

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108825.D
 Acq On : 6 Sep 2018 16:08
 Operator : JU/SJ
 Sample : PB112638BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:46 AM

Quant Time: Sep 06 16:50:16 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	305979	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1265572	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	618591	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	1155799	20.00	ng	0.00
75) Chrysene-d12	13.88	240	721139	20.00	ng	0.01
86) Perylene-d12	15.28	264	698963	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1856432	100.51	ng	0.03
7) Phenol-d6	6.38	99	2416161	101.67	ng	0.01
23) Nitrobenzene-d5	7.30	82	1541254	76.21	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	629849	106.66	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2720136	75.02	ng	0.00
78) Terphenyl-d14	12.83	244	2485063	80.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	350978	39.541	ng	94
3) Pyridine	3.28	79	984611	40.504	ng	90
4) n-Nitrosodimethylamine	3.22	42	420871	45.078	ng	89
6) Aniline	6.40	93	952826	29.811	ng	98
8) 2-Chlorophenol	6.52	128	835800	40.883	ng	99
9) Benzaldehyde	6.28	77	450868	26.744	ng	98
10) Phenol	6.39	94	1037518	38.118	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	843121	38.668	ng	97
12) 1,3-Dichlorobenzene	6.68	146	907578	38.903	ng	98
13) 1,4-Dichlorobenzene	6.75	146	909475	38.983	ng	99
14) 1,2-Dichlorobenzene	6.91	146	843117	39.208	ng	99
15) Benzyl Alcohol	6.88	79	740390	40.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1306219	40.076	ng	96
17) 2-Methylphenol	7.00	107	730614	42.289	ng	98
18) Hexachloroethane	7.25	117	349728	41.574	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	634390	38.405	ng	97
20) 3+4-Methylphenols	7.15	107	824439	40.737	ng	# 69
22) Acetophenone	7.15	105	1155907	40.244	ng	# 90
24) Nitrobenzene	7.32	77	917113	42.266	ng	100
25) Isophorone	7.57	82	1768748	43.848	ng	98
26) 2-Nitrophenol	7.64	139	431436	50.468	ng	98
27) 2,4-Dimethylphenol	7.68	122	813540	46.864	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	1116058	41.382	ng	99
29) 2,4-Dichlorophenol	7.88	162	741746	41.438	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	753411	38.838	ng	96
31) Naphthalene	8.04	128	2372096	41.661	ng	97
32) Benzoic acid	7.82	122	557750	48.780	ng	99
33) 4-Chloroaniline	8.09	127	640388	24.489	ng	97
34) Hexachlorobutadiene	8.17	225	440642	38.023	ng	100
35) Caprolactam	8.46	113	243724m	40.182	ng	
36) 4-Chloro-3-methylphenol	8.58	107	773906	40.585	ng	97
37) 2-Methylnaphthalene	8.73	142	1647791	43.806	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	678958	36.717	ng	99
40) Hexachlorocyclopentadiene	8.90	237	870733	93.600	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108825.D
 Acq On : 6 Sep 2018 16:08
 Operator : JU/SJ
 Sample : PB112638BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

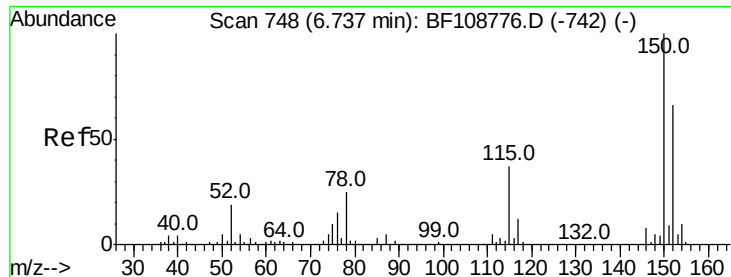
Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:46 AM

Quant Time: Sep 06 16:50:16 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	540809	42.938	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	544813	41.730	nq	98
45) 1,1'-Biphenyl	9.20	154	1881248	39.503	nq	98
46) 2-Chloronaphthalene	9.22	162	1489212	38.666	nq	99
47) 2-Nitroaniline	9.31	65	486629	46.250	nq	98
48) Acenaphthylene	9.64	152	2359129	41.093	nq	98
49) Dimethylphthalate	9.50	163	1723747	39.840	nq	98
50) 2,6-Dinitrotoluene	9.55	165	389751	47.275	nq	92
51) Acenaphthene	9.81	154	1537081	43.266	nq	97
52) 3-Nitroaniline	9.72	138	329093	33.534	nq	95
53) 2,4-Dinitrophenol	9.83	184	294312	95.184	nq	# 19
54) Dibenzofuran	9.98	168	1998763	38.596	nq	95
55) 4-Nitrophenol	9.89	139	642202	87.533	nq	97
56) 2,4-Dinitrotoluene	9.96	165	488000	46.285	nq	# 97
57) Fluorene	10.32	166	1449615	43.620	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	457610	43.464	nq	88
59) Diethylphthalate	10.20	149	1701026	38.097	nq	95
60) 4-Chlorophenyl-phenylether	10.31	204	700010	39.440	nq	95
61) 4-Nitroaniline	10.34	138	421402	47.399	nq	96
62) Azobenzene	10.47	77	1784582	38.721	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	195399	43.707	nq	88
65) n-Nitrosodiphenylamine	10.43	169	1476632	38.426	nq	97
66) 4-Bromophenyl-phenylether	10.80	248	499620	38.273	nq	# 86
67) Hexachlorobenzene	10.87	284	526599	37.789	nq	93
68) Atrazine	10.96	200	474438	38.566	nq	98
69) Pentachlorophenol	11.06	266	582173	68.332	nq	99
70) Phenanthrene	11.28	178	2191199	39.700	nq	98
71) Anthracene	11.32	178	2245051	42.483	nq	96
72) Carbazole	11.48	167	2012466	36.160	nq	98
73) Di-n-butylphthalate	11.82	149	2447330	39.599	nq	97
74) Fluoranthene	12.45	202	2271784	41.571	nq	98
76) Benzidine	12.57	184	1304551	38.168	nq	100
77) Pyrene	12.68	202	2258764	40.705	nq	97
79) Butylbenzylphthalate	13.31	149	1047551	41.921	nq	95
80) Benzo(a)anthracene	13.87	228	1873268	40.527	nq	97
81) 3,3'-Dichlorobenzidine	13.83	252	411891	22.872	nq	# 97
82) Chrysene	13.90	228	1827917	40.850	nq	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	1223359	38.956	nq	99
84) Di-n-octyl phthalate	14.48	149	2239042	42.766	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1477336	37.306	nq	96
87) Benzo(b)fluoranthene	14.88	252	1646646	43.325	nq	97
88) Benzo(k)fluoranthene	14.91	252	1527880	43.653	nq	98
89) Benzo(a)pyrene	15.22	252	1470619	42.883	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	1214781	40.200	nq	98
91) Benzo(g,h,i)perylene	17.05	276	1264103	41.780	nq	94

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



#1

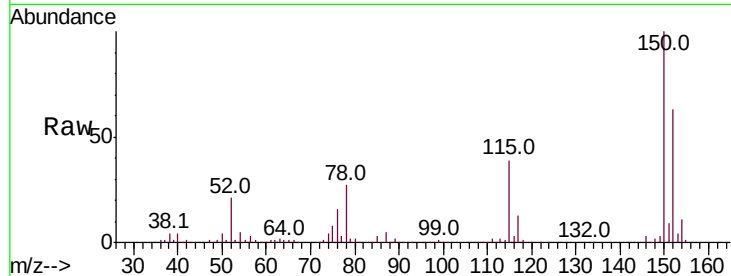
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM

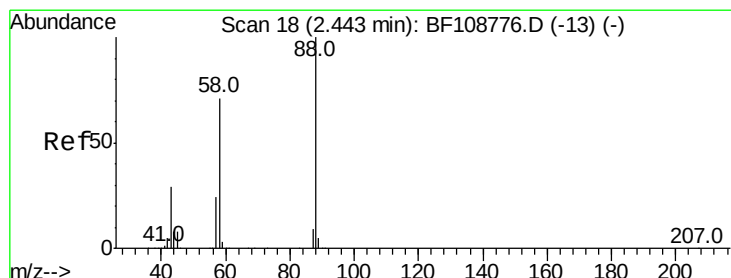
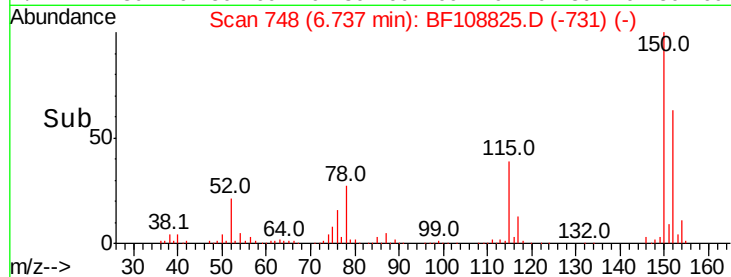
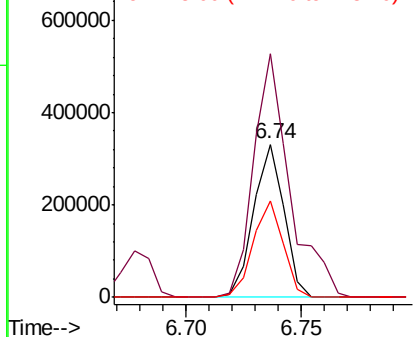


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

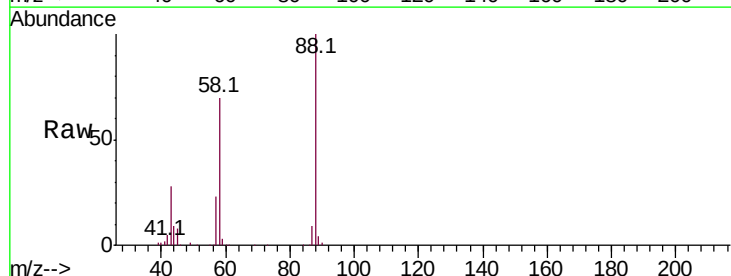
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.541 ng
RT: 2.58 min Scan# 42
Delta R.T. 0.14 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	62.6	93.8
43	28.1	24.6	37.0

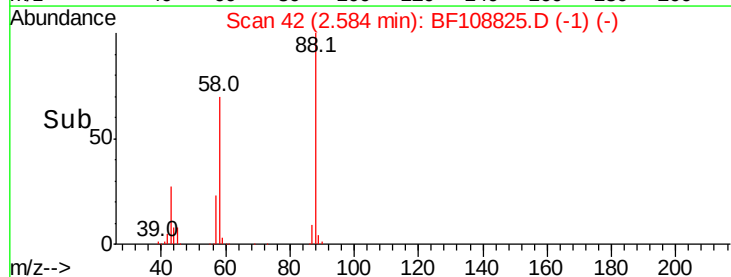
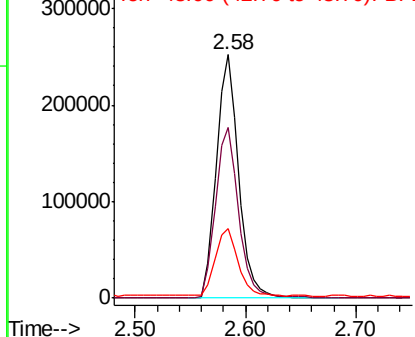


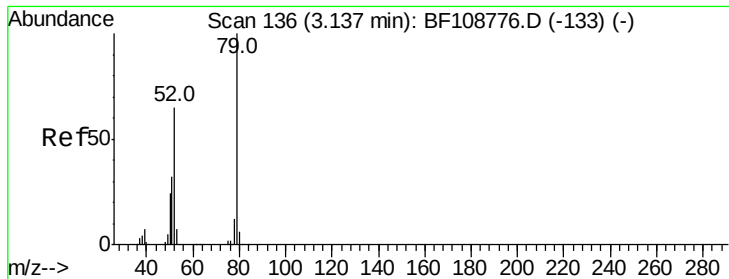
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





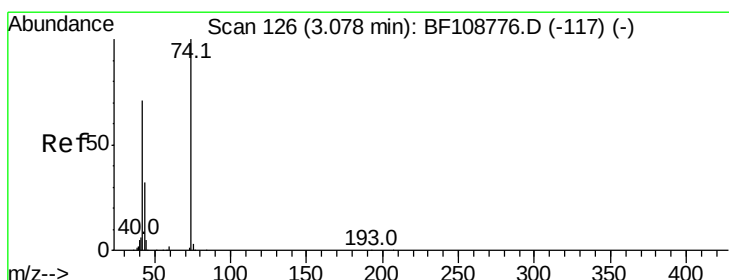
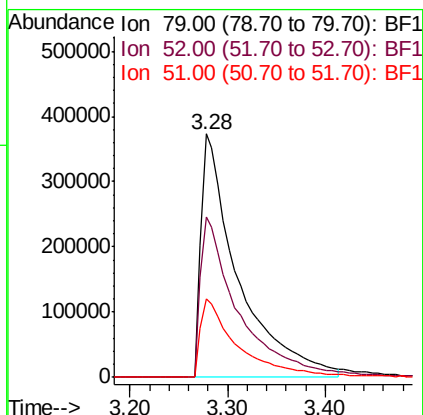
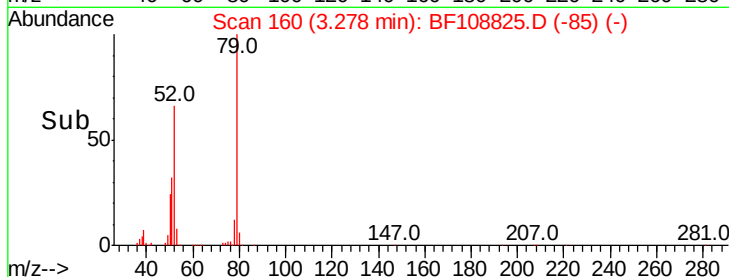
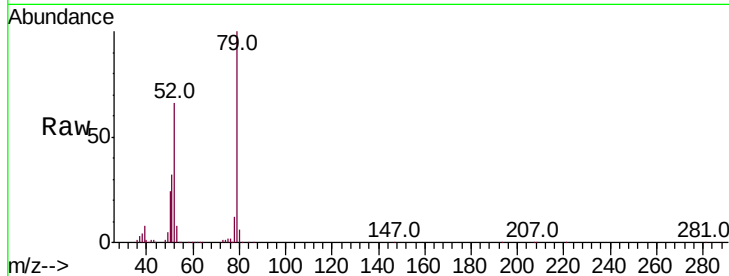
#3
Pvridine
Concen: 40.504 ng
RT: 3.28 min Scan# 160
Delta R.T. 0.14 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion:	79	Resp:	984611
Ion Ratio	Lower	Upper	
79	100		
52	65.7	59.8	89.6
51	32.1	29.8	44.8

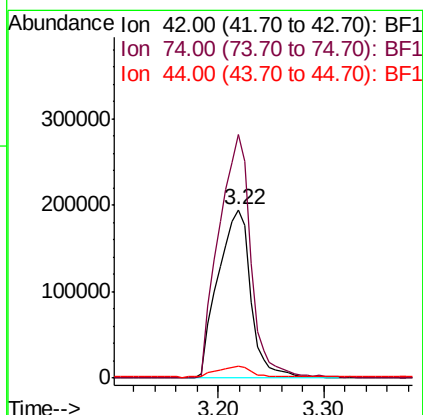
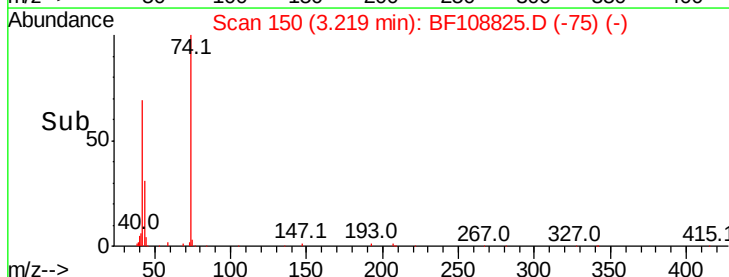
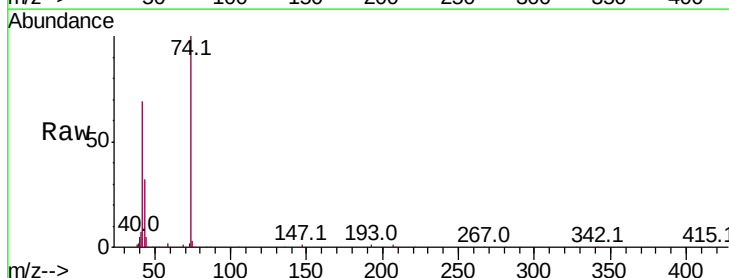
Manual Integrations
APPROVED

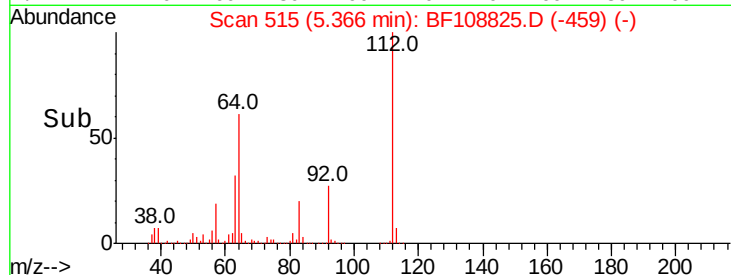
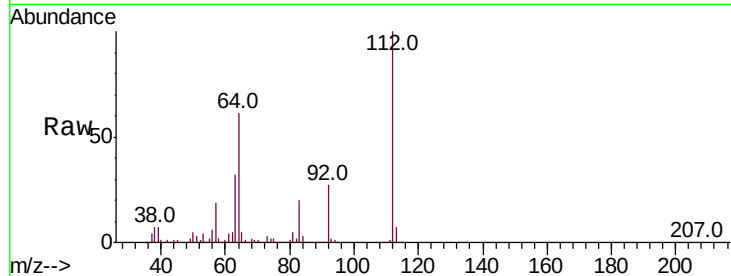
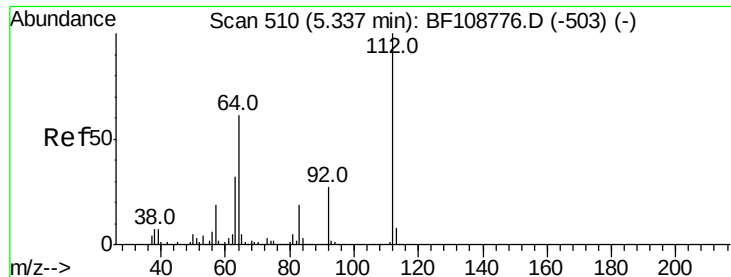
Sohil
9/7/2018 11:15:46 AM



#4
n-Nitrosodimethylamine
Concen: 45.078 ng
RT: 3.22 min Scan# 150
Delta R.T. 0.14 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:	42	Resp:	420871
Ion Ratio	Lower	Upper	
42	100		
74	144.7	104.9	157.3
44	7.0	6.9	10.3





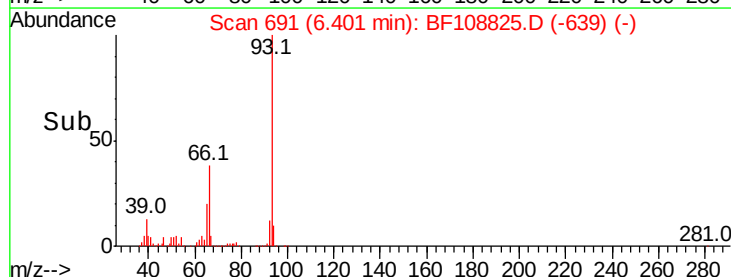
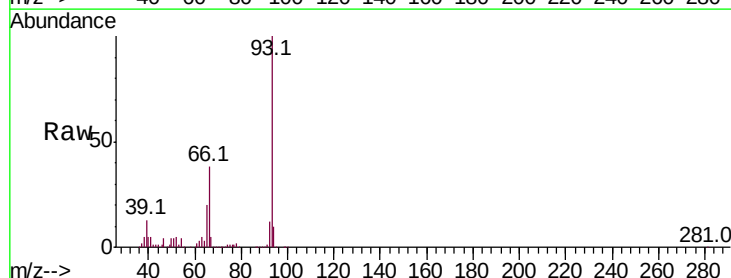
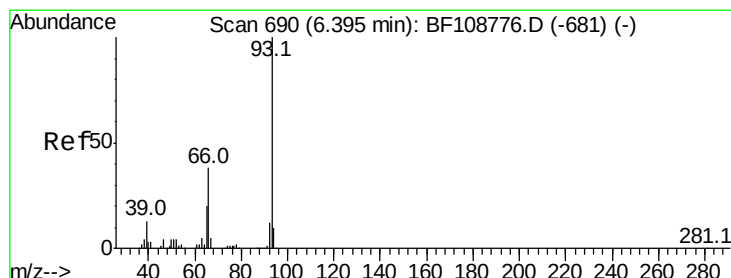
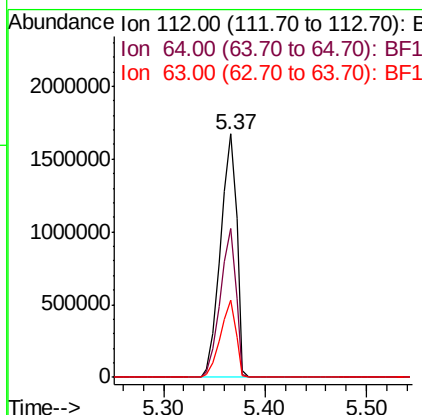
#5
2-Fluorophenol
Concen: 100.513 ng
RT: 5.37 min Scan# 515
Delta R.T. 0.03 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tot Ion: 112 Resp: 1856432
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 32.0 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
PB112638BS

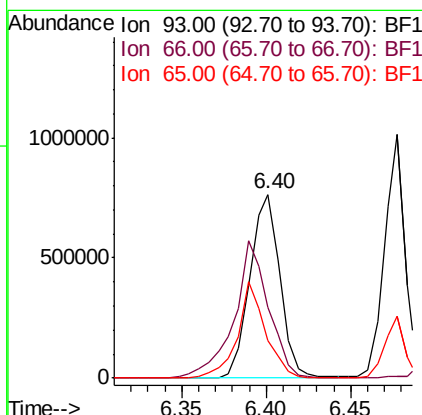
Manual Integrations
APPROVED

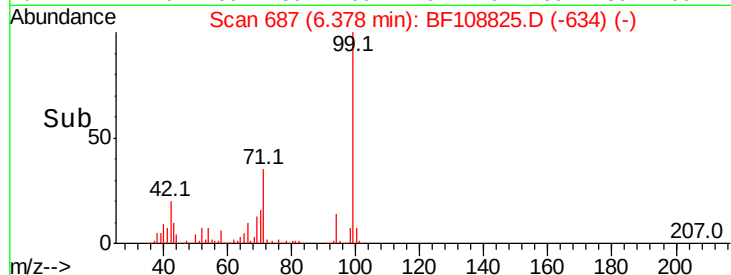
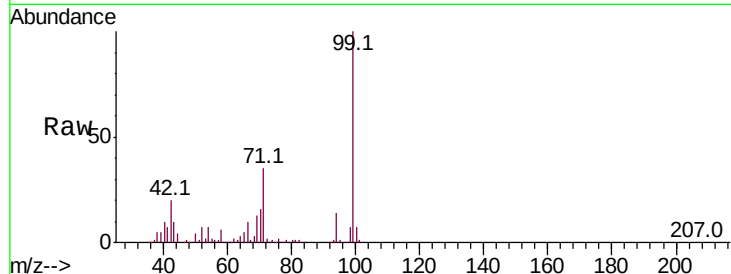
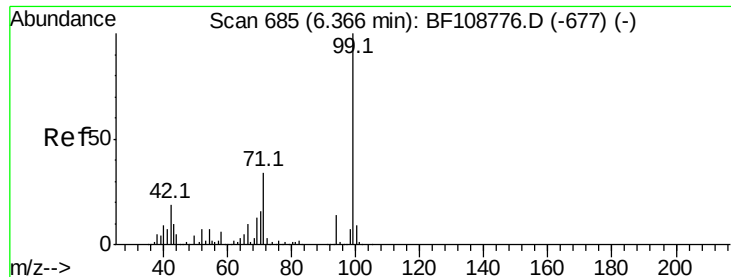
Sohil
9/7/2018 11:15:46 AM



#6
Aniline
Concen: 29.811 ng
RT: 6.40 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 93 Resp: 952826
Ion Ratio Lower Upper
93 100
66 38.4 32.2 48.2
65 20.3 16.4 24.6





#7

Phenol-d6

Concen: 101.673 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tot Ion:	99	Resp:	2416161
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.6	25.4	38.0

Instrument :

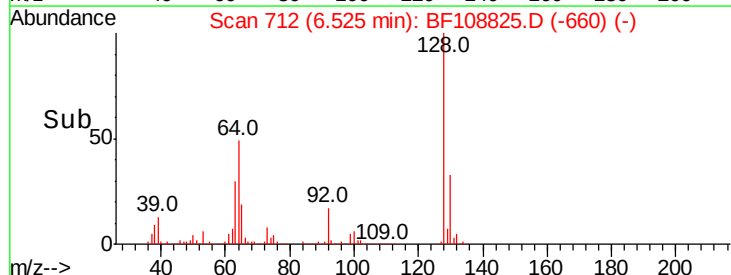
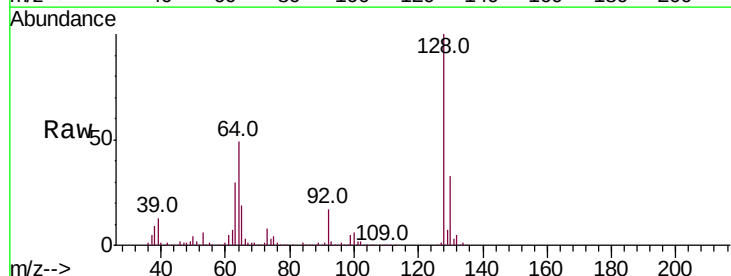
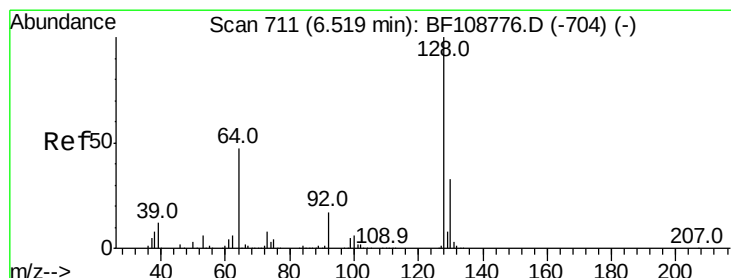
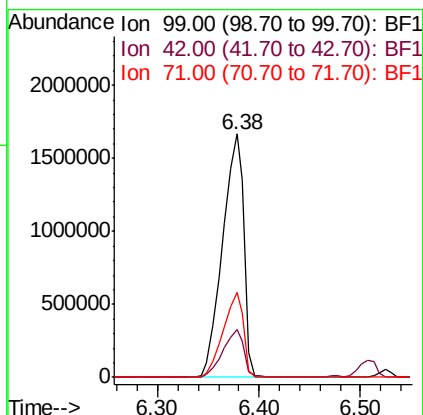
BNA_F

ClientSampled :

PB112638BS

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



#8

2-Chlorophenol

Concen: 40.883 ng

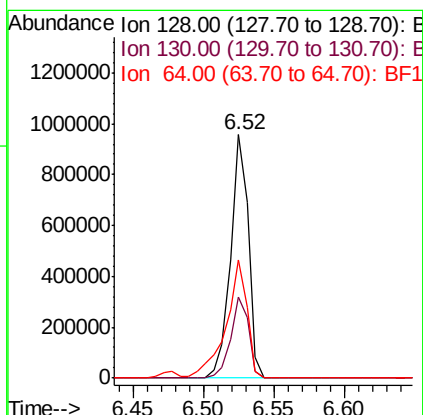
RT: 6.52 min Scan# 712

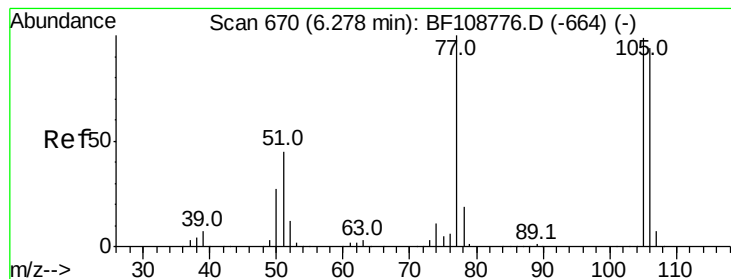
Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion:	128	Resp:	835800
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	48.7	29.4	69.4





#9

Benzaldehyde

Concen: 26.744 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

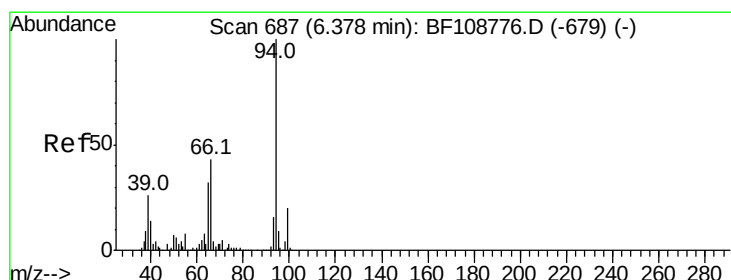
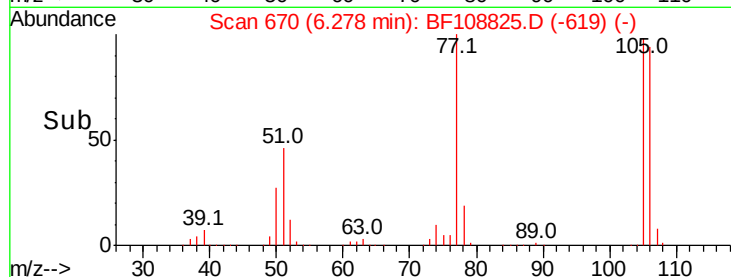
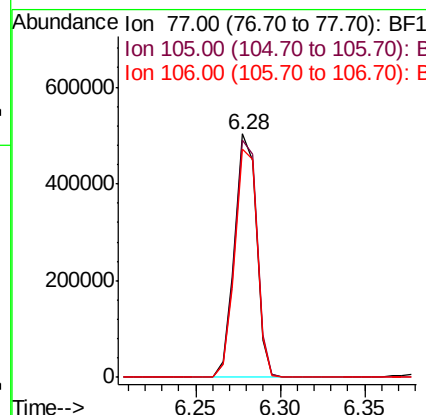
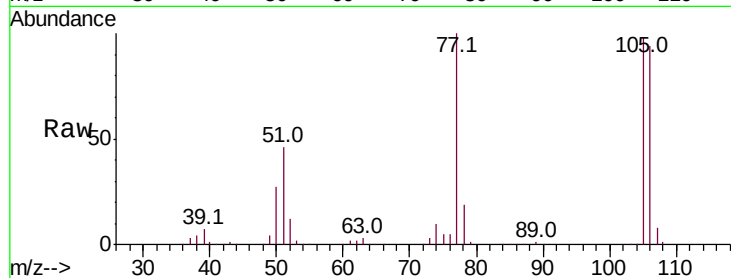
ClientSampleId :

PB112638BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.5	81.1	121.1
106	93.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



#10

Phenol

Concen: 38.118 ng

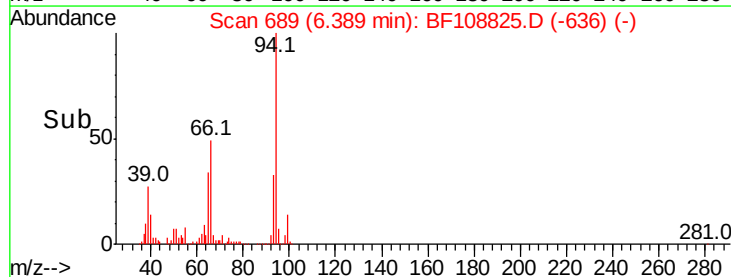
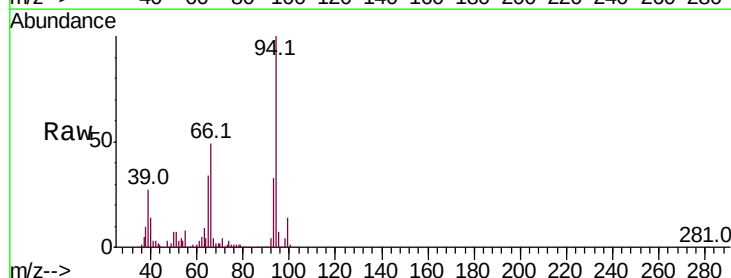
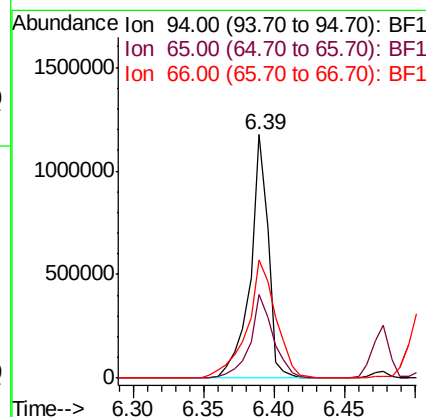
RT: 6.39 min Scan# 689

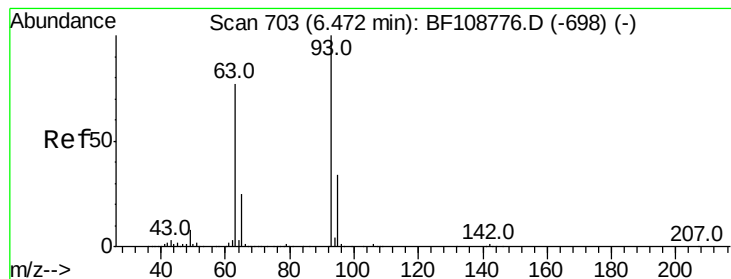
Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	7.9	47.9
66	48.6	16.2	56.2





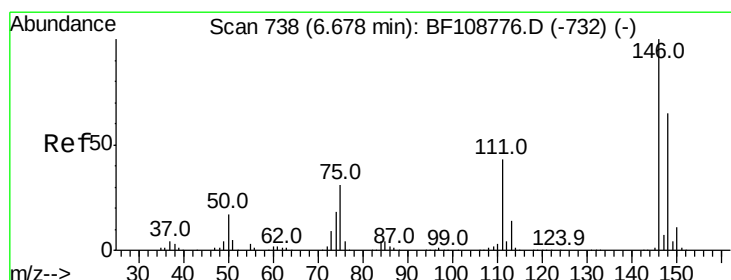
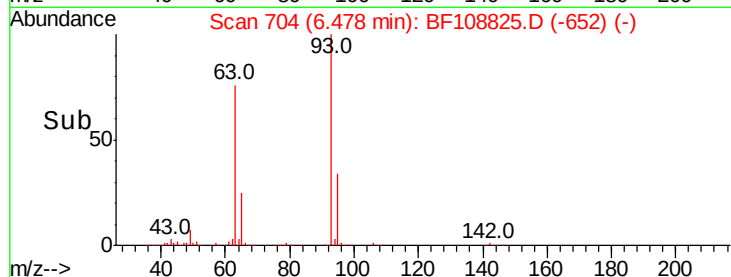
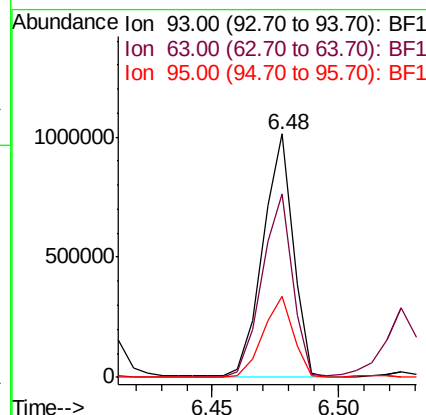
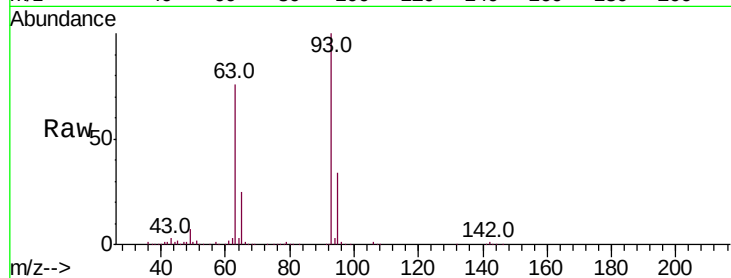
#11
bis(2-Chloroethyl)ether
Concen: 38.668 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	58.6	98.6
95	33.5	11.8	51.8

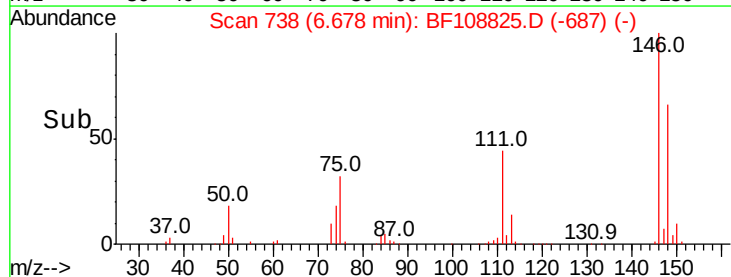
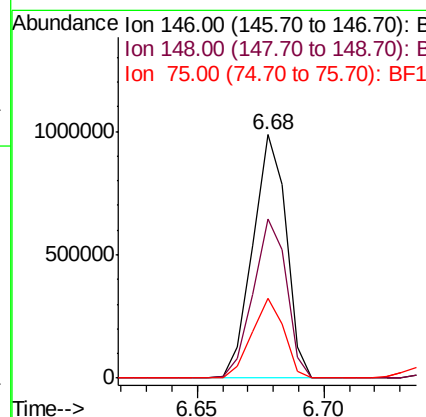
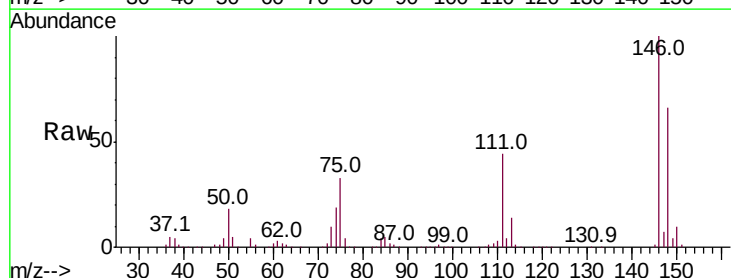
Manual Integrations
APPROVED

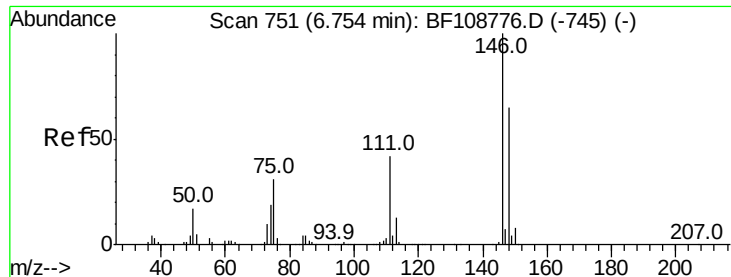
Sohil
9/7/2018 11:15:46 AM



#12
1,3-Dichlorobenzene
Concen: 38.903 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	32.7	24.2	36.4





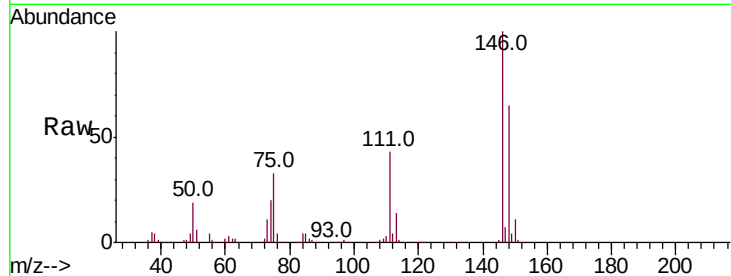
#13
 1,4-Dichlorobenzene
 Concen: 38.983 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	42.6	34.2	51.2

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:46 AM

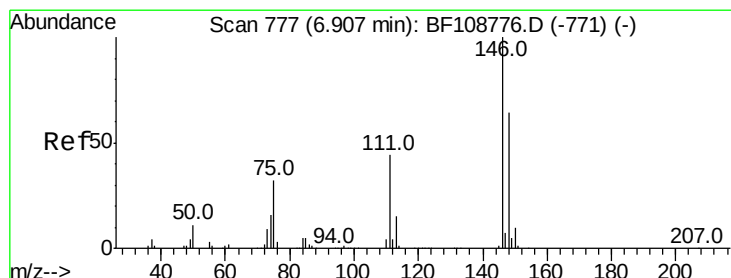
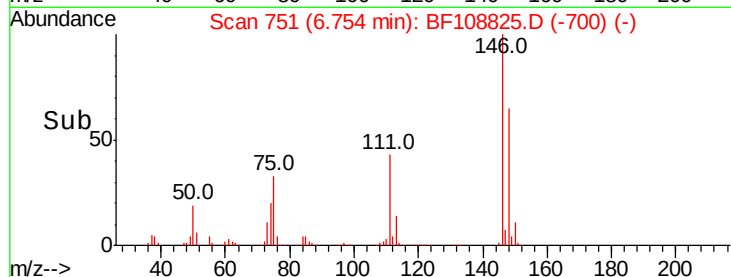
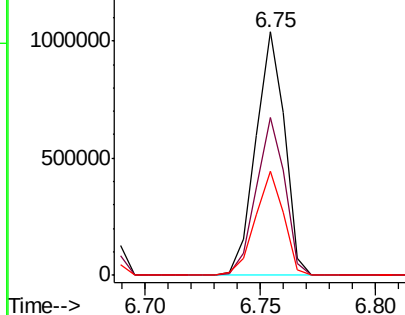


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.208 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

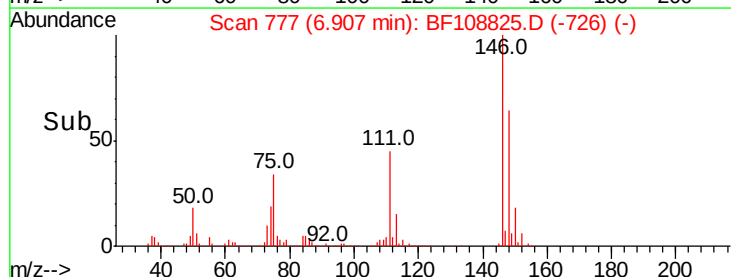
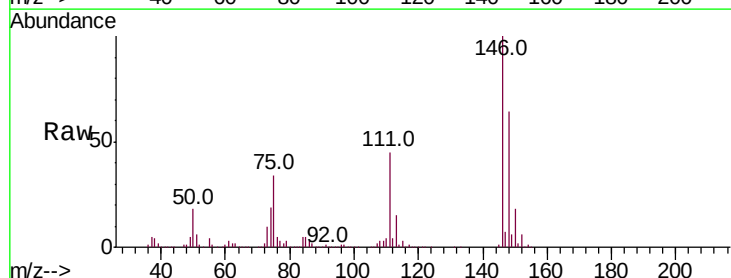
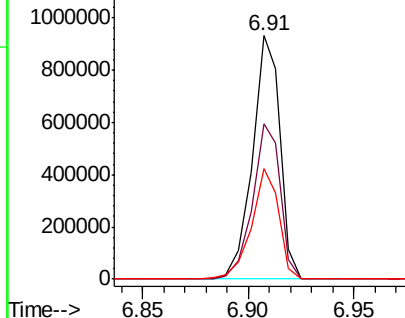
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	45.2	36.0	54.0

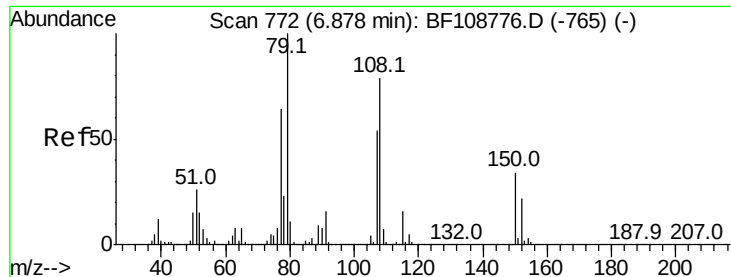
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.598 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

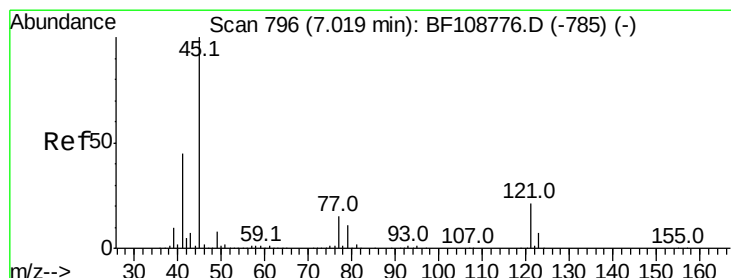
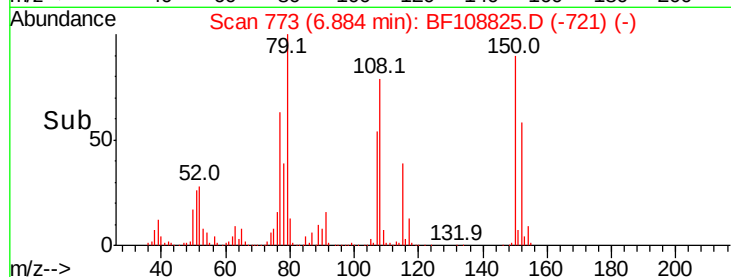
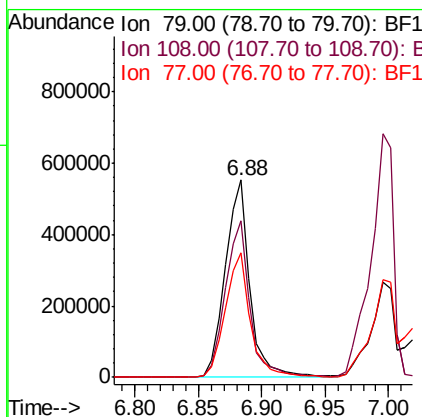
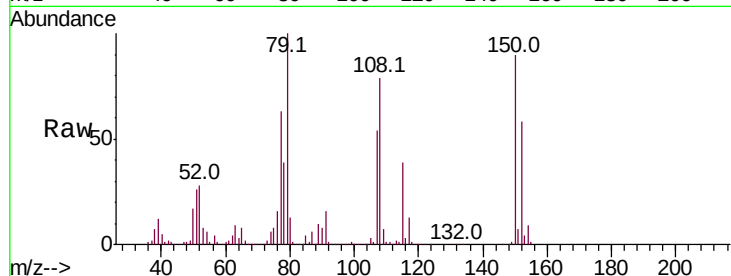
ClientSampled :

PB112638BS

Tot Ion:	79	Resp:	740390
Ion Ratio	Lower	Upper	
79	100		
108	79.5	65.1	97.7
77	63.3	50.6	75.8

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.076 ng

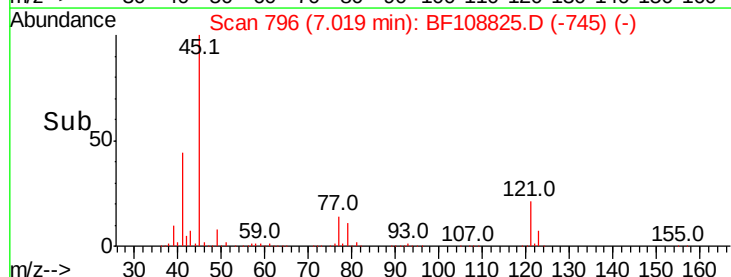
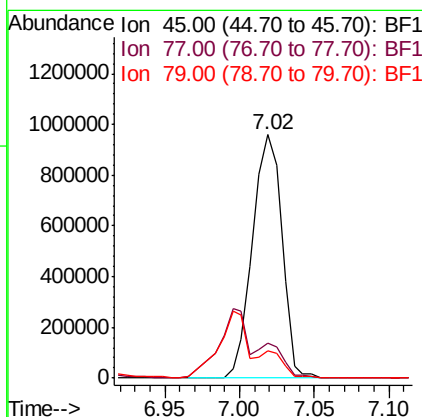
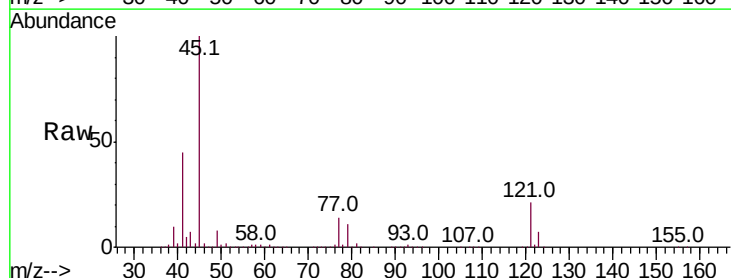
RT: 7.02 min Scan# 796

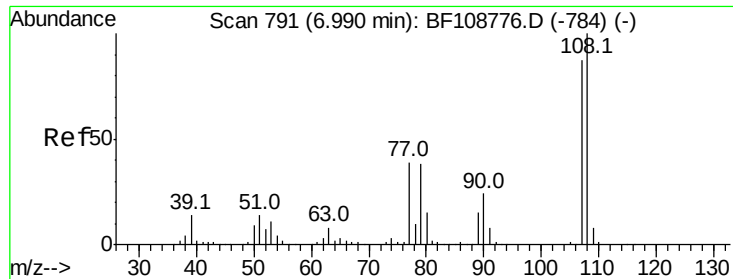
Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion:	45	Resp:	1306219
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	32.9
79	11.1	0.0	29.6





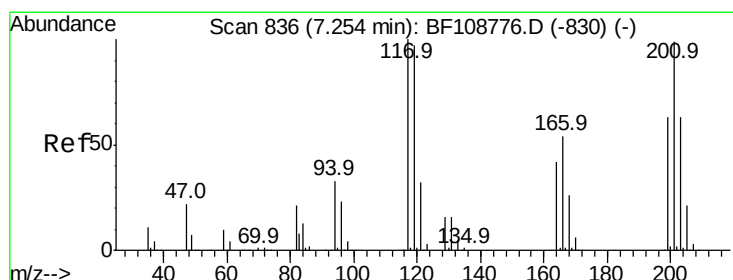
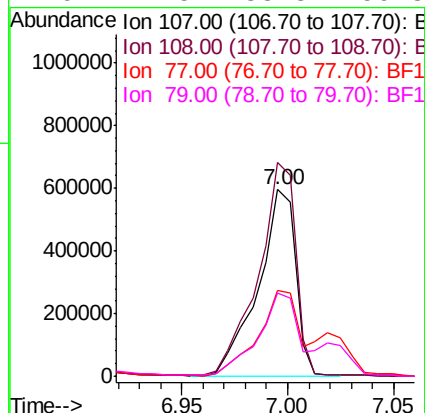
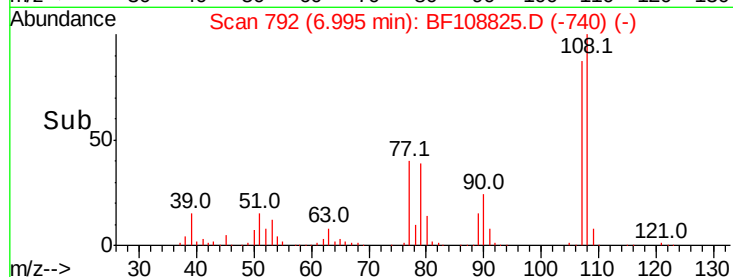
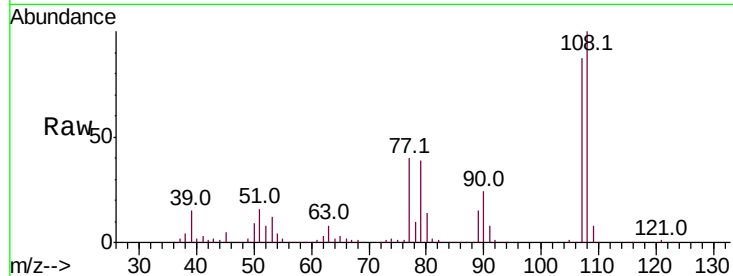
#17
2-Methylphenol
Concen: 42.289 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.7	137.5	
77	45.9	33.8	50.8	
79	44.5	33.8	50.8	

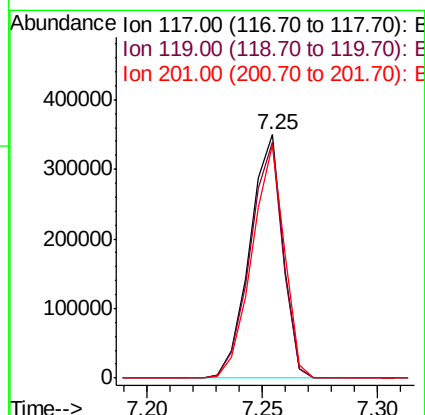
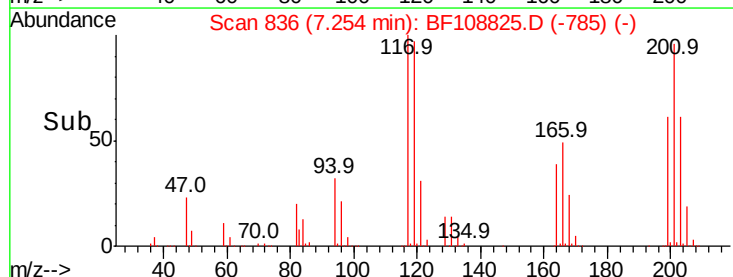
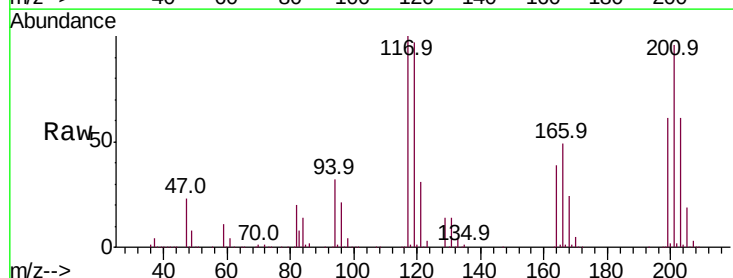
Manual Integrations
APPROVED

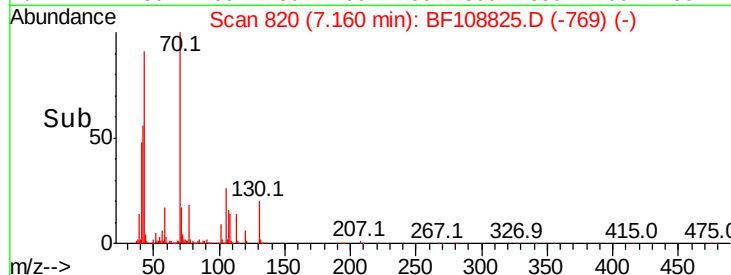
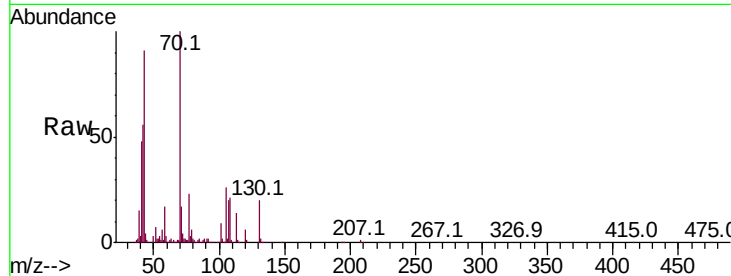
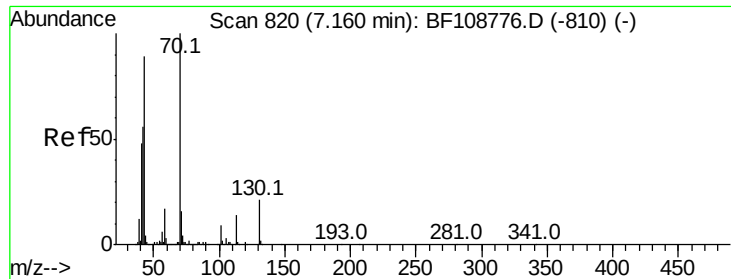
Sohil
9/7/2018 11:15:46 AM



#18
Hexachloroethane
Concen: 41.574 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	95.8	75.7	113.5	





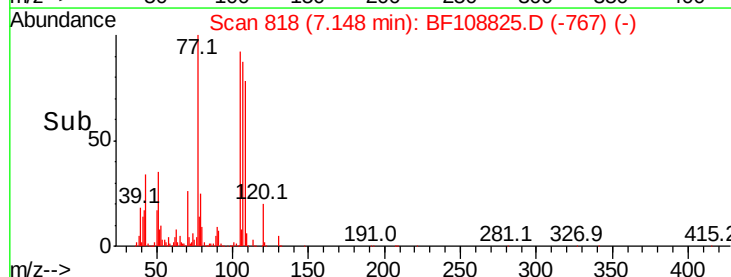
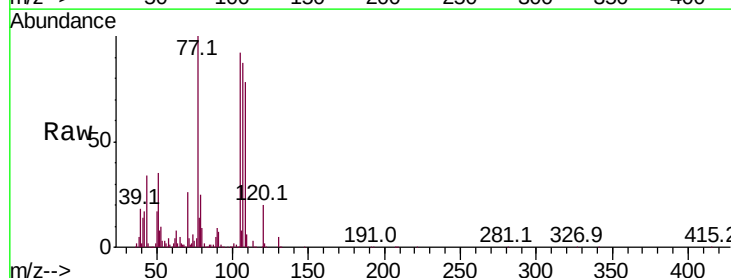
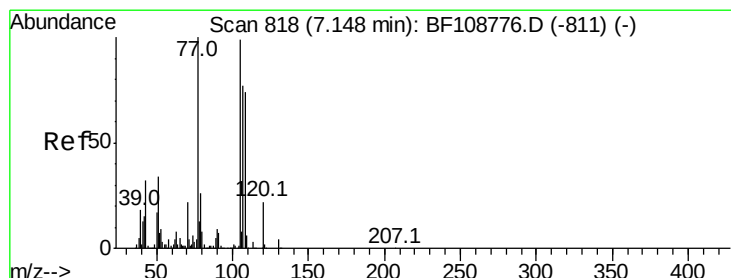
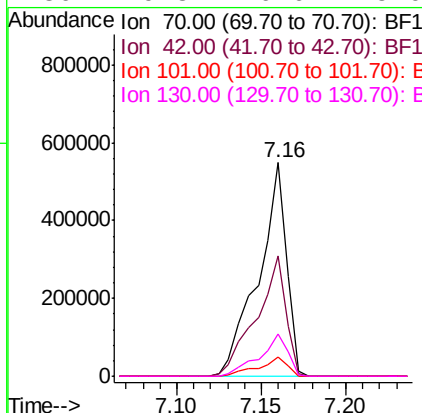
#19
n-Nitroso-di-n-propylamine
Concen: 38.405 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.4	47.5	71.3		
101	8.9	7.4	11.2		
130	19.8	16.6	25.0		

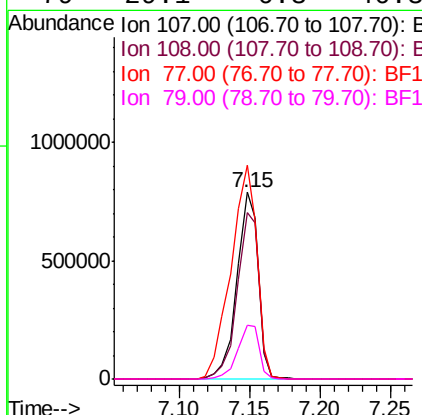
Manual Integrations
APPROVED

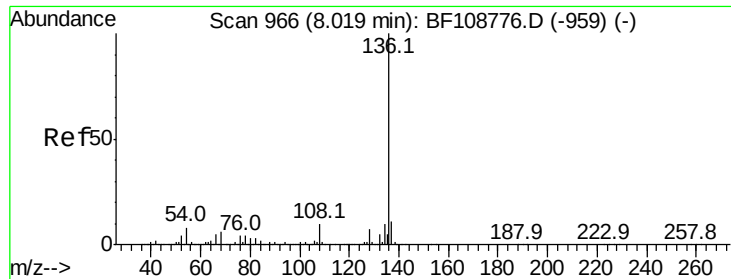
Sohil
9/7/2018 11:15:46 AM



#20
3+4-Methylphenols
Concen: 40.737 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	68.2	108.2		
77	114.4	26.7	66.7#		
79	29.1	6.3	46.3		





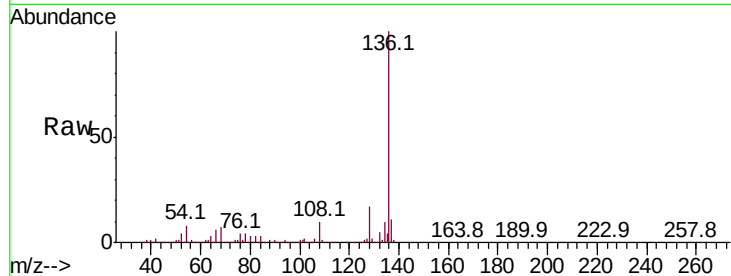
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	136	Resp	1265572
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	6.6	9.8
68	6.9	5.0	7.4

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



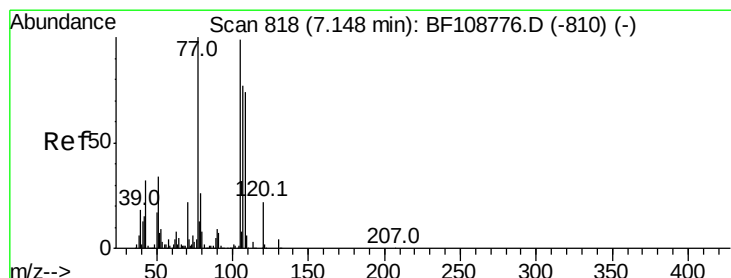
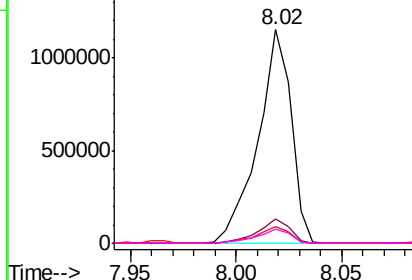
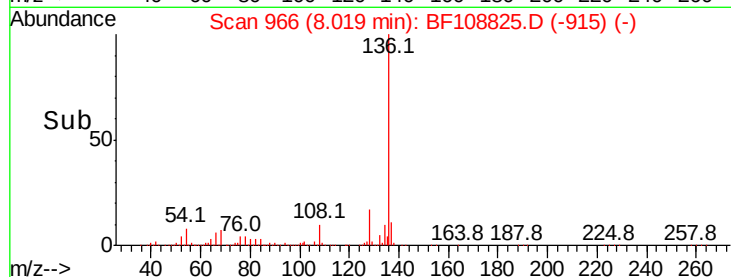
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

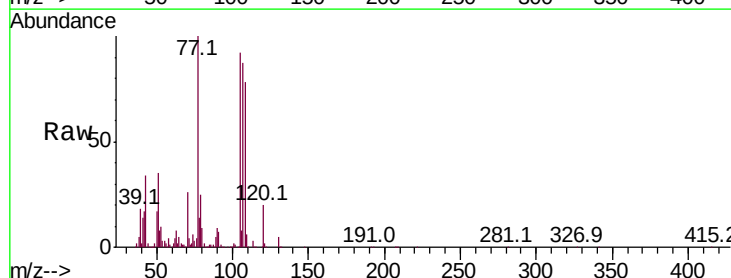
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.244 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	105	Resp	1155907
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	37.5	22.3	33.5#
120	21.8	16.9	25.3



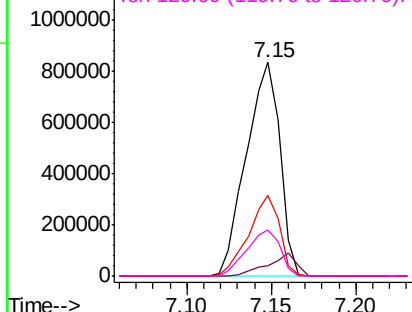
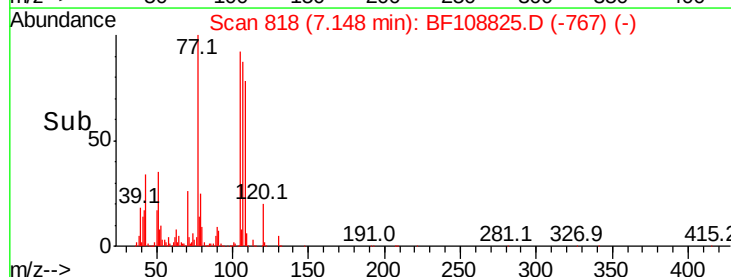
Abundance

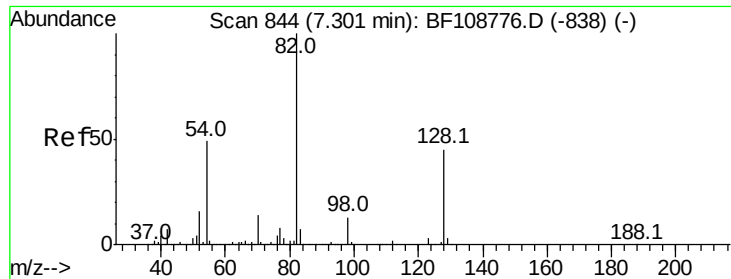
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





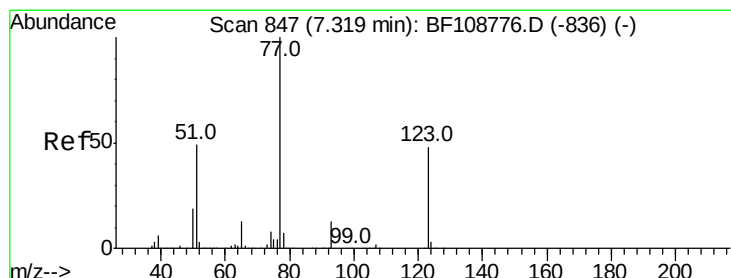
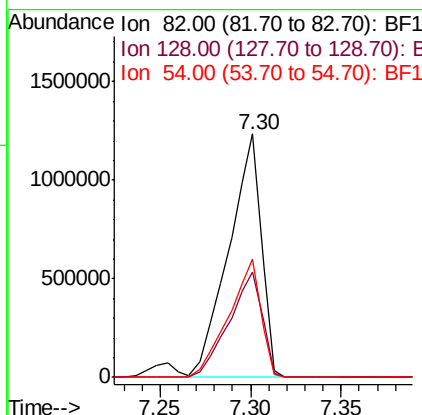
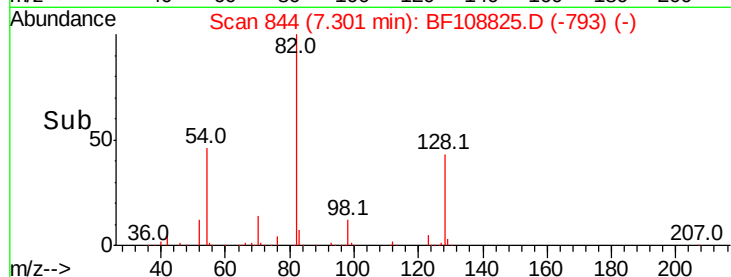
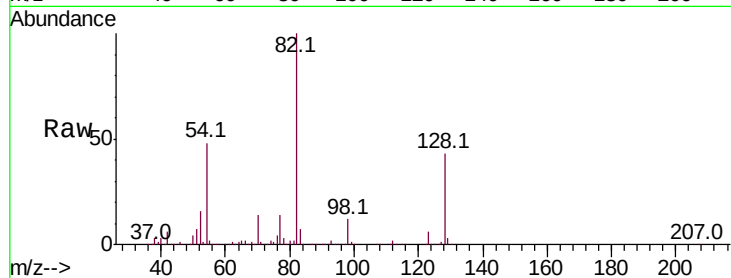
#23
Nitrobenzene-d5
Concen: 76.213 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion: 82 Resp: 1541254
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 48.4 41.4 62.2

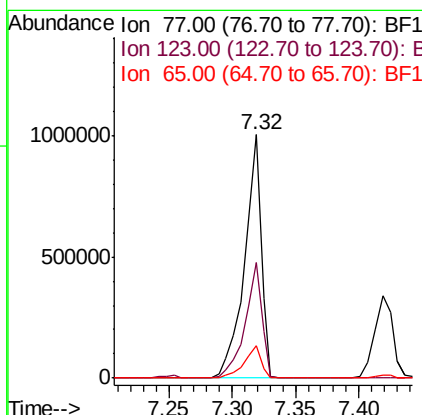
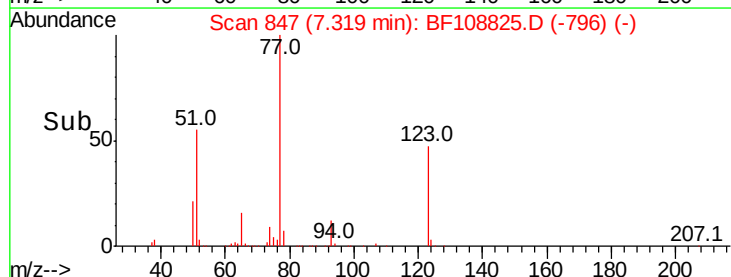
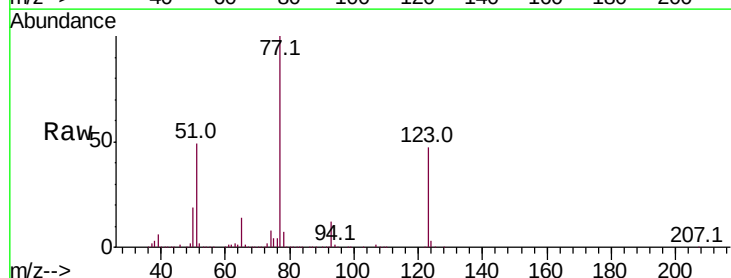
Manual Integrations
APPROVED

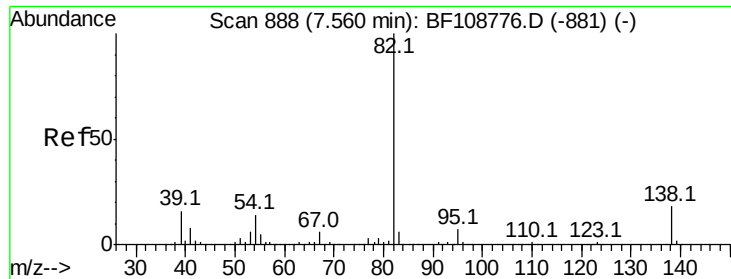
Sohil
9/7/2018 11:15:46 AM



#24
Nitrobenzene
Concen: 42.266 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 77 Resp: 917113
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.6 11.0 16.4





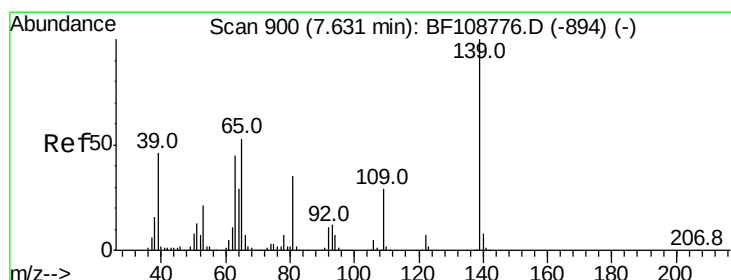
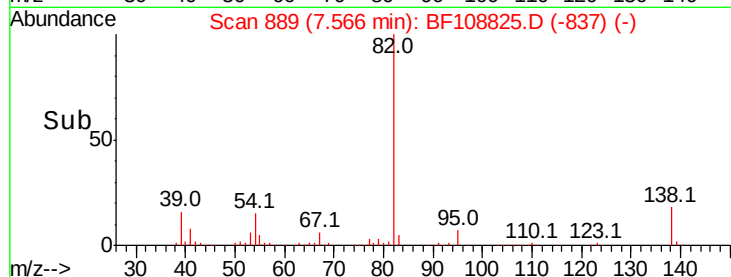
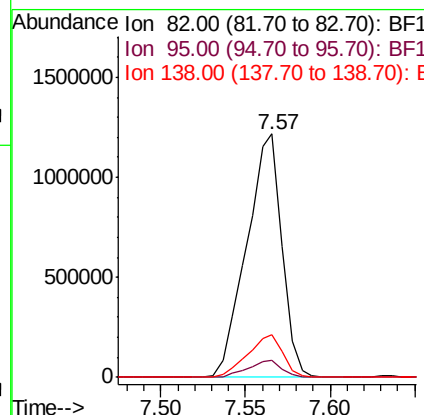
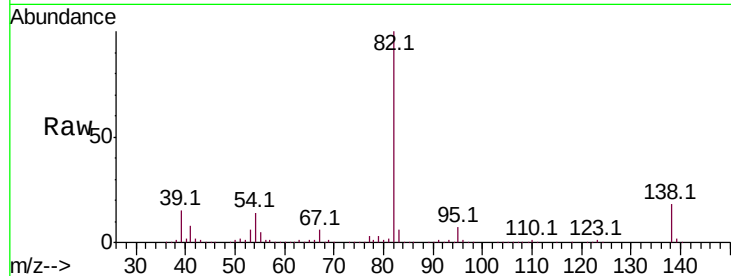
#25
Isophorone
Concen: 43.848 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion: 82 Resp: 1768748
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 17.7 14.9 22.3

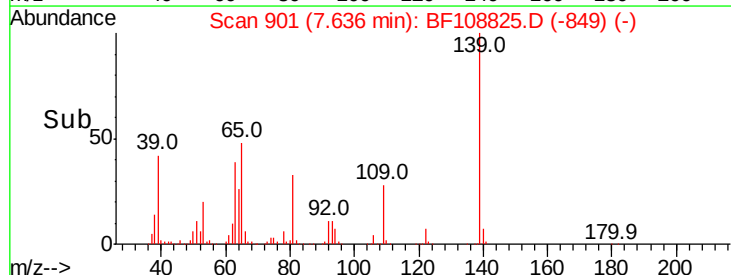
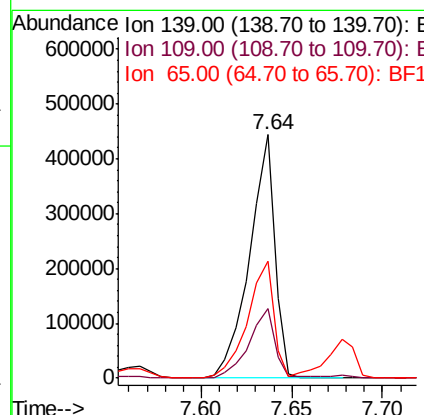
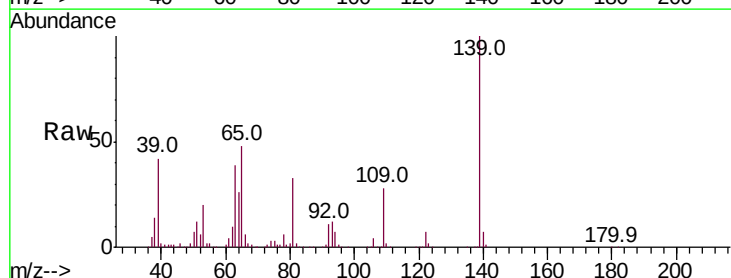
Manual Integrations
APPROVED

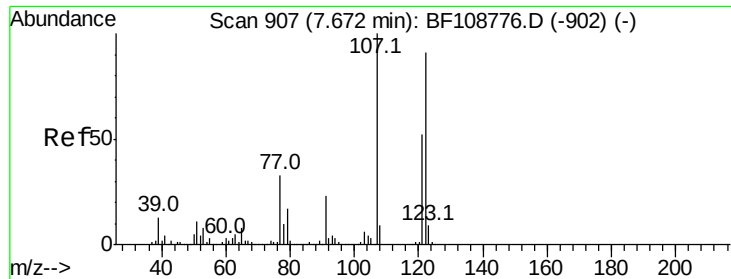
Sohil
9/7/2018 11:15:46 AM



#26
2-Nitrophenol
Concen: 50.468 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion: 139 Resp: 431436
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 48.2 40.5 60.7





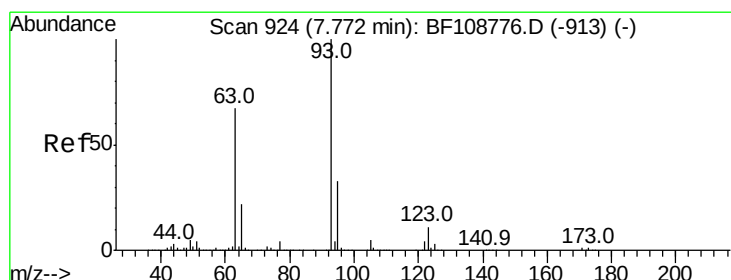
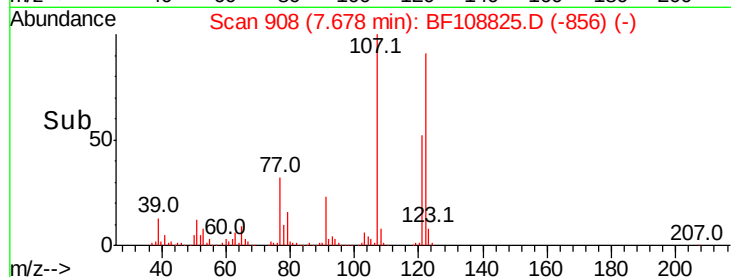
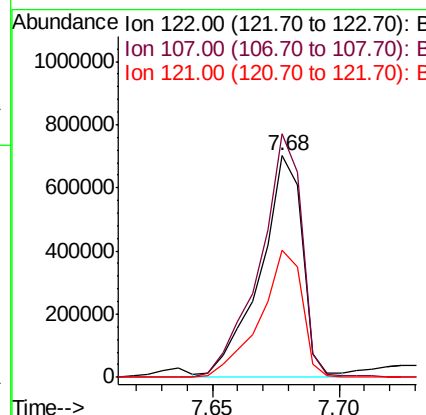
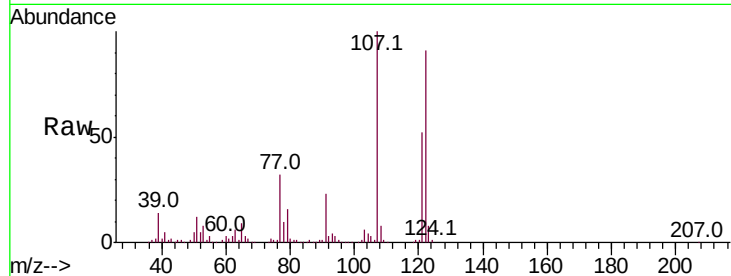
#27
 2,4-Dimethylphenol
 Concen: 46.864 ng
 RT: 7.68 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	91.2	136.8
121	57.6	47.2	70.8

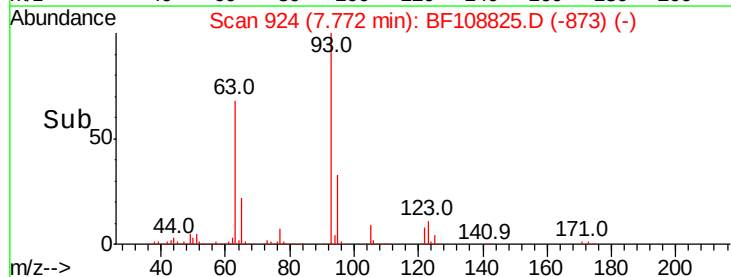
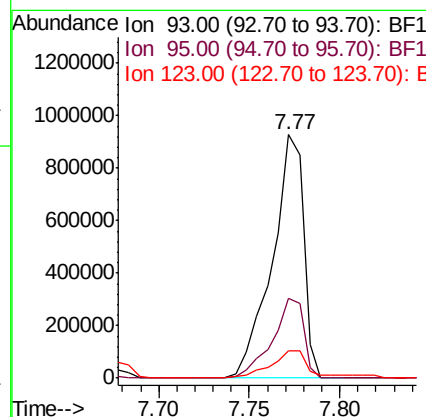
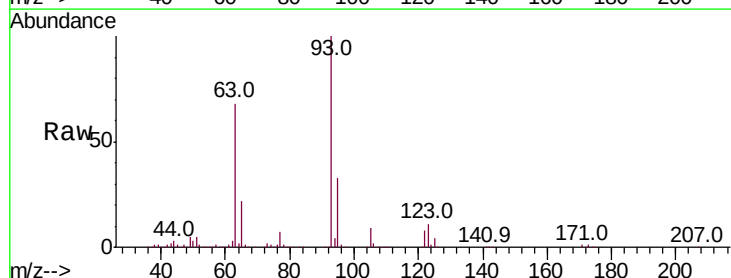
Manual Integrations
 APPROVED

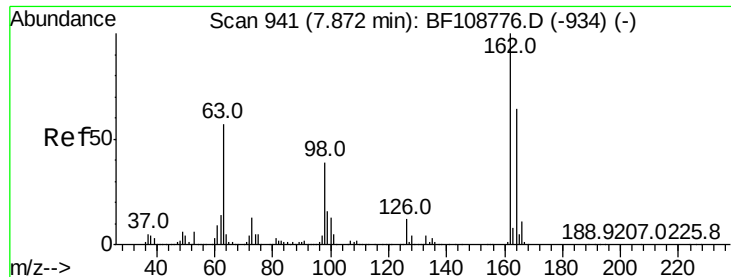
Sohil
 9/7/2018 11:15:46 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.382 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.3	9.8	14.6





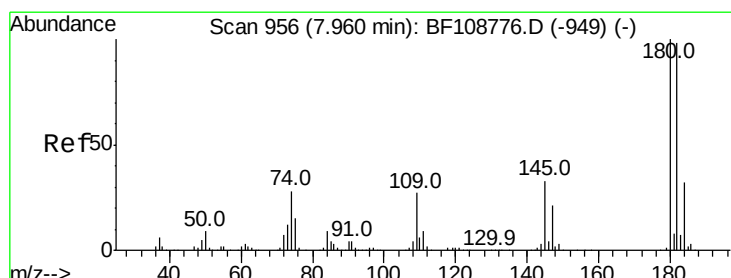
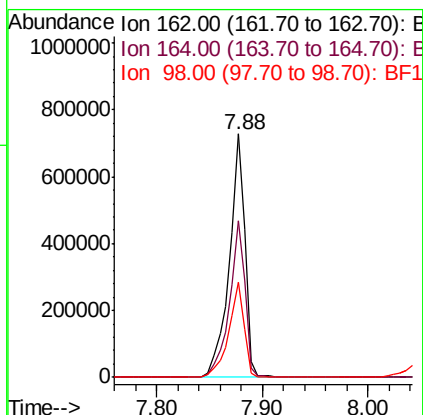
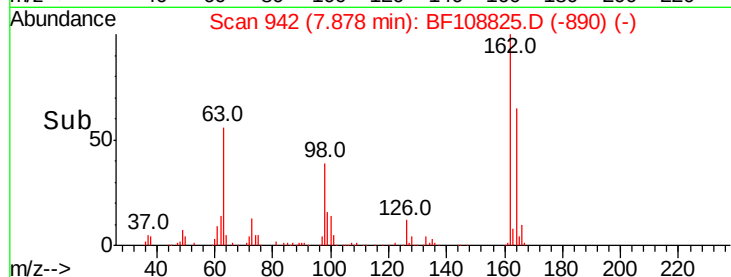
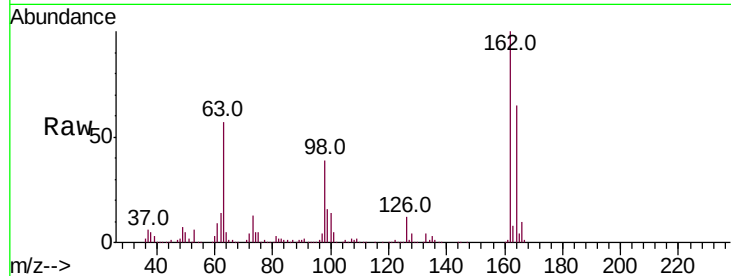
#29
2,4-Dichlorophenol
Concen: 41.438 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampled :
PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	741746		
164	64.5	42.7	82.7	
98	39.3	18.1	58.1	

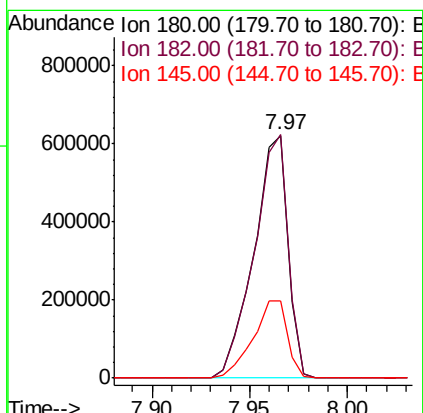
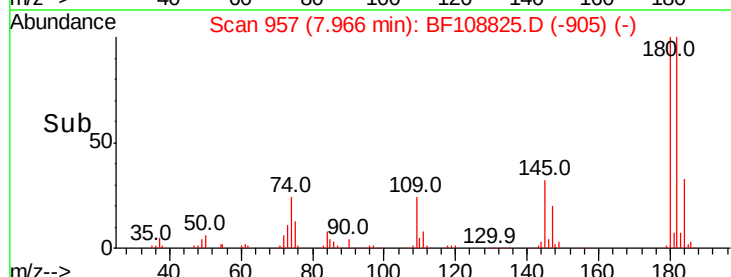
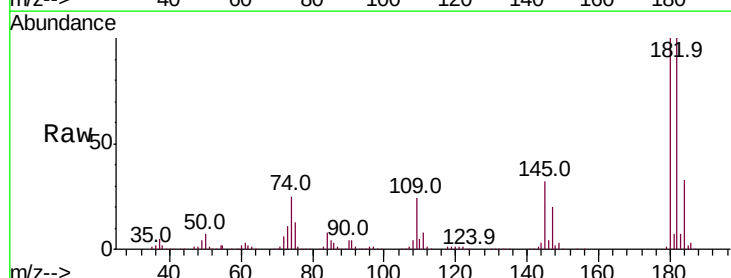
Manual Integrations
APPROVED

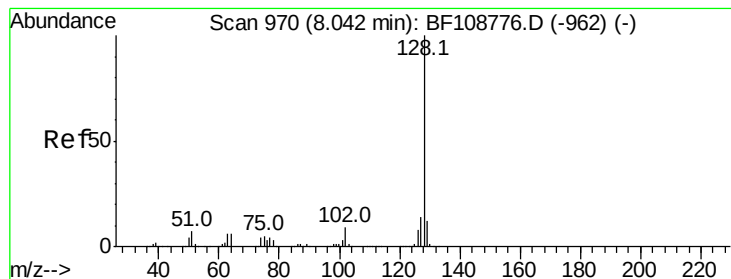
Sohil
9/7/2018 11:15:46 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.838 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	753411		
182	100.4	76.8	115.2	
145	31.9	26.5	39.7	





#31

Naphthalene

Concen: 41.661 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:128 Resp: 2372096

Ion Ratio Lower Upper

128 100

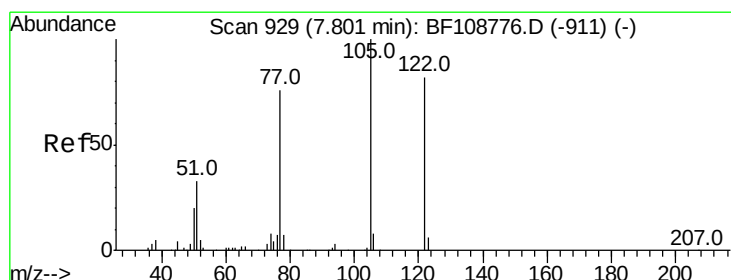
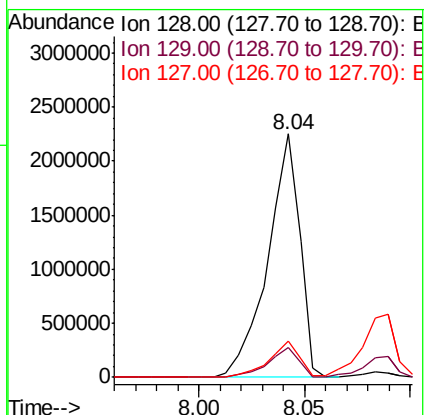
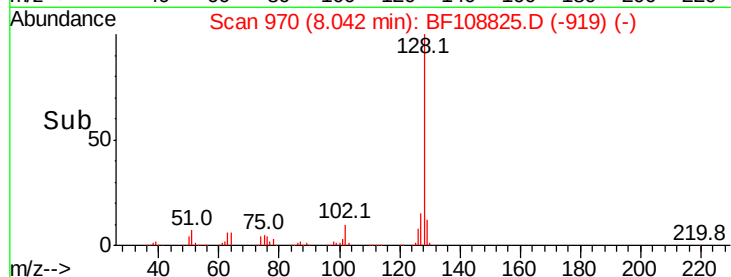
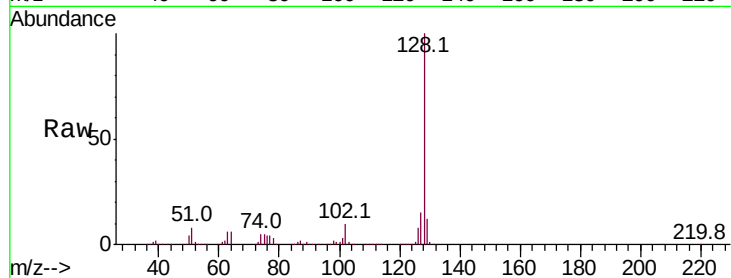
129 12.3 8.8 13.2

127 14.6 10.9 16.3

Manual Integrations
APPROVED

Sohil

9/7/2018 11:15:46 AM



#32

Benzoic acid

Concen: 48.780 ng

RT: 7.82 min Scan# 932

Delta R.T. 0.02 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

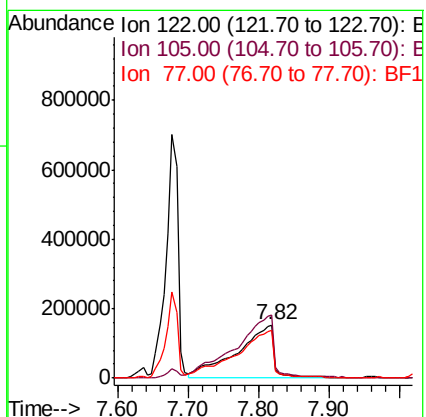
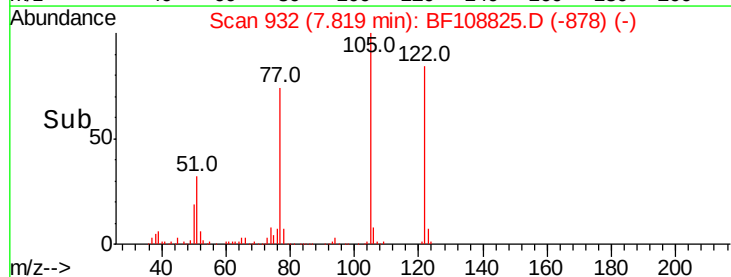
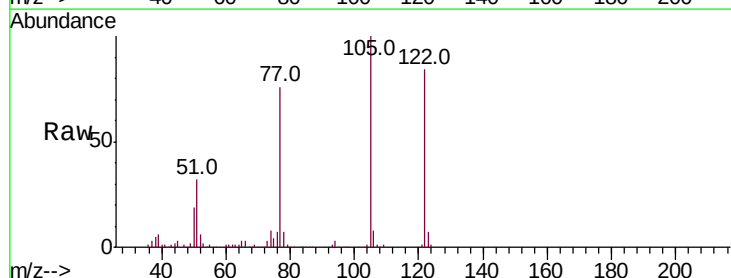
Tgt Ion:122 Resp: 557750

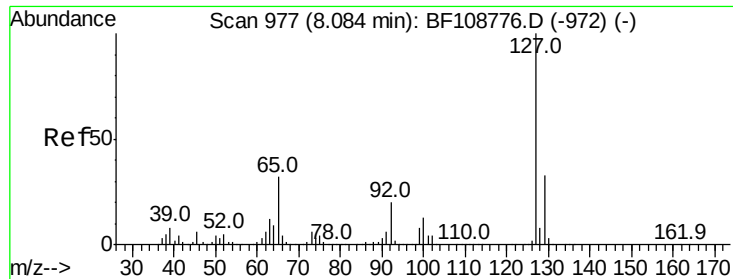
Ion Ratio Lower Upper

122 100

105 119.2 101.1 141.1

77 90.4 70.7 110.7





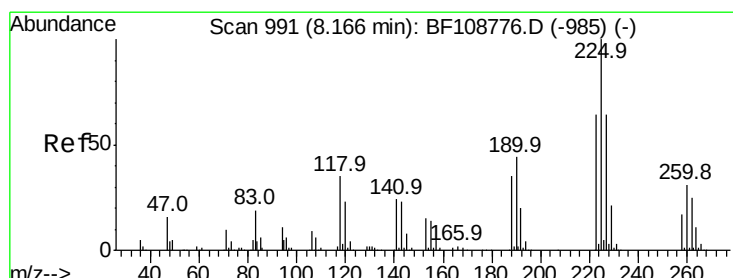
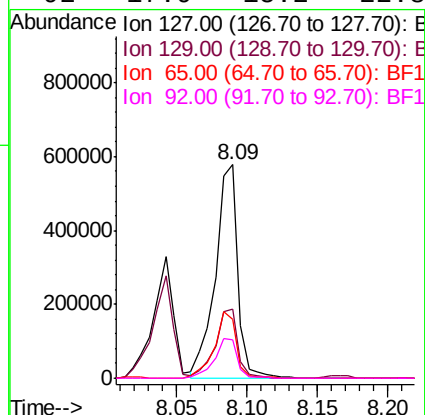
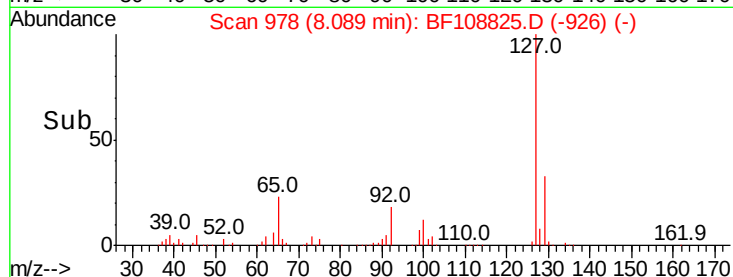
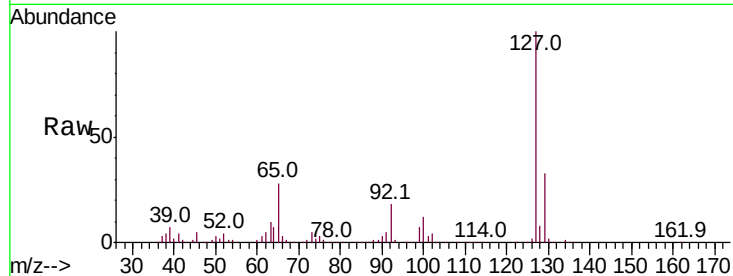
#33
4-Chloroaniline
Concen: 24.489 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.8	25.0	37.4
92	17.9	15.2	22.8

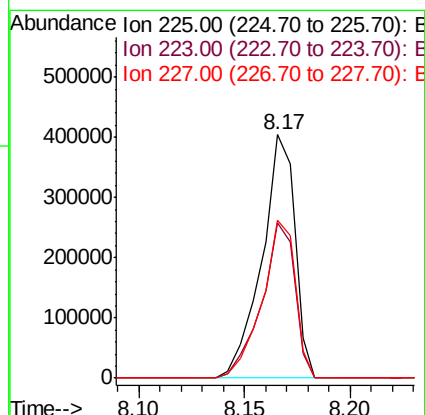
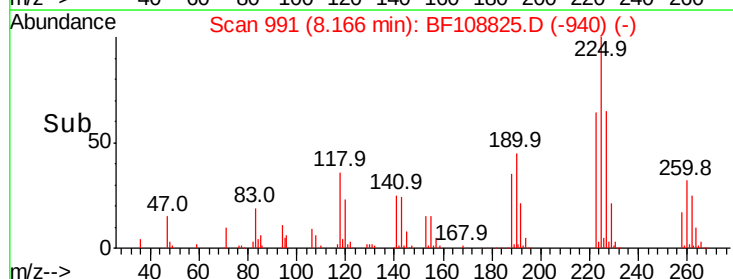
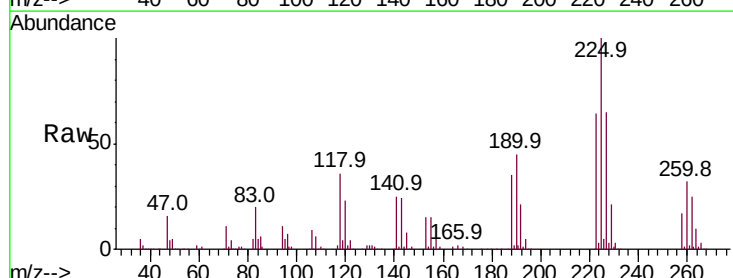
Manual Integrations
APPROVED

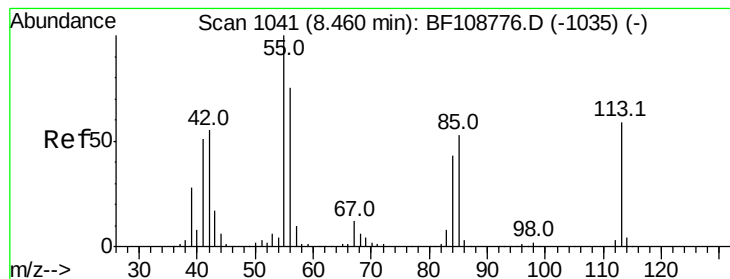
Sohil
9/7/2018 11:15:46 AM



#34
Hexachlorobutadiene
Concen: 38.023 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 40.182 ng/ml

RT: 8.46 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

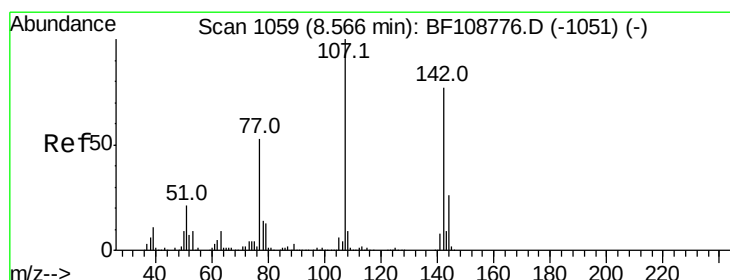
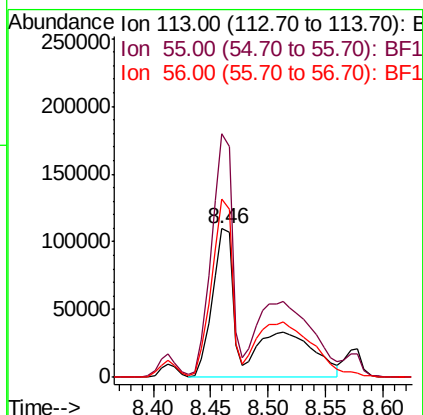
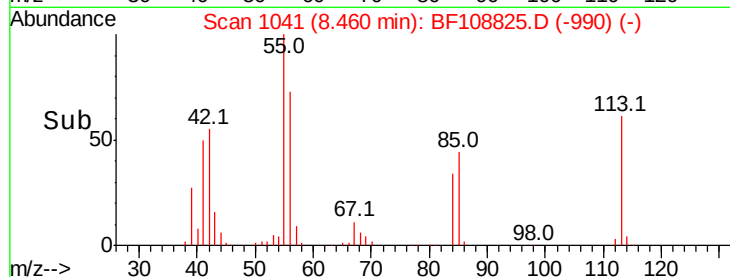
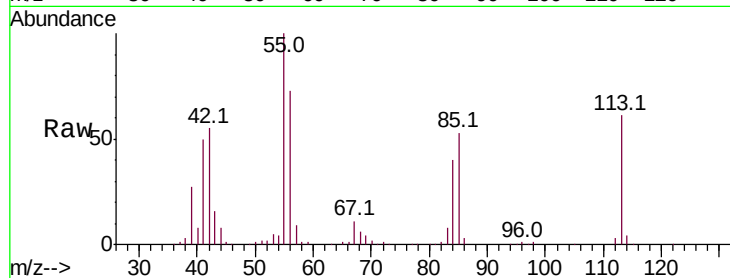
ClientSampleID :

PB112638BS

Tot Ion:	113	Resp:	243724
Ion Ratio	Lower	Upper	
113	100		
55	163.6	163.3	203.3
56	119.6	115.7	155.7

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



#36

4-Chloro-3-methylphenol

Concen: 40.585 ng/ml

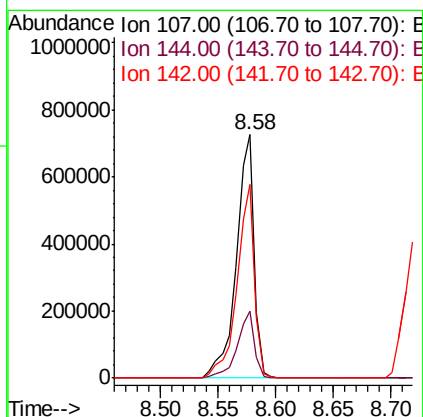
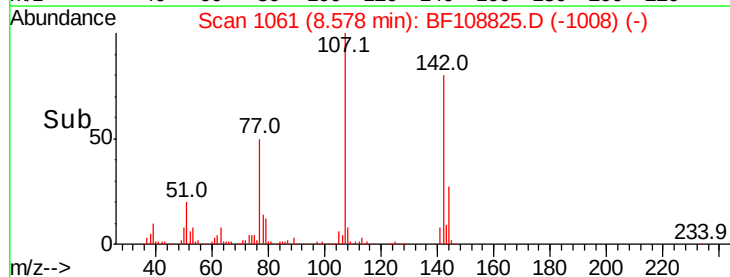
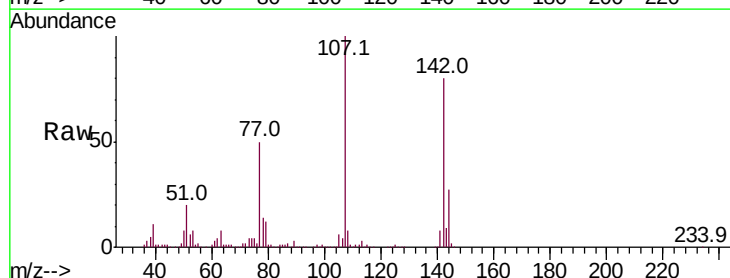
RT: 8.58 min Scan# 1061

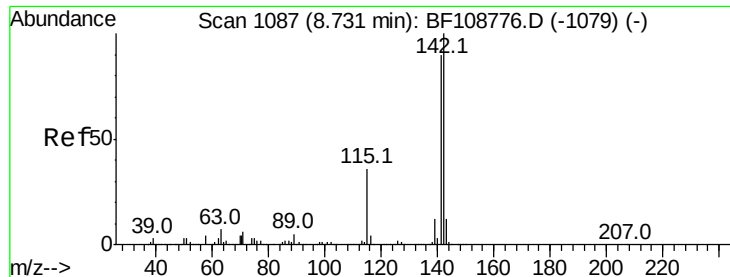
Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion:	107	Resp:	773906
Ion Ratio	Lower	Upper	
107	100		
144	27.3	20.5	30.7
142	79.6	62.0	93.0





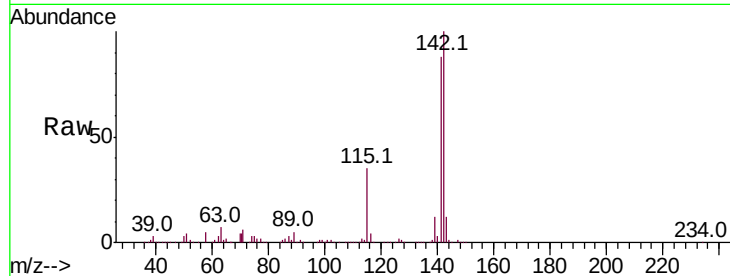
#37
2-Methylnaphthalene
Concen: 43.806 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	35.3	26.1	39.1

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM

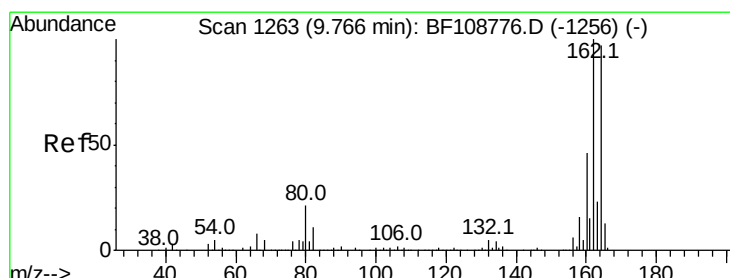
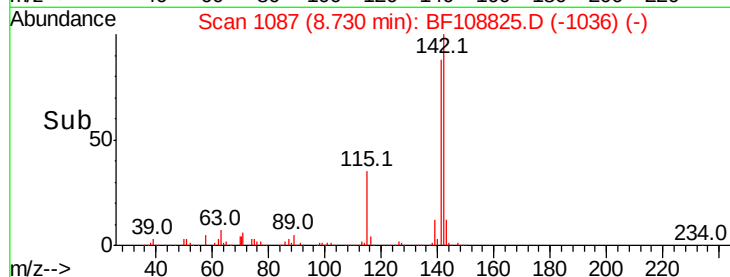
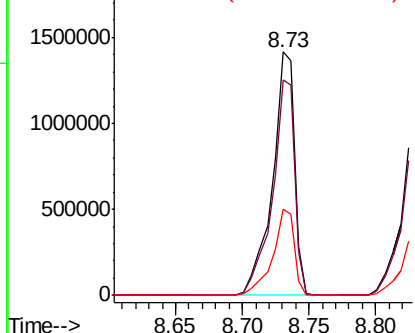


Abundance

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: BF108825.D
Acq: 6 Sep 2018 16:08

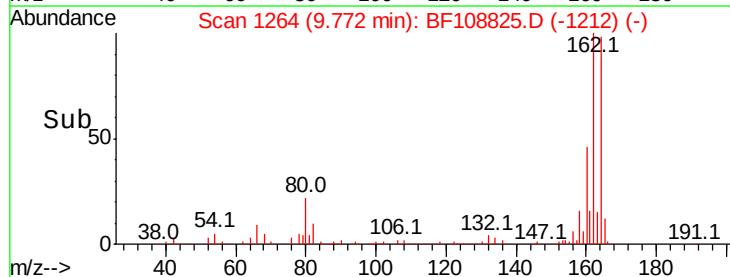
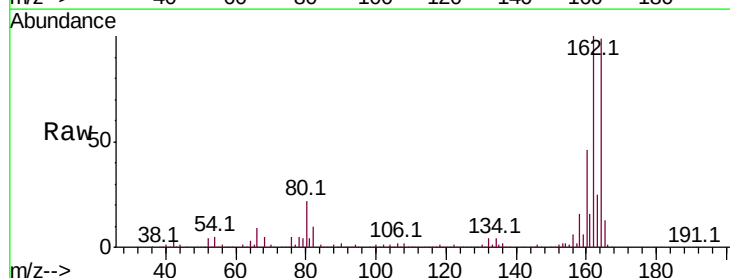
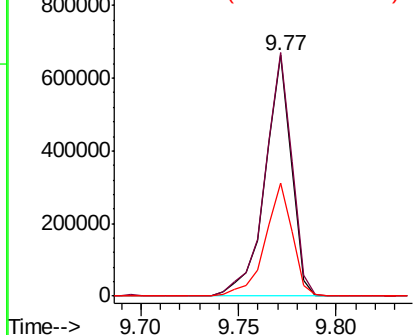
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	47.0	38.3	57.5

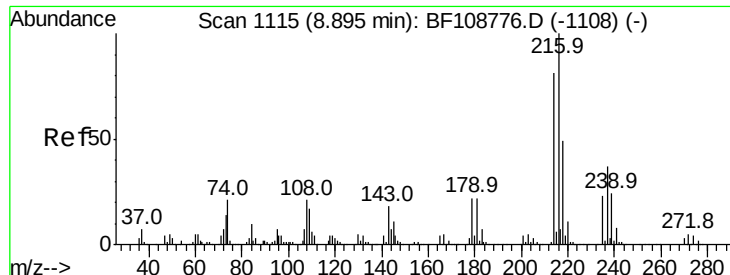
Abundance

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





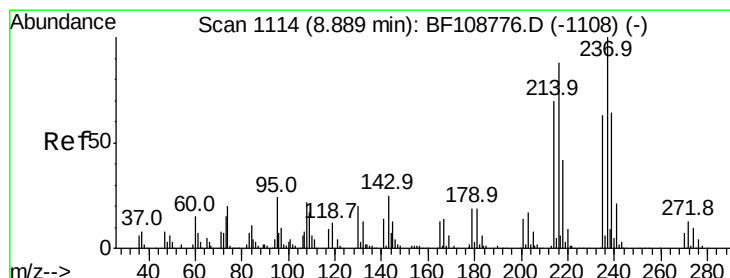
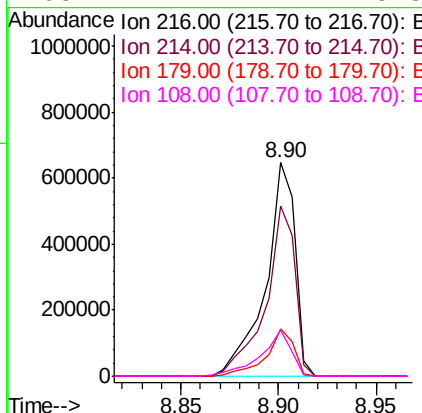
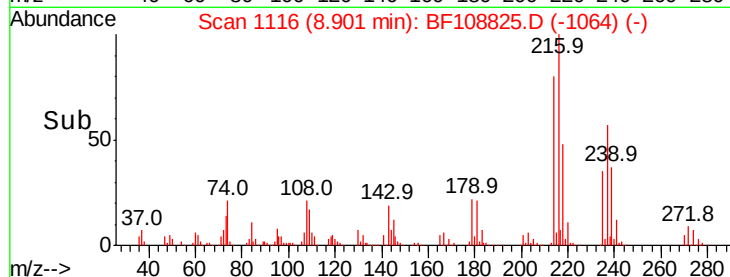
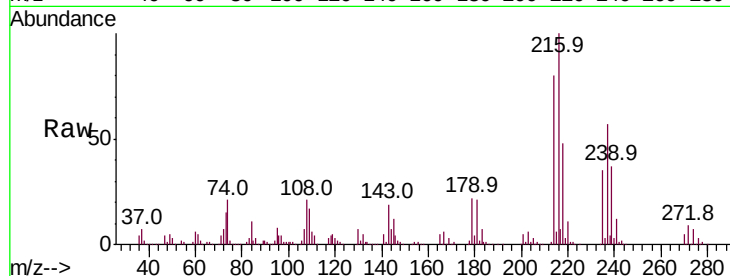
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.717 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.9	18.1	27.1
108	22.1	17.2	25.8

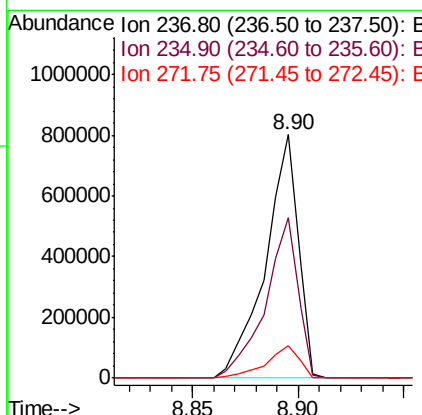
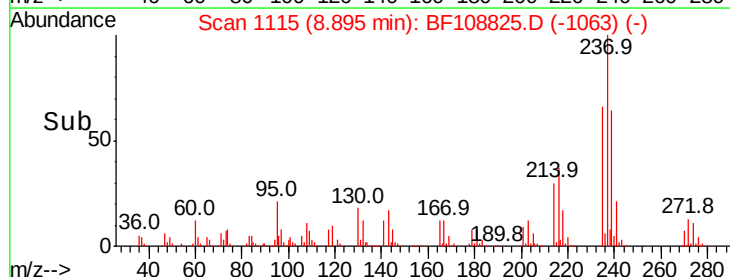
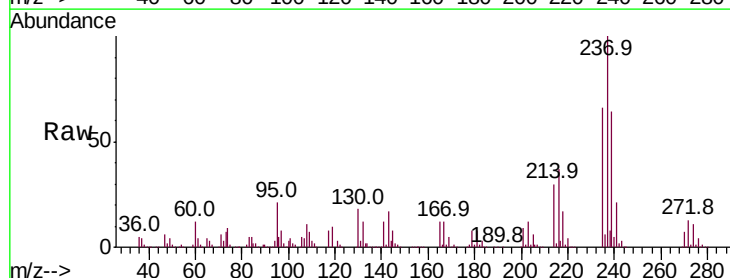
Manual Integrations
 APPROVED

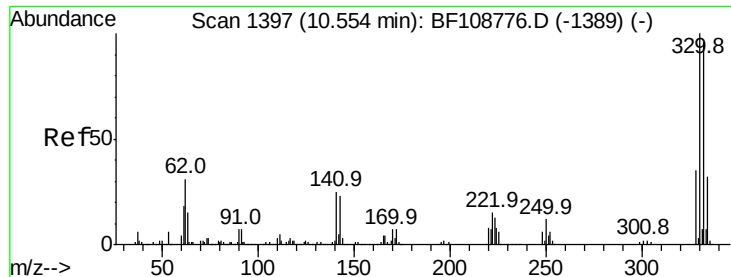
Sohil
 9/7/2018 11:15:46 AM



#40
 Hexachlorocyclopentadiene
 Concen: 93.600 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.8	44.8	84.8
272	13.3	0.0	33.3





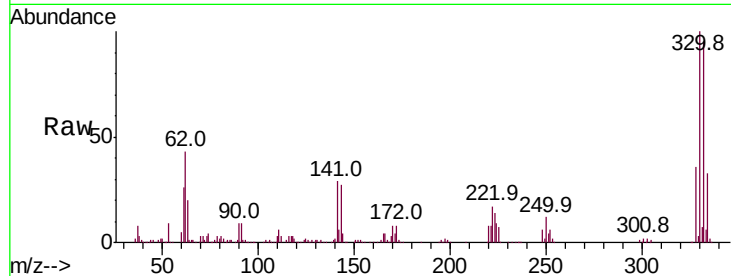
#41
 2,4,6-Tribromophenol
 Concen: 106.657 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	629849		
332	96.0	77.0	115.6	
141	32.1	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:46 AM

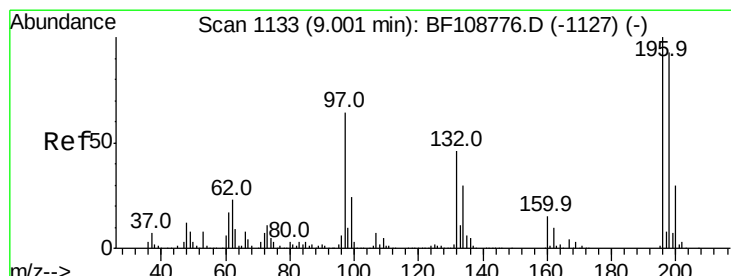
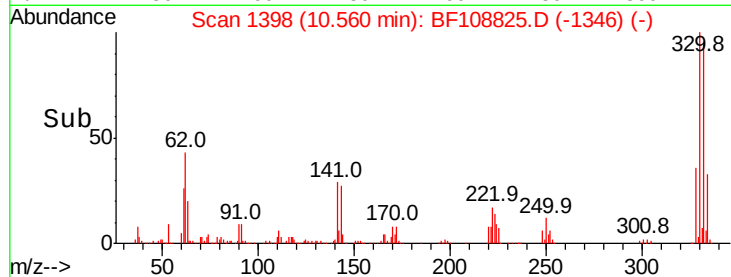
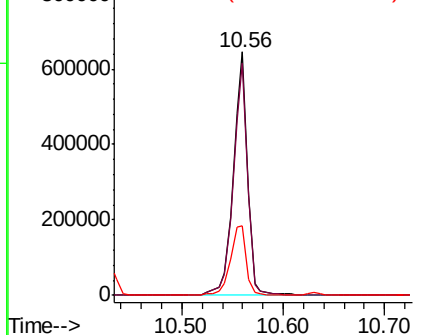


Abundance

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: 42.938 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

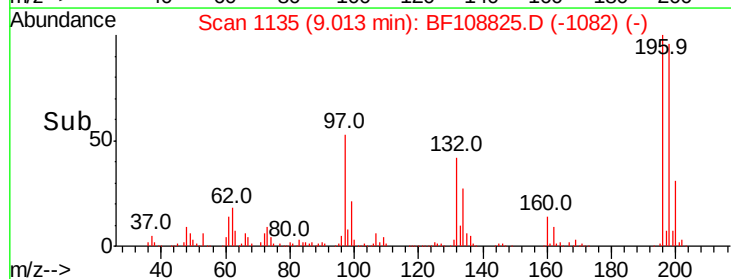
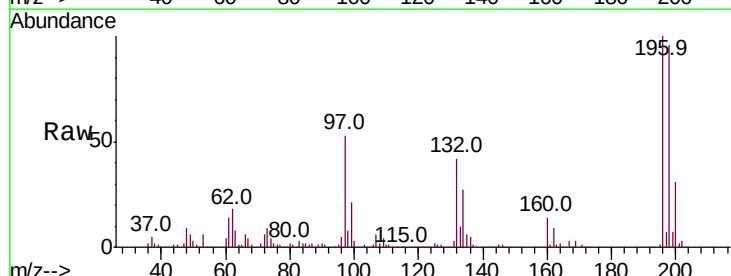
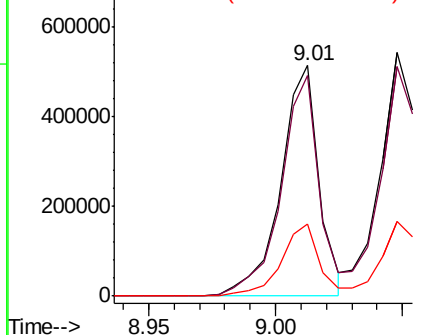
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	540809		
198	95.8	75.7	113.5	
200	31.3	24.5	36.7	

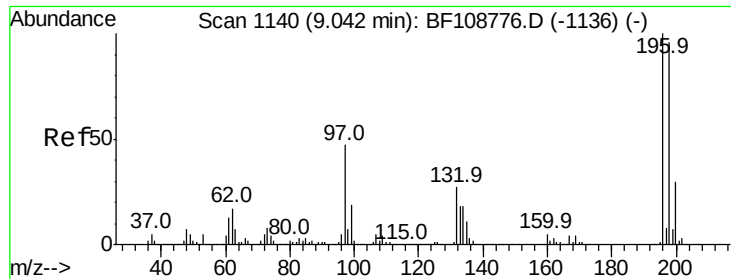
Abundance

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





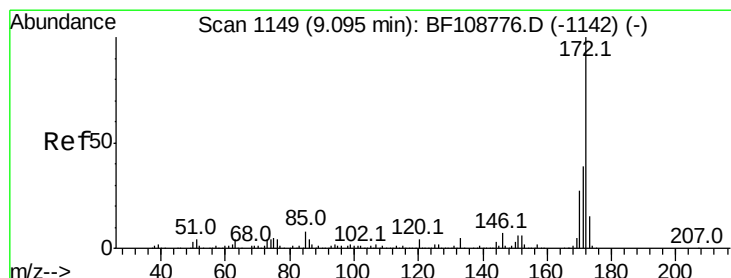
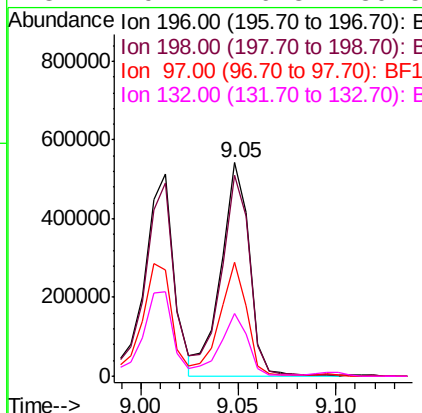
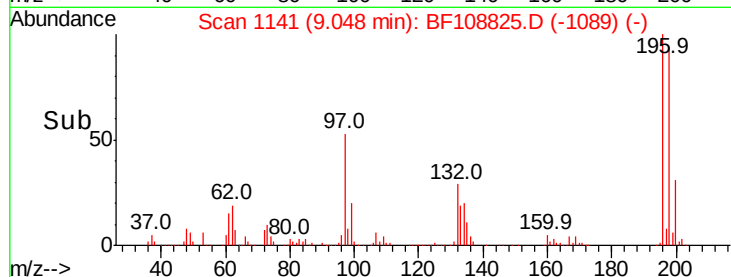
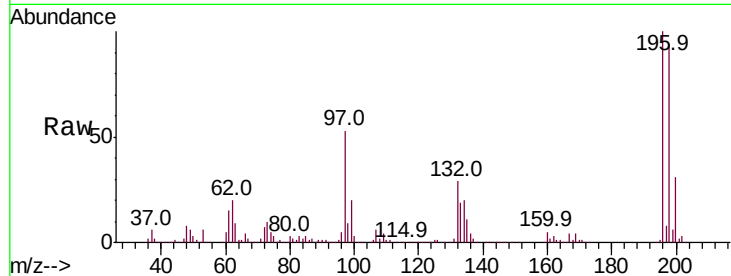
#43
 2,4,5-Trichlorophenol
 Concen: 41.730 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	544813		
198	94.1	74.6	112.0	
97	53.1	42.9	64.3	
132	29.2	26.3	39.5	

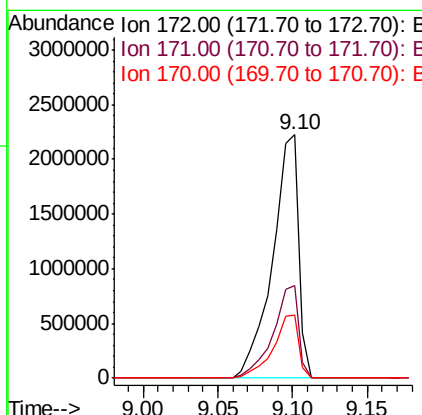
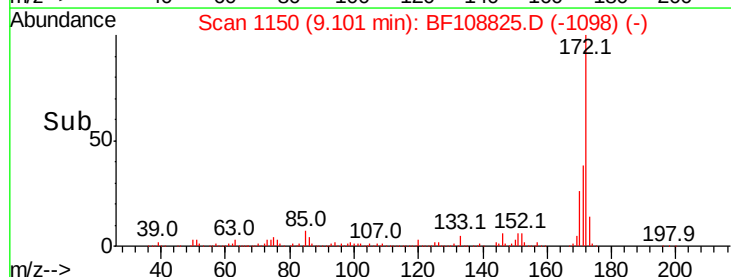
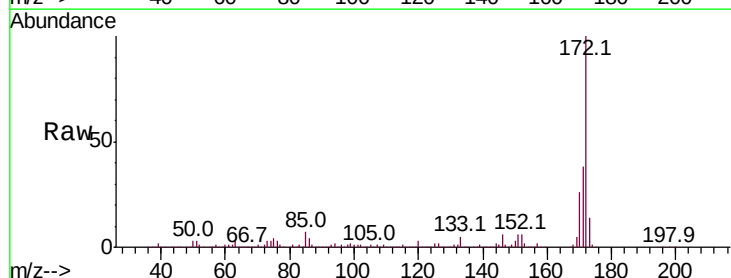
Manual Integrations
 APPROVED

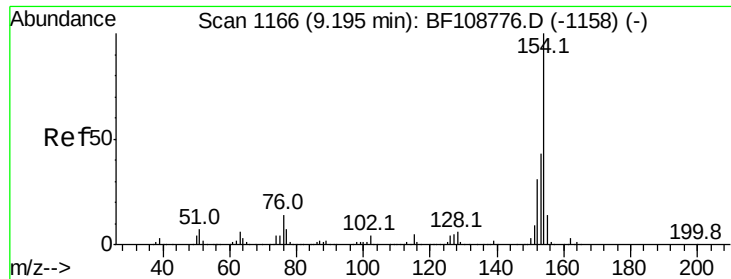
Sohil
 9/7/2018 11:15:46 AM



#44
 2-Fluorobiphenyl
 Concen: 75.017 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2720136		
171	38.0	29.7	44.5	
170	26.2	19.6	29.4	





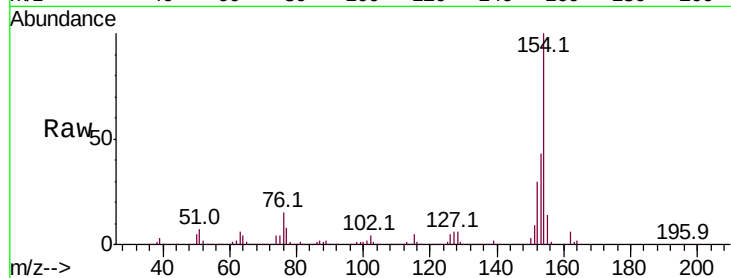
#45
 1,1'-Biphenyl
 Concen: 39.503 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.3	61.3
76	15.3	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:46 AM

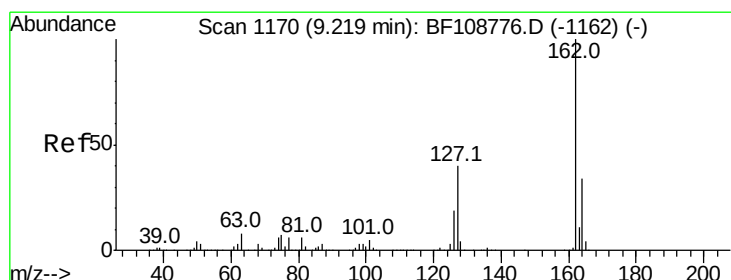
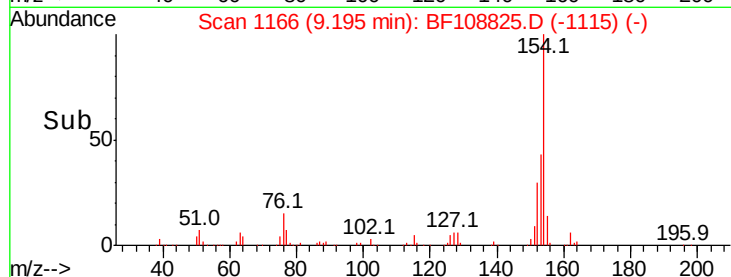
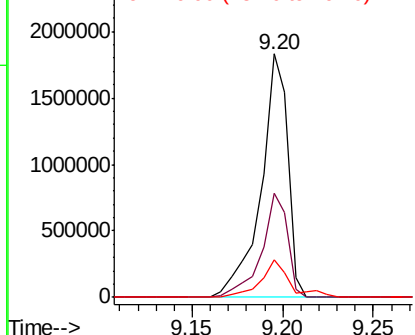


Abundance

Ion 154.00 (153.70 to 154.70): E

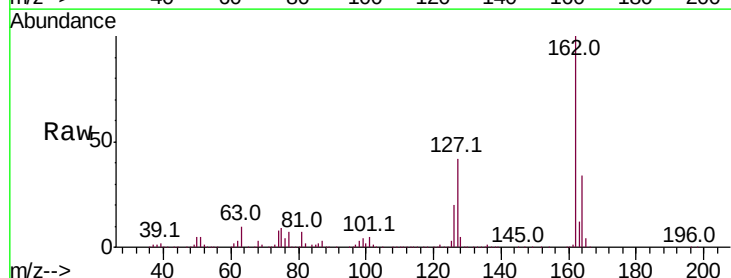
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 38.666 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	34.2	26.5	39.7

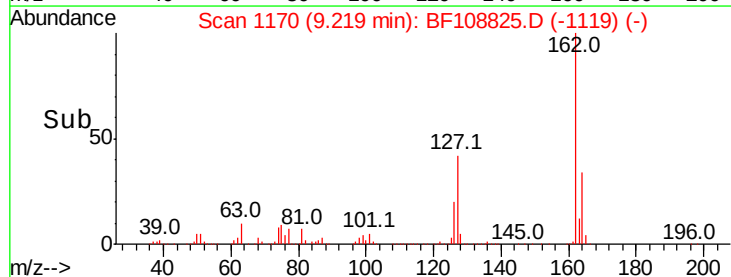
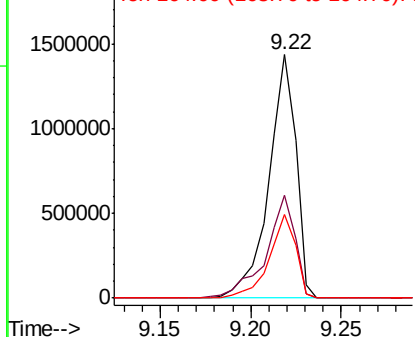


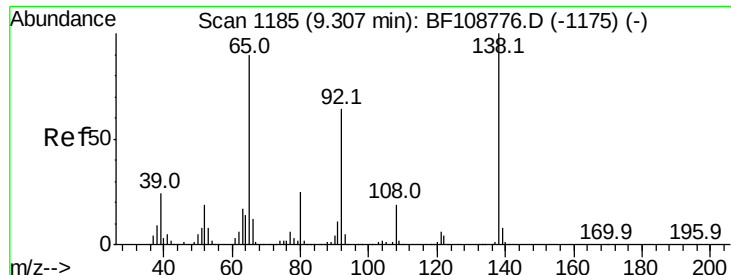
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.250 ng

RT: 9.31 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

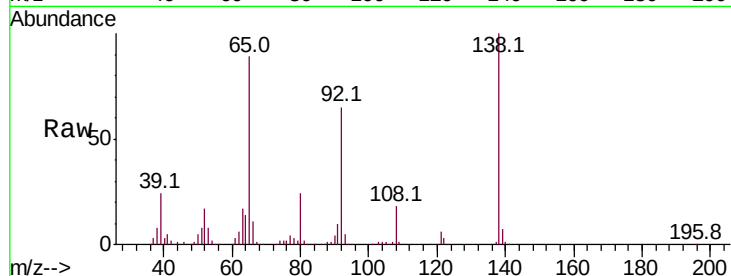
Tot Ion: 65 Resp: 486629

Ion	Ratio	Lower	Upper
65	100		
92	72.8	55.8	83.6
138	112.6	91.2	136.8

Manual Integrations
APPROVED

Sohil

9/7/2018 11:15:46 AM

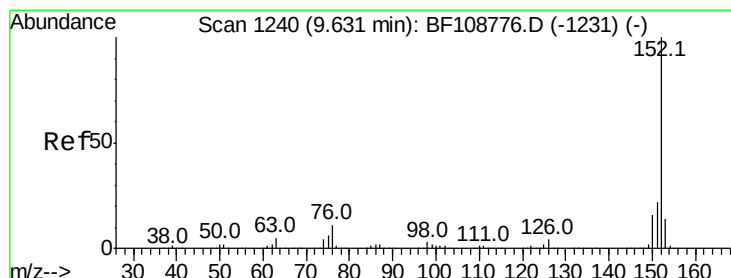
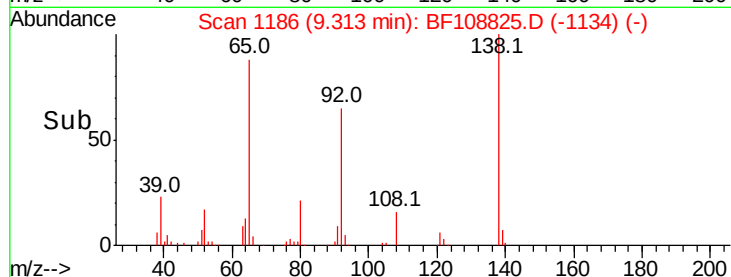
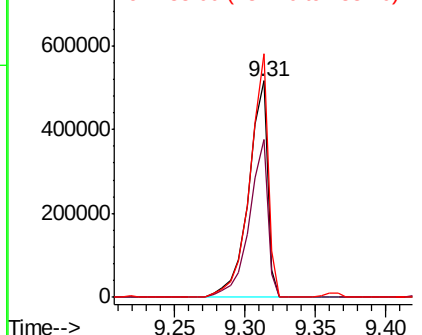


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 41.093 ng

RT: 9.64 min Scan# 1241

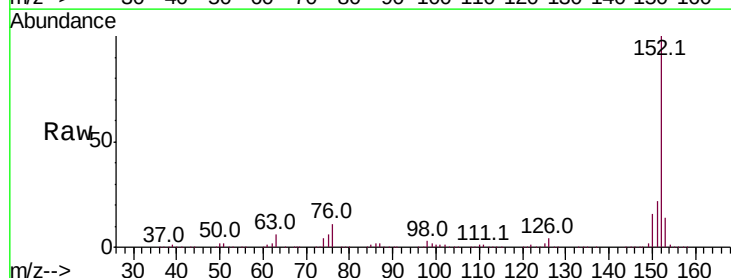
Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion: 152 Resp: 2359129

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	14.2	10.7	16.1

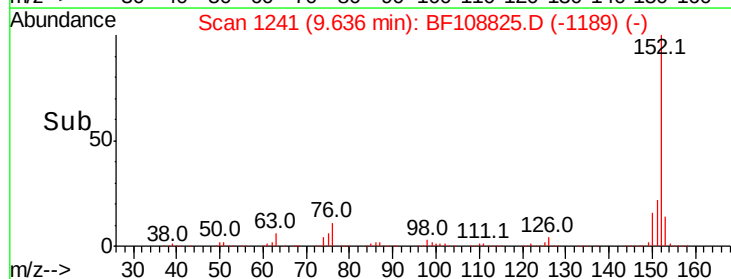
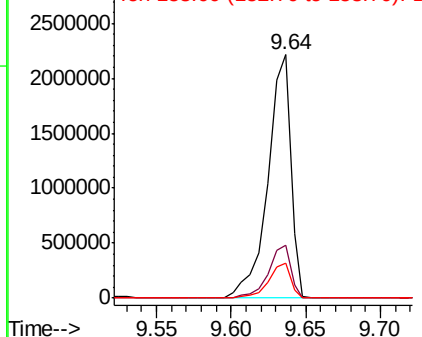


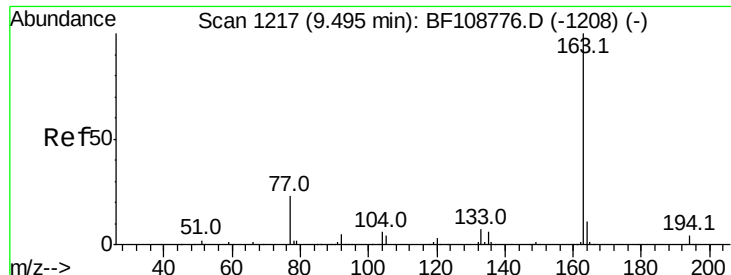
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 39.840 ng

RT: 9.50 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:163 Resp: 1723747

Ion Ratio Lower Upper

163 100

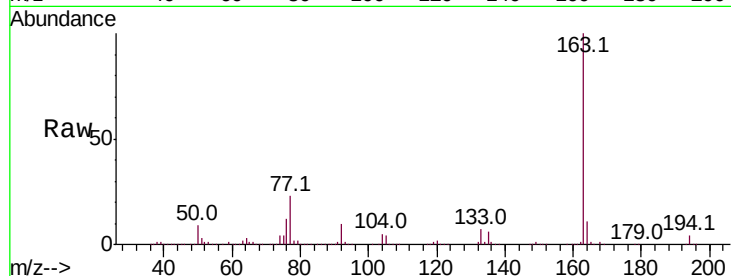
194 4.0 2.7 4.1

164 11.0 8.2 12.2

Manual Integrations
APPROVED

Sohil

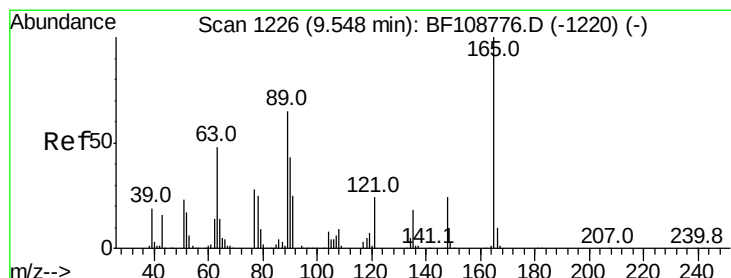
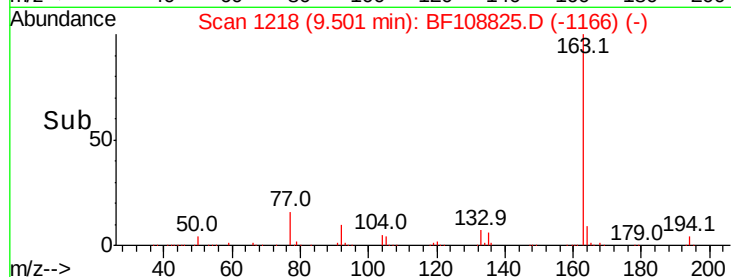
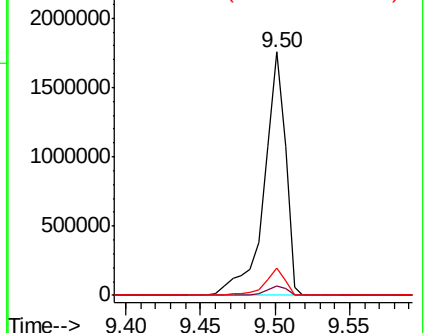
9/7/2018 11:15:46 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.275 ng

RT: 9.55 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

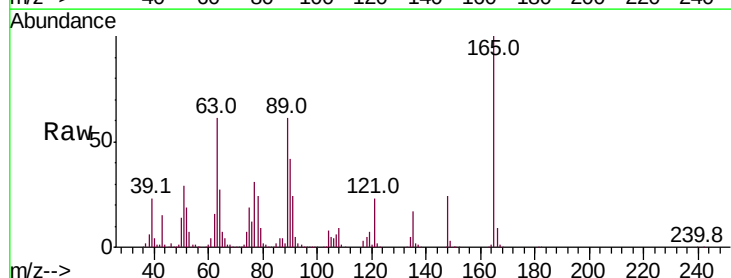
Tgt Ion:165 Resp: 389751

Ion Ratio Lower Upper

165 100

63 60.9 44.7 67.1

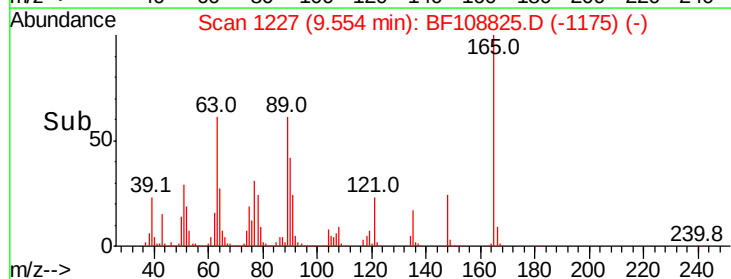
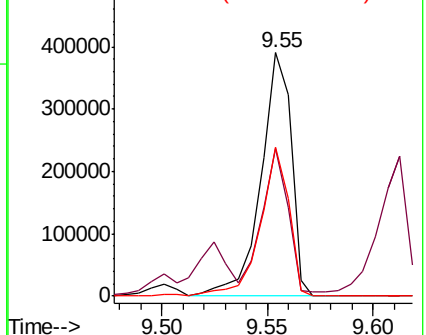
89 61.0 44.0 66.0

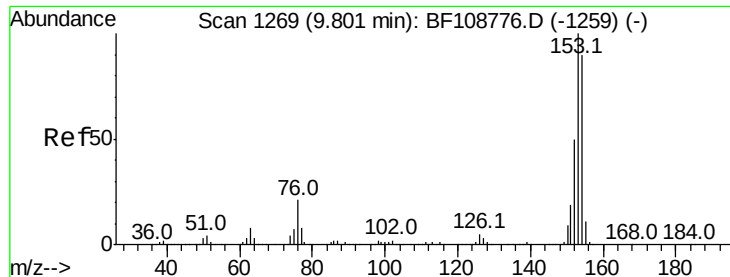


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.266 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:154 Resp: 1537081

Ion Ratio Lower Upper

154 100

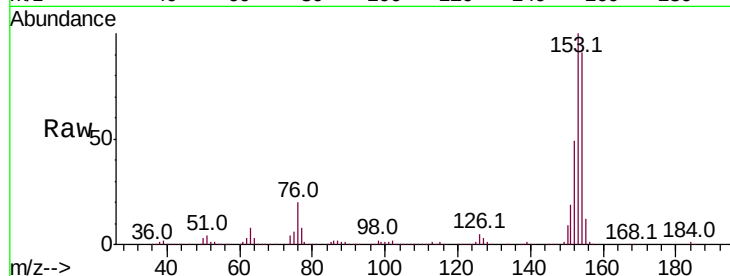
153 110.1 91.2 136.8

152 54.2 43.8 65.8

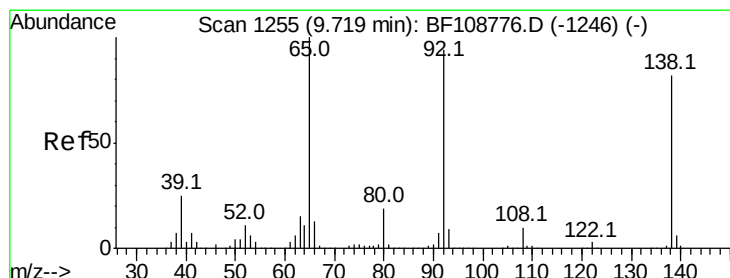
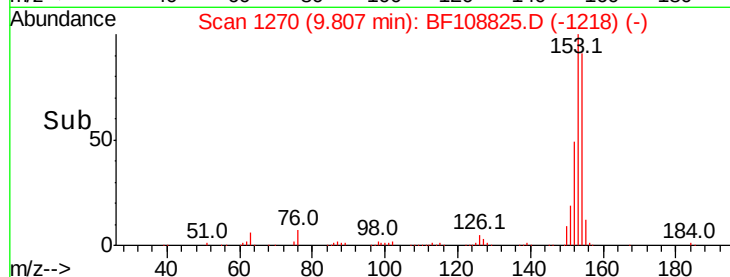
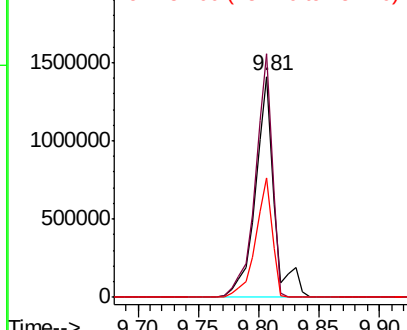
Manual Integrations
APPROVED

Sohil

9/7/2018 11:15:46 AM



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



#52

3-Nitroaniline

Concen: 33.534 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

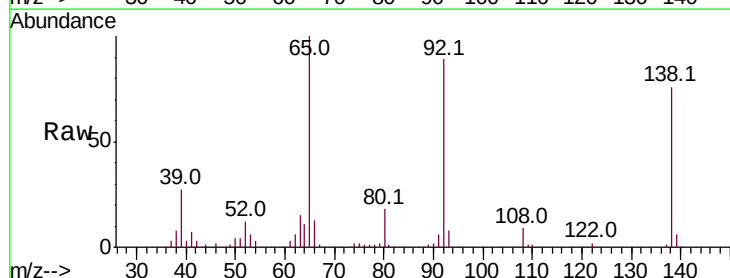
Tgt Ion:138 Resp: 329093

Ion Ratio Lower Upper

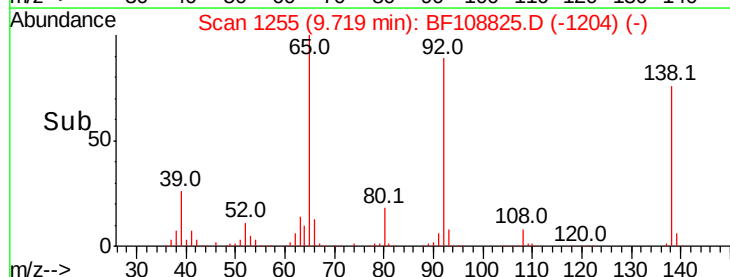
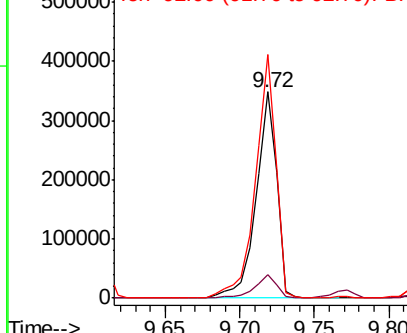
138 100

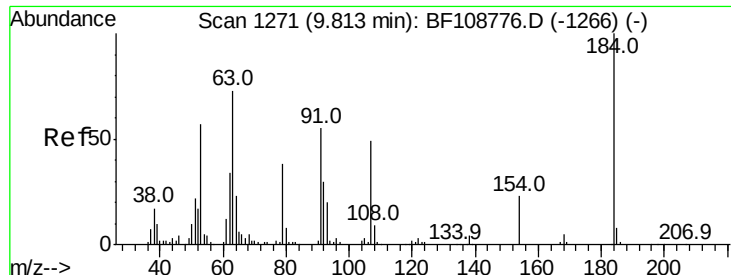
108 11.4 9.4 14.0

92 118.0 89.4 134.2



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





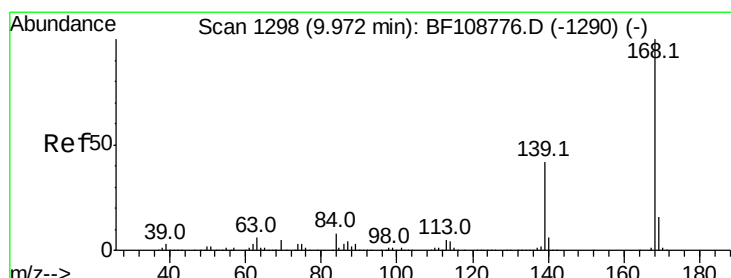
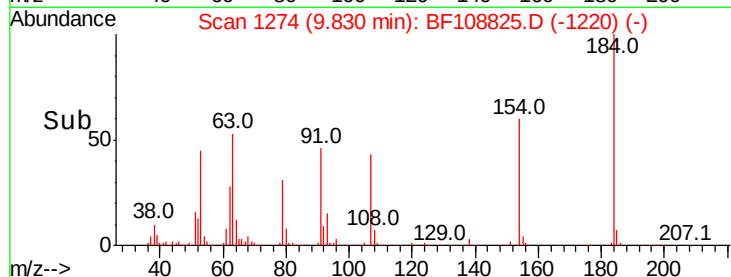
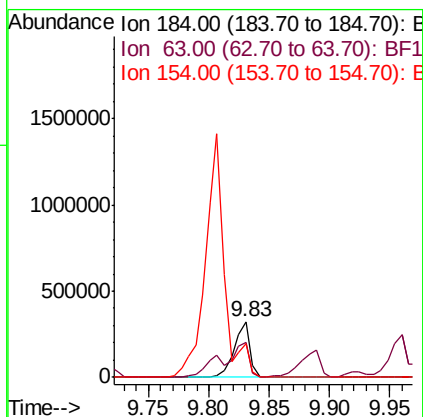
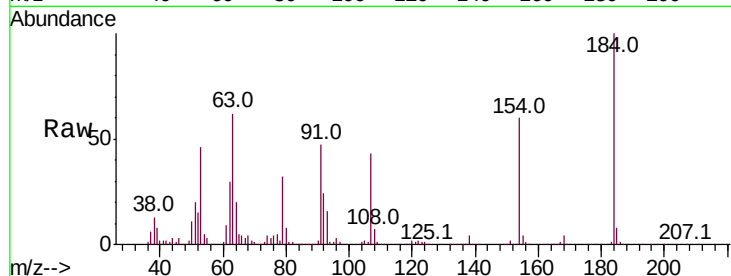
#53
 2,4-Dinitrophenol
 Concen: 95.184 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampled :
 PB112638BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.3	54.2	81.2
154	59.7	184.0	276.0#

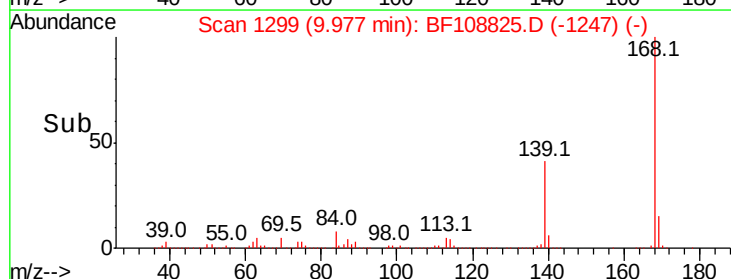
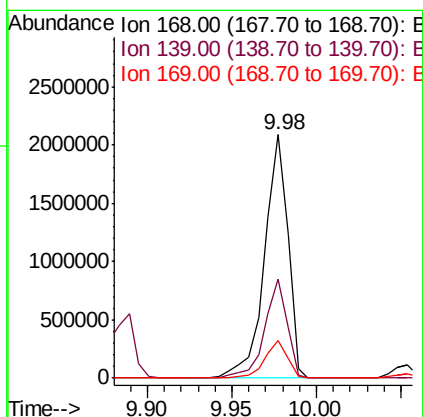
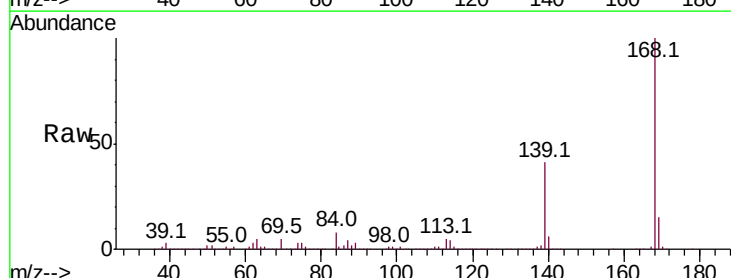
Manual Integrations
 APPROVED

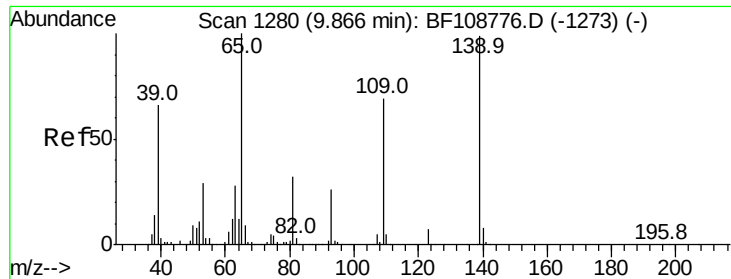
Sohil
 9/7/2018 11:15:46 AM



#54
 Dibenzofuran
 Concen: 38.596 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.1	45.1
169	15.5	10.9	16.3





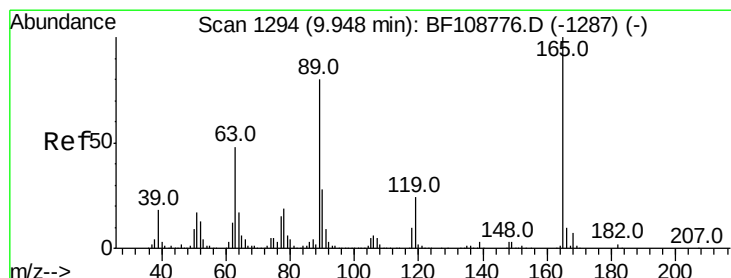
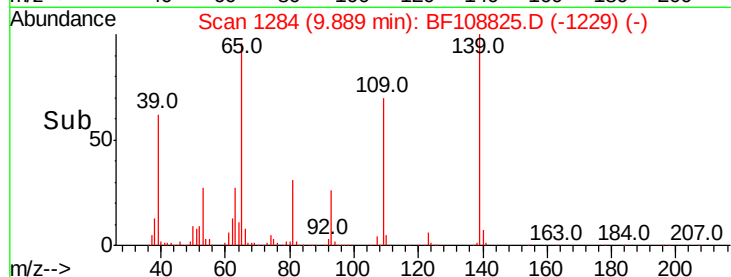
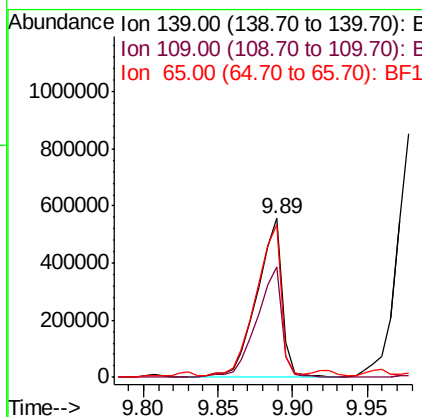
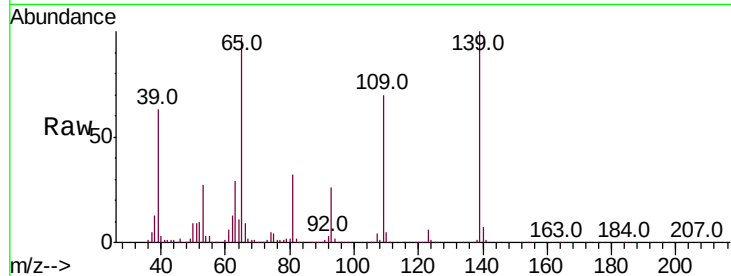
#55
4-Nitrophenol
Concen: 87.533 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	642202		
109	69.8	48.4	88.4	
65	96.7	72.6	112.6	

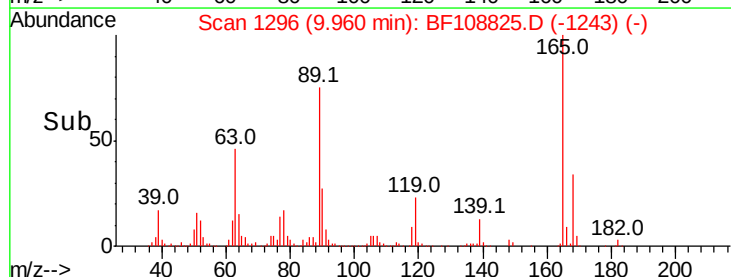
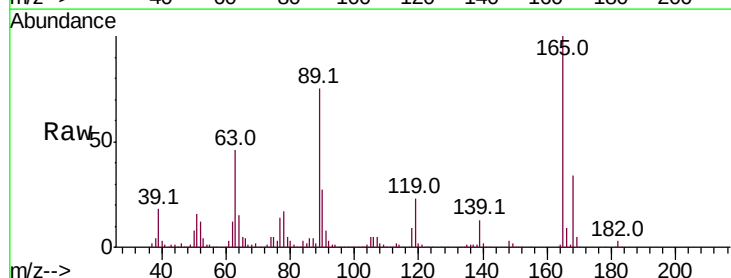
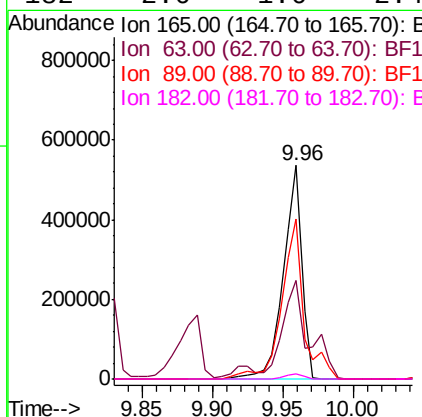
Manual Integrations
APPROVED

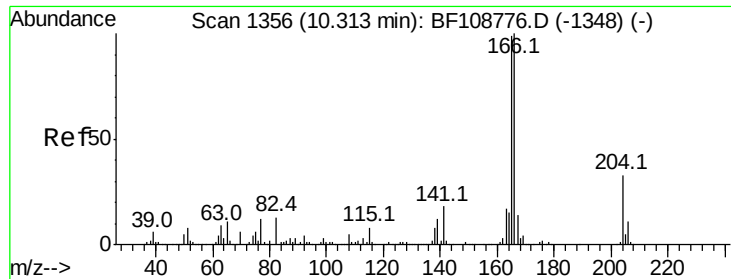
Sohil
9/7/2018 11:15:46 AM



#56
2,4-Dinitrotoluene
Concen: 46.285 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	488000		
63	46.0	36.4	54.6	
89	75.2	57.8	86.6	
182	2.6	1.6	2.4	





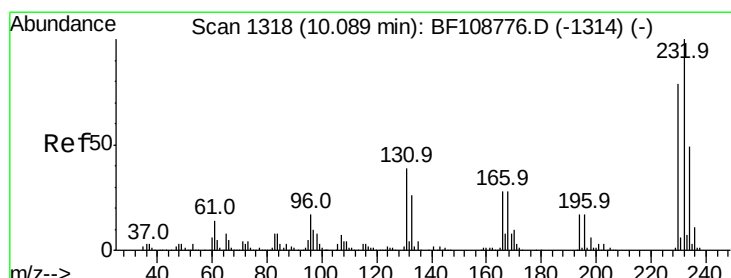
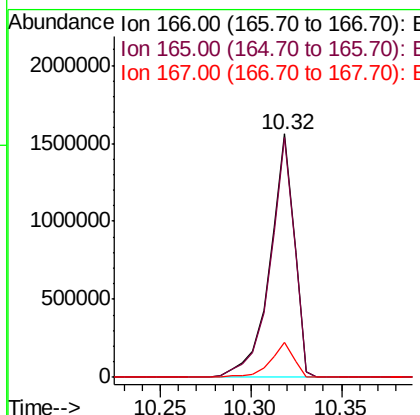
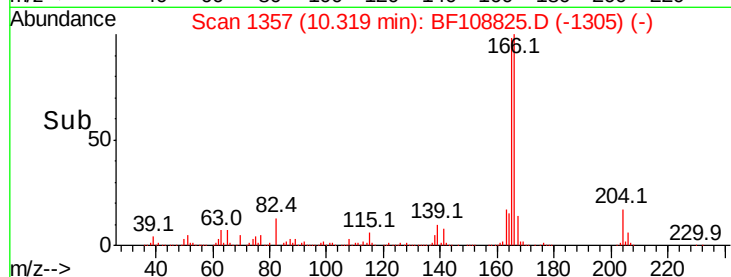
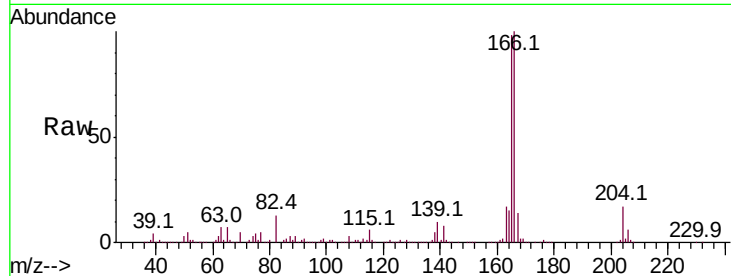
#57
 Fluorene
 Concen: 43.620 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	14.3	10.6	16.0

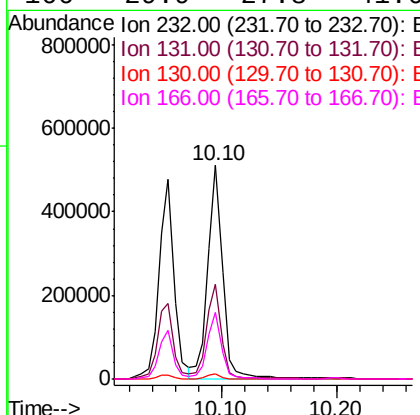
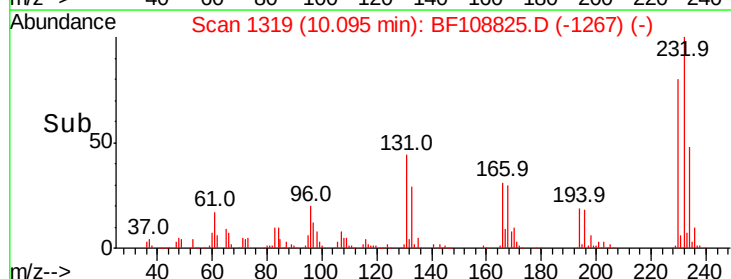
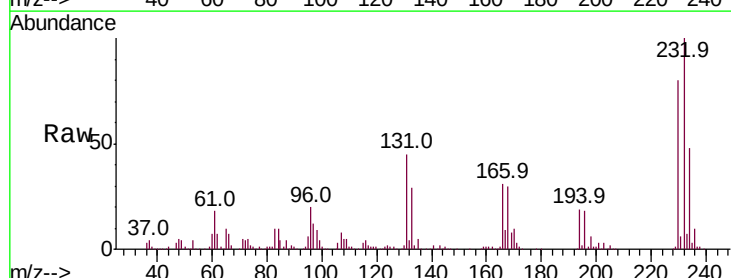
Manual Integrations
 APPROVED

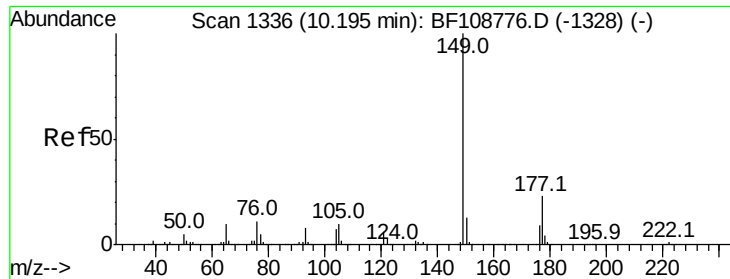
Sohil
 9/7/2018 11:15:46 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.464 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	43.8	65.8
130	2.2	2.1	3.1
166	29.9	27.8	41.6





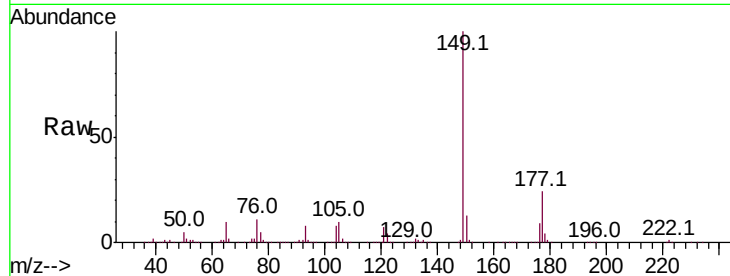
#59
Diethylphthalate
Concen: 38.097 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

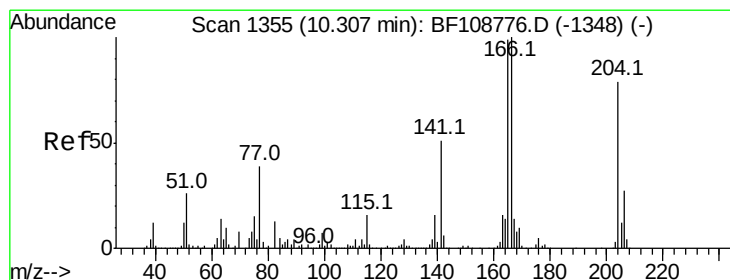
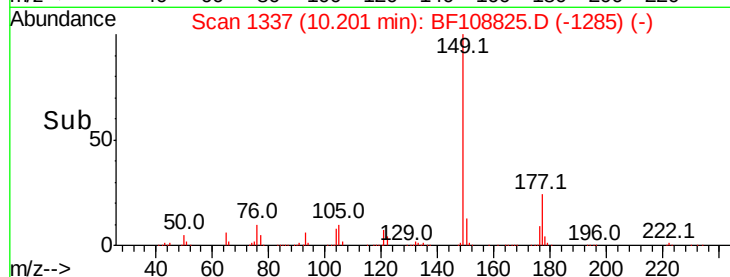
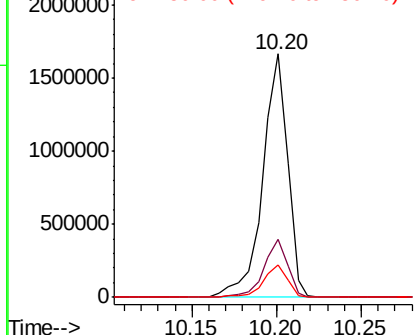
Tot Ion:149 Resp: 1701026
Ion Ratio Lower Upper
149 100
177 23.7 16.1 24.1
150 13.1 10.1 15.1

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM

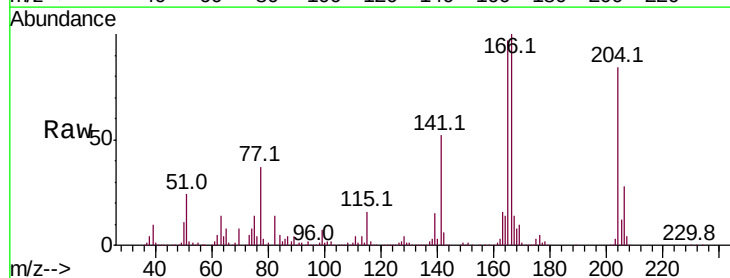


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

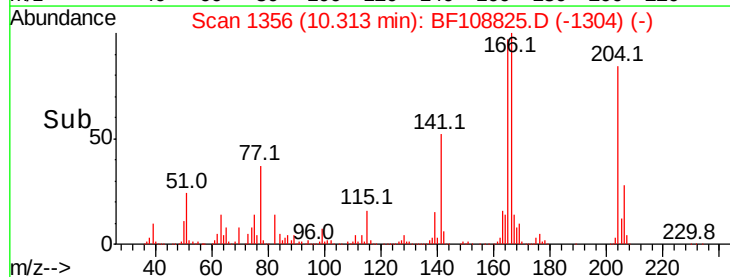
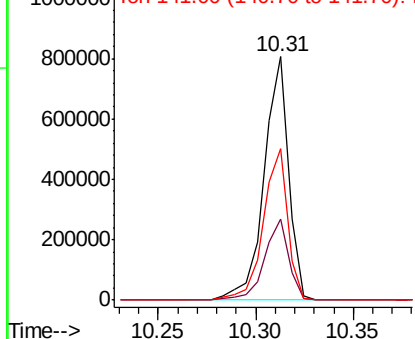


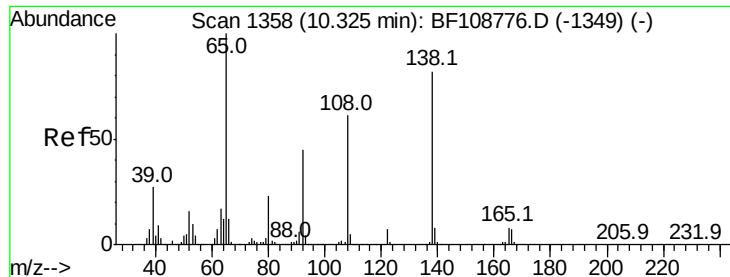
#60
4-Chlorophenyl-phenylether
Concen: 39.440 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:204 Resp: 700010
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 62.2 54.6 81.8



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





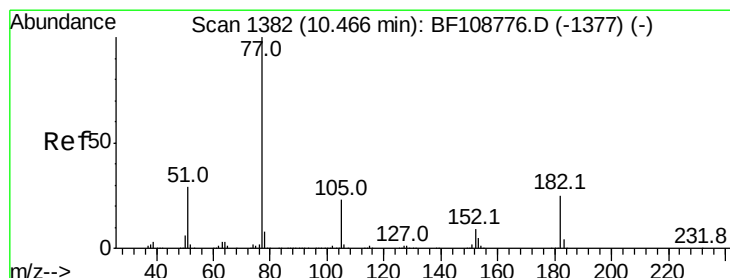
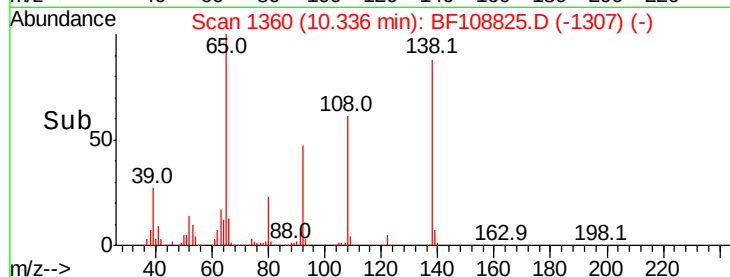
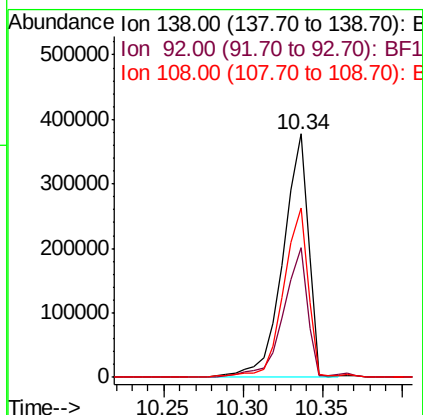
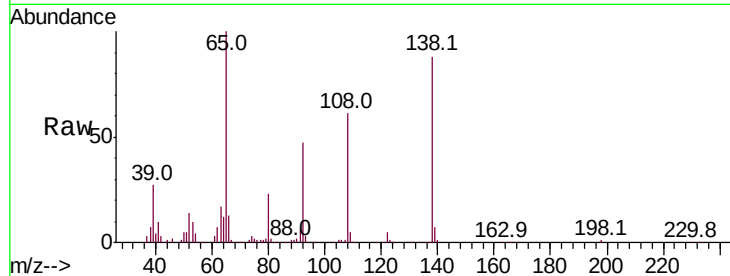
#61
4-Nitroaniline
Concen: 47.399 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampled :
PB112638BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	30.2	70.2
108	69.3	52.5	92.5

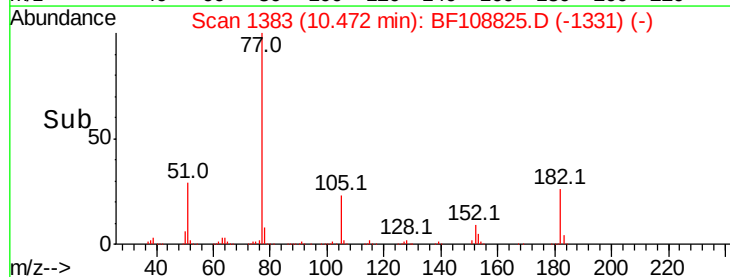
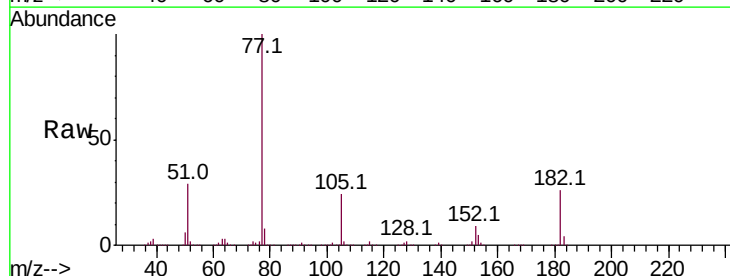
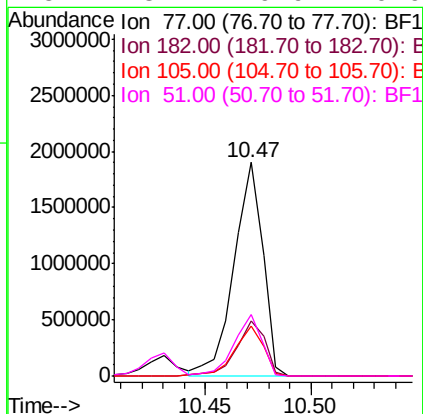
Manual Integrations
APPROVED

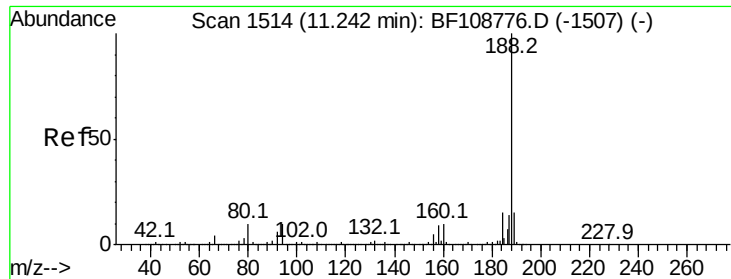
Sohil
9/7/2018 11:15:46 AM



#62
Azobenzene
Concen: 38.721 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	23.6	3.0	43.0
51	28.7	9.9	49.9





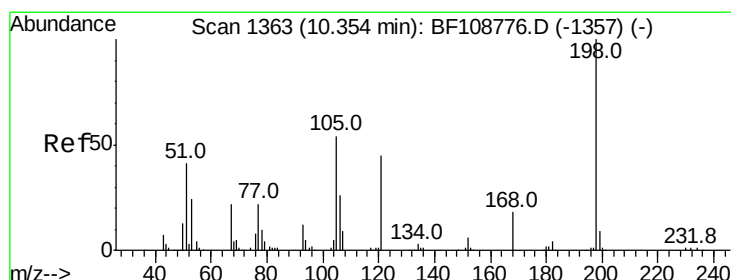
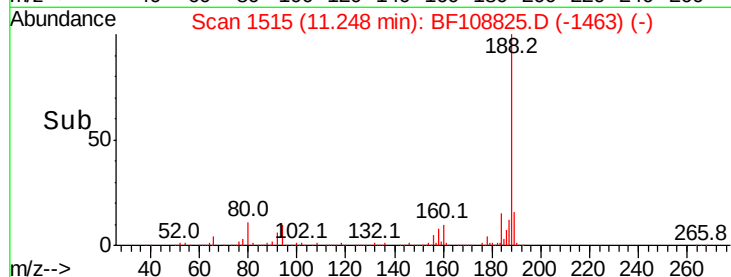
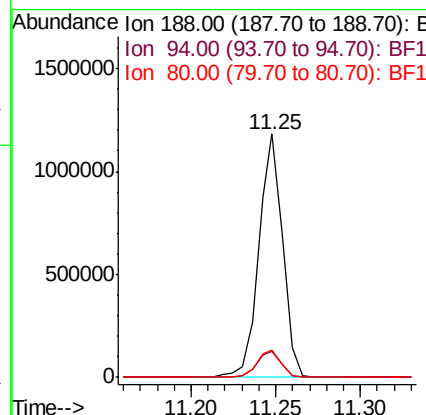
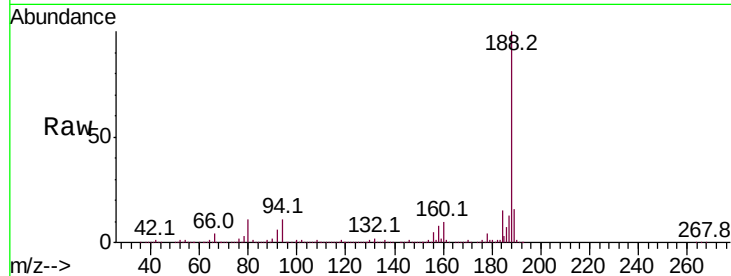
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.1	9.2	13.8

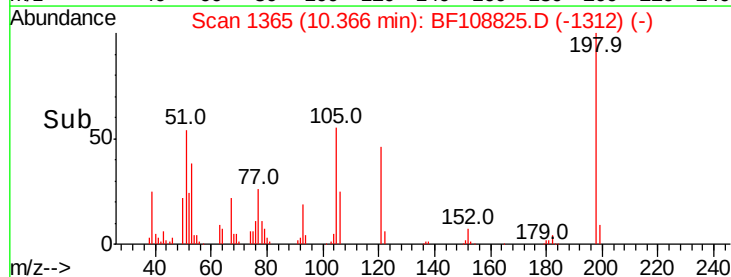
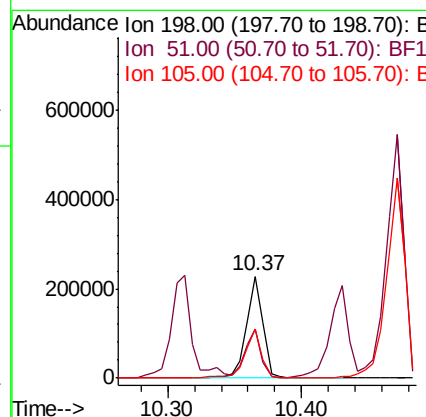
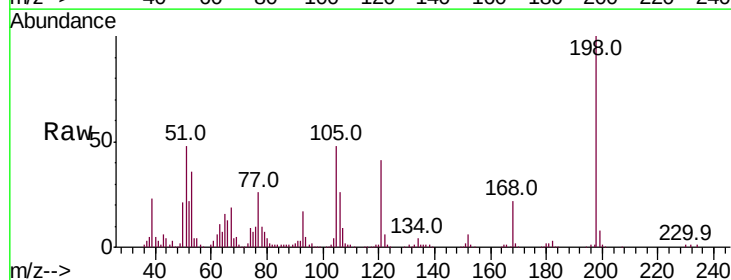
Manual Integrations
APPROVED

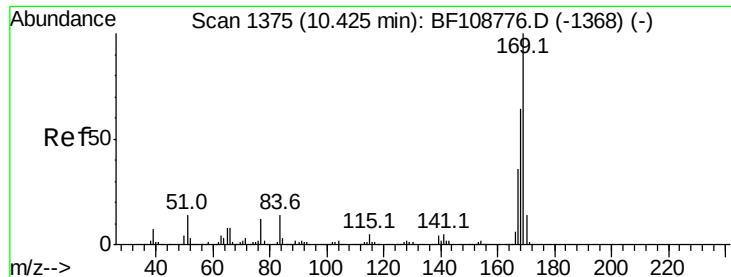
Sohil
9/7/2018 11:15:46 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.707 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.3	37.7	77.7
105	48.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.426 ng

RT: 10.43 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:169 Resp: 1476632

Ion Ratio Lower Upper

169 100

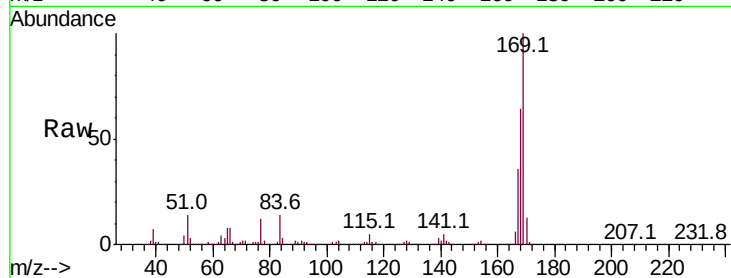
168 64.4 54.4 81.6

167 36.2 29.8 44.6

Manual Integrations
APPROVED

Sohil

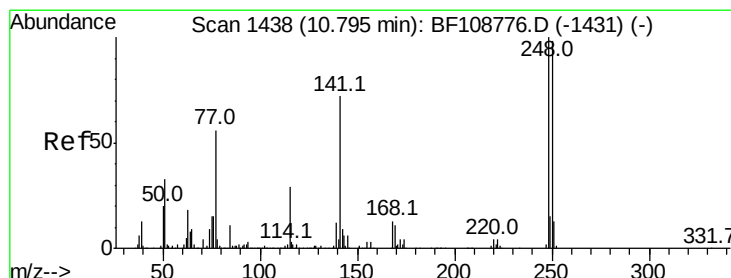
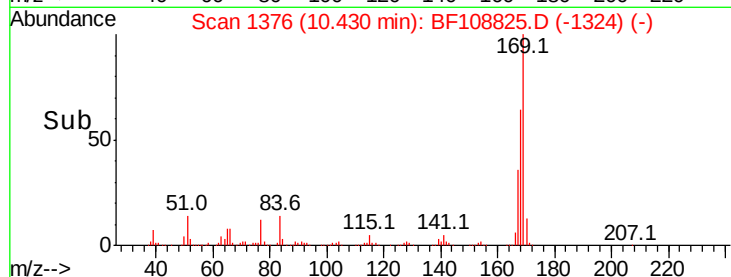
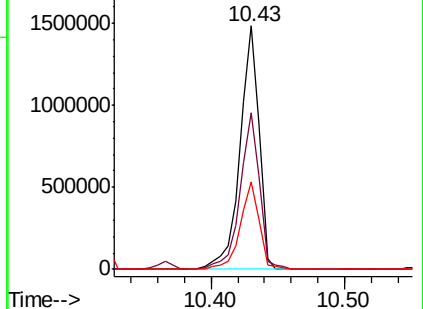
9/7/2018 11:15:46 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.273 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

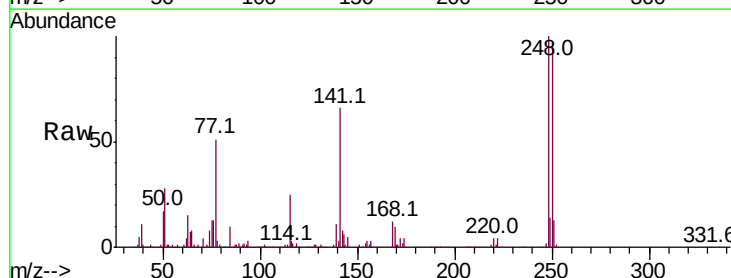
Tgt Ion:248 Resp: 499620

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

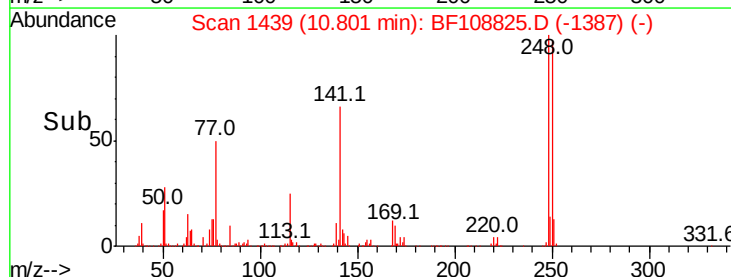
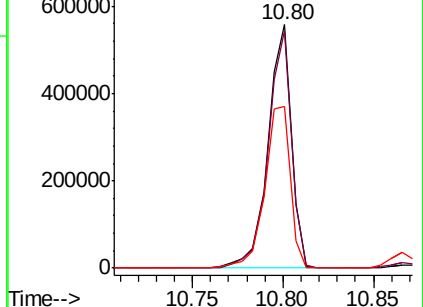
141 66.4 74.4 111.6#

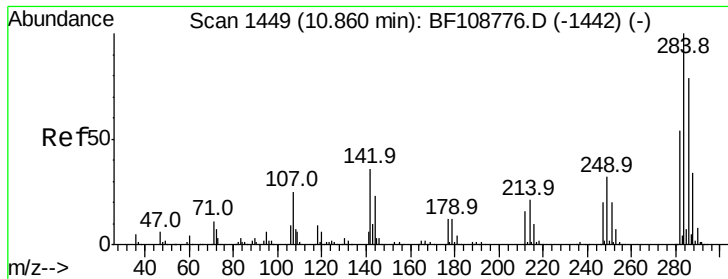


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.789 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

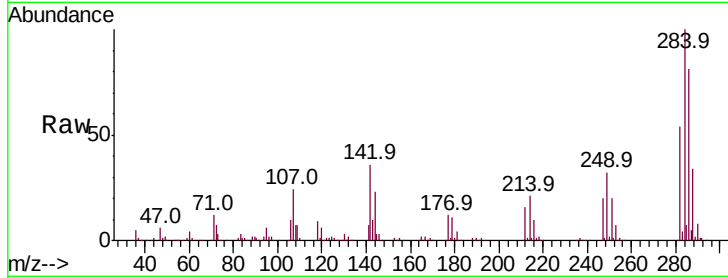
ClientSampleId :

PB112638BS

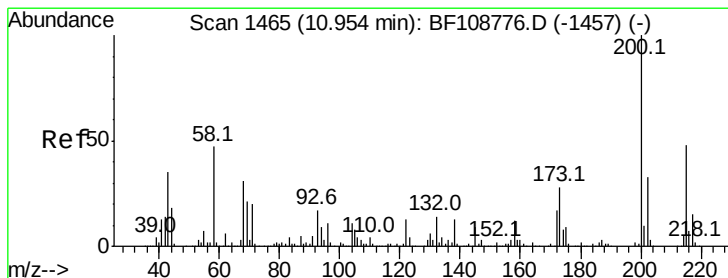
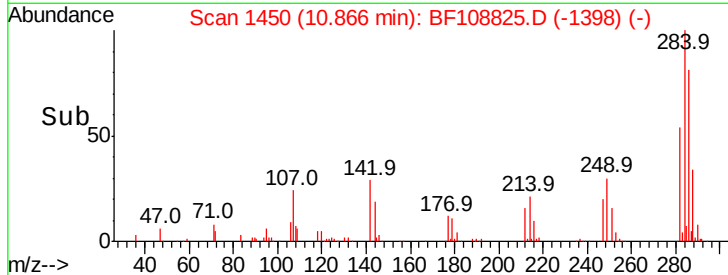
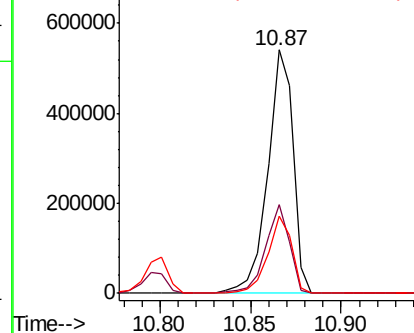
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.2	34.6	52.0	
249	31.8	24.8	37.2	

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.566 ng

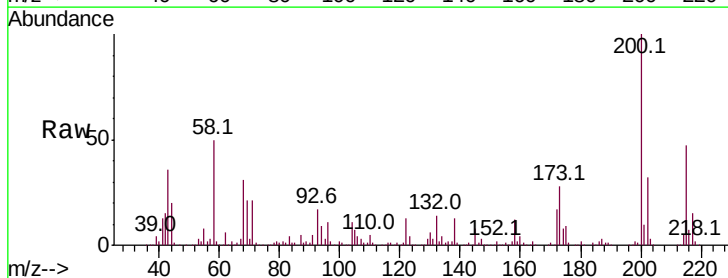
RT: 10.96 min Scan# 1466

Delta R.T. 0.01 min

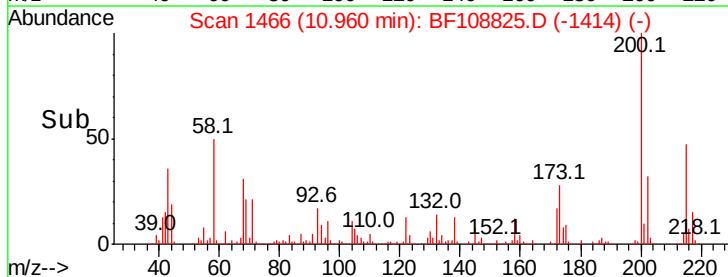
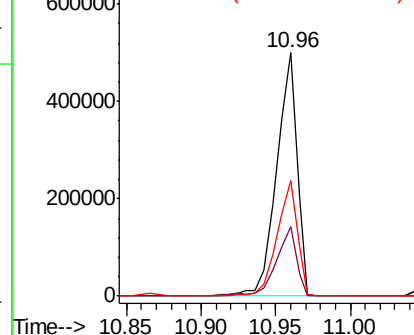
Lab File: BF108825.D

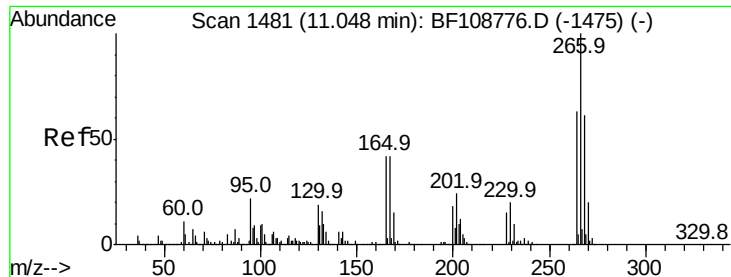
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	8.6	48.6	
215	47.3	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





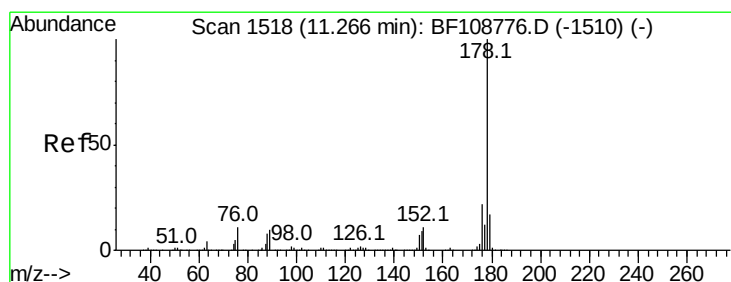
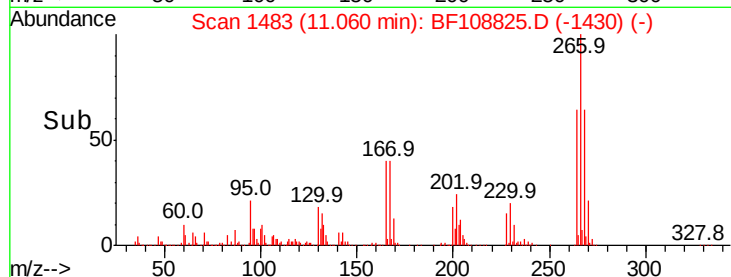
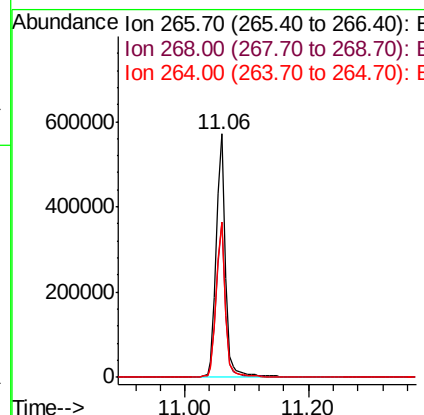
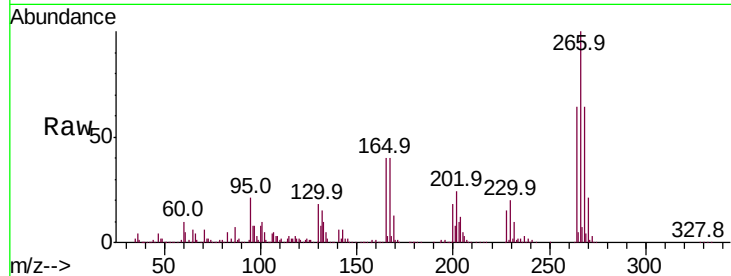
#69
 Pentachlorophenol
 Concen: 68.332 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	582173		
268	63.7		51.1	76.7
264	63.8		49.5	74.3

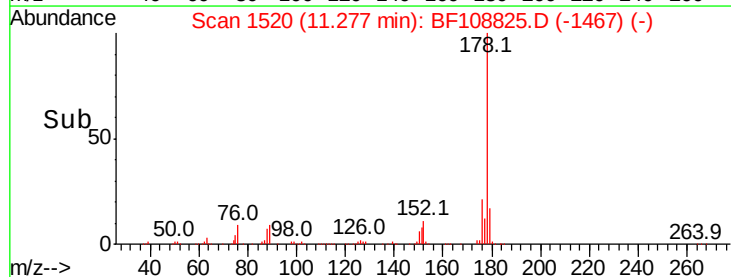
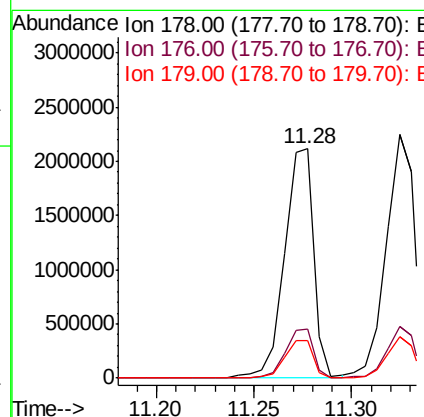
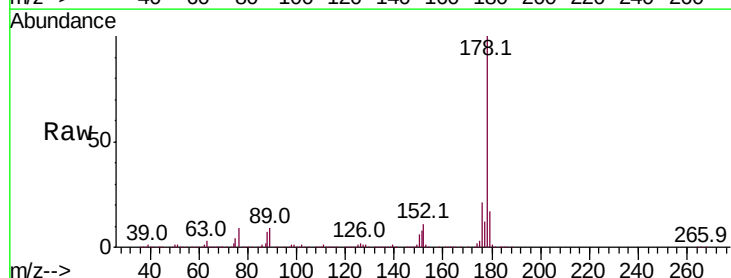
Manual Integrations
 APPROVED

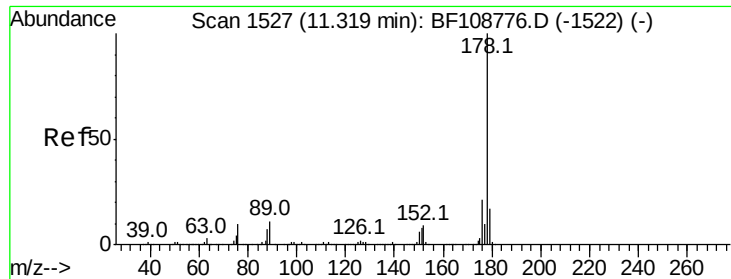
Sohil
 9/7/2018 11:15:46 AM



#70
 Phenanthrene
 Concen: 39.700 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2191199		
176	21.4		15.8	23.8
179	16.6		13.0	19.6





#71
 Anthracene
 Concen: 42.483 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

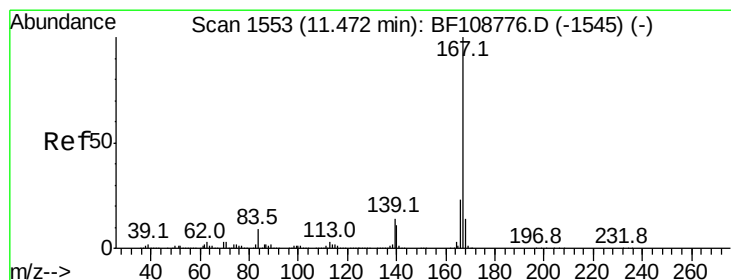
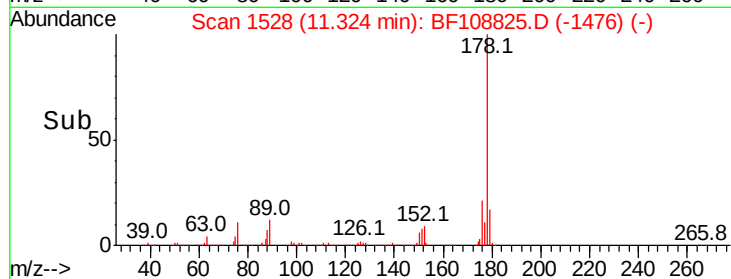
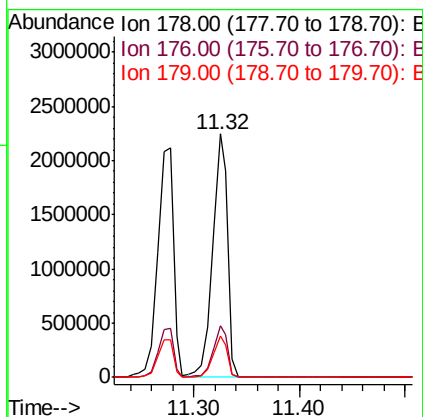
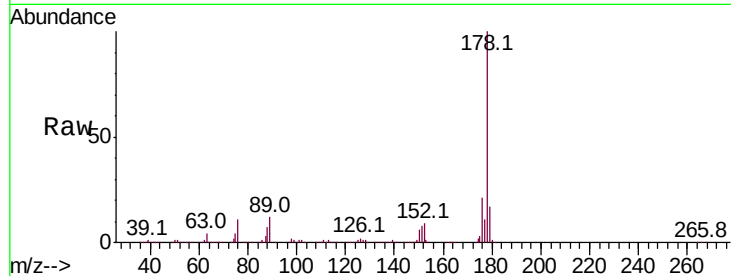
Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion:178 Resp: 2245051

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.4	23.2
179	17.3	12.6	19.0

Manual Integrations
 APPROVED

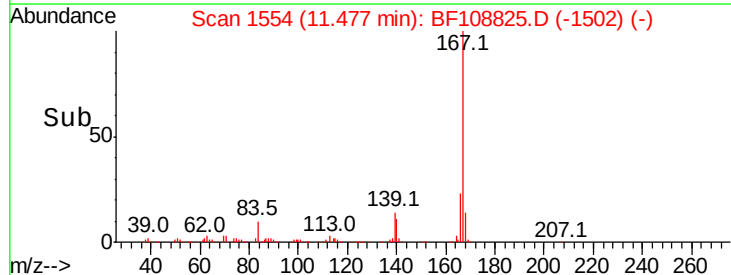
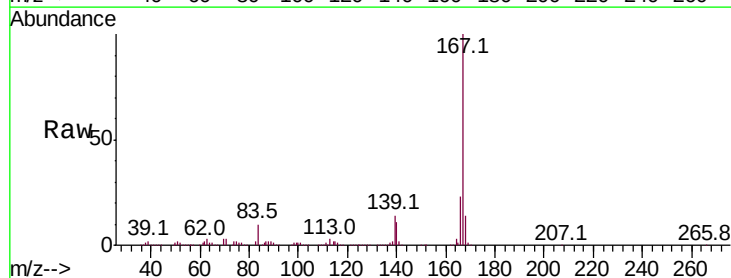
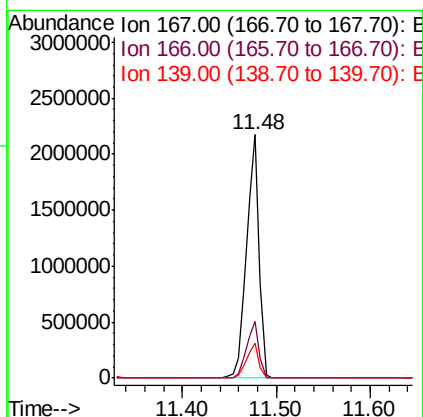
Sohil
 9/7/2018 11:15:46 AM

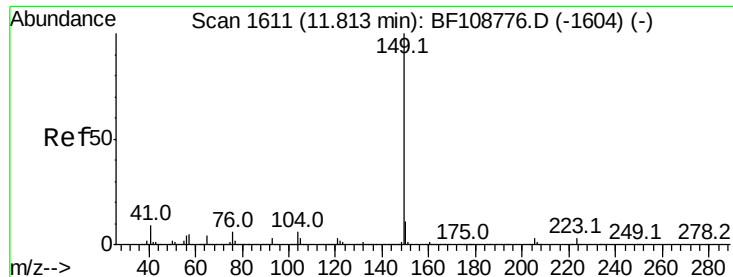


#72
 Carbazole
 Concen: 36.160 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion:167 Resp: 2012466

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	14.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.599 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:149 Resp: 2447330

Ion Ratio Lower Upper

149 100

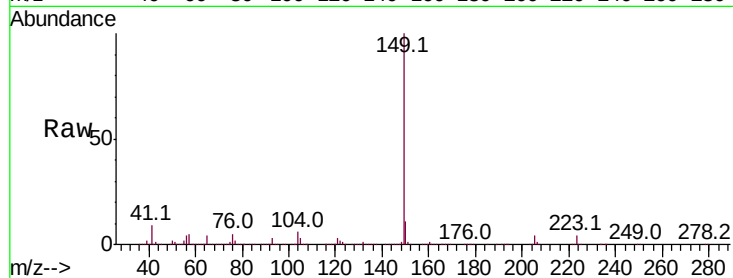
150 10.7 7.8 11.6

104 5.6 3.8 5.8

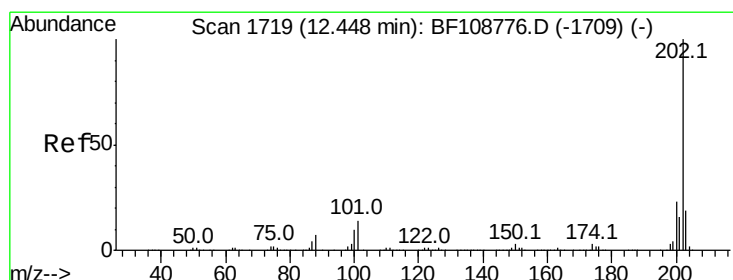
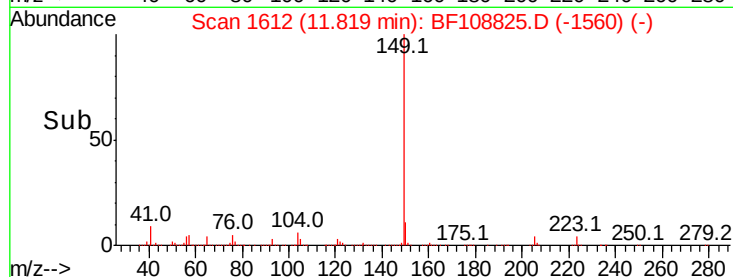
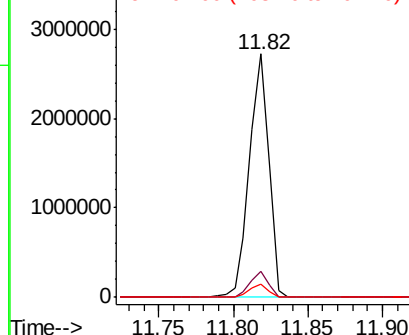
Manual Integrations
APPROVED

Sohil

9/7/2018 11:15:46 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: 41.571 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

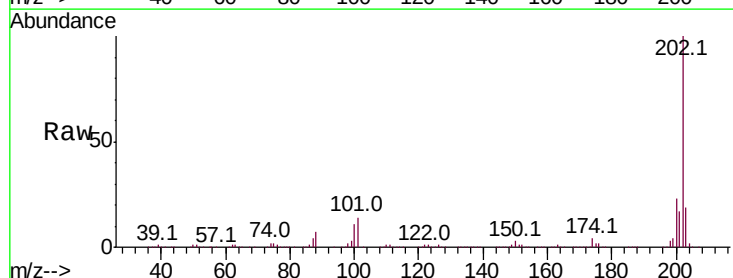
Tgt Ion:202 Resp: 2271784

Ion Ratio Lower Upper

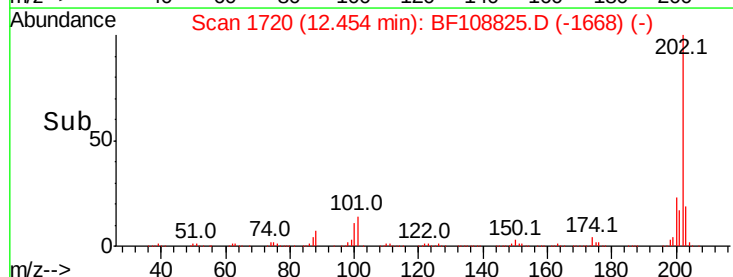
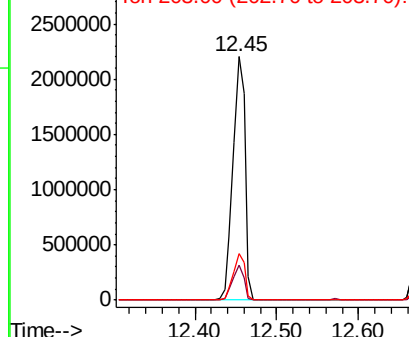
202 100

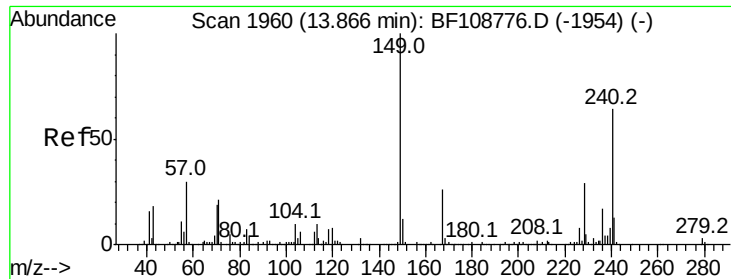
101 14.2 0.0 34.1

203 19.2 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

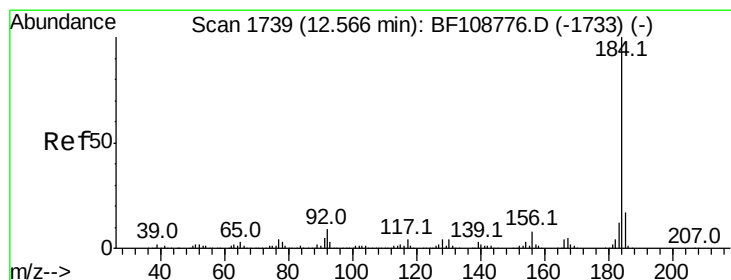
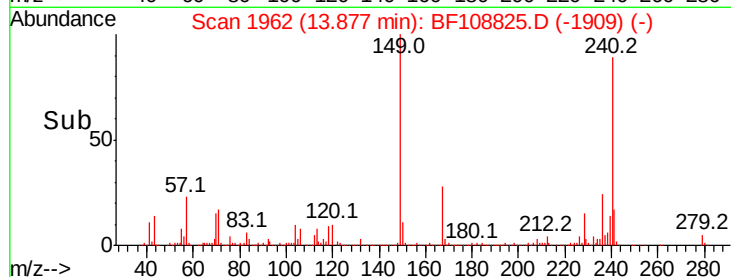
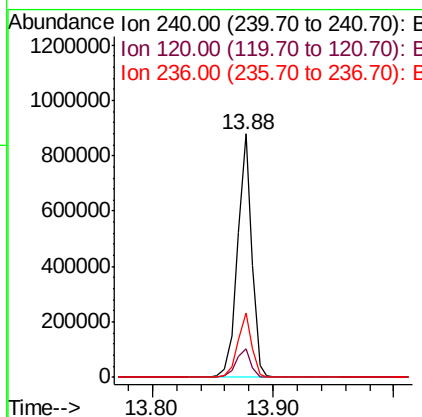
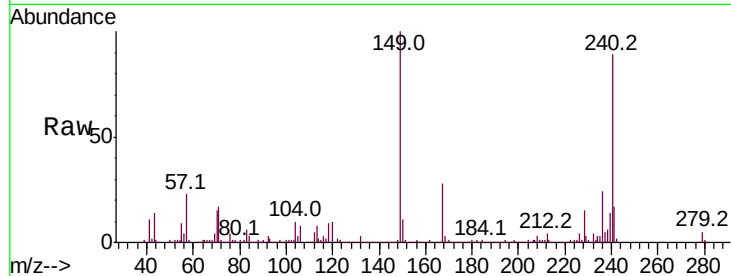
ClientSampleId :

PB112638BS

Tot Ion:	240	Resp:	721139
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM



#76

Benzidine

Concen: 38.168 ng

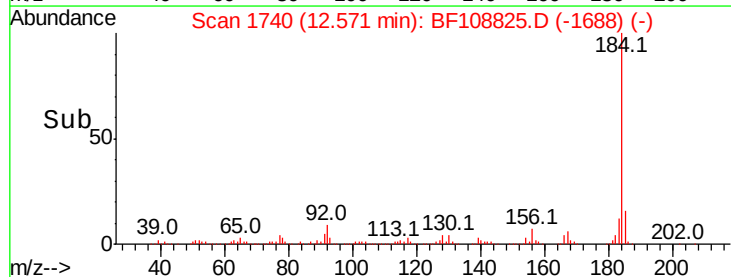
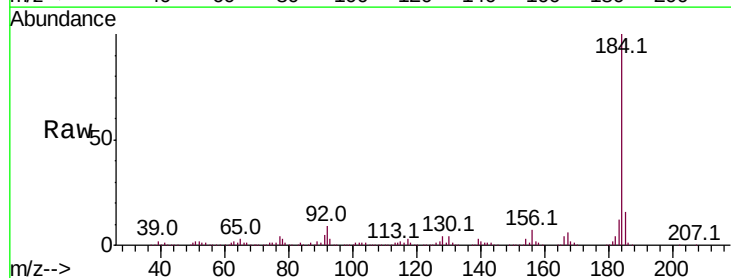
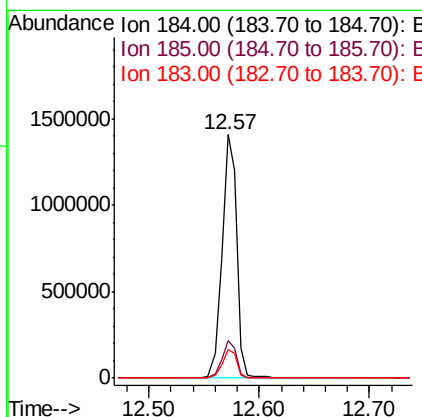
RT: 12.57 min Scan# 1740

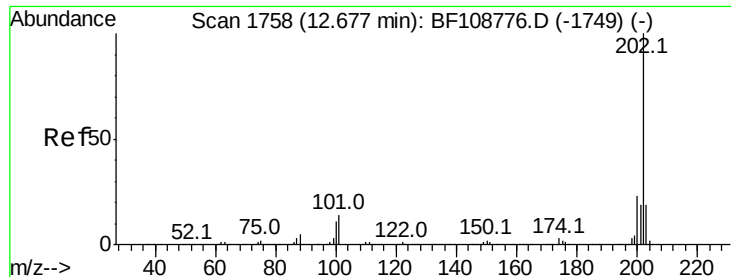
Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion:	184	Resp:	1304551
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	11.9	9.3	13.9





#77

Pvrene

Concen: 40.705 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:202 Resp: 2258764

Ion Ratio Lower Upper

202 100

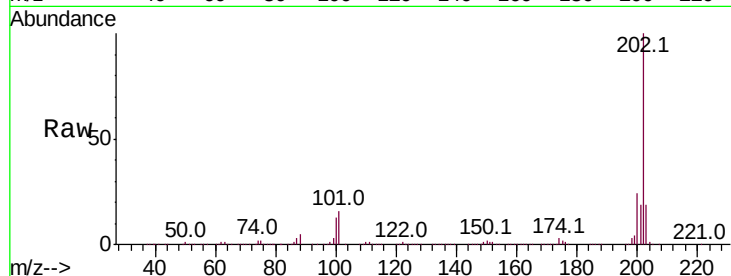
200 23.7 17.4 26.2

203 19.0 14.3 21.5

Manual Integrations
APPROVED

Sohil

9/7/2018 11:15:46 AM

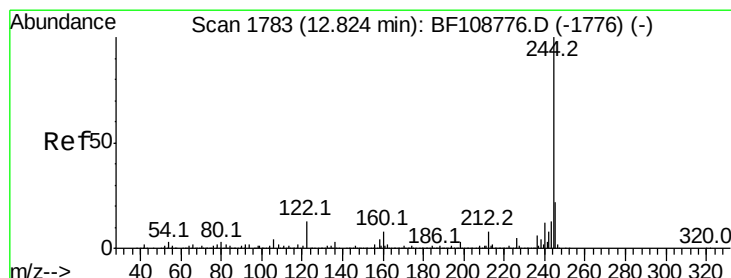
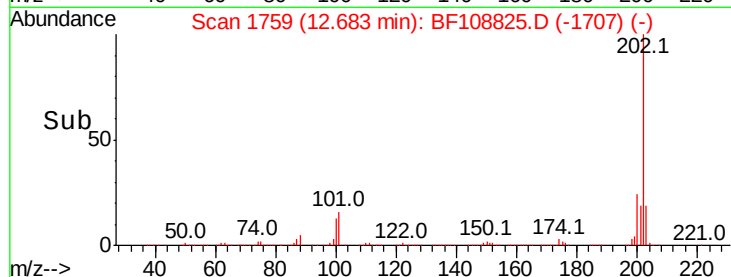
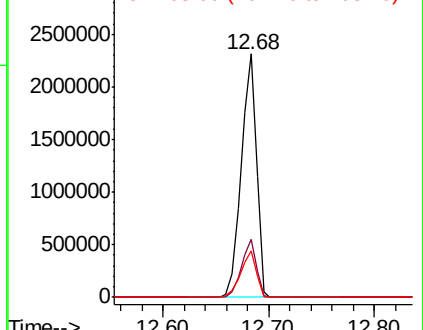


Abundance

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: 80.358 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

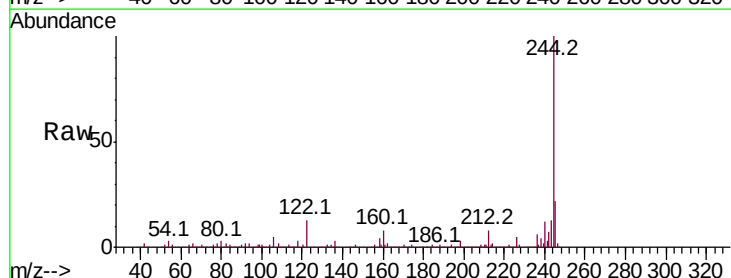
Tgt Ion:244 Resp: 2485063

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

122 13.1 11.0 16.4

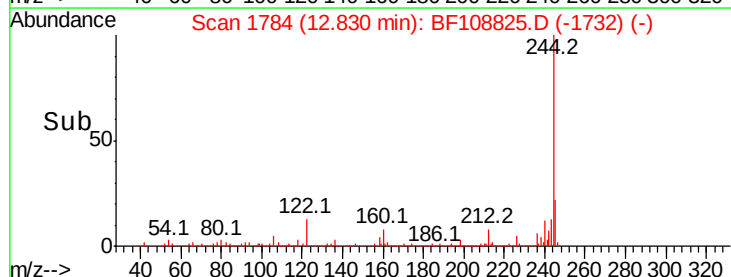
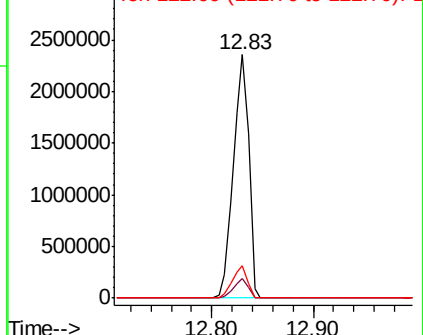


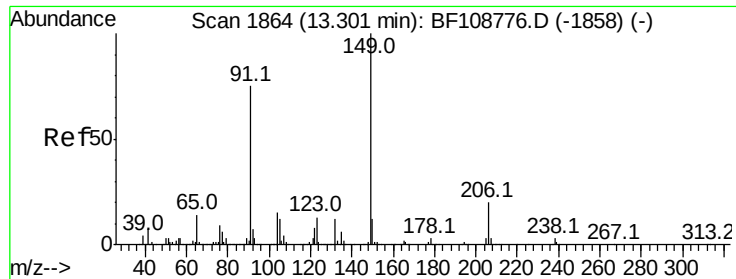
Abundance

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





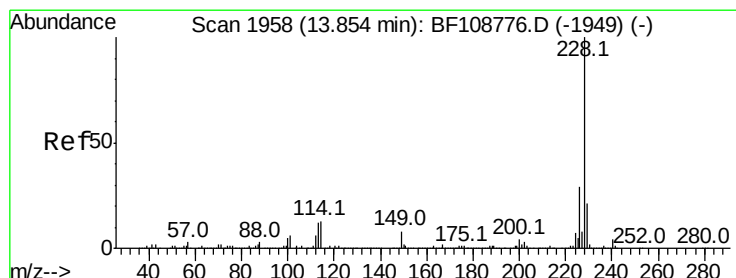
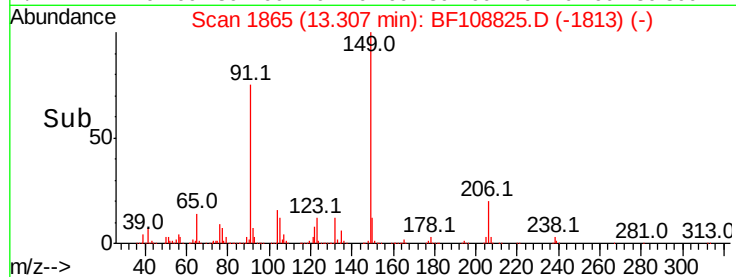
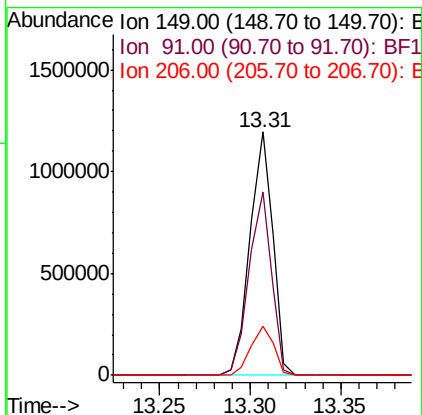
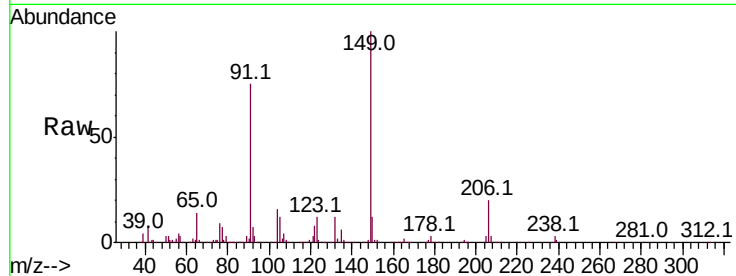
#79
Butylbenzylphthalate
Concen: 41.921 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	56.8	85.2
206	19.9	14.1	21.1

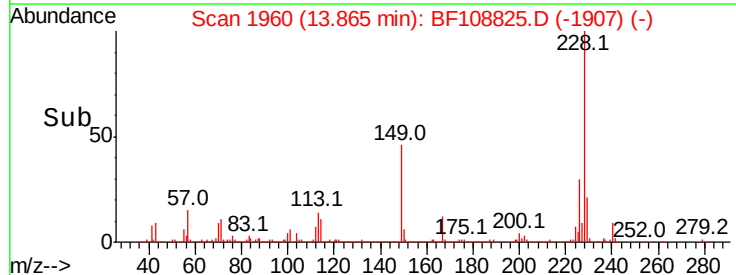
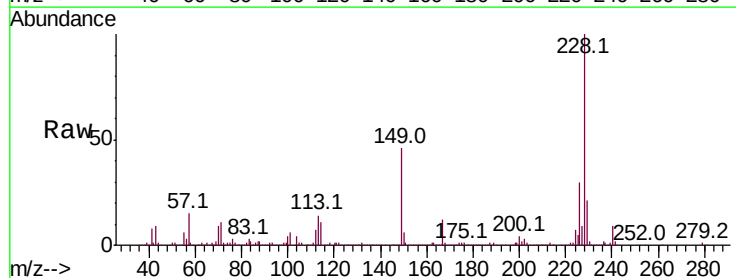
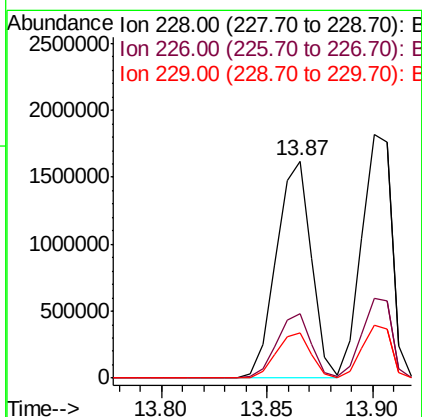
Manual Integrations
APPROVED

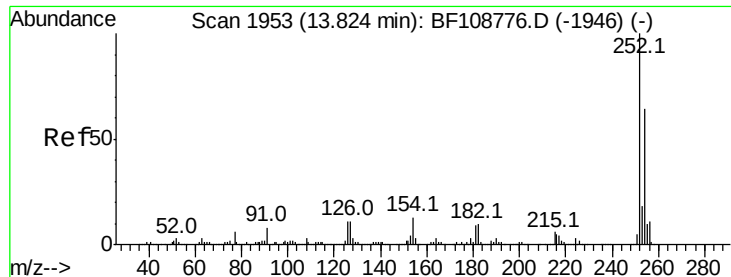
Sohil
9/7/2018 11:15:46 AM



#80
Benzo(a)anthracene
Concen: 40.527 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.0	15.8	23.6





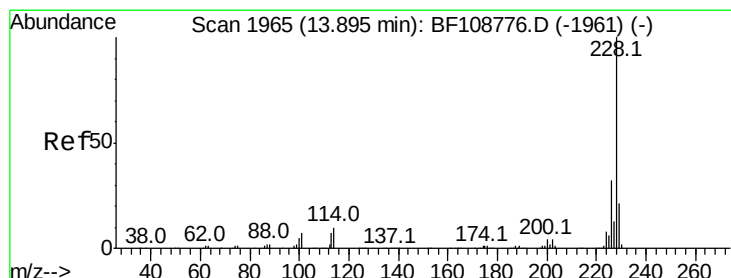
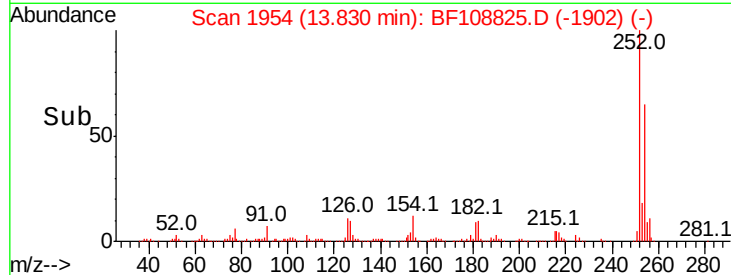
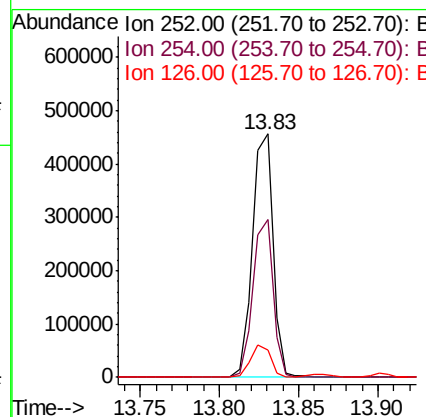
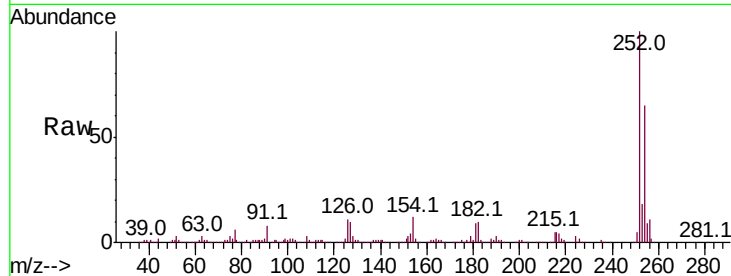
#81
 3,3'-Dichlorobenzidine
 Concen: 22.872 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	411891		
254	64.9	50.4	75.6	
126	11.0	11.3	16.9	

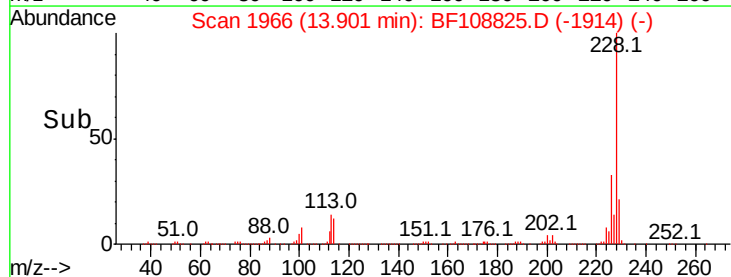
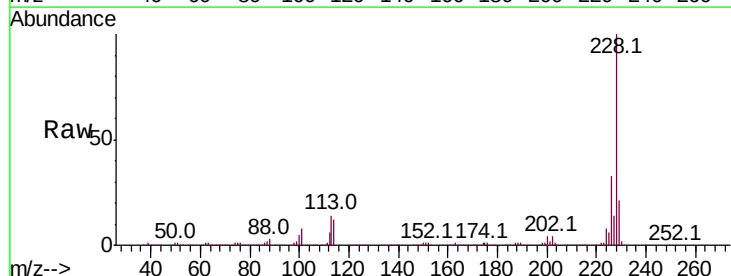
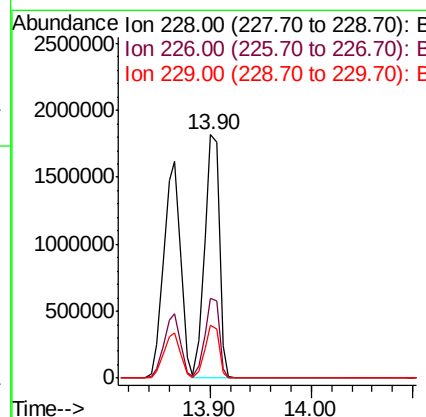
Manual Integrations
 APPROVED

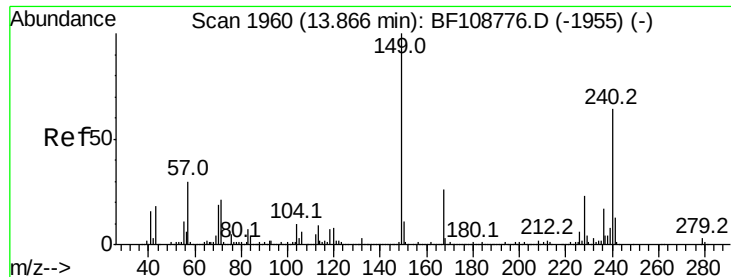
Sohil
 9/7/2018 11:15:46 AM



#82
 Chrysene
 Concen: 40.850 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108825.D
 Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1827917		
226	32.9	25.0	37.6	
229	21.5	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.956 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Tot Ion:149 Resp: 1223359

Ion Ratio Lower Upper

149 100

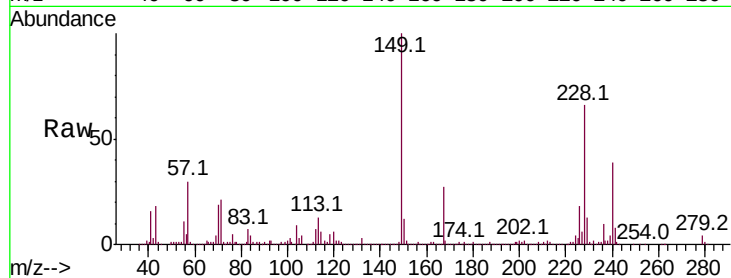
167 27.4 21.3 31.9

279 3.7 3.0 4.4

Manual Integrations
APPROVED

Sohil

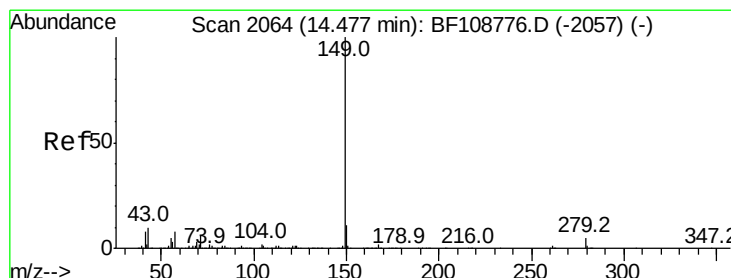
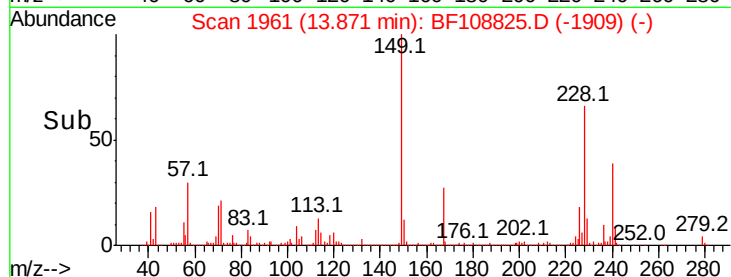
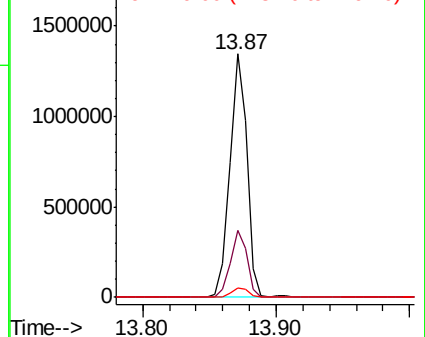
9/7/2018 11:15:46 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.766 ng

RT: 14.48 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tgt Ion:149 Resp: 2239042

Ion Ratio Lower Upper

149 100

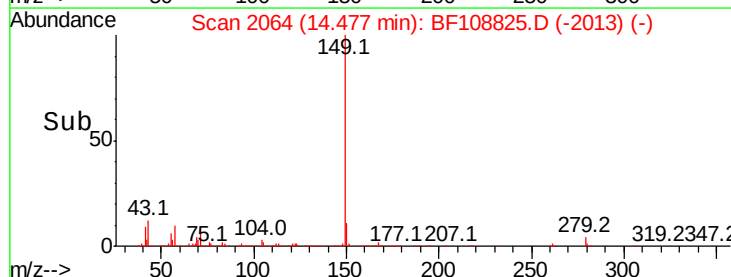
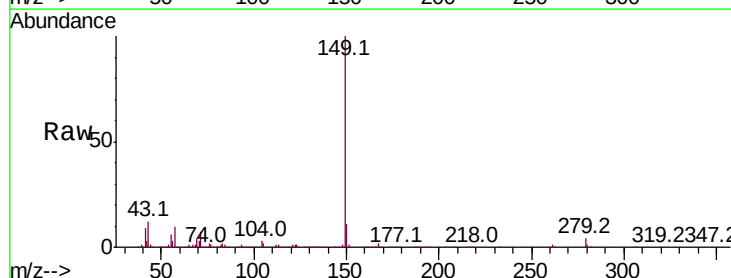
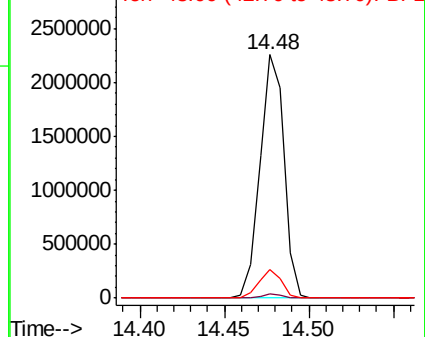
167 1.6 1.2 1.8

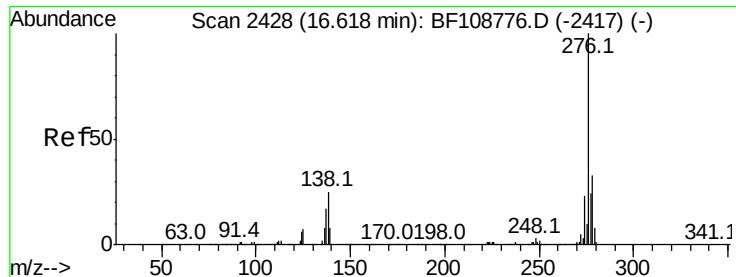
43 10.7 8.4 12.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





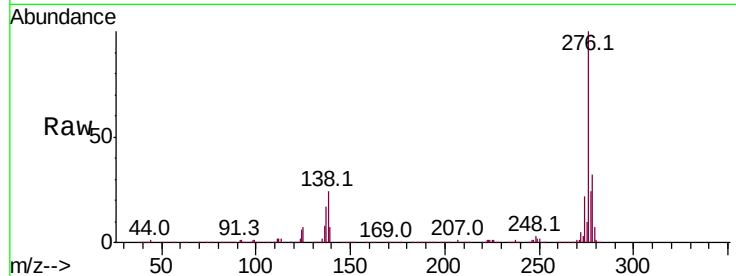
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.306 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM

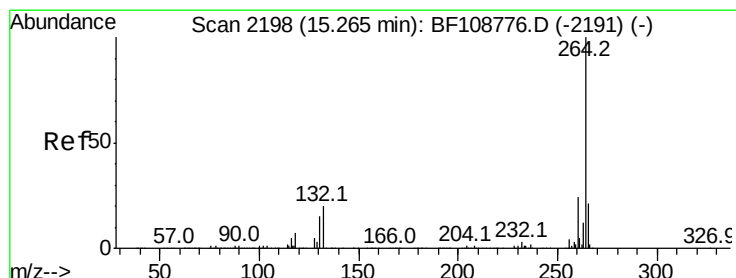
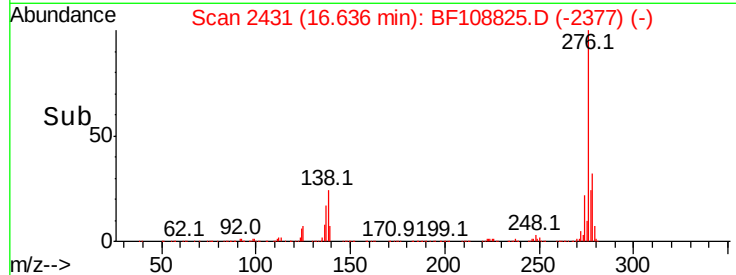
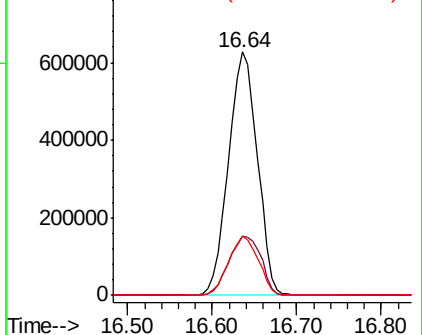


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

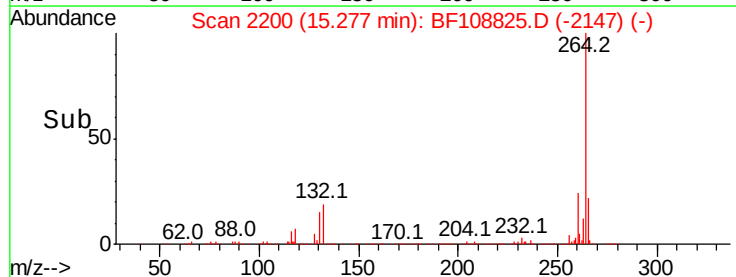
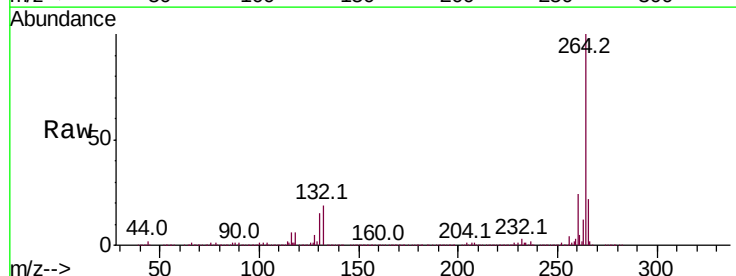
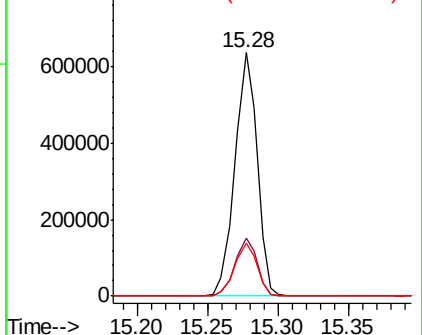
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

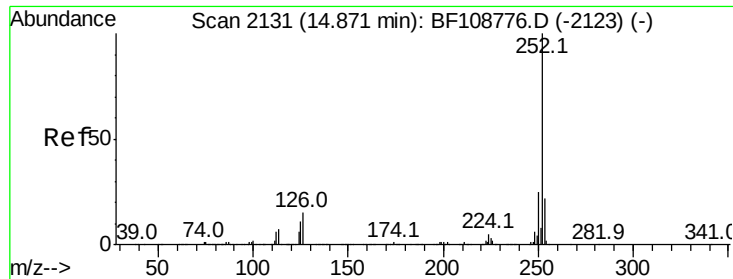
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





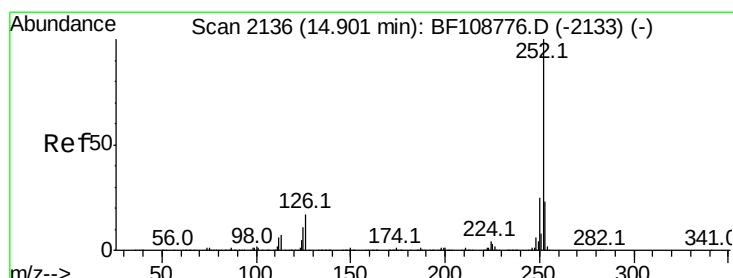
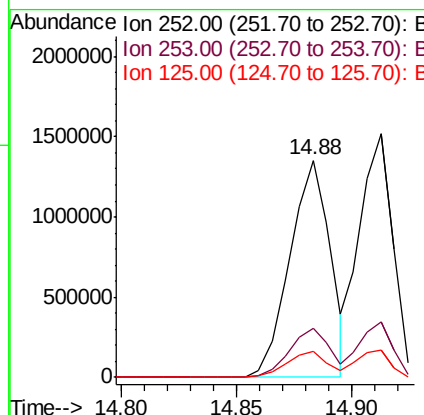
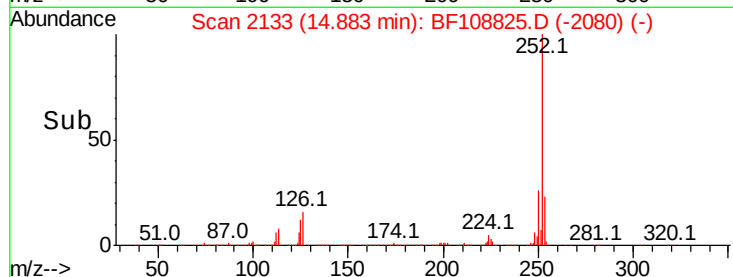
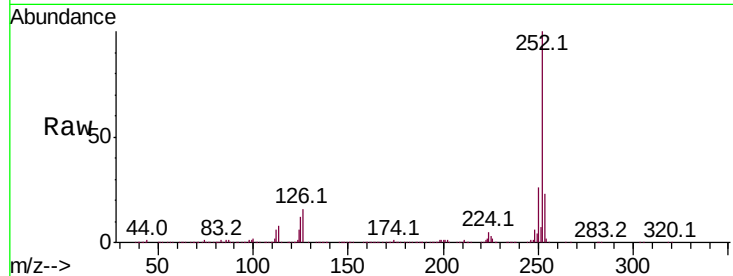
#87
Benzo(b)fluoranthene
Concen: 43.325 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion:252 Resp: 1646646
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.1 9.0 13.6

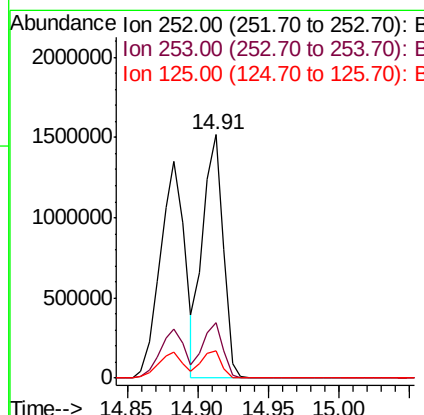
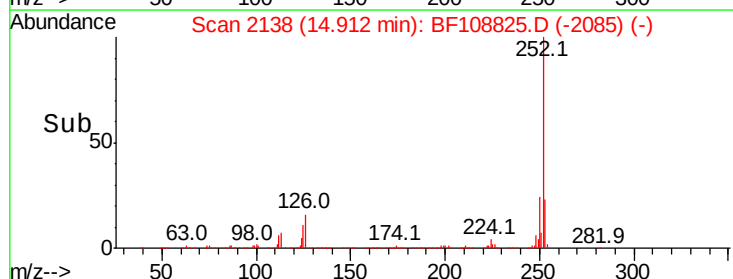
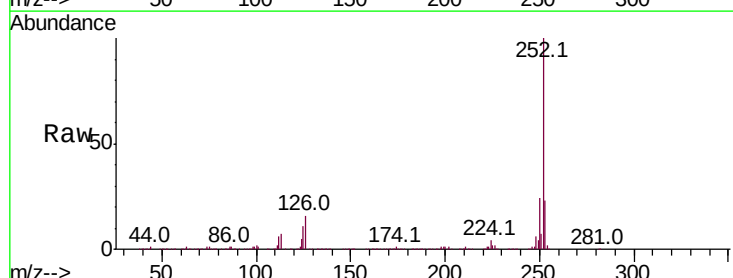
Manual Integrations
APPROVED

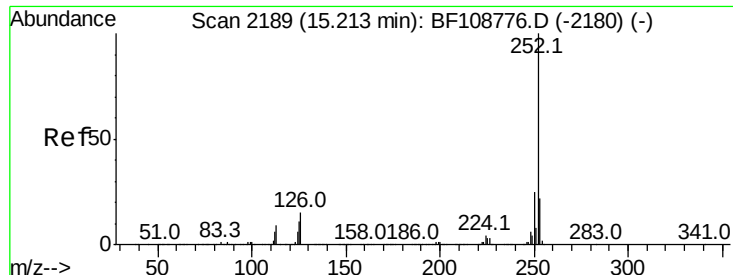
Sohil
9/7/2018 11:15:46 AM



#88
Benzo(k)fluoranthene
Concen: 43.653 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion:252 Resp: 1527880
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.0 10.2 15.2





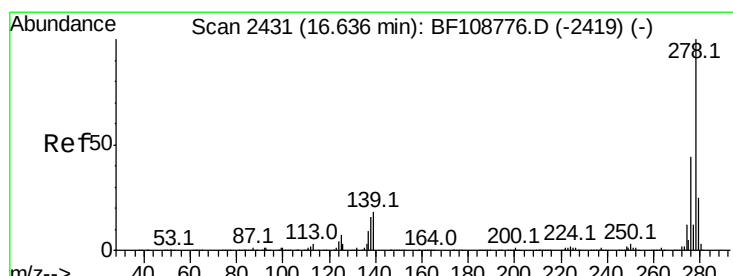
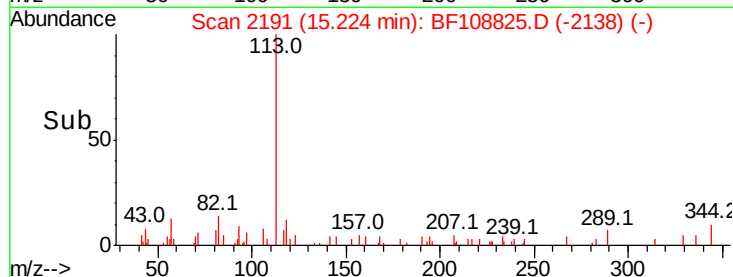
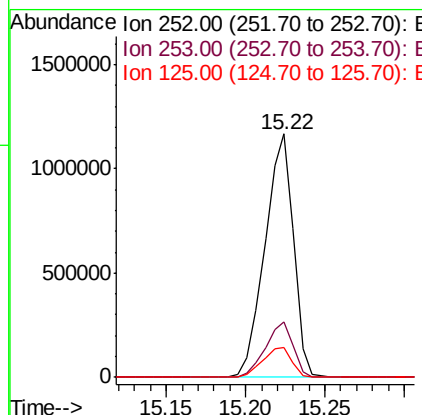
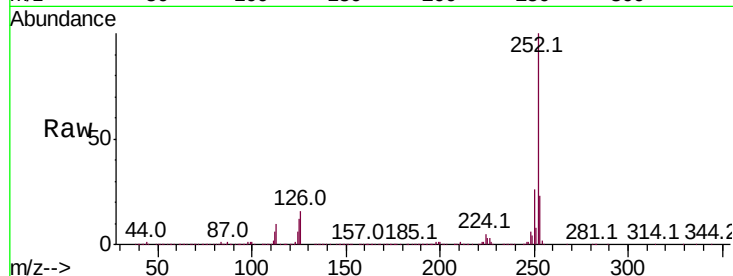
#89
Benzo(a)pyrene
Concen: 42.883 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :
PB112638BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.4	9.8	14.6

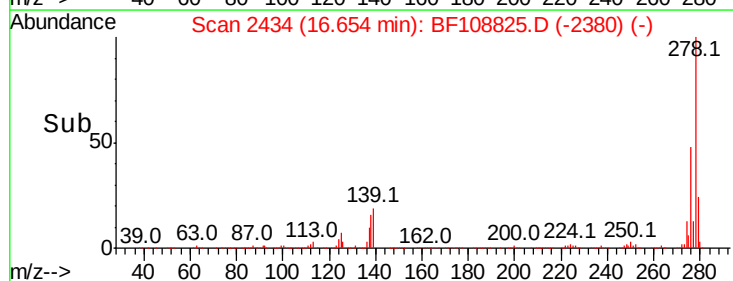
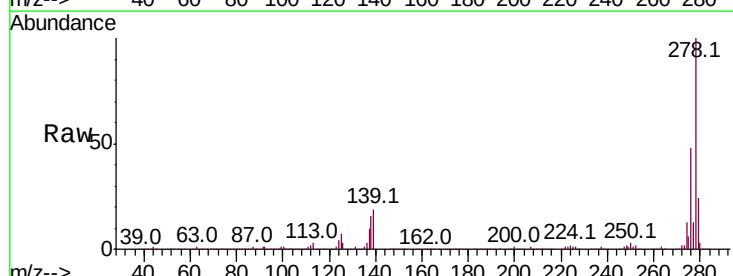
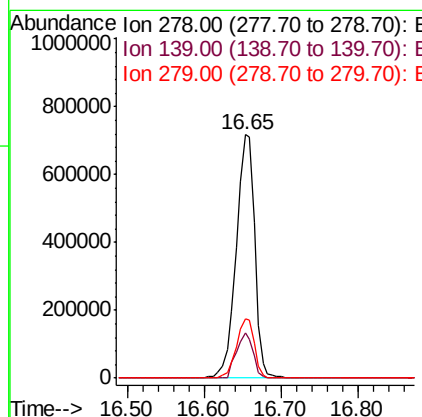
Manual Integrations
APPROVED

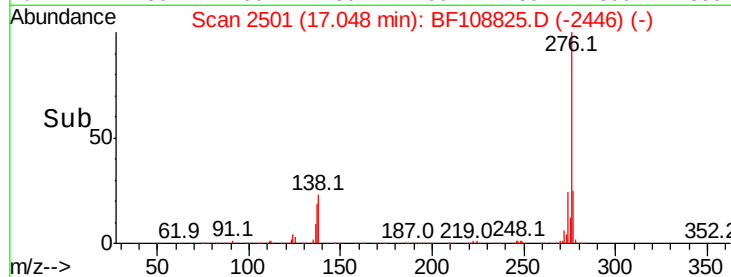
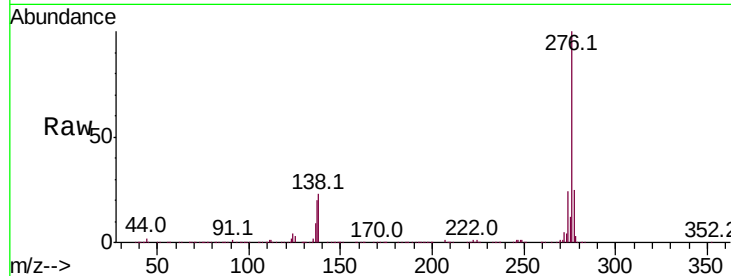
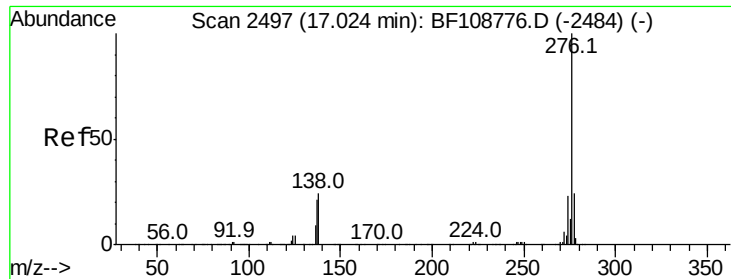
Sohil
9/7/2018 11:15:46 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.200 ng
RT: 16.65 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BF108825.D
Acq: 6 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 41.780 ng

RT: 17.05 min Scan# 2501

Delta R.T. 0.02 min

Lab File: BF108825.D

Acq: 6 Sep 2018 16:08

Tot Ion:	276	Resp:	1264103
Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	23.3	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB112638BS

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:46 AM

