

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108909.D
 Acq On : 10 Sep 2018 22:32
 Operator : JU/SJ
 Sample : PB112743BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:23 AM

Quant Time: Sep 11 04:02:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165107	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	616268	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	257863	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	445069	20.00	ng	0.00
75) Chrysene-d12	13.88	240	375477	20.00	ng	0.02
86) Perylene-d12	15.29	264	300132	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1185189	118.92	ng	0.03
7) Phenol-d6	6.38	99	1479505	115.38	ng	0.02
23) Nitrobenzene-d5	7.30	82	929969	94.44	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	297126	120.70	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1565130	103.55	ng	0.00
78) Terphenyl-d14	12.84	244	1379239	85.66	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	204136	42.620	ng	92
3) Pyridine	3.21	79	544178	41.486	ng	92
4) n-Nitrosodimethylamine	3.14	42	232458	46.140	ng	92
6) Aniline	6.40	93	550798	31.936	ng	94
8) 2-Chlorophenol	6.53	128	447284	40.546	ng	95
9) Benzaldehyde	6.28	77	226076	24.851	ng	98
10) Phenol	6.40	94	549753	37.431	ng	78
11) bis(2-Chloroethyl)ether	6.48	93	461984	39.266	ng	98
12) 1,3-Dichlorobenzene	6.68	146	511659	40.645	ng	99
13) 1,4-Dichlorobenzene	6.76	146	513977	40.828	ng	99
14) 1,2-Dichlorobenzene	6.91	146	471134	40.603	ng	99
15) Benzyl Alcohol	6.88	79	384526	39.075	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	680699	38.704	ng	97
17) 2-Methylphenol	7.00	107	363988	39.044	ng	99
18) Hexachloroethane	7.25	117	142167	31.320	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	318985	35.787	ng	96
20) 3+4-Methylphenols	7.15	107	421455	38.593	ng	# 68
22) Acetophenone	7.15	105	592895	42.391	ng	# 92
24) Nitrobenzene	7.32	77	467643	44.259	ng	96
25) Isophorone	7.56	82	861903	43.879	ng	97
26) 2-Nitrophenol	7.64	139	151367	36.362	ng	99
27) 2,4-Dimethylphenol	7.68	122	393020	46.493	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	549775	41.863	ng	99
29) 2,4-Dichlorophenol	7.88	162	353113	40.511	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	378488	40.067	ng	98
31) Naphthalene	8.05	128	1236685	44.604	ng	100
32) Benzoic acid	7.79	122	164970	32.538	ng	100
33) 4-Chloroaniline	8.09	127	429293	33.713	ng	99
34) Hexachlorobutadiene	8.17	225	228568	40.504	ng	100
35) Caprolactam	8.45	113	111435m	37.728	ng	
36) 4-Chloro-3-methylphenol	8.58	107	347601	37.435	ng	98
37) 2-Methylnaphthalene	8.74	142	780463	42.609	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	355192	46.079	ng	98
40) Hexachlorocyclopentadiene	8.90	237	72047	18.579	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108909.D
 Acq On : 10 Sep 2018 22:32
 Operator : JU/SJ
 Sample : PB112743BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

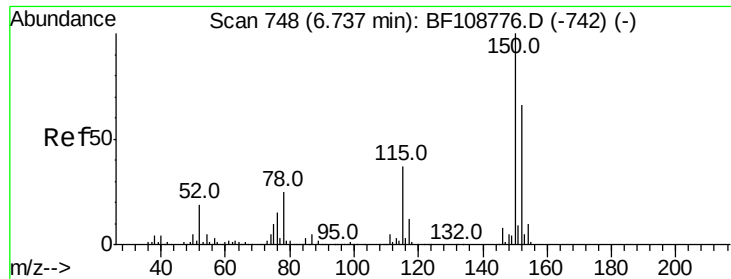
Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:23 AM

Quant Time: Sep 11 04:02:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	224038	42.671	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	234643	43.115	ng	95
45) 1,1'-Biphenyl	9.20	154	893337	45.000	ng	98
46) 2-Chloronaphthalene	9.22	162	687358	42.812	ng	99
47) 2-Nitroaniline	9.31	65	224816	51.257	ng	97
48) Acenaphthylene	9.64	152	1074124	44.883	ng	100
49) Dimethylphthalate	9.50	163	806345	44.708	ng	99
50) 2,6-Dinitrotoluene	9.55	165	146082	42.506	ng	97
51) Acenaphthene	9.81	154	602334	40.672	ng	99
52) 3-Nitroaniline	9.72	138	201980	49.372	ng	93
53) 2,4-Dinitrophenol	9.82	184	6637	13.945	ng	# 24
54) Dibenzofuran	9.98	168	889867	41.222	ng	98
55) 4-Nitrophenol	9.88	139	242543	79.306	ng	97
56) 2,4-Dinitrotoluene	9.95	165	167353	38.078	ng	91
57) Fluorene	10.32	166	638855	46.116	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	177536	40.452	ng	88
59) Diethylphthalate	10.20	149	767865	41.256	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	318929	43.107	ng	94
61) 4-Nitroaniline	10.33	138	187427	50.573	ng	96
62) Azobenzene	10.47	77	743684	38.709	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	6815	10.205	ng	85
65) n-Nitrosodiphenylamine	10.43	169	621201	41.980	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	205372	40.855	ng	# 85
67) Hexachlorobenzene	10.87	284	212357	39.573	ng	# 91
68) Atrazine	10.95	200	202420	42.730	ng	98
69) Pentachlorophenol	11.06	266	219256	66.831	ng	98
70) Phenanthrene	11.28	178	935923	44.035	ng	99
71) Anthracene	11.32	178	969712	47.653	ng	100
72) Carbazole	11.48	167	885915	41.338	ng	100
73) Di-n-butylphthalate	11.82	149	1102996	46.347	ng	99
74) Fluoranthene	12.46	202	1028434	48.872	ng	97
76) Benzidine	12.58	184	1012152	56.875	ng	98
77) Pyrene	12.68	202	1050759	36.368	ng	99
79) Butylbenzylphthalate	13.31	149	484341	37.225	ng	95
80) Benzo(a)anthracene	13.87	228	930239	38.652	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	397398	42.382	ng	99
82) Chrysene	13.91	228	916701	39.346	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	606517	37.094	ng	98
84) Di-n-octyl phthalate	14.48	149	1201475	44.075	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	652586	31.650	ng	95
87) Benzo(b)fluoranthene	14.89	252	744501	45.619	ng	98
88) Benzo(k)fluoranthene	14.92	252	698409	46.471	ng	98
89) Benzo(a)pyrene	15.23	252	651816	44.264	ng	99
90) Dibenzo(a,h)anthracene	16.67	278	546726	42.135	ng	# 96
91) Benzo(g,h,i)perylene	17.06	276	539584	41.533	ng	96

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



#1

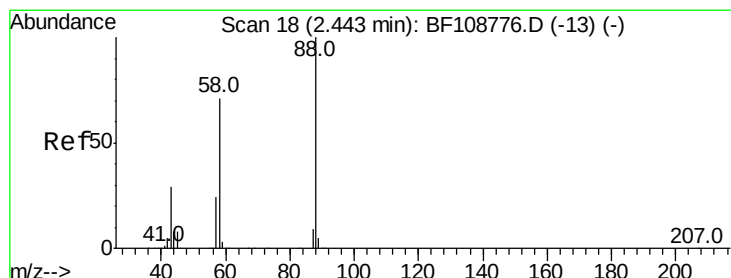
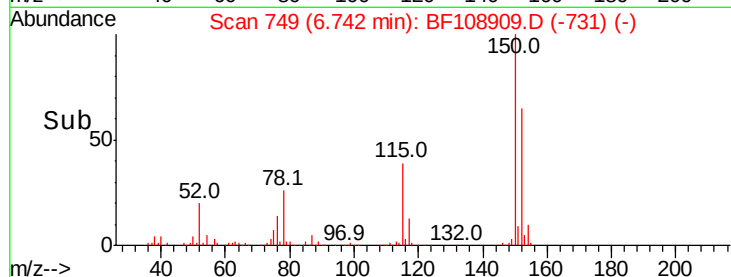
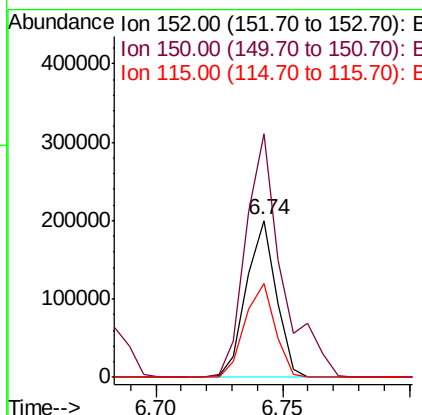
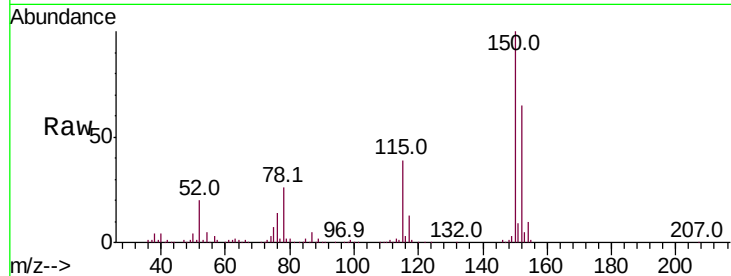
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

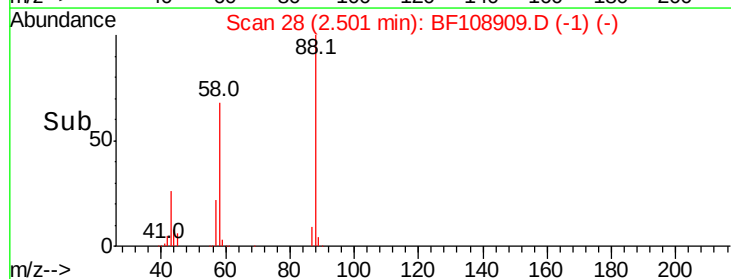
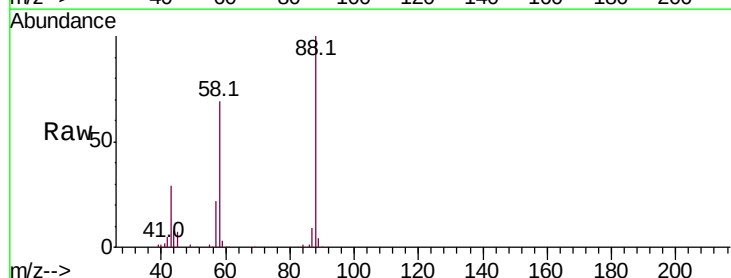
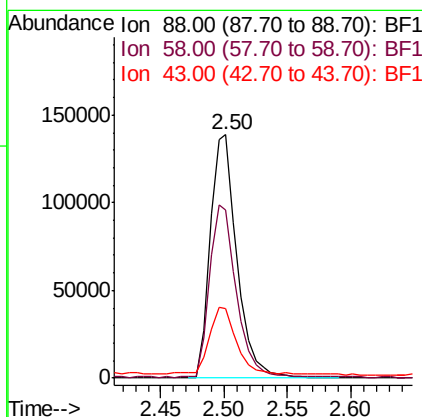
Sohil
9/11/2018 9:34:23 AM

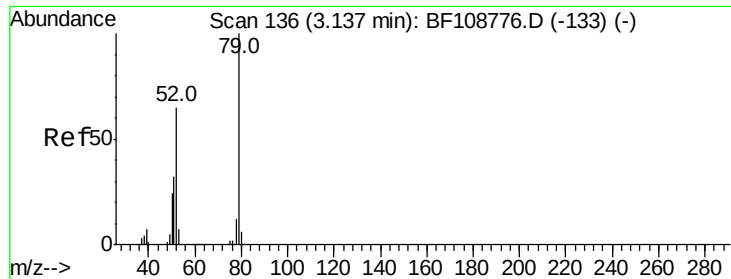


#2

1,4-Dioxane
Concen: 42.620 ng
RT: 2.50 min Scan# 28
Delta R.T. 0.06 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	62.6	93.8
43	27.7	24.6	37.0





#3

Pvridine

Concen: 41.486 ng

RT: 3.21 min Scan# 148

Delta R.T. 0.07 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

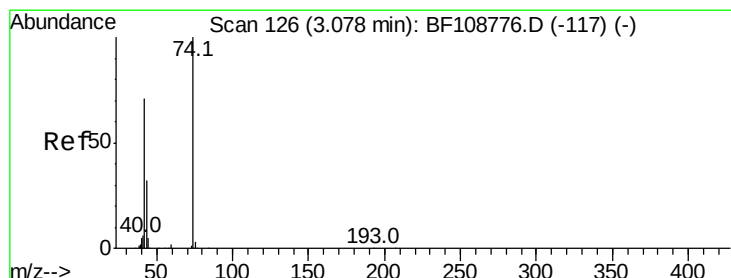
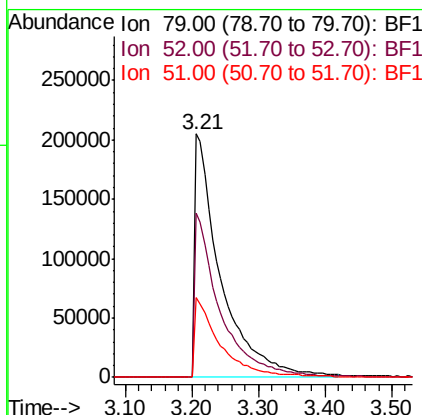
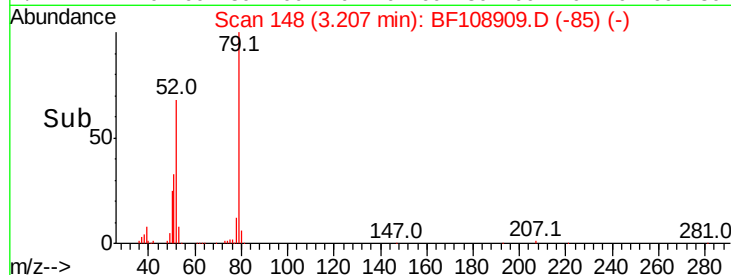
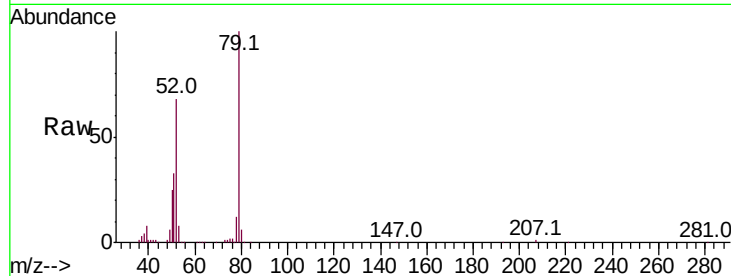
ClientSampled :

PB112743BS

Tot Ion:	79	Resp:	544178
Ion Ratio	Lower	Upper	
79	100		
52	67.6	59.8	89.6
51	32.7	29.8	44.8

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#4

n-Nitrosodimethylamine

Concen: 46.140 ng

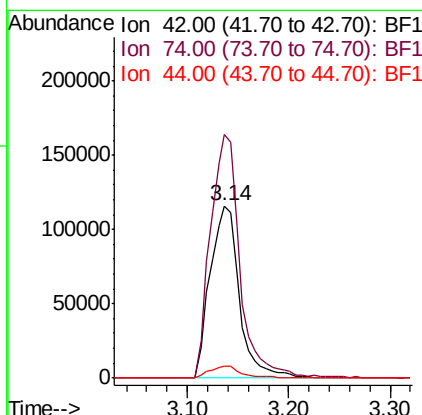
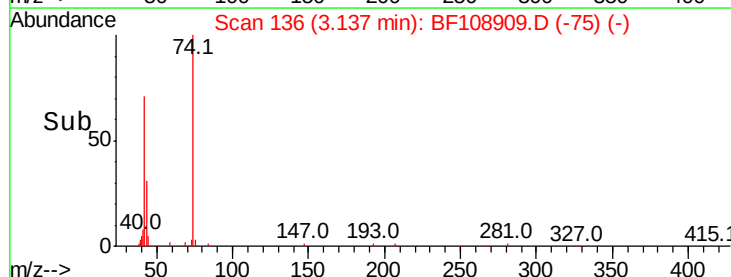
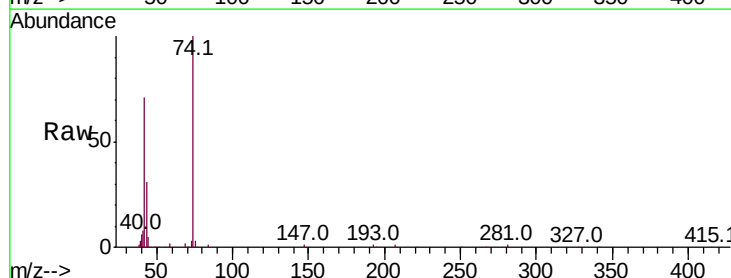
RT: 3.14 min Scan# 136

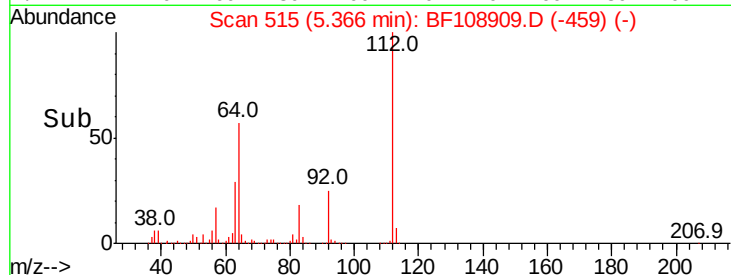
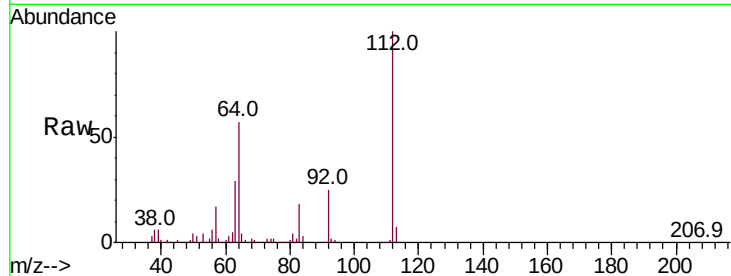
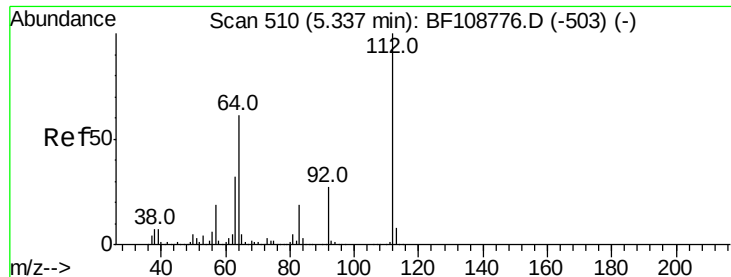
Delta R.T. 0.06 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion:	42	Resp:	232458
Ion Ratio	Lower	Upper	
42	100		
74	141.1	104.9	157.3
44	7.2	6.9	10.3





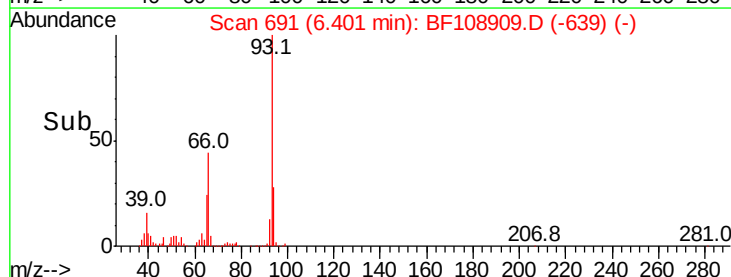
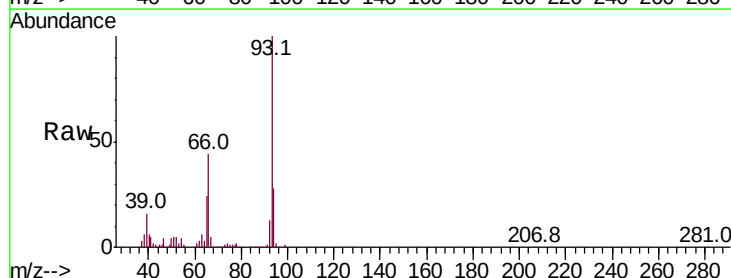
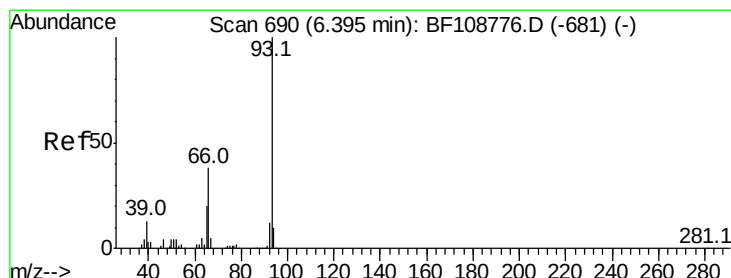
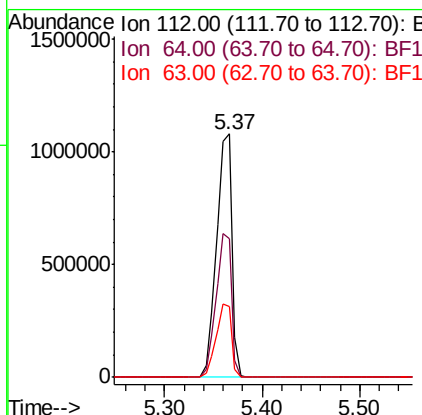
#5
2-Fluorophenol
Concen: 118.921 ng
RT: 5.37 min Scan# 515
Delta R.T. 0.03 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	28.9	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB112743BS

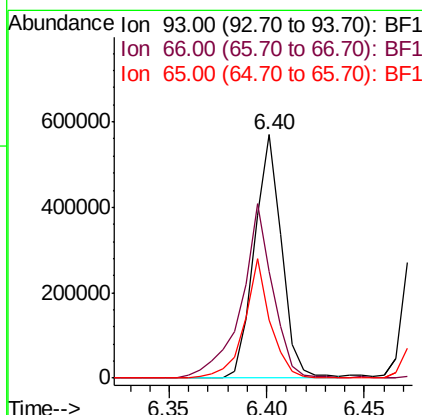
Manual Integrations
APPROVED

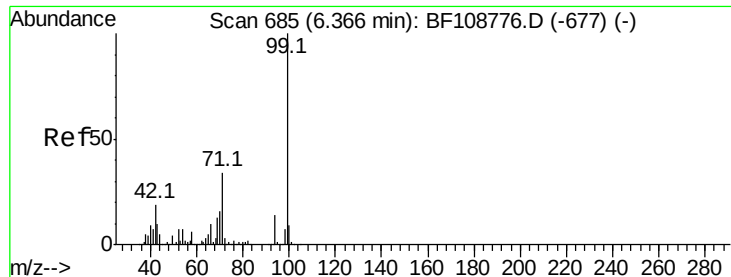
Sohil
9/11/2018 9:34:23 AM



#6
Aniline
Concen: 31.936 ng
RT: 6.40 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.9	32.2	48.2
65	23.6	16.4	24.6





#7

Phenol-d6

Concen: 115.378 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion: 99 Resp: 1479505

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

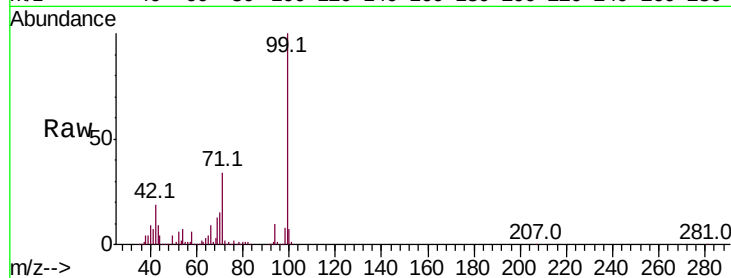
71 33.9 25.4 38.0

Manual Integrations

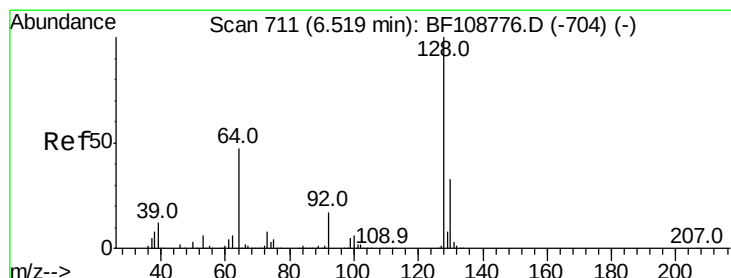
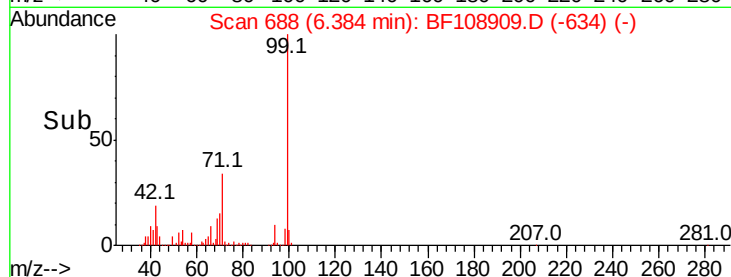
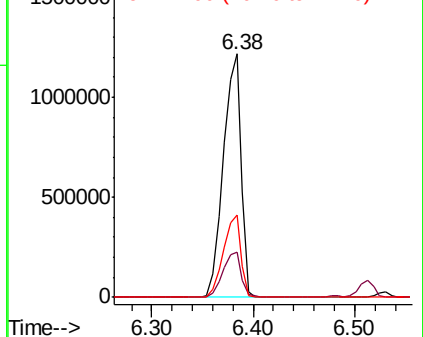
APPROVED

Sohil

9/11/2018 9:34:23 AM



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



#8

2-Chlorophenol

Concen: 40.546 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

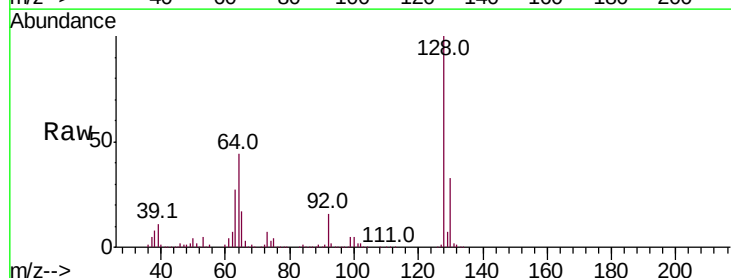
Tgt Ion: 128 Resp: 447284

Ion Ratio Lower Upper

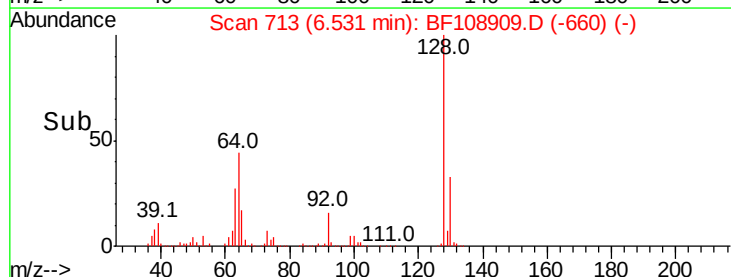
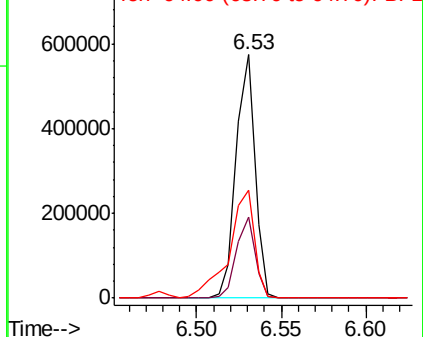
128 100

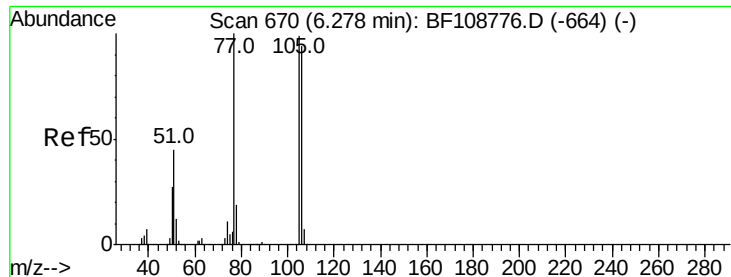
130 33.4 13.0 53.0

64 44.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 24.851 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

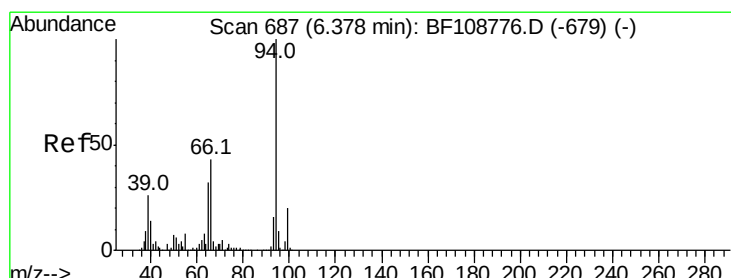
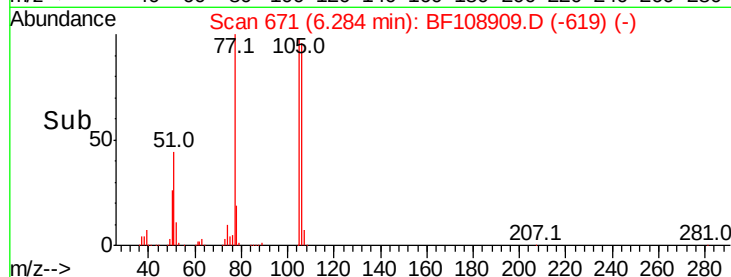
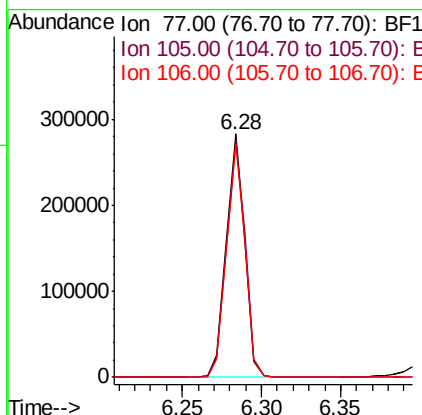
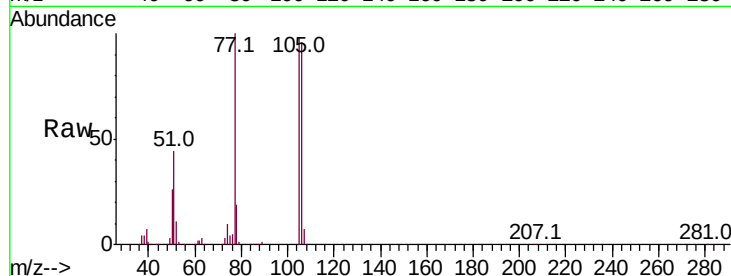
ClientSampleId :

PB112743BS

Tot Ion:	77	Resp:	226076
Ion Ratio	Lower	Upper	
77	100		
105	97.7	81.1	121.1
106	95.7	74.5	114.5

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#10

Phenol

Concen: 37.431 ng

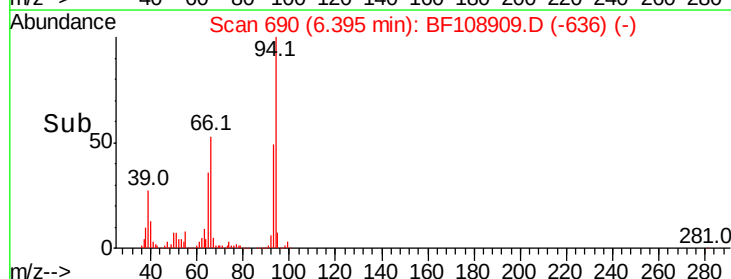
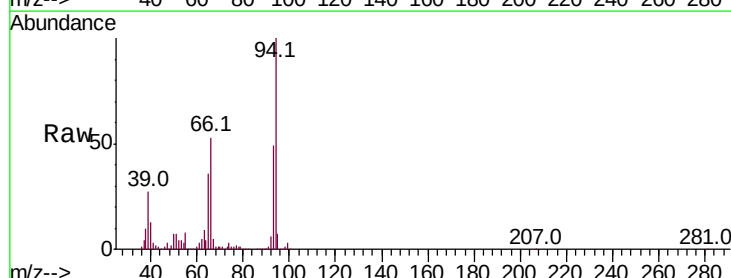
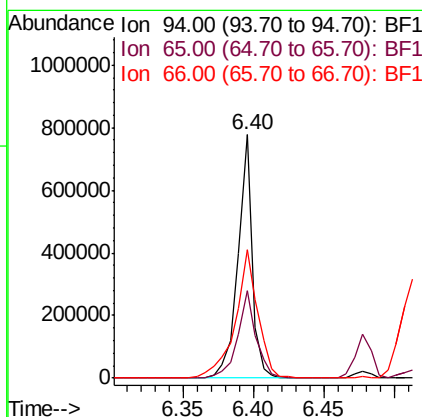
RT: 6.40 min Scan# 690

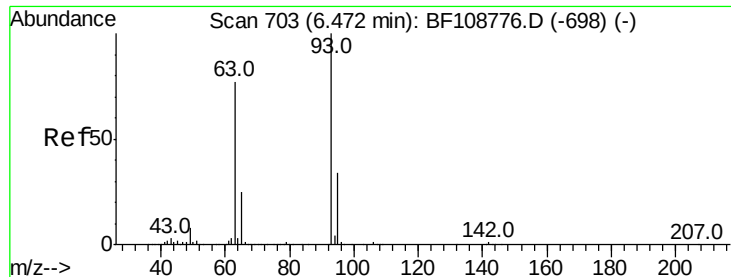
Delta R.T. 0.02 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion:	94	Resp:	549753
Ion Ratio	Lower	Upper	
94	100		
65	35.9	7.9	47.9
66	52.7	16.2	56.2





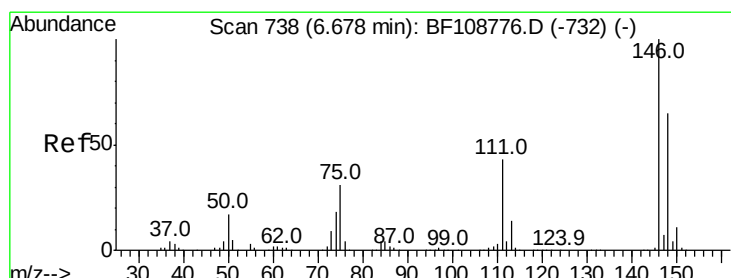
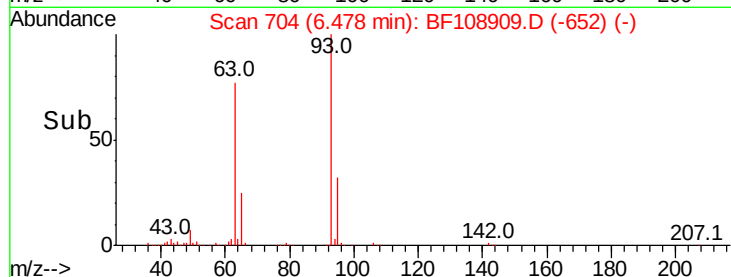
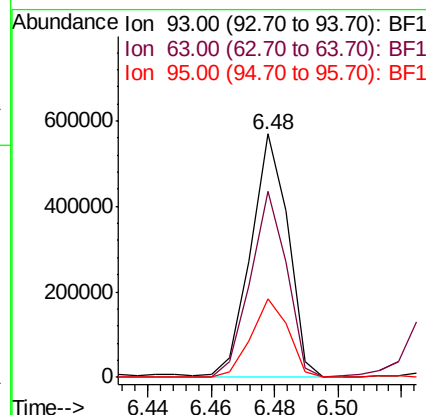
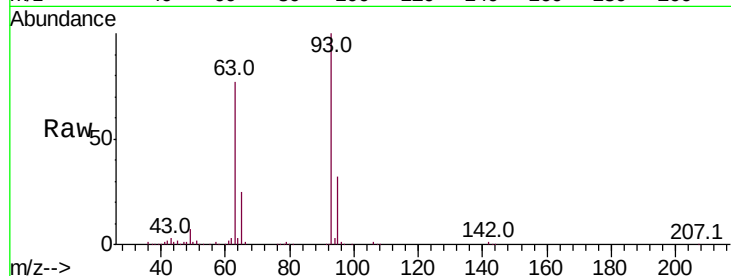
#11
bis(2-Chloroethyl)ether
Concen: 39.266 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion:	93	Resp:	461984
Ion Ratio	Lower	Upper	
93	100		
63	76.7	58.6	98.6
95	32.2	11.8	51.8

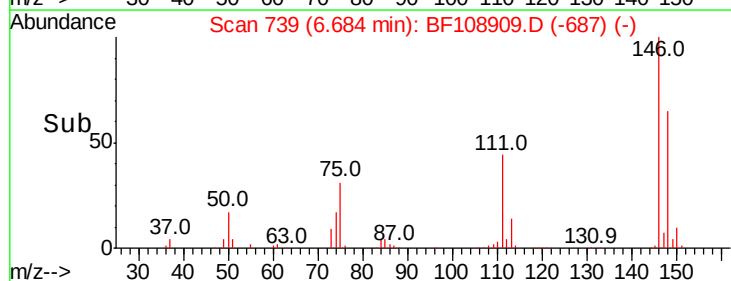
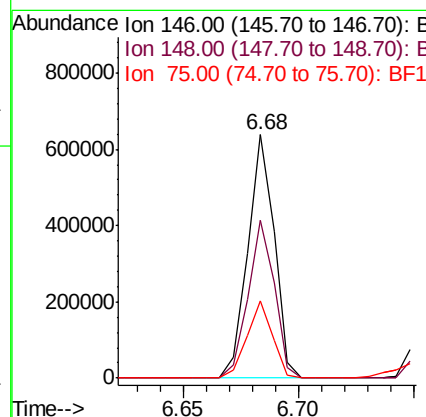
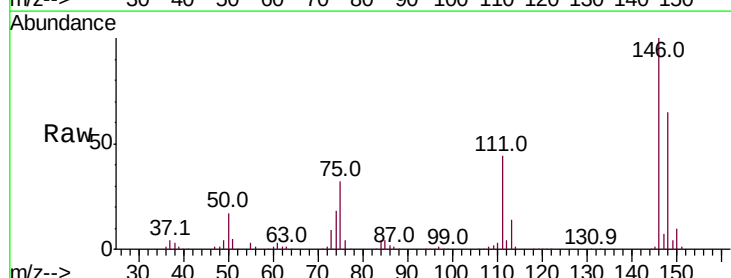
Manual Integrations
APPROVED

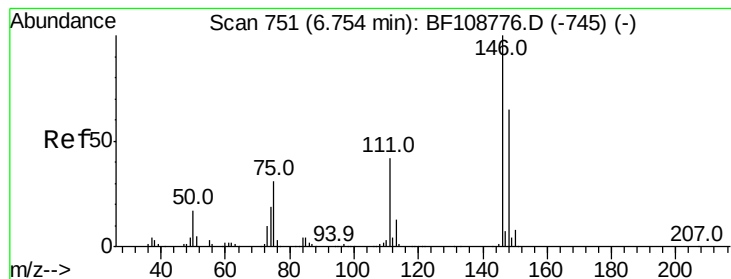
Sohil
9/11/2018 9:34:23 AM



#12
1,3-Dichlorobenzene
Concen: 40.645 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion:	146	Resp:	511659
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	31.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.828 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

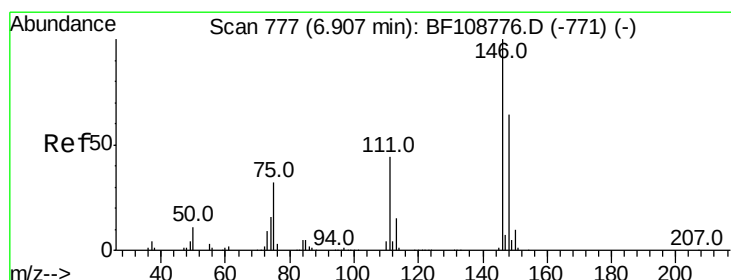
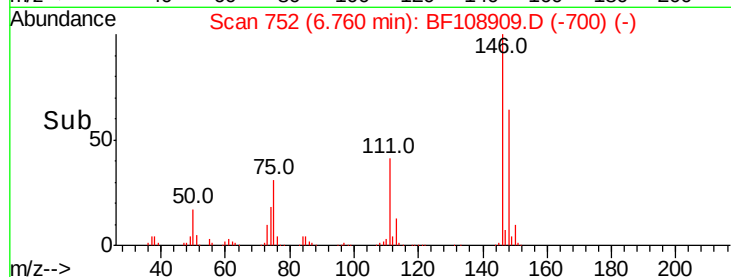
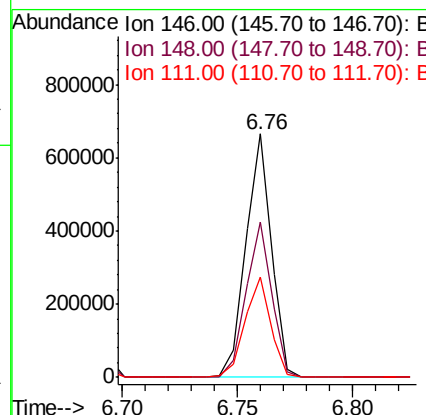
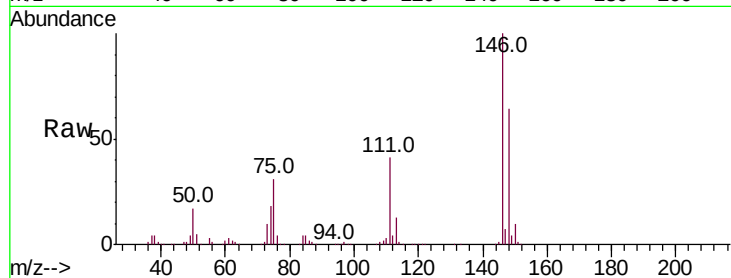
ClientSampleId :

PB112743BS

Tot Ion:	146	Resp:	513977
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	41.1	34.2	51.2

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#14

1,2-Dichlorobenzene

Concen: 40.603 ng

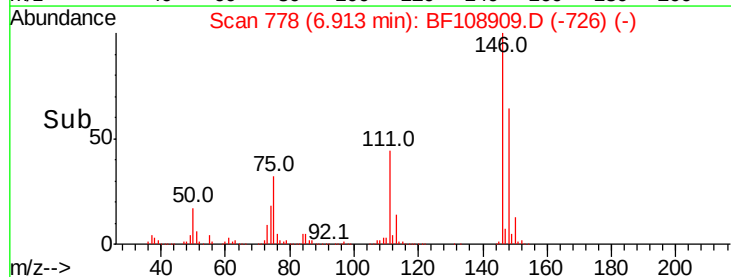
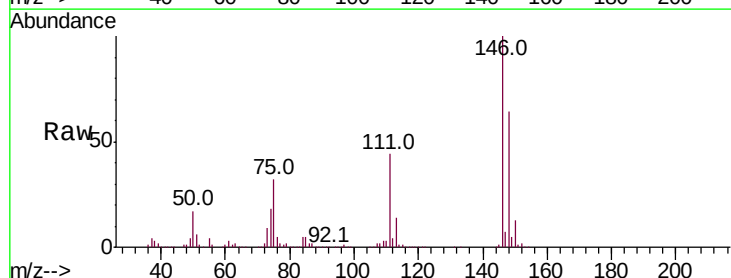
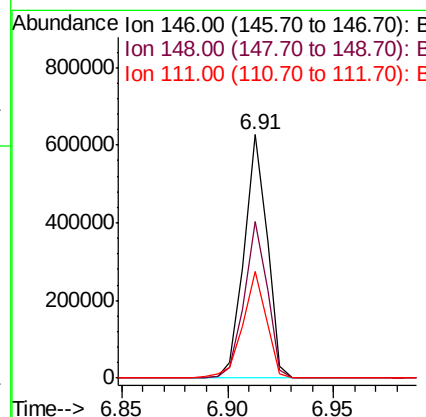
RT: 6.91 min Scan# 778

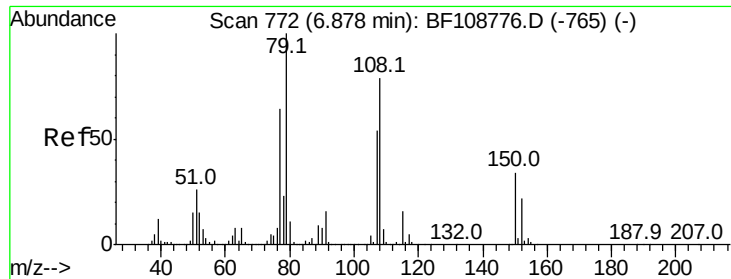
Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion:	146	Resp:	471134
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.075 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

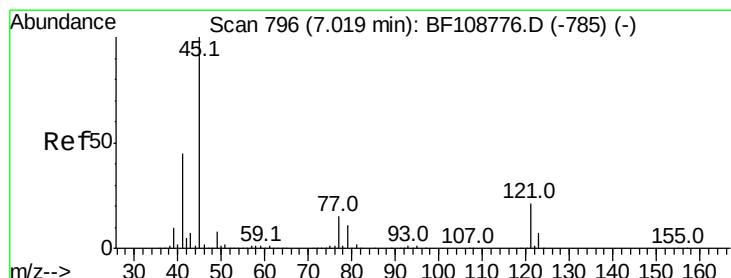
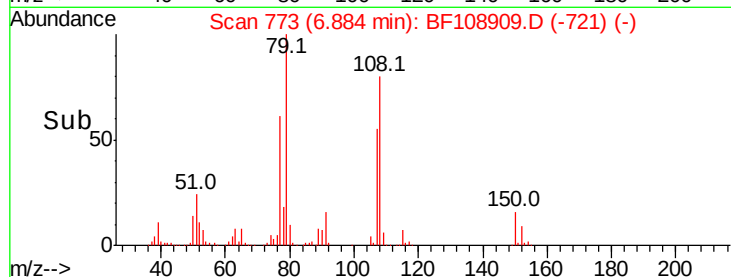
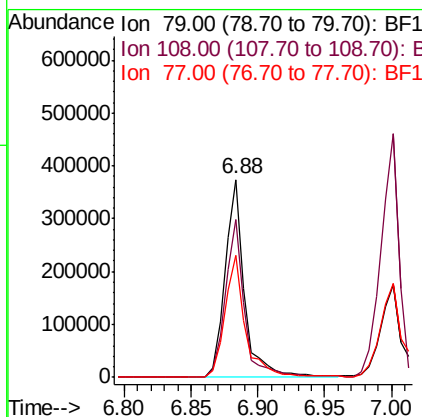
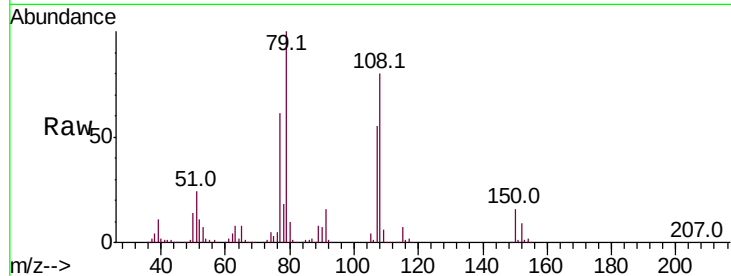
ClientSampleId :

PB112743BS

Tot Ion:	79	Resp:	384526
Ion Ratio	Lower	Upper	
79	100		
108	79.7	65.1	97.7
77	61.4	50.6	75.8

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.704 ng

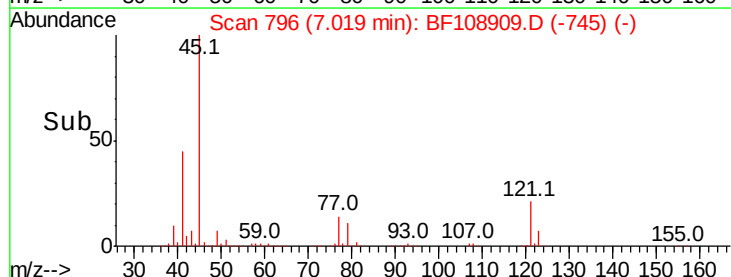
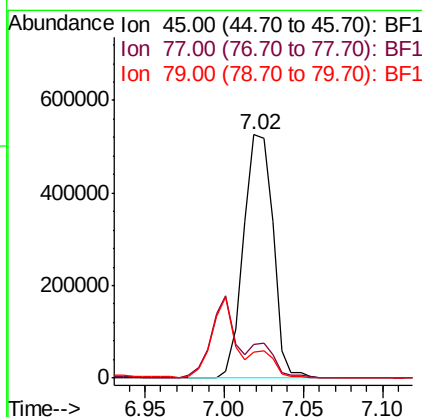
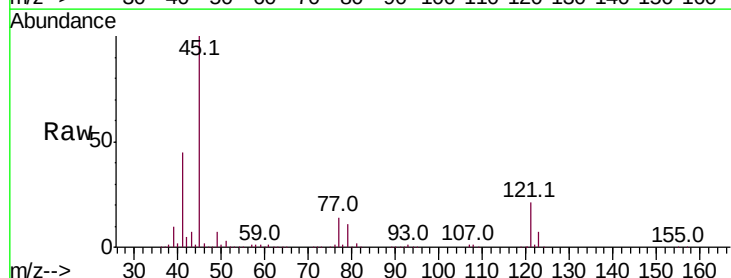
RT: 7.02 min Scan# 796

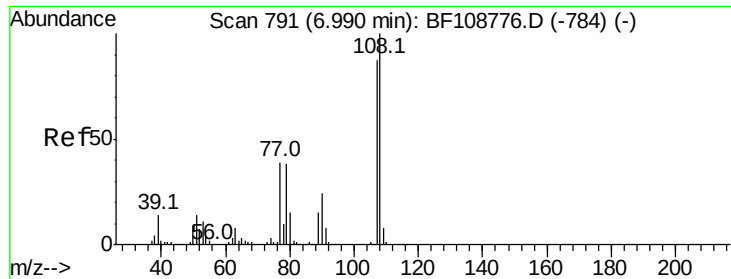
Delta R.T. -0.00 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion:	45	Resp:	680699
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	32.9
79	10.8	0.0	29.6





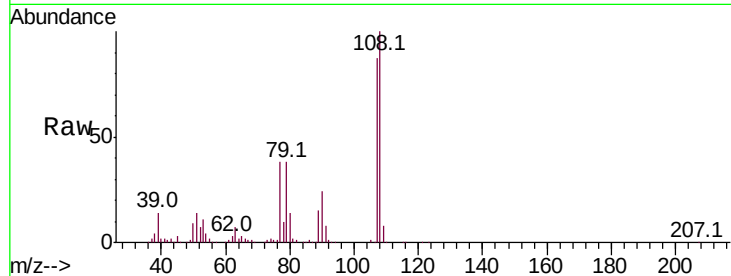
#17
2-Methylphenol
Concen: 39.044 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.7	137.5	
77	44.2	33.8	50.8	
79	44.0	33.8	50.8	

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



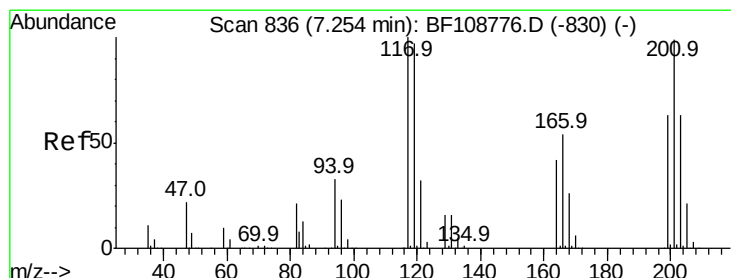
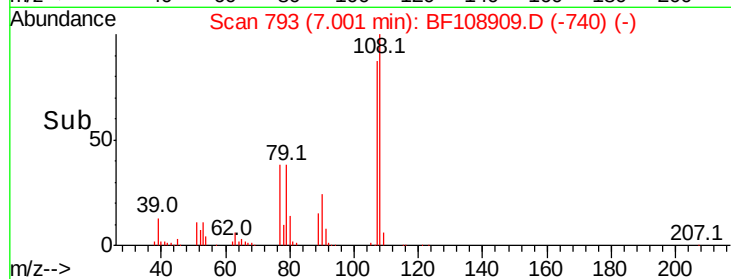
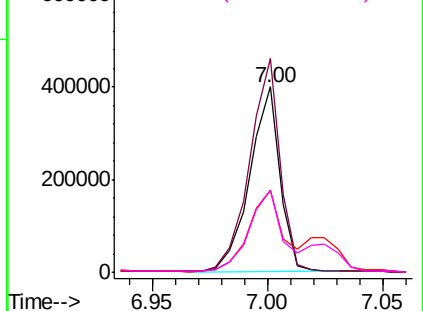
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

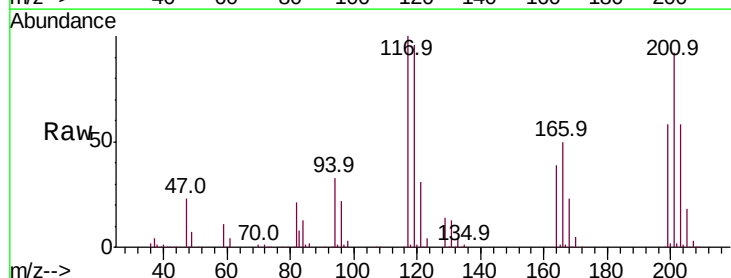
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.320 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.8	113.8	
201	92.3	75.7	113.5	

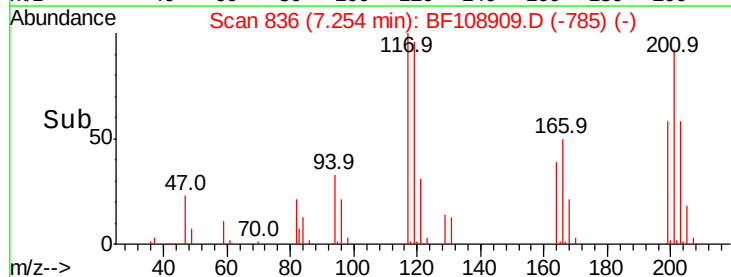
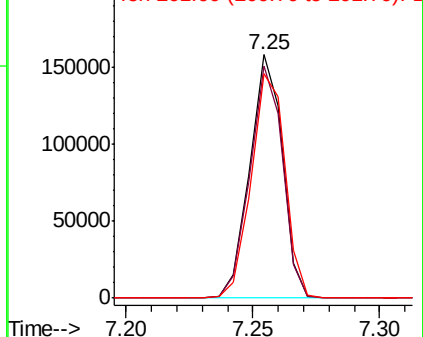


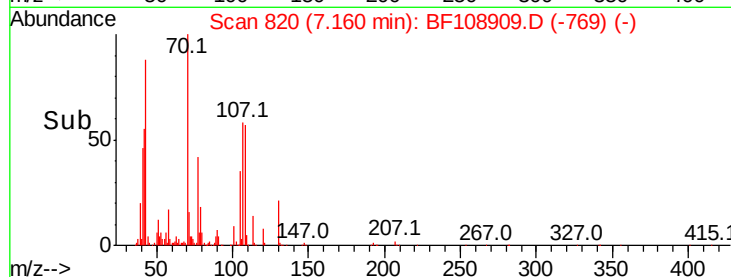
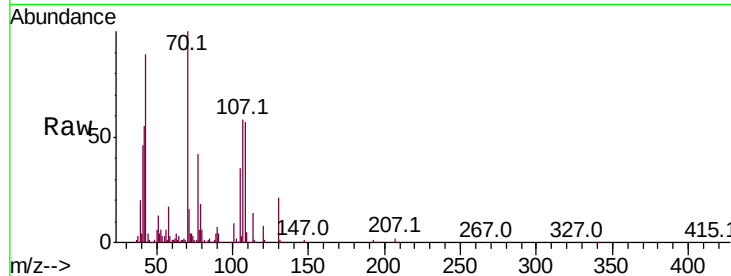
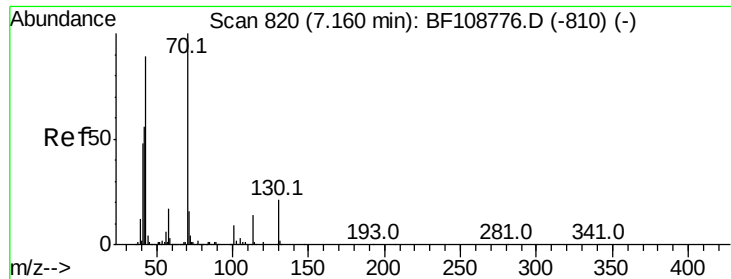
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





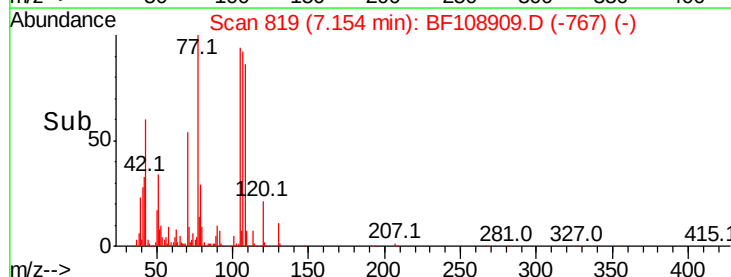
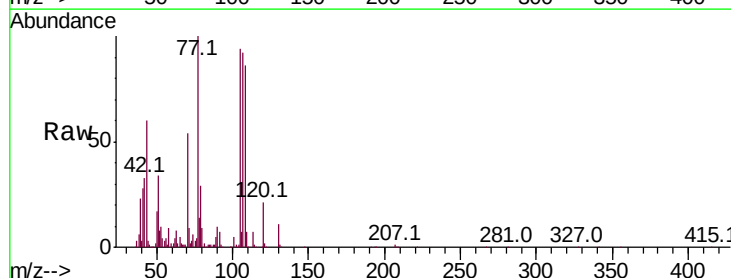
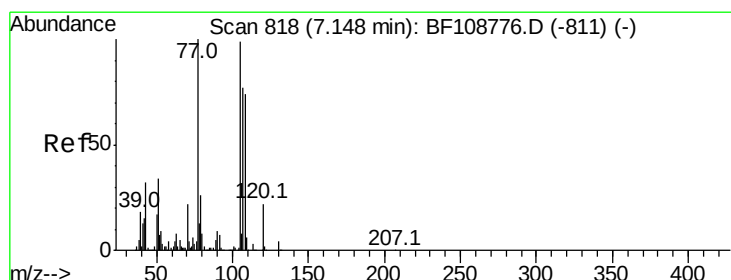
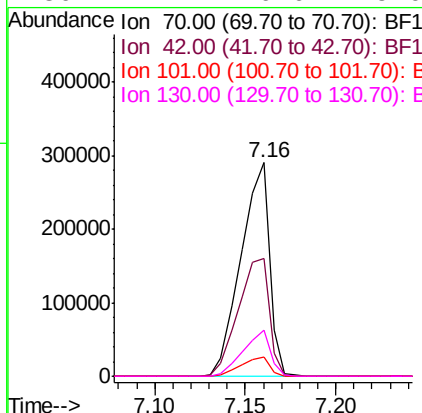
#19
n-Nitroso-di-n-propylamine
Concen: 35.787 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.4	47.5	71.3		
101	9.3	7.4	11.2		
130	21.4	16.6	25.0		

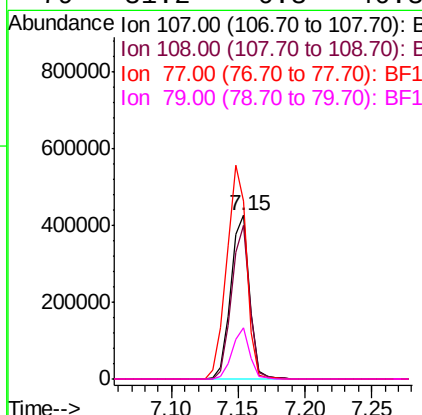
Manual Integrations
APPROVED

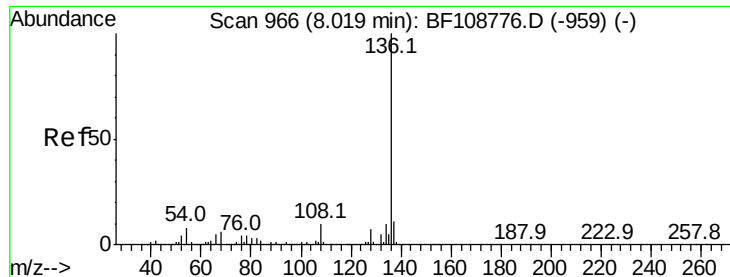
Sohil
9/11/2018 9:34:23 AM



#20
3+4-Methylphenols
Concen: 38.593 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.5	68.2	108.2		
77	108.8	26.7	66.7#		
79	31.2	6.3	46.3		





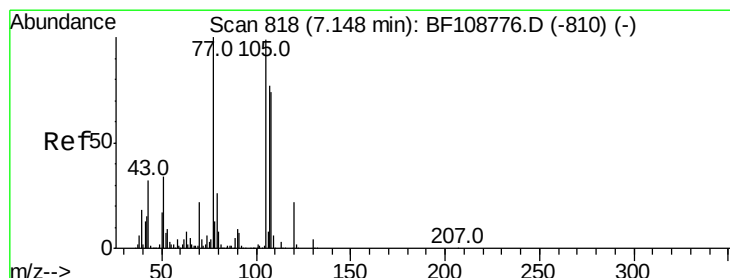
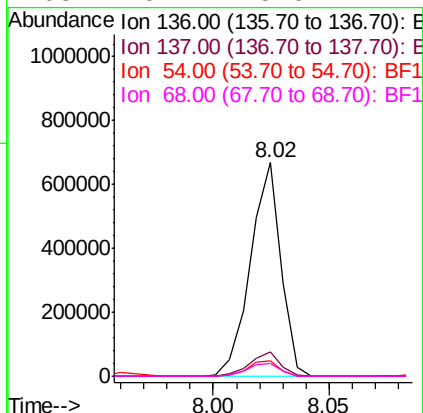
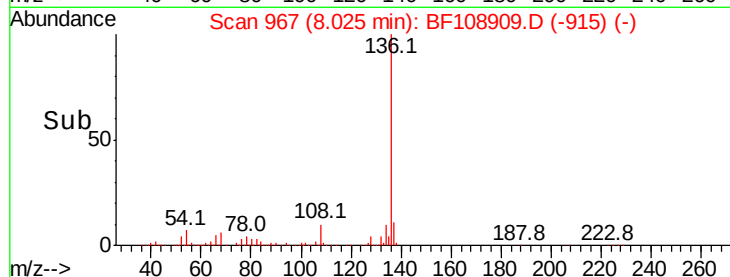
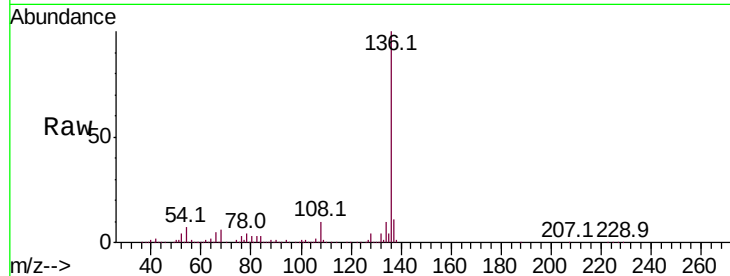
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.1	6.6	9.8	
68	6.2	5.0	7.4	

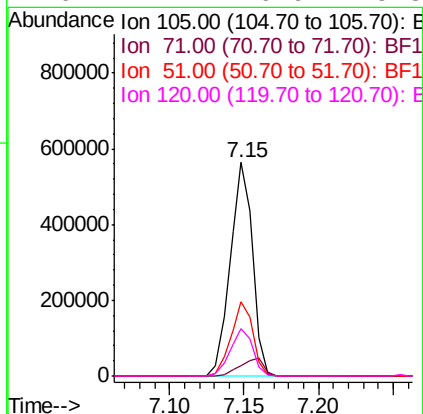
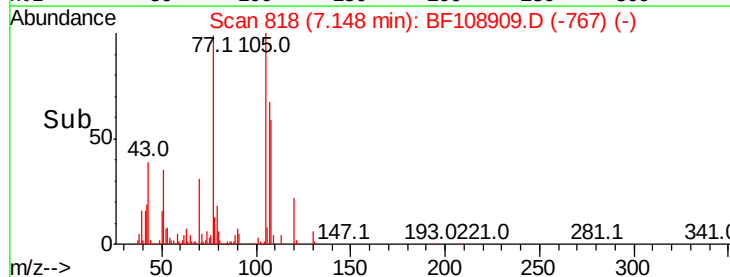
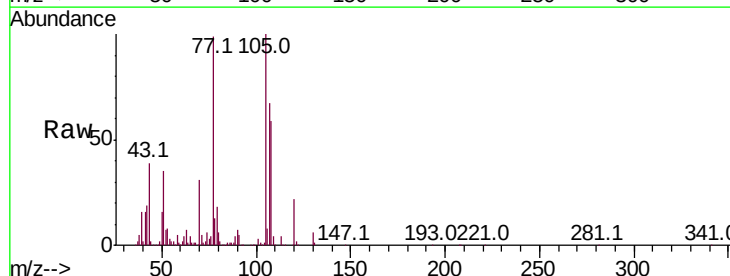
Manual Integrations
APPROVED

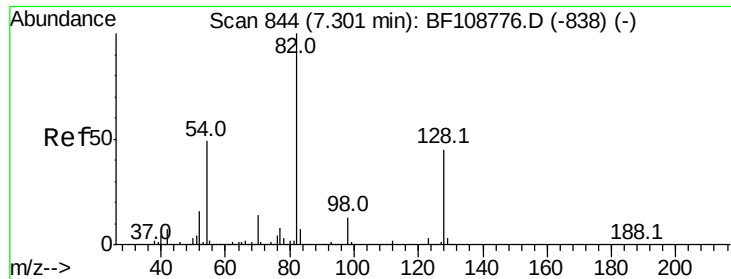
Sohil
9/11/2018 9:34:23 AM



#22
Acetophenone
Concen: 42.391 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	4.4	6.6	
51	34.6	22.3	33.5#	
120	22.2	16.9	25.3	





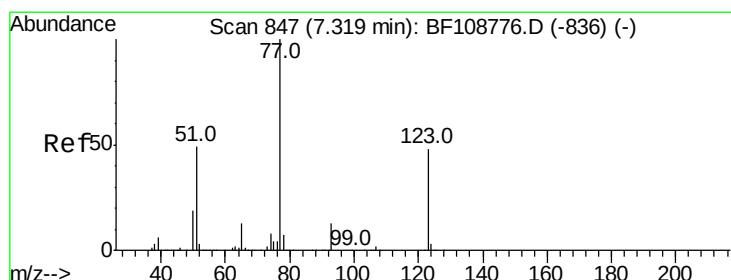
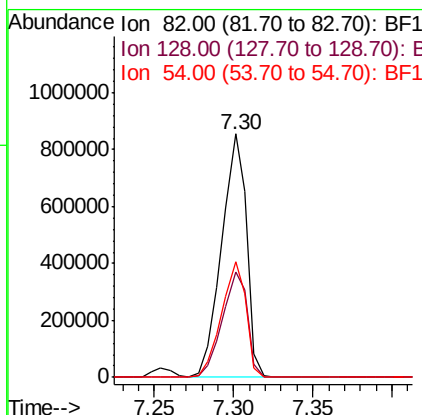
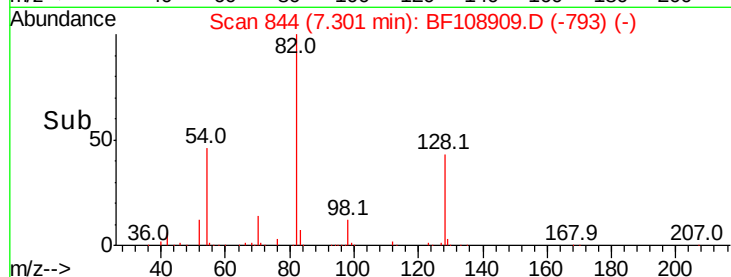
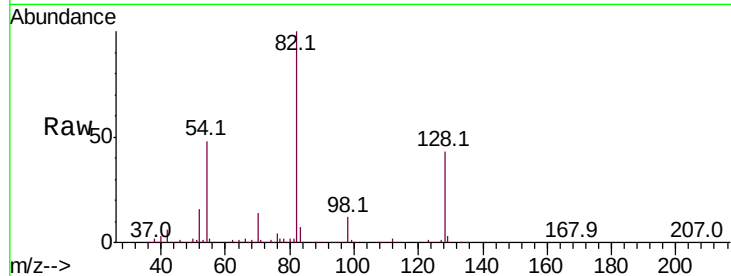
#23
 Nitrobenzene-d5
 Concen: 94.437 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	36.1	54.1	
54	47.5	41.4	62.2	

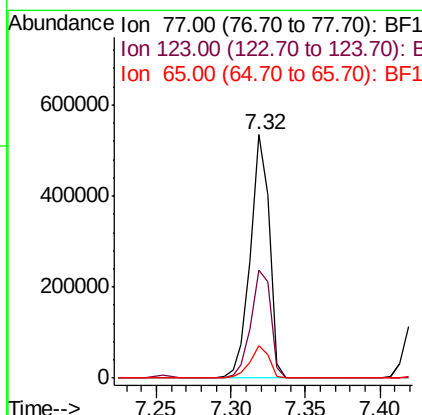
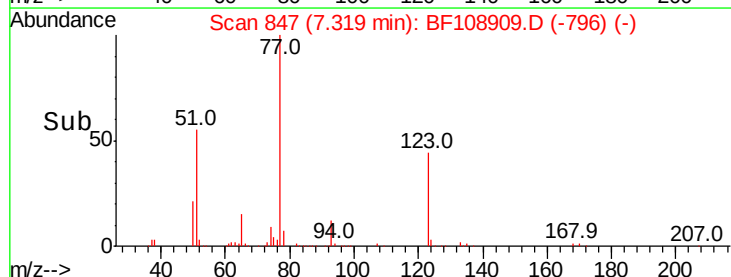
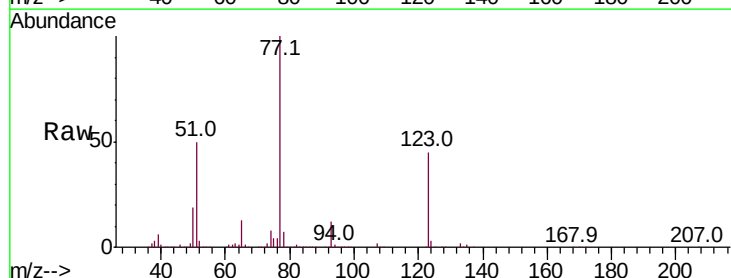
Manual Integrations
 APPROVED

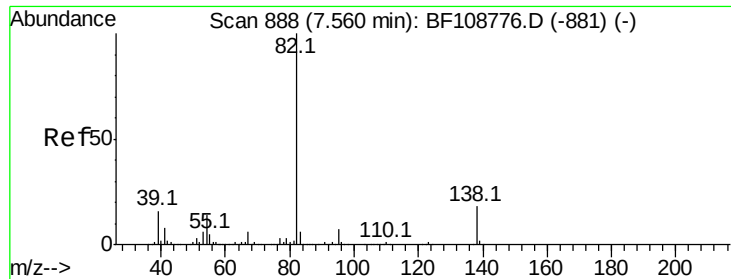
Sohil
 9/11/2018 9:34:23 AM



#24
 Nitrobenzene
 Concen: 44.259 ng
 RT: 7.32 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.5	37.9	56.9	
65	13.2	11.0	16.4	





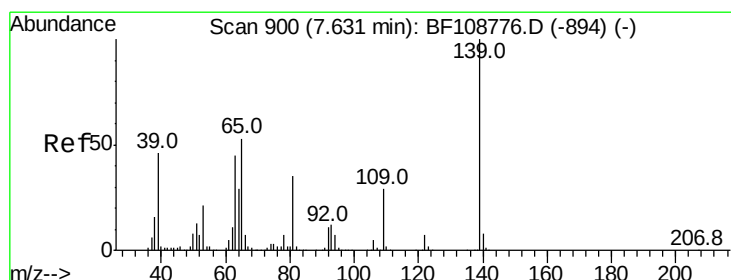
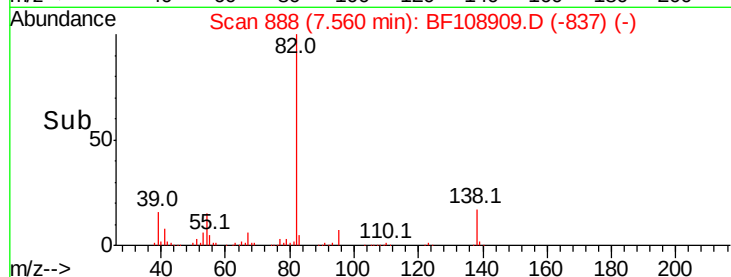
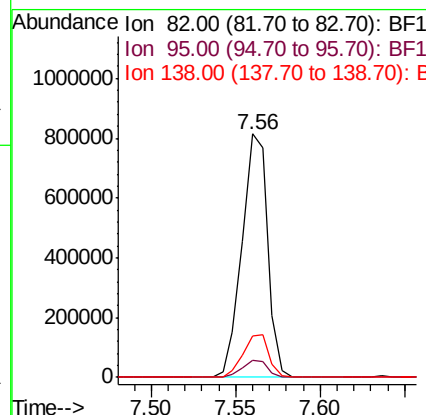
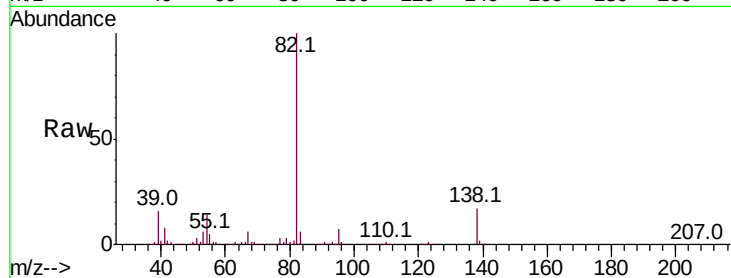
#25
Isophorone
Concen: 43.879 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	17.0	14.9	22.3

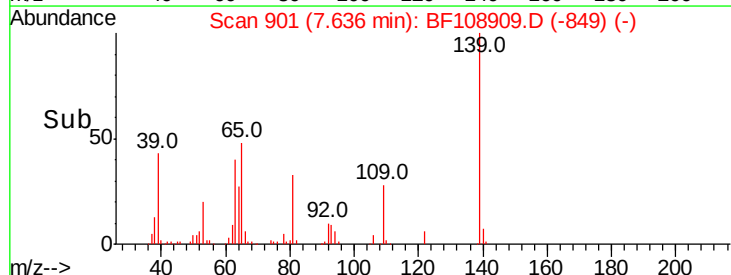
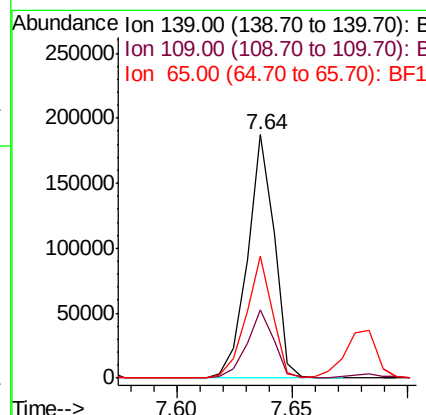
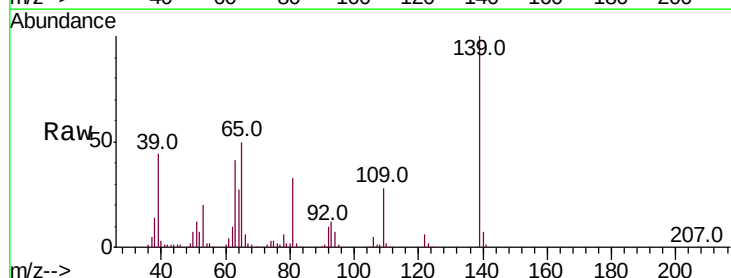
Manual Integrations
APPROVED

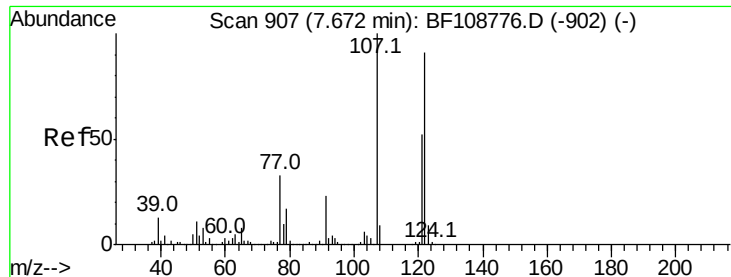
Sohil
9/11/2018 9:34:23 AM



#26
2-Nitrophenol
Concen: 36.362 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.7	34.1
65	50.2	40.5	60.7





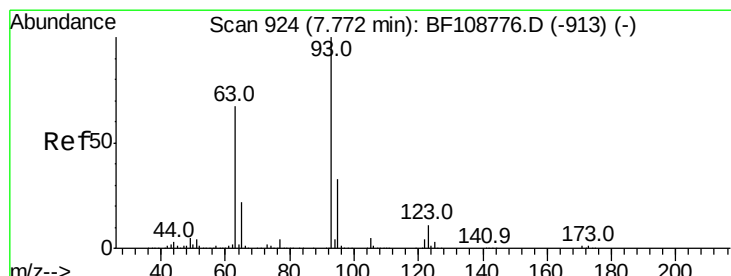
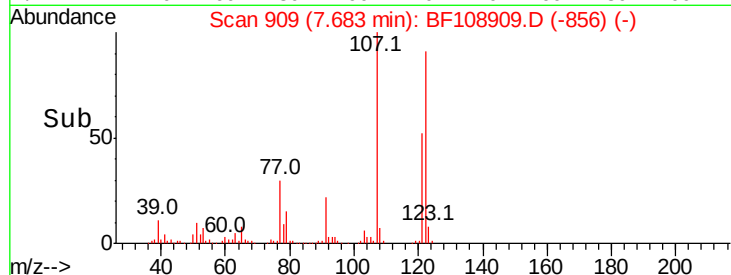
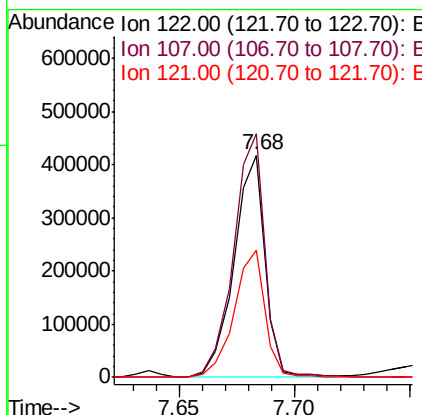
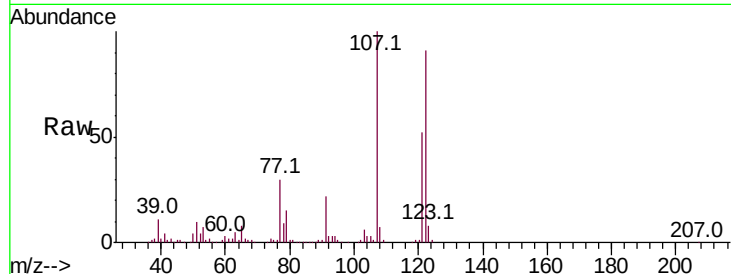
#27
2,4-Dimethylphenol
Concen: 46.493 ng
RT: 7.68 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	393020		
107	109.4	91.2	136.8	
121	57.1	47.2	70.8	

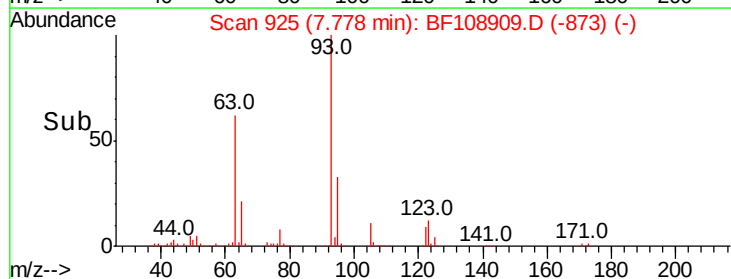
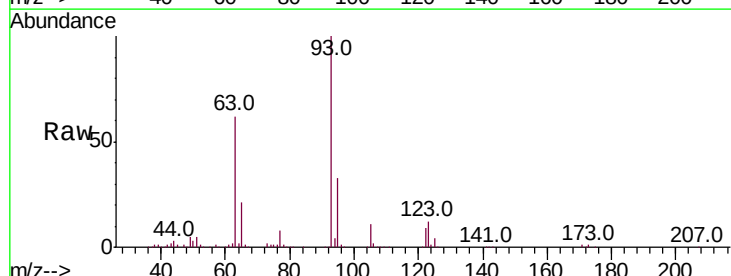
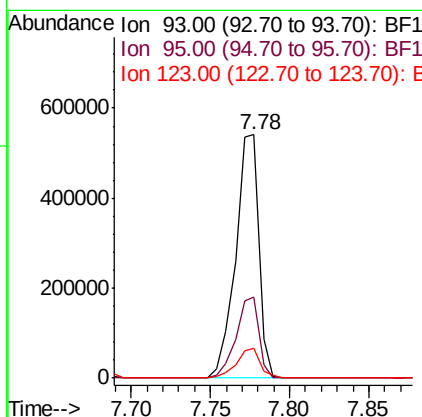
Manual Integrations
APPROVED

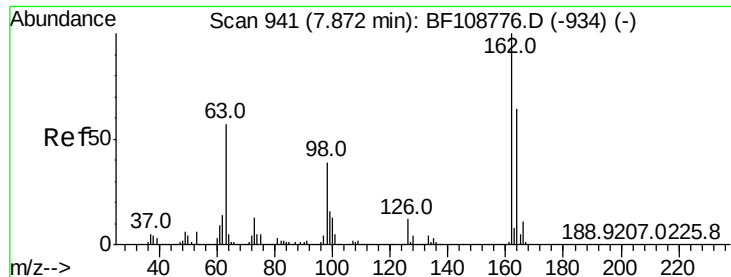
Sohil
9/11/2018 9:34:23 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.863 ng
RT: 7.78 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	549775		
95	33.2	26.3	39.5	
123	12.1	9.8	14.6	





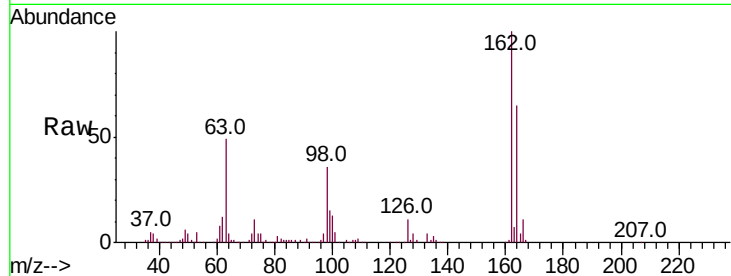
#29
2,4-Dichlorophenol
Concen: 40.511 ng
RT: 7.88 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	353113		
164	64.5	42.7	82.7	
98	35.8	18.1	58.1	

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM

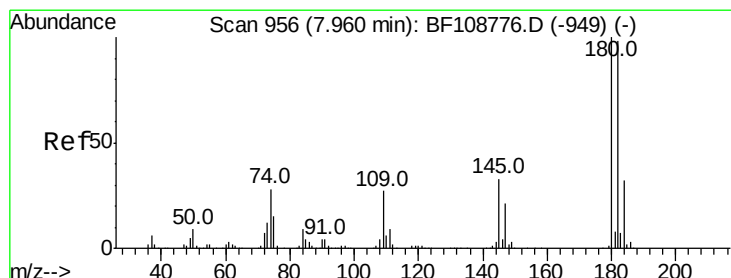
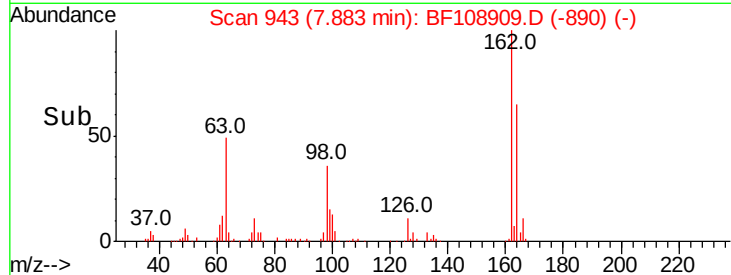
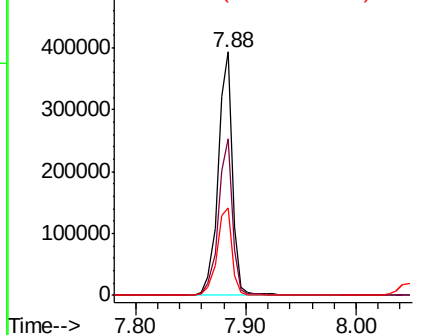


Abundance

Ion 162.00 (161.70 to 162.70): E

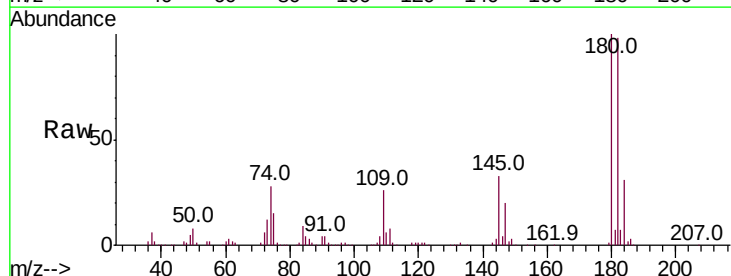
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.067 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378488		
182	98.4	76.8	115.2	
145	32.5	26.5	39.7	

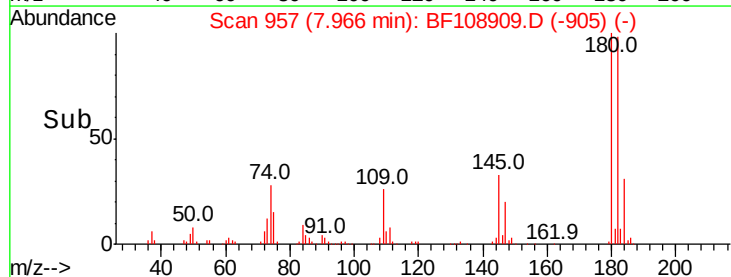
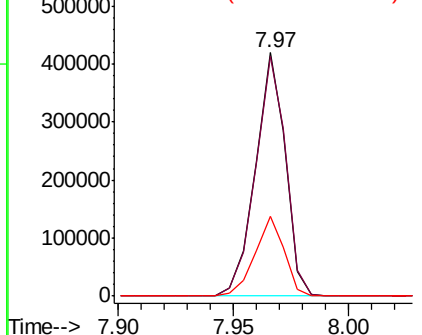


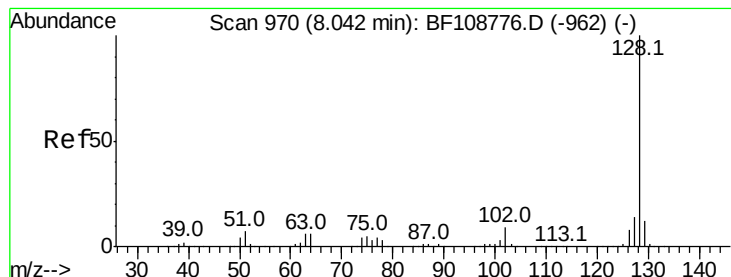
Abundance

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: 44.604 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion:128 Resp: 123685

Ion Ratio Lower Upper

128 100

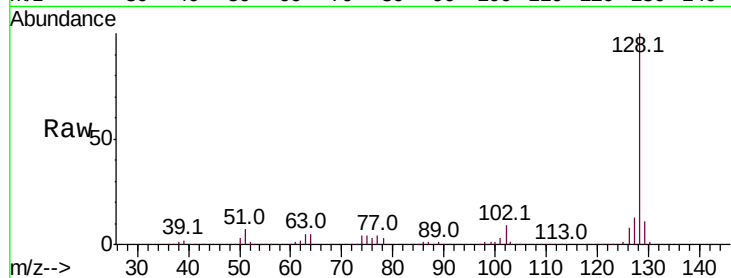
129 11.2 8.8 13.2

127 13.5 10.9 16.3

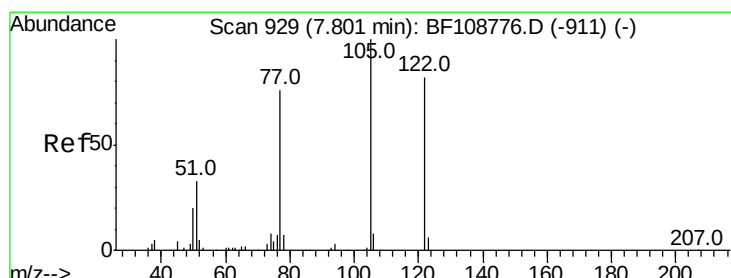
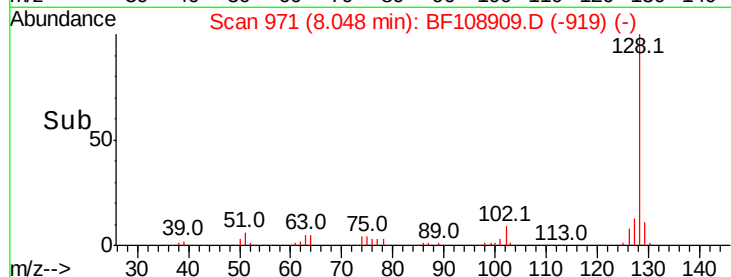
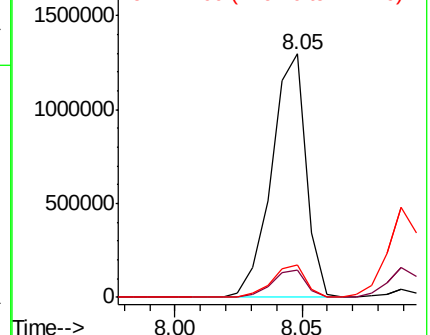
Manual Integrations
APPROVED

Sohil

9/11/2018 9:34:23 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.538 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

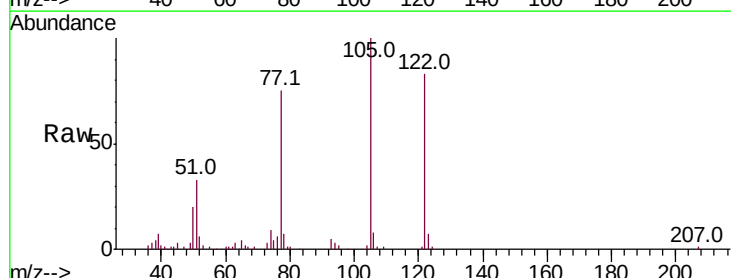
Tgt Ion:122 Resp: 164970

Ion Ratio Lower Upper

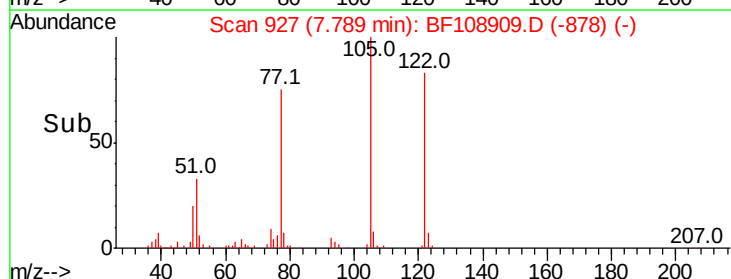
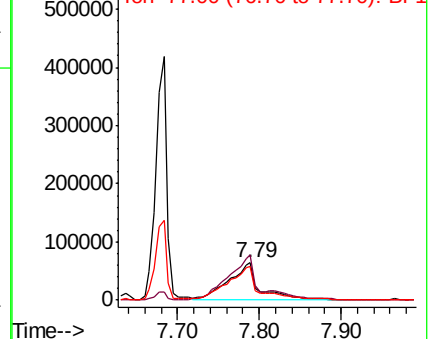
122 100

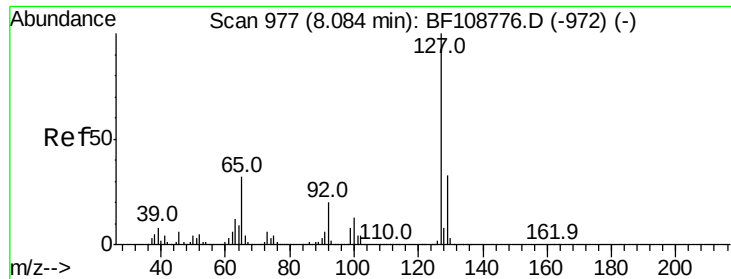
105 120.8 101.1 141.1

77 90.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





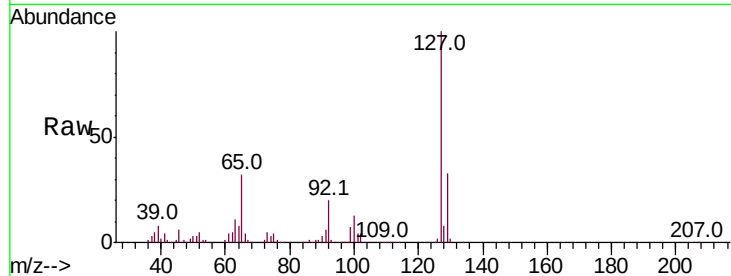
#33
4-Chloroaniline
Concen: 33.713 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	25.9	38.9	
65	31.7	25.0	37.4	
92	19.7	15.2	22.8	

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



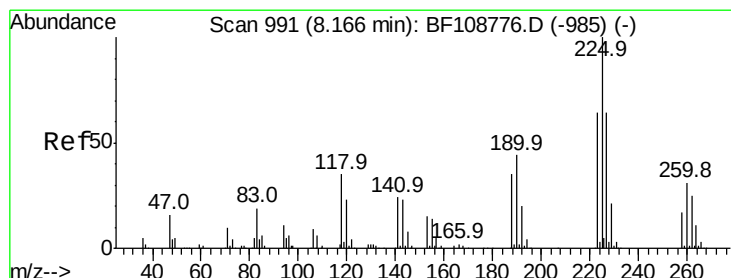
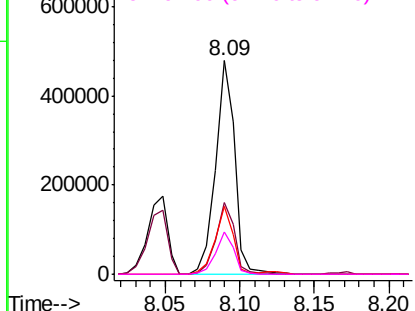
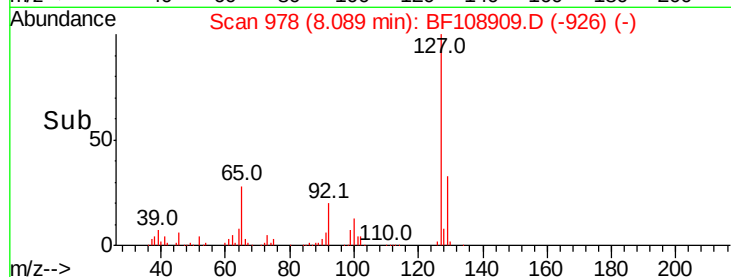
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

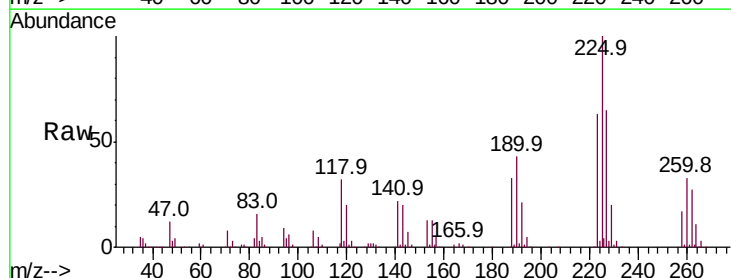
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.504 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	64.7	51.9	77.9	

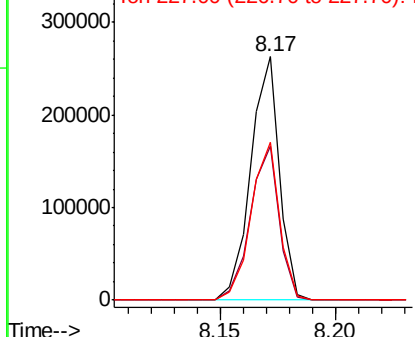
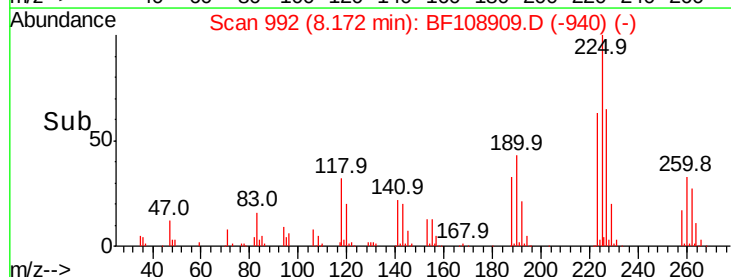


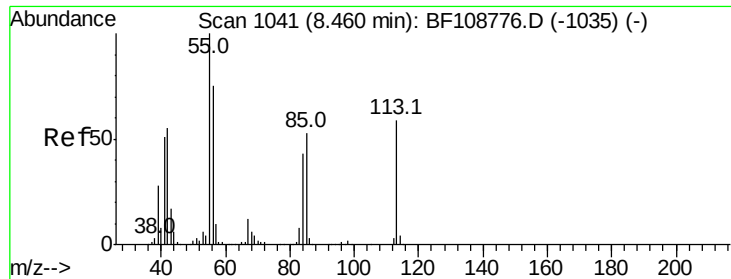
Abundance

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





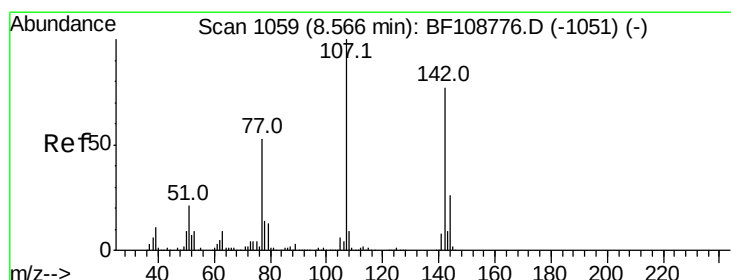
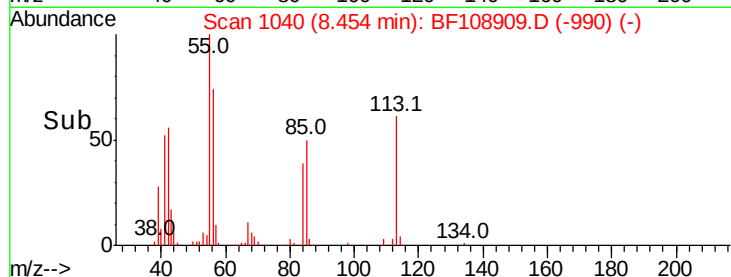
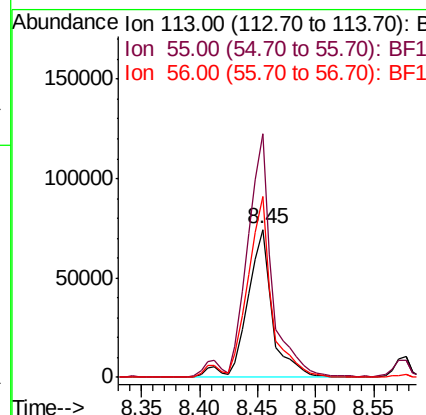
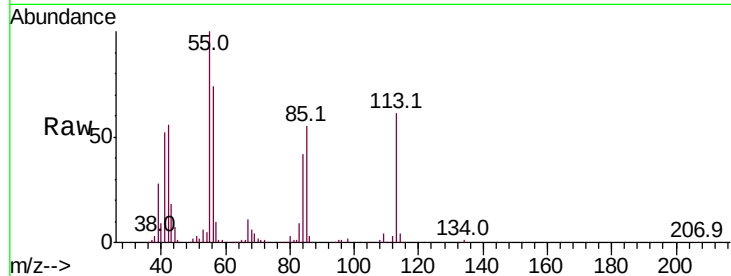
#35
 Caprolactam
 Concen: 37.728 ng/ml
 RT: 8.45 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	164.9	163.3	203.3	
56	122.3	115.7	155.7	

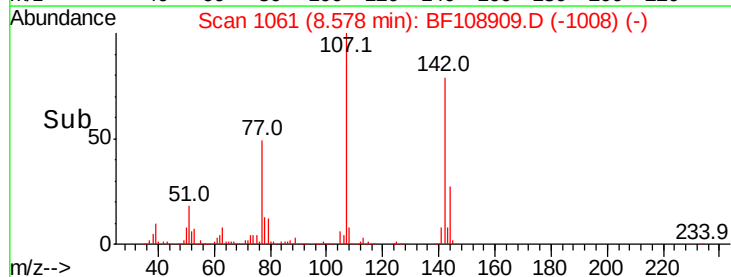
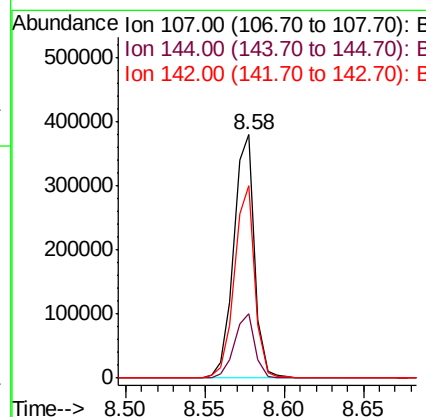
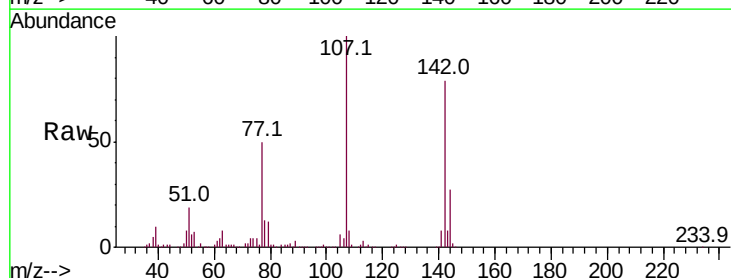
Manual Integrations
 APPROVED

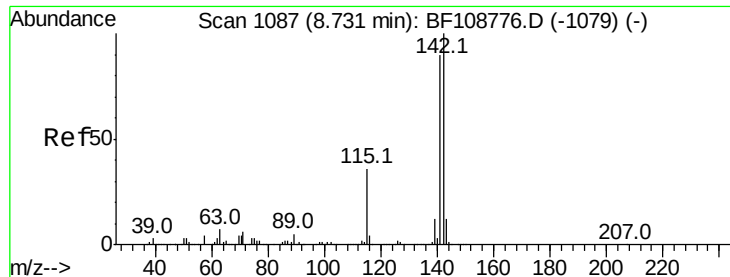
Sohil
 9/11/2018 9:34:23 AM



#36
 4-Chloro-3-methylphenol
 Concen: 37.435 ng/ml
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.7	20.5	30.7	
142	79.1	62.0	93.0	





#37

2-Methylnaphthalene

Concen: 42.609 ng

RT: 8.74 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

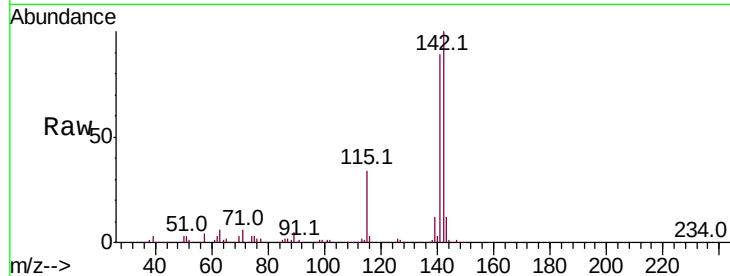
ClientSampleId :

PB112743BS

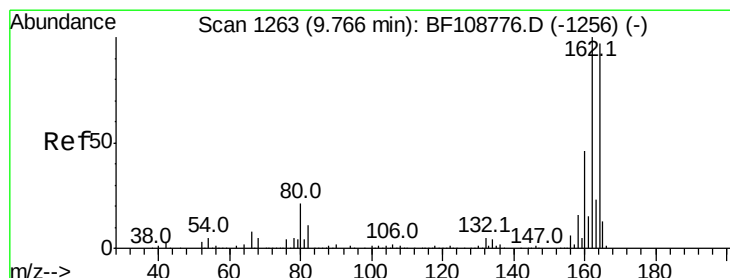
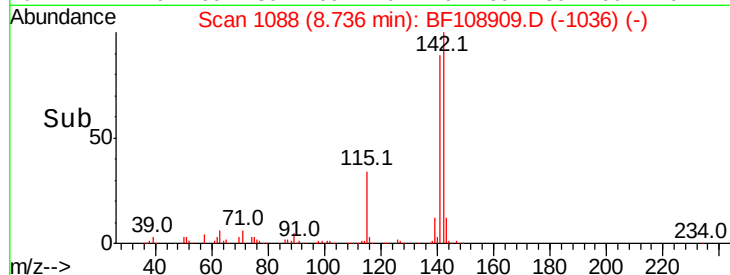
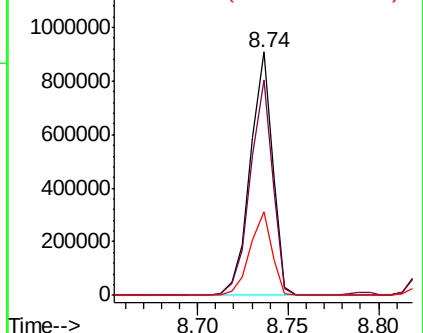
Tot Ion:	142	Resp:	780463
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.8	106.2
115	34.4	26.1	39.1

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



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



#38

Acenaphthene-d10

Concen: 20.000 ng

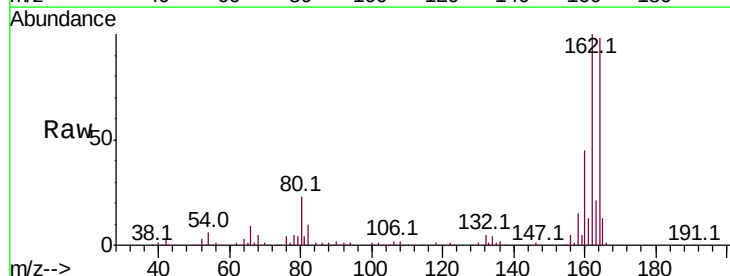
RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

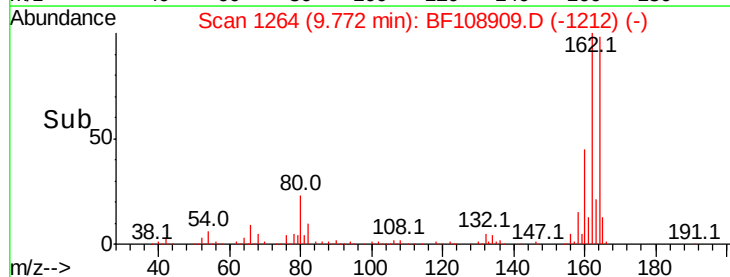
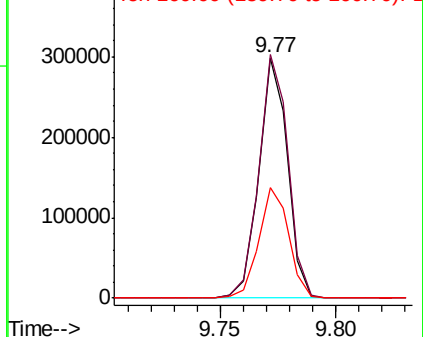
Lab File: BF108909.D

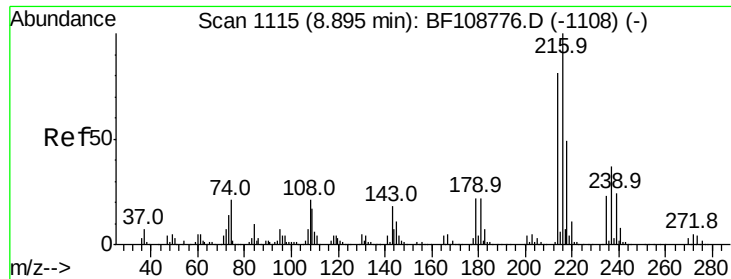
Acq: 10 Sep 2018 22:32

Tgt Ion:	164	Resp:	257863
Ion Ratio	Lower	Upper	
164	100		
162	101.5	86.1	129.1
160	45.8	38.3	57.5



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





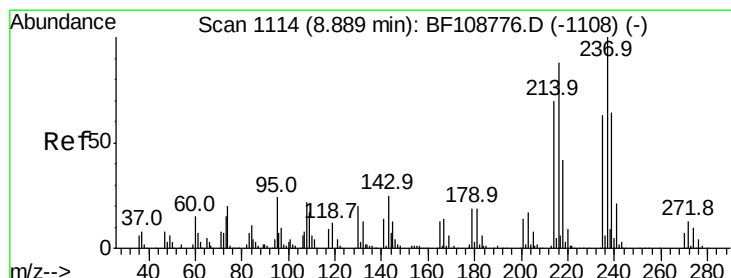
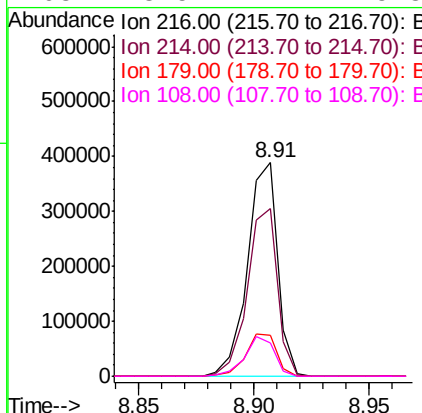
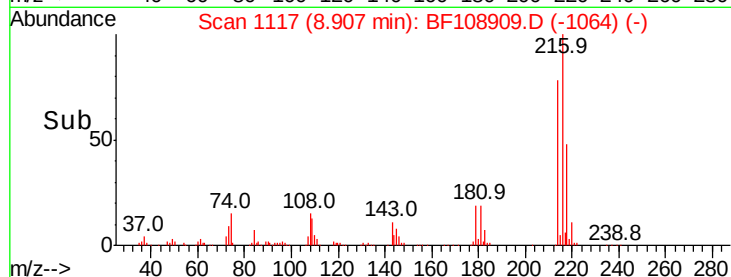
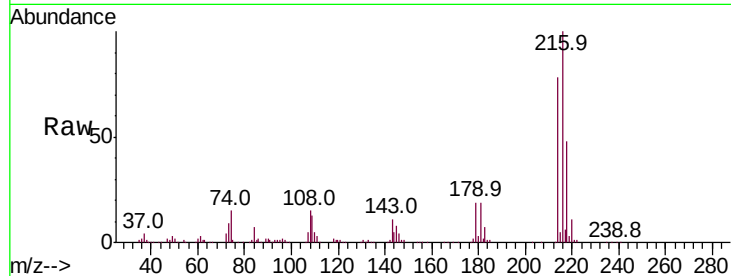
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.079 ng
 RT: 8.91 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.4	18.1	27.1
108	18.5	17.2	25.8

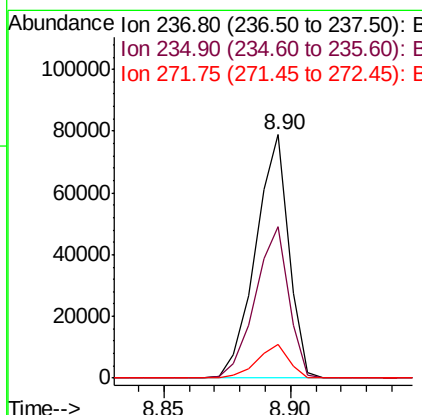
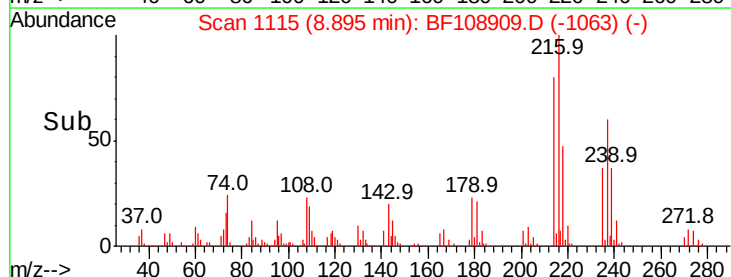
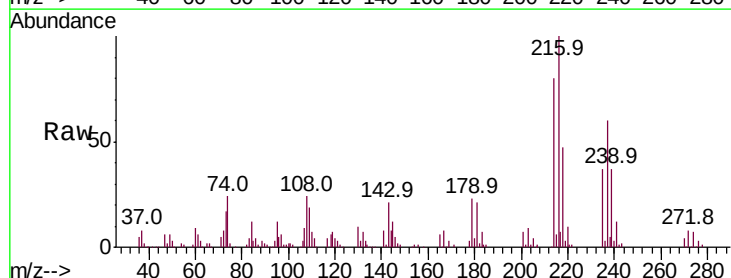
Manual Integrations
 APPROVED

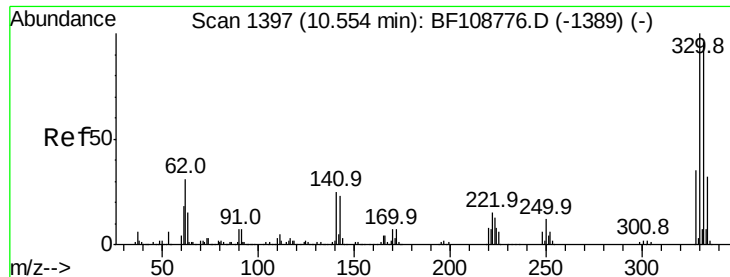
Sohil
 9/11/2018 9:34:23 AM



#40
 Hexachlorocyclopentadiene
 Concen: 18.579 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.6	0.0	33.3





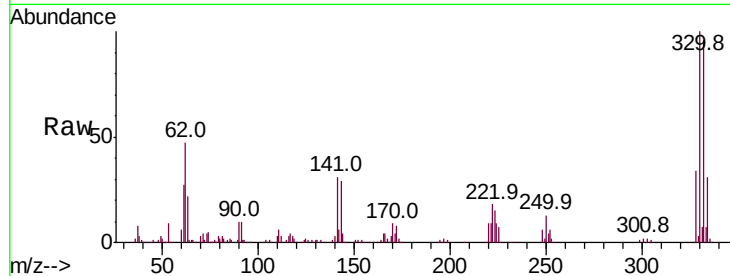
#41
 2,4,6-Tribromophenol
 Concen: 120.700 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

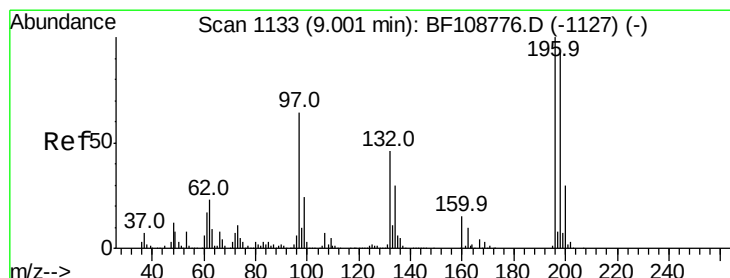
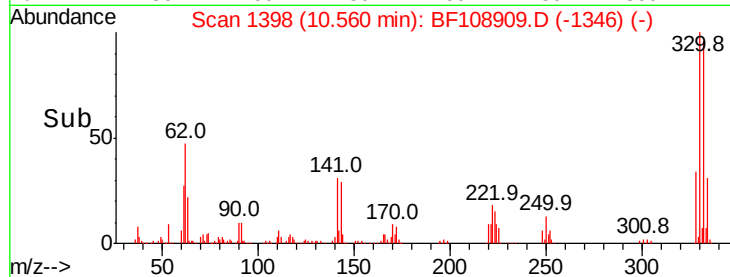
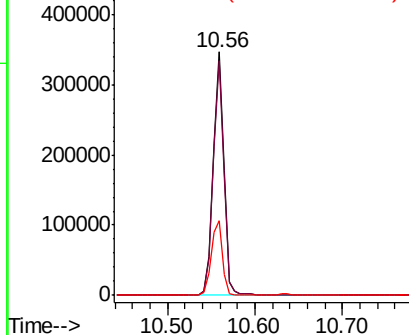
Tot Ion:	330	Resp:	297126
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	32.1	29.9	44.9

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:23 AM



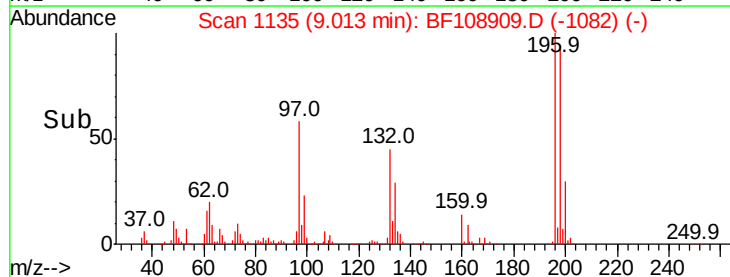
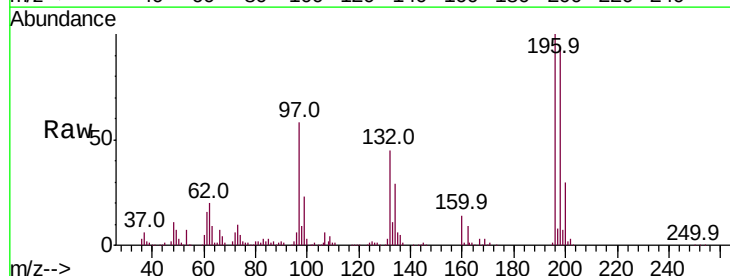
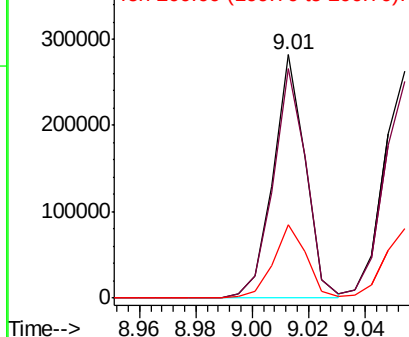
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

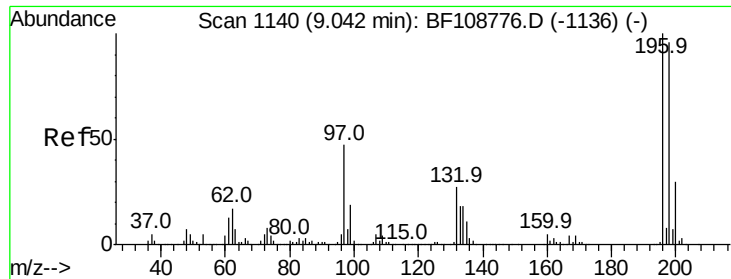


#42
 2,4,6-Trichlorophenol
 Concen: 42.671 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion:	196	Resp:	224038
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
200	30.3	24.5	36.7

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





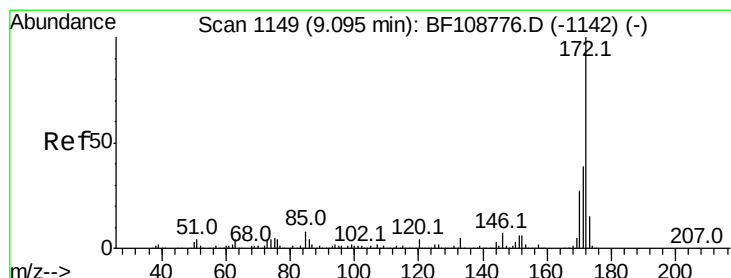
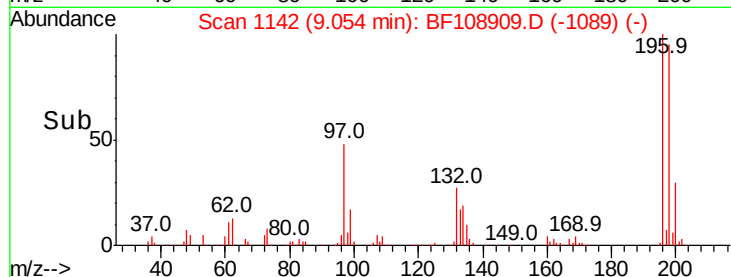
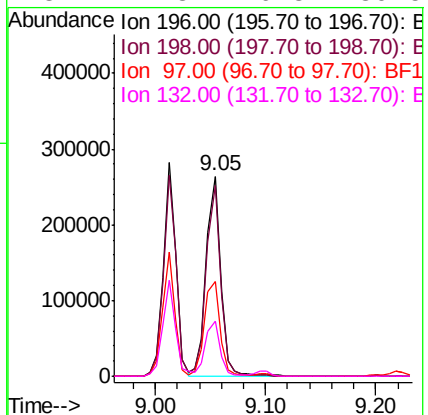
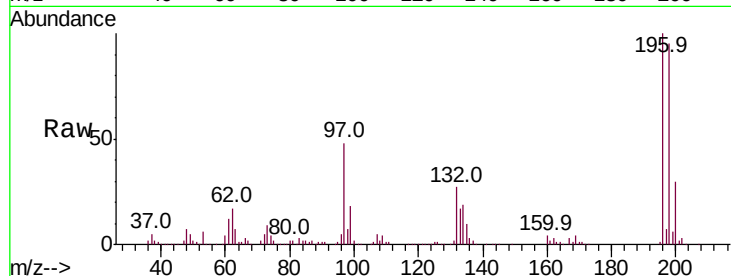
#43
 2,4,5-Trichlorophenol
 Concen: 43.115 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion:	196	Resp:	234643
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	112.0
97	47.7	42.9	64.3
132	27.3	26.3	39.5

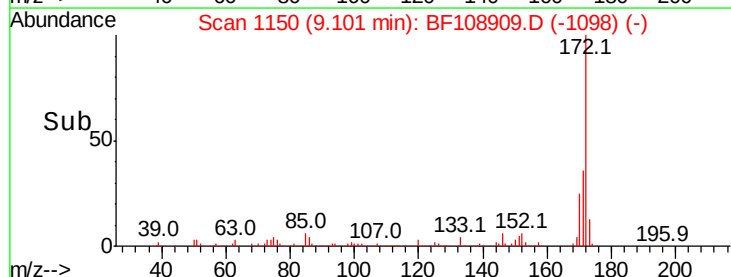
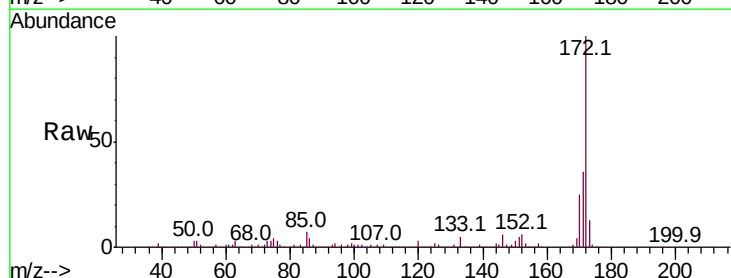
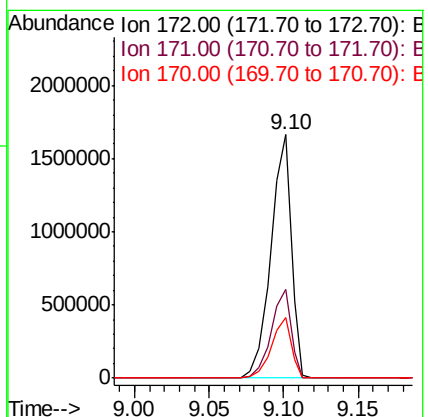
Manual Integrations
 APPROVED

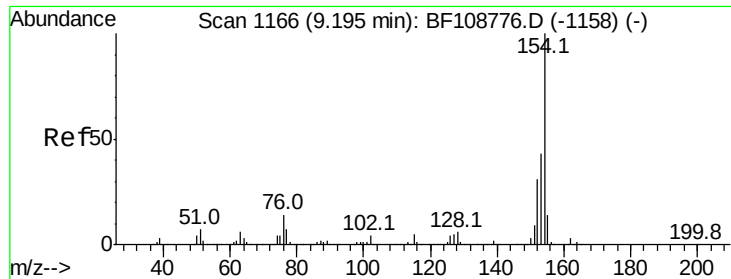
Sohil
 9/11/2018 9:34:23 AM



#44
 2-Fluorobiphenyl
 Concen: 103.547 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion:	172	Resp:	1565130
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	25.1	19.6	29.4





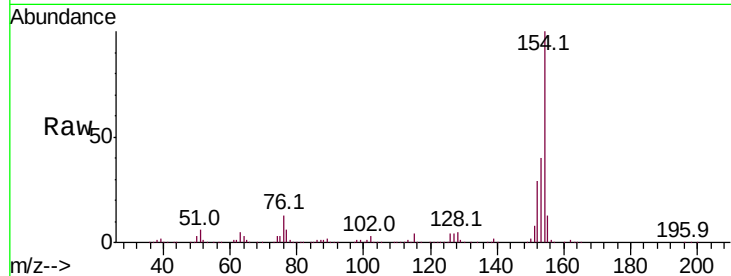
#45
 1,1'-Biphenyl
 Concen: 45.000 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampled :
 PB112743BS

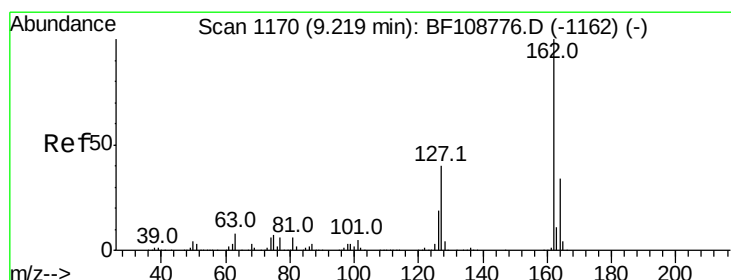
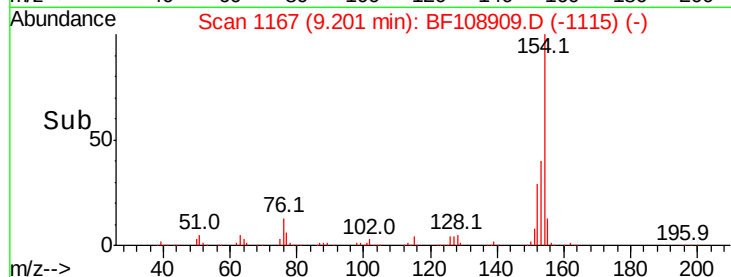
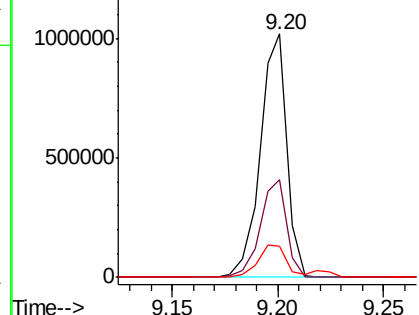
Tot Ion:	154	Resp:	893337
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	12.8	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:23 AM

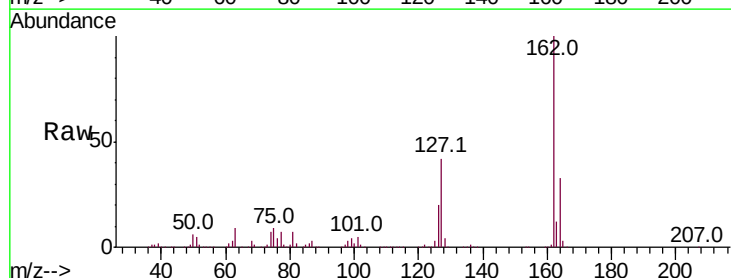


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

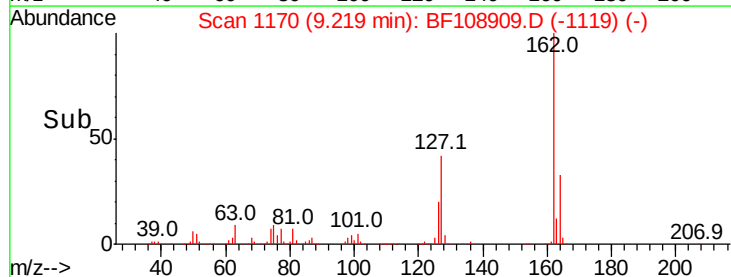
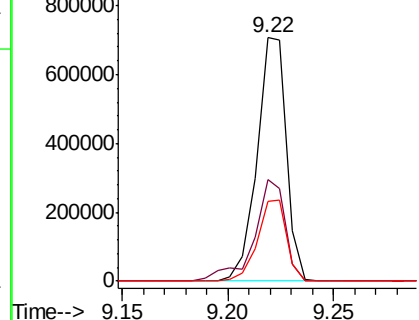


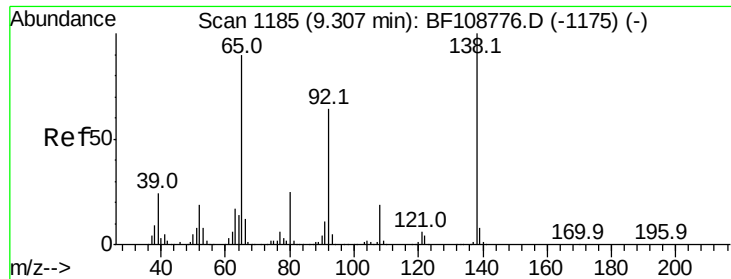
#46
 2-Chloronaphthalene
 Concen: 42.812 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion:	162	Resp:	687358
Ion Ratio	Lower	Upper	
162	100		
127	41.8	33.9	50.9
164	32.7	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: 51.257 ng

RT: 9.31 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

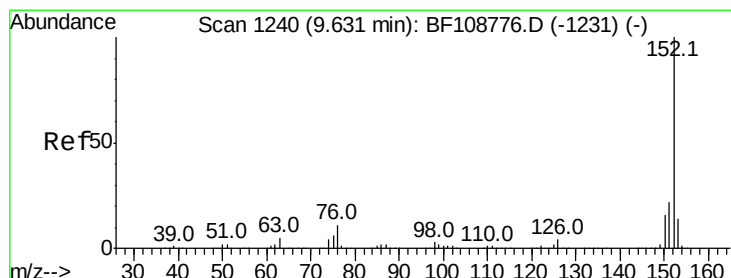
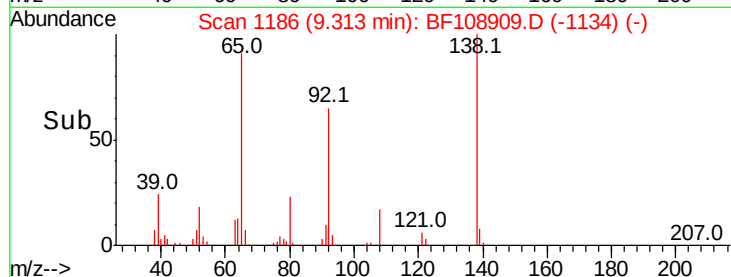
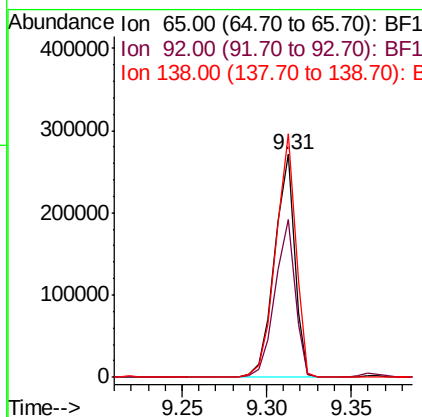
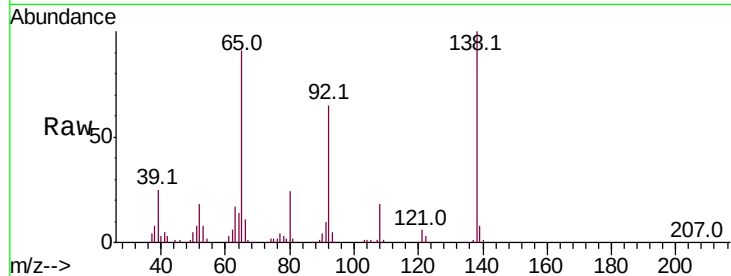
ClientSampleId :

PB112743BS

Tot Ion:	65	Resp:	224816
Ion Ratio	Lower	Upper	
65	100		
92	71.0	55.8	83.6
138	109.4	91.2	136.8

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#48

Acenaphthylene

Concen: 44.883 ng

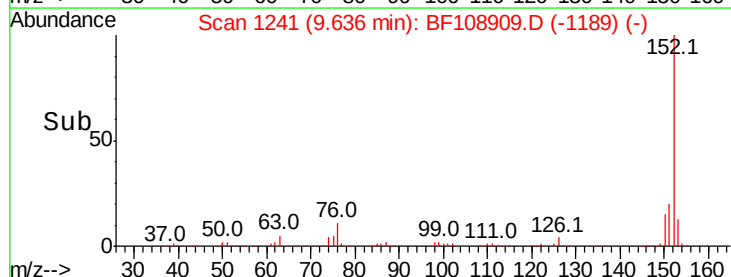
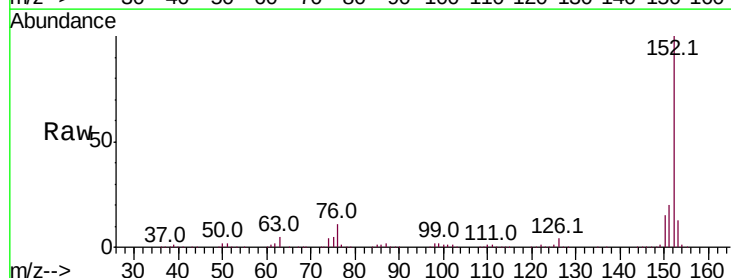
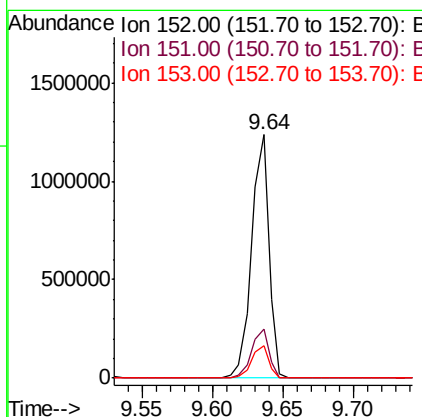
RT: 9.64 min Scan# 1241

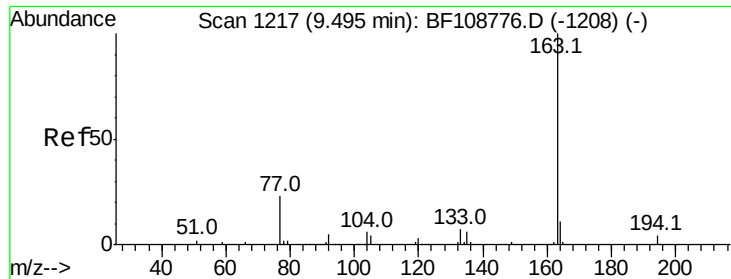
Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion:	152	Resp:	1074124
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.3	10.7	16.1





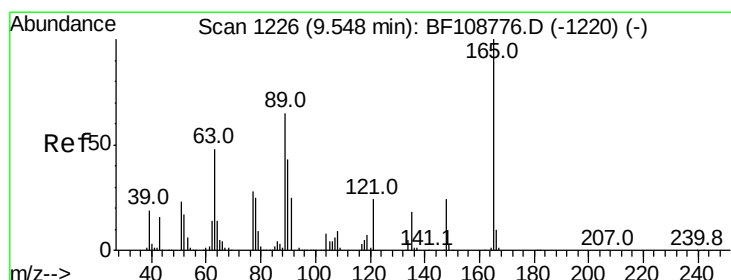
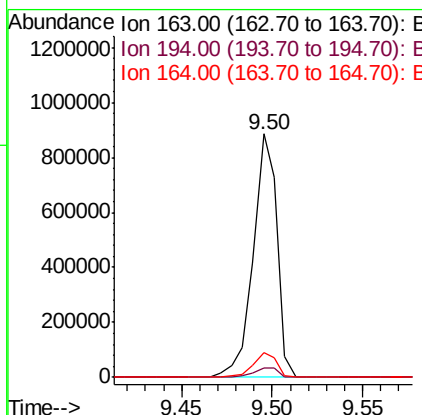
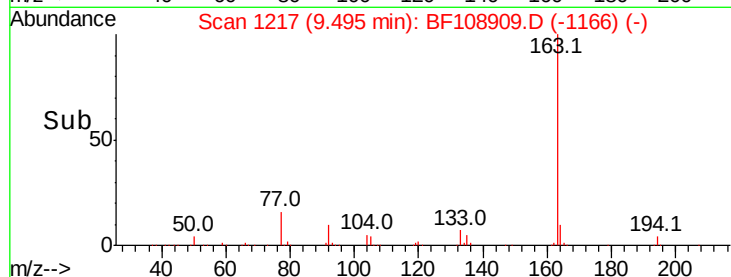
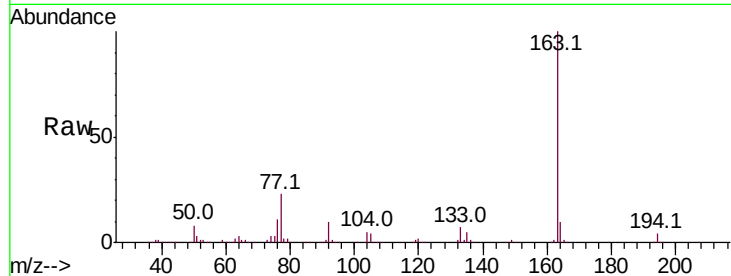
#49
Dimethylphthalate
Concen: 44.708 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	806345		
194	3.8		2.7	4.1
164	10.4		8.2	12.2

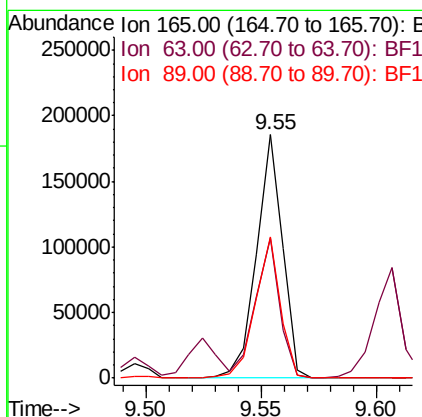
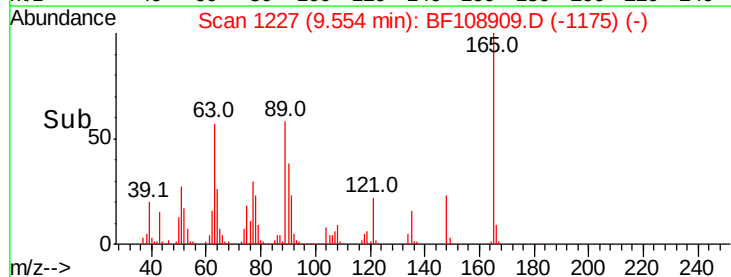
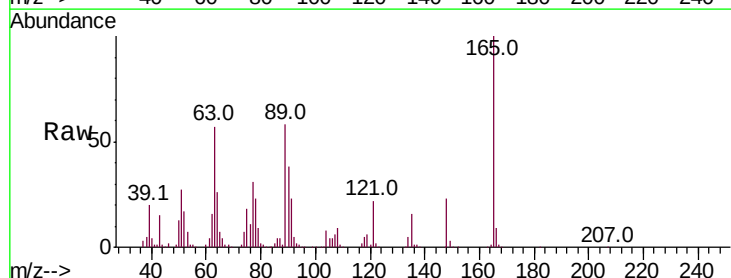
Manual Integrations
APPROVED

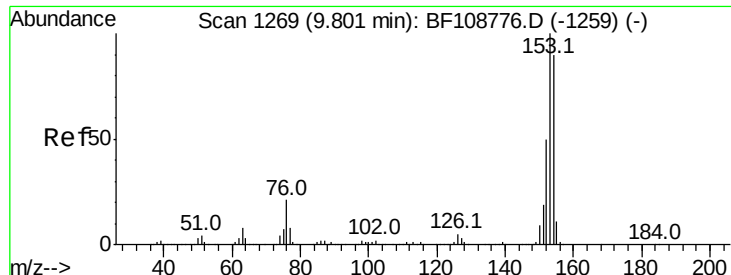
Sohil
9/11/2018 9:34:23 AM



#50
2,6-Dinitrotoluene
Concen: 42.506 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146082		
63	57.4		44.7	67.1
89	58.0		44.0	66.0





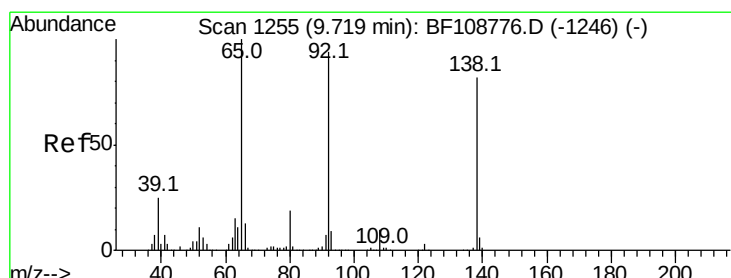
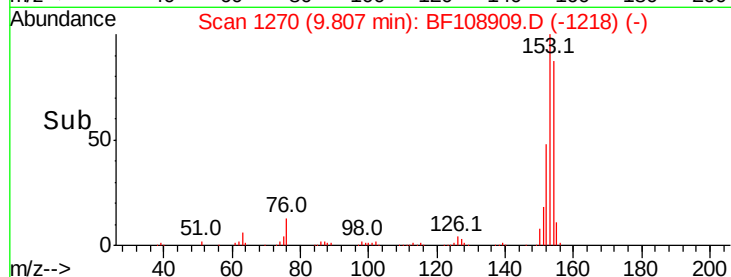
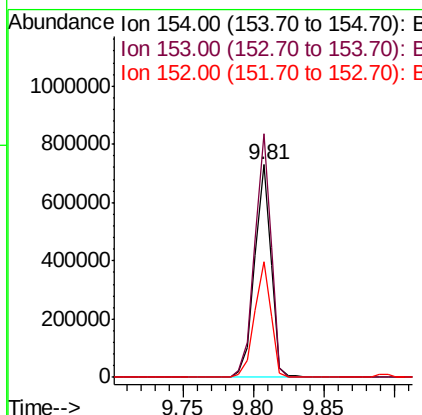
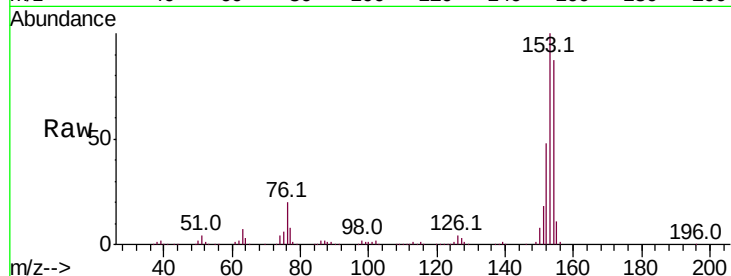
#51
Acenaphthene
Concen: 40.672 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion:	154	Resp:	602334
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	54.6	43.8	65.8

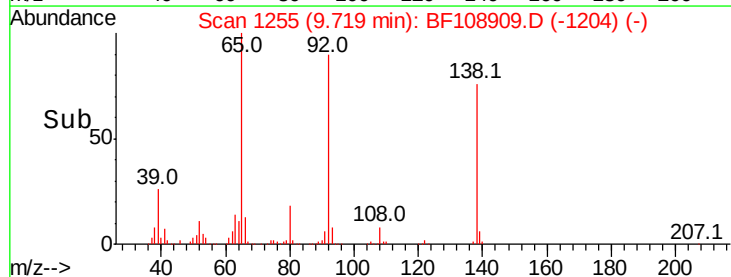
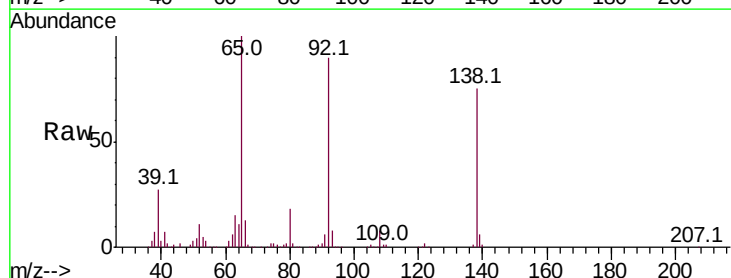
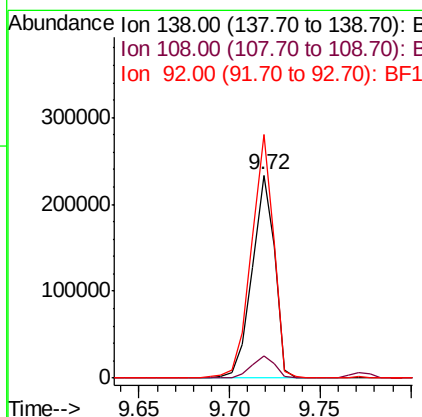
Manual Integrations
APPROVED

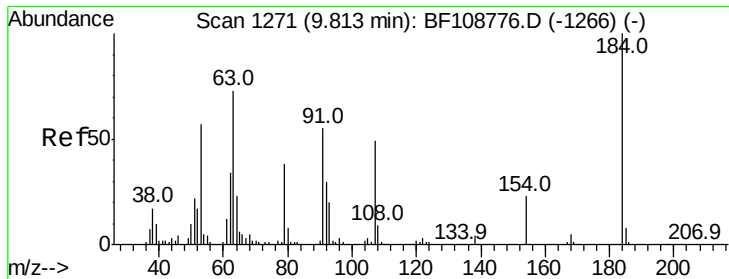
Sohil
9/11/2018 9:34:23 AM



#52
3-Nitroaniline
Concen: 49.372 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion:	138	Resp:	201980
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	119.9	89.4	134.2





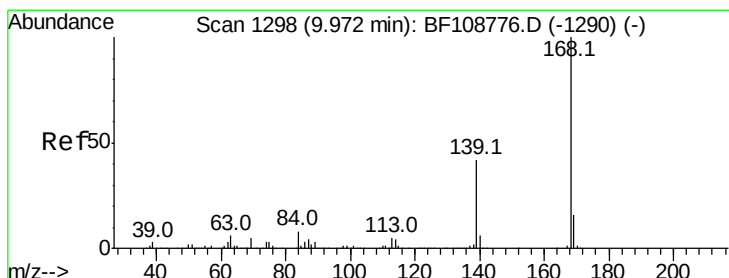
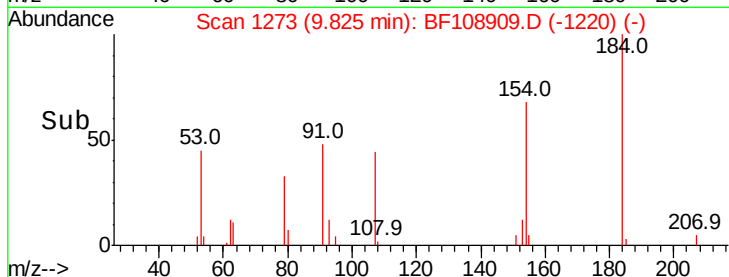
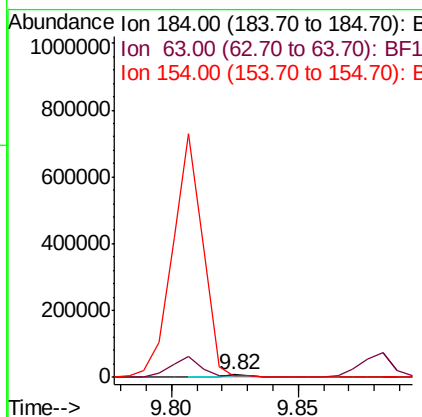
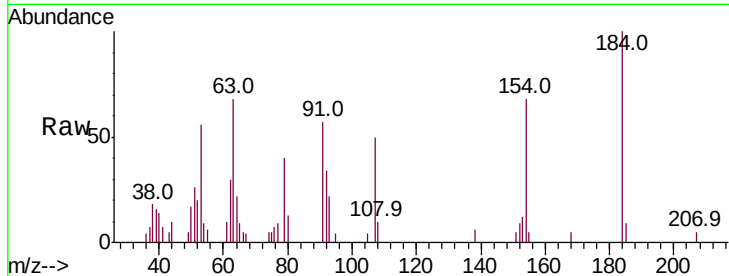
#53
2,4-Dinitrophenol
Concen: 13.945 ng
RT: 9.82 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.3	54.2	81.2
154	68.2	184.0	276.0#

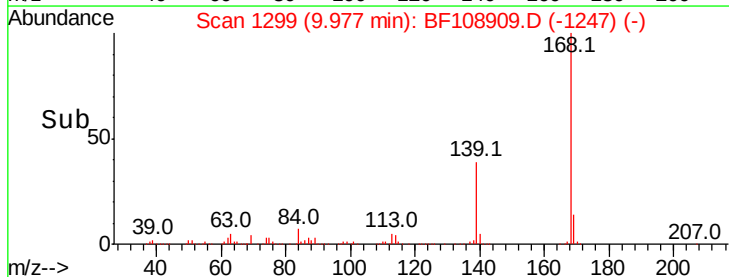
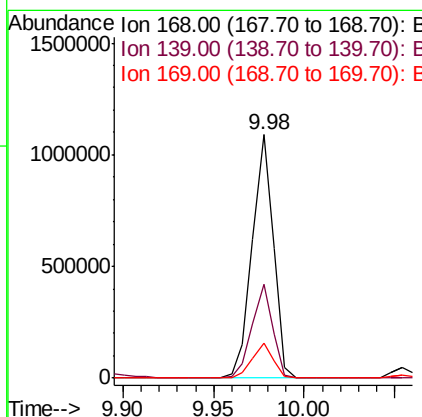
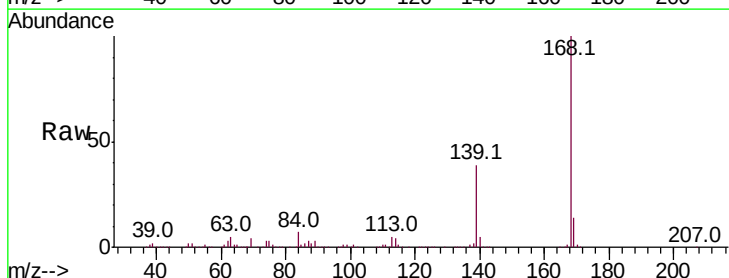
Manual Integrations
APPROVED

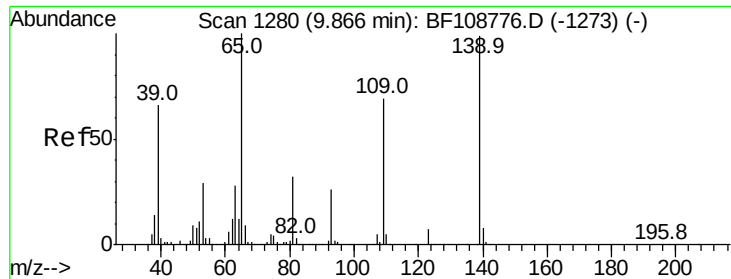
Sohil
9/11/2018 9:34:23 AM



#54
Dibenzofuran
Concen: 41.222 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.4	10.9	16.3





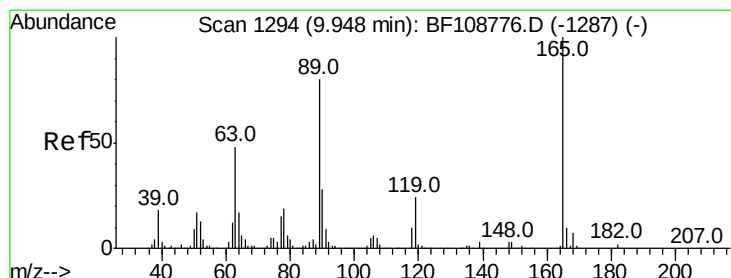
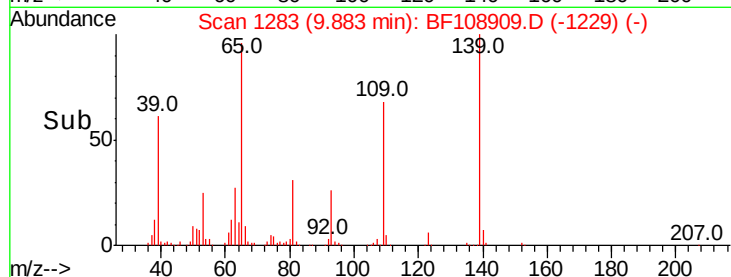
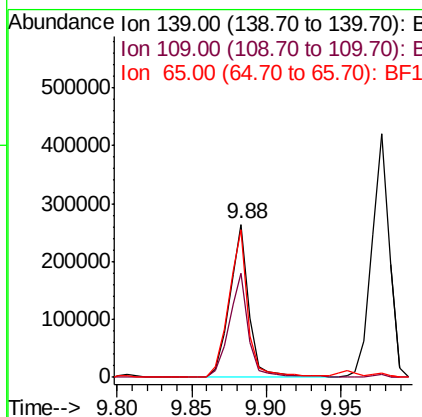
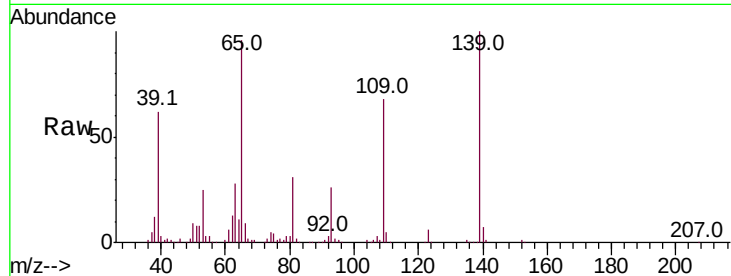
#55
4-Nitrophenol
Concen: 79.306 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	242543		
109	67.5	48.4	88.4	
65	96.0	72.6	112.6	

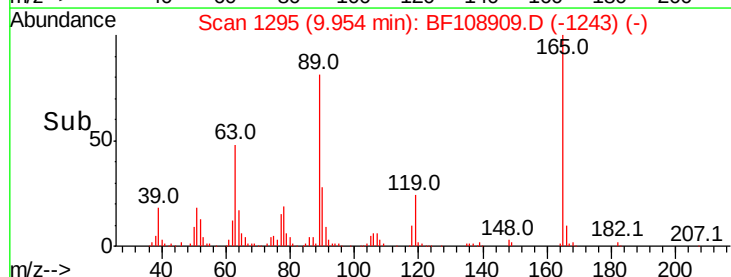
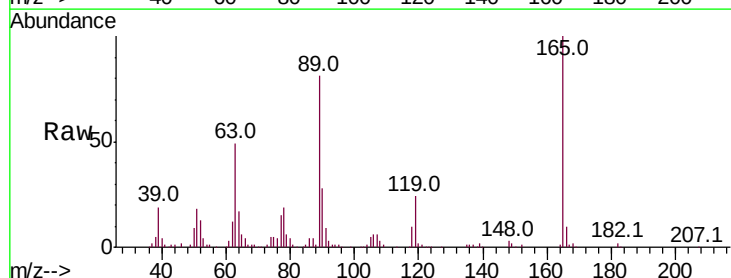
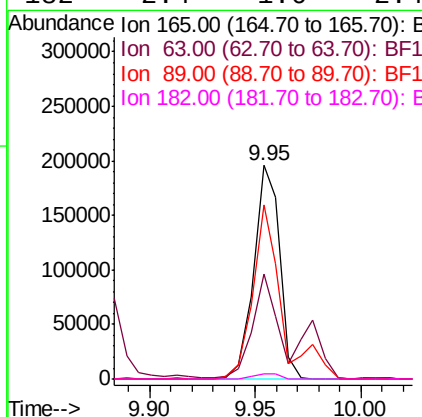
Manual Integrations
APPROVED

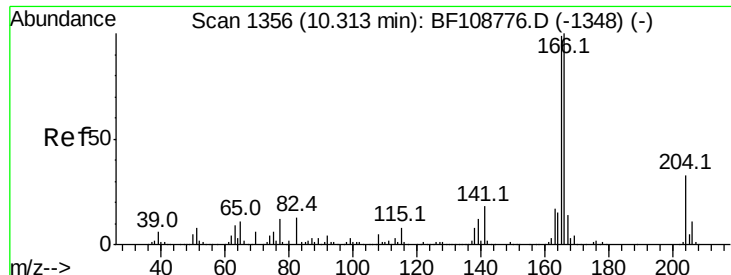
Sohil
9/11/2018 9:34:23 AM



#56
2,4-Dinitrotoluene
Concen: 38.078 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167353		
63	49.0	36.4	54.6	
89	81.4	57.8	86.6	
182	2.4	1.6	2.4	





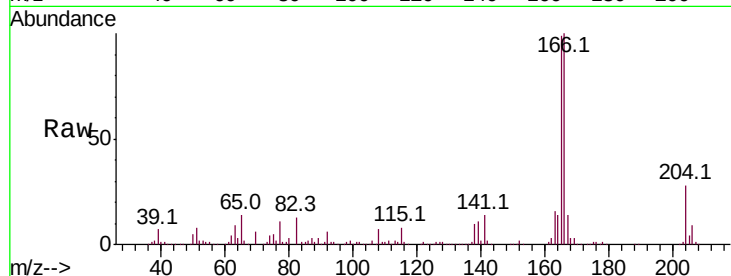
#57
 Fluorene
 Concen: 46.116 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	638855		
165	98.8	79.8	119.8	
167	13.6	10.6	16.0	

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:23 AM

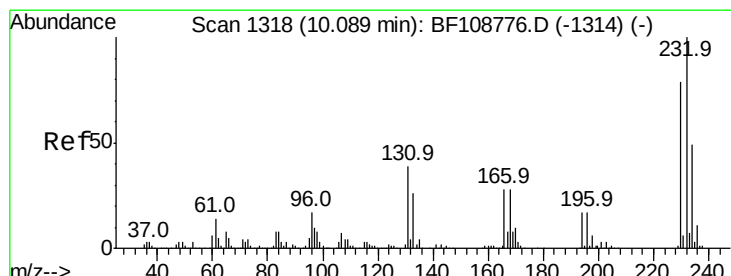
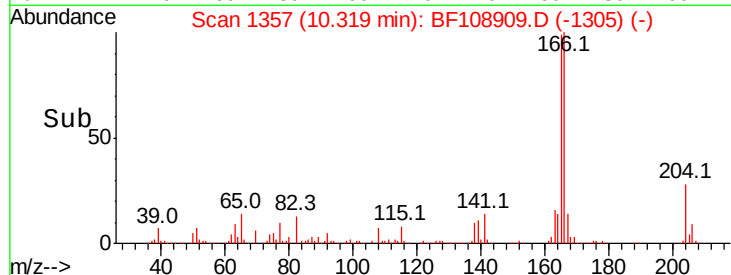
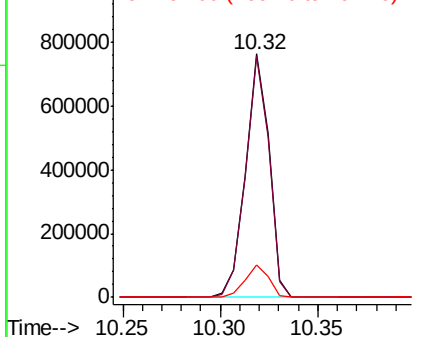


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.452 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	177536		
131	44.0	43.8	65.8	
130	2.3	2.1	3.1	
166	29.5	27.8	41.6	

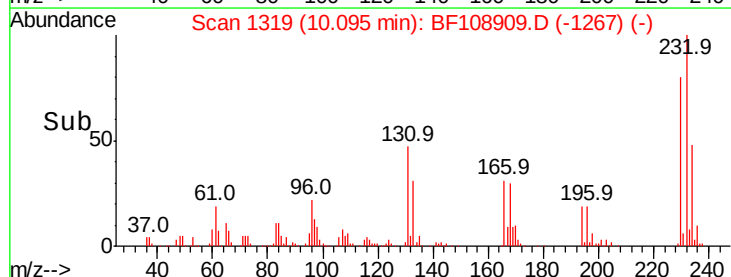
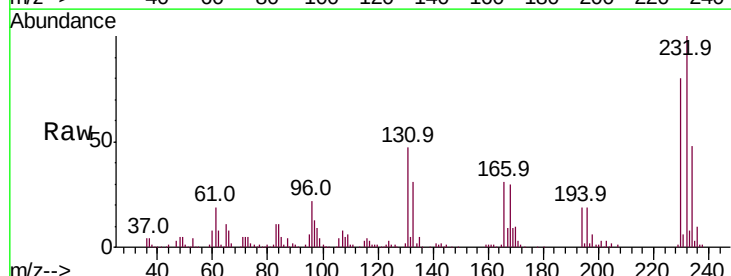
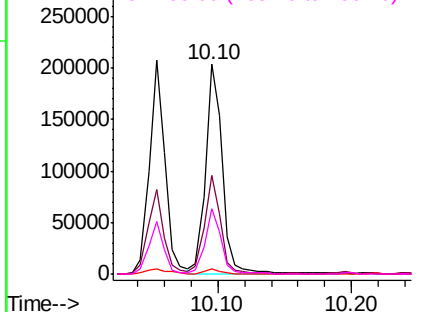
Abundance

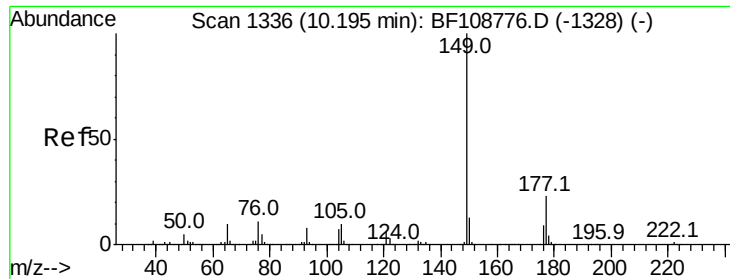
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





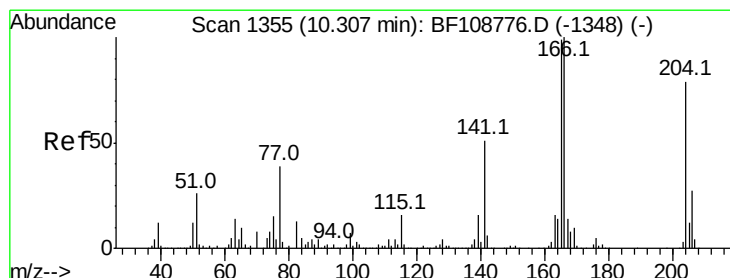
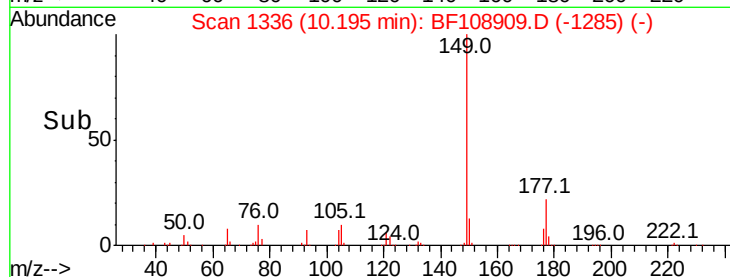
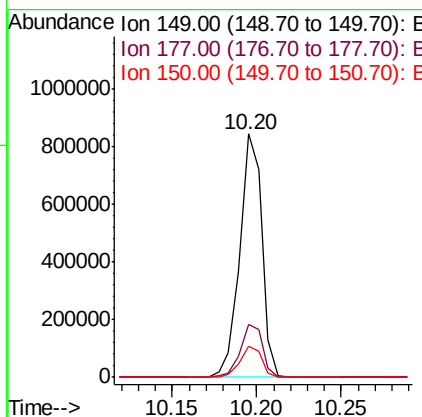
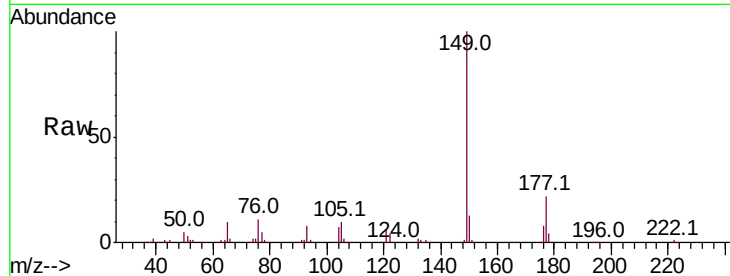
#59
Diethylphthalate
Concen: 41.256 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.7	16.1	24.1	
150	12.7	10.1	15.1	

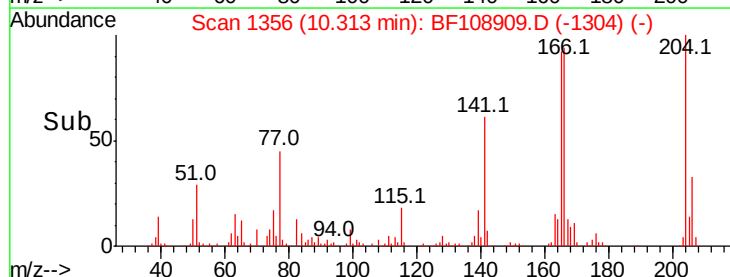
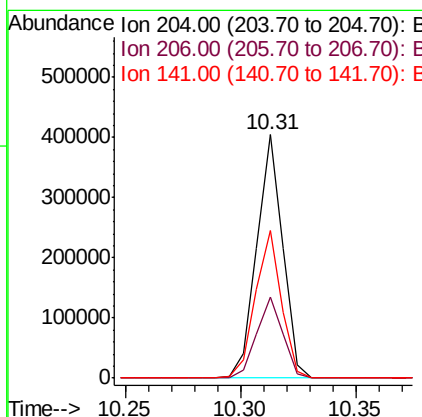
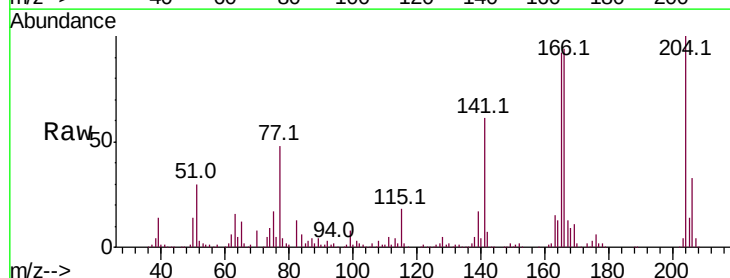
Manual Integrations
APPROVED

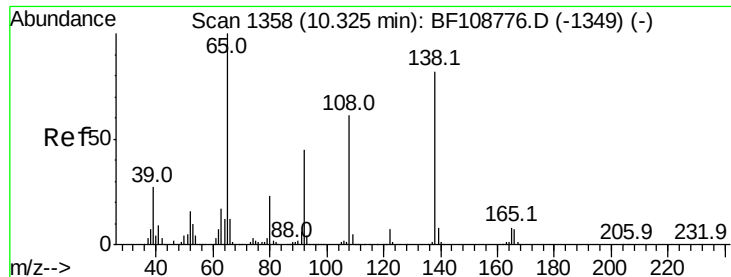
Sohil
9/11/2018 9:34:23 AM



#60
4-Chlorophenyl-phenylether
Concen: 43.107 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	26.5	39.7	
141	60.7	54.6	81.8	





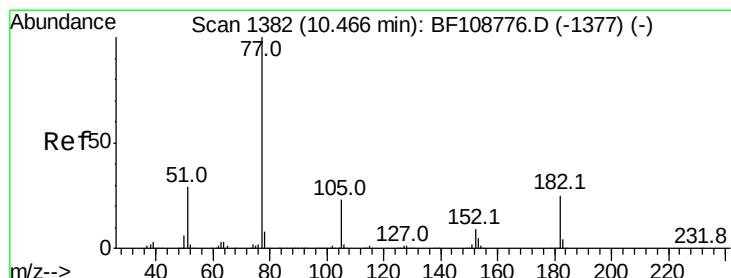
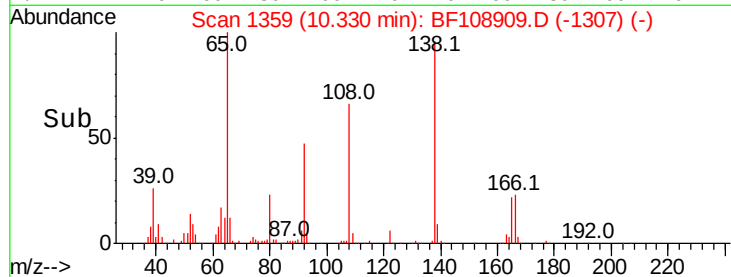
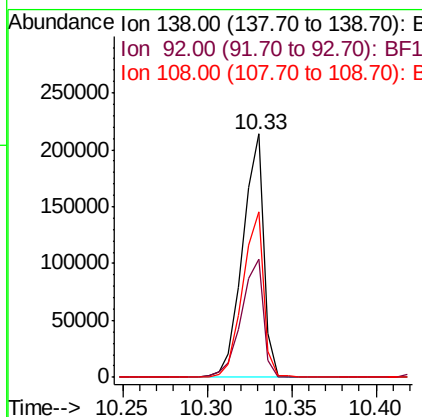
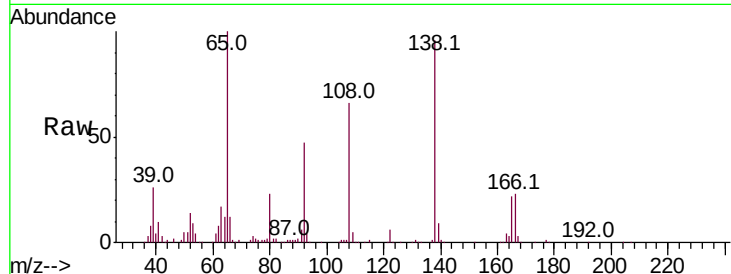
#61
4-Nitroaniline
Concen: 50.573 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.2	70.2
108	68.2	52.5	92.5

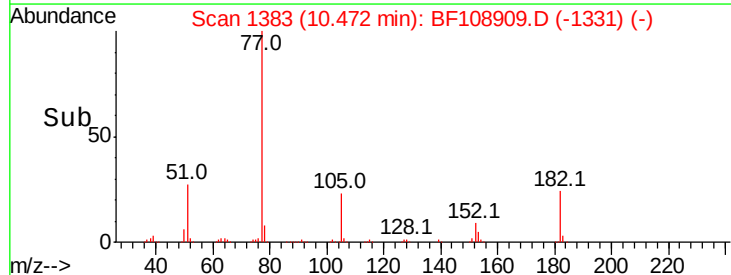
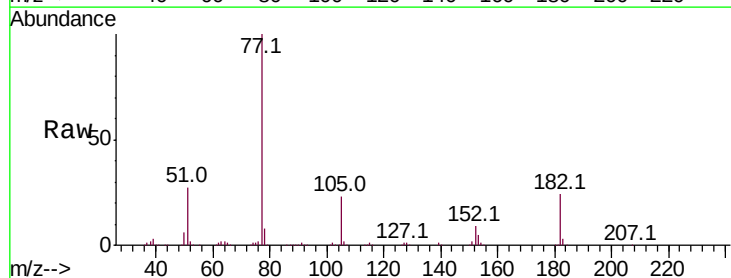
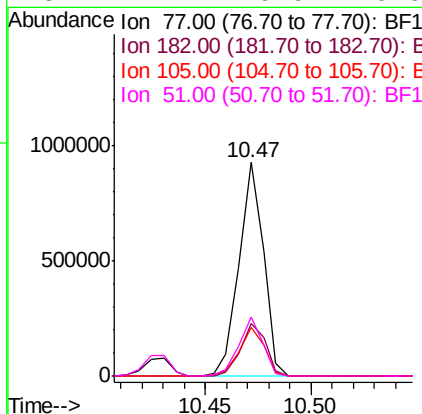
Manual Integrations
APPROVED

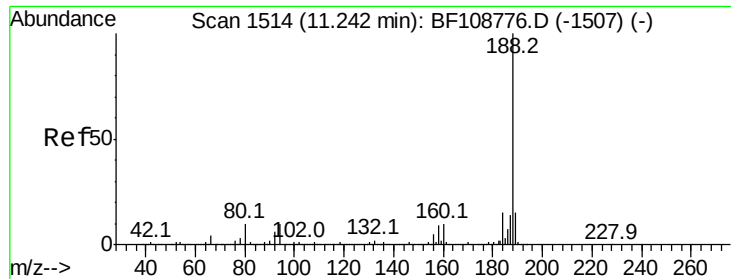
Sohil
9/11/2018 9:34:23 AM



#62
Azobenzene
Concen: 38.709 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	22.9	3.0	43.0
51	27.4	9.9	49.9





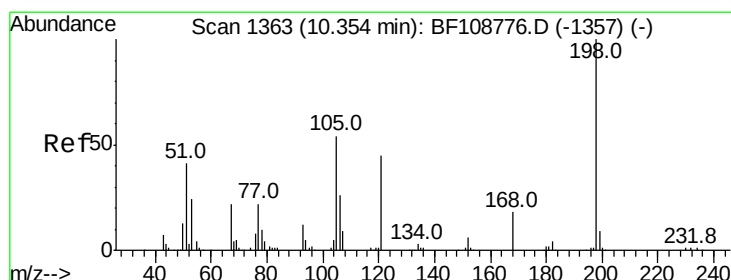
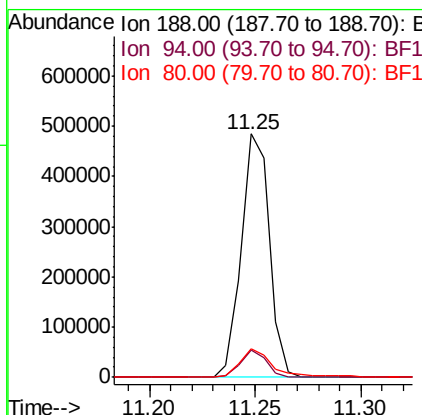
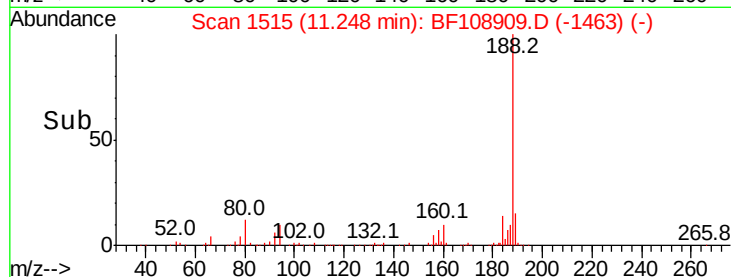
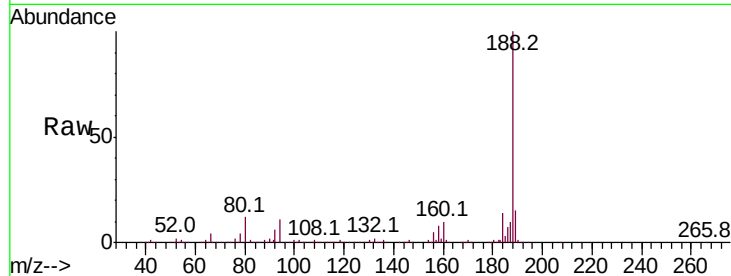
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	445069		
94	11.1		8.5	12.7
80	12.0		9.2	13.8

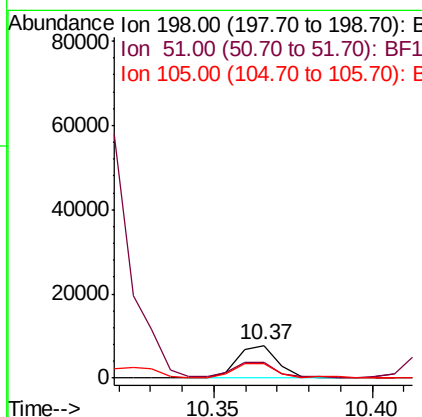
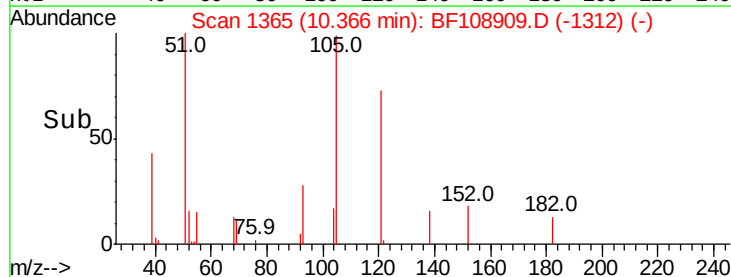
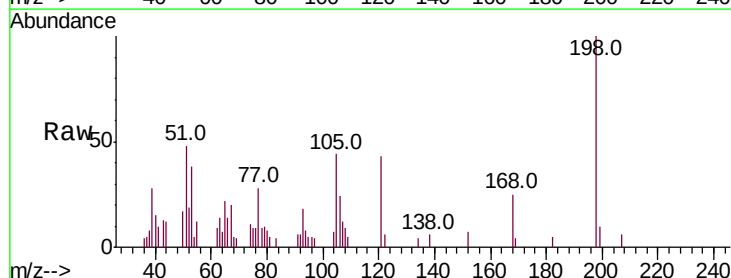
Manual Integrations
APPROVED

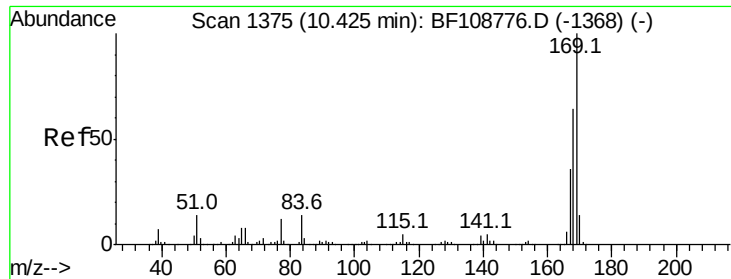
Sohil
9/11/2018 9:34:23 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 10.205 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6815		
51	47.7		37.7	77.7
105	43.8		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 41.980 ng

RT: 10.43 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

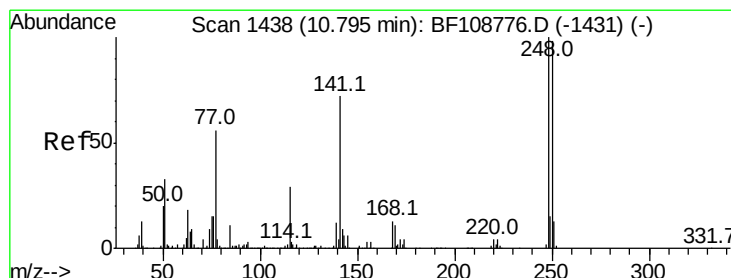
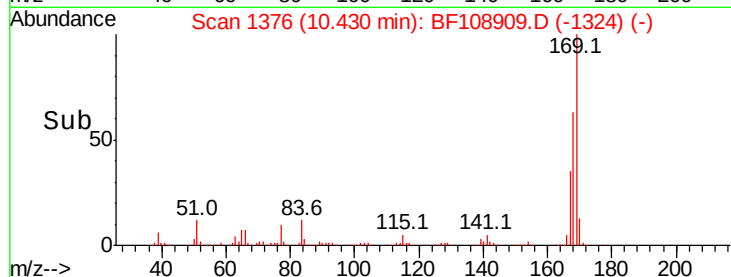
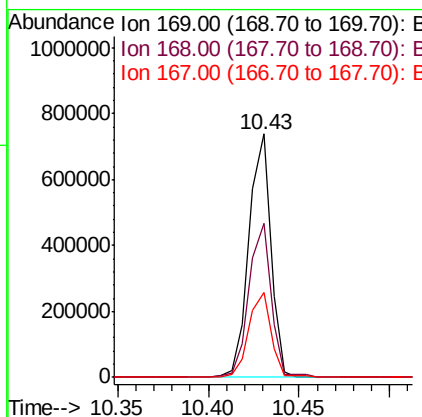
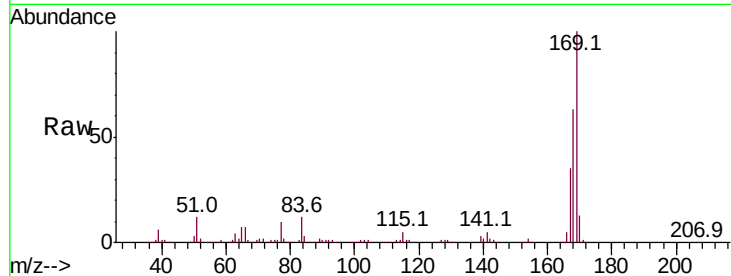
ClientSampled :

PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	621201		
168	63.2	54.4	81.6	
167	35.1	29.8	44.6	

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#66

4-Bromophenyl-phenylether

Concen: 40.855 ng

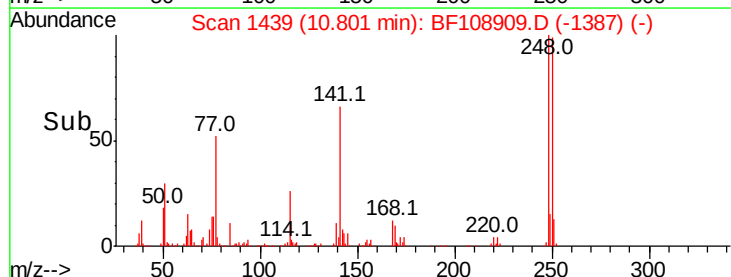
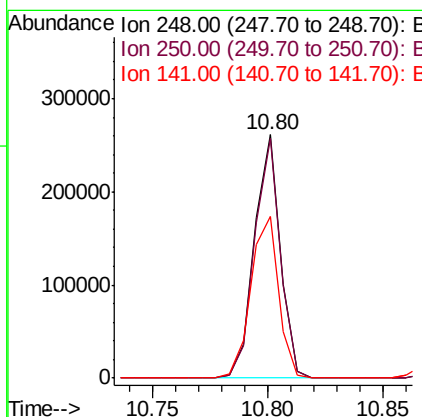
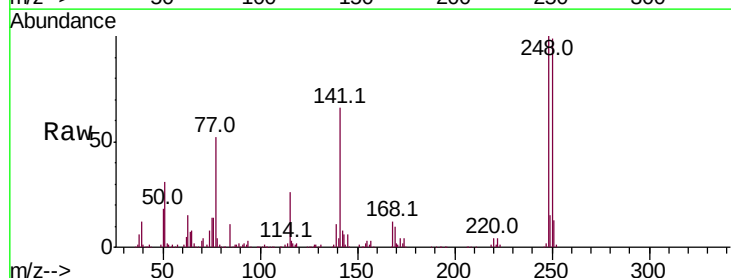
RT: 10.80 min Scan# 1439

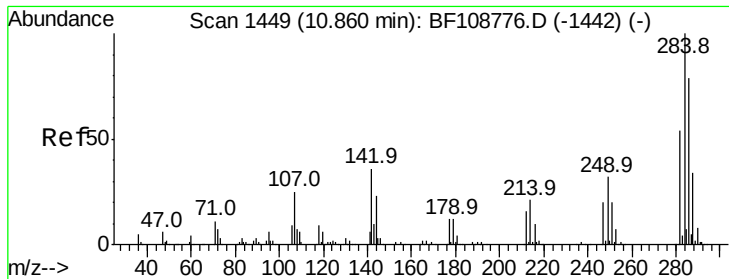
Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	205372		
250	98.5	76.9	115.3	
141	66.4	74.4	111.6	





#67

Hexachlorobenzene

Concen: 39.573 ng

RT: 10.87 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

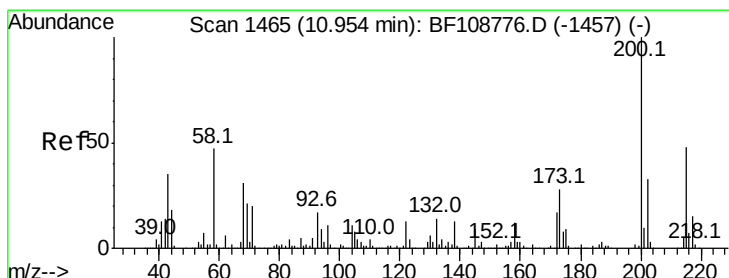
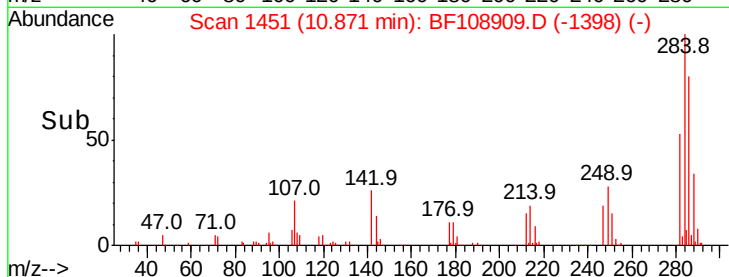
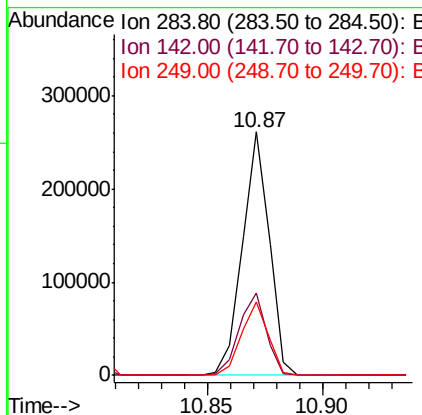
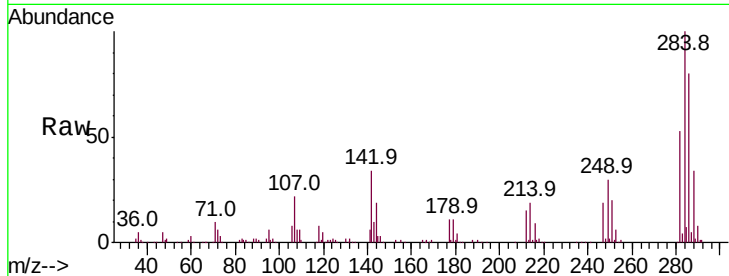
ClientSampleId :

PB112743BS

Tot Ion:	284	Resp:	212357
Ion Ratio	Lower	Upper	
284	100		
142	34.1	34.6	52.0#
249	30.1	24.8	37.2

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#68

Atrazine

Concen: 42.730 ng

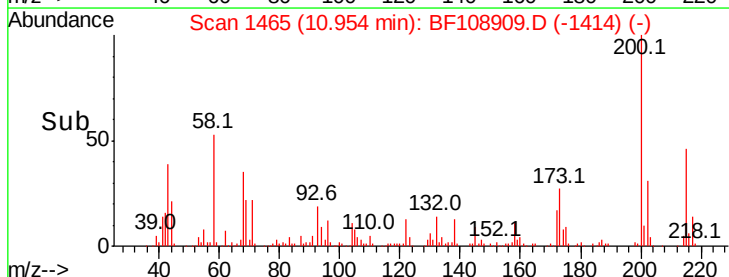
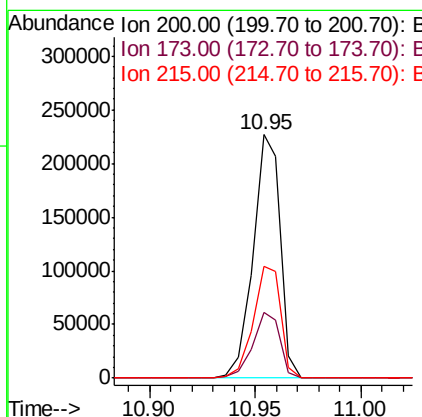
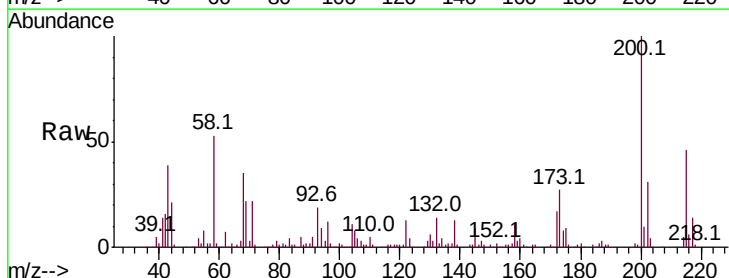
RT: 10.95 min Scan# 1465

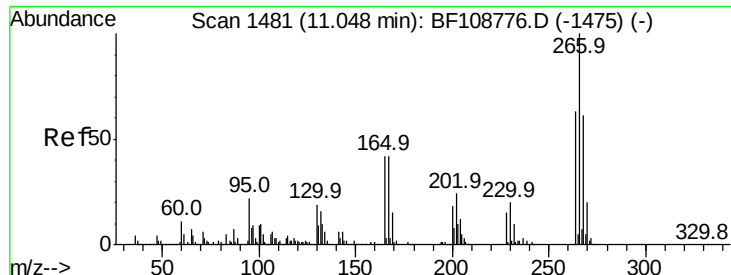
Delta R.T. -0.00 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion:	200	Resp:	202420
Ion Ratio	Lower	Upper	
200	100		
173	27.2	8.6	48.6
215	45.8	25.1	65.1





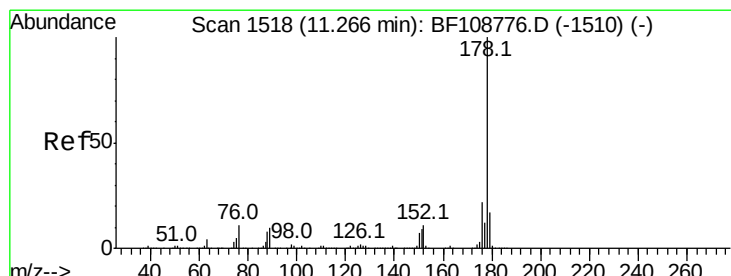
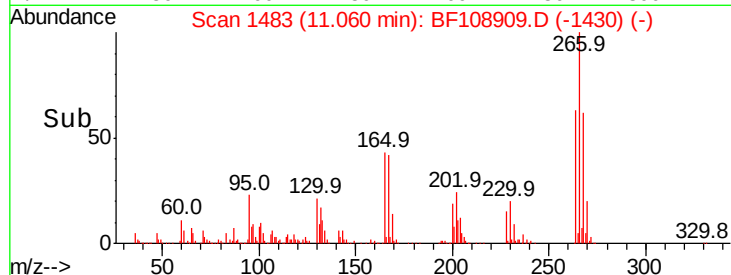
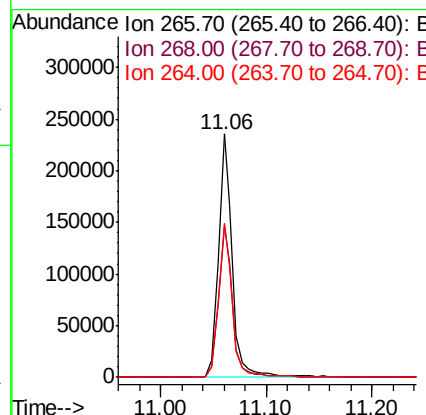
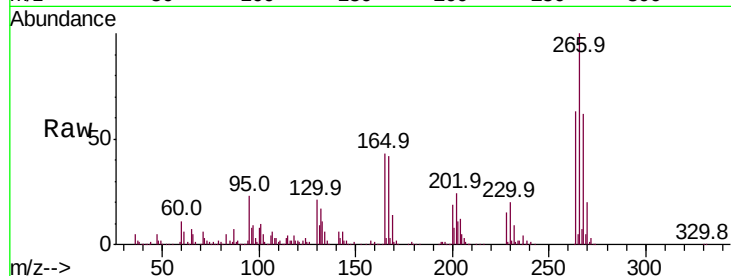
#69
 Pentachlorophenol
 Concen: 66.831 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.4	49.5	74.3

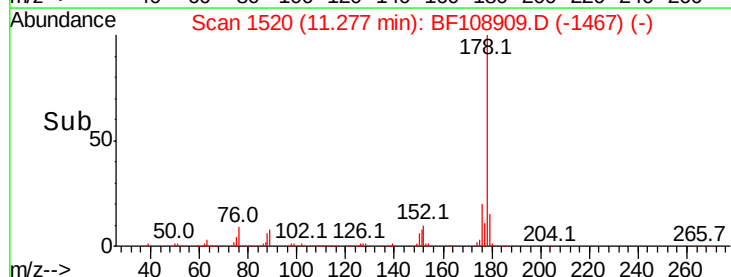
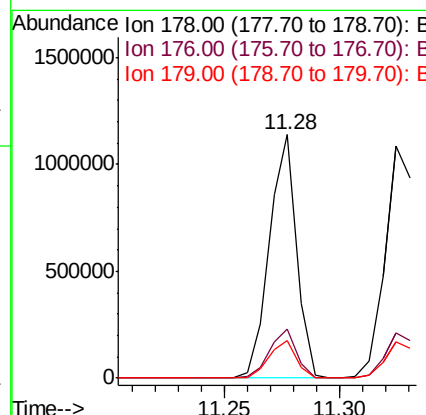
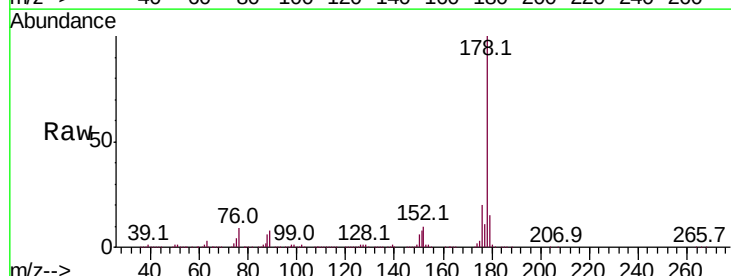
Manual Integrations
 APPROVED

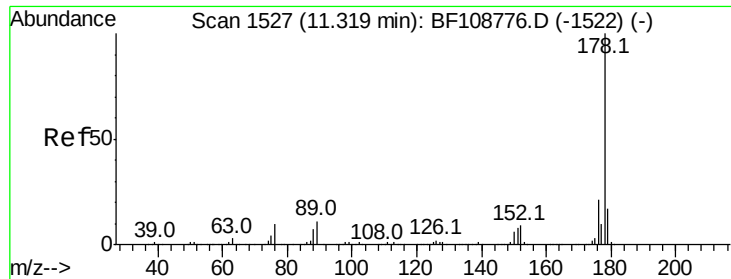
Sohil
 9/11/2018 9:34:23 AM



#70
 Phenanthrene
 Concen: 44.035 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.4	13.0	19.6





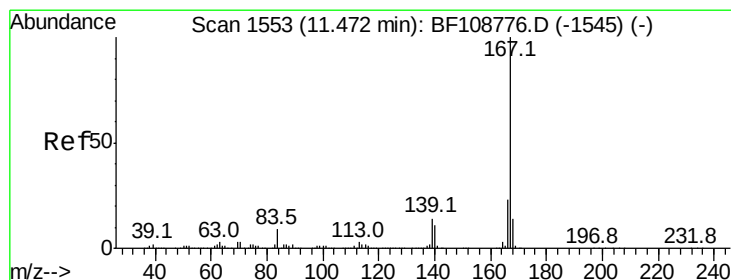
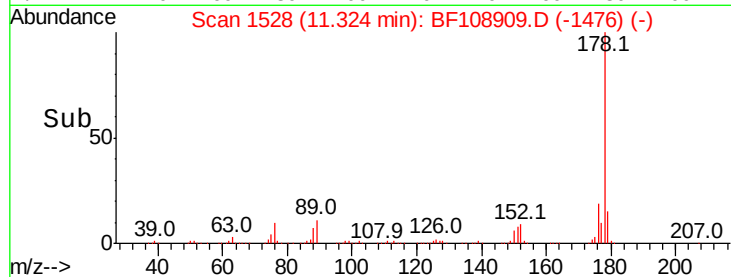
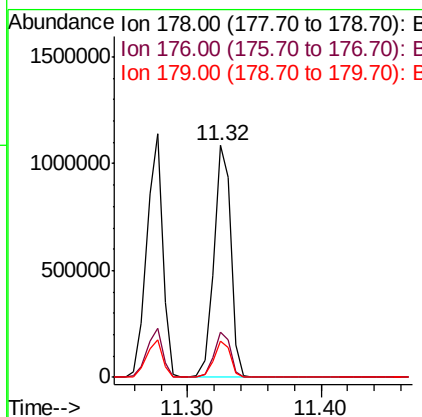
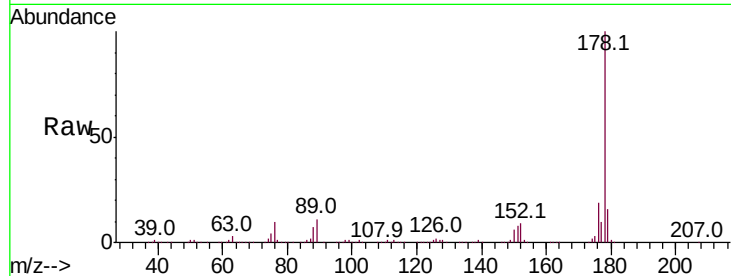
#71
 Anthracene
 Concen: 47.653 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampled :
 PB112743BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	19.0

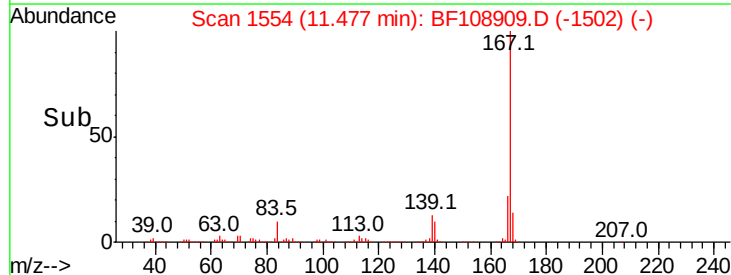
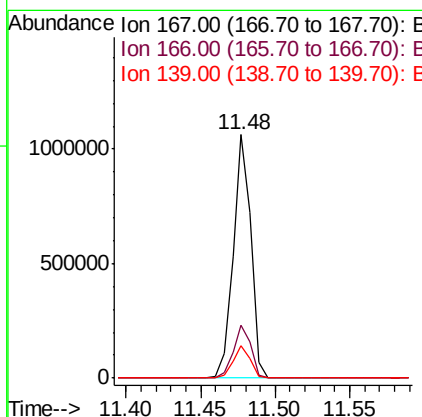
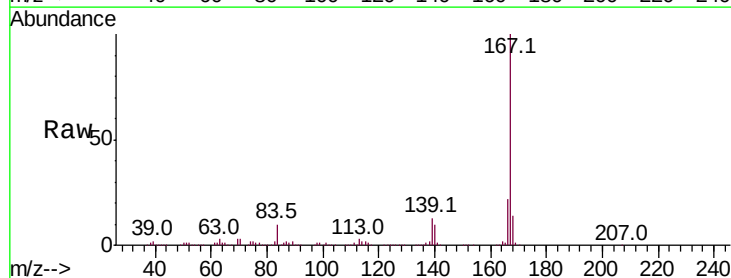
Manual Integrations
 APPROVED

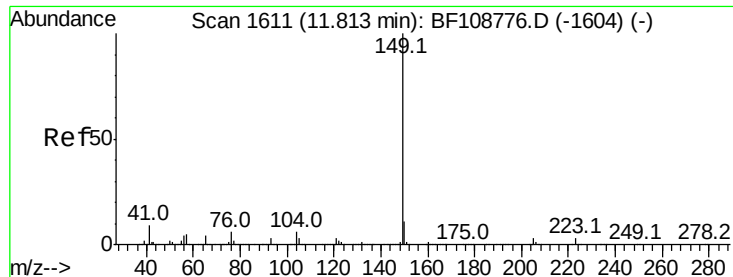
Sohil
 9/11/2018 9:34:23 AM



#72
 Carbazole
 Concen: 41.338 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.347 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion:149 Resp: 1102996

Ion Ratio Lower Upper

149 100

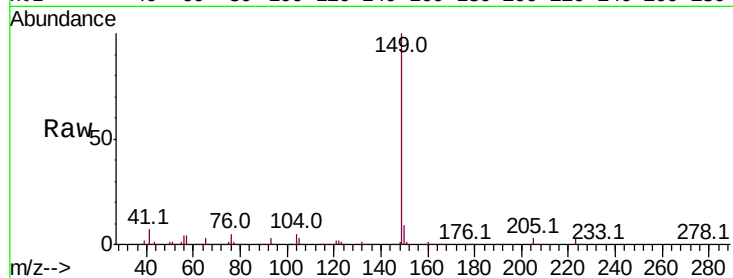
150 9.4 7.8 11.6

104 5.0 3.8 5.8

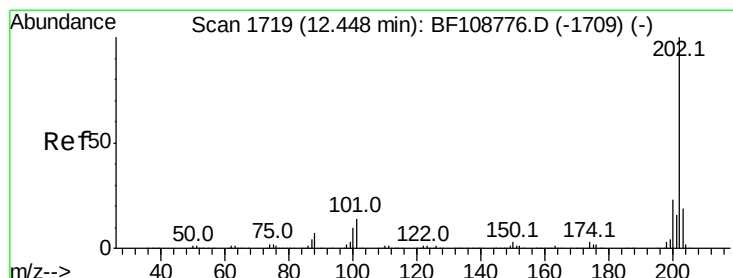
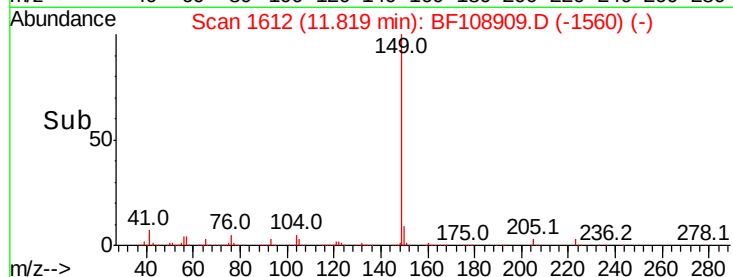
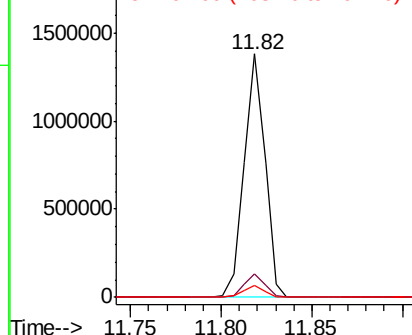
Manual Integrations
APPROVED

Sohil

9/11/2018 9:34:23 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.872 ng

RT: 12.46 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

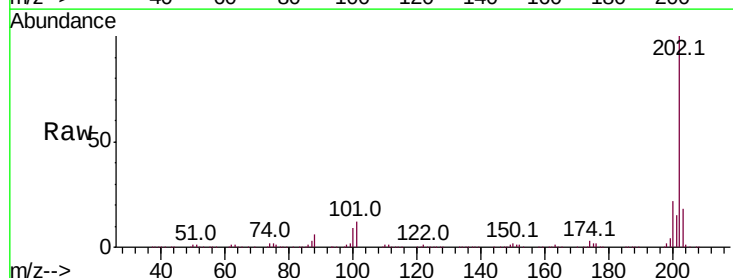
Tgt Ion:202 Resp: 1028434

Ion Ratio Lower Upper

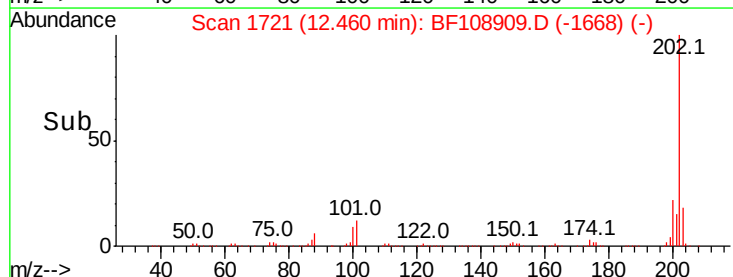
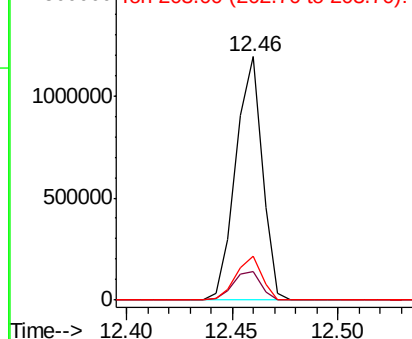
202 100

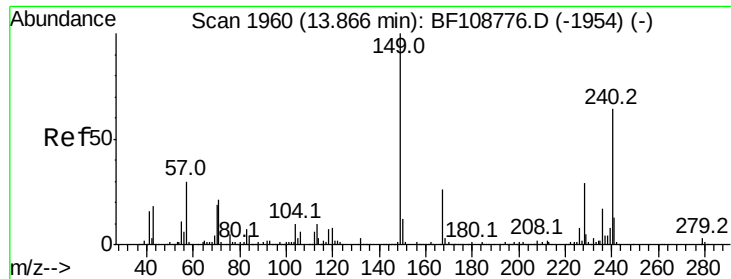
101 11.8 0.0 34.1

203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1963

Delta R.T. 0.02 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Instrument :

BNA_F

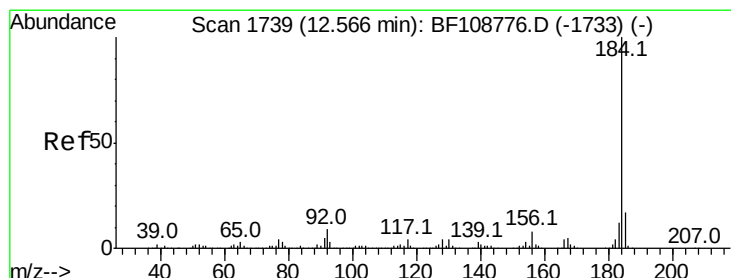
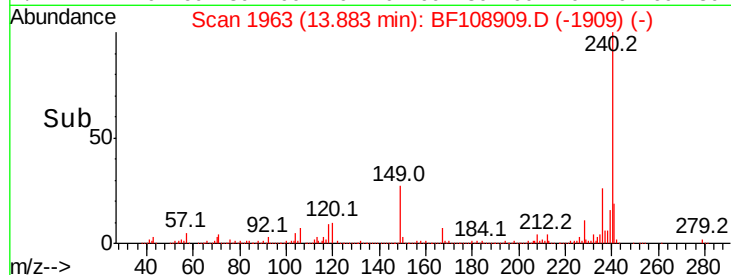
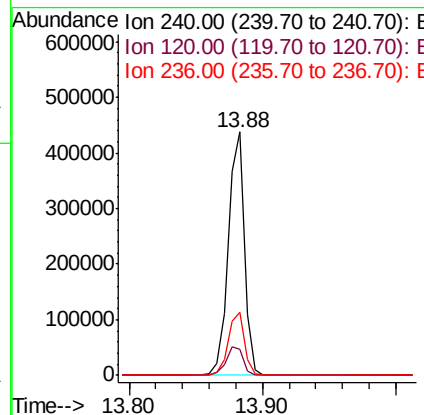
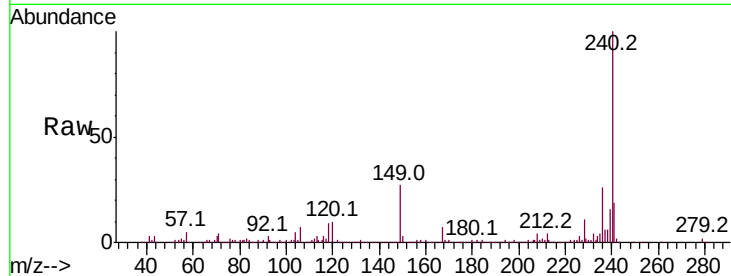
ClientSampled :

PB112743BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM



#76

Benzidine

Concen: 56.875 ng

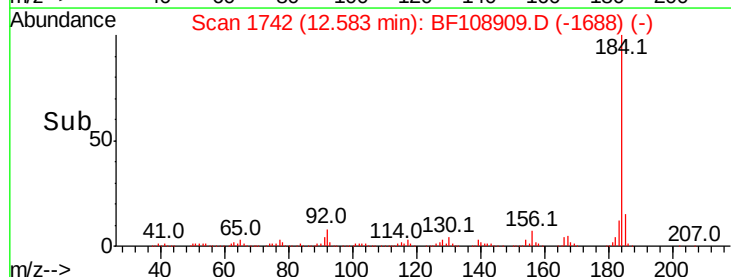
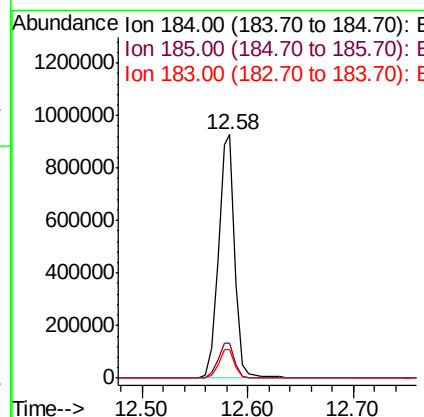
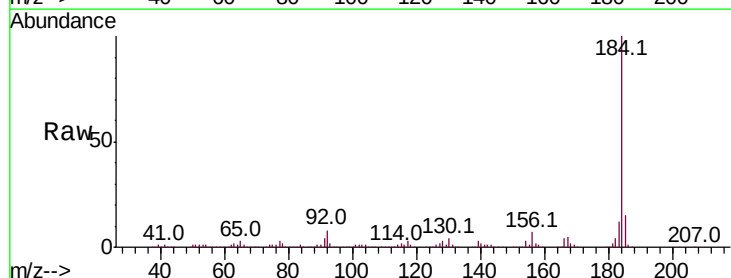
RT: 12.58 min Scan# 1742

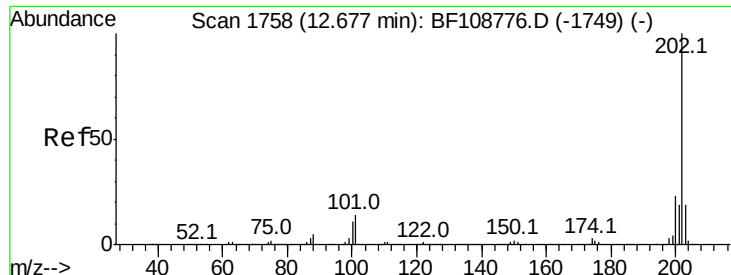
Delta R.T. 0.02 min

Lab File: BF108909.D

Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.8	9.3	13.9





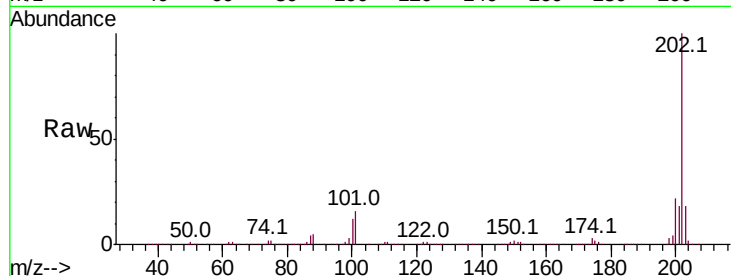
#77
Pvrene
Concen: 36.368 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

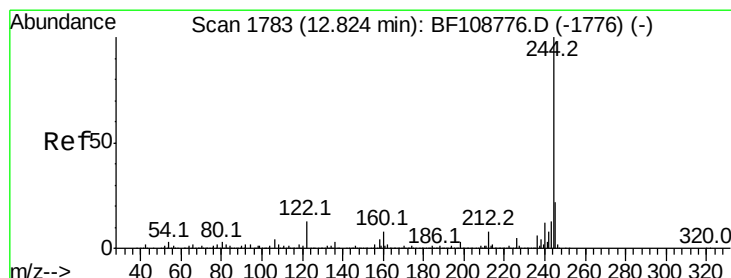
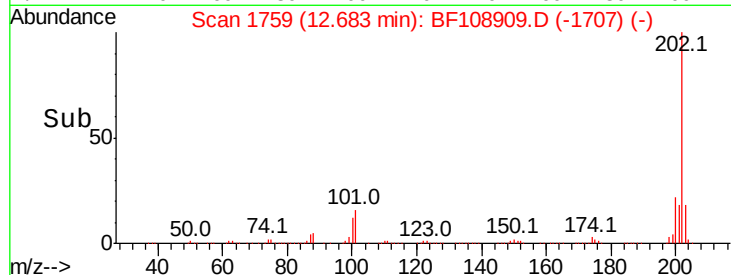
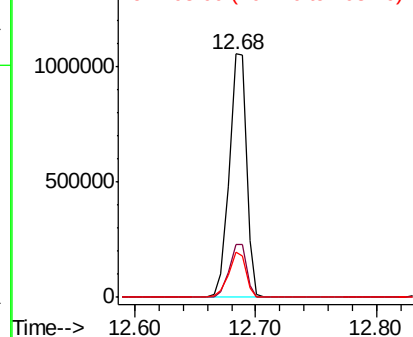
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.4	14.3	21.5

Manual Integrations
APPROVED

Sohil
9/11/2018 9:34:23 AM

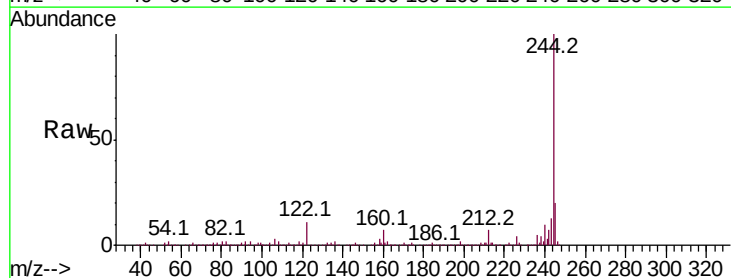


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

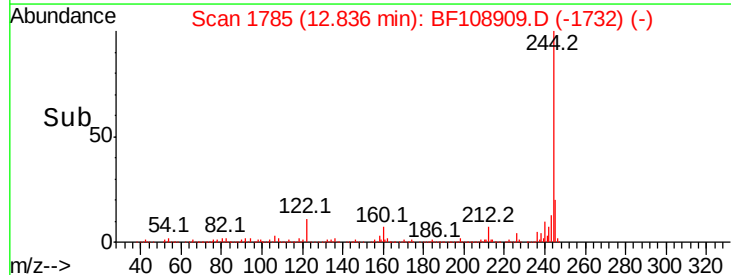
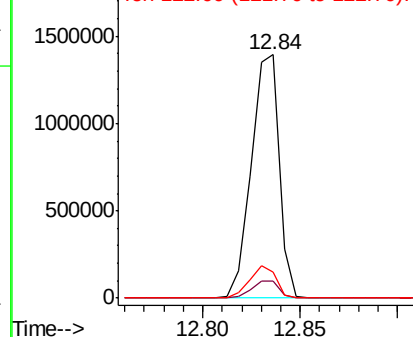


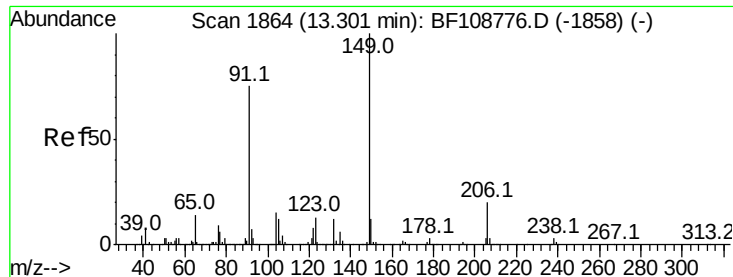
#78
Terphenyl-d14
Concen: 85.658 ng
RT: 12.84 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.6	11.0	16.4



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





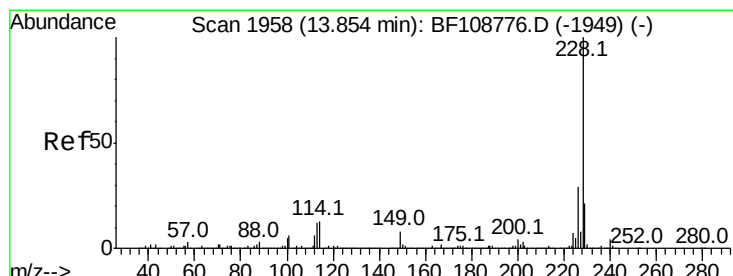
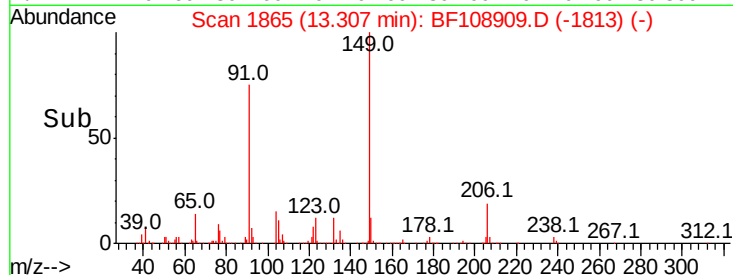
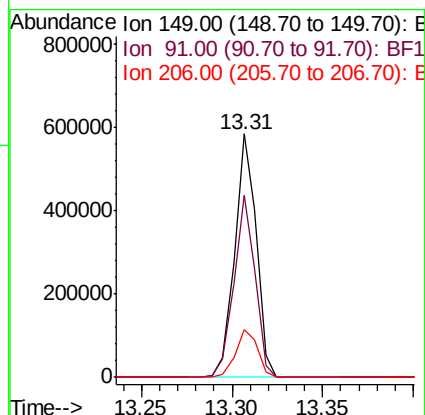
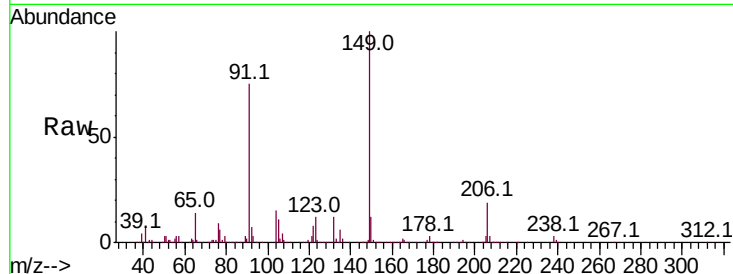
#79
Butylbenzylphthalate
Concen: 37.225 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484341		
91	75.1	56.8	85.2	
206	19.4	14.1	21.1	

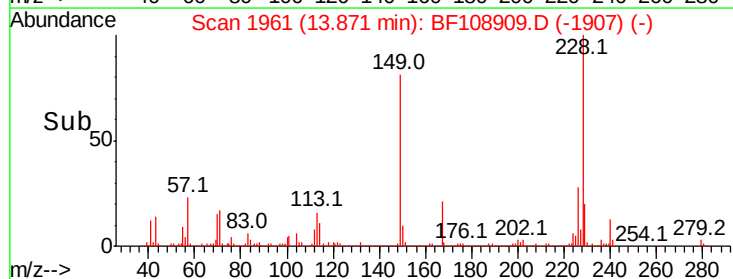
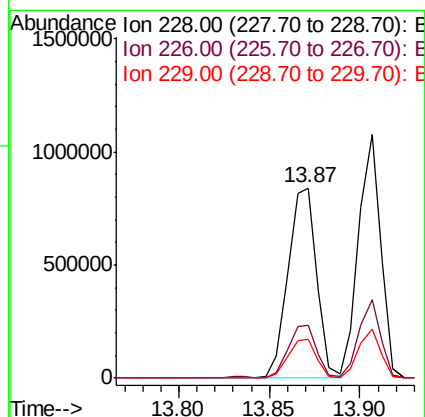
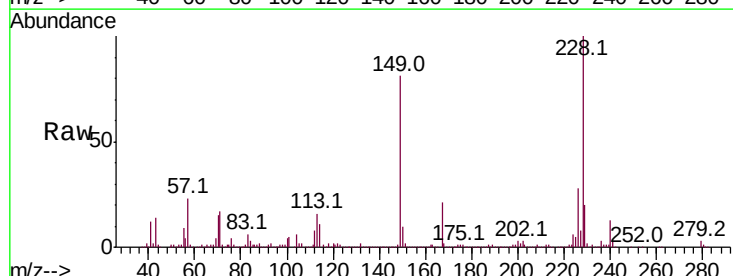
Manual Integrations
APPROVED

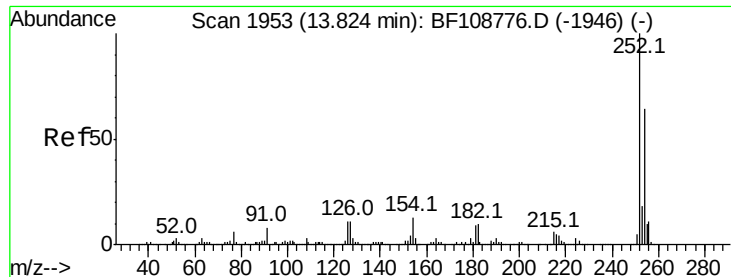
Sohil
9/11/2018 9:34:23 AM



#80
Benzo(a)anthracene
Concen: 38.652 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.02 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	930239		
226	27.5	22.6	33.8	
229	20.3	15.8	23.6	





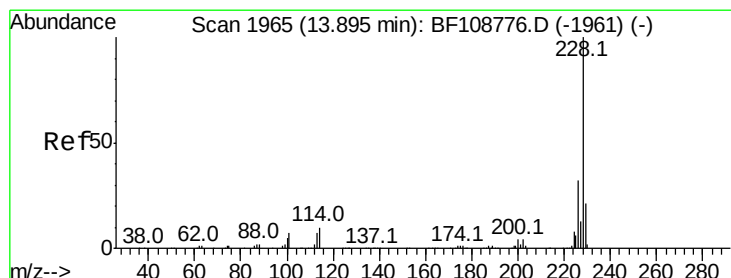
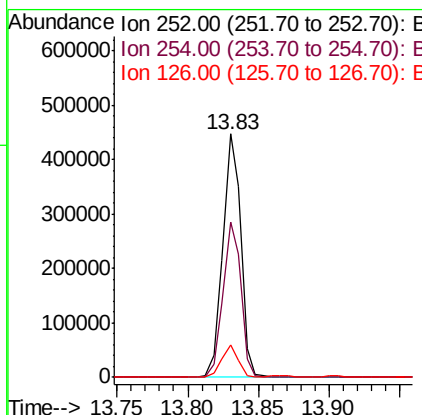
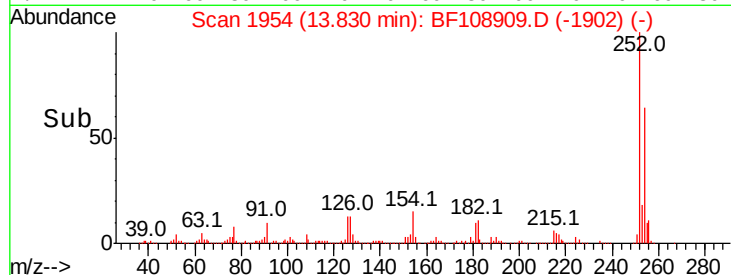
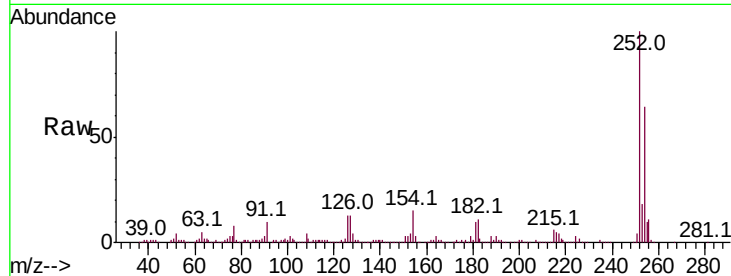
#81
 3,3'-Dichlorobenzidine
 Concen: 42.382 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	13.5	11.3	16.9

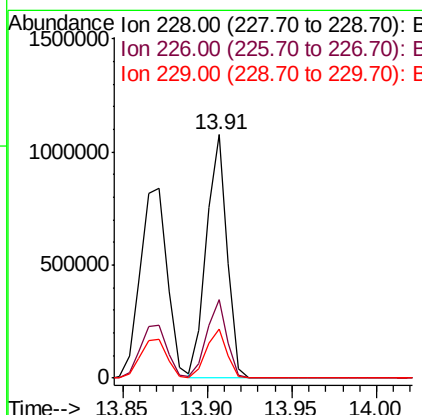
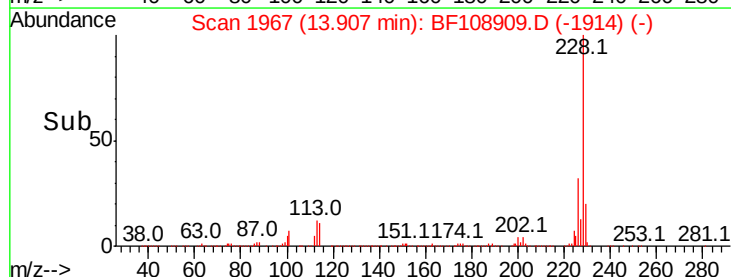
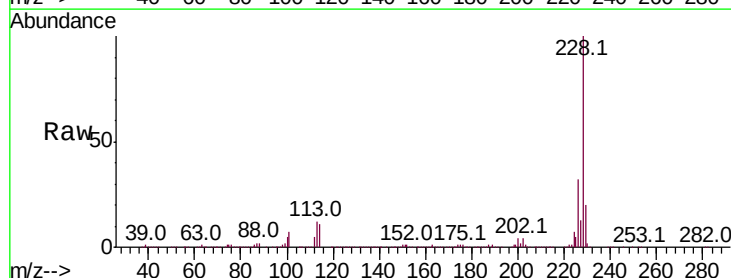
Manual Integrations
 APPROVED

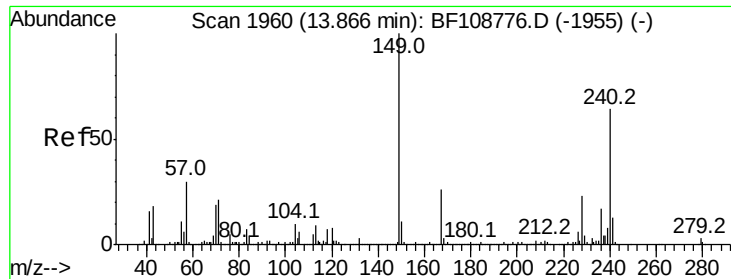
Sohil
 9/11/2018 9:34:23 AM



#82
 Chrysene
 Concen: 39.346 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.4	16.2	24.4





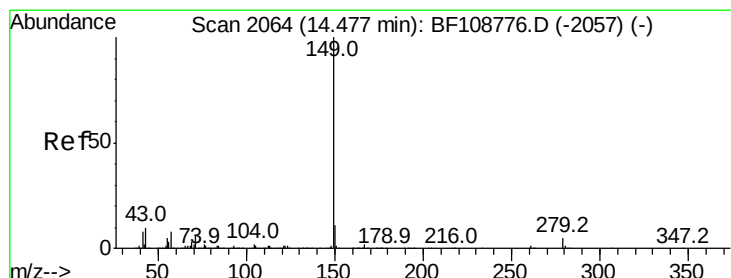
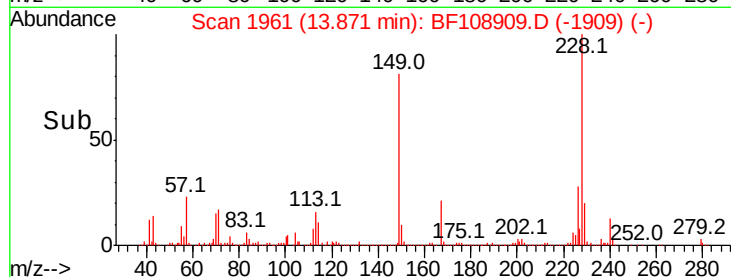
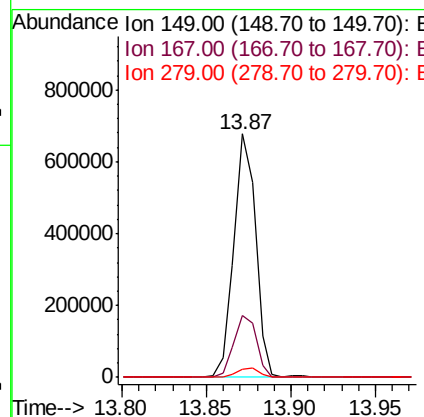
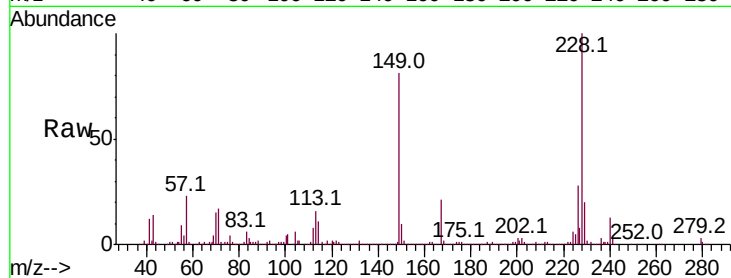
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.094 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	606517		
167	25.5	21.3	31.9	
279	3.4	3.0	4.4	

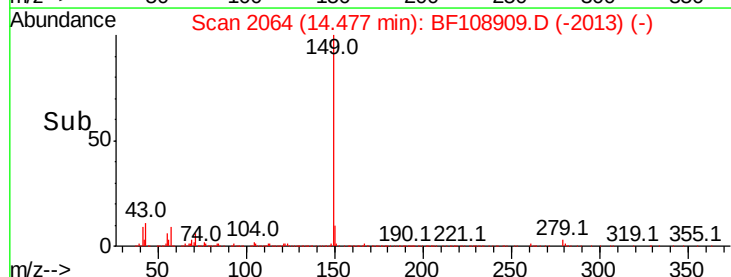
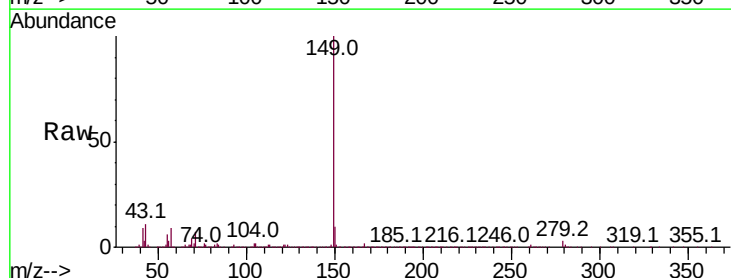
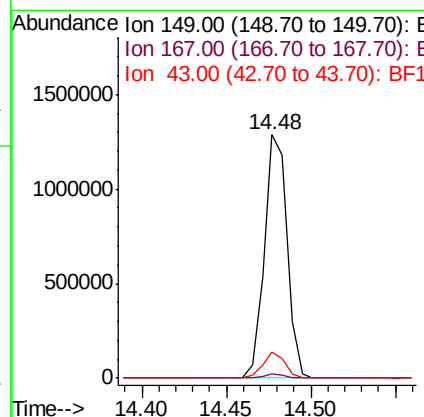
Manual Integrations
 APPROVED

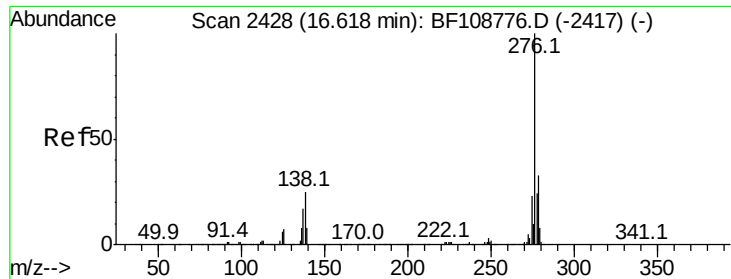
Sohil
 9/11/2018 9:34:23 AM



#84
 Di-n-octyl phthalate
 Concen: 44.075 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1201475		
167	1.5	1.2	1.8	
43	10.0	8.4	12.6	





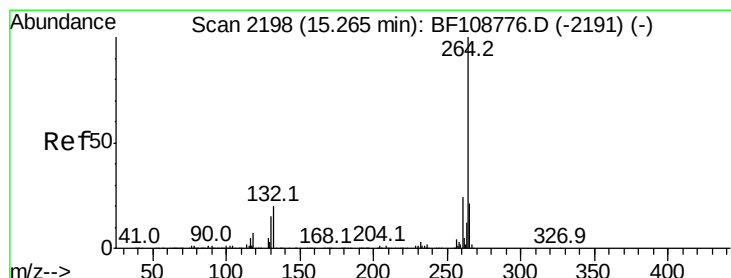
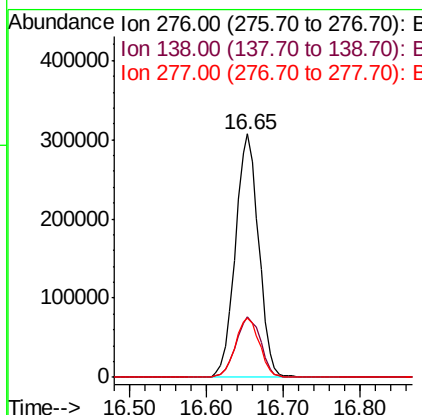
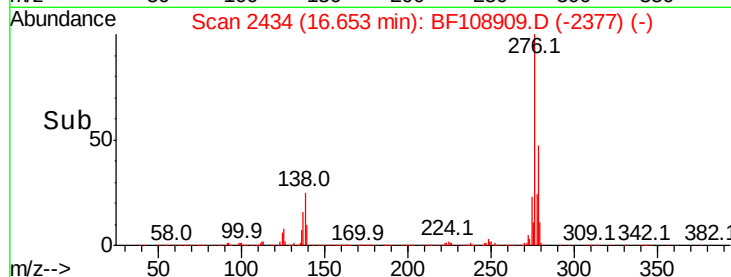
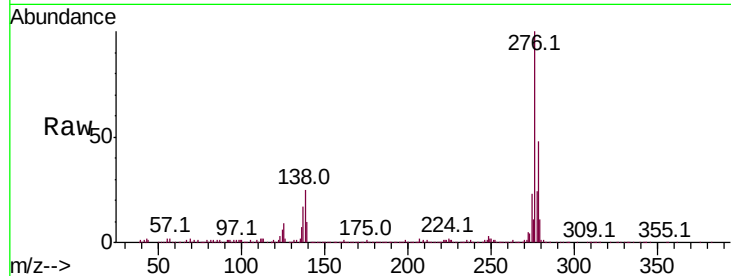
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.650 ng
 RT: 16.65 min Scan# 2434
 Delta R.T. 0.04 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	25.0	20.1	30.1

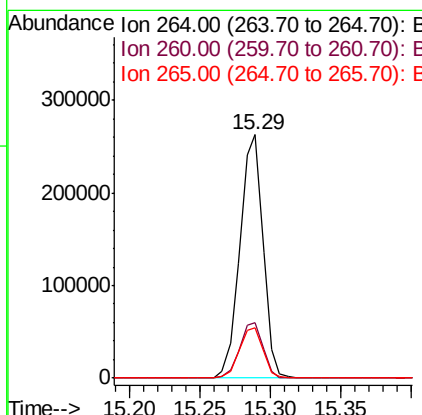
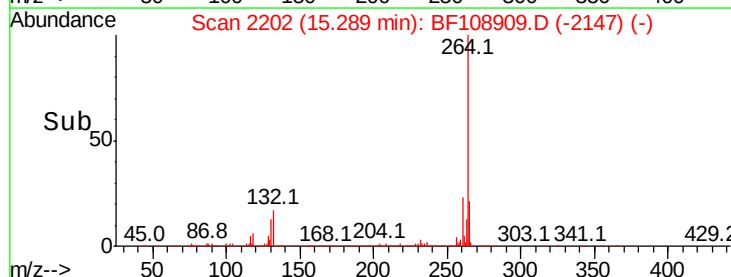
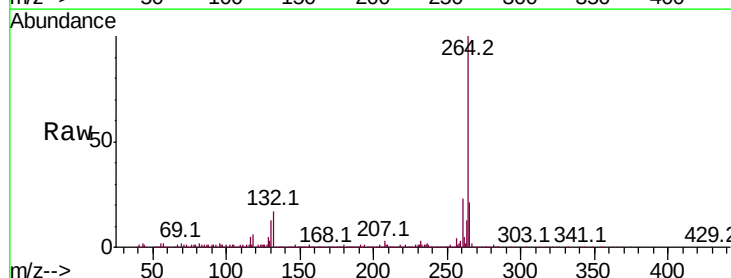
Manual Integrations
 APPROVED

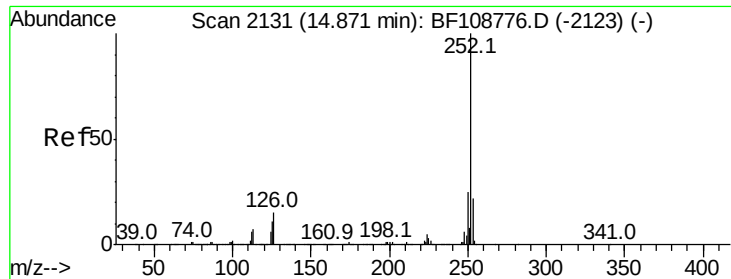
Sohil
 9/11/2018 9:34:23 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2202
 Delta R.T. 0.02 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	17.5	26.3





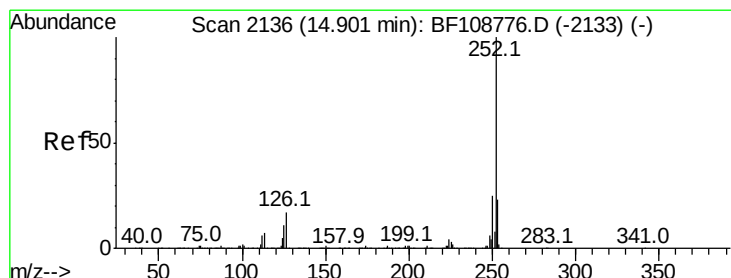
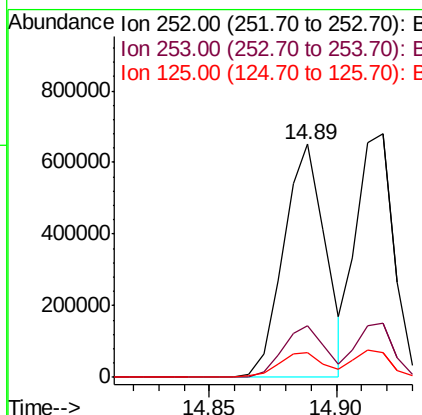
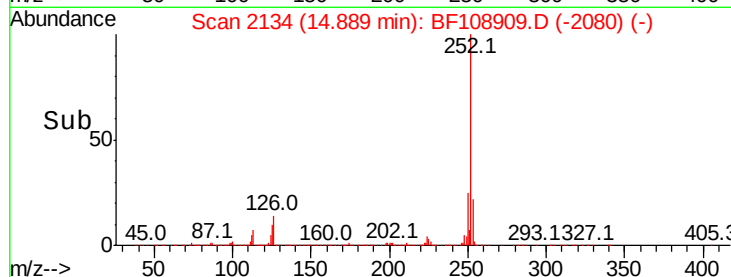
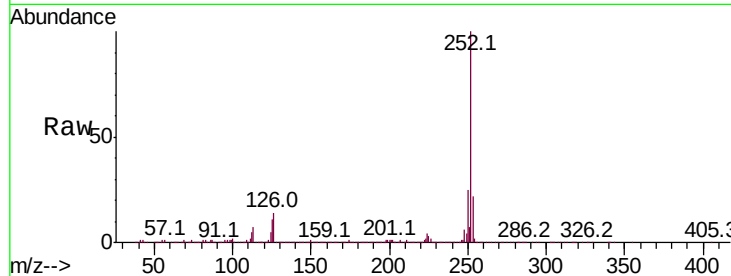
#87
Benzo(b)fluoranthene
Concen: 45.619 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.6	9.0	13.6

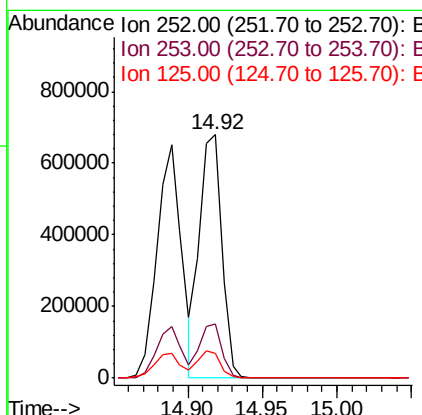
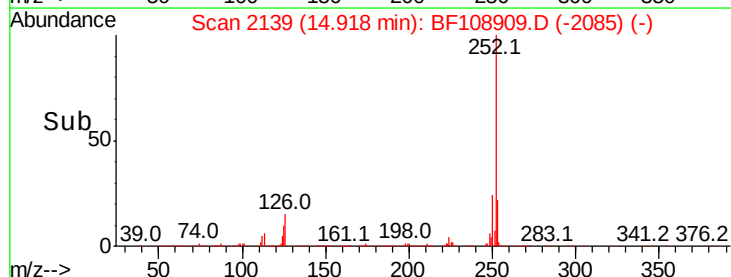
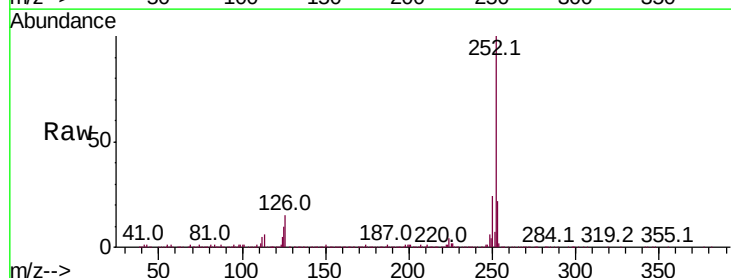
Manual Integrations
APPROVED

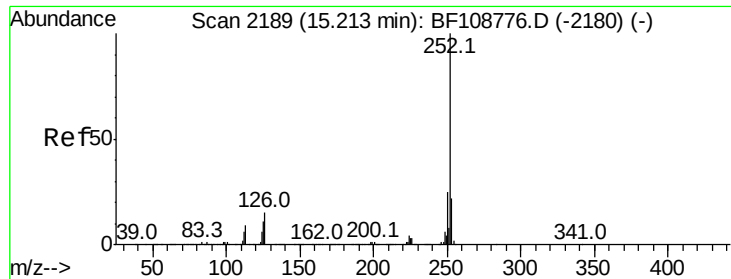
Sohil
9/11/2018 9:34:23 AM



#88
Benzo(k)fluoranthene
Concen: 46.471 ng
RT: 14.92 min Scan# 2139
Delta R.T. 0.02 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.2	10.2	15.2





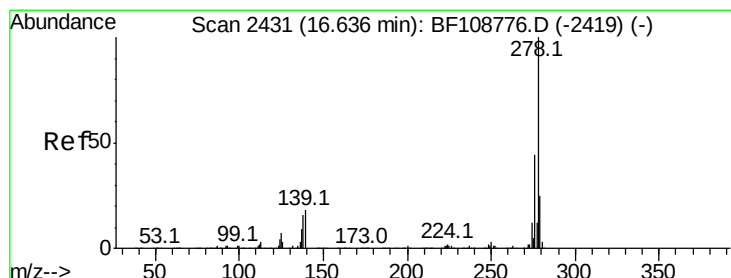
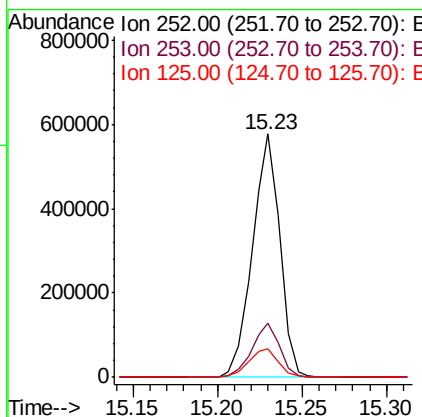
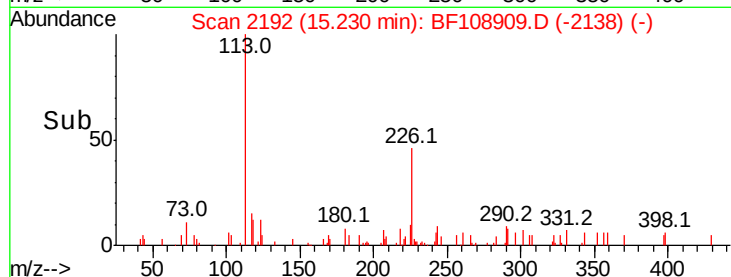
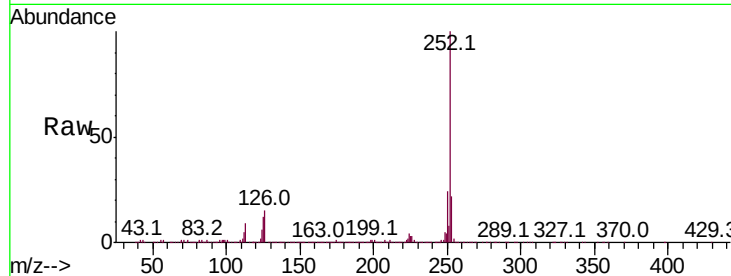
#89
Benzo(a)pyrene
Concen: 44.264 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.7	9.8	14.6

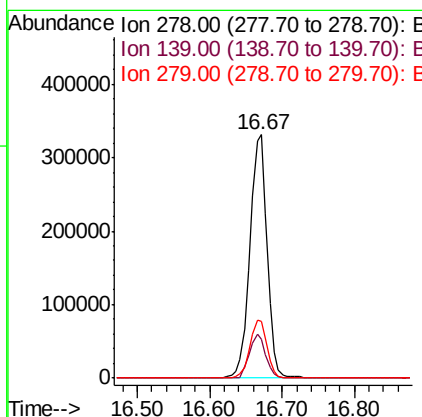
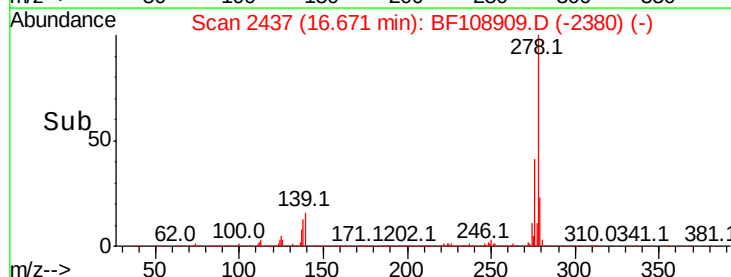
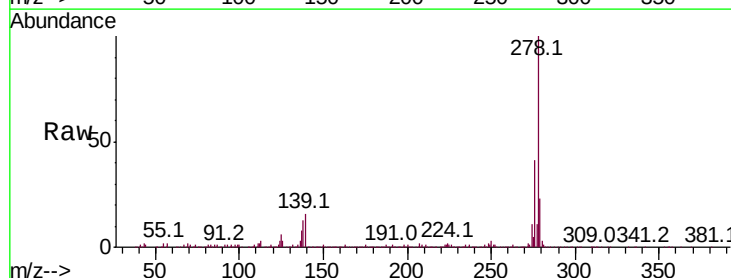
Manual Integrations
APPROVED

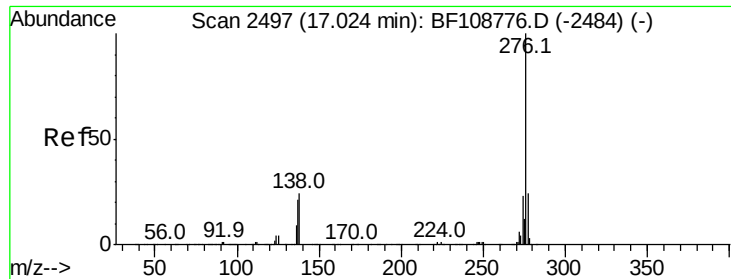
Sohil
9/11/2018 9:34:23 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.135 ng
RT: 16.67 min Scan# 2437
Delta R.T. 0.04 min
Lab File: BF108909.D
Acq: 10 Sep 2018 22:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.9	23.9#
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.533 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108909.D
 Acq: 10 Sep 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:23 AM

