

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107035.D
 Acq On : 2 Jul 2018 11:01
 Operator : JU/SJ
 Sample : J3749-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:29:40 PM

Quant Time: Jul 02 12:25:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77567	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	305929	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	153824	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	272806	20.00	ng	0.00
75) Chrysene-d12	14.16	240	206028	20.00	ng	0.00
86) Perylene-d12	15.71	264	183316	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	487709	106.47	ng	0.00
7) Phenol-d6	6.61	99	623266	108.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	397868	72.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	192781	108.13	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	713069	77.09	ng	-0.01
78) Terphenyl-d14	13.08	244	705446	82.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	49649	21.082	ng	98
3) Pyridine	3.61	79	146804	22.985	ng	98
4) n-Nitrosodimethylamine	3.56	42	67543	24.899	ng	81
6) Aniline	6.63	93	98382	12.678	ng	# 1
8) 2-Chlorophenol	6.75	128	163866	32.615	ng	99
9) Benzaldehyde	6.51	77	92140	20.764	ng	97
10) Phenol	6.63	94	214259	32.819	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	207803	38.557	ng	96
12) 1,3-Dichlorobenzene	6.90	146	185113	31.458	ng	99
13) 1,4-Dichlorobenzene	6.97	146	185100	31.113	ng	99
14) 1,2-Dichlorobenzene	7.12	146	174692	32.040	ng	99
15) Benzyl Alcohol	7.11	79	133624	29.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	218401	30.885	ng	# 43
17) 2-Methylphenol	7.22	107	136537	31.756	ng	# 89
18) Hexachloroethane	7.47	117	60119	28.736	ng	# 84
19) n-Nitroso-di-n-propylamine	7.37	70	114251	30.299	ng	95
20) 3+4-Methylphenols	7.38	107	184582	38.103	ng	95
22) Acetophenone	7.37	105	232417	33.957	ng	97
24) Nitrobenzene	7.54	77	179868	32.003	ng	98
25) Isophorone	7.78	82	310512	32.010	ng	99
26) 2-Nitrophenol	7.86	139	93609	35.282	ng	93
27) 2,4-Dimethylphenol	7.90	122	152295	37.137	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	205108	31.491	ng	98
29) 2,4-Dichlorophenol	8.11	162	155099	36.125	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	164199	34.717	ng	97
31) Naphthalene	8.27	128	489508	34.224	ng	100
33) 4-Chloroaniline	8.32	127	122713	20.447	ng	98
34) Hexachlorobutadiene	8.37	225	107143	34.766	ng	97
35) Caprolactam	8.69	113	46098	32.939	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	152157	33.670	ng	98
37) 2-Methylnaphthalene	8.95	142	356212	37.573	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	182583	35.246	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	108800	31.596	ng	93
43) 2,4,5-Trichlorophenol	9.29	196	111530	31.040	ng	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107035.D
 Acq On : 2 Jul 2018 11:01
 Operator : JU/SJ
 Sample : J3749-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

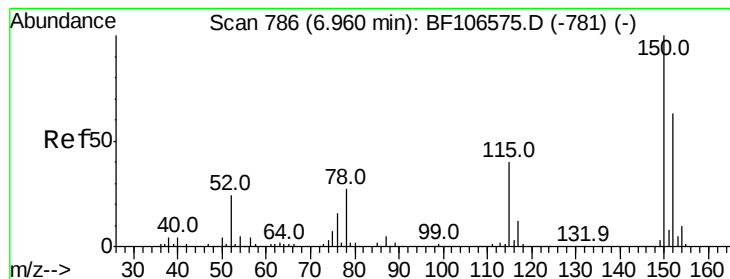
Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:29:40 PM

Quant Time: Jul 02 12:25:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.42	154	417019	34.017	nq	97
46) 2-Chloronaphthalene	9.45	162	300663	31.158	nq	95
47) 2-Nitroaniline	9.55	65	96161	29.635	nq	96
48) Acenaphthylene	9.87	152	497022	32.624	nq	99
49) Dimethylphthalate	9.71	163	502000	43.512	nq	98
50) 2,6-Dinitrotoluene	9.79	165	81917	33.531	nq	# 84
51) Acenaphthene	10.04	154	304735	31.765	nq	98
52) 3-Nitroaniline	9.96	138	64224	22.845	nq	99
53) 2,4-Dinitrophenol	10.08	184	5618	9.480	nq	# 23
54) Dibenzofuran	10.21	168	445995	33.951	nq	96
55) 4-Nitrophenol	10.14	139	80609	41.079	nq	98
56) 2,4-Dinitrotoluene	10.20	165	102000	31.987	nq	89
57) Fluorene	10.55	166	361111	34.641	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	93145	32.611	nq	# 77
59) Diethylphthalate	10.41	149	333208	29.924	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	175667	32.207	nq	# 86
61) 4-Nitroaniline	10.58	138	69192	24.800	nq	94
62) Azobenzene	10.70	77	294598	26.866	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	25554	15.154	nq	# 70
65) n-Nitrosodiphenylamine	10.66	169	290139	31.620	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	116899	35.905	nq	# 78
67) Hexachlorobenzene	11.10	284	113745	33.379	nq	# 86
68) Atrazine	11.18	200	97332	33.367	nq	97
69) Pentachlorophenol	11.31	266	64311	37.824	nq	99
70) Phenanthrene	11.52	178	812084	61.718	nq	99
71) Anthracene	11.58	178	584793	43.542	nq	100
72) Carbazole	11.73	167	391926	31.169	nq	98
73) Di-n-butylphthalate	12.04	149	452014	30.514	nq	100
74) Fluoranthene	12.72	202	1156669	79.755	nq	95
76) Benzidine	12.84	184	25675	4.376	nq	# 91
77) Pyrene	12.95	202	1118741	82.344	nq	97
79) Butylbenzylphthalate	13.55	149	161206	28.859	nq	# 89
80) Benzo(a)anthracene	14.15	228	840554	66.940	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	93877	21.272	nq	# 96
82) Chrysene	14.19	228	750603	64.975	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	229338	32.114	nq	# 96
84) Di-n-octyl phthalate	14.74	149	361864	31.086	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.32	276	449800	45.882	nq	# 87
87) Benzo(b)fluoranthene	15.25	252	827654	72.681	nq	95
88) Benzo(k)fluoranthene	15.28	252	494738	45.622	nq	# 96
89) Benzo(a)pyrene	15.65	252	655083m	64.711	nq	
90) Dibenzo(a,h)anthracene	17.32	278	275363	32.096	nq	# 92
91) Benzo(g,h,i)perylene	17.81	276	407960	48.650	nq	# 88

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



#1

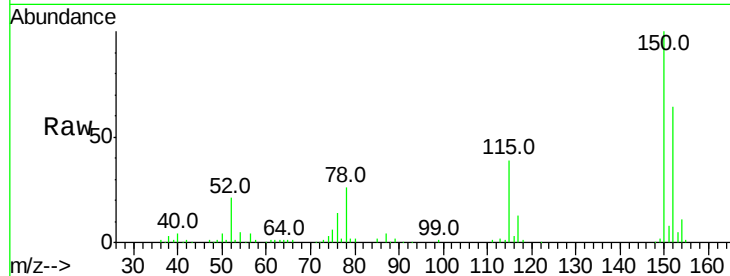
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

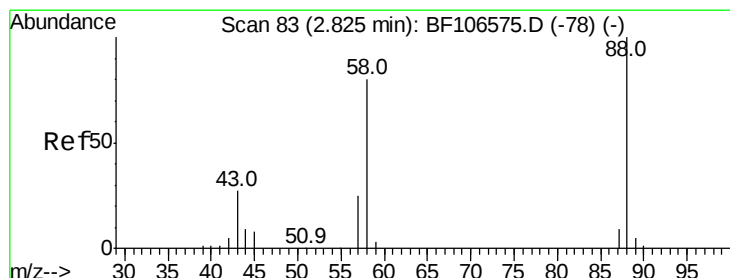
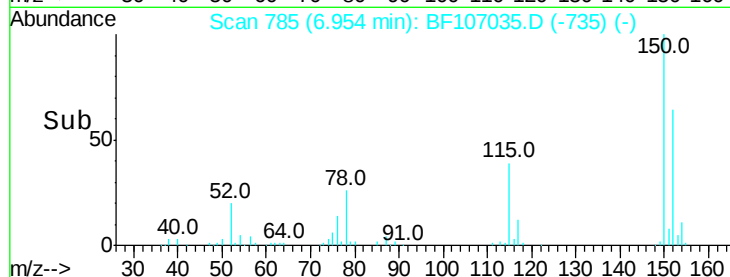
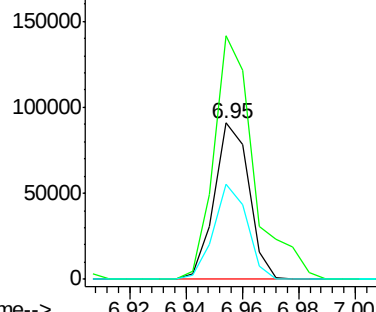
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



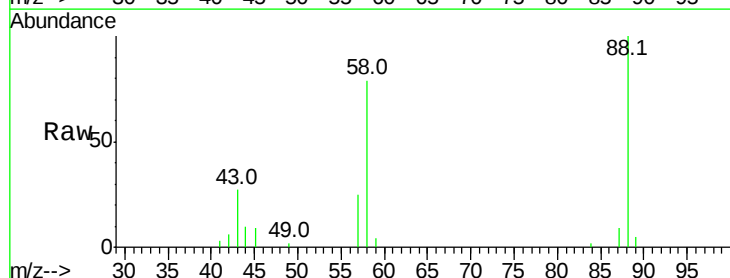
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



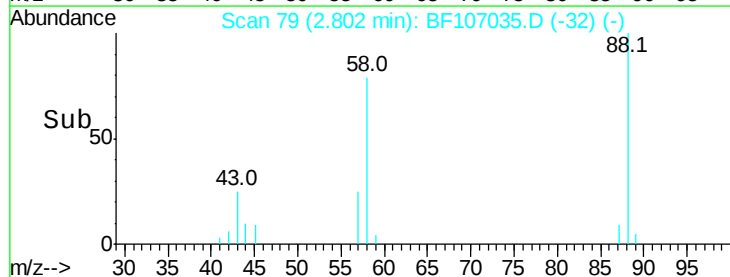
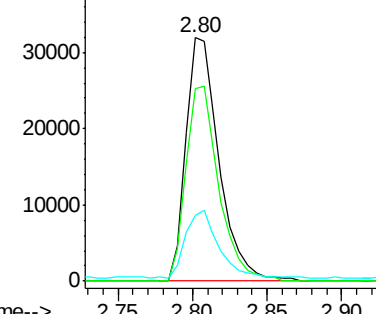
#2

1,4-Dioxane
Concen: 21.082 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	62.6	93.8
43	28.7	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: 22.985 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

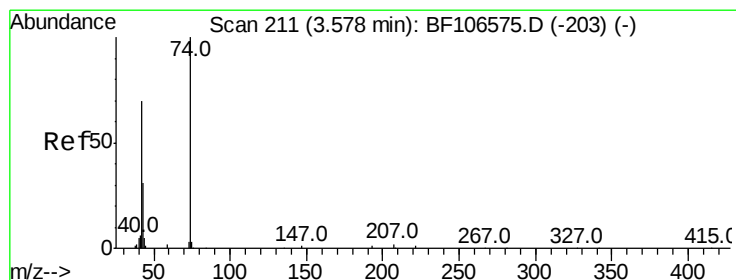
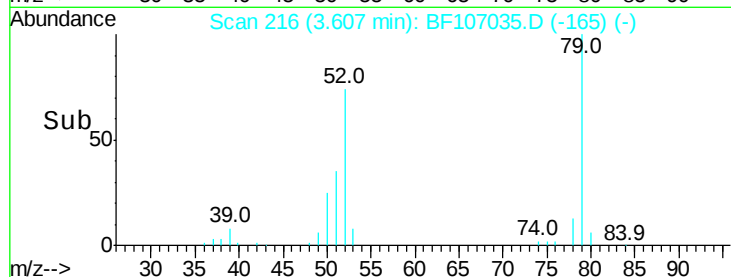
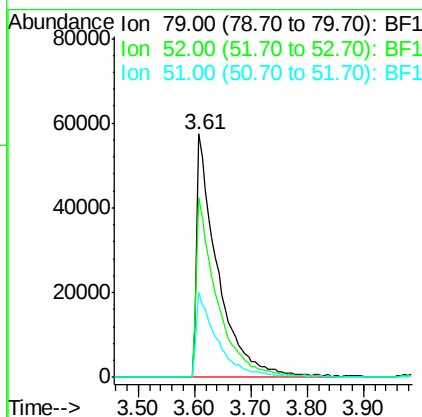
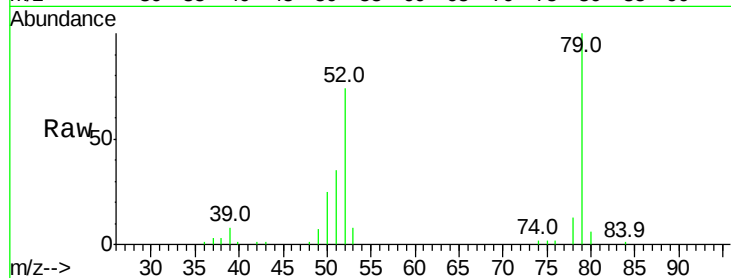
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		146804		
52	73.8		59.8	89.6	
51	35.1		29.8	44.8	

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#4

n-Nitrosodimethylamine

Concen: 24.899 ng

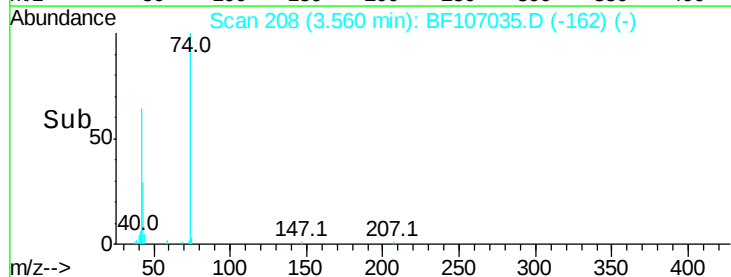
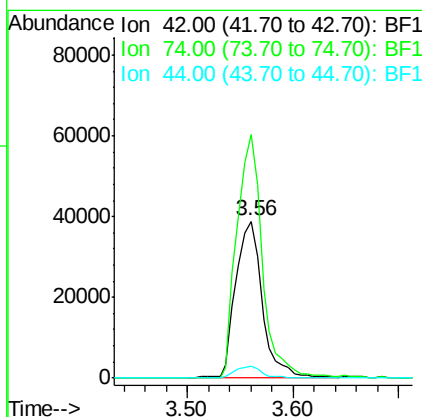
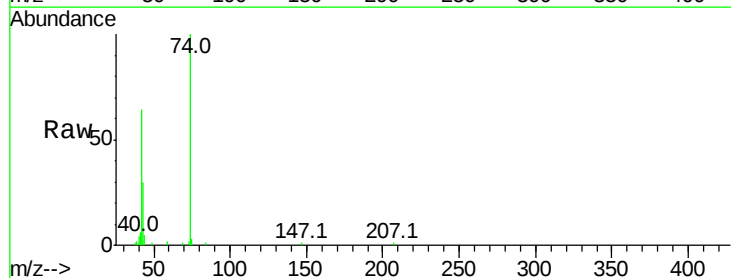
RT: 3.56 min Scan# 208

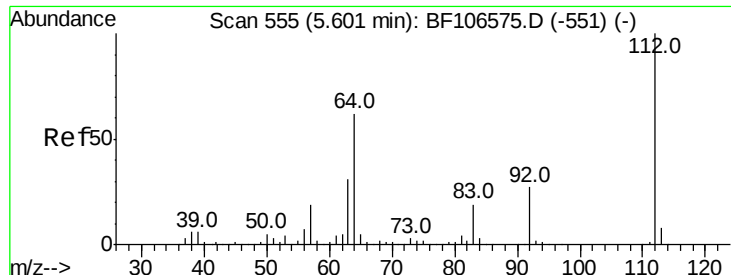
Delta R.T. -0.03 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		67543		
74	155.1		104.9	157.3	
44	7.7		6.9	10.3	





#5

2-Fluorophenol

Concen: 106.469 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

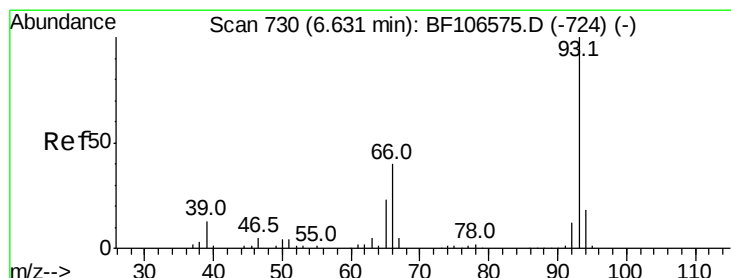
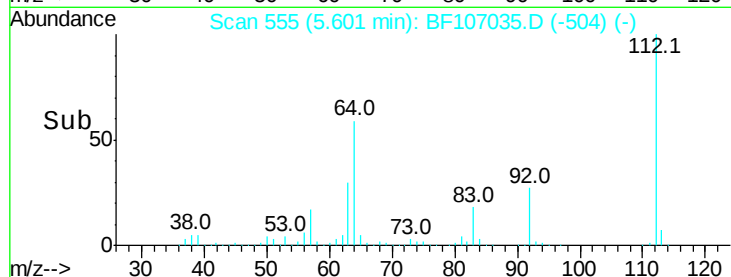
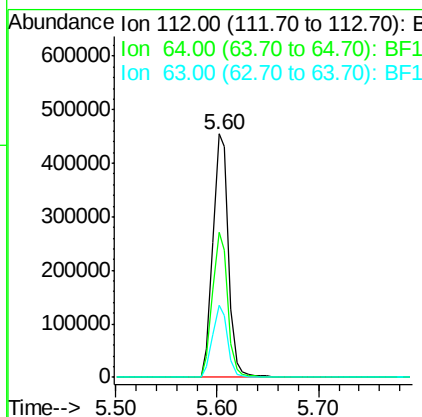
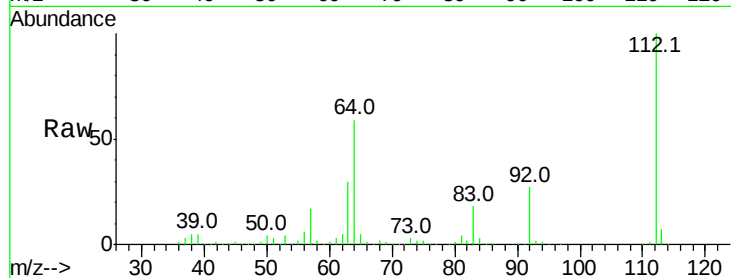
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	112	Resp:	487709
Ion Ratio	Lower	Upper	
112	100		
64	59.4	47.9	71.9
63	29.7	23.7	35.5

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#6

Aniline

Concen: 12.678 ng

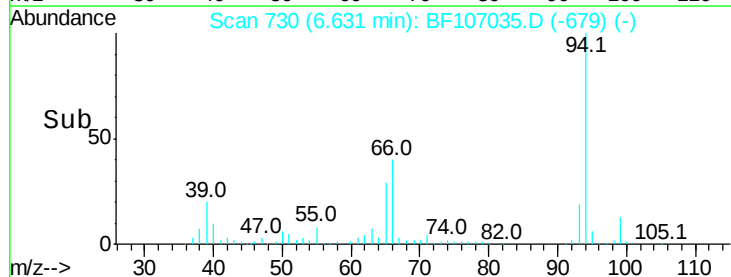
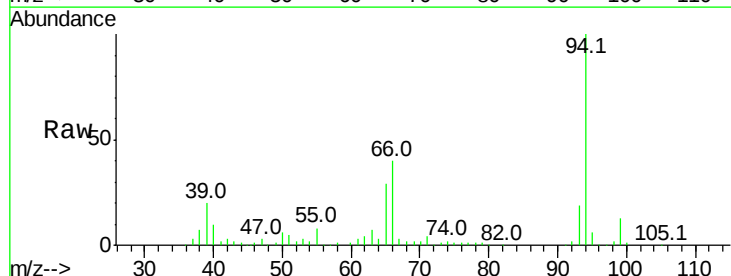
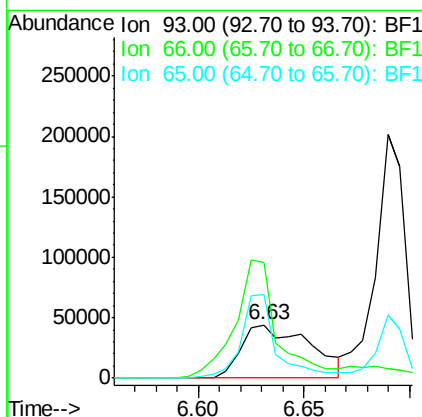
RT: 6.63 min Scan# 730

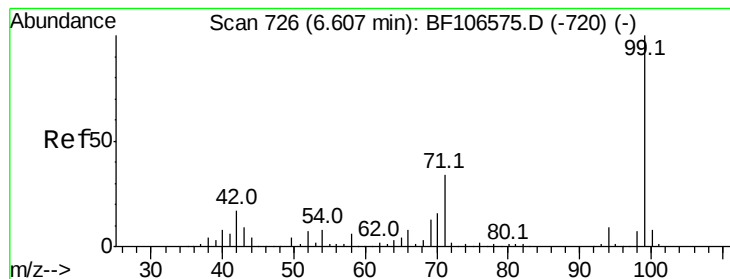
Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	93	Resp:	98382
Ion Ratio	Lower	Upper	
93	100		
66	216.7	32.2	48.2#
65	155.7	16.4	24.6#





#7

Phenol-d6

Concen: 108.953 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

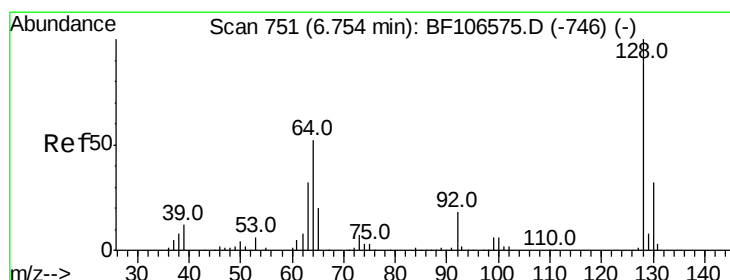
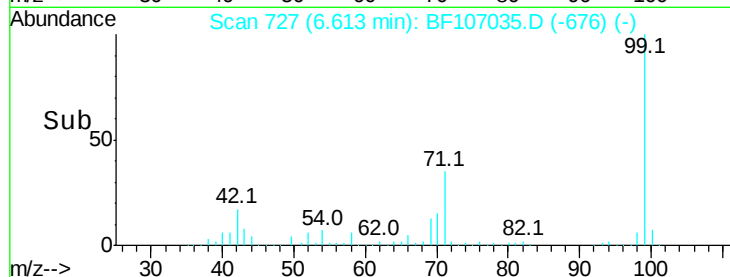
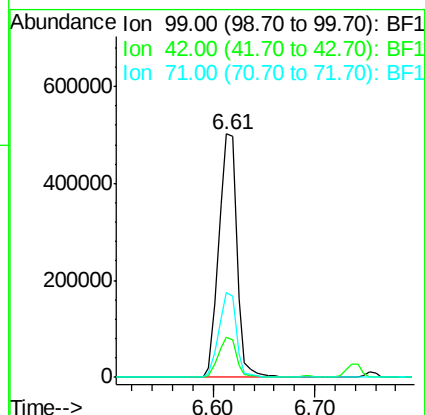
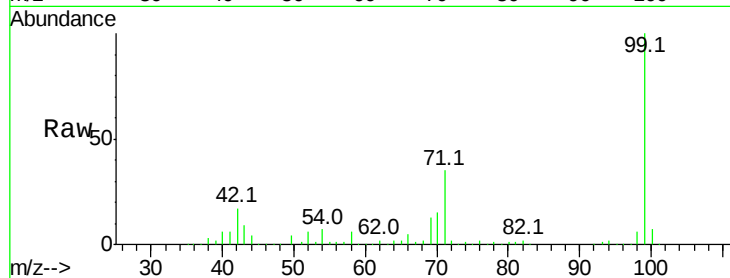
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	99	Resp:	623266
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	34.6	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#8

2-Chlorophenol

Concen: 32.615 ng

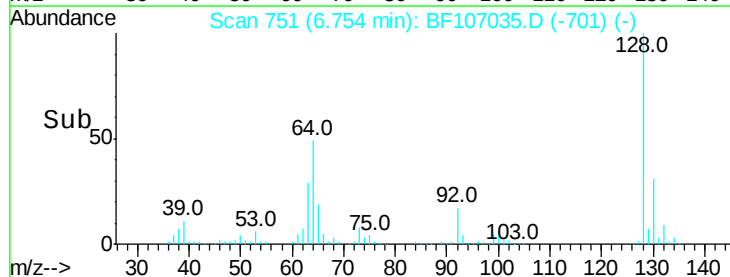
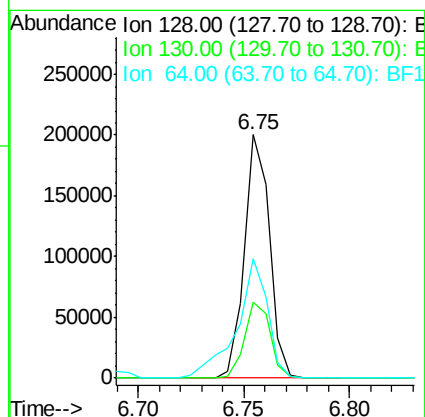
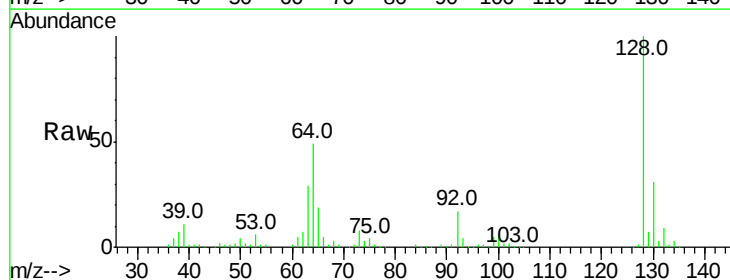
RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	128	Resp:	163866
Ion Ratio	Lower	Upper	
128	100		
130	31.3	13.0	53.0
64	49.3	29.4	69.4





#9

Benzaldehyde

Concen: 20.764 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

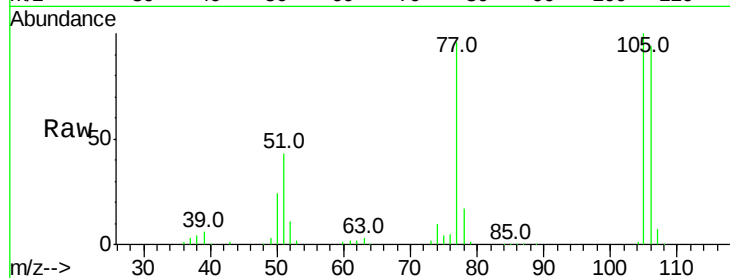
ClientSampleId :

ZER-SB-01-03-04-0-11MS

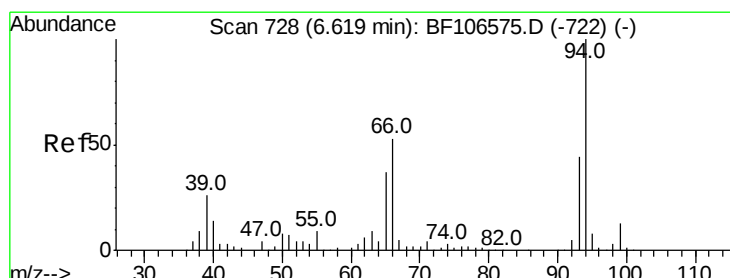
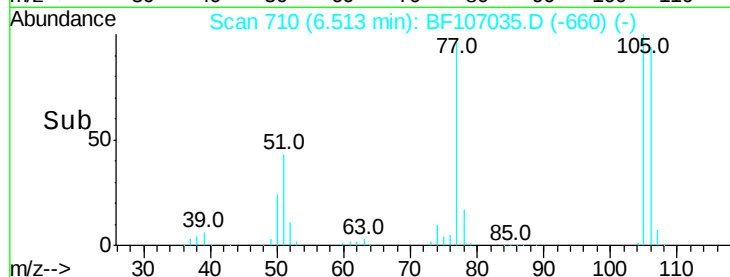
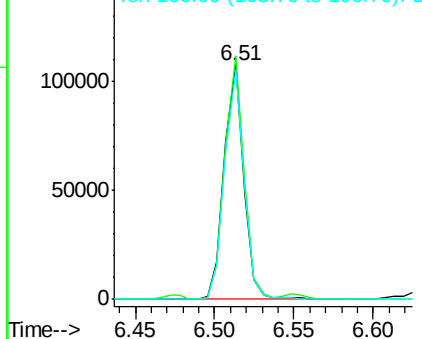
Tot Ion:	77	Resp:	92140
Ion	Ratio	Lower	Upper
77	100		
105	104.0	81.1	121.1
106	98.1	74.5	114.5

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 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: 32.819 ng

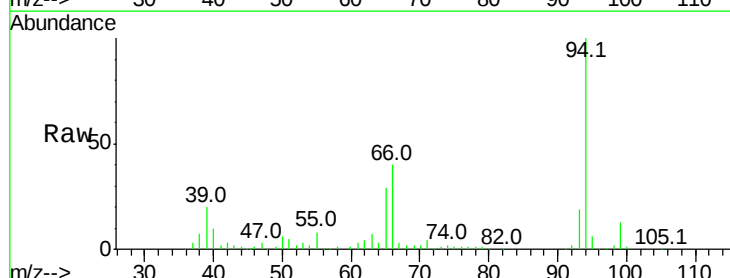
RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

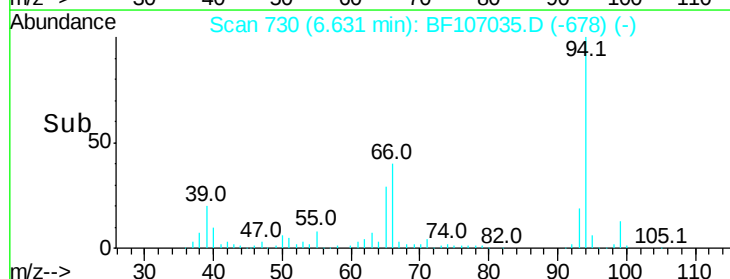
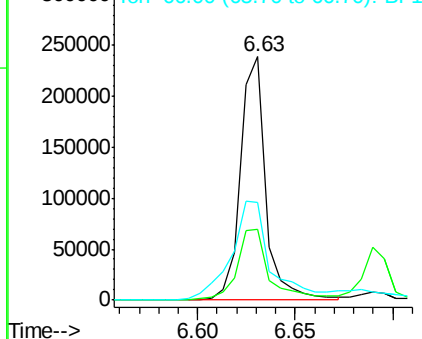
Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	94	Resp:	214259
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	40.1	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





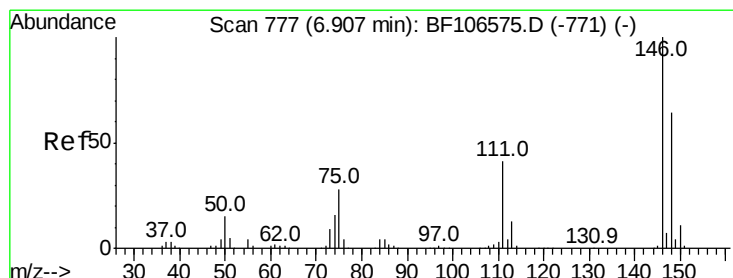
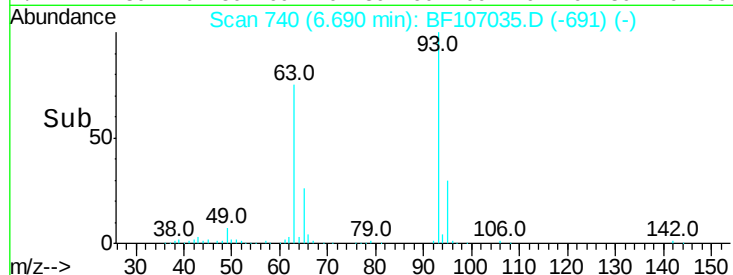
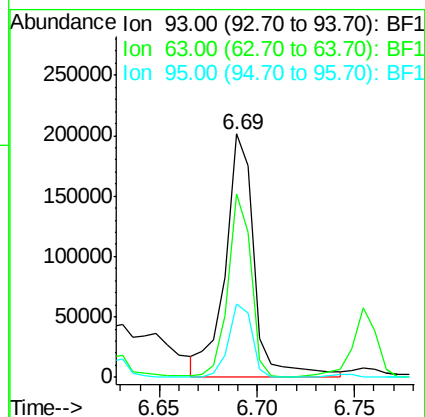
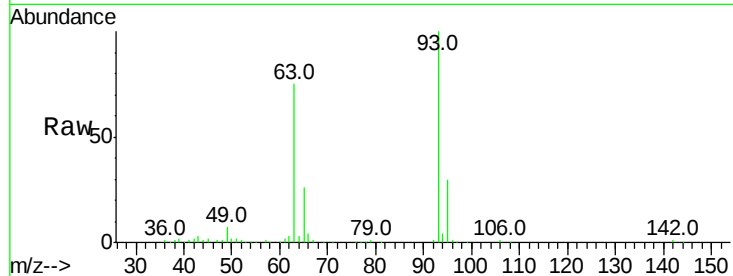
#11
bis(2-Chloroethyl)ether
Concen: 38.557 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.6	98.6
95	30.0	11.8	51.8

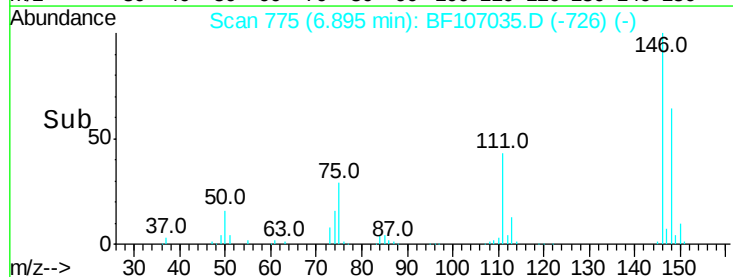
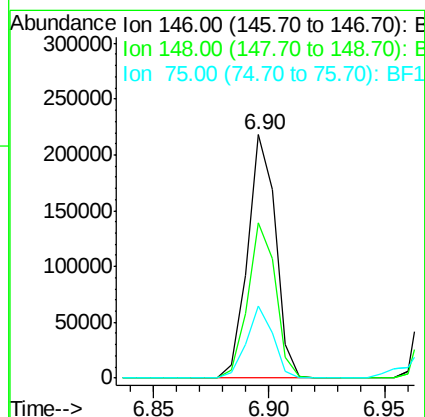
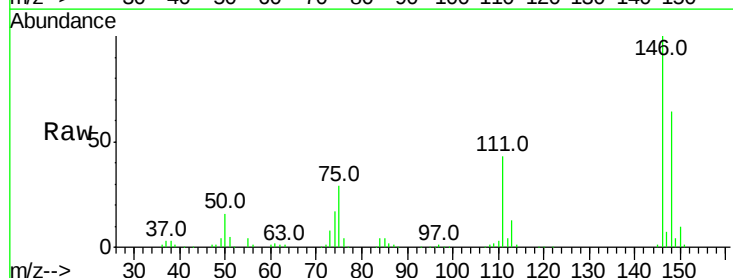
Manual Integrations
APPROVED

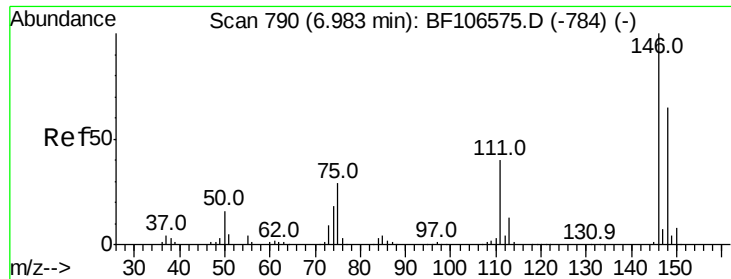
Sohil
7/3/2018 5:29:40 PM



#12
1,3-Dichlorobenzene
Concen: 31.458 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	29.4	24.2	36.4





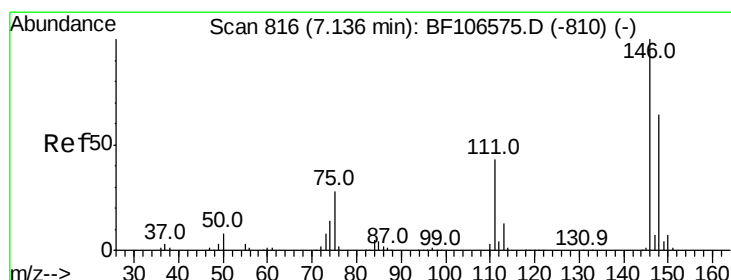
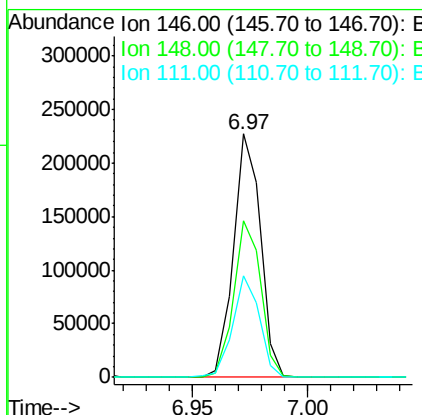
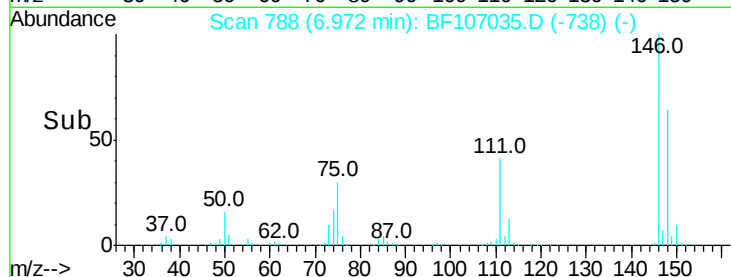
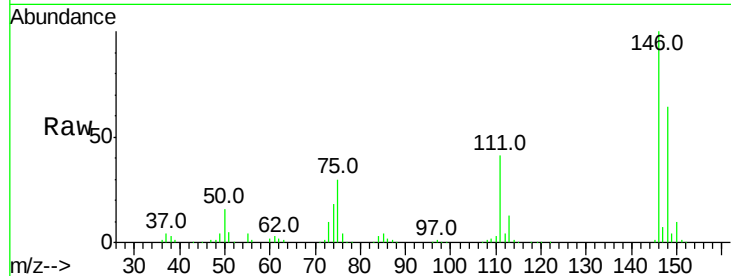
#13
 1,4-Dichlorobenzene
 Concen: 31.113 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.5	34.2	51.2

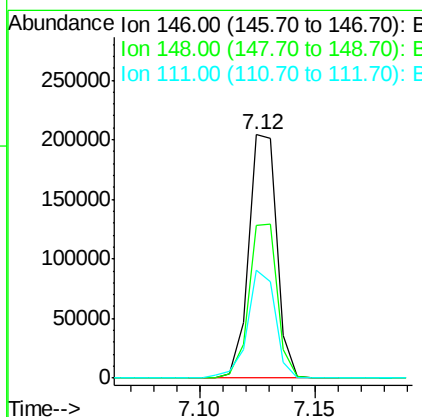
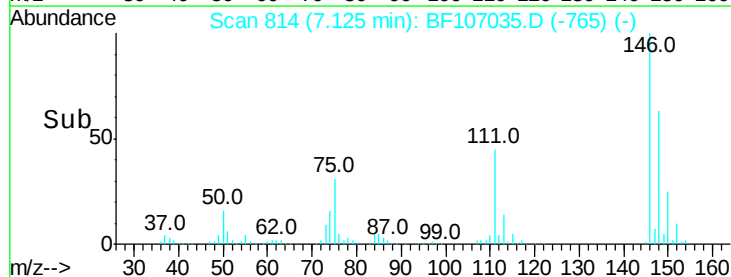
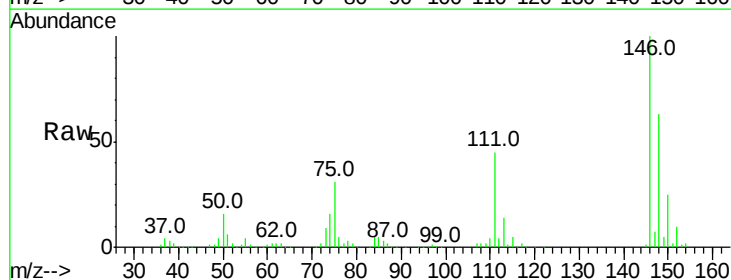
Manual Integrations
 APPROVED

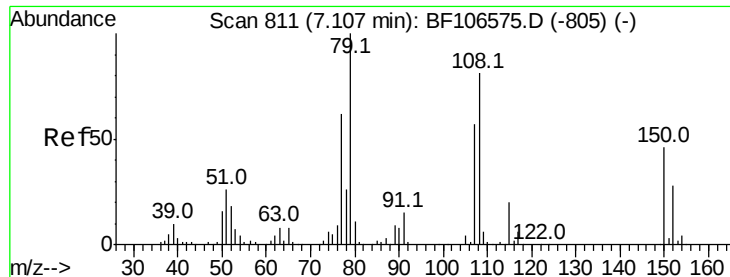
Sohil
 7/3/2018 5:29:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.040 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	44.6	36.0	54.0





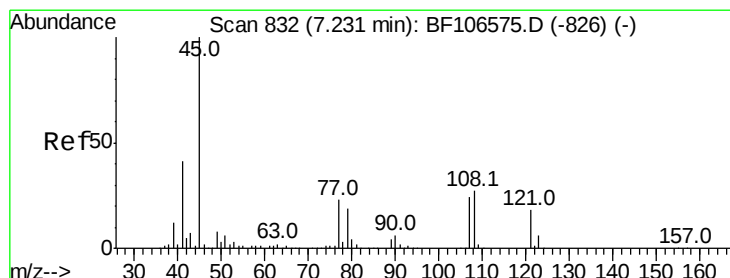
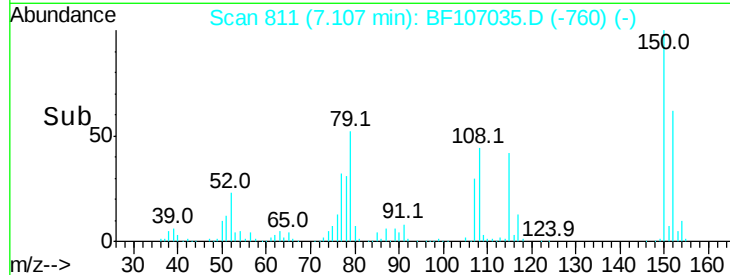
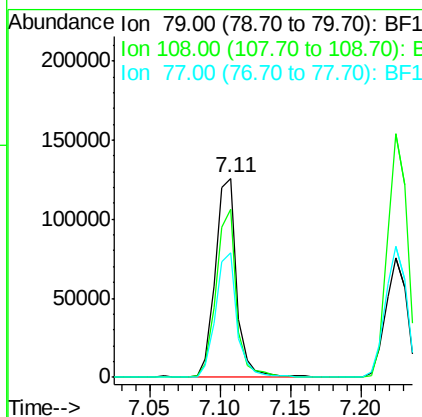
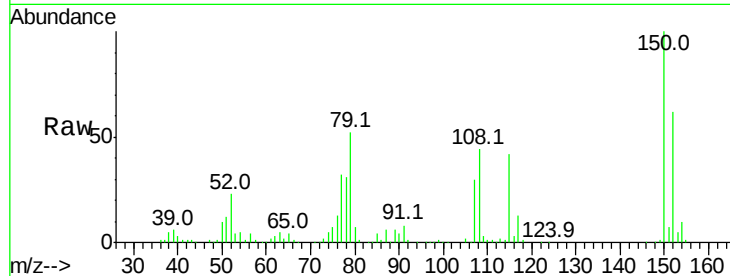
#15
Benzyl Alcohol
Concen: 29.091 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.3	65.1	97.7
77	62.6	50.6	75.8

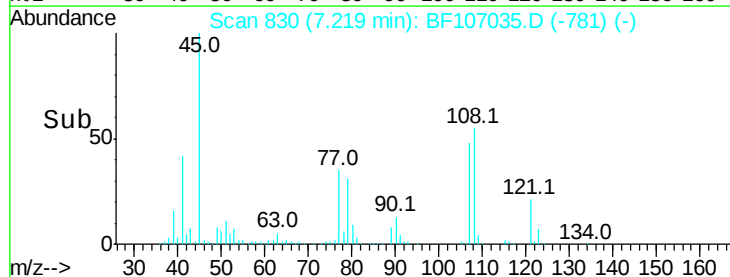
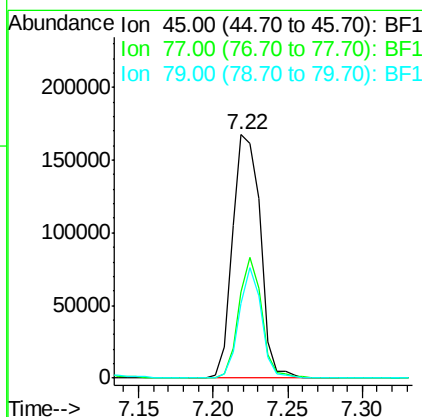
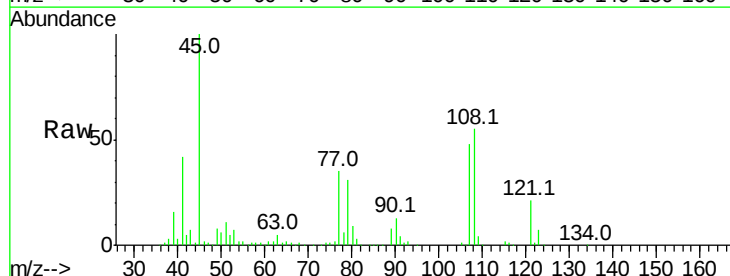
Manual Integrations
APPROVED

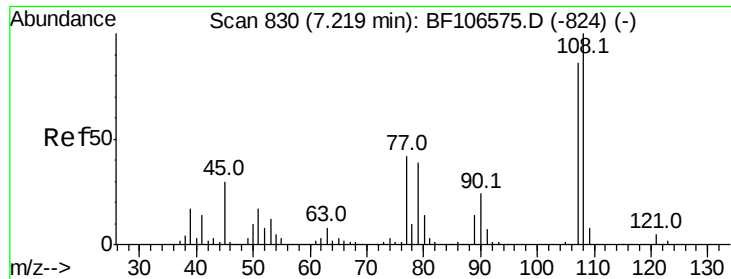
Sohil
7/3/2018 5:29:40 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.885 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.5	0.0	32.9#
79	30.6	0.0	29.6#





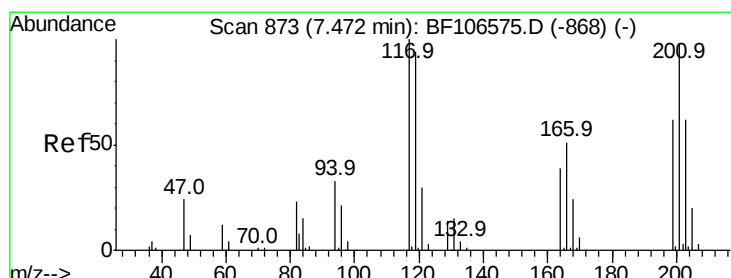
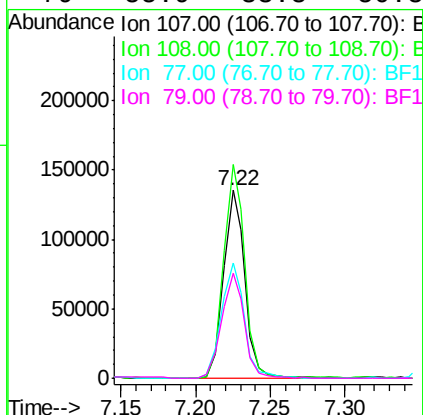
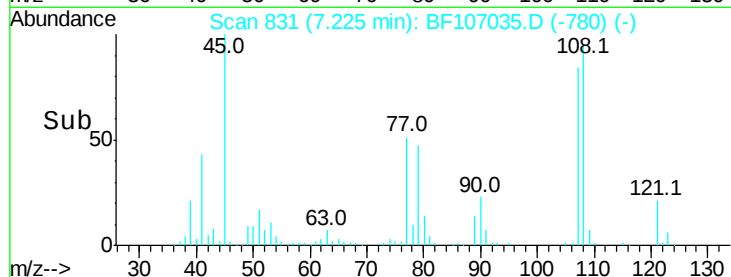
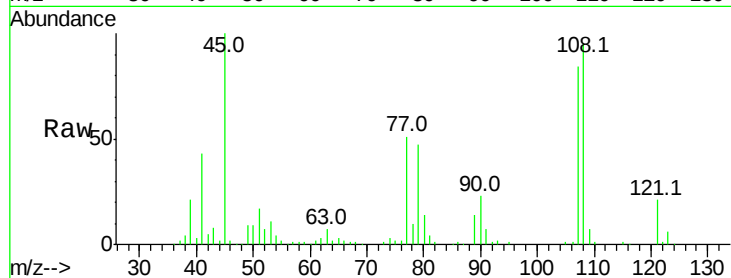
#17
2-Methylphenol
Concen: 31.756 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	61.2	33.8	50.8#
79	55.9	33.8	50.8#

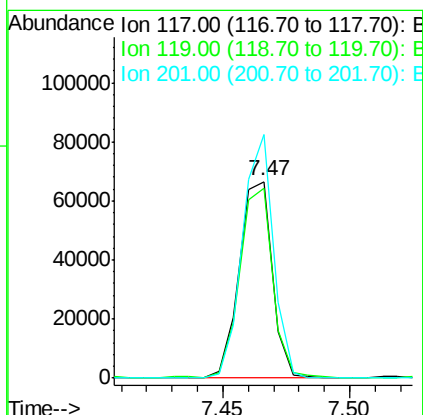
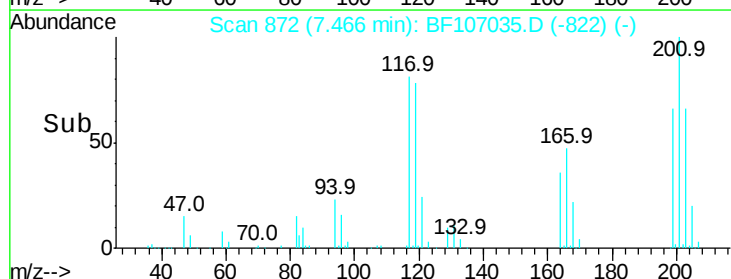
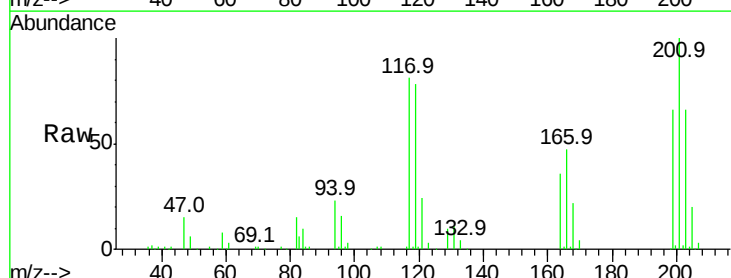
Manual Integrations
APPROVED

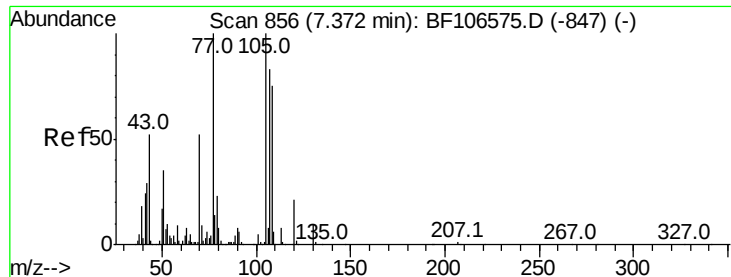
Sohil
7/3/2018 5:29:40 PM



#18
Hexachloroethane
Concen: 28.736 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	124.0	75.7	113.5#





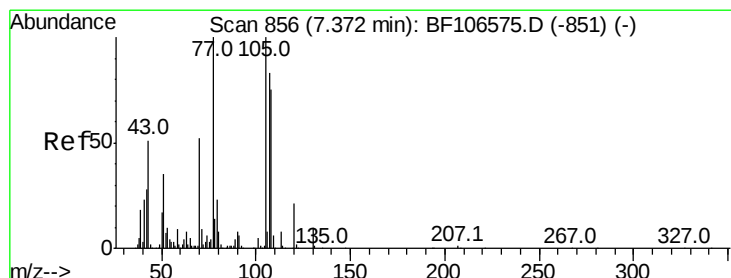
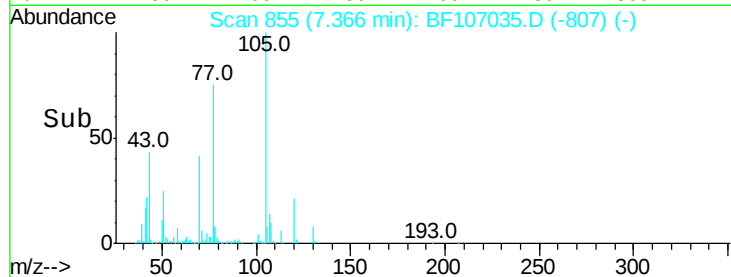
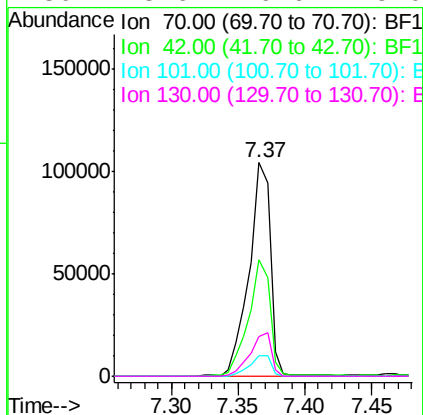
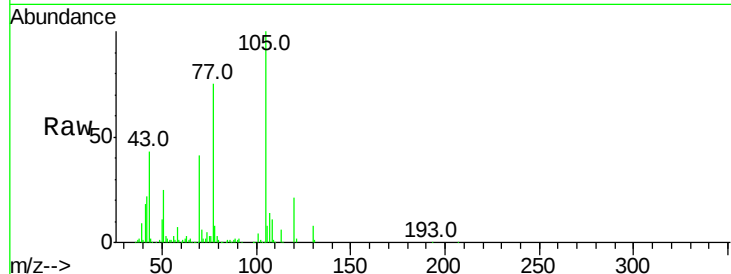
#19
n-Nitroso-di-n-propylamine
Concen: 30.299 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	70	Resp	114251
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	9.6	7.4	11.2
130	18.6	16.6	25.0

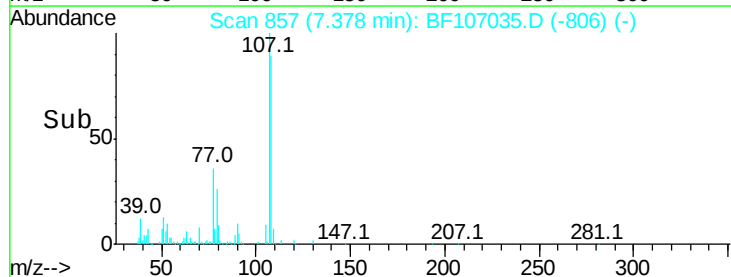
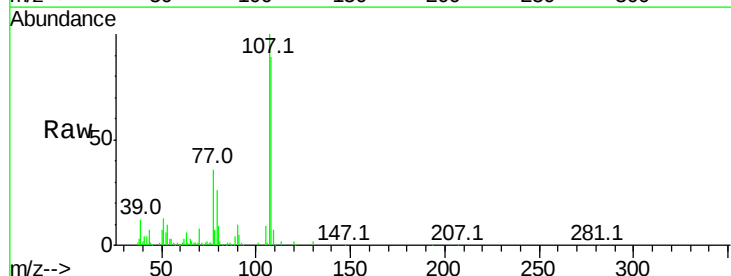
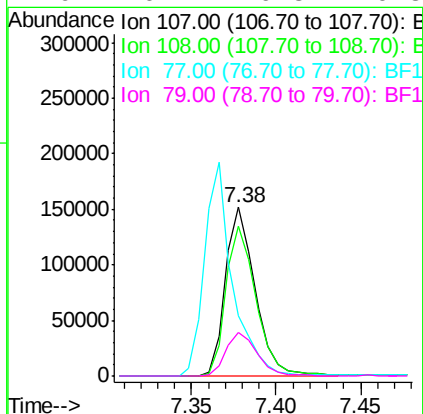
Manual Integrations
APPROVED

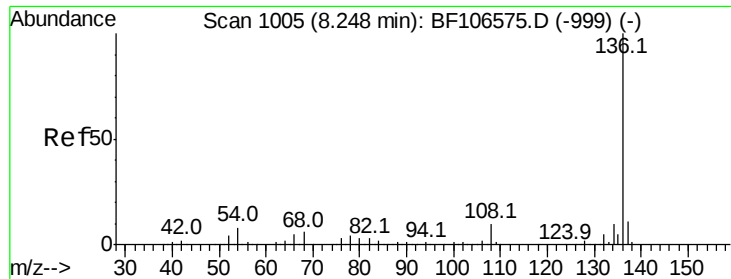
Sohil
7/3/2018 5:29:40 PM



#20
3+4-Methylphenols
Concen: 38.103 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	107	Resp	184582
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	35.5	26.7	66.7
79	26.2	6.3	46.3





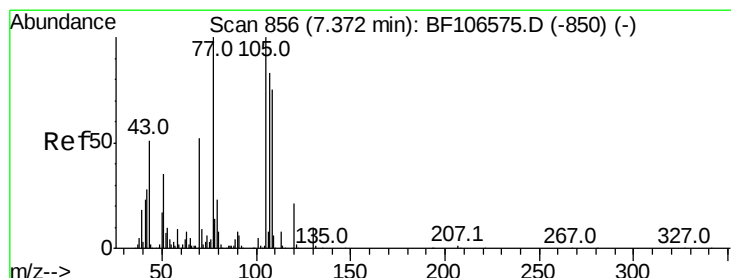
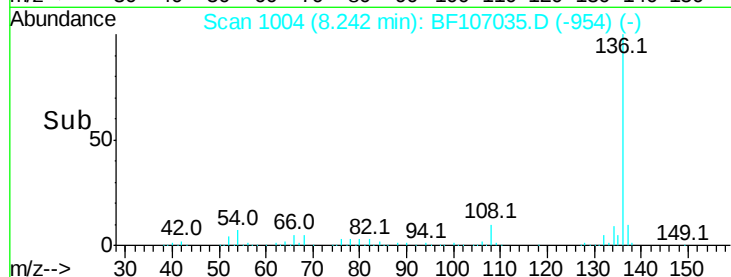
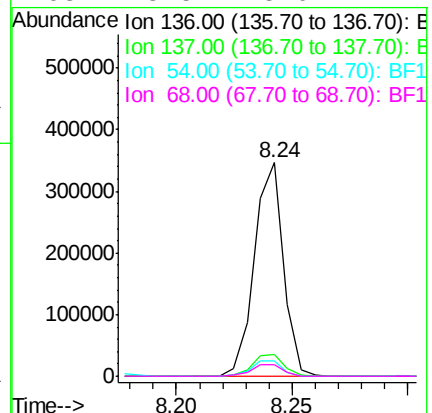
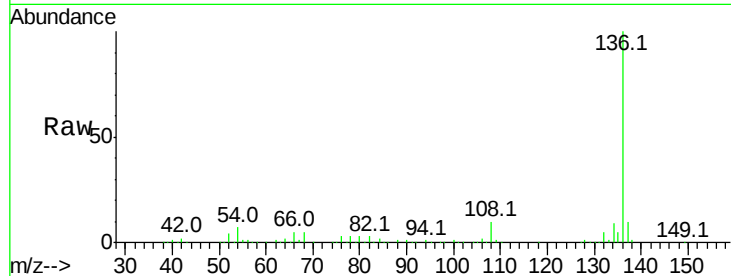
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	305929		
137	10.5		8.9	13.3
54	7.1		6.6	9.8
68	5.5		5.0	7.4

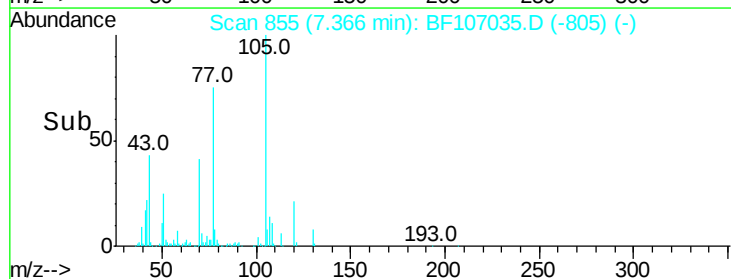
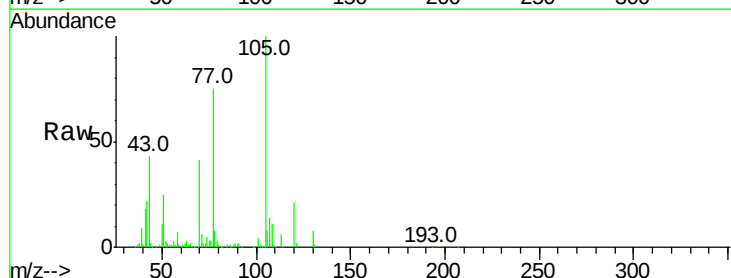
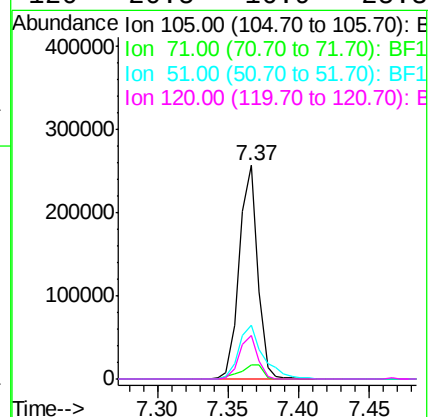
Manual Integrations
APPROVED

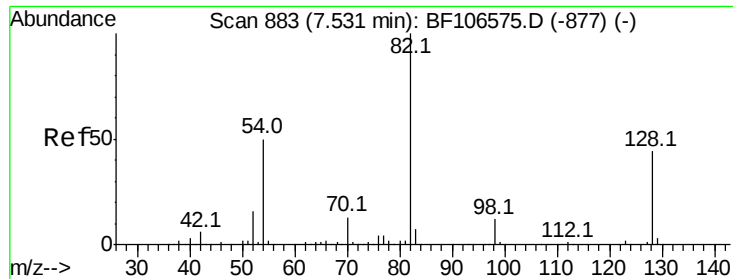
Sohil
7/3/2018 5:29:40 PM



#22
Acetophenone
Concen: 33.957 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232417		
71	6.5		4.4	6.6
51	25.3		22.3	33.5
120	20.5		16.9	25.3





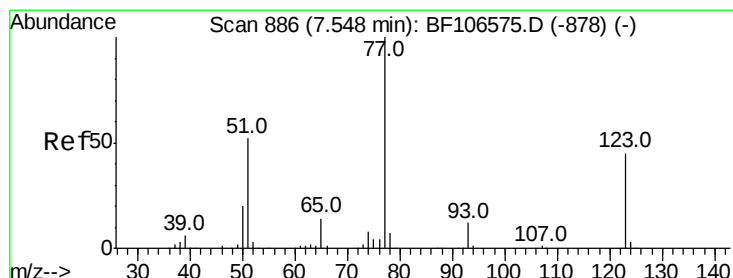
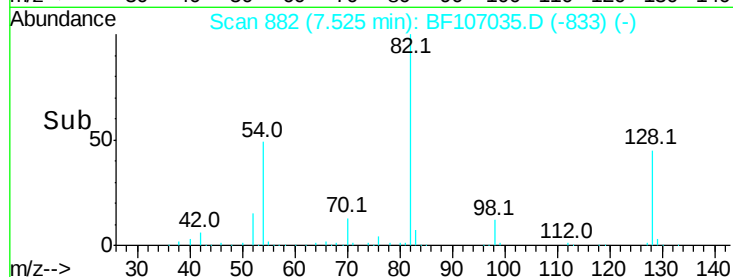
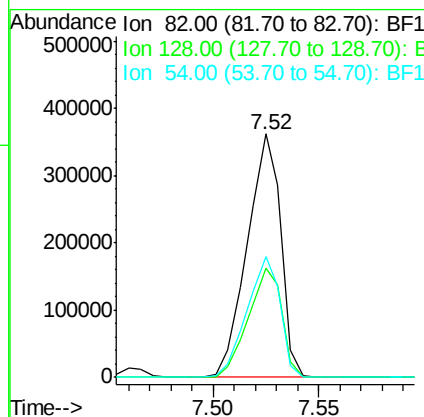
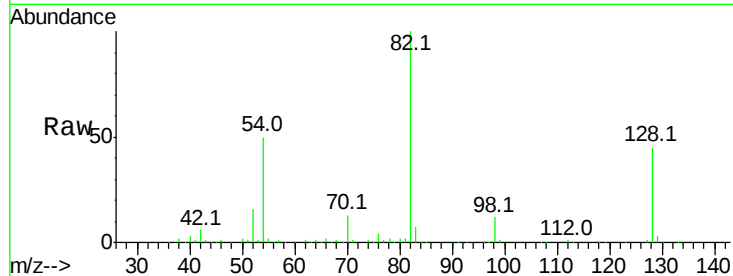
#23
Nitrobenzene-d5
Concen: 72.275 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	36.1	54.1	
54	49.7	41.4	62.2	

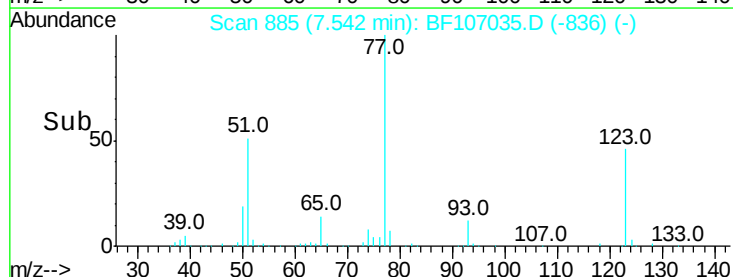
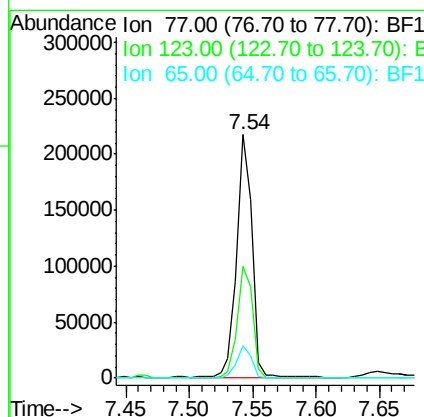
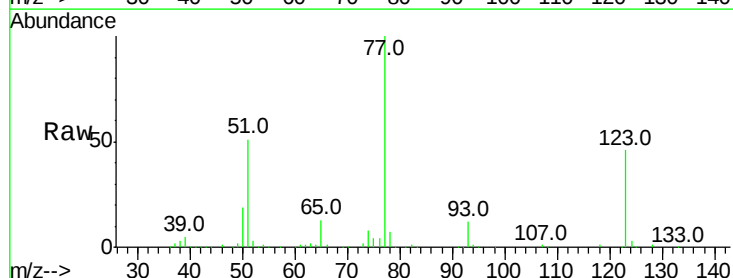
Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#24
Nitrobenzene
Concen: 32.003 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.8	37.9	56.9	
65	13.4	11.0	16.4	





#25

Isophorone

Concen: 32.010 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

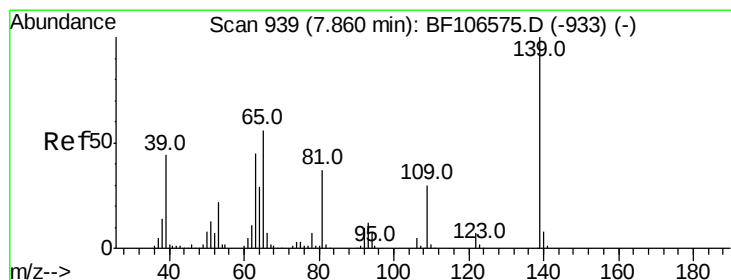
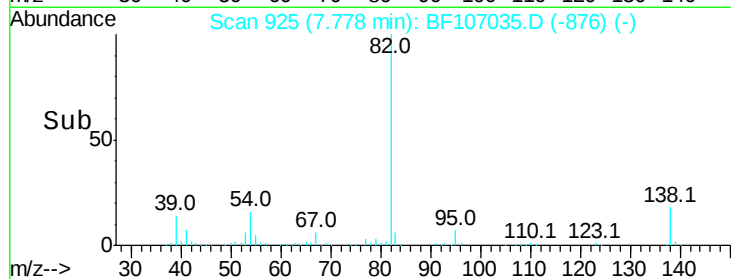
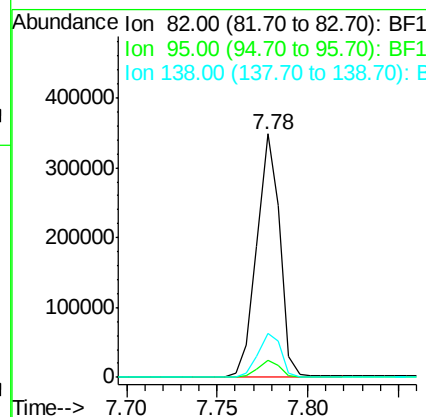
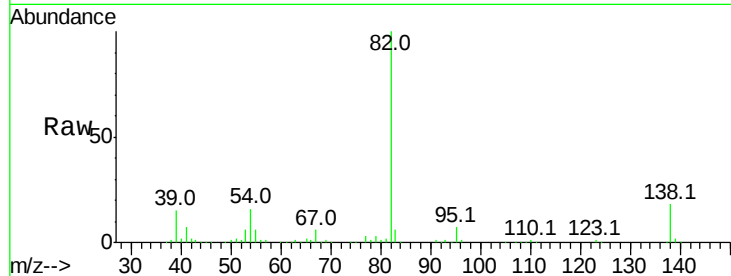
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	82	Resp:	310512
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.9	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#26

2-Nitrophenol

Concen: 35.282 ng

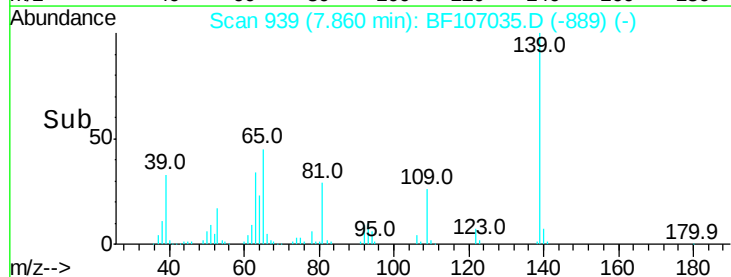
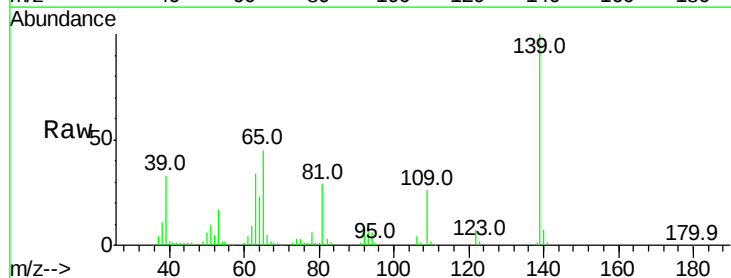
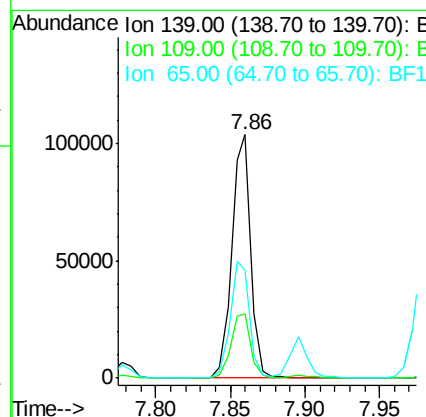
RT: 7.86 min Scan# 939

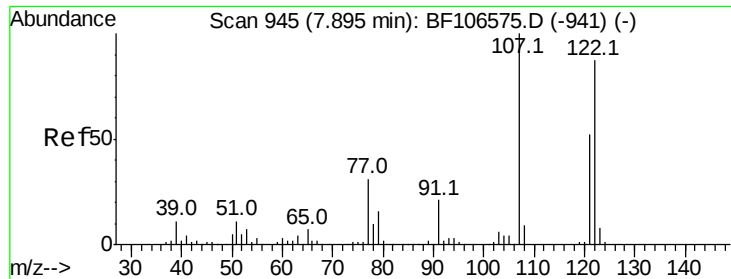
Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	139	Resp:	93609
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	44.6	40.5	60.7





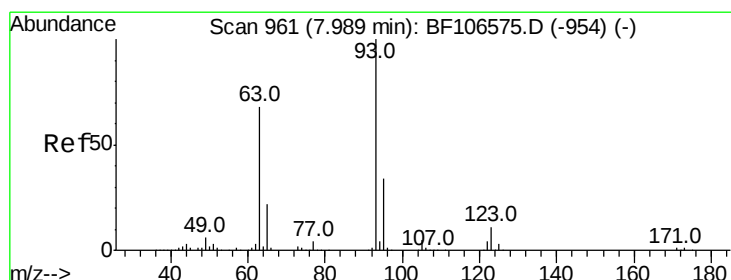
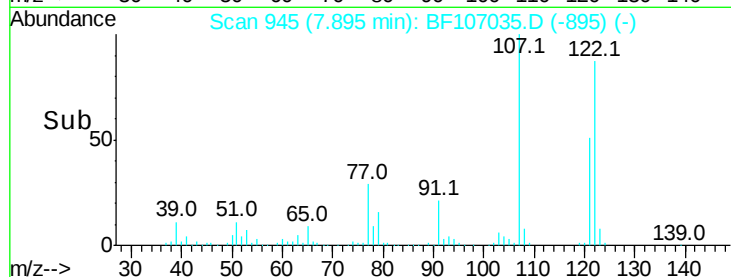
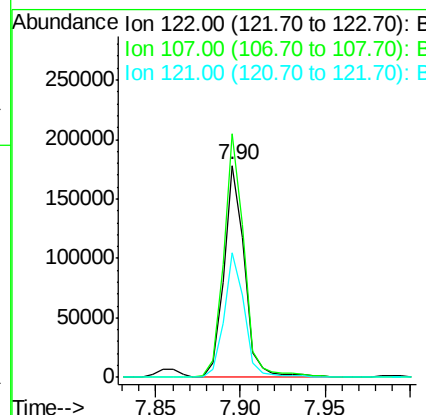
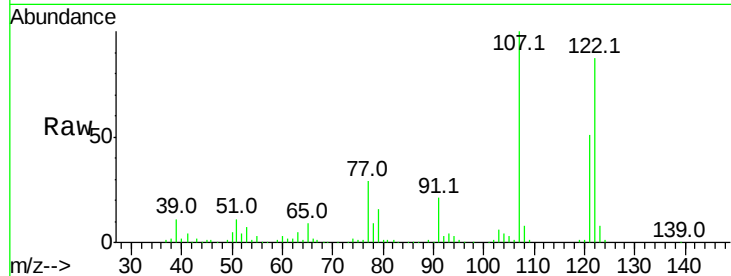
#27
2,4-Dimethylphenol
Concen: 37.137 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	152295		
107	114.9	91.2	136.8	
121	58.8	47.2	70.8	

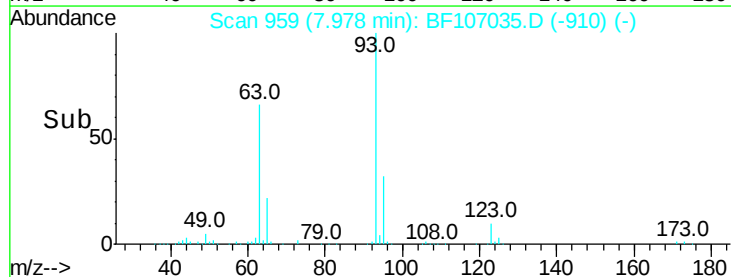
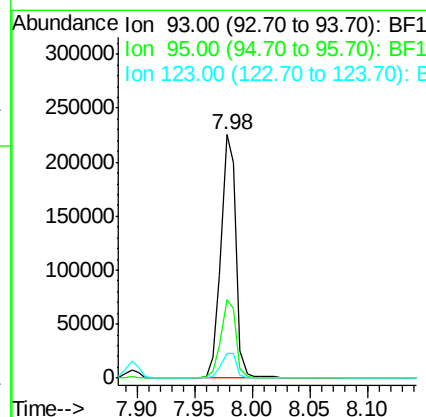
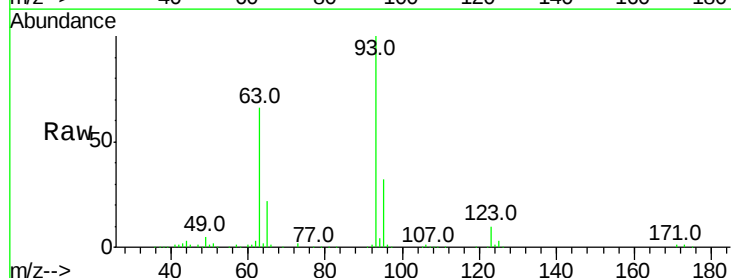
Manual Integrations
APPROVED

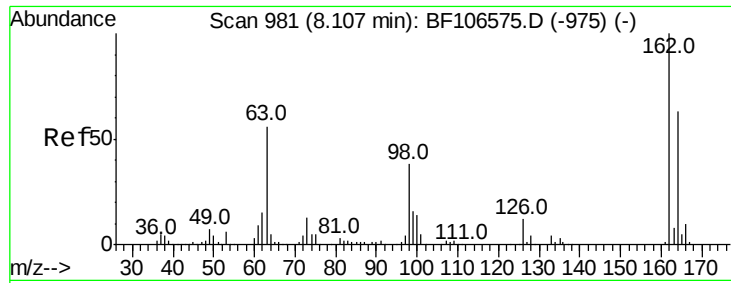
Sohil
7/3/2018 5:29:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 31.491 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	205108		
95	32.5	26.3	39.5	
123	10.3	9.8	14.6	





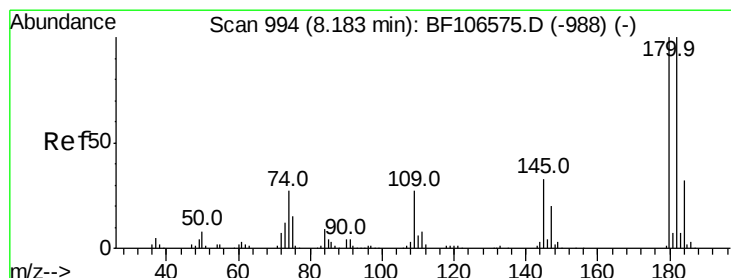
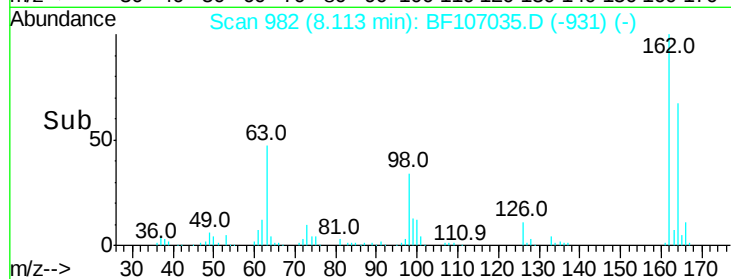
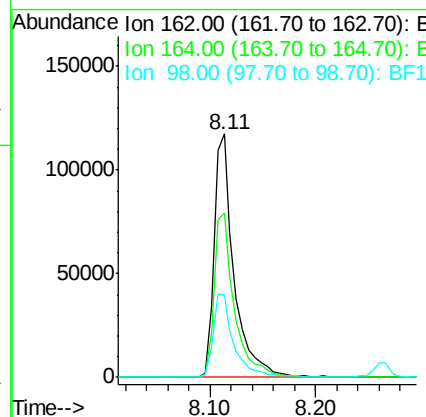
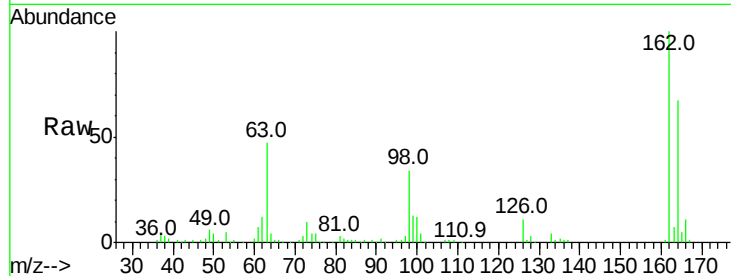
#29
2,4-Dichlorophenol
Concen: 36.125 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	155099		
164	67.2	42.7	82.7	
98	34.0	18.1	58.1	

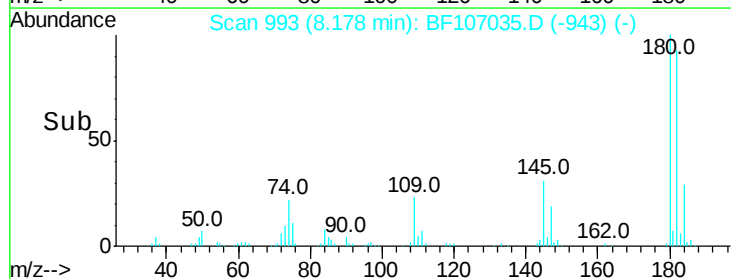
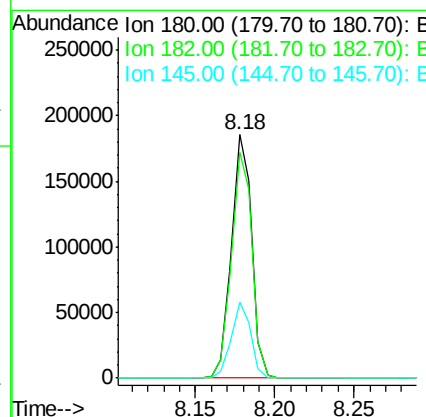
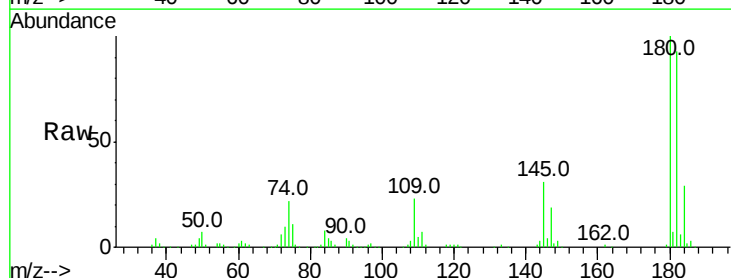
Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.717 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164199		
182	92.7	76.8	115.2	
145	31.0	26.5	39.7	





#31

Naphthalene

Concen: 34.224 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

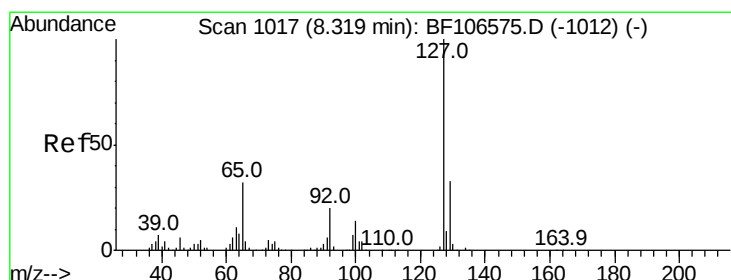
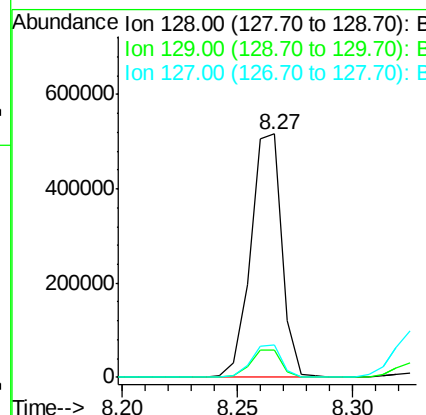
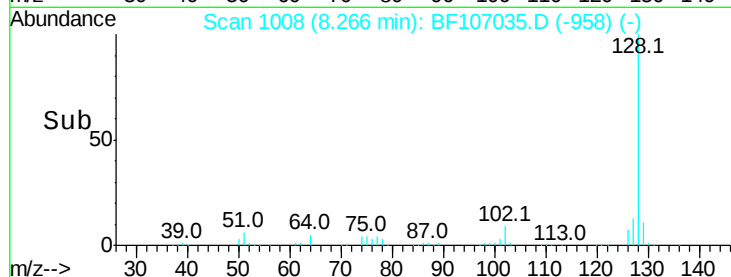
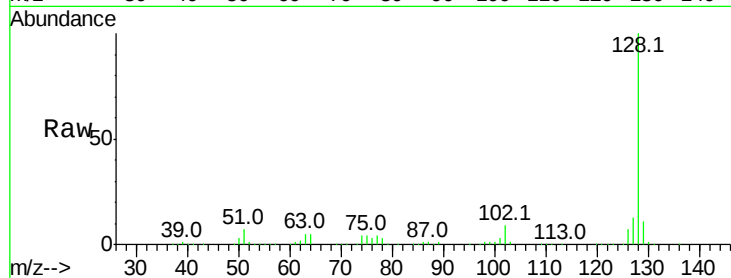
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	128	Resp:	489508
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#33

4-Chloroaniline

Concen: 20.447 ng

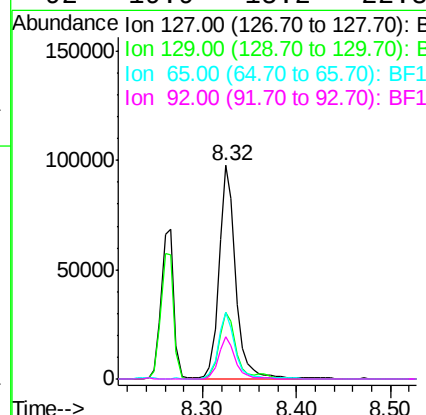
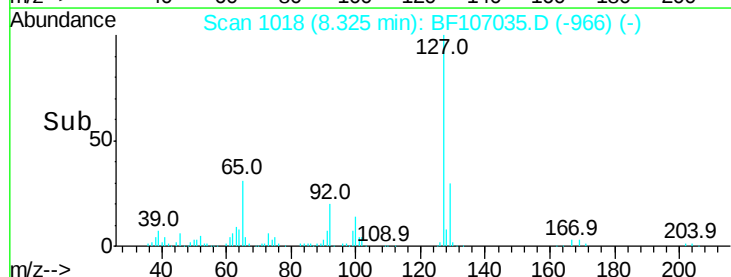
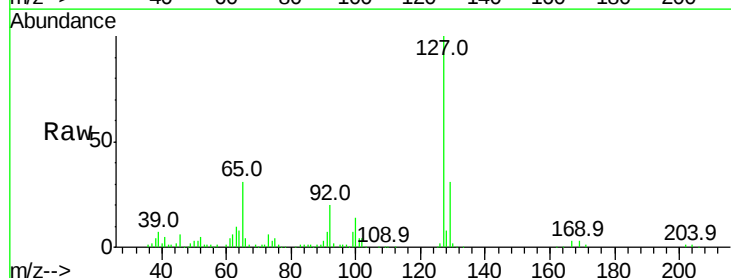
RT: 8.32 min Scan# 1018

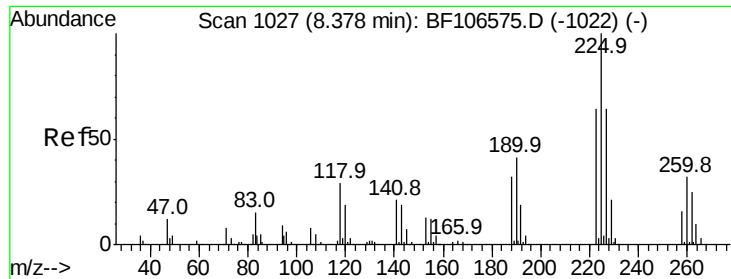
Delta R.T. 0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	127	Resp:	122713
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.9	38.9
65	31.0	25.0	37.4
92	19.9	15.2	22.8





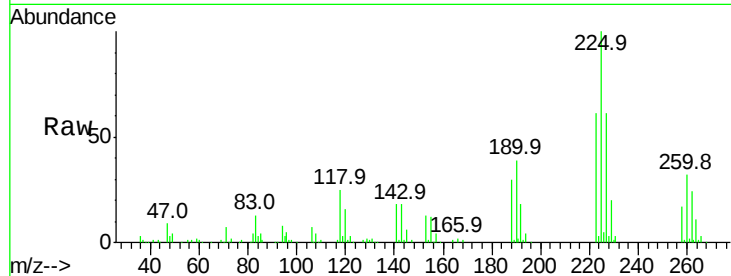
#34
Hexachlorobutadiene
Concen: 34.766 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

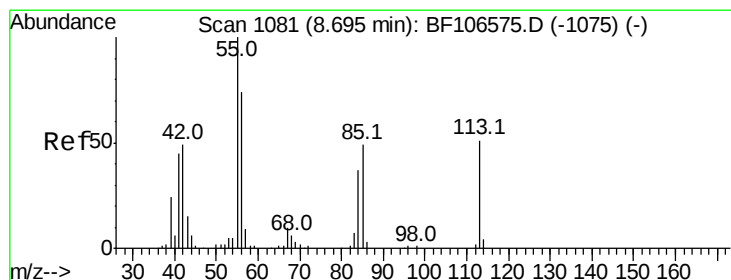
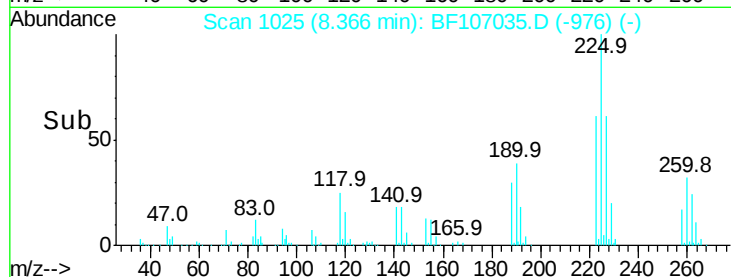
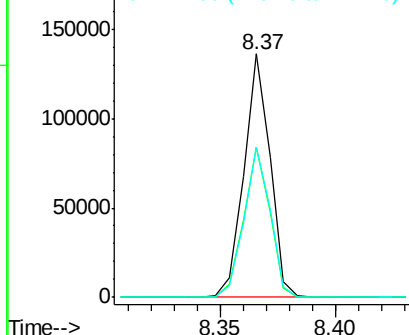
Tot Ion	Ratio	Resp	Lower	Upper
225	100	107143		
223	61.5	50.6	76.0	
227	61.5	51.9	77.9	

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM

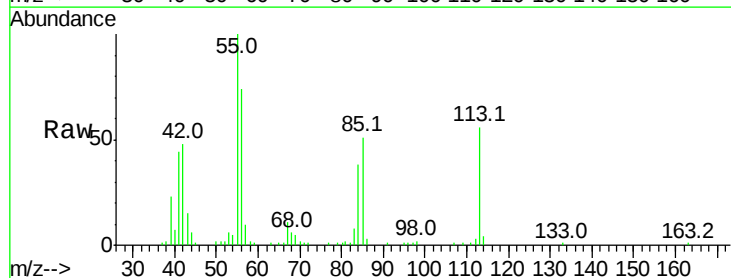


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

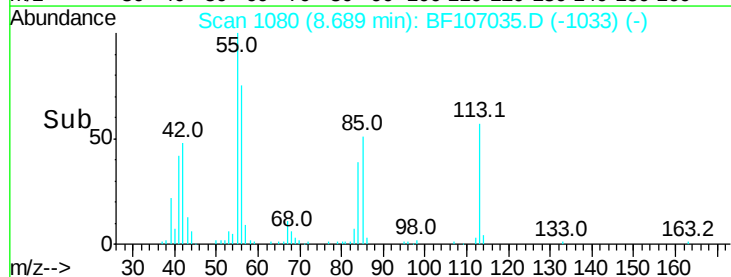
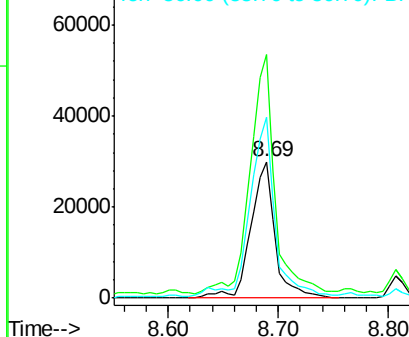


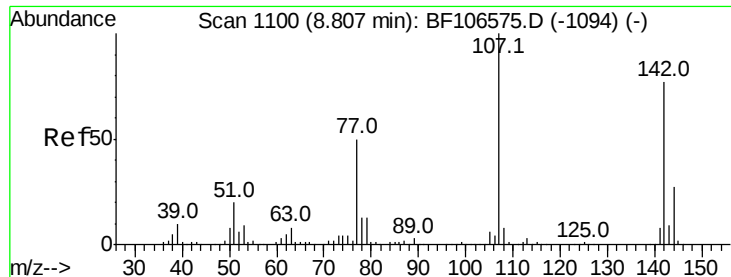
#35
Caprolactam
Concen: 32.939 ng
RT: 8.69 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	46098		
55	178.7	163.3	203.3	
56	132.4	115.7	155.7	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





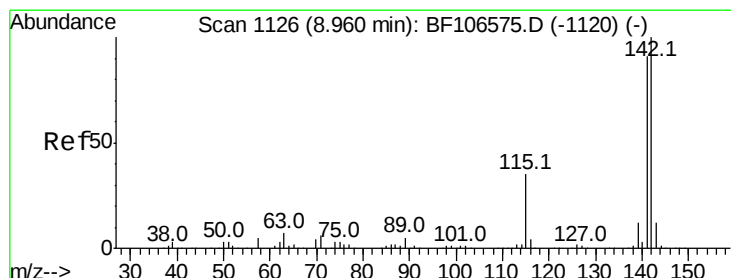
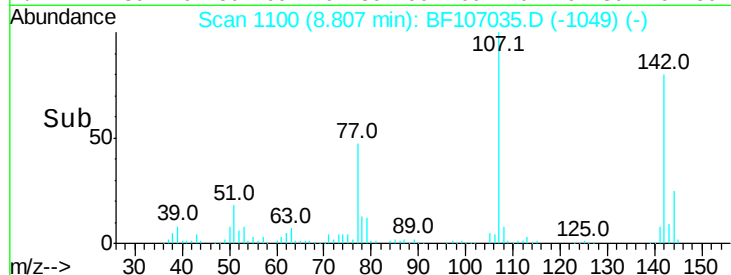
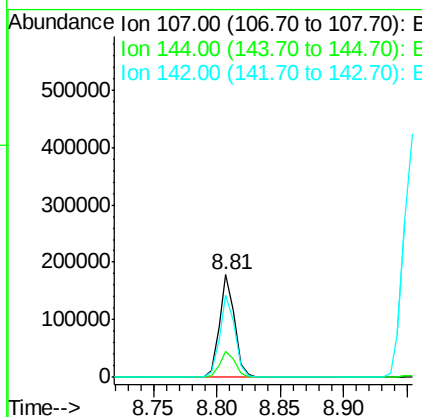
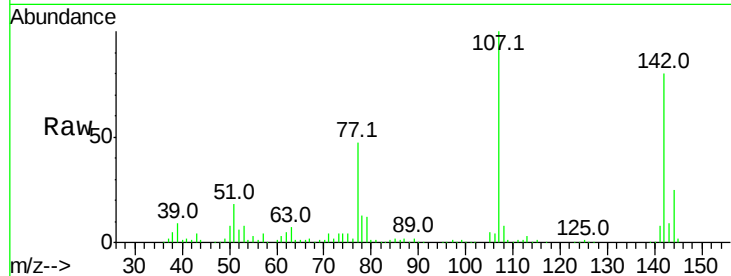
#36
 4-Chloro-3-methylphenol
 Concen: 33.670 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	80.1	62.0	93.0

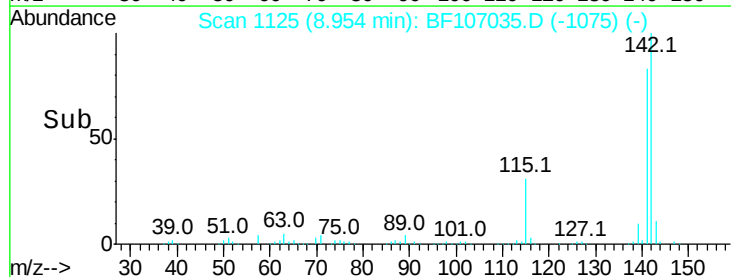
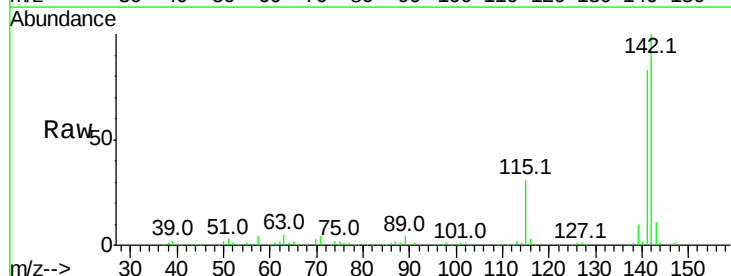
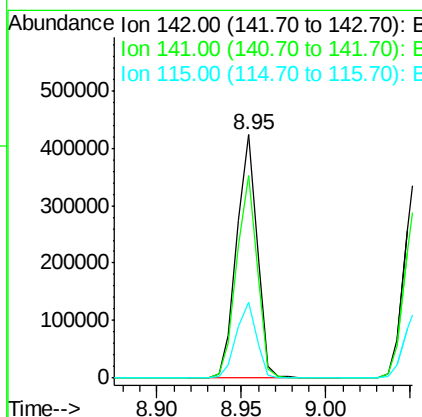
Manual Integrations
 APPROVED

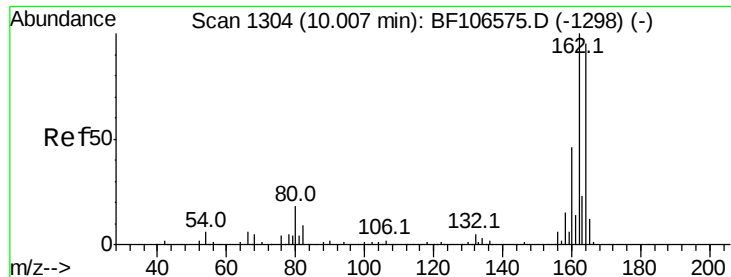
Sohil
 7/3/2018 5:29:40 PM



#37
 2-Methylnaphthalene
 Concen: 37.573 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.3	70.8	106.2
115	31.1	26.1	39.1





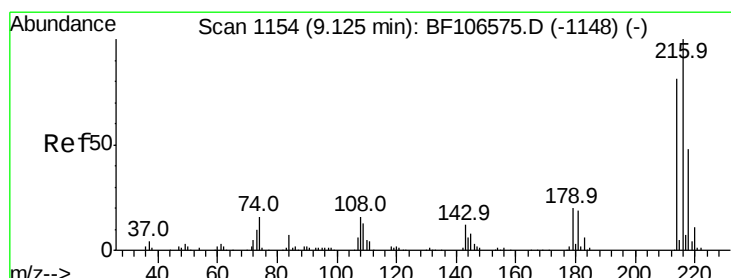
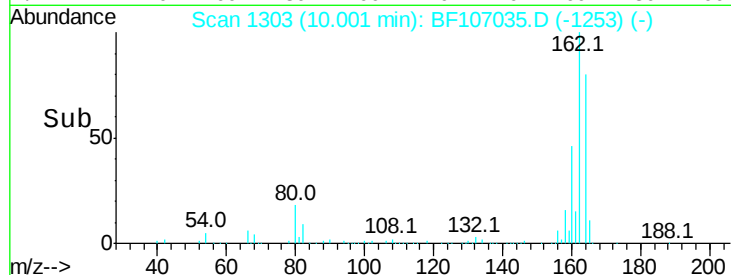
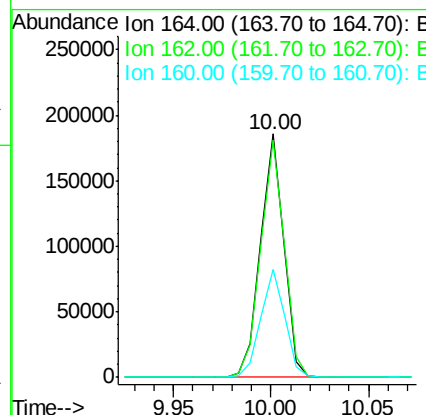
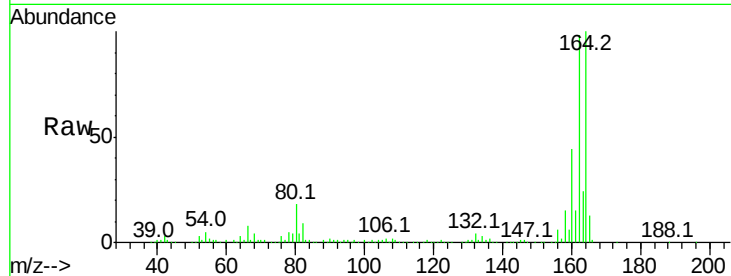
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	153824		
162	97.5	86.1	129.1	
160	44.2	38.3	57.5	

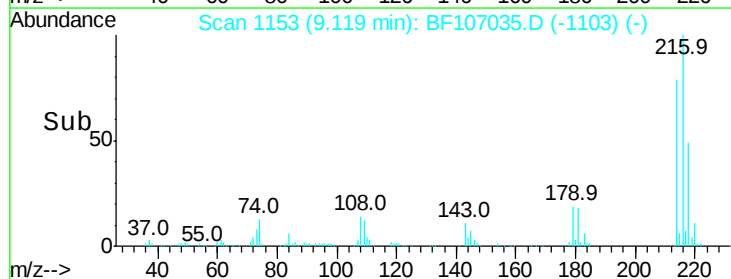
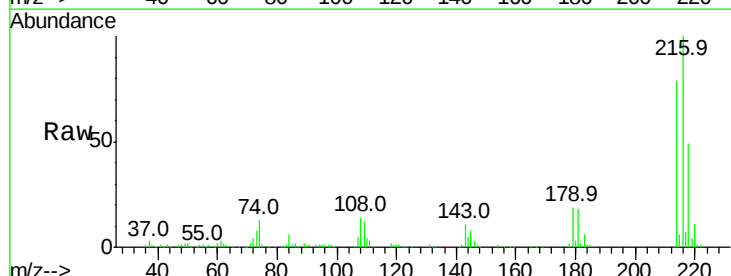
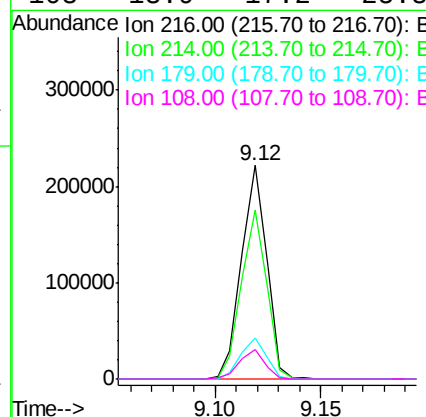
Manual Integrations
APPROVED

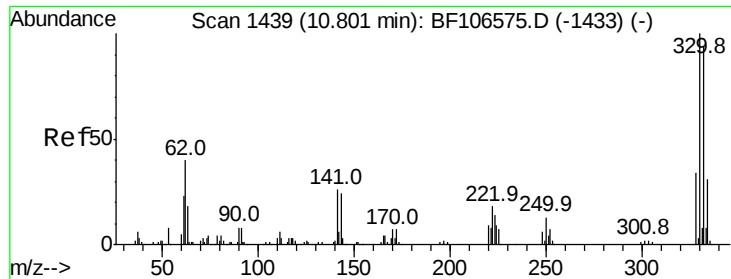
Sohil
7/3/2018 5:29:40 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.246 ng
RT: 9.12 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	182583		
214	79.5	63.0	94.4	
179	19.5	18.1	27.1	
108	13.9	17.2	25.8	#





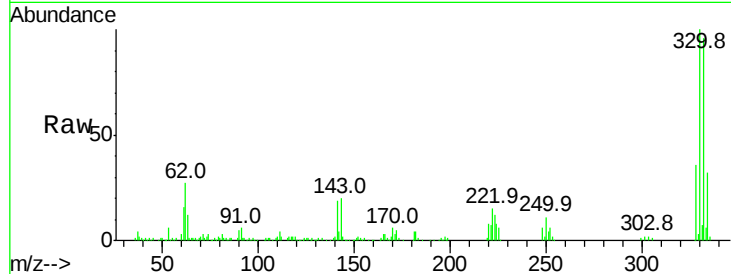
#41
 2,4,6-Tribromophenol
 Concen: 108.130 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

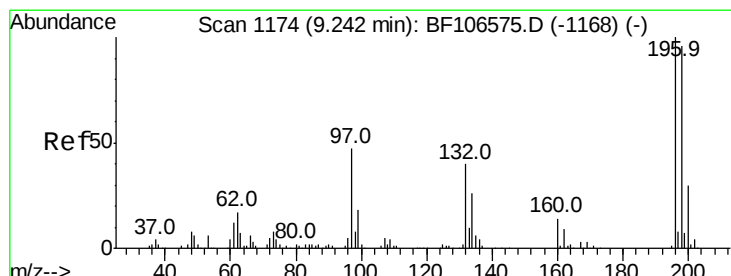
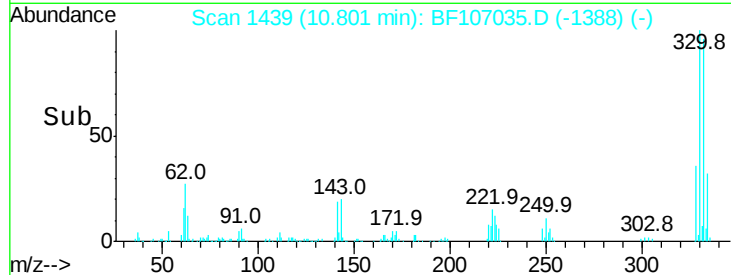
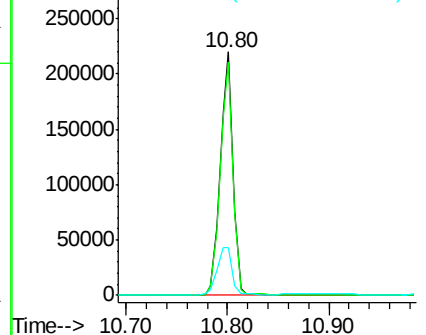
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	22.4	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:29:40 PM



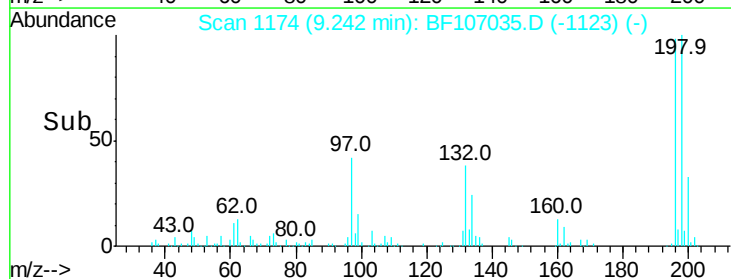
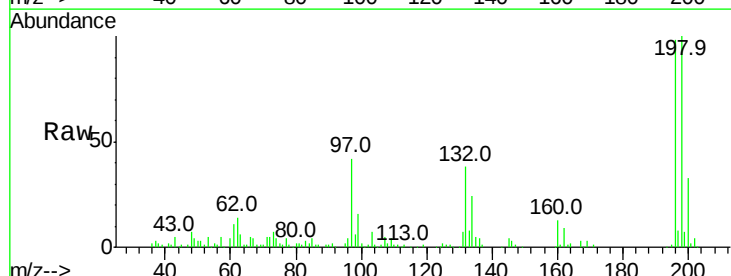
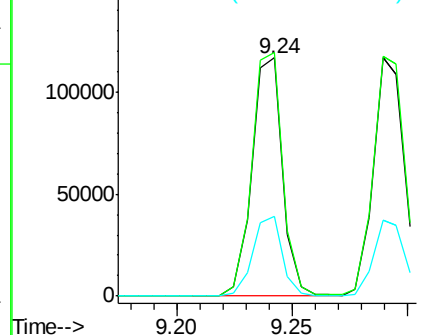
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

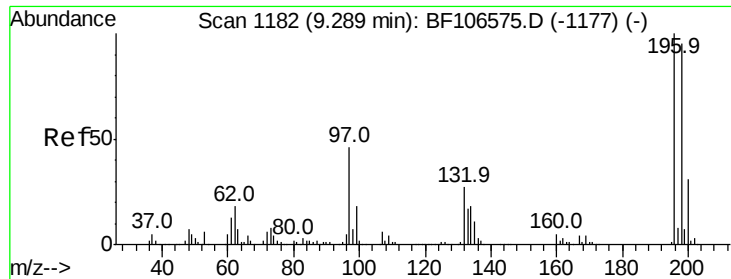


#42
 2,4,6-Trichlorophenol
 Concen: 31.596 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.3	75.7	113.5	
200	33.3	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





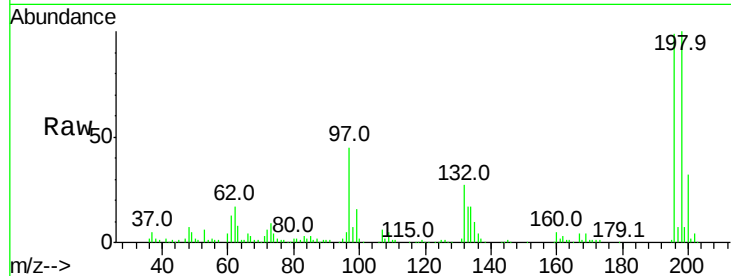
#43
 2,4,5-Trichlorophenol
 Concen: 31.040 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111530		
198	100.5	74.6	112.0	
97	45.4	42.9	64.3	
132	27.6	26.3	39.5	

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:29:40 PM



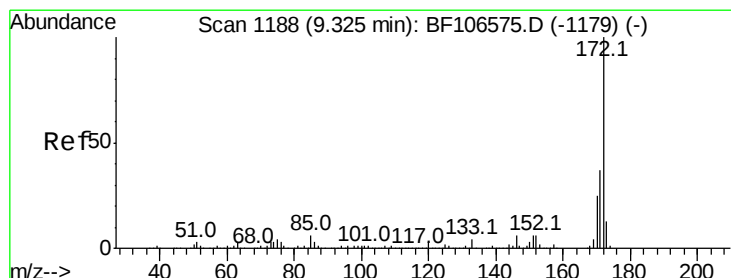
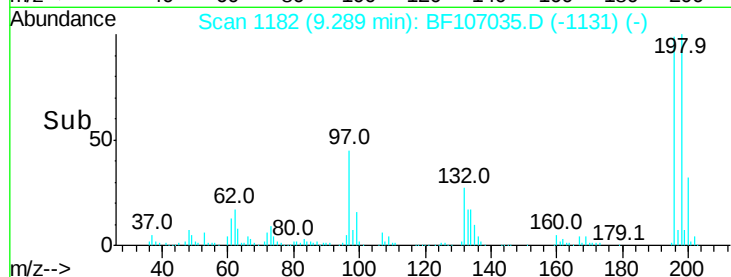
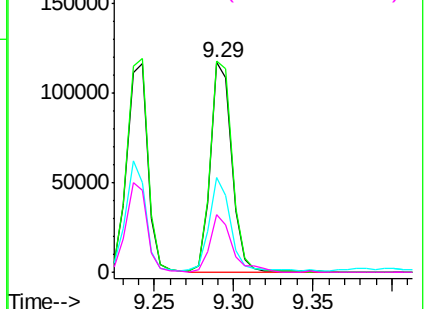
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.091 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

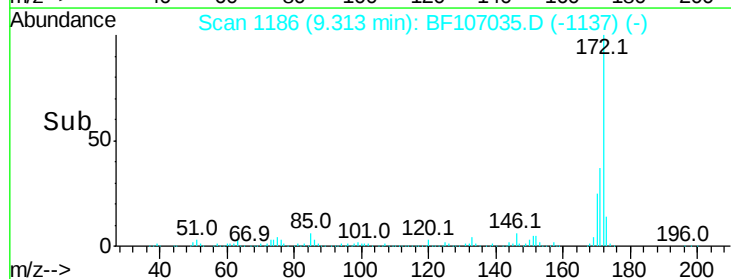
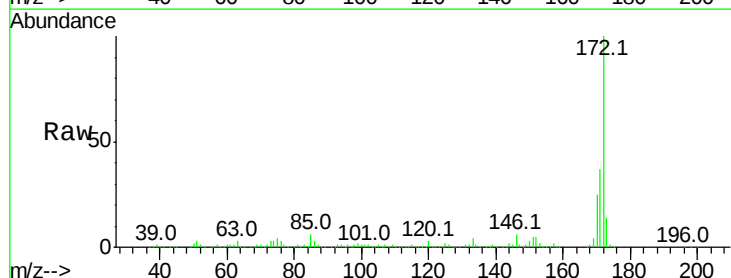
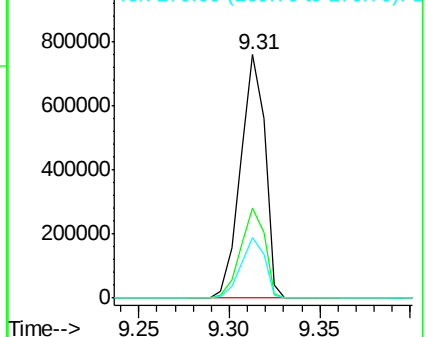
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	713069		
171	36.8	29.7	44.5	
170	24.8	19.6	29.4	

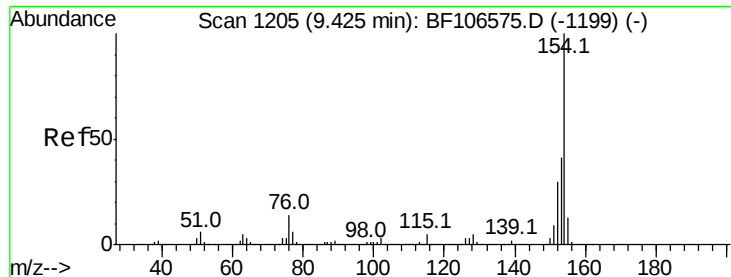
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.017 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

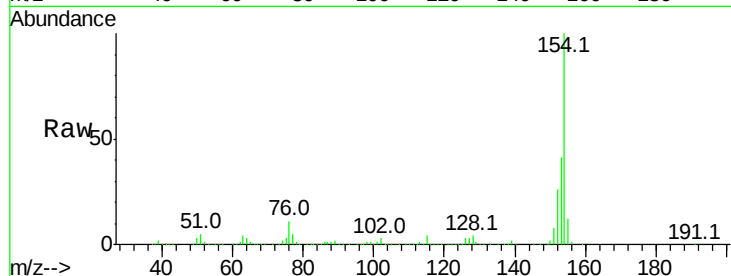
ClientSampleId :

ZER-SB-01-03-04-0-11MS

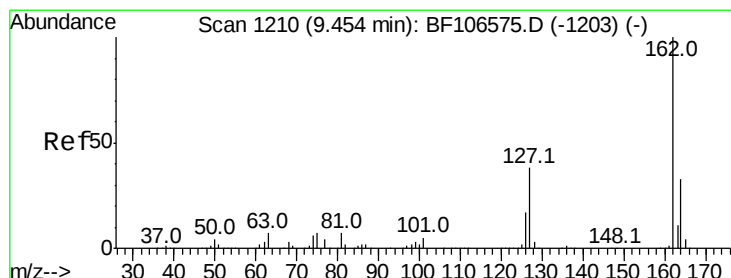
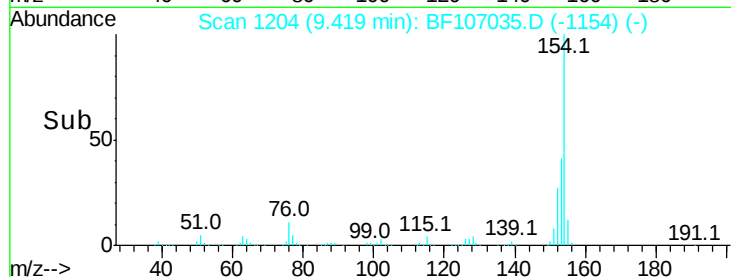
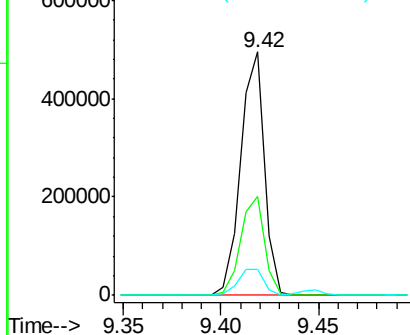
Tot Ion:	154	Resp:	417019
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	10.7	0.0	34.0

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 31.158 ng

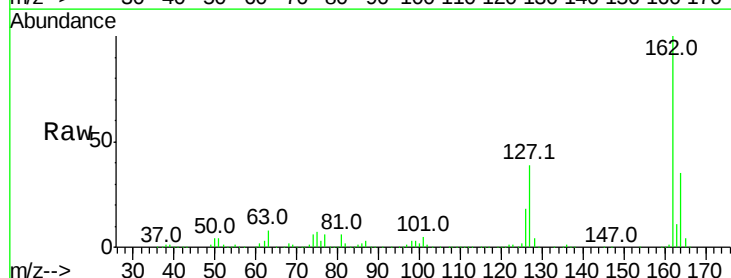
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

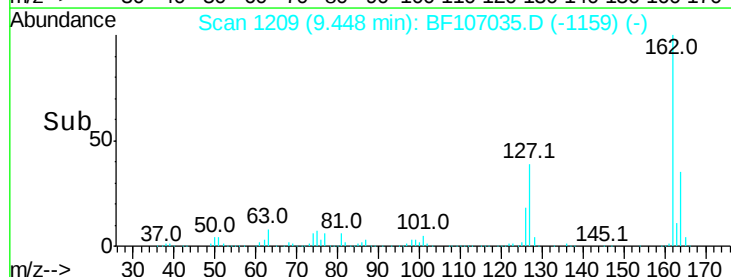
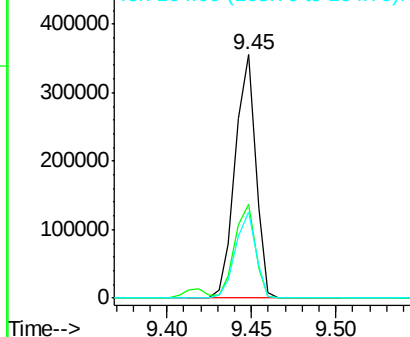
Lab File: BF107035.D

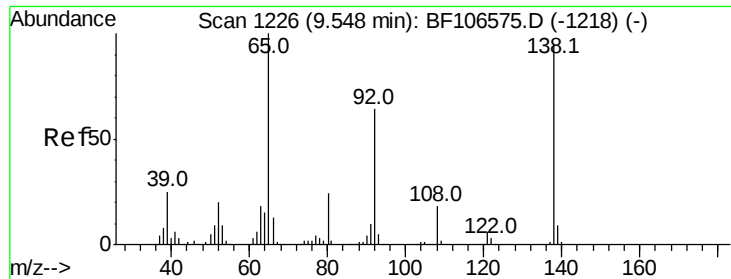
Acq: 2 Jul 2018 11:01

Tgt Ion:	162	Resp:	300663
Ion Ratio	Lower	Upper	
162	100		
127	38.7	33.9	50.9
164	35.2	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





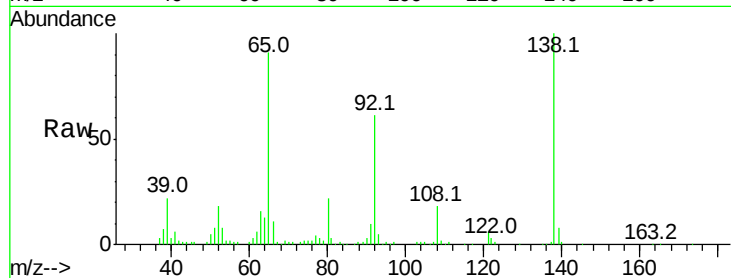
#47
2-Nitroaniline
Concen: 29.635 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

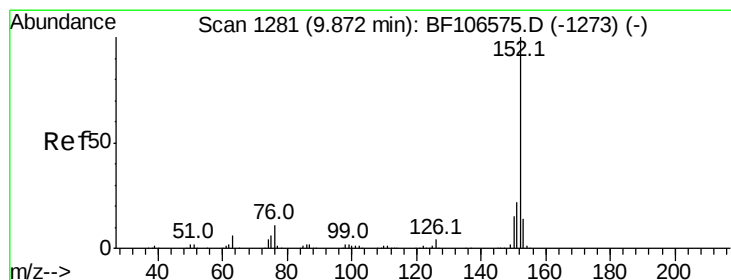
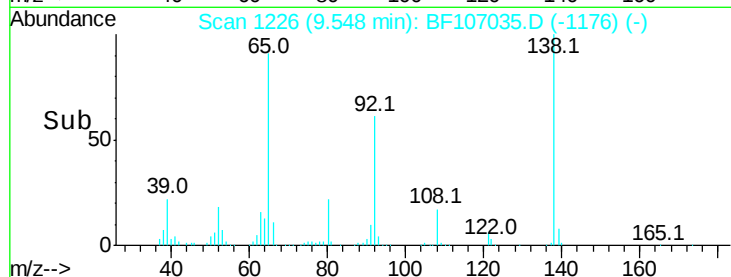
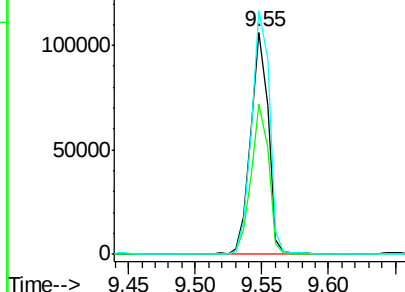
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.8	83.6
138	109.7	91.2	136.8

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



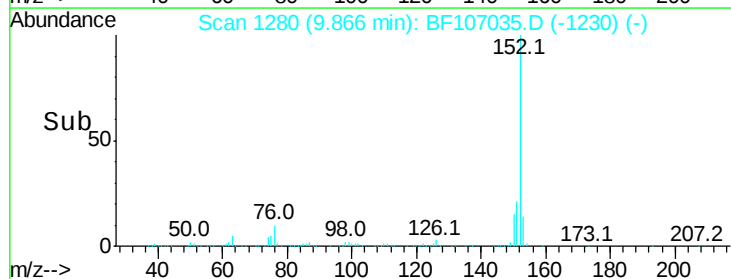
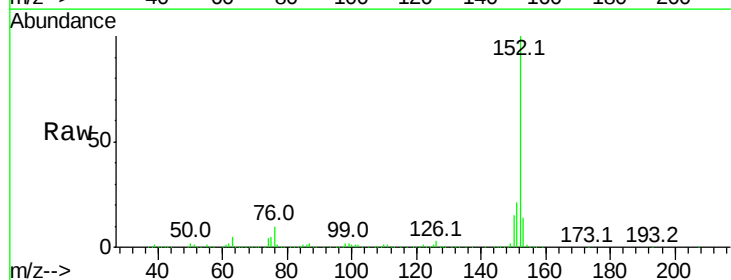
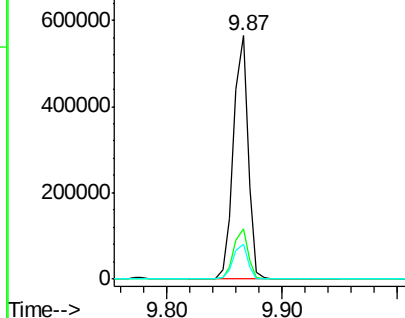
Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

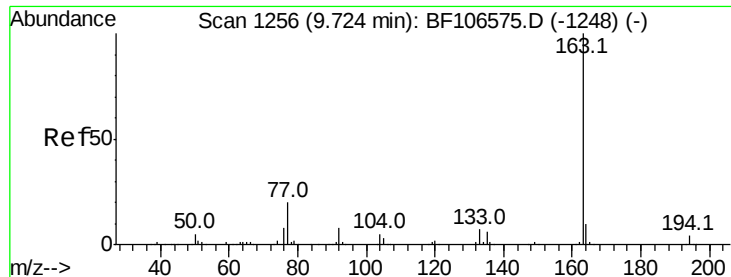


#48
Acenaphthylene
Concen: 32.624 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.4	10.7	16.1

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





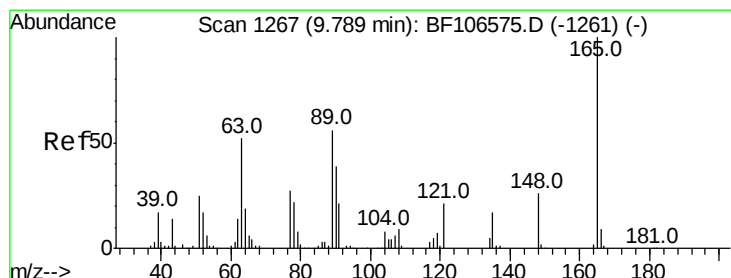
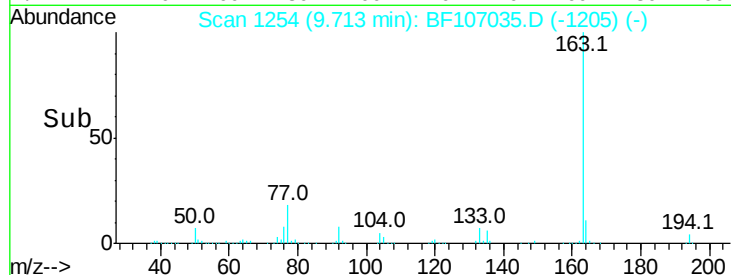
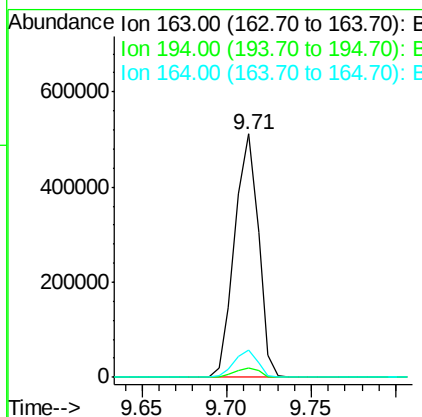
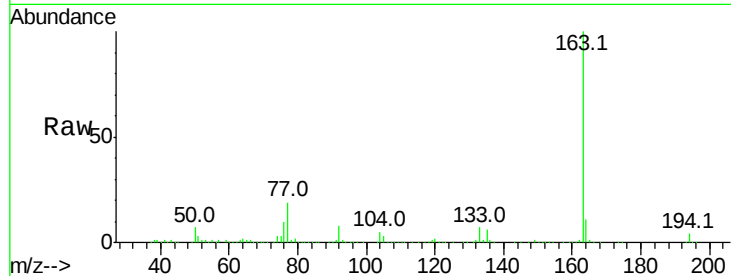
#49
Dimethylphthalate
Concen: 43.512 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	502000		
194	4.0		2.7	4.1
164	11.0		8.2	12.2

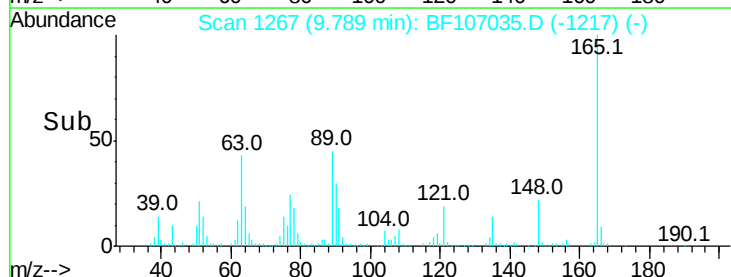
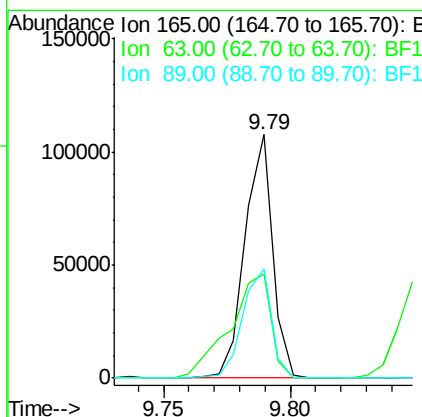
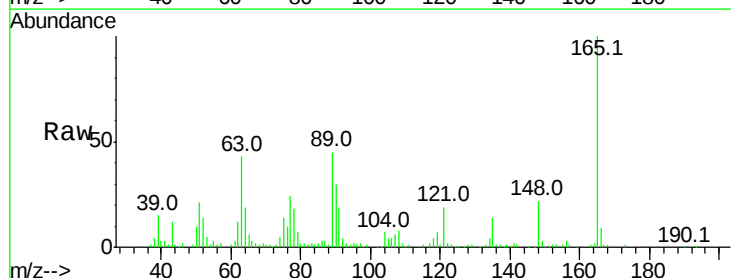
Manual Integrations
APPROVED

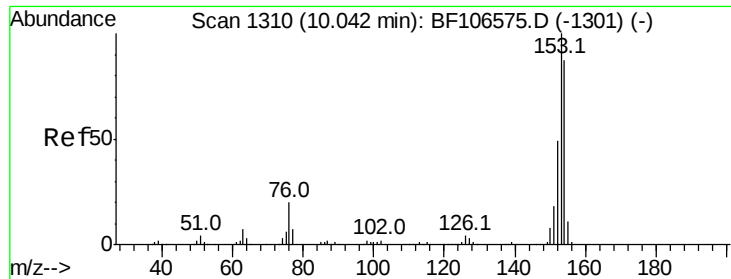
Sohil
7/3/2018 5:29:40 PM



#50
2,6-Dinitrotoluene
Concen: 33.531 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81917		
63	42.7		44.7	67.1#
89	45.0		44.0	66.0





#51

Acenaphthene

Concen: 31.765 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

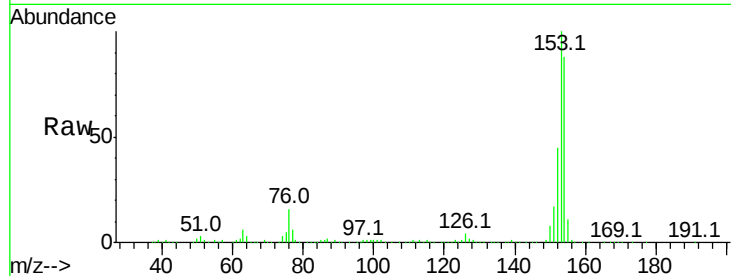
ClientSampleId :

ZER-SB-01-03-04-0-11MS

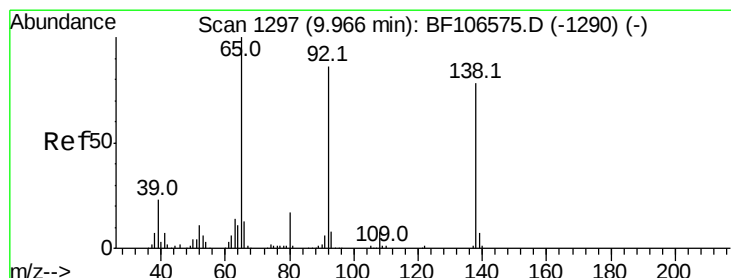
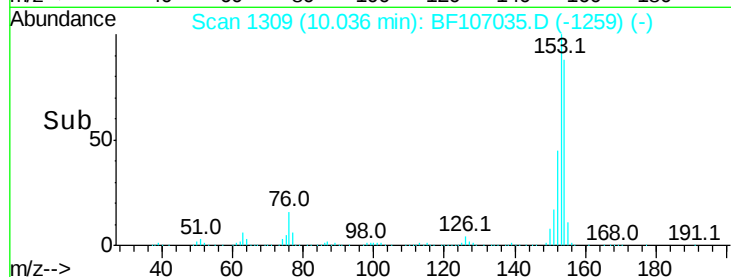
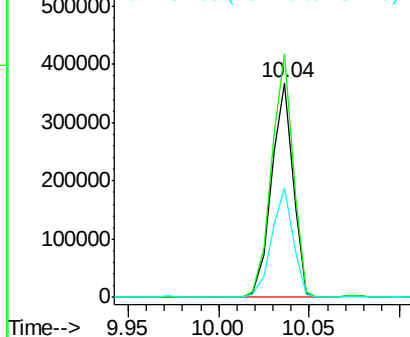
Tot Ion:	154	Resp:	304735
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	50.9	43.8	65.8

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



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



#52

3-Nitroaniline

Concen: 22.845 ng

RT: 9.96 min Scan# 1296

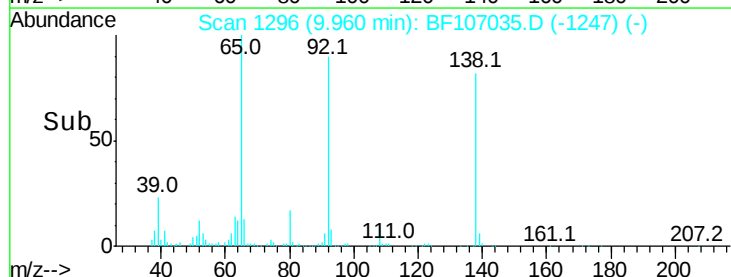
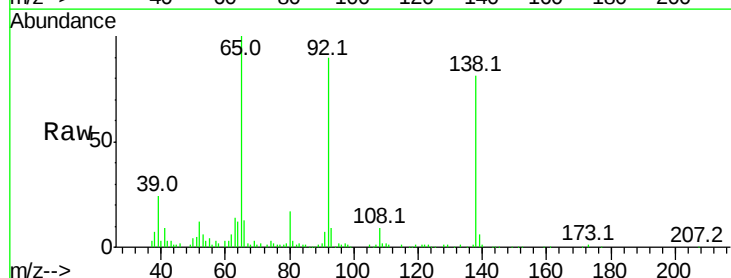
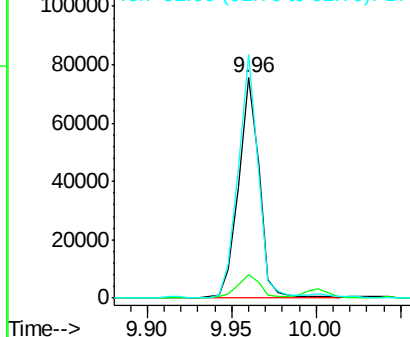
Delta R.T. -0.01 min

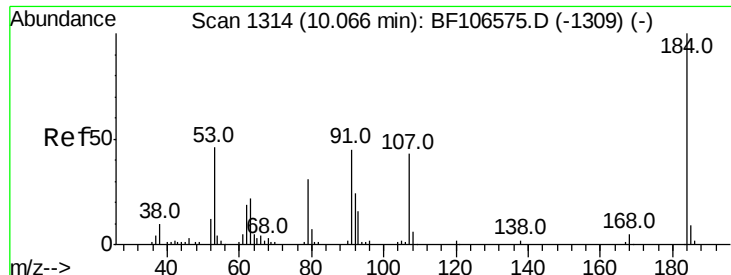
Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	138	Resp:	64224
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	110.4	89.4	134.2

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





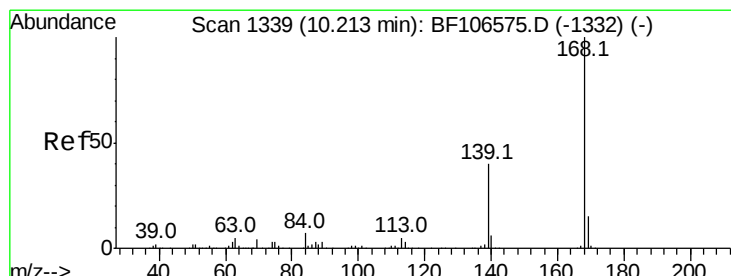
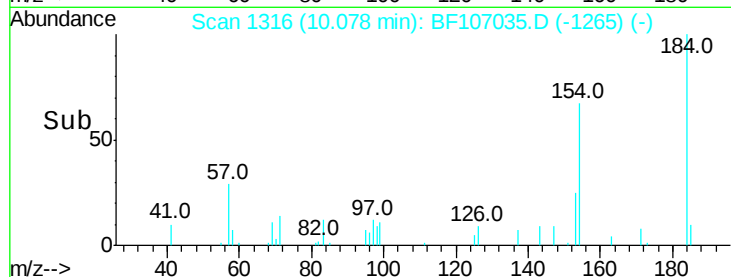
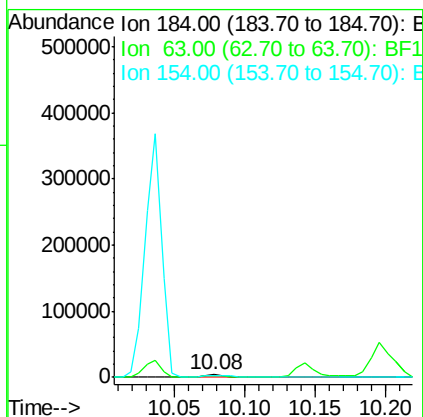
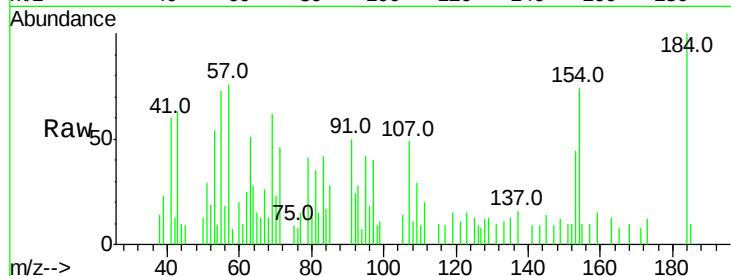
#53
2,4-Dinitrophenol
Concen: 9.480 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.3	54.2	81.2#
154	74.0	184.0	276.0#

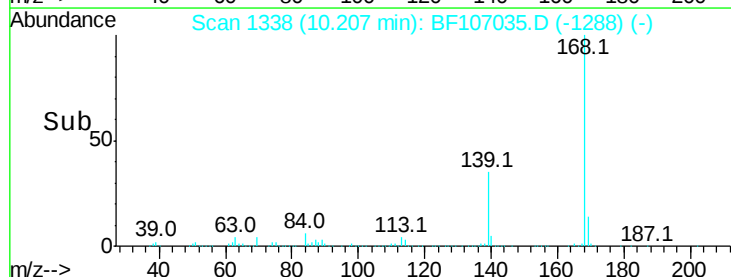
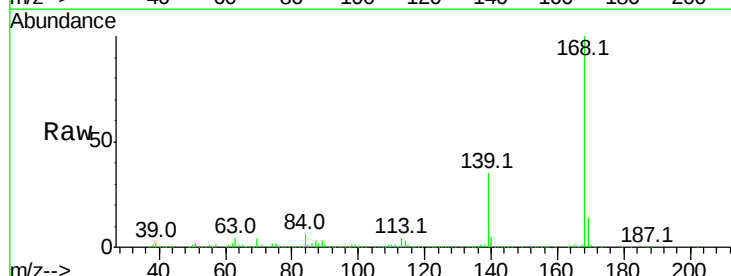
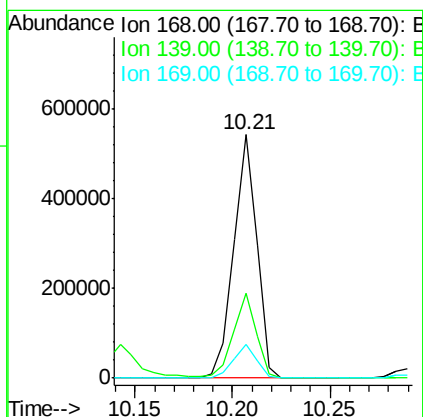
Manual Integrations
APPROVED

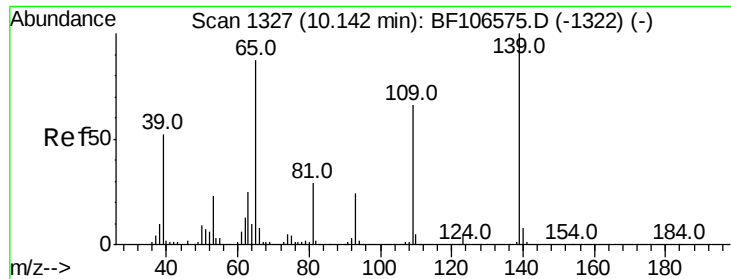
Sohil
7/3/2018 5:29:40 PM



#54
Dibenzofuran
Concen: 33.951 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	30.1	45.1
169	13.8	10.9	16.3





#55

4-Nitrophenol

Concen: 41.079 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:139 Resp: 80609

Ion Ratio Lower Upper

139 100

109 65.8 48.4 88.4

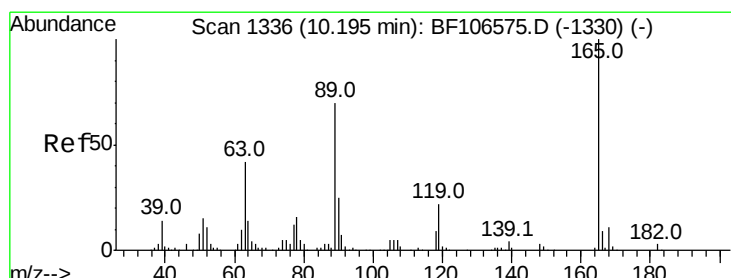
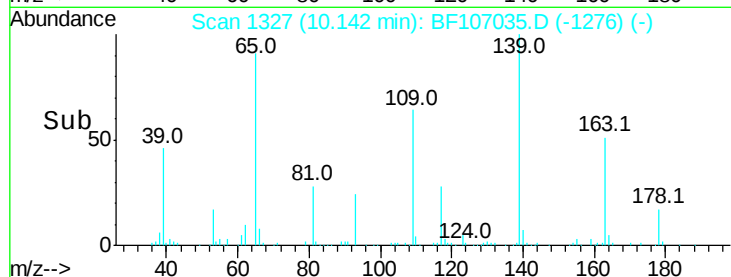
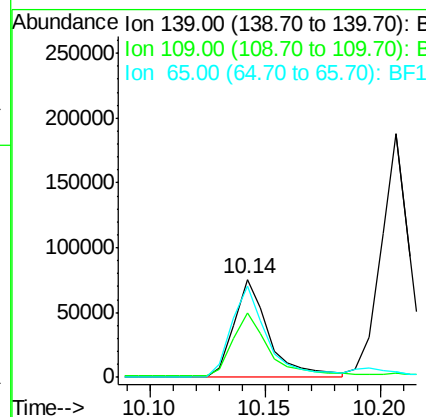
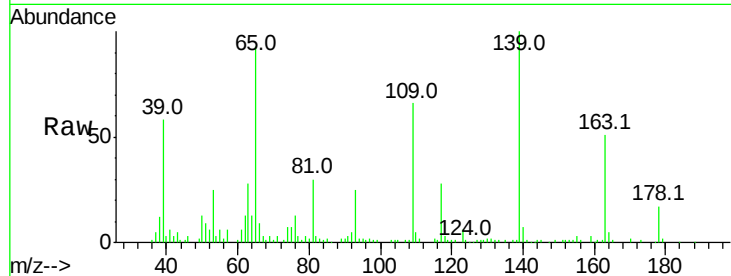
65 93.4 72.6 112.6

Manual Integrations

APPROVED

Sohil

7/3/2018 5:29:40 PM



#56

2,4-Dinitrotoluene

Concen: 31.987 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:165 Resp: 102000

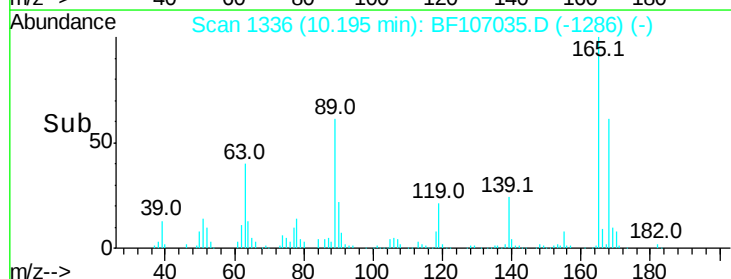
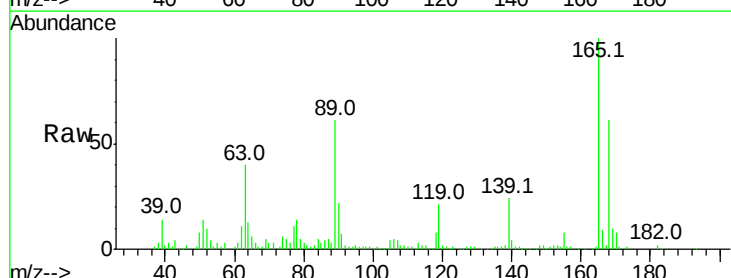
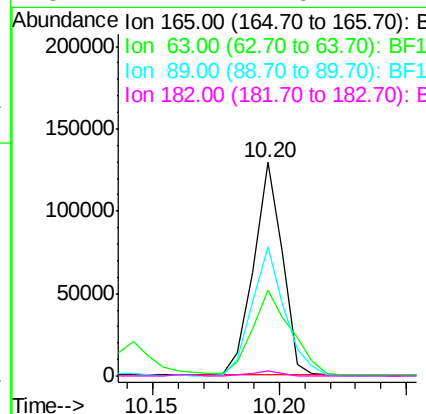
Ion Ratio Lower Upper

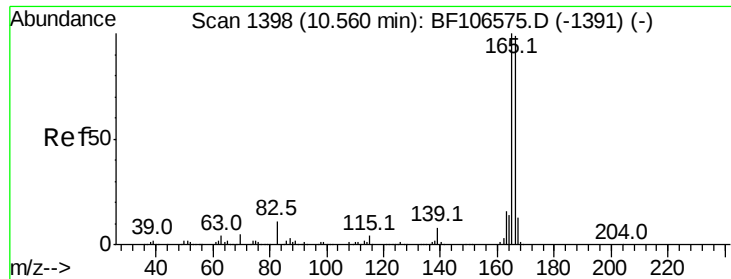
165 100

63 40.2 36.4 54.6

89 60.8 57.8 86.6

182 2.4 1.6 2.4





#57

Fluorene

Concen: 34.641 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

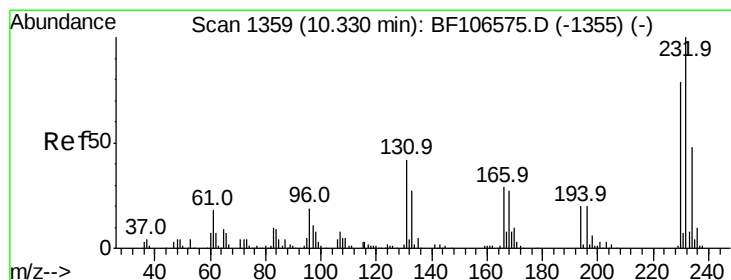
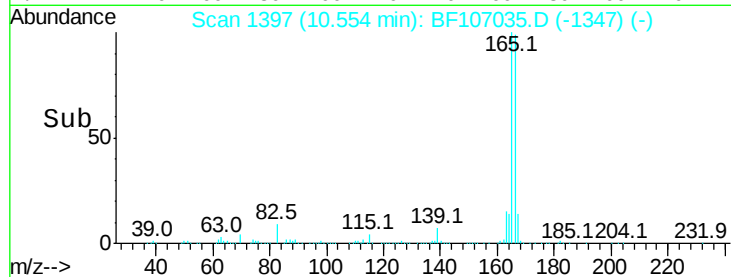
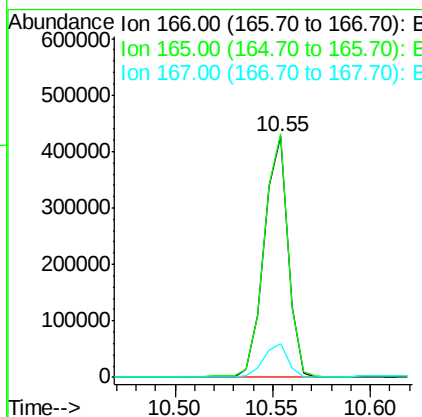
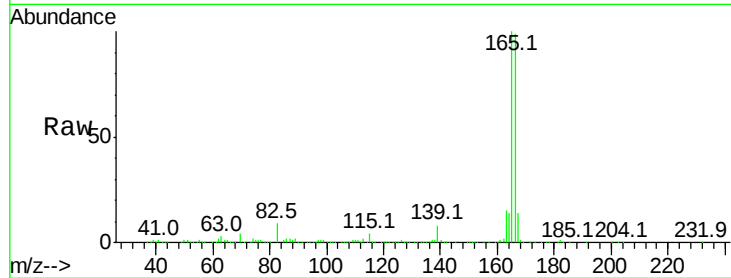
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	166	Resp:	361111
Ion Ratio	Lower	Upper	
166	100		
165	101.1	79.8	119.8
167	14.0	10.6	16.0

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.611 ng

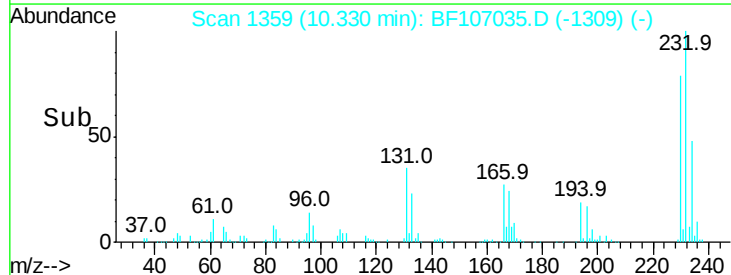
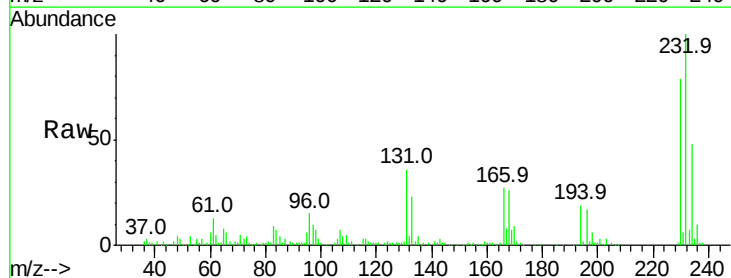
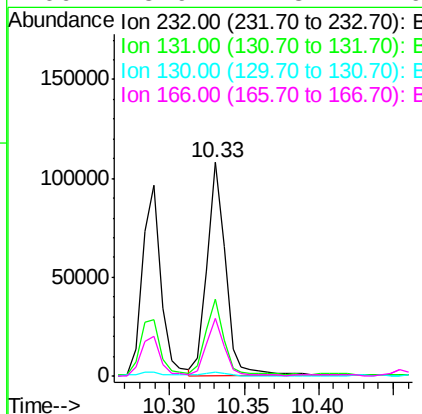
RT: 10.33 min Scan# 1359

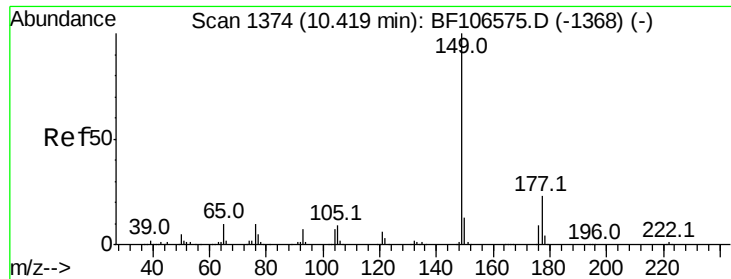
Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	232	Resp:	93145
Ion Ratio	Lower	Upper	
232	100		
131	33.7	43.8	65.8#
130	2.7	2.1	3.1
166	25.9	27.8	41.6#





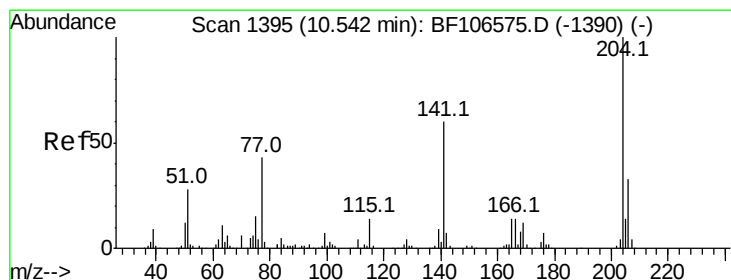
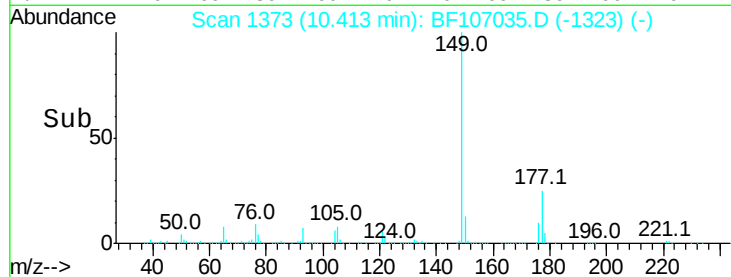
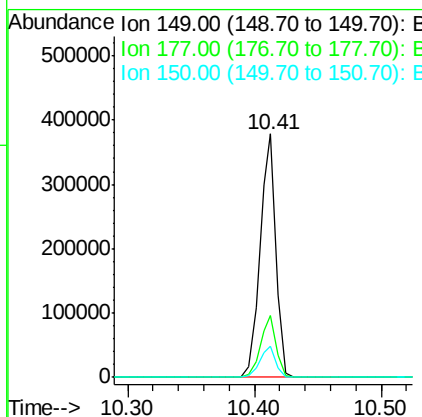
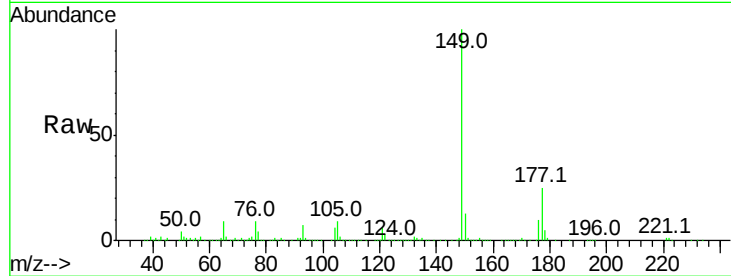
#59
Diethylphthalate
Concen: 29.924 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	16.1	24.1#
150	12.7	10.1	15.1

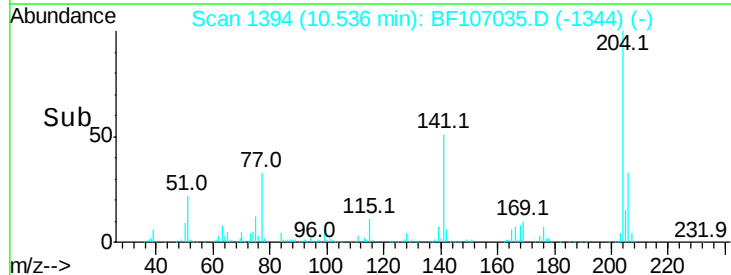
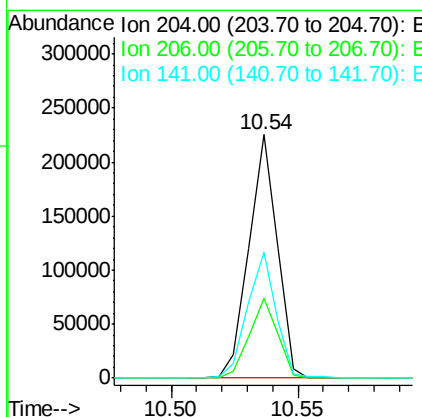
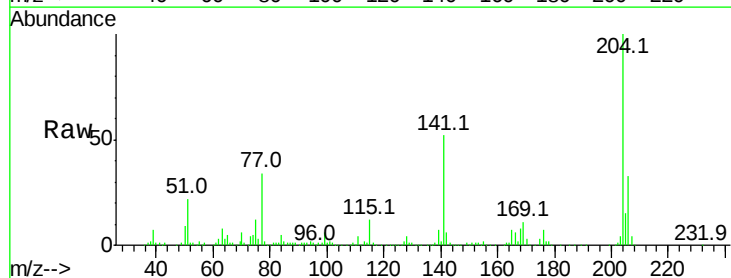
Manual Integrations
APPROVED

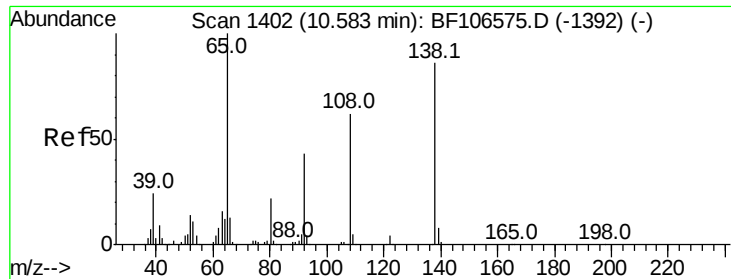
Sohil
7/3/2018 5:29:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.207 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	51.8	54.6	81.8#





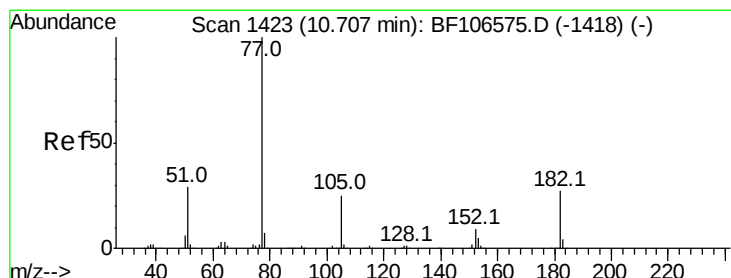
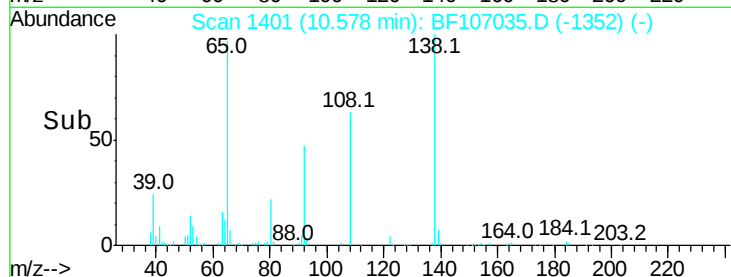
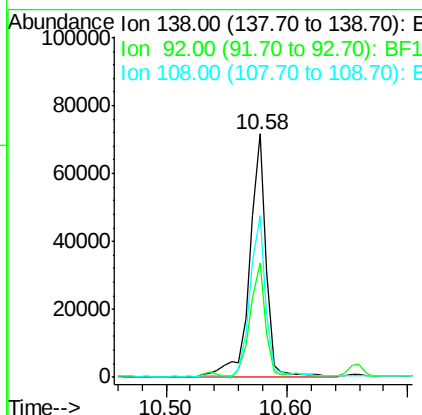
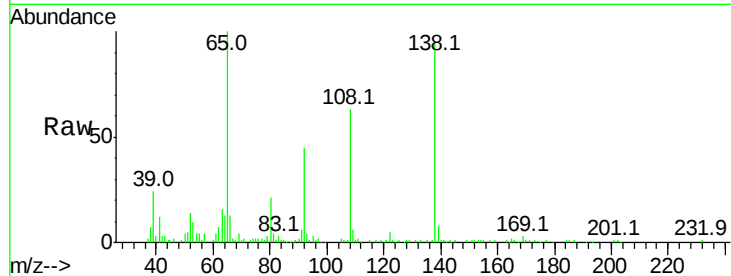
#61
4-Nitroaniline
Concen: 24.800 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.1	30.2	70.2
108	66.6	52.5	92.5

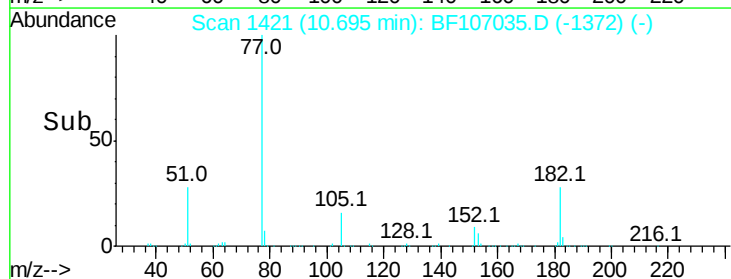
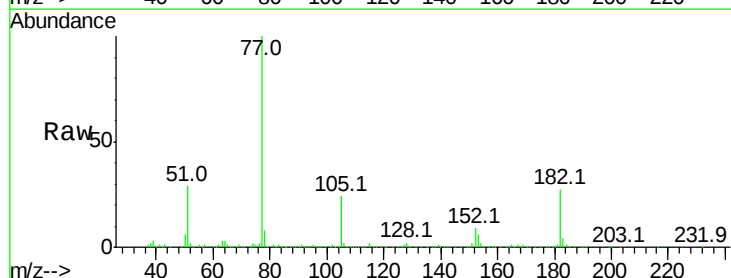
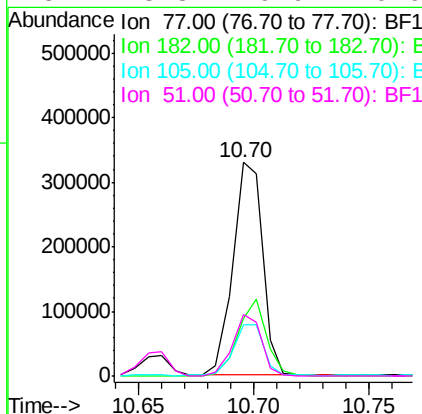
Manual Integrations
APPROVED

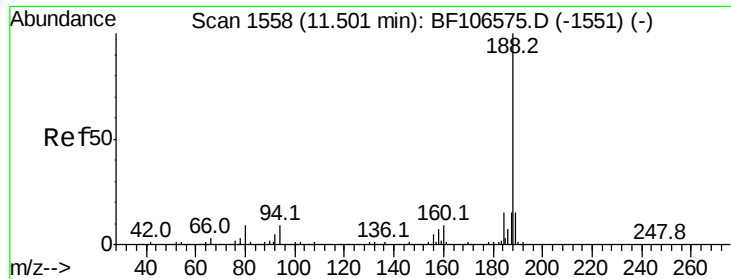
Sohil
7/3/2018 5:29:40 PM



#62
Azobenzene
Concen: 26.866 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	1.7	41.7
105	23.7	3.0	43.0
51	28.8	9.9	49.9





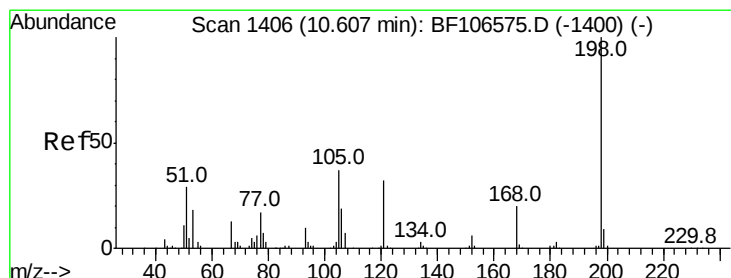
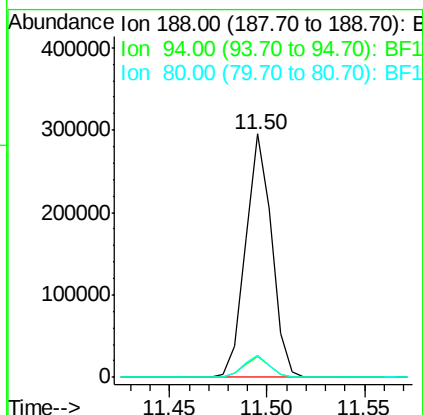
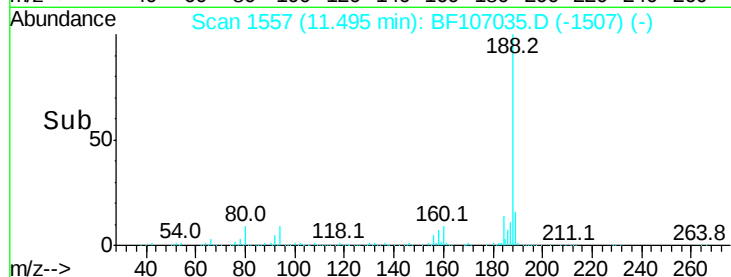
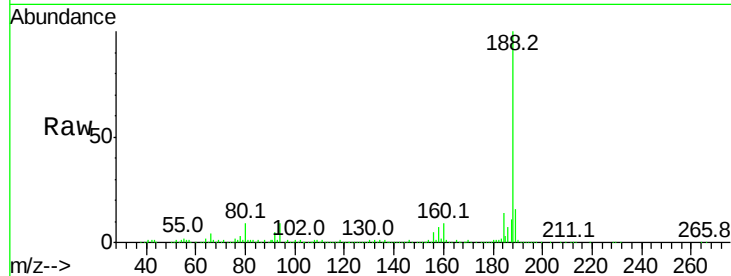
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

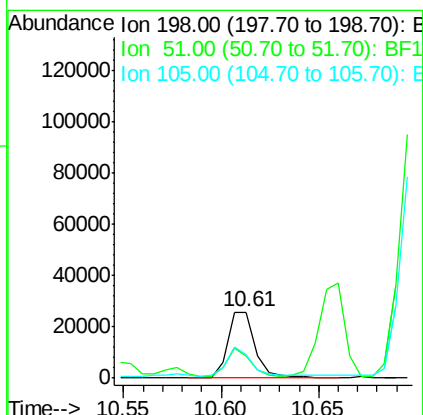
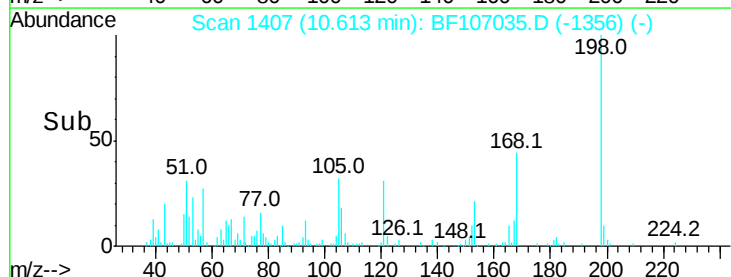
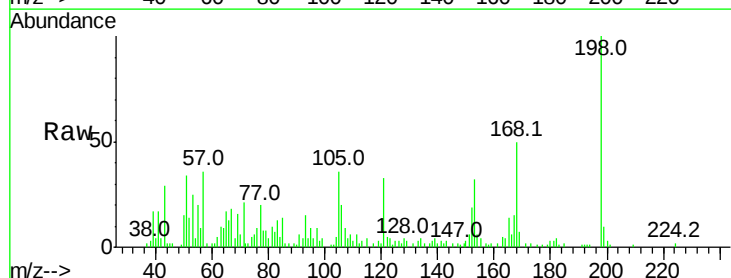
Manual Integrations
APPROVED

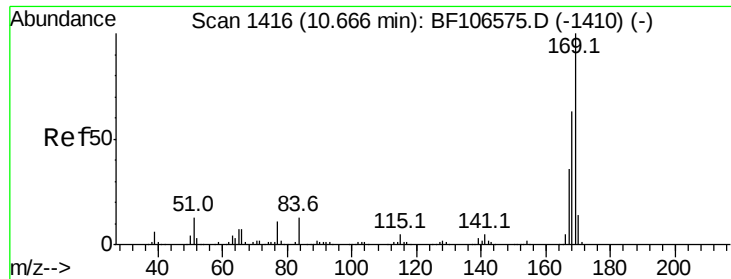
Sohil
7/3/2018 5:29:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 15.154 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.8	37.7	77.7#
105	36.1	36.3	76.3#





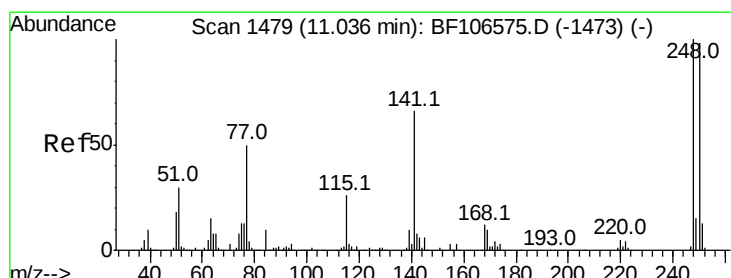
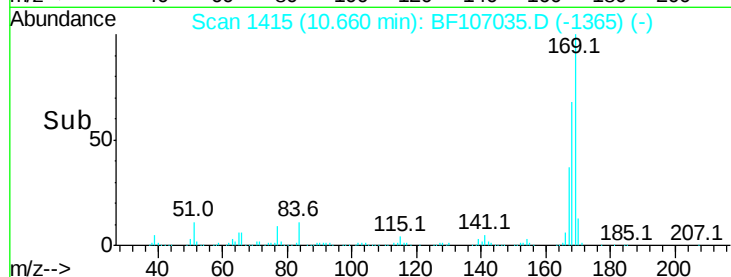
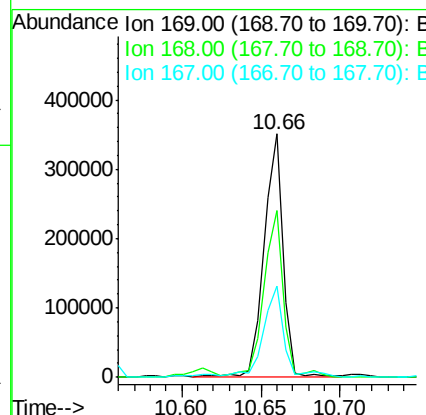
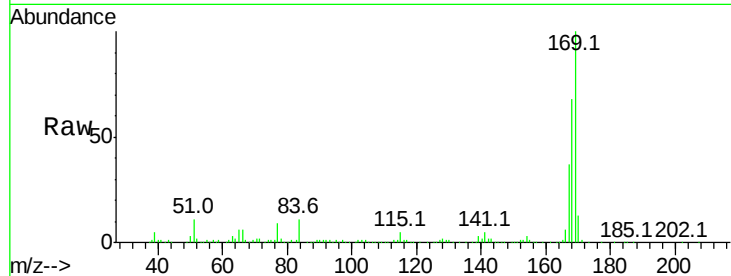
#65
n-Nitrosodiphenylamine
Concen: 31.620 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	290139		
168	68.3	54.4	81.6	
167	37.5	29.8	44.6	

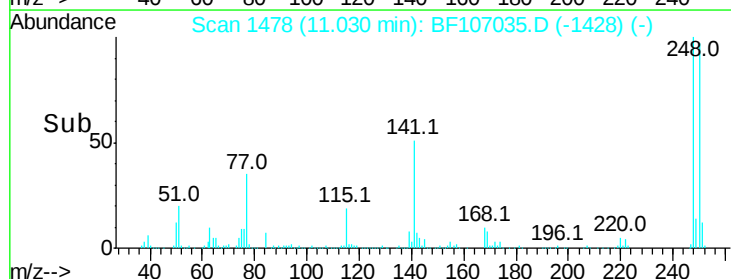
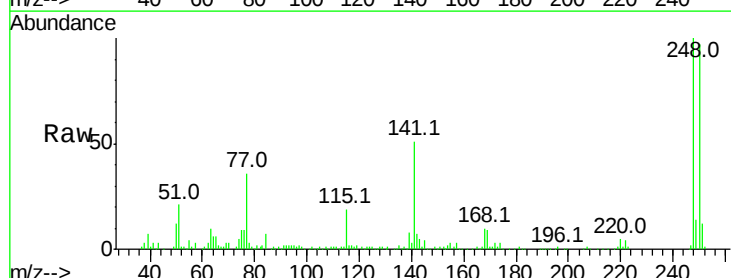
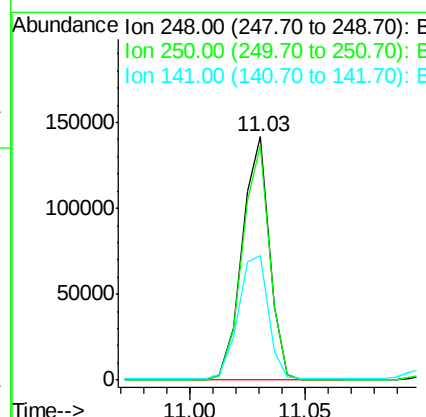
Manual Integrations
APPROVED

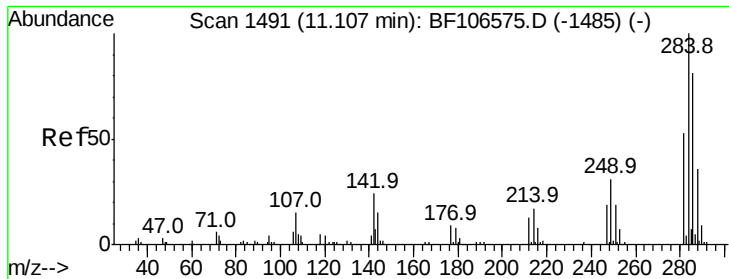
Sohil
7/3/2018 5:29:40 PM



#66
4-Bromophenyl-phenylether
Concen: 35.905 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	116899		
250	96.5	76.9	115.3	
141	51.3	74.4	111.6	





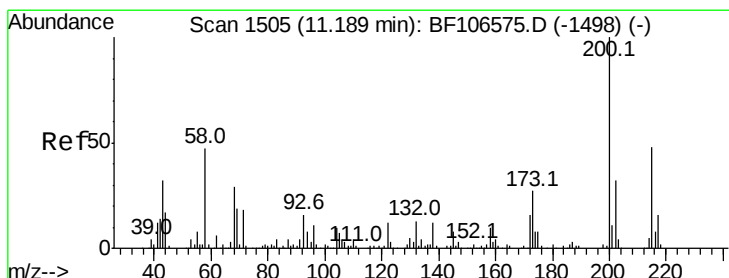
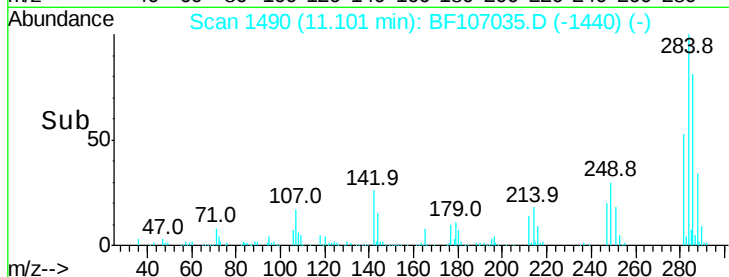
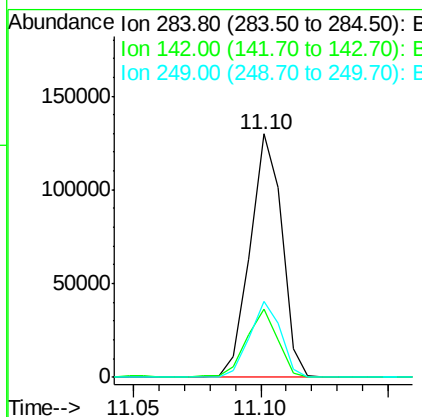
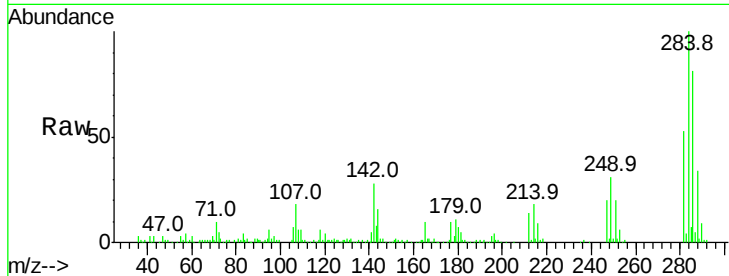
#67
Hexachlorobenzene
Concen: 33.379 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.8	34.6	52.0#	
249	31.3	24.8	37.2	

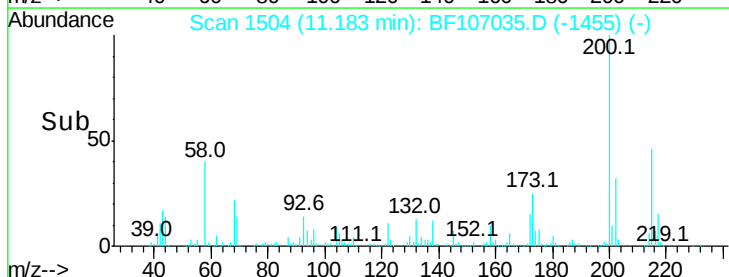
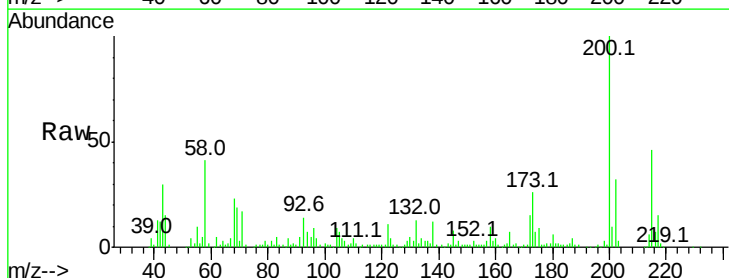
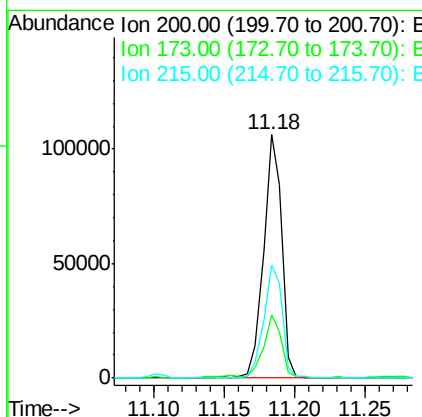
Manual Integrations
APPROVED

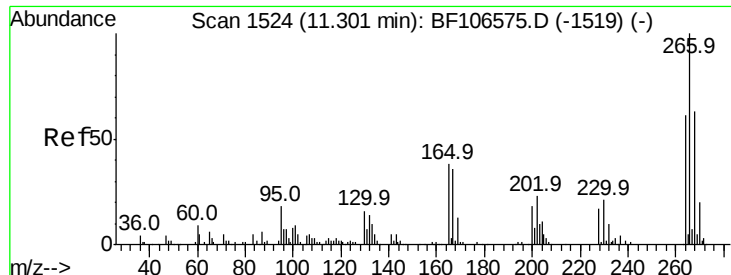
Sohil
7/3/2018 5:29:40 PM



#68
Atrazine
Concen: 33.367 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	8.6	48.6	
215	46.3	25.1	65.1	





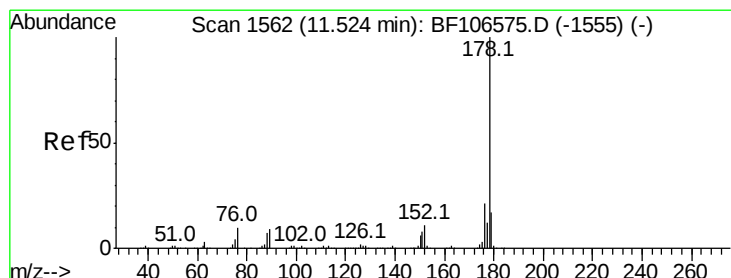
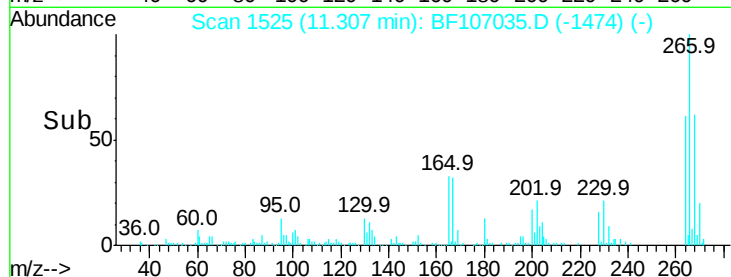
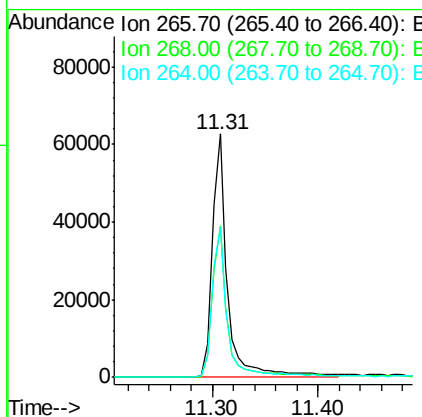
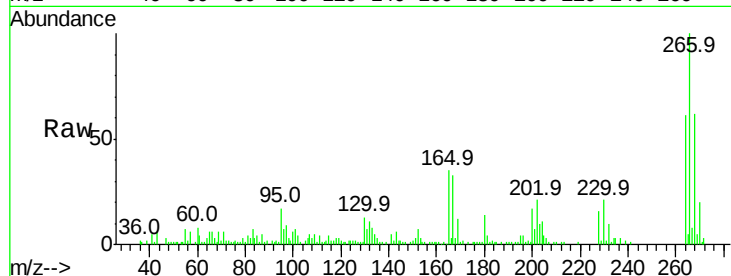
#69
 Pentachlorophenol
 Concen: 37.824 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.5	49.5	74.3

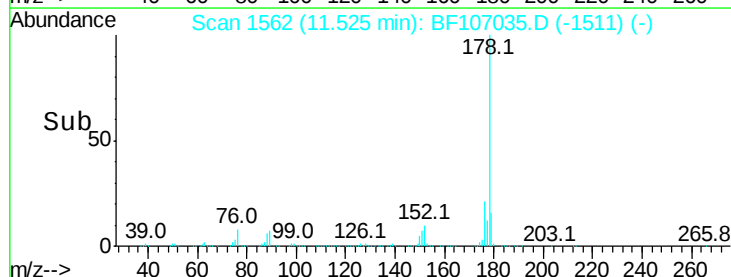
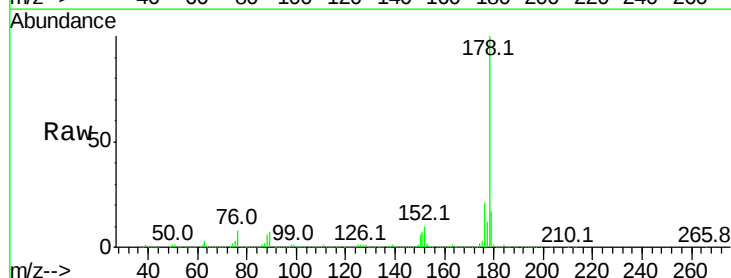
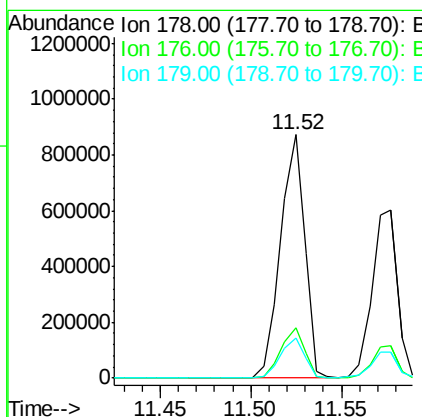
Manual Integrations
 APPROVED

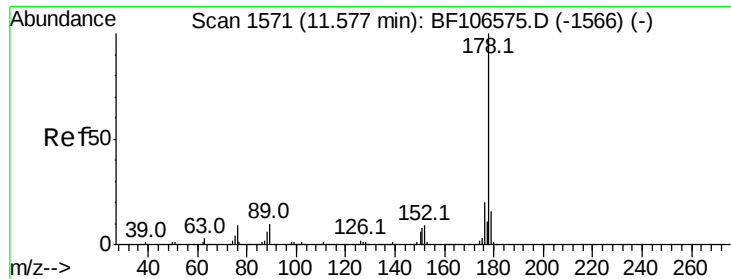
Sohil
 7/3/2018 5:29:40 PM



#70
 Phenanthrene
 Concen: 61.718 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.5	13.0	19.6





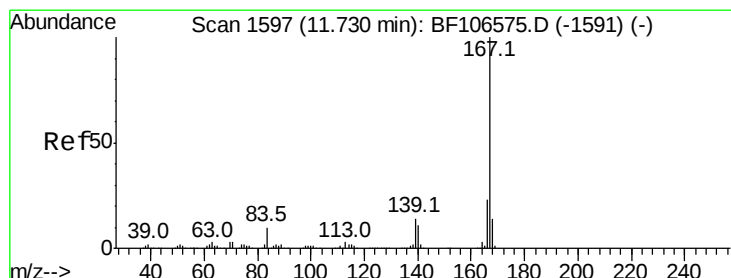
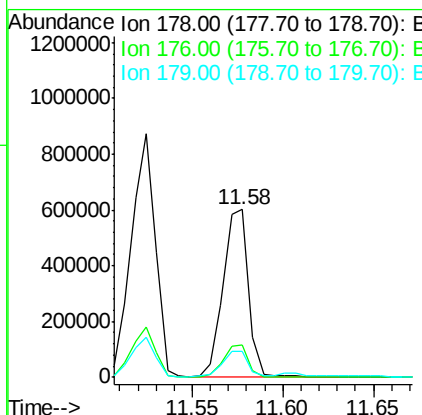
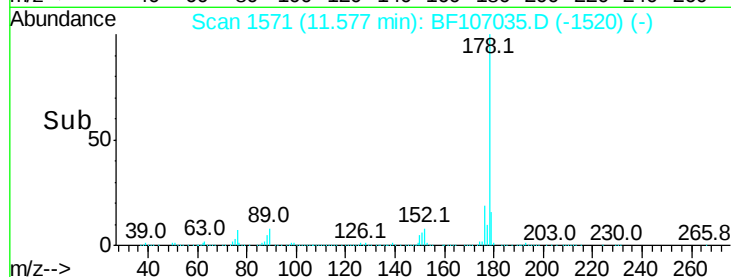
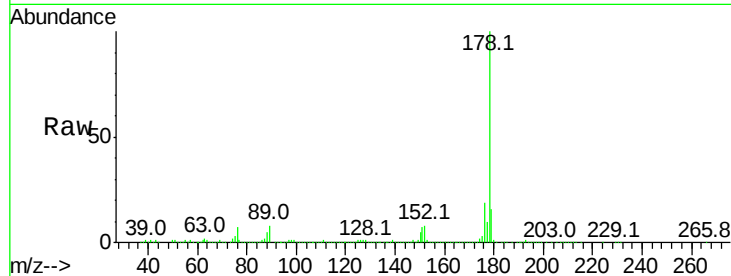
#71
 Anthracene
 Concen: 43.542 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0

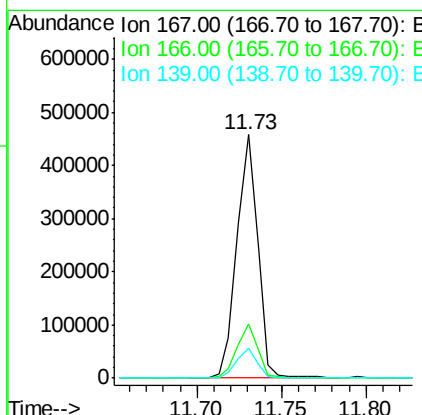
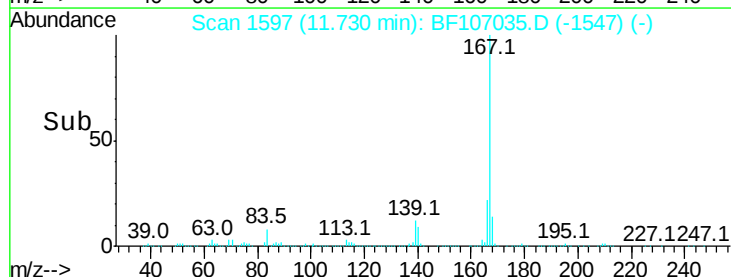
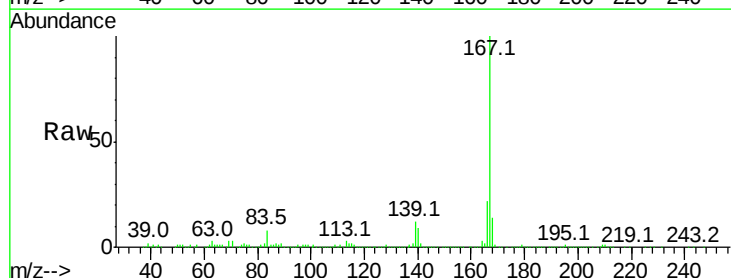
Manual Integrations
 APPROVED

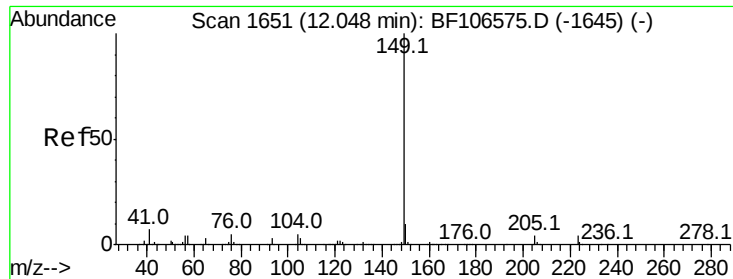
Sohil
 7/3/2018 5:29:40 PM



#72
 Carbazole
 Concen: 31.169 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 30.514 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

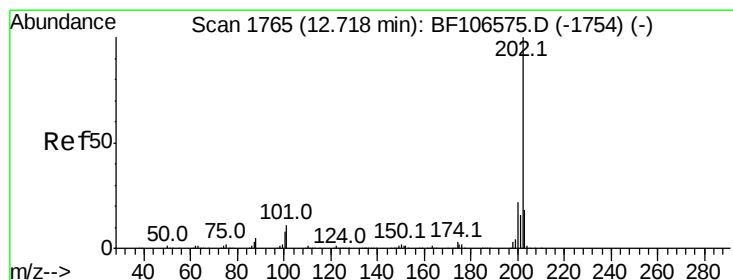
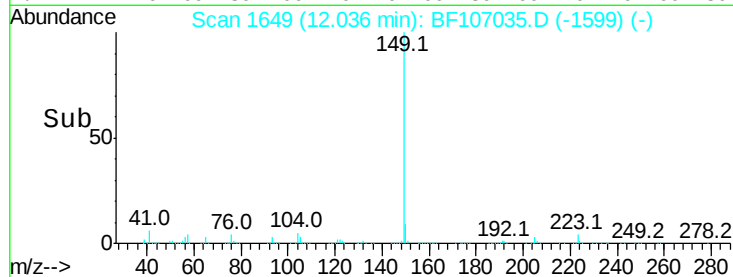
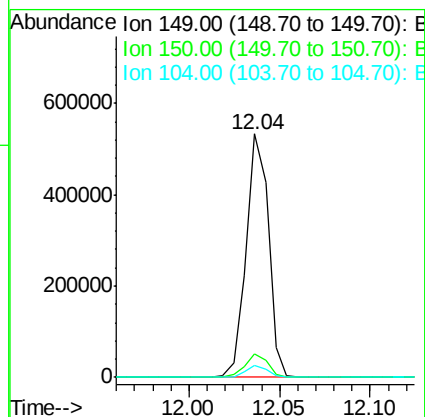
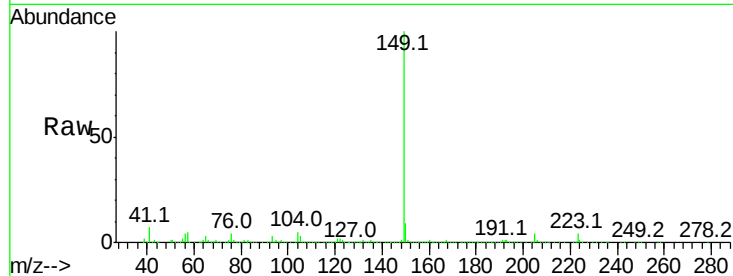
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	149	Resp:	452014
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#74

Fluoranthene

Concen: 79.755 ng

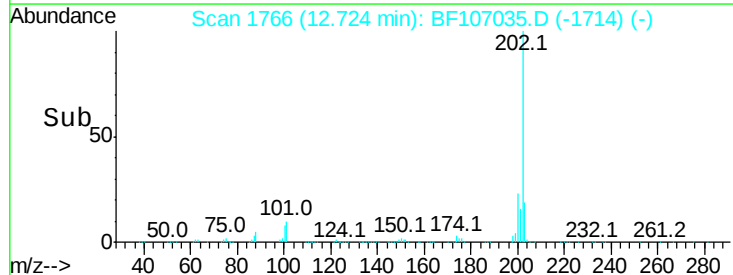
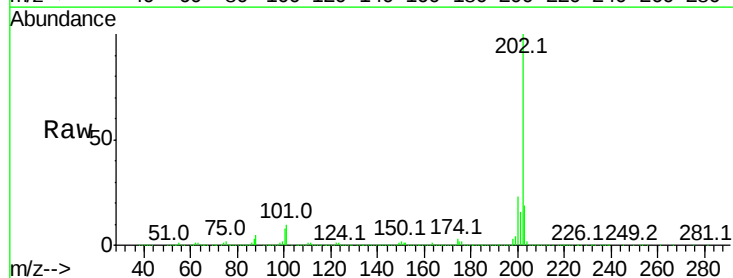
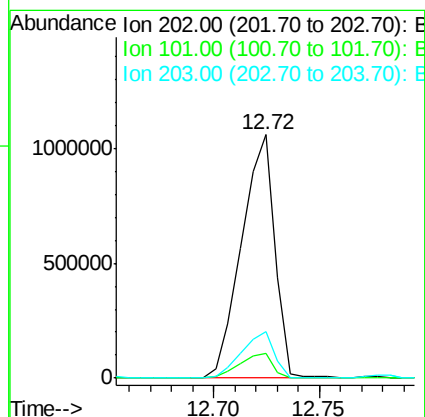
RT: 12.72 min Scan# 1766

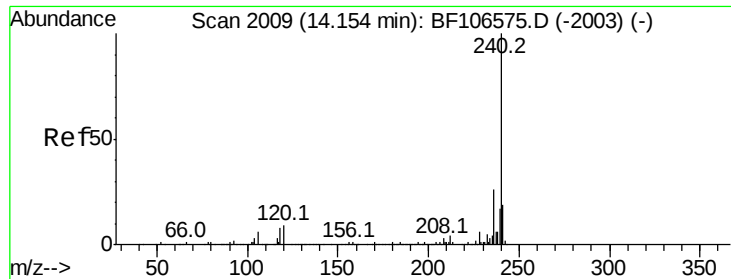
Delta R.T. 0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	202	Resp:	1156669
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.1
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

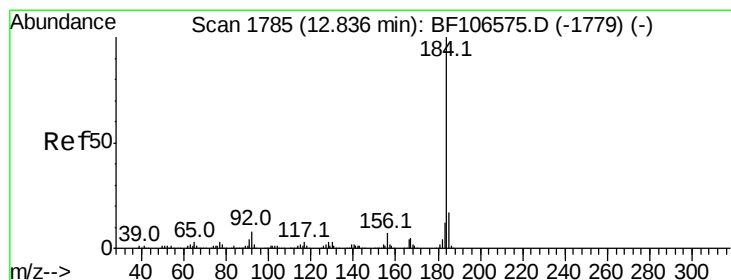
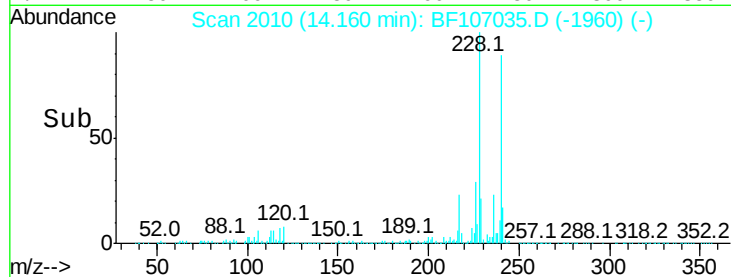
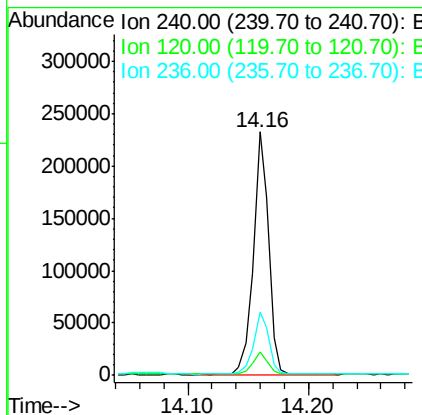
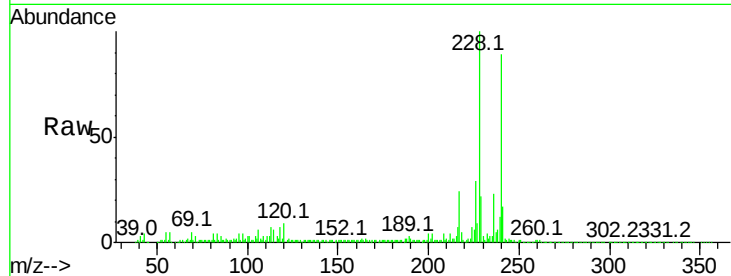
ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:	240	Resp:	206028
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM



#76

Benzidine

Concen: 4.376 ng

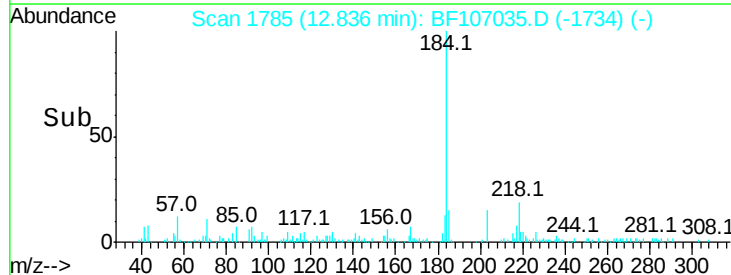
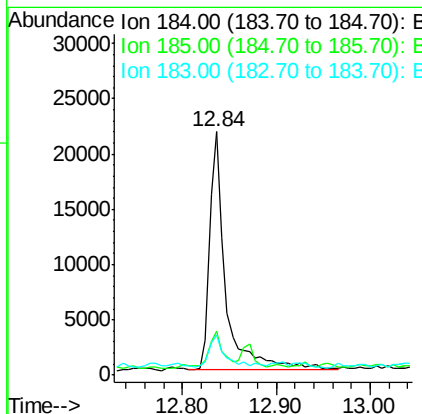
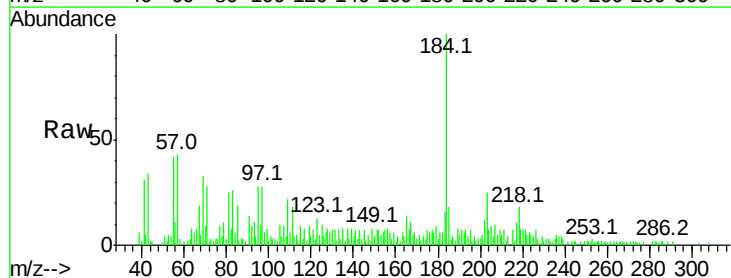
RT: 12.84 min Scan# 1785

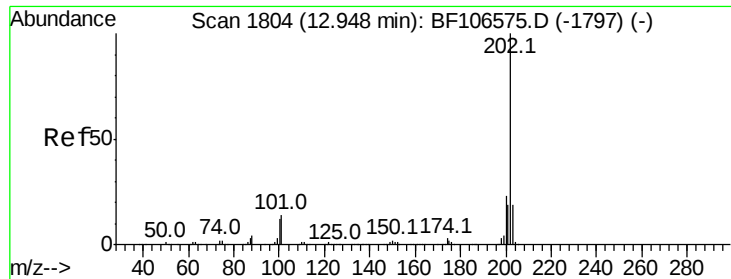
Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:	184	Resp:	25675
Ion Ratio	Lower	Upper	
184	100		
185	18.1	12.6	18.8
183	16.5	9.3	13.9#





#77

Pvrene

Concen: 82.344 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tot Ion:202 Resp: 1118741

Ion Ratio Lower Upper

202 100

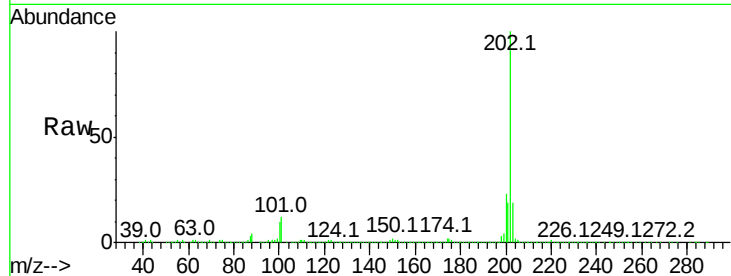
200 22.9 17.4 26.2

203 19.1 14.3 21.5

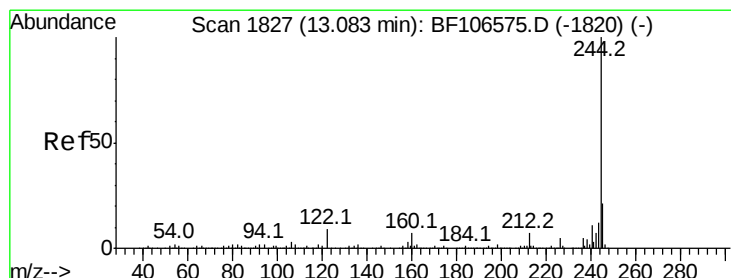
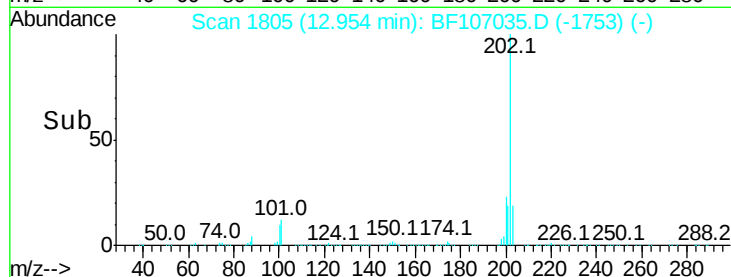
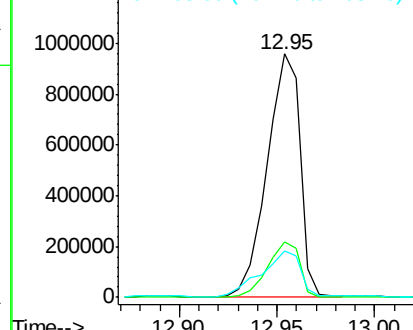
Manual Integrations
APPROVED

Sohil

7/3/2018 5:29:40 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.940 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

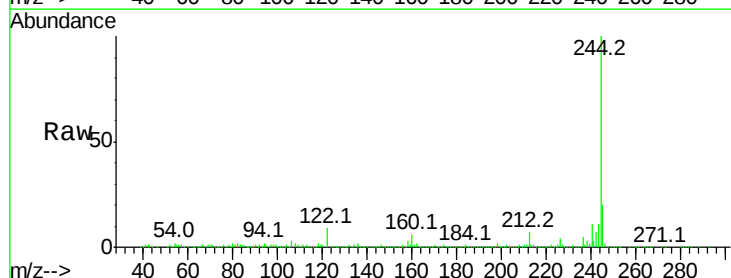
Tgt Ion:244 Resp: 705446

Ion Ratio Lower Upper

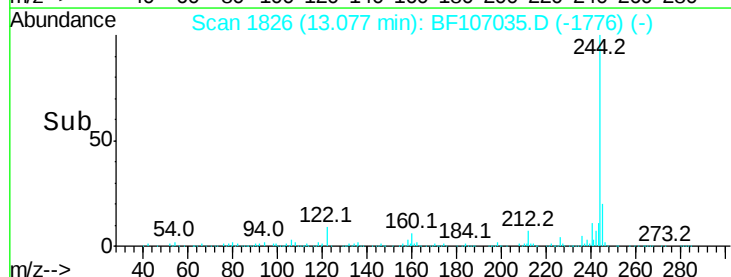
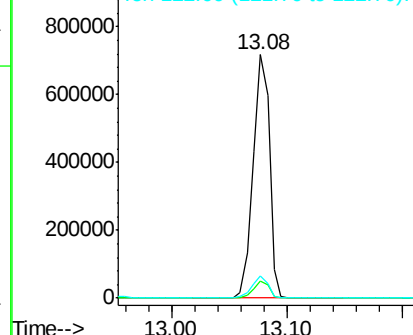
244 100

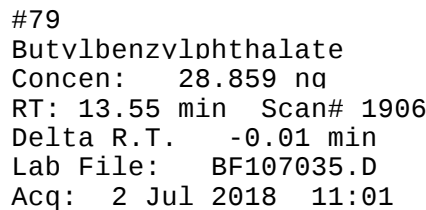
212 6.8 5.4 8.0

122 8.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



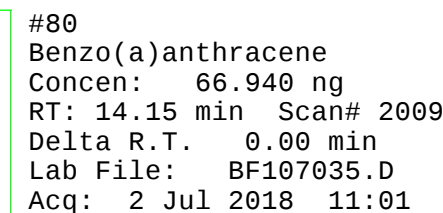
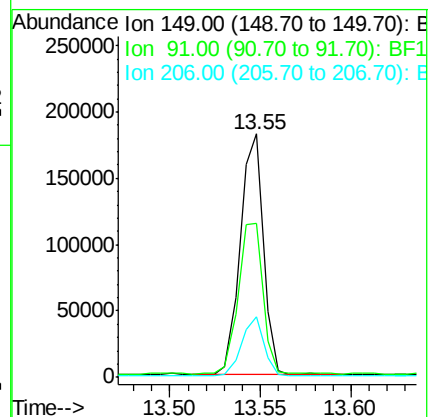


Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

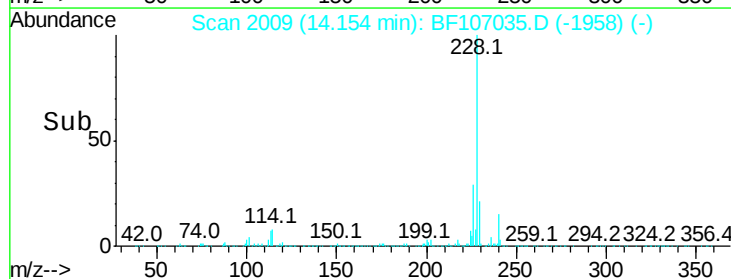
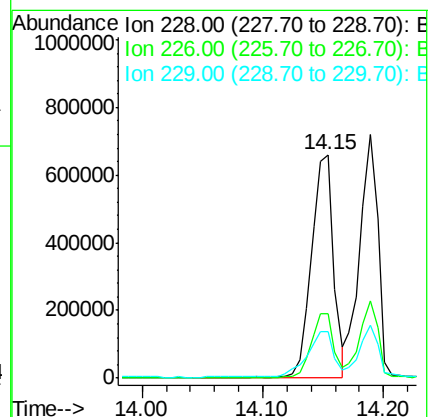
Tot	Ion:149	Resp:	161206
Ion	Ratio	Lower	Upper
149	100		
91	63.4	56.8	85.2
206	25.1	14.1	21.1#

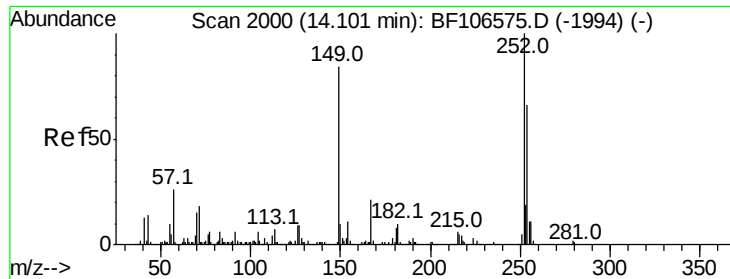
Manual Integrations

Sohil
7/3/2018 5:29:40 PM



Tgt	Ion:228	Resp:	840554
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.0	15.8	23.6





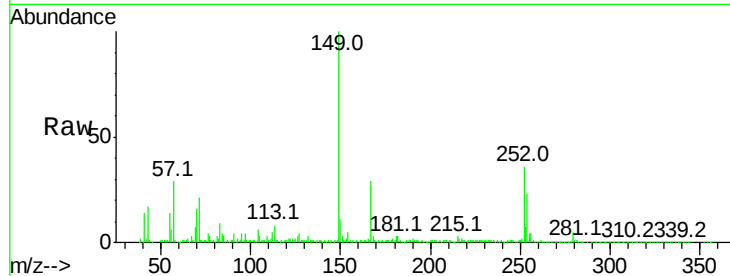
#81
3,3'-Dichlorobenzidine
Concen: 21.272 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	9.6	11.3	16.9

Manual Integrations
APPROVED

Sohil
7/3/2018 5:29:40 PM

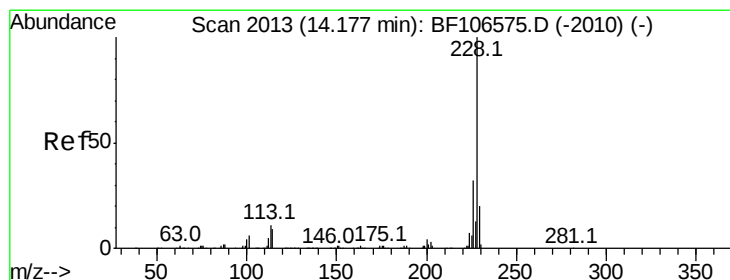
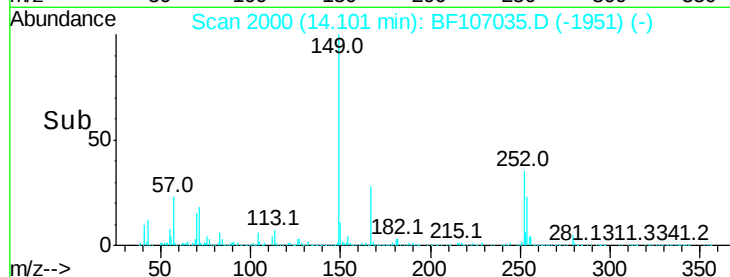
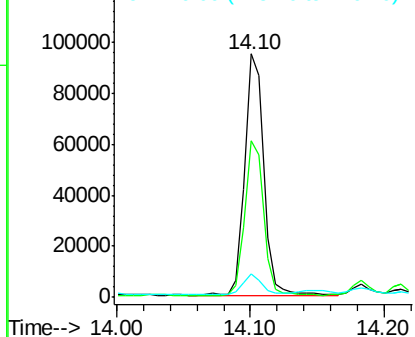


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
Chrysene
Concen: 64.975 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

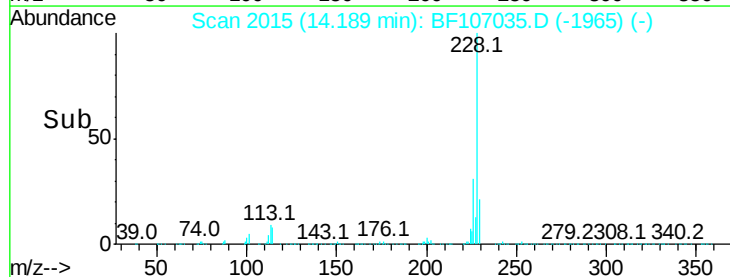
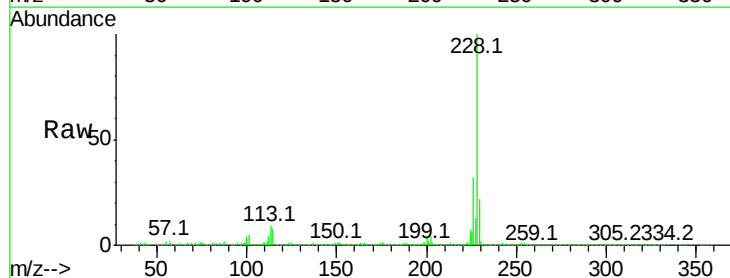
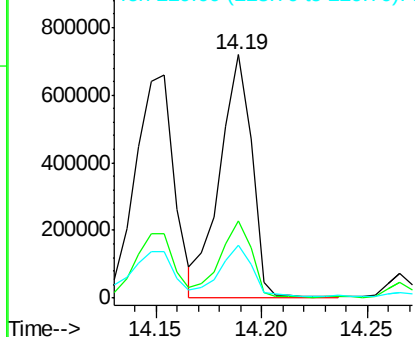
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	21.8	16.2	24.4

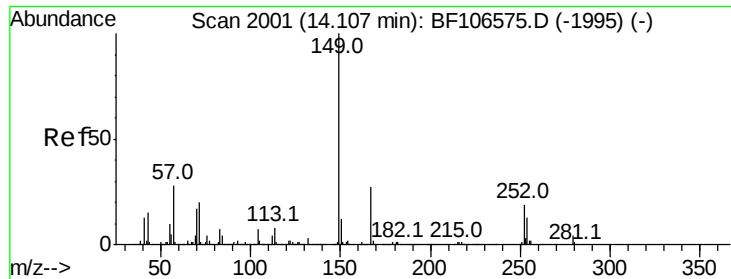
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





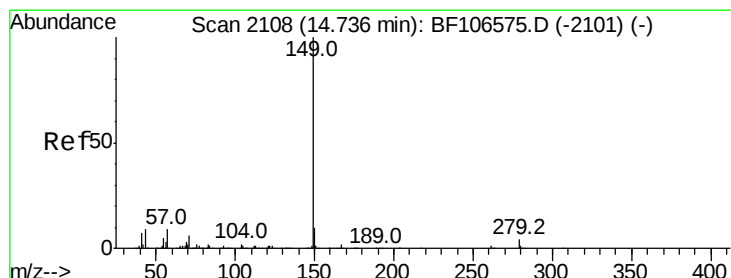
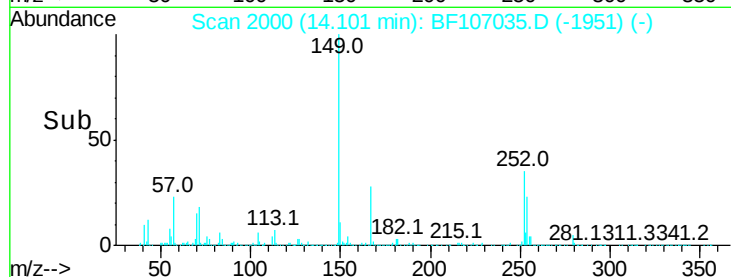
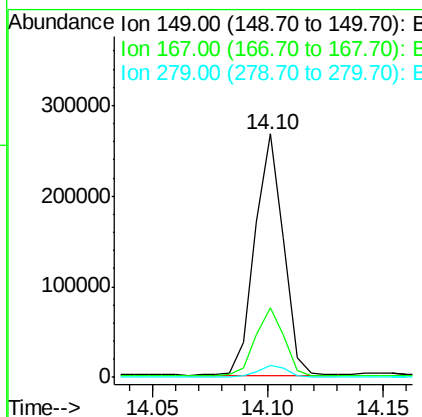
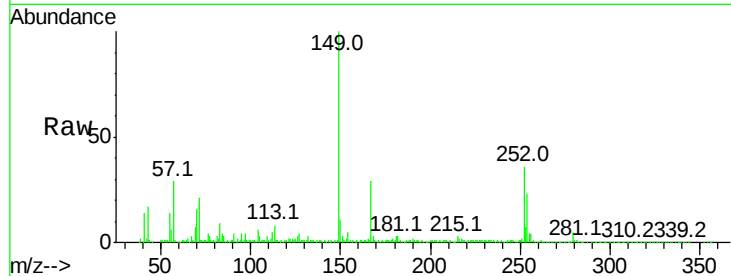
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.114 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.8	21.3	31.9	
279	4.7	3.0	4.4#	

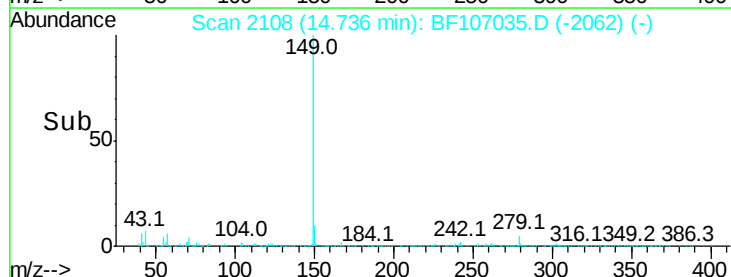
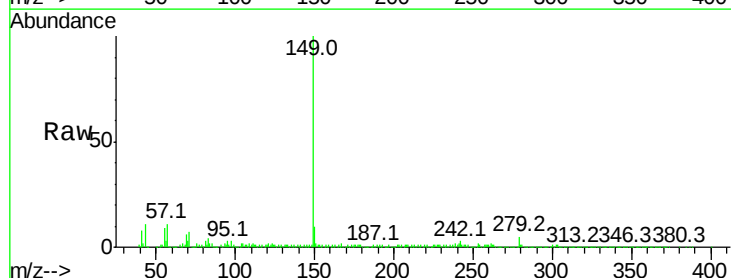
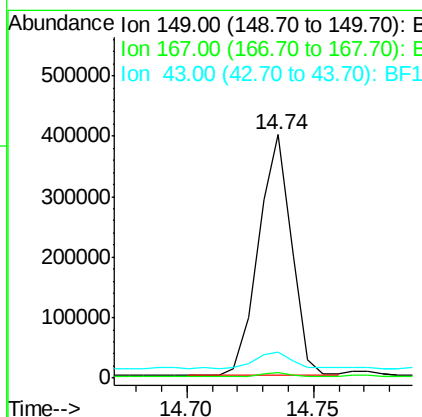
Manual Integrations
 APPROVED

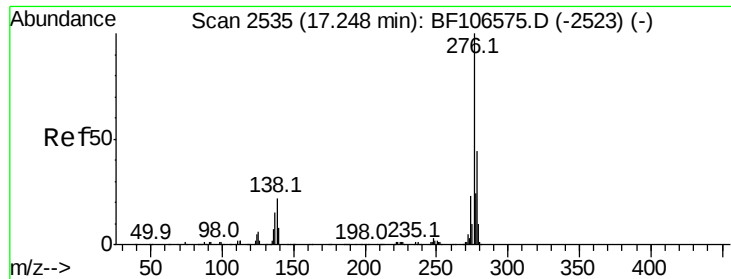
Sohil
 7/3/2018 5:29:40 PM



#84
 Di-n-octyl phthalate
 Concen: 31.086 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.2	1.8#	
43	7.7	8.4	12.6#	





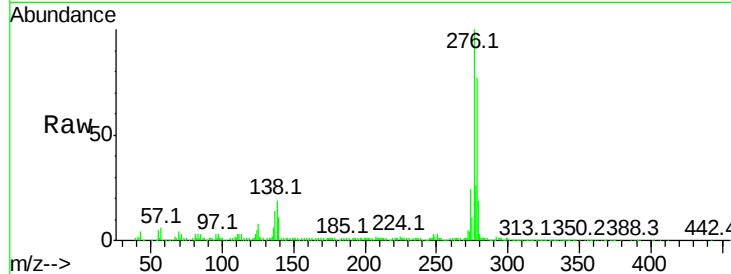
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.882 ng
 RT: 17.32 min Scan# 2547
 Delta R.T. 0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	24.7	20.1	30.1

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:29:40 PM

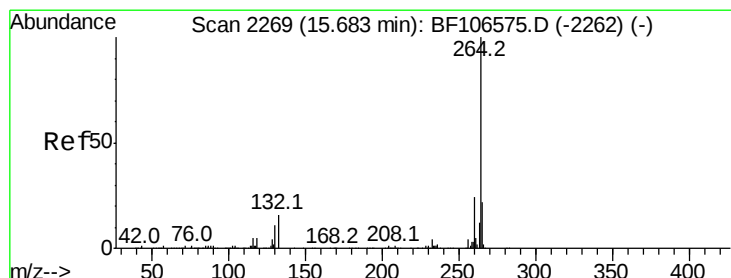
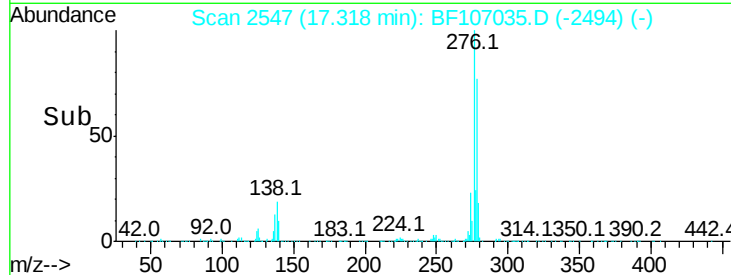
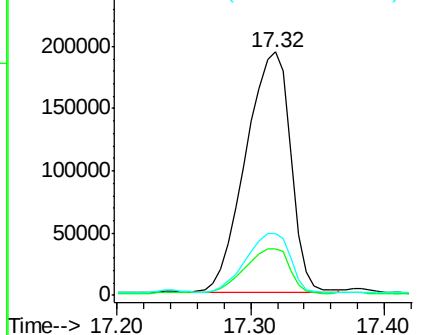


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

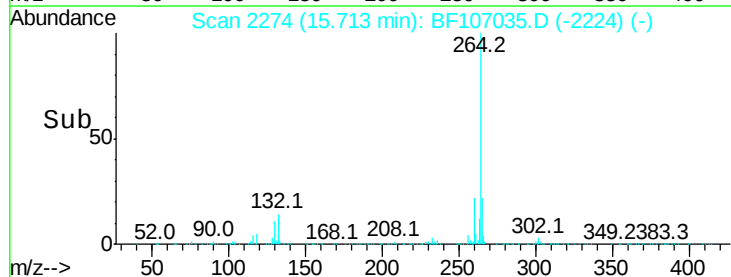
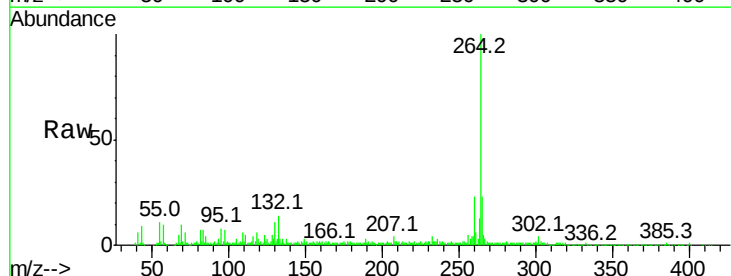
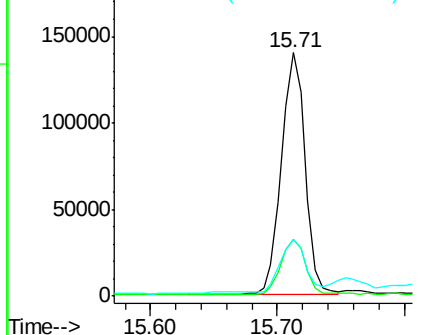
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	23.5	17.5	26.3

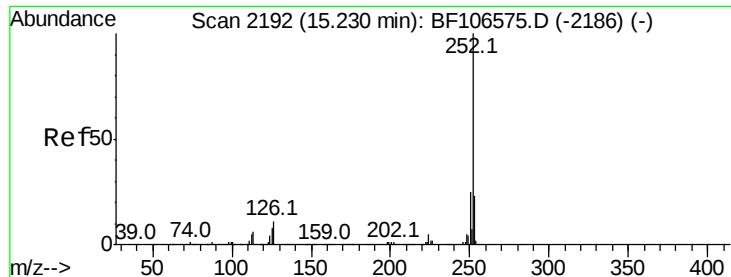
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





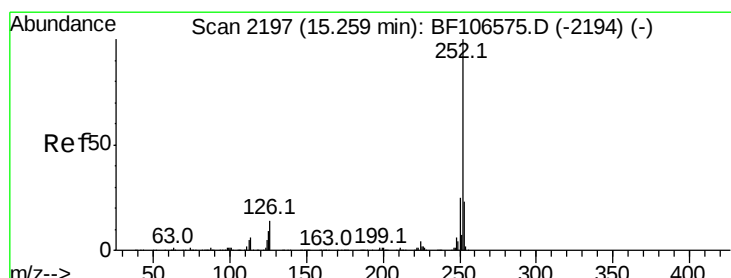
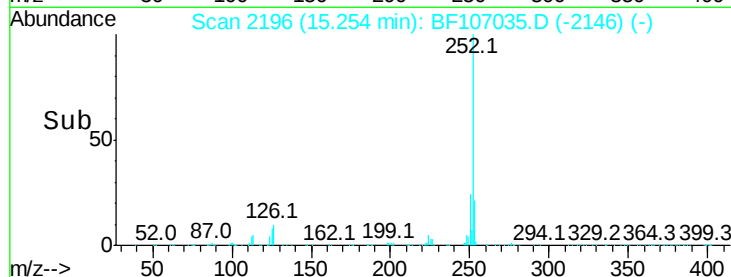
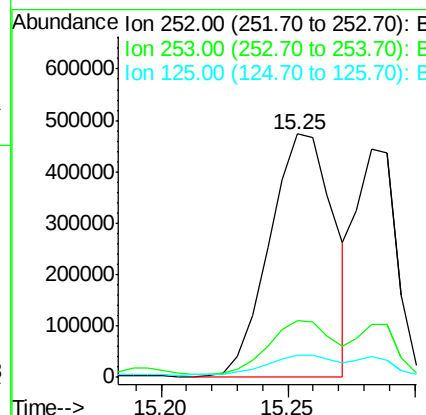
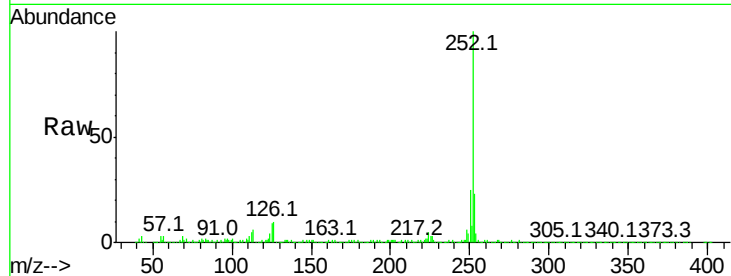
#87
Benzo(b)fluoranthene
Concen: 72.681 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	9.2	9.0	13.6

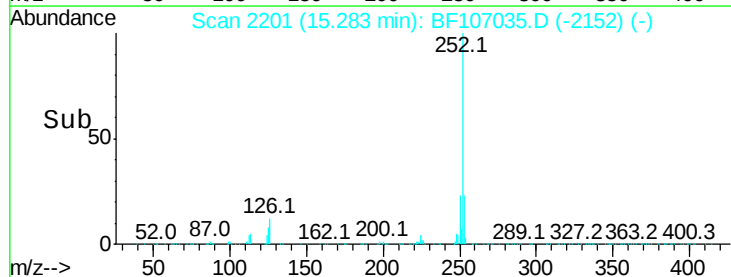
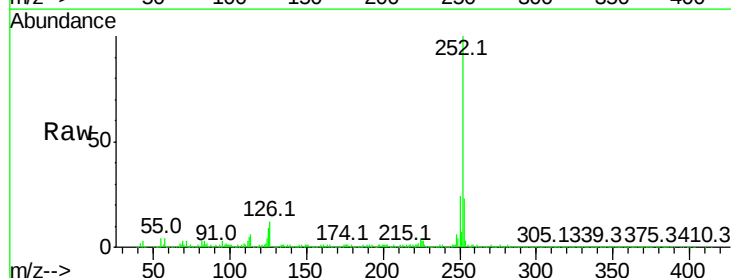
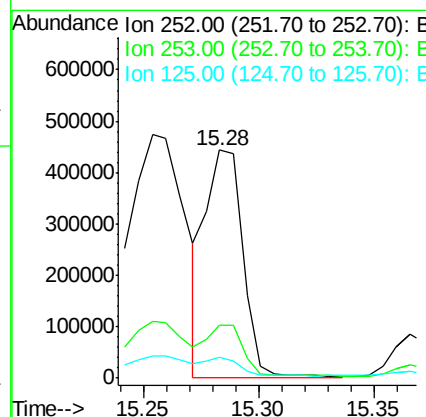
Manual Integrations
APPROVED

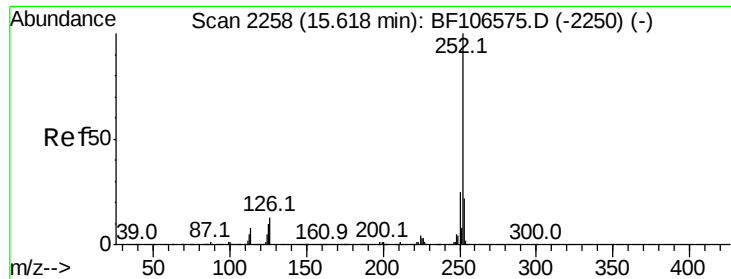
Sohil
7/3/2018 5:29:40 PM



#88
Benzo(k)fluoranthene
Concen: 45.622 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.1	10.2	15.2#





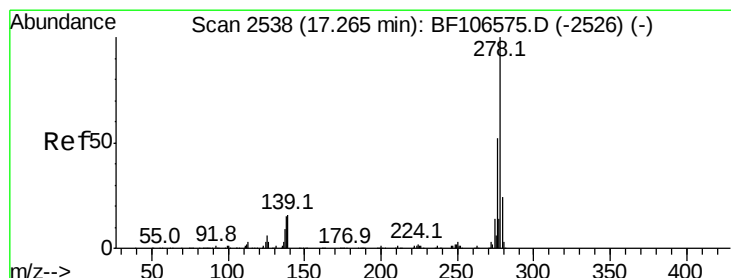
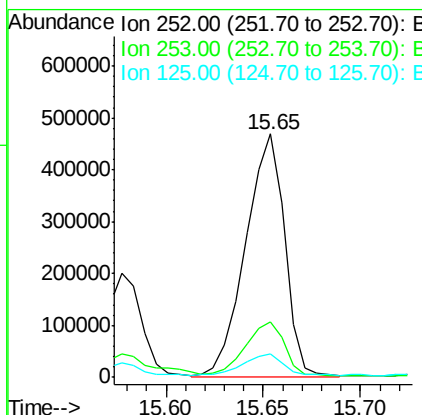
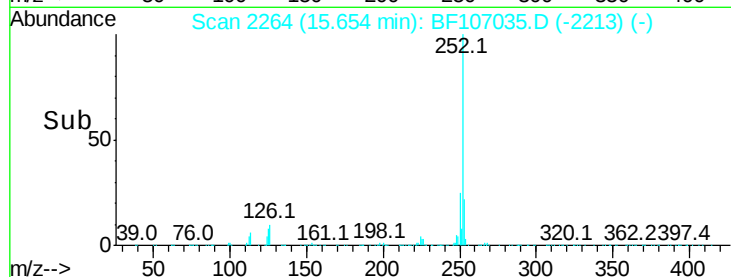
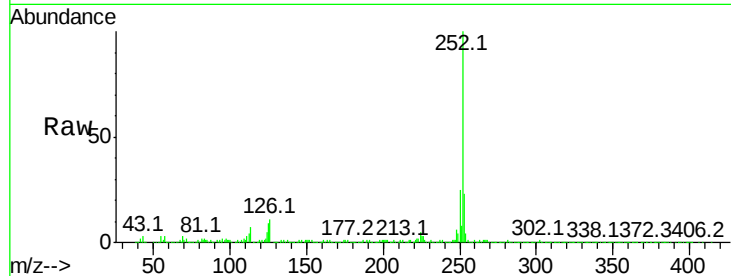
#89
Benzo(a)pyrene
Concen: 64.711 ng/ml
RT: 15.65 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.4	9.8	14.6

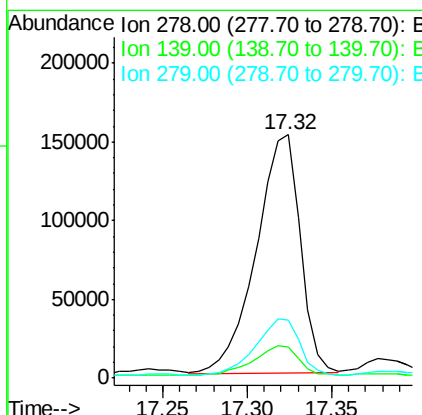
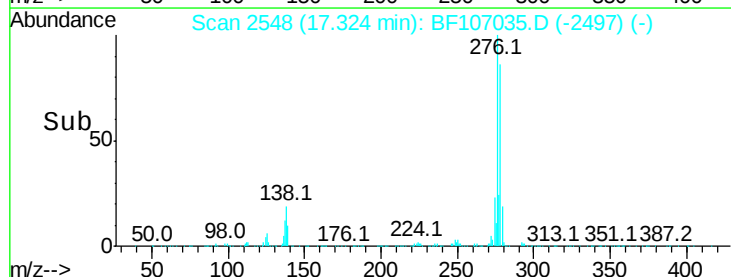
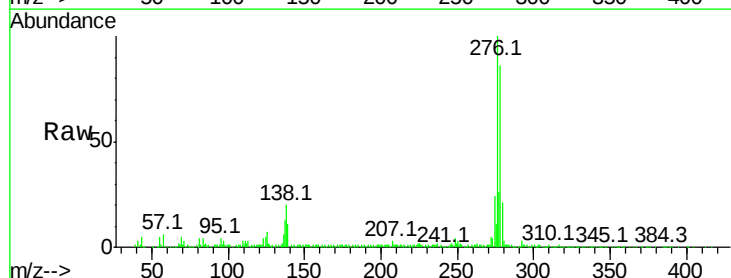
Manual Integrations
APPROVED

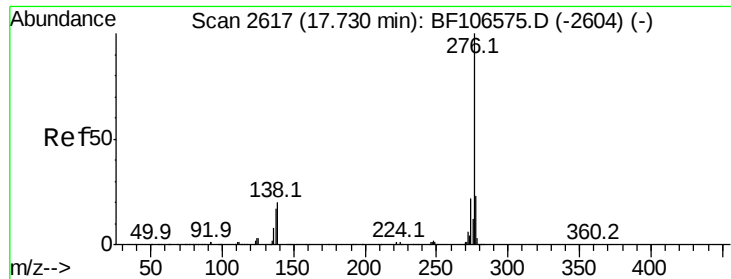
Sohil
7/3/2018 5:29:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.096 ng
RT: 17.32 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.650 ng
 RT: 17.81 min Scan# 2630
 Delta R.T. 0.02 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	17.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:29:40 PM

