

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105147.D
 Acq On : 8 May 2018 16:48
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:50:52 PM

Quant Time: May 08 19:04:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	194657	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	779693	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	381120	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	752004	20.00	ng	0.00
75) Chrysene-d12	14.03	240	588885	20.00	ng	0.01
86) Perylene-d12	15.60	264	566957	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	857339	72.56	ng	0.00
7) Phenol-d6	6.42	99	1039730	73.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	884432	76.88	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	328502	78.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1707633	69.54	ng	0.00
78) Terphenyl-d14	12.91	244	1751455	69.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	209432	33.524	ng	88
3) Pyridine	3.23	79	585443	34.944	ng	88
4) n-Nitrosodimethylamine	3.20	42	294437	34.673	ng	84
6) Aniline	6.46	93	716044	34.848	ng	94
8) 2-Chlorophenol	6.57	128	460295	36.723	ng	95
9) Benzaldehyde	6.35	77	375376	34.810	ng	98
10) Phenol	6.43	94	553162	35.330	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	442291	34.275	ng	93
12) 1,3-Dichlorobenzene	6.73	146	520829	34.473	ng	99
13) 1,4-Dichlorobenzene	6.81	146	533549	35.317	ng	99
14) 1,2-Dichlorobenzene	6.96	146	488168	35.030	ng	99
15) Benzyl Alcohol	6.93	79	400987	37.239	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	821191	34.244	ng	97
17) 2-Methylphenol	7.04	107	384553	35.534	ng	99
18) Hexachloroethane	7.30	117	181140	37.260	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	328185	35.232	ng	92
20) 3+4-Methylphenols	7.20	107	465717	36.619	ng	# 80
22) Acetophenone	7.20	105	624611	34.368	ng	# 91
24) Nitrobenzene	7.38	77	491652	37.691	ng	99
25) Isophorone	7.62	82	898318	34.915	ng	98
26) 2-Nitrophenol	7.69	139	204037	40.938	ng	96
27) 2,4-Dimethylphenol	7.73	122	412823	36.106	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	552507	34.796	ng	99
29) 2,4-Dichlorophenol	7.93	162	392151	36.662	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	430868	34.927	ng	98
31) Naphthalene	8.10	128	1296607	34.537	ng	99
32) Benzoic acid	7.83	122	252651	40.532	ng	93
33) 4-Chloroaniline	8.15	127	555071	35.556	ng	97
34) Hexachlorobutadiene	8.22	225	247912	34.690	ng	99
35) Caprolactam	8.52	113	122046	37.570	ng	# 80
36) 4-Chloro-3-methylphenol	8.62	107	403296	36.214	ng	96
37) 2-Methylnaphthalene	8.79	142	907946	34.698	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	433569	35.750	ng	98
40) Hexachlorocyclopentadiene	8.94	237	268960	41.013	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105147.D
 Acq On : 8 May 2018 16:48
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:50:52 PM

Quant Time: May 08 19:04:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	273784	37.001	ng	95
43) 2,4,5-Trichlorophenol	9.10	196	297610	38.493	ng	91
45) 1,1'-Biphenyl	9.25	154	1092607	35.186	ng	99
46) 2-Chloronaphthalene	9.27	162	821027	35.376	ng	97
47) 2-Nitroaniline	9.37	65	256701	39.562	ng	86
48) Acenaphthylene	9.69	152	1290057	35.990	ng	99
49) Dimethylphthalate	9.56	163	950012	36.821	ng	98
50) 2,6-Dinitrotoluene	9.62	165	219673	39.239	ng	96
51) Acenaphthene	9.86	154	826961	35.798	ng	98
52) 3-Nitroaniline	9.79	138	235197	39.885	ng	93
53) 2,4-Dinitrophenol	9.89	184	80766	46.171	ng	# 16
54) Dibenzofuran	10.03	168	1205564	35.677	ng	100
55) 4-Nitrophenol	9.93	139	194232	38.932	ng	98
56) 2,4-Dinitrotoluene	10.02	165	285350	39.062	ng	97
57) Fluorene	10.38	166	860713	34.732	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	262915	38.097	ng	# 88
59) Diethylphthalate	10.26	149	948933	37.424	ng	96
60) 4-Chlorophenyl-phenylether	10.37	204	419540	36.367	ng	89
61) 4-Nitroaniline	10.40	138	232558	39.632	ng	98
62) Azobenzene	10.53	77	937784	35.453	ng	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	120830	44.407	ng	82
65) n-Nitrosodiphenylamine	10.49	169	814949	34.765	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	281968	35.157	ng	# 88
67) Hexachlorobenzene	10.92	284	323967	35.057	ng	# 90
68) Atrazine	11.02	200	264652	36.022	ng	97
69) Pentachlorophenol	11.12	266	198313	38.108	ng	99
70) Phenanthrene	11.34	178	1338351	33.757	ng	99
71) Anthracene	11.39	178	1400608	34.768	ng	99
72) Carbazole	11.54	167	1270790	35.008	ng	99
73) Di-n-butylphthalate	11.88	149	1447908	37.293	ng	99
74) Fluoranthene	12.53	202	1456712	35.262	ng	98
76) Benzidine	12.66	184	830441	37.764	ng	96
77) Pyrene	12.76	202	1505672	35.153	ng	99
79) Butylbenzylphthalate	13.41	149	586837	39.360	ng	96
80) Benzo(a)anthracene	14.02	228	1254966	35.139	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	518556	38.621	ng	# 96
82) Chrysene	14.06	228	1282099	34.858	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	723940	40.880	ng	100
84) Di-n-octyl phthalate	14.72	149	1297514	39.256	ng	97
85) Indeno(1,2,3-cd)pyrene	17.05	276	1015998	34.858	ng	94
87) Benzo(b)fluoranthene	15.17	252	1240334	35.759	ng	98
88) Benzo(k)fluoranthene	15.20	252	1163893m	34.605	ng	
89) Benzo(a)pyrene	15.54	252	1137273	36.051	ng	97
90) Dibenzo(a,h)anthracene	17.07	278	826778	33.744	ng	95
91) Benzo(g,h,i)perylene	17.49	276	816268	34.053	ng	95

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

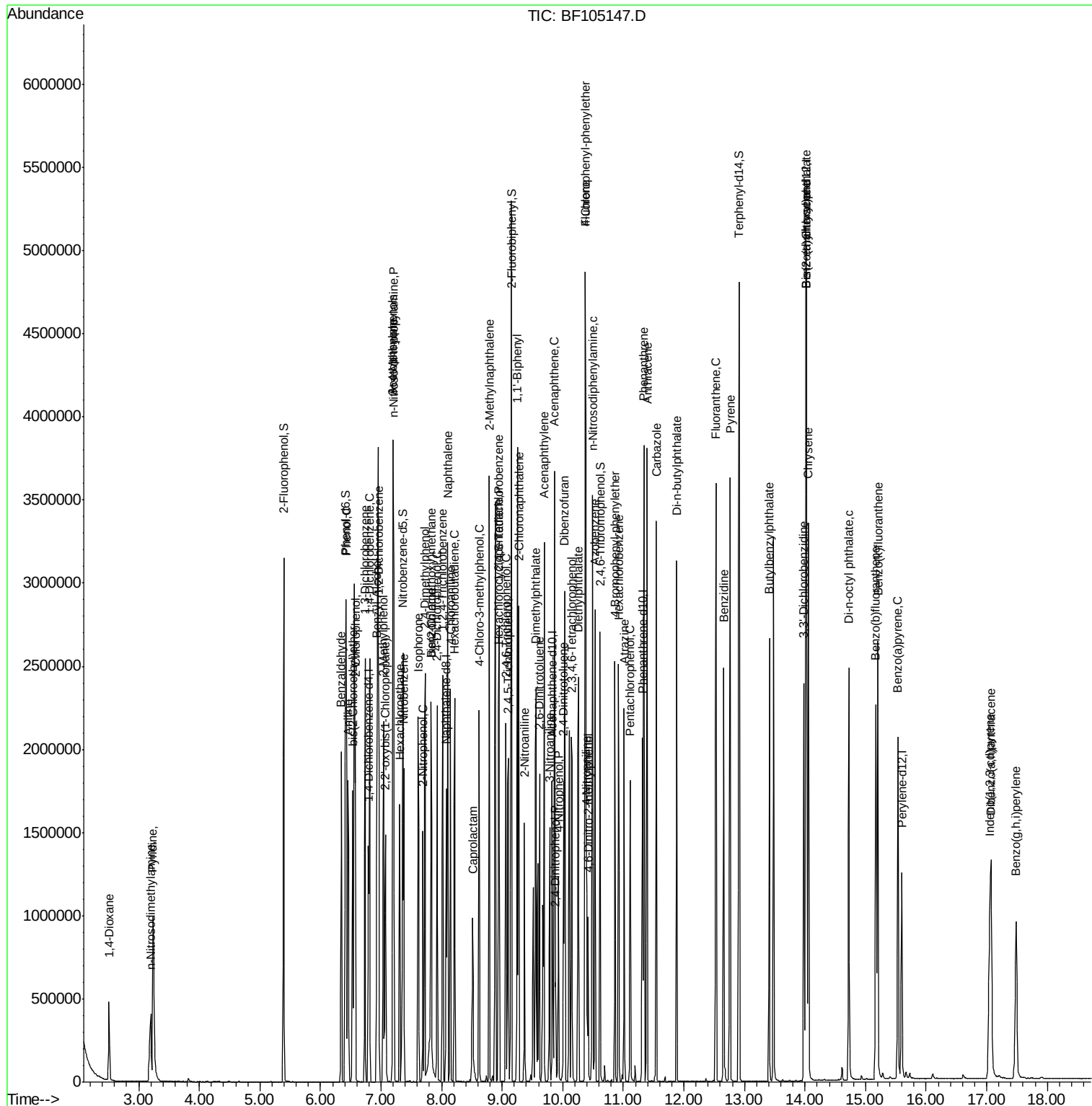
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105147.D
Acq On    : 8 May 2018 16:48
Operator  : JU/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
```

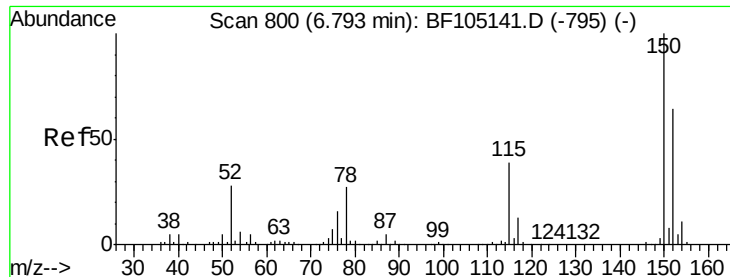
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil
5/9/2018 6:50:52 PM

Quant Time: May 08 19:04:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration





#1

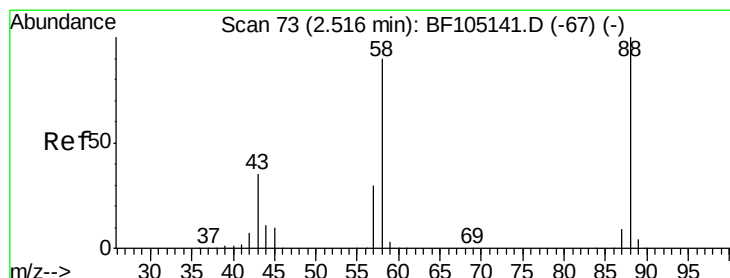
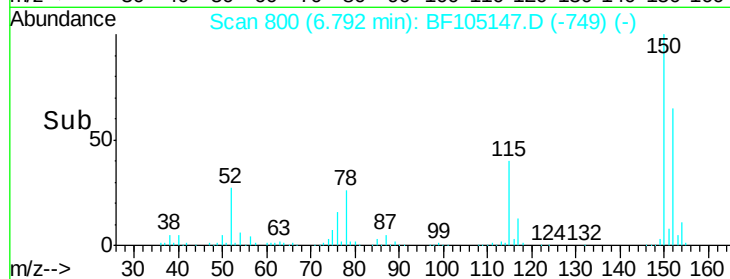
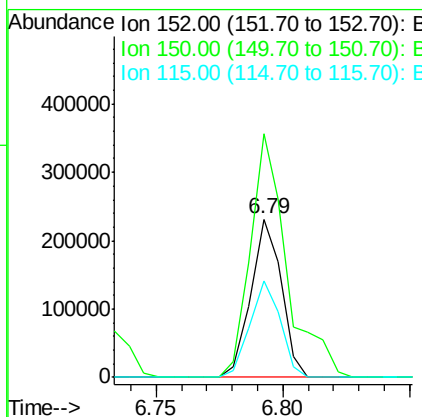
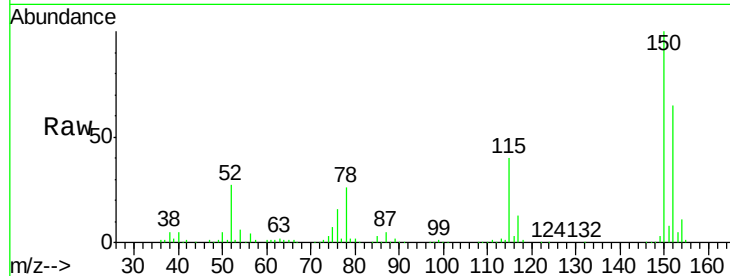
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	61.2	50.1	75.1

Manual Integrations
APPROVED

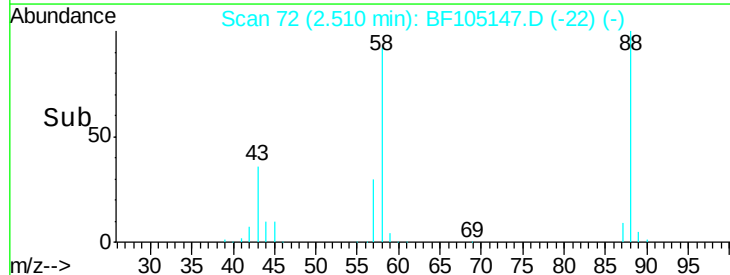
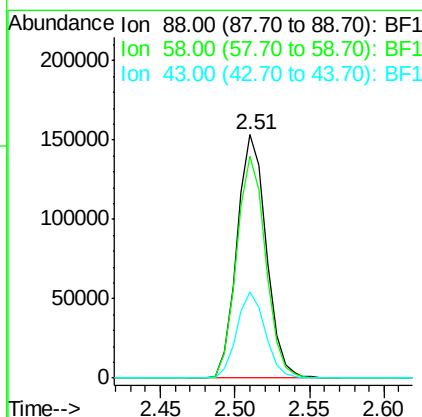
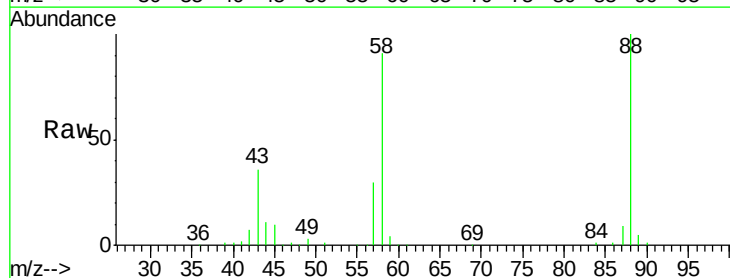
Sohil
5/9/2018 6:50:52 PM

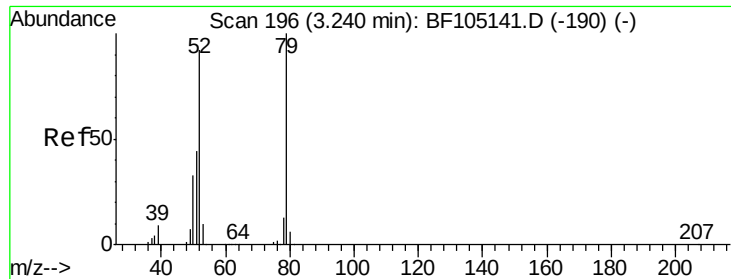


#2

1,4-Dioxane
Concen: 33.524 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	62.6	93.8
43	34.3	24.6	37.0





#3

Pvridine

Concen: 34.944 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

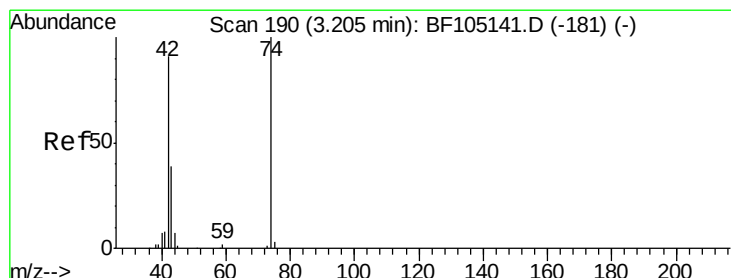
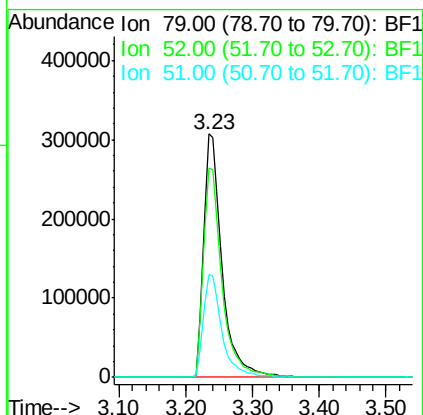
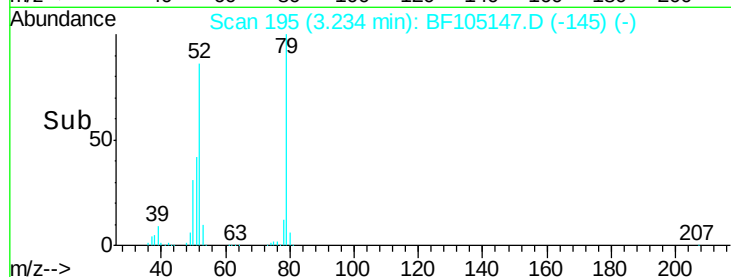
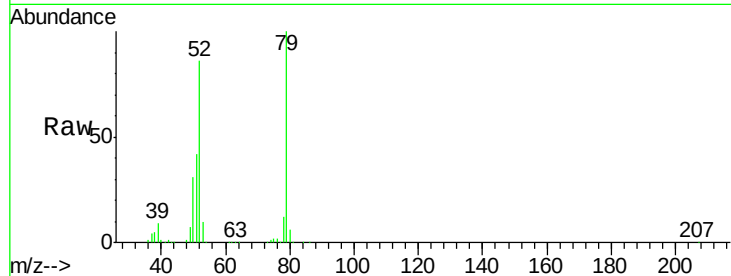
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	585443
Ion Ratio	Lower	Upper	
79	100		
52	86.1	59.8	89.6
51	42.2	29.8	44.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



#4

n-Nitrosodimethylamine

Concen: 34.673 ng

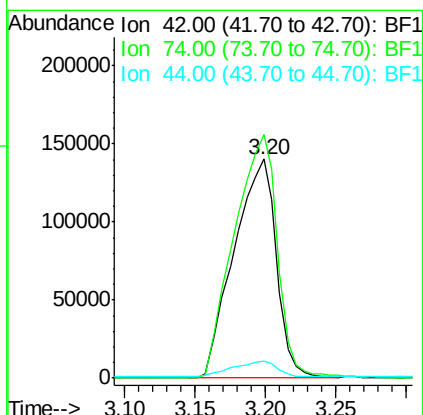
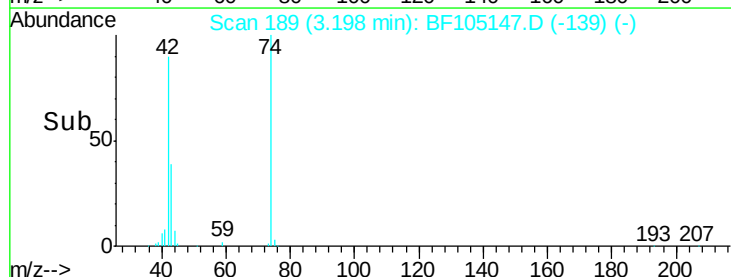
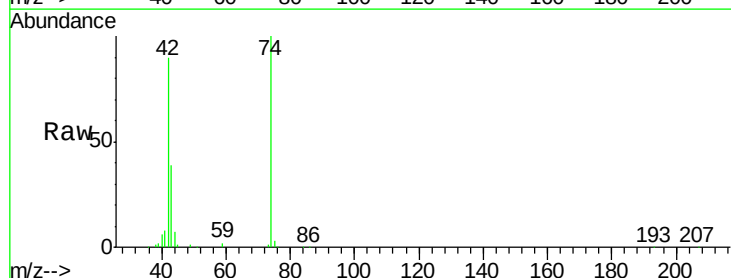
RT: 3.20 min Scan# 189

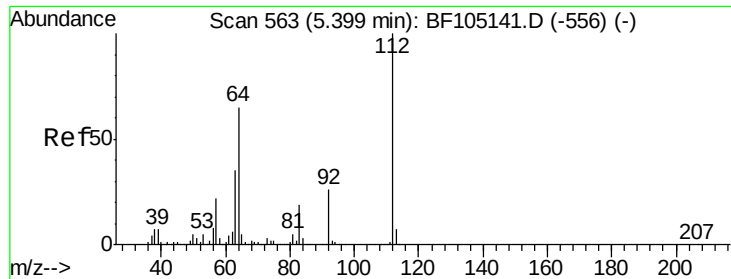
Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion:	42	Resp:	294437
Ion Ratio	Lower	Upper	
42	100		
74	111.1	104.9	157.3
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 72.559 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

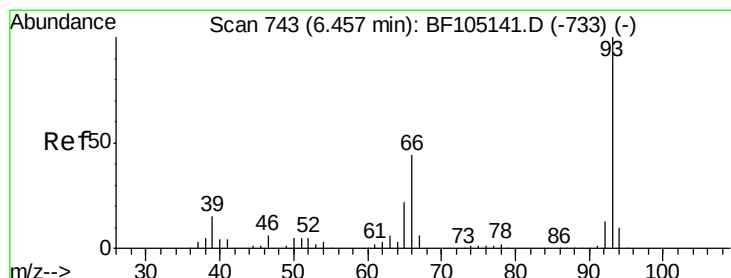
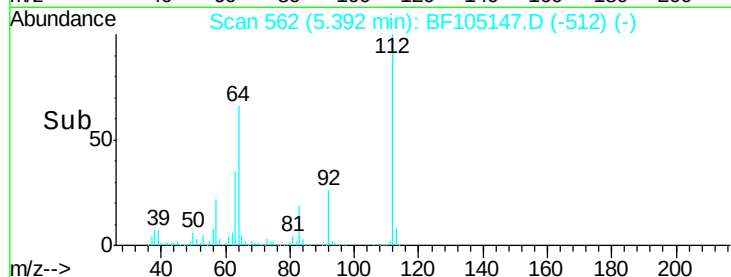
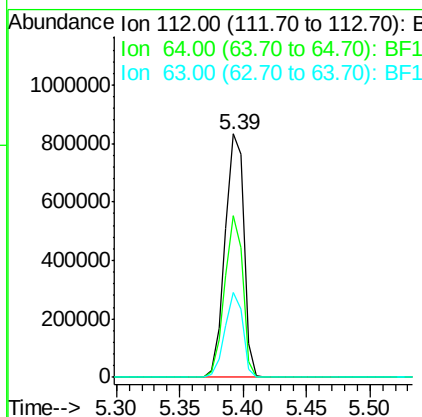
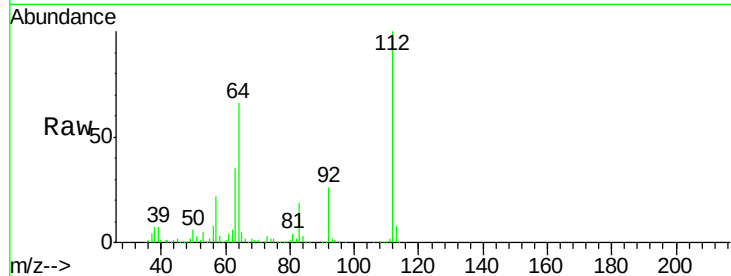
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		857339		
64	66.3		47.9	71.9	
63	34.7		23.7	35.5	

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



#6

Aniline

Concen: 34.848 ng

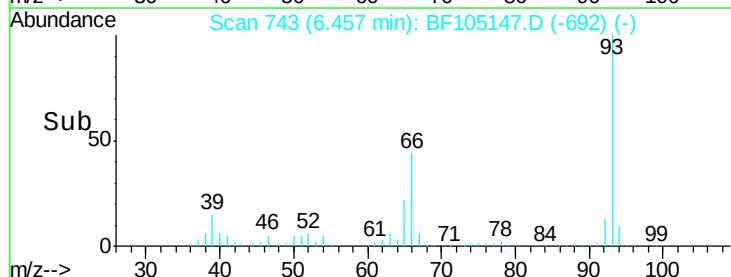
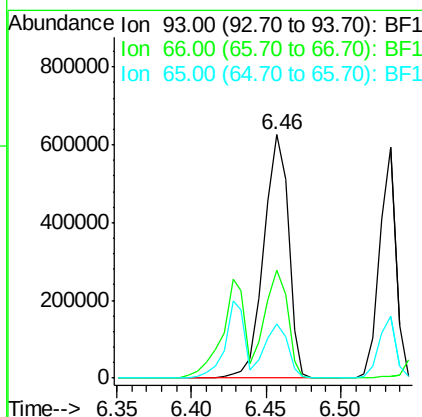
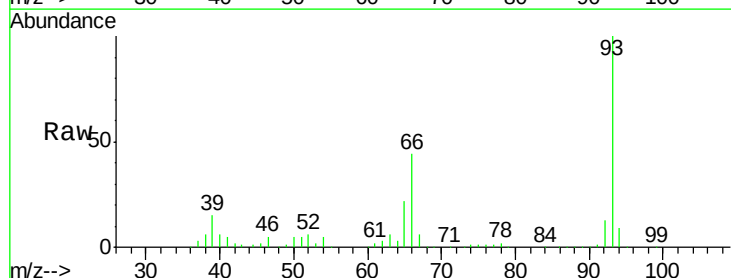
RT: 6.46 min Scan# 743

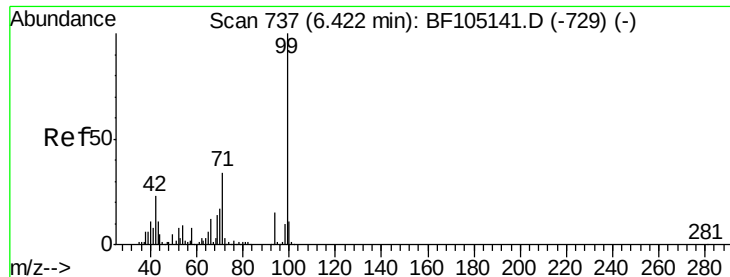
Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		716044		
66	44.2		32.2	48.2	
65	22.4		16.4	24.6	





#7

Phenol-d6

Concen: 73.902 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1039730

Ion Ratio Lower Upper

99 100

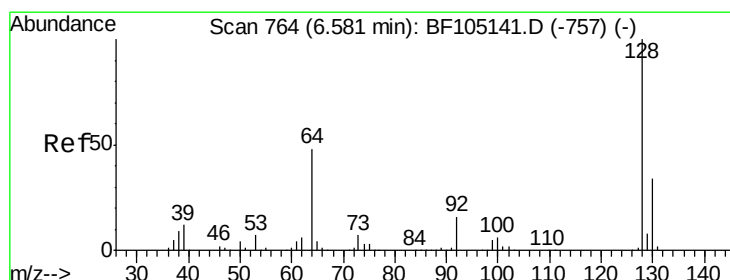
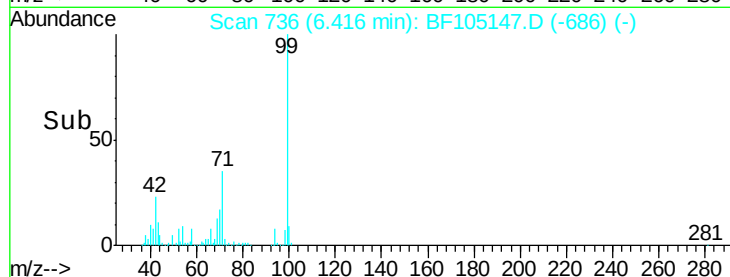
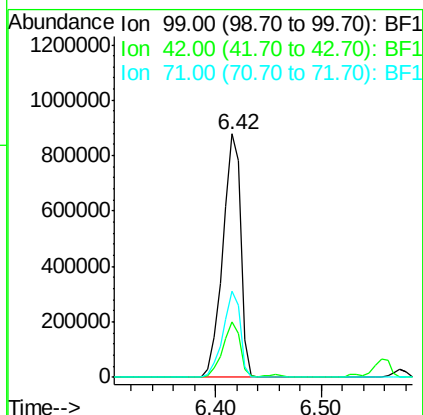
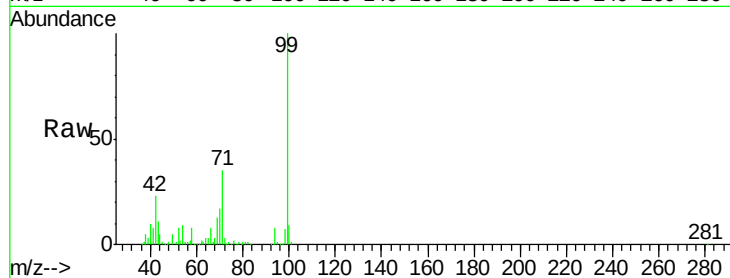
42 23.0 14.5 21.7#

71 35.3 25.4 38.0

Manual Integrations
APPROVED

Sohil

5/9/2018 6:50:52 PM



#8

2-Chlorophenol

Concen: 36.723 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

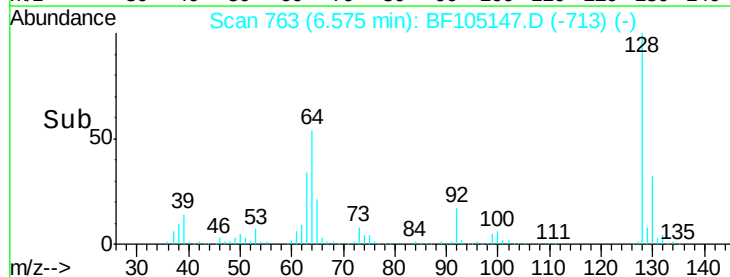
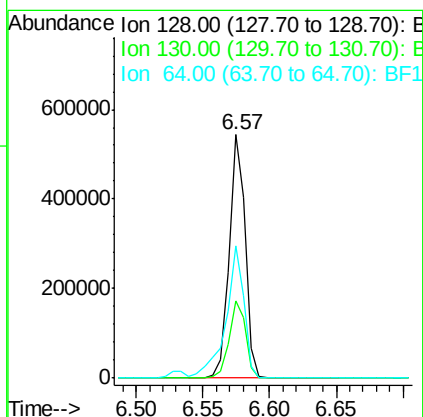
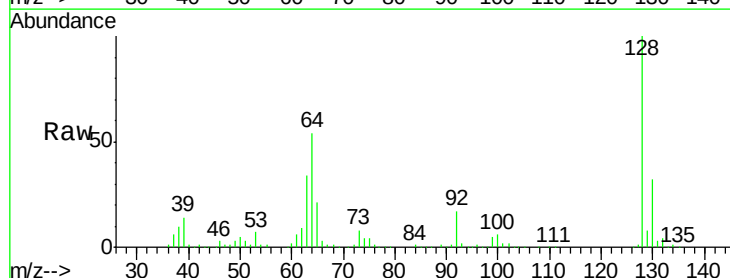
Tgt Ion: 128 Resp: 460295

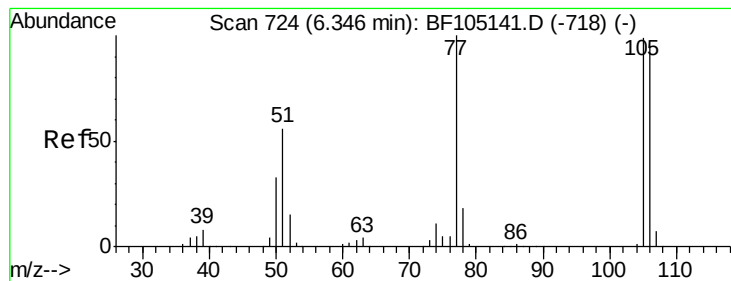
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 54.1 29.4 69.4





#9

Benzaldehyde

Concen: 34.810 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 77 Resp: 375376

Ion Ratio Lower Upper

77 100

105 101.6 81.1 121.1

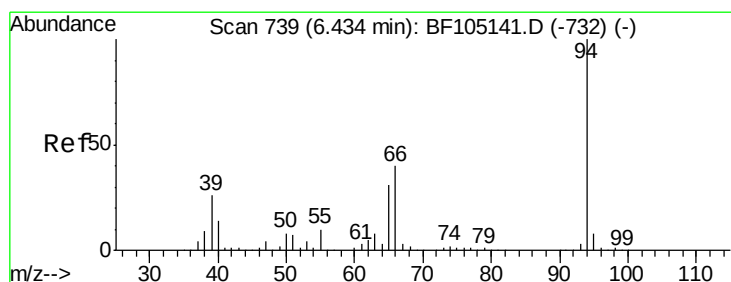
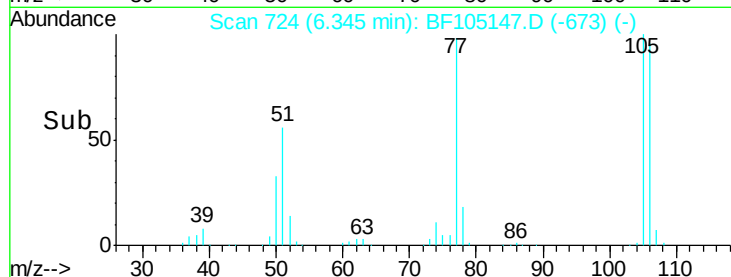
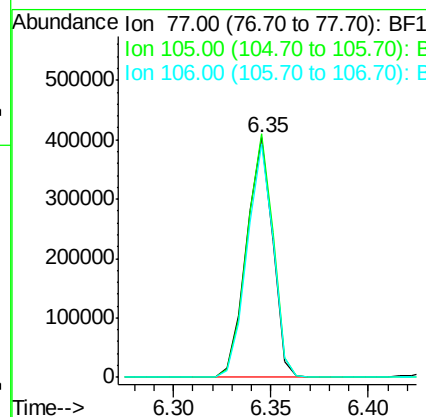
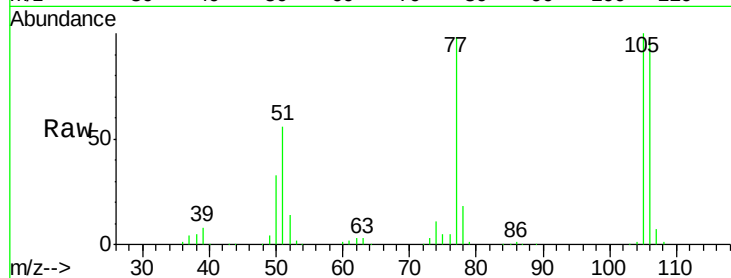
106 97.2 74.5 114.5

Manual Integrations

APPROVED

Sohil

5/9/2018 6:50:52 PM



#10

Phenol

Concen: 35.330 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

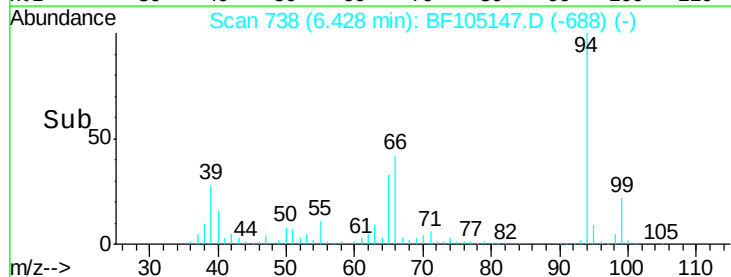
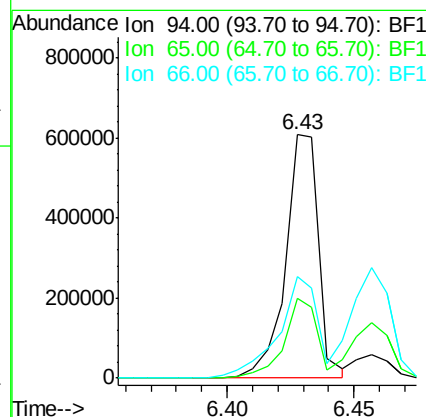
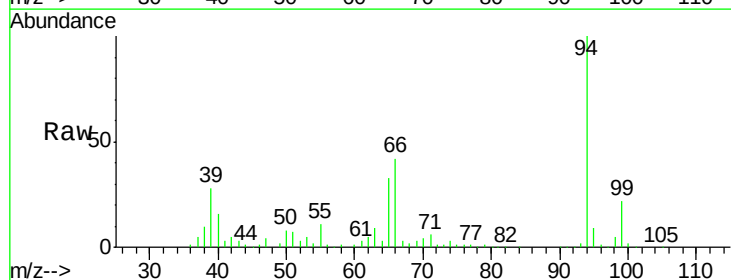
Tgt Ion: 94 Resp: 553162

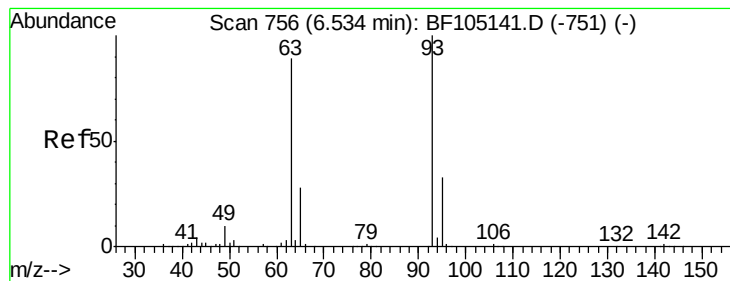
Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

66 41.8 16.2 56.2





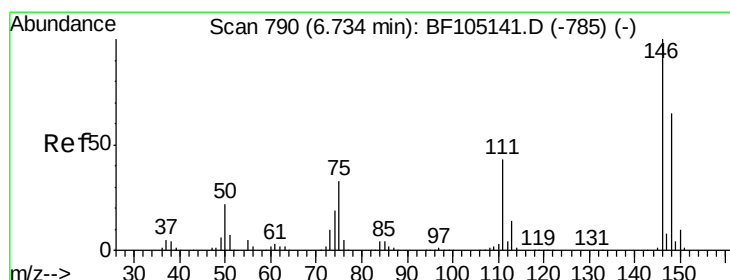
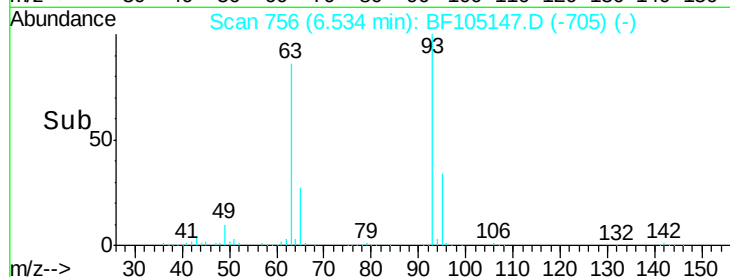
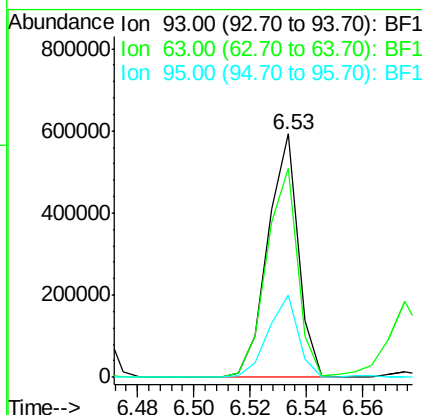
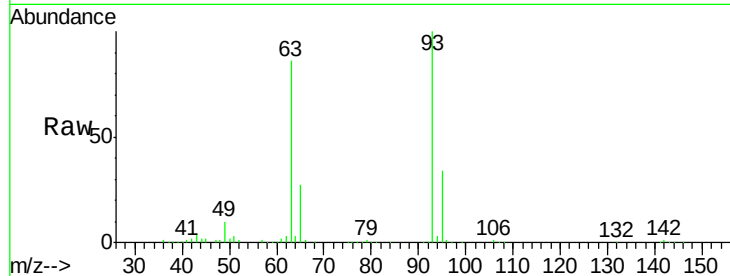
#11
bis(2-Chloroethyl)ether
Concen: 34.275 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	442291
Ion	Ratio	Lower	Upper
93	100		
63	85.8	58.6	98.6
95	33.7	11.8	51.8

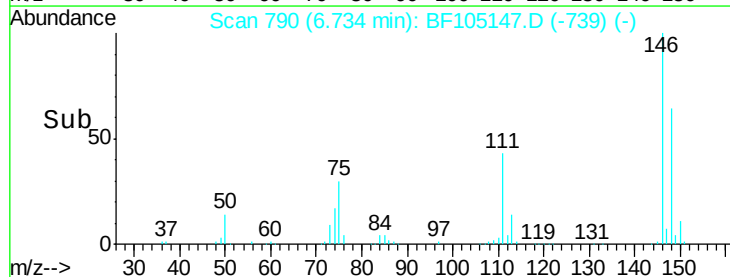
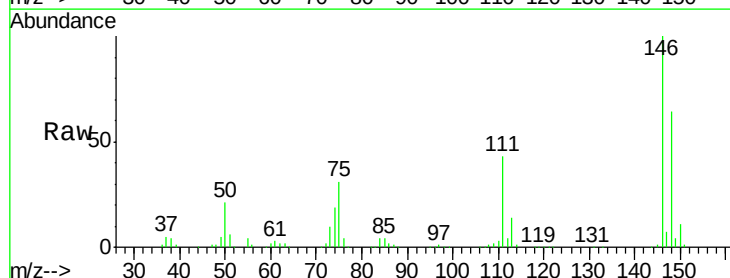
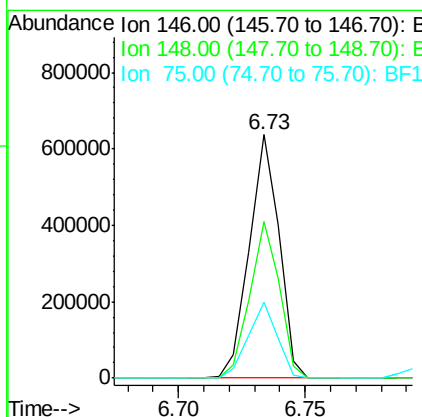
Manual Integrations
APPROVED

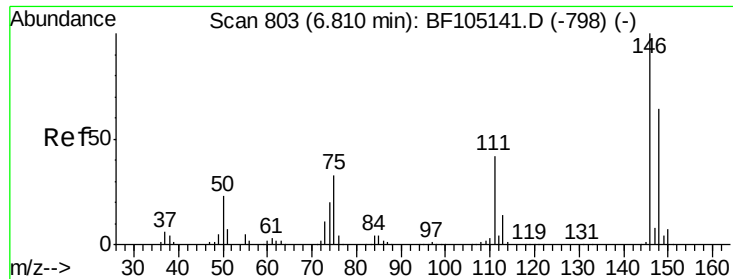
Sohil
5/9/2018 6:50:52 PM



#12
1,3-Dichlorobenzene
Concen: 34.473 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion:	146	Resp:	520829
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	31.1	24.2	36.4





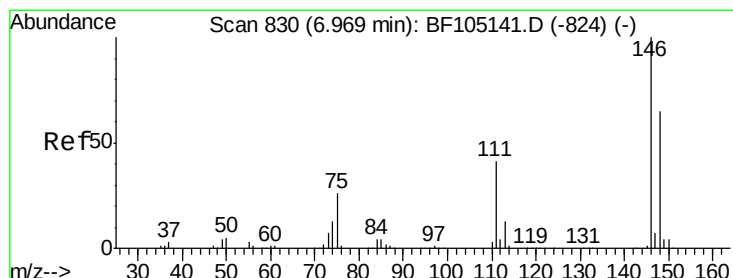
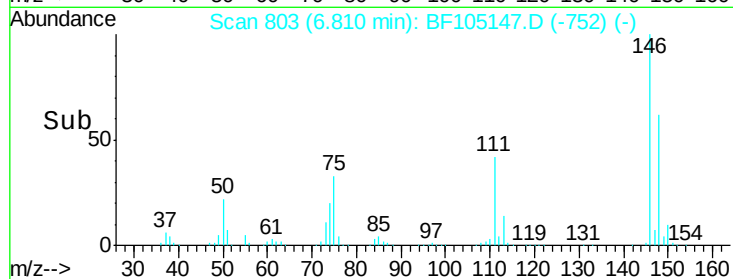
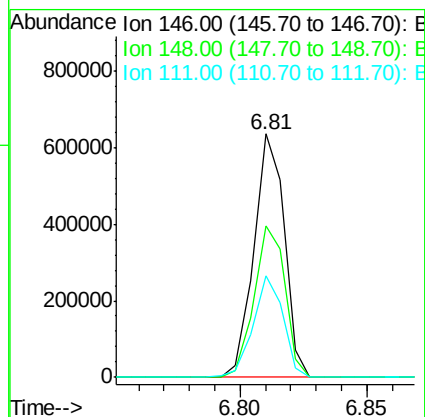
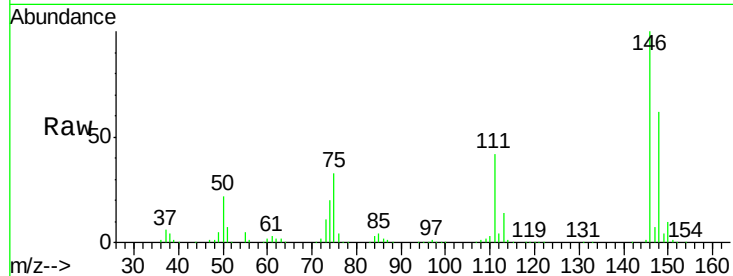
#13
 1,4-Dichlorobenzene
 Concen: 35.317 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	41.7	34.2	51.2

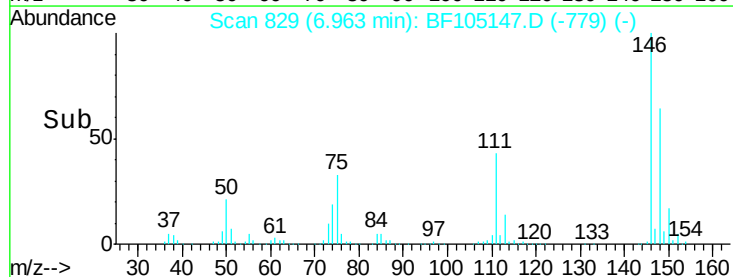
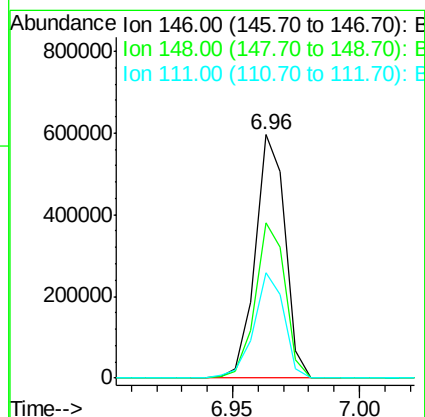
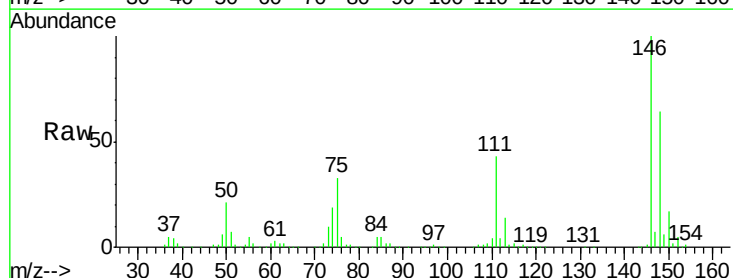
Manual Integrations
 APPROVED

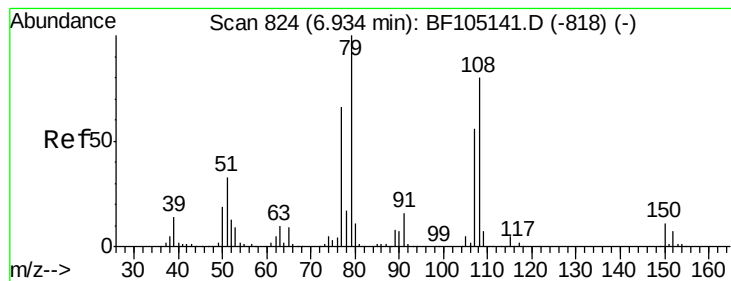
Sohil
 5/9/2018 6:50:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.030 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.239 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

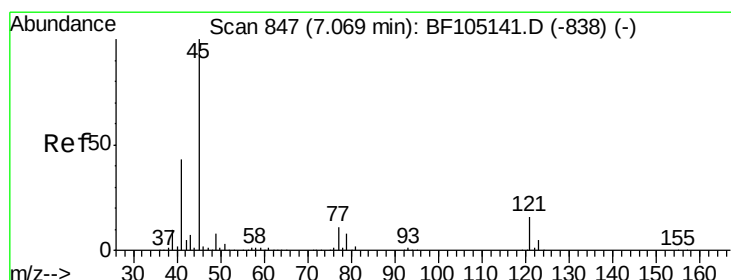
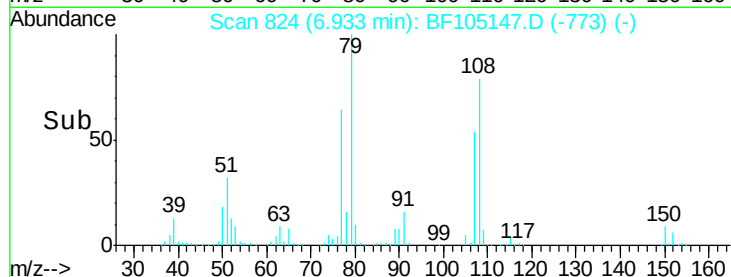
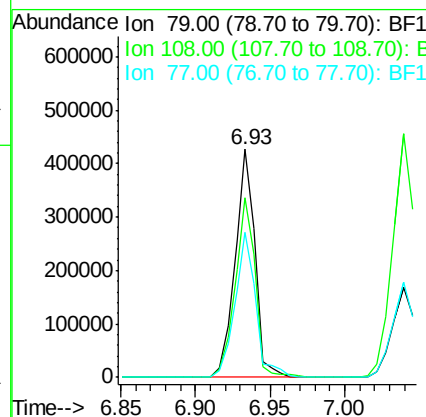
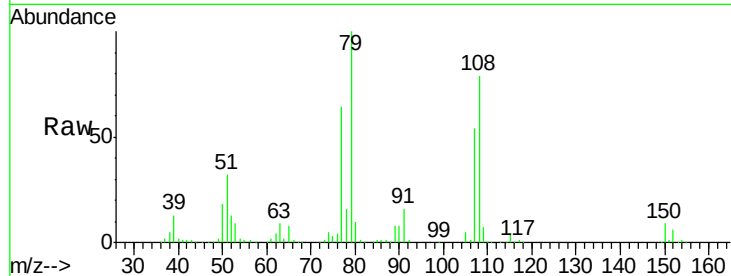
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	400987
Ion Ratio	Lower	Upper	
79	100		
108	78.7	65.1	97.7
77	63.9	50.6	75.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.244 ng

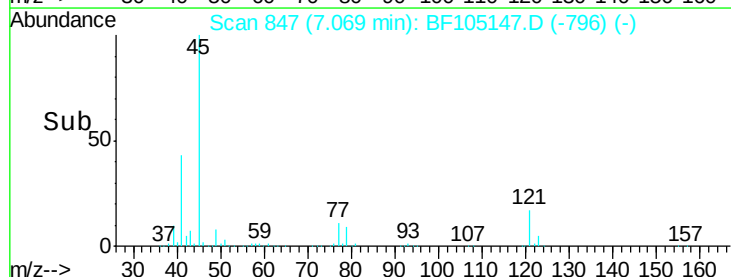
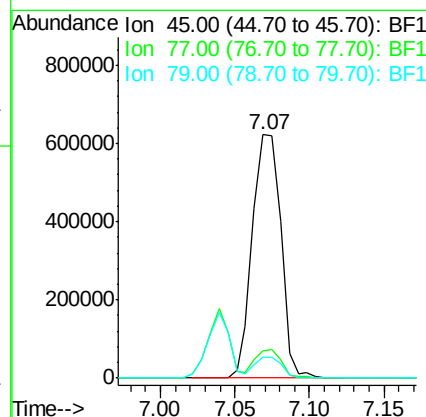
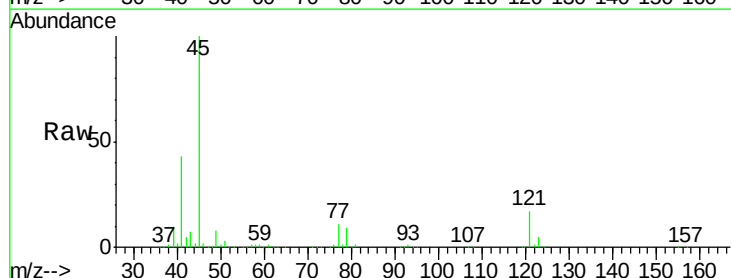
RT: 7.07 min Scan# 847

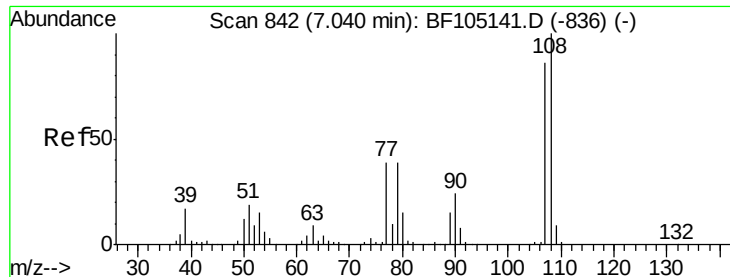
Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion:	45	Resp:	821191
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	32.9
79	8.5	0.0	29.6





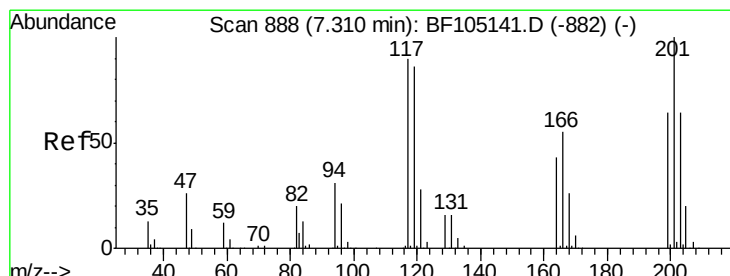
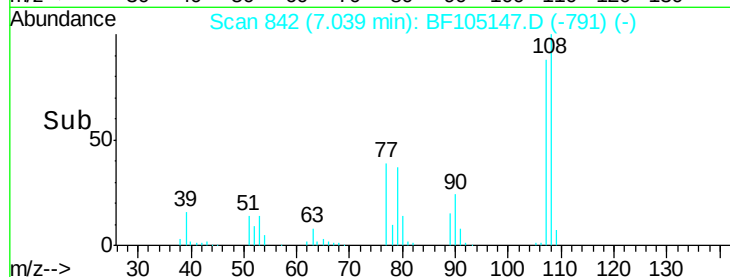
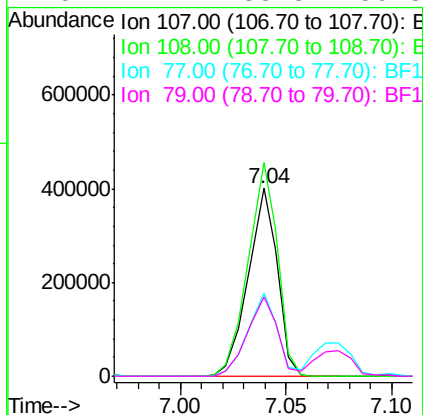
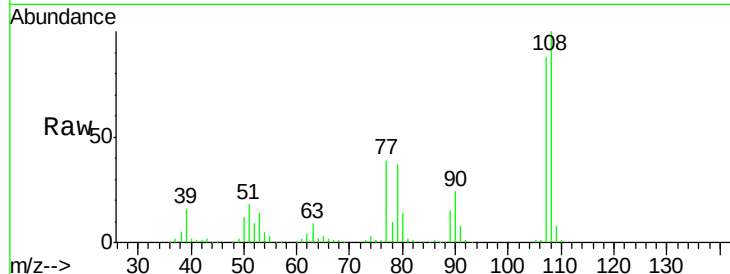
#17
2-Methylphenol
Concen: 35.534 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	44.3	33.8	50.8	
79	42.1	33.8	50.8	

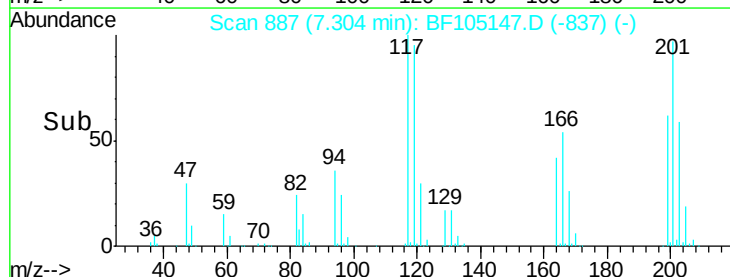
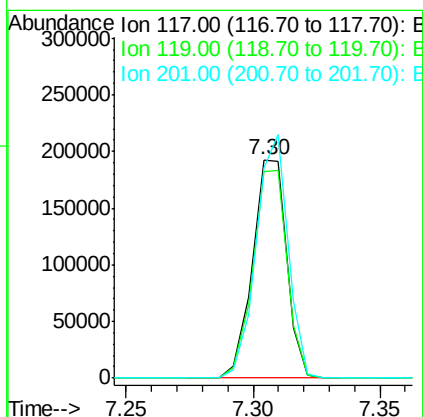
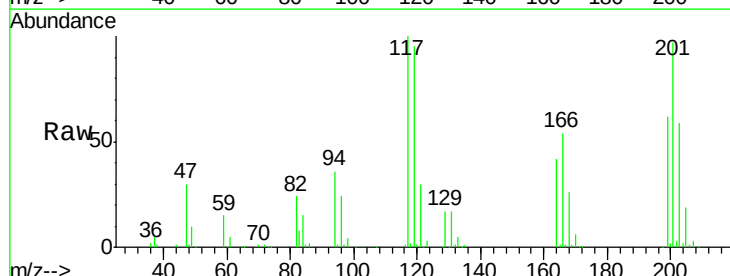
Manual Integrations
APPROVED

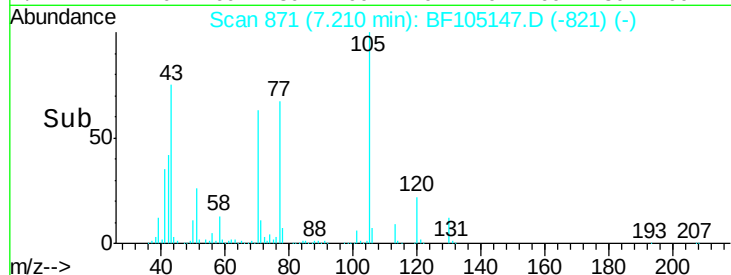
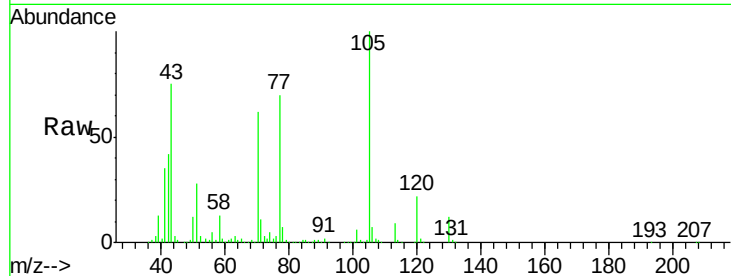
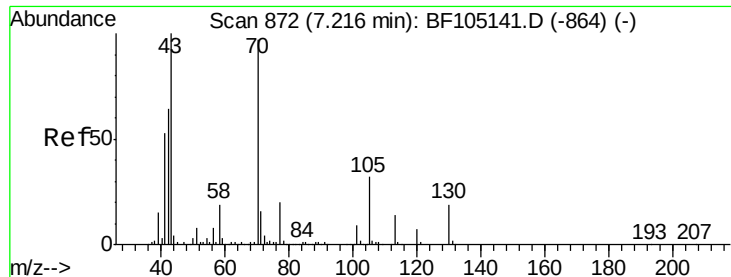
Sohil
5/9/2018 6:50:52 PM



#18
Hexachloroethane
Concen: 37.260 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	75.8	113.8	
201	96.5	75.7	113.5	





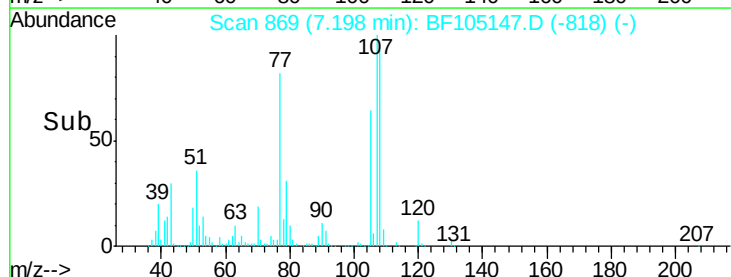
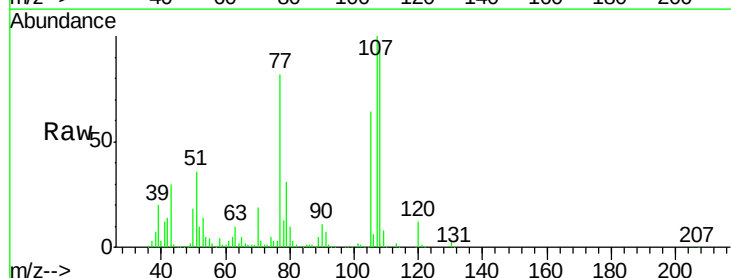
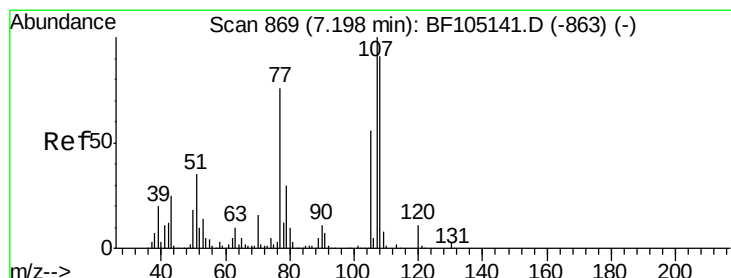
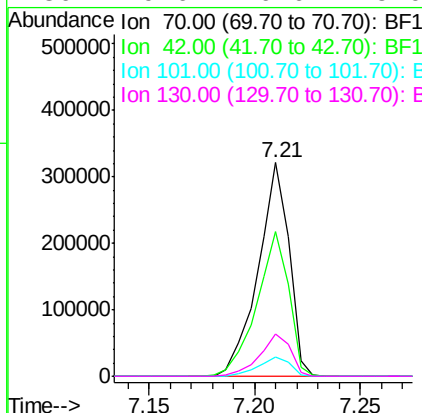
#19
n-Nitroso-di-n-propylamine
Concen: 35.232 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	47.5	71.3
101	8.9	7.4	11.2
130	19.6	16.6	25.0

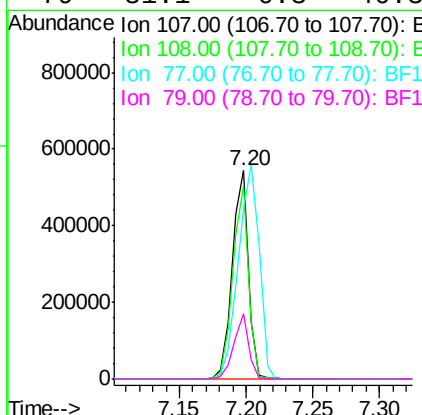
Manual Integrations
APPROVED

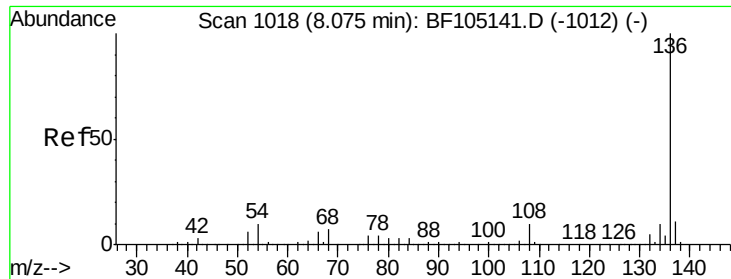
Sohil
5/9/2018 6:50:52 PM



#20
3+4-Methylphenols
Concen: 36.619 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	81.7	26.7	66.7#
79	31.1	6.3	46.3





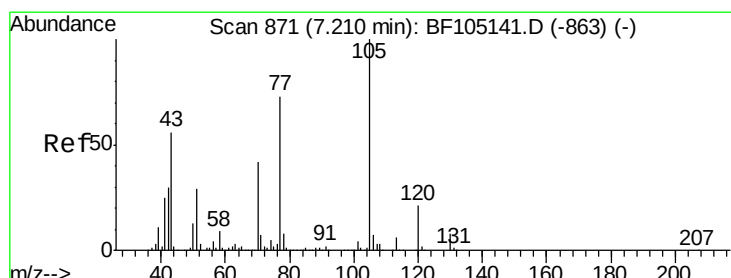
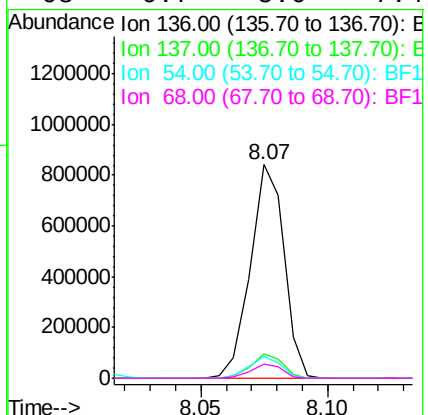
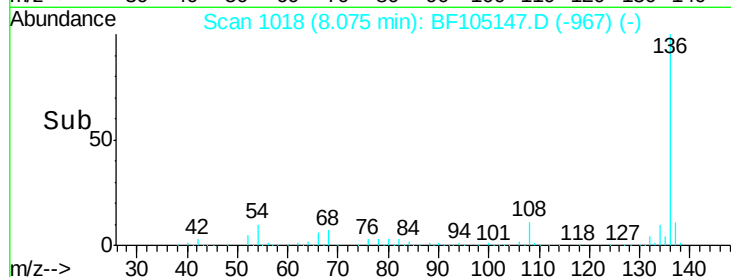
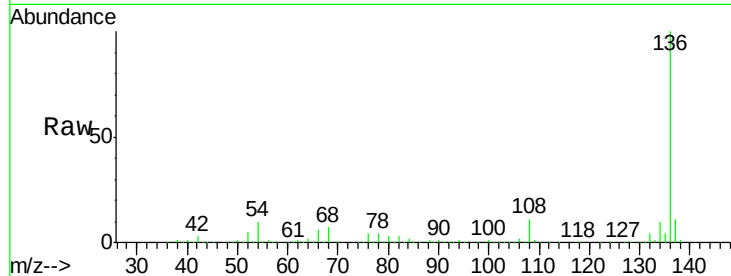
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	779693		
137	11.1	8.9	13.3	
54	10.0	6.6	9.8	
68	6.7	5.0	7.4	

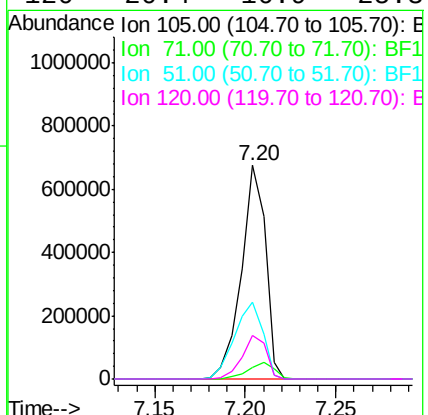
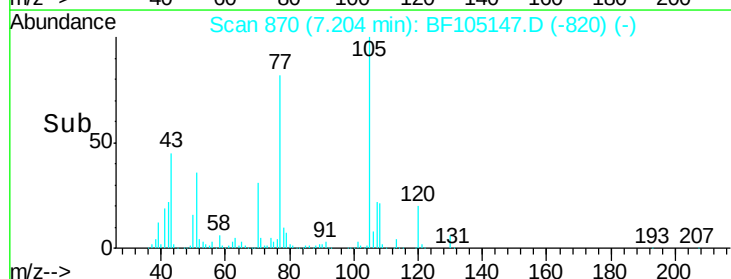
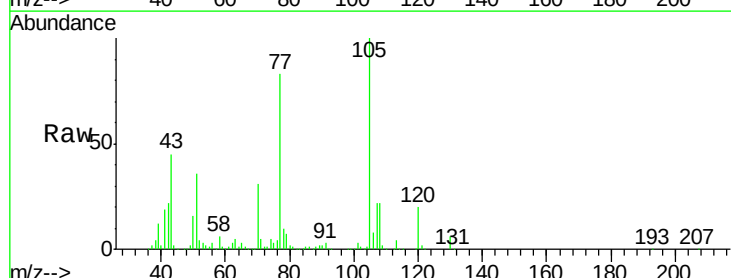
Manual Integrations
APPROVED

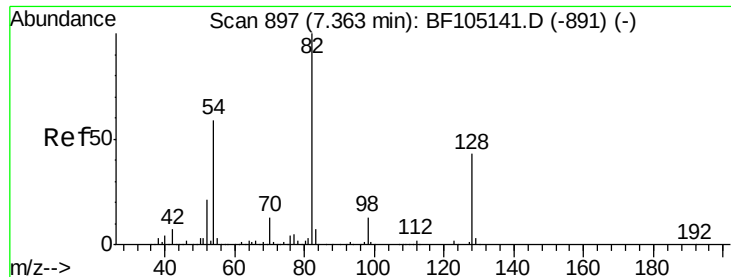
Sohil
5/9/2018 6:50:52 PM



#22
Acetophenone
Concen: 34.368 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	624611		
71	5.1	4.4	6.6	
51	36.0	22.3	33.5	
120	20.4	16.9	25.3	





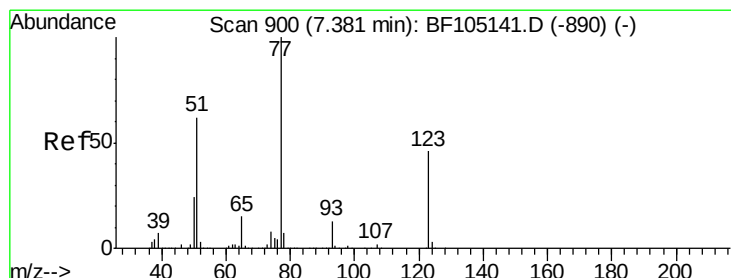
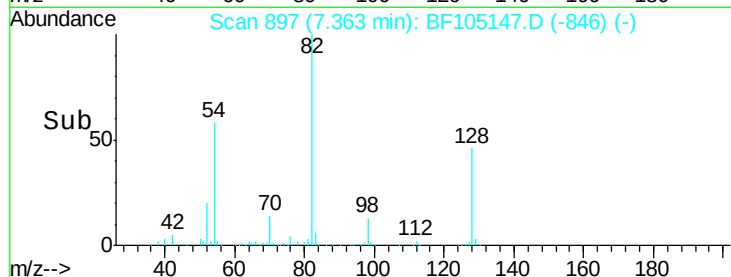
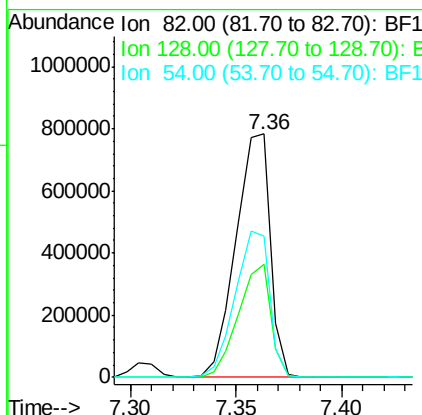
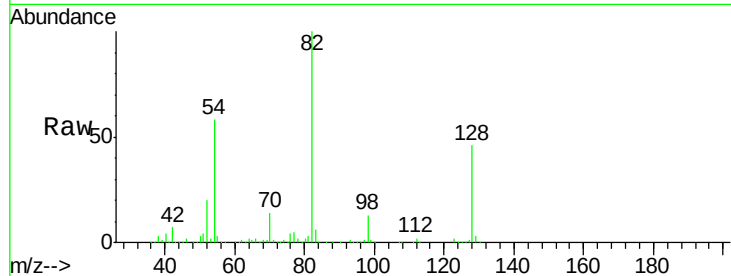
#23
Nitrobenzene-d5
Concen: 76.878 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	57.9	41.4	62.2

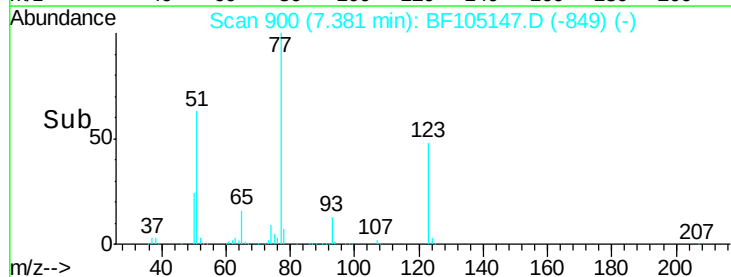
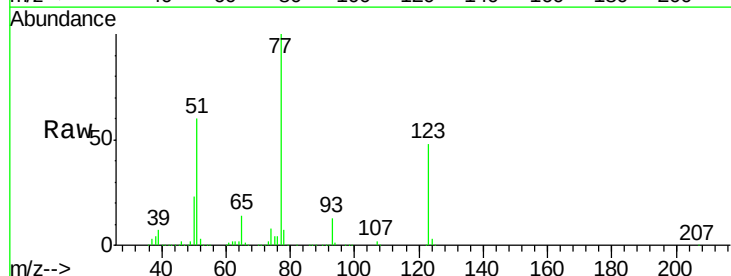
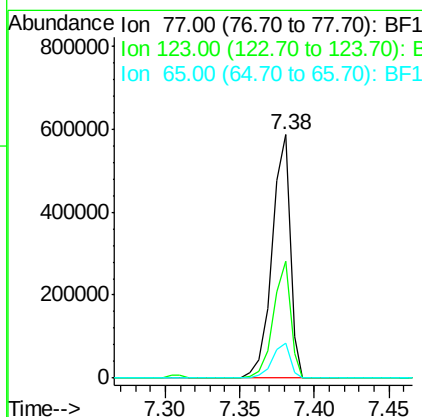
Manual Integrations
APPROVED

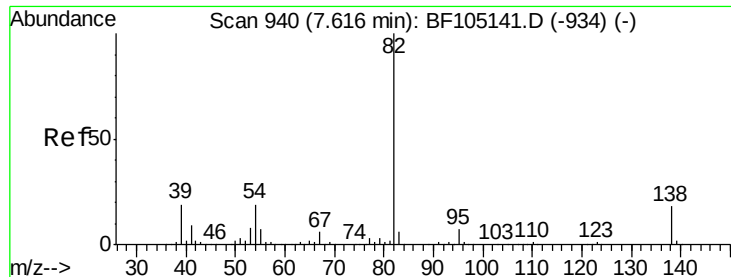
Sohil
5/9/2018 6:50:52 PM



#24
Nitrobenzene
Concen: 37.691 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 34.915 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

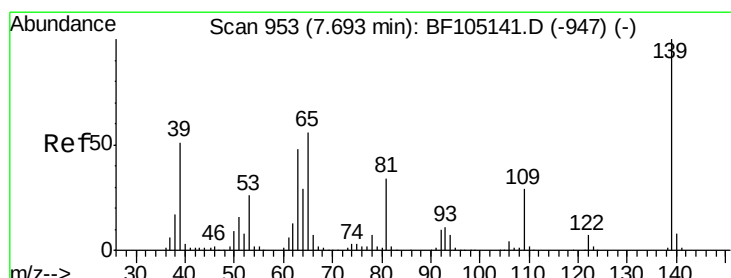
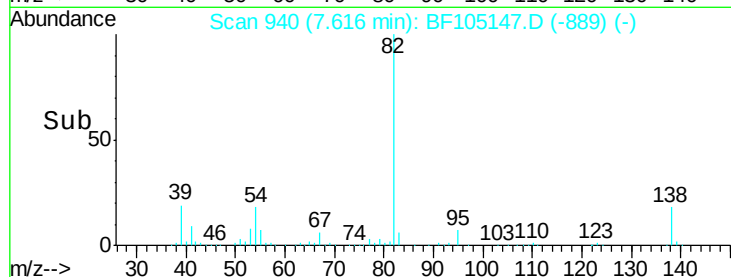
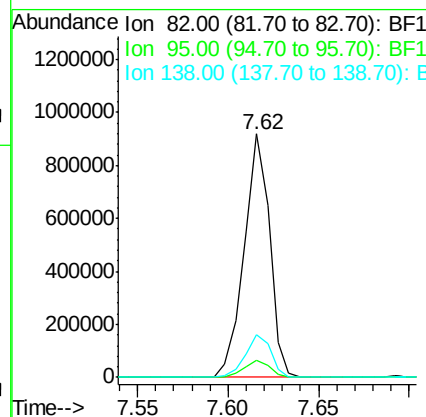
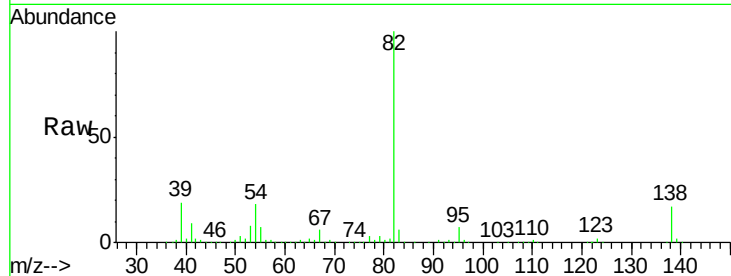
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	898318
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



#26

2-Nitrophenol

Concen: 40.938 ng

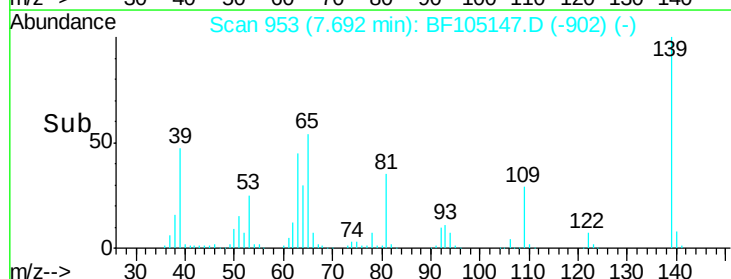
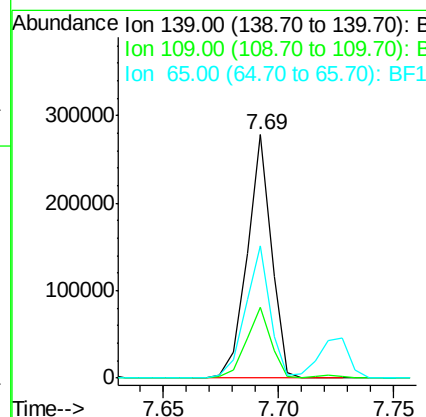
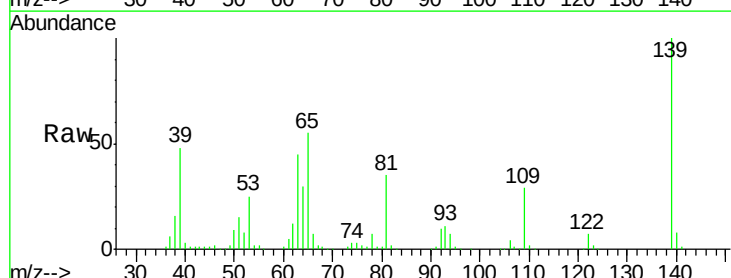
RT: 7.69 min Scan# 953

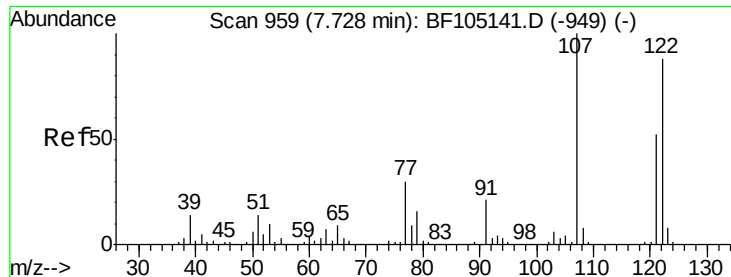
Delta R.T. 0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion:	139	Resp:	204037
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	54.5	40.5	60.7





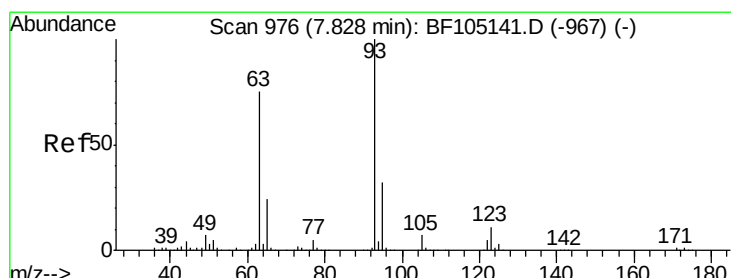
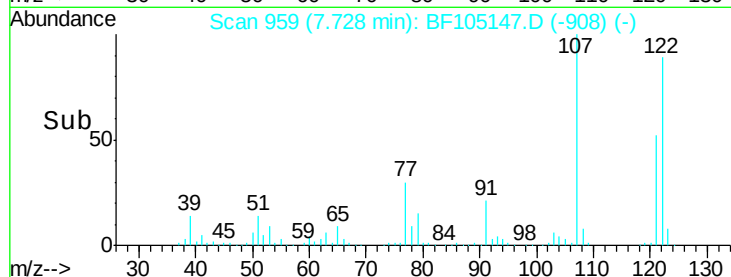
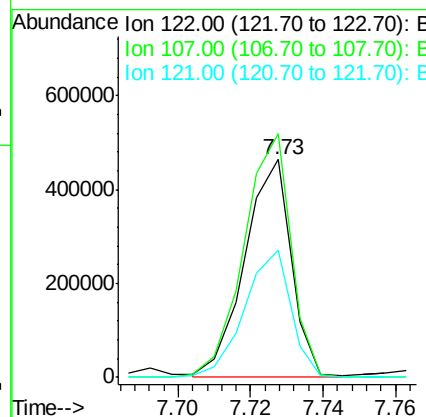
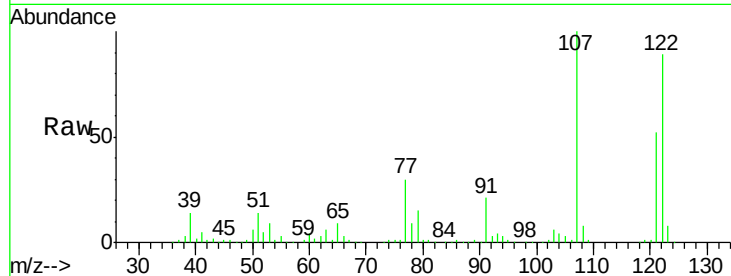
#27
 2,4-Dimethylphenol
 Concen: 36.106 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		412823		
107	112.0	91.2	136.8		
121	58.2	47.2	70.8		

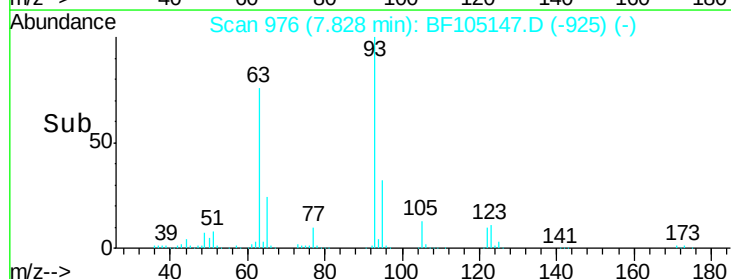
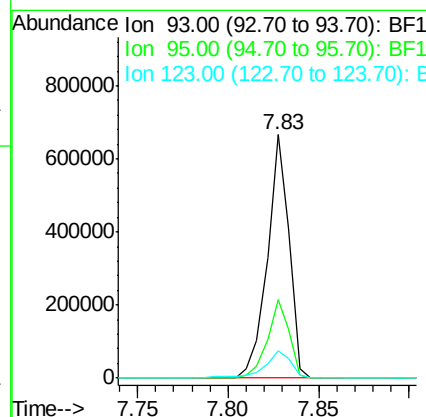
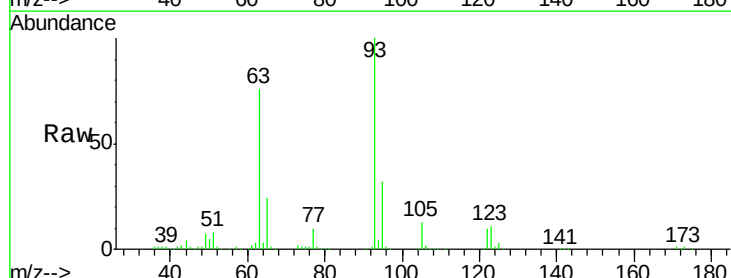
Manual Integrations
 APPROVED

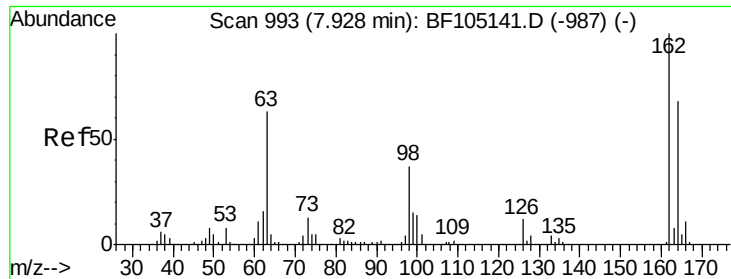
Sohil
 5/9/2018 6:50:52 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.796 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		552507		
95	32.4	26.3	39.5		
123	11.4	9.8	14.6		





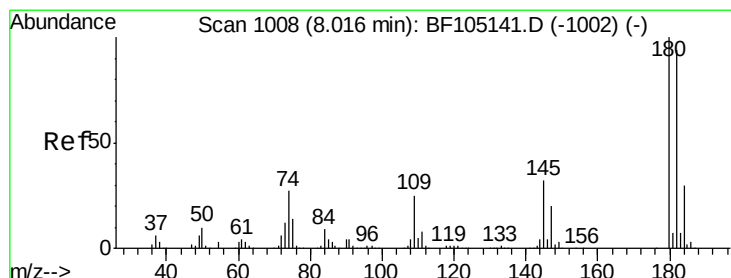
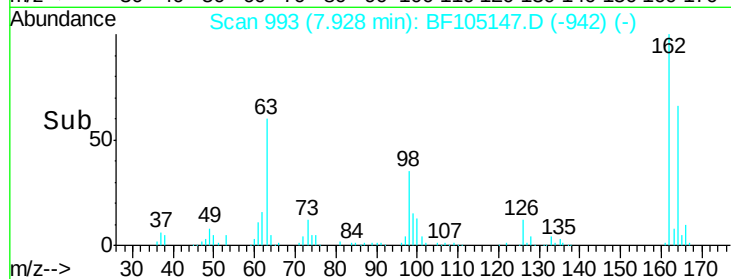
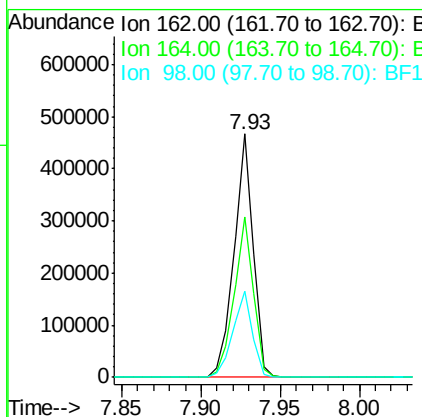
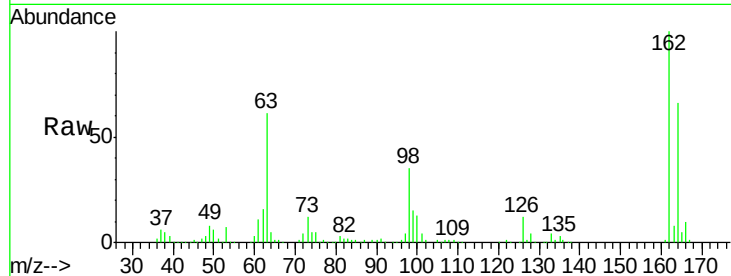
#29
2,4-Dichlorophenol
Concen: 36.662 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		392151		
164	66.1	42.7	82.7		
98	35.3	18.1	58.1		

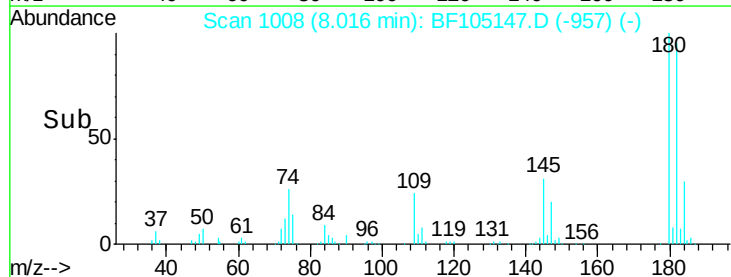
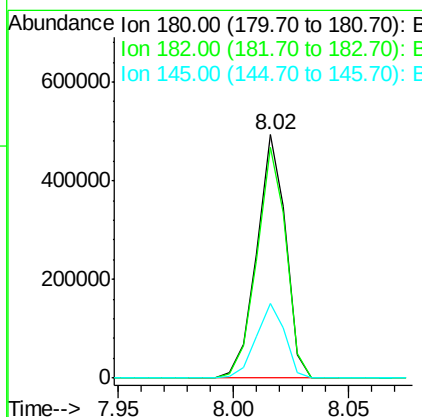
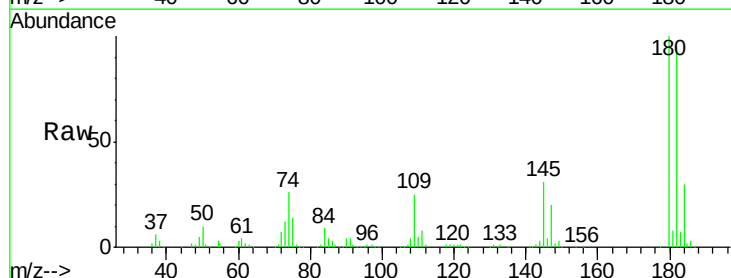
Manual Integrations
APPROVED

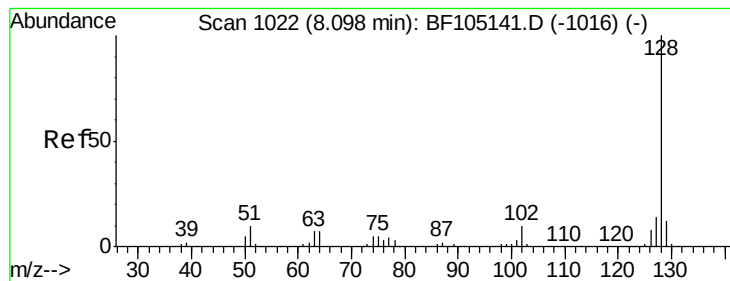
Sohil
5/9/2018 6:50:52 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.927 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		430868		
182	94.7	76.8	115.2		
145	30.6	26.5	39.7		





#31

Naphthalene

Concen: 34.537 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

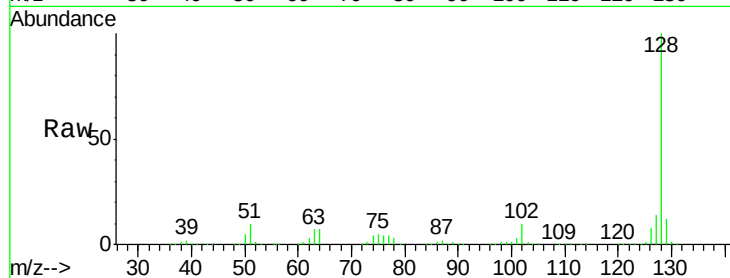
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.9	10.9	16.3

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM

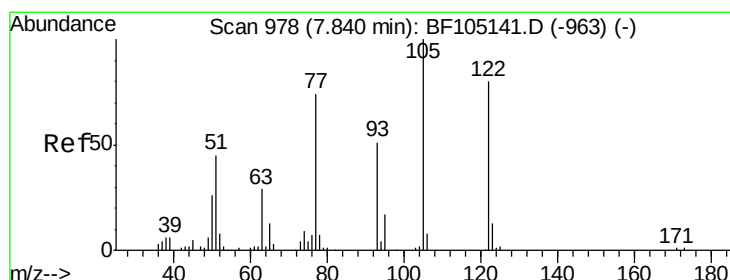
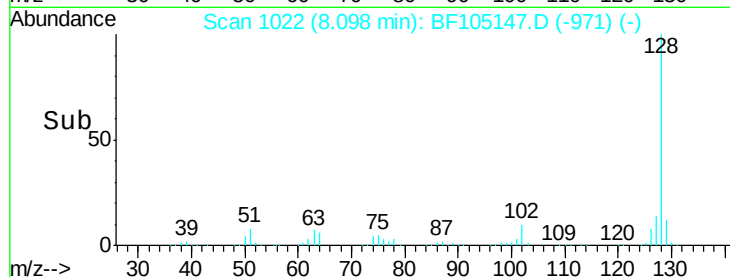
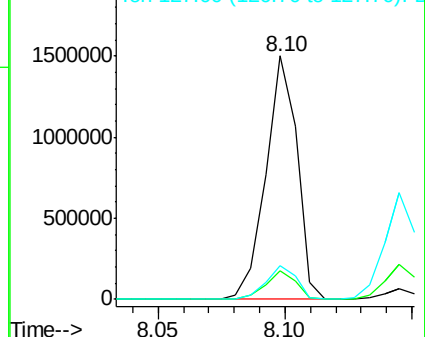


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.532 ng

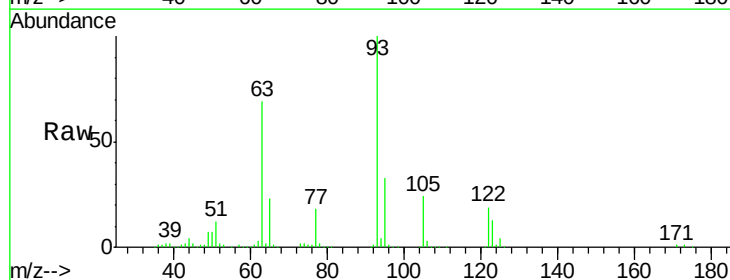
RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.0	101.1	141.1
77	96.3	70.7	110.7

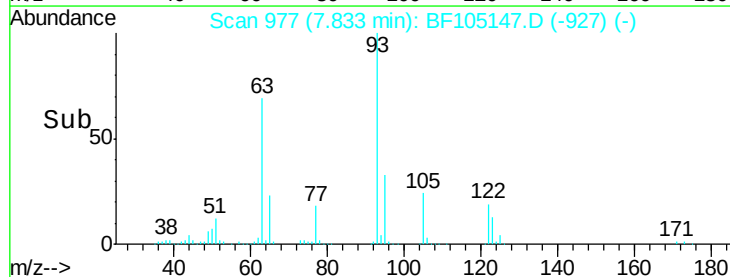
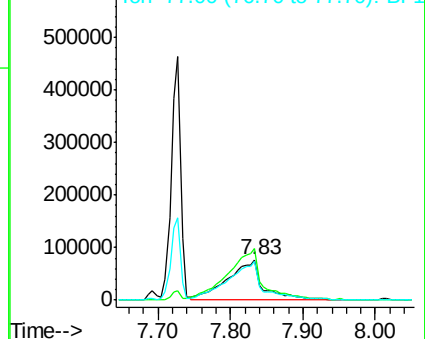


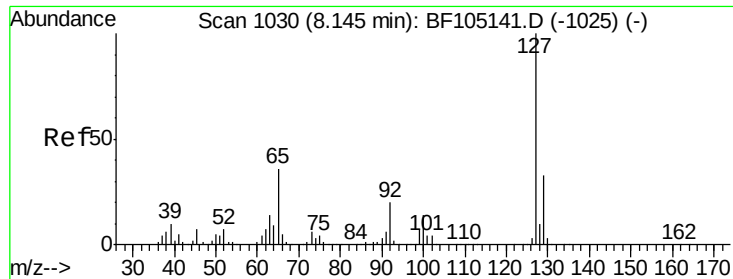
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





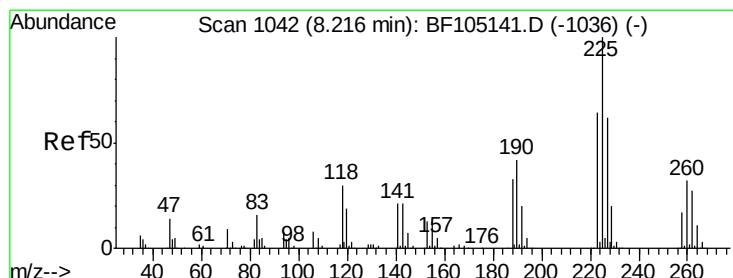
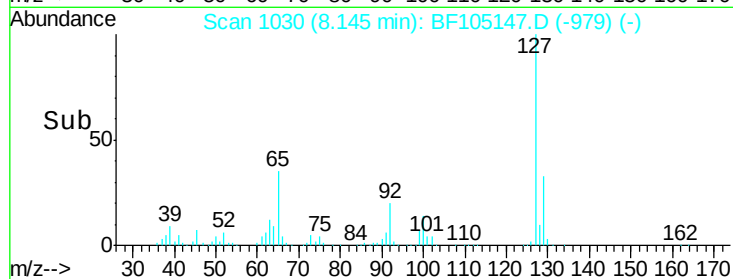
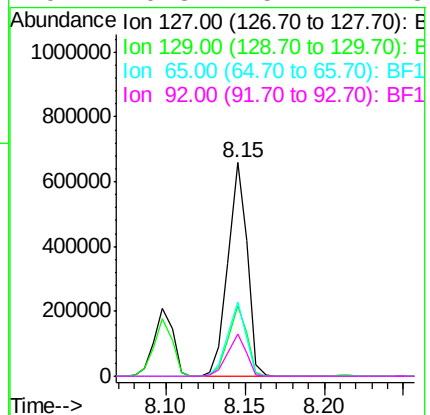
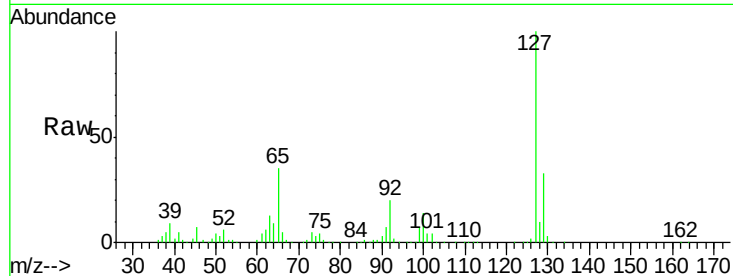
#33
4-Chloroaniline
Concen: 35.556 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	35.0	25.0	37.4
92	19.8	15.2	22.8

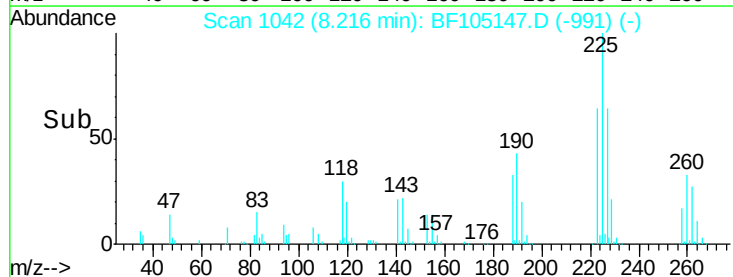
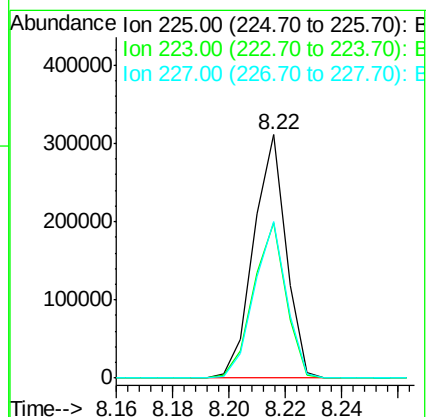
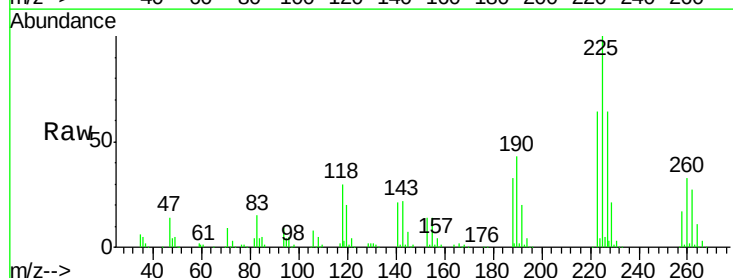
Manual Integrations
APPROVED

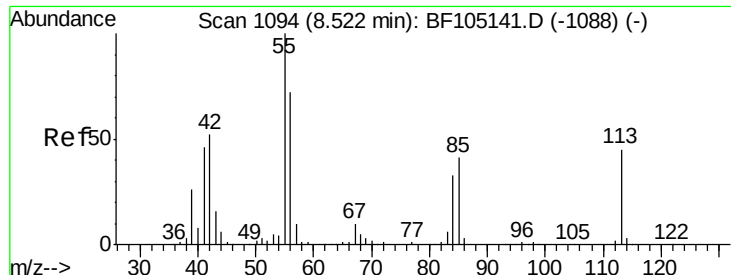
Sohil
5/9/2018 6:50:52 PM



#34
Hexachlorobutadiene
Concen: 34.690 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.3	51.9	77.9





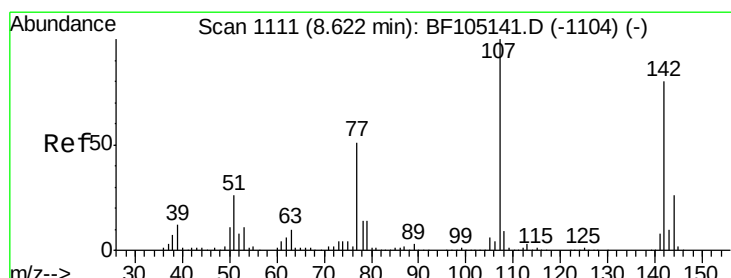
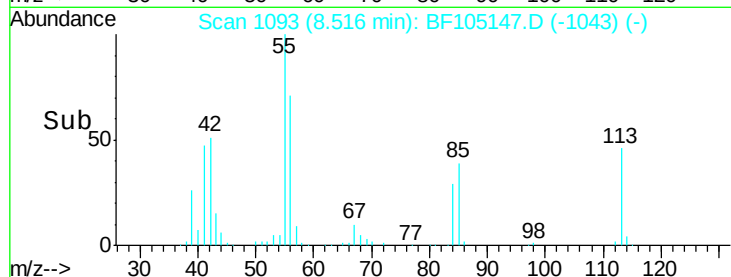
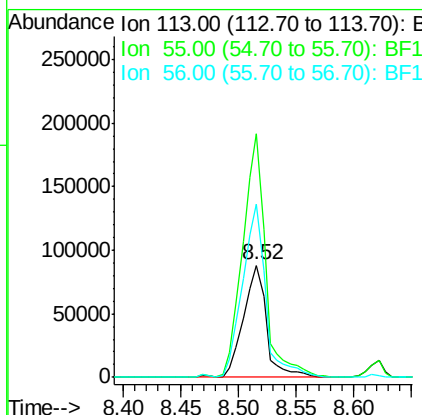
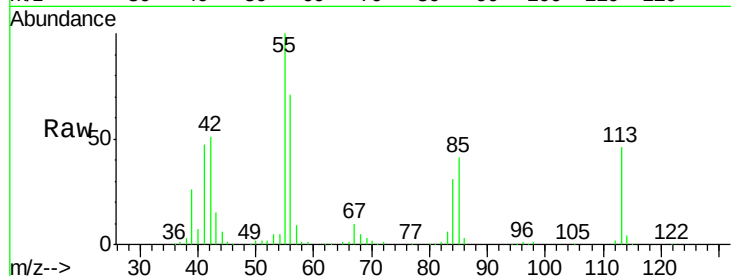
#35
Caprolactam
Concen: 37.570 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.1	163.3	203.3#
56	154.9	115.7	155.7

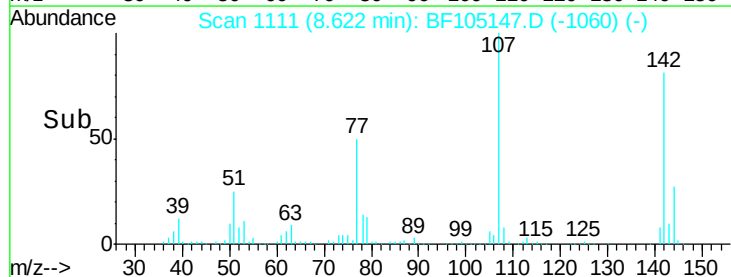
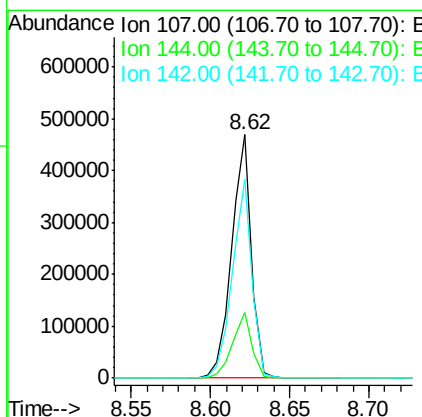
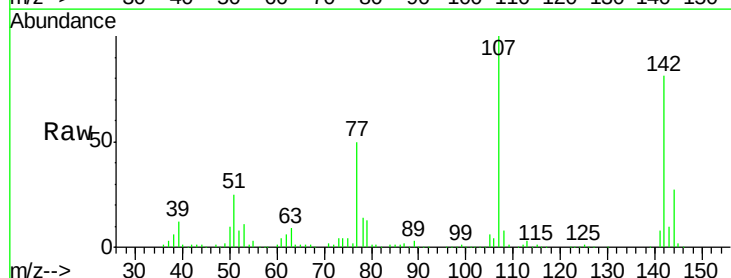
Manual Integrations
APPROVED

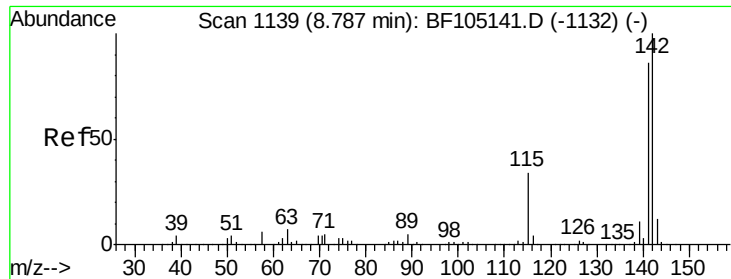
Sohil
5/9/2018 6:50:52 PM



#36
4-Chloro-3-methylphenol
Concen: 36.214 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	81.4	62.0	93.0





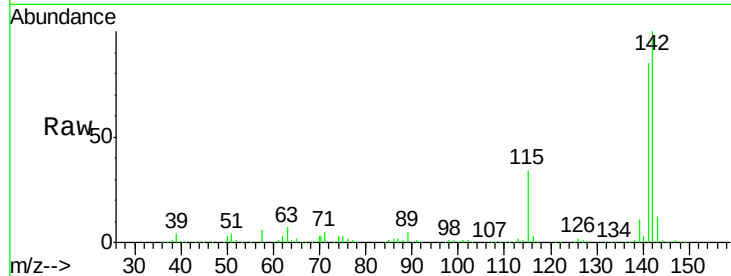
#37
2-Methylnaphthalene
Concen: 34.698 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

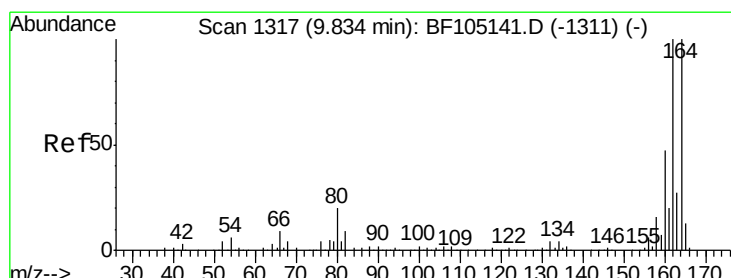
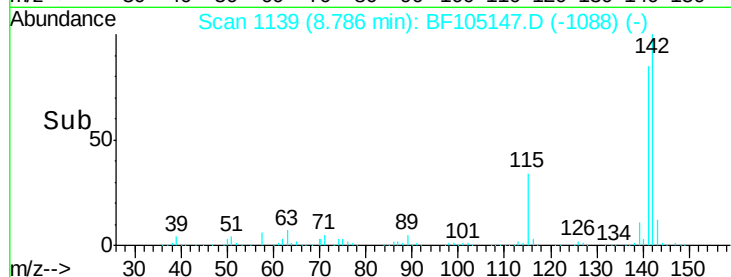
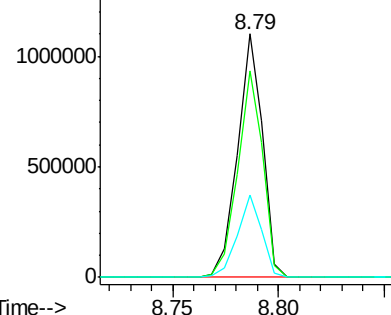
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.8	106.2
115	33.6	26.1	39.1

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



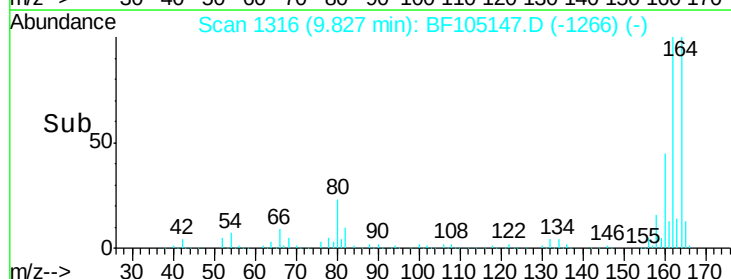
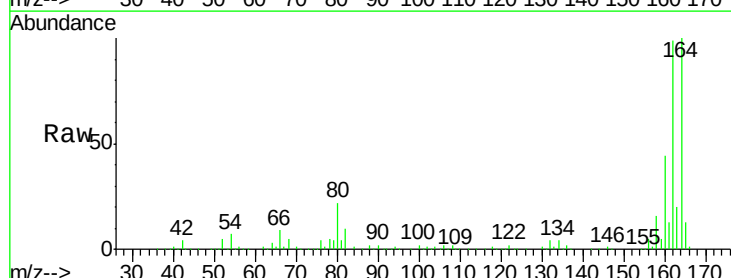
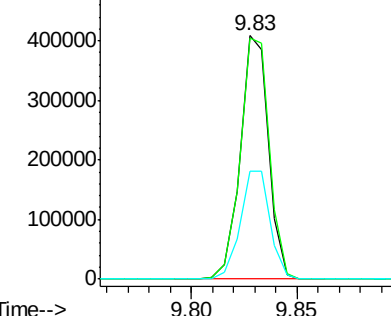
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

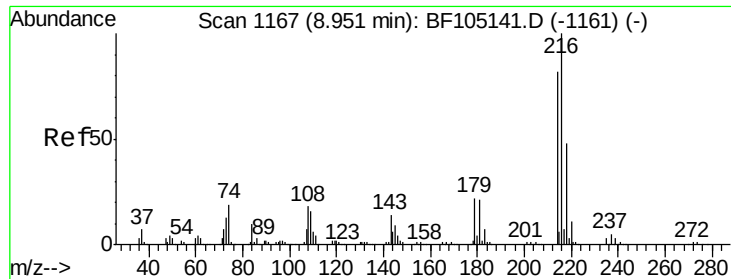


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	44.3	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





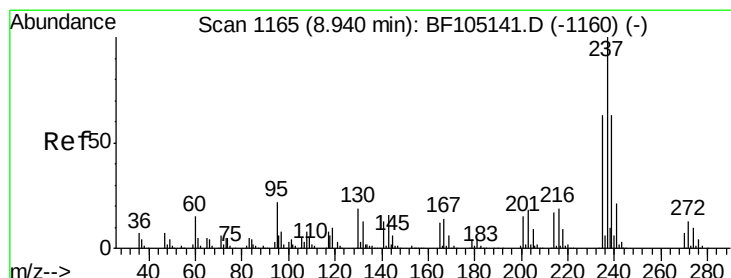
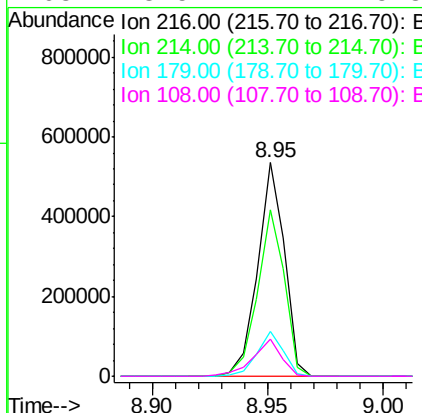
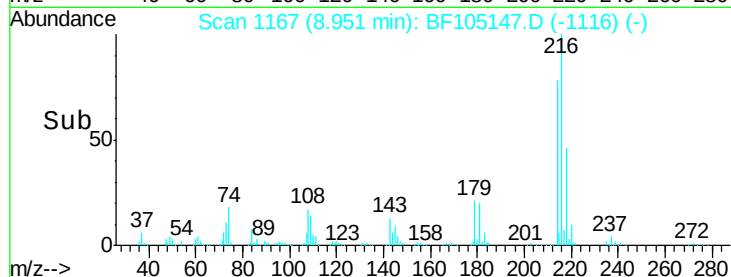
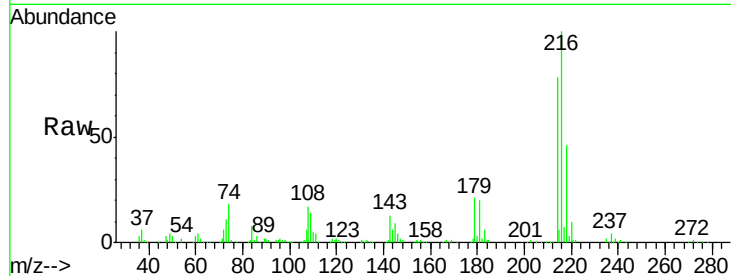
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.750 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.3		63.0	94.4	
179	20.5		18.1	27.1	
108	18.5		17.2	25.8	

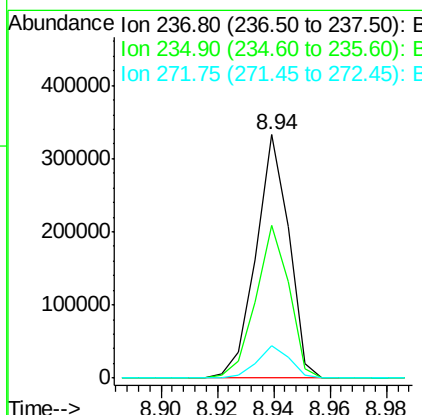
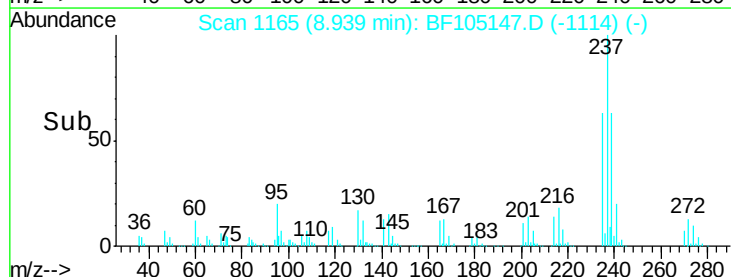
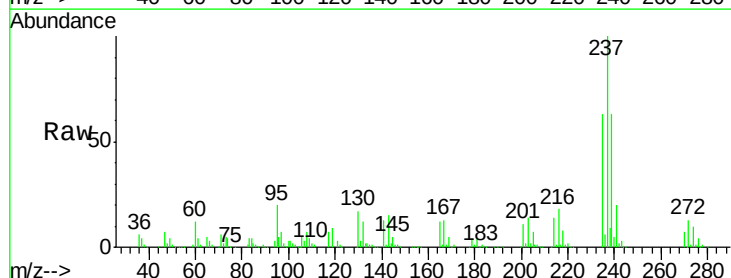
Manual Integrations
 APPROVED

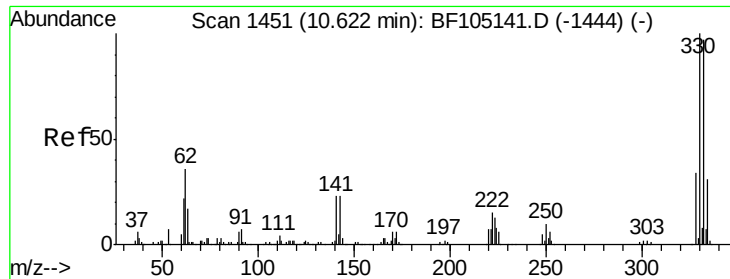
Sohil
 5/9/2018 6:50:52 PM



#40
 Hexachlorocyclopentadiene
 Concen: 41.013 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.8		44.8	84.8	
272	13.3		0.0	33.3	





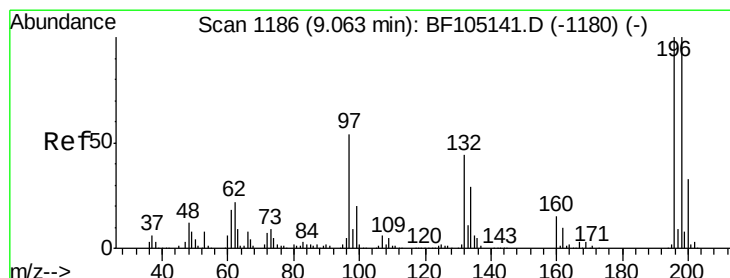
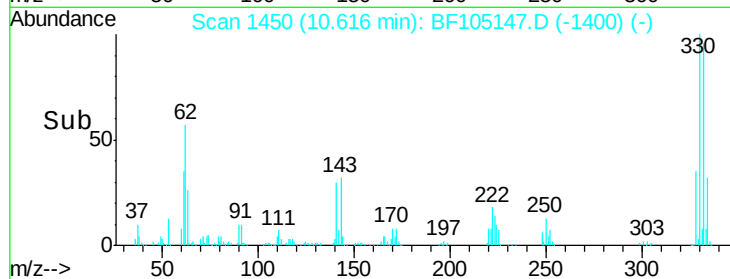
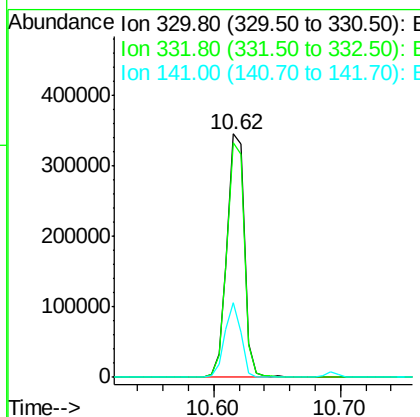
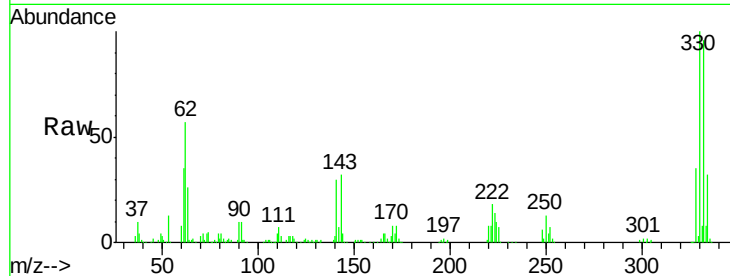
#41
 2,4,6-Tribromophenol
 Concen: 78.126 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	28.7	29.9	44.9	

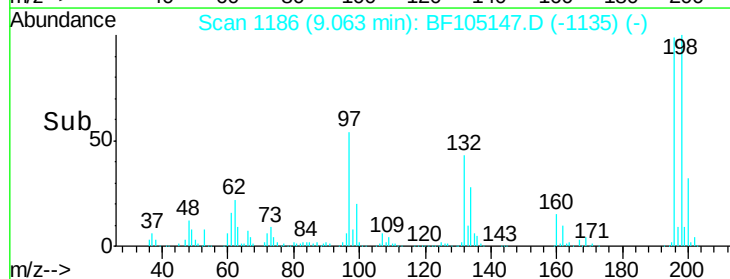
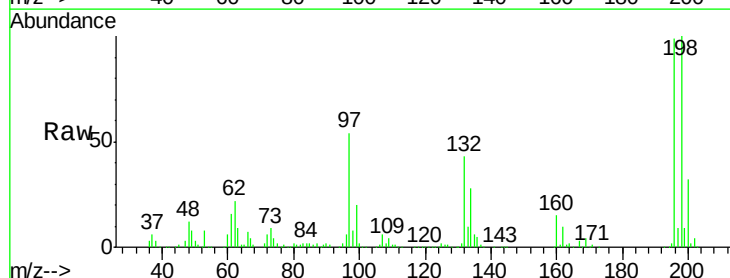
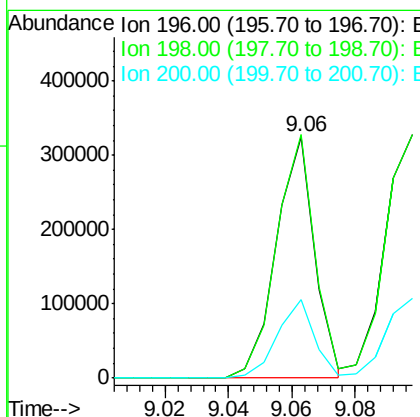
Manual Integrations
 APPROVED

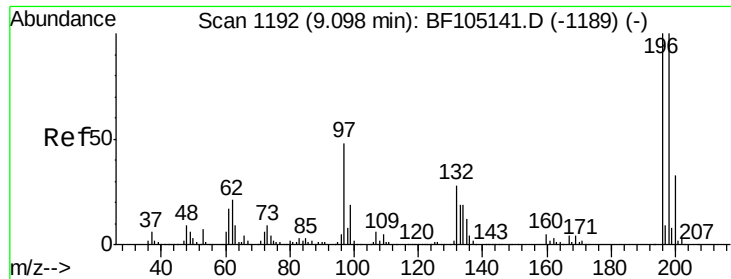
Sohil
 5/9/2018 6:50:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.001 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.6	75.7	113.5	
200	32.4	24.5	36.7	





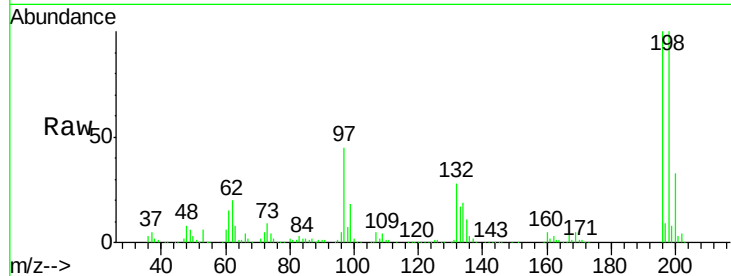
#43
 2,4,5-Trichlorophenol
 Concen: 38.493 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

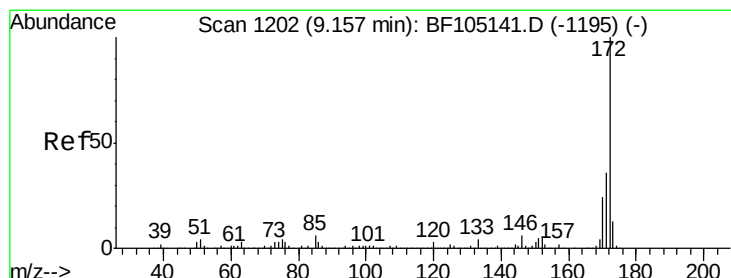
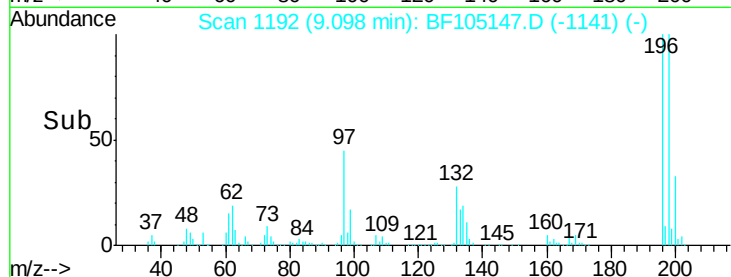
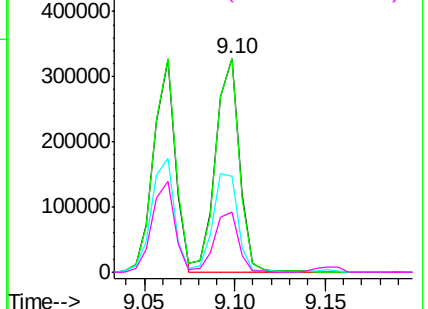
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		297610		
198	99.9	74.6	112.0		
97	44.9	42.9	64.3		
132	28.4	26.3	39.5		

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:50:52 PM



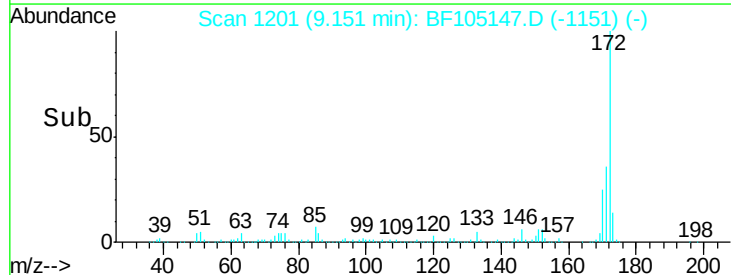
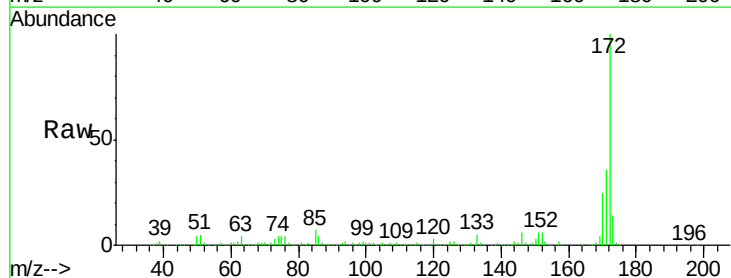
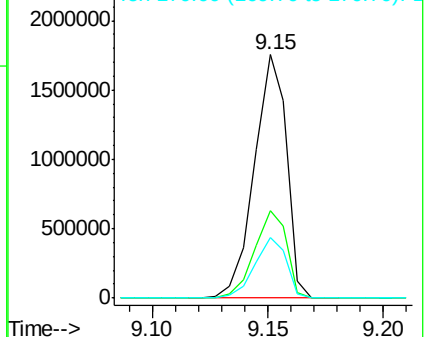
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

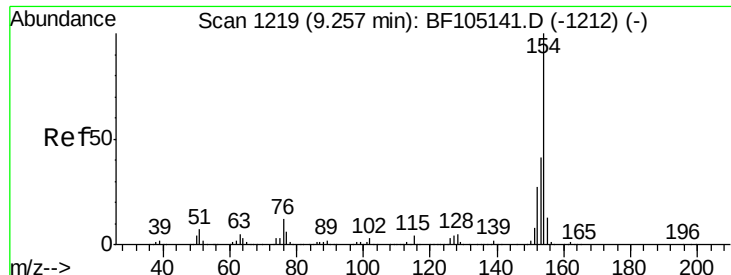


#44
 2-Fluorobiphenyl
 Concen: 69.543 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1707633		
171	36.2	29.7	44.5		
170	24.8	19.6	29.4		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





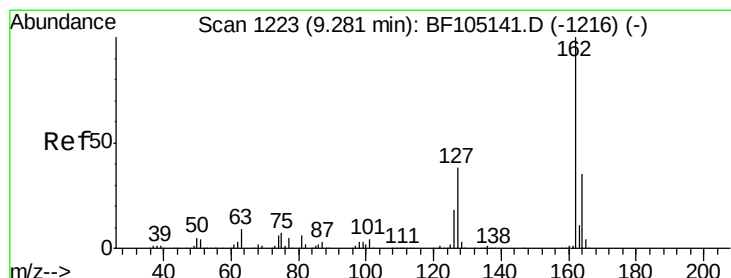
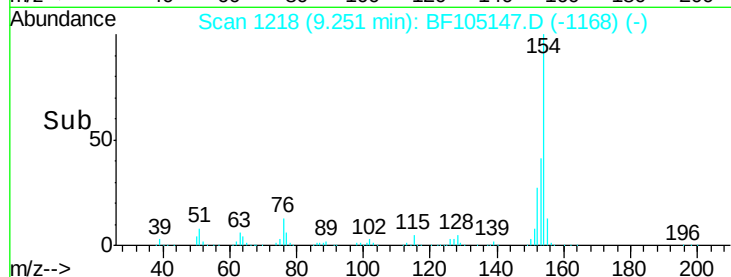
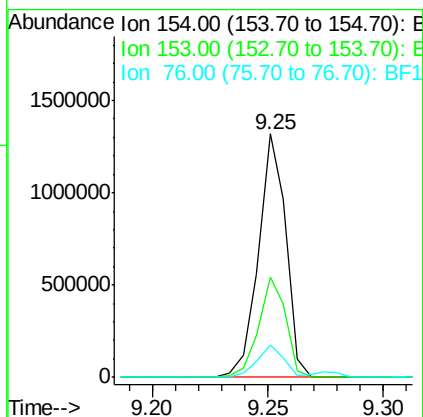
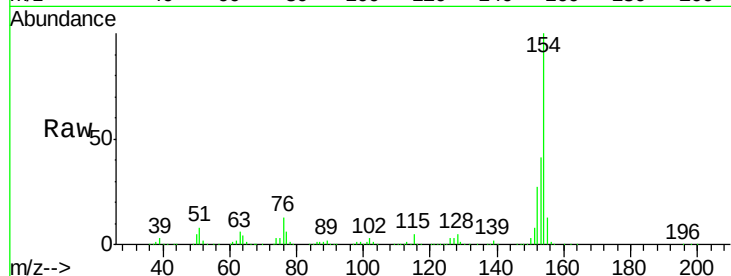
#45
 1,1'-Biphenyl
 Concen: 35.186 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.3	0.0	34.0

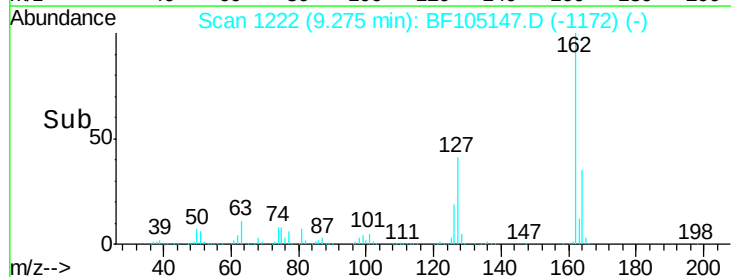
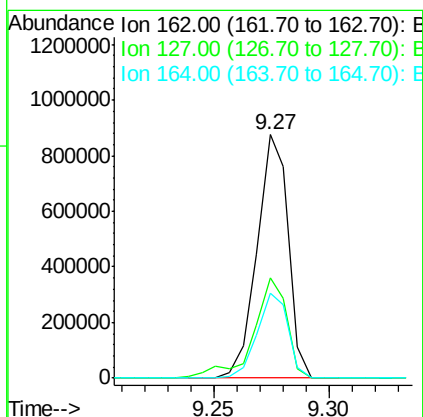
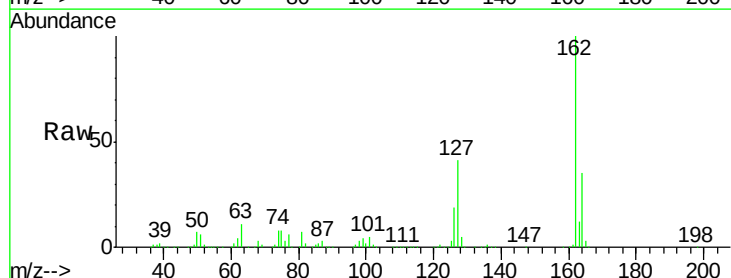
Manual Integrations
 APPROVED

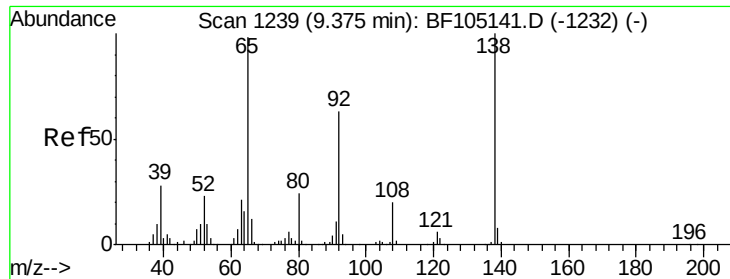
Sohil
 5/9/2018 6:50:52 PM



#46
 2-Chloronaphthalene
 Concen: 35.376 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	34.8	26.5	39.7





#47

2-Nitroaniline

Concen: 39.562 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

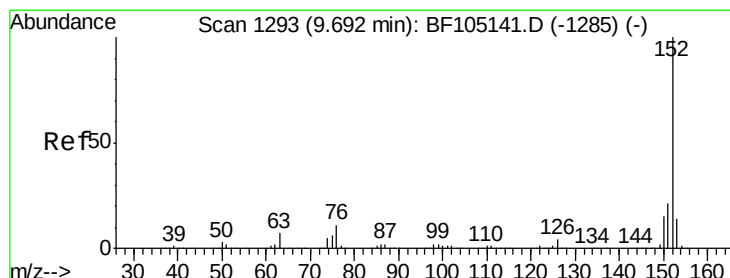
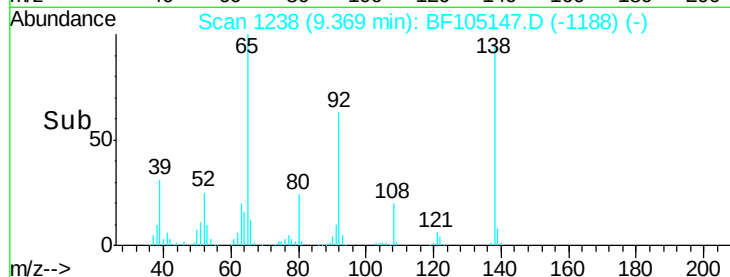
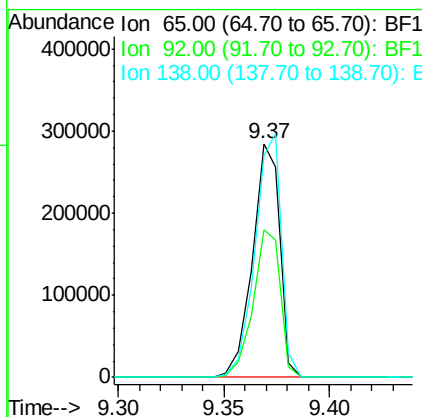
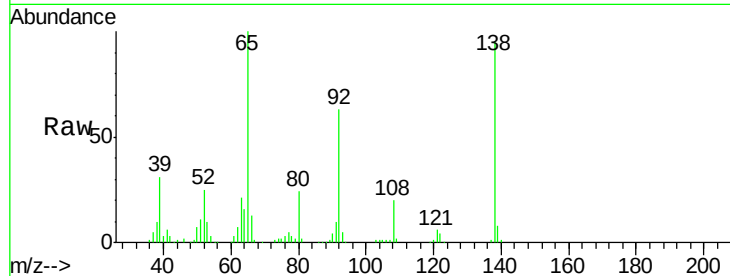
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	256701
Ion Ratio	Lower	Upper	
65	100		
92	63.0	55.8	83.6
138	94.9	91.2	136.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



#48

Acenaphthylene

Concen: 35.990 ng

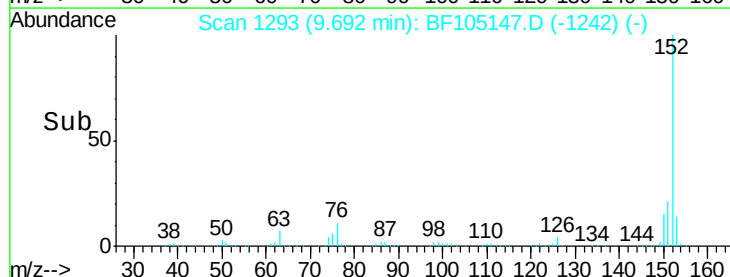
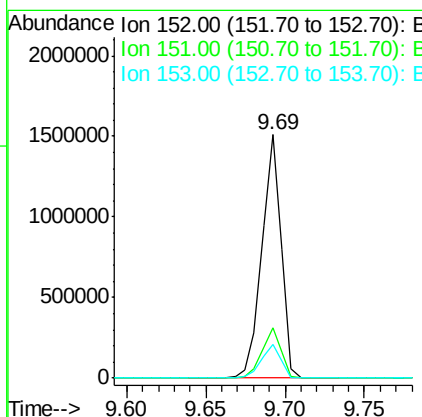
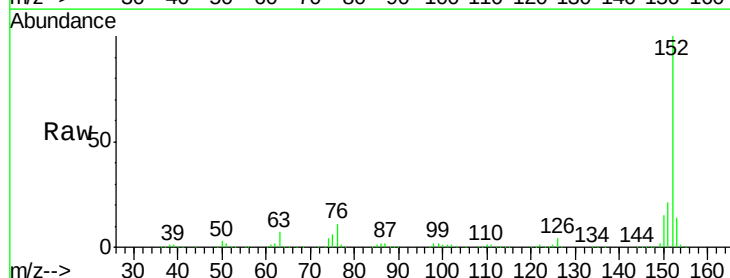
RT: 9.69 min Scan# 1293

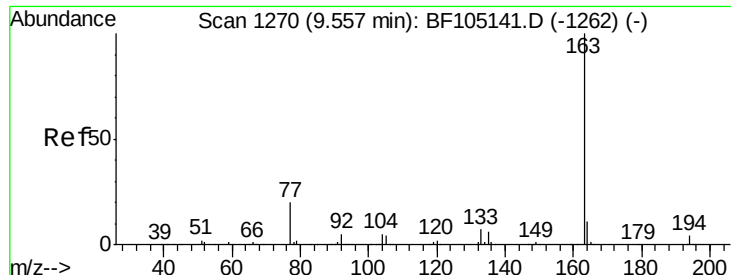
Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion:	152	Resp:	1290057
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.8	10.7	16.1





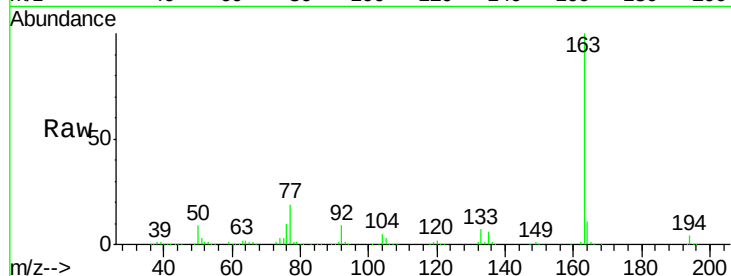
#49
Dimethylphthalate
Concen: 36.821 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

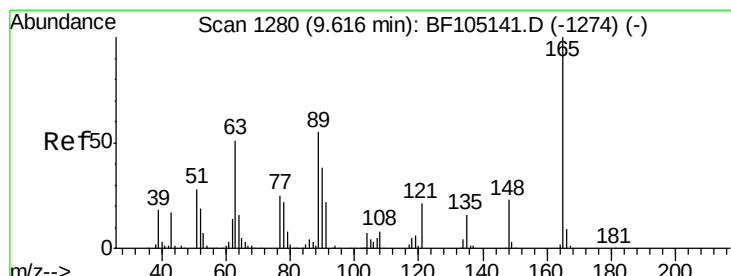
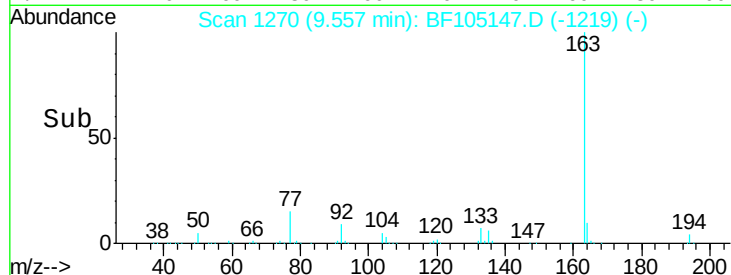
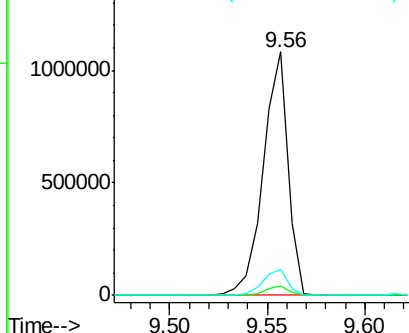
Tot Ion:	163	Resp:	950012
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.8	8.2	12.2

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



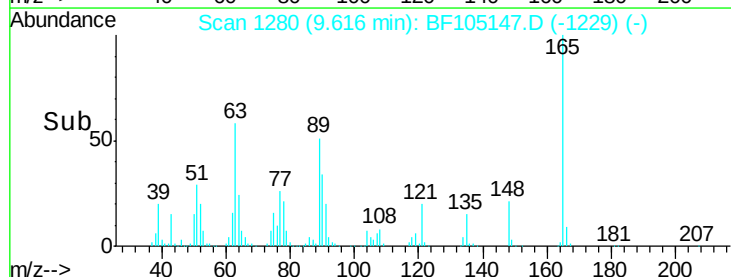
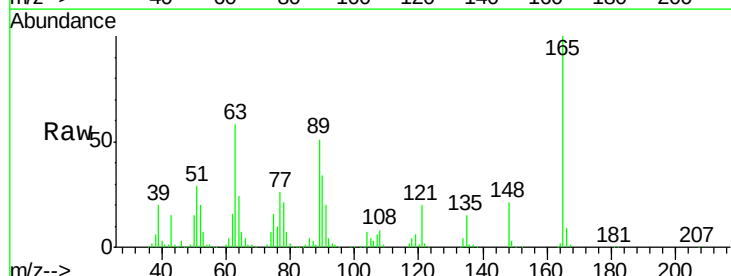
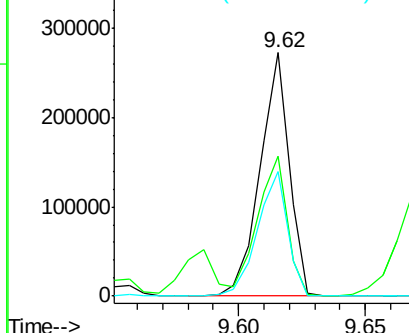
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

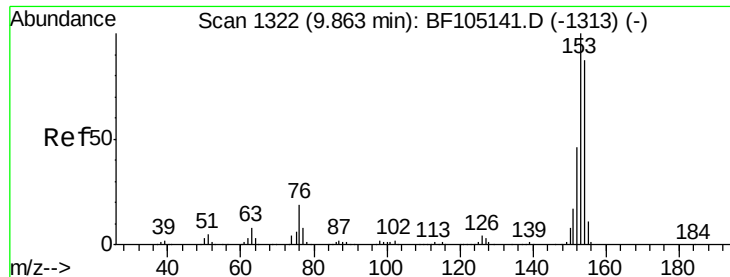


#50
2,6-Dinitrotoluene
Concen: 39.239 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion:	165	Resp:	219673
Ion Ratio	Lower	Upper	
165	100		
63	57.7	44.7	67.1
89	51.4	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.798 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

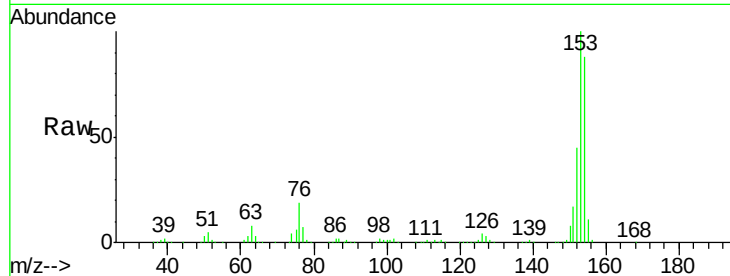
ClientSampleId :

SSTDCCC040

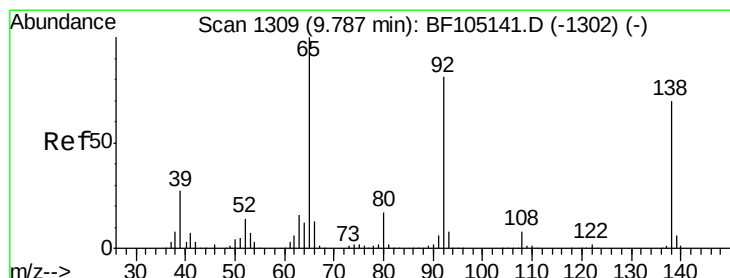
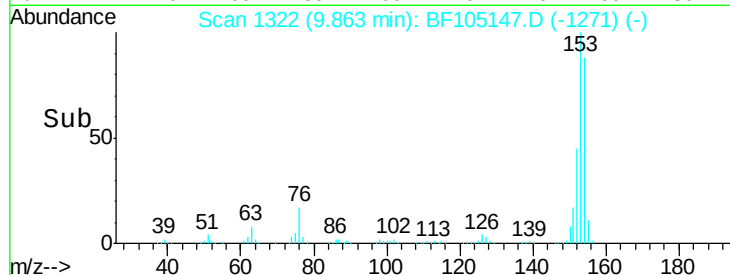
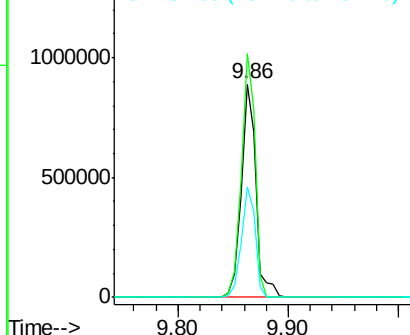
Tot Ion:	154	Resp:	826961
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	51.6	43.8	65.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



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



#52

3-Nitroaniline

Concen: 39.885 ng

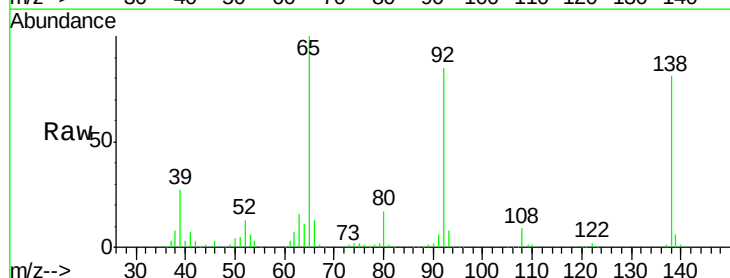
RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

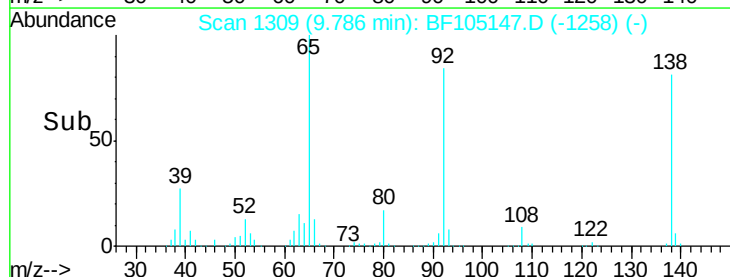
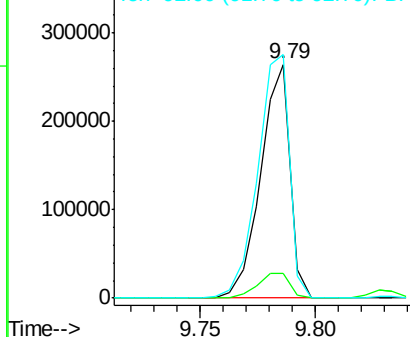
Lab File: BF105147.D

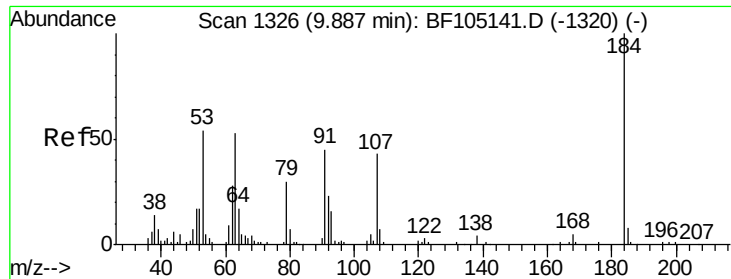
Acq: 8 May 2018 16:48

Tgt Ion:	138	Resp:	235197
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	104.3	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





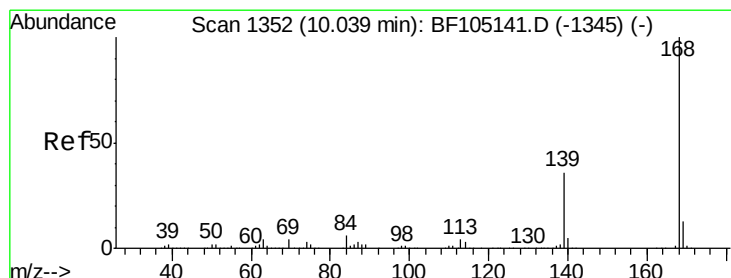
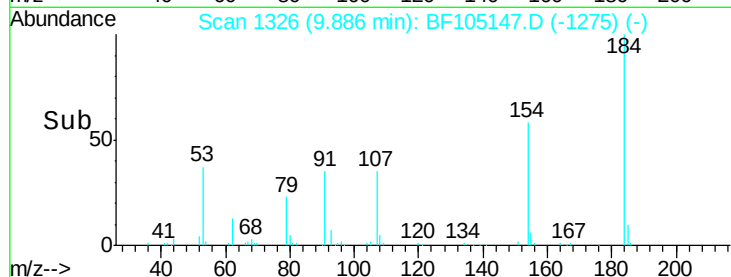
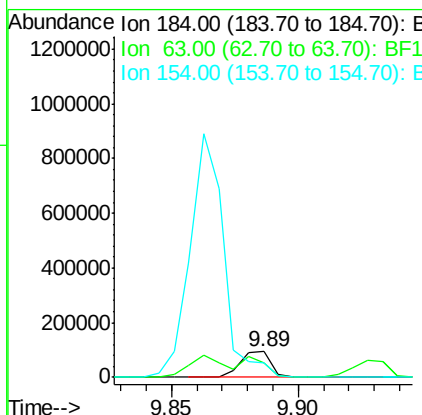
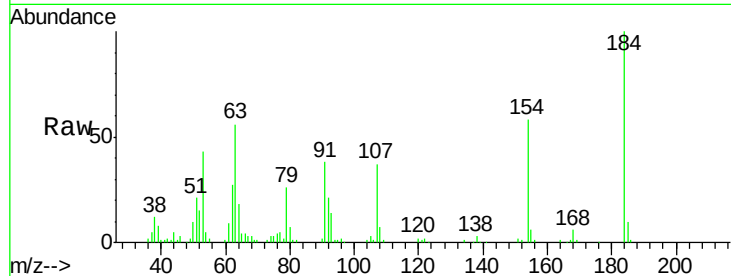
#53
2,4-Dinitrophenol
Concen: 46.171 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.6	54.2	81.2
154	58.5	184.0	276.0#

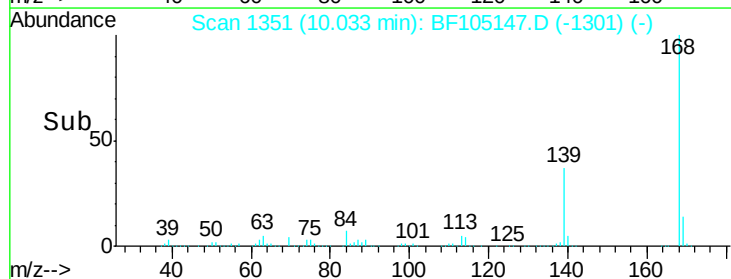
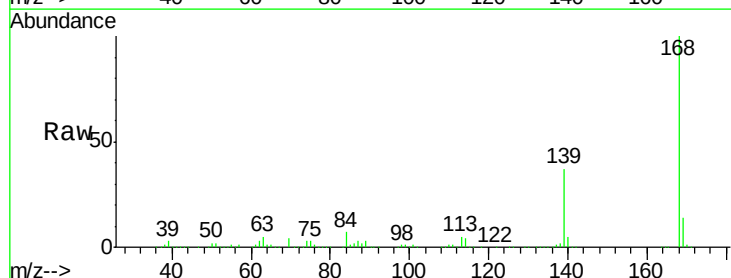
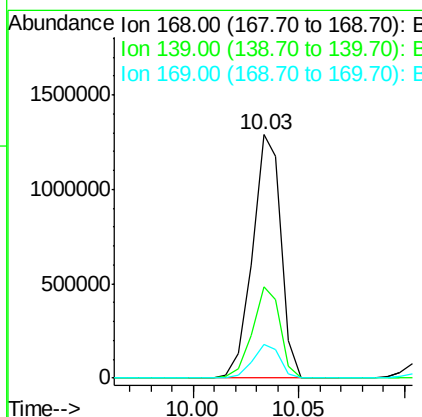
Manual Integrations
APPROVED

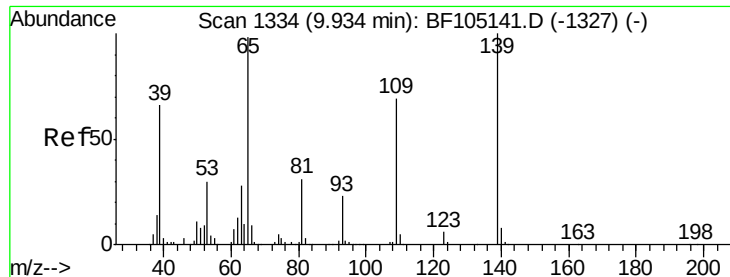
Sohil
5/9/2018 6:50:52 PM



#54
Dibenzofuran
Concen: 35.677 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.8	10.9	16.3





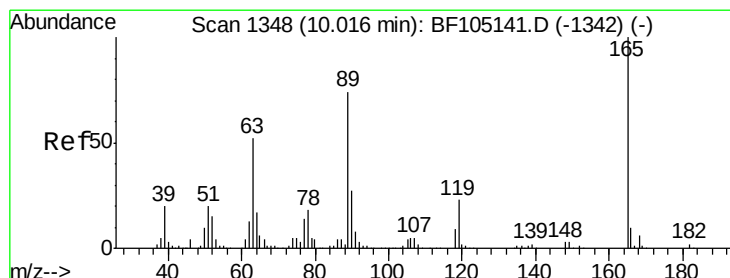
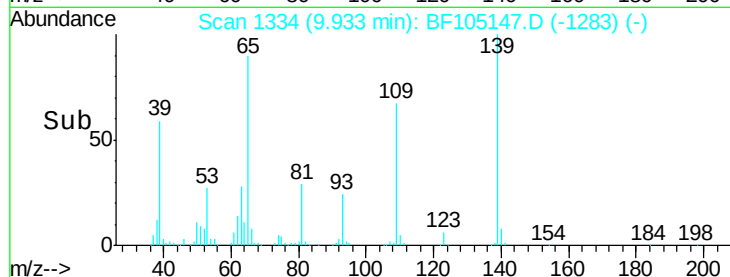
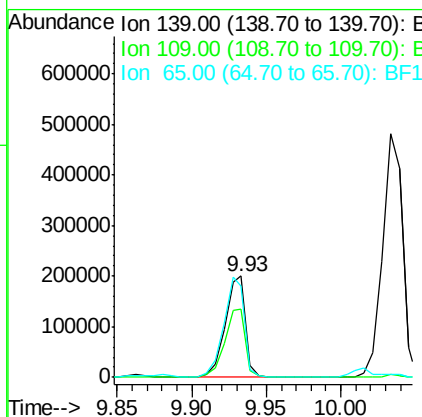
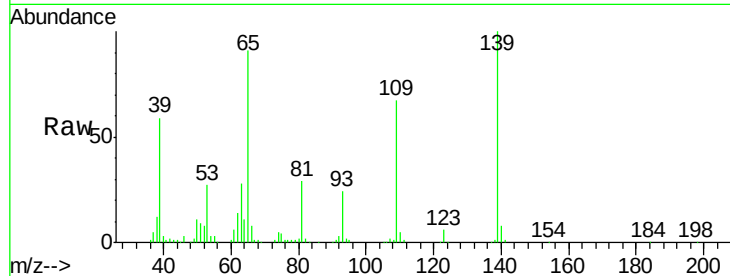
#55
4-Nitrophenol
Concen: 38.932 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.0	48.4	88.4
65	90.6	72.6	112.6

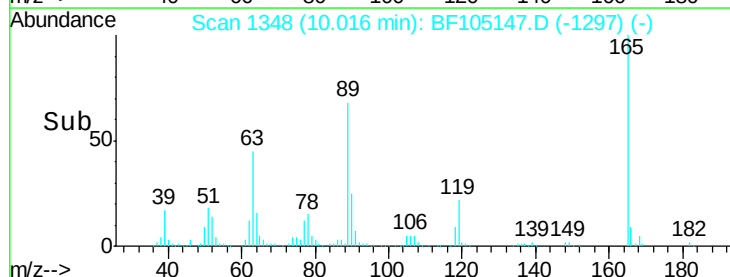
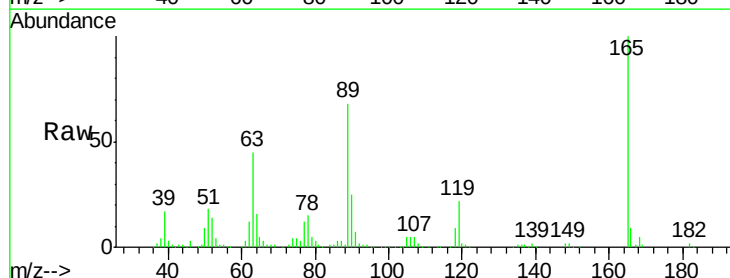
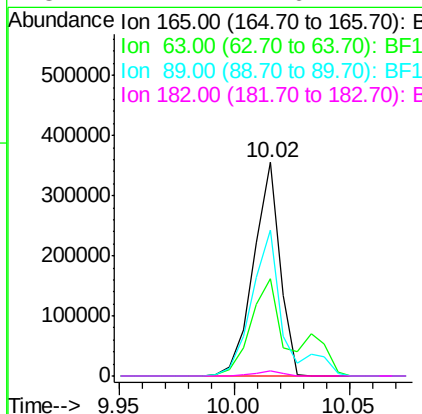
Manual Integrations
APPROVED

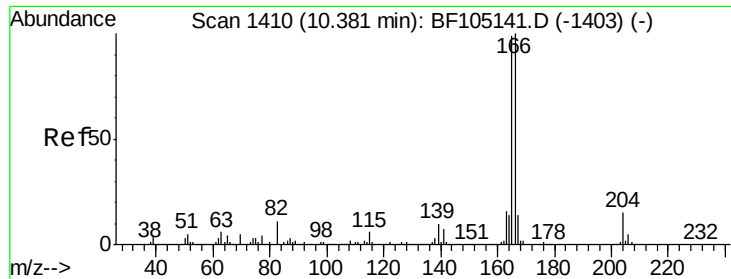
Sohil
5/9/2018 6:50:52 PM



#56
2,4-Dinitrotoluene
Concen: 39.062 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	36.4	54.6
89	68.2	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 34.732 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 860713

Ion Ratio Lower Upper

166 100

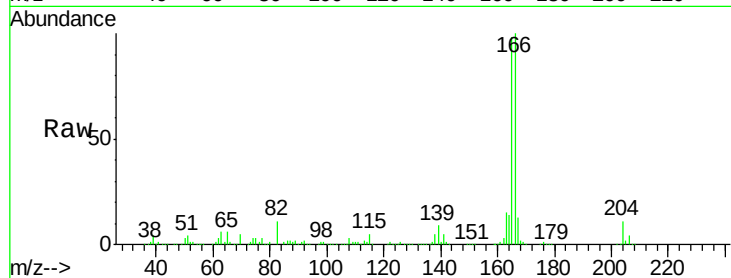
165 98.3 79.8 119.8

167 13.4 10.6 16.0

Manual Integrations
APPROVED

Sohil

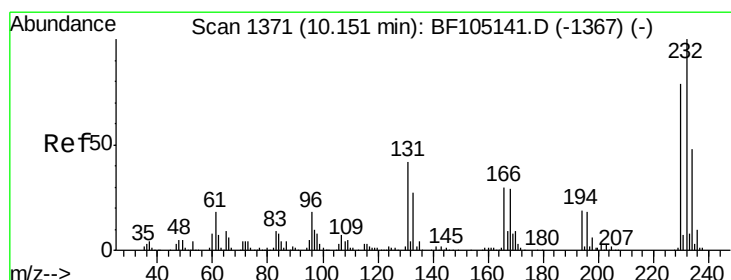
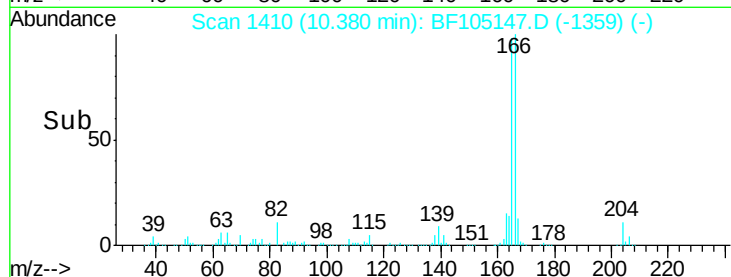
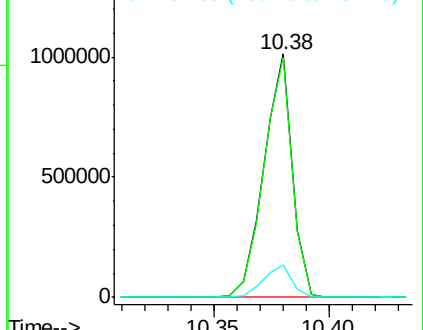
5/9/2018 6:50:52 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.097 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Tgt Ion:232 Resp: 262915

Ion Ratio Lower Upper

232 100

131 43.6 43.8 65.8#

130 2.1 2.1 3.1#

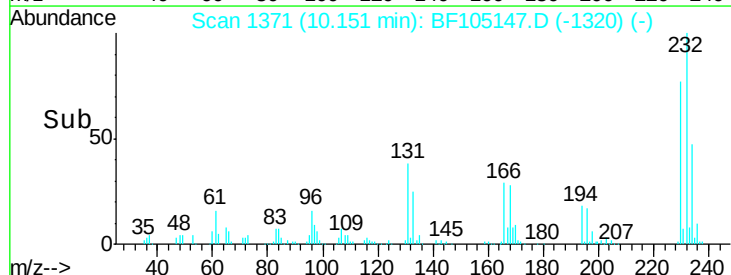
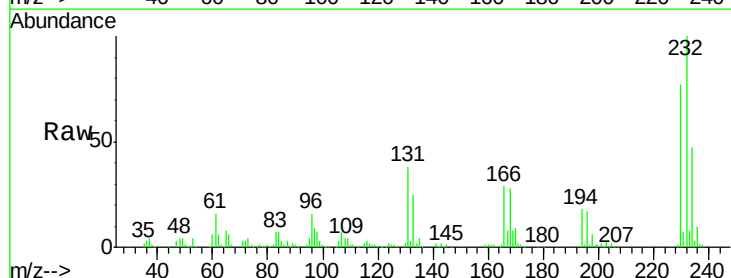
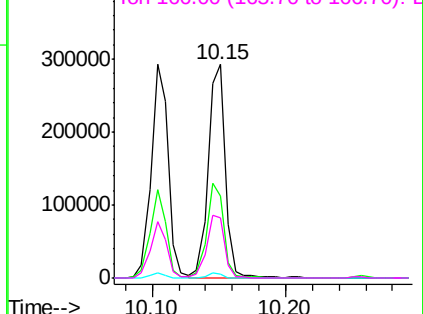
166 30.7 27.8 41.6

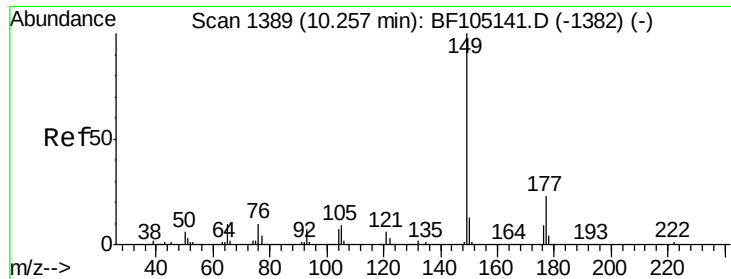
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.424 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

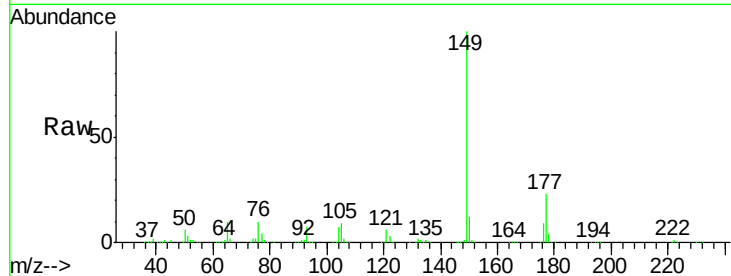
ClientSampleId :

SSTDCCC040

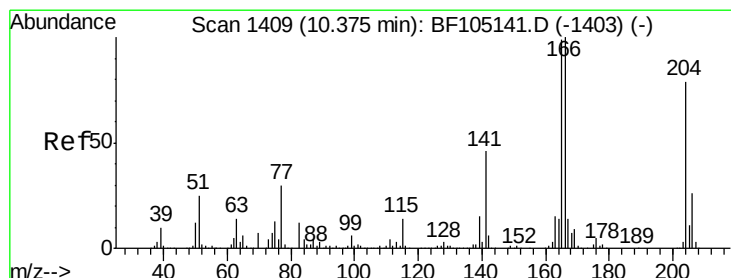
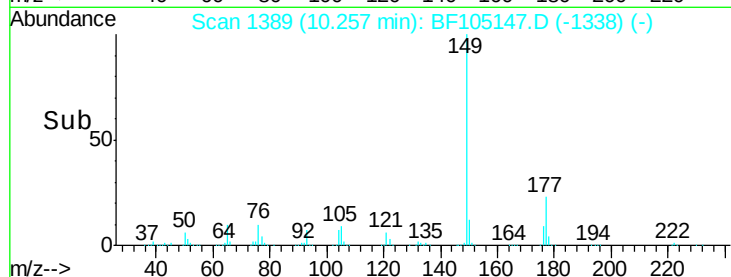
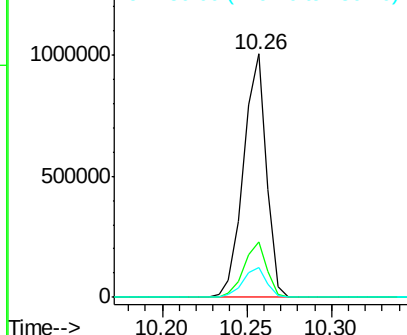
Tot Ion:	149	Resp:	948933
Ion Ratio	Lower	Upper	
149	100		
177	22.9	16.1	24.1
150	12.3	10.1	15.1

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.367 ng

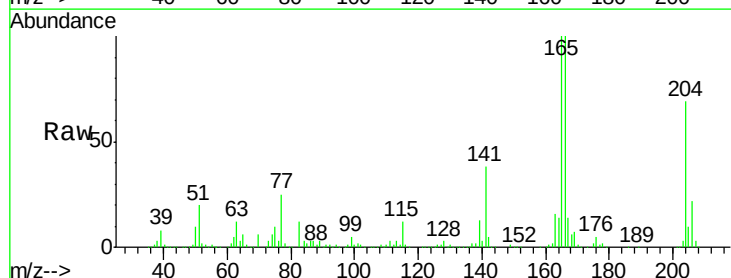
RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

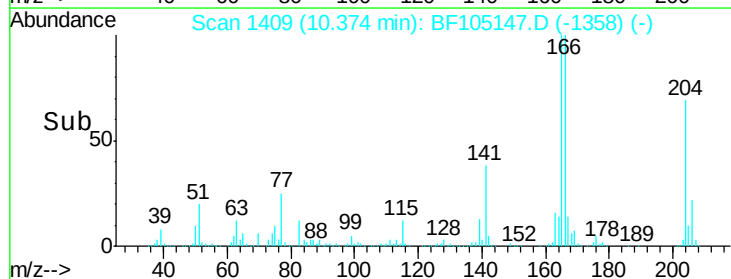
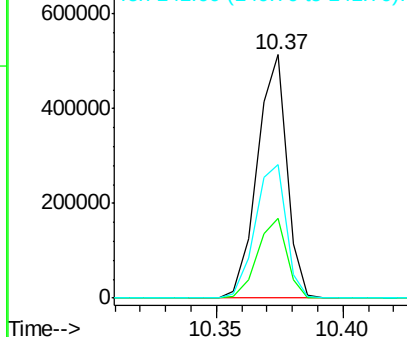
Lab File: BF105147.D

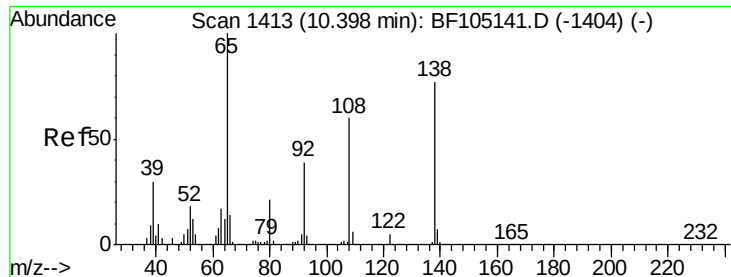
Acq: 8 May 2018 16:48

Tgt Ion:	204	Resp:	419540
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.5	39.7
141	55.0	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





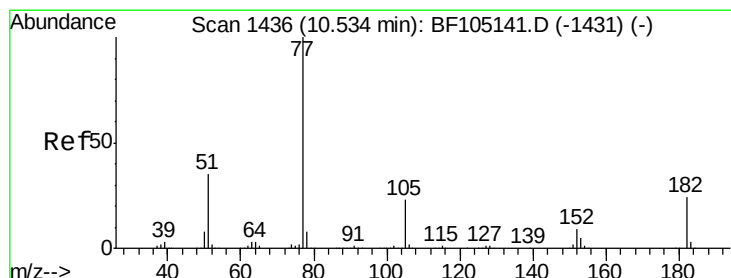
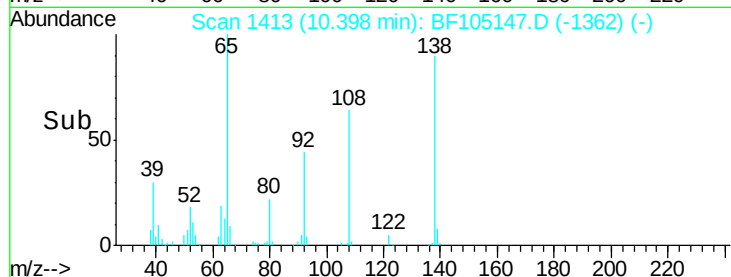
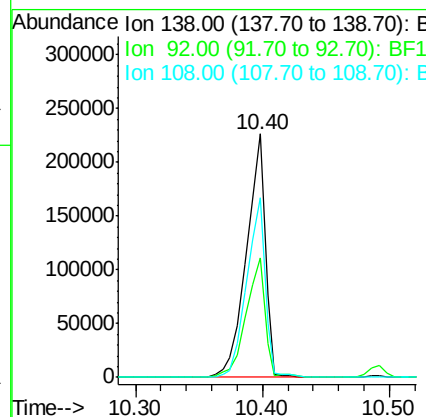
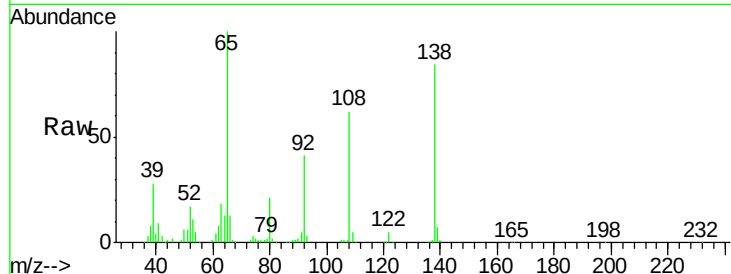
#61
4-Nitroaniline
Concen: 39.632 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.2	70.2
108	73.9	52.5	92.5

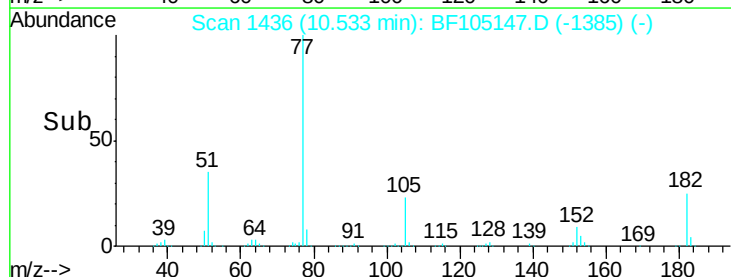
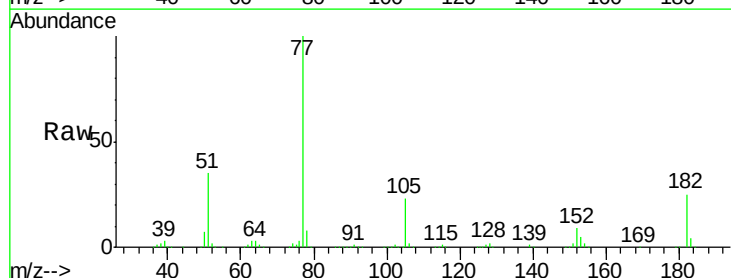
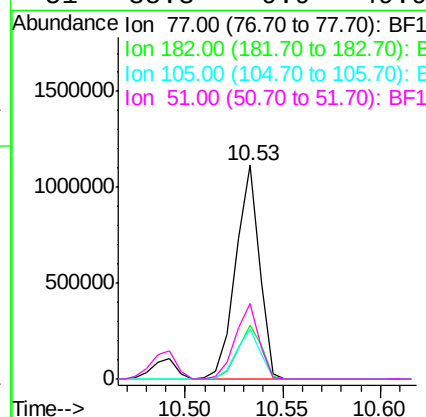
Manual Integrations
APPROVED

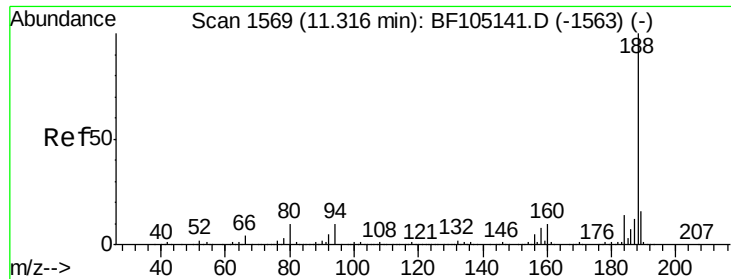
Sohil
5/9/2018 6:50:52 PM



#62
Azobenzene
Concen: 35.453 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	23.3	3.0	43.0
51	35.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

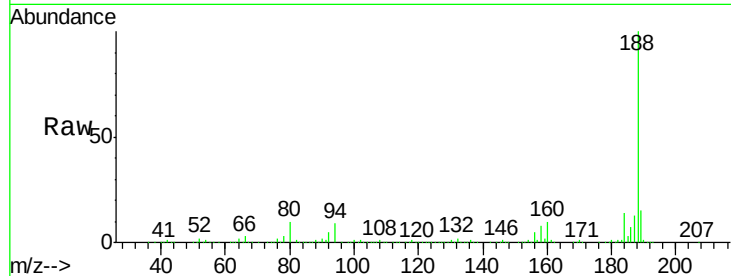
ClientSampleId :

SSTDCCC040

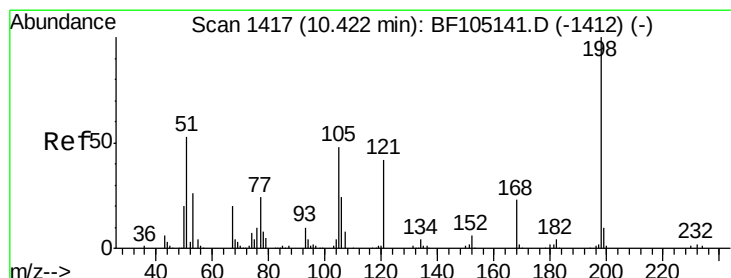
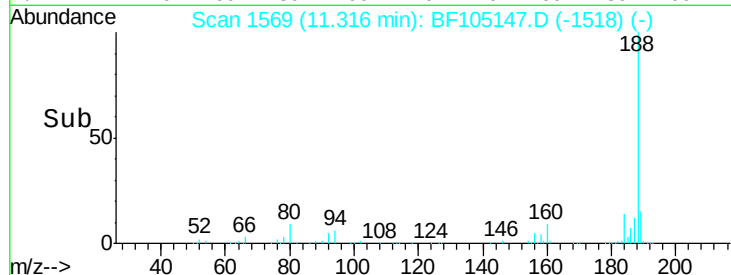
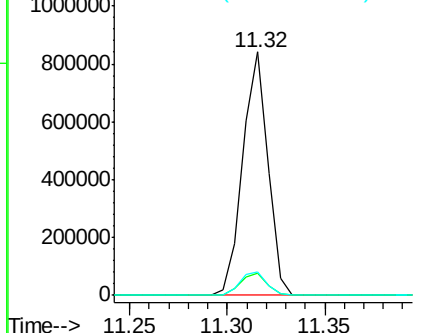
Tot Ion:	188	Resp:	752004
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 44.407 ng

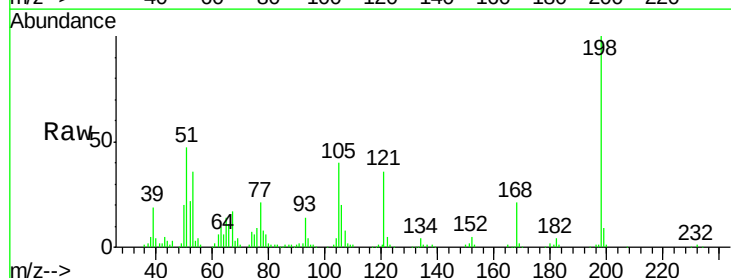
RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

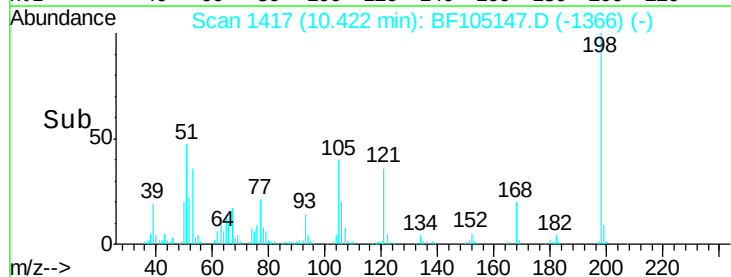
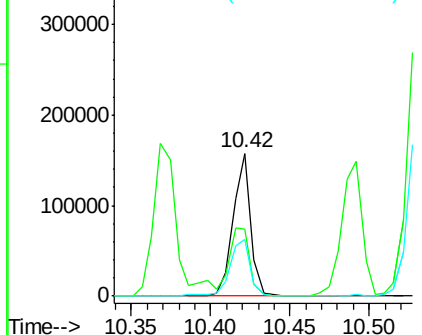
Lab File: BF105147.D

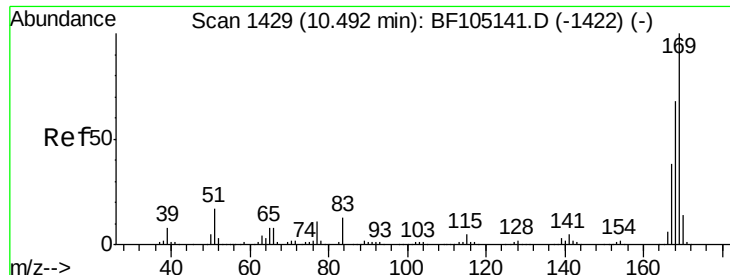
Acq: 8 May 2018 16:48

Tgt Ion:	198	Resp:	120830
Ion Ratio	Lower	Upper	
198	100		
51	47.4	37.7	77.7
105	40.0	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E





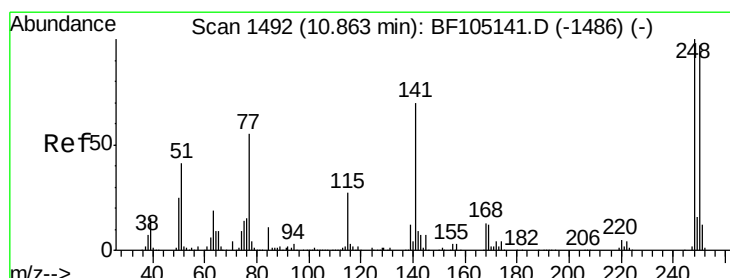
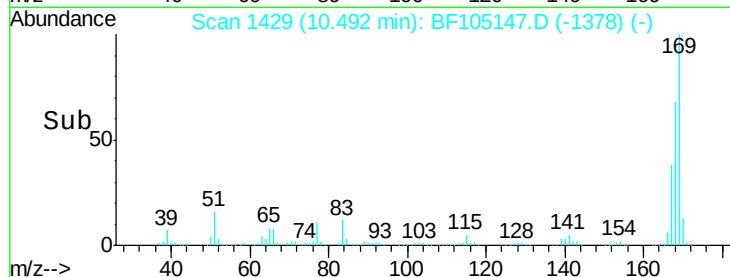
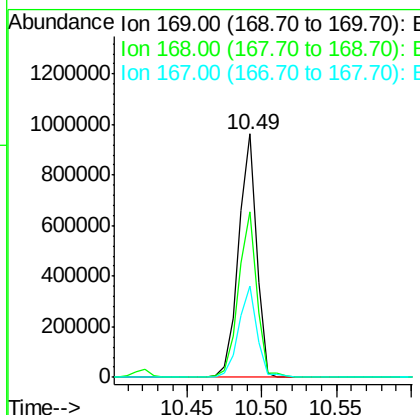
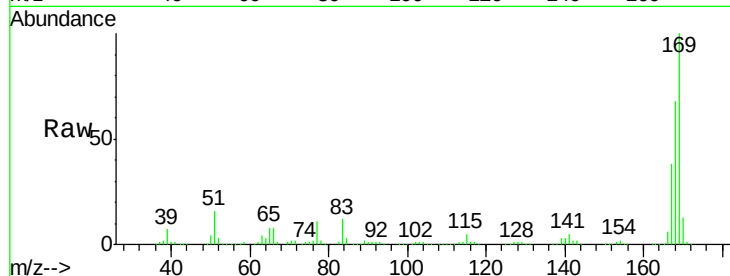
#65
 n-Nitrosodiphenylamine
 Concen: 34.765 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.7	29.8	44.6

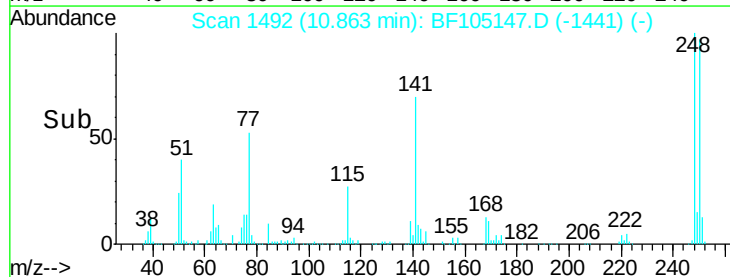
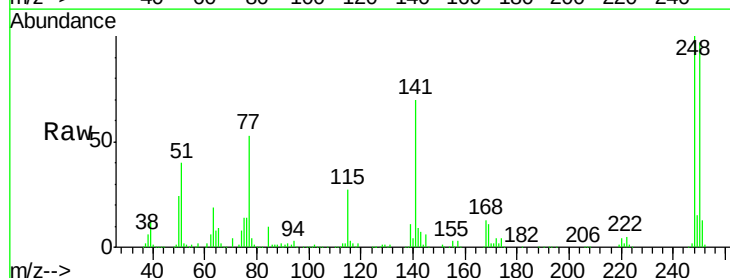
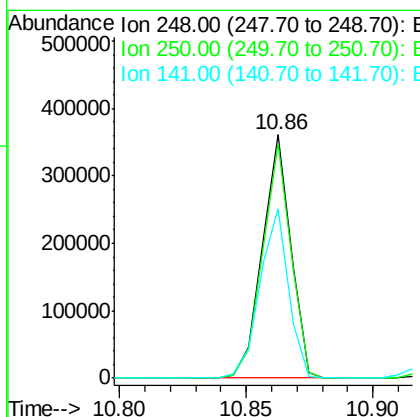
Manual Integrations
 APPROVED

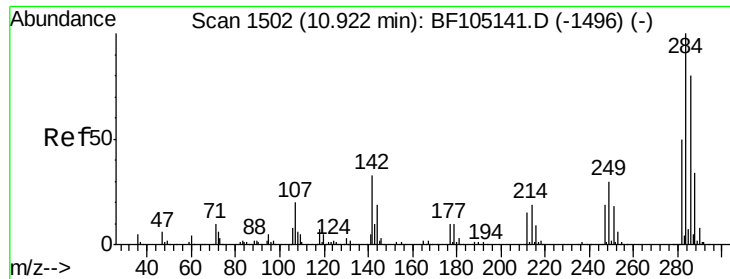
Sohil
 5/9/2018 6:50:52 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.157 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	69.8	74.4	111.6#





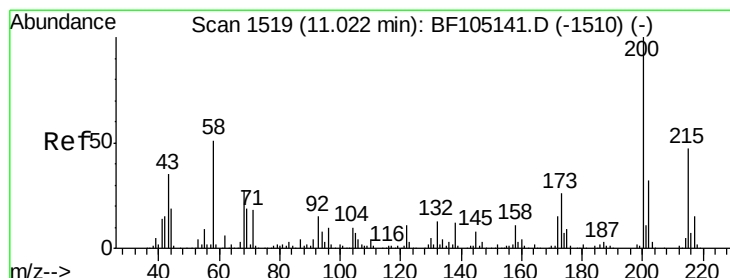
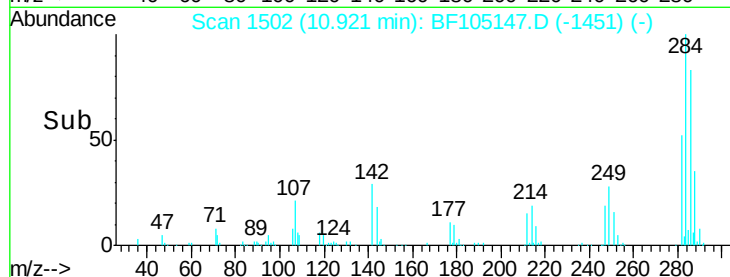
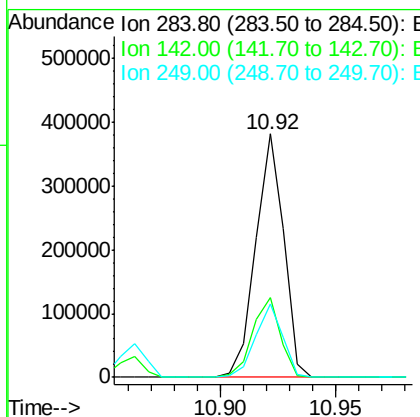
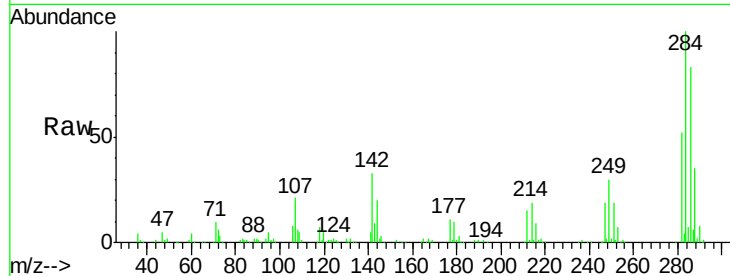
#67
Hexachlorobenzene
Concen: 35.057 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	323967		
142	32.9		34.6	52.0#
249	29.9		24.8	37.2

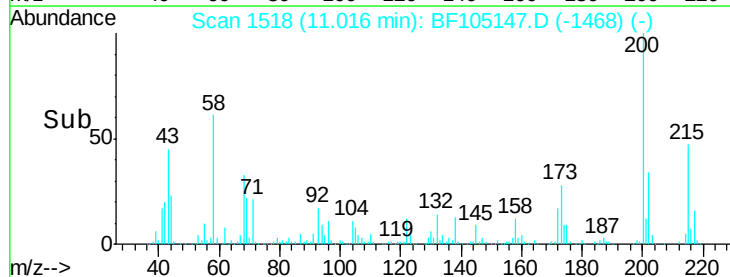
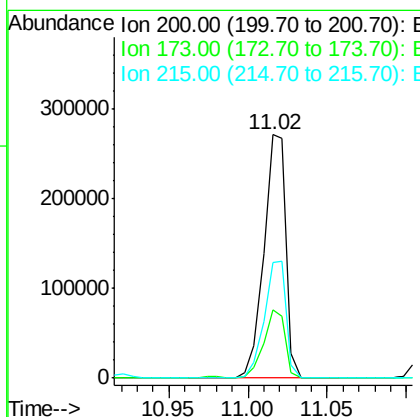
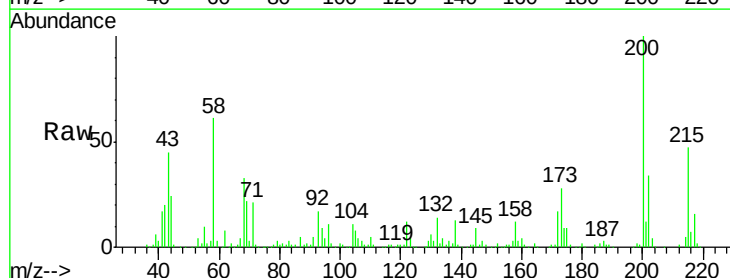
Manual Integrations
APPROVED

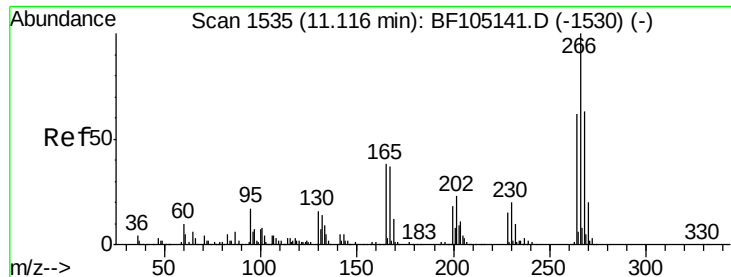
Sohil
5/9/2018 6:50:52 PM



#68
Atrazine
Concen: 36.022 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	264652		
173	27.9		8.6	48.6
215	47.5		25.1	65.1





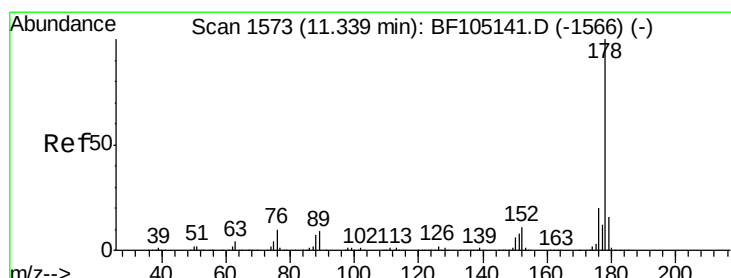
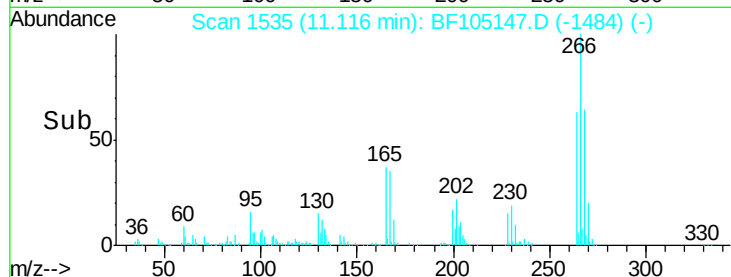
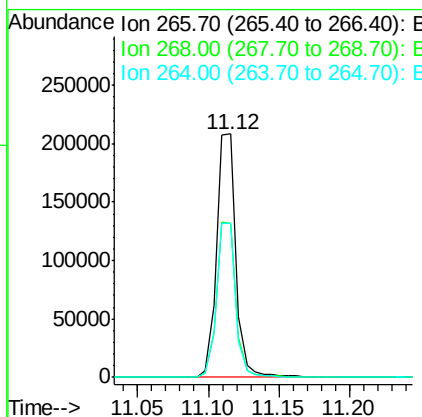
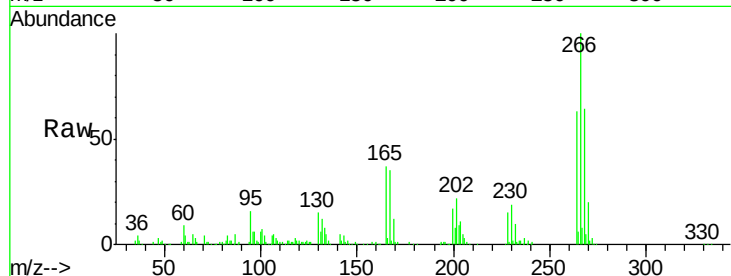
#69
 Pentachlorophenol
 Concen: 38.108 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.5	49.5	74.3

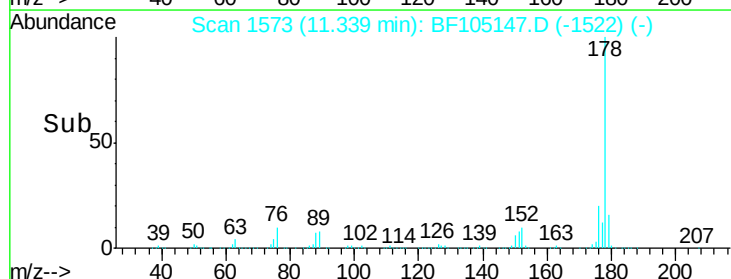
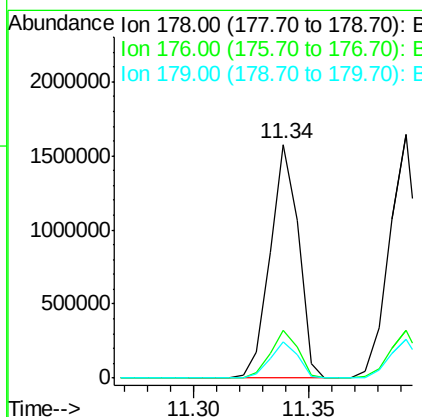
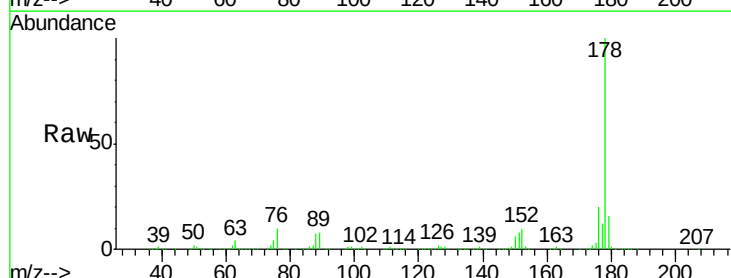
Manual Integrations
 APPROVED

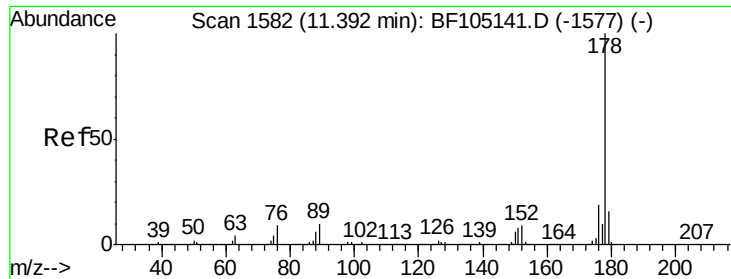
Sohil
 5/9/2018 6:50:52 PM



#70
 Phenanthrene
 Concen: 33.757 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6





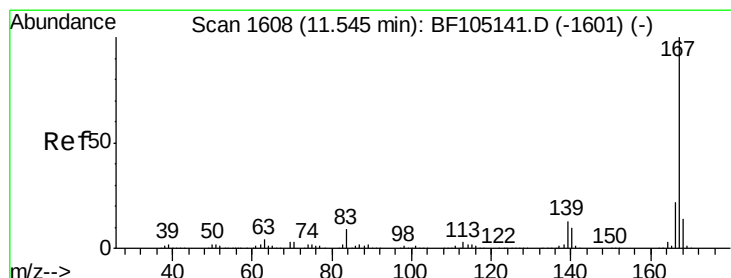
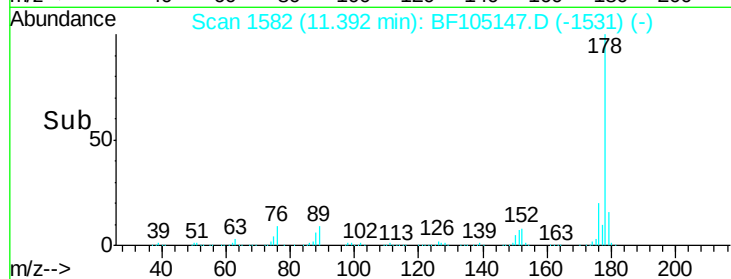
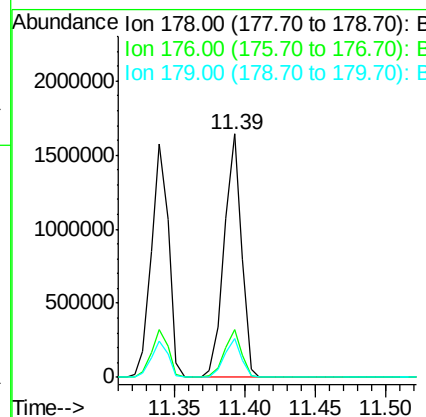
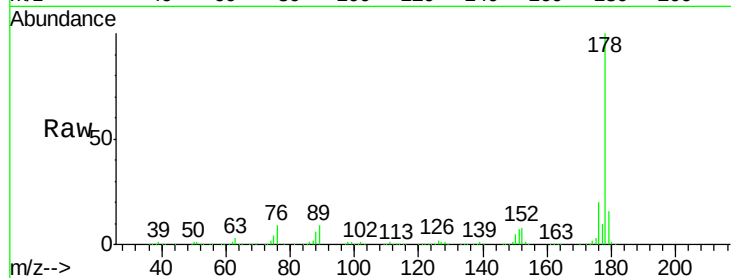
#71
 Anthracene
 Concen: 34.768 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.6	19.0

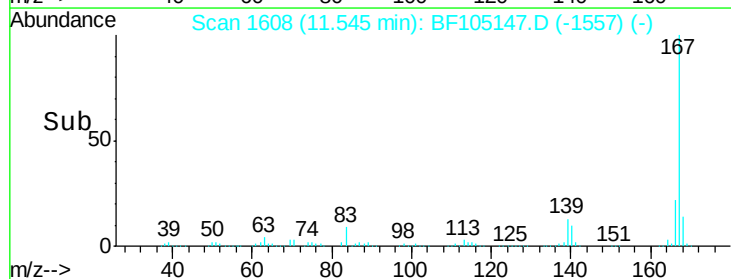
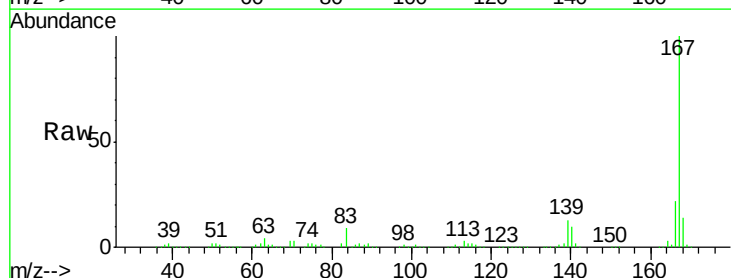
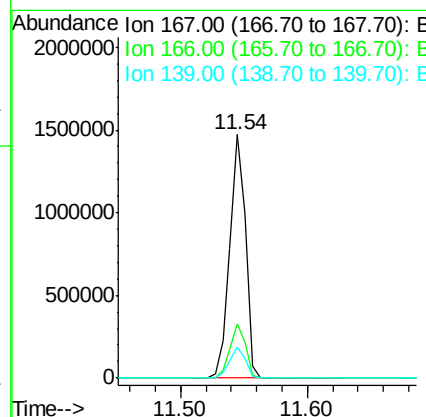
Manual Integrations
 APPROVED

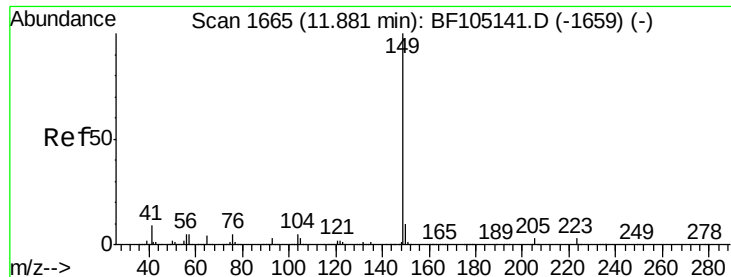
Sohil
 5/9/2018 6:50:52 PM



#72
 Carbazole
 Concen: 35.008 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.293 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1447908

Ion Ratio Lower Upper

149 100

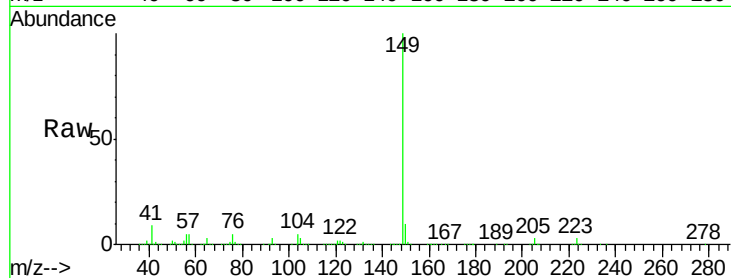
150 9.8 7.8 11.6

104 5.2 3.8 5.8

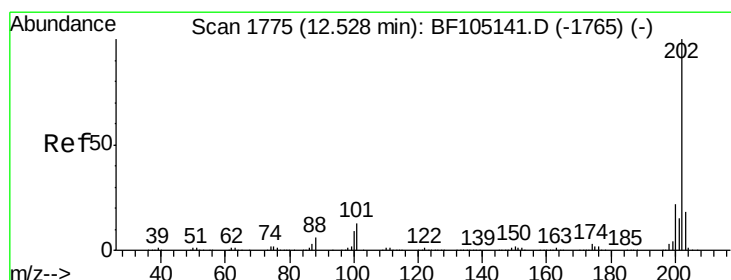
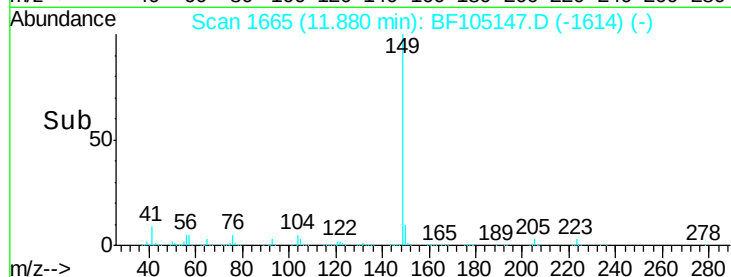
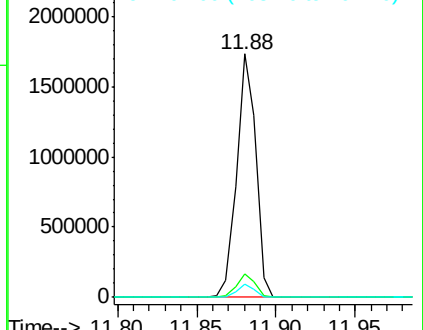
Manual Integrations
APPROVED

Sohil

5/9/2018 6:50:52 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: 35.262 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

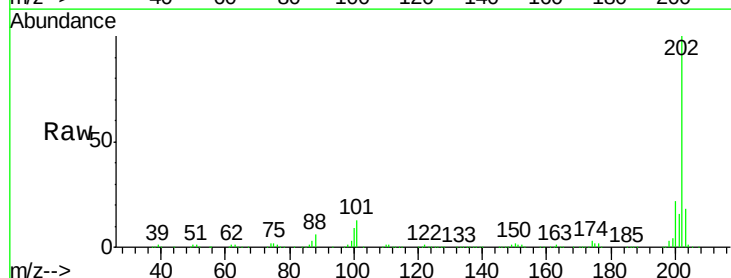
Tgt Ion:202 Resp: 1456712

Ion Ratio Lower Upper

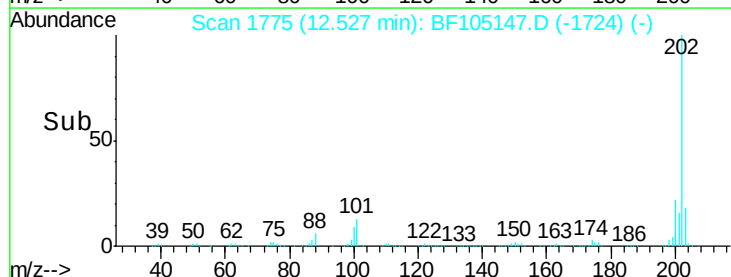
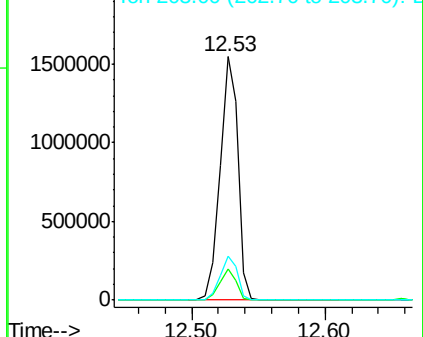
202 100

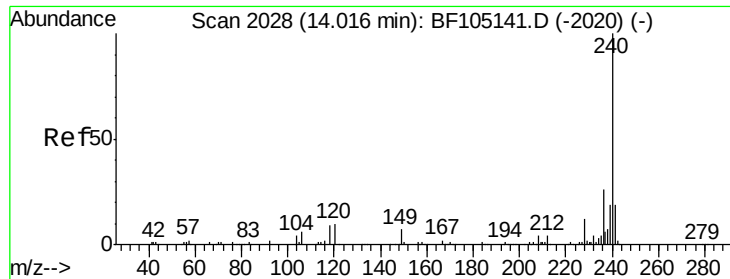
101 12.5 0.0 34.1

203 18.2 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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

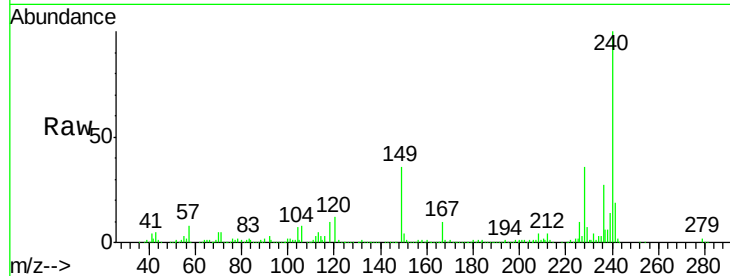
ClientSampleId :

SSTDCCC040

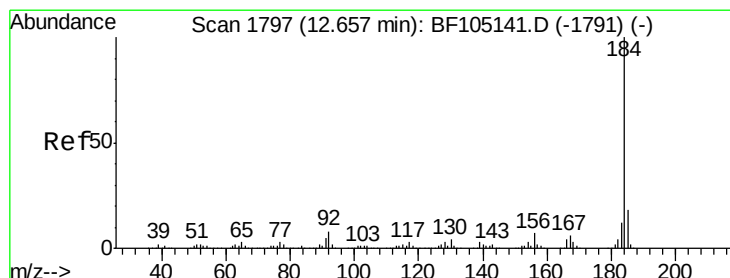
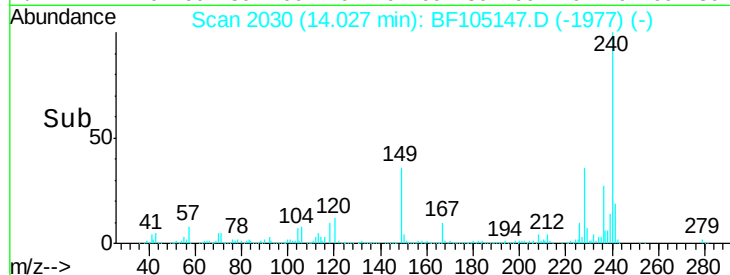
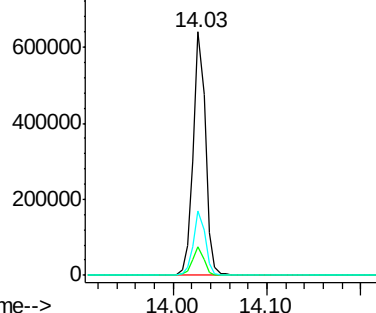
Tot Ion:	240	Resp:	588885
Ion Ratio		Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 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: 37.764 ng

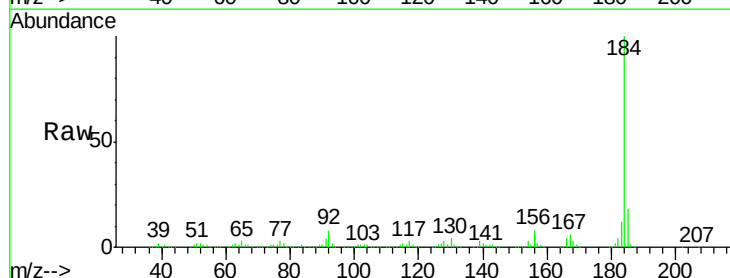
RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

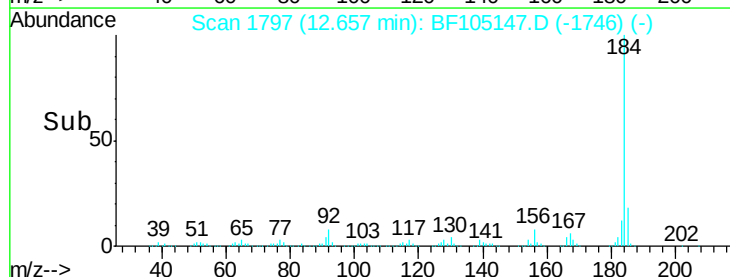
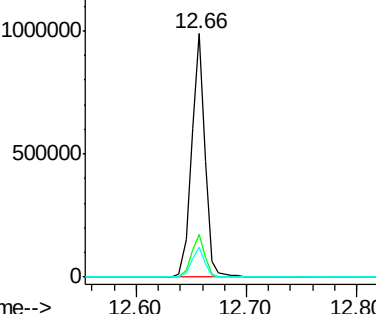
Lab File: BF105147.D

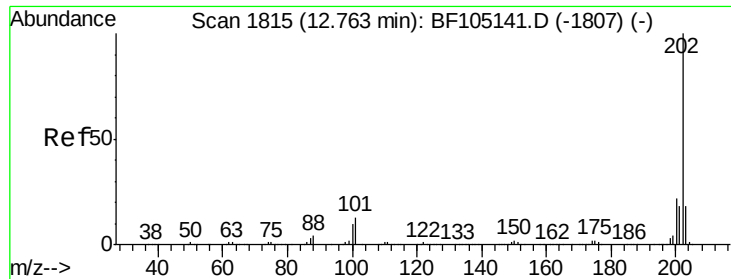
Acq: 8 May 2018 16:48

Tgt Ion:	184	Resp:	830441
Ion Ratio		Lower	Upper
184	100		
185	17.7	12.6	18.8
183	12.3	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





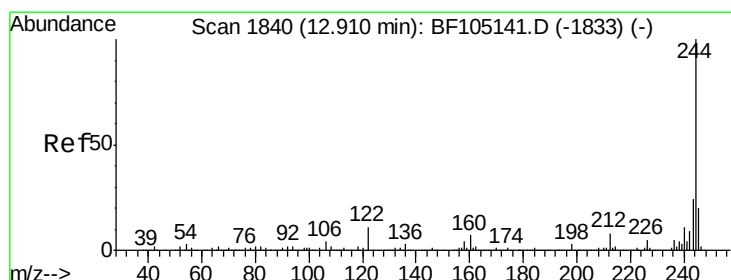
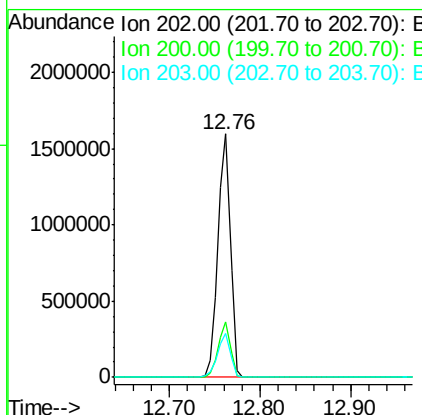
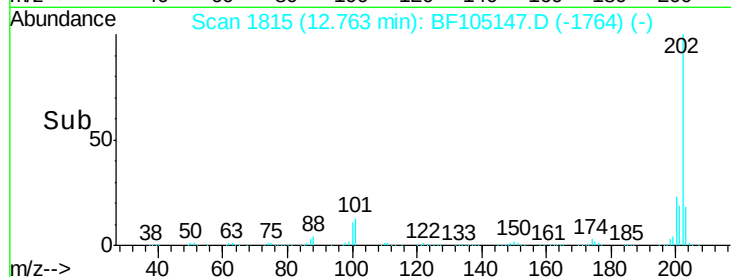
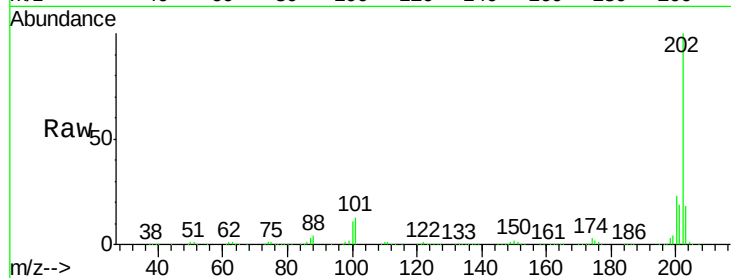
#77
Pvrene
Concen: 35.153 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.0	14.3	21.5

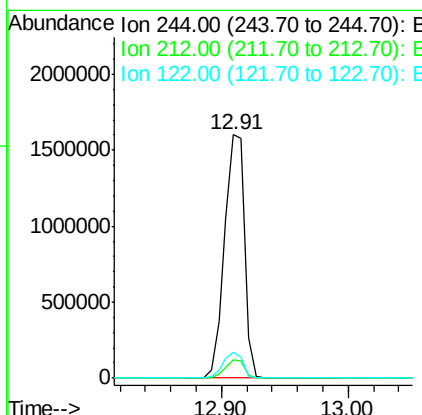
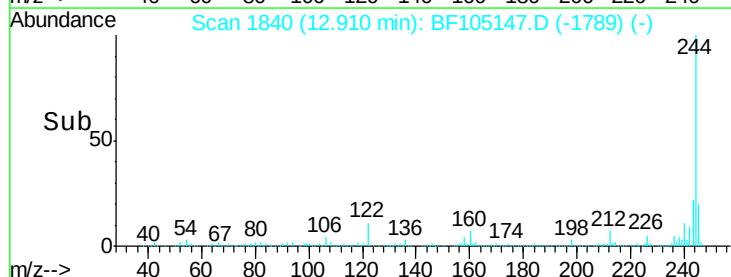
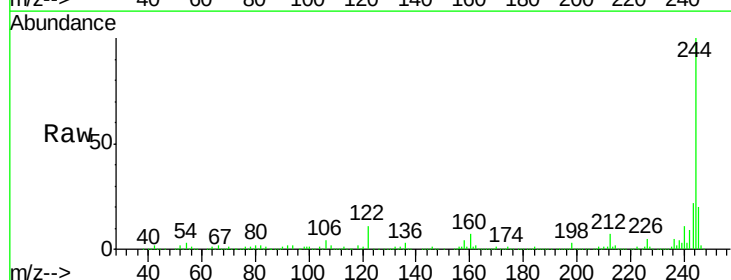
Manual Integrations
APPROVED

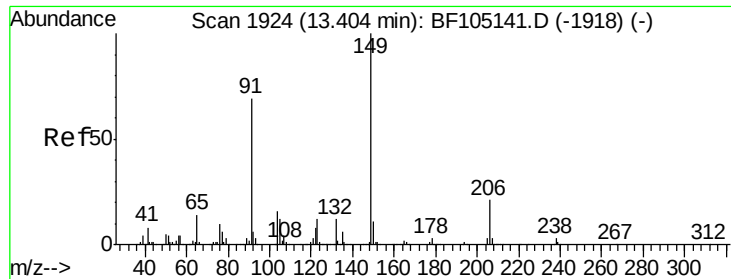
Sohil
5/9/2018 6:50:52 PM



#78
Terphenyl-d14
Concen: 69.086 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.9	11.0	16.4#





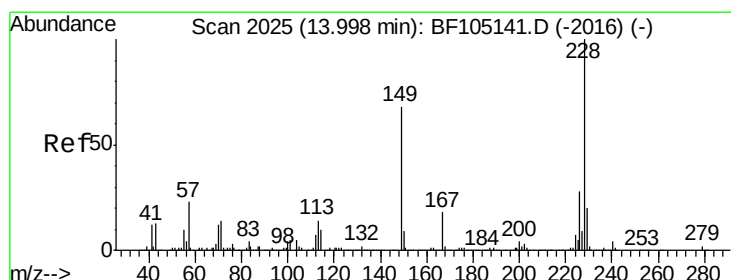
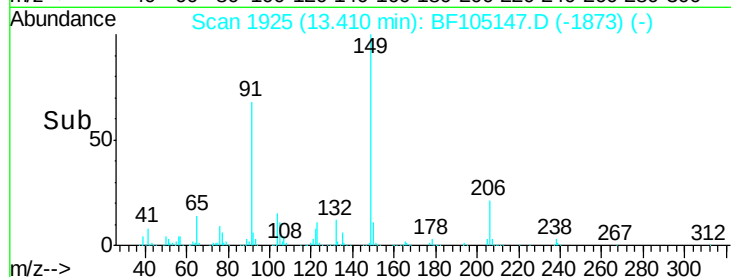
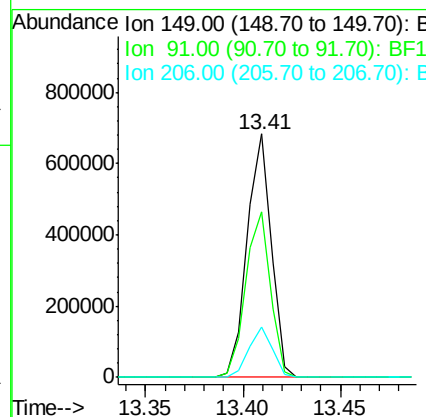
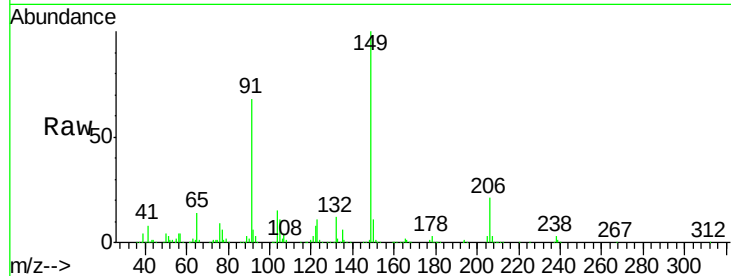
#79
Butylbenzylphthalate
Concen: 39.360 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	586837		
91	67.9	56.8	85.2	
206	20.7	14.1	21.1	

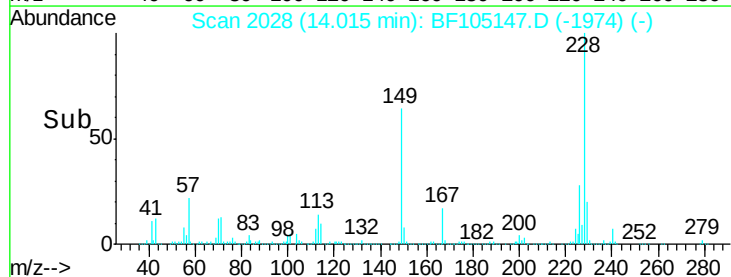
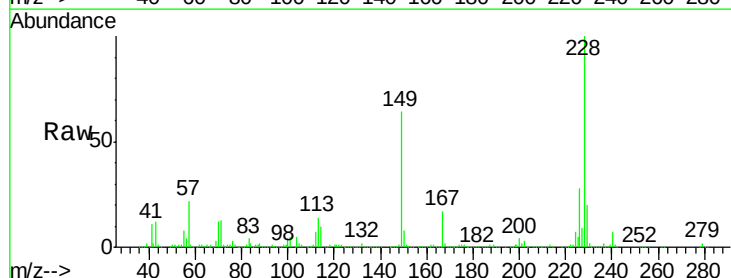
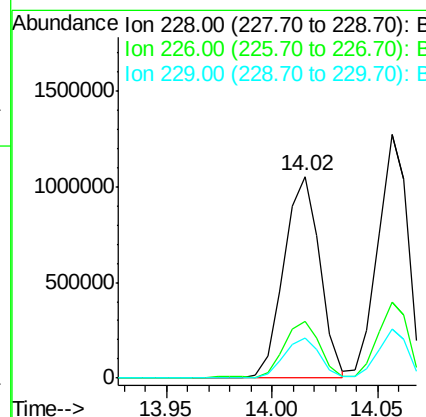
Manual Integrations
APPROVED

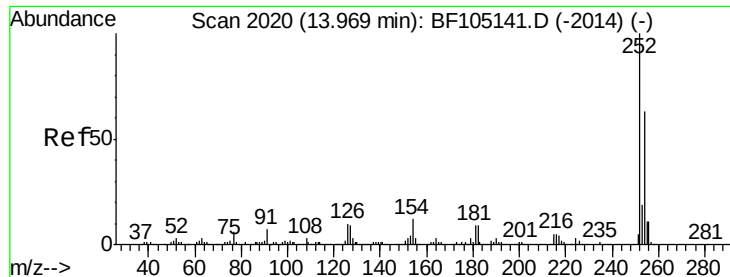
Sohil
5/9/2018 6:50:52 PM



#80
Benzo(a)anthracene
Concen: 35.139 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1254966		
226	28.0	22.6	33.8	
229	20.1	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 38.621 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

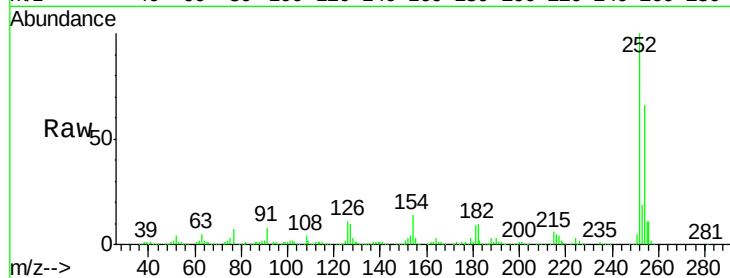
ClientSampleId :

SSTDCCC040

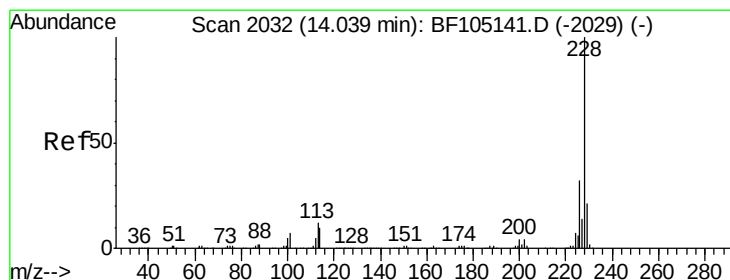
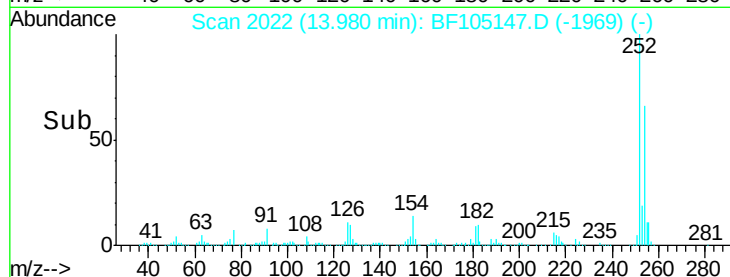
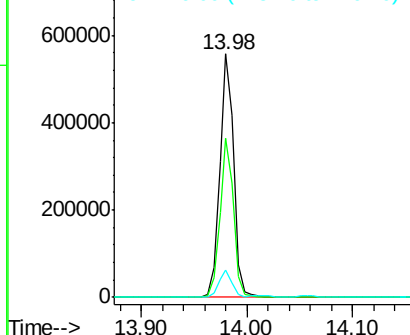
Tot Ion:	252	Resp:	518556
Ion Ratio		Lower	Upper
252	100		
254	65.5	50.4	75.6
126	11.2	11.3	16.9#

Manual Integrations
APPROVED

Sohil
5/9/2018 6:50:52 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.858 ng

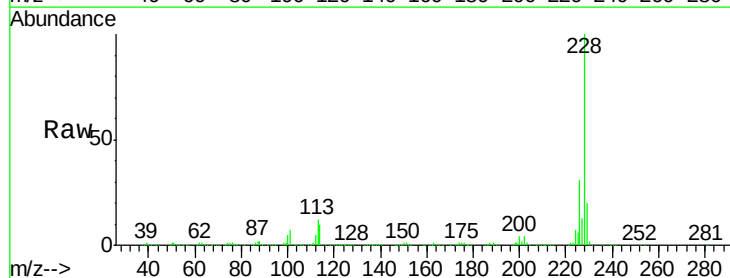
RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

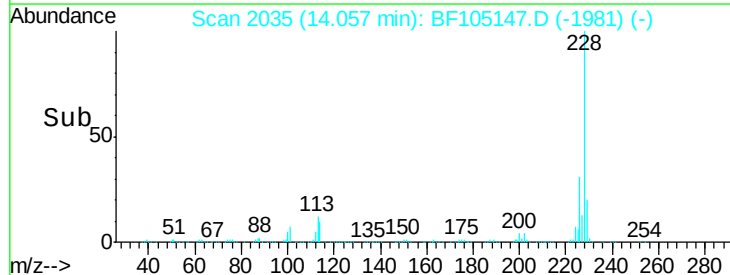
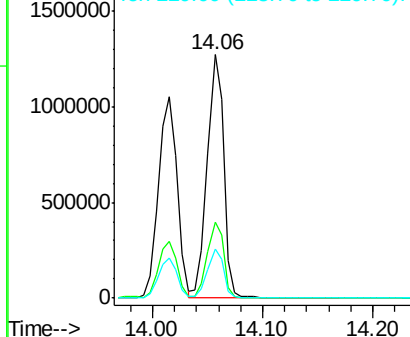
Lab File: BF105147.D

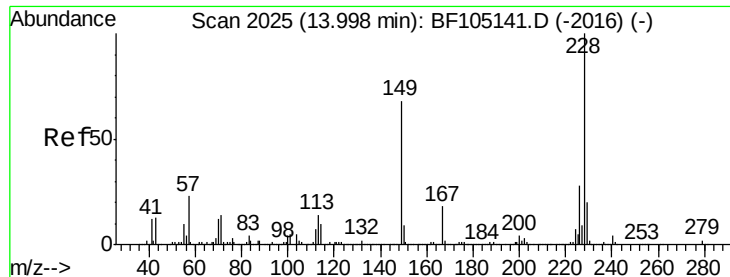
Acq: 8 May 2018 16:48

Tgt Ion:	228	Resp:	1282099
Ion Ratio		Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





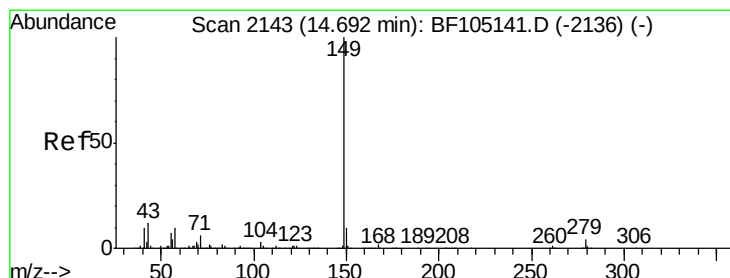
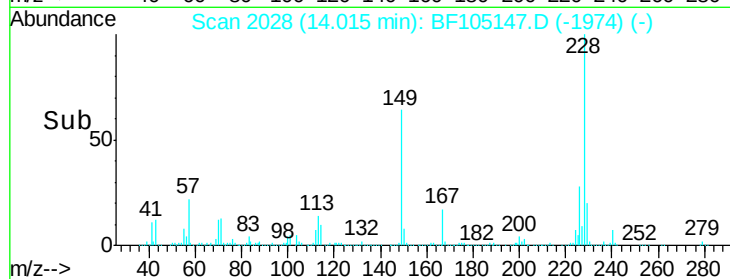
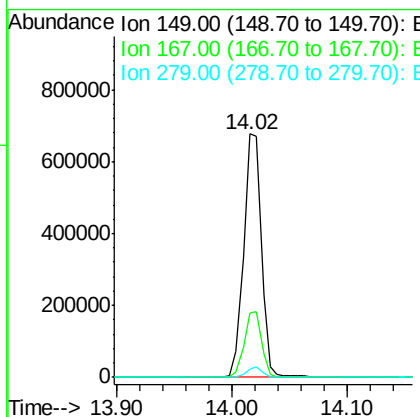
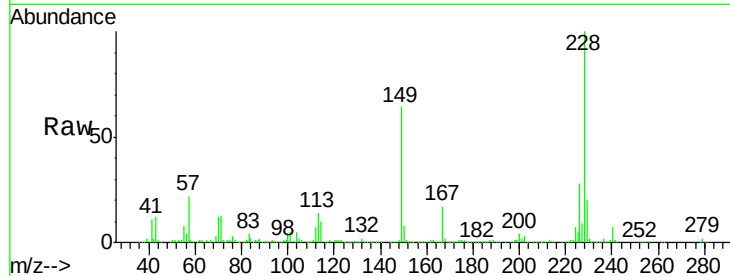
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.880 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	723940		
167	26.5	21.3	31.9	
279	3.5	3.0	4.4	

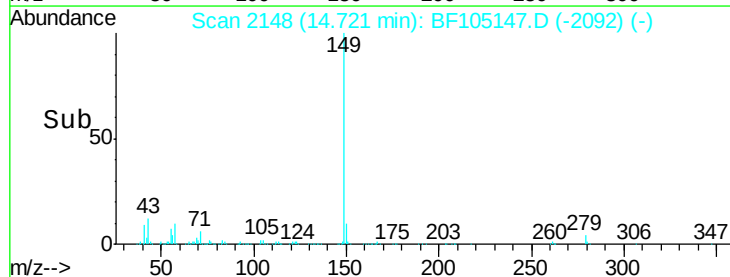
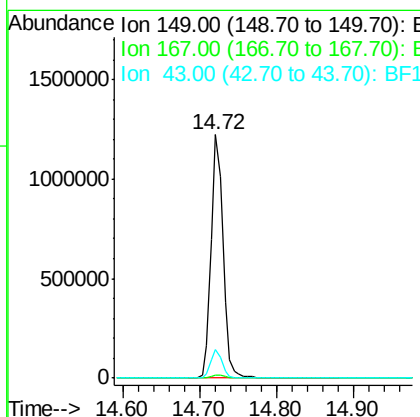
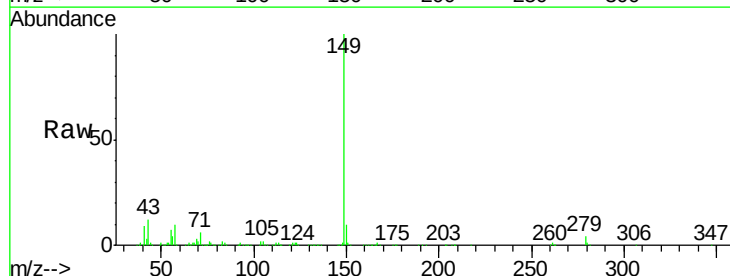
Manual Integrations
APPROVED

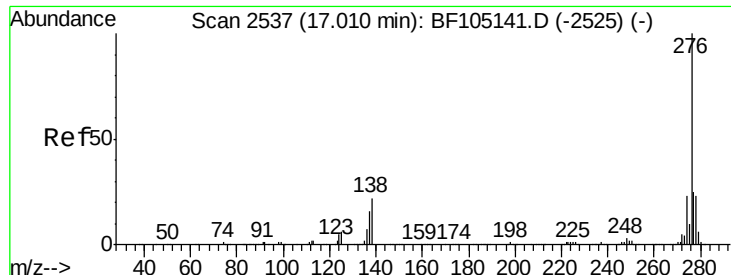
Sohil
5/9/2018 6:50:52 PM



#84
Di-n-octyl phthalate
Concen: 39.256 ng
RT: 14.72 min Scan# 2148
Delta R.T. 0.03 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1297514		
167	1.5	1.2	1.8	
43	11.6	8.4	12.6	





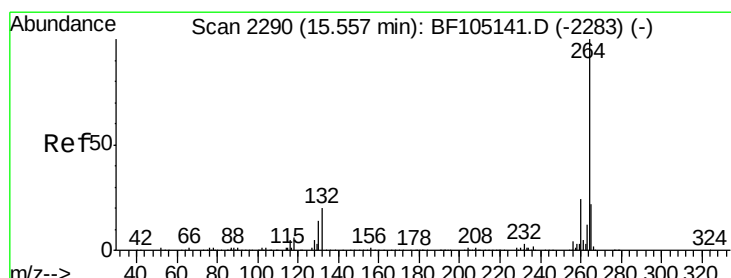
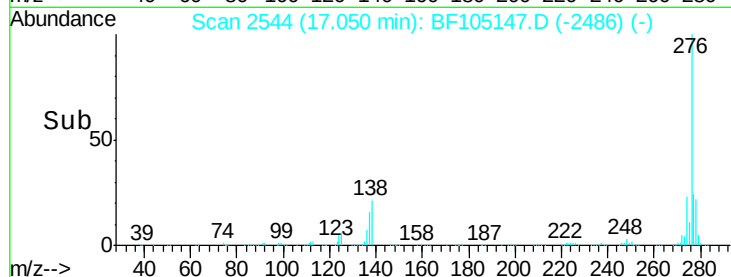
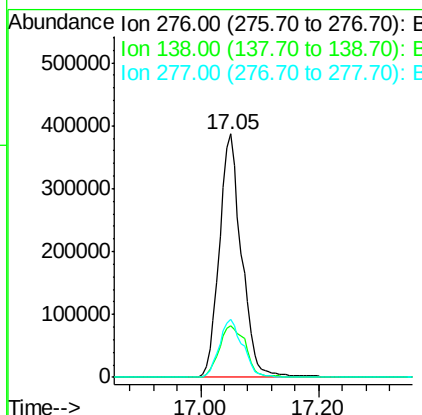
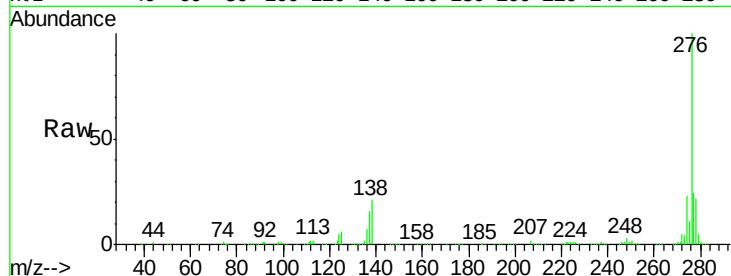
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.858 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 1015998
Ion Ratio Lower Upper
276 100
138 25.2 25.0 37.6
277 25.2 20.1 30.1

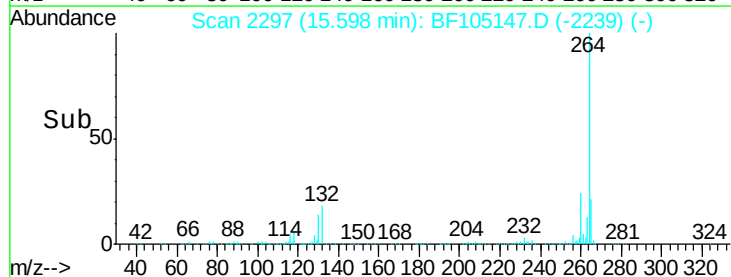
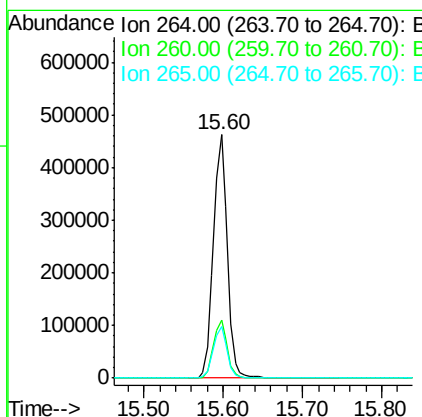
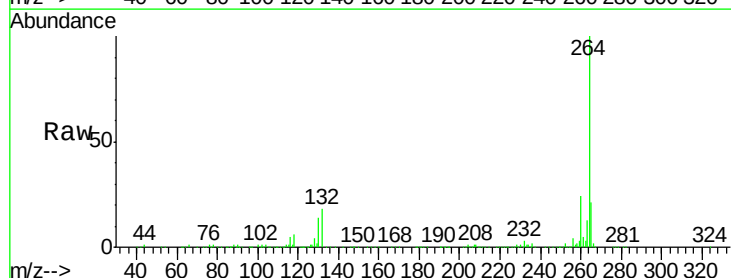
Manual Integrations
APPROVED

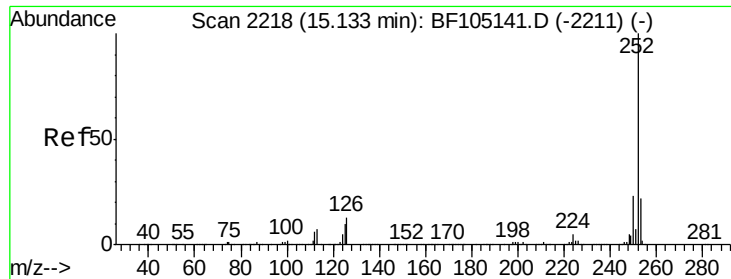
Sohil
5/9/2018 6:50:52 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.04 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion:264 Resp: 566957
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.3 17.5 26.3





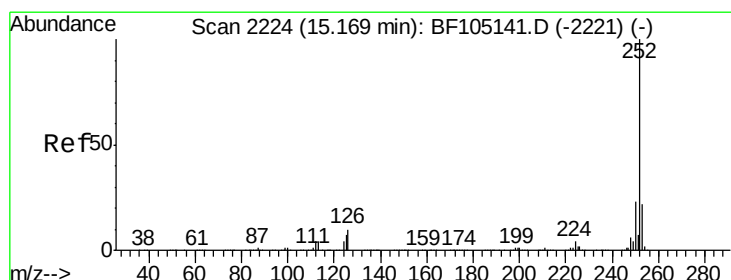
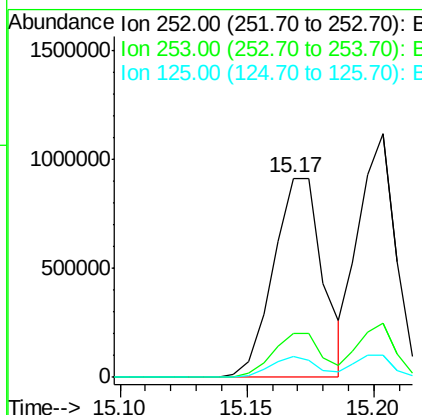
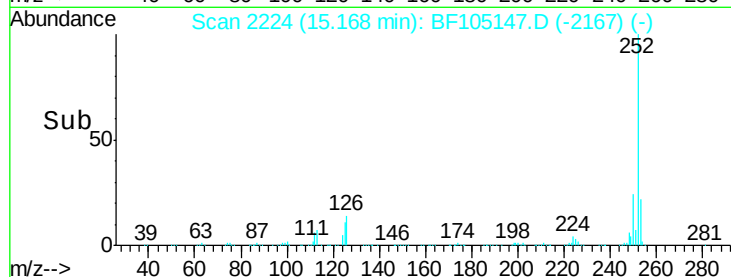
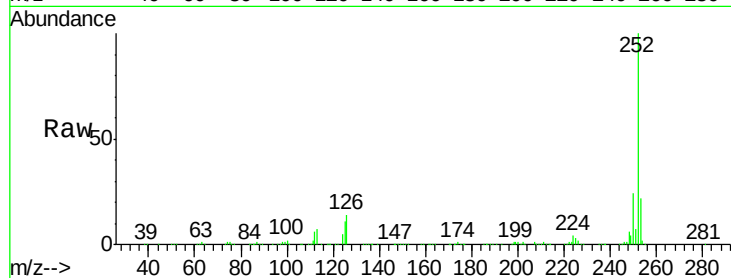
#87
Benzo(b)fluoranthene
Concen: 35.759 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.04 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.6	9.0	13.6

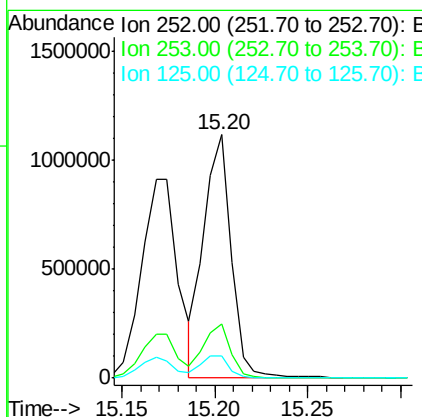
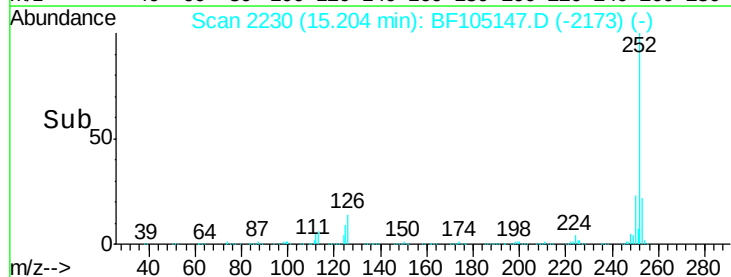
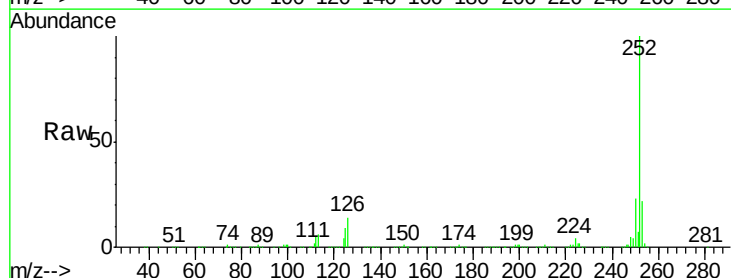
Manual Integrations
APPROVED

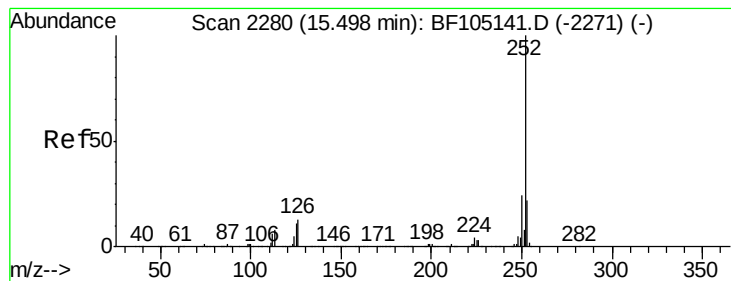
Sohil
5/9/2018 6:50:52 PM



#88
Benzo(k)fluoranthene
Concen: 34.605 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.04 min
Lab File: BF105147.D
Acq: 8 May 2018 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.1	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 36.051 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.04 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1137273

Ion Ratio Lower Upper

252 100

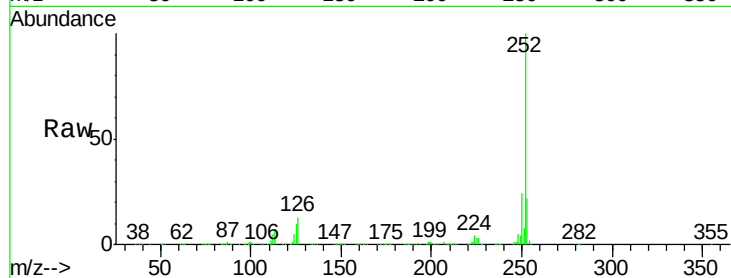
253 22.2 17.1 25.7

125 9.9 9.8 14.6

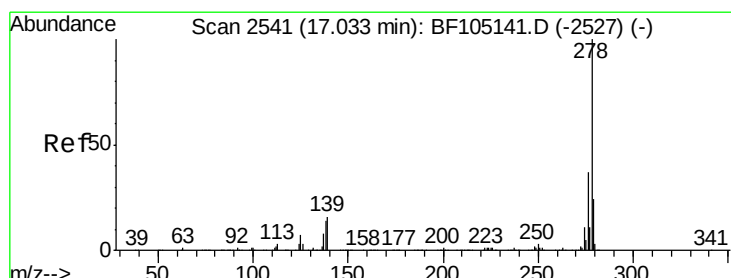
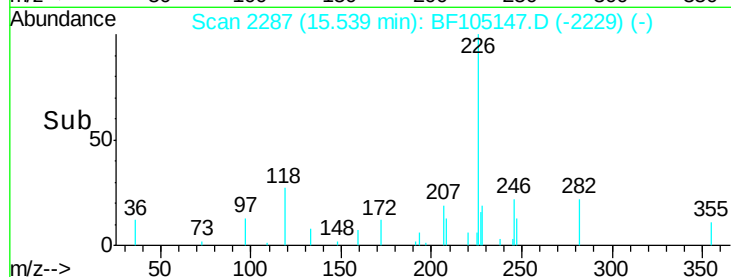
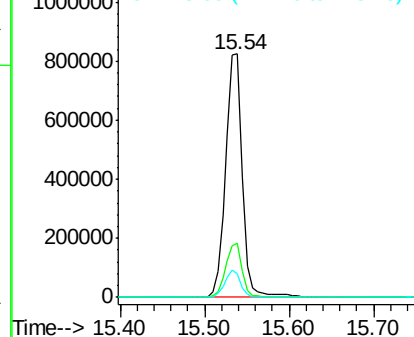
Manual Integrations
APPROVED

Sohil

5/9/2018 6:50:52 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.744 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF105147.D

Acq: 8 May 2018 16:48

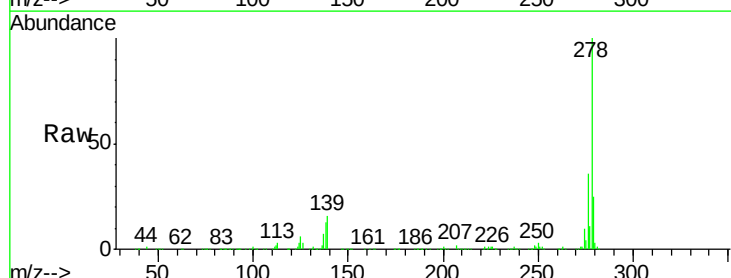
Tgt Ion:278 Resp: 826778

Ion Ratio Lower Upper

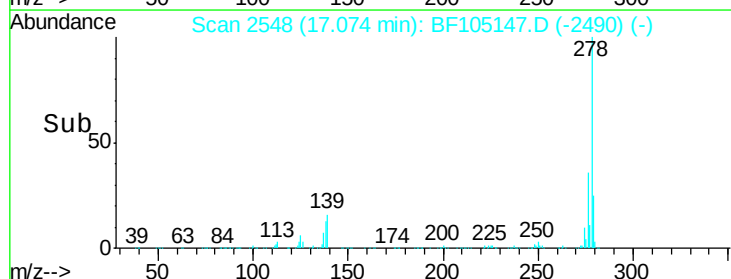
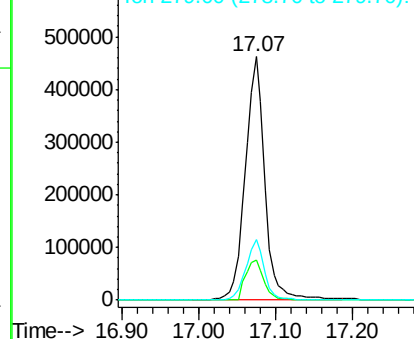
278 100

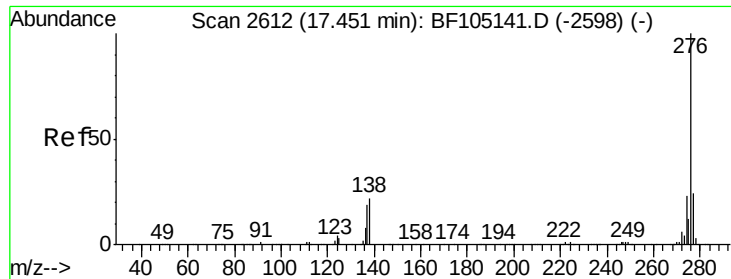
139 16.3 15.9 23.9

279 24.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.053 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.04 min
 Lab File: BF105147.D
 Acq: 8 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	816268
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:50:52 PM

