

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106869.D
 Acq On : 27 Jun 2018 14:05
 Operator : JU/SJ
 Sample : PB110604BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM

Quant Time: Jun 27 14:38:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55290	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	221110	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	121418	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	255602	20.00	ng	0.00
75) Chrysene-d12	14.15	240	187331	20.00	ng	-0.01
86) Perylene-d12	15.69	264	186627	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	346499	106.12	ng	0.00
7) Phenol-d6	6.61	99	442738	108.58	ng	0.00
23) Nitrobenzene-d5	7.52	82	285338	71.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	166596	118.38	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	544577	74.01	ng	-0.01
78) Terphenyl-d14	13.08	244	693043	89.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.87	88	47163	28.095	ng	98
3) Pyridine	3.64	79	139855	30.719	ng	98
4) n-Nitrosodimethylamine	3.61	42	58317	30.159	ng	85
6) Aniline	6.62	93	122602	22.166	ng	# 84
8) 2-Chlorophenol	6.75	128	134119	37.450	ng	94
9) Benzaldehyde	6.51	77	83163	27.525	ng	93
10) Phenol	6.62	94	160266	34.440	ng	84
11) bis(2-Chloroethyl)ether	6.69	93	130661	34.011	ng	100
12) 1,3-Dichlorobenzene	6.90	146	154323	36.792	ng	97
13) 1,4-Dichlorobenzene	6.97	146	153030	36.086	ng	99
14) 1,2-Dichlorobenzene	7.12	146	144114	37.082	ng	99
15) Benzyl Alcohol	7.10	79	116182	35.485	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	178535	35.420	ng	69
17) 2-Methylphenol	7.21	107	114377	37.320	ng	# 92
18) Hexachloroethane	7.47	117	52903	35.475	ng	# 84
19) n-Nitroso-di-n-propylamine	7.37	70	88954	33.095	ng	95
20) 3+4-Methylphenols	7.37	107	139431	41.145	ng	# 66
22) Acetophenone	7.37	105	180776	36.544	ng	# 95
24) Nitrobenzene	7.54	77	143188	35.250	ng	99
25) Isophorone	7.78	82	267143	38.103	ng	99
26) 2-Nitrophenol	7.85	139	78602	40.990	ng	99
27) 2,4-Dimethylphenol	7.90	122	125346	42.291	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	168244	35.740	ng	99
29) 2,4-Dichlorophenol	8.10	162	125593	40.474	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	137877	40.334	ng	97
31) Naphthalene	8.26	128	392902	38.007	ng	99
32) Benzoic acid	8.03	122	78051	37.612	ng	97
33) 4-Chloroaniline	8.31	127	39957	9.212	ng	100
34) Hexachlorobutadiene	8.37	225	89706	40.274	ng	97
35) Caprolactam	8.70	113	40282m	39.824	ng	
36) 4-Chloro-3-methylphenol	8.81	107	133651	40.920	ng	97
37) 2-Methylnaphthalene	8.95	142	291520	42.545	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	152252	37.235	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	122858	58.399	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106869.D
 Acq On : 27 Jun 2018 14:05
 Operator : JU/SJ
 Sample : PB110604BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

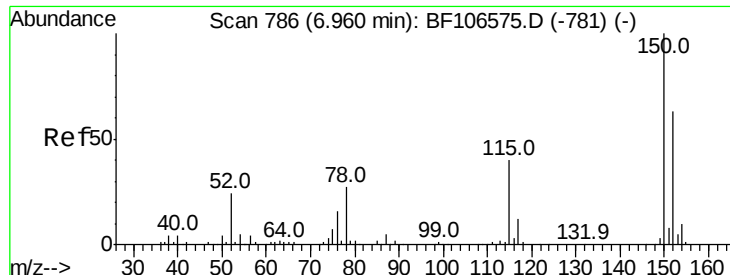
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM

Quant Time: Jun 27 14:38:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	92951	34.198	nq	91
43) 2,4,5-Trichlorophenol	9.28	196	99021	34.914	nq	90
45) 1,1'-Biphenyl	9.42	154	351765	36.353	nq	98
46) 2-Chloronaphthalene	9.45	162	261116	34.282	nq	96
47) 2-Nitroaniline	9.55	65	81942	31.993	nq	99
48) Acenaphthylene	9.87	152	419226	34.862	nq	99
49) Dimethylphthalate	9.72	163	319806	35.118	nq	99
50) 2,6-Dinitrotoluene	9.78	165	75574	39.191	nq	92
51) Acenaphthene	10.04	154	251903	33.266	nq	98
52) 3-Nitroaniline	9.96	138	38470	17.337	nq	93
53) 2,4-Dinitrophenol	10.07	184	72443	72.774	nq #	18
54) Dibenzofuran	10.21	168	391210	37.729	nq	97
55) 4-Nitrophenol	10.14	139	86493	55.842	nq	99
56) 2,4-Dinitrotoluene	10.20	165	103101	40.962	nq #	85
57) Fluorene	10.55	166	310180	37.697	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	91015	40.370	nq #	79
59) Diethylphthalate	10.41	149	297690	33.869	nq #	94
60) 4-Chlorophenyl-phenylether	10.54	204	158624	36.845	nq #	86
61) 4-Nitroaniline	10.58	138	75466	34.268	nq	94
62) Azobenzene	10.70	77	282074	32.590	nq	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	58663	37.129	nq #	73
65) n-Nitrosodiphenylamine	10.66	169	272809	31.732	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	112884	37.005	nq #	80
67) Hexachlorobenzene	11.10	284	120538	37.754	nq #	81
68) Atrazine	11.19	200	103425	37.842	nq	94
69) Pentachlorophenol	11.30	266	98308	61.710	nq	99
70) Phenanthrene	11.52	178	470419	38.158	nq	99
71) Anthracene	11.57	178	479936	38.140	nq	99
72) Carbazole	11.73	167	430446	36.537	nq	98
73) Di-n-butylphthalate	12.04	149	477942	34.436	nq	100
74) Fluoranthene	12.71	202	509011	37.460	nq	95
76) Benzidine	12.83	184	198913	37.284	nq	97
77) Pyrene	12.94	202	507056	41.047	nq	100
79) Butylbenzylphthalate	13.55	149	191117	37.629	nq #	88
80) Benzo(a)anthracene	14.14	228	428515	37.532	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	65756	16.387	nq #	95
82) Chrysene	14.18	228	396582	37.756	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	236224	36.379	nq #	97
84) Di-n-octyl phthalate	14.74	149	362056	34.206	nq #	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	447202	50.169	nq #	89
87) Benzo(b)fluoranthene	15.24	252	414761	35.776	nq #	96
88) Benzo(k)fluoranthene	15.27	252	375871	34.046	nq #	95
89) Benzo(a)pyrene	15.63	252	391549	37.992	nq #	96
90) Dibenzo(a,h)anthracene	17.29	278	366784	41.994	nq #	93
91) Benzo(g,h,i)perylene	17.76	276	379146	44.412	nq #	89

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



#1

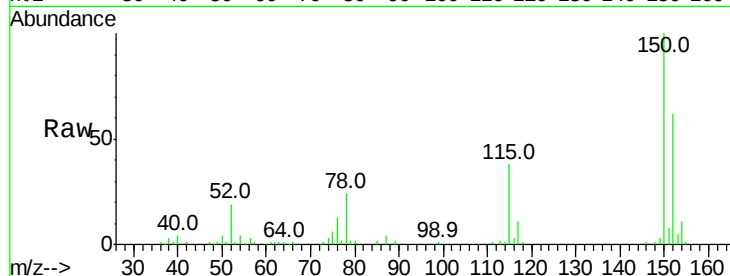
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

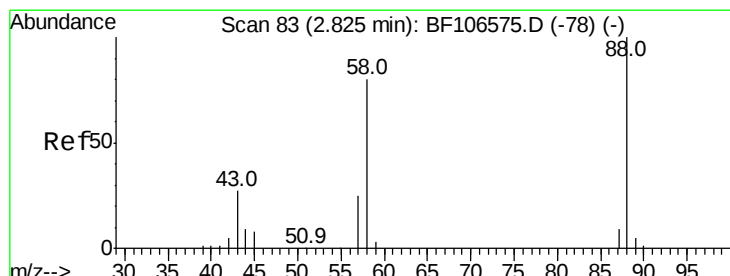
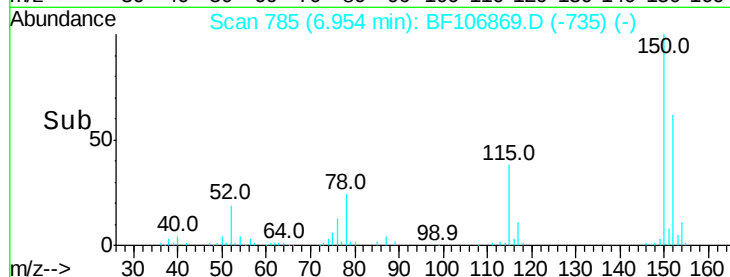
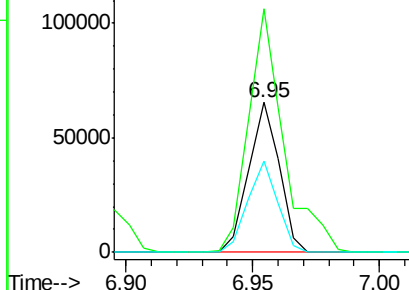
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	60.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



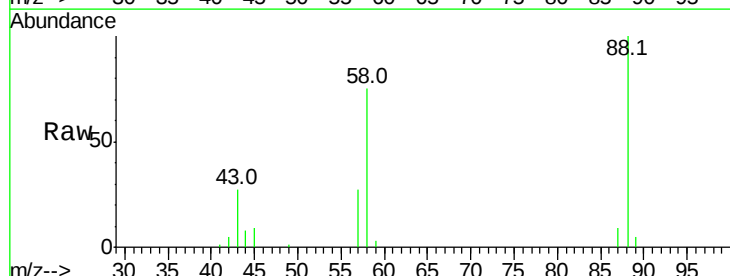
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



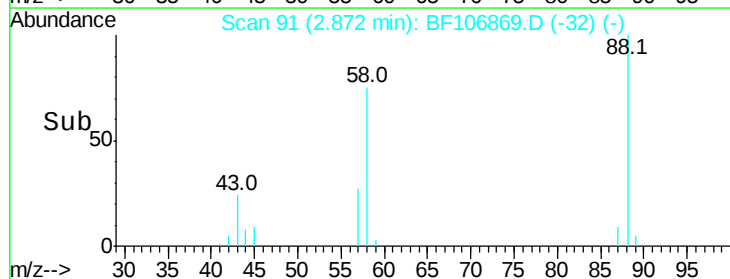
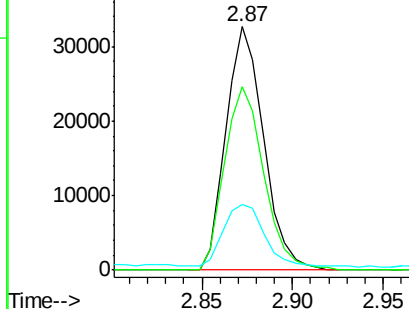
#2

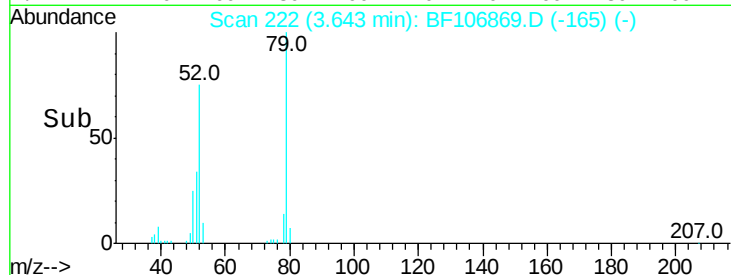
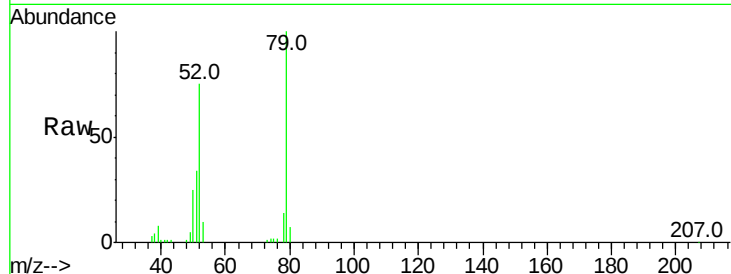
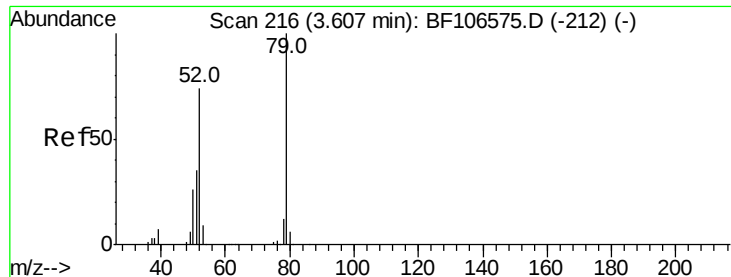
1,4-Dioxane
Concen: 28.095 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	62.6	93.8
43	27.8	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





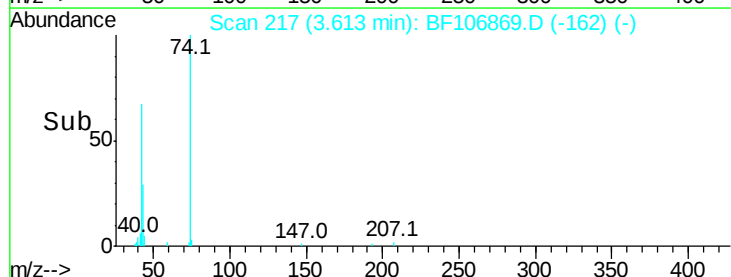
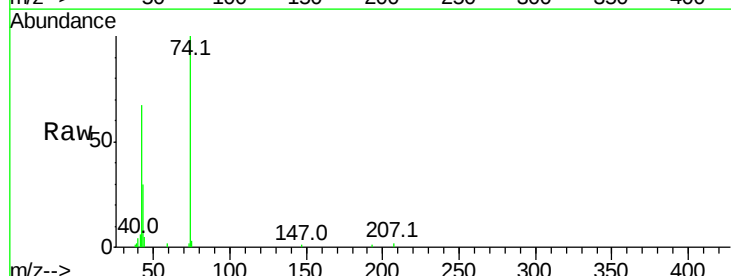
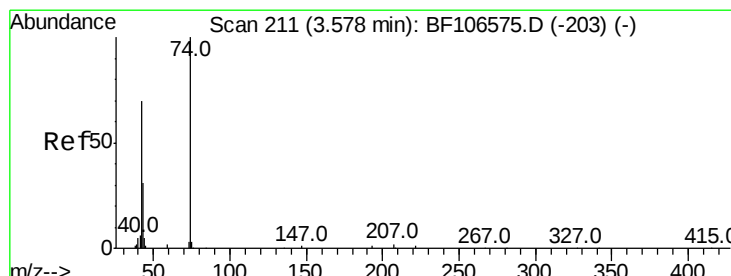
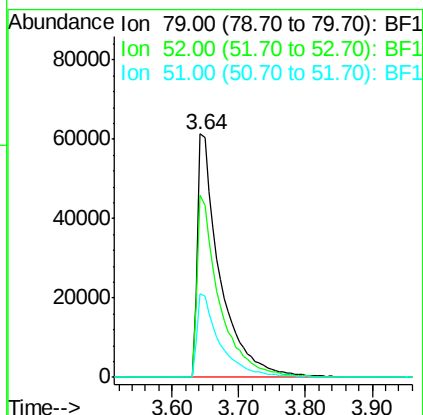
#3
 Pvridine
 Concen: 30.719 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.6	59.8	89.6
51	34.3	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

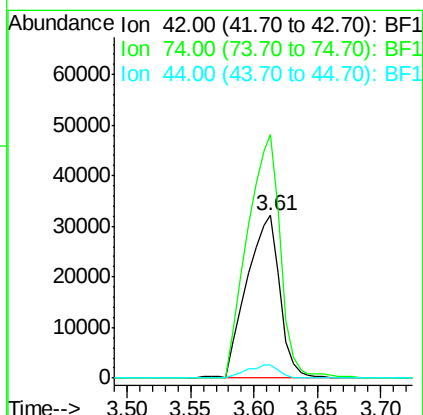
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM



#4
 n-Nitrosodimethylamine
 Concen: 30.159 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.02 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.7	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 106.119 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

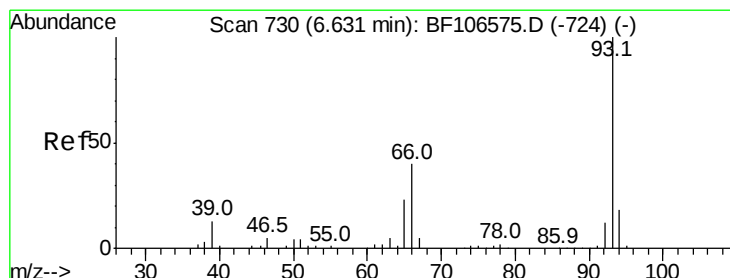
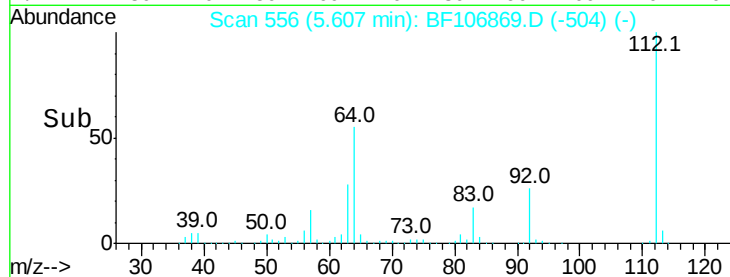
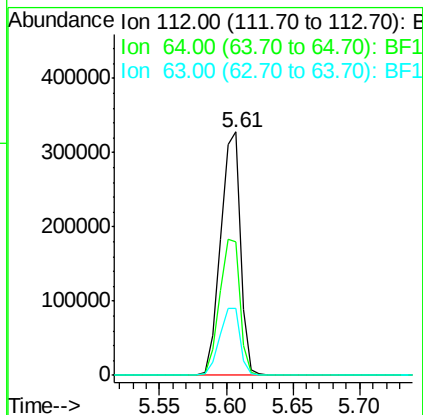
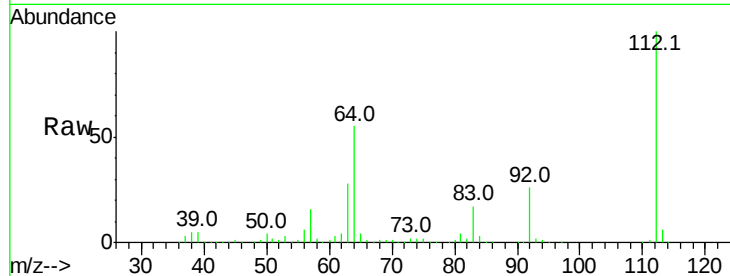
ClientSampleId :

PB110604BS

Tot Ion:	112	Resp:	346499
Ion Ratio	Lower	Upper	
112	100		
64	55.0	47.9	71.9
63	27.7	23.7	35.5

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#6

Aniline

Concen: 22.166 ng

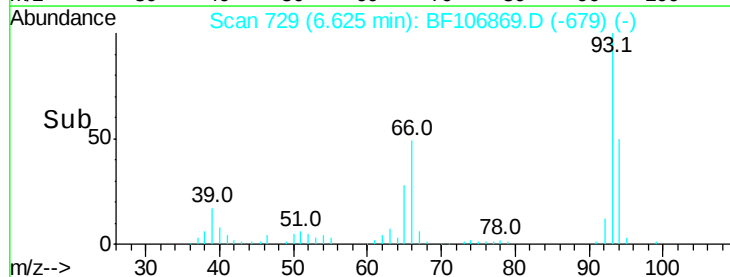
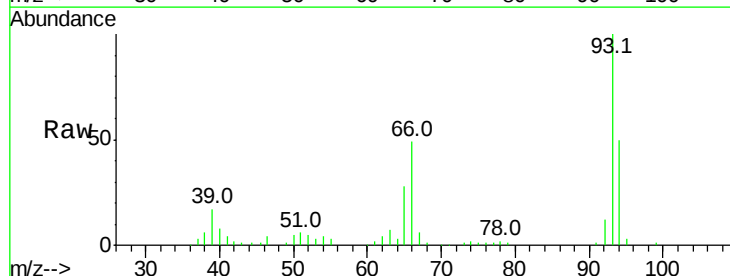
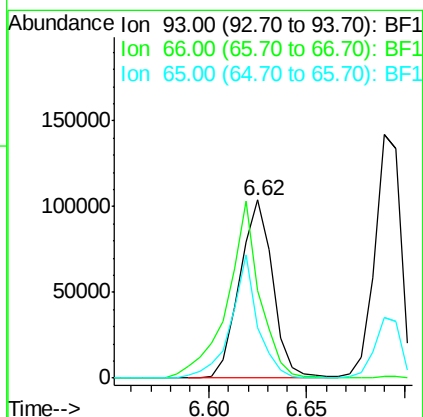
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	93	Resp:	122602
Ion Ratio	Lower	Upper	
93	100		
66	49.3	32.2	48.2#
65	28.5	16.4	24.6#





#7

Phenol-d6

Concen: 108.578 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

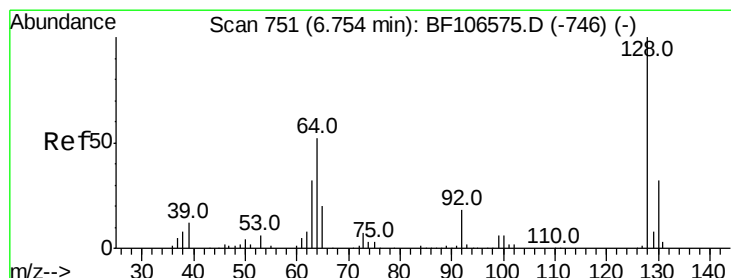
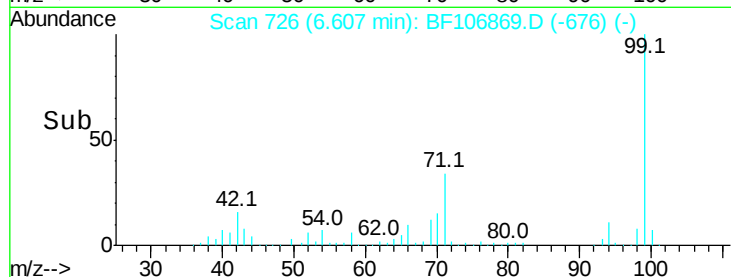
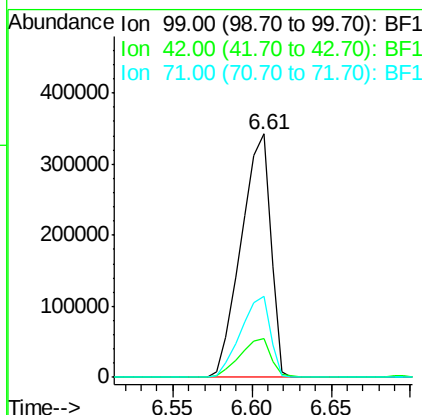
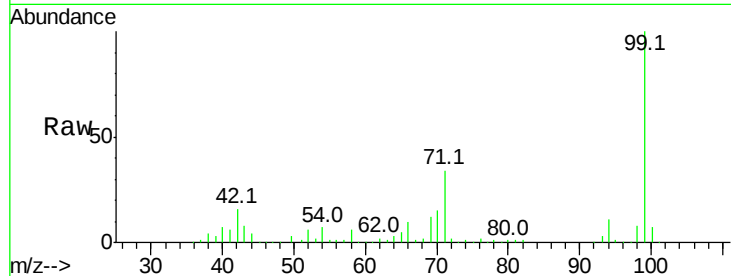
ClientSampleId :

PB110604BS

Tot Ion:	99	Resp:	442738
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#8

2-Chlorophenol

Concen: 37.450 ng

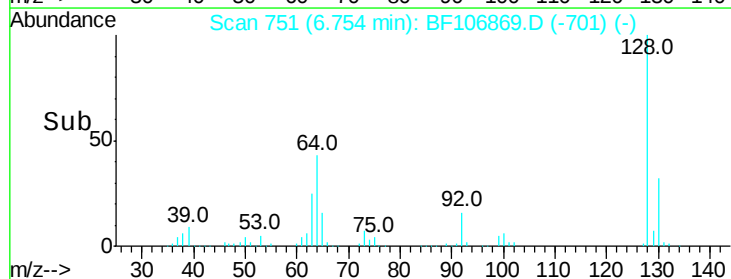
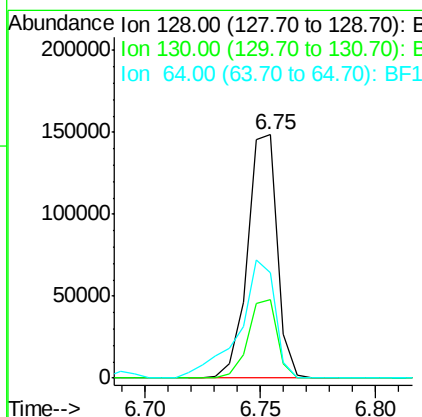
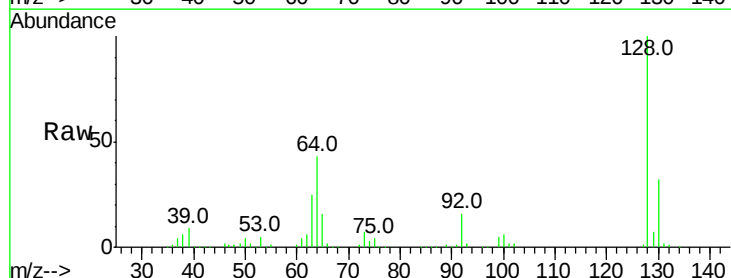
RT: 6.75 min Scan# 751

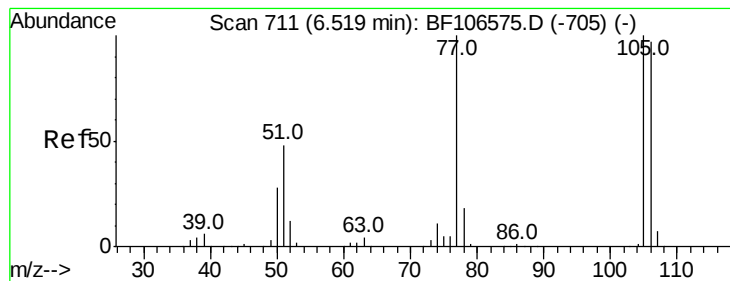
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	128	Resp:	134119
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	43.4	29.4	69.4





#9

Benzaldehyde

Concen: 27.525 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion: 77 Resp: 83163

Ion Ratio Lower Upper

77 100

105 108.5 81.1 121.1

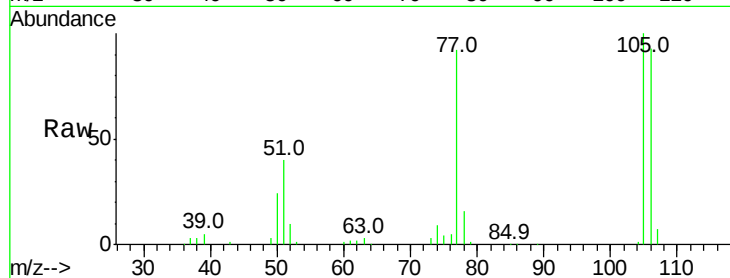
106 101.3 74.5 114.5

Manual Integrations

APPROVED

Sohil

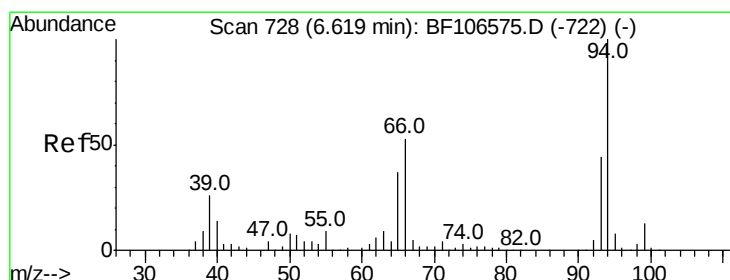
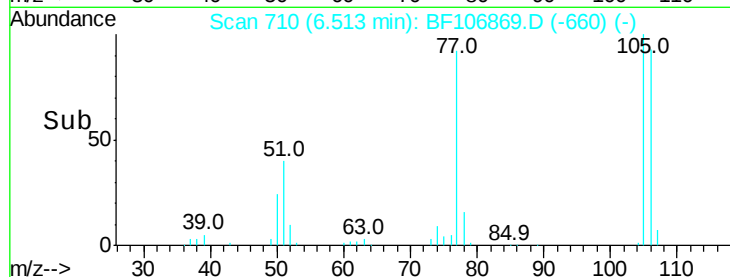
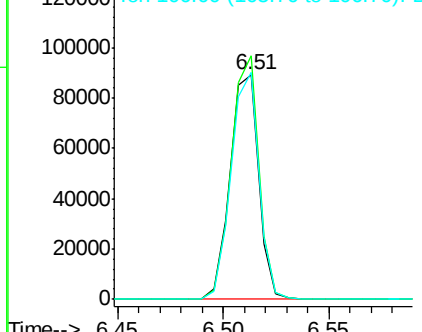
6/28/2018 2:21:31 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.440 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

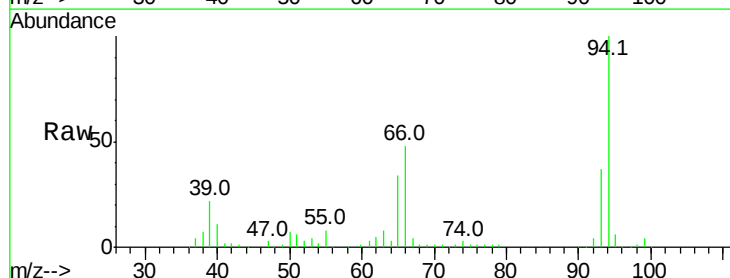
Tgt Ion: 94 Resp: 160266

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

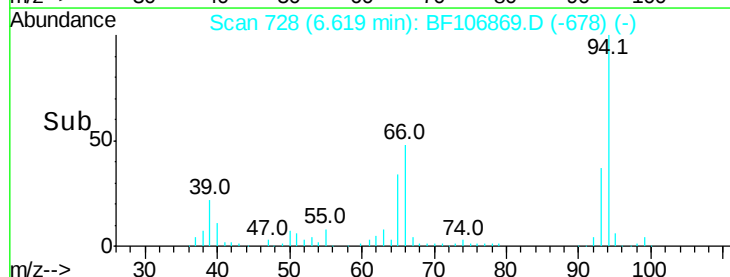
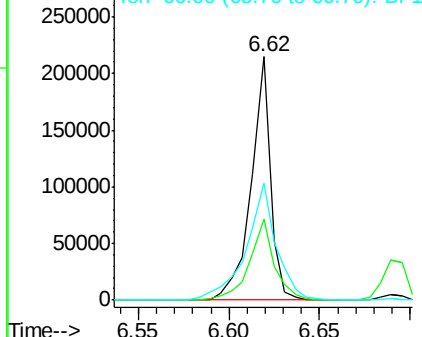
66 48.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





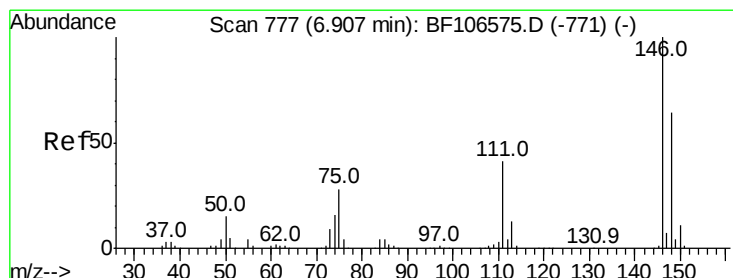
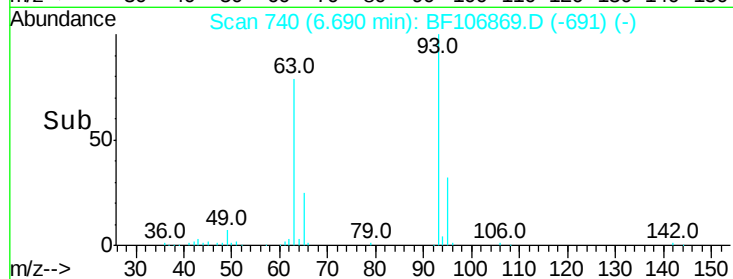
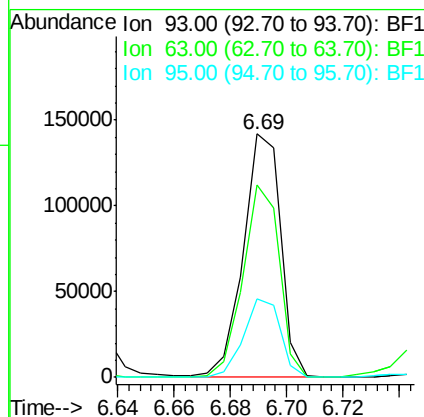
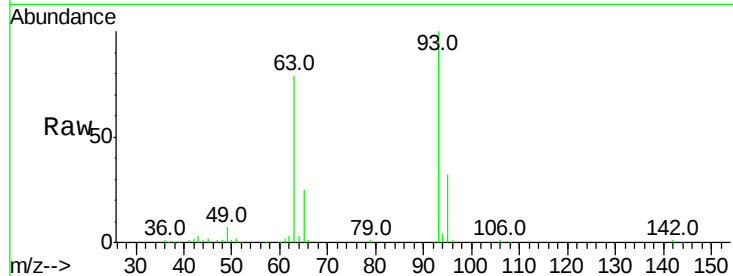
#11
bis(2-Chloroethyl)ether
Concen: 34.011 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	58.6	98.6
95	32.3	11.8	51.8

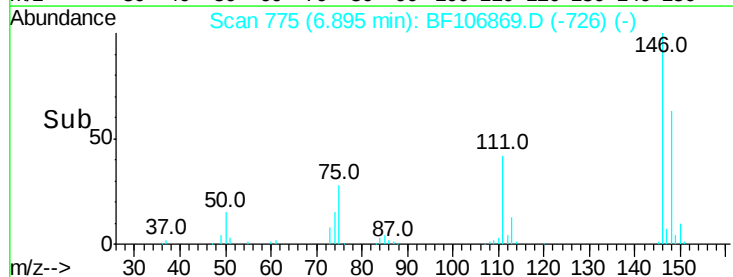
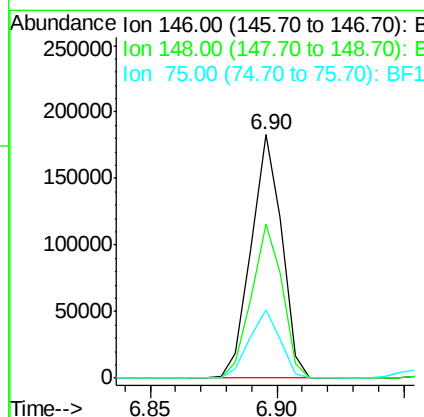
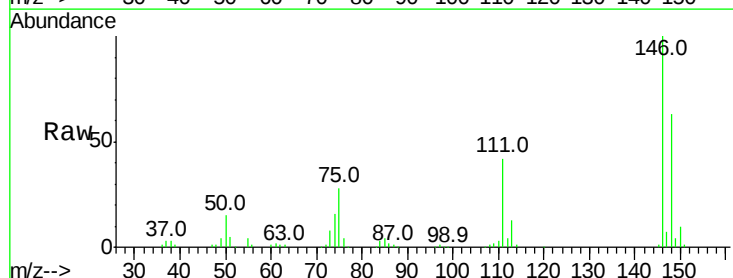
Manual Integrations
APPROVED

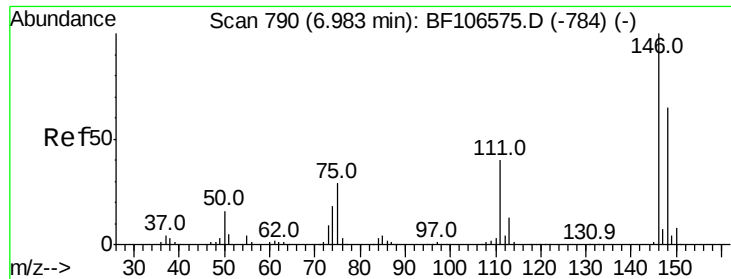
Sohil
6/28/2018 2:21:31 PM



#12
1,3-Dichlorobenzene
Concen: 36.792 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	28.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.086 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

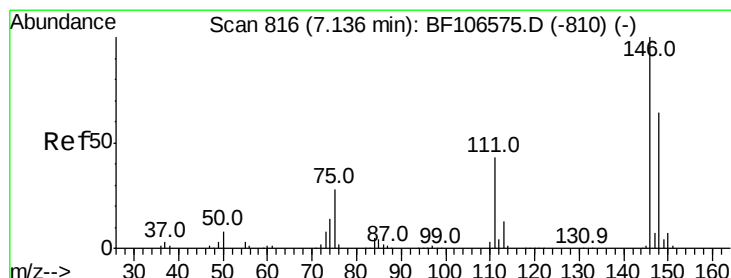
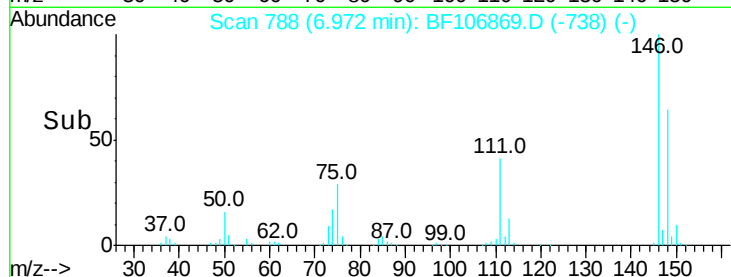
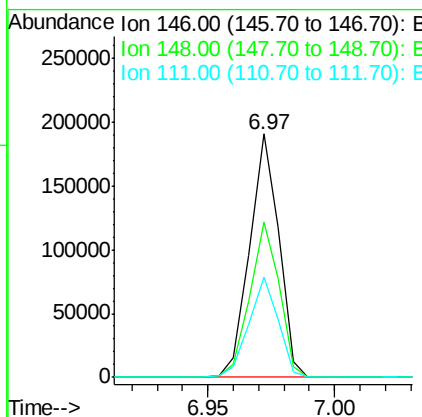
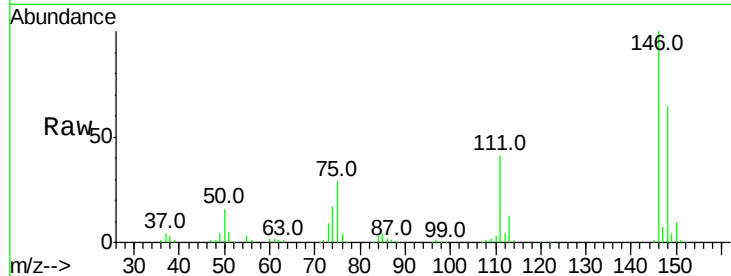
ClientSampleId :

PB110604BS

Tot Ion:	146	Resp:	153030
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	41.4	34.2	51.2

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#14

1,2-Dichlorobenzene

Concen: 37.082 ng

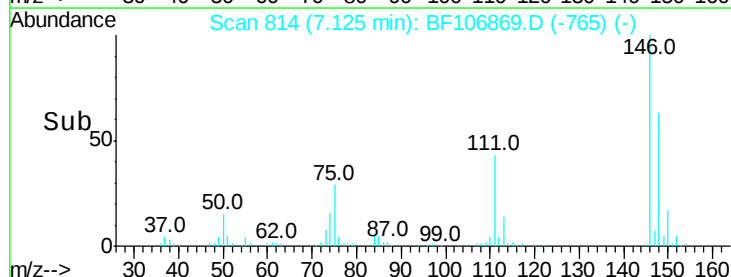
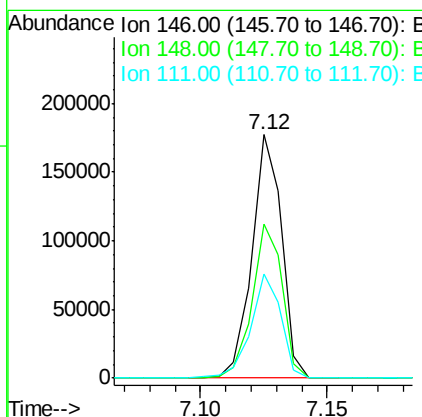
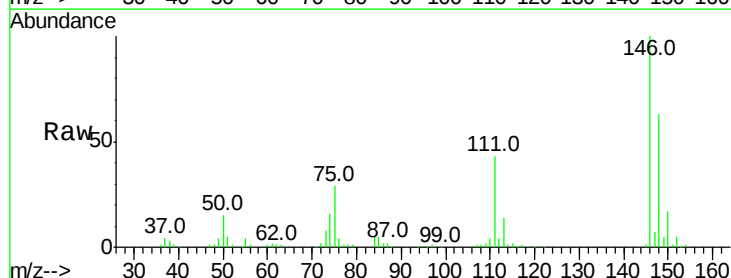
RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	146	Resp:	144114
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	75.8
111	42.8	36.0	54.0





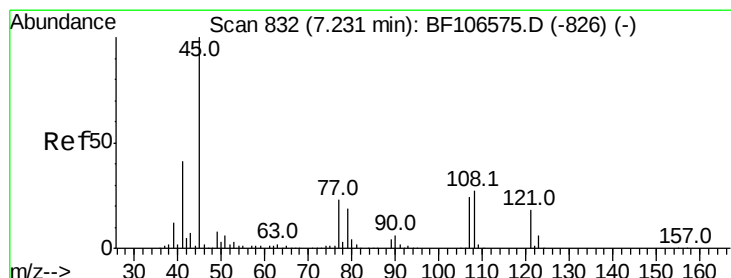
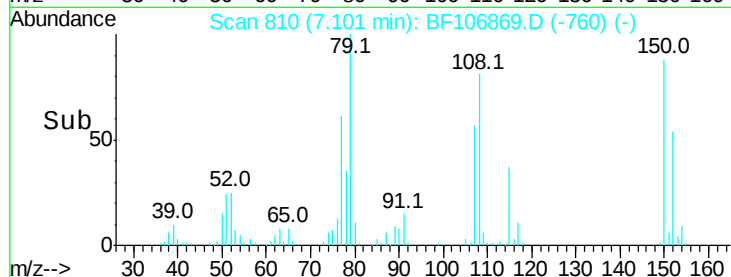
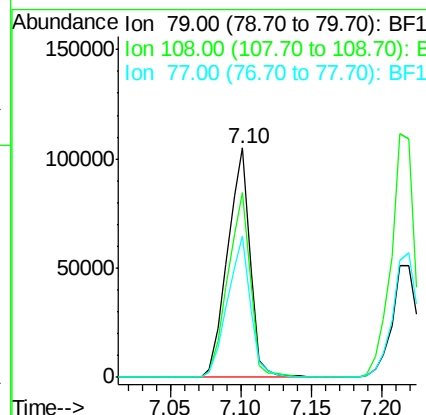
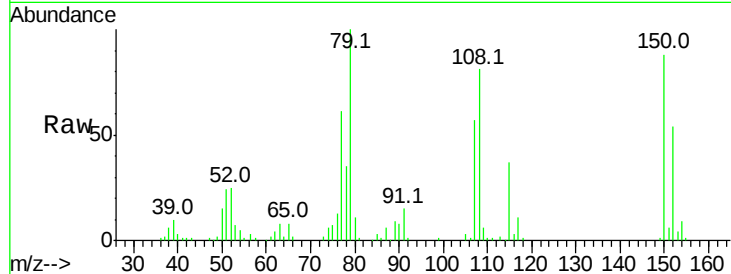
#15
Benzyl Alcohol
Concen: 35.485 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	65.1	97.7
77	61.4	50.6	75.8

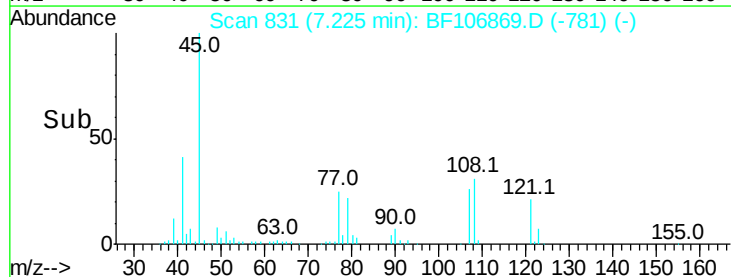
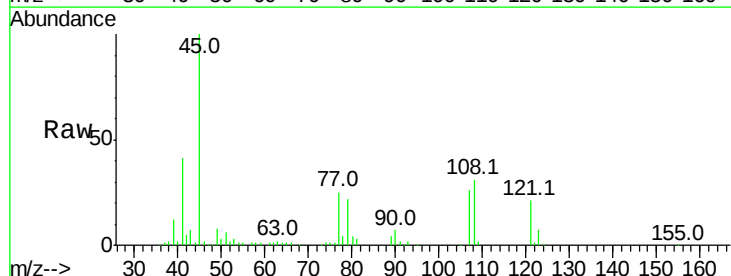
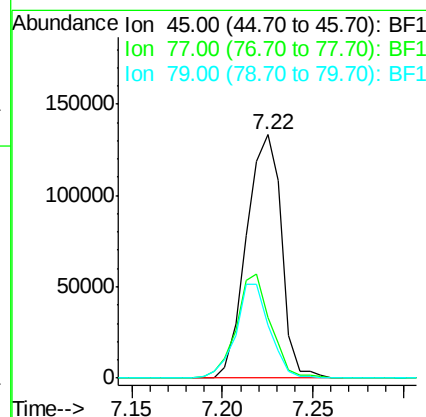
Manual Integrations
APPROVED

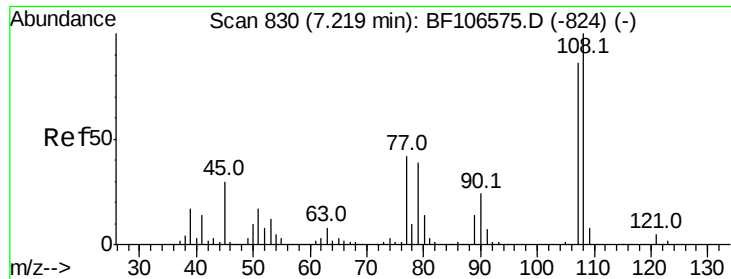
Sohil
6/28/2018 2:21:31 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.420 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.0	0.0	32.9
79	21.6	0.0	29.6





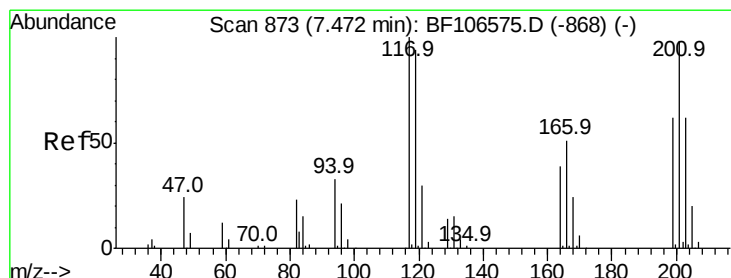
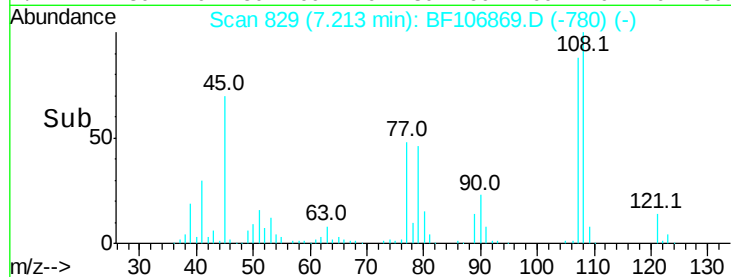
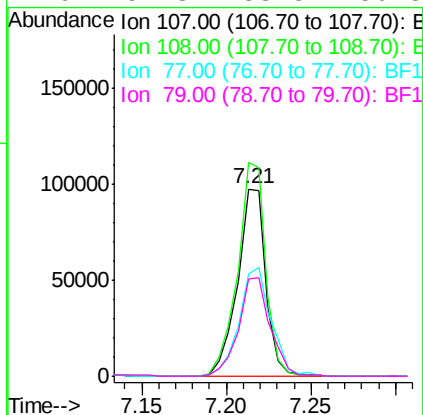
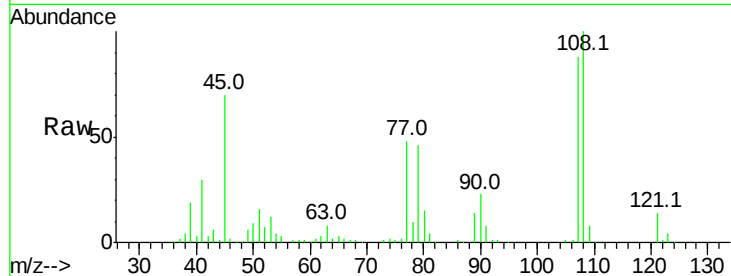
#17
2-Methylphenol
Concen: 37.320 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	54.8	33.8	50.8#
79	52.3	33.8	50.8#

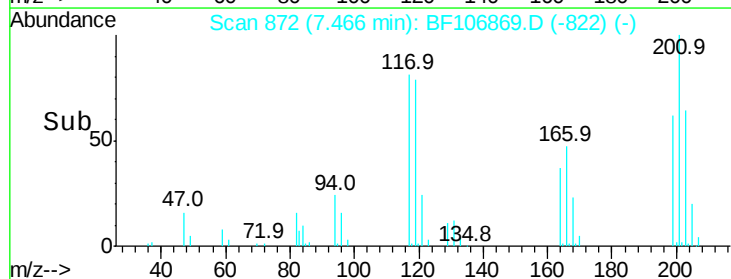
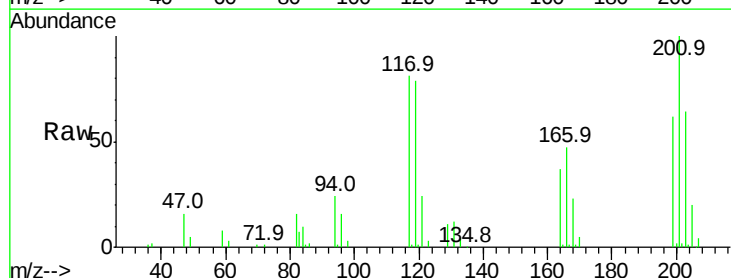
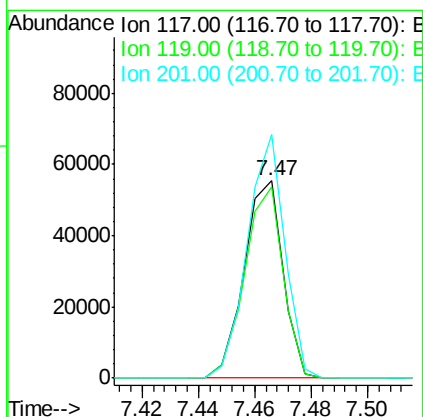
Manual Integrations
APPROVED

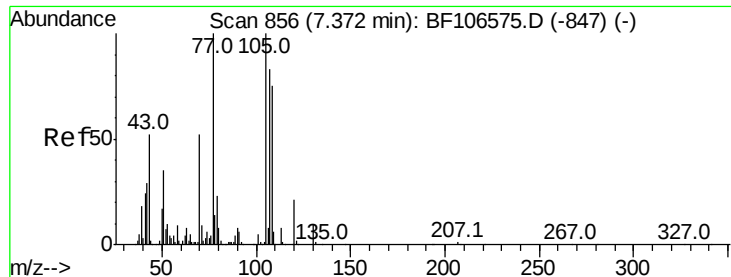
Sohil
6/28/2018 2:21:31 PM



#18
Hexachloroethane
Concen: 35.475 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	123.5	75.7	113.5#





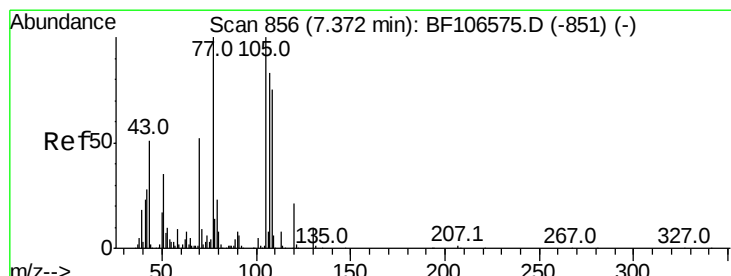
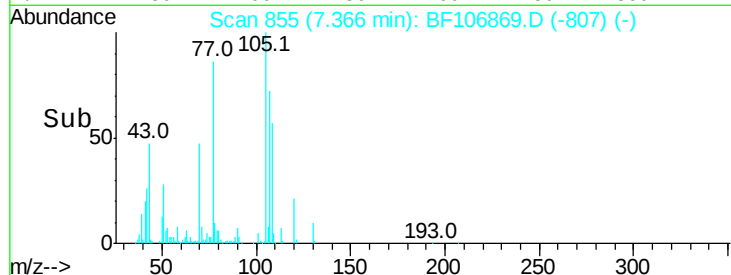
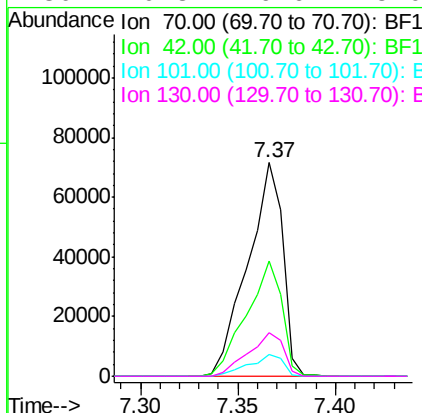
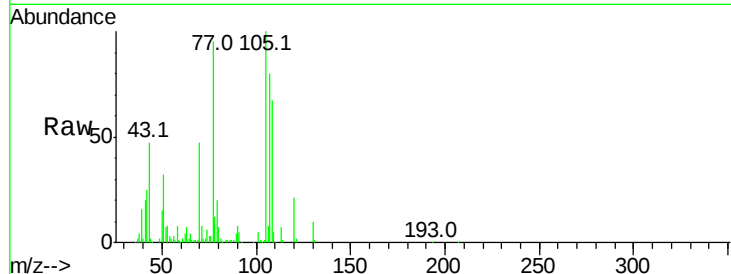
#19
n-Nitroso-di-n-propylamine
Concen: 33.095 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampled :
PB110604BS

Tot Ion	70	Resp:	88954
Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	10.0	7.4	11.2
130	20.3	16.6	25.0

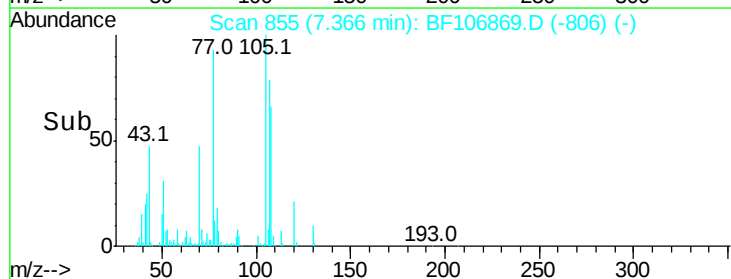
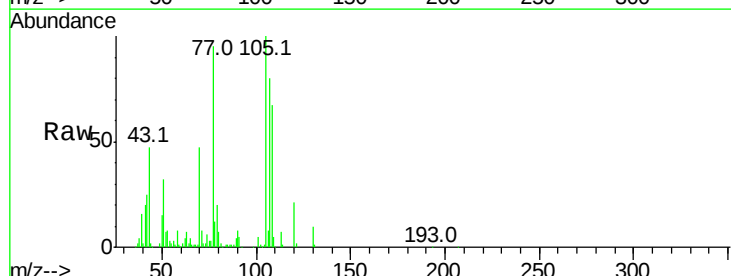
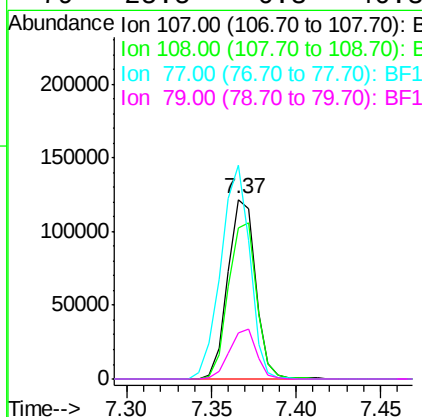
Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#20
3+4-Methylphenols
Concen: 41.145 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	107	Resp:	139431
Ion	Ratio	Lower	Upper
107	100		
108	84.4	68.2	108.2
77	118.9	26.7	66.7#
79	25.5	6.3	46.3





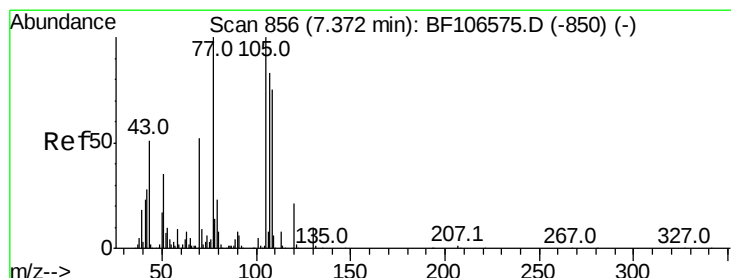
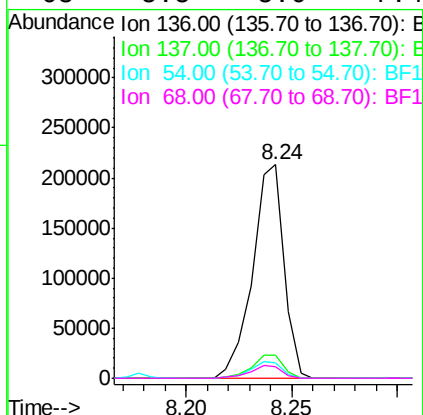
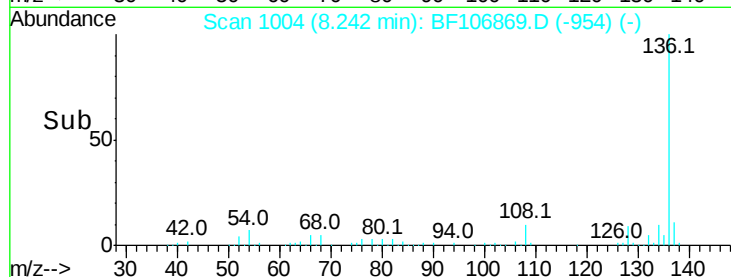
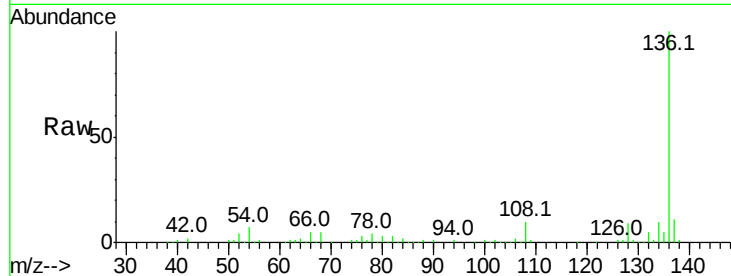
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	221110		
137	11.1	8.9	13.3	
54	7.3	6.6	9.8	
68	5.5	5.0	7.4	

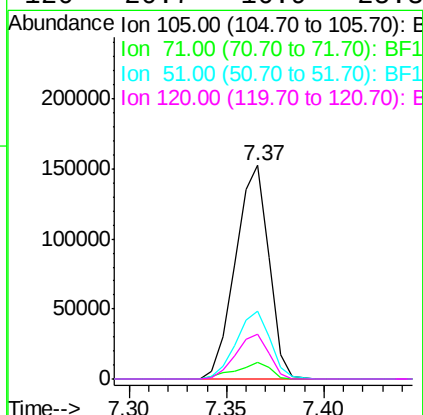
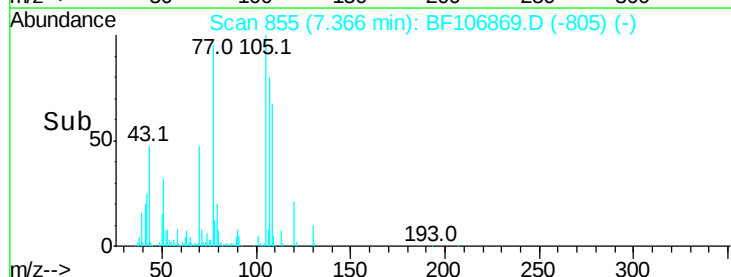
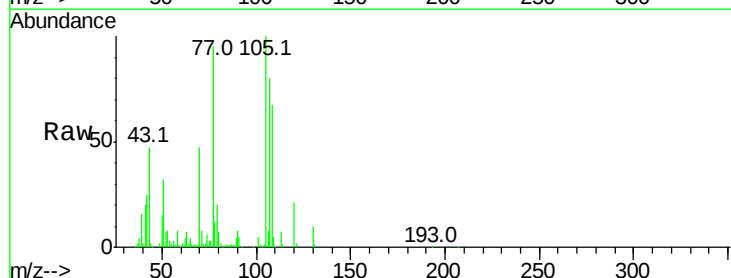
Manual Integrations
APPROVED

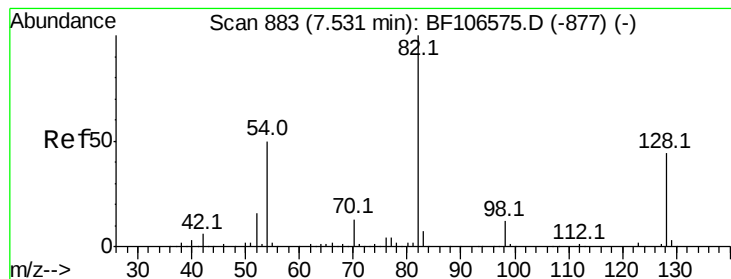
Sohil
6/28/2018 2:21:31 PM



#22
Acetophenone
Concen: 36.544 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180776		
71	7.7	4.4	6.6#	
51	32.0	22.3	33.5	
120	20.7	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 71.717 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

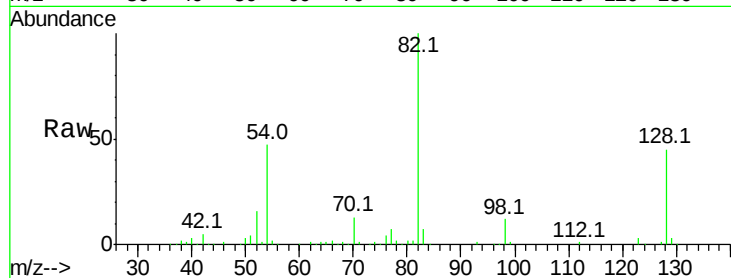
ClientSampleId :

PB110604BS

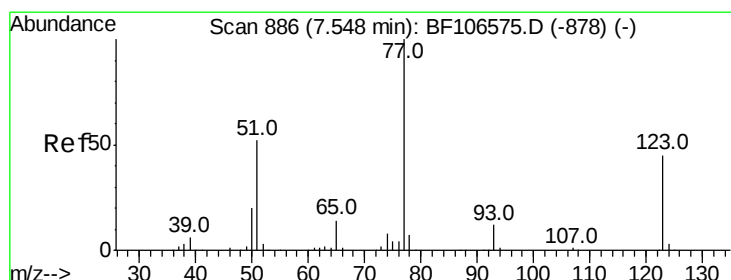
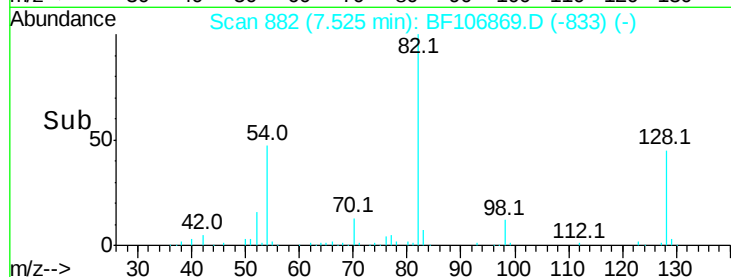
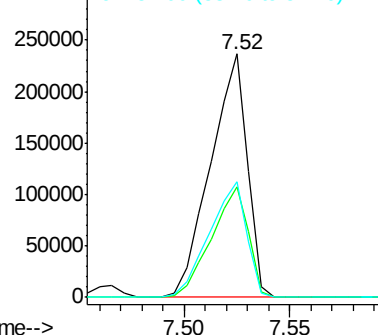
Tot Ion:	82	Resp:	285338
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	47.2	41.4	62.2

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.250 ng

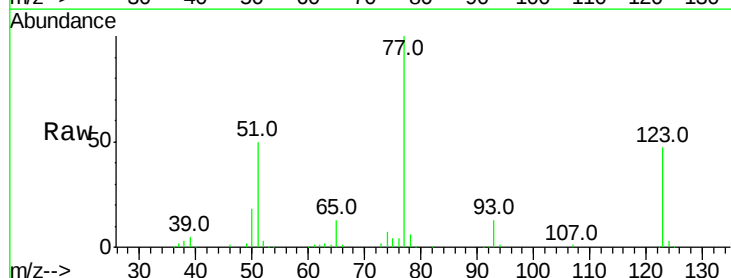
RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

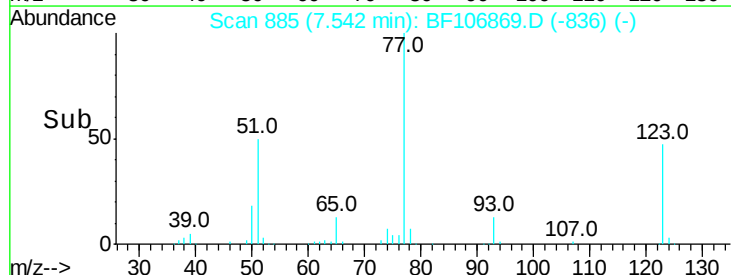
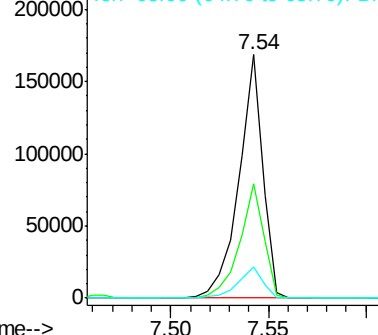
Lab File: BF106869.D

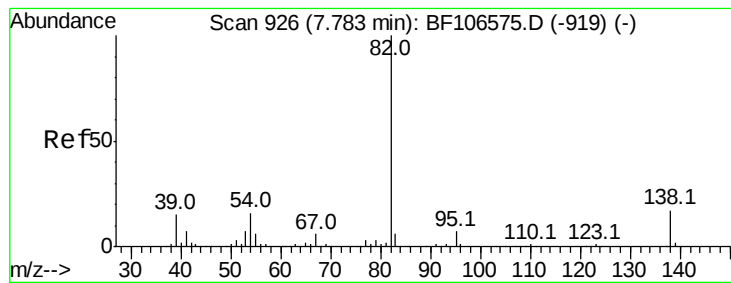
Acq: 27 Jun 2018 14:05

Tgt Ion:	77	Resp:	143188
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.9	56.9
65	13.0	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.103 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

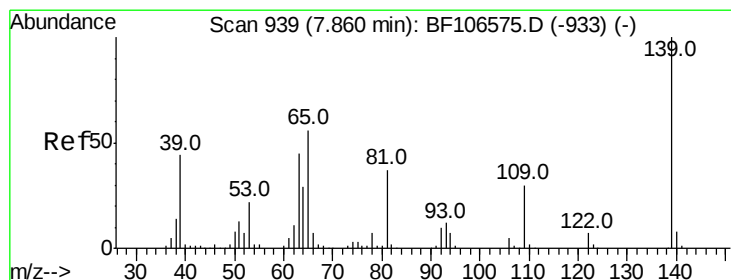
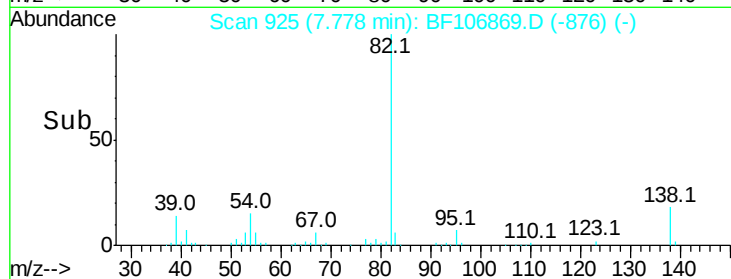
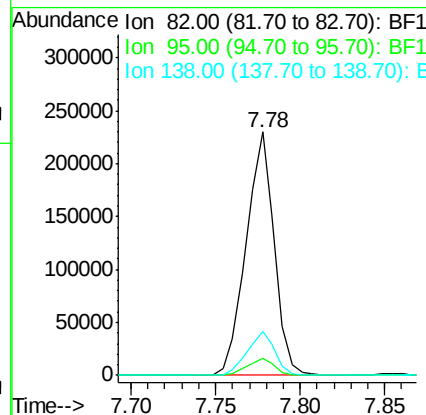
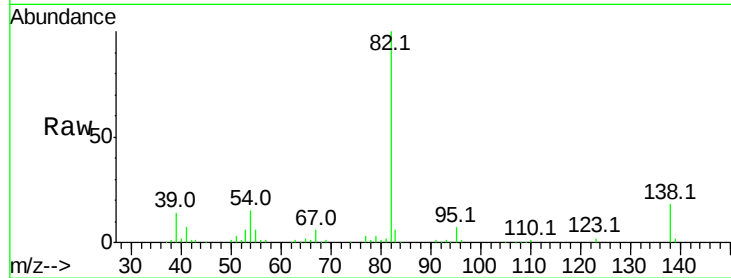
ClientSampleId :

PB110604BS

Tot Ion:	82	Resp:	267143
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#26

2-Nitrophenol

Concen: 40.990 ng

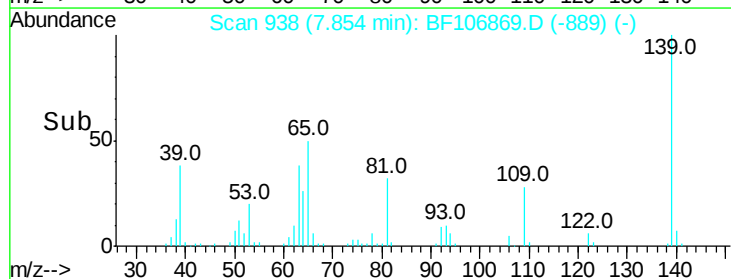
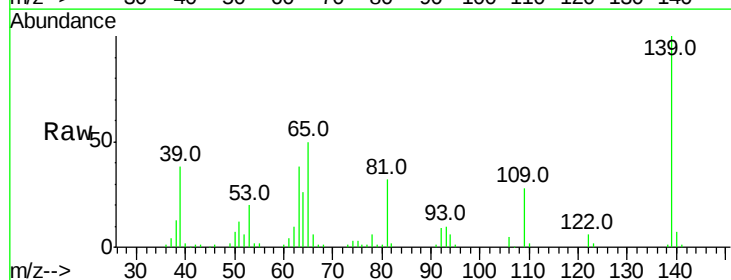
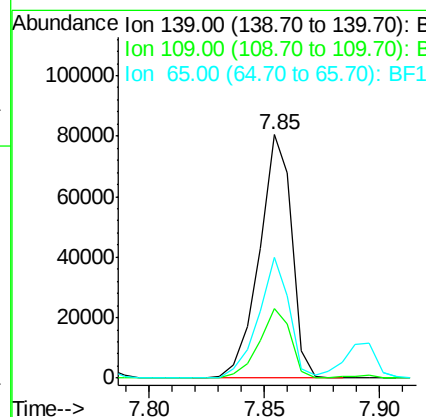
RT: 7.85 min Scan# 938

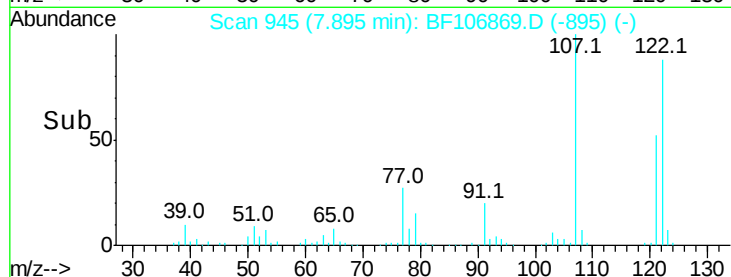
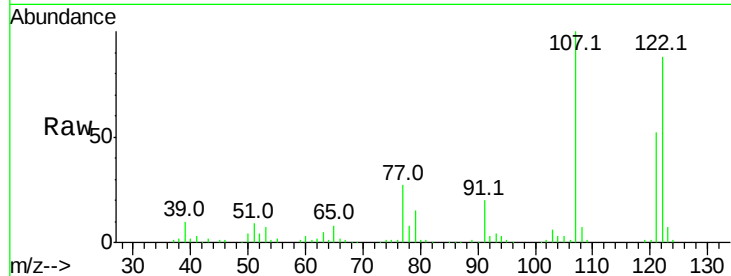
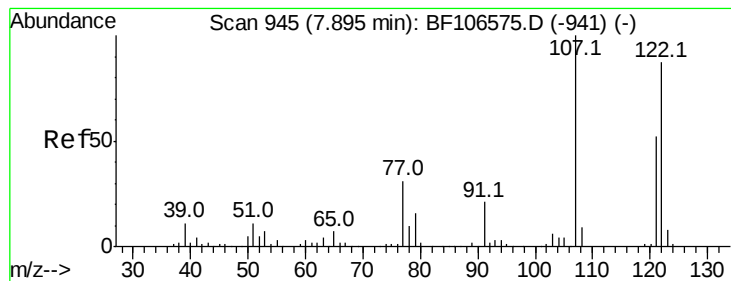
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	139	Resp:	78602
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	49.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 42.291 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tot Ion:	122	Resp:	125346
Ion Ratio	Lower	Upper	
122	100		
107	113.9	91.2	136.8
121	58.9	47.2	70.8

Instrument :

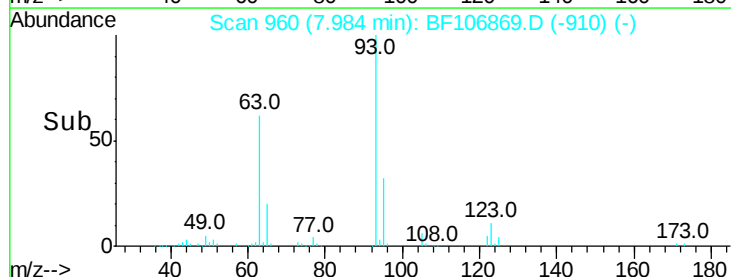
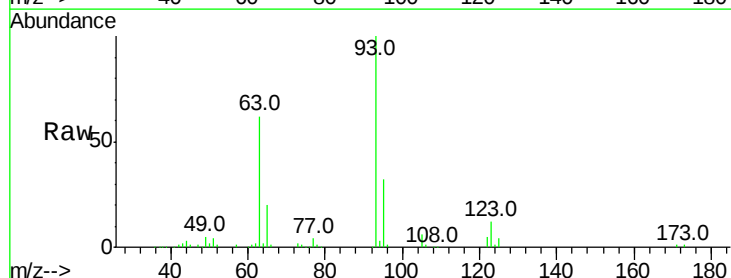
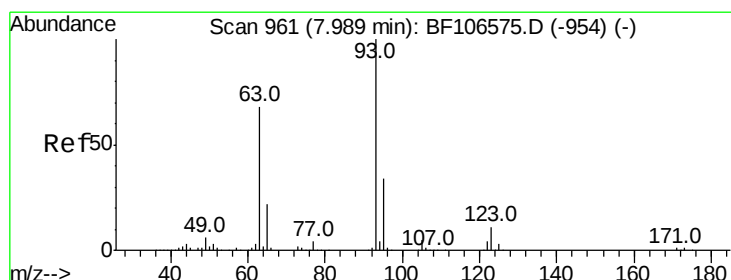
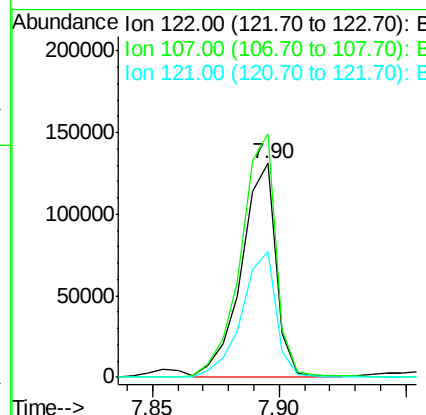
BNA_F

ClientSampleId :

PB110604BS

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#28

bis(2-Chloroethoxy)methane

Concen: 35.740 ng

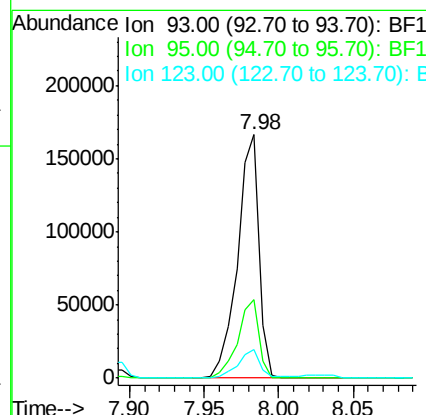
RT: 7.98 min Scan# 960

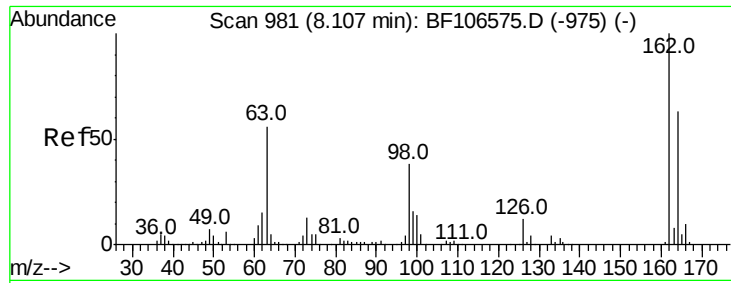
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	93	Resp:	168244
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.3	39.5
123	11.6	9.8	14.6





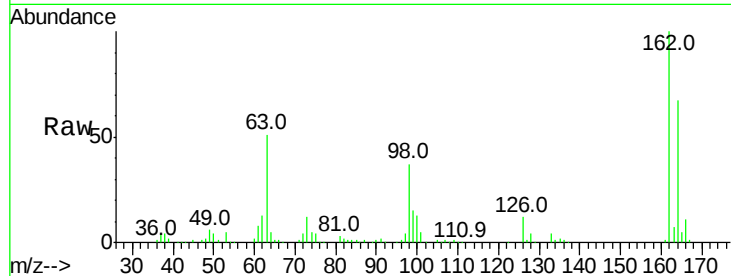
#29
2,4-Dichlorophenol
Concen: 40.474 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

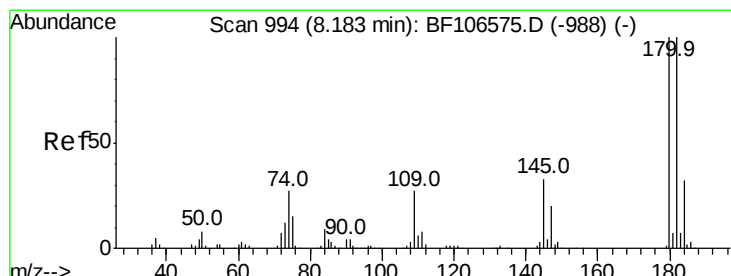
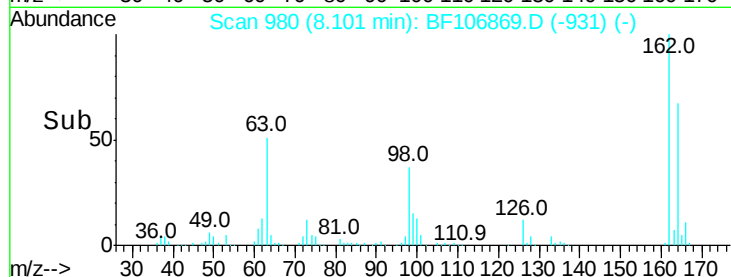
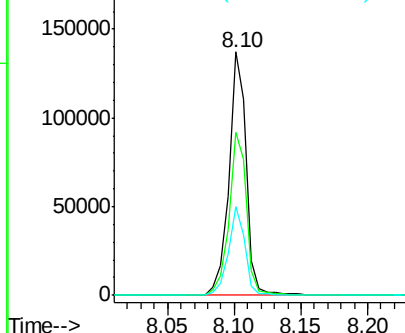
Tot Ion	Ratio	Resp	Lower	Upper
162	100	125593		
164	66.7	42.7	82.7	
98	36.7	18.1	58.1	

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



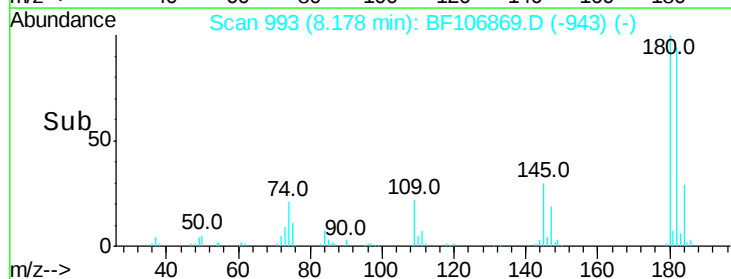
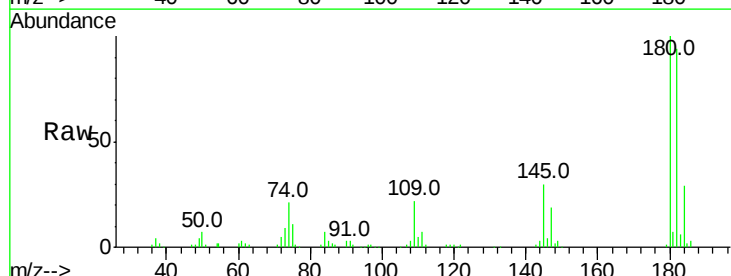
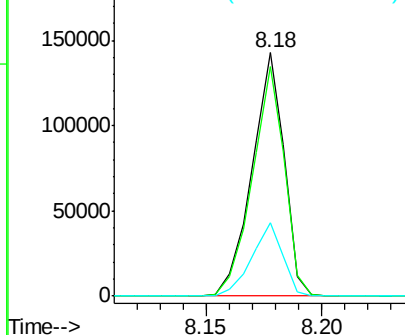
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

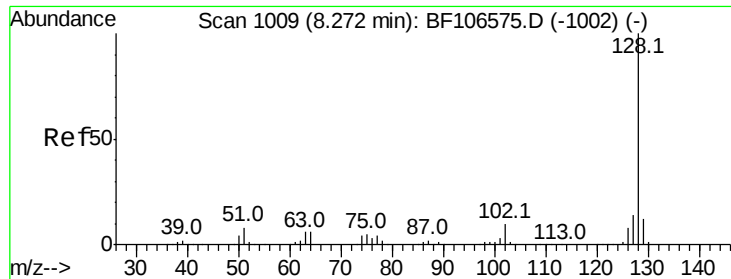


#30
1,2,4-Trichlorobenzene
Concen: 40.334 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137877		
182	94.4	76.8	115.2	
145	30.0	26.5	39.7	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





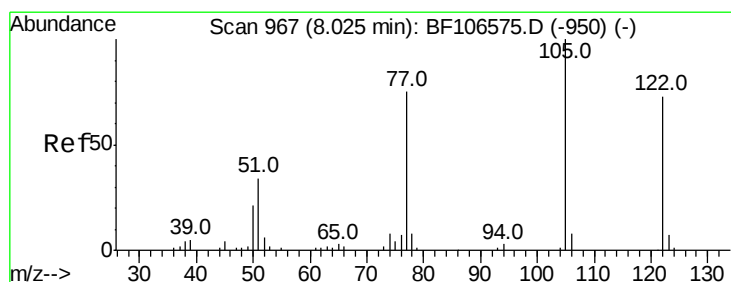
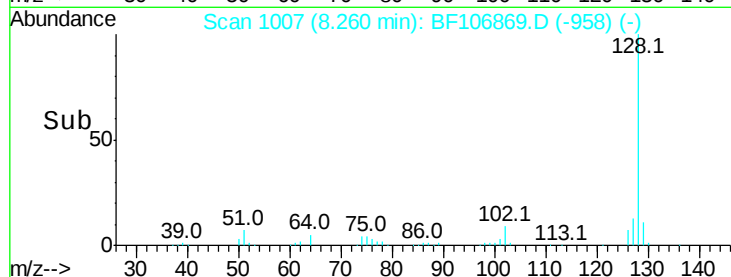
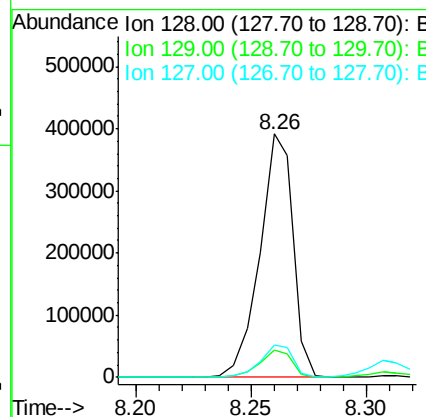
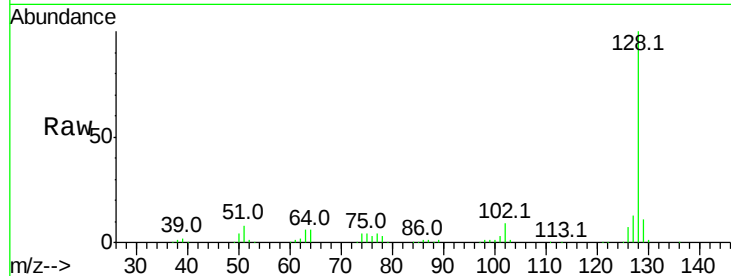
#31
Naphthalene
Concen: 38.007 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampled :
PB110604BS

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

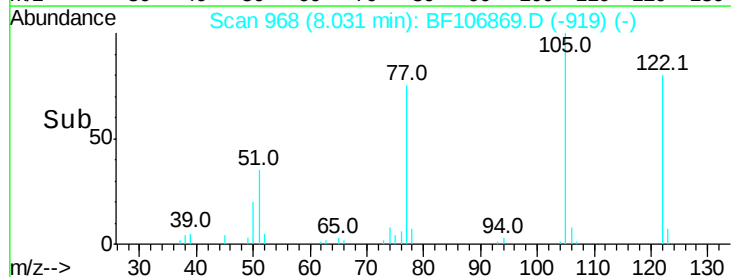
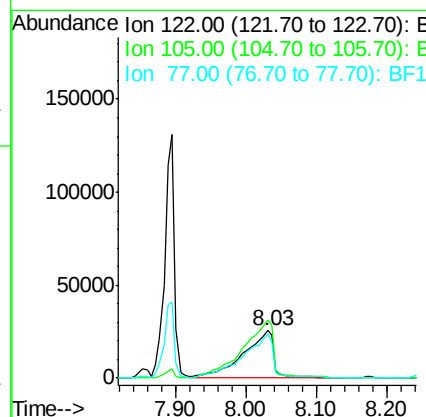
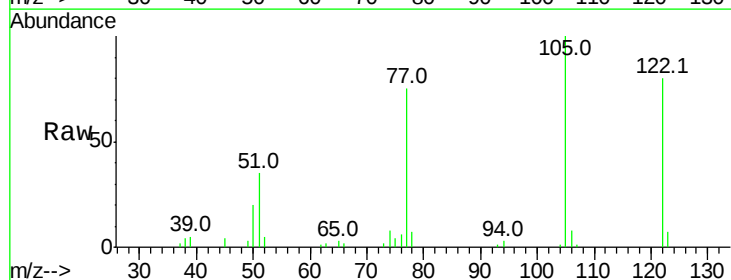
Manual Integrations
APPROVED

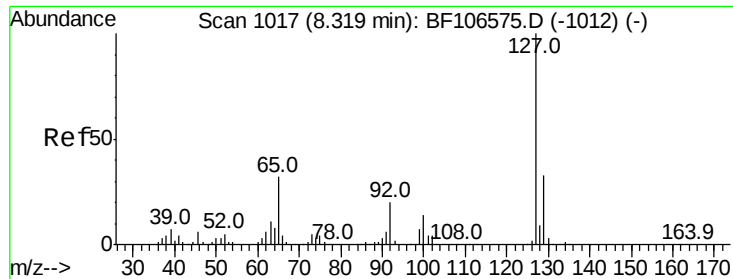
Sohil
6/28/2018 2:21:31 PM



#32
Benzoic acid
Concen: 37.612 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.2	101.1	141.1	
77	93.2	70.7	110.7	





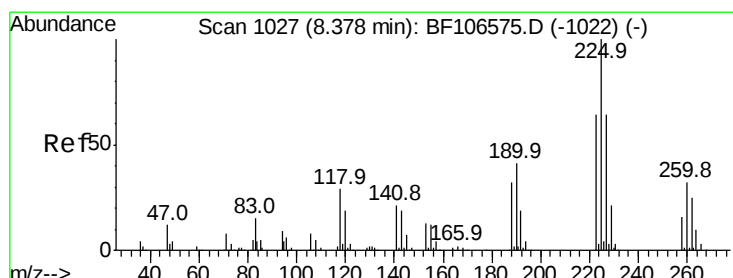
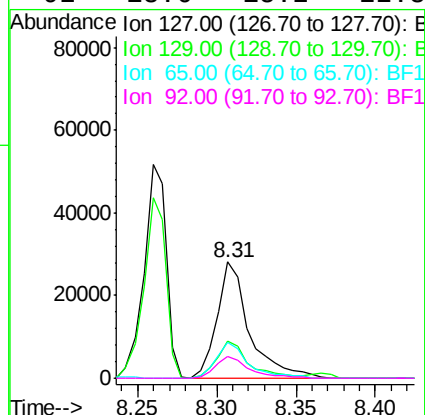
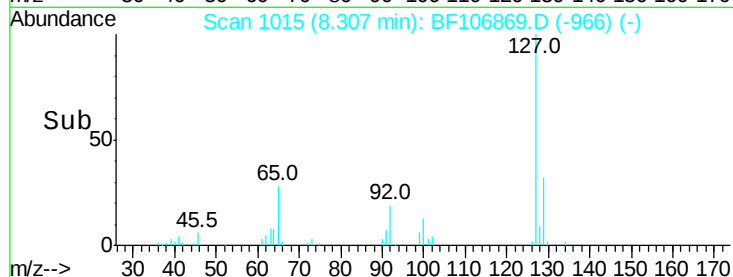
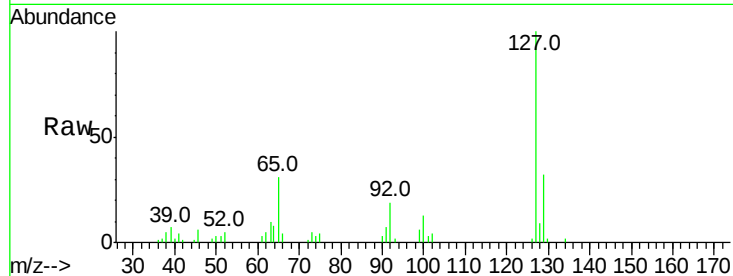
#33
4-Chloroaniline
Concen: 9.212 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.0	25.0	37.4
92	18.6	15.2	22.8

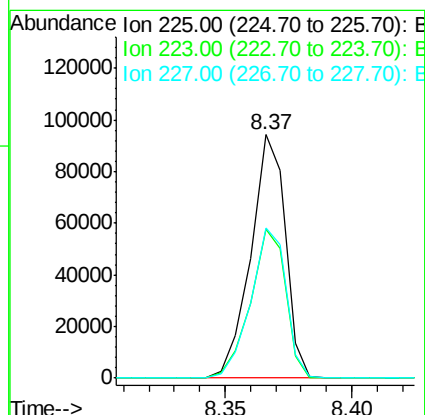
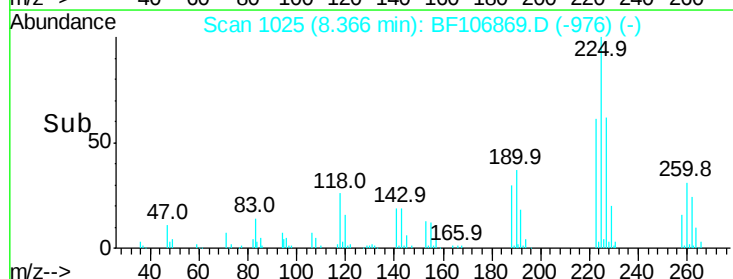
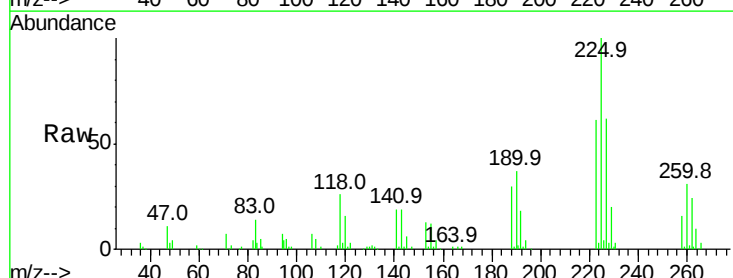
Manual Integrations
APPROVED

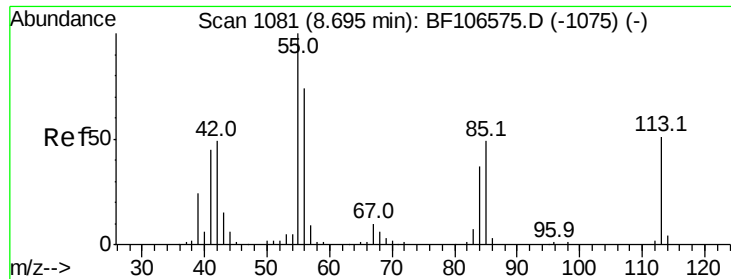
Sohil
6/28/2018 2:21:31 PM



#34
Hexachlorobutadiene
Concen: 40.274 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.6	76.0
227	61.9	51.9	77.9





#35

Caprolactam

Concen: 39.824 ng/ml

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

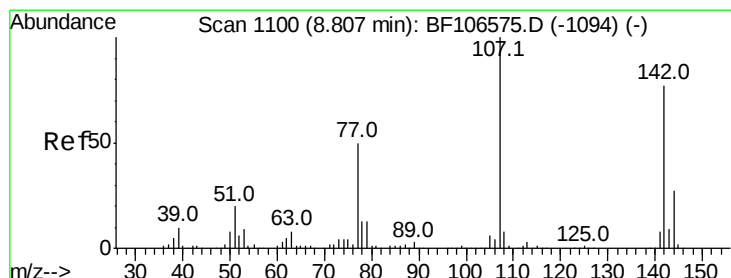
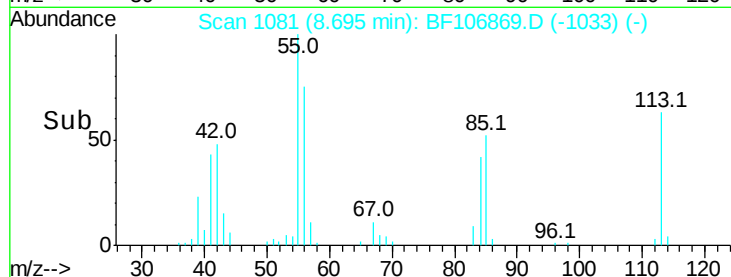
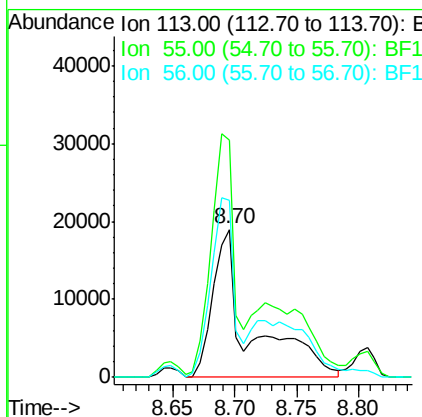
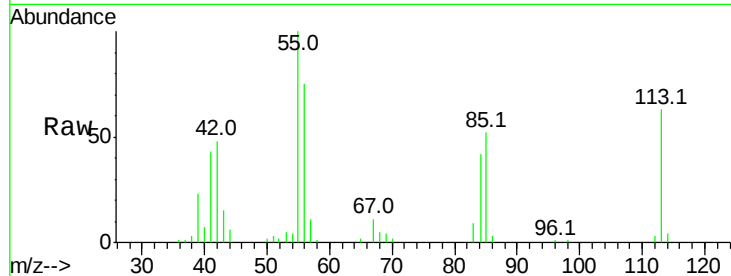
ClientSampleId :

PB110604BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.8	163.3	203.3#
56	119.8	115.7	155.7

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#36

4-Chloro-3-methylphenol

Concen: 40.920 ng/ml

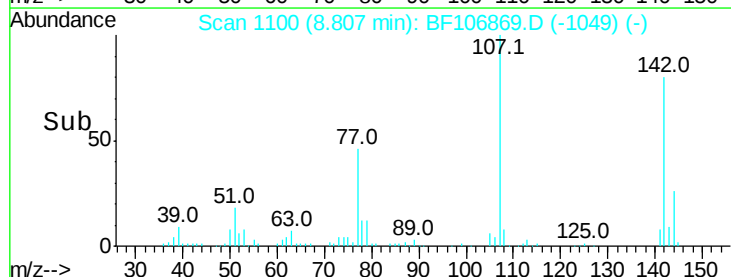
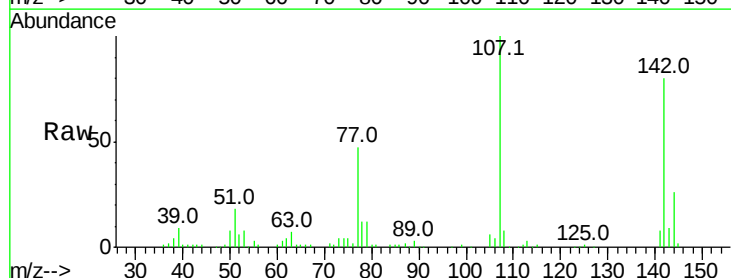
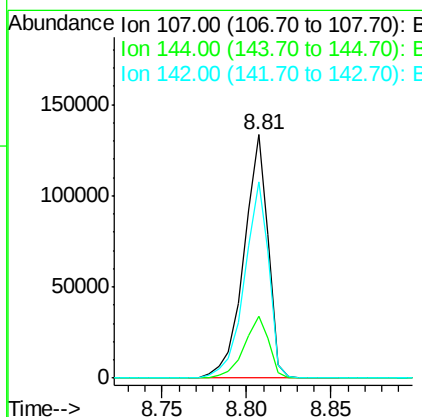
RT: 8.81 min Scan# 1100

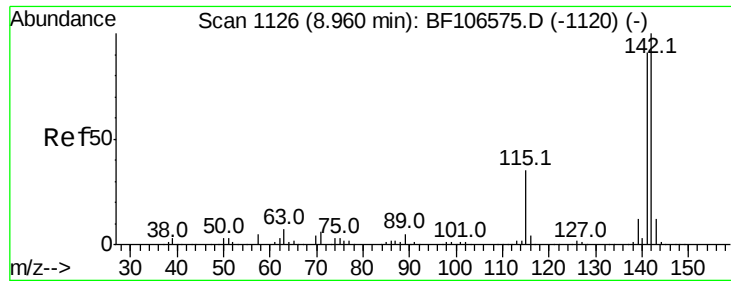
Delta R.T. 0.00 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	80.5	62.0	93.0





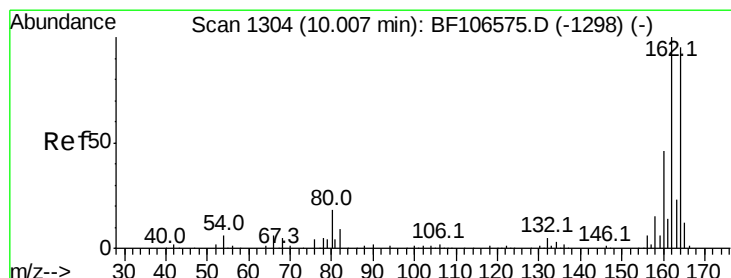
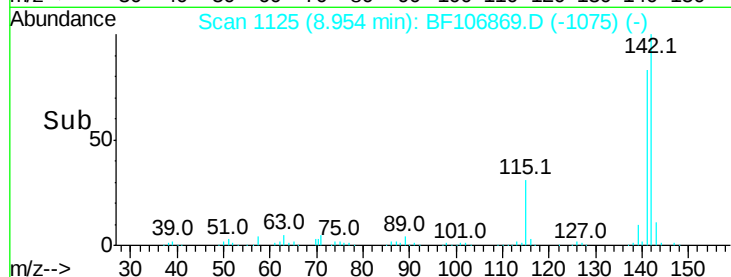
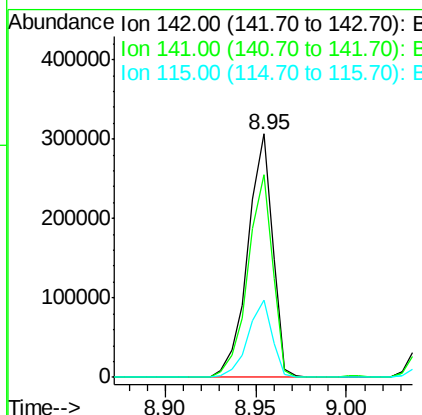
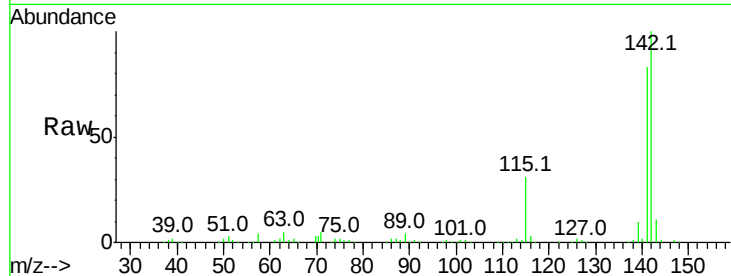
#37
2-Methylnaphthalene
Concen: 42.545 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.8	106.2
115	31.5	26.1	39.1

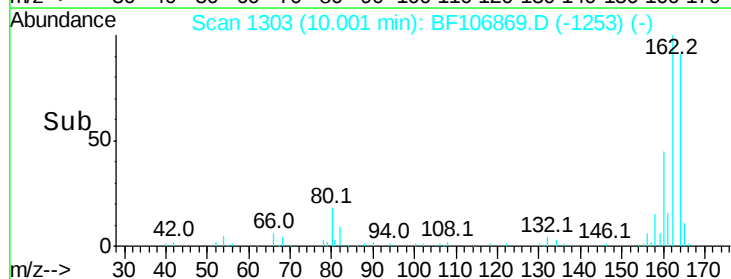
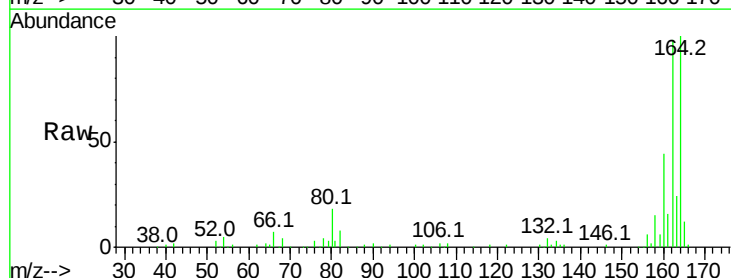
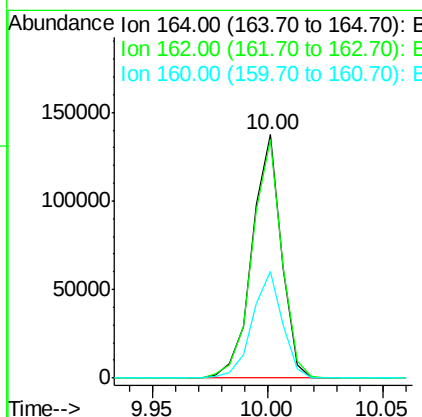
Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	44.0	38.3	57.5





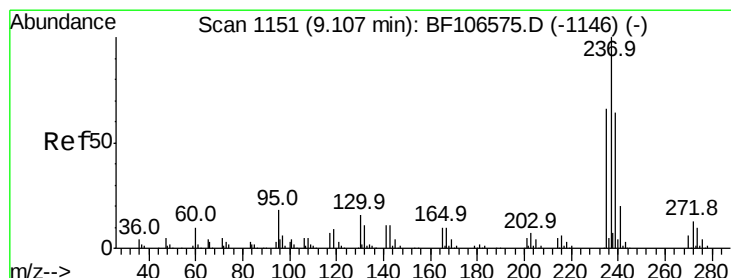
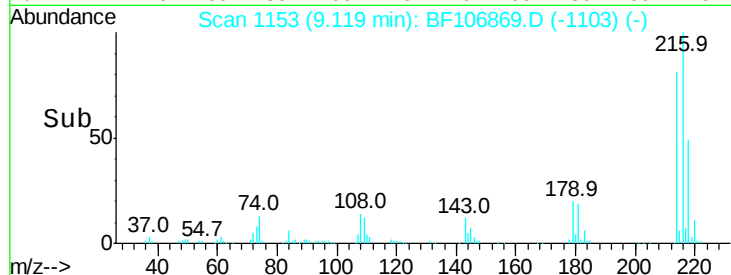
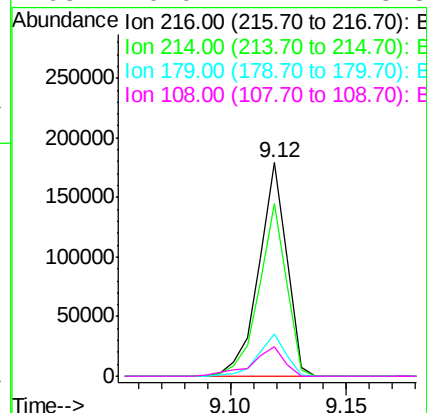
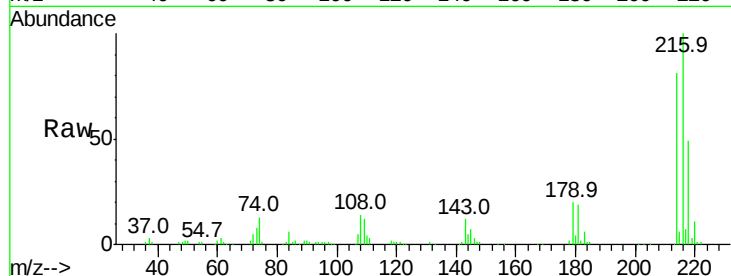
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.235 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.6	18.1	27.1
108	16.0	17.2	25.8#

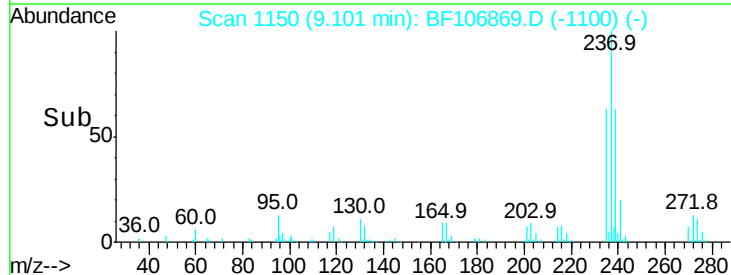
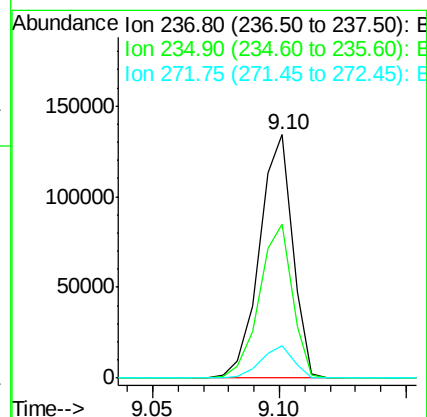
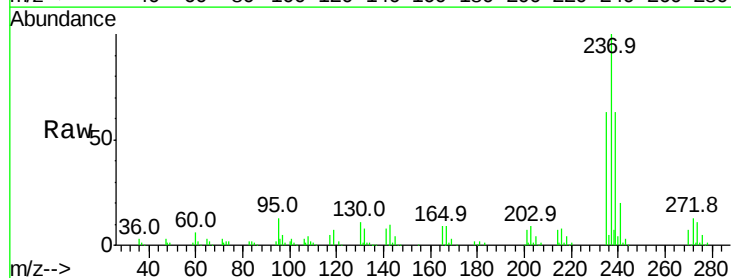
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM



#40
 Hexachlorocyclopentadiene
 Concen: 58.399 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	44.8	84.8
272	13.2	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 118.383 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

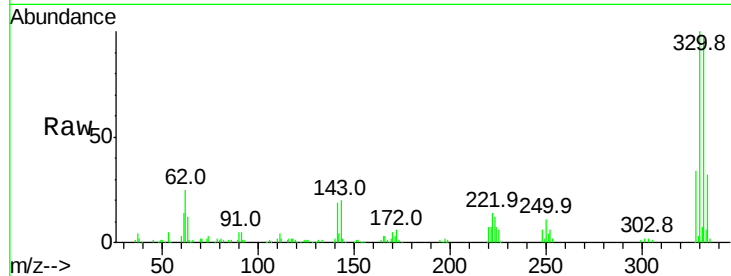
ClientSampleId :

PB110604BS

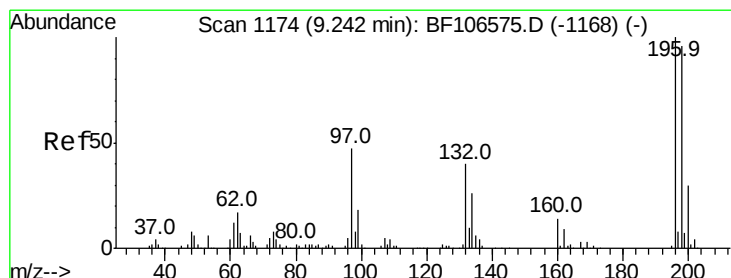
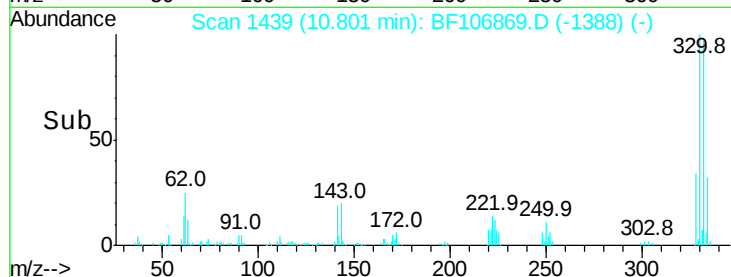
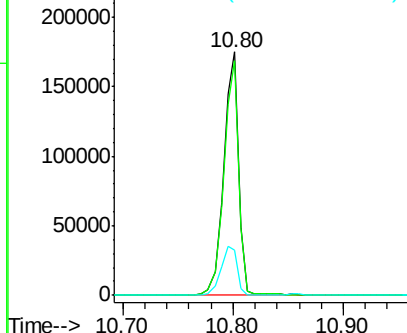
Tot Ion:	330	Resp:	166596
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	21.9	29.9	44.9#

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.198 ng

RT: 9.24 min Scan# 1173

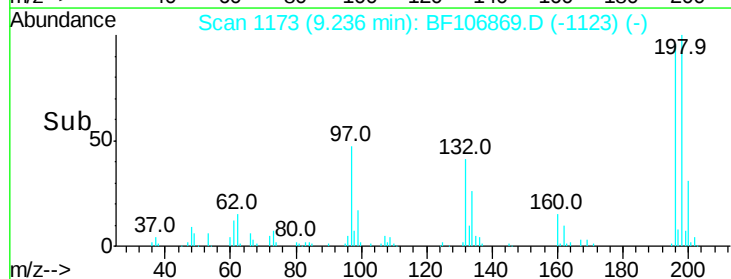
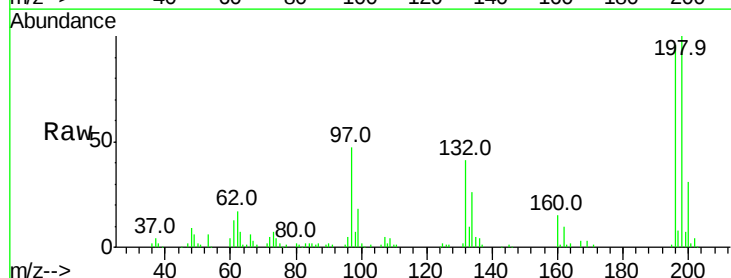
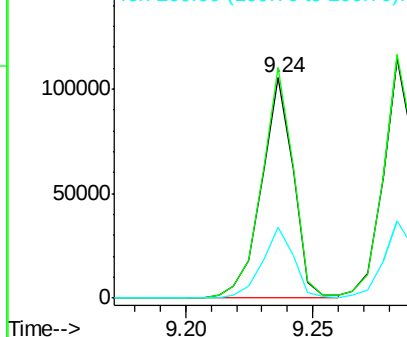
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	196	Resp:	92951
Ion Ratio	Lower	Upper	
196	100		
198	104.7	75.7	113.5
200	32.4	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





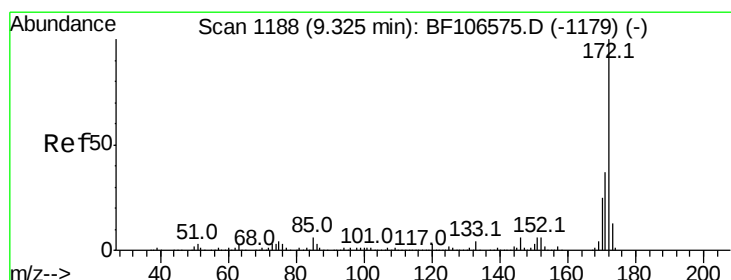
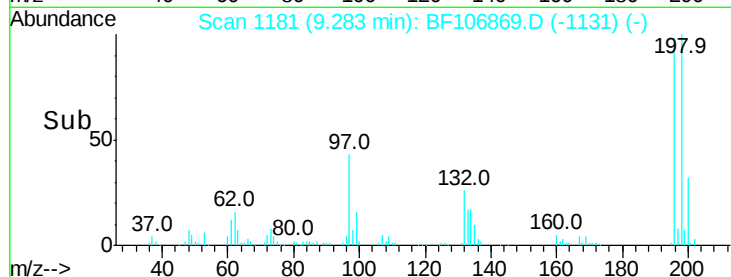
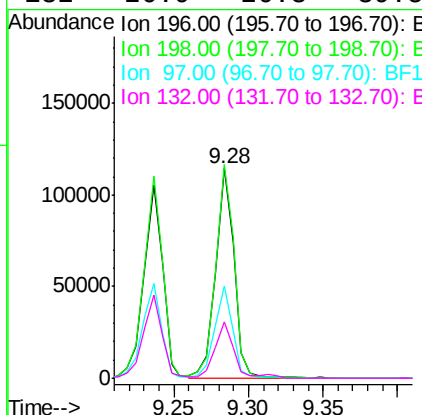
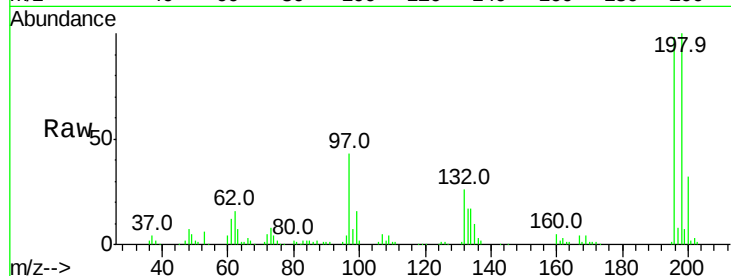
#43
 2,4,5-Trichlorophenol
 Concen: 34.914 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.8	74.6	112.0	
97	44.2	42.9	64.3	
132	26.9	26.3	39.5	

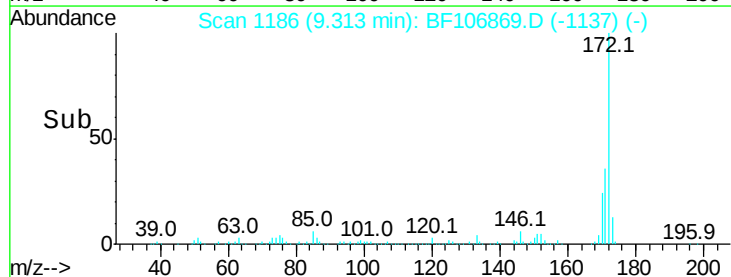
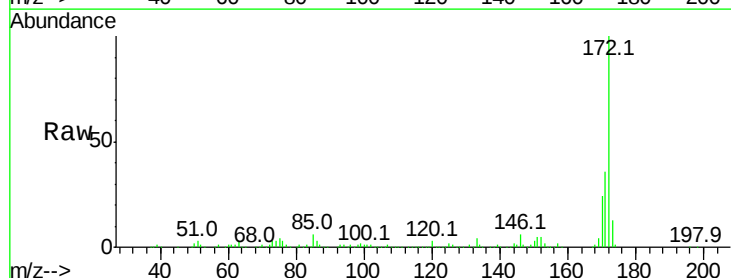
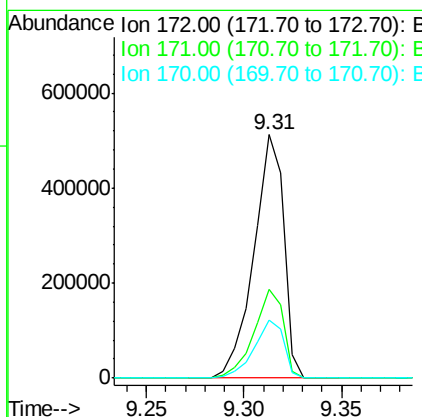
Manual Integrations
 APPROVED

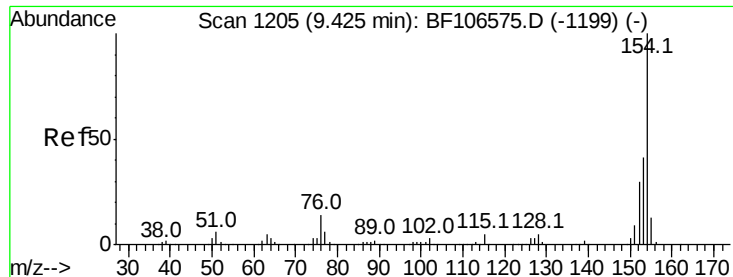
Sohil
 6/28/2018 2:21:31 PM



#44
 2-Fluorobiphenyl
 Concen: 74.009 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 36.353 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

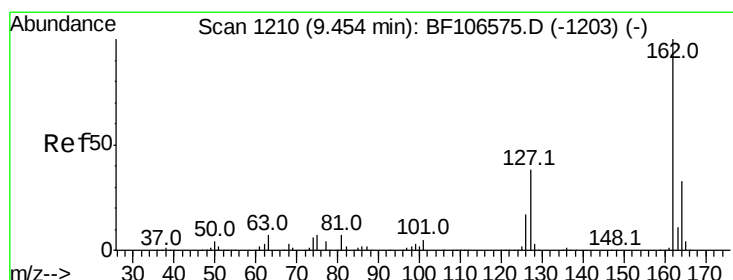
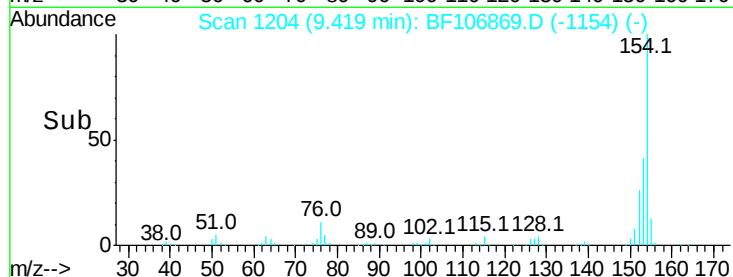
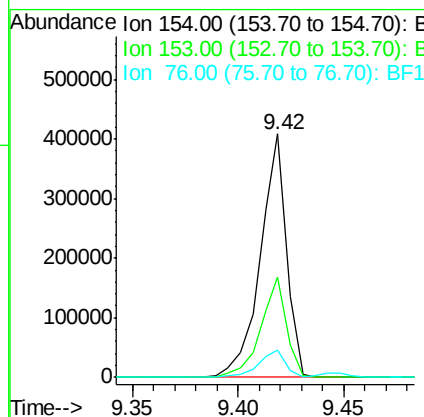
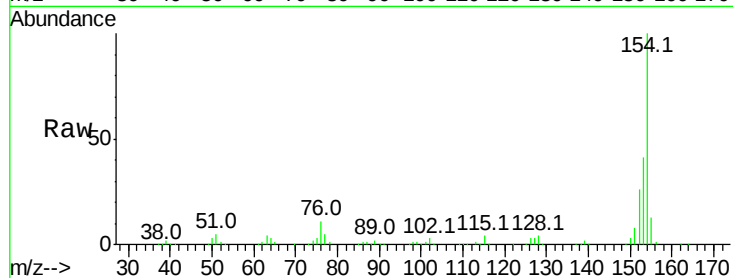
ClientSampled :

PB110604BS

Tot Ion:	154	Resp:	351765
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	11.0	0.0	34.0

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#46

2-Chloronaphthalene

Concen: 34.282 ng

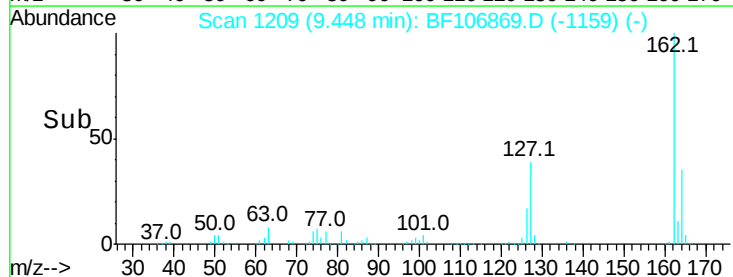
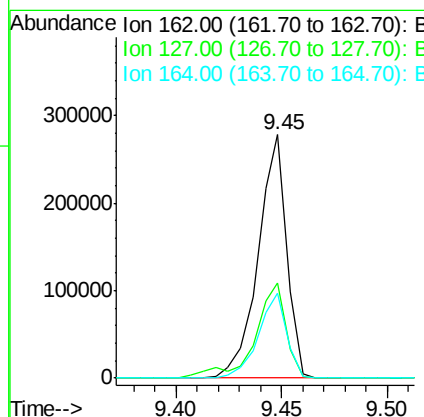
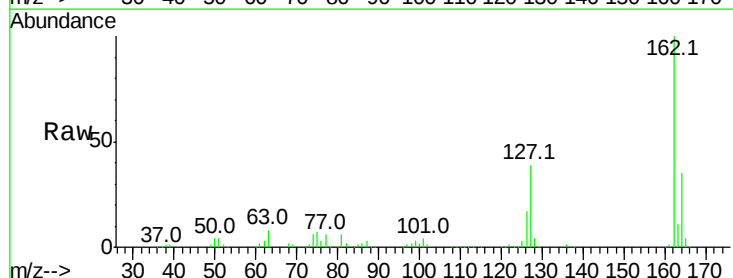
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	162	Resp:	261116
Ion Ratio	Lower	Upper	
162	100		
127	39.1	33.9	50.9
164	35.1	26.5	39.7





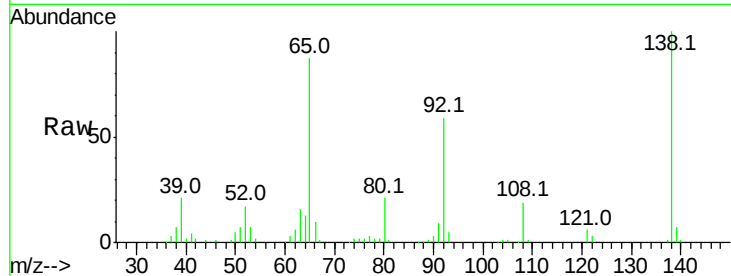
#47
2-Nitroaniline
Concen: 31.993 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

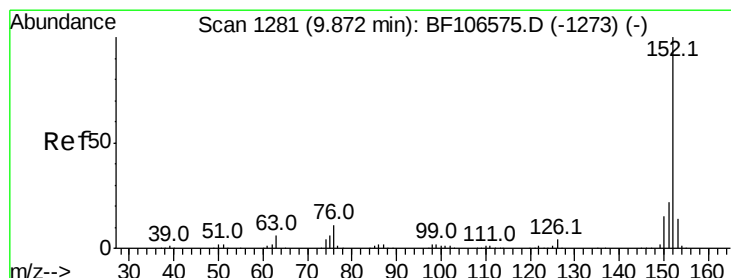
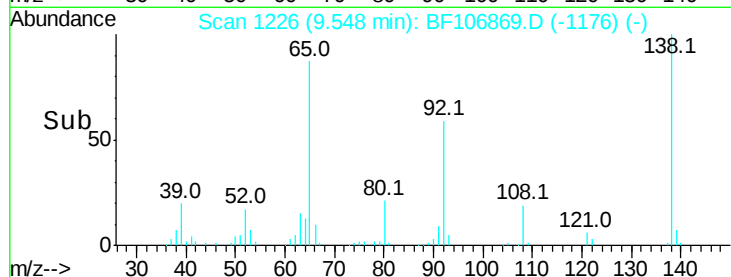
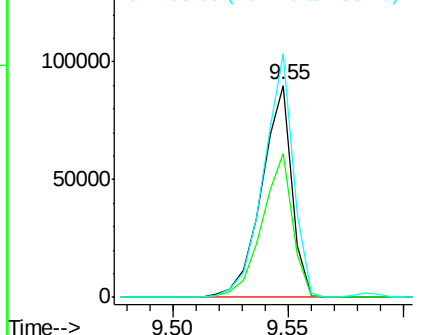
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	55.8	83.6
138	114.7	91.2	136.8

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM

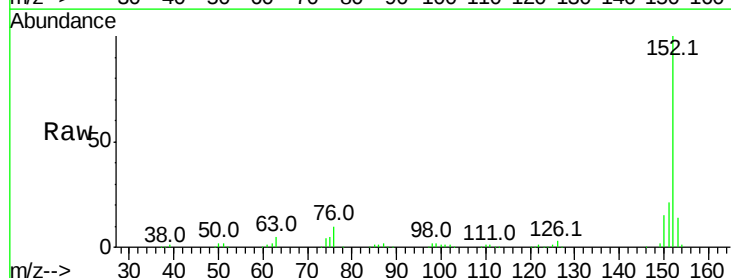


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

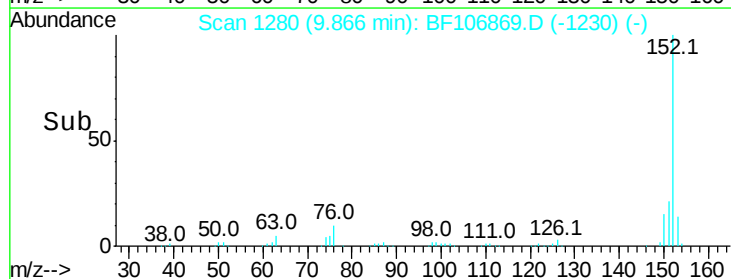
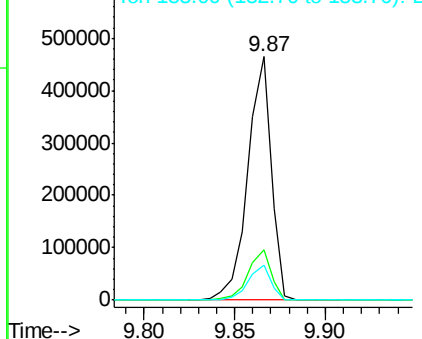


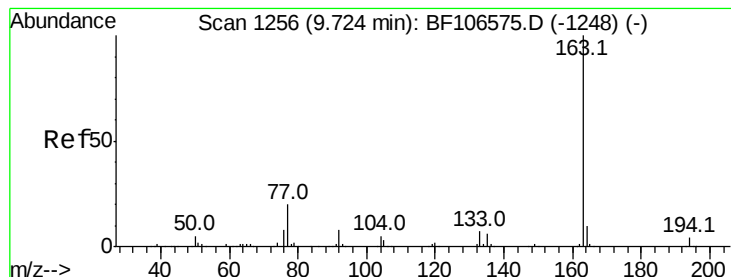
#48
Acenaphthylene
Concen: 34.862 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.1	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 35.118 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

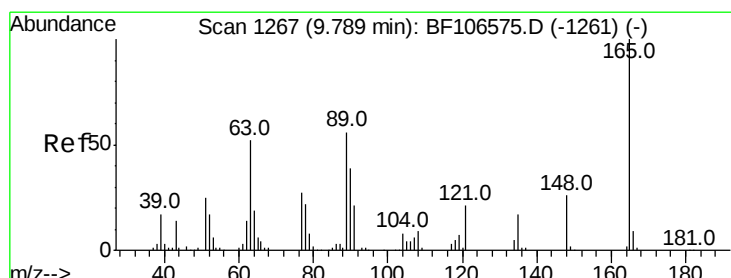
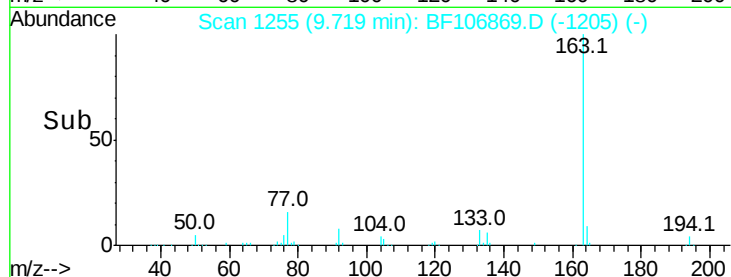
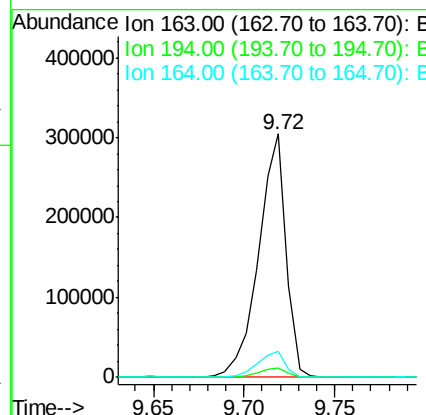
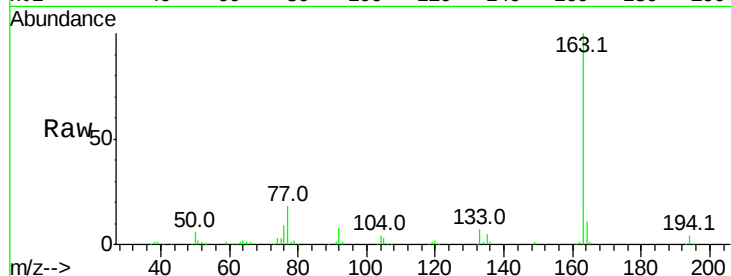
ClientSampleId :

PB110604BS

Tot Ion:	163	Resp:	319806
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#50

2,6-Dinitrotoluene

Concen: 39.191 ng

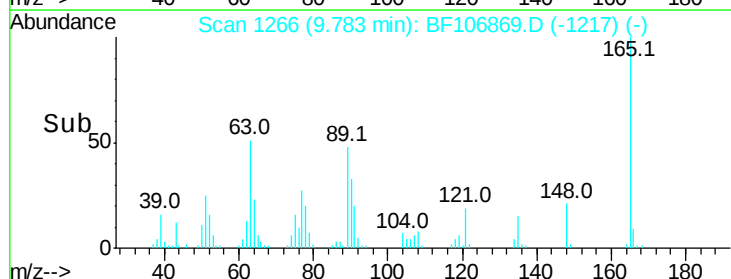
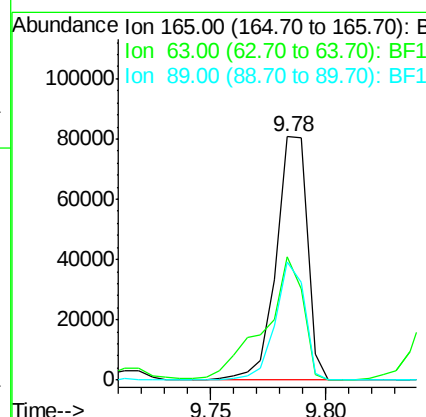
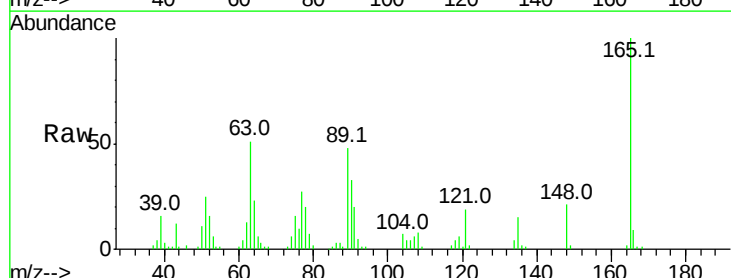
RT: 9.78 min Scan# 1266

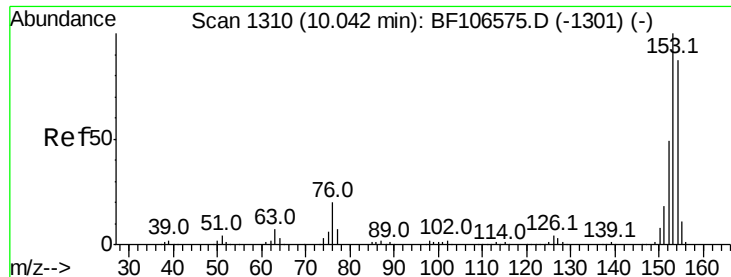
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	165	Resp:	75574
Ion Ratio	Lower	Upper	
165	100		
63	50.7	44.7	67.1
89	48.5	44.0	66.0





#51

Acenaphthene

Concen: 33.266 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion:154 Resp: 251903

Ion Ratio Lower Upper

154 100

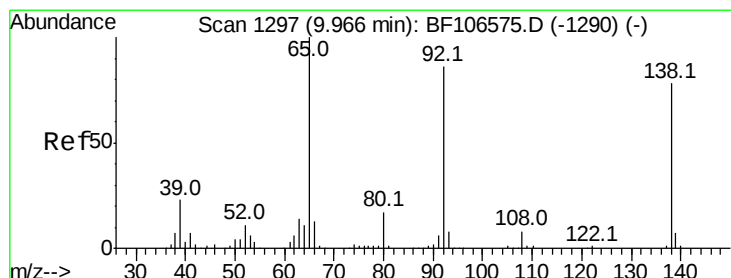
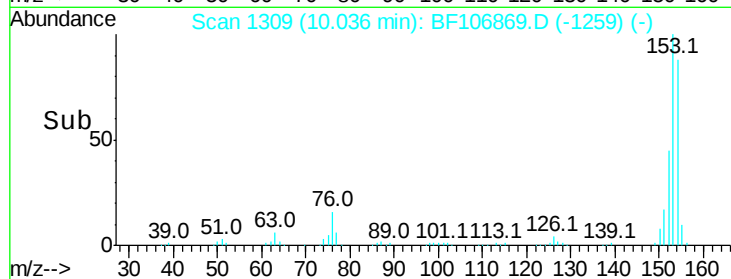
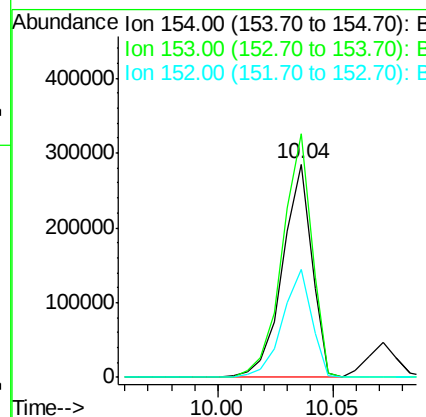
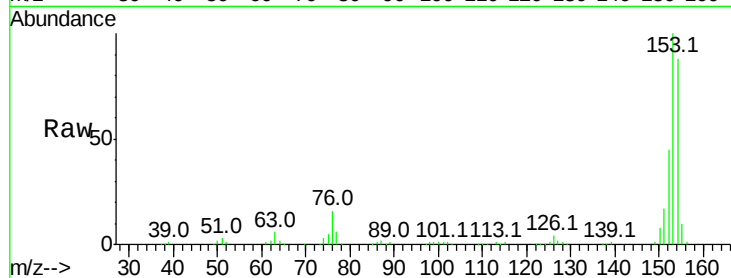
153 114.2 91.2 136.8

152 50.9 43.8 65.8

Manual Integrations
APPROVED

Sohil

6/28/2018 2:21:31 PM



#52

3-Nitroaniline

Concen: 17.337 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

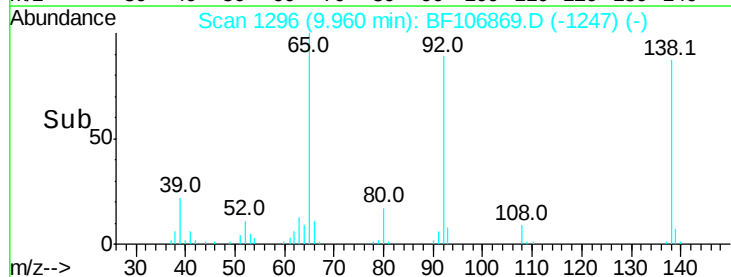
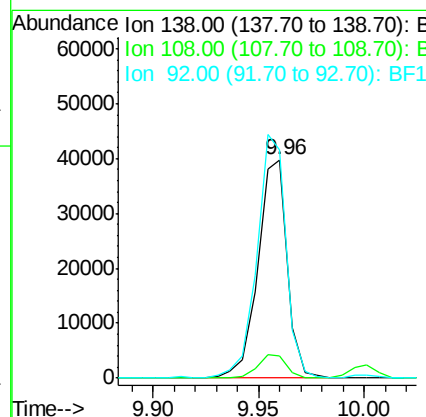
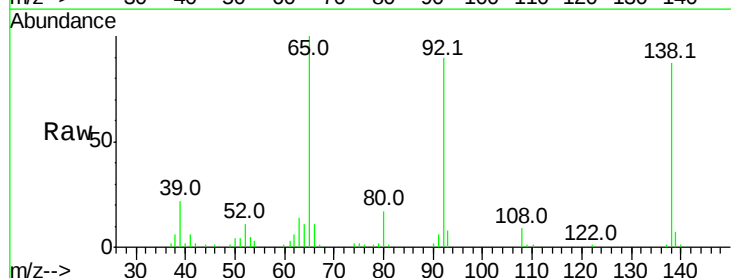
Tgt Ion:138 Resp: 38470

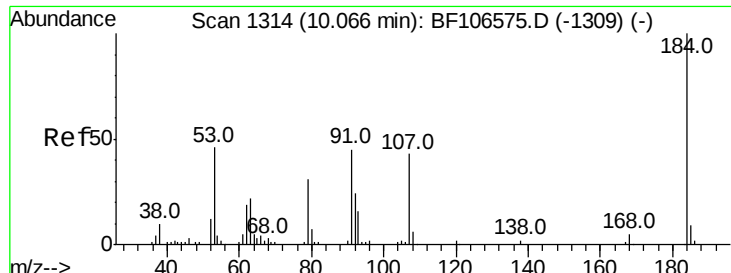
Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

92 104.5 89.4 134.2





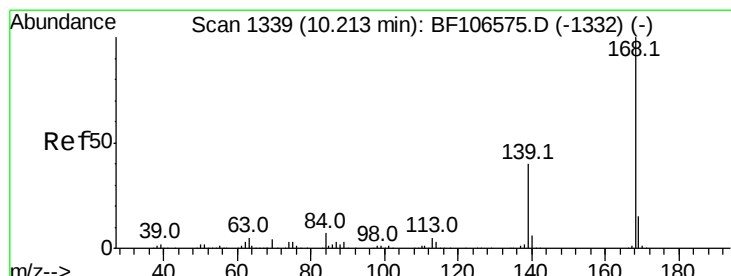
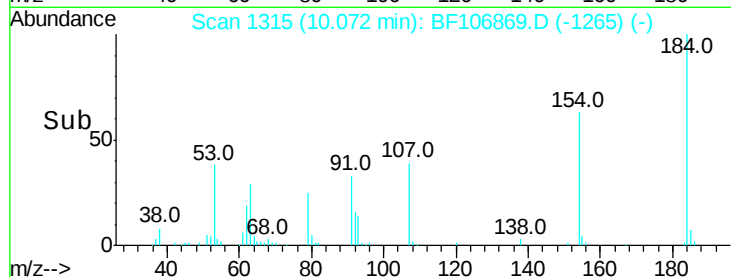
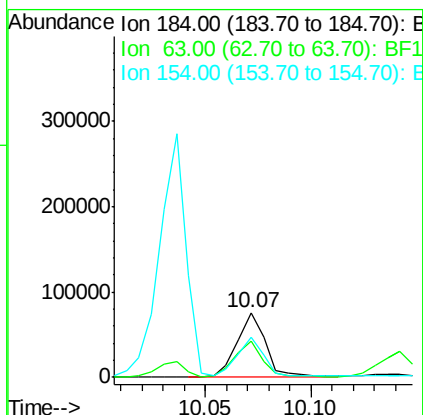
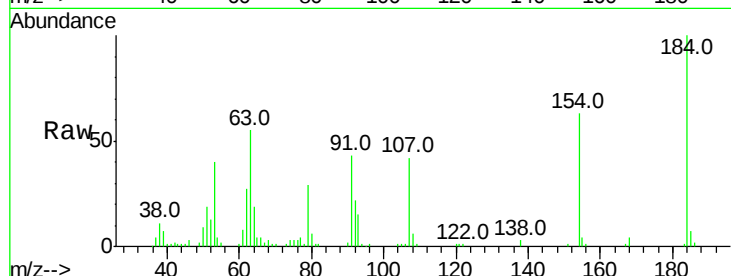
#53
 2,4-Dinitrophenol
 Concen: 72.774 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.3	54.2	81.2
154	62.8	184.0	276.0#

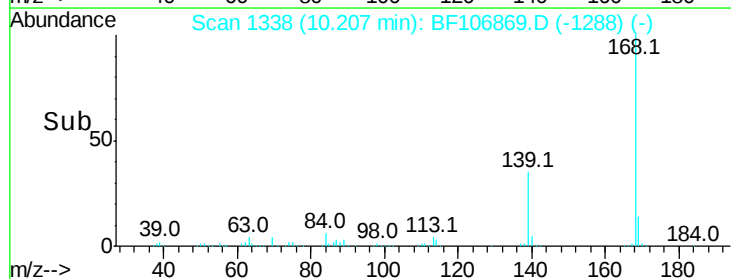
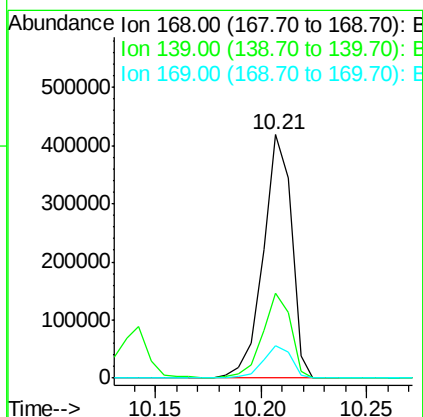
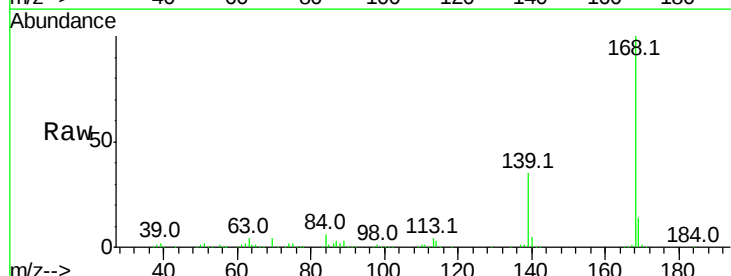
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM



#54
 Dibenzofuran
 Concen: 37.729 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.5	10.9	16.3





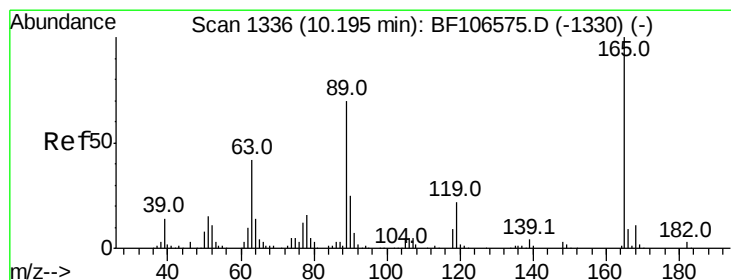
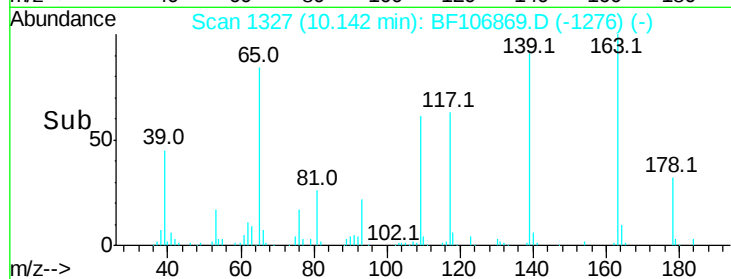
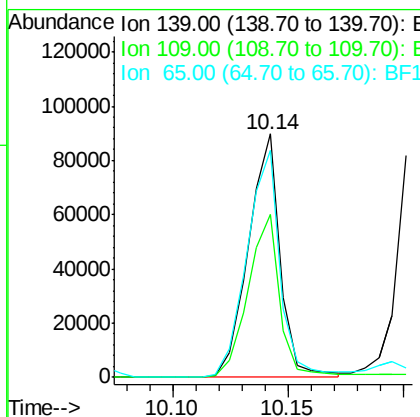
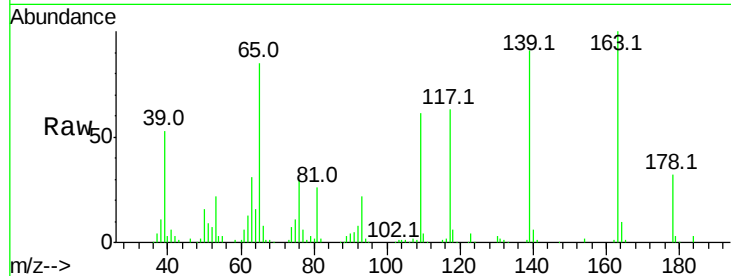
#55
4-Nitrophenol
Concen: 55.842 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.1	48.4	88.4
65	93.4	72.6	112.6

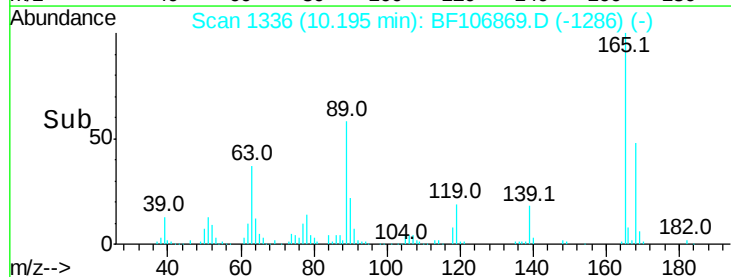
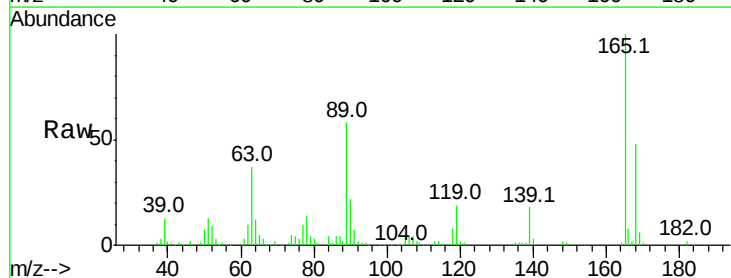
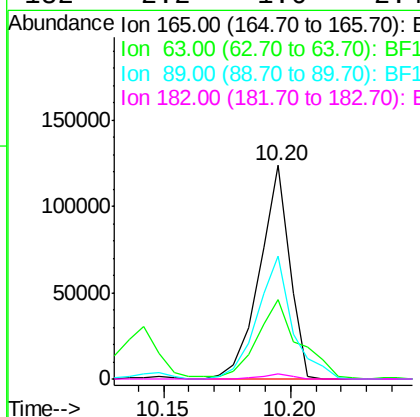
Manual Integrations
APPROVED

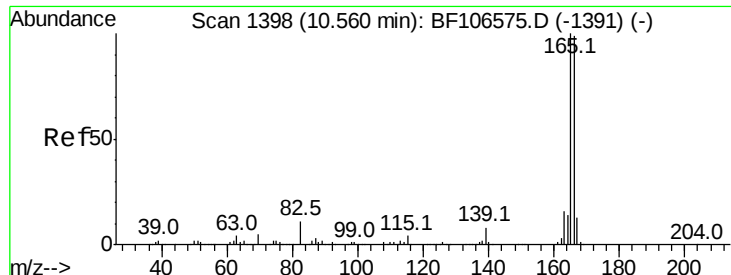
Sohil
6/28/2018 2:21:31 PM



#56
2,4-Dinitrotoluene
Concen: 40.962 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.2	36.4	54.6
89	57.6	57.8	86.6#
182	2.2	1.6	2.4





#57

Fluorene

Concen: 37.697 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

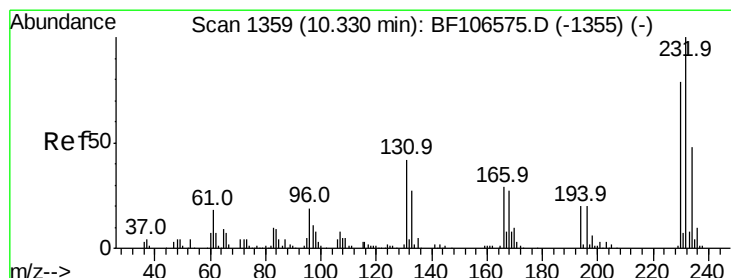
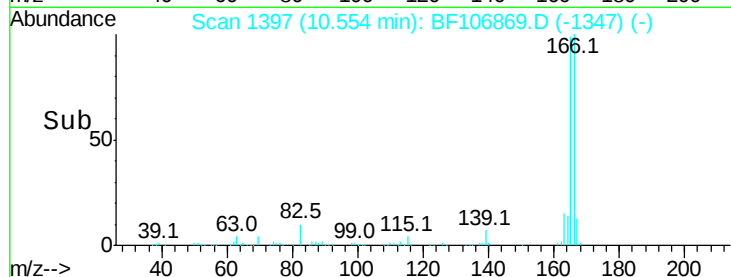
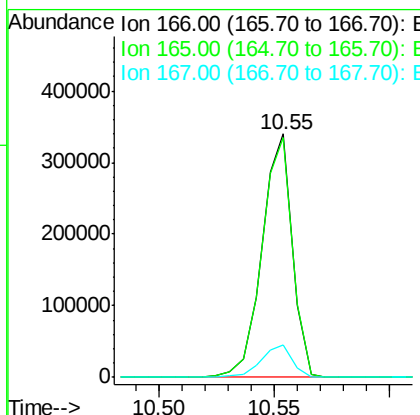
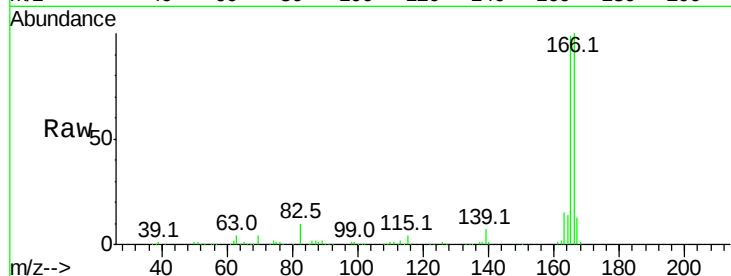
ClientSampleId :

PB110604BS

Tot Ion:	166	Resp:	310180
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.370 ng

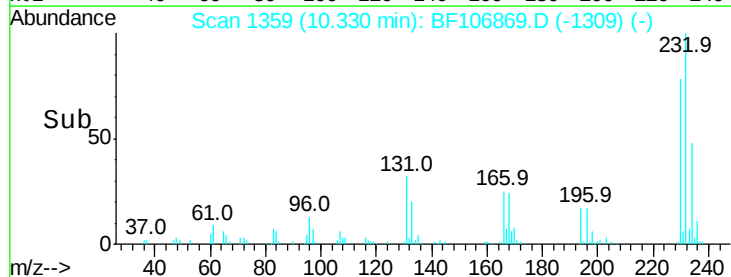
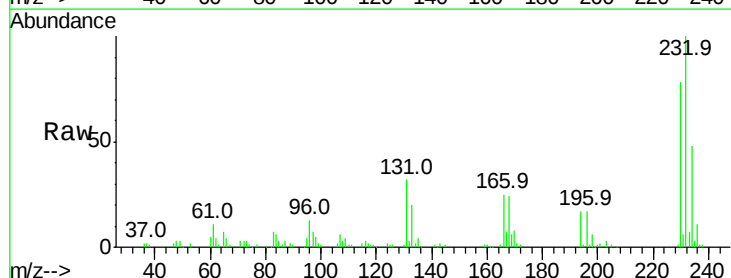
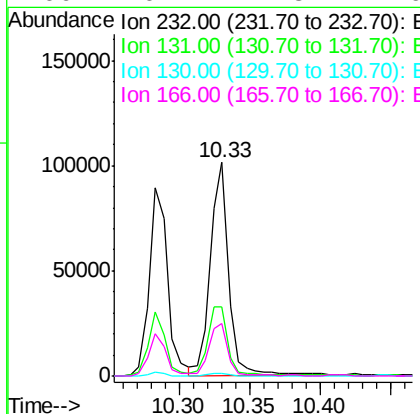
RT: 10.33 min Scan# 1359

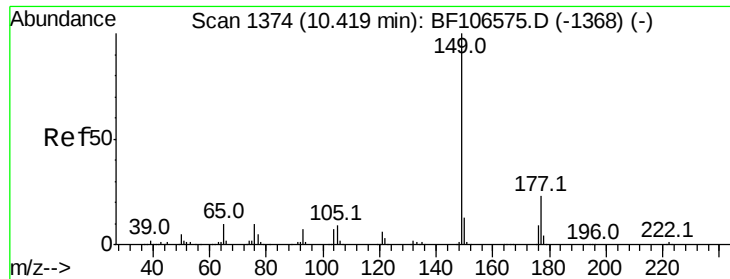
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	232	Resp:	91015
Ion Ratio	Lower	Upper	
232	100		
131	36.5	43.8	65.8#
130	1.5	2.1	3.1#
166	26.1	27.8	41.6#





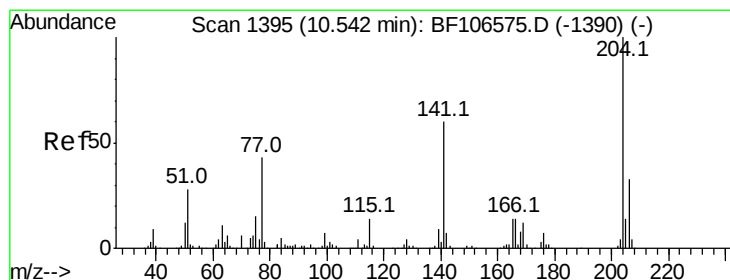
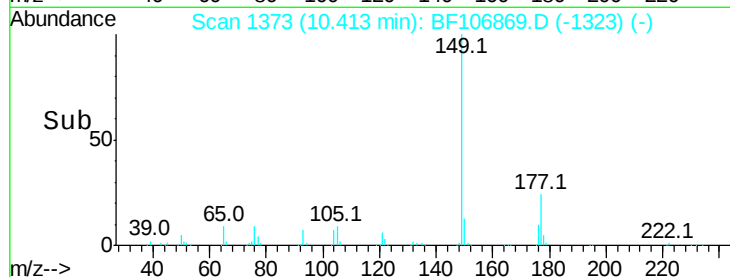
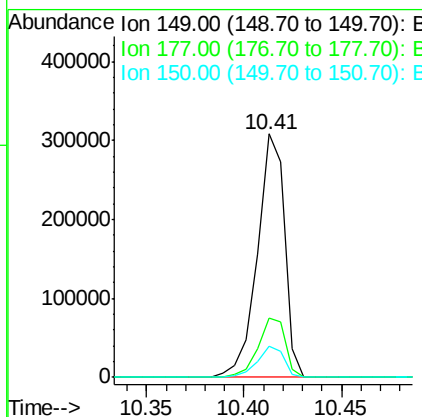
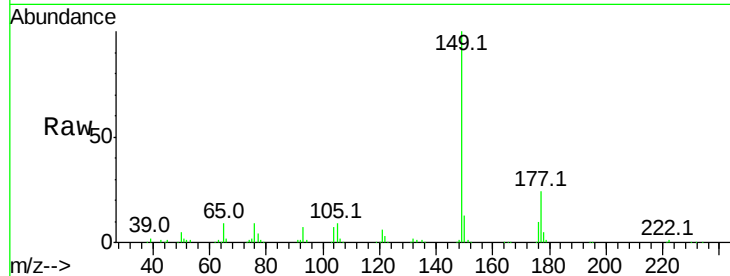
#59
Diethylphthalate
Concen: 33.869 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	297690		
177	24.5	16.1	24.1#	
150	12.7	10.1	15.1	

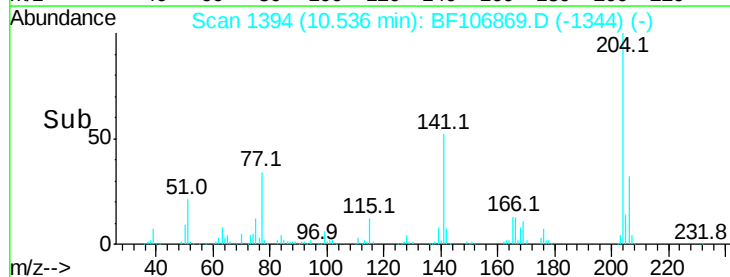
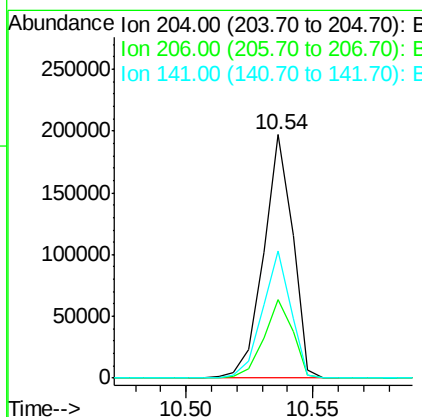
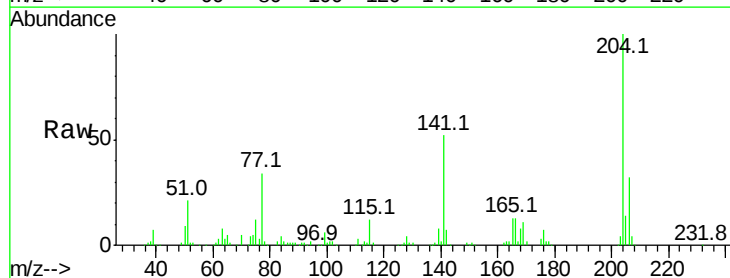
Manual Integrations
APPROVED

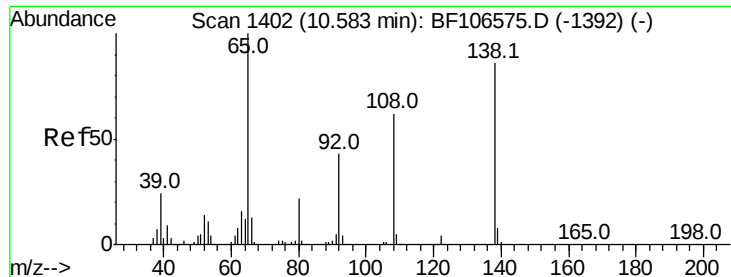
Sohil
6/28/2018 2:21:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.845 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	158624		
206	32.3	26.5	39.7	
141	52.0	54.6	81.8#	





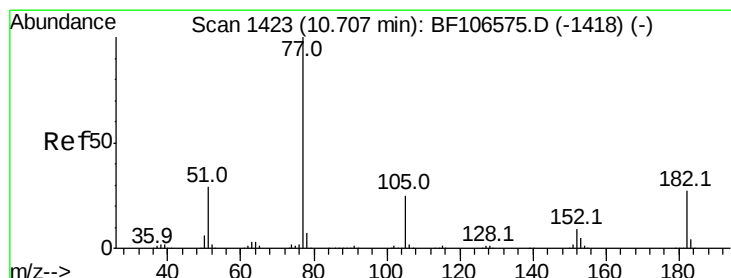
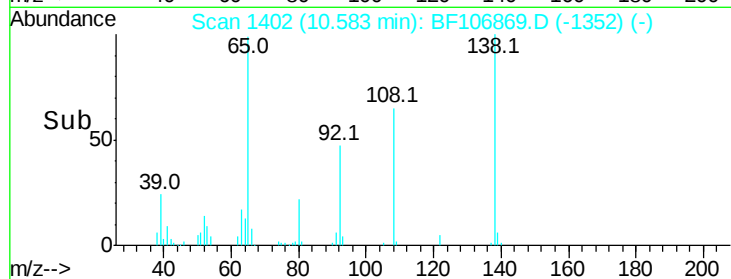
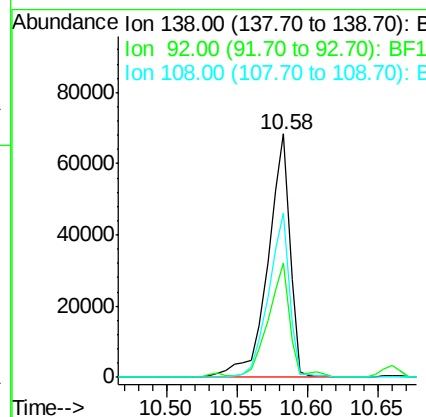
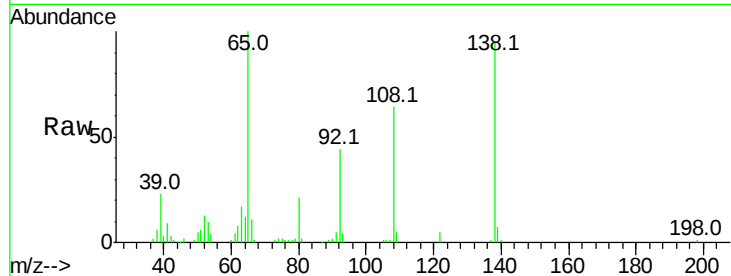
#61
4-Nitroaniline
Concen: 34.268 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampled :
PB110604BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	67.4	52.5	92.5

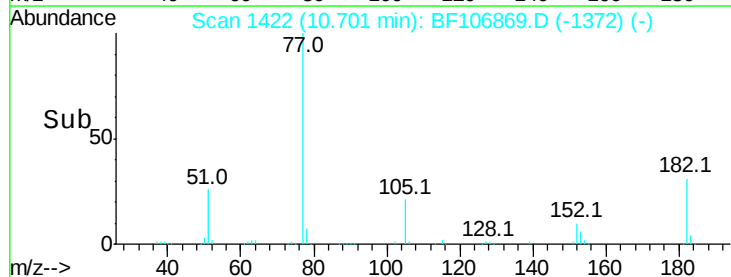
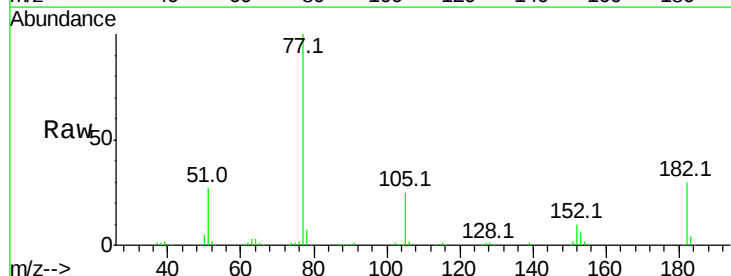
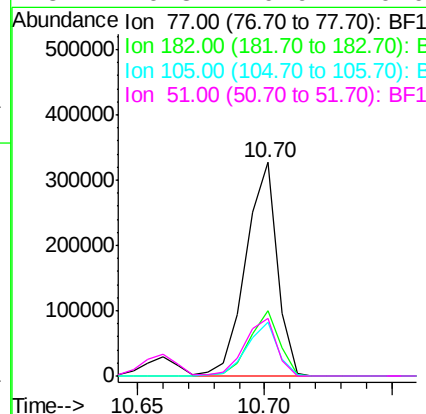
Manual Integrations
APPROVED

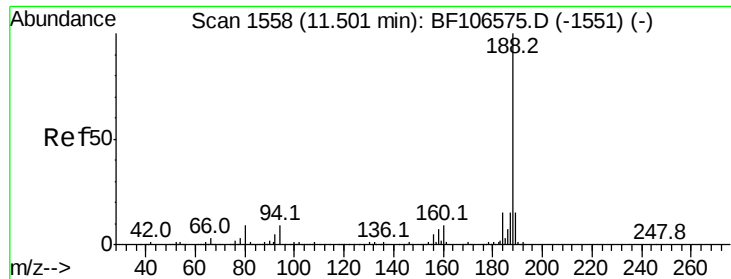
Sohil
6/28/2018 2:21:31 PM



#62
Azobenzene
Concen: 32.590 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.5	1.7	41.7
105	25.2	3.0	43.0
51	26.8	9.9	49.9





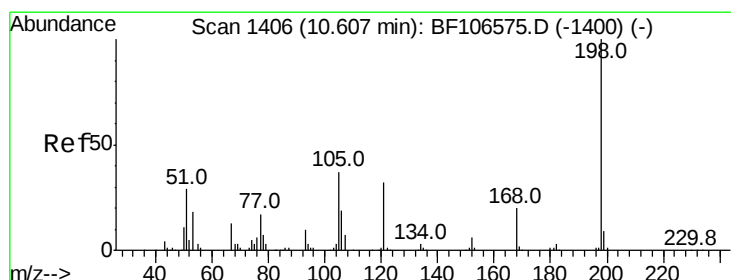
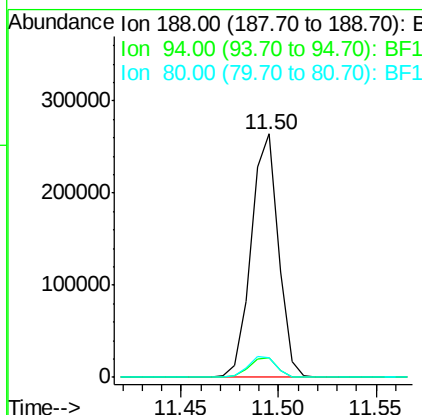
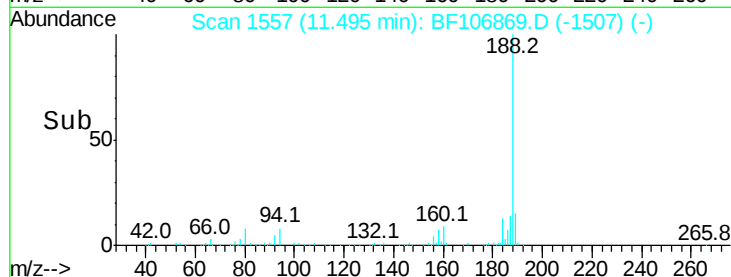
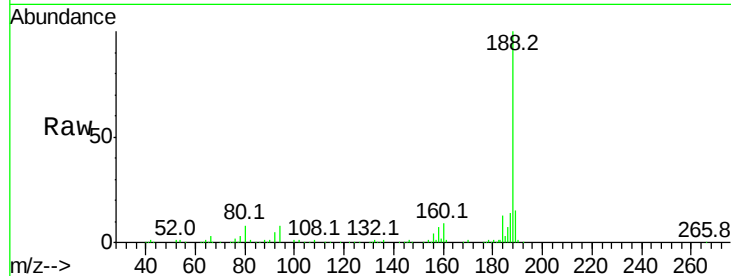
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.2	9.2	13.8#

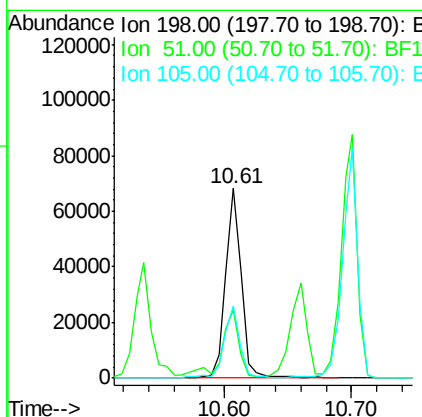
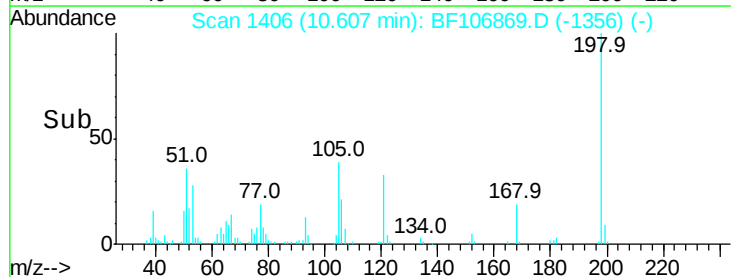
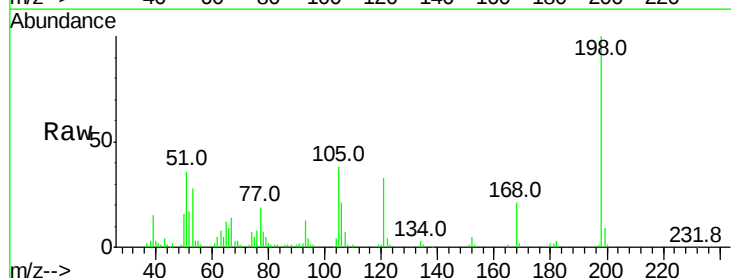
Manual Integrations
APPROVED

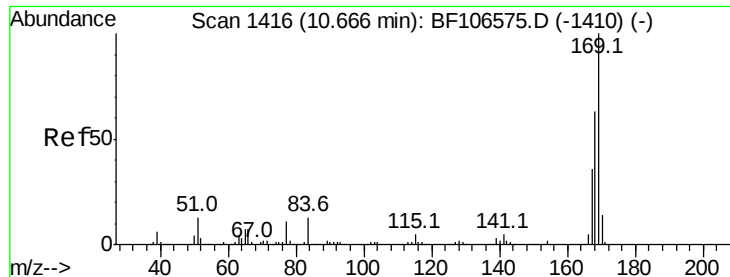
Sohil
6/28/2018 2:21:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.129 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	36.1	37.7	77.7#
105	38.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 31.732 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion:169 Resp: 272809

Ion Ratio Lower Upper

169 100

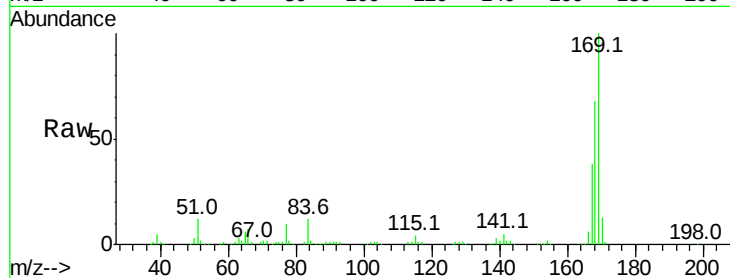
168 68.5 54.4 81.6

167 37.7 29.8 44.6

Manual Integrations
APPROVED

Sohil

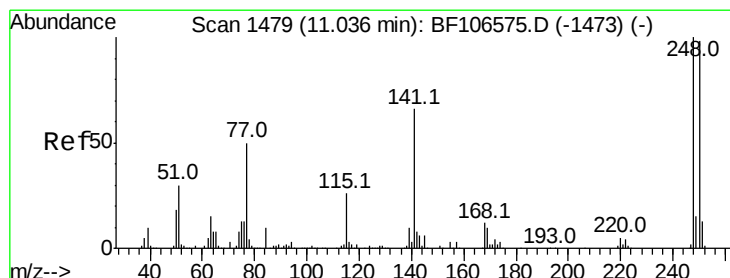
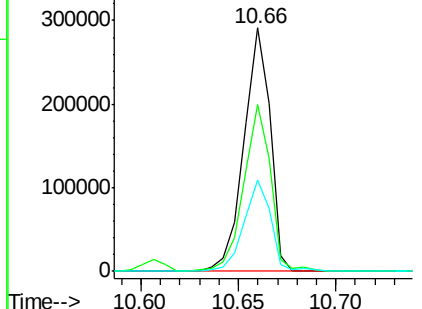
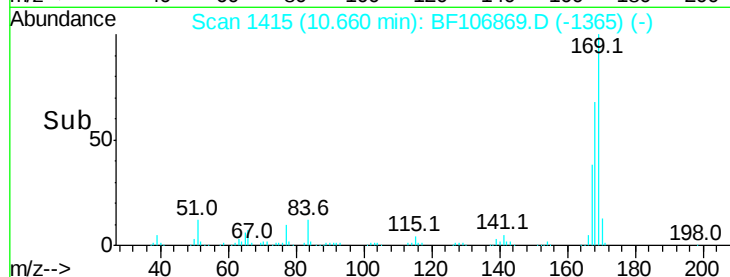
6/28/2018 2:21:31 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.005 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

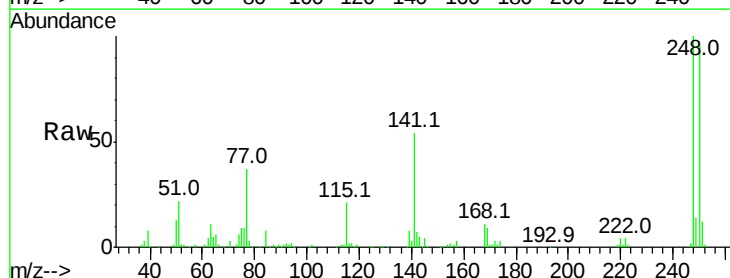
Tgt Ion:248 Resp: 112884

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

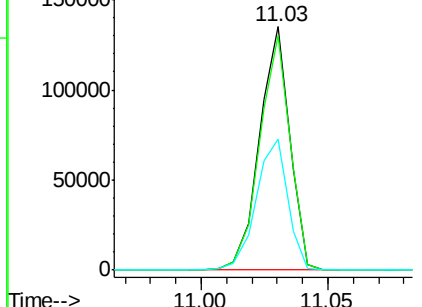
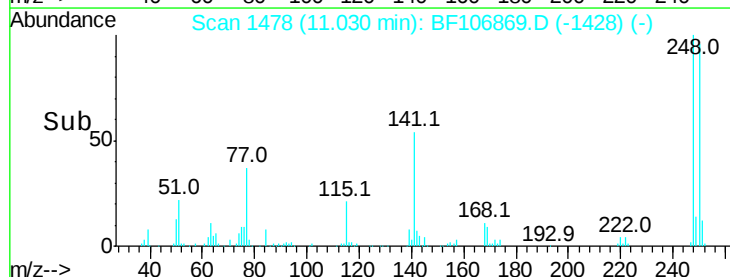
141 53.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





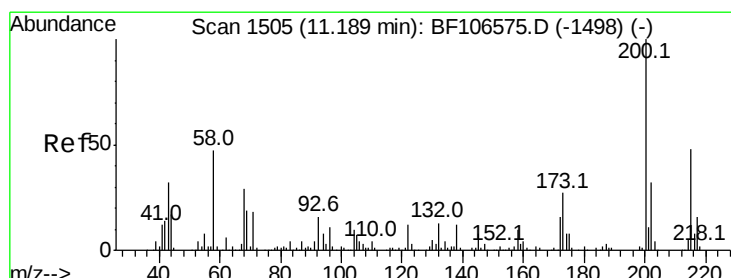
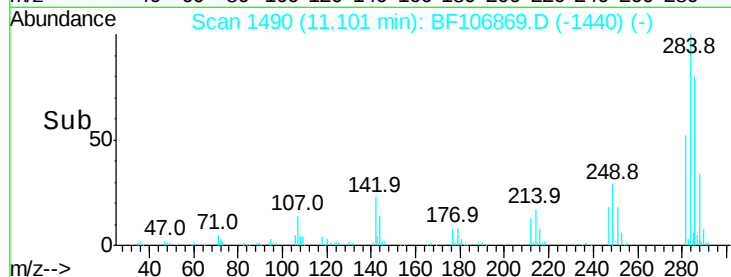
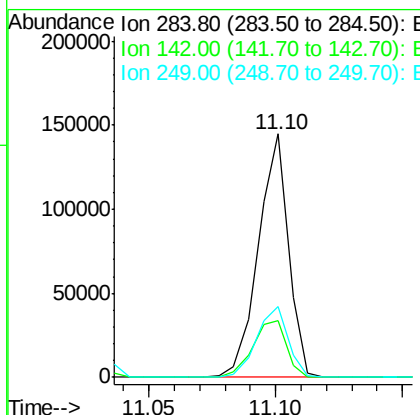
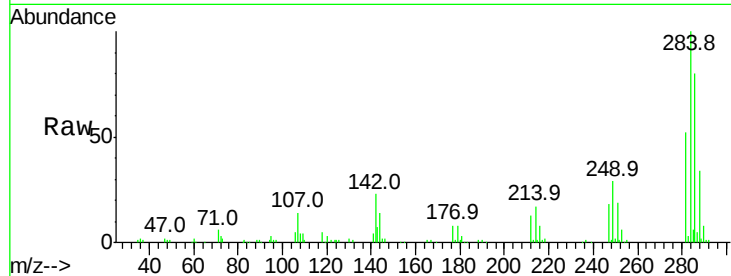
#67
Hexachlorobenzene
Concen: 37.754 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	23.4	34.6	52.0	
249	29.3	24.8	37.2	

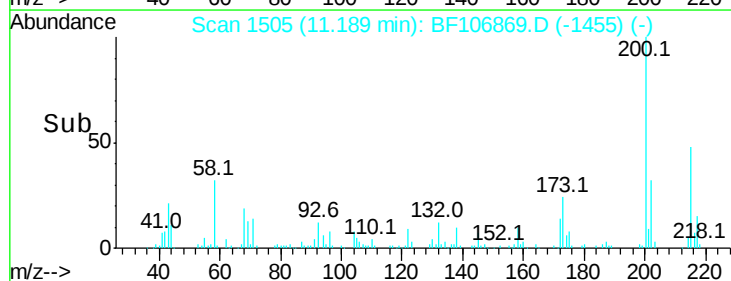
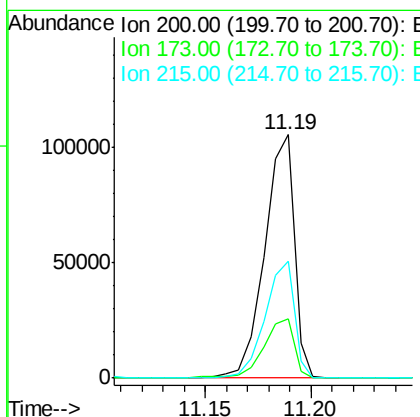
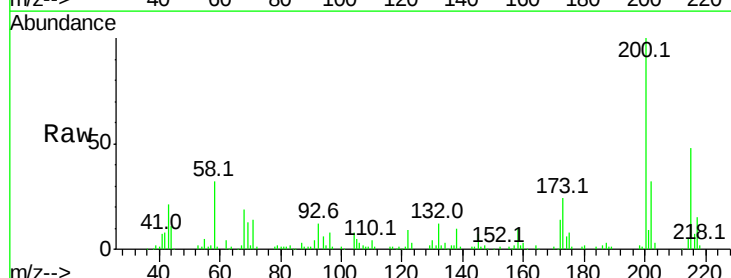
Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#68
Atrazine
Concen: 37.842 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.2	8.6	48.6	
215	47.9	25.1	65.1	





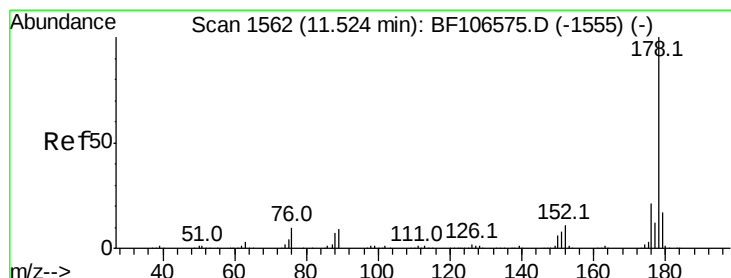
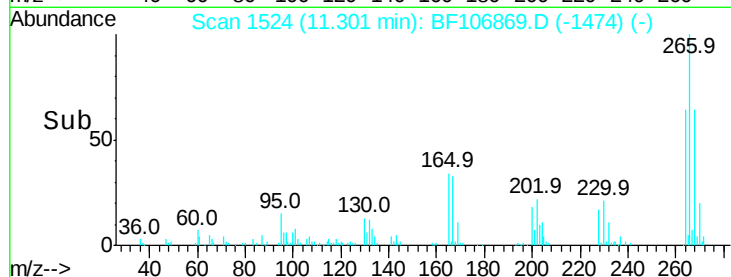
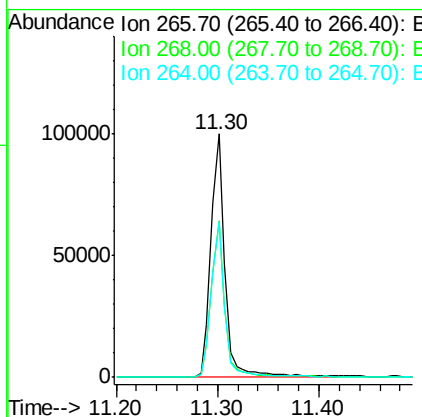
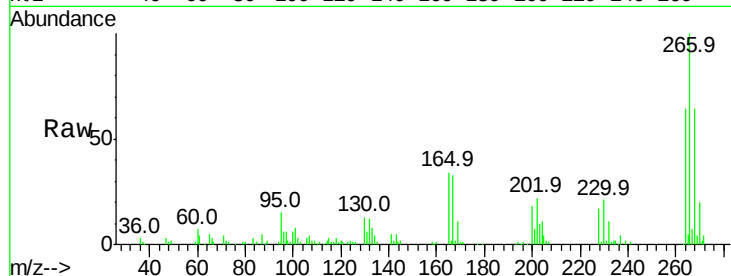
#69
 Pentachlorophenol
 Concen: 61.710 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.9	49.5	74.3

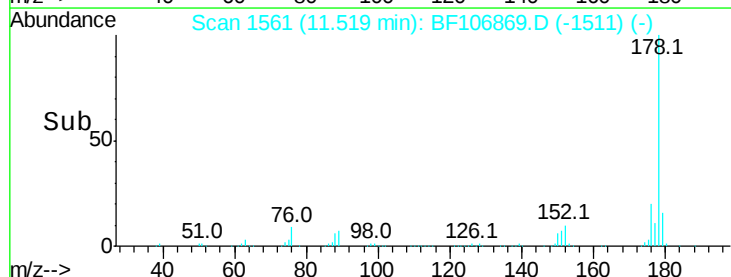
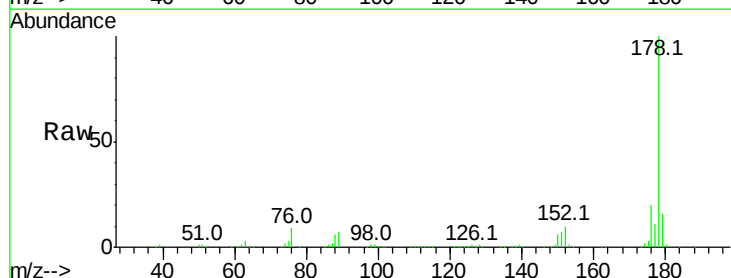
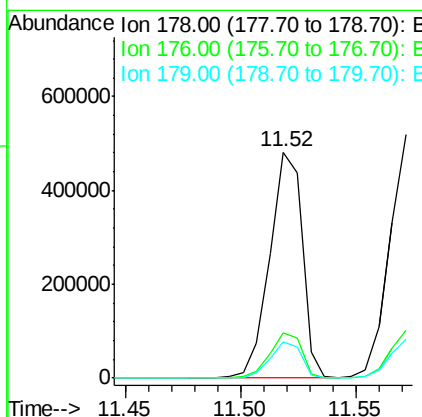
Manual Integrations
 APPROVED

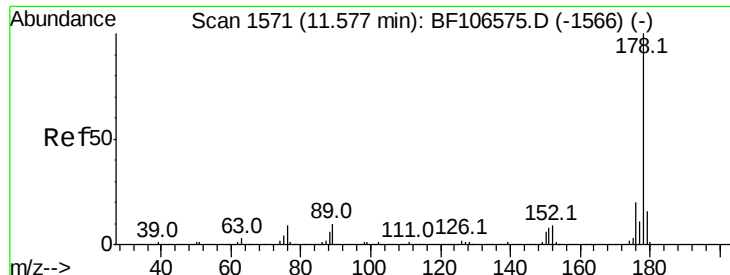
Sohil
 6/28/2018 2:21:31 PM



#70
 Phenanthrene
 Concen: 38.158 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6





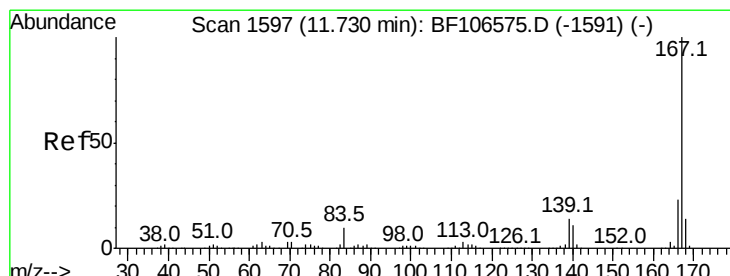
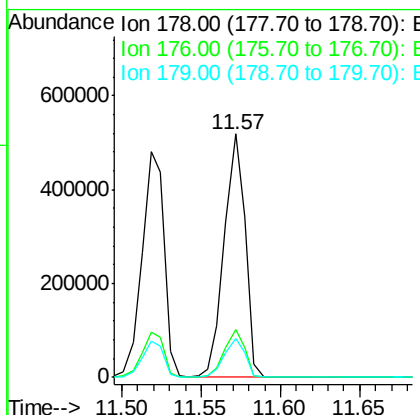
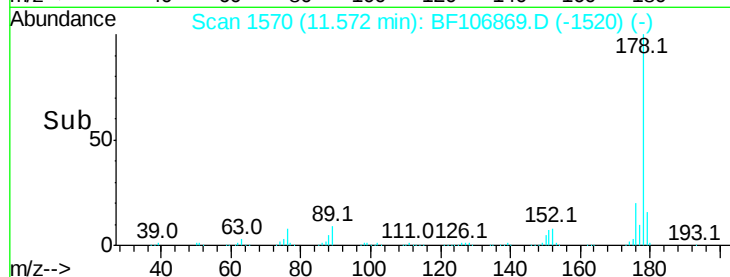
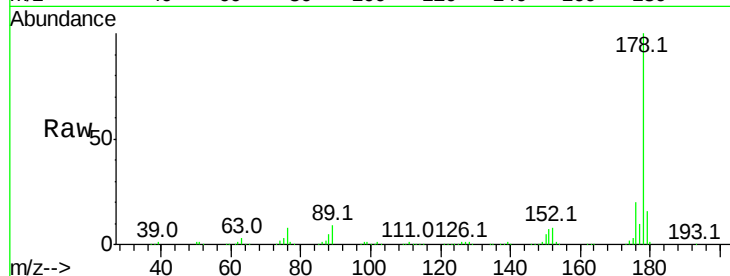
#71
 Anthracene
 Concen: 38.140 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.1	12.6	19.0

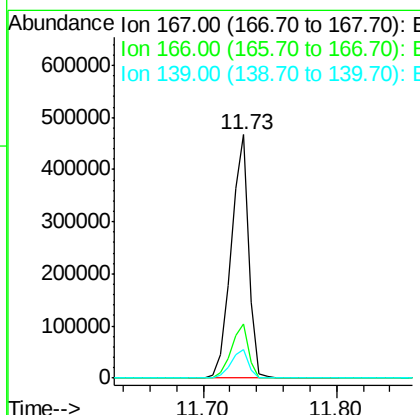
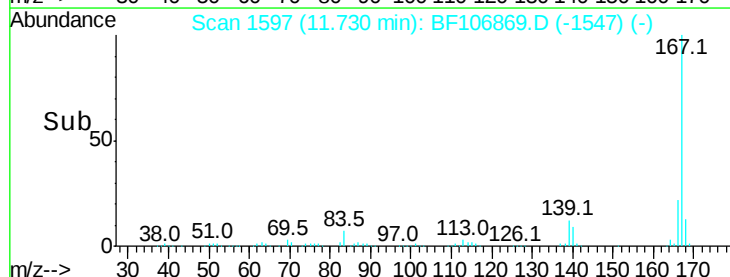
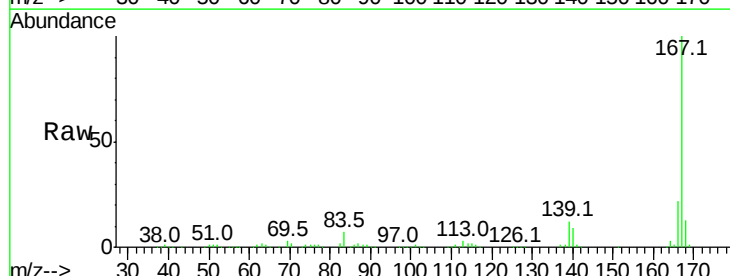
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM



#72
 Carbazole
 Concen: 36.537 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.436 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

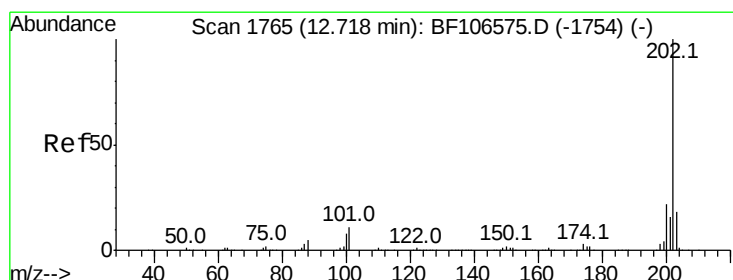
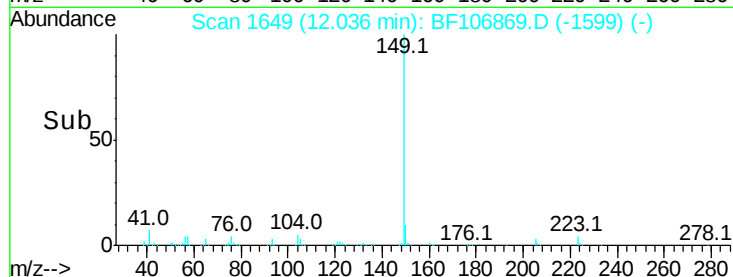
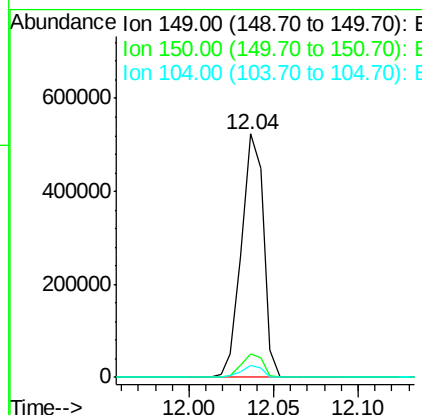
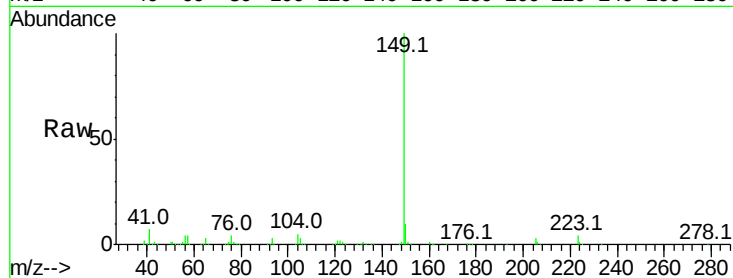
ClientSampleId :

PB110604BS

Tot Ion:	149	Resp:	477942
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#74

Fluoranthene

Concen: 37.460 ng

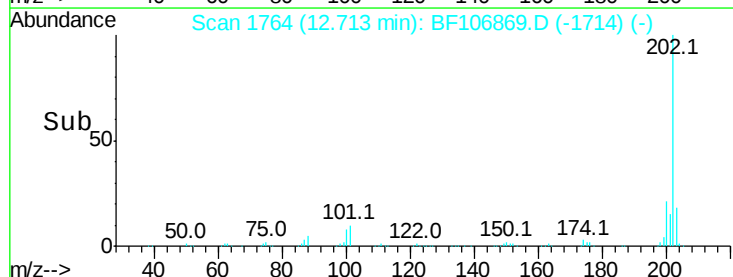
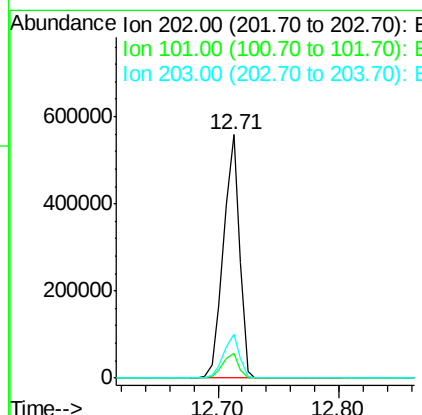
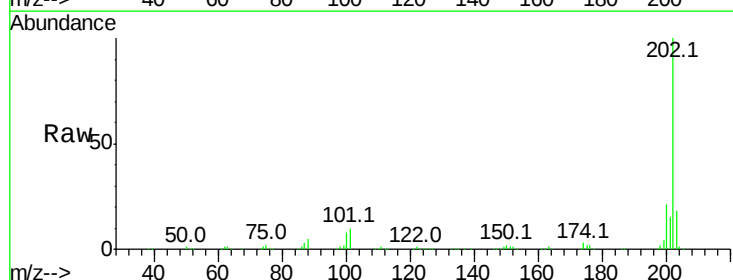
RT: 12.71 min Scan# 1764

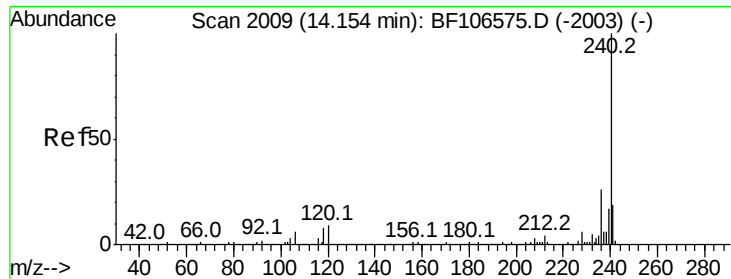
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion:	202	Resp:	509011
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

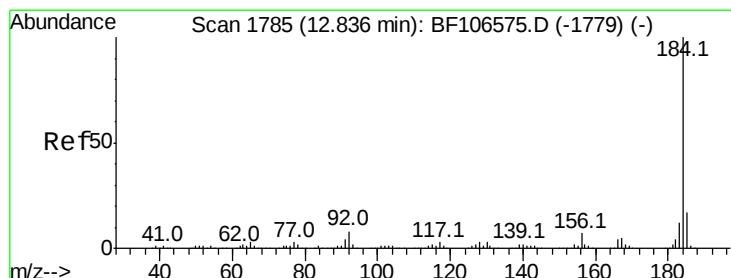
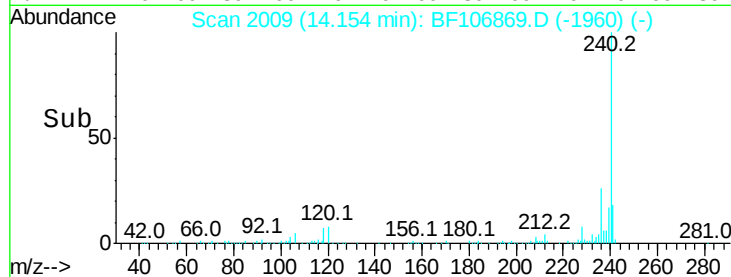
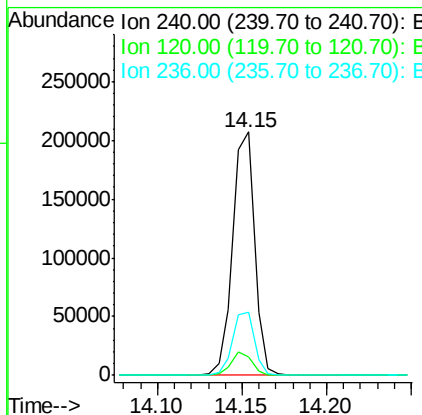
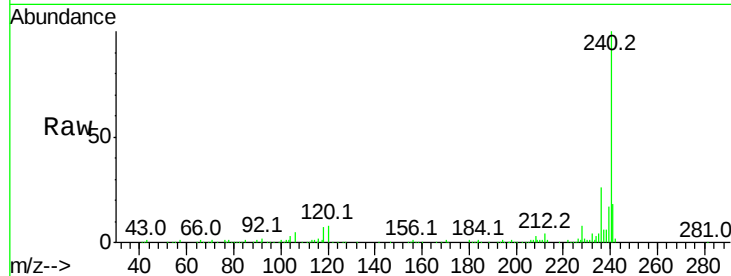
ClientSampleId :

PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	187331		
120	7.8	9.5	14.3#	
236	26.2	20.7	31.1	

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#76

Benzidine

Concen: 37.284 ng

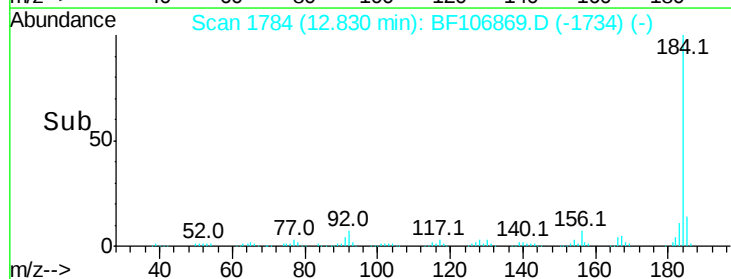
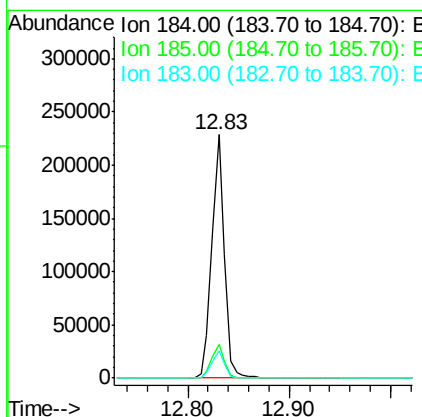
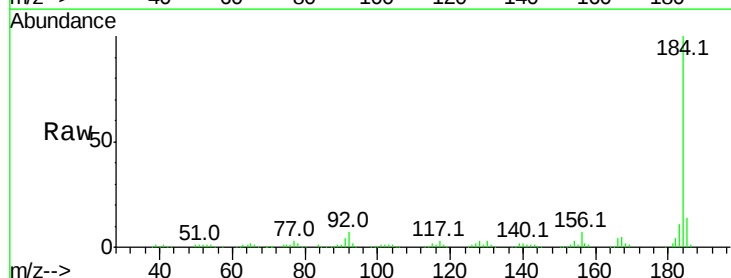
RT: 12.83 min Scan# 1784

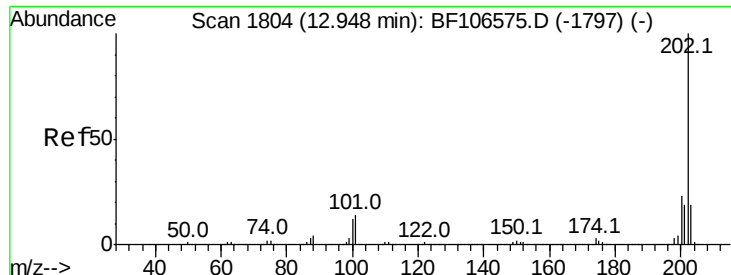
Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	198913		
185	13.6	12.6	18.8	
183	11.2	9.3	13.9	





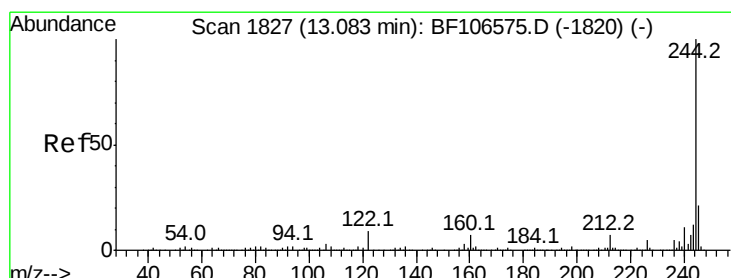
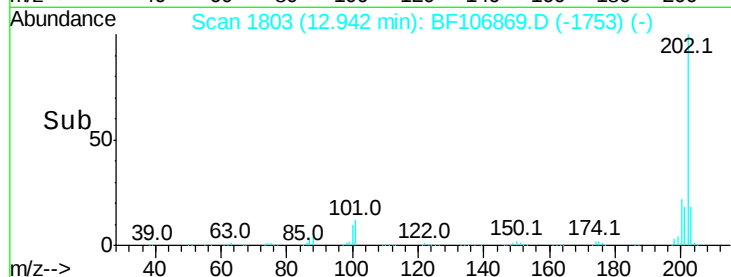
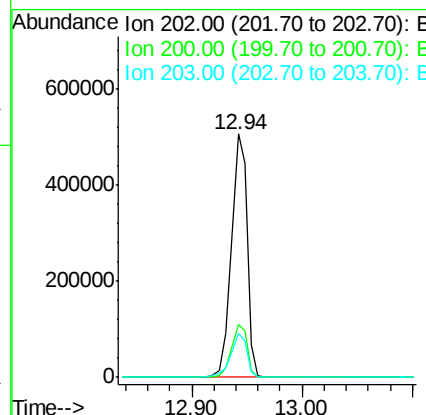
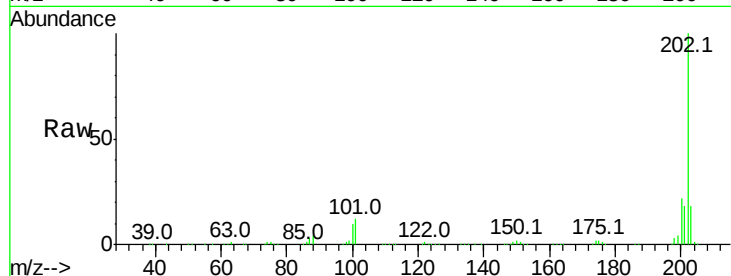
#77
Pvrene
Concen: 41.047 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

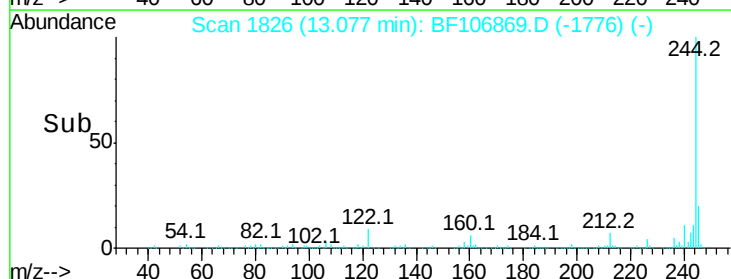
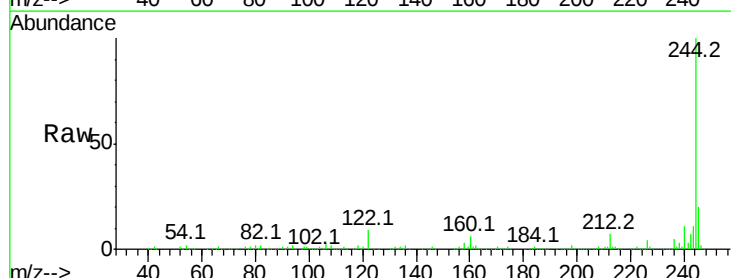
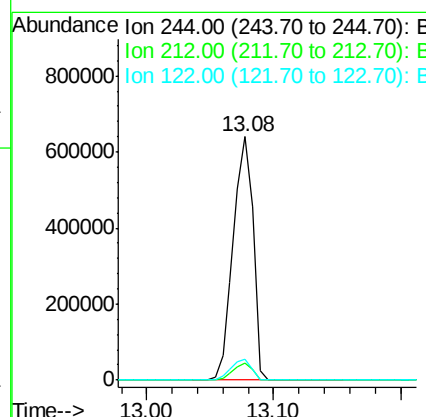
Manual Integrations
APPROVED

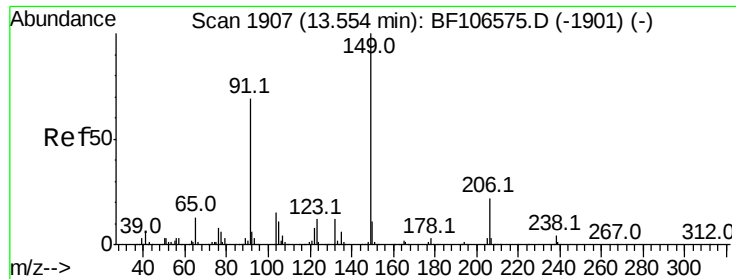
Sohil
6/28/2018 2:21:31 PM



#78
Terphenyl-d14
Concen: 89.614 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.6	11.0	16.4





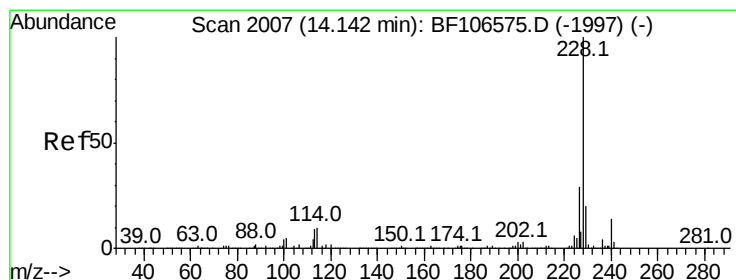
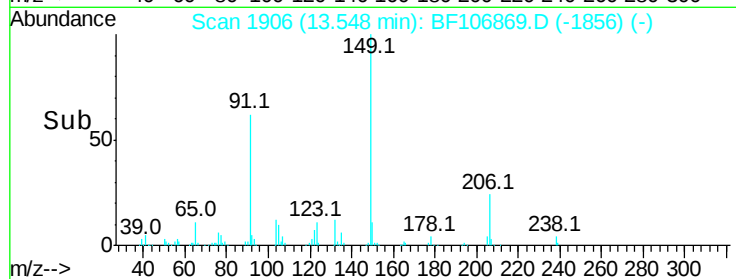
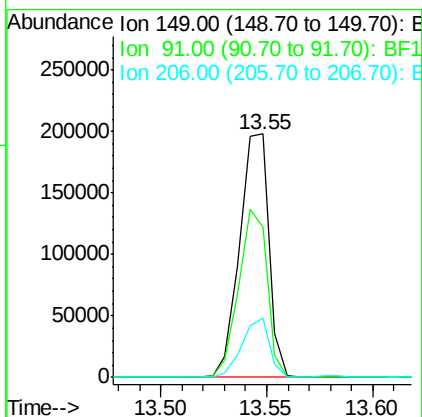
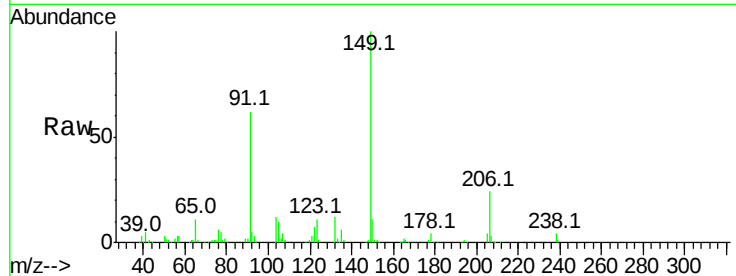
#79
Butylbenzylphthalate
Concen: 37.629 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	191117		
91	61.7	56.8	85.2	
206	24.4	14.1	21.1	

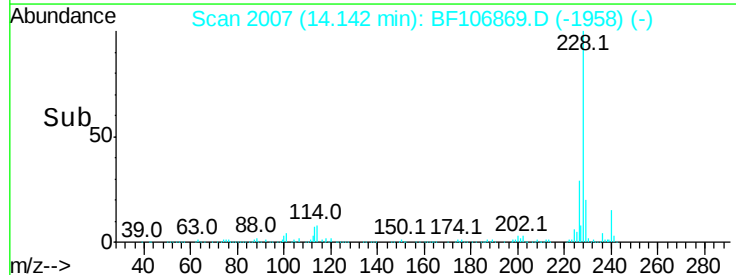
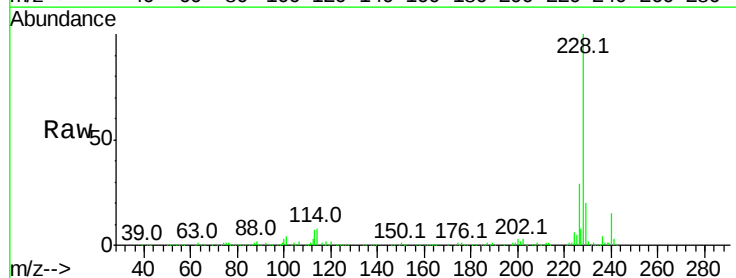
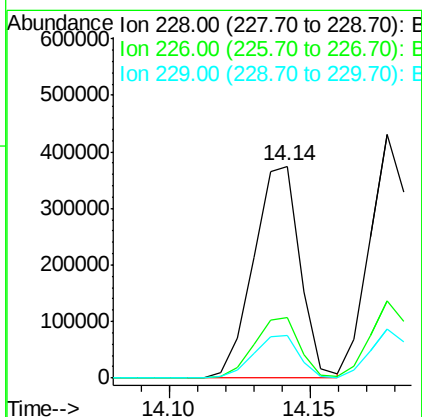
Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#80
Benzo(a)anthracene
Concen: 37.532 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	428515		
226	28.6	22.6	33.8	
229	20.2	15.8	23.6	





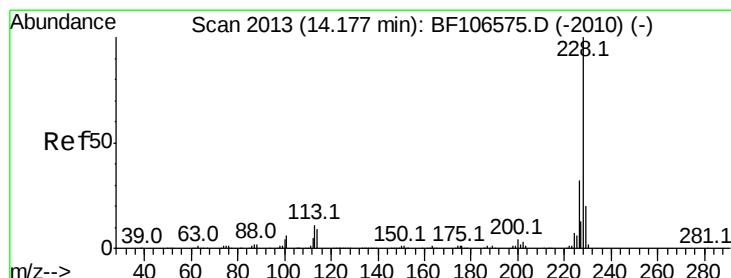
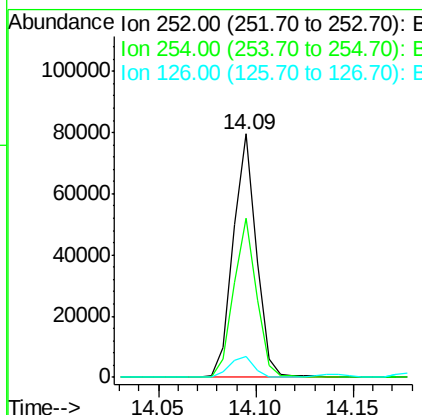
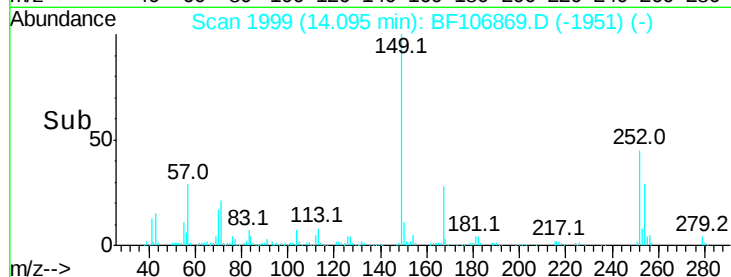
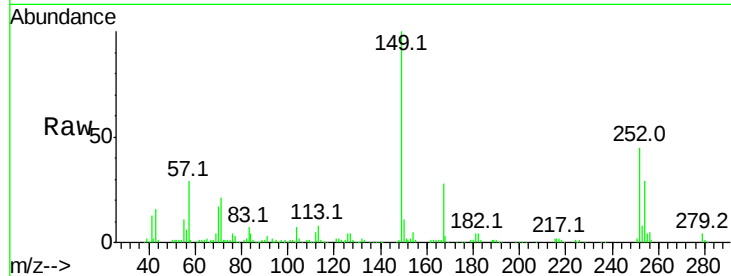
#81
 3,3'-Dichlorobenzidine
 Concen: 16.387 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	8.6	11.3	16.9

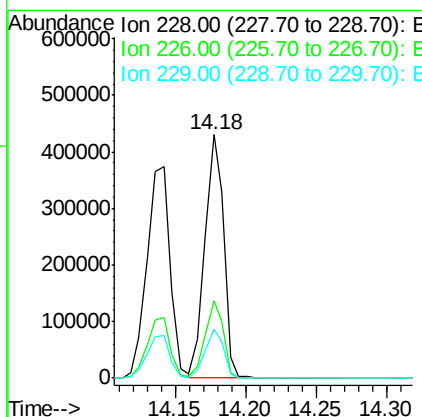
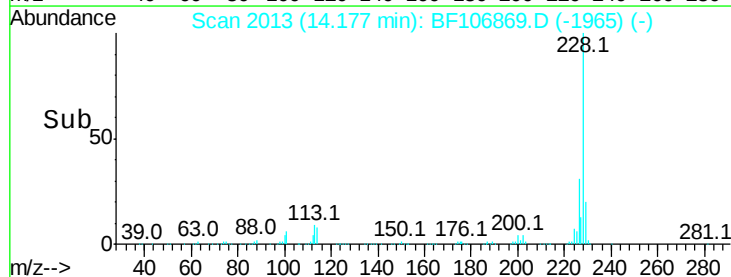
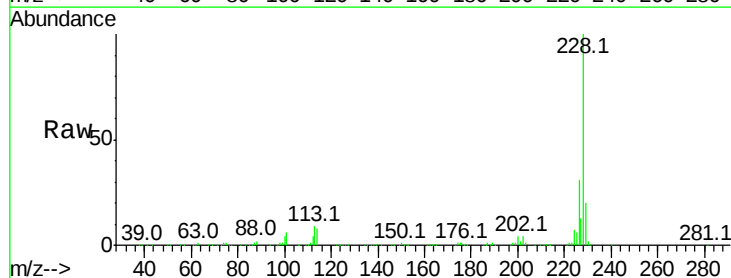
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:31 PM



#82
 Chrysene
 Concen: 37.756 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.379 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

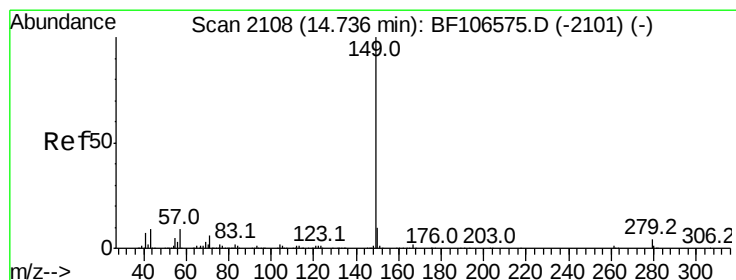
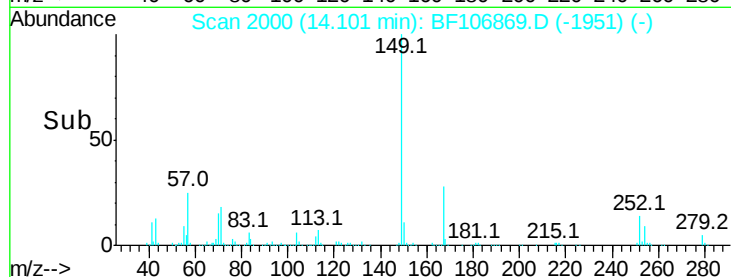
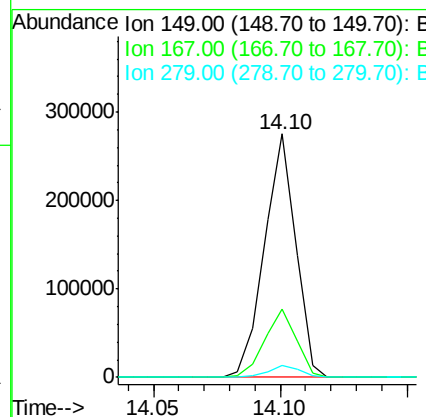
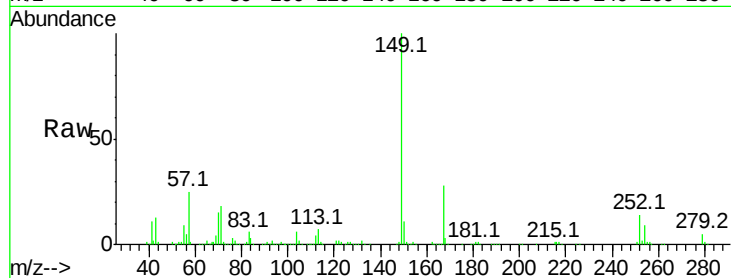
ClientSampleId :

PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	236224		
167	28.0	21.3	31.9	
279	4.7	3.0	4.4	

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM



#84

Di-n-octyl phthalate

Concen: 34.206 ng

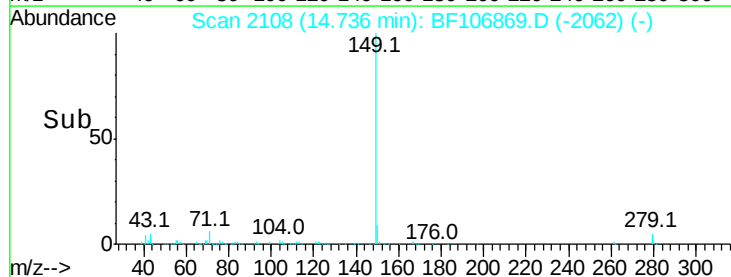
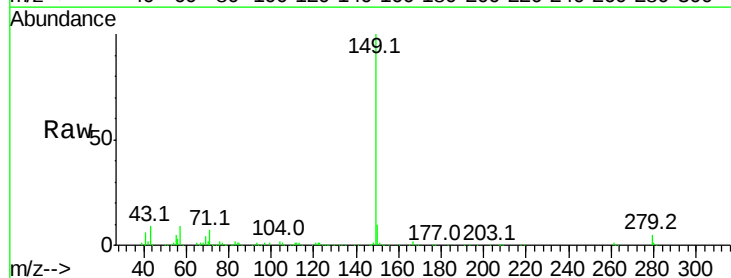
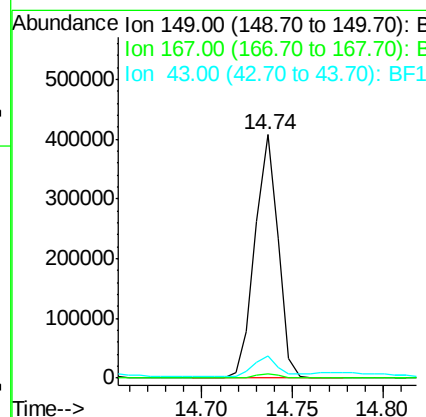
RT: 14.74 min Scan# 2108

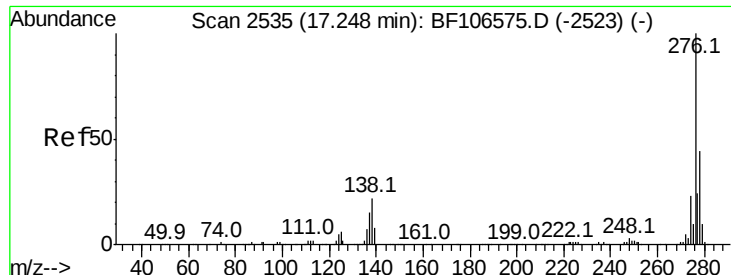
Delta R.T. -0.03 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	362056		
167	2.0	1.2	1.8	
43	9.7	8.4	12.6	





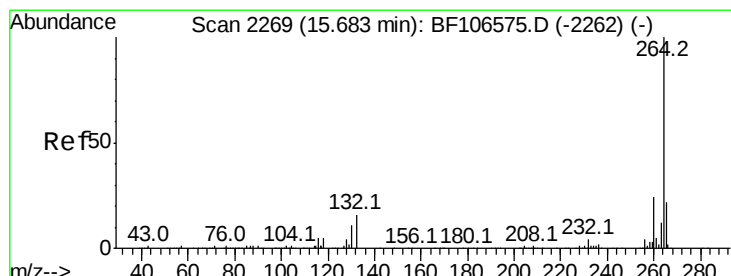
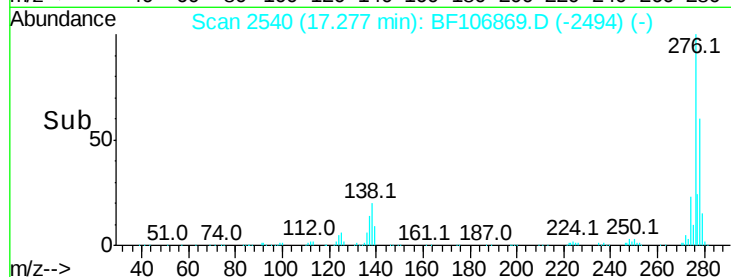
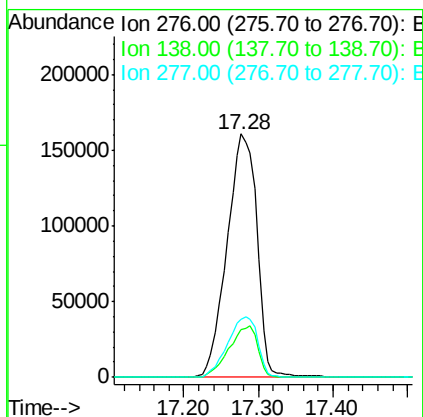
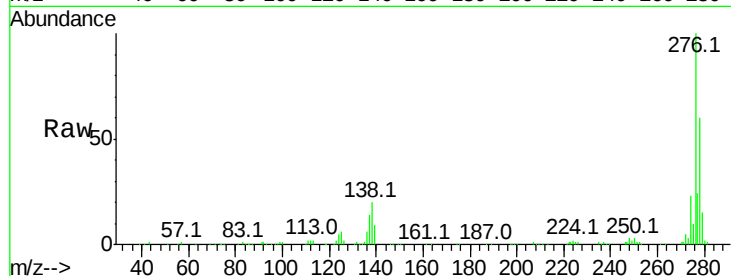
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.169 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.1	20.1	30.1

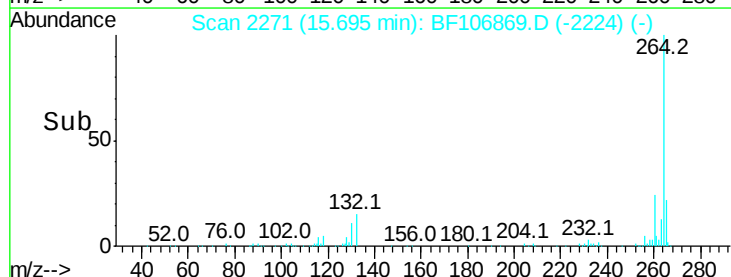
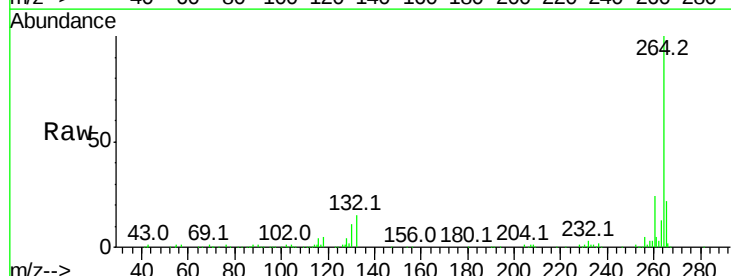
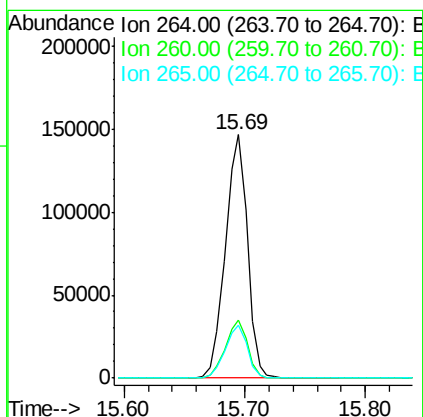
Manual Integrations
 APPROVED

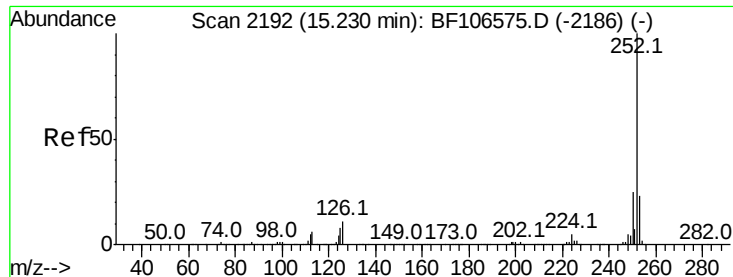
Sohil
 6/28/2018 2:21:31 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF106869.D
 Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3





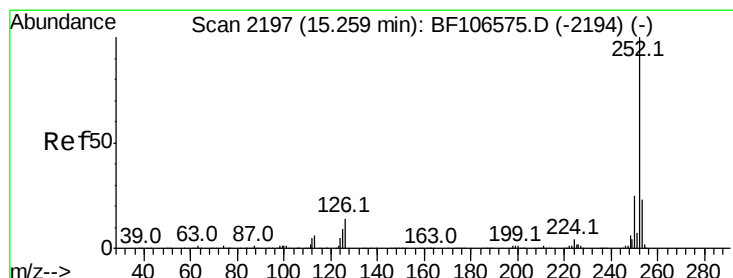
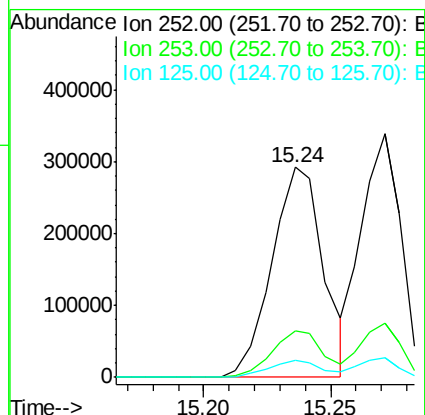
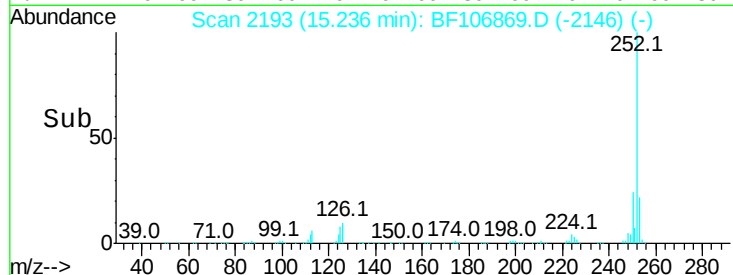
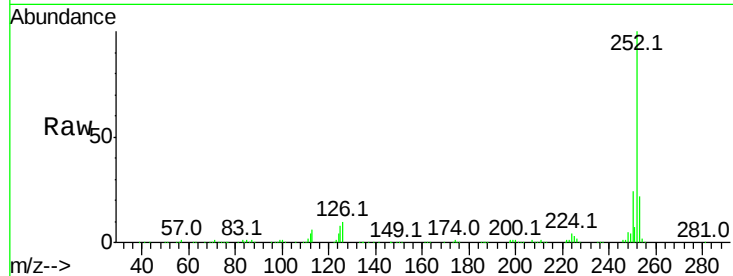
#87
Benzo(b)fluoranthene
Concen: 35.776 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.2	9.0	13.6#

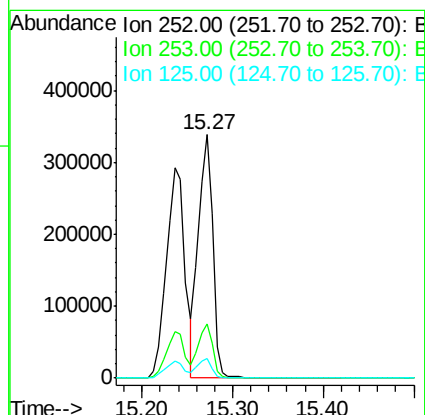
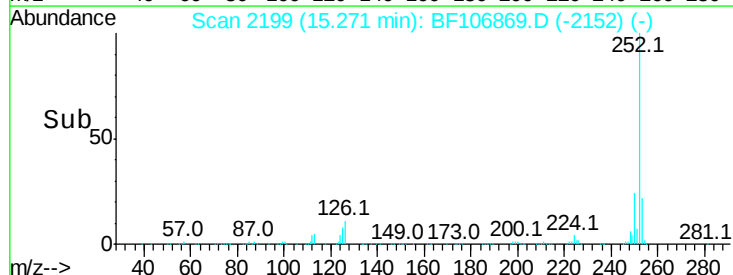
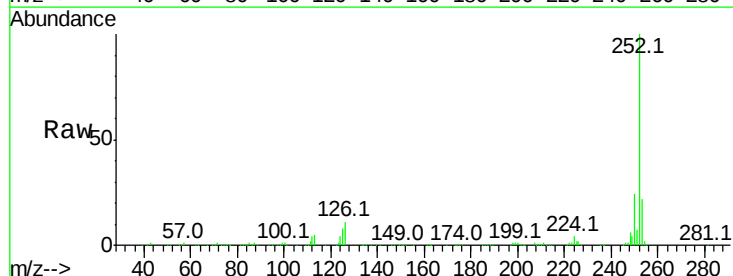
Manual Integrations
APPROVED

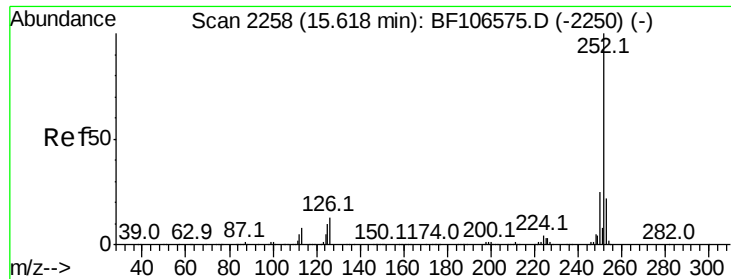
Sohil
6/28/2018 2:21:31 PM



#88
Benzo(k)fluoranthene
Concen: 34.046 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.9	10.2	15.2#





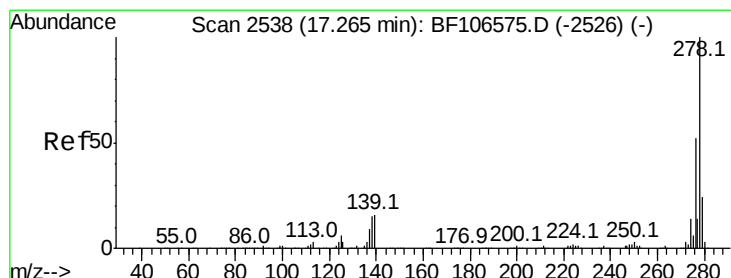
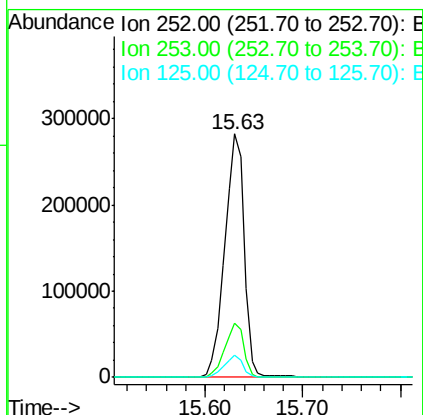
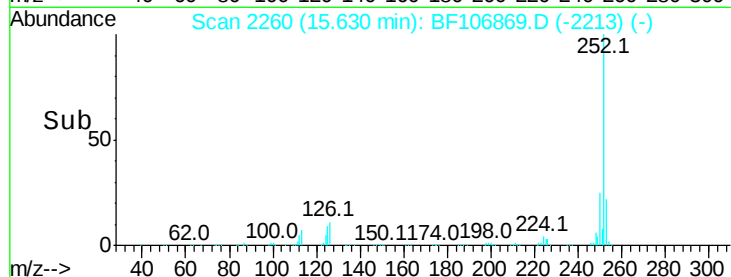
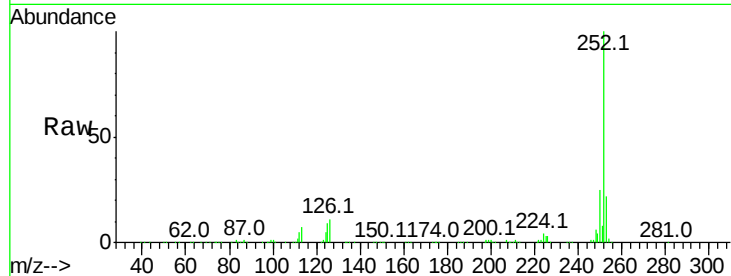
#89
Benzo(a)pyrene
Concen: 37.992 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.2	9.8	14.6

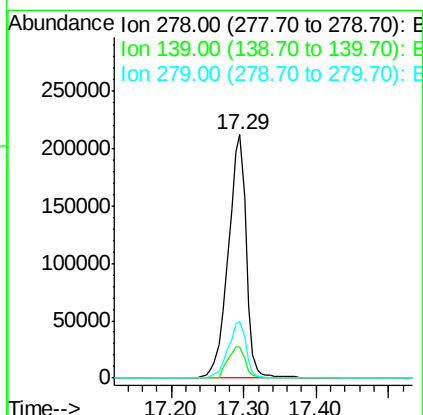
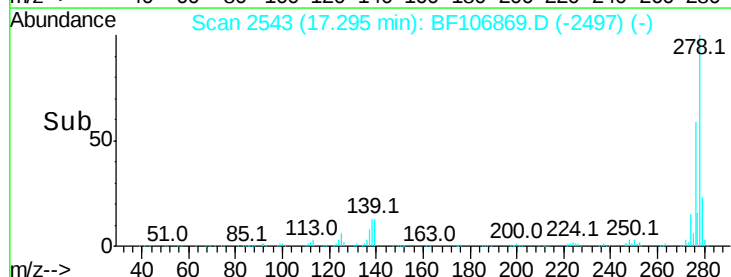
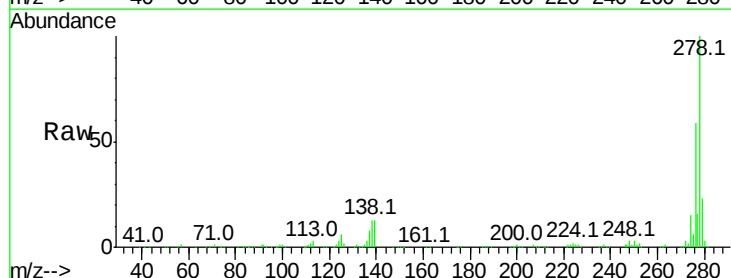
Manual Integrations
APPROVED

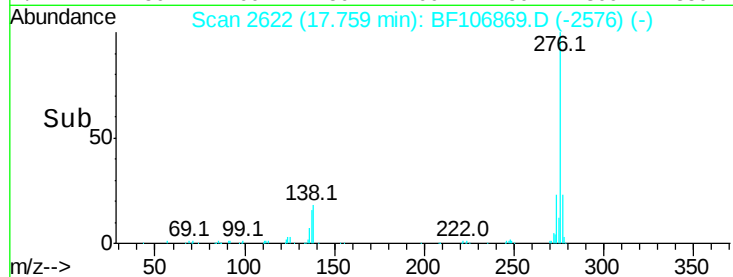
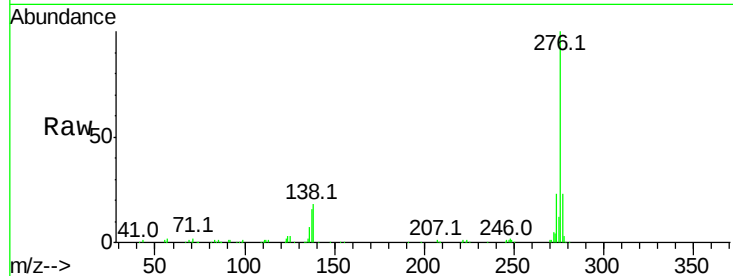
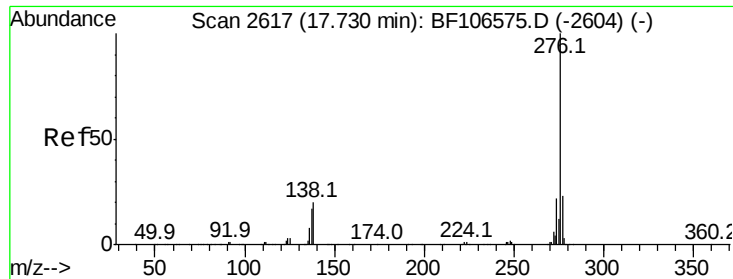
Sohil
6/28/2018 2:21:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.994 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF106869.D
Acq: 27 Jun 2018 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.412 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF106869.D

Acq: 27 Jun 2018 14:05

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion:	276	Resp:	379146
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	17.7	21.8	32.8#

Manual Integrations
APPROVED

Sohil
6/28/2018 2:21:31 PM

