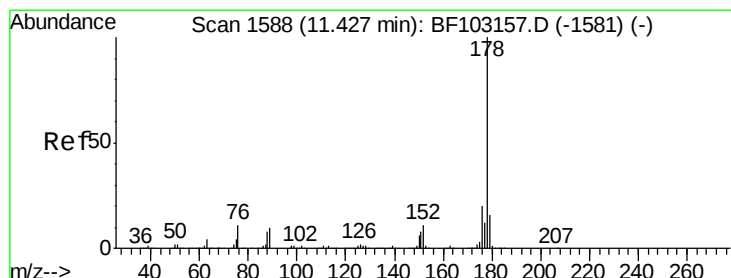
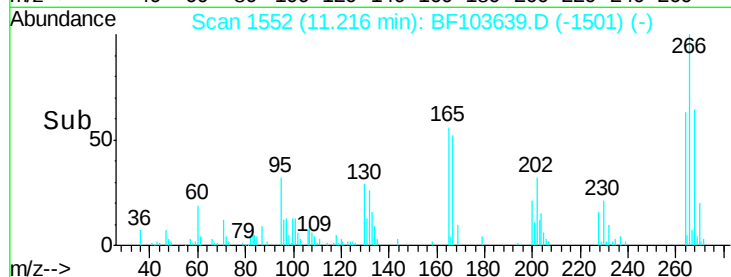
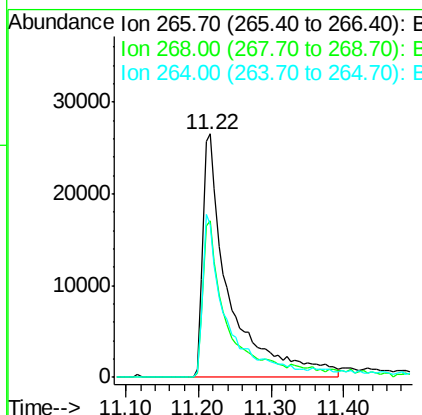
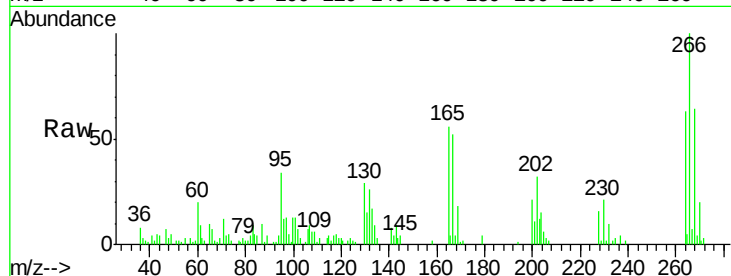
#69
 Pentachlorophenol
 Concen: 30.533 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	51.1	76.7
264	62.8	49.5	74.3

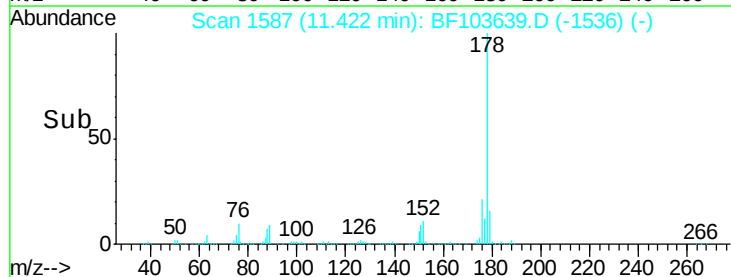
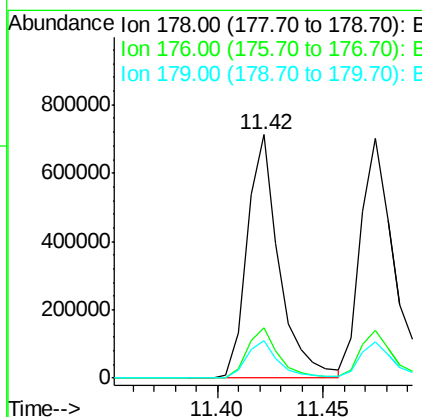
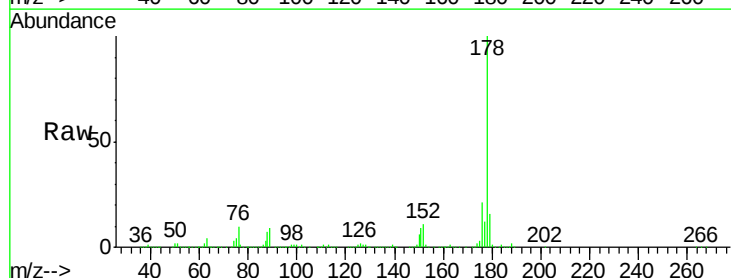
Manual Integrations
 APPROVED

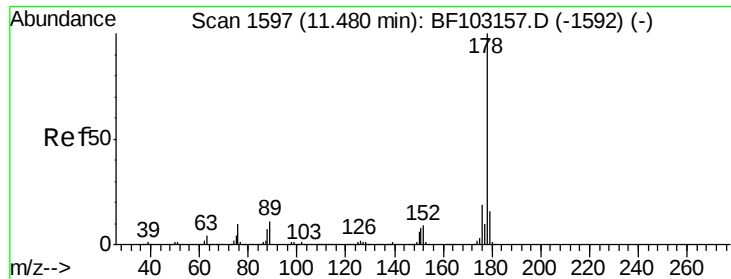
Sohil
 3/15/2018 6:57:00 PM



#70
 Phenanthrene
 Concen: 33.791 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.7	13.0	19.6





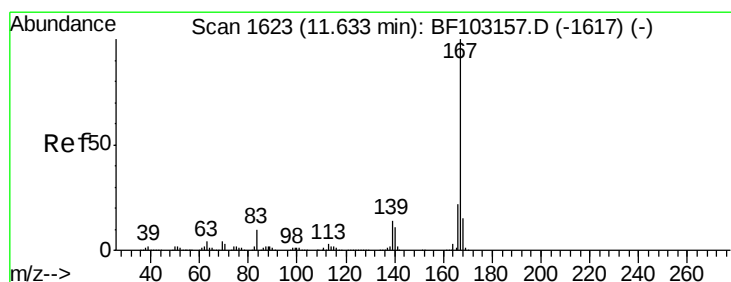
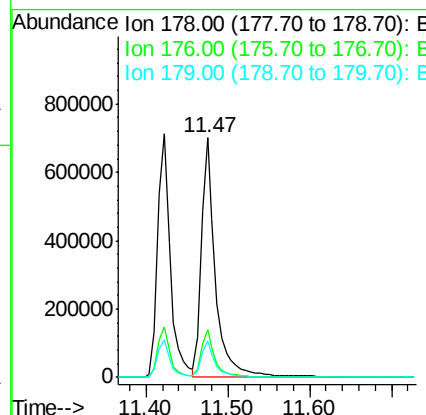
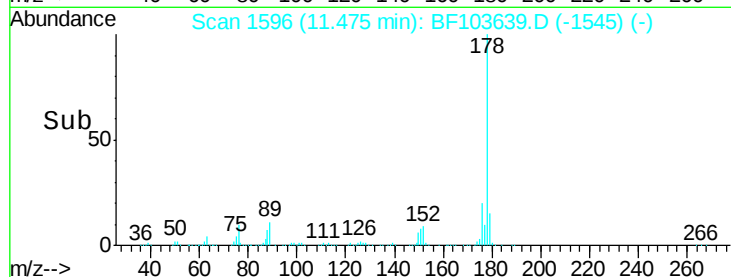
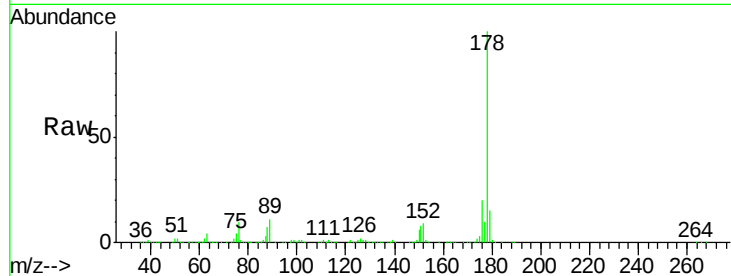
#71
 Anthracene
 Concen: 36.901 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.1	12.6	19.0

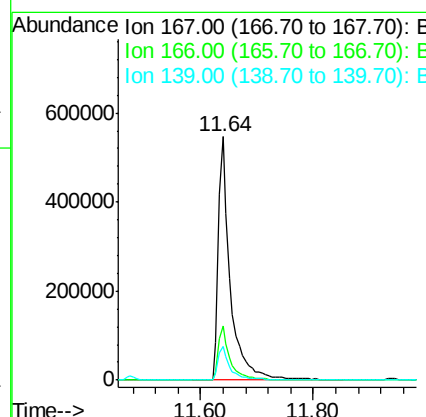
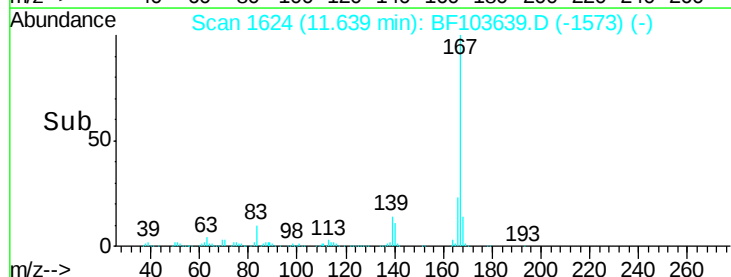
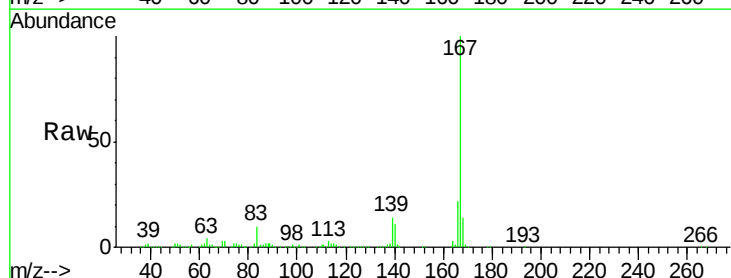
Manual Integrations
 APPROVED

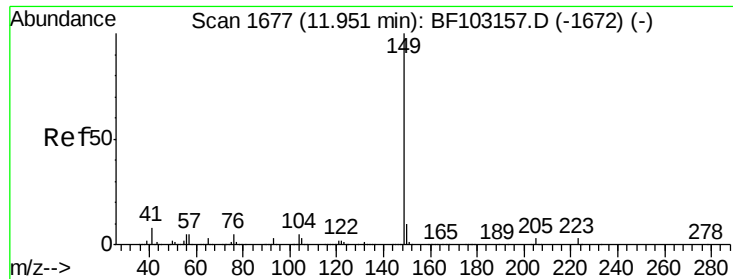
Sohil
 3/15/2018 6:57:00 PM



#72
 Carbazole
 Concen: 35.183 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.816 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107325BS

Tot Ion:149 Resp: 1016576

Ion Ratio Lower Upper

149 100

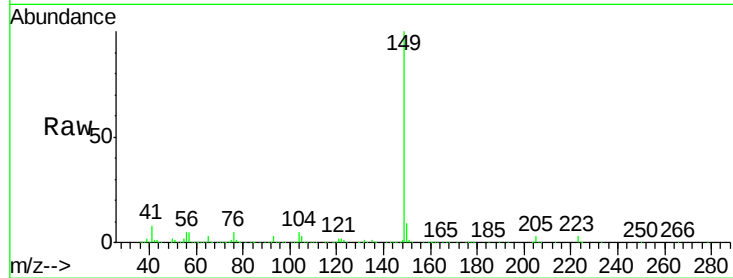
150 9.4 7.8 11.6

104 5.1 3.8 5.8

Manual Integrations
APPROVED

Sohil

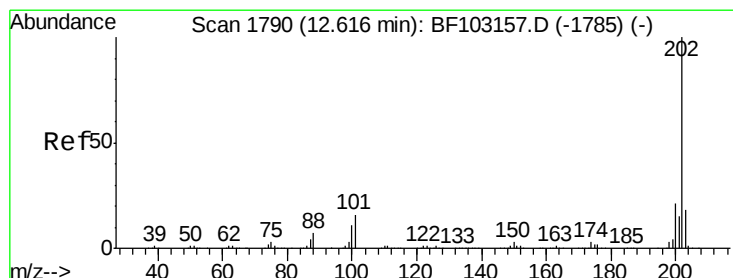
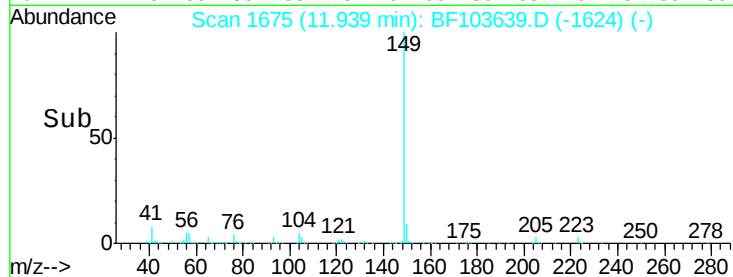
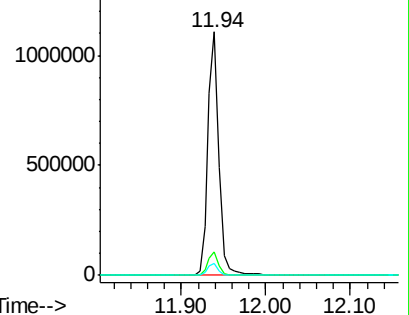
3/15/2018 6:57:00 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.619 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

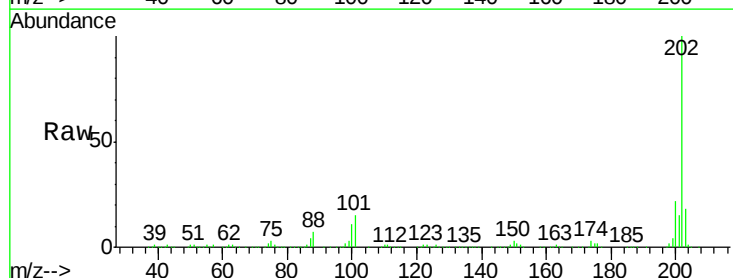
Tgt Ion:202 Resp: 728103

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

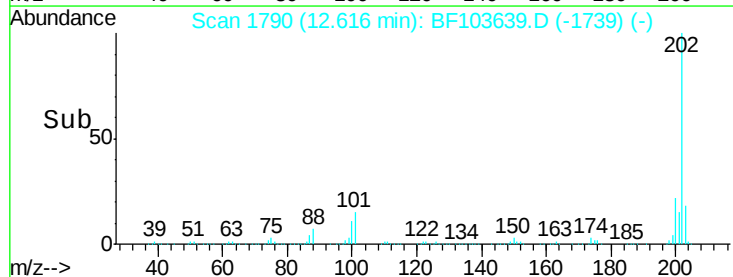
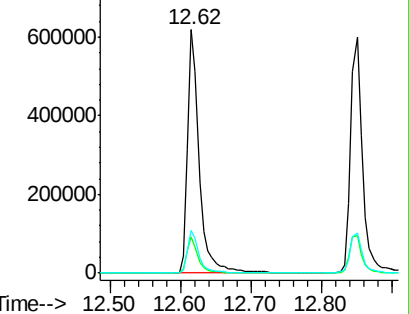
203 17.6 0.0 38.1

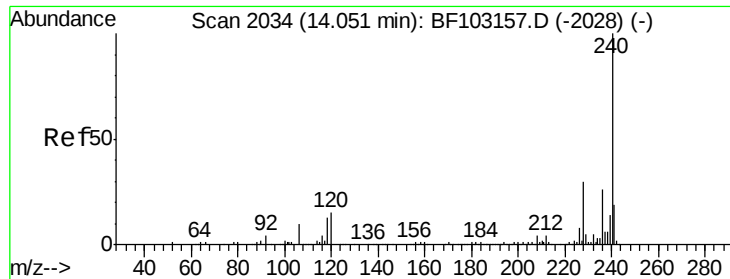


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

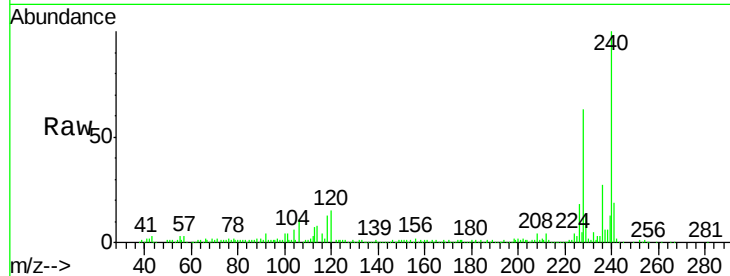
ClientSampleId :

PB107325BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
APPROVED

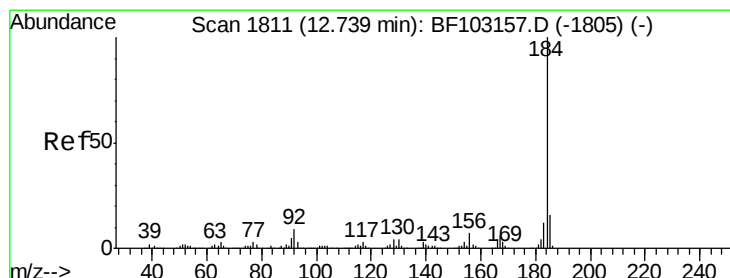
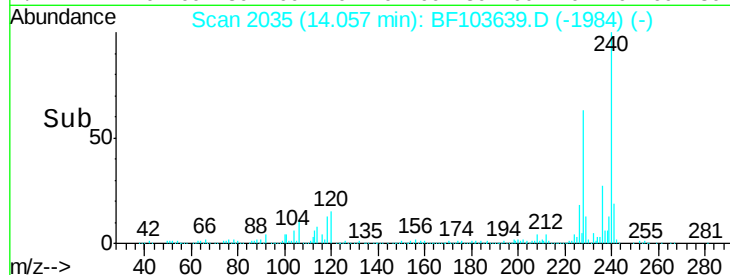
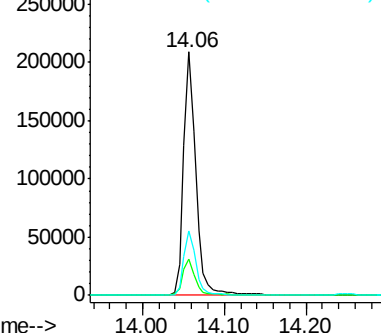
Sohil
3/15/2018 6:57:00 PM



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



#76

Benzidine

Concen: 40.858 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103639.D

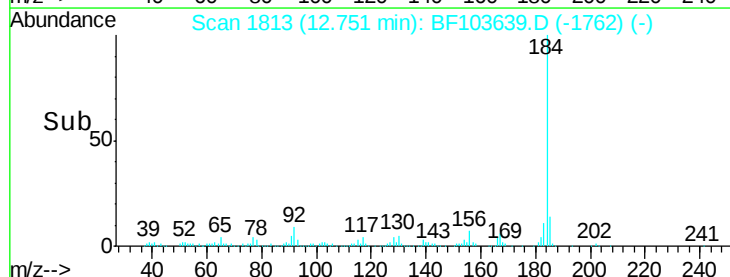
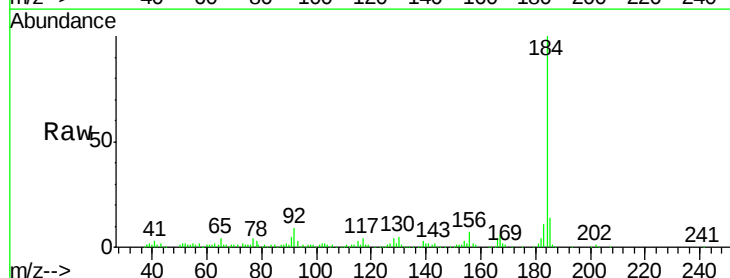
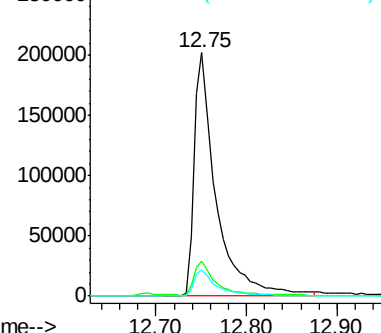
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	10.5	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





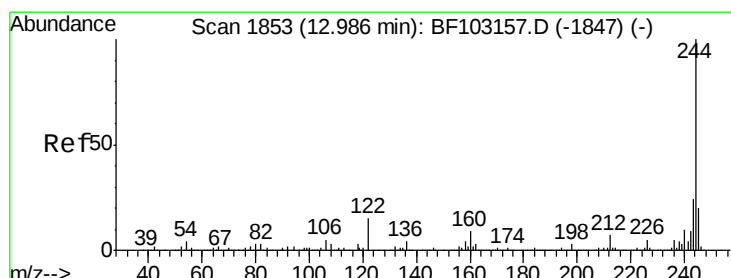
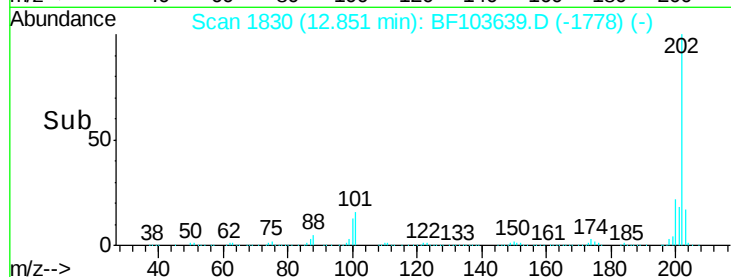
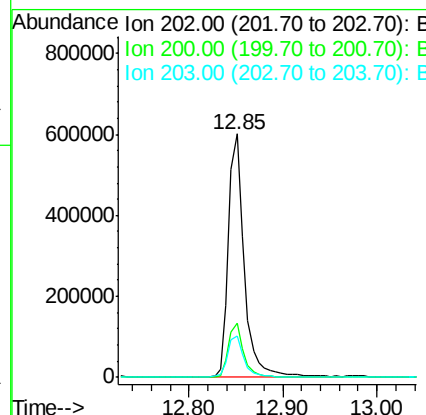
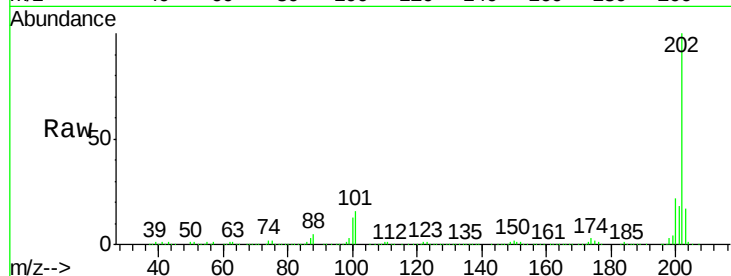
#77
Pvrene
Concen: 41.176 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	705164		
200	22.1		17.4	26.2
203	17.1		14.3	21.5

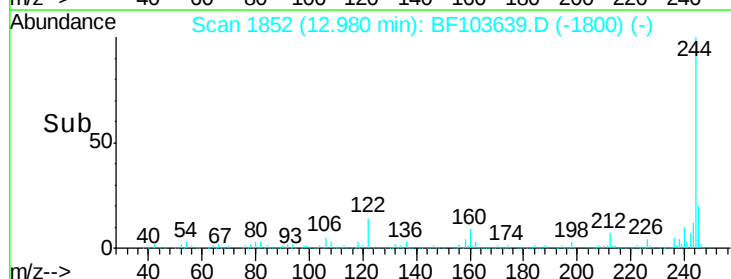
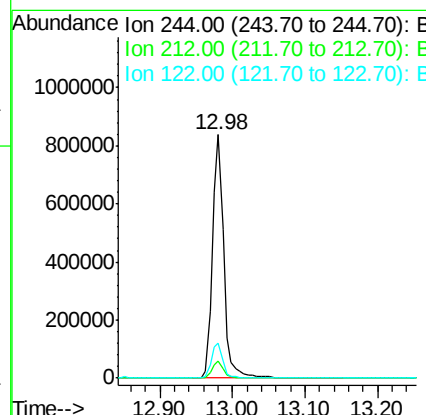
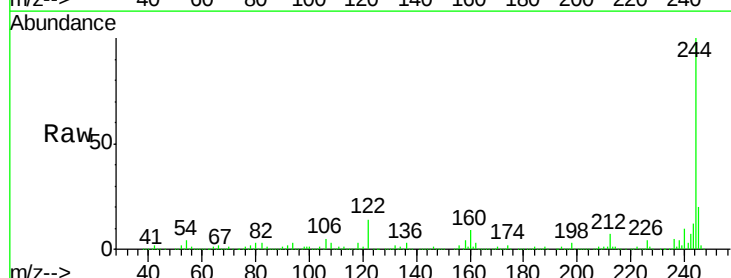
Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#78
Terphenyl-d14
Concen: 99.802 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	911949		
212	6.8		5.4	8.0
122	14.5		11.0	16.4





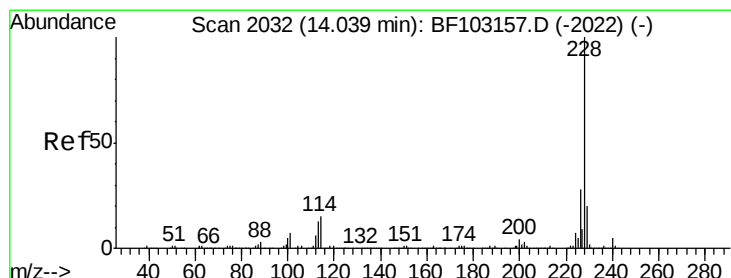
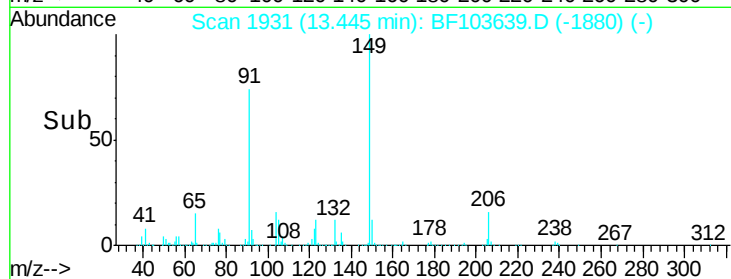
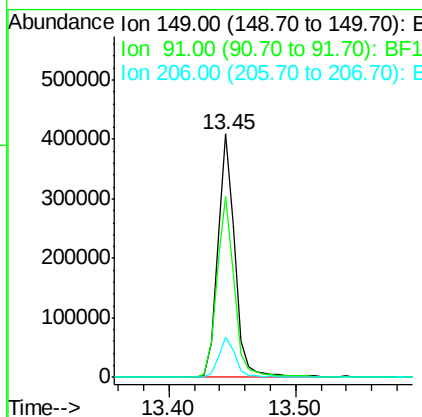
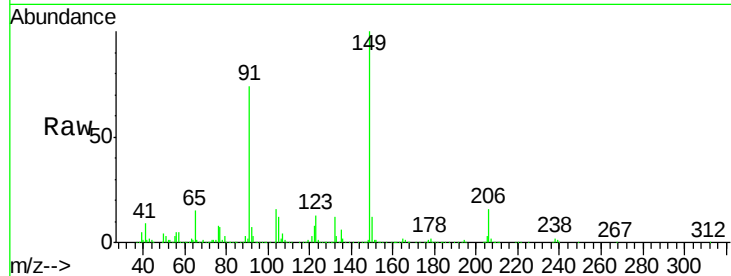
#79
Butylbenzylphthalate
Concen: 42.842 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.8	85.2
206	16.3	14.1	21.1

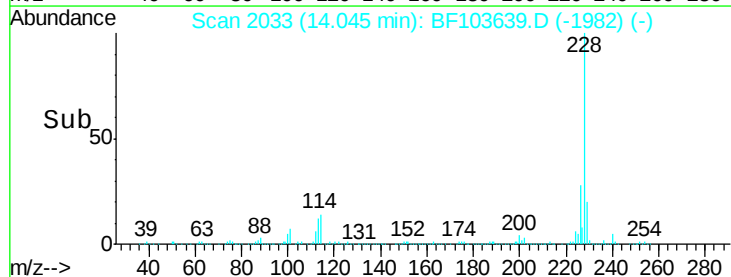
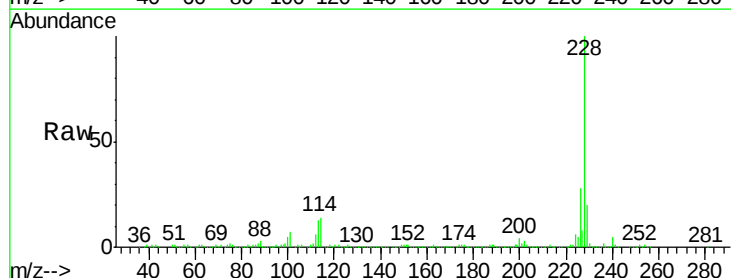
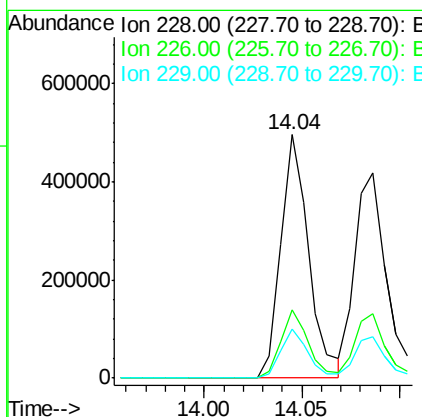
Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#80
Benzo(a)anthracene
Concen: 34.547 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6





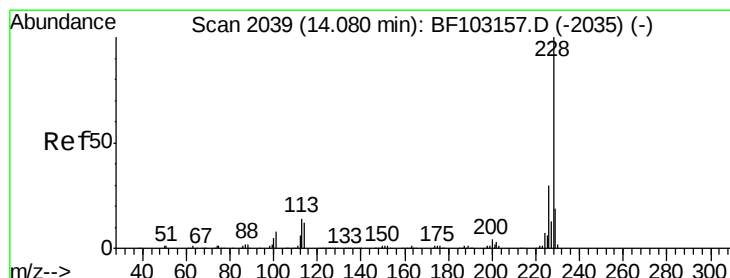
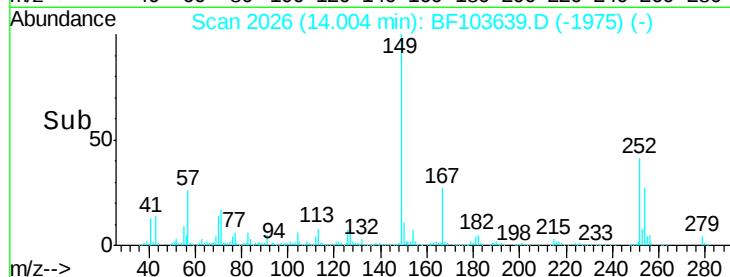
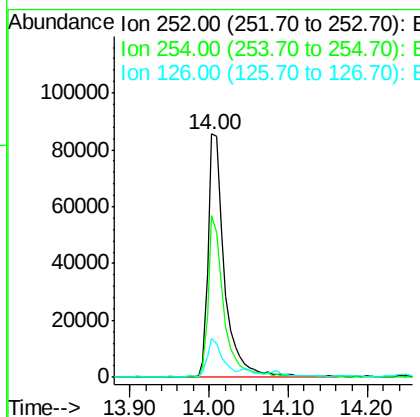
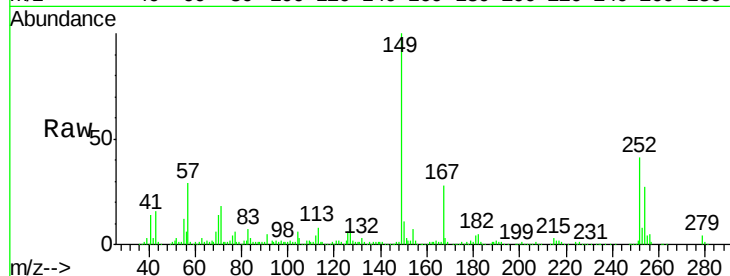
#81
 3,3'-Dichlorobenzidine
 Concen: 24.551 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	15.7	11.3	16.9

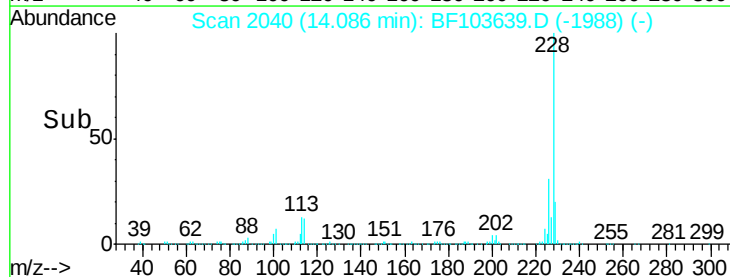
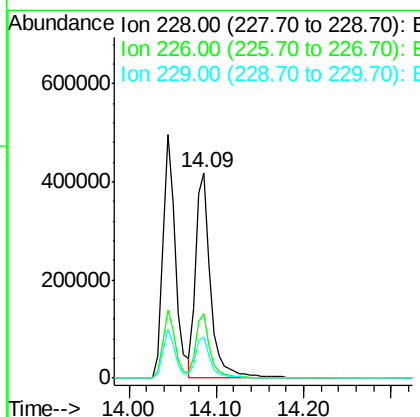
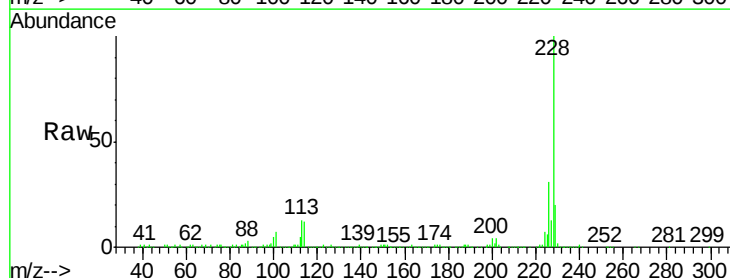
Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM



#82
 Chrysene
 Concen: 35.821 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.0	16.2	24.4





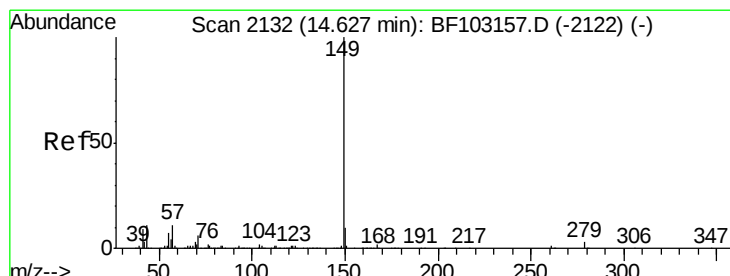
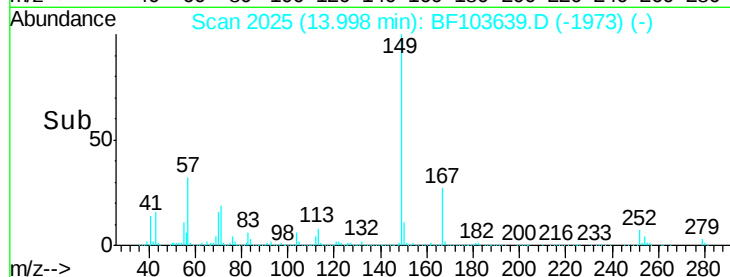
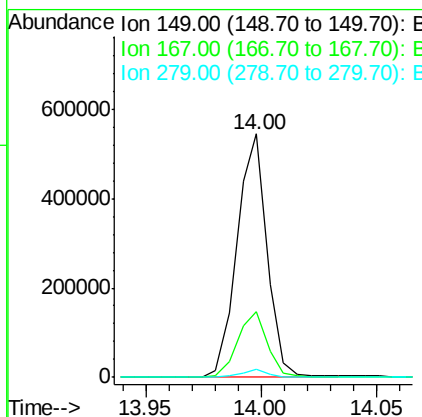
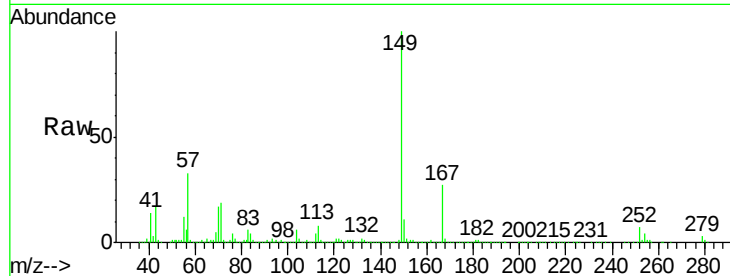
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.204 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.2	3.0	4.4

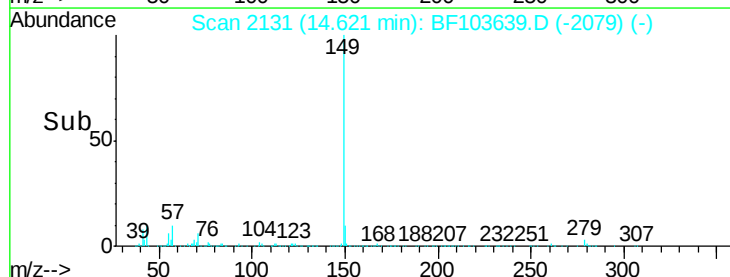
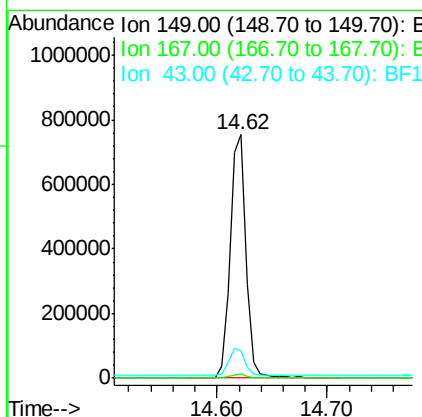
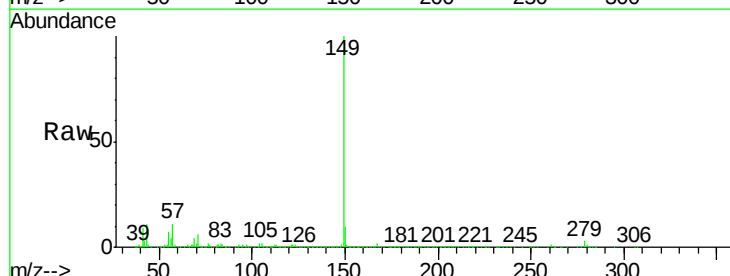
Manual Integrations
 APPROVED

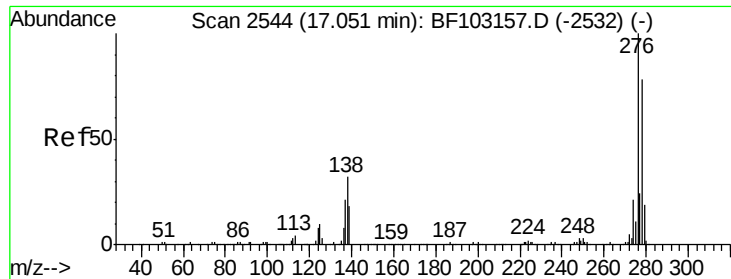
Sohil
 3/15/2018 6:57:00 PM



#84
 Di-n-octyl phthalate
 Concen: 38.345 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.5	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.771 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

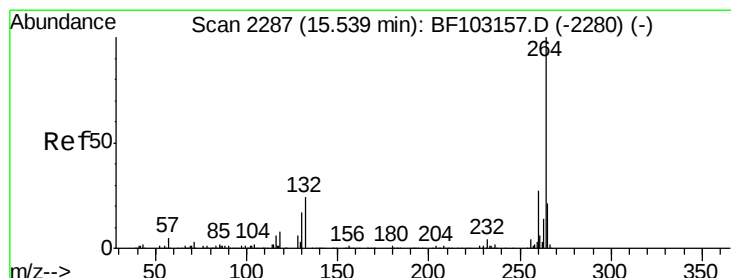
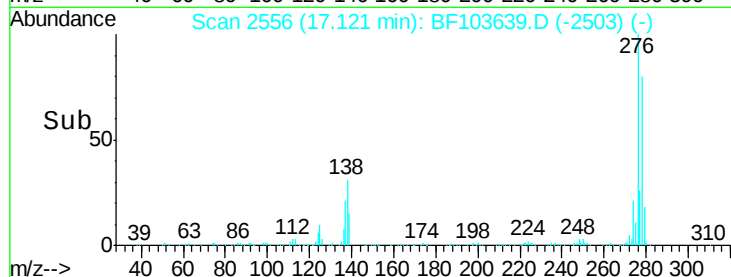
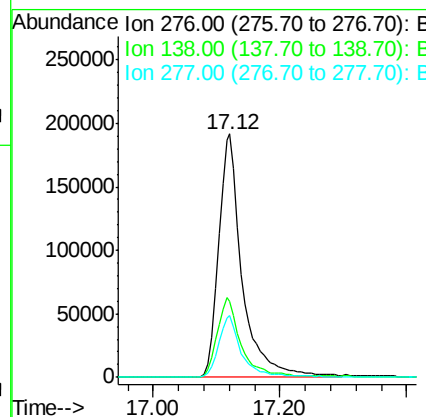
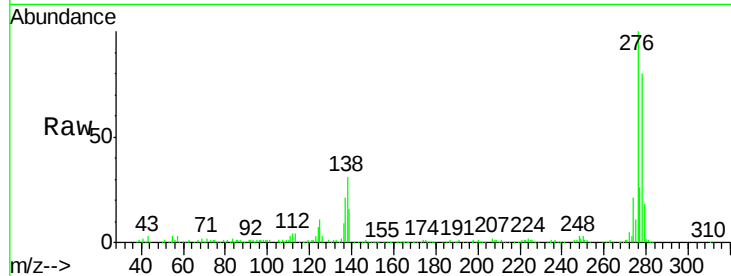
ClientSampled :

PB107325BS

Tot Ion:	276	Resp:	501450
Ion Ratio	Lower	Upper	
276	100		
138	33.0	25.0	37.6
277	25.4	20.1	30.1

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#86

Perylene-d12

Concen: 20.000 ng

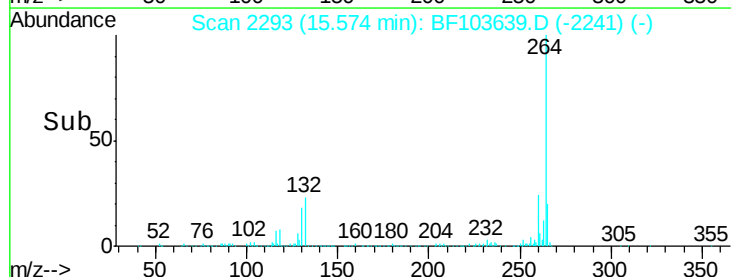
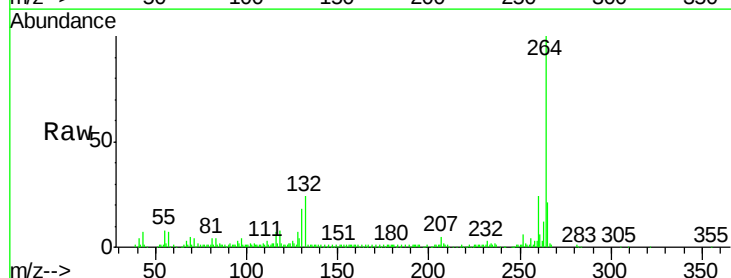
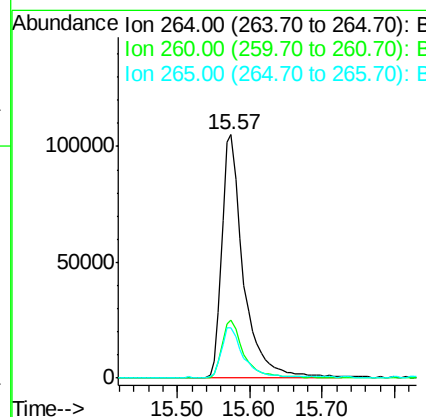
RT: 15.57 min Scan# 2293

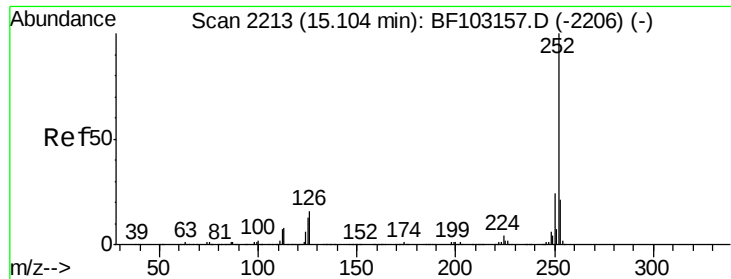
Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	264	Resp:	218287
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 29.651 ng/mL

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Instrument :

BNA_F

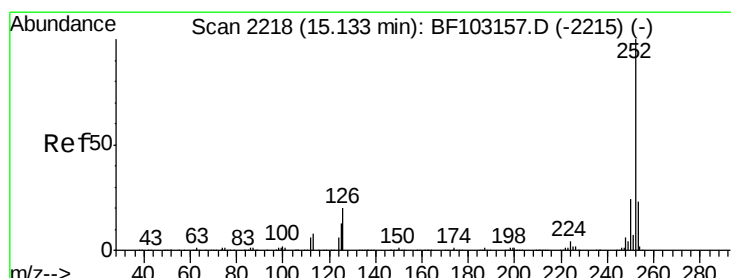
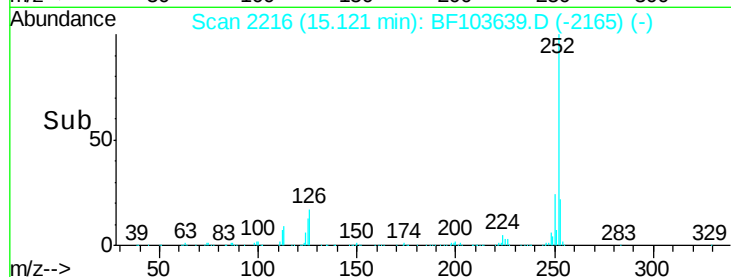
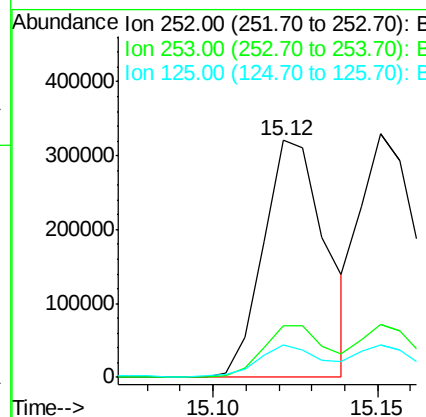
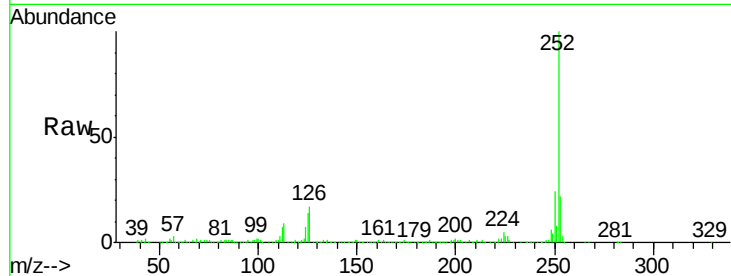
ClientSampleId :

PB107325BS

Tot Ion:	252	Resp:	425551
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	13.7	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/15/2018 6:57:00 PM



#88

Benzo(k)fluoranthene

Concen: 34.689 ng/mL

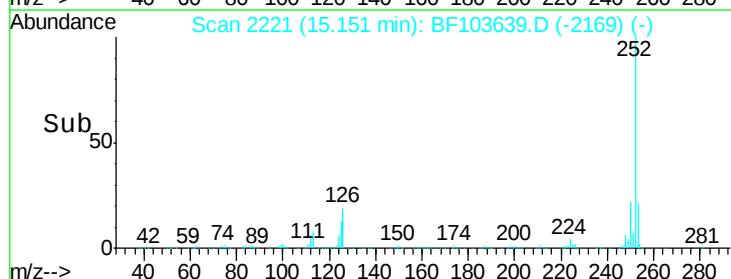
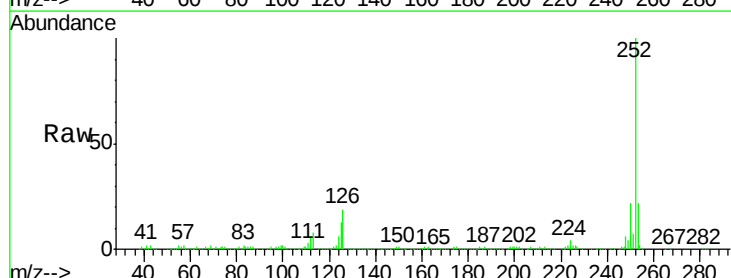
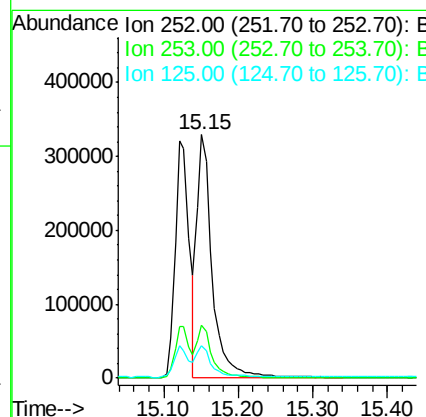
RT: 15.15 min Scan# 2221

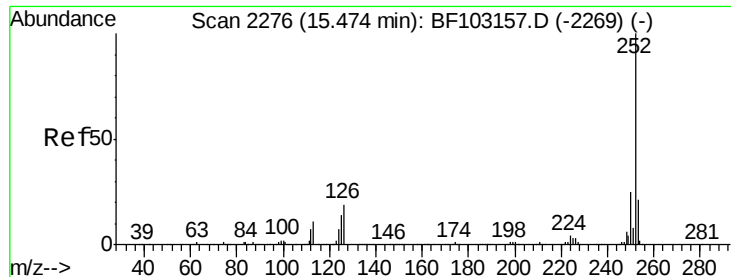
Delta R.T. 0.01 min

Lab File: BF103639.D

Acq: 14 Mar 2018 14:38

Tgt Ion:	252	Resp:	468816
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	13.2	10.2	15.2





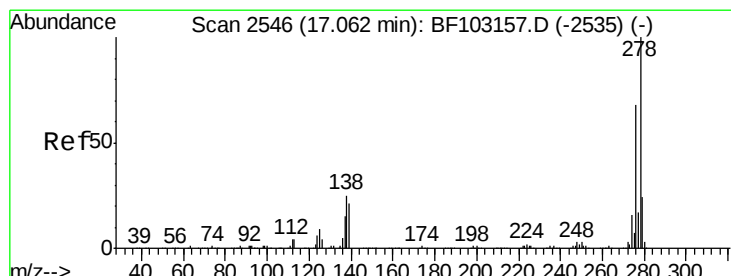
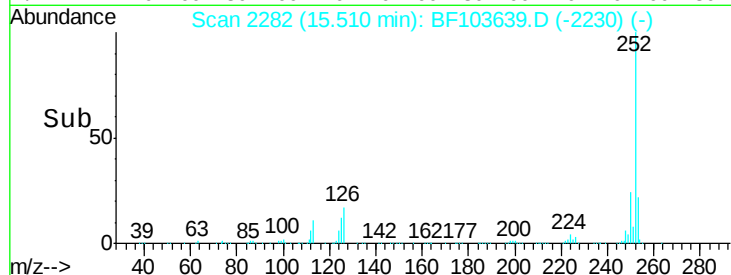
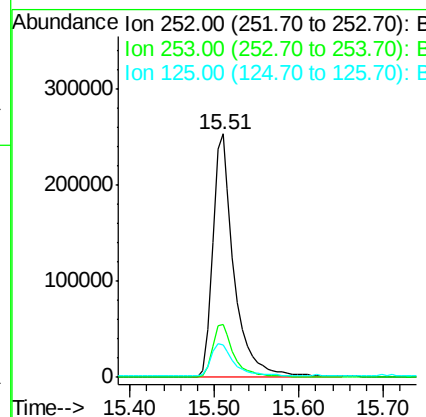
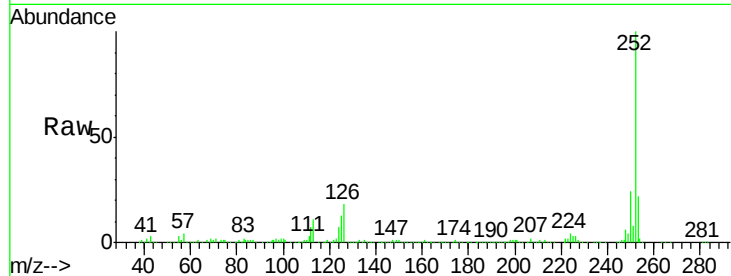
#89
Benzo(a)pyrene
Concen: 34.837 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107325BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.1	9.8	14.6

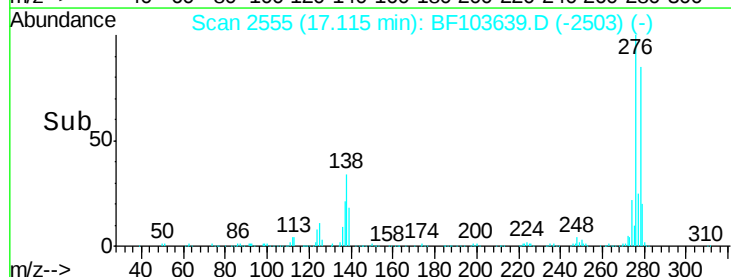
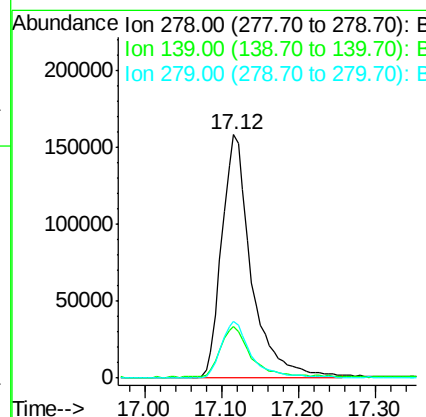
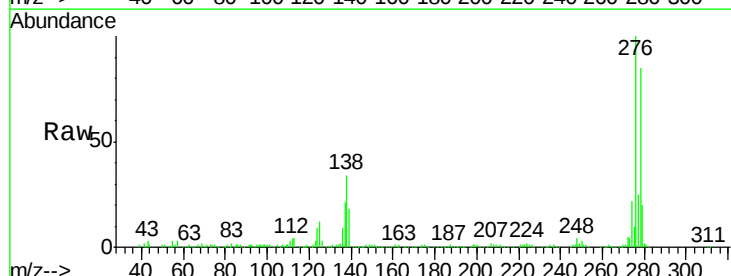
Manual Integrations
APPROVED

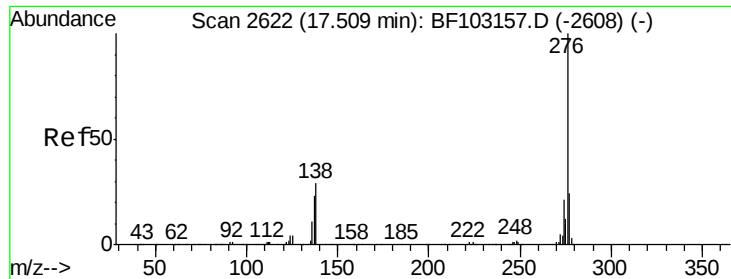
Sohil
3/15/2018 6:57:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.926 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF103639.D
Acq: 14 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.346 ng
 RT: 17.59 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: BF103639.D
 Acq: 14 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107325BS

Tot Ion:	276	Resp:	429226
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	29.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:00 PM

