

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108761.D
 Acq On : 5 Sep 2018 2:52
 Operator : JU/SJ
 Sample : PB112567BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BS

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:03 PM

Quant Time: Sep 05 08:21:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	68651	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	246641	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	114976	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	235491	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	177342	20.00	ng	-0.01
86) Perylene-d12	15.74	264	126219	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	430175	108.86	ng	-0.02
7) Phenol-d6	6.62	99	577103	101.96	ng	-0.02
23) Nitrobenzene-d5	7.56	82	403389	83.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	161837	106.62	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	762246	89.14	ng	-0.02
78) Terphenyl-d14	13.11	244	894243	97.97	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	64429	35.081	ng	95
3) Pyridine	3.72	79	132293	31.177	ng	# 82
4) n-Nitrosodimethylamine	3.70	42	48541	22.933	ng	85
6) Aniline	6.68	93	140508	23.006	ng	# 80
8) 2-Chlorophenol	6.78	128	190029	39.328	ng	95
9) Benzaldehyde	6.56	77	107438m	30.711	ng	
10) Phenol	6.64	94	187142	28.354	ng	81
11) bis(2-Chloroethyl)ether	6.72	93	212608	36.581	ng	97
12) 1,3-Dichlorobenzene	6.93	146	201937	36.045	ng	98
13) 1,4-Dichlorobenzene	7.01	146	238865	39.060	ng	99
14) 1,2-Dichlorobenzene	7.16	146	230907	41.113	ng	97
15) Benzyl Alcohol	7.14	79	106971m	26.273	ng	
16) 2,2'-oxybis(1-Chloropropan	7.25	45	351764	39.453	ng	76
17) 2-Methylphenol	7.24	107	129439	34.455	ng	# 72
18) Hexachloroethane	7.50	117	67302	32.001	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	141171	37.245	ng	91
20) 3+4-Methylphenols	7.40	107	144065	30.607	ng	# 18
22) Acetophenone	7.40	105	275655	44.770	ng	# 88
24) Nitrobenzene	7.58	77	183308	37.205	ng	94
25) Isophorone	7.80	82	371286	45.998	ng	95
26) 2-Nitrophenol	7.90	139	63230	28.349	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	161909	49.913	ng	96
28) bis(2-Chloroethoxy)methane	8.01	93	210752	41.332	ng	99
29) 2,4-Dichlorophenol	8.14	162	145782	37.882	ng	99
30) 1,2,4-Trichlorobenzene	8.21	180	173615	40.344	ng	95
31) Naphthalene	8.30	128	556115	47.338	ng	99
32) Benzoic acid	8.05	122	28784m	13.837	ng	
33) 4-Chloroaniline	8.36	127	139263	26.854	ng	93
34) Hexachlorobutadiene	8.40	225	119730	42.373	ng	99
35) Caprolactam	8.71	113	37512	36.581	ng	94
36) 4-Chloro-3-methylphenol	8.83	107	150251	36.377	ng	100
37) 2-Methylnaphthalene	8.99	142	342375	43.075	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	181577	44.484	ng	# 96
40) Hexachlorocyclopentadiene	9.12	237	12547	13.684	ng	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108761.D
 Acq On : 5 Sep 2018 2:52
 Operator : JU/SJ
 Sample : PB112567BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BS

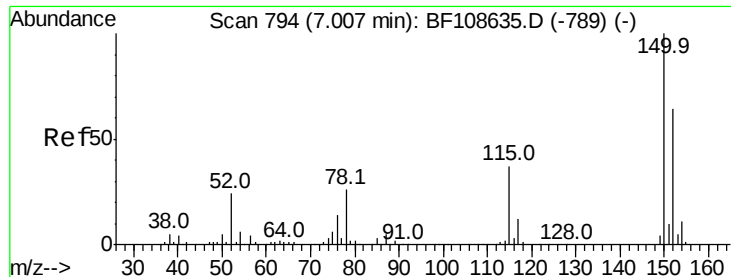
Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:03 PM

Quant Time: Sep 05 08:21:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	89294	36.941	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	129071	45.791	nq	95
45) 1,1'-Biphenyl	9.45	154	435085	43.468	nq	99
46) 2-Chloronaphthalene	9.48	162	333592	42.571	nq	98
47) 2-Nitroaniline	9.59	65	111360	42.490	nq	86
48) Acenaphthylene	9.90	152	514051	44.808	nq	99
49) Dimethylphthalate	9.74	163	393979	43.515	nq	# 99
50) 2,6-Dinitrotoluene	9.82	165	73927	37.043	nq	# 90
51) Acenaphthene	10.07	154	300366	43.789	nq	100
52) 3-Nitroaniline	10.01	138	95671	44.314	nq	91
54) Dibenzofuran	10.24	168	445581	41.514	nq	96
55) 4-Nitrophenol	10.19	139	48100	37.605	nq	# 81
56) 2,4-Dinitrotoluene	10.23	165	89128	33.729	nq	# 89
57) Fluorene	10.59	166	366075	44.010	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.36	232	98220	38.897	nq	# 83
59) Diethylphthalate	10.44	149	384481	42.150	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	189507	40.149	nq	91
61) 4-Nitroaniline	10.63	138	89694	42.934	nq	93
62) Azobenzene	10.73	77	370933	40.912	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	2367	2.265	nq	# 1
65) n-Nitrosodiphenylamine	10.70	169	324204	41.438	nq	96
66) 4-Bromophenyl-phenylether	11.07	248	122268	42.245	nq	# 85
67) Hexachlorobenzene	11.14	284	126671	40.624	nq	# 84
68) Atrazine	11.21	200	110234	57.484	nq	96
69) Pentachlorophenol	11.34	266	87438	52.772	nq	99
70) Phenanthrene	11.55	178	516688	43.469	nq	99
71) Anthracene	11.61	178	621336	49.749	nq	99
72) Carbazole	11.77	167	518744	42.955	nq	99
73) Di-n-butylphthalate	12.07	149	614485	44.226	nq	99
74) Fluoranthene	12.75	202	637128	47.619	nq	93
76) Benzidine	12.88	184	492472	98.653	nq	99
77) Pyrene	12.98	202	610787	45.816	nq	100
79) Butylbenzylphthalate	13.58	149	268595	47.915	nq	97
80) Benzo(a)anthracene	14.18	228	457003	42.271	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	186421	47.547	nq	# 96
82) Chrysene	14.21	228	484226	46.574	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	361800	50.213	nq	100
84) Di-n-octyl phthalate	14.75	149	545702	51.511	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	323075	44.690	nq	# 89
87) Benzo(b)fluoranthene	15.27	252	324370	41.835	nq	# 97
88) Benzo(k)fluoranthene	15.30	252	364374	47.440	nq	# 96
89) Benzo(a)pyrene	15.67	252	320666	45.764	nq	# 97
90) Dibenzo(a,h)anthracene	17.37	278	279173	49.886	nq	# 92
91) Benzo(g,h,i)perylene	17.85	276	265306	48.778	nq	# 88

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



#1

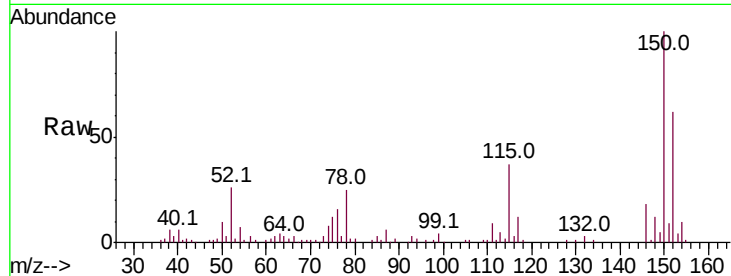
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

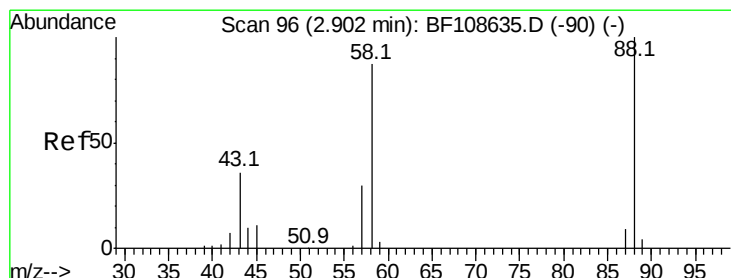
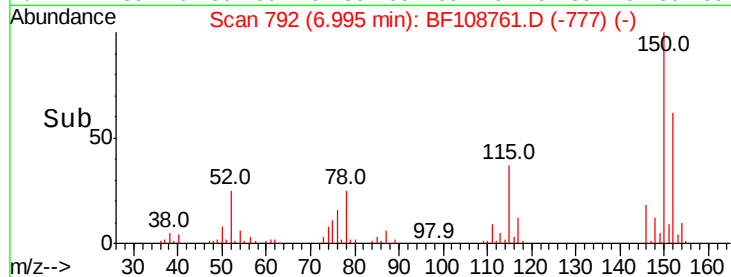
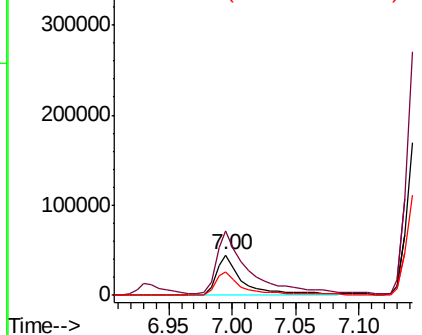
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	58.6	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



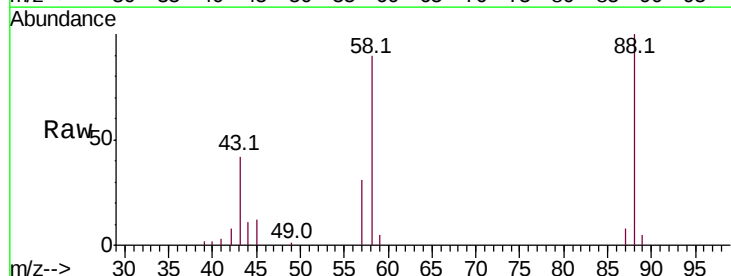
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



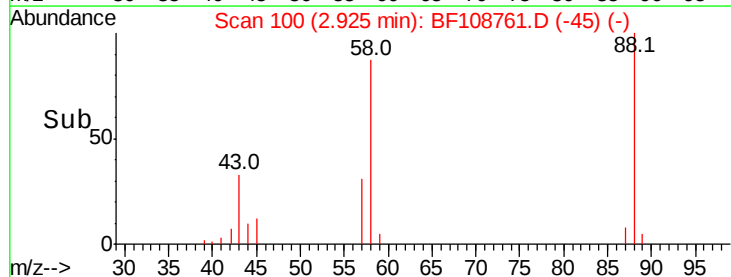
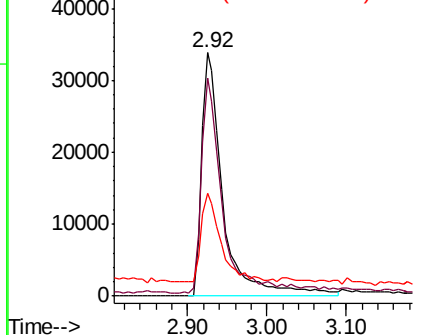
#2

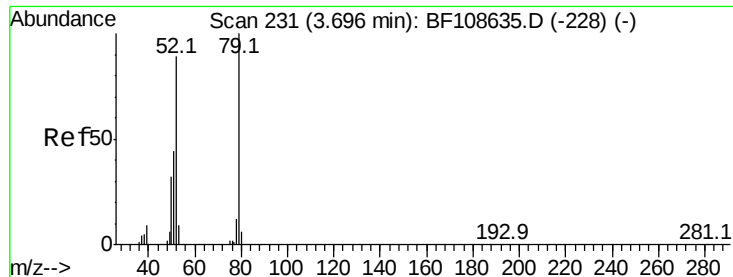
1,4-Dioxane
Concen: 35.081 ng
RT: 2.92 min Scan# 100
Delta R.T. 0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	62.6	93.8
43	33.7	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: 31.177 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

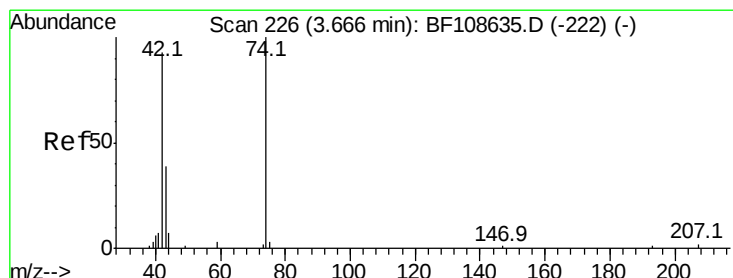
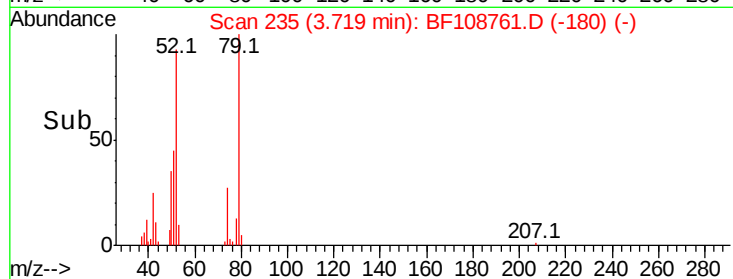
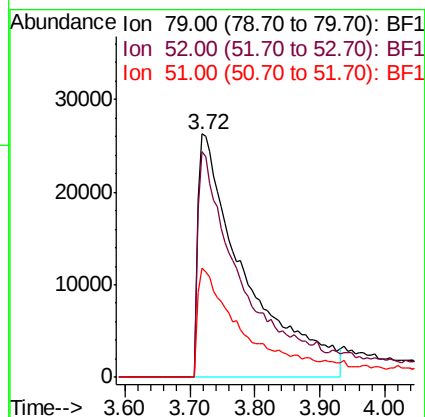
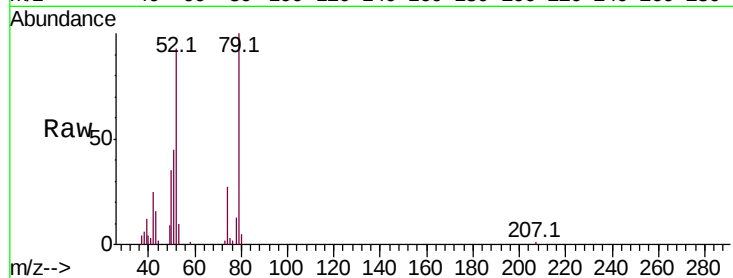
ClientSampleId :

PB112567BS

Tot Ion:	79	Resp:	132293
Ion Ratio	Lower	Upper	
79	100		
52	92.8	59.8	89.6#
51	44.7	29.8	44.8

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#4

n-Nitrosodimethylamine

Concen: 22.933 ng

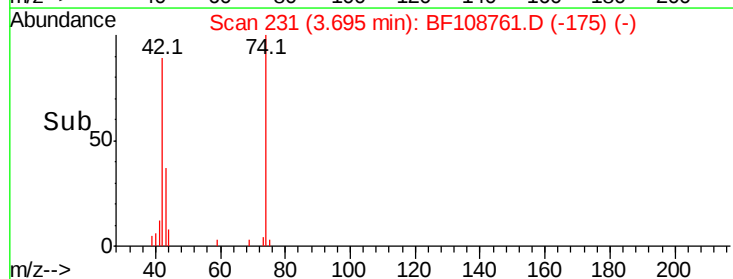
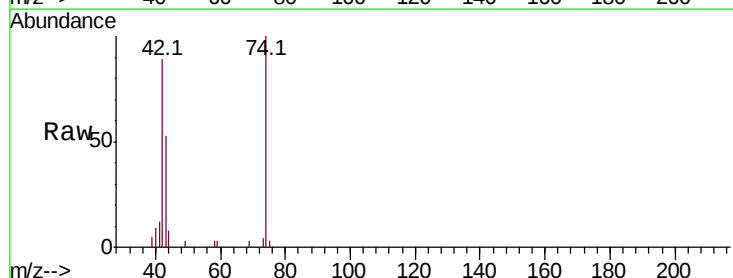
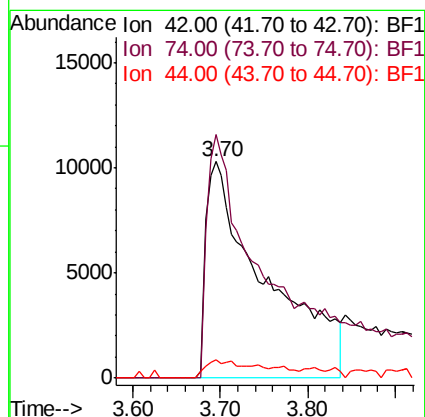
RT: 3.70 min Scan# 231

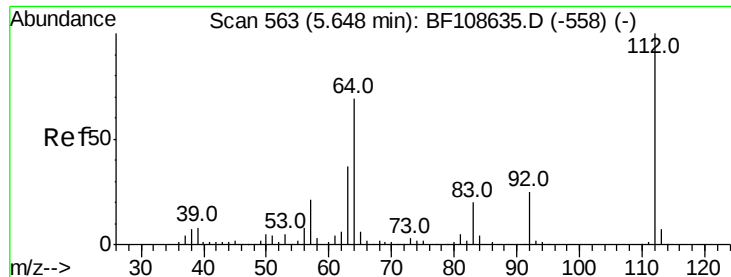
Delta R.T. 0.03 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	42	Resp:	48541
Ion Ratio	Lower	Upper	
42	100		
74	112.5	104.9	157.3
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 108.855 ng

RT: 5.63 min Scan# 560

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

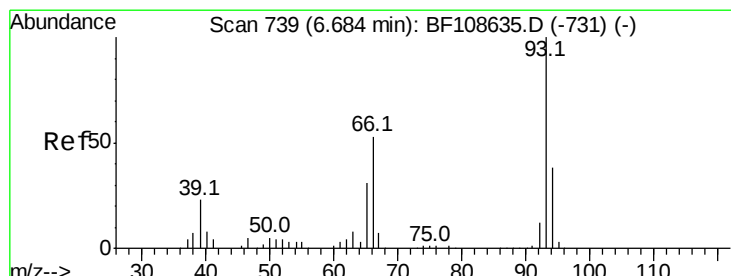
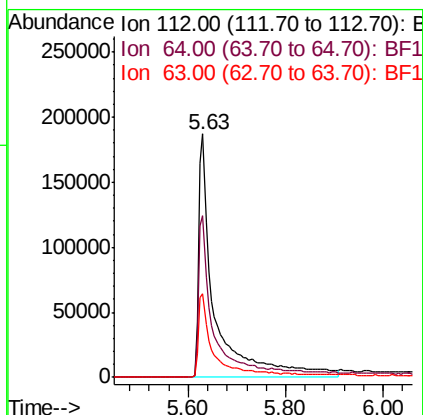
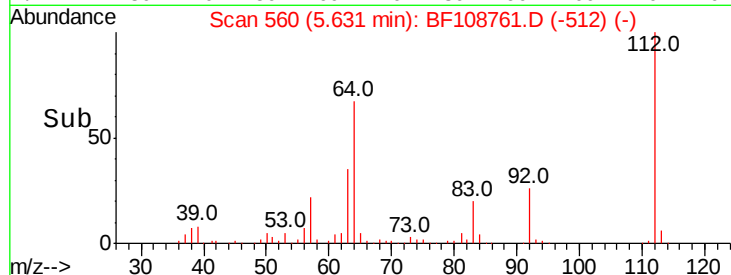
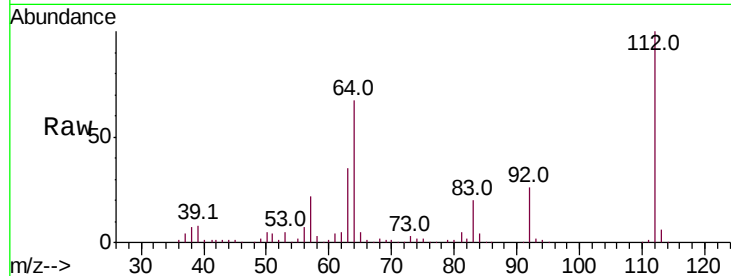
ClientSampleId :

PB112567BS

Tot Ion:	112	Resp:	430175
Ion Ratio	Lower	Upper	
112	100		
64	66.6	47.9	71.9
63	34.6	23.7	35.5

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#6

Aniline

Concen: 23.006 ng

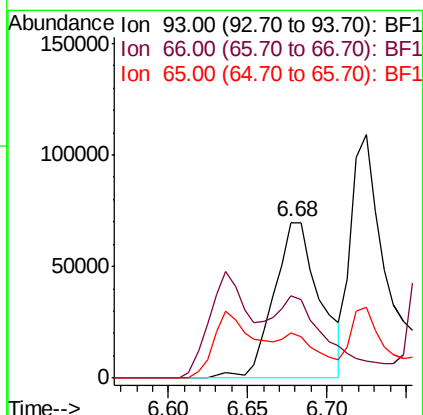
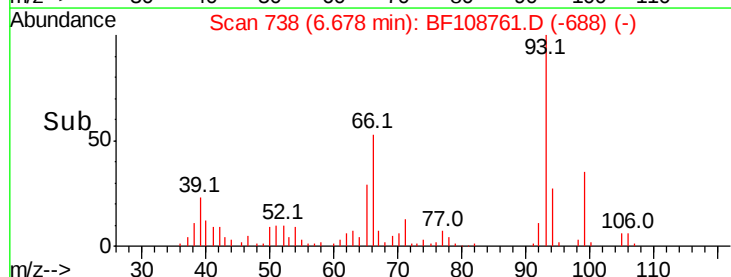
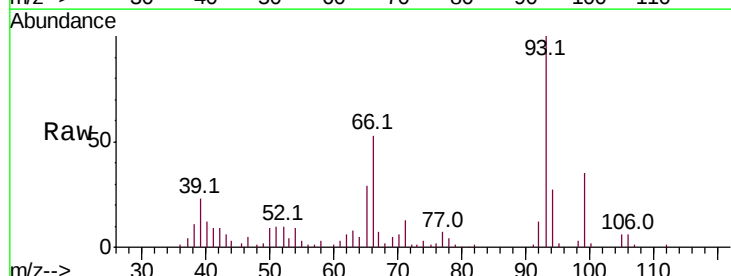
RT: 6.68 min Scan# 738

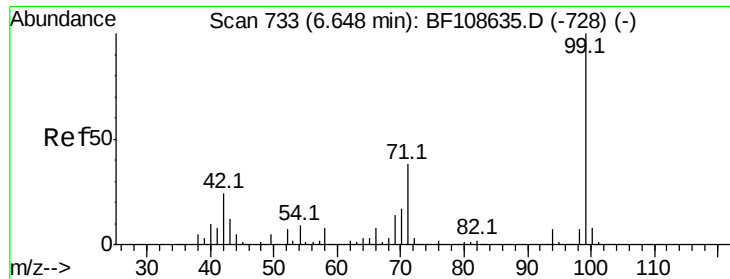
Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	93	Resp:	140508
Ion Ratio	Lower	Upper	
93	100		
66	52.8	32.2	48.2#
65	29.4	16.4	24.6#





#7

Phenol-d6

Concen: 101.962 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

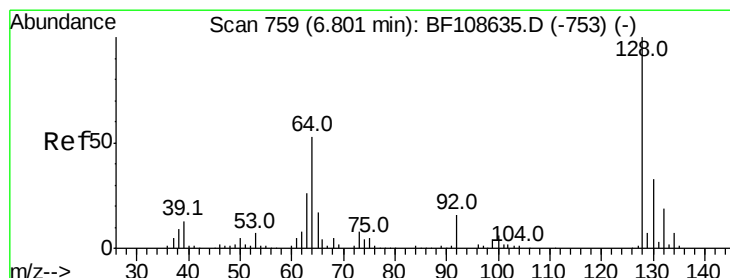
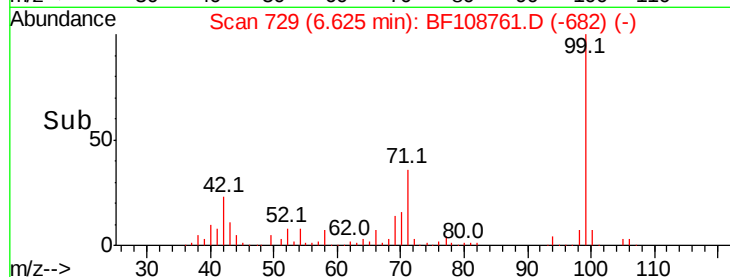
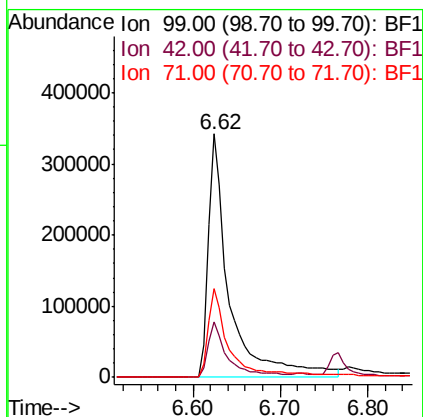
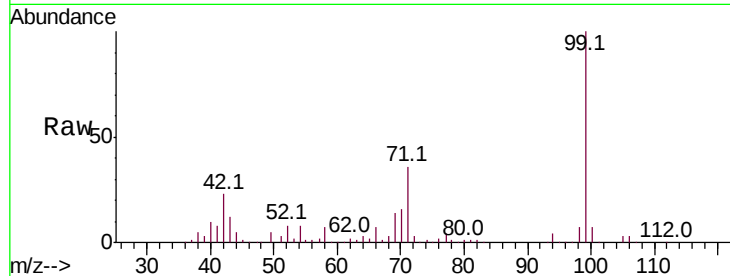
ClientSampleId :

PB112567BS

Tot Ion	99	Resp	577103
Ion Ratio	Lower	Upper	
99	100		
42	22.7	14.5	21.7#
71	36.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#8

2-Chlorophenol

Concen: 39.328 ng

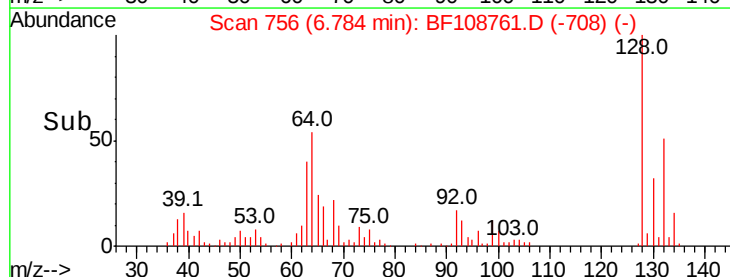
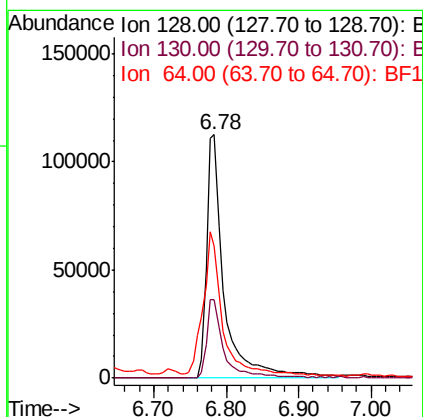
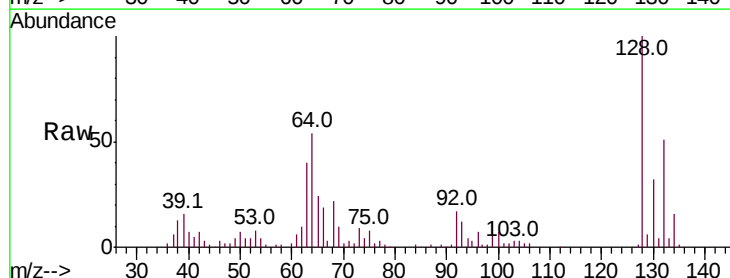
RT: 6.78 min Scan# 756

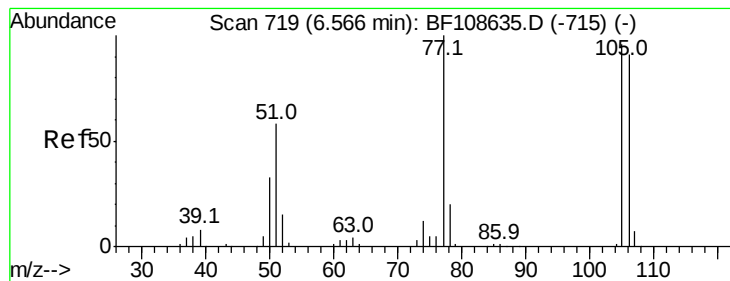
Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion	128	Resp	190029
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	54.1	29.4	69.4





#9

Benzaldehyde

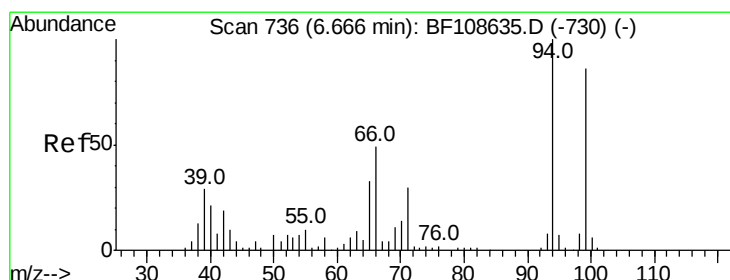
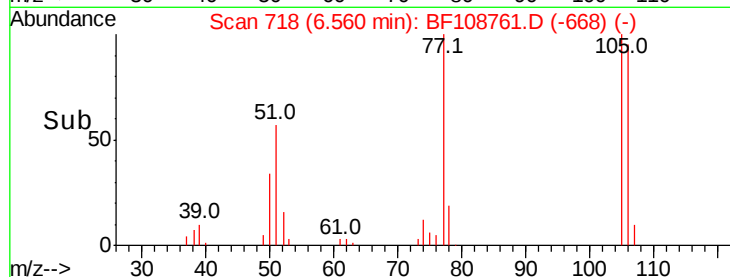
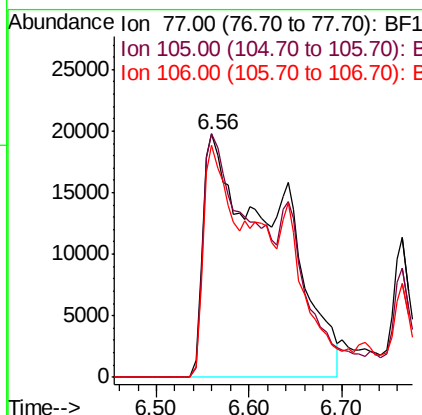
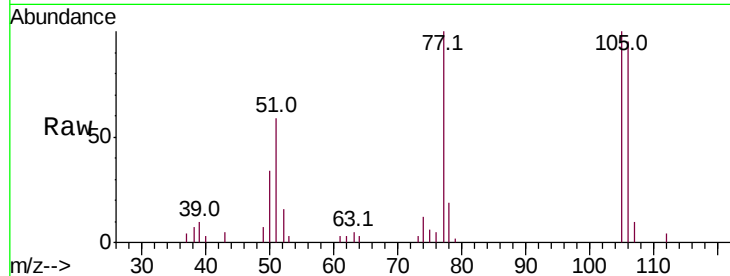
Concen: 30.711 ng/ml
 RT: 6.56 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampleID :
 PB112567BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.2	81.1	121.1
106	95.4	74.5	114.5

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:03 PM

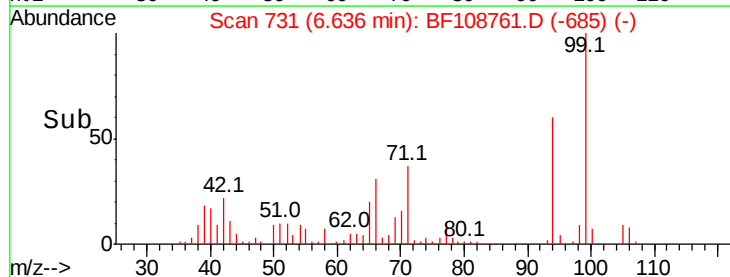
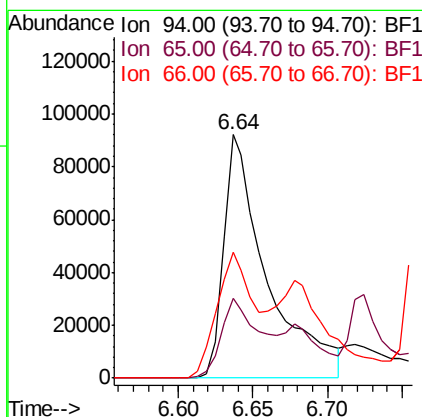
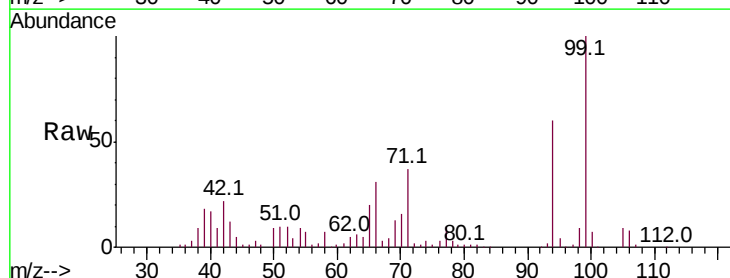


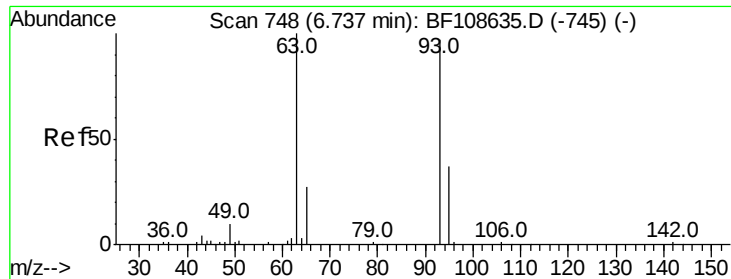
#10

Phenol

Concen: 28.354 ng/ml
 RT: 6.64 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	51.9	16.2	56.2





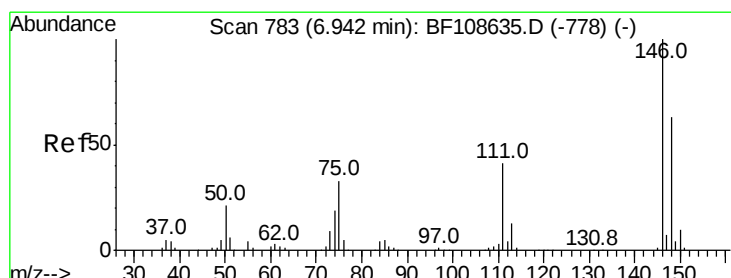
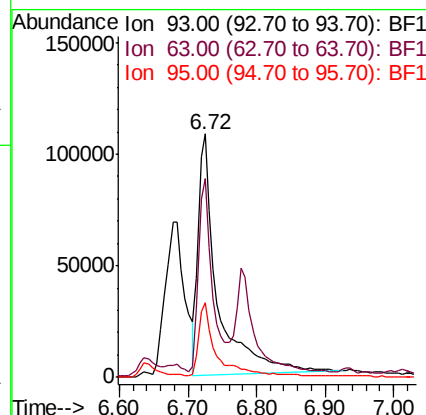
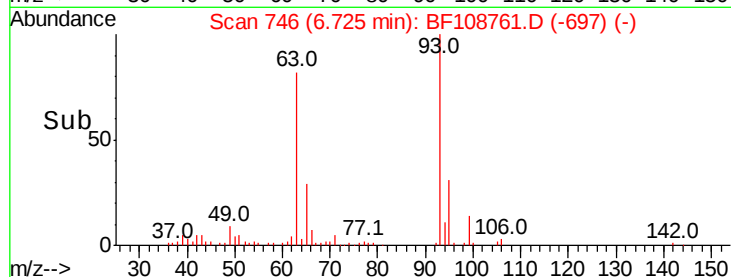
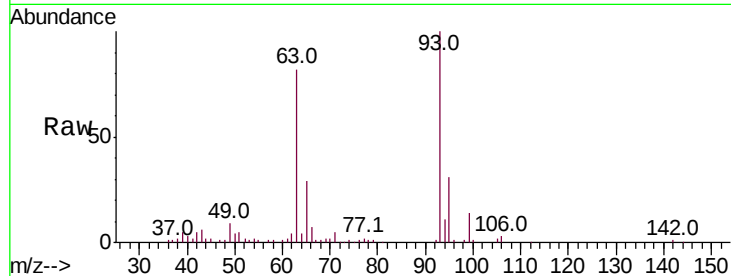
#11
bis(2-Chloroethyl)ether
Concen: 36.581 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.8	58.6	98.6
95	30.8	11.8	51.8

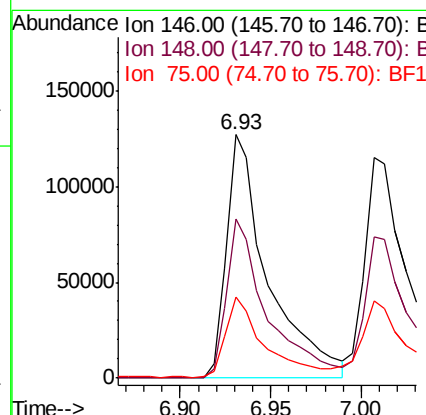
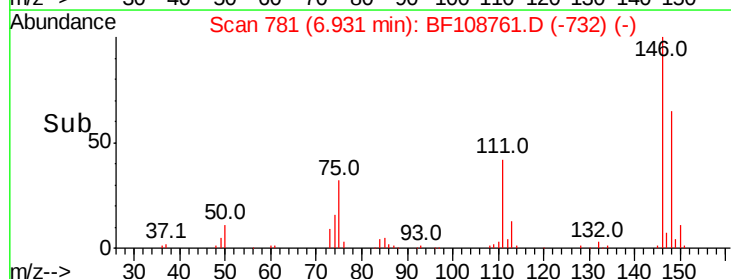
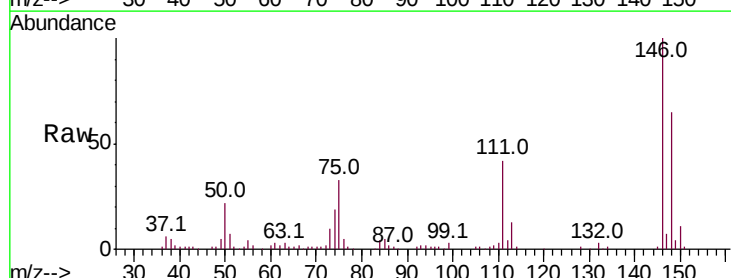
Manual Integrations
APPROVED

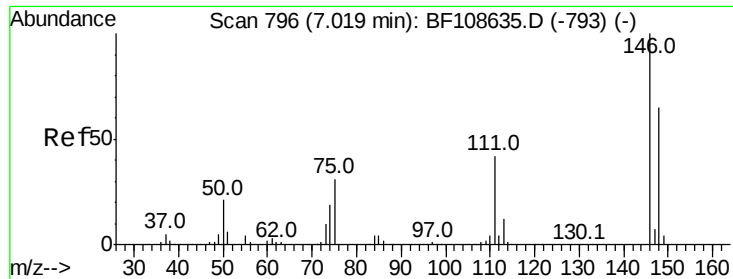
Sohil
9/5/2018 12:48:03 PM



#12
1,3-Dichlorobenzene
Concen: 36.045 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	33.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.060 ng

RT: 7.01 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

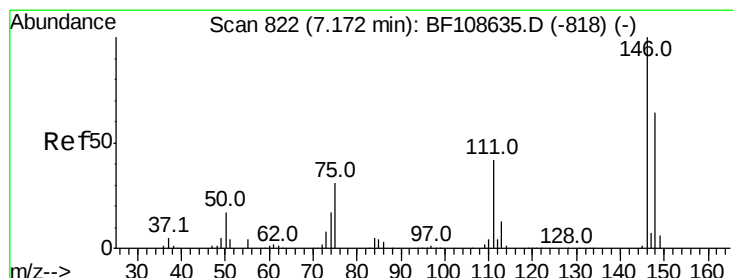
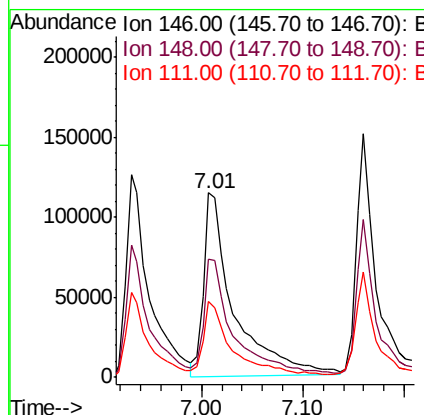
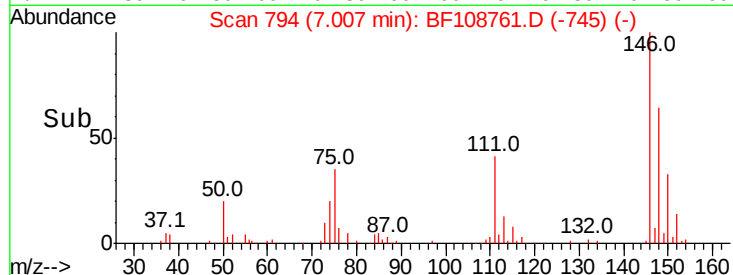
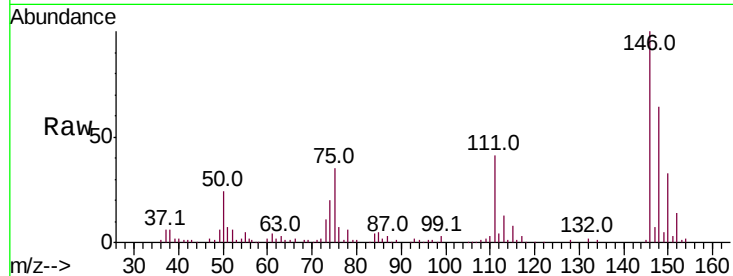
ClientSampled :

PB112567BS

Tot Ion:	146	Resp:	238865
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	41.0	34.2	51.2

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#14

1,2-Dichlorobenzene

Concen: 41.113 ng

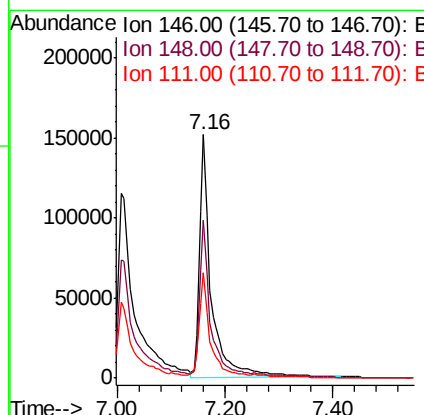
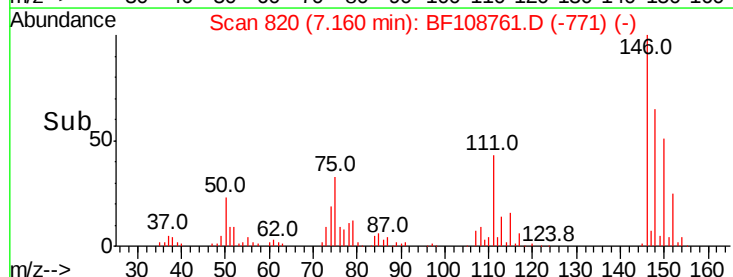
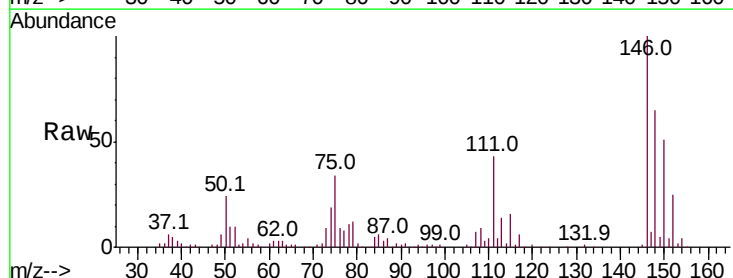
RT: 7.16 min Scan# 820

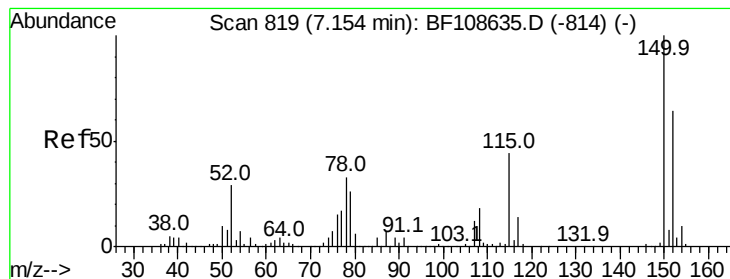
Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	146	Resp:	230907
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 26.273 ng/ml

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

ClientSampleID :

PB112567BS

Tot Ion: 79 Resp: 106971

Ion Ratio Lower Upper

79 100

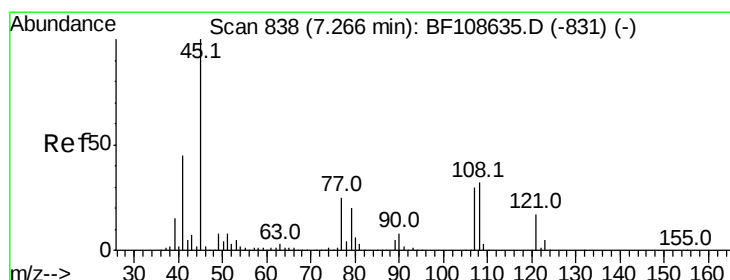
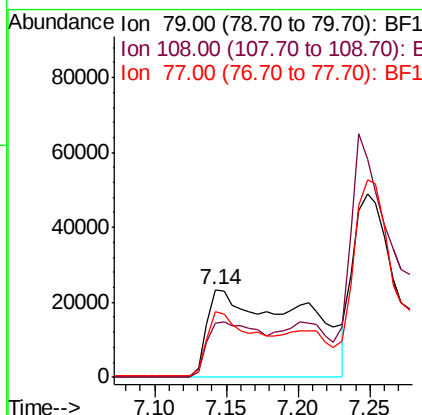
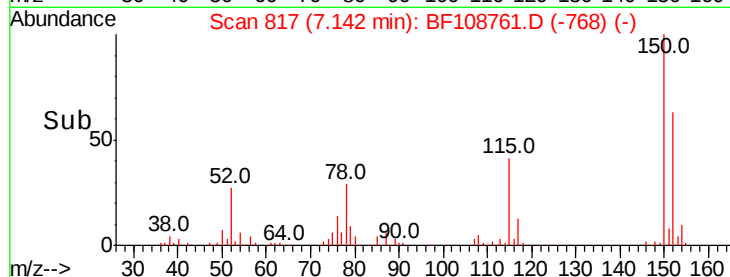
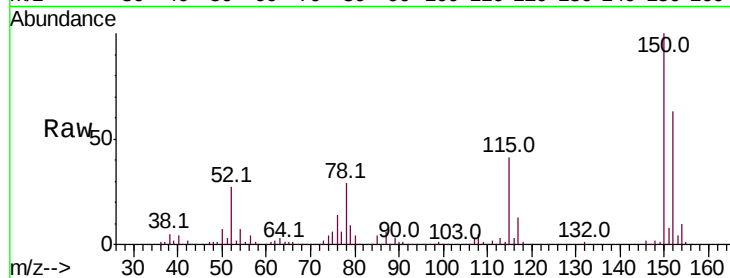
108 61.1 65.1 97.7#

77 74.1 50.6 75.8

Manual Integrations
APPROVED

Sohil

9/5/2018 12:48:03 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.453 ng/ml

RT: 7.25 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

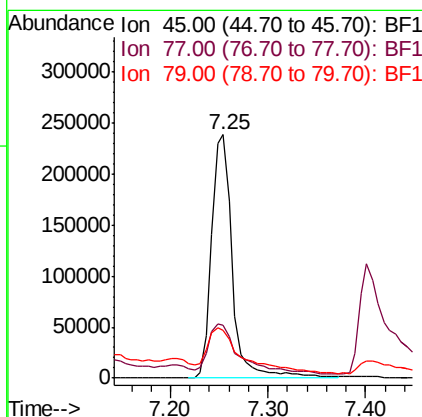
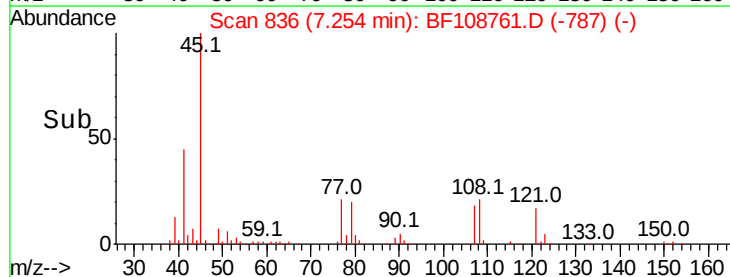
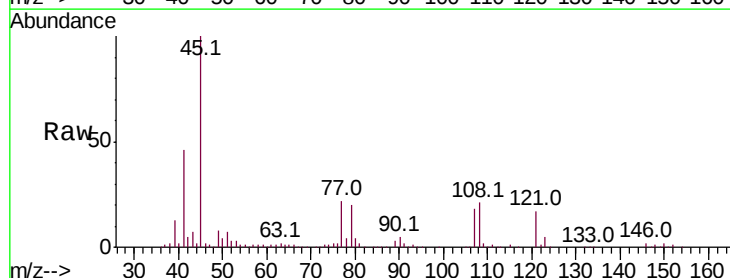
Tgt Ion: 45 Resp: 351764

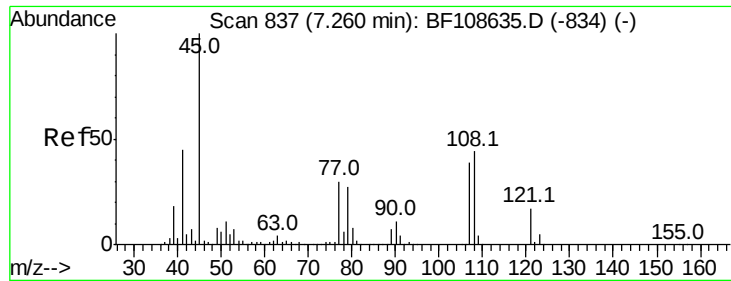
Ion Ratio Lower Upper

45 100

77 21.7 0.0 32.9

79 19.5 0.0 29.6





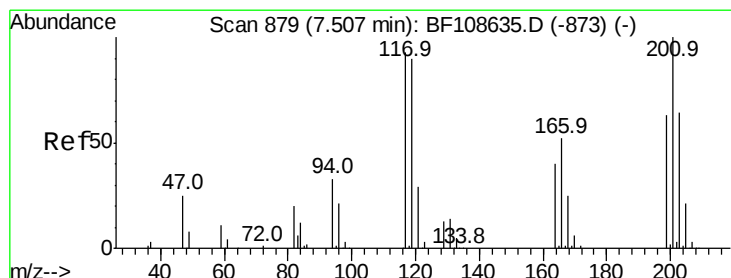
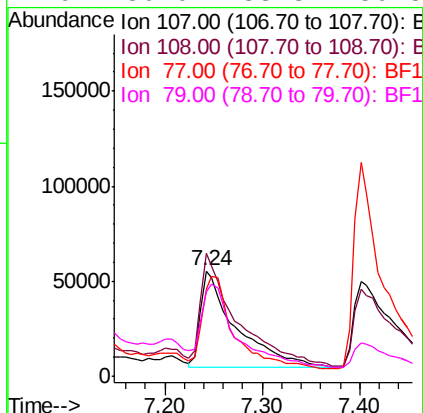
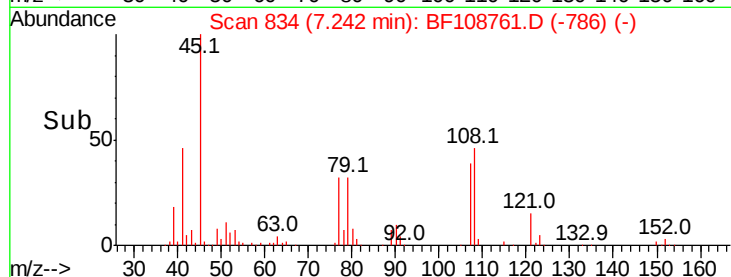
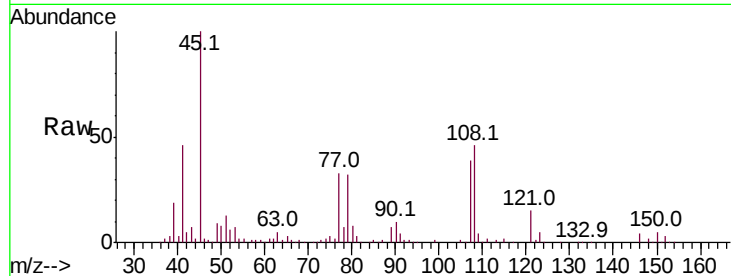
#17
2-Methylphenol
Concen: 34.455 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampled :
PB112567BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	117.2	91.7	137.5
77	83.0	33.8	50.8#
79	80.0	33.8	50.8#

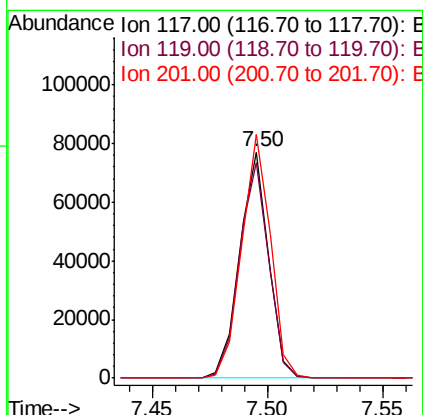
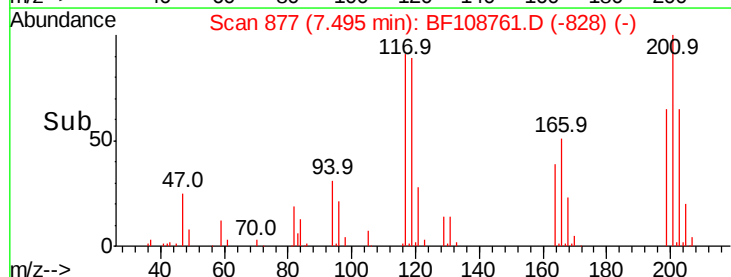
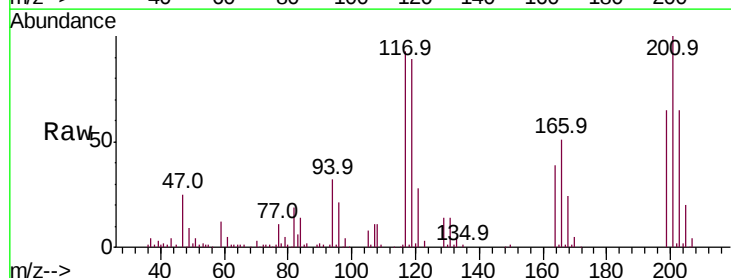
Manual Integrations
APPROVED

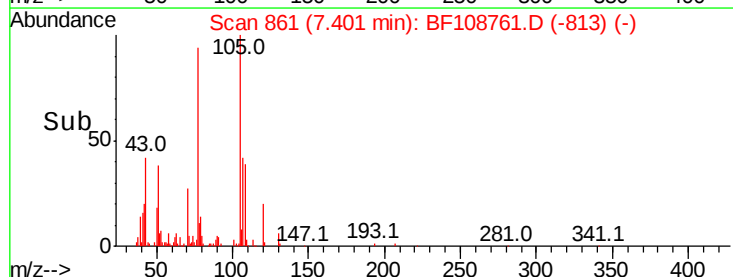
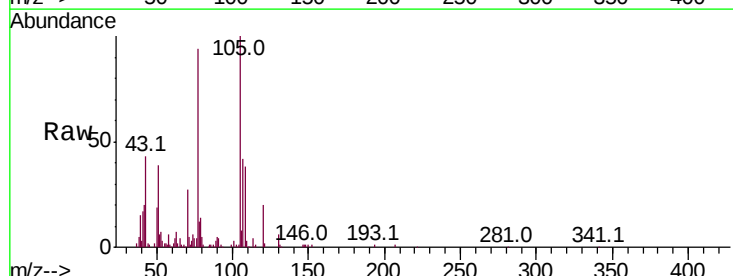
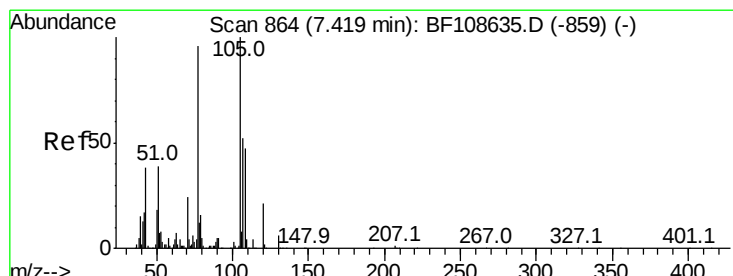
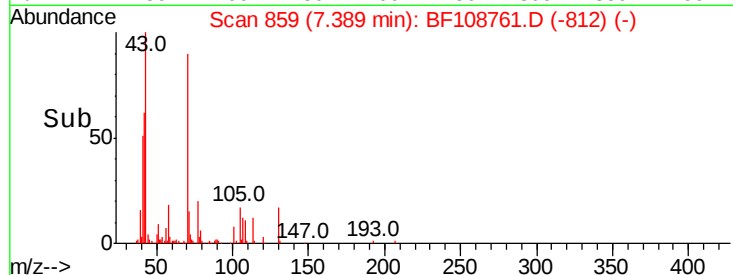
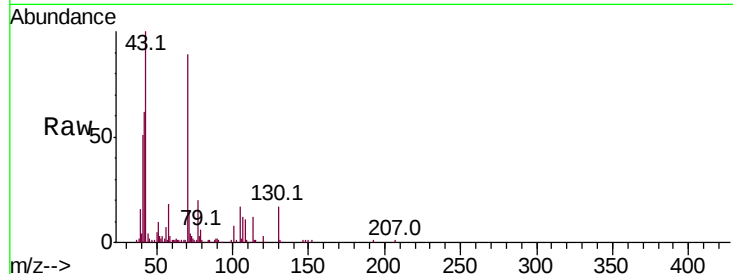
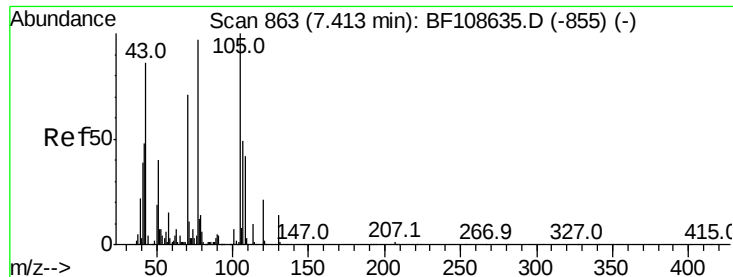
Sohil
9/5/2018 12:48:03 PM



#18
Hexachloroethane
Concen: 32.001 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.4	75.8	113.8
201	107.7	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.245 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF108761.D

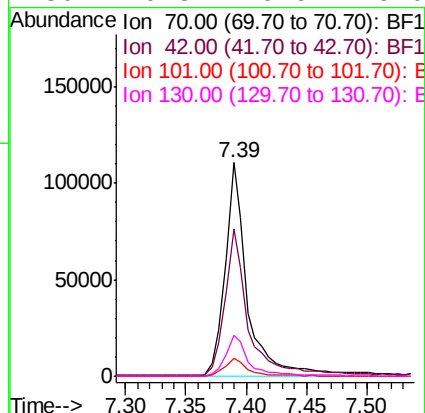
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.0	47.5	71.3	
101	8.7	7.4	11.2	
130	19.3	16.6	25.0	

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#20

3+4-Methylphenols

Concen: 30.607 ng

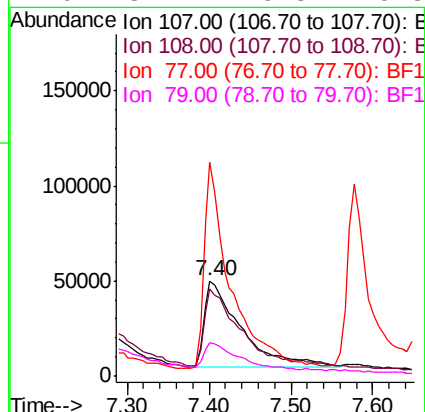
RT: 7.40 min Scan# 861

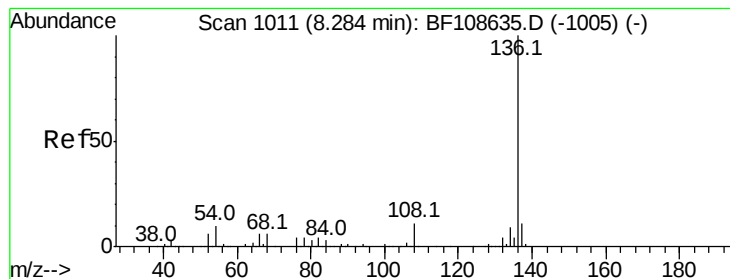
Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	68.2	108.2	
77	224.5	26.7	66.7#	
79	34.4	6.3	46.3	





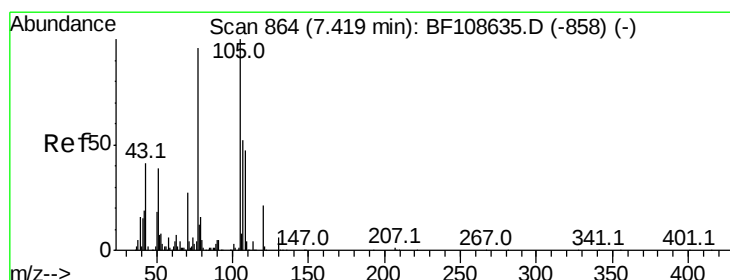
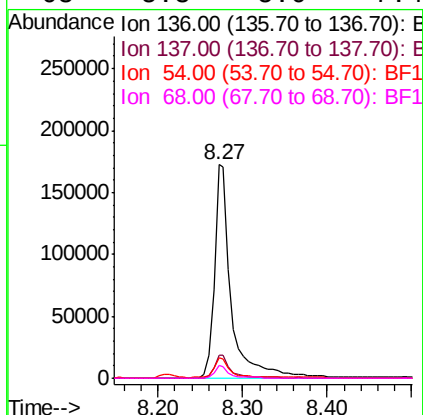
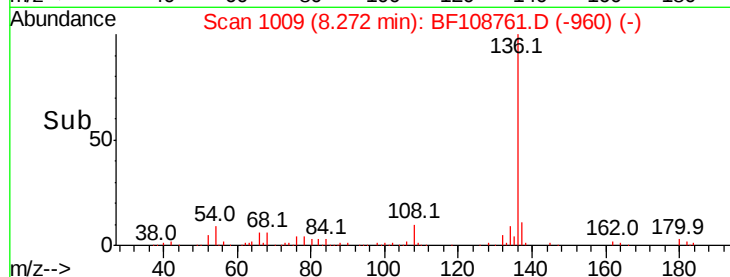
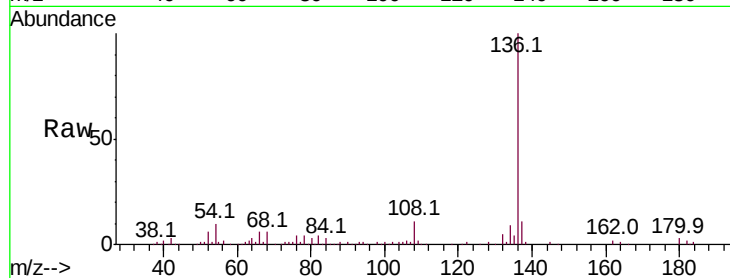
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	246641		
137	10.8	8.9	13.3	
54	9.9	6.6	9.8	
68	5.8	5.0	7.4	

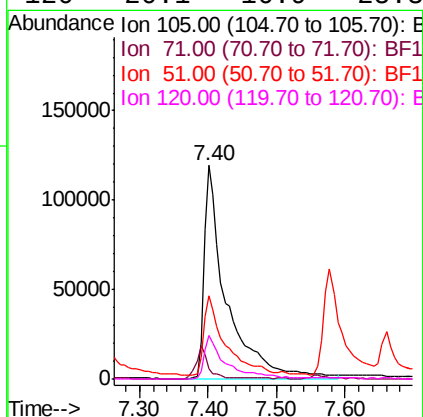
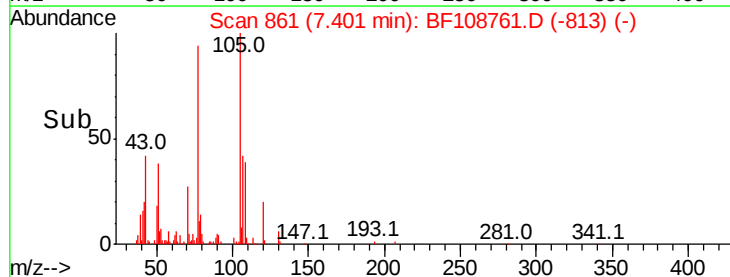
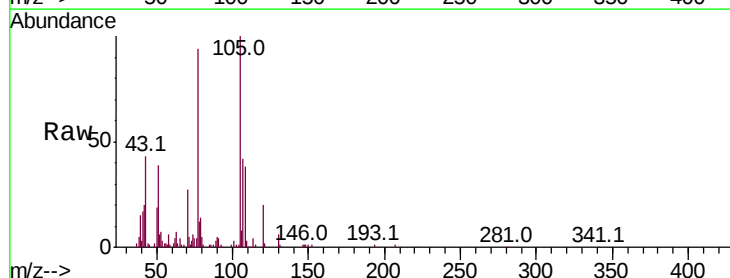
Manual Integrations
APPROVED

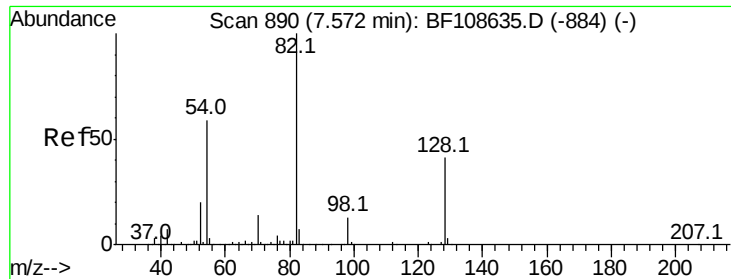
Sohil
9/5/2018 12:48:03 PM



#22
Acetophenone
Concen: 44.770 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	275655		
71	5.0	4.4	6.6	
51	38.7	22.3	33.5	
120	20.1	16.9	25.3	





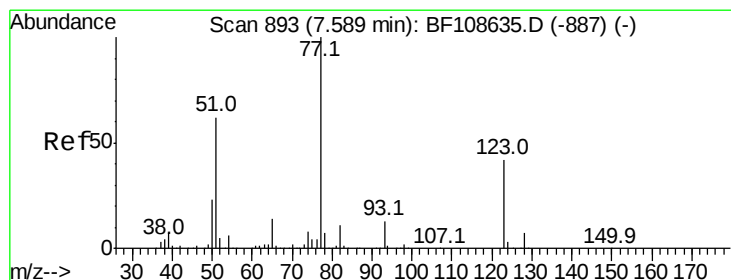
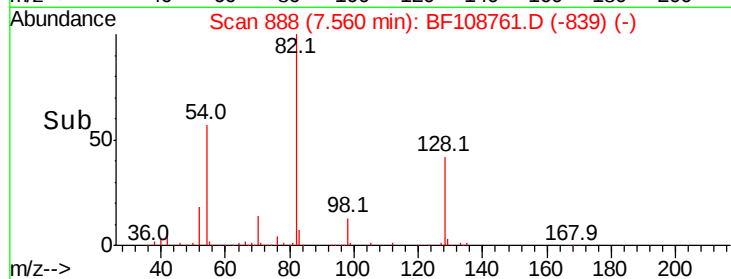
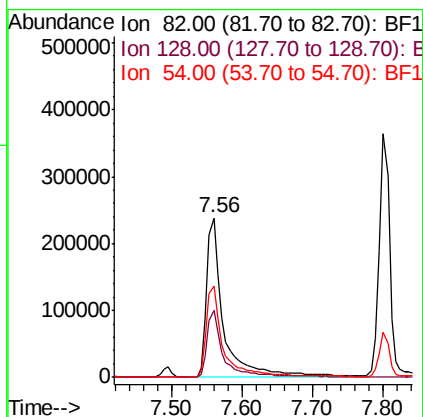
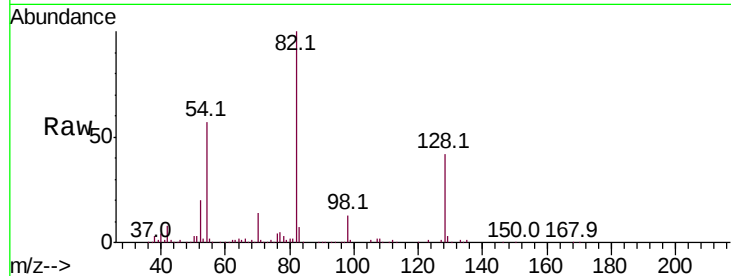
#23
Nitrobenzene-d5
Concen: 83.017 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleID :
PB112567BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	57.3	41.4	62.2

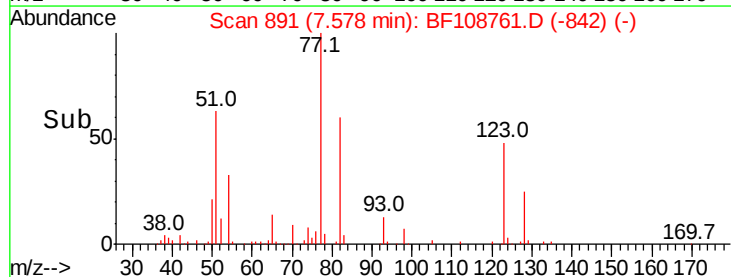
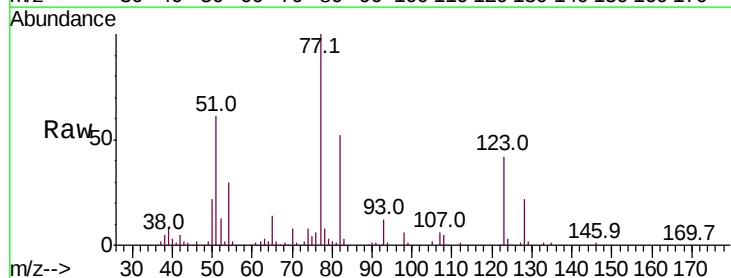
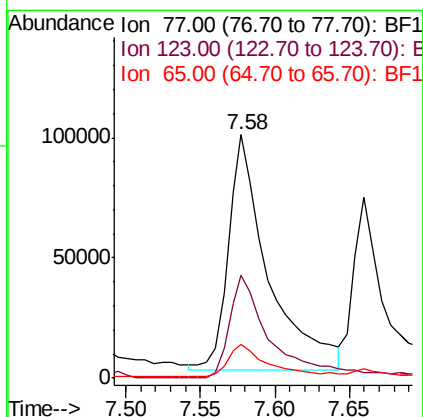
Manual Integrations
APPROVED

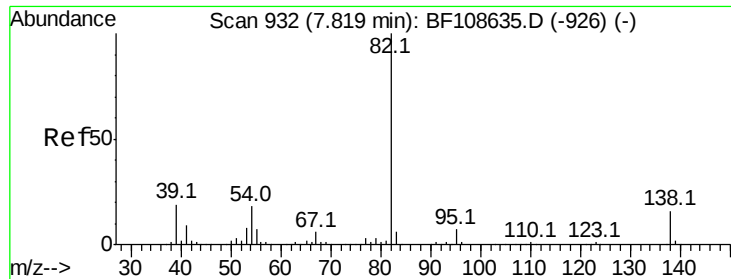
Sohil
9/5/2018 12:48:03 PM



#24
Nitrobenzene
Concen: 37.205 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 45.998 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

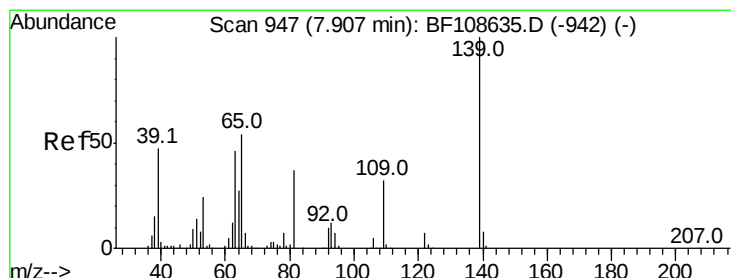
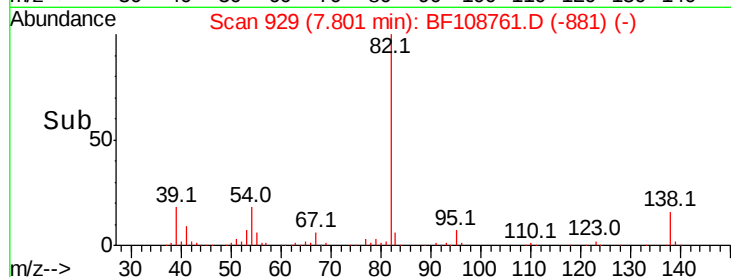
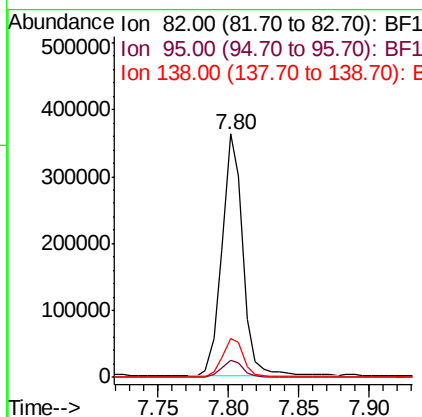
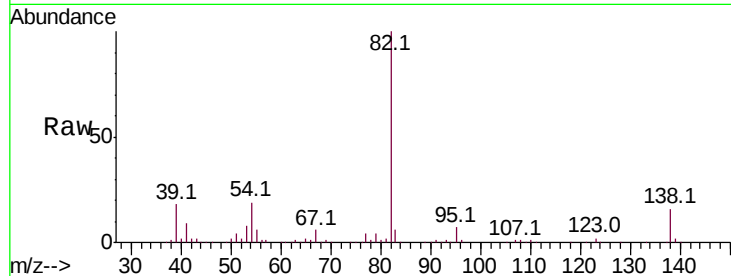
ClientSampleID :

PB112567BS

Tot Ion:	82	Resp:	371286
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#26

2-Nitrophenol

Concen: 28.349 ng

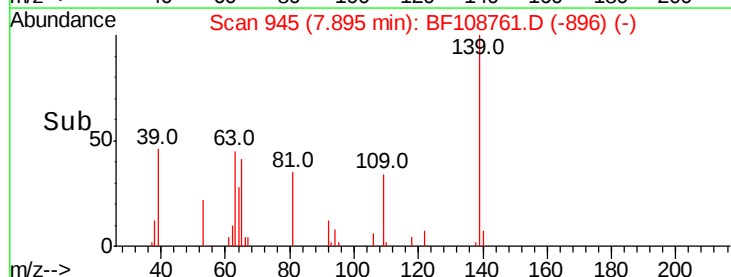
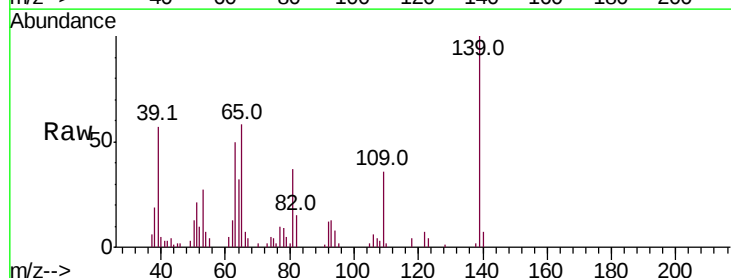
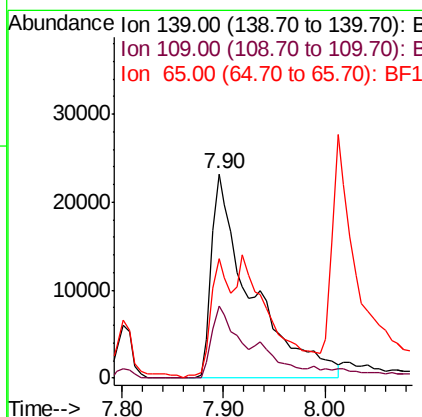
RT: 7.90 min Scan# 945

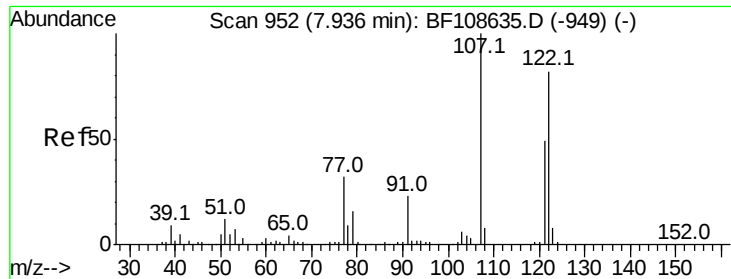
Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	139	Resp:	63230
Ion Ratio	Lower	Upper	
139	100		
109	35.5	22.7	34.1#
65	58.2	40.5	60.7





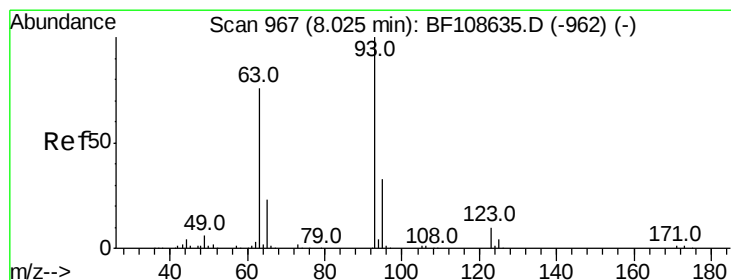
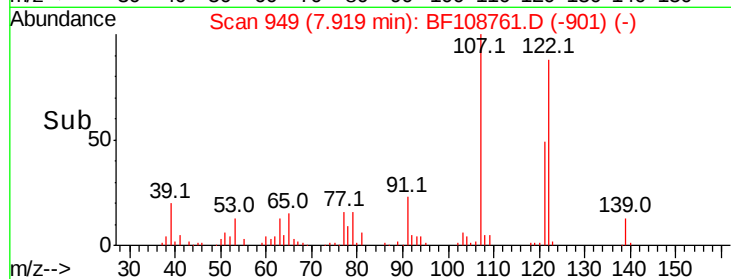
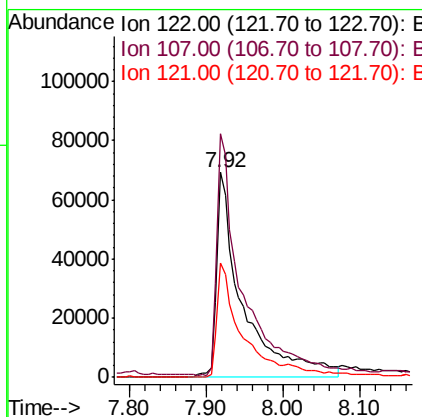
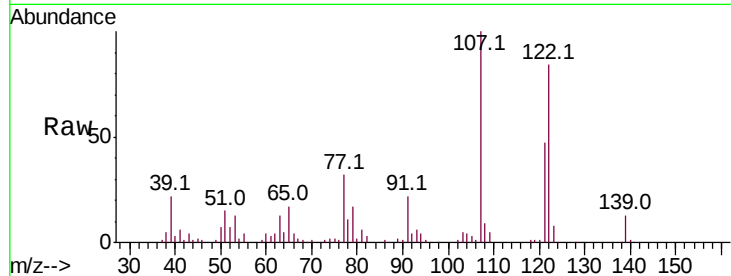
#27
2,4-Dimethylphenol
Concen: 49.913 ng
RT: 7.92 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampled :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161909		
107	118.8	91.2	136.8	
121	55.6	47.2	70.8	

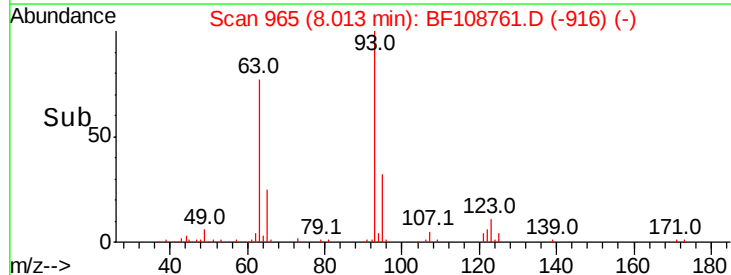
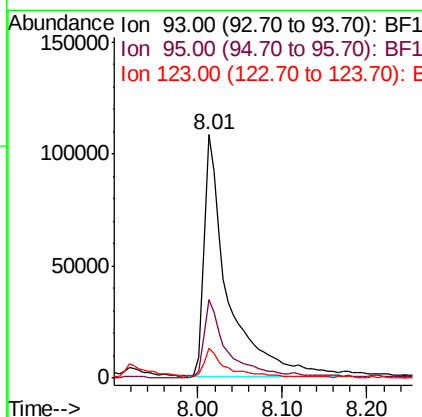
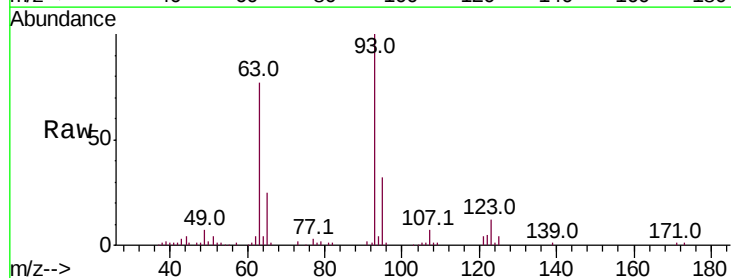
Manual Integrations
APPROVED

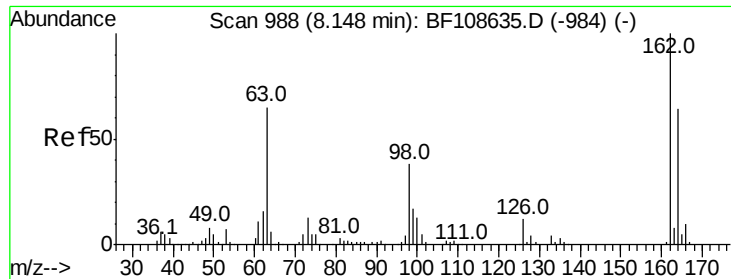
Sohil
9/5/2018 12:48:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.332 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210752		
95	32.3	26.3	39.5	
123	12.0	9.8	14.6	





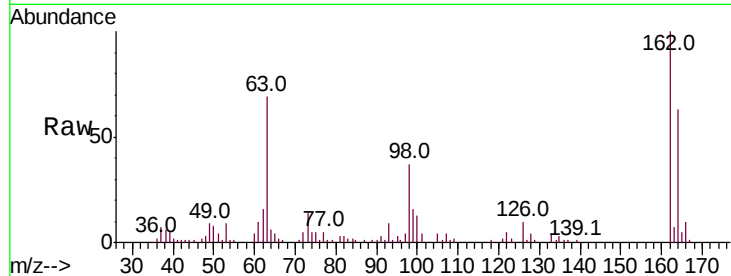
#29
2,4-Dichlorophenol
Concen: 37.882 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	145782		
164	63.1	42.7	82.7	
98	37.1	18.1	58.1	

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM

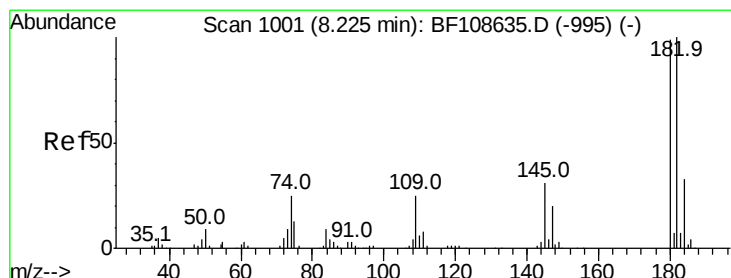
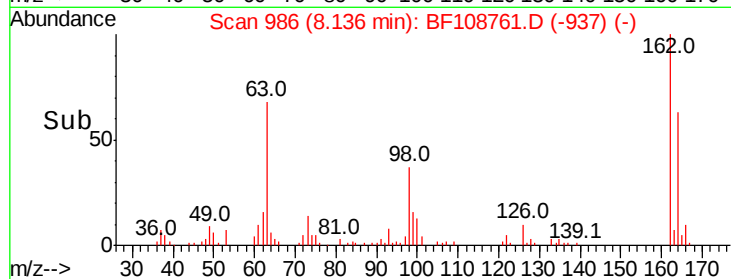
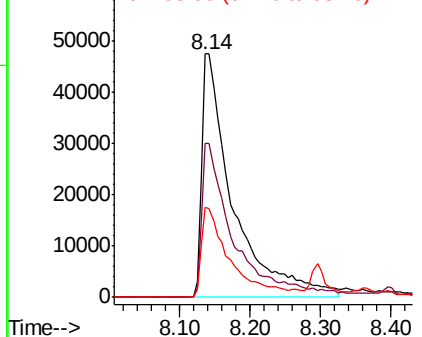


Abundance

Ion 162.00 (161.70 to 162.70): E

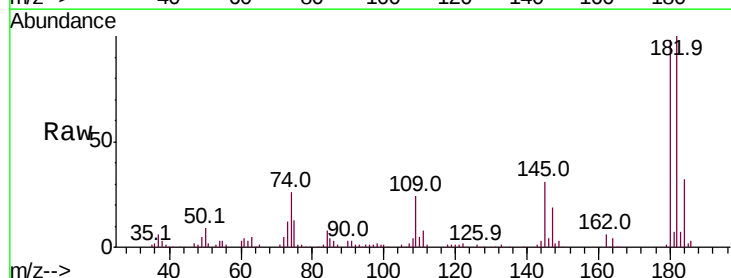
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.344 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173615		
182	102.0	76.8	115.2	
145	31.5	26.5	39.7	

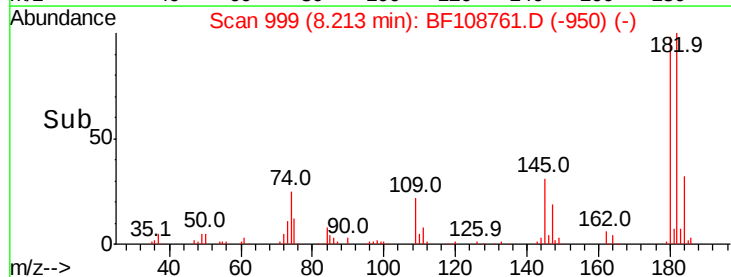
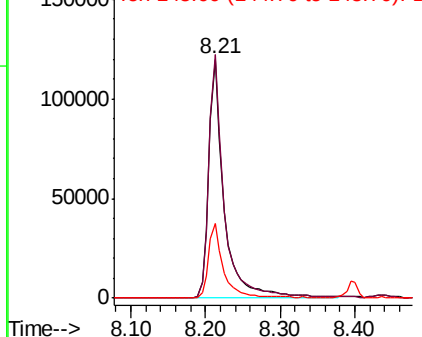


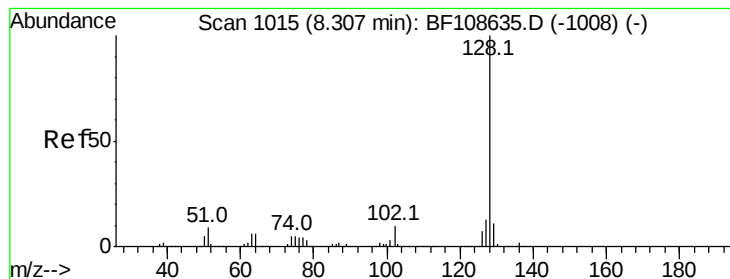
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.338 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

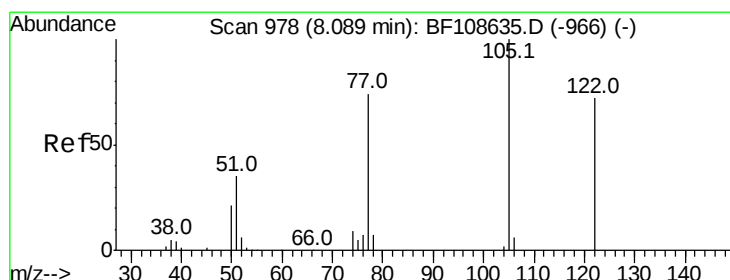
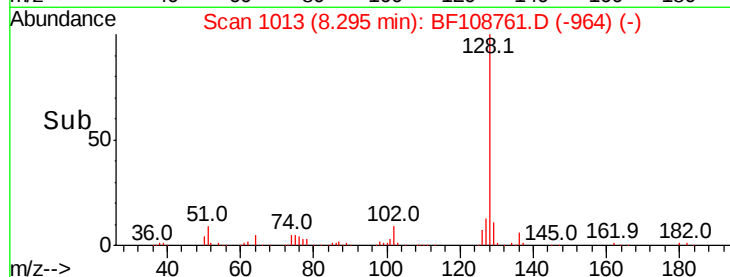
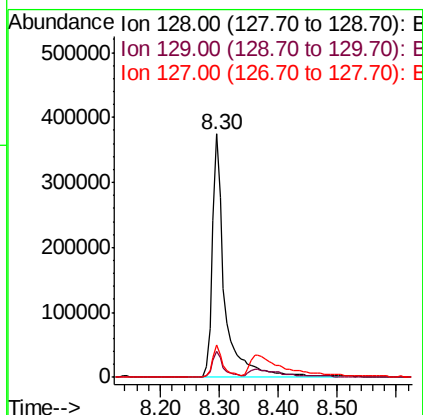
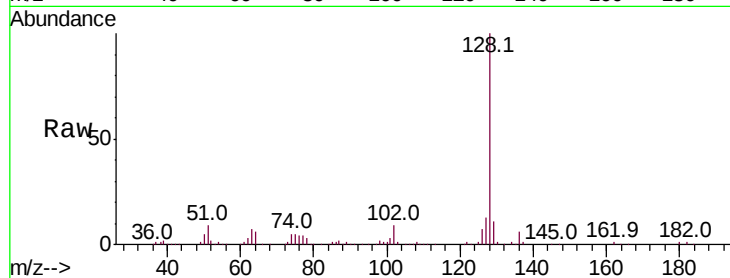
ClientSampleId :

PB112567BS

Tot Ion:	128	Resp:	556115
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#32

Benzoic acid

Concen: 13.837 ng m

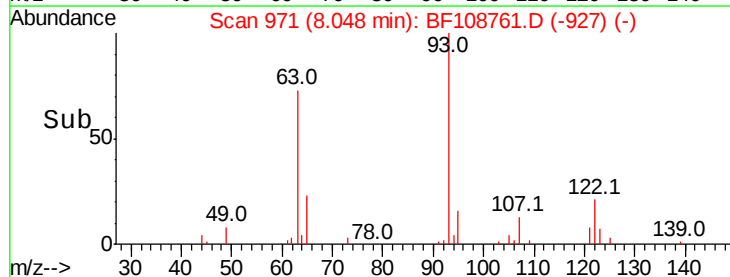
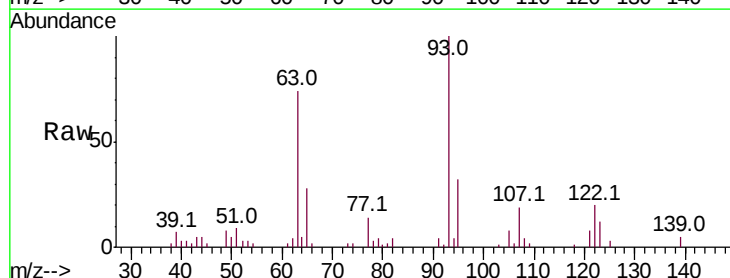
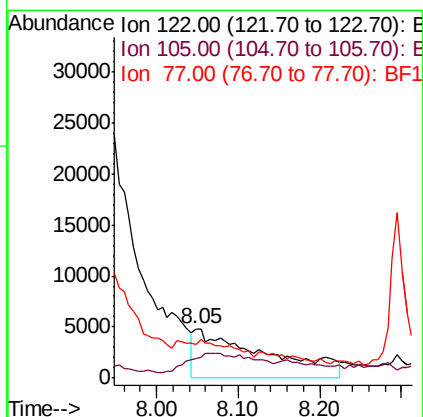
RT: 8.05 min Scan# 971

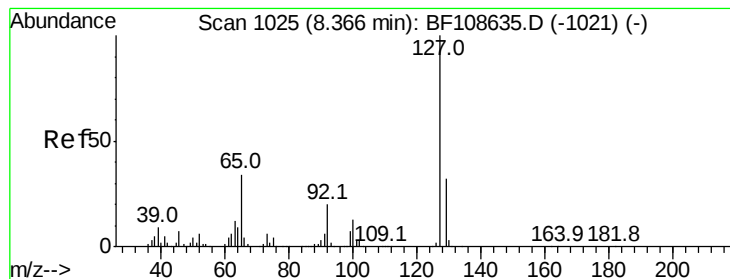
Delta R.T. -0.04 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	122	Resp:	28784
Ion Ratio	Lower	Upper	
122	100		
105	39.3	101.1	141.1#
77	68.7	70.7	110.7#





#33

4-Chloroaniline

Concen: 26.854 ng

RT: 8.36 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

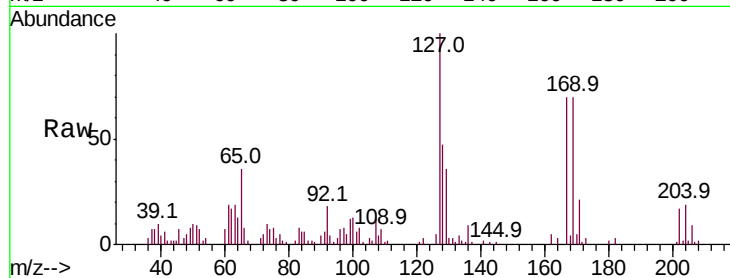
ClientSampled :

PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.4	25.9	38.9	
65	36.4	25.0	37.4	
92	18.3	15.2	22.8	

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



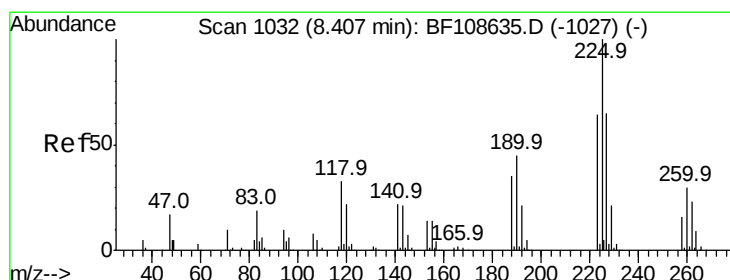
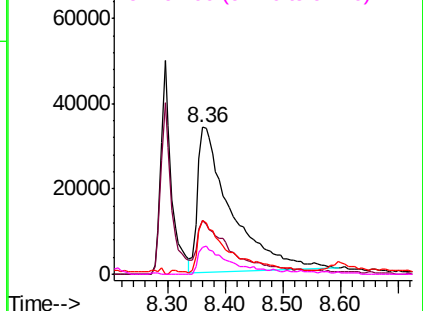
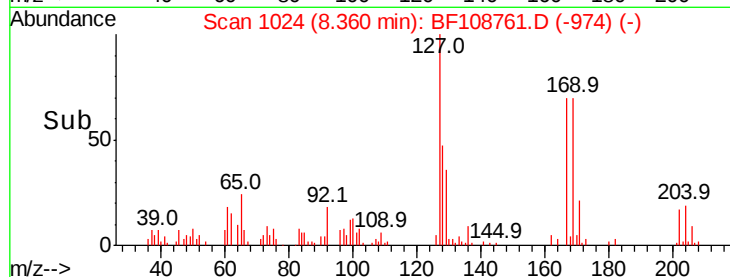
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.373 ng

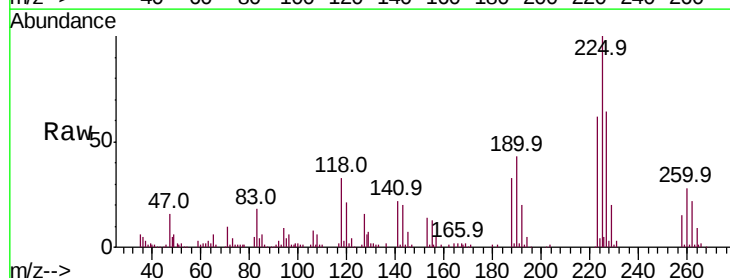
RT: 8.40 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.6	76.0	
227	63.9	51.9	77.9	

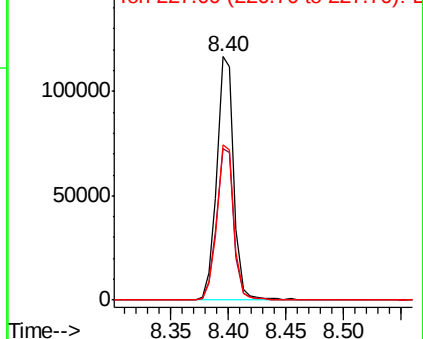
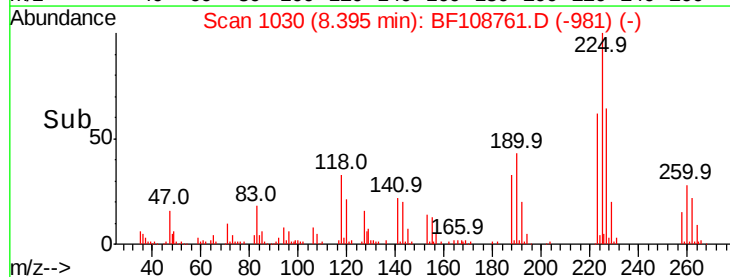


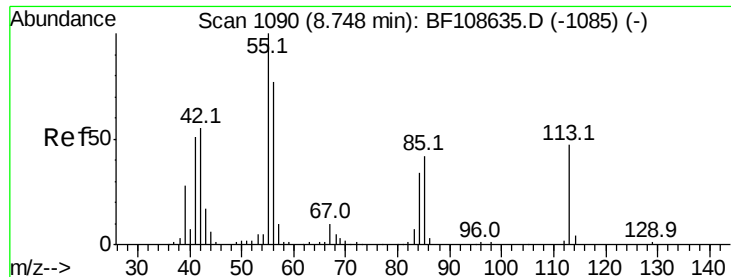
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.581 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

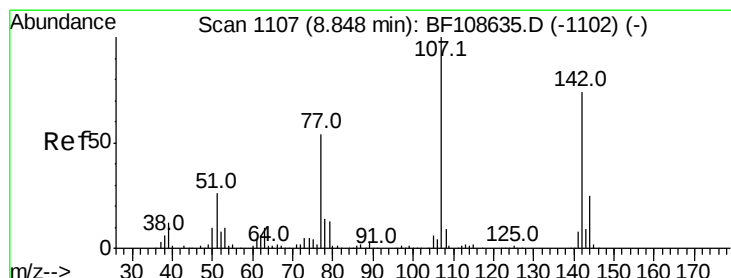
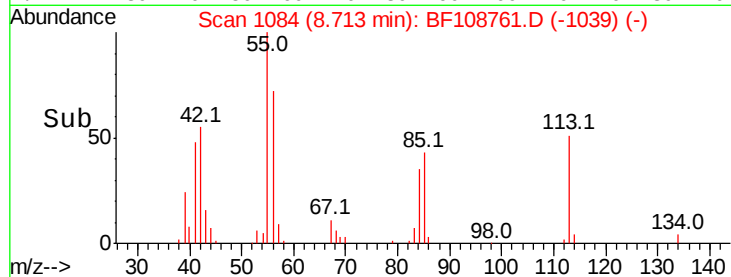
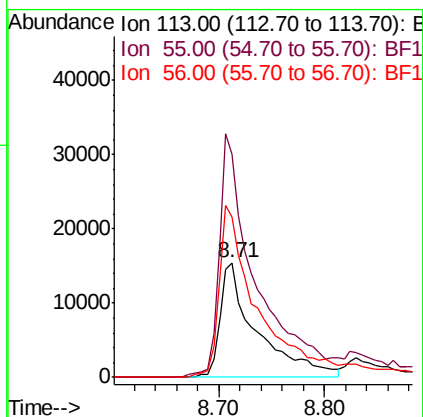
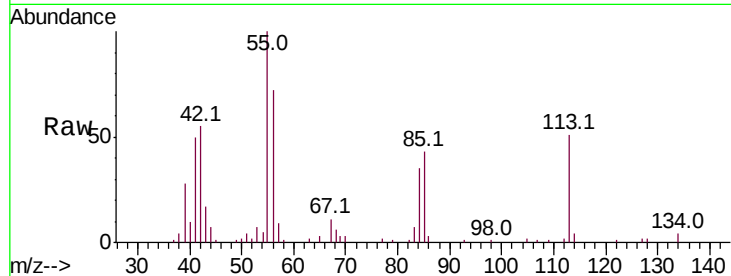
ClientSampled :

PB112567BS

Tot Ion:	113	Resp:	37512
Ion Ratio	Lower	Upper	
113	100		
55	194.4	163.3	203.3
56	139.8	115.7	155.7

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#36

4-Chloro-3-methylphenol

Concen: 36.377 ng

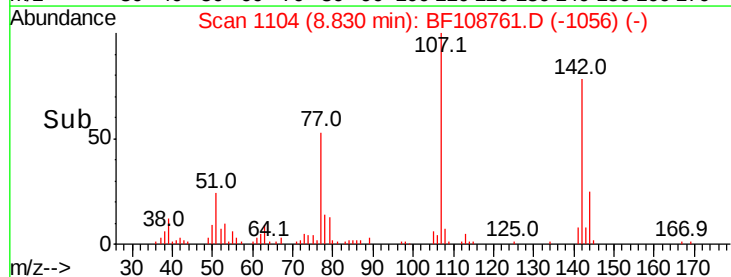
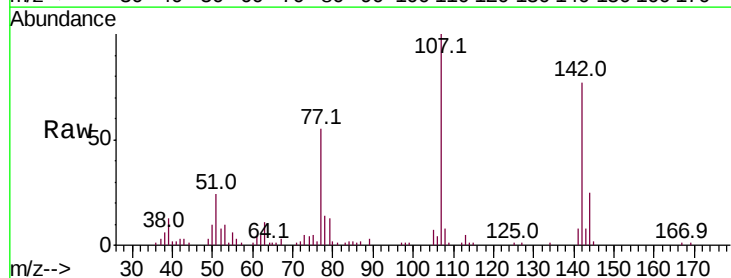
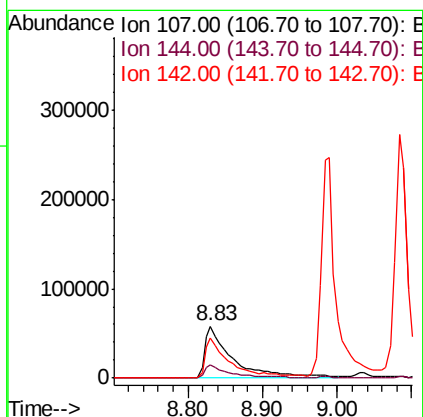
RT: 8.83 min Scan# 1104

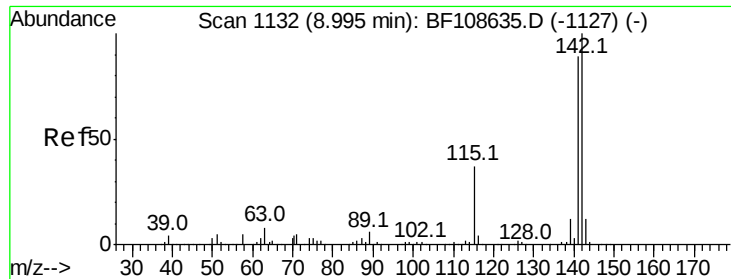
Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	107	Resp:	150251
Ion Ratio	Lower	Upper	
107	100		
144	24.8	20.5	30.7
142	77.5	62.0	93.0





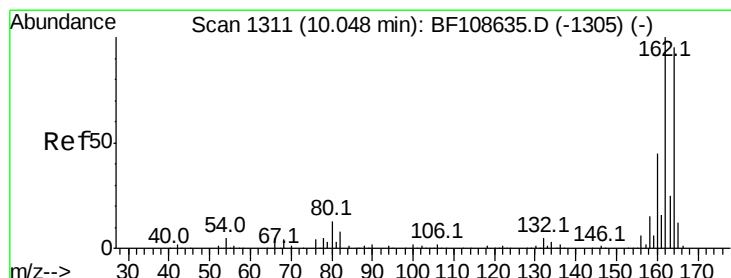
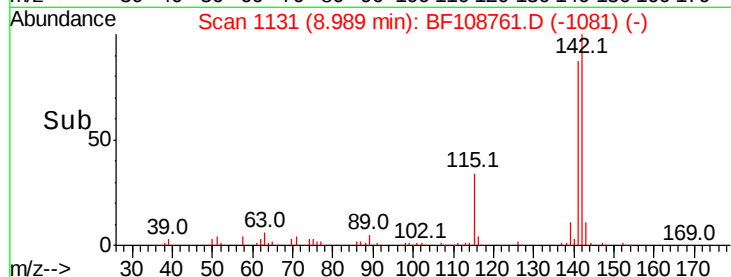
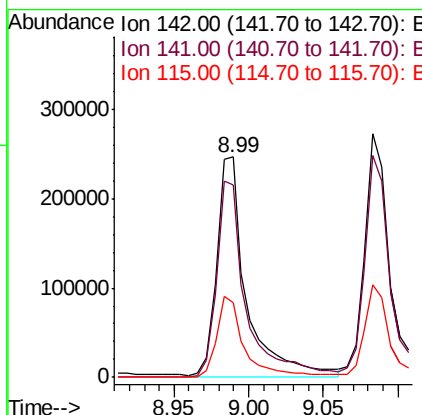
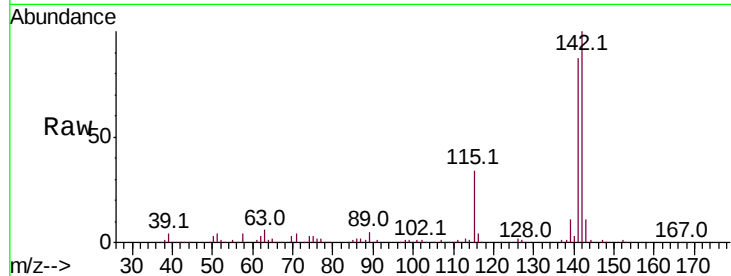
#37
2-Methylnaphthalene
Concen: 43.075 ng
RT: 8.99 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	342375		
141	87.1	70.8	106.2	
115	34.1	26.1	39.1	

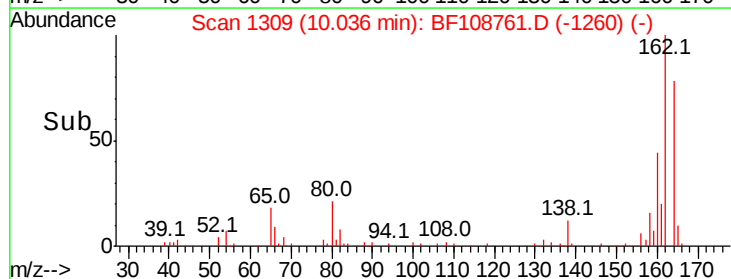
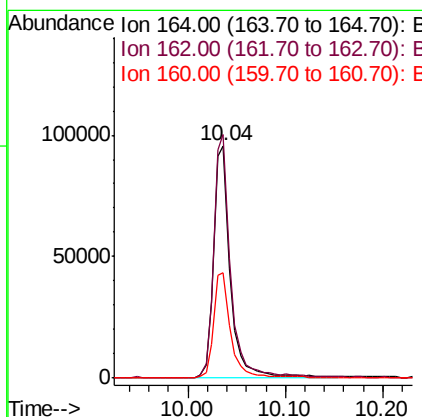
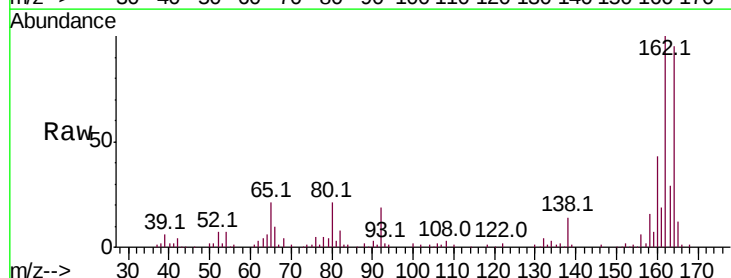
Manual Integrations
APPROVED

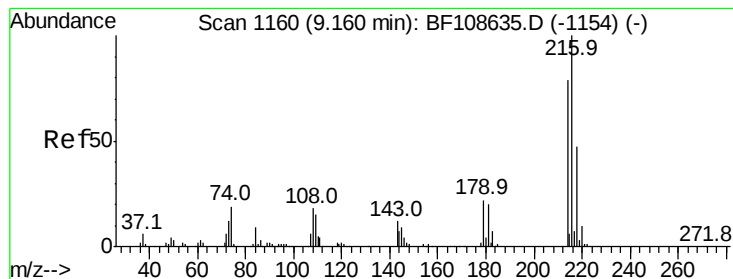
Sohil
9/5/2018 12:48:03 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114976		
162	104.8	86.1	129.1	
160	45.2	38.3	57.5	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.484 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

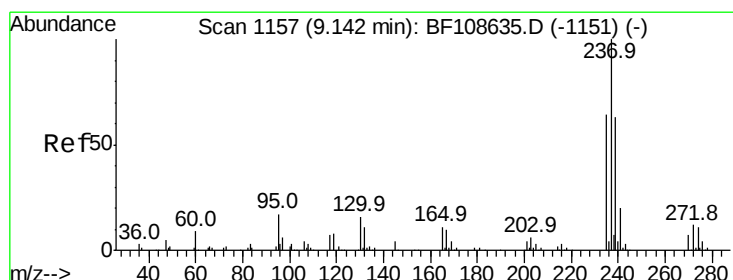
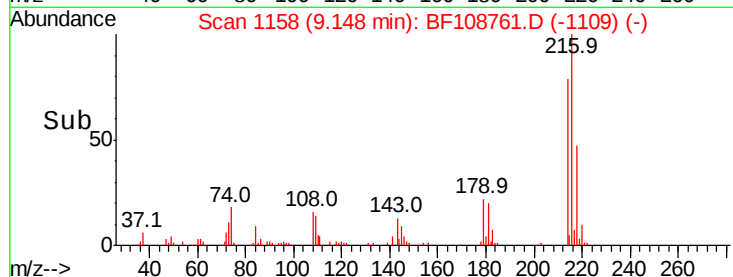
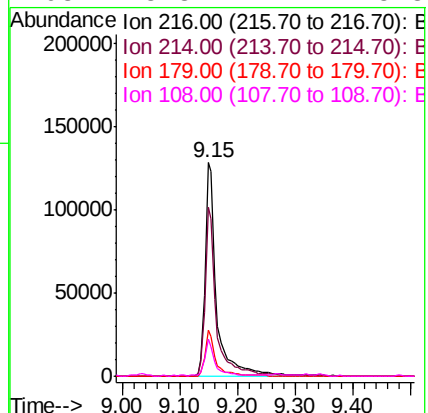
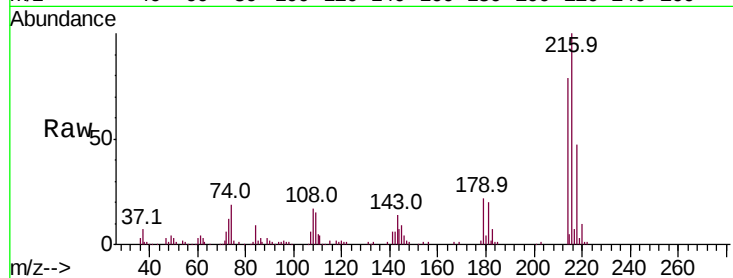
ClientSampleId :

PB112567BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.4	63.0	94.4
179	20.2	18.1	27.1
108	15.3	17.2	25.8#

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#40

Hexachlorocyclopentadiene

Concen: 13.684 ng

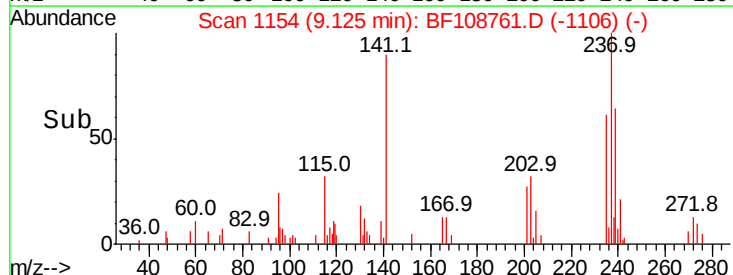
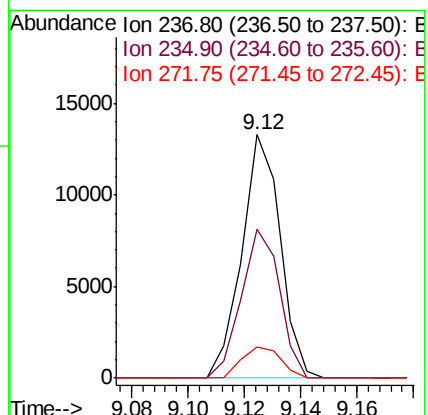
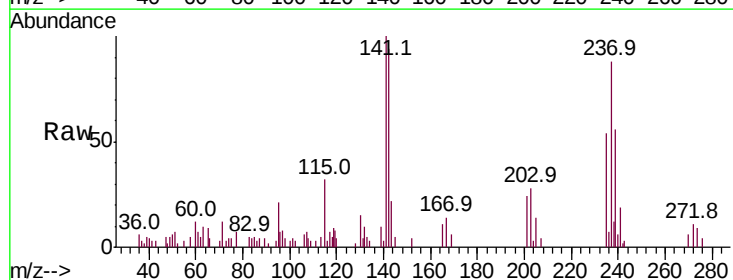
RT: 9.12 min Scan# 1154

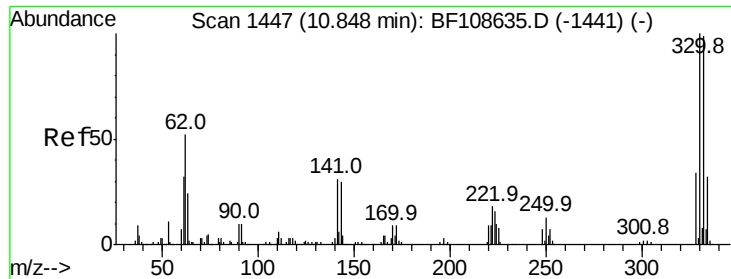
Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.2	44.8	84.8
272	13.0	0.0	33.3





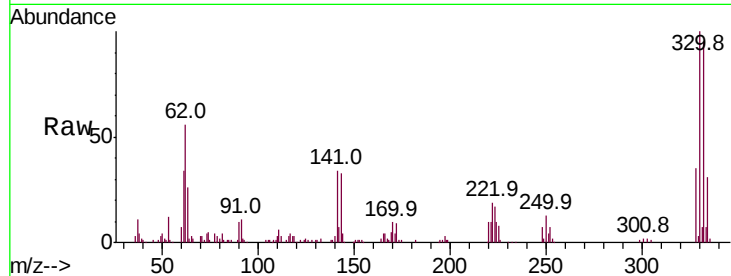
#41
 2,4,6-Tribromophenol
 Concen: 106.624 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	31.4	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:03 PM

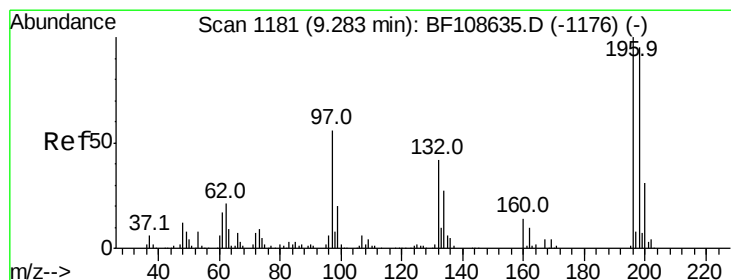
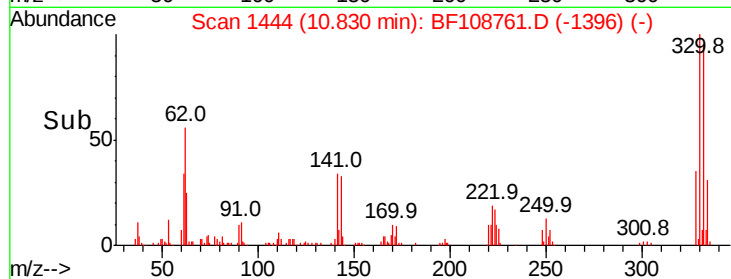
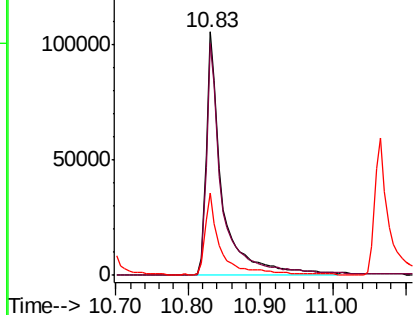


Abundance

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: 36.941 ng
 RT: 9.27 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

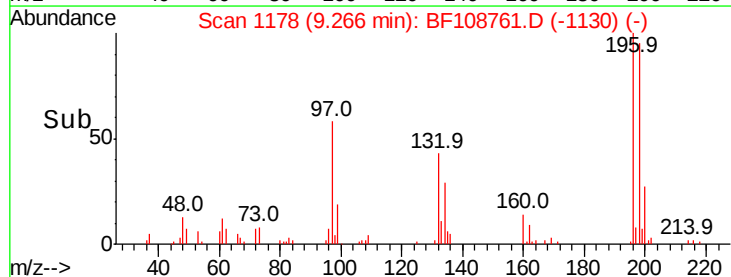
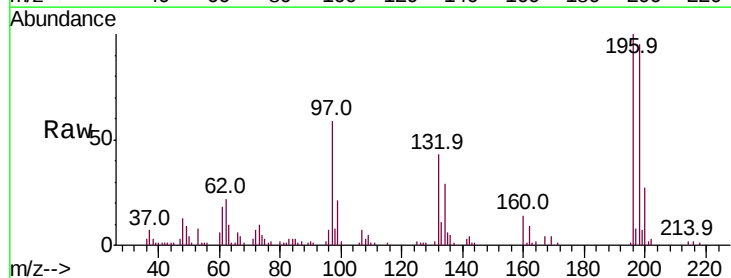
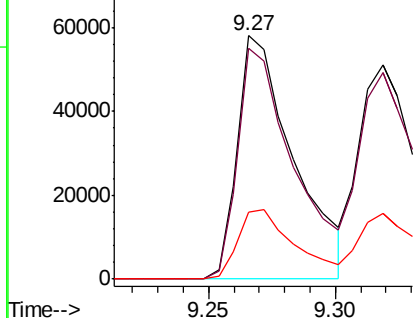
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	75.7	113.5	
200	27.5	24.5	36.7	

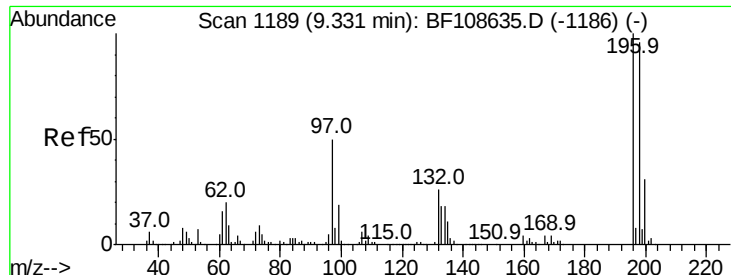
Abundance

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





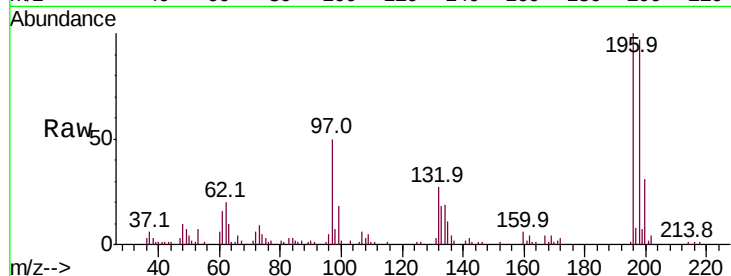
#43
 2,4,5-Trichlorophenol
 Concen: 45.791 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129071		
198	96.9	74.6	112.0	
97	50.2	42.9	64.3	
132	27.1	26.3	39.5	

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:03 PM



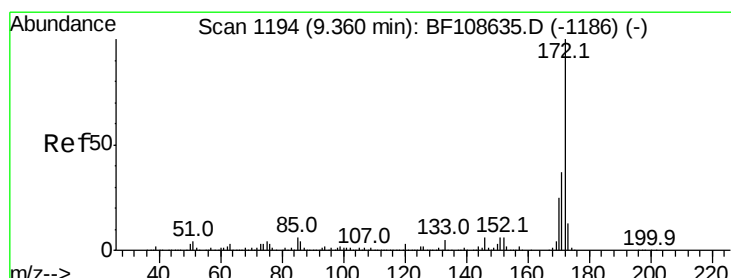
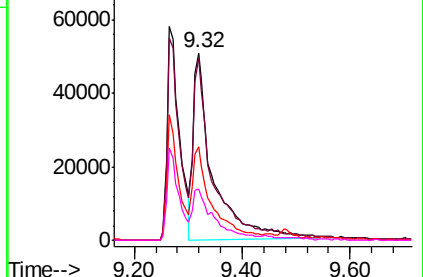
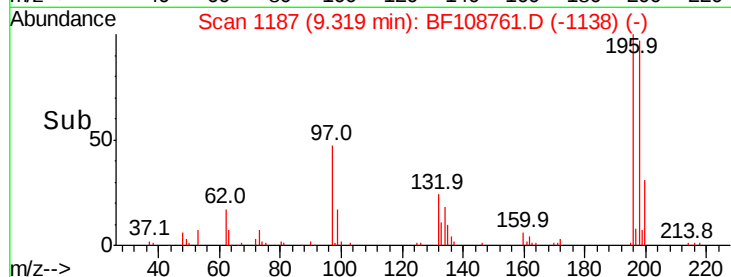
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

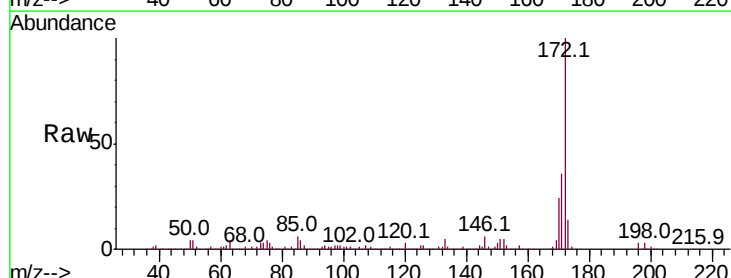
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.140 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	762246		
171	36.2	29.7	44.5	
170	23.9	19.6	29.4	

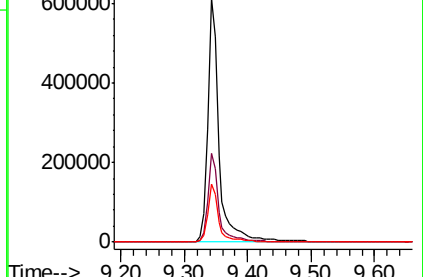
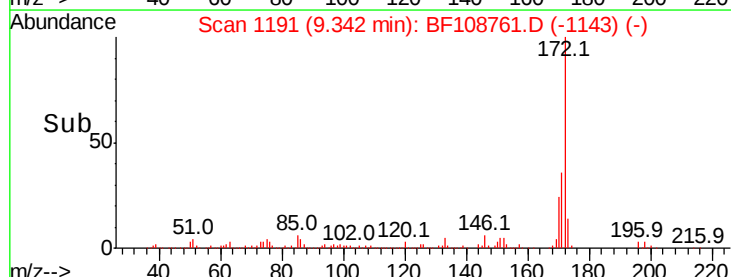


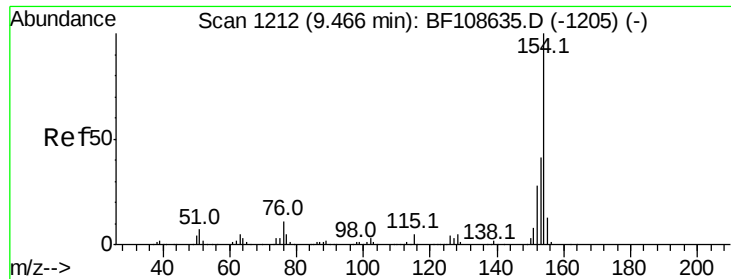
Abundance

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: 43.468 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

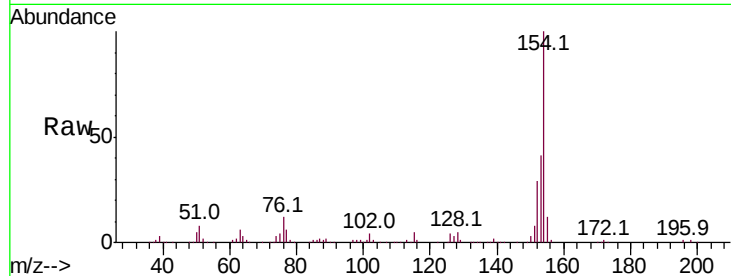
ClientSampleId :

PB112567BS

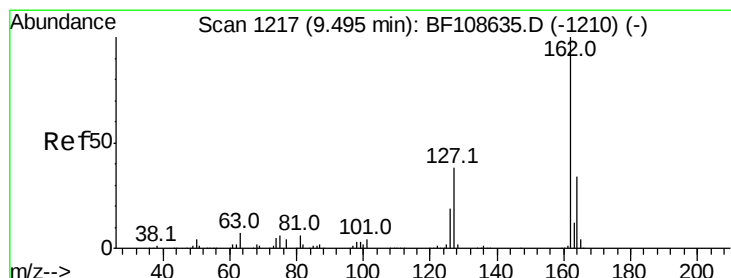
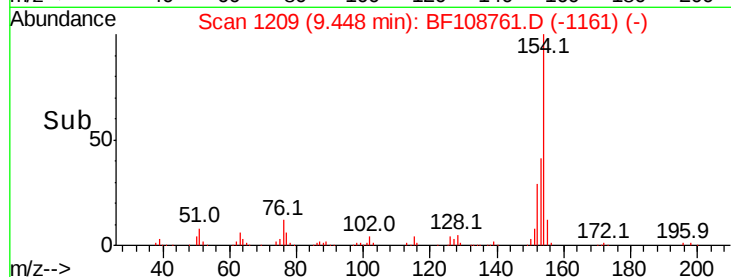
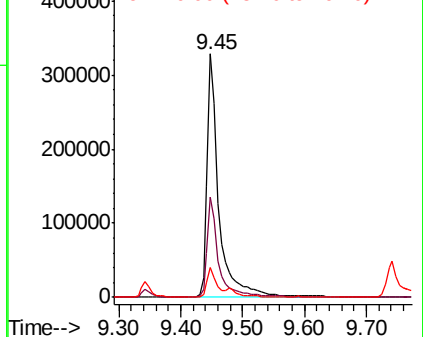
Tot Ion:	154	Resp:	435085
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.2	0.0	34.0

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 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: 42.571 ng

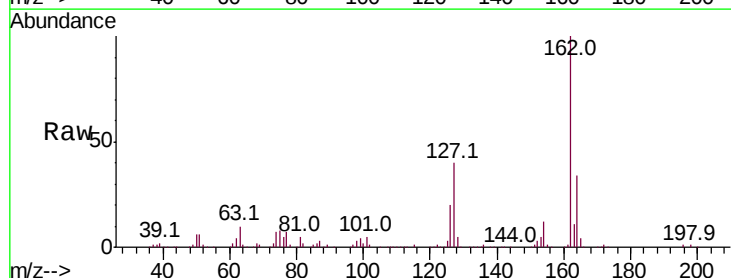
RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

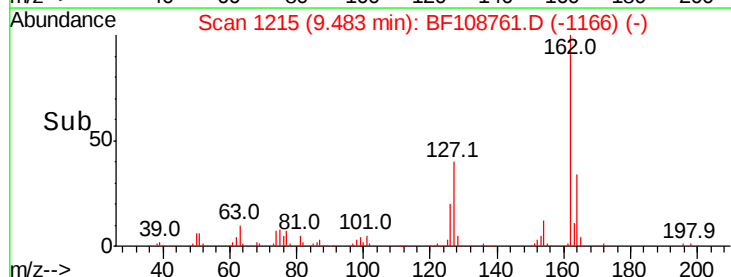
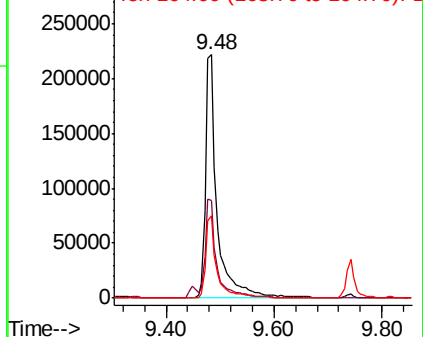
Lab File: BF108761.D

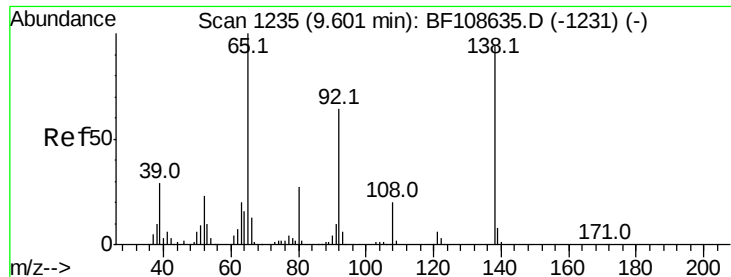
Acq: 5 Sep 2018 2:52

Tgt Ion:	162	Resp:	333592
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	33.6	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





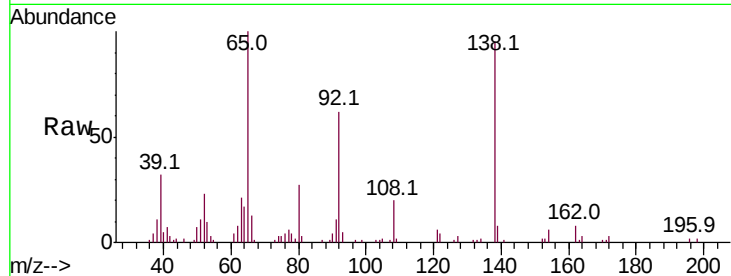
#47
2-Nitroaniline
Concen: 42.490 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.4	55.8	83.6
138	95.4	91.2	136.8

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM

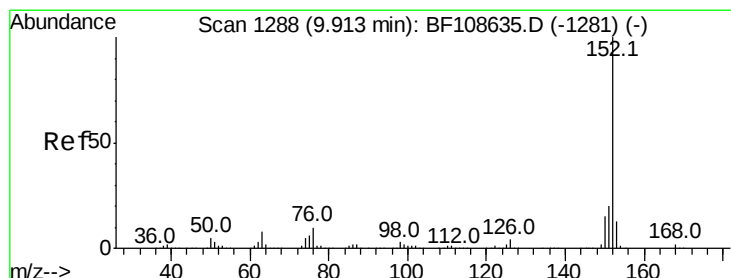
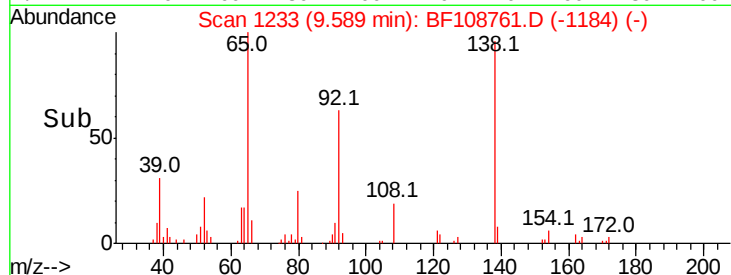
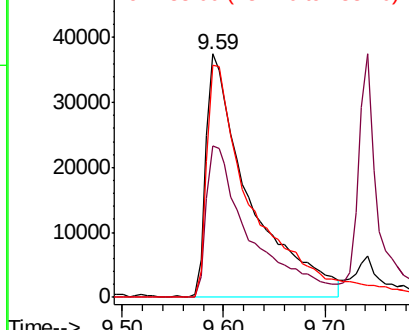


Abundance

Ion 65.00 (64.70 to 65.70): BF1

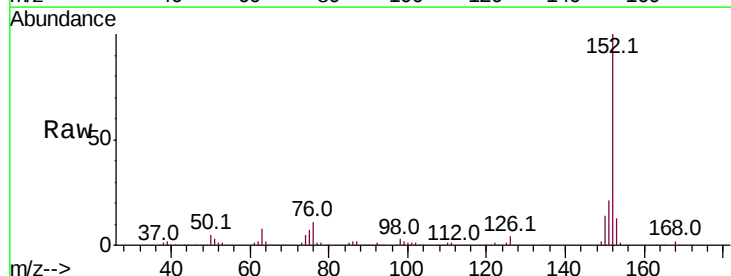
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 44.808 ng
RT: 9.90 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.0	10.7	16.1

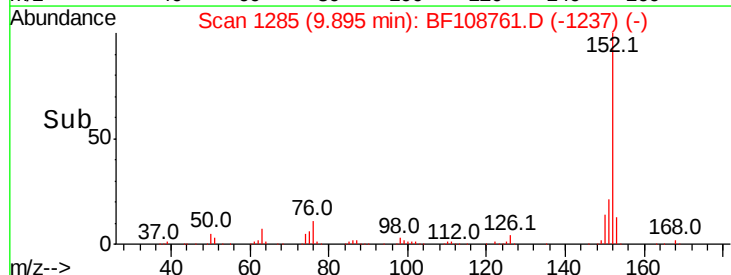
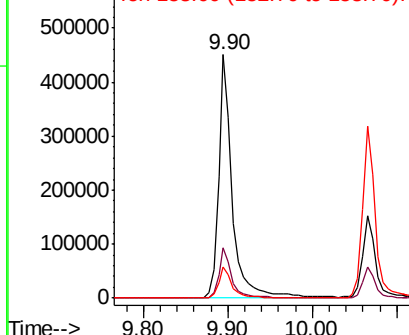


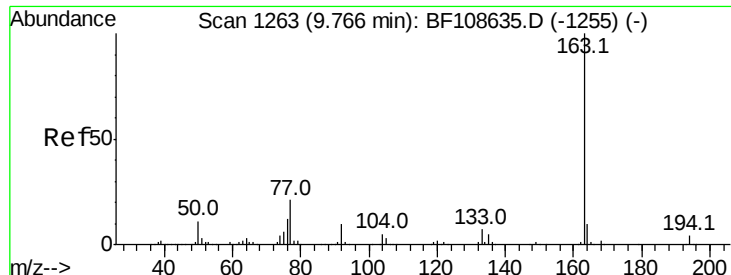
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





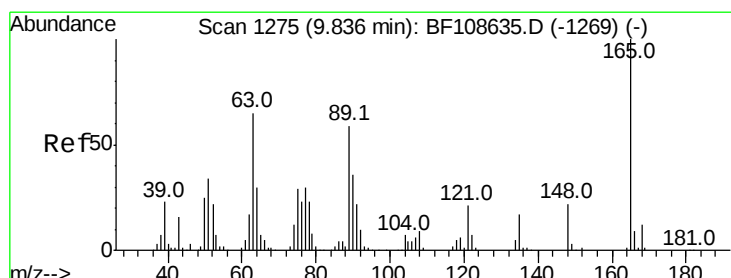
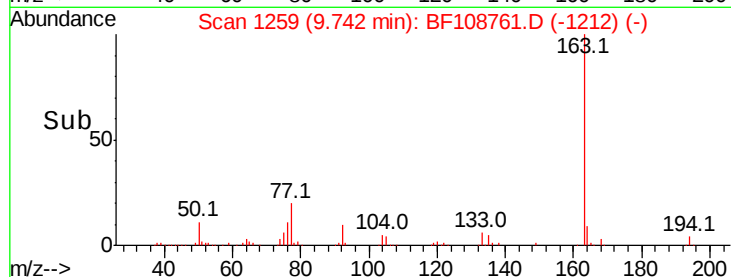
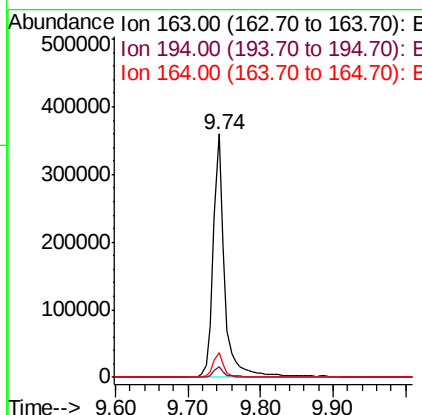
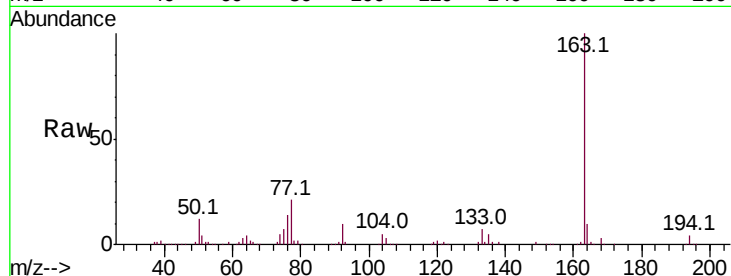
#49
Dimethylphthalate
Concen: 43.515 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	9.9	8.2	12.2	

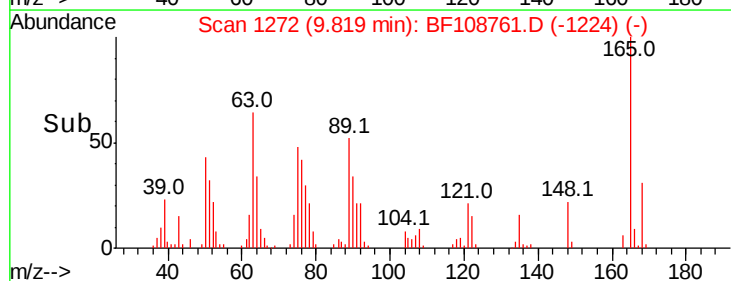
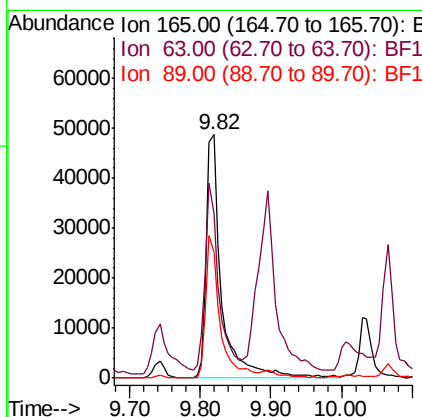
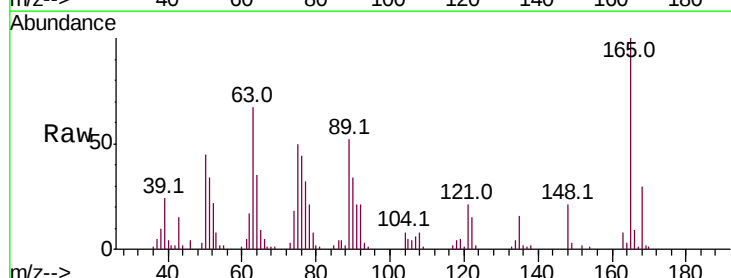
Manual Integrations
APPROVED

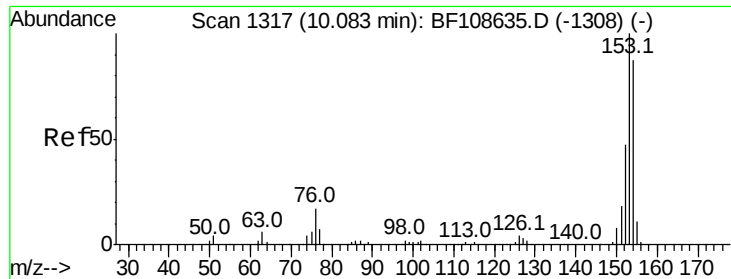
Sohil
9/5/2018 12:48:03 PM



#50
2,6-Dinitrotoluene
Concen: 37.043 ng
RT: 9.82 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.4	44.7	67.1#	
89	51.8	44.0	66.0	





#51

Acenaphthene

Concen: 43.789 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

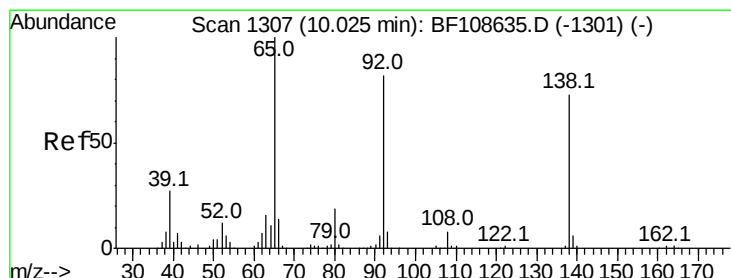
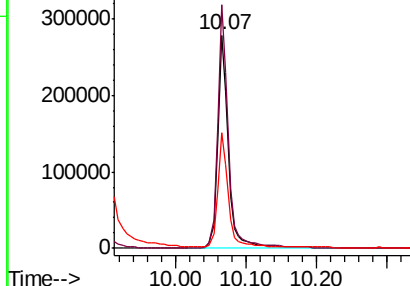
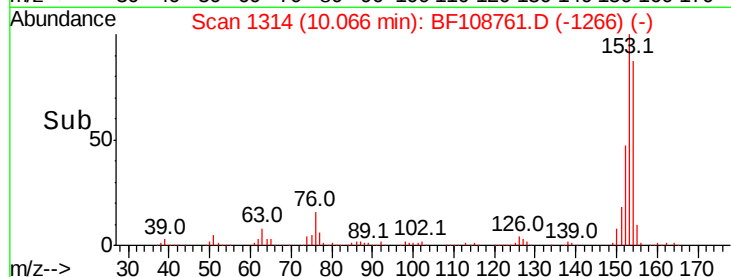
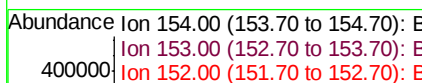
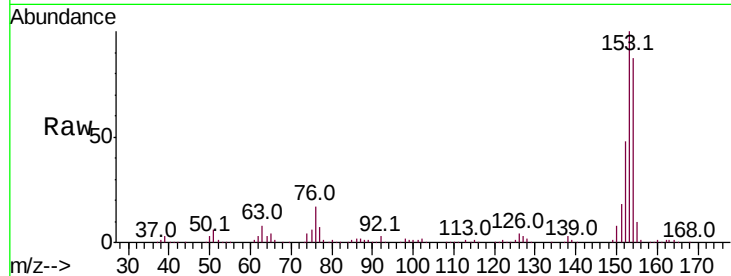
ClientSampleId :

PB112567BS

Tot Ion:	154	Resp:	300366
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.4	43.8	65.8

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#52

3-Nitroaniline

Concen: 44.314 ng

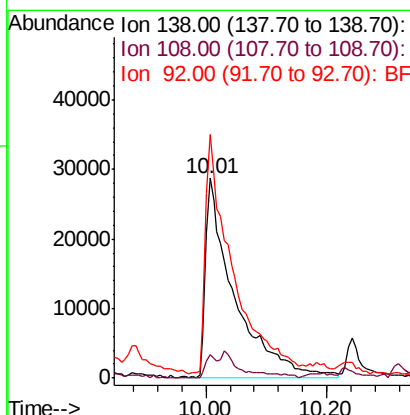
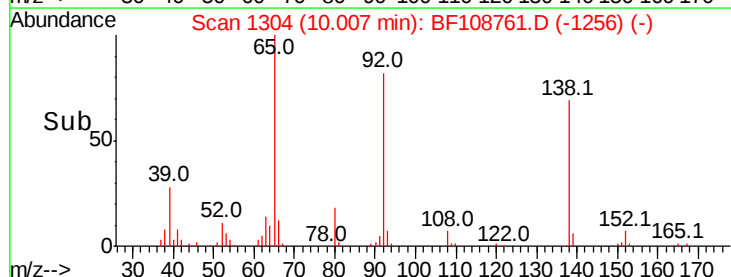
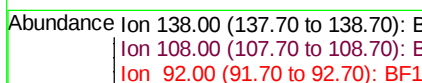
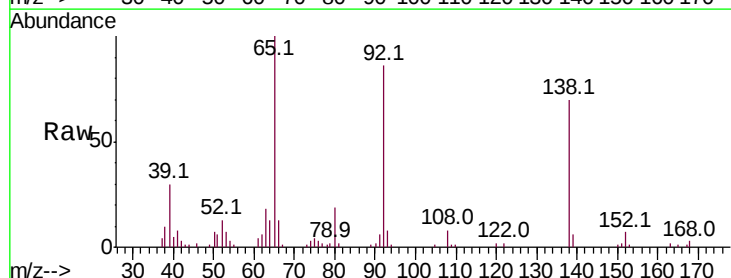
RT: 10.01 min Scan# 1304

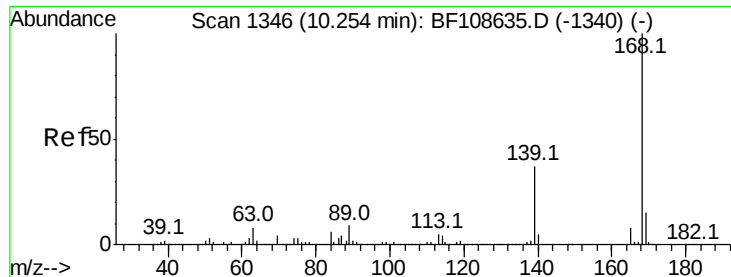
Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	138	Resp:	95671
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.4	14.0
92	122.0	89.4	134.2





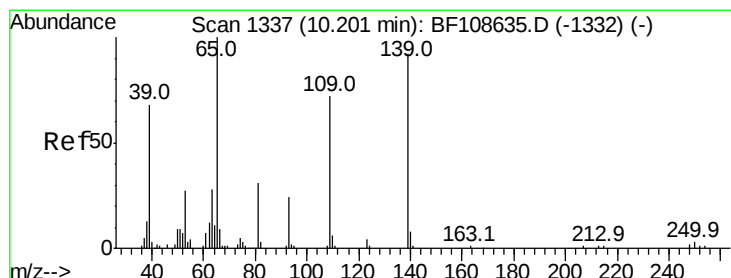
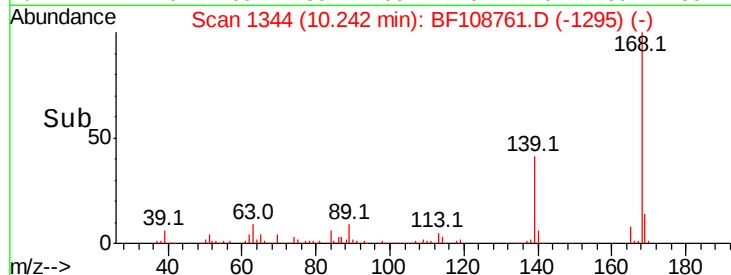
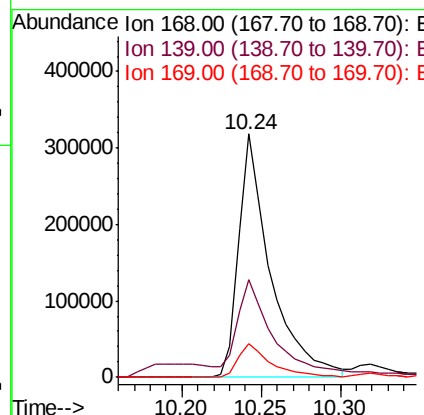
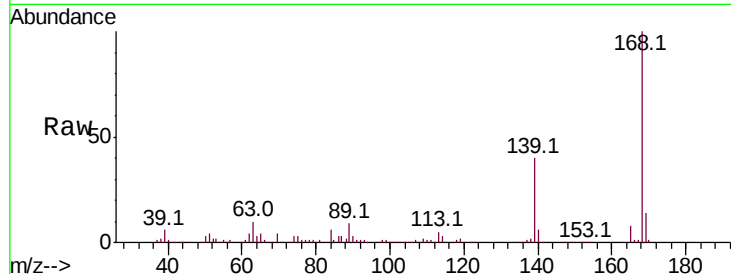
#54
Dibenzofuran
Concen: 41.514 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampled :
PB112567BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	14.0	10.9	16.3

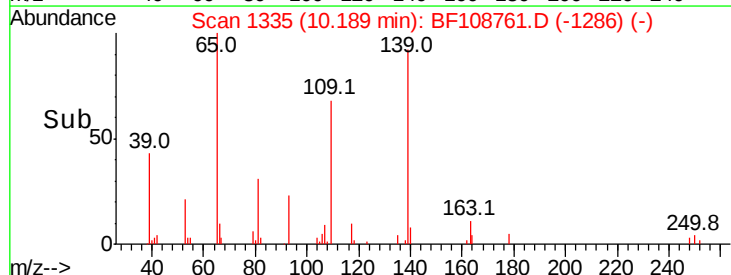
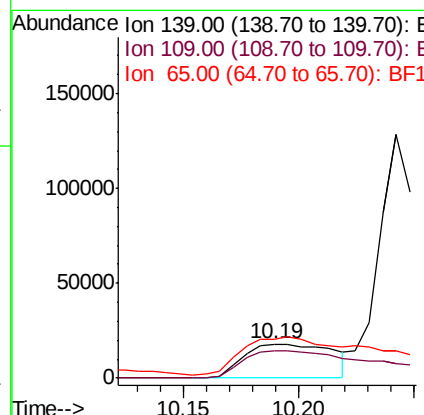
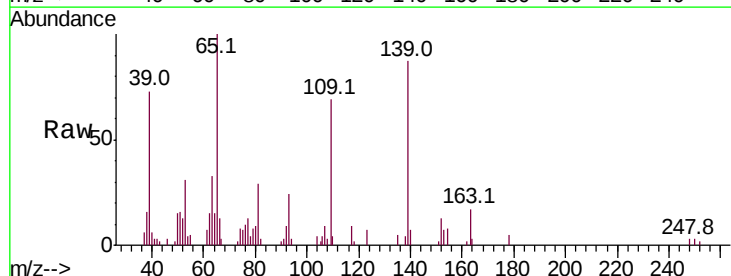
Manual Integrations
APPROVED

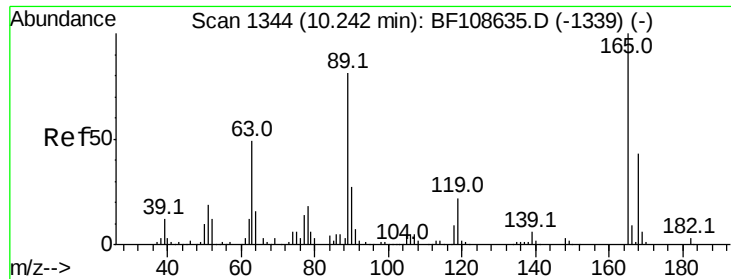
Sohil
9/5/2018 12:48:03 PM



#55
4-Nitrophenol
Concen: 37.605 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	48.4	88.4
65	114.4	72.6	112.6#





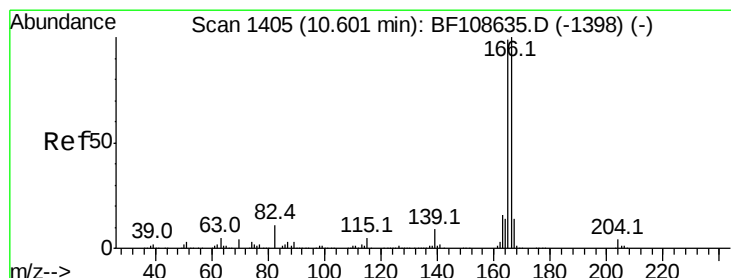
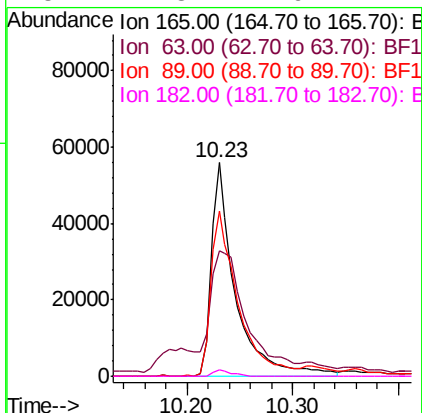
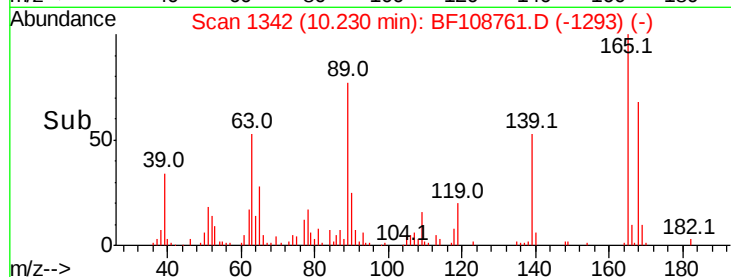
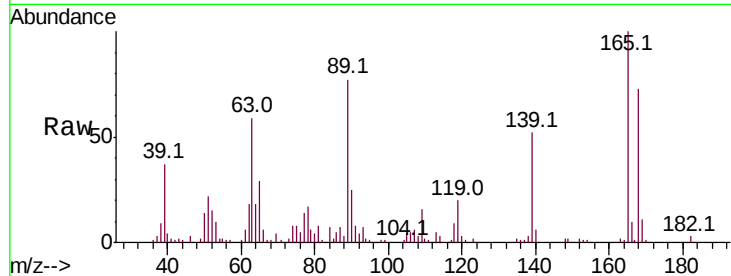
#56
2,4-Dinitrotoluene
Concen: 33.729 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.5	36.4	54.6#
89	77.3	57.8	86.6
182	2.8	1.6	2.4#

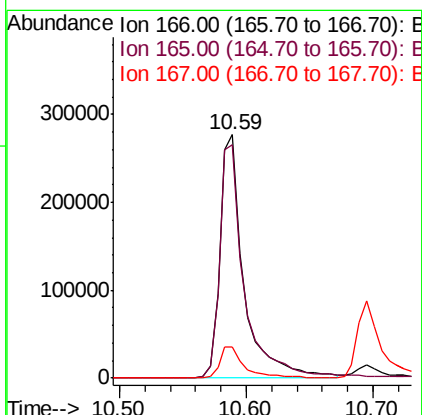
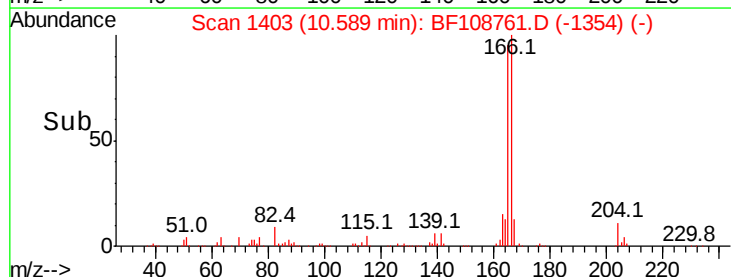
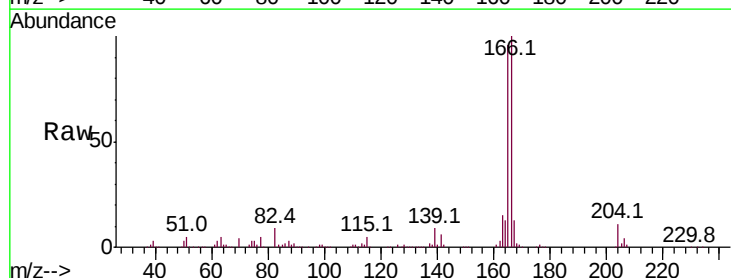
Manual Integrations
APPROVED

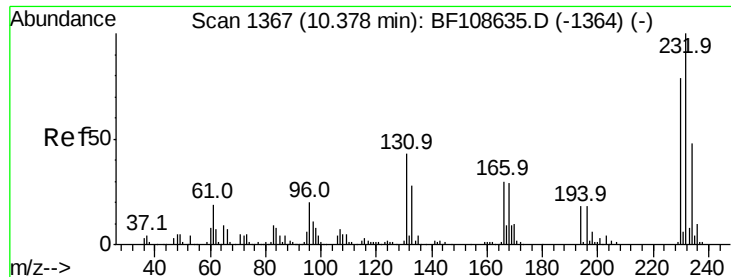
Sohil
9/5/2018 12:48:03 PM



#57
Fluorene
Concen: 44.010 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	95.9	79.8	119.8
167	13.0	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 38.897 ng

RT: 10.36 min Scan# 1364

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

ClientSampled :

PB112567BS

Tot Ion:232 Resp: 98220

Ion Ratio Lower Upper

232 100

131 36.1 43.8 65.8#

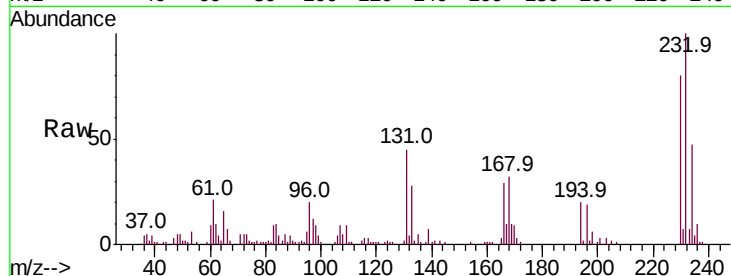
130 1.9 2.1 3.1#

166 33.0 27.8 41.6

Manual Integrations
APPROVED

Sohil

9/5/2018 12:48:03 PM

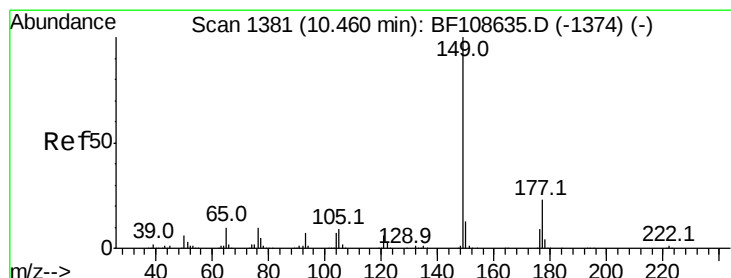
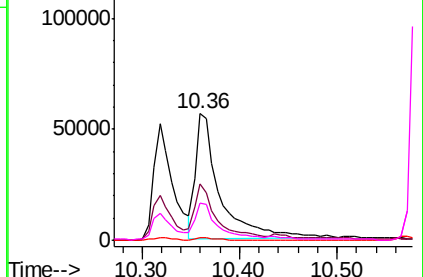
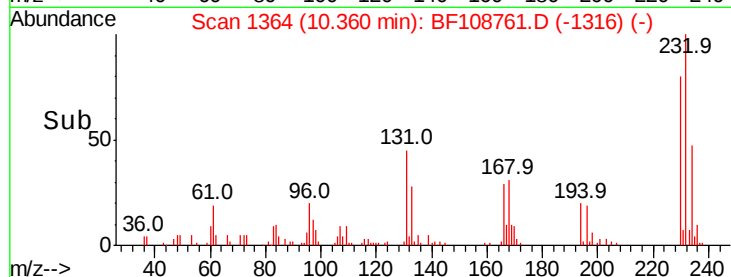


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 42.150 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

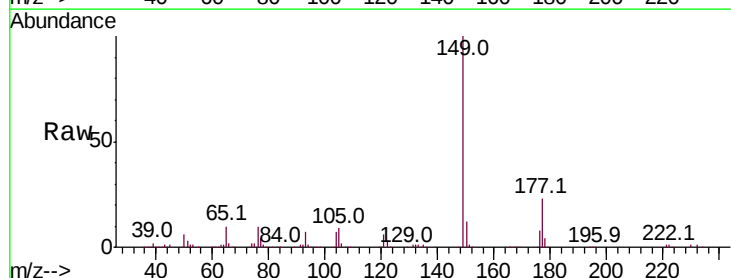
Tgt Ion:149 Resp: 384481

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

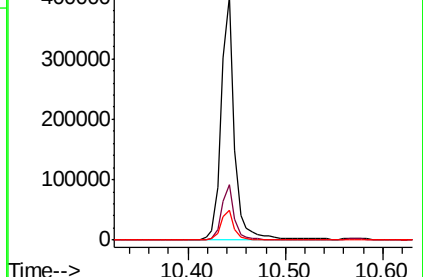
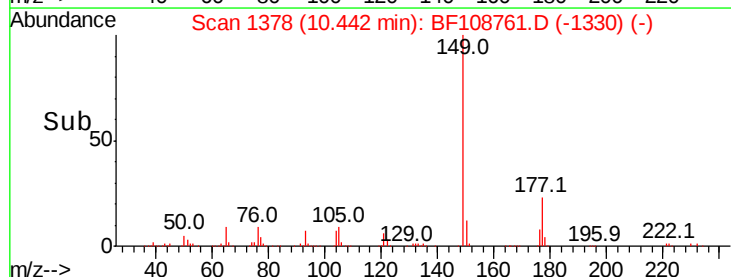
150 12.5 10.1 15.1

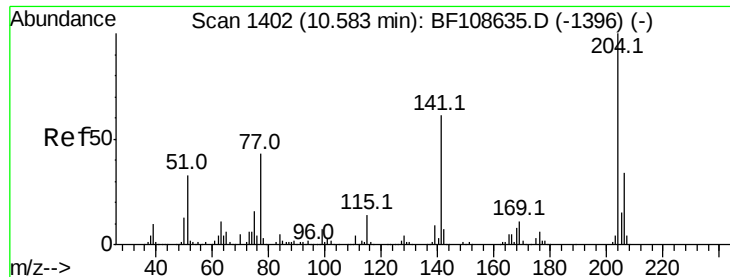


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 40.149 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

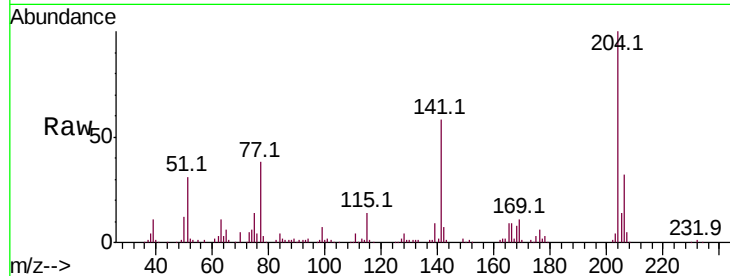
ClientSampled :

PB112567BS

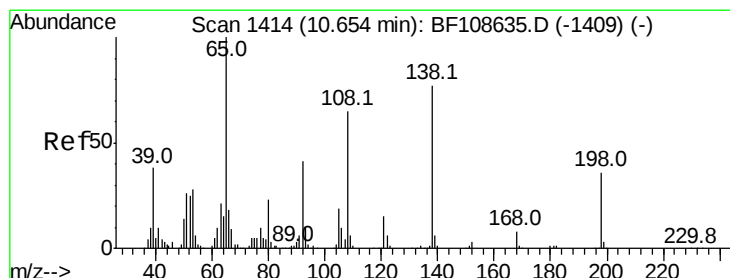
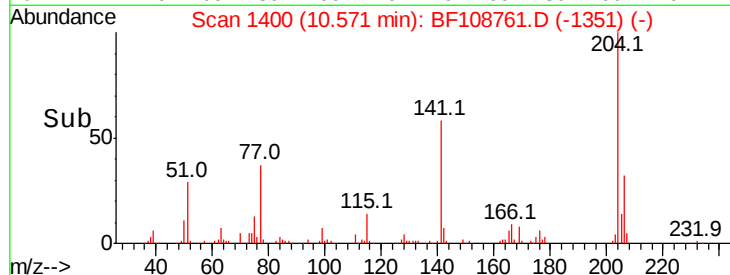
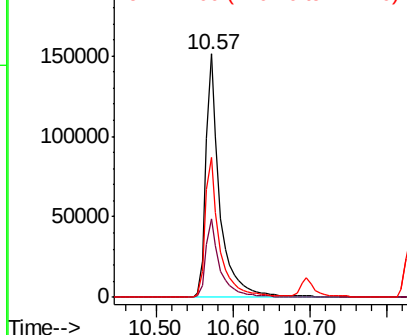
Tot Ion:	204	Resp:	189507
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	57.7	54.6	81.8

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



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



#61

4-Nitroaniline

Concen: 42.934 ng

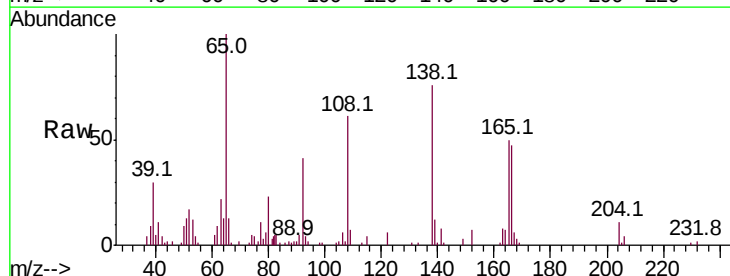
RT: 10.63 min Scan# 1410

Delta R.T. -0.02 min

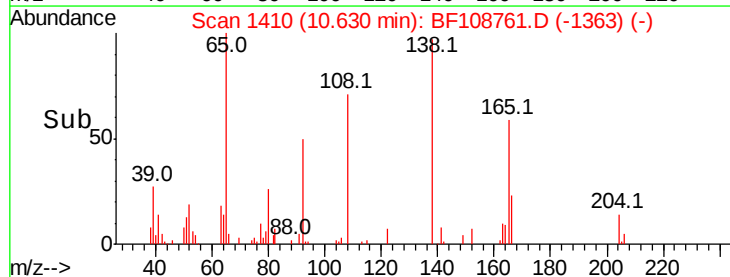
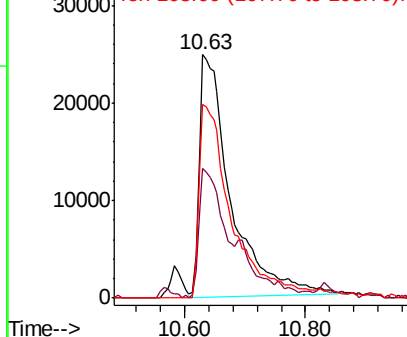
Lab File: BF108761.D

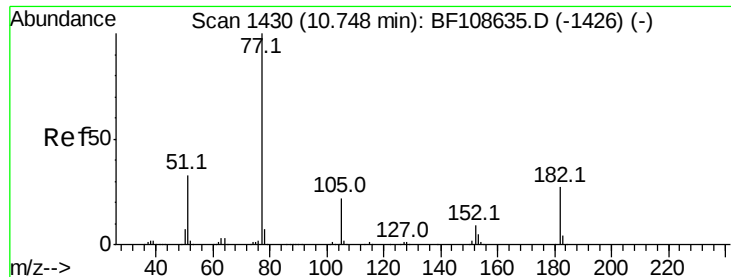
Acq: 5 Sep 2018 2:52

Tgt Ion:	138	Resp:	89694
Ion Ratio	Lower	Upper	
138	100		
92	53.5	30.2	70.2
108	79.3	52.5	92.5



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





#62

Azobenzene

Concen: 40.912 ng

RT: 10.73 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

ClientSampleId :

PB112567BS

Tot Ion: 77 Resp: 370933

Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 20.3 3.0 43.0

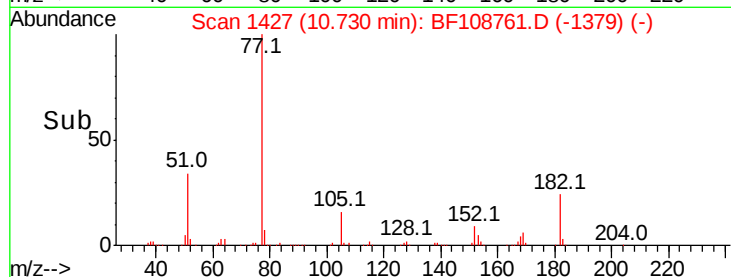
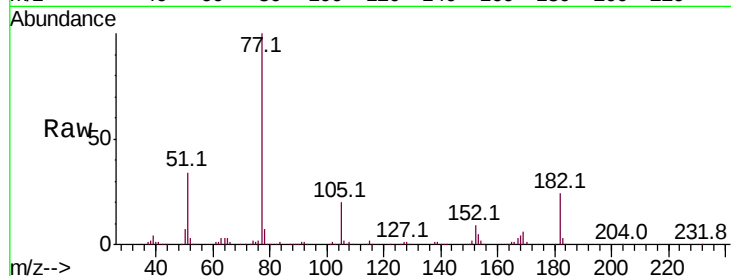
51 34.5 9.9 49.9

Manual Integrations

APPROVED

Sohil

9/5/2018 12:48:03 PM

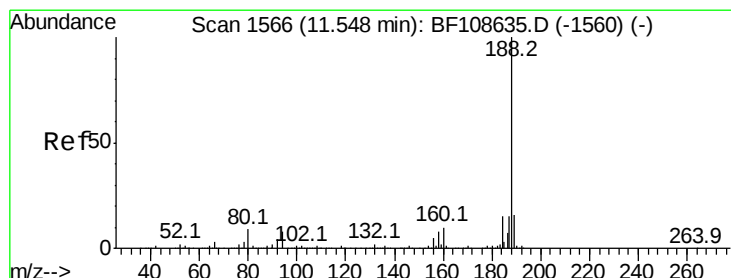
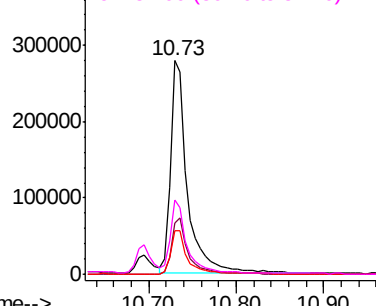


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

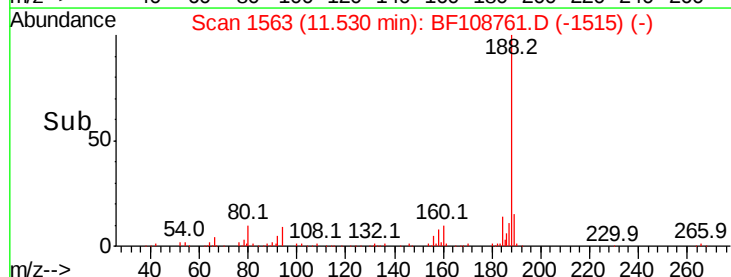
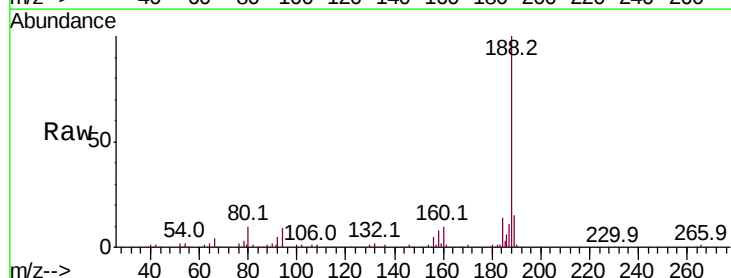
Tgt Ion: 188 Resp: 235491

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

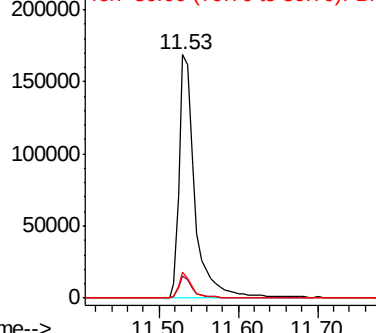
80 10.4 9.2 13.8

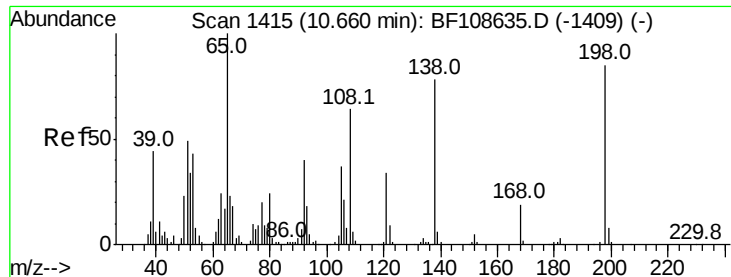


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





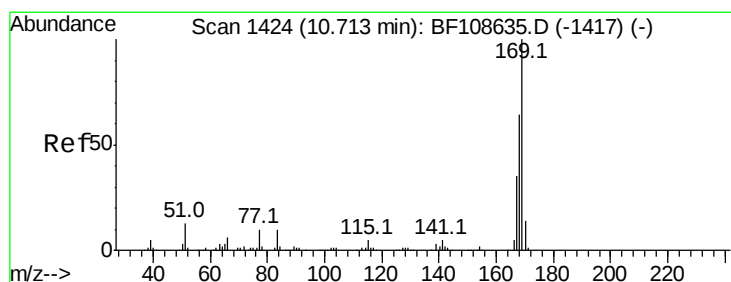
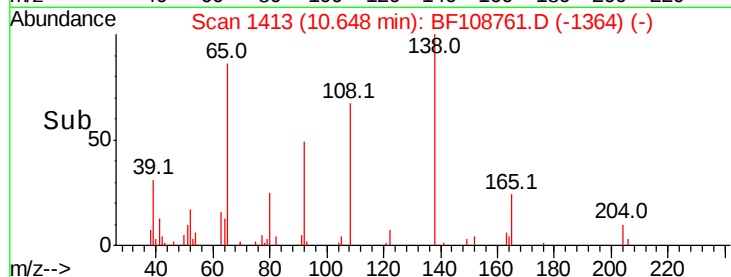
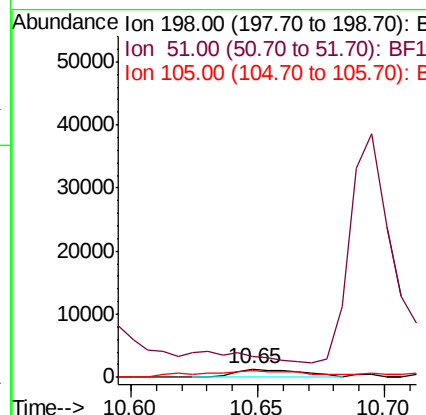
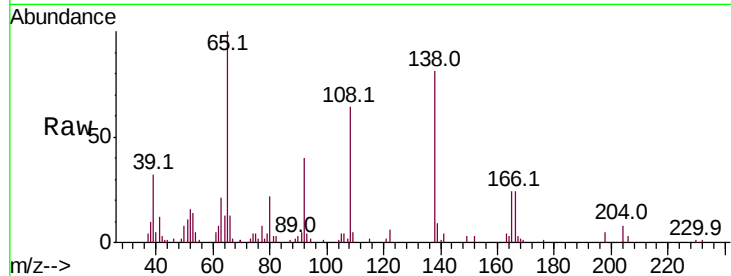
#64
4,6-Dinitro-2-methylphenol
Concen: 2.265 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	2367		
51	242.3		37.7	77.7#
105	87.0		36.3	76.3#

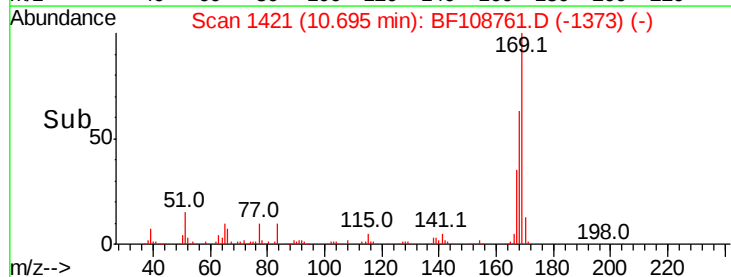
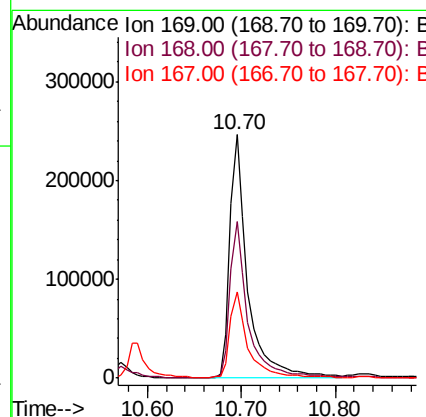
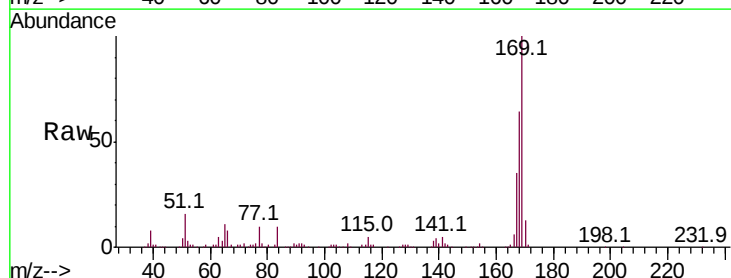
Manual Integrations
APPROVED

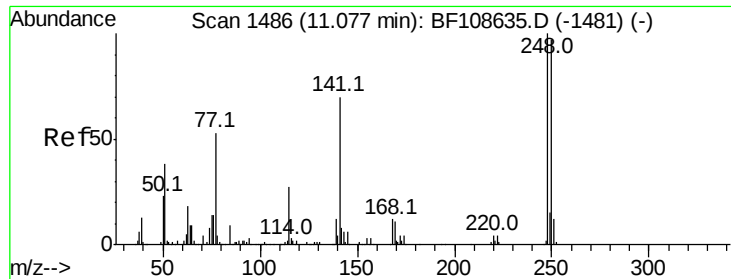
Sohil
9/5/2018 12:48:03 PM



#65
n-Nitrosodiphenylamine
Concen: 41.438 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	324204		
168	64.4		54.4	81.6
167	35.5		29.8	44.6





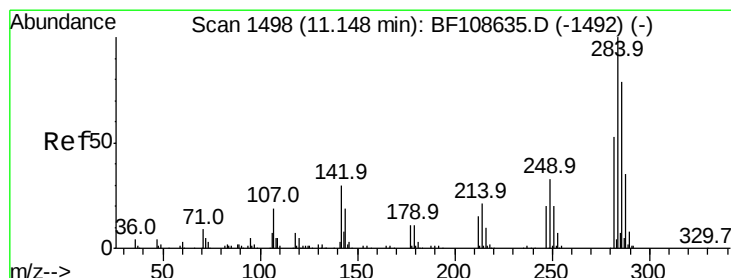
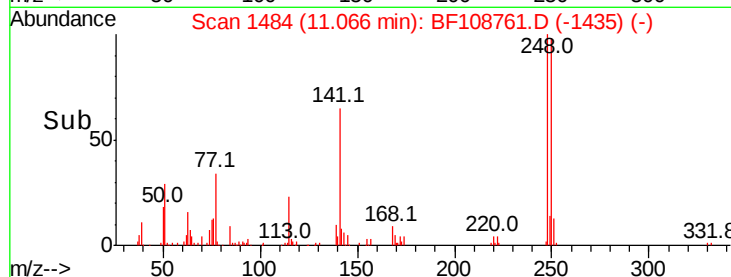
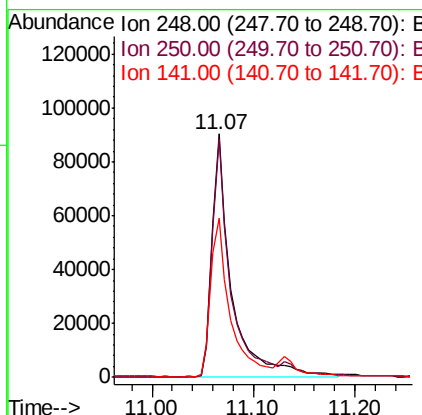
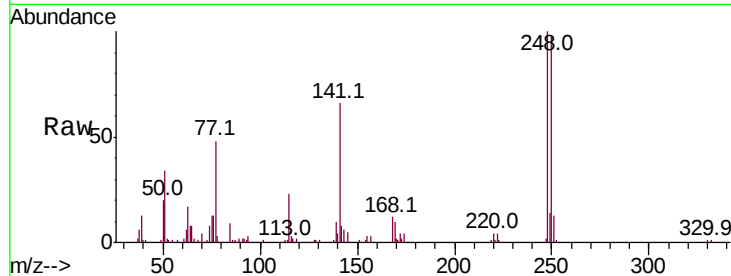
#66
4-Bromophenyl-phenylether
Concen: 42.245 ng
RT: 11.07 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.8	76.9	115.3	
141	65.6	74.4	111.6	

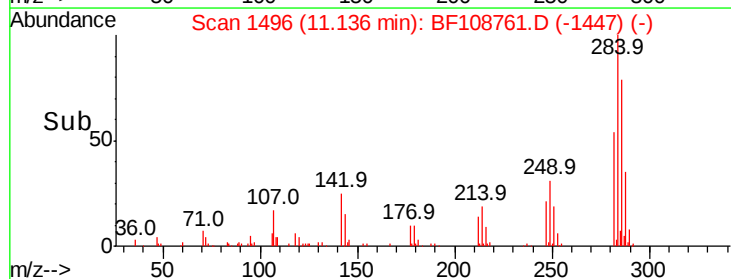
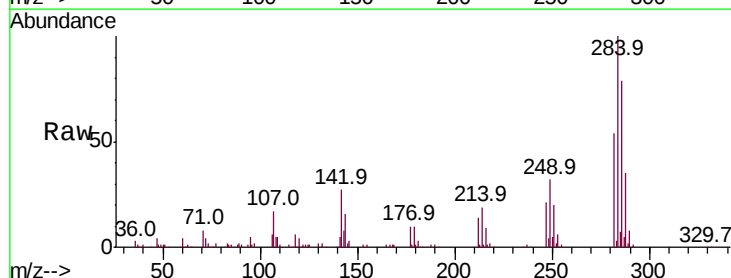
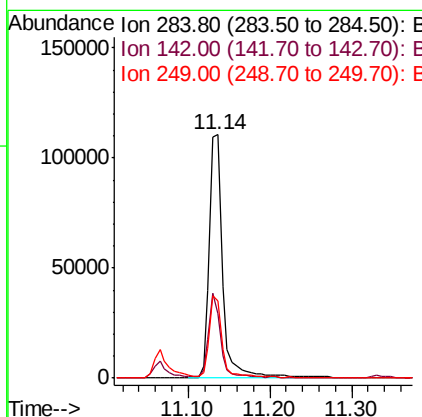
Manual Integrations
APPROVED

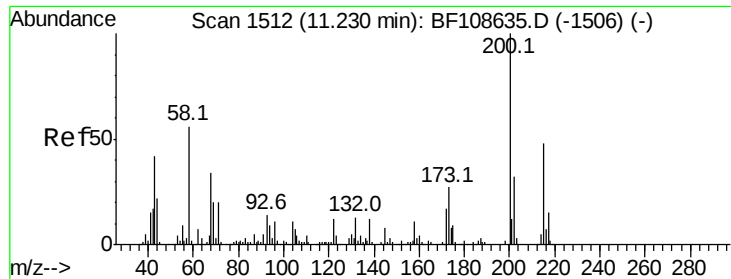
Sohil
9/5/2018 12:48:03 PM



#67
Hexachlorobenzene
Concen: 40.624 ng
RT: 11.14 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.7	34.6	52.0	
249	31.9	24.8	37.2	





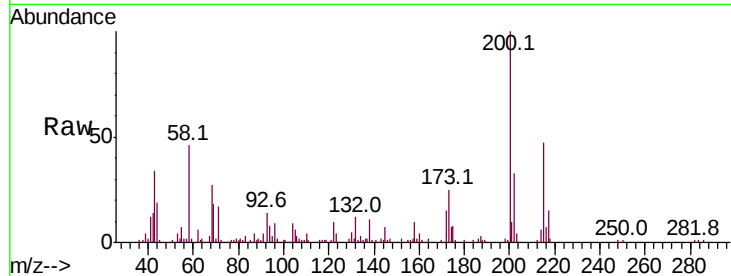
#68
Atrazine
Concen: 57.484 ng
RT: 11.21 min Scan# 1509
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	8.6	48.6
215	47.0	25.1	65.1

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM

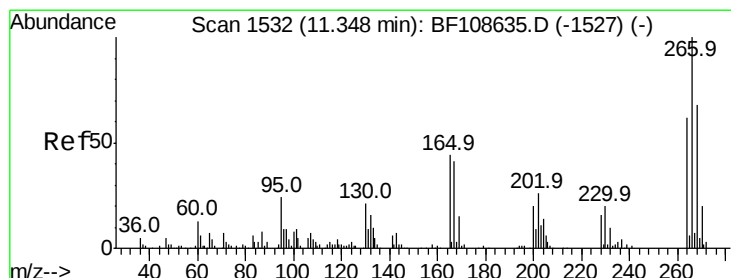
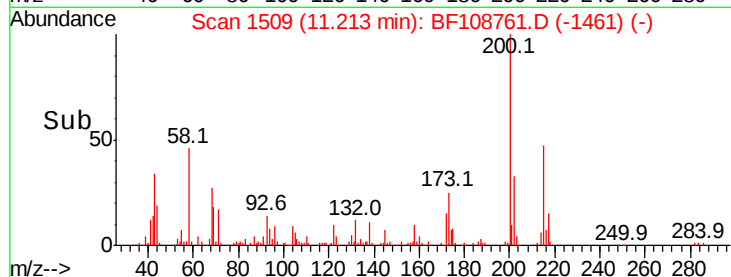
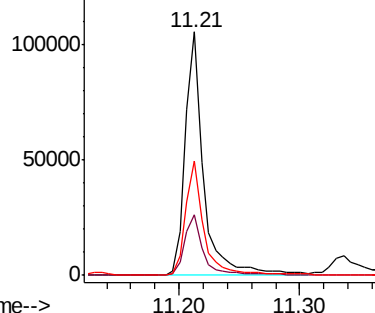


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 52.772 ng
RT: 11.34 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

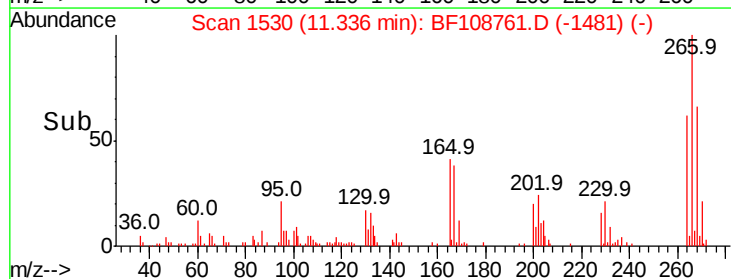
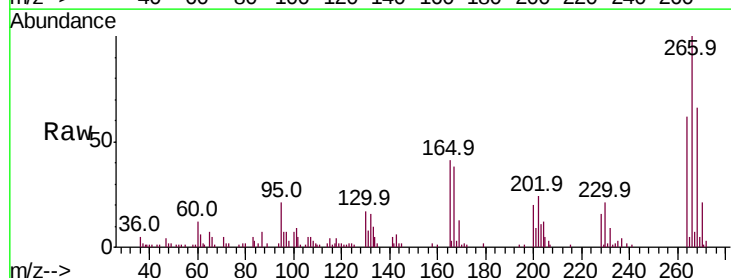
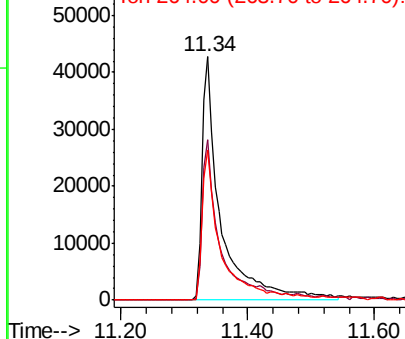
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.7	51.1	76.7
264	61.8	49.5	74.3

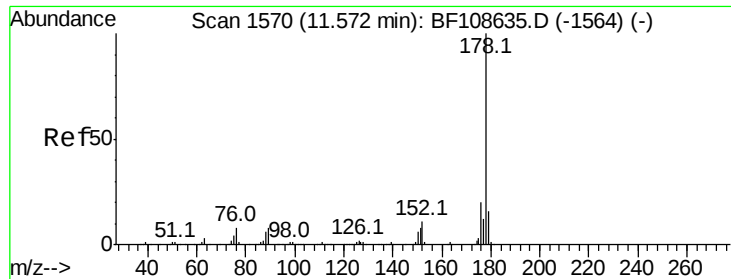
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





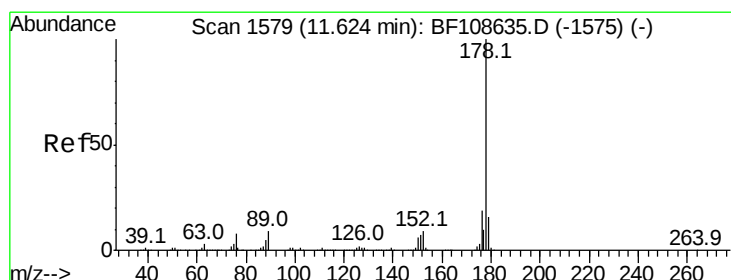
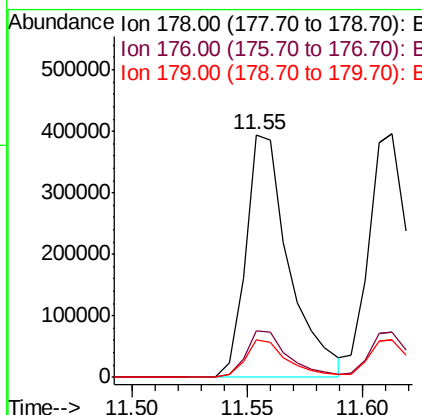
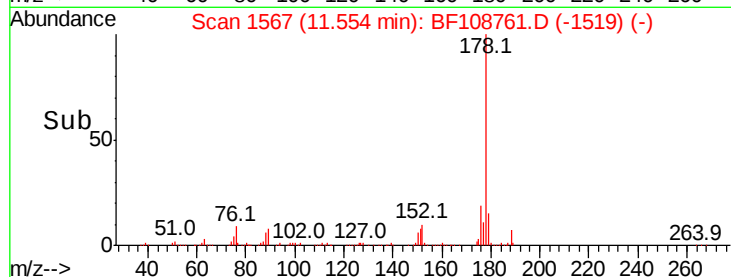
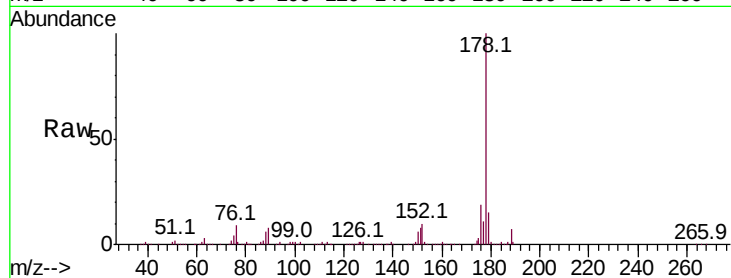
#70
Phenanthrene
Concen: 43.469 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	13.0	19.6

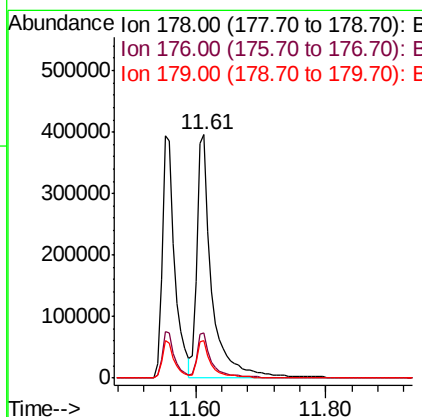
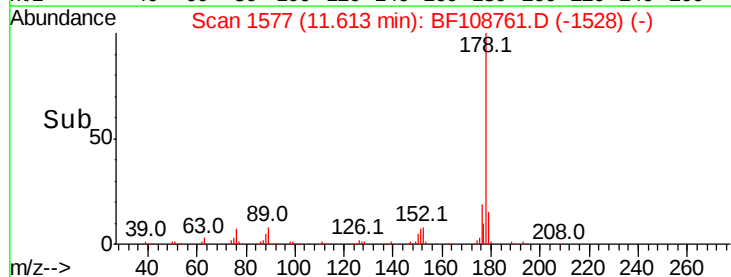
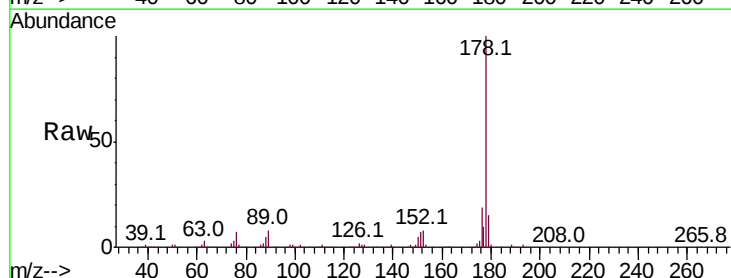
Manual Integrations
APPROVED

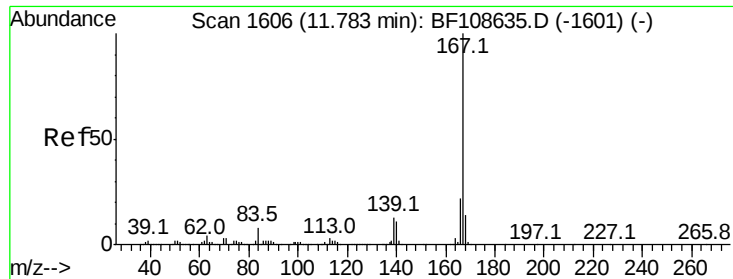
Sohil
9/5/2018 12:48:03 PM



#71
Anthracene
Concen: 49.749 ng
RT: 11.61 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 42.955 ng

RT: 11.77 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

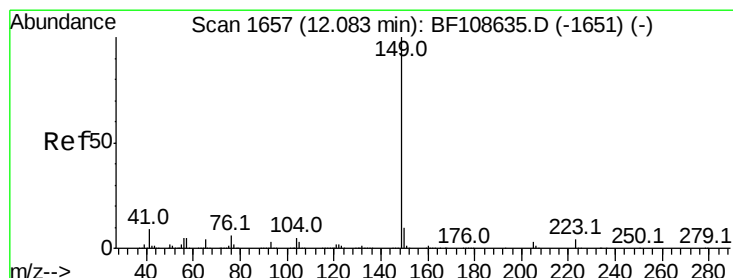
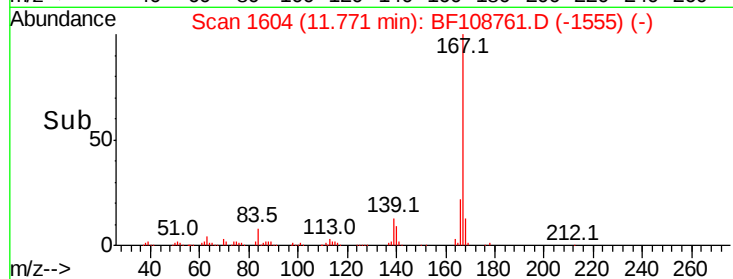
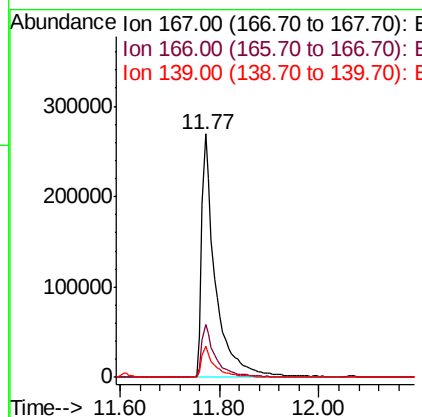
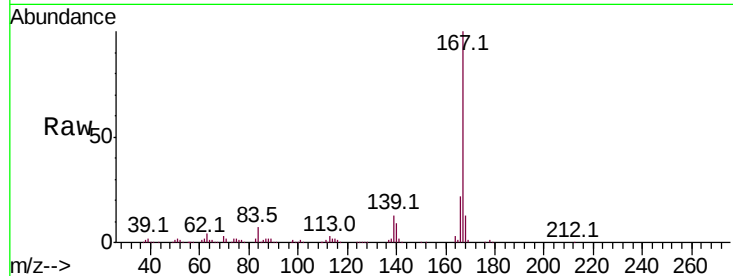
ClientSampleId :

PB112567BS

Tot Ion:	167	Resp:	518744
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	12.6	10.9	16.3

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#73

Di-n-butylphthalate

Concen: 44.226 ng

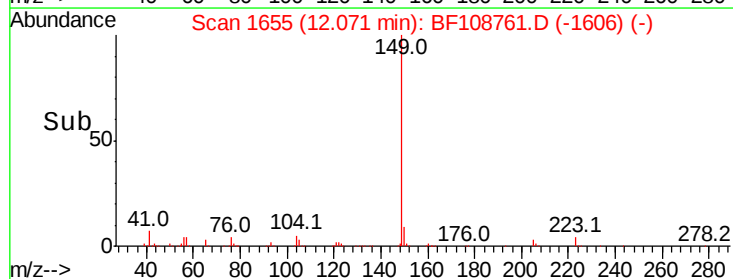
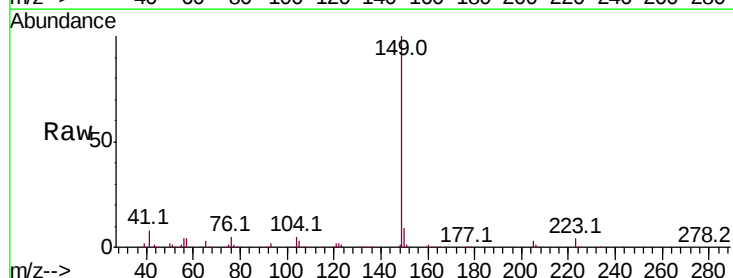
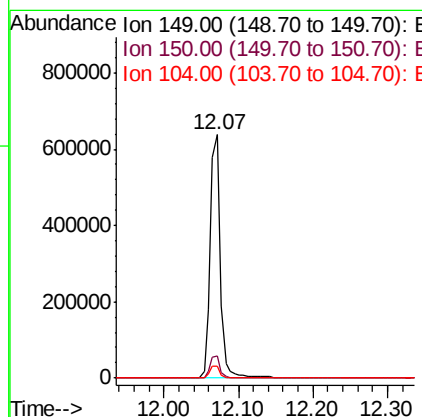
RT: 12.07 min Scan# 1655

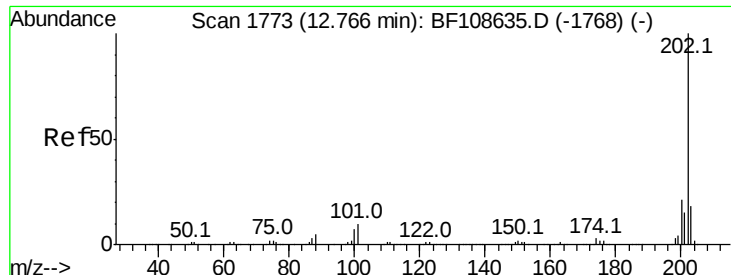
Delta R.T. -0.01 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	149	Resp:	614485
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.8	3.8	5.8





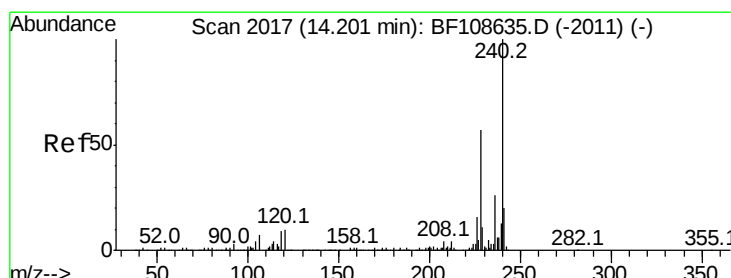
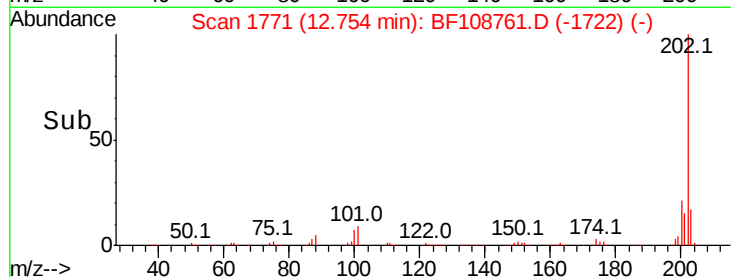
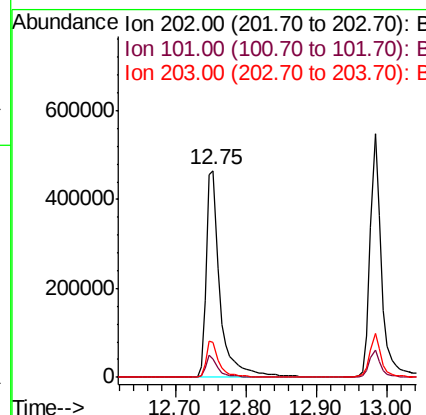
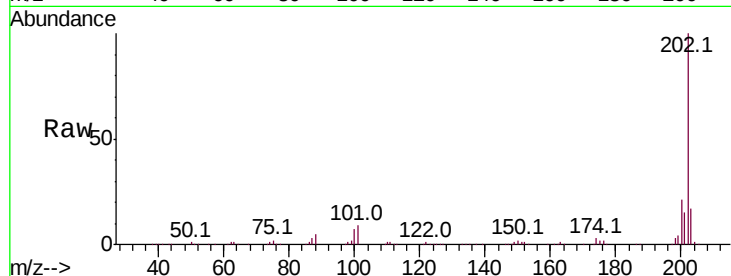
#74
Fluoranthene
 Concen: 47.619 ng
 RT: 12.75 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112567BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	34.1
203	17.1	0.0	38.1

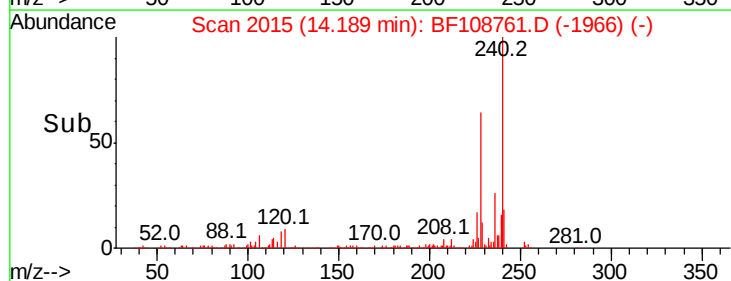
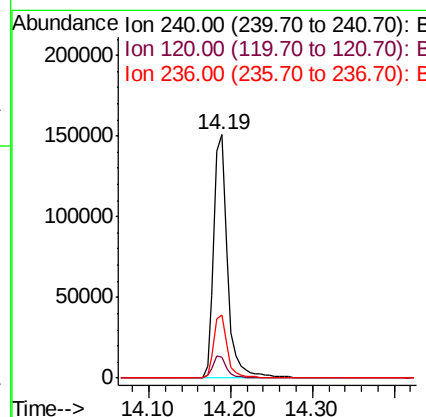
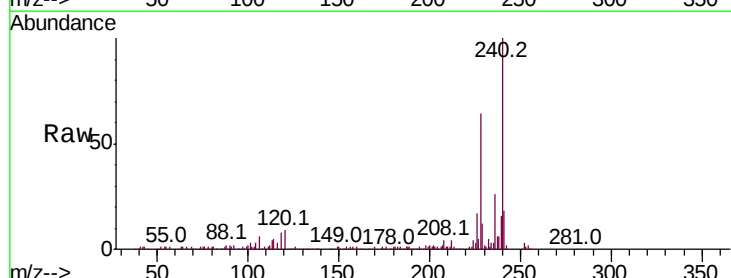
Manual Integrations
 APPROVED

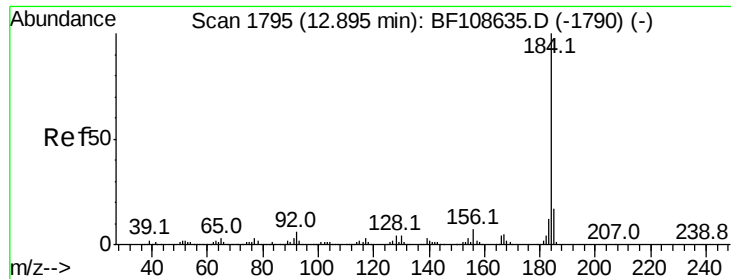
Sohil
 9/5/2018 12:48:03 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.0	20.7	31.1





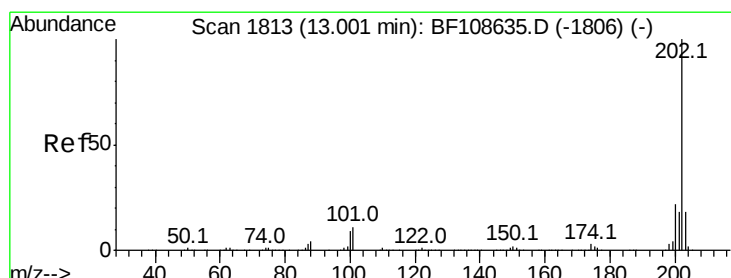
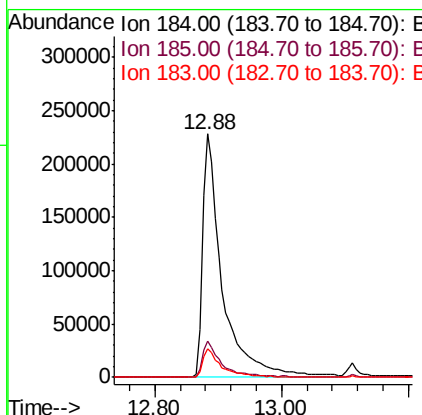
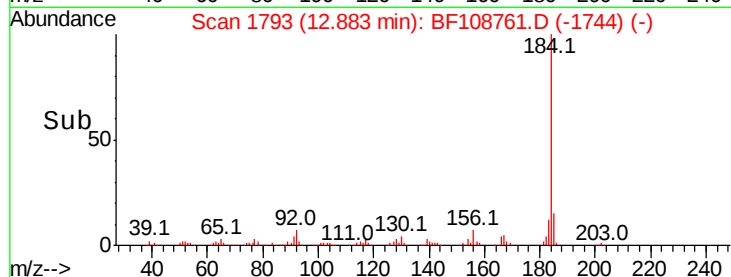
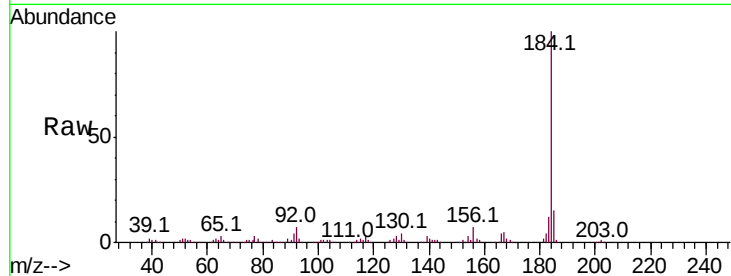
#76
Benzidine
Concen: 98.653 ng
RT: 12.88 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.6	9.3	13.9

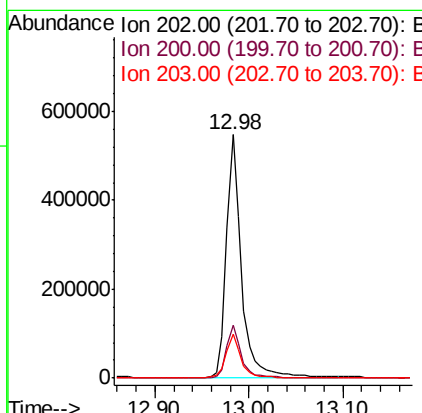
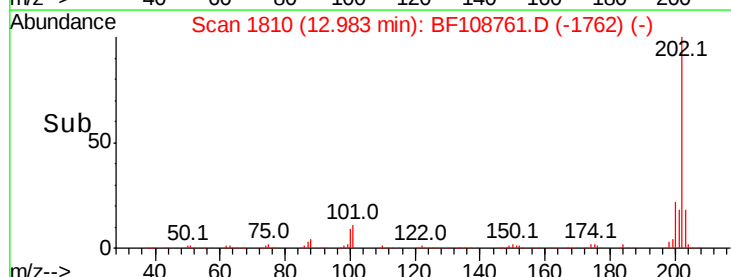
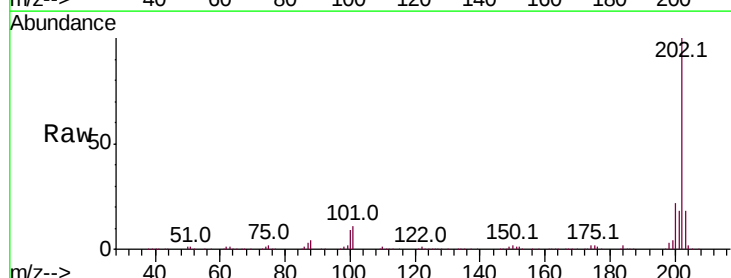
Manual Integrations
APPROVED

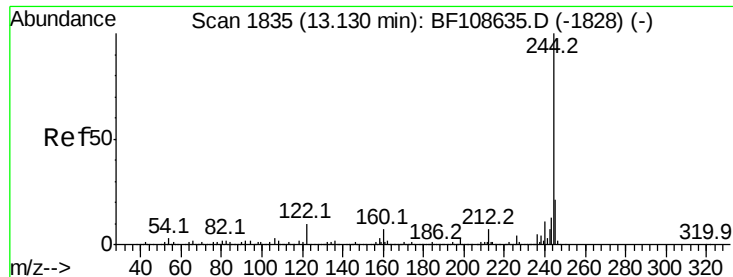
Sohil
9/5/2018 12:48:03 PM



#77
Pyrene
Concen: 45.816 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5





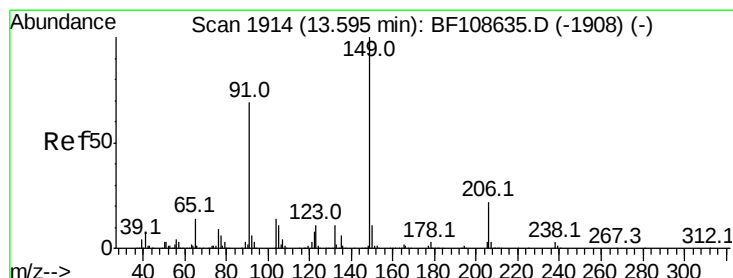
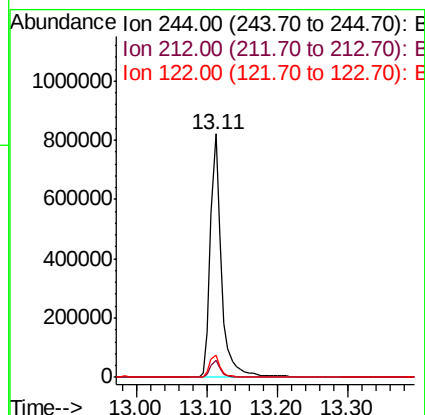
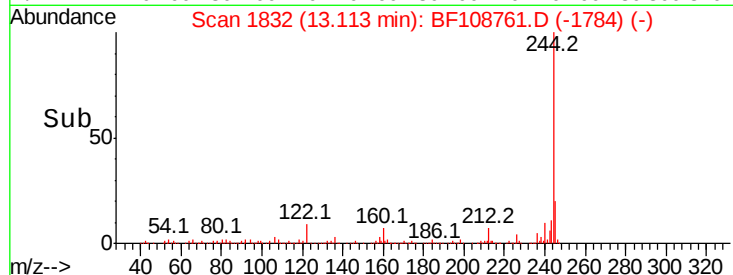
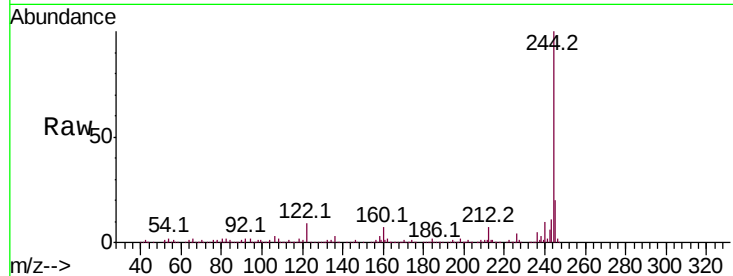
#78
 Terphenyl-d14
 Concen: 97.973 ng
 RT: 13.11 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Instrument :
 BNA_F
 ClientSampled :
 PB112567BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	8.9	11.0	16.4#

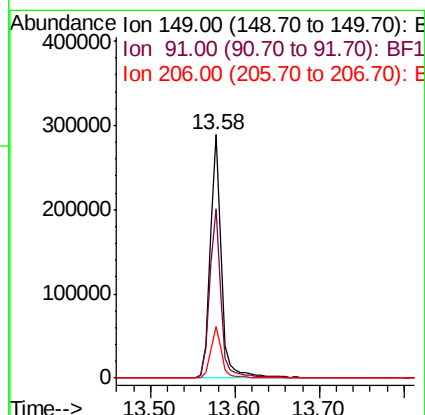
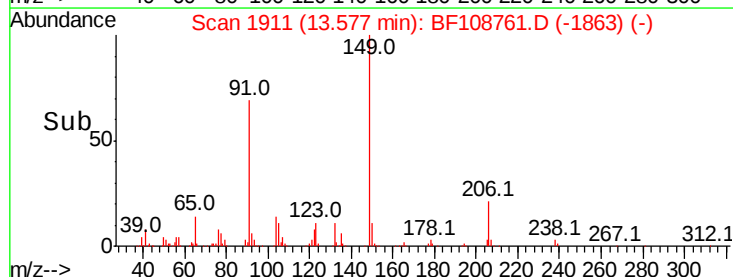
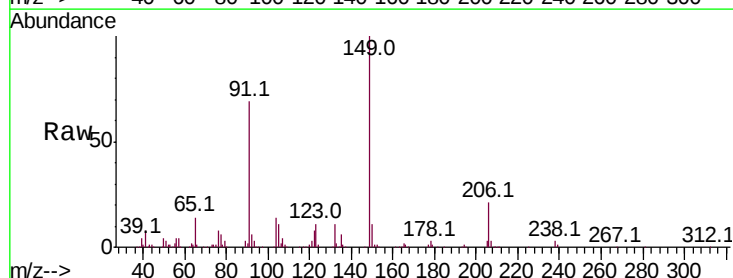
Manual Integrations
 APPROVED

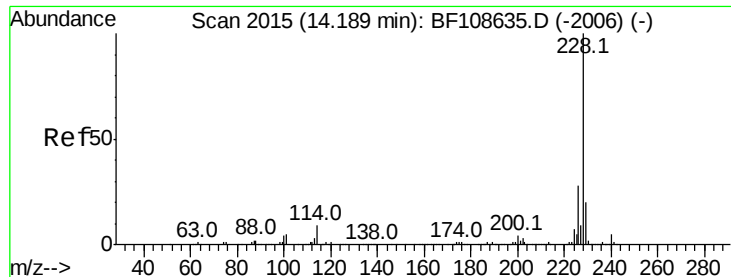
Sohil
 9/5/2018 12:48:03 PM



#79
 Butylbenzylphthalate
 Concen: 47.915 ng
 RT: 13.58 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF108761.D
 Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.8	85.2
206	21.0	14.1	21.1





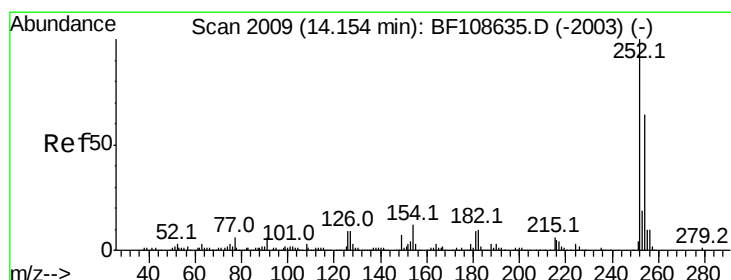
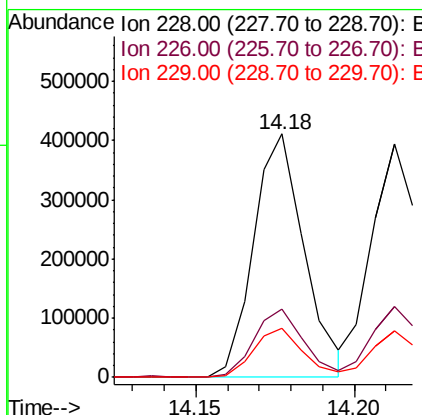
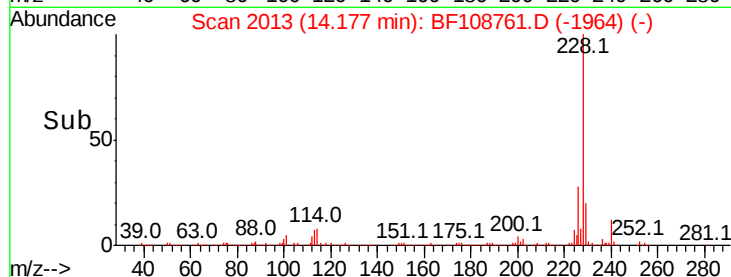
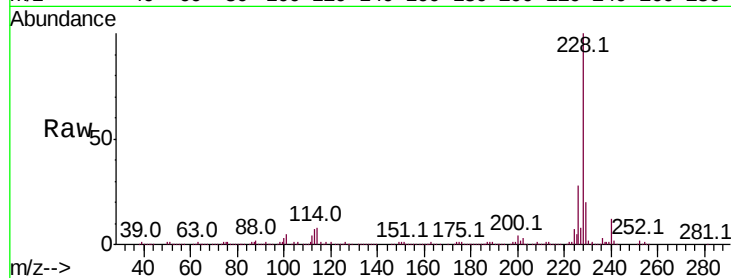
#80
Benzo(a)anthracene
Concen: 42.271 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

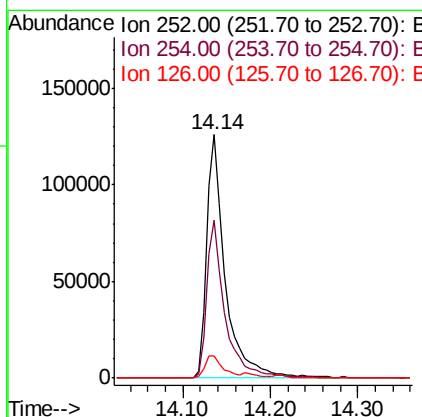
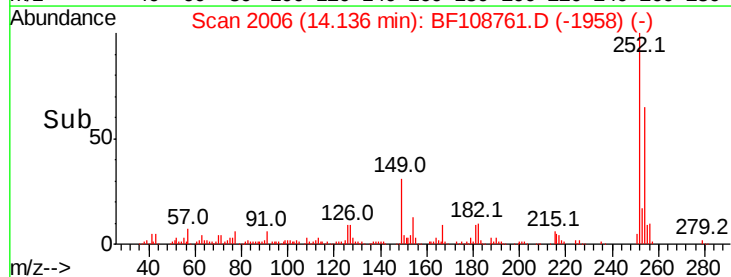
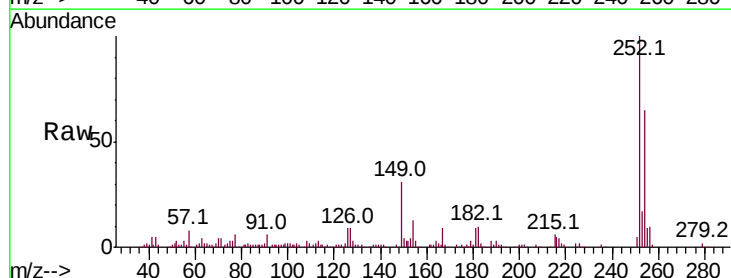
Manual Integrations
APPROVED

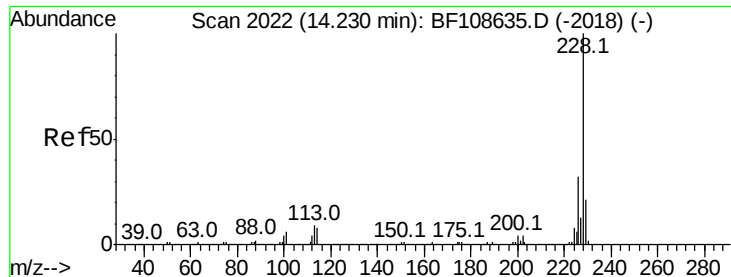
Sohil
9/5/2018 12:48:03 PM



#81
3,3'-Dichlorobenzidine
Concen: 47.547 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	9.2	11.3	16.9#





#82

Chrysene

Concen: 46.574 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

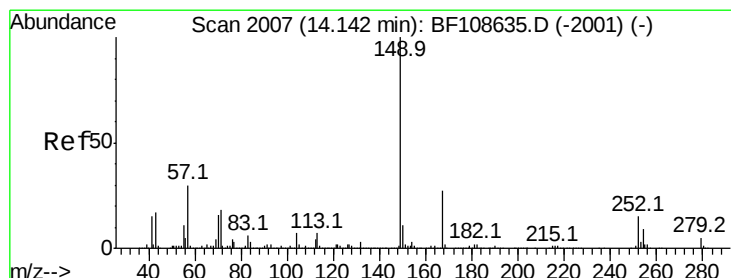
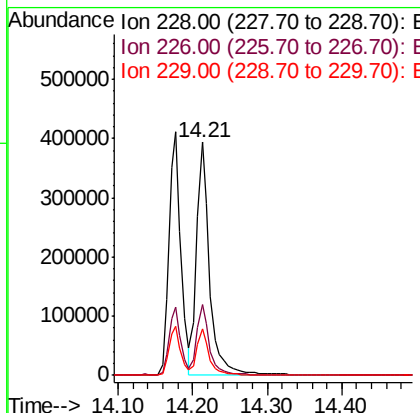
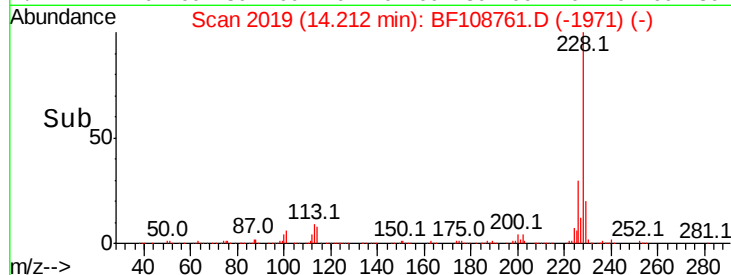
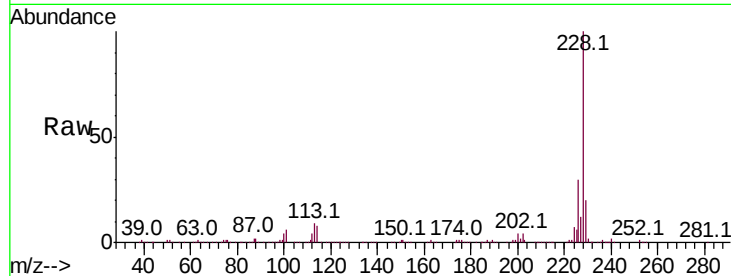
ClientSampled :

PB112567BS

Tot Ion:	228	Resp:	484226
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	19.8	16.2	24.4

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 50.213 ng

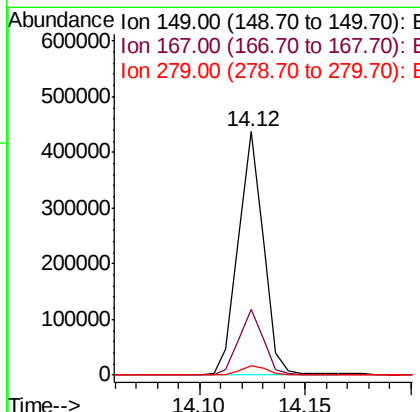
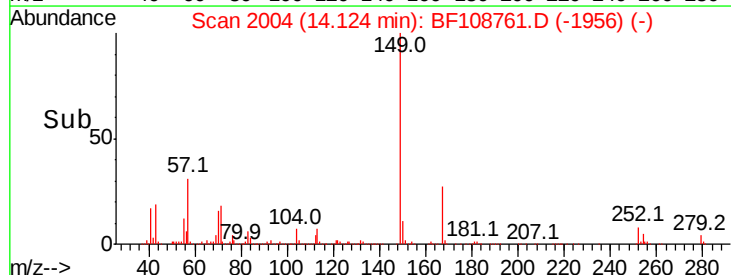
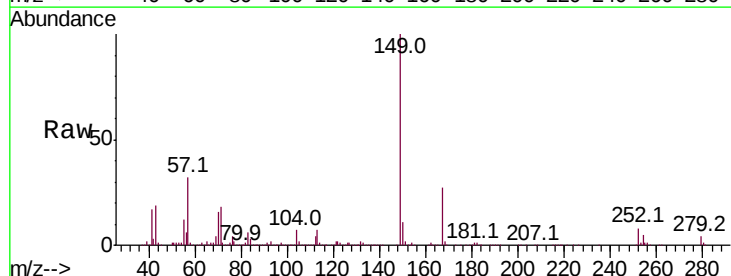
RT: 14.12 min Scan# 2004

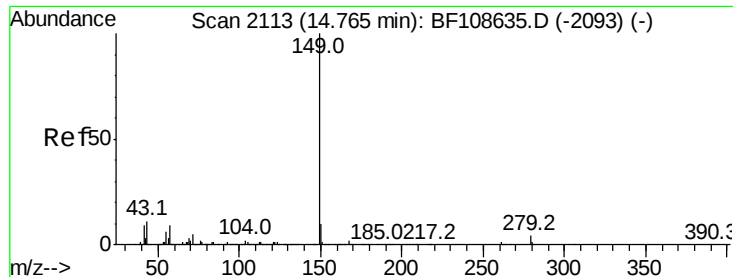
Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Tgt Ion:	149	Resp:	361800
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	4.1	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 51.511 ng

RT: 14.75 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF108761.D

Acq: 5 Sep 2018 2:52

Instrument :

BNA_F

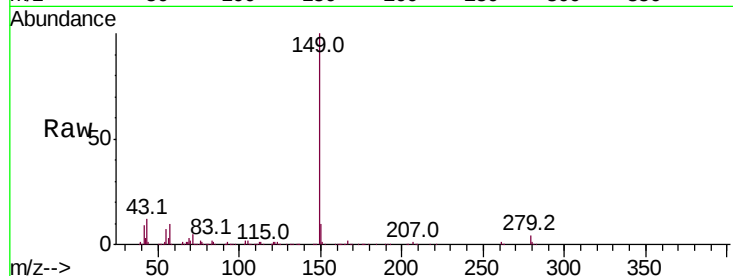
ClientSampleId :

PB112567BS

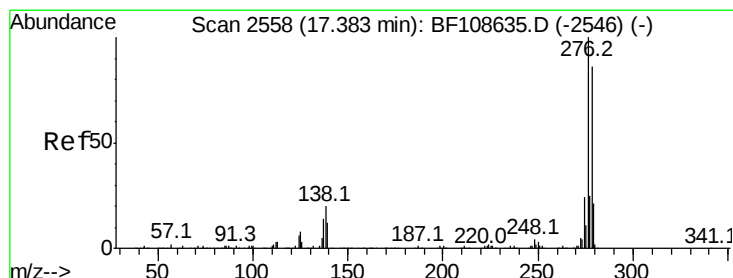
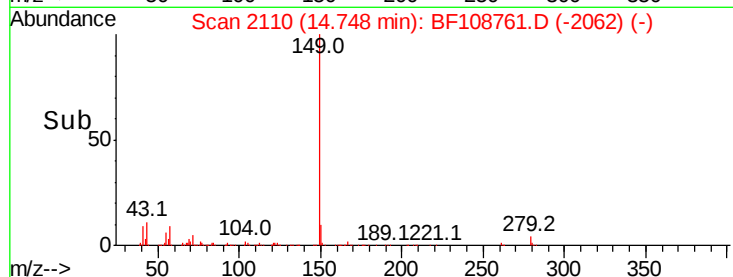
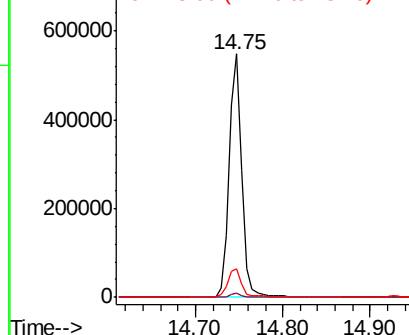
Tot Ion:	149	Resp:	545702
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.690 ng

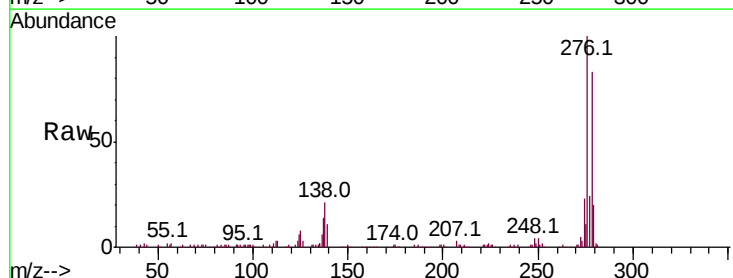
RT: 17.36 min Scan# 2554

Delta R.T. -0.02 min

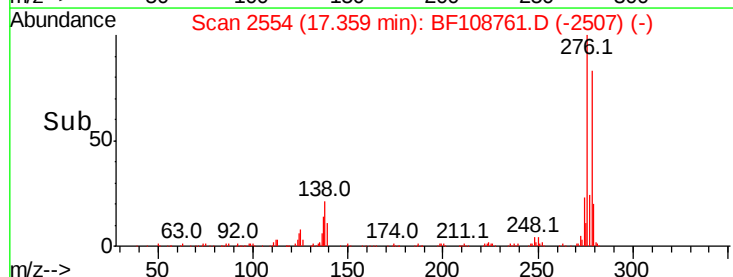
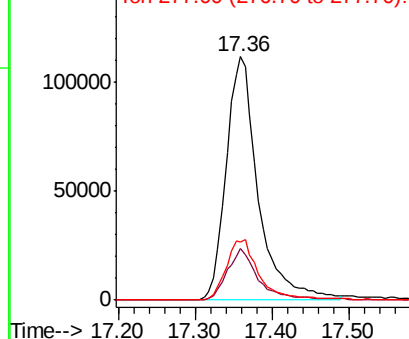
Lab File: BF108761.D

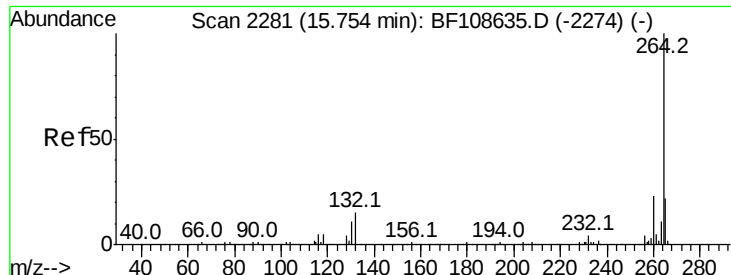
Acq: 5 Sep 2018 2:52

Tgt Ion:	276	Resp:	323075
Ion Ratio	Lower	Upper	
276	100		
138	20.8	25.0	37.6#
277	25.7	20.1	30.1



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





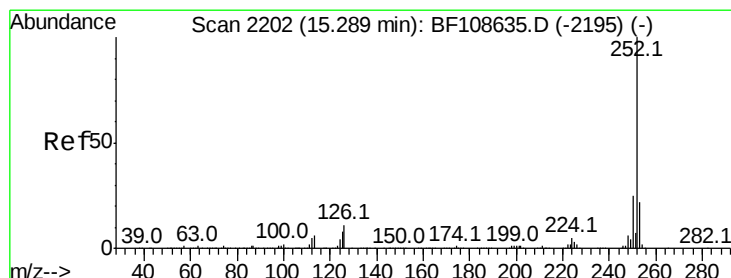
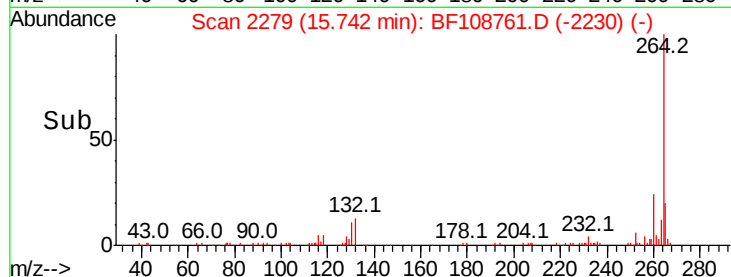
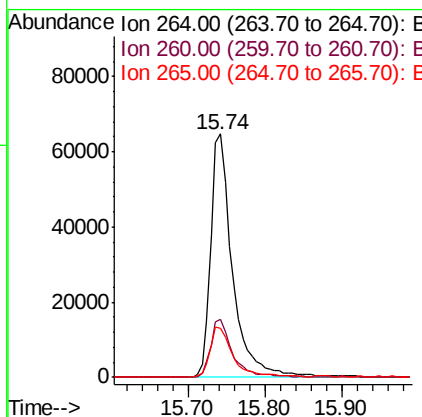
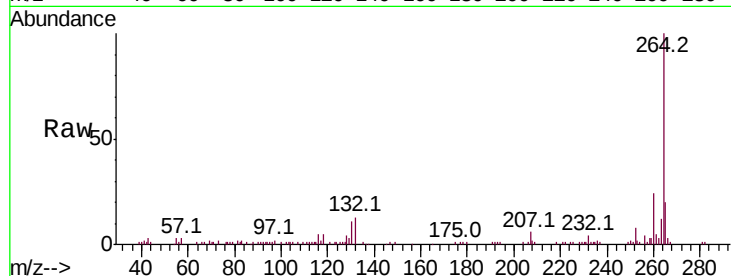
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.2	17.5	26.3

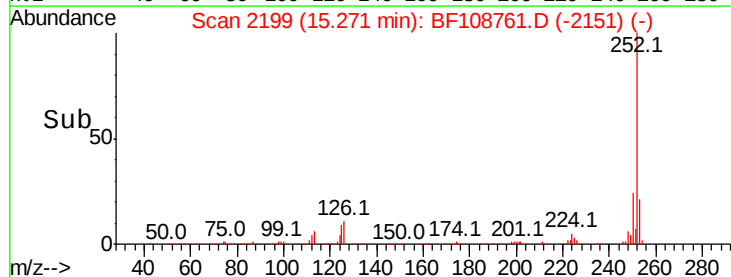
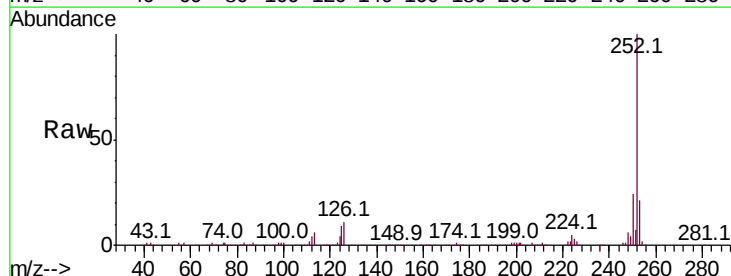
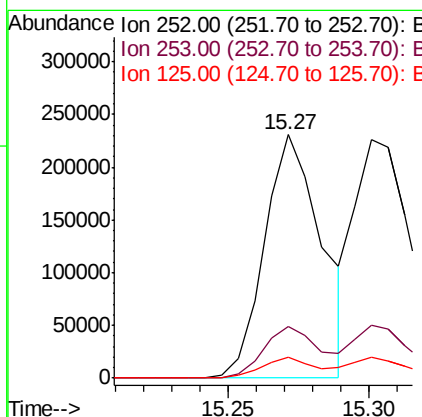
Manual Integrations
APPROVED

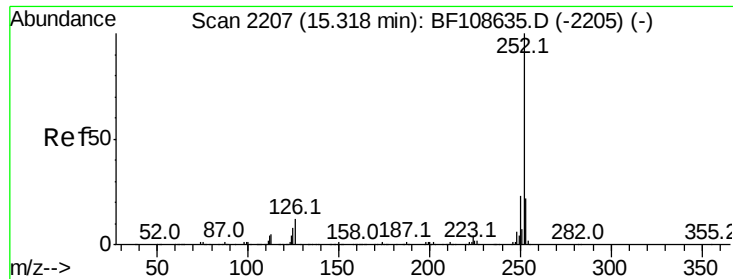
Sohil
9/5/2018 12:48:03 PM



#87
Benzo(b)fluoranthene
Concen: 41.835 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	8.7	9.0	13.6#





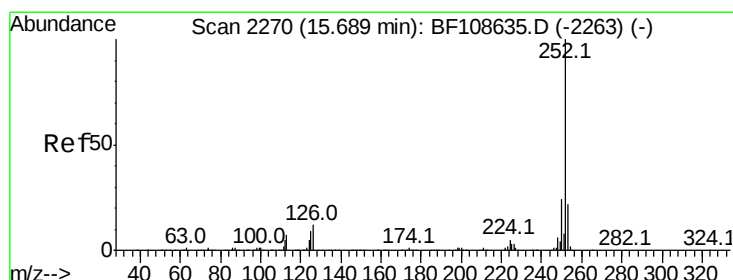
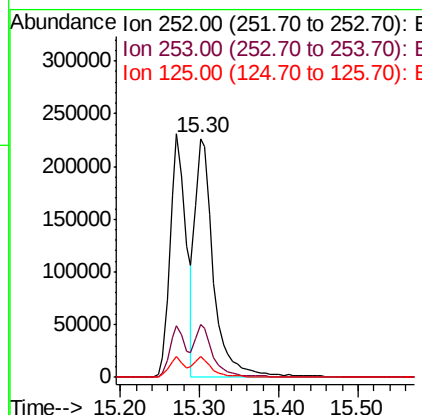
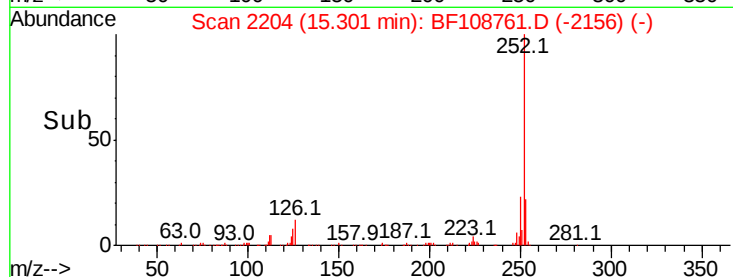
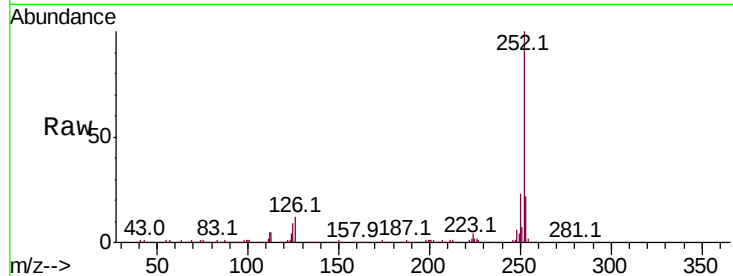
#88
Benzo(k)fluoranthene
Concen: 47.440 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampleId :
PB112567BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.6	10.2	15.2

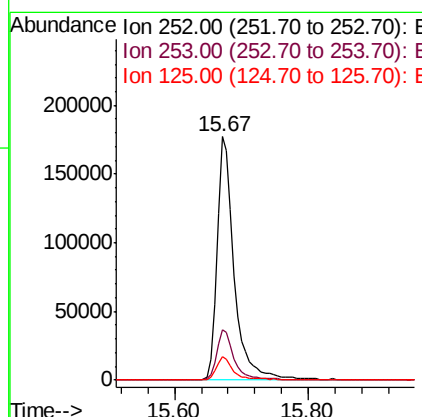
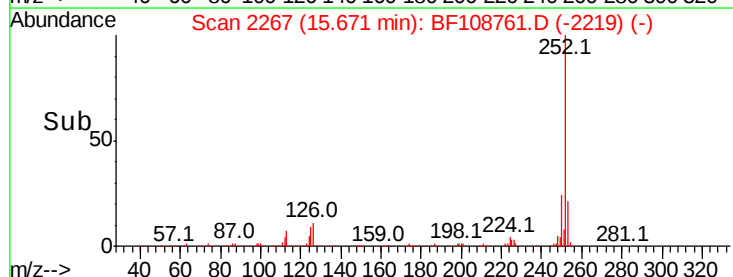
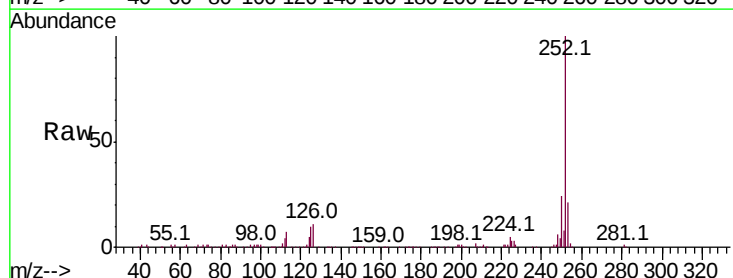
Manual Integrations
APPROVED

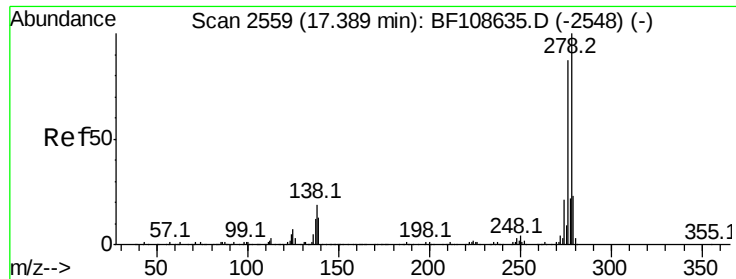
Sohil
9/5/2018 12:48:03 PM



#89
Benzo(a)pyrene
Concen: 45.764 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	9.5	9.8	14.6





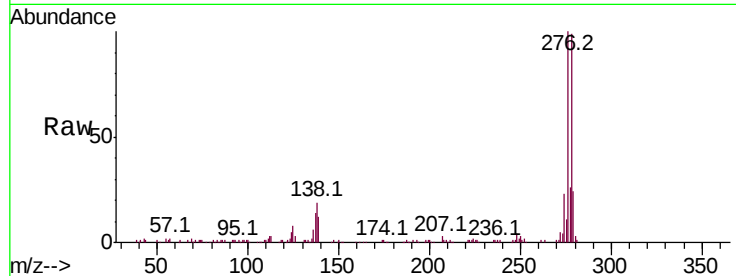
#90
Dibenzo(a,h)anthracene
Concen: 49.886 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Instrument :
BNA_F
ClientSampled :
PB112567BS

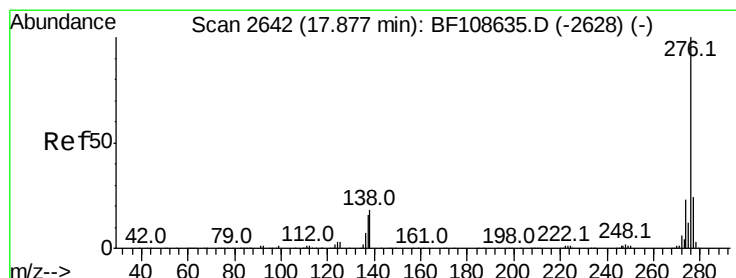
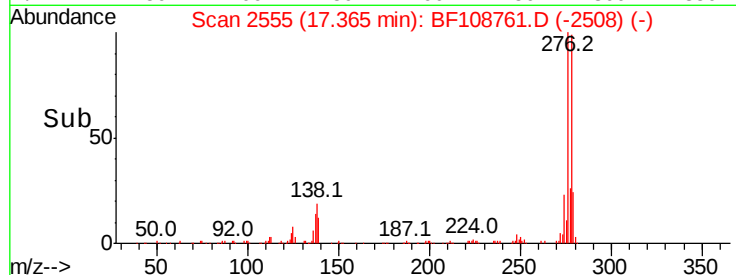
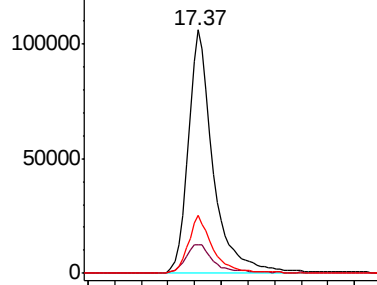
Tot Ion	Ratio	Lower	Upper
278	100		
139	11.6	15.9	23.9#
279	23.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:03 PM



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



#91
Benzo(g,h,i)perylene
Concen: 48.778 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.03 min
Lab File: BF108761.D
Acq: 5 Sep 2018 2:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	16.3	21.8	32.8#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

