

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108169.D
 Acq On : 15 Aug 2018 16:55
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:01 PM

Quant Time: Aug 15 19:08:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	274401	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	1066922	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	535717	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1028679	20.00	ng	0.00
75) Chrysene-d12	14.22	240	747530	20.00	ng	0.00
86) Perylene-d12	15.78	264	566298	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1199722	79.16	ng	0.02
7) Phenol-d6	6.65	99	1607989	79.84	ng	0.02
23) Nitrobenzene-d5	7.59	82	1568364	82.03	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	468500	87.67	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2628843	78.78	ng	0.00
78) Terphenyl-d14	13.15	244	2489103	84.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	290967	37.361	ng	90
3) Pyridine	3.71	79	758062	37.787	ng	86
4) n-Nitrosodimethylamine	3.68	42	421554	37.343	ng	# 83
6) Aniline	6.69	93	1115828	40.730	ng	96
8) 2-Chlorophenol	6.81	128	686740	40.230	ng	94
9) Benzaldehyde	6.58	77	588780	37.705	ng	96
10) Phenol	6.66	94	834326	40.047	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	683401	40.575	ng	91
12) 1,3-Dichlorobenzene	6.97	146	788267	39.937	ng	98
13) 1,4-Dichlorobenzene	7.04	146	793257	40.001	ng	99
14) 1,2-Dichlorobenzene	7.20	146	724808	39.294	ng	97
15) Benzyl Alcohol	7.16	79	674609	39.787	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1328786	38.296	ng	97
17) 2-Methylphenol	7.27	107	585786	40.016	ng	95
18) Hexachloroethane	7.53	117	290250	41.111	ng	98
19) n-Nitroso-di-n-propylamine	7.44	70	524621	38.519	ng	92
20) 3+4-Methylphenols	7.42	107	728363	38.827	ng	90
22) Acetophenone	7.44	105	968080	38.805	ng	# 95
24) Nitrobenzene	7.61	77	778473	40.264	ng	95
25) Isophorone	7.84	82	1463139	40.148	ng	97
26) 2-Nitrophenol	7.92	139	347124	47.541	ng	89
27) 2,4-Dimethylphenol	7.95	122	646530	39.972	ng	97
28) bis(2-Chloroethoxy)methane	8.05	93	866226	40.716	ng	99
29) 2,4-Dichlorophenol	8.16	162	620522	41.688	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	668138	40.712	ng	97
31) Naphthalene	8.33	128	1910362	39.372	ng	98
32) Benzoic acid	8.08	122	332368	36.978	ng	94
33) 4-Chloroaniline	8.37	127	848995	40.150	ng	96
34) Hexachlorobutadiene	8.44	225	425644	40.970	ng	99
35) Caprolactam	8.77	113	206690m	44.310	ng	
36) 4-Chloro-3-methylphenol	8.85	107	646345	40.251	ng	95
37) 2-Methylnaphthalene	9.02	142	1350171	39.330	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	691503	42.033	ng	98
40) Hexachlorocyclopentadiene	9.17	237	435235	40.959	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108169.D
 Acq On : 15 Aug 2018 16:55
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

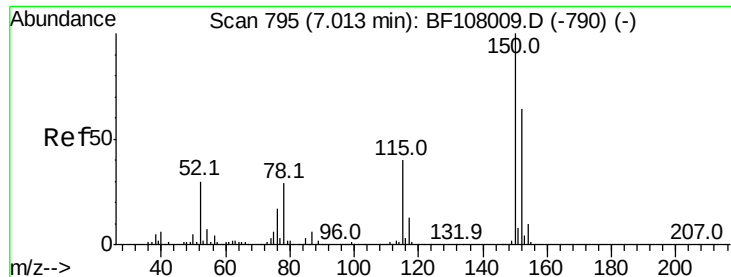
Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:01 PM

Quant Time: Aug 15 19:08:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	458567	44.918	nq	98
43) 2,4,5-Trichlorophenol	9.34	196	488292	43.450	nq	95
45) 1,1'-Biphenyl	9.48	154	1592217	40.311	nq	98
46) 2-Chloronaphthalene	9.51	162	1261424	40.407	nq	98
47) 2-Nitroaniline	9.61	65	438098	43.372	nq	85
48) Acenaphthylene	9.94	152	1958332	39.680	nq	97
49) Dimethylphthalate	9.78	163	1501175	40.228	nq	# 98
50) 2,6-Dinitrotoluene	9.85	165	338027	43.295	nq	88
51) Acenaphthene	10.11	154	1221031	40.393	nq	99
52) 3-Nitroaniline	10.02	138	357157	41.810	nq	92
53) 2,4-Dinitrophenol	10.12	184	124506	45.893	nq	# 19
54) Dibenzofuran	10.28	168	1715934	39.181	nq	93
55) 4-Nitrophenol	10.17	139	270907	41.880	nq	84
56) 2,4-Dinitrotoluene	10.26	165	442094	43.991	nq	# 94
57) Fluorene	10.62	166	1368053	39.461	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	409905	43.639	nq	# 86
59) Diethylphthalate	10.48	149	1408972	38.991	nq	# 94
60) 4-Chlorophenyl-phenylether	10.61	204	706553	39.112	nq	93
61) 4-Nitroaniline	10.64	138	363777	43.073	nq	93
62) Azobenzene	10.77	77	1451061	38.884	nq	91
64) 4,6-Dinitro-2-methylphenol	10.67	198	174653	45.533	nq	79
65) n-Nitrosodiphenylamine	10.73	169	1246841	41.017	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	464941	41.591	nq	# 86
67) Hexachlorobenzene	11.17	284	487433	41.441	nq	# 88
68) Atrazine	11.25	200	428229	42.001	nq	95
69) Pentachlorophenol	11.37	266	242099	43.003	nq	99
70) Phenanthrene	11.60	178	1934956	39.880	nq	98
71) Anthracene	11.65	178	1997127	40.161	nq	98
72) Carbazole	11.80	167	1755620	39.736	nq	98
73) Di-n-butylphthalate	12.11	149	2067387	41.311	nq	99
74) Fluoranthene	12.79	202	2066124	39.018	nq	95
76) Benzidine	12.90	184	1218833	43.640	nq	98
77) Pyrene	13.02	202	2068244	43.702	nq	97
79) Butylbenzylphthalate	13.62	149	885508	47.120	nq	# 95
80) Benzo(a)anthracene	14.21	228	1758002	40.979	nq	98
81) 3,3'-Dichlorobenzidine	14.17	252	608600	39.585	nq	# 95
82) Chrysene	14.25	228	1590629	40.442	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	1094021	42.989	nq	98
84) Di-n-octyl phthalate	14.80	149	1720658	44.334	nq	95
85) Indeno(1,2,3-cd)pyrene	17.41	276	1283349	37.659	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1411800	41.722	nq	97
88) Benzo(k)fluoranthene	15.35	252	1281170	41.187	nq	# 96
89) Benzo(a)pyrene	15.72	252	1261361	41.627	nq	97
90) Dibenzo(a,h)anthracene	17.44	278	1056894	42.155	nq	# 93
91) Benzo(g,h,i)perylene	17.92	276	1068905	43.297	nq	# 90

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



#1

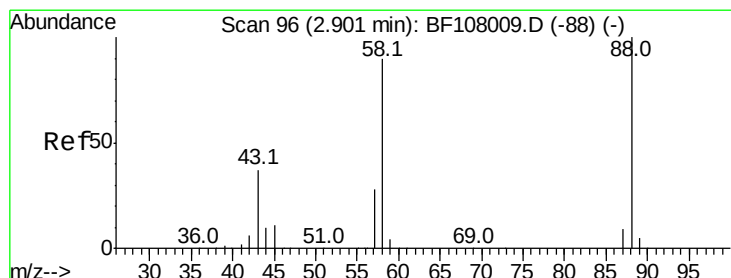
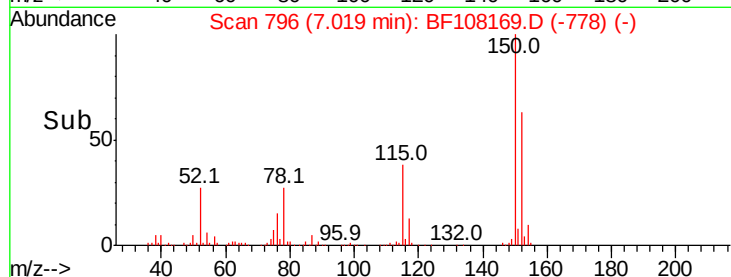
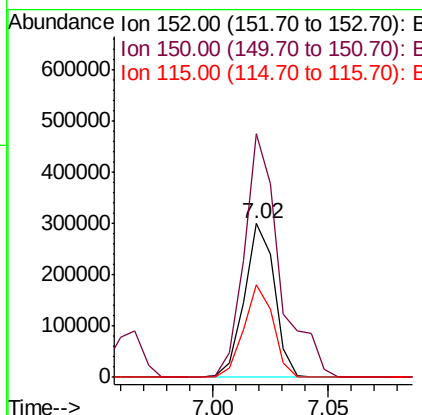
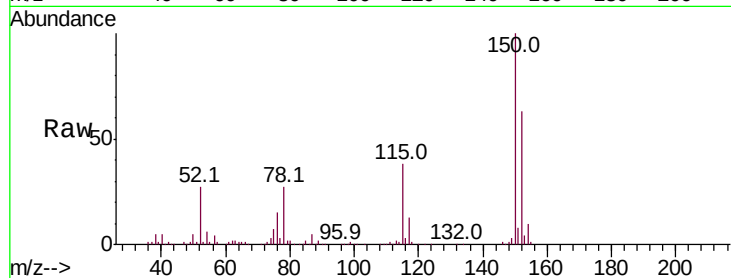
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

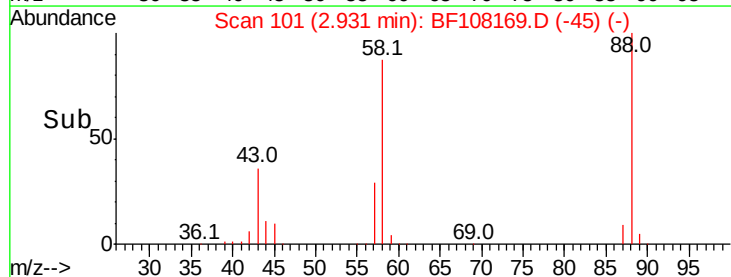
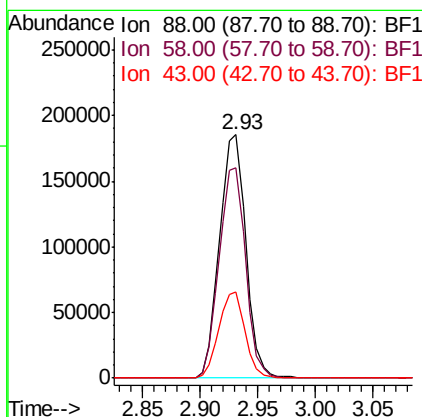
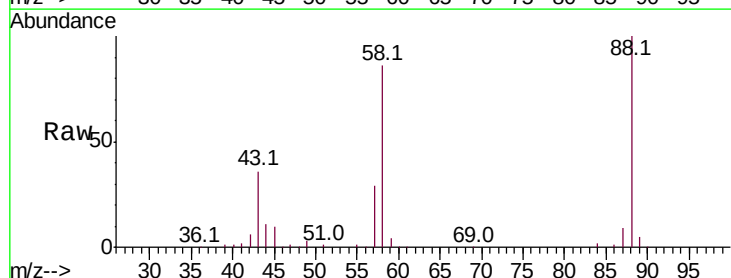
Sohil
8/16/2018 5:27:01 PM

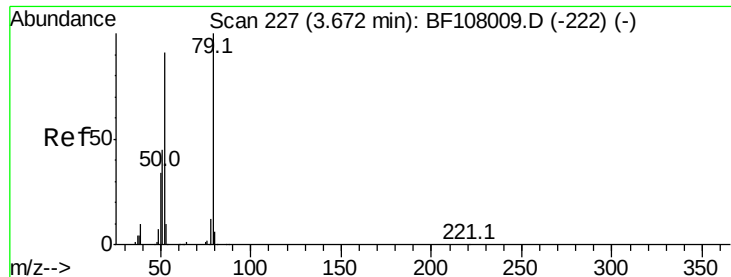


#2

1,4-Dioxane
Concen: 37.361 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	35.7	24.6	37.0





#3

Pvridine

Concen: 37.787 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 758062

Ion Ratio Lower Upper

79 100

52 87.8 59.8 89.6

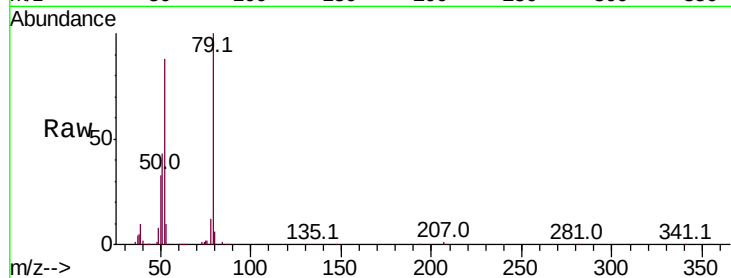
51 43.3 29.8 44.8

Manual Integrations

APPROVED

Sohil

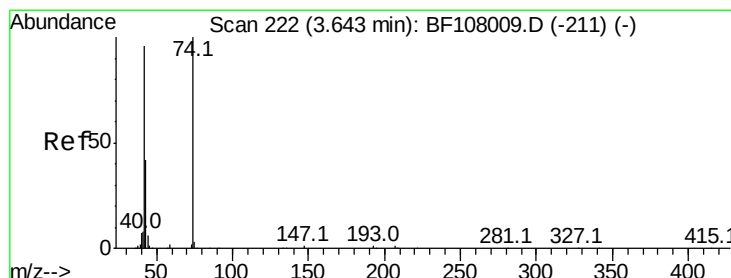
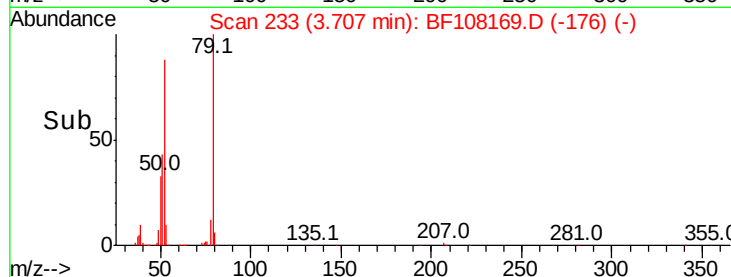
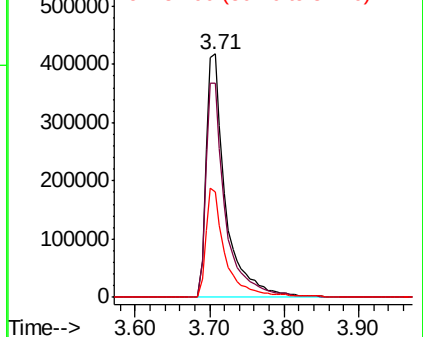
8/16/2018 5:27:01 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.343 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

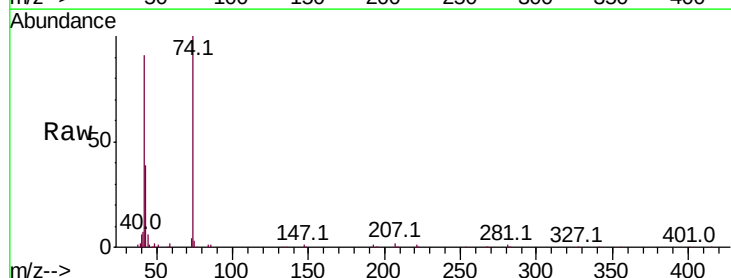
Tgt Ion: 42 Resp: 421554

Ion Ratio Lower Upper

42 100

74 109.8 104.9 157.3

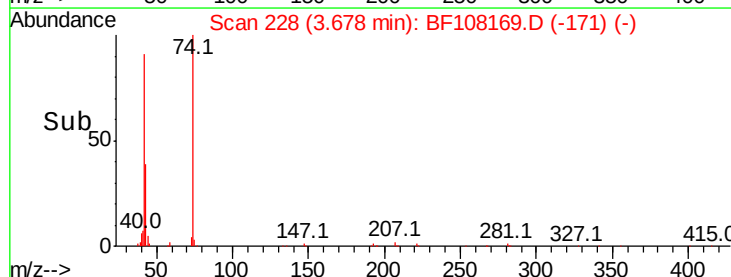
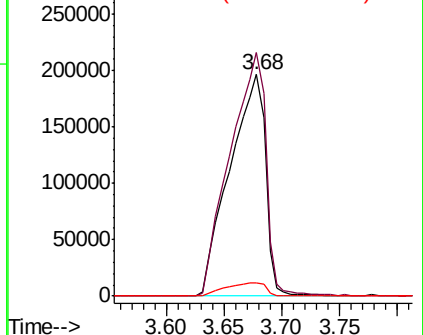
44 6.2 6.9 10.3#

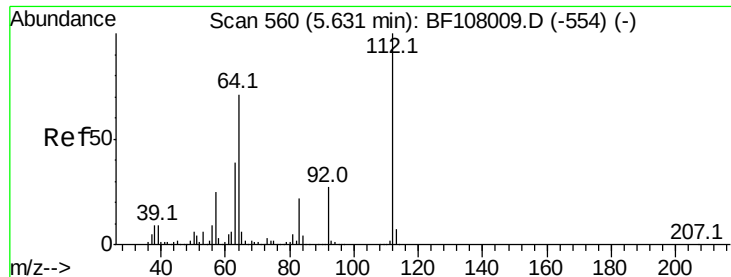


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.156 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1199722

Ion Ratio Lower Upper

112 100

64 69.8 47.9 71.9

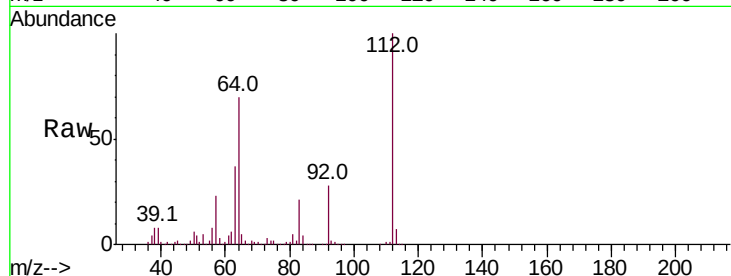
63 36.6 23.7 35.5#

Manual Integrations

APPROVED

Sohil

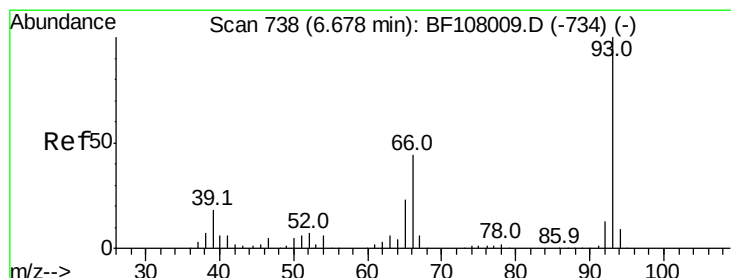
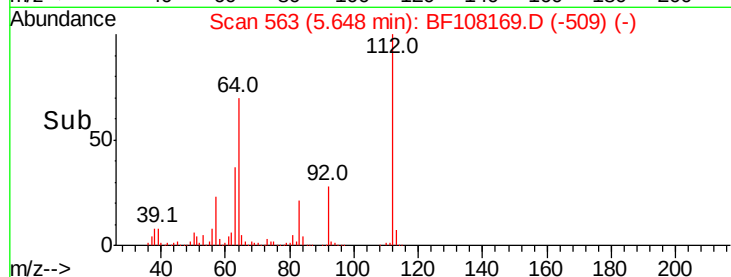
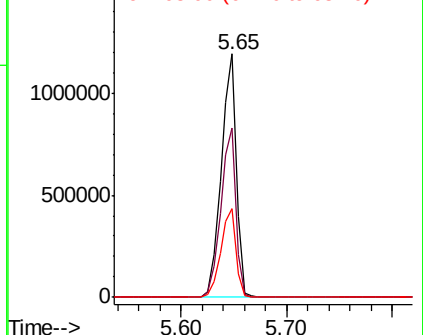
8/16/2018 5:27:01 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.730 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

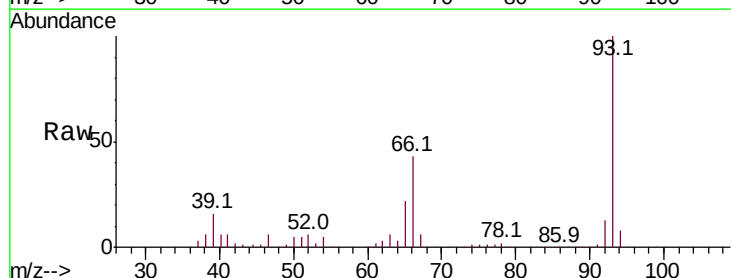
Tgt Ion: 93 Resp: 1115828

Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

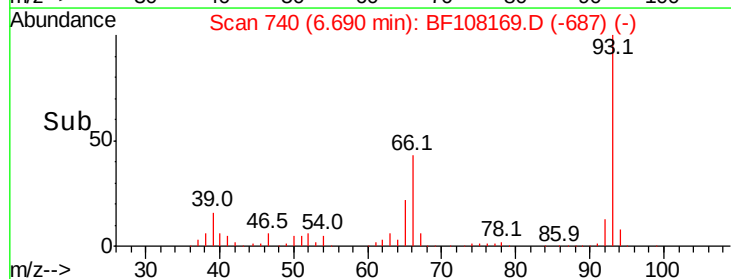
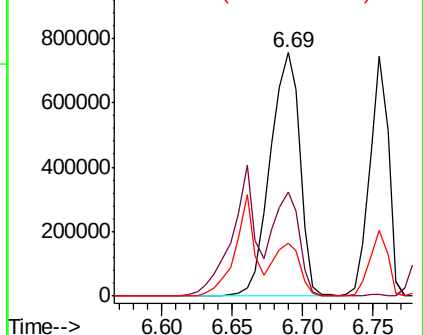
65 22.0 16.4 24.6

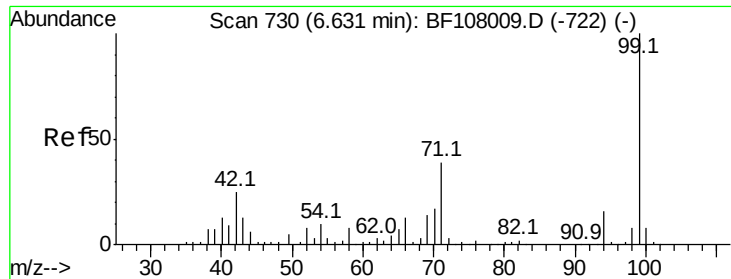


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.837 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1607989

Ion Ratio Lower Upper

99 100

42 23.5 14.5 21.7#

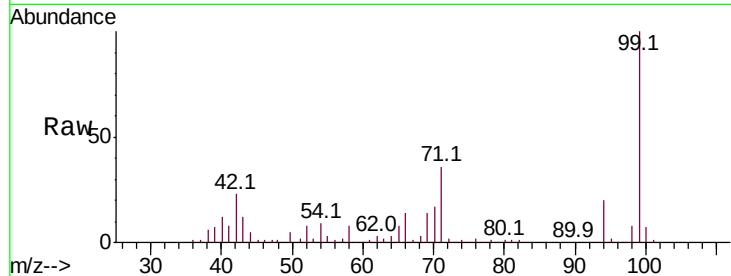
71 36.3 25.4 38.0

Manual Integrations

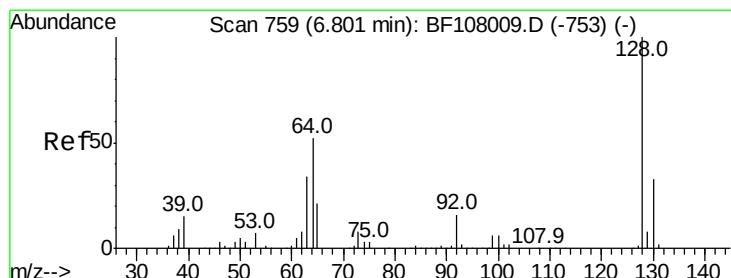
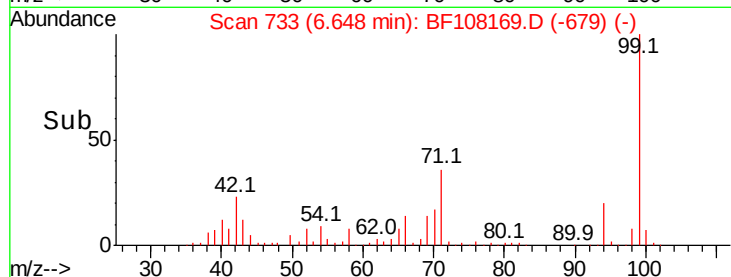
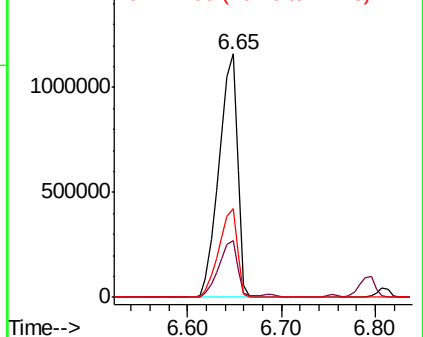
APPROVED

Sohil

8/16/2018 5:27:01 PM



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



#8

2-Chlorophenol

Concen: 40.230 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

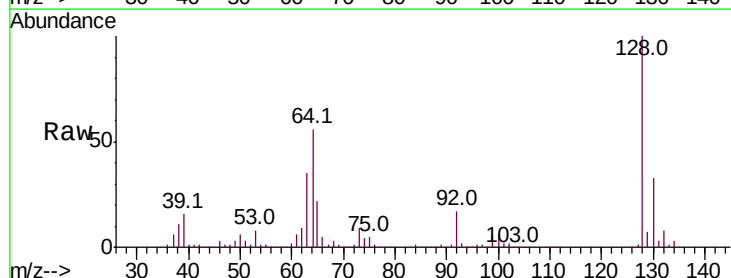
Tgt Ion:128 Resp: 686740

Ion Ratio Lower Upper

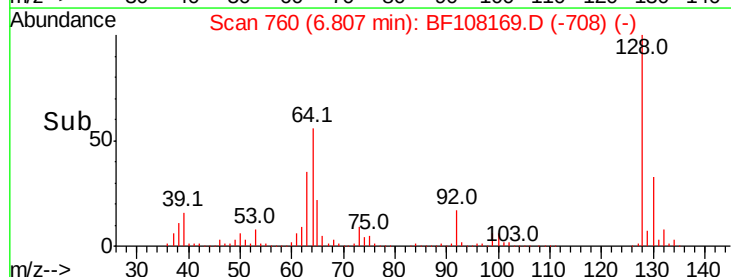
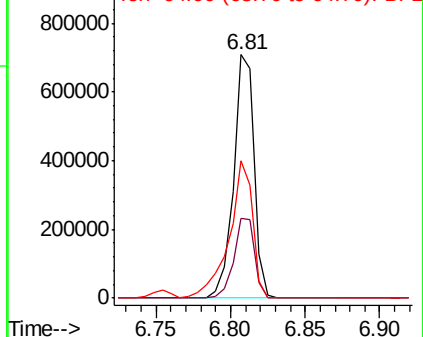
128 100

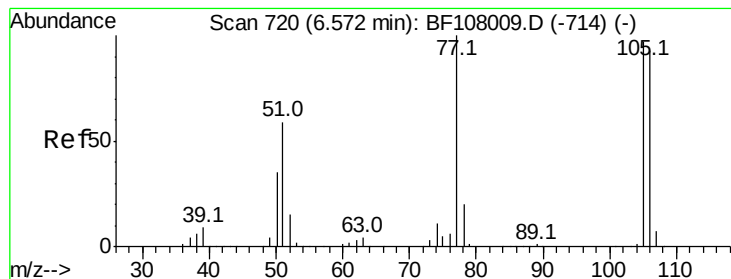
130 32.5 13.0 53.0

64 56.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 37.705 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

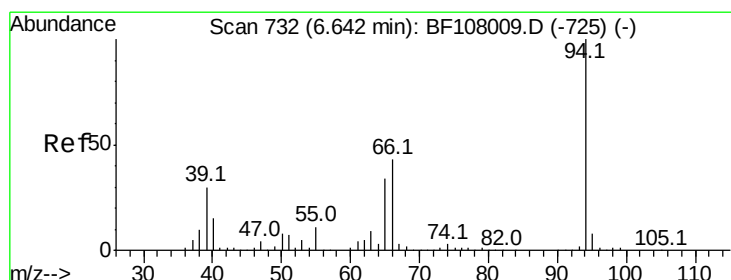
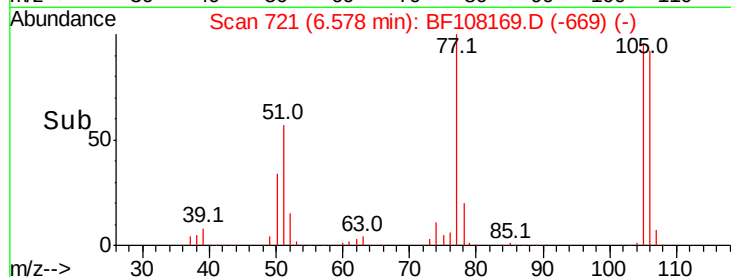
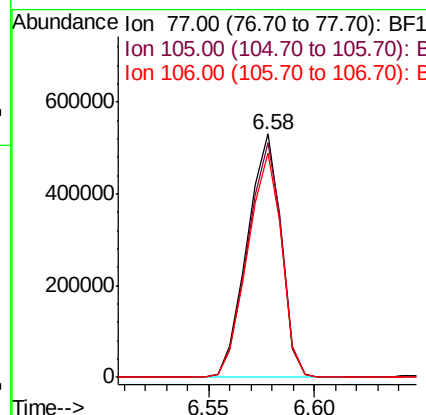
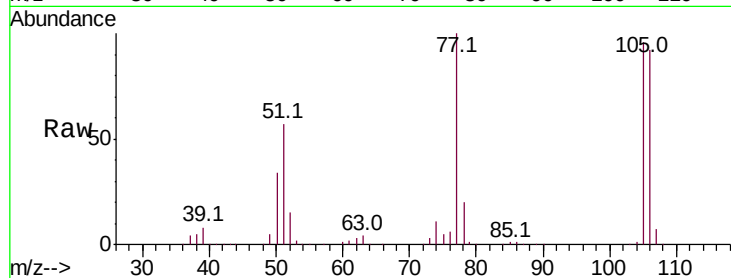
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	588780
Ion Ratio	Lower	Upper	
77	100		
105	96.3	81.1	121.1
106	92.3	74.5	114.5

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM



#10

Phenol

Concen: 40.047 ng

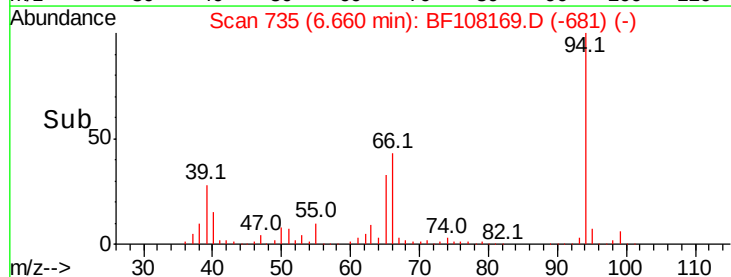
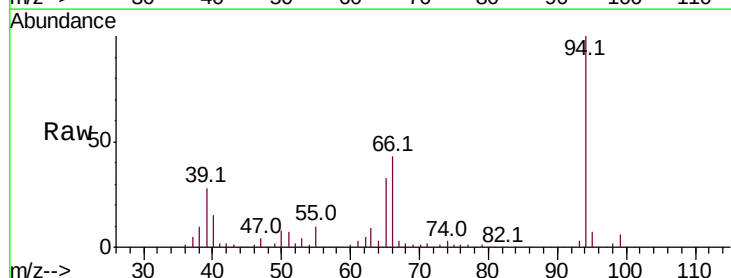
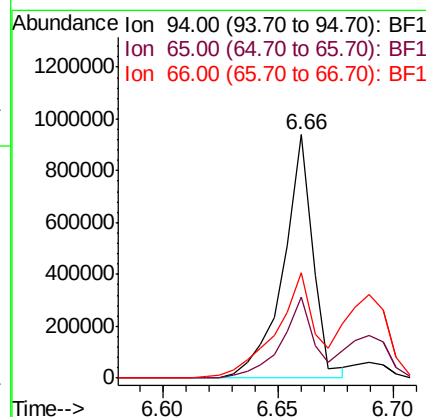
RT: 6.66 min Scan# 735

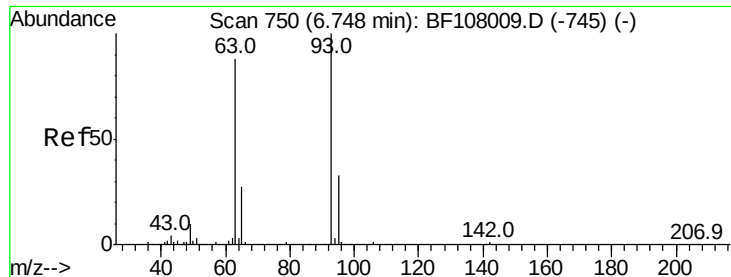
Delta R.T. 0.02 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Tgt Ion:	94	Resp:	834326
Ion Ratio	Lower	Upper	
94	100		
65	33.3	7.9	47.9
66	43.3	16.2	56.2





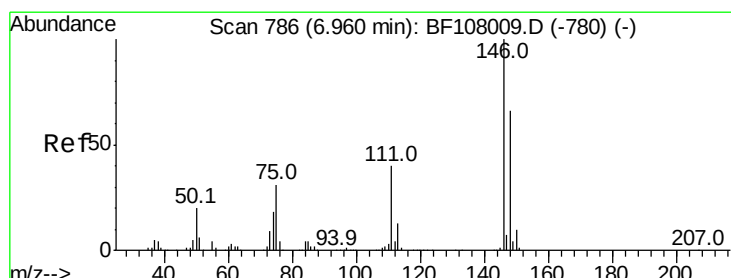
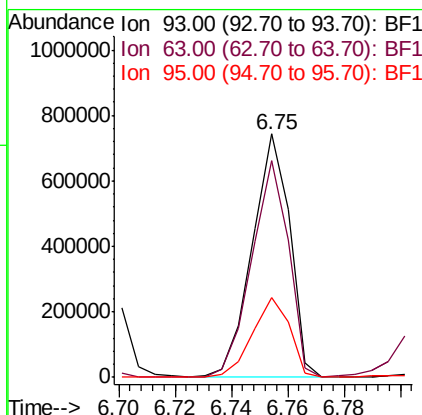
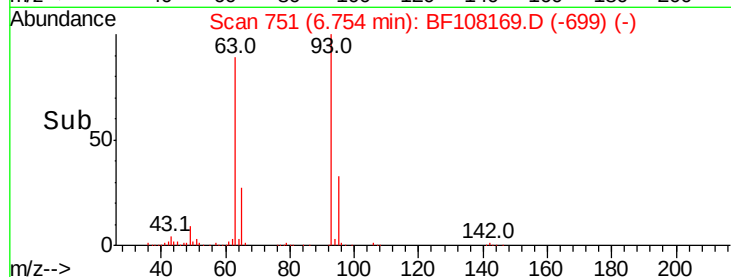
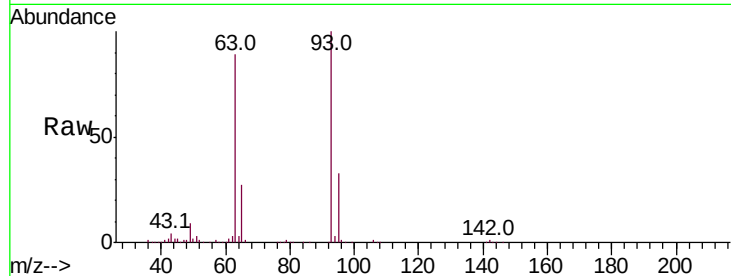
#11
bis(2-Chloroethyl)ether
Concen: 40.575 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.1	58.6	98.6
95	33.0	11.8	51.8

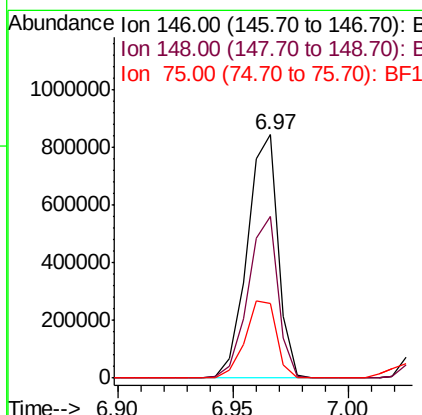
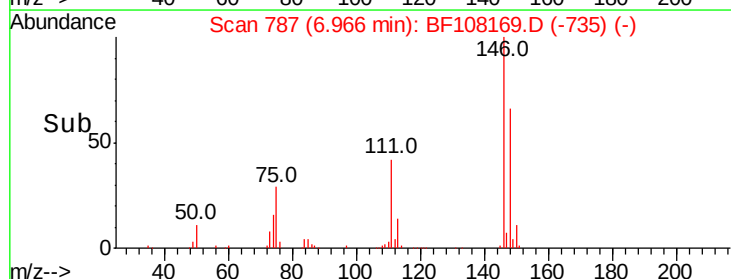
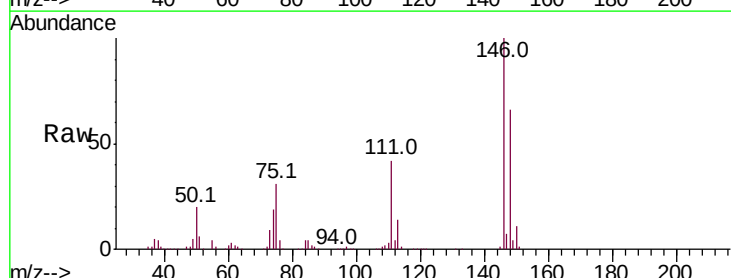
Manual Integrations
APPROVED

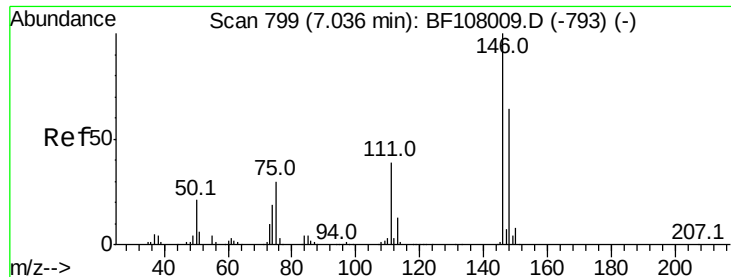
Sohil
8/16/2018 5:27:01 PM



#12
1,3-Dichlorobenzene
Concen: 39.937 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.8	77.8
75	30.9	24.2	36.4





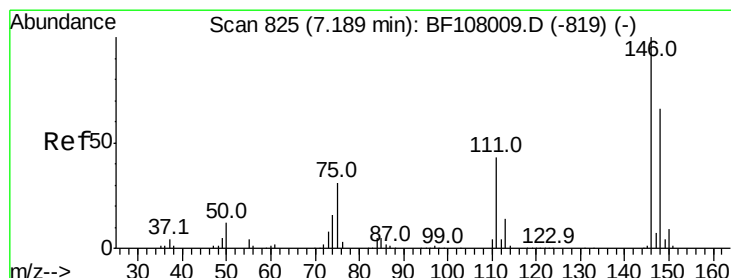
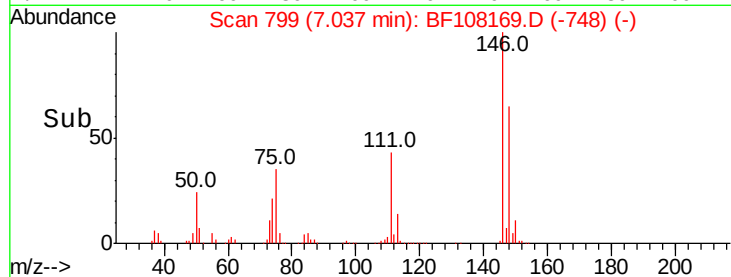
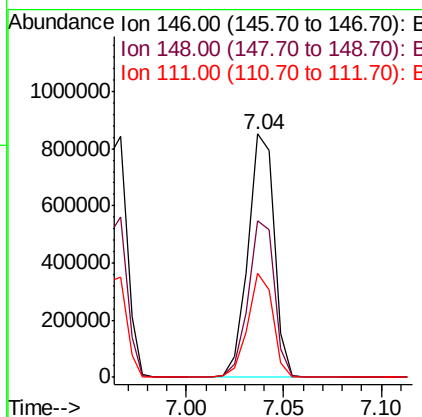
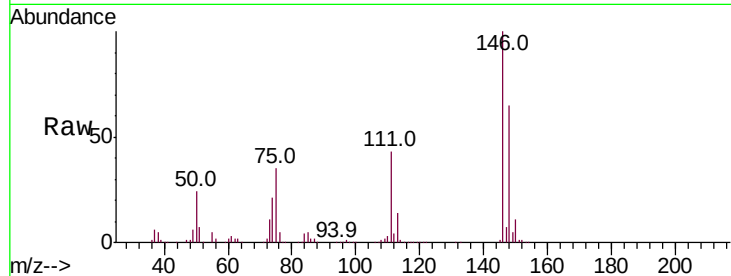
#13
1,4-Dichlorobenzene
Concen: 40.001 ng
RT: 7.04 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	42.6	34.2	51.2

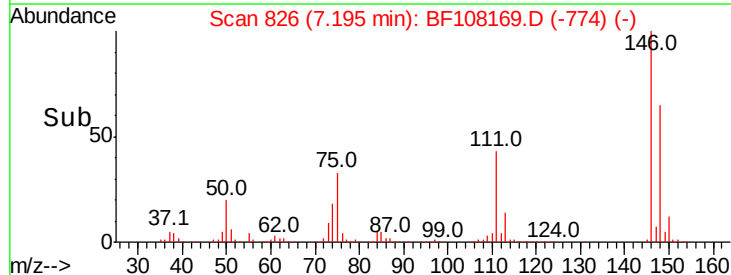
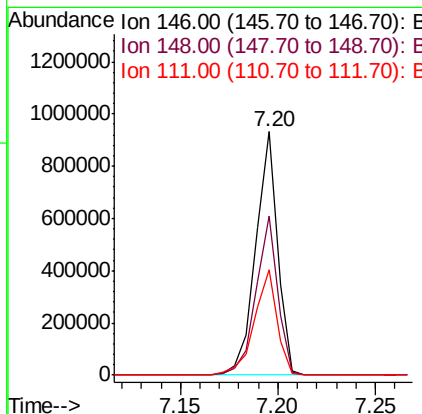
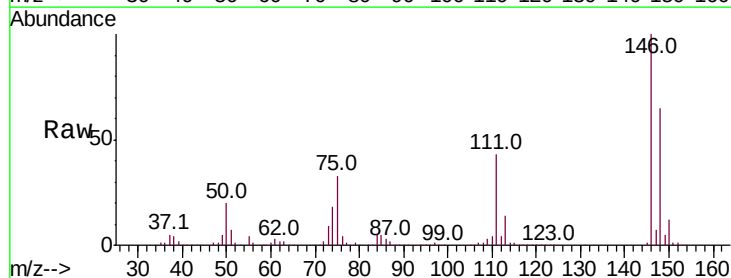
Manual Integrations
APPROVED

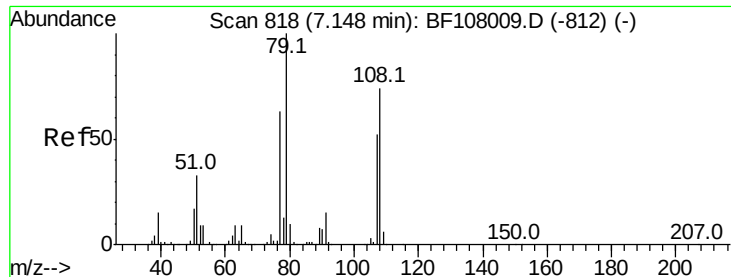
Sohil
8/16/2018 5:27:01 PM



#14
1,2-Dichlorobenzene
Concen: 39.294 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.787 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

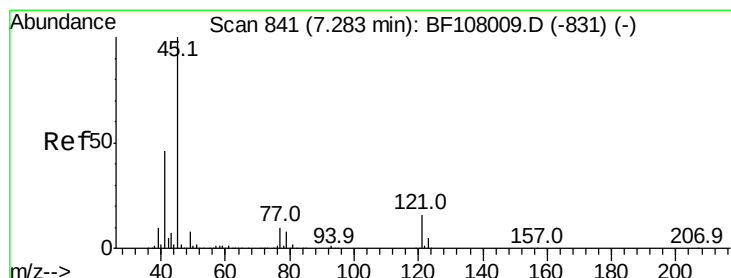
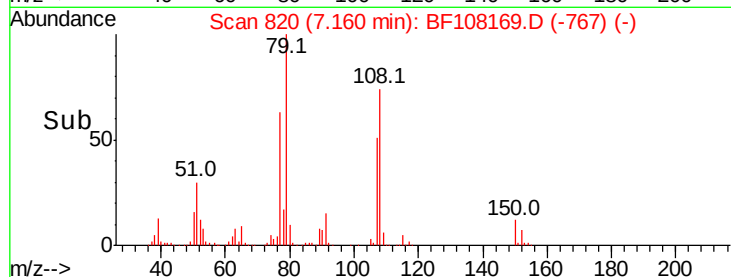
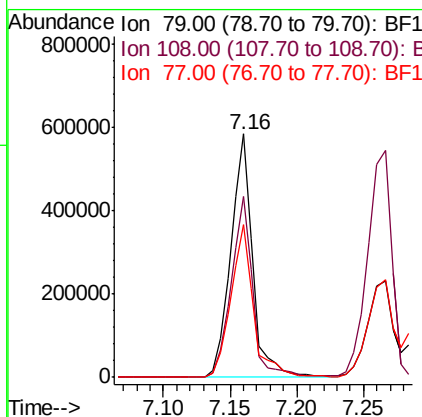
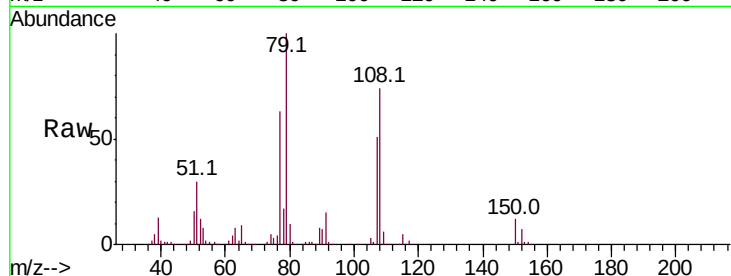
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	674609
Ion Ratio	Lower	Upper	
79	100		
108	74.3	65.1	97.7
77	62.9	50.6	75.8

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.296 ng

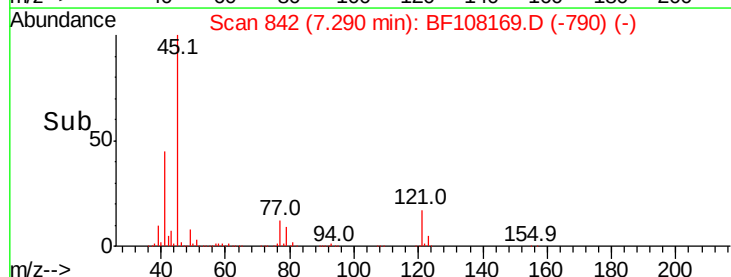
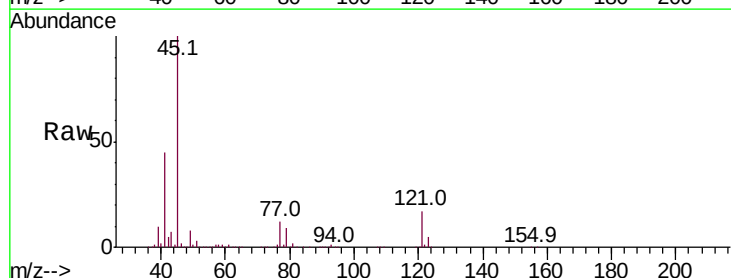
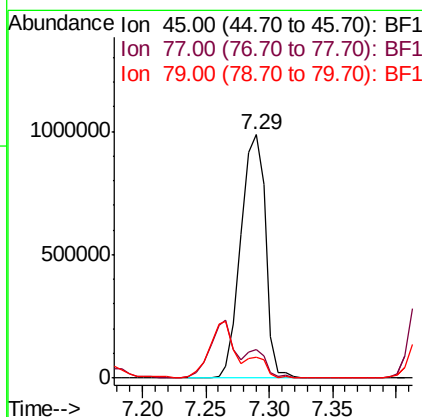
RT: 7.29 min Scan# 842

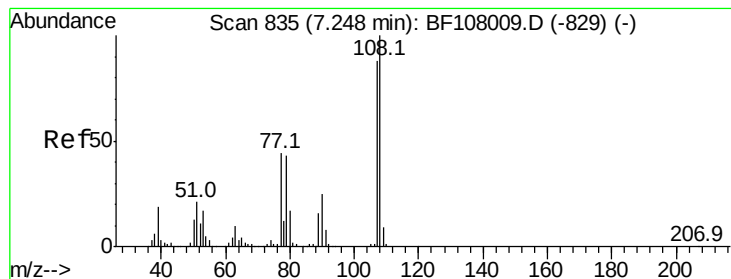
Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Tgt Ion:	45	Resp:	1328786
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	32.9
79	8.8	0.0	29.6





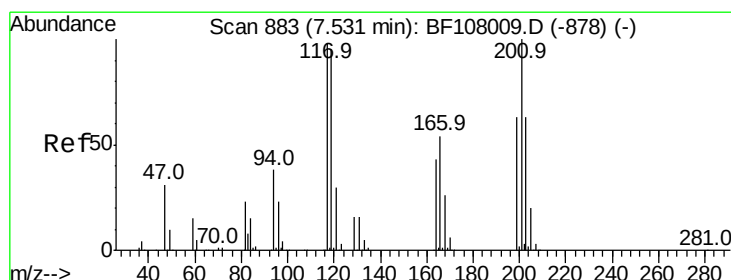
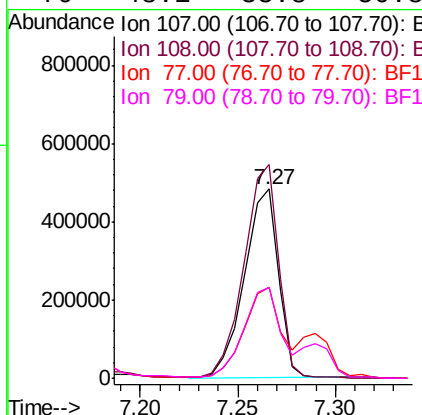
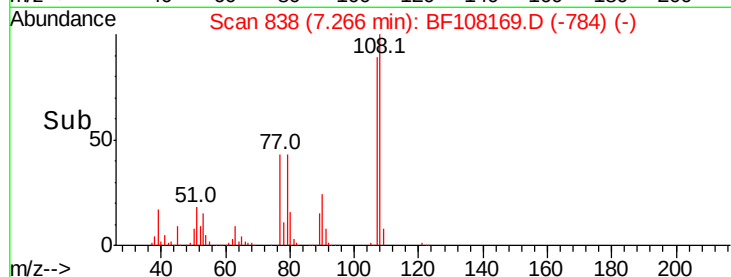
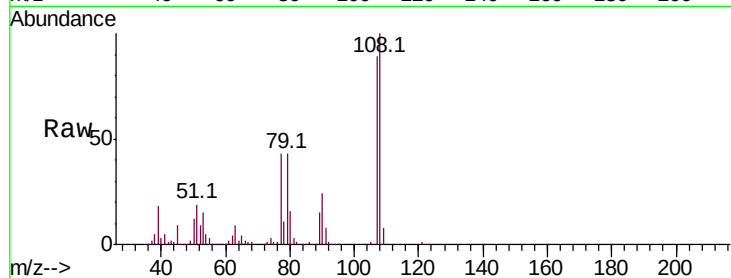
#17
2-Methylphenol
Concen: 40.016 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.7	137.5	
77	48.2	33.8	50.8	
79	48.1	33.8	50.8	

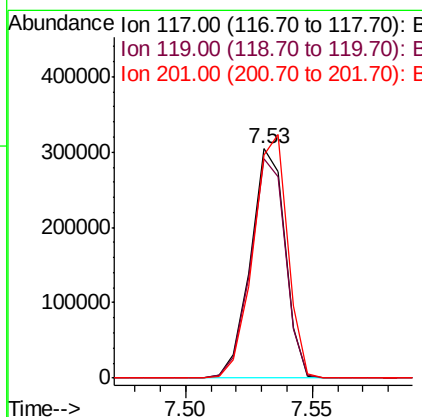
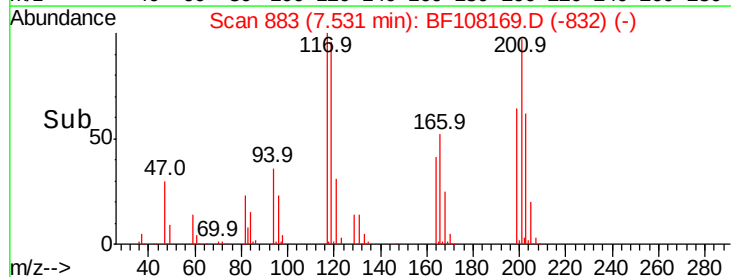
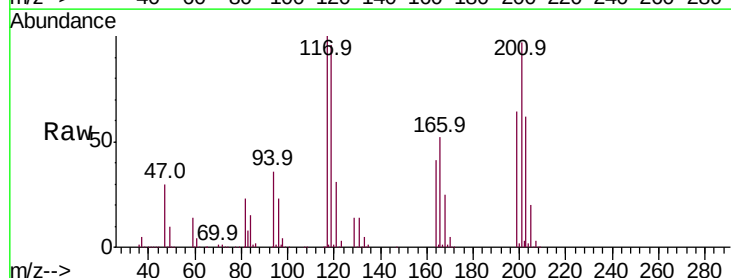
Manual Integrations
APPROVED

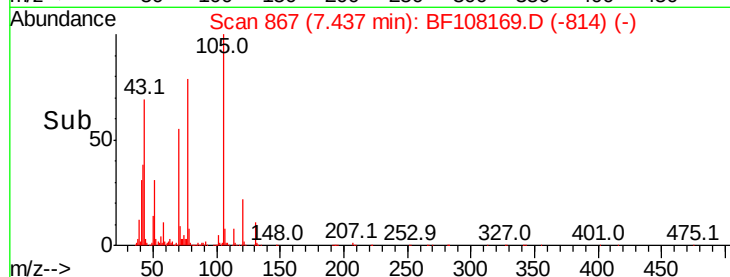
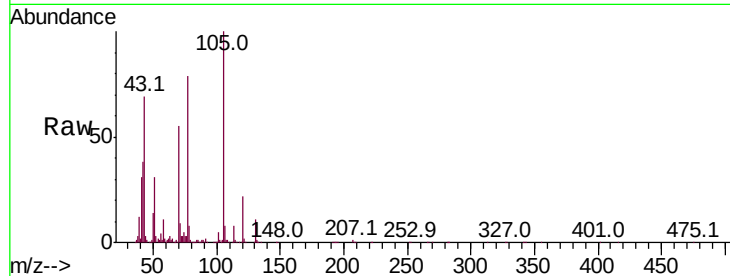
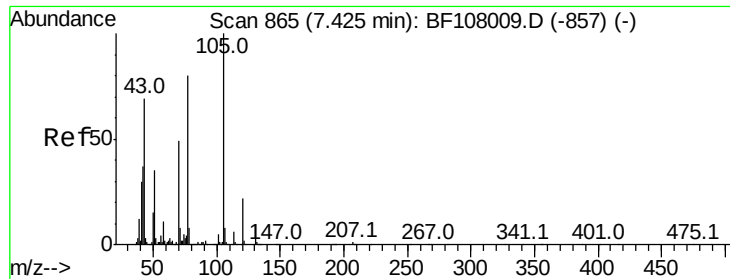
Sohil
8/16/2018 5:27:01 PM



#18
Hexachloroethane
Concen: 41.111 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.8	113.8	
201	97.4	75.7	113.5	





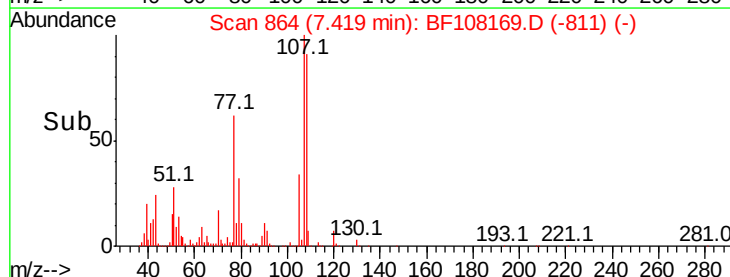
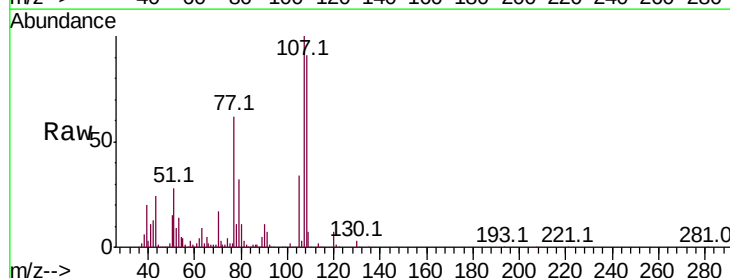
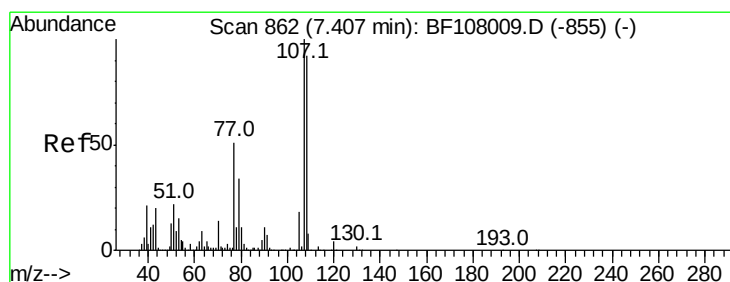
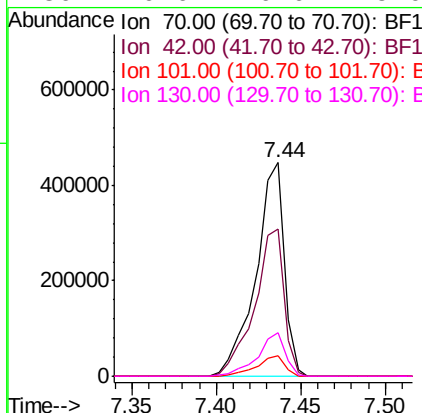
#19
n-Nitroso-di-n-propylamine
Concen: 38.519 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	47.5	71.3
101	9.5	7.4	11.2
130	20.6	16.6	25.0

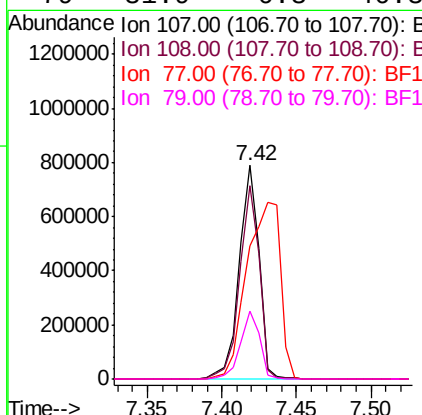
Manual Integrations
APPROVED

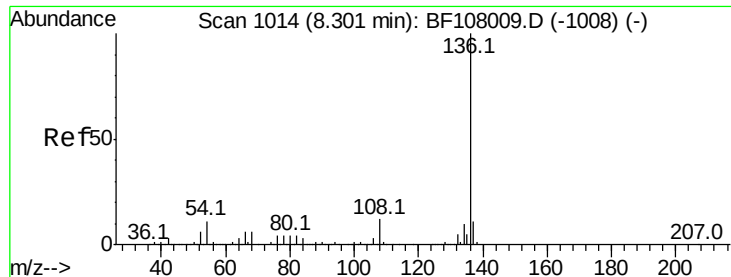
Sohil
8/16/2018 5:27:01 PM



#20
3+4-Methylphenols
Concen: 38.827 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	62.4	26.7	66.7
79	31.9	6.3	46.3





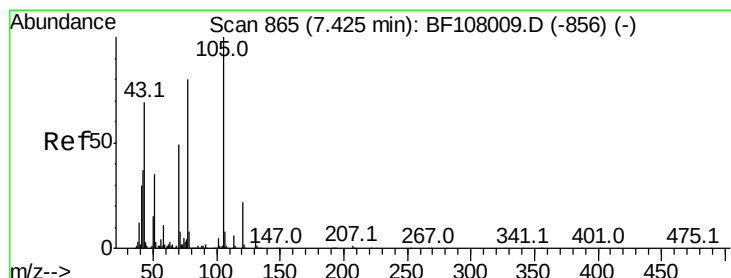
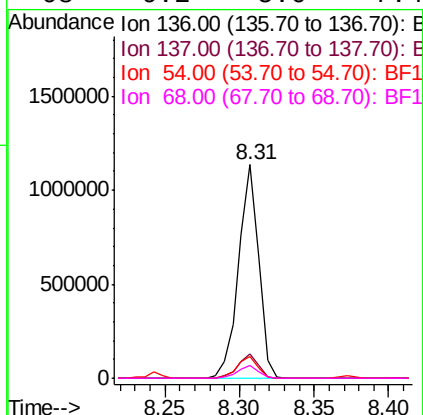
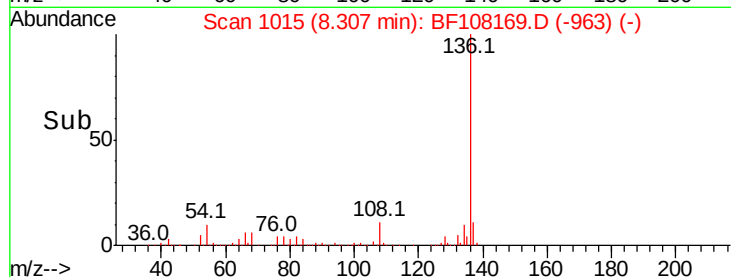
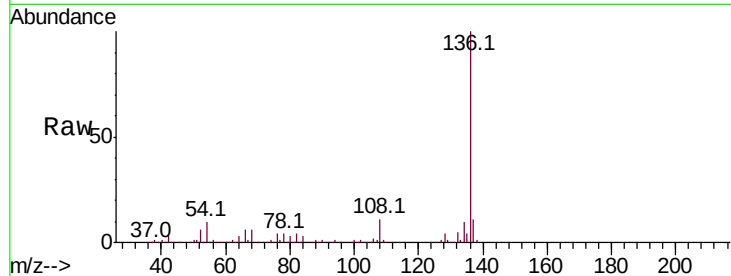
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	136	Resp	1066922
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.3	6.6	9.8#
68	6.2	5.0	7.4

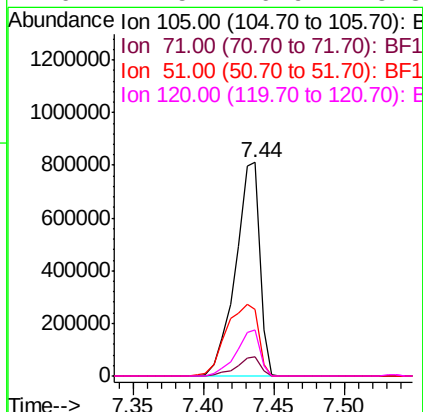
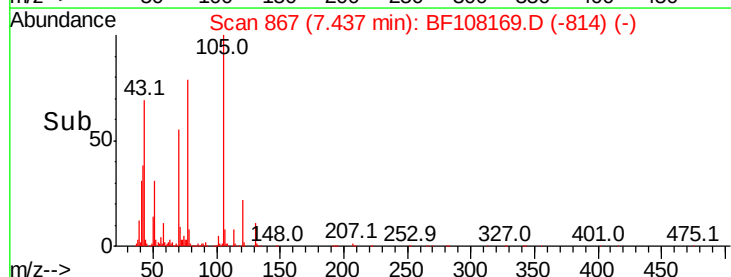
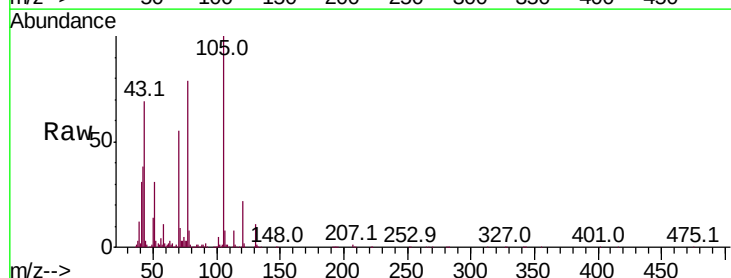
Manual Integrations
APPROVED

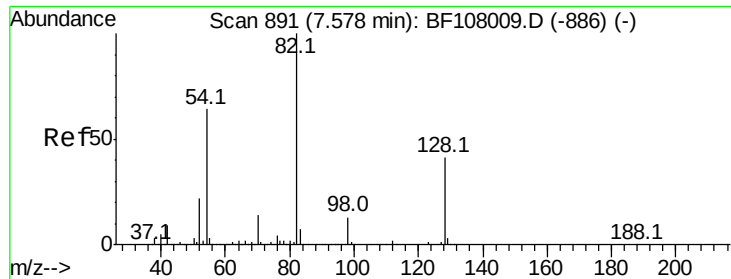
Sohil
8/16/2018 5:27:01 PM



#22
Acetophenone
Concen: 38.805 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	105	Resp	968080
Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.4	6.6#
51	31.3	22.3	33.5
120	21.5	16.9	25.3





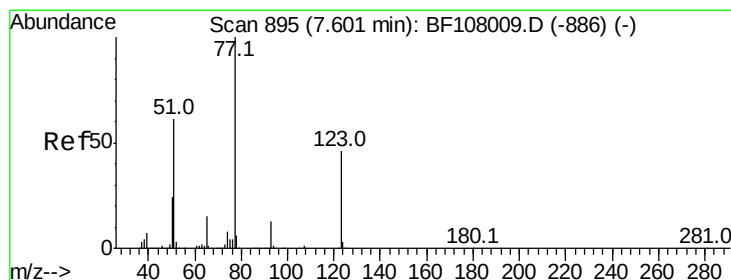
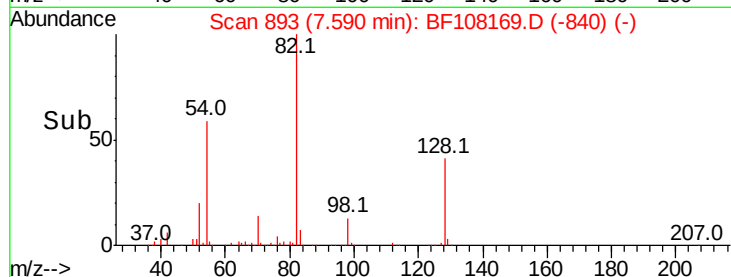
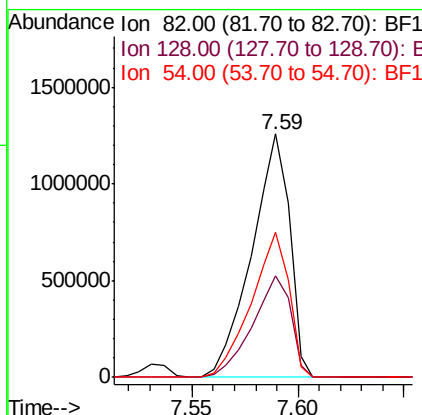
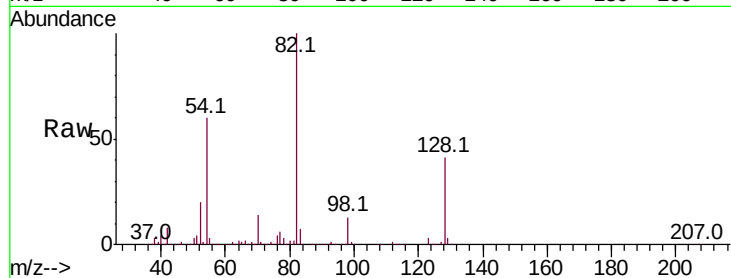
#23
 Nitrobenzene-d5
 Concen: 82.028 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1568364
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 59.5 41.4 62.2

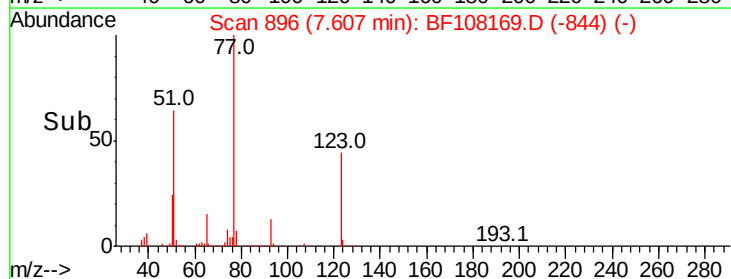
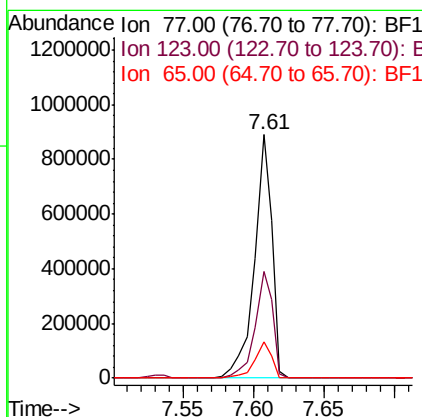
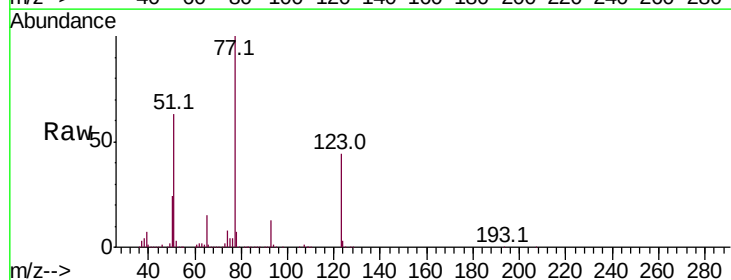
Manual Integrations
 APPROVED

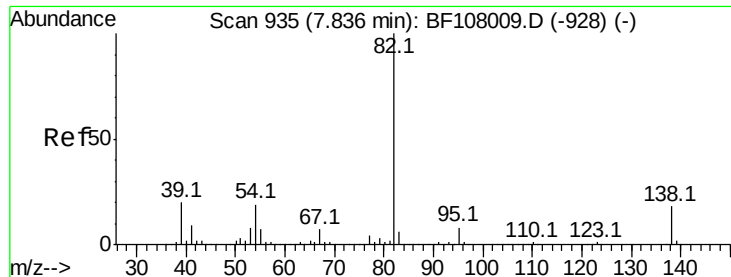
Sohil
 8/16/2018 5:27:01 PM



#24
 Nitrobenzene
 Concen: 40.264 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion: 77 Resp: 778473
 Ion Ratio Lower Upper
 77 100
 123 43.8 37.9 56.9
 65 15.0 11.0 16.4





#25

Isophorone

Concen: 40.148 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 82 Resp: 1463139

Ion Ratio Lower Upper

82 100

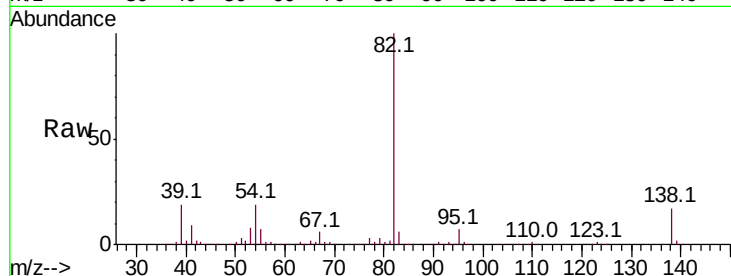
95 7.2 5.2 7.8

138 16.9 14.9 22.3

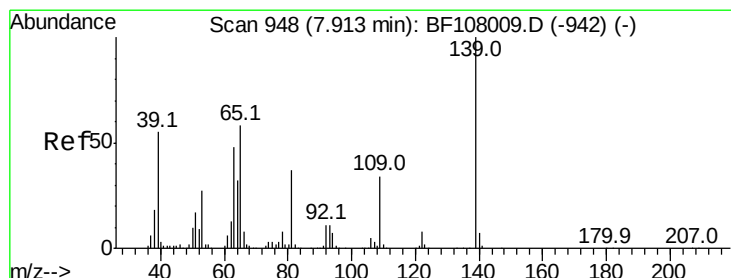
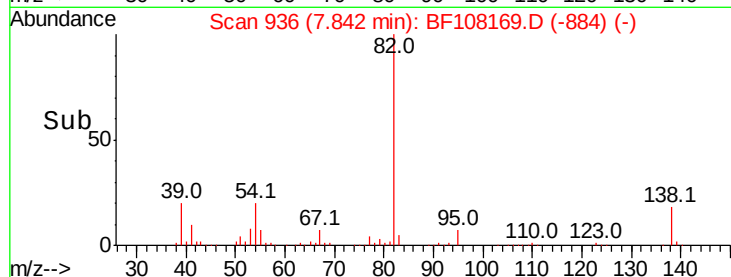
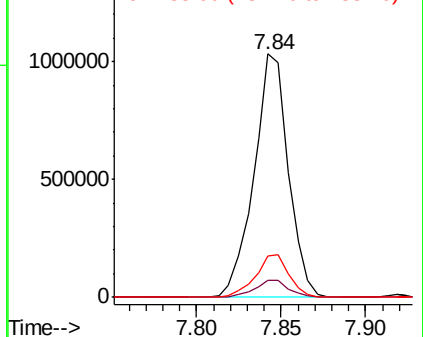
Manual Integrations
APPROVED

Sohil

8/16/2018 5:27:01 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.541 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

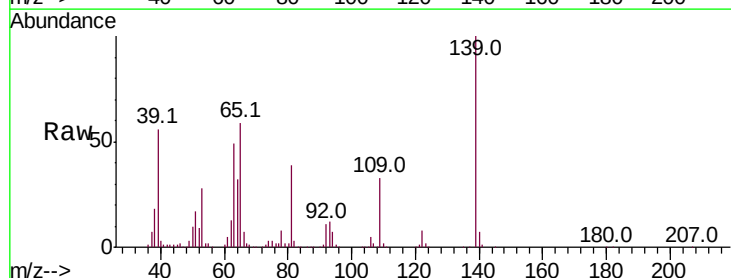
Tgt Ion: 139 Resp: 347124

Ion Ratio Lower Upper

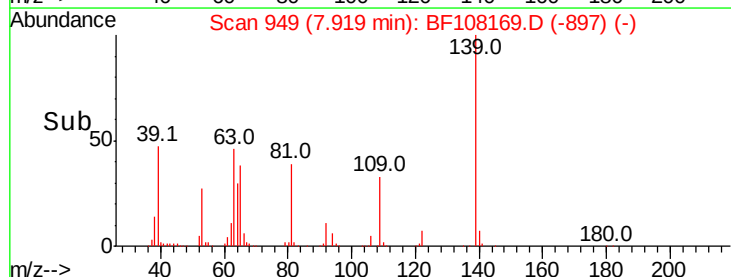
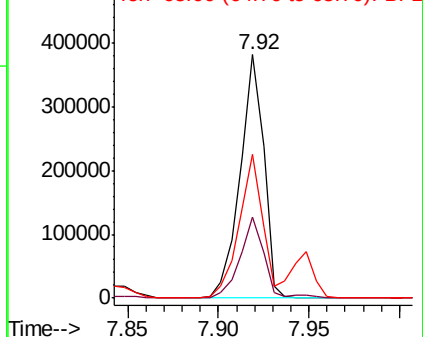
139 100

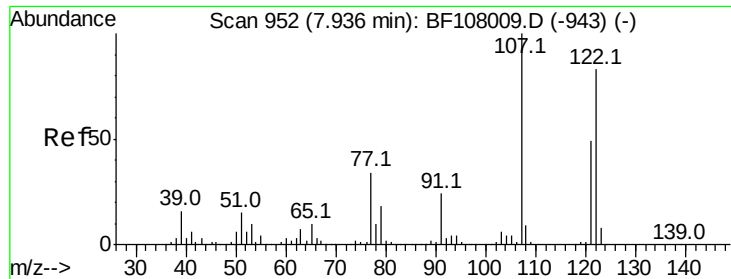
109 33.2 22.7 34.1

65 58.9 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.972 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

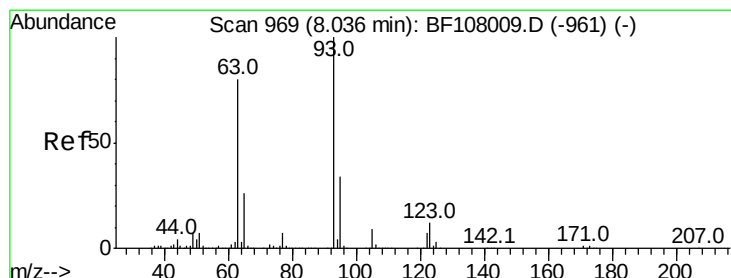
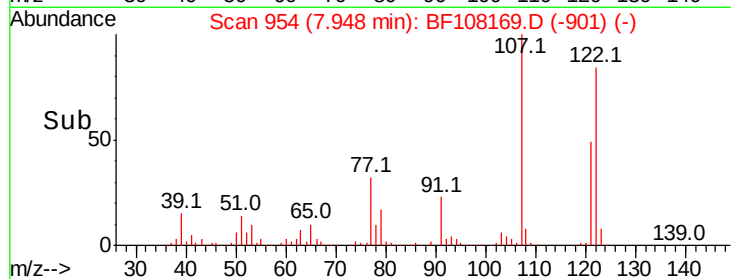
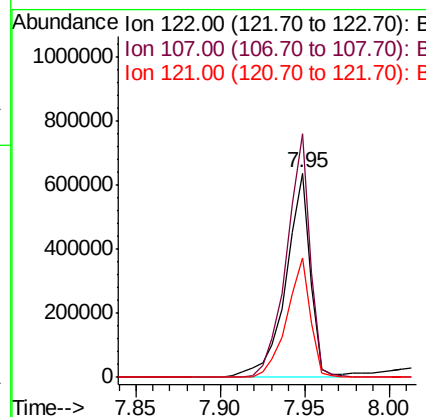
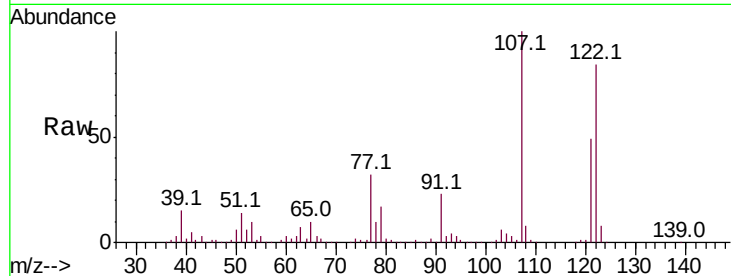
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	646530
Ion Ratio	Lower	Upper	
122	100		
107	119.3	91.2	136.8
121	58.7	47.2	70.8

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.716 ng

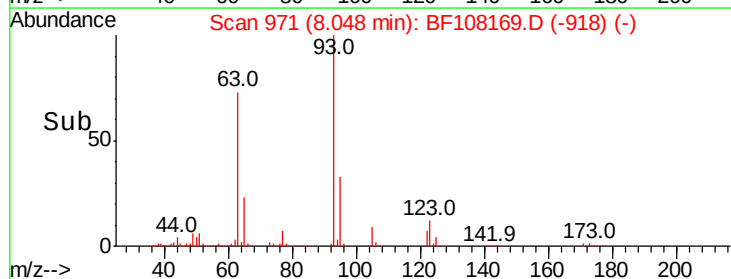
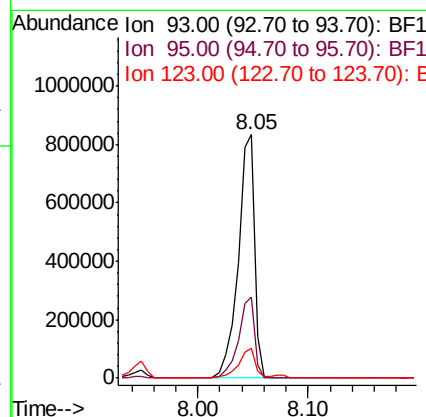
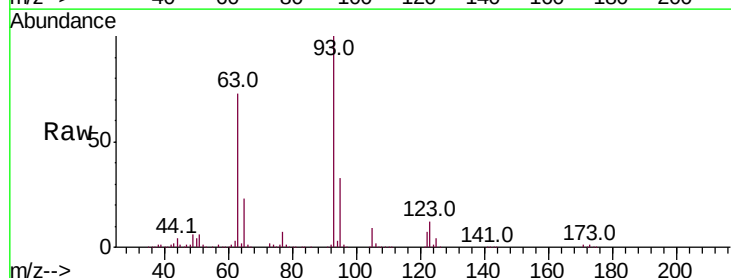
RT: 8.05 min Scan# 971

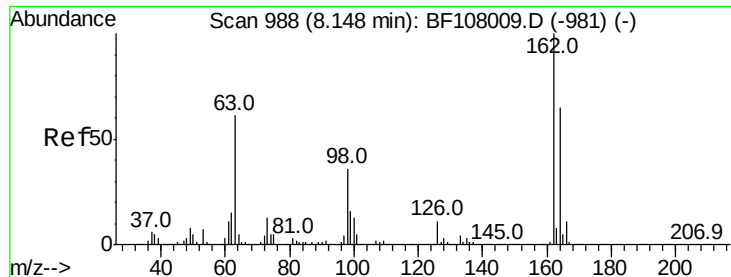
Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Tgt Ion:	93	Resp:	866226
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	12.0	9.8	14.6





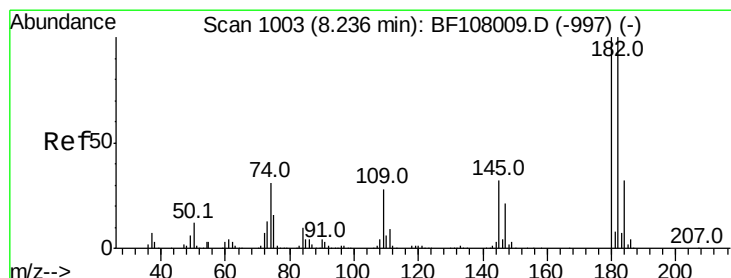
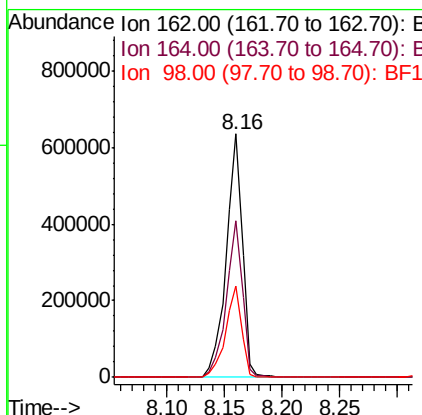
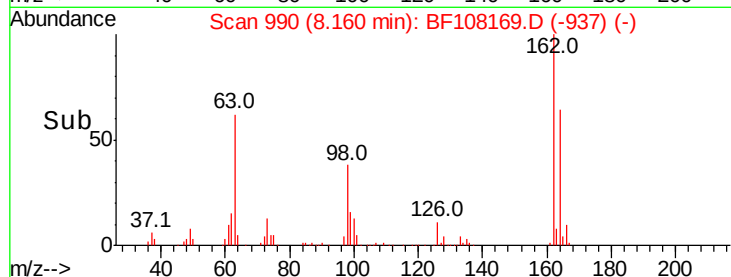
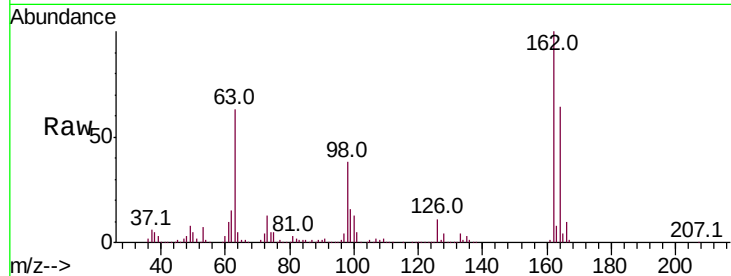
#29
2,4-Dichlorophenol
Concen: 41.688 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	620522		
164	64.2	42.7	82.7	
98	37.5	18.1	58.1	

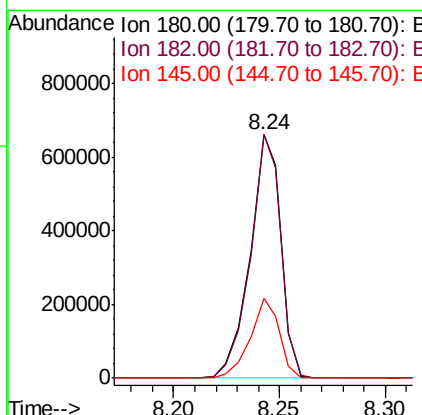
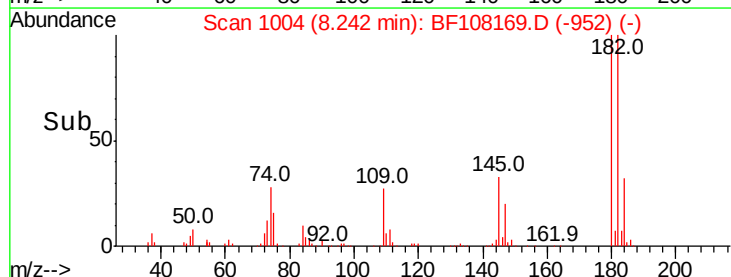
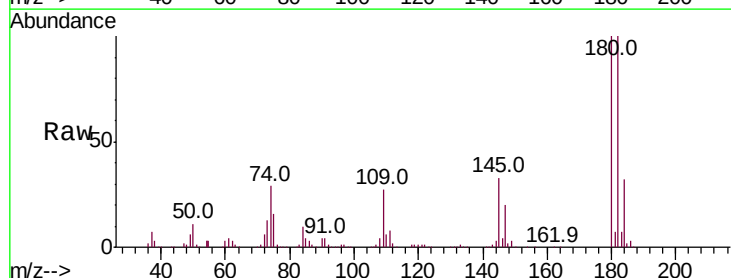
Manual Integrations
APPROVED

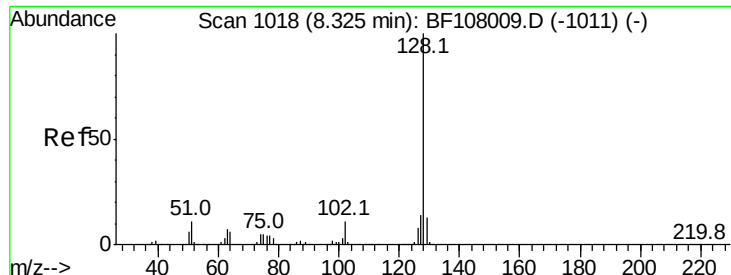
Sohil
8/16/2018 5:27:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.712 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	668138		
182	100.1	76.8	115.2	
145	32.9	26.5	39.7	





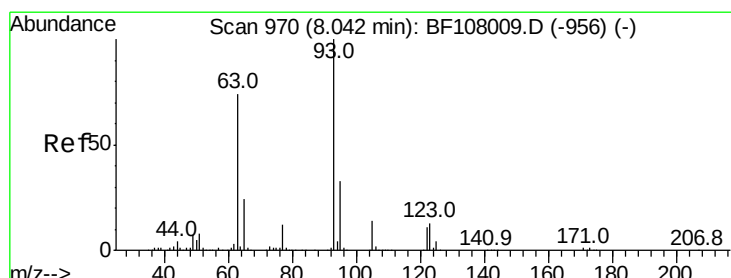
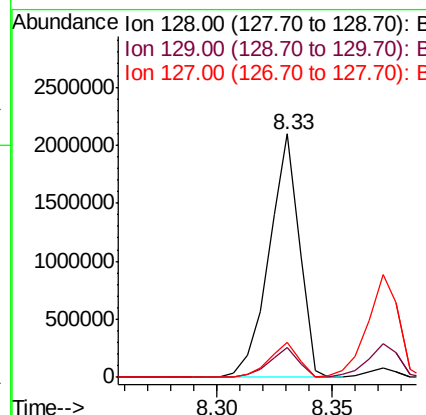
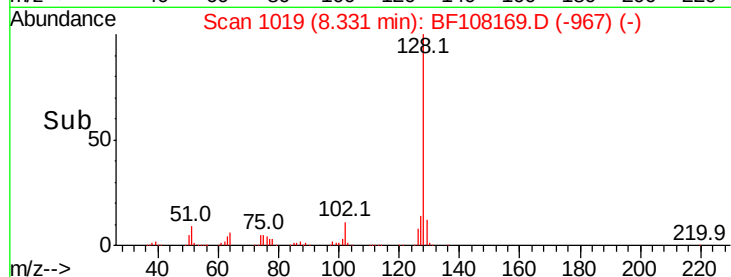
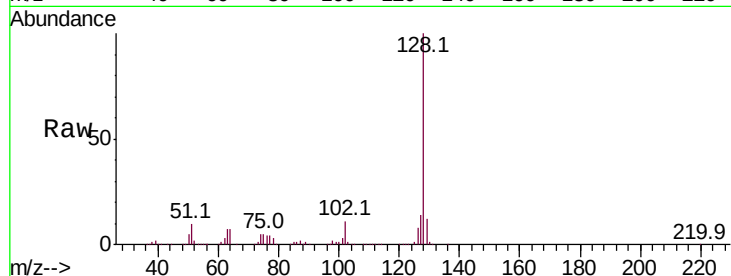
#31
Naphthalene
Concen: 39.372 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1910362
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 14.3 10.9 16.3

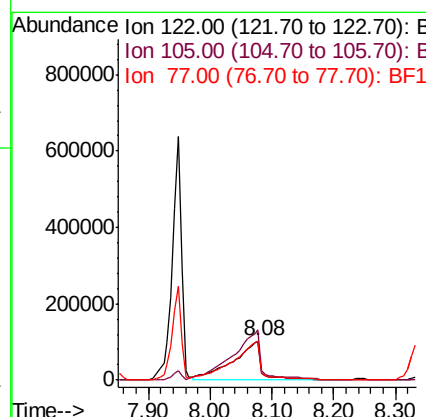
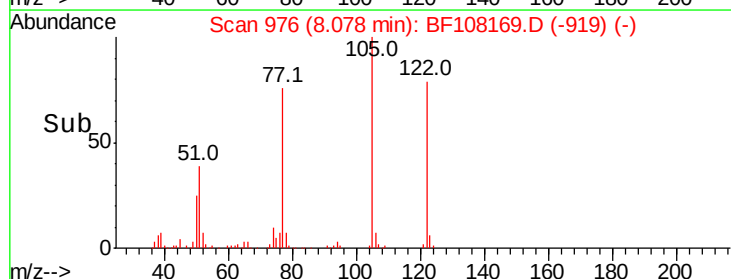
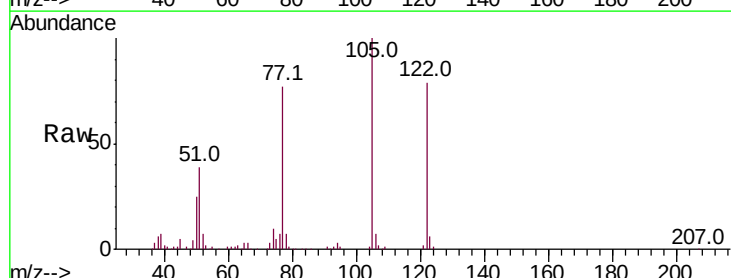
Manual Integrations
APPROVED

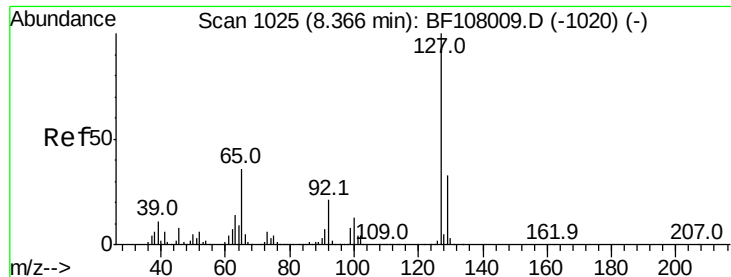
Sohil
8/16/2018 5:27:01 PM



#32
Benzoic acid
Concen: 36.978 ng
RT: 8.08 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion:122 Resp: 332368
Ion Ratio Lower Upper
122 100
105 127.1 101.1 141.1
77 97.5 70.7 110.7





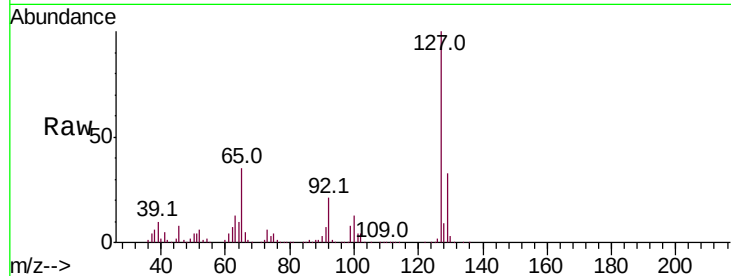
#33
4-Chloroaniline
Concen: 40.150 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

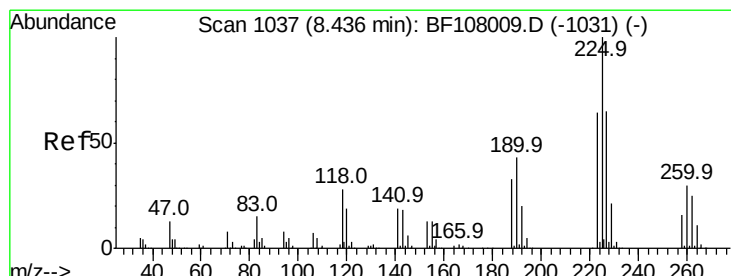
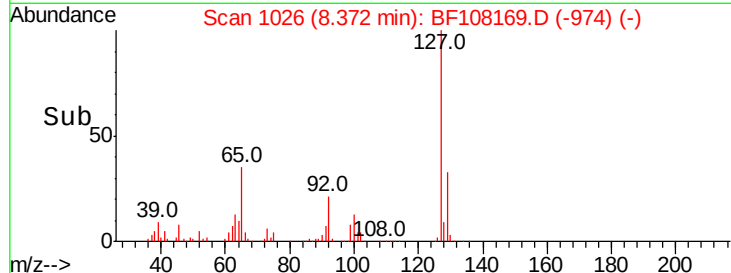
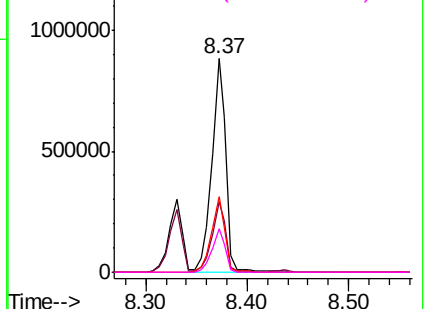
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	25.9	38.9	
65	35.5	25.0	37.4	
92	20.6	15.2	22.8	

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM

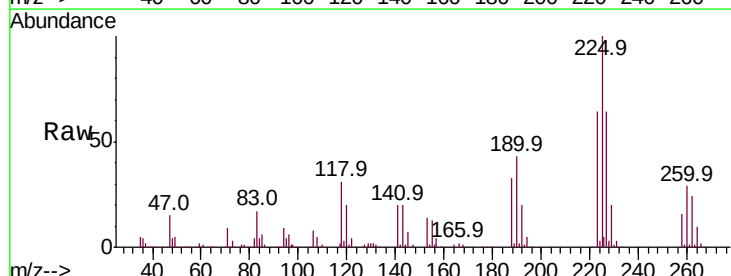


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

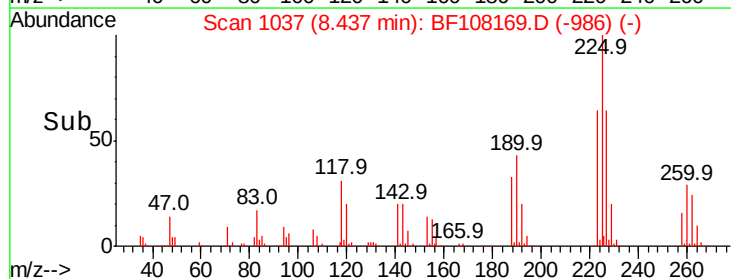
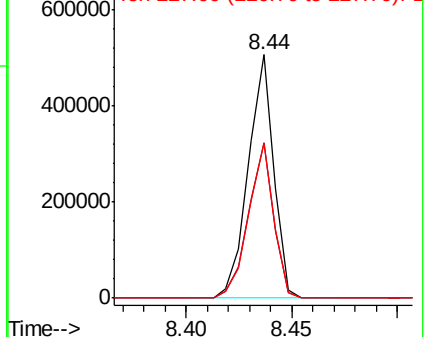


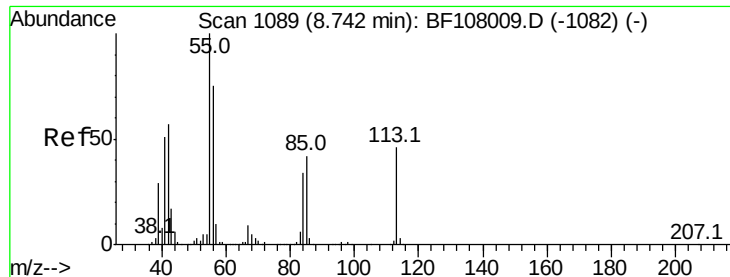
#34
Hexachlorobutadiene
Concen: 40.970 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.6	76.0	
227	64.1	51.9	77.9	



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





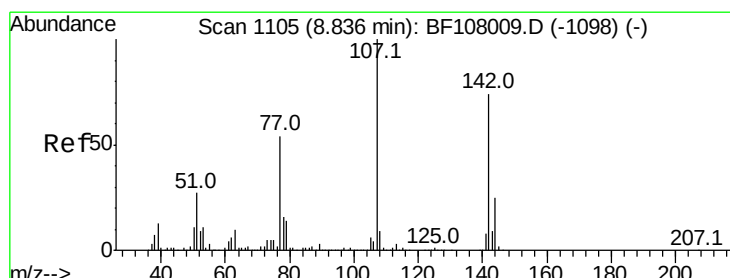
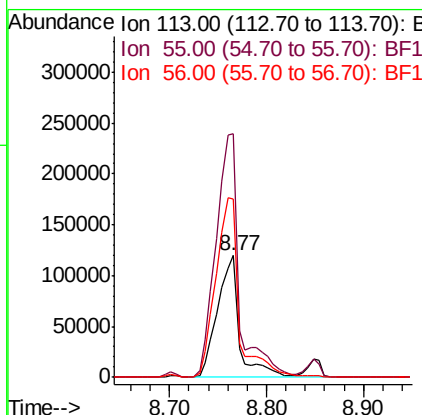
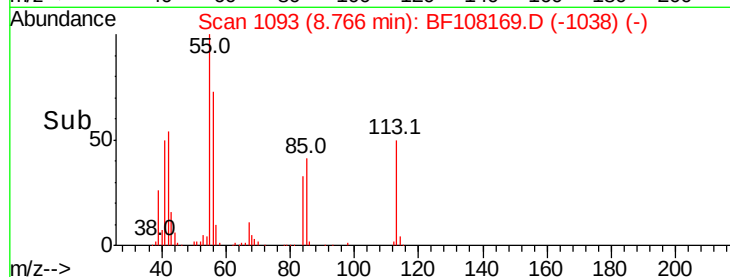
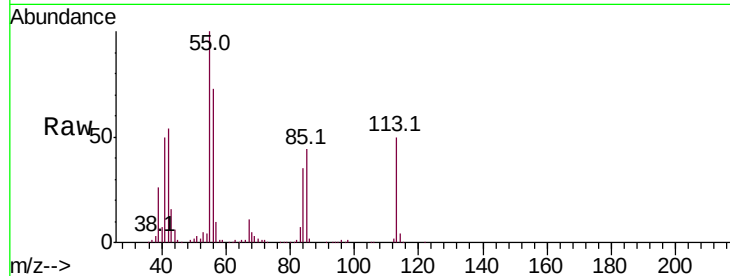
#35
Caprolactam
Concen: 44.310 ng/ml
RT: 8.77 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	200.2	163.3	203.3	
56	146.5	115.7	155.7	

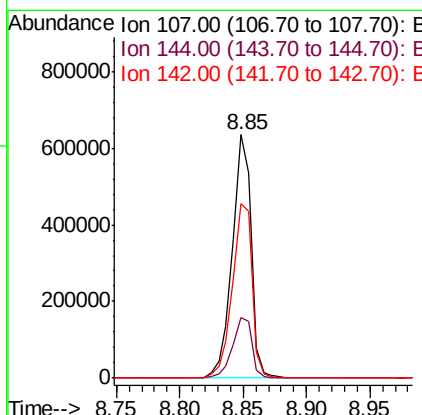
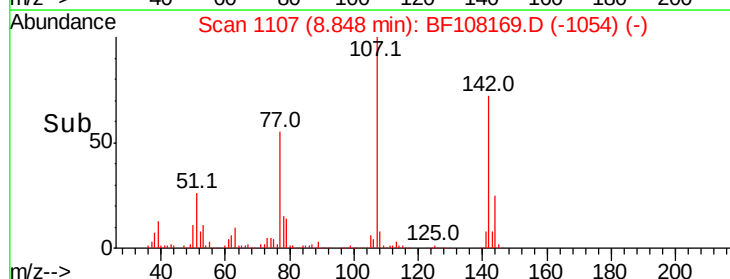
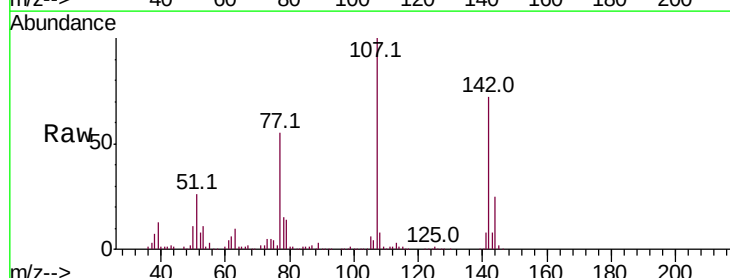
Manual Integrations
APPROVED

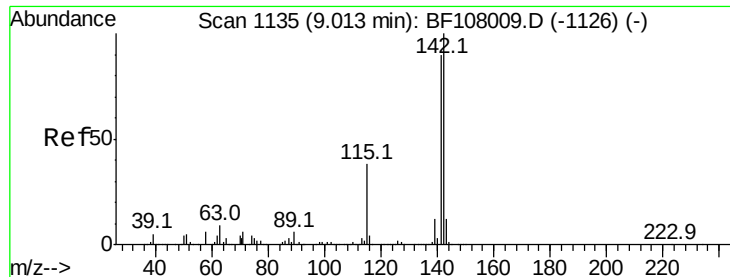
Sohil
8/16/2018 5:27:01 PM



#36
4-Chloro-3-methylphenol
Concen: 40.251 ng
RT: 8.85 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.7	20.5	30.7	
142	71.8	62.0	93.0	





#37

2-Methylnaphthalene

Concen: 39.330 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108169.D

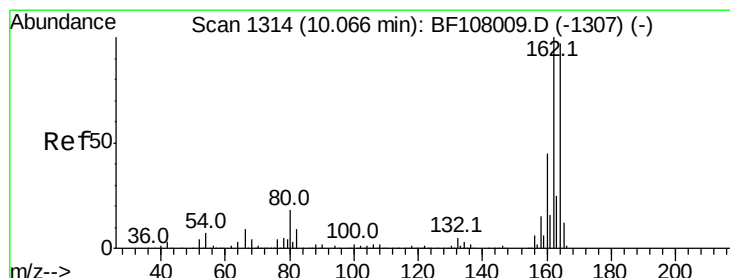
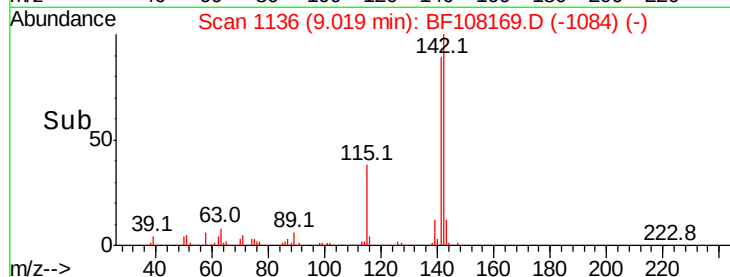
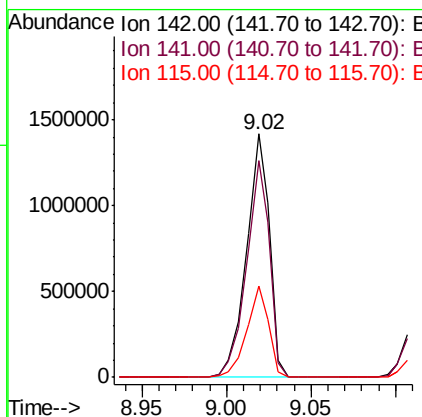
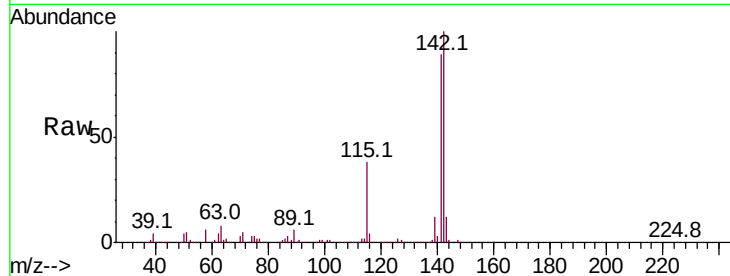
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	37.7	26.1	39.1

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

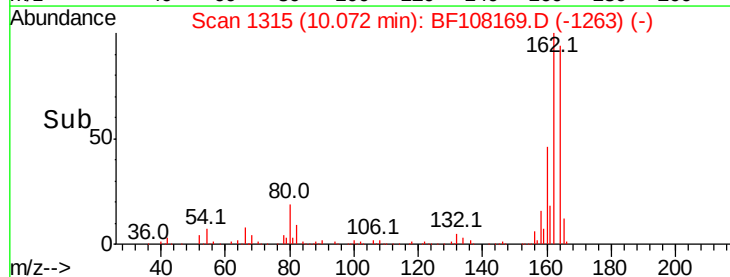
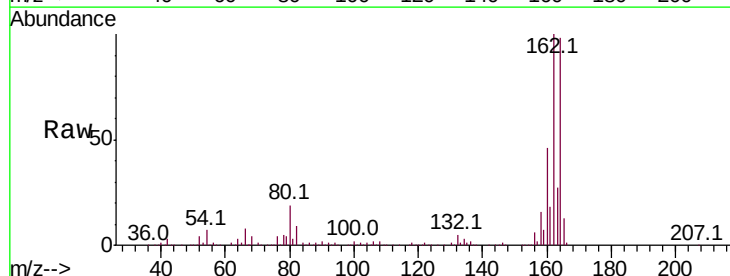
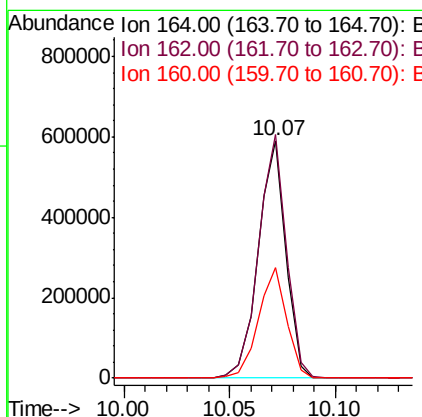
RT: 10.07 min Scan# 1315

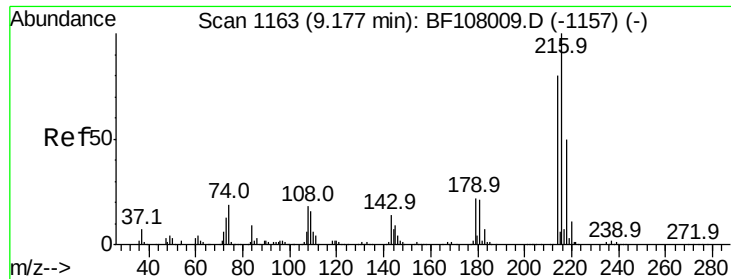
Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.8	38.3	57.5





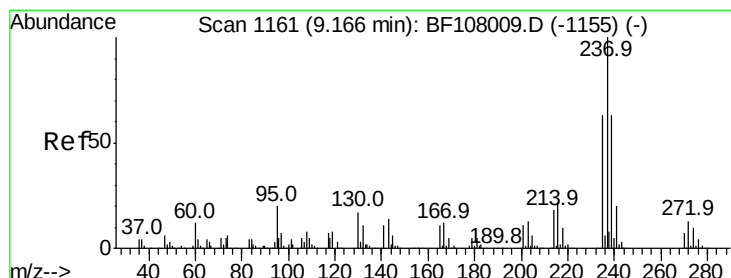
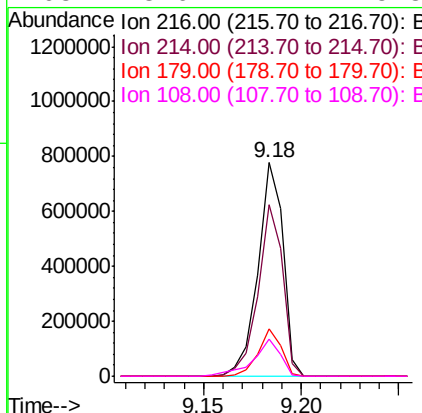
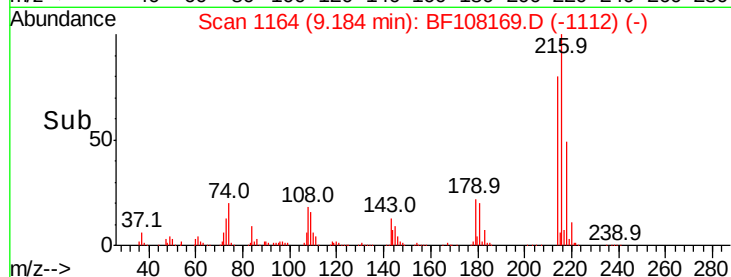
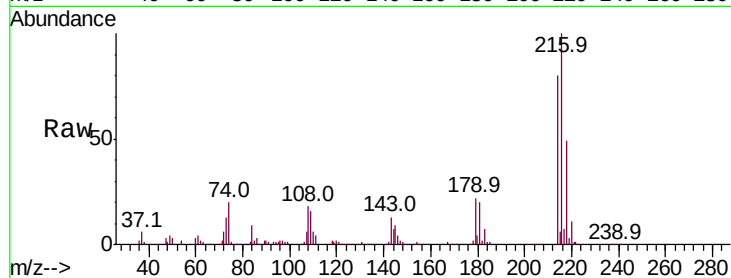
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.033 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.8	18.1	27.1
108	18.6	17.2	25.8

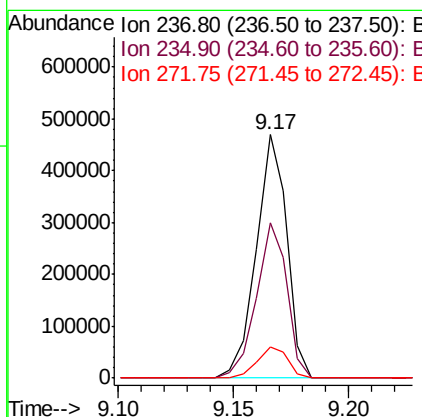
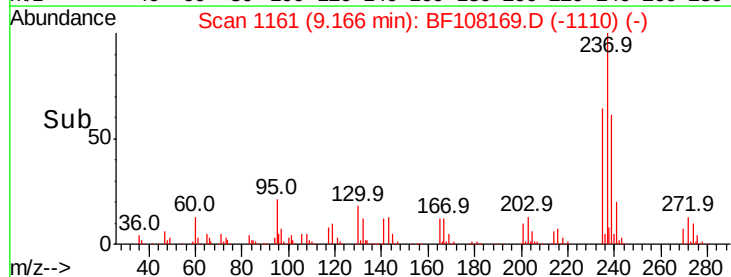
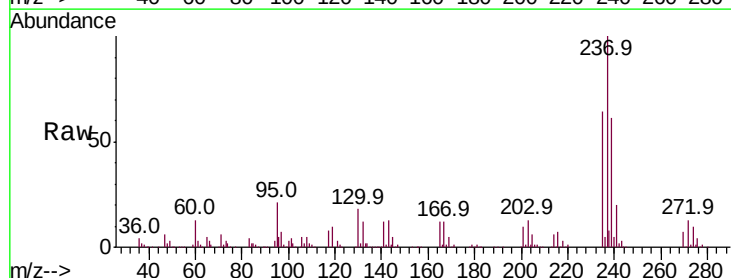
Manual Integrations
 APPROVED

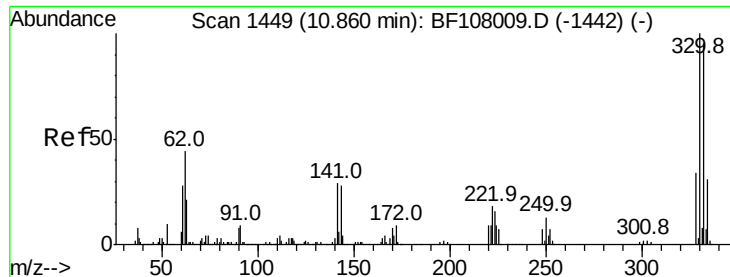
Sohil
 8/16/2018 5:27:01 PM



#40
 Hexachlorocyclopentadiene
 Concen: 40.959 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	44.8	84.8
272	12.6	0.0	33.3





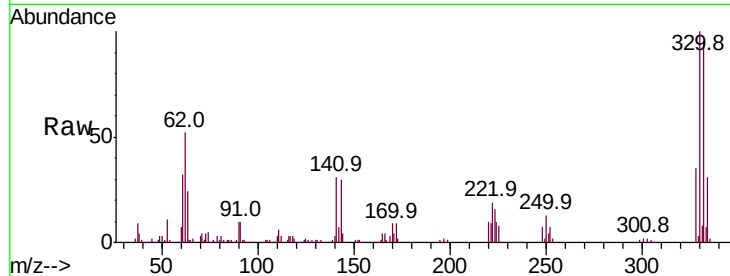
#41
 2,4,6-Tribromophenol
 Concen: 87.674 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

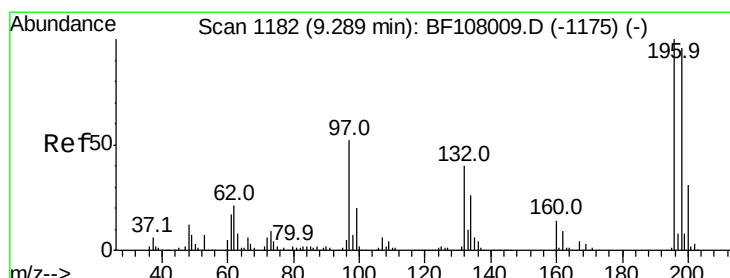
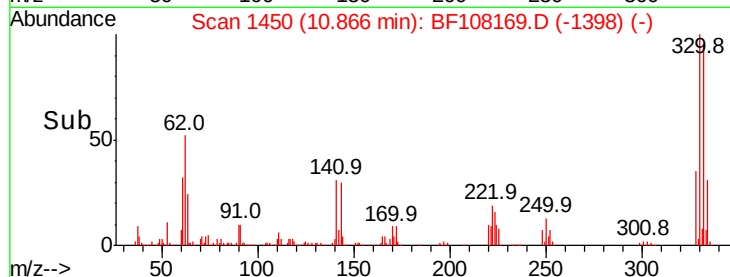
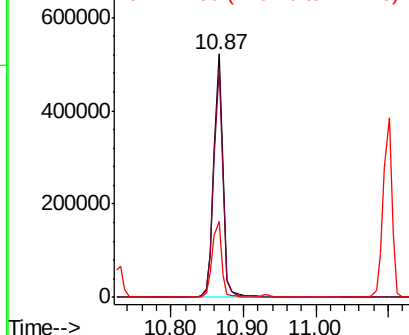
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.0	115.6	
141	32.2	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:01 PM



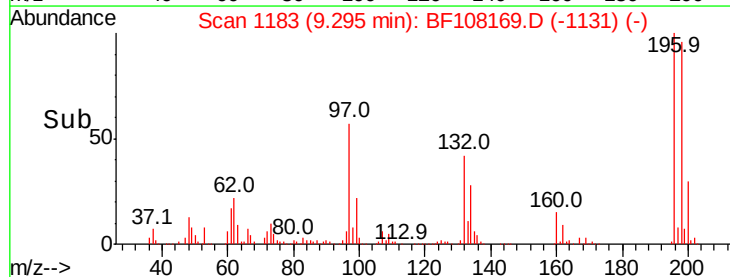
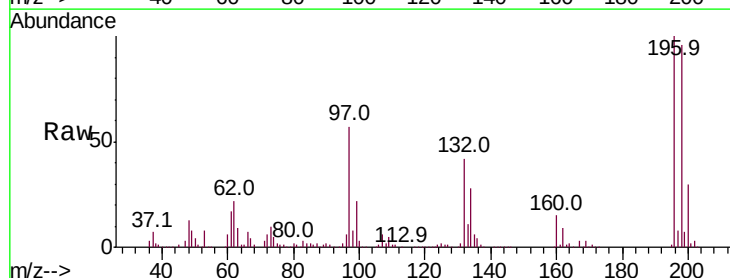
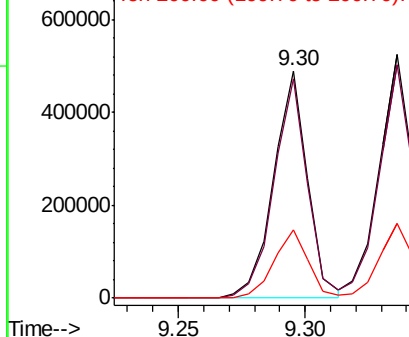
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

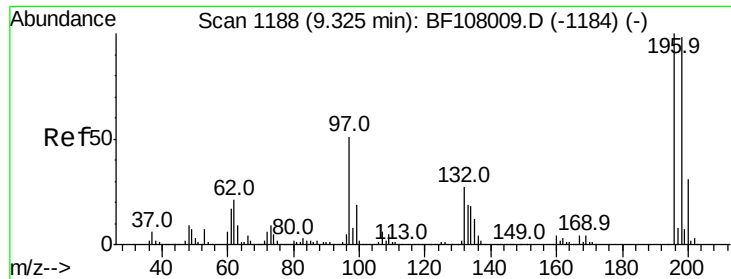


#42
 2,4,6-Trichlorophenol
 Concen: 44.918 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.4	75.7	113.5	
200	30.2	24.5	36.7	

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





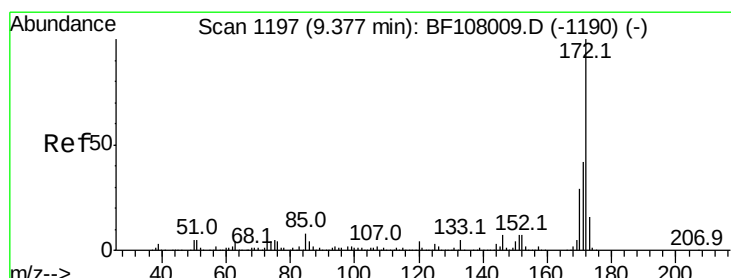
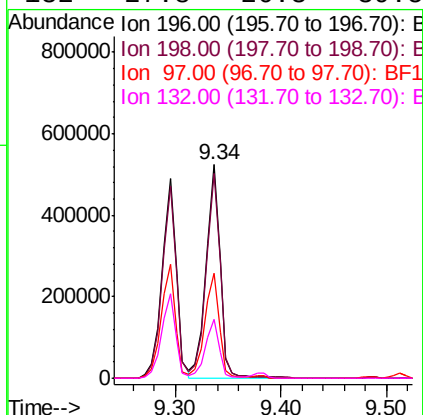
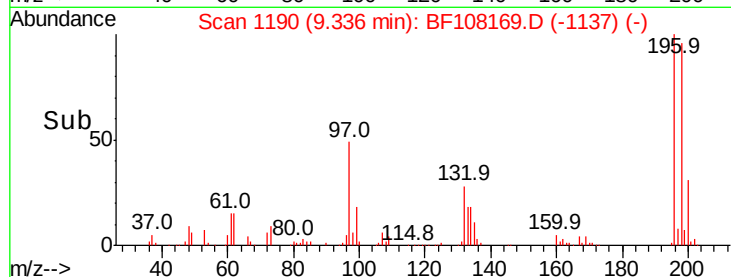
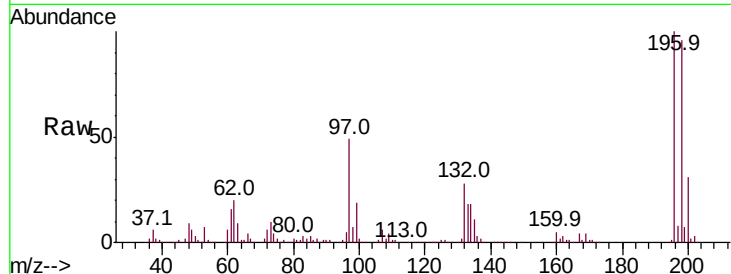
#43
 2,4,5-Trichlorophenol
 Concen: 43.450 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	488292		
198	95.8	74.6	112.0	
97	49.4	42.9	64.3	
132	27.8	26.3	39.5	

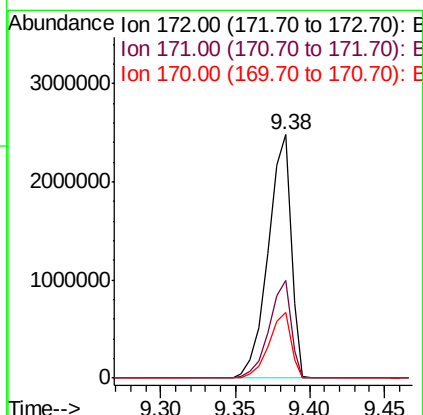
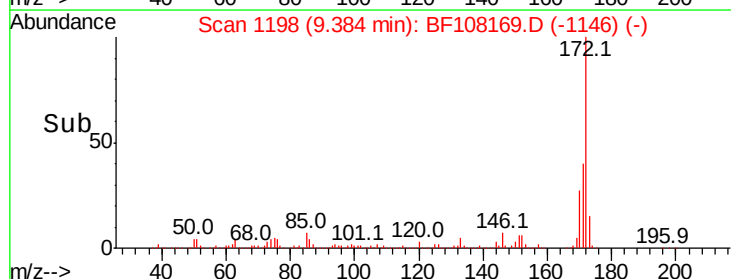
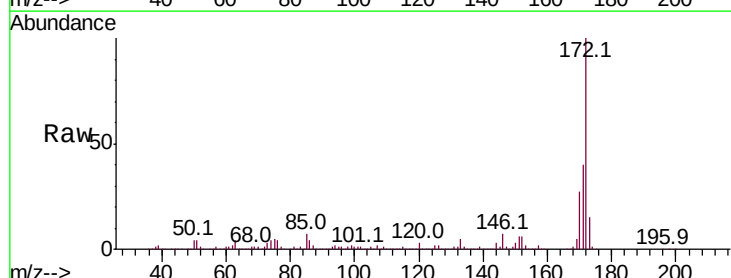
Manual Integrations
 APPROVED

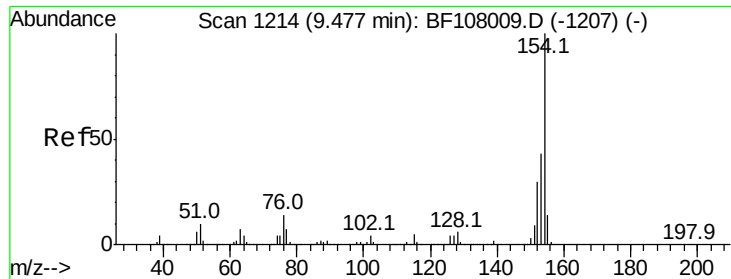
Sohil
 8/16/2018 5:27:01 PM



#44
 2-Fluorobiphenyl
 Concen: 78.783 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2628843		
171	40.3	29.7	44.5	
170	26.8	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 40.311 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1592217

Ion Ratio Lower Upper

154 100

153 42.7 21.3 61.3

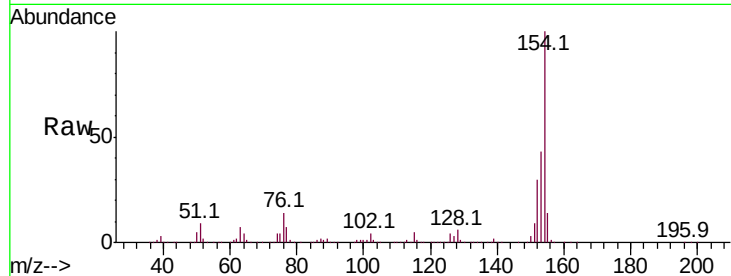
76 14.1 0.0 34.0

Manual Integrations

APPROVED

Sohil

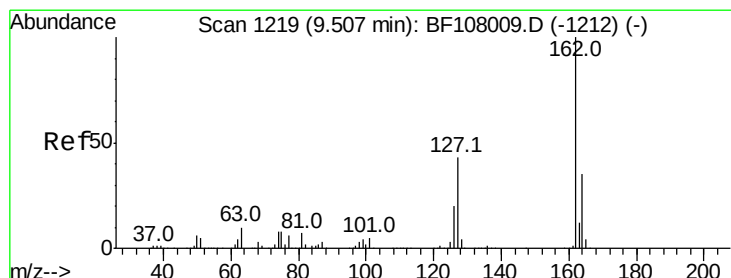
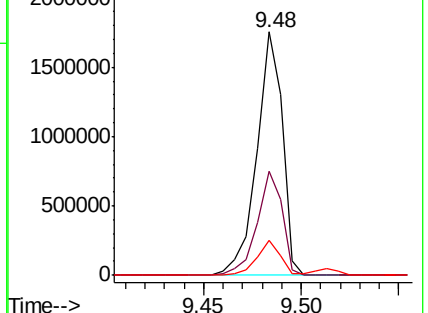
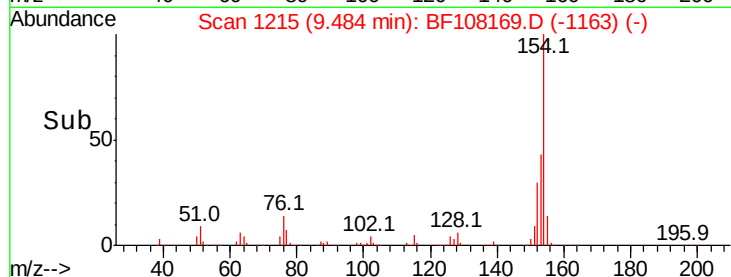
8/16/2018 5:27:01 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.407 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

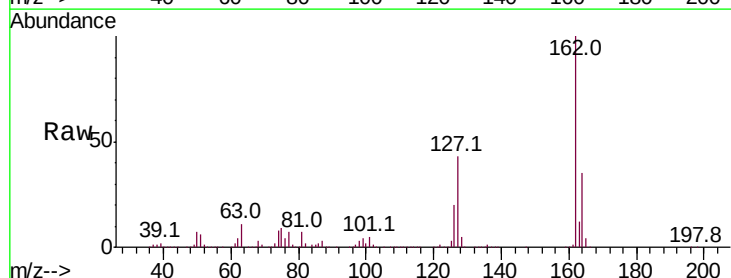
Tgt Ion:162 Resp: 1261424

Ion Ratio Lower Upper

162 100

127 43.0 33.9 50.9

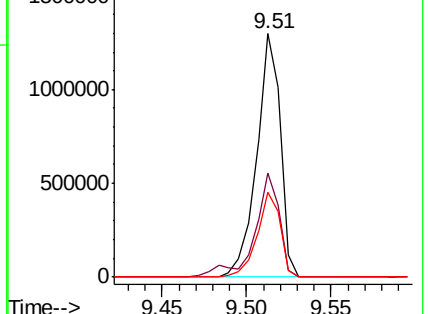
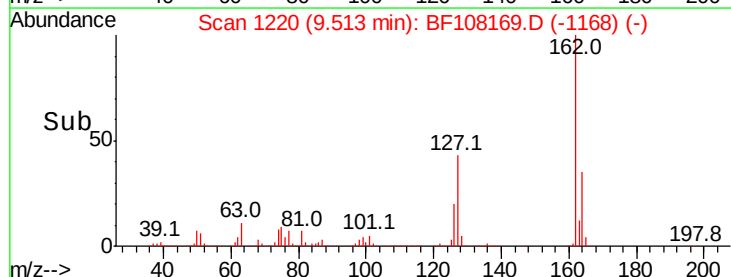
164 34.7 26.5 39.7

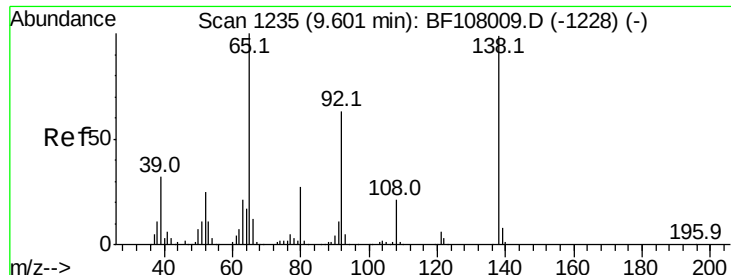


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





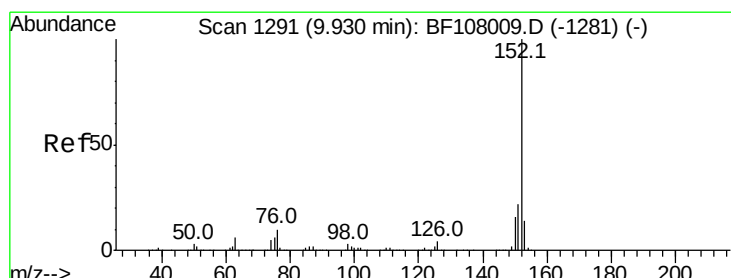
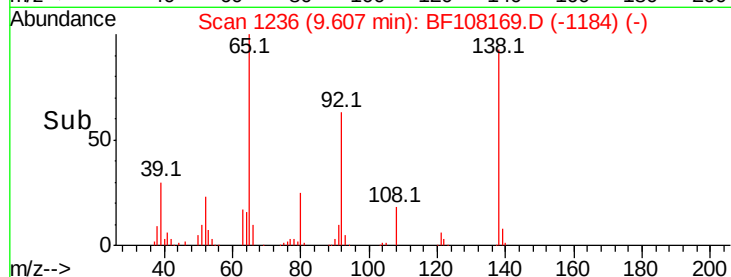
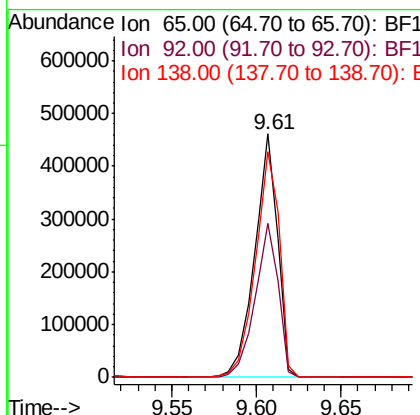
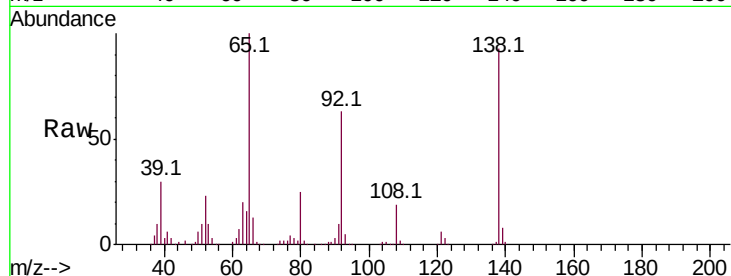
#47
2-Nitroaniline
Concen: 43.372 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.2	55.8	83.6
138	92.9	91.2	136.8

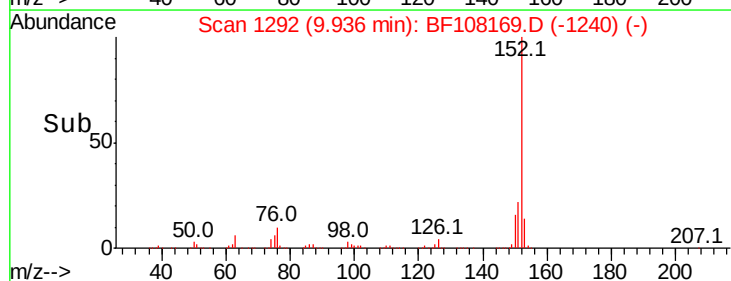
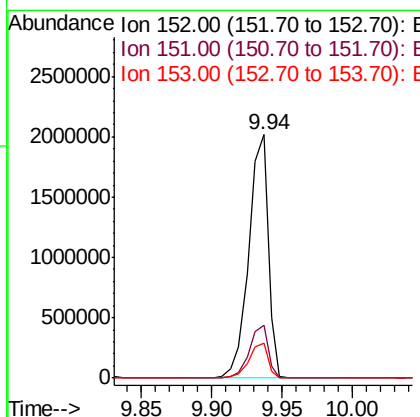
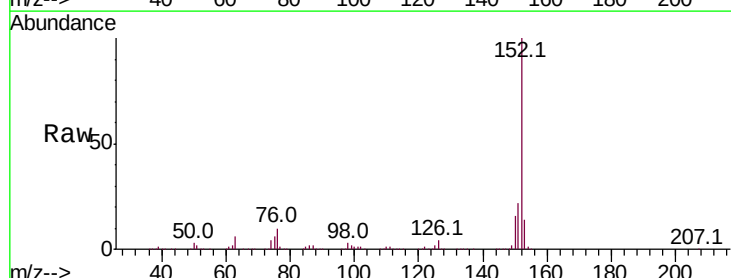
Manual Integrations
APPROVED

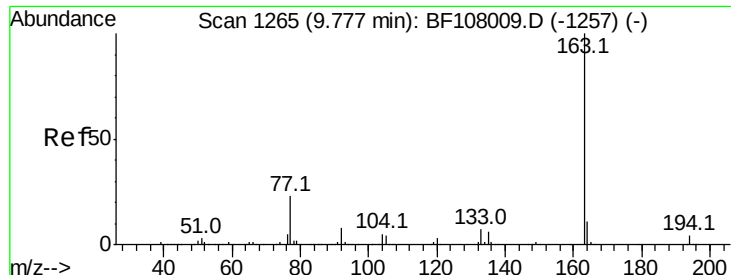
Sohil
8/16/2018 5:27:01 PM



#48
Acenaphthylene
Concen: 39.680 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.3	10.7	16.1





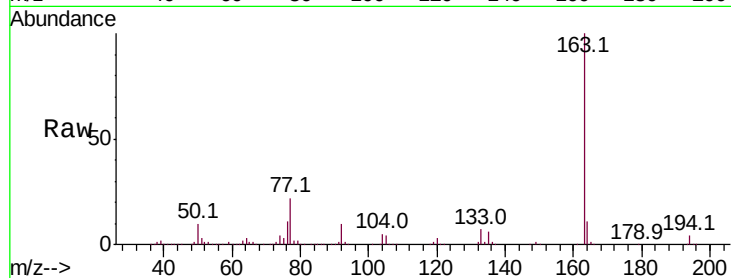
#49
 Dimethylphthalate
 Concen: 40.228 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

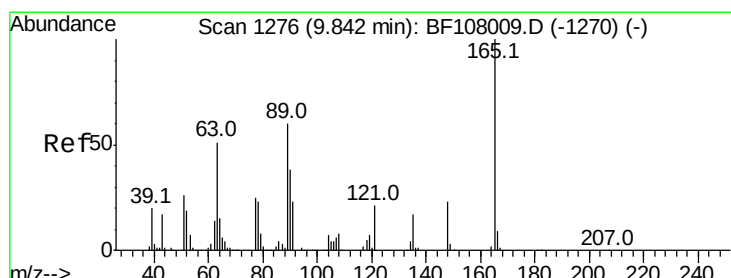
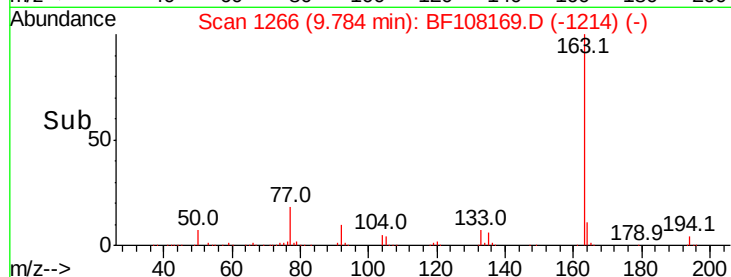
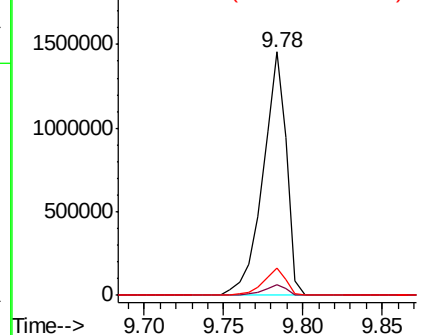
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.1	8.2	12.2

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:01 PM



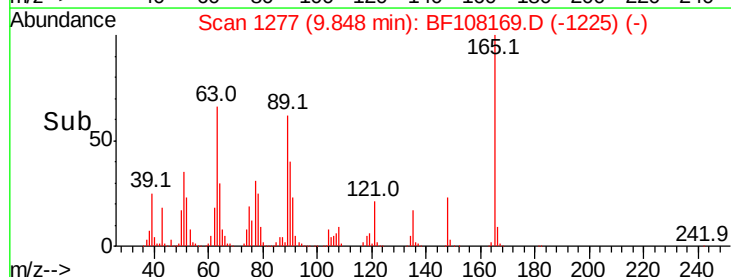
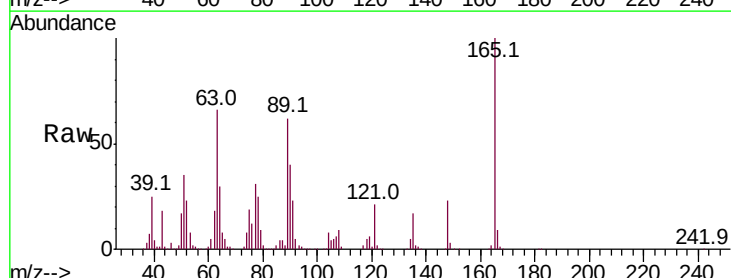
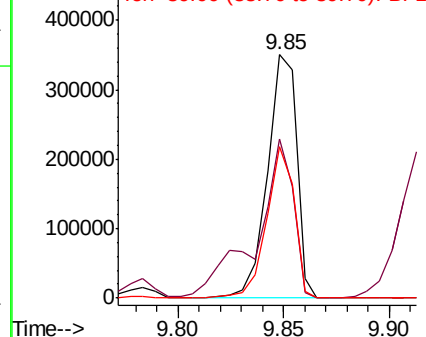
Abundance Ion 163.00 (162.70 to 163.70): E
 2000000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

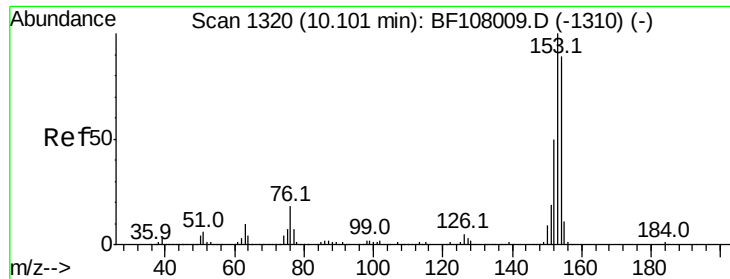


#50
 2,6-Dinitrotoluene
 Concen: 43.295 ng
 RT: 9.85 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.6	44.7	67.1
89	62.5	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: 40.393 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1221031

Ion Ratio Lower Upper

154 100

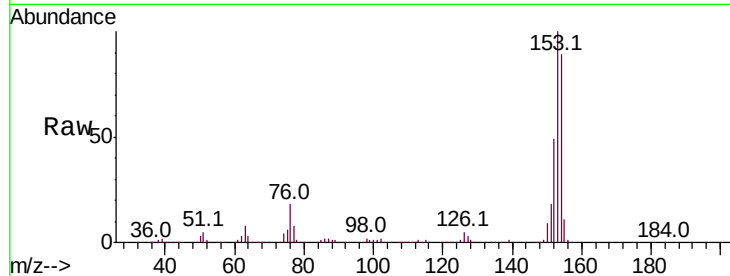
153 112.7 91.2 136.8

152 55.0 43.8 65.8

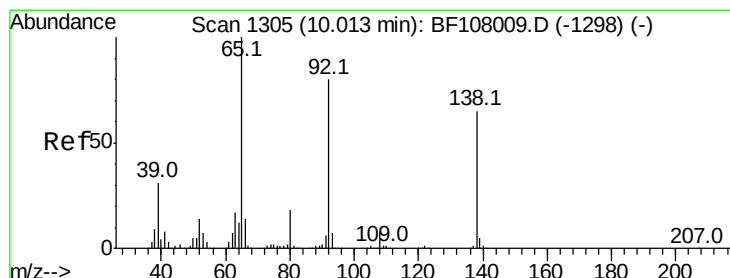
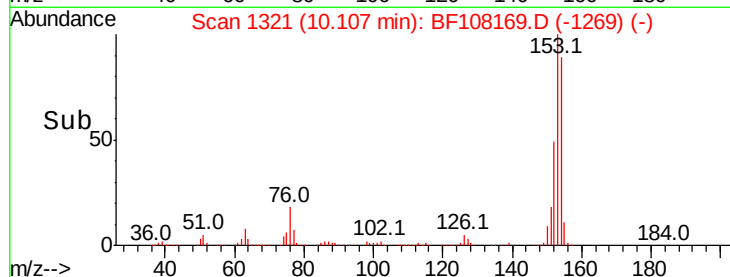
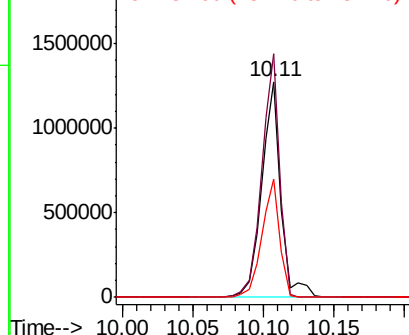
Manual Integrations
APPROVED

Sohil

8/16/2018 5:27:01 PM



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.810 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

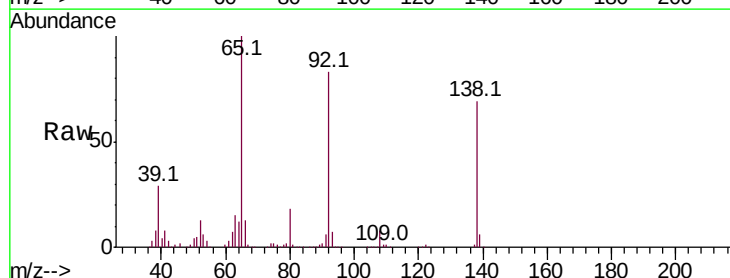
Tgt Ion:138 Resp: 357157

Ion Ratio Lower Upper

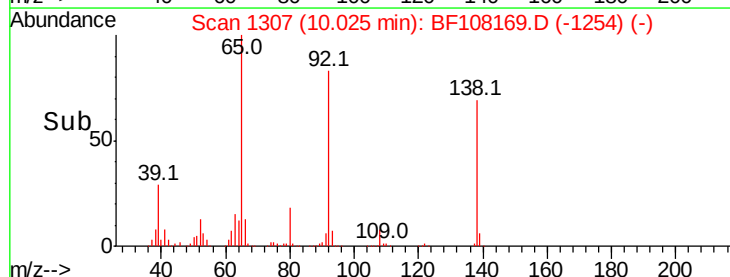
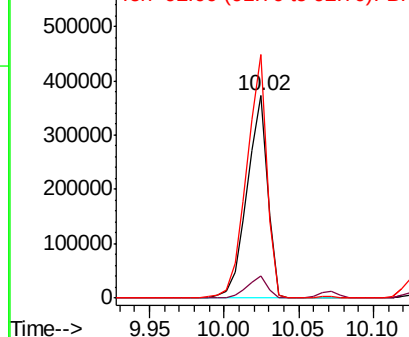
138 100

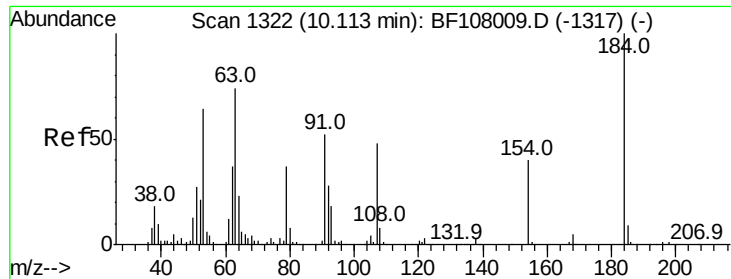
108 10.9 9.4 14.0

92 120.5 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
600000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





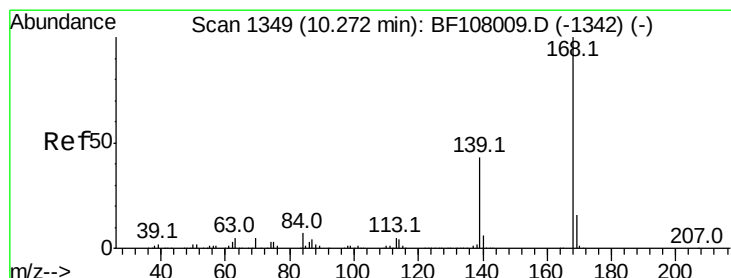
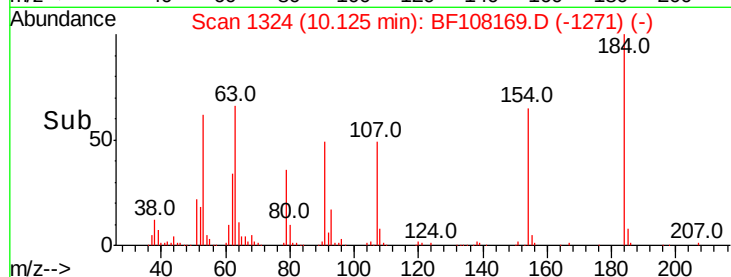
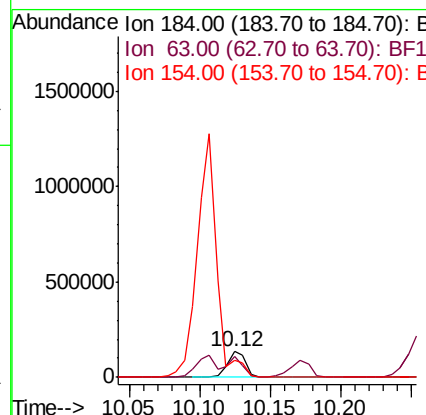
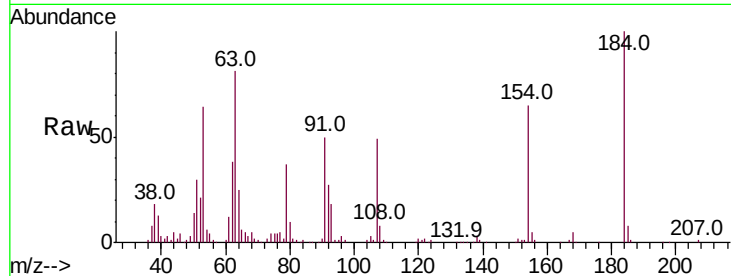
#53
2,4-Dinitrophenol
Concen: 45.893 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.9	54.2	81.2
154	64.7	184.0	276.0#

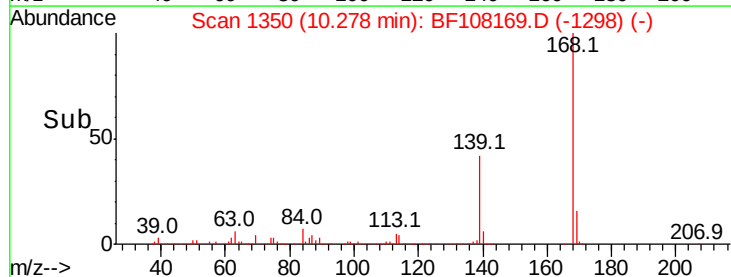
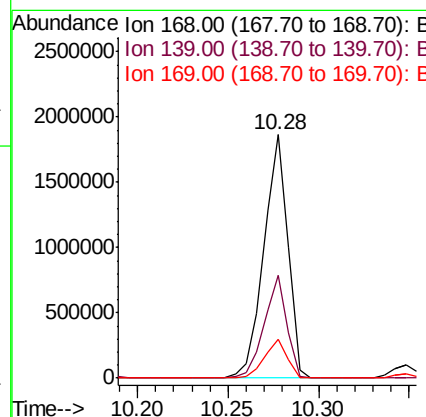
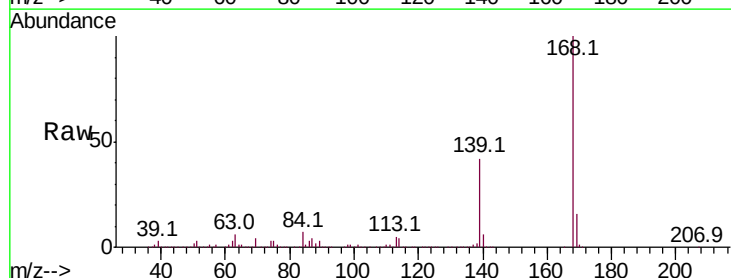
Manual Integrations
APPROVED

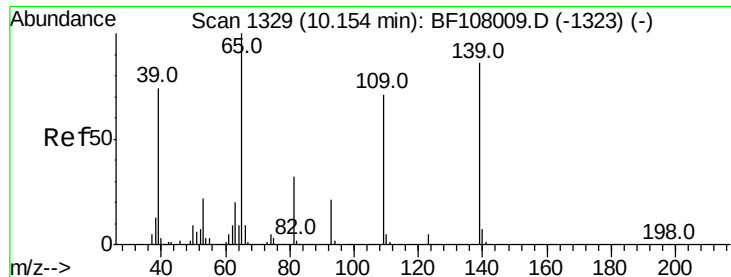
Sohil
8/16/2018 5:27:01 PM



#54
Dibenzofuran
Concen: 39.181 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.5	30.1	45.1
169	15.8	10.9	16.3





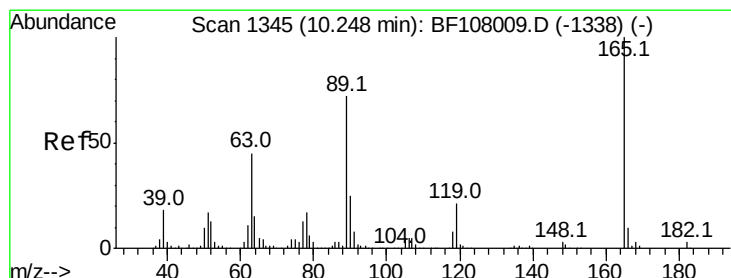
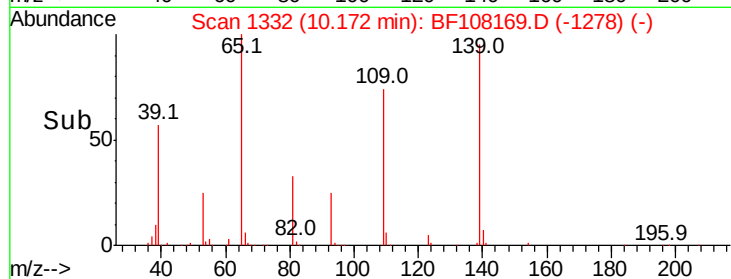
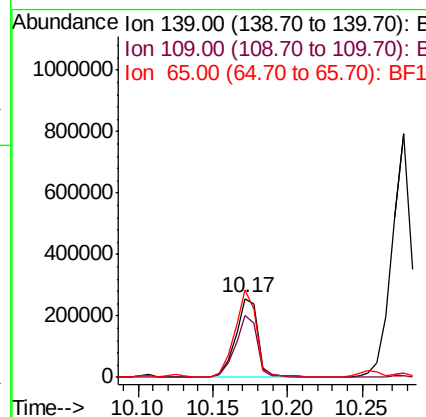
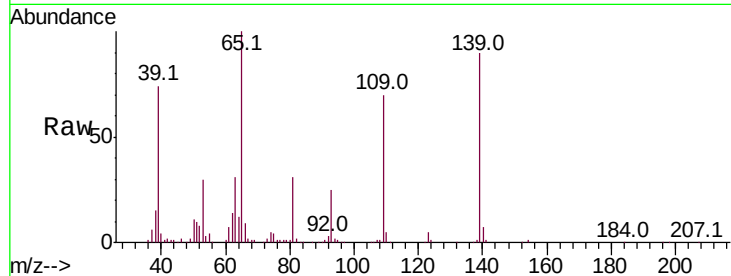
#55
4-Nitrophenol
Concen: 41.880 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.9	48.4	88.4
65	111.5	72.6	112.6

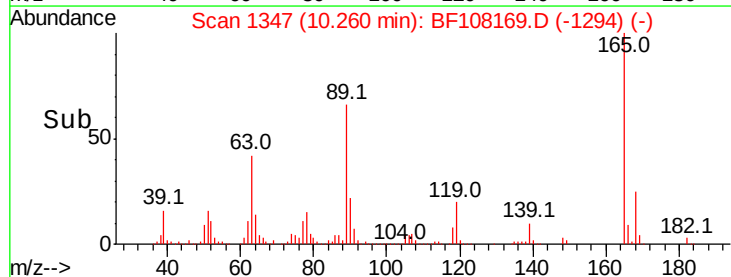
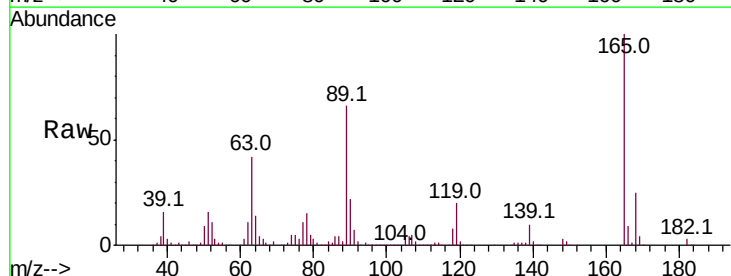
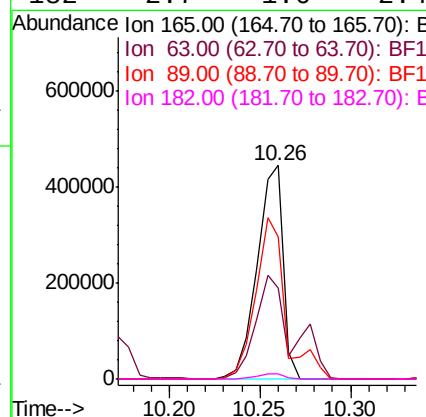
Manual Integrations
APPROVED

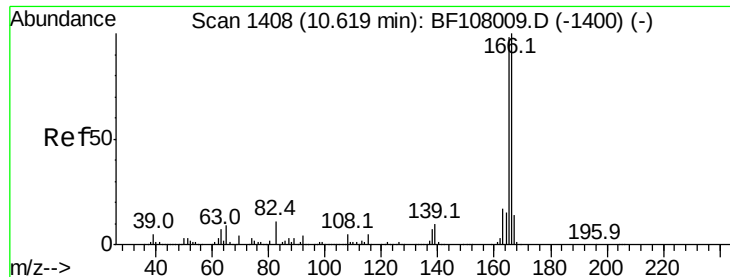
Sohil
8/16/2018 5:27:01 PM



#56
2,4-Dinitrotoluene
Concen: 43.991 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	36.4	54.6
89	66.4	57.8	86.6
182	2.7	1.6	2.4#





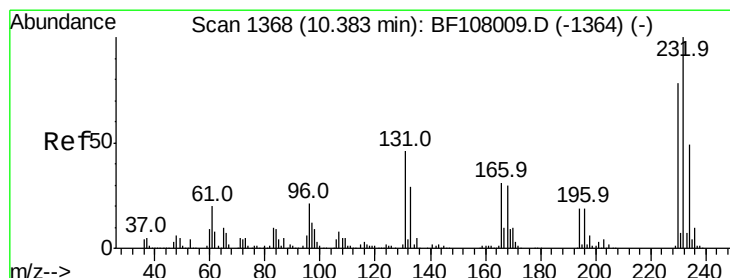
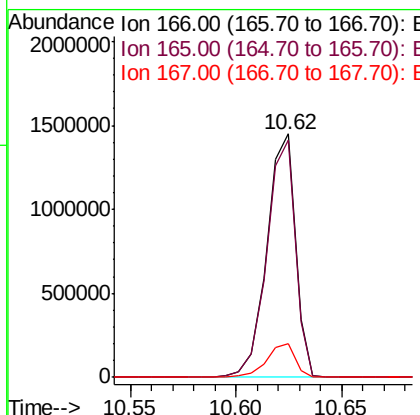
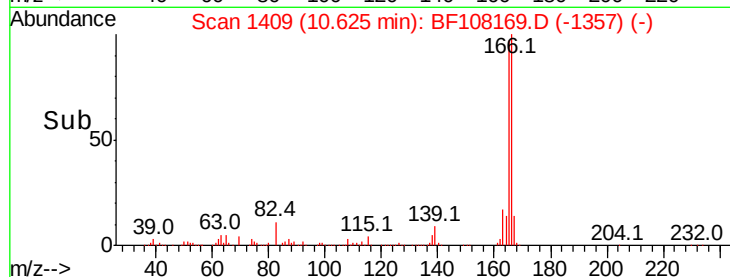
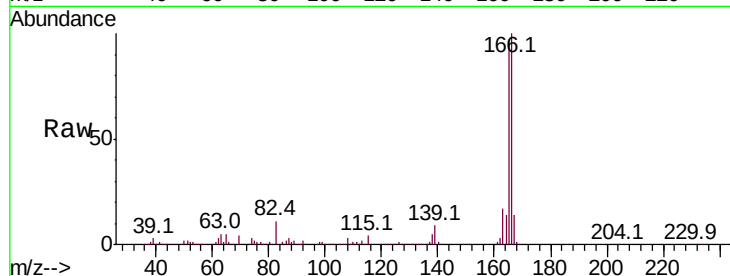
#57
 Fluorene
 Concen: 39.461 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.7	10.6	16.0

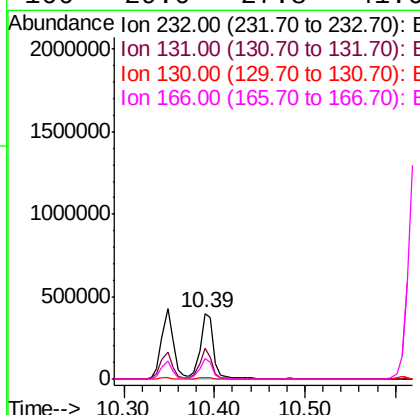
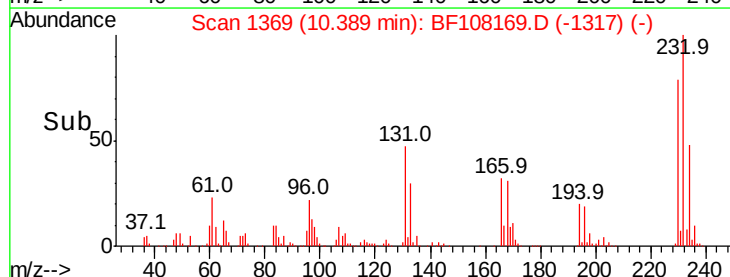
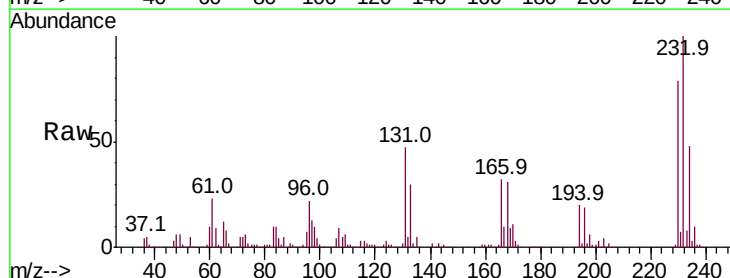
Manual Integrations
 APPROVED

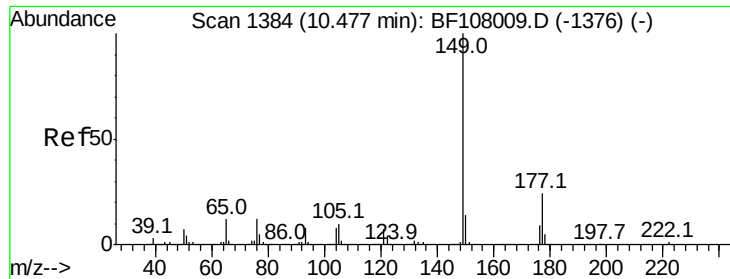
Sohil
 8/16/2018 5:27:01 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.639 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	43.8	65.8#
130	2.1	2.1	3.1#
166	29.0	27.8	41.6





#59

Diethylphthalate

Concen: 38.991 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1408972

Ion Ratio Lower Upper

149 100

177 24.4 16.1 24.1#

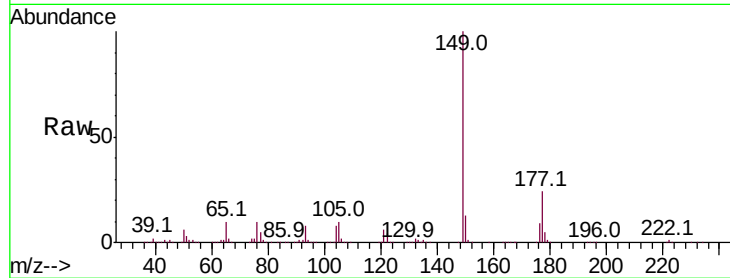
150 13.2 10.1 15.1

Manual Integrations

APPROVED

Sohil

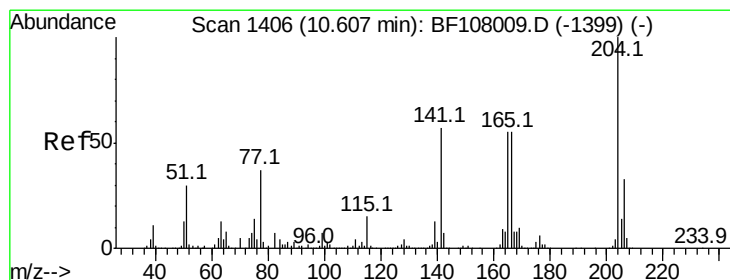
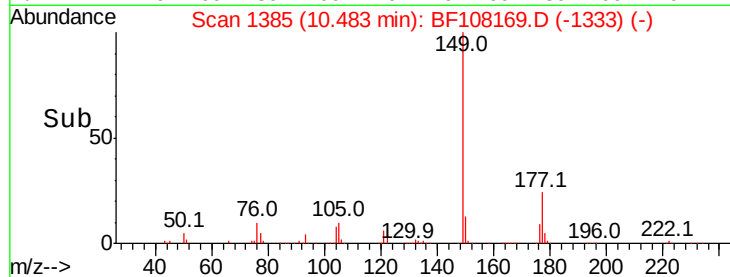
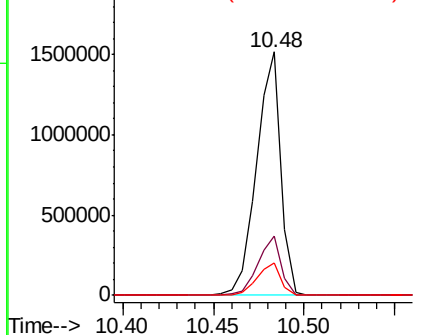
8/16/2018 5:27:01 PM



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: 39.112 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

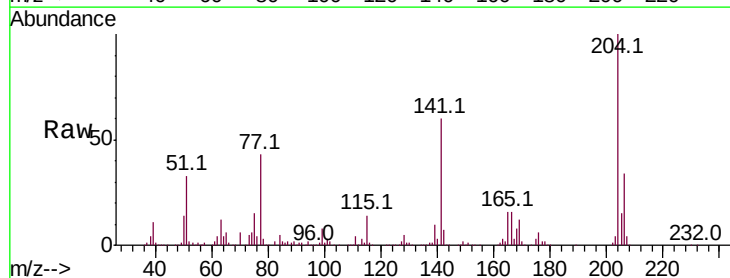
Tgt Ion:204 Resp: 706553

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

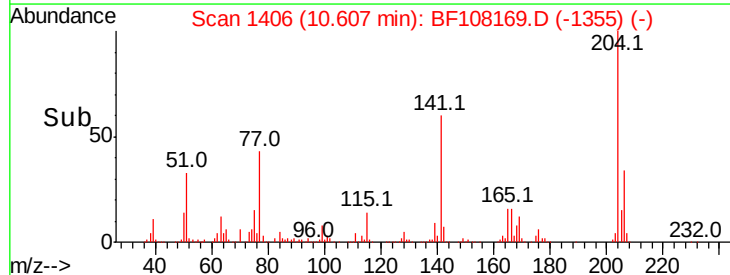
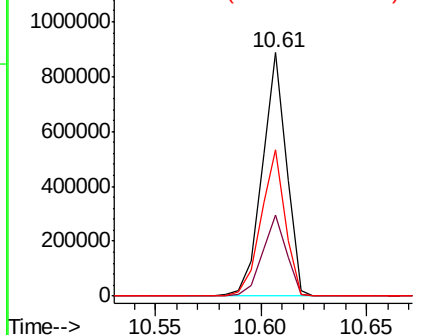
141 60.4 54.6 81.8

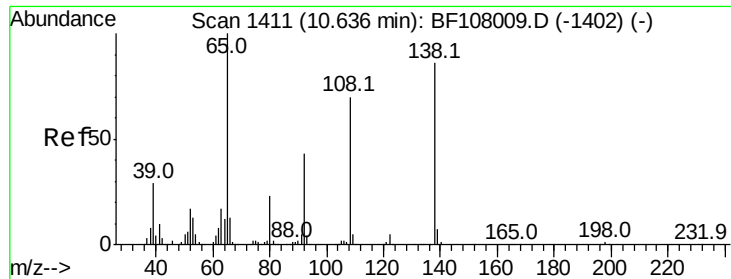


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





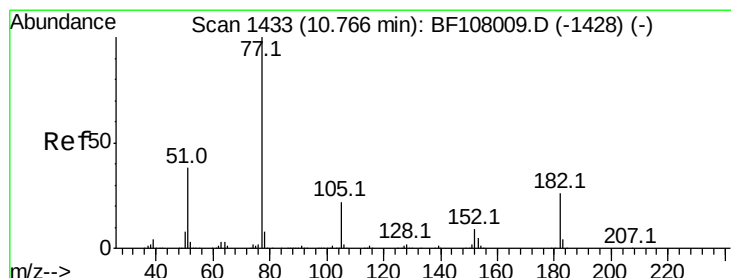
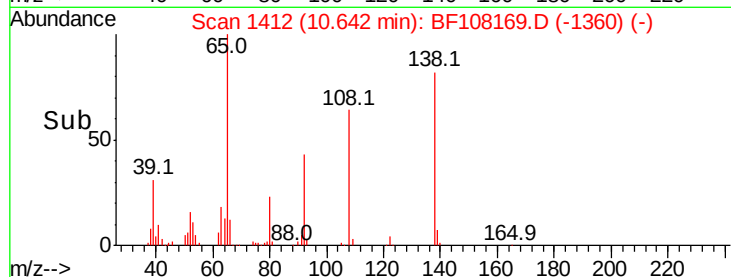
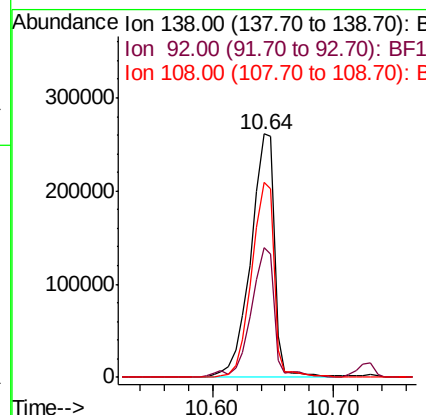
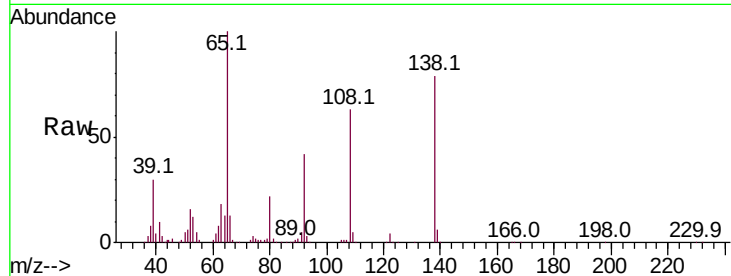
#61
4-Nitroaniline
Concen: 43.073 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	79.9	52.5	92.5

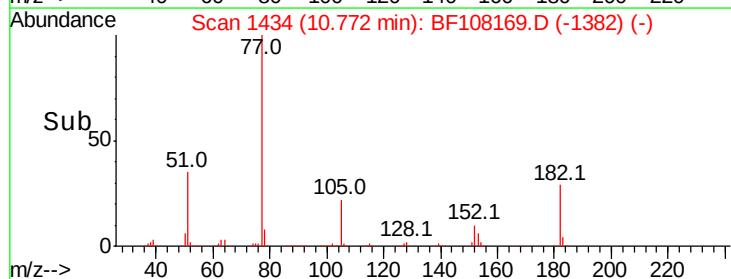
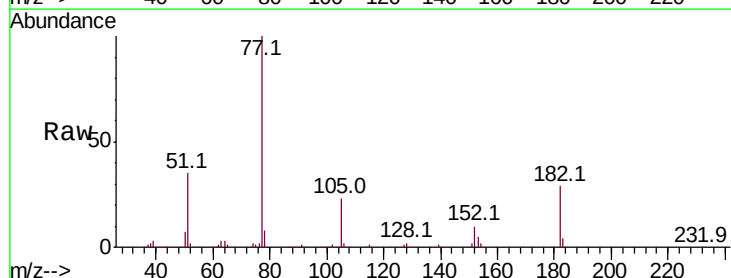
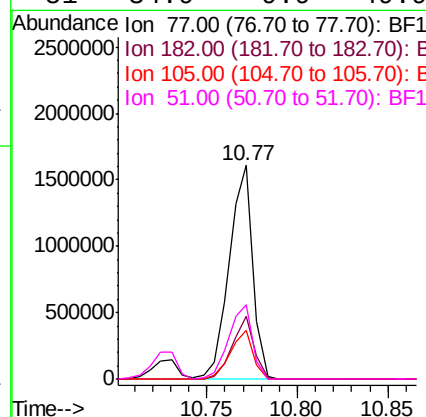
Manual Integrations
APPROVED

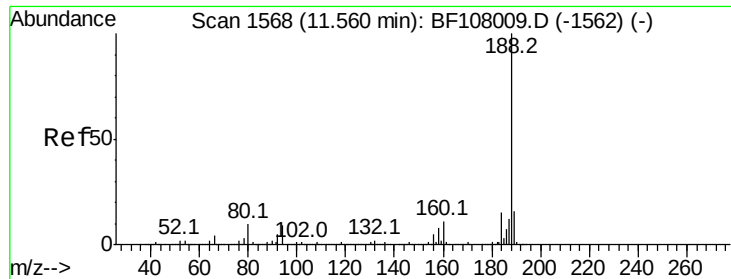
Sohil
8/16/2018 5:27:01 PM



#62
Azobenzene
Concen: 38.884 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	1.7	41.7
105	22.5	3.0	43.0
51	34.9	9.9	49.9





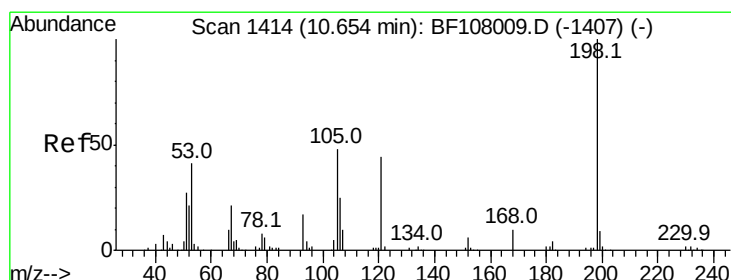
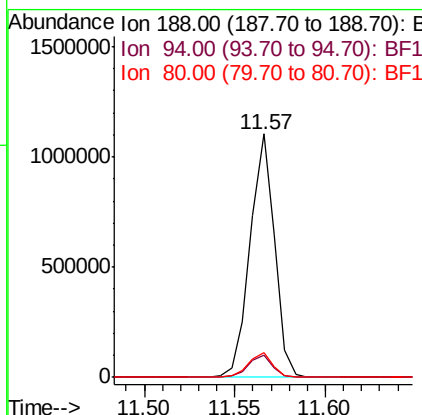
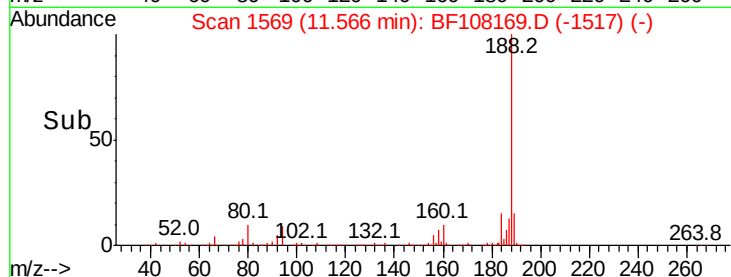
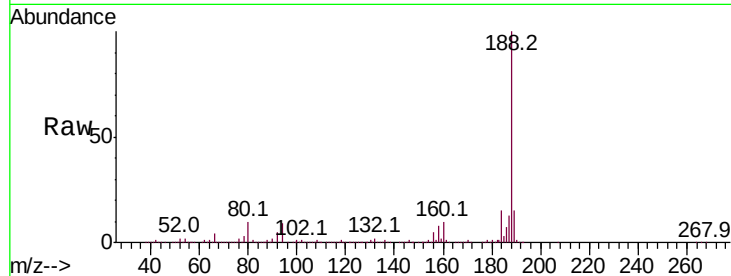
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

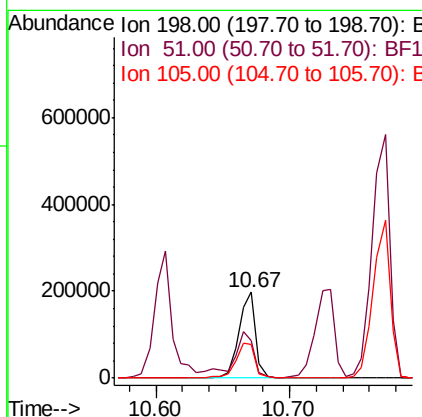
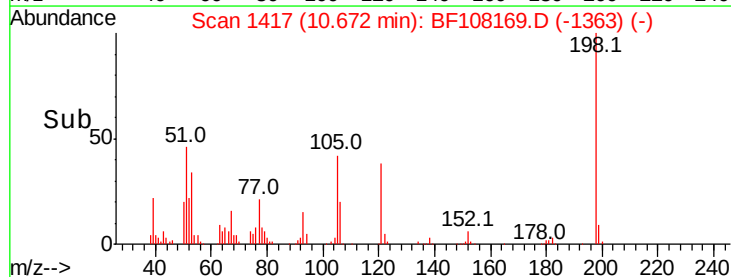
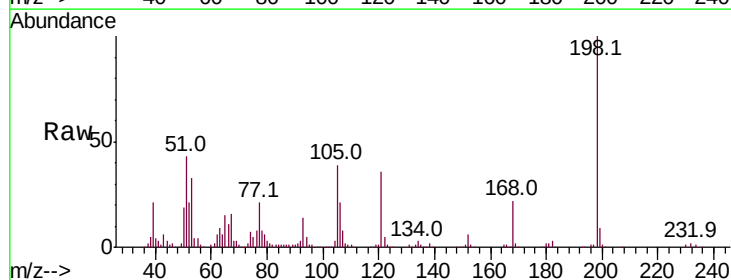
Manual Integrations
 APPROVED

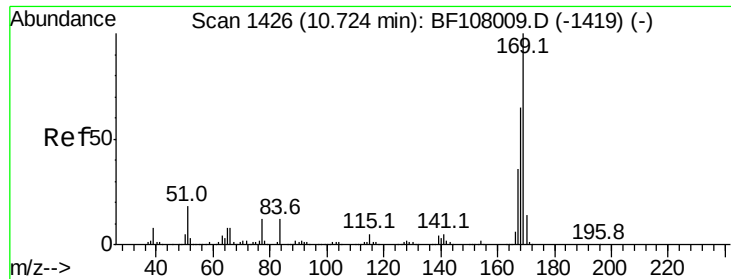
Sohil
 8/16/2018 5:27:01 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.533 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.02 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.4	37.7	77.7
105	39.5	36.3	76.3





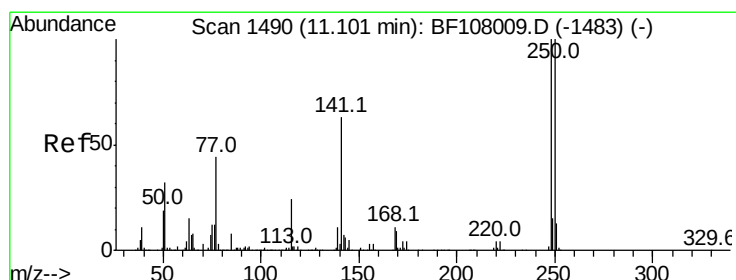
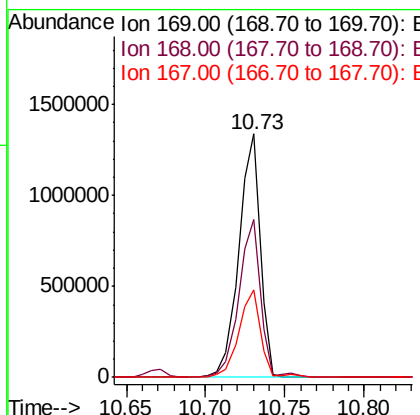
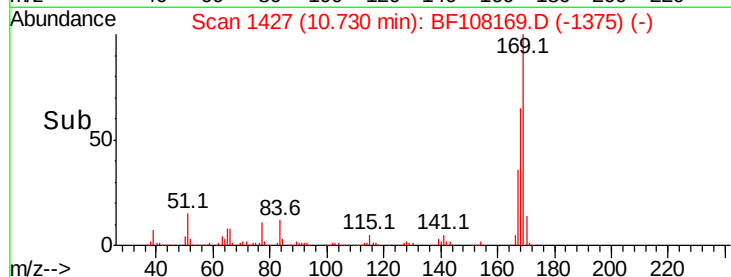
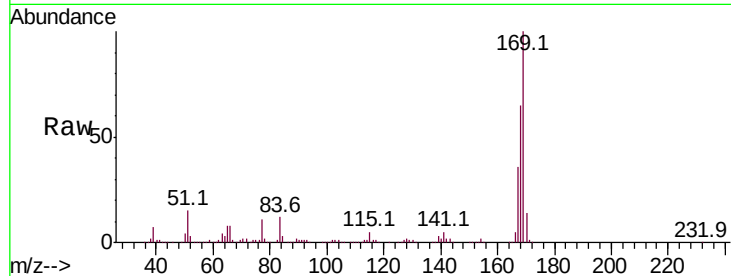
#65
n-Nitrosodiphenylamine
Concen: 41.017 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.0	54.4	81.6
167	35.7	29.8	44.6

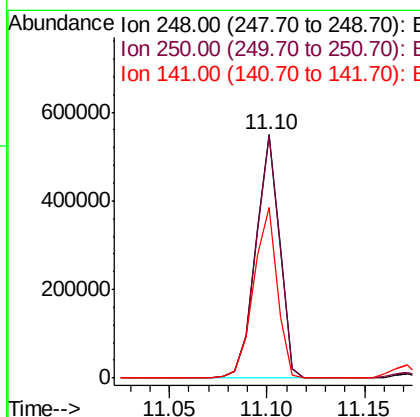
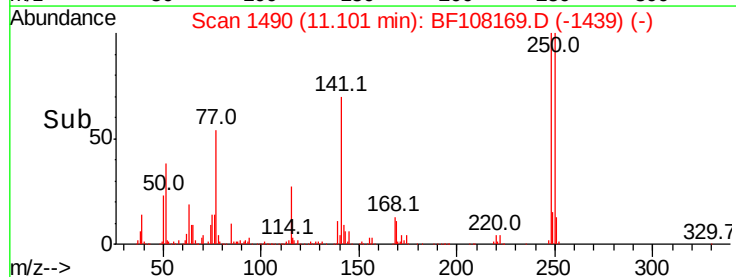
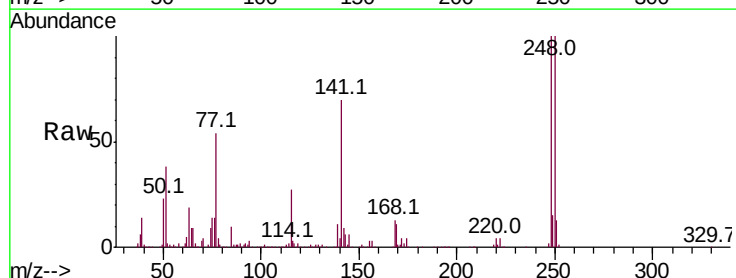
Manual Integrations
APPROVED

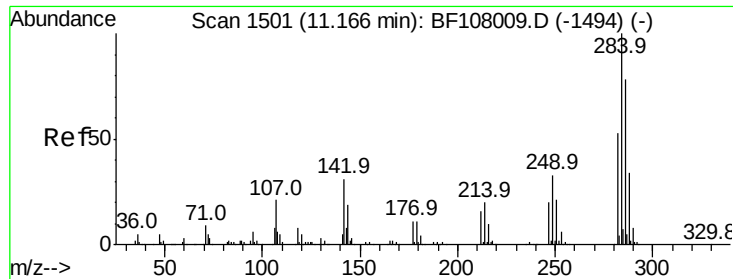
Sohil
8/16/2018 5:27:01 PM



#66
4-Bromophenyl-phenylether
Concen: 41.591 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.9	115.3
141	70.1	74.4	111.6#





#67

Hexachlorobenzene

Concen: 41.441 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

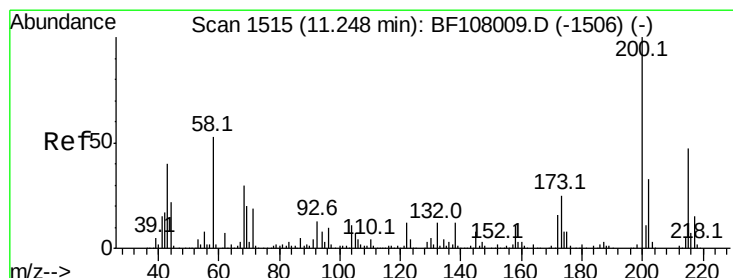
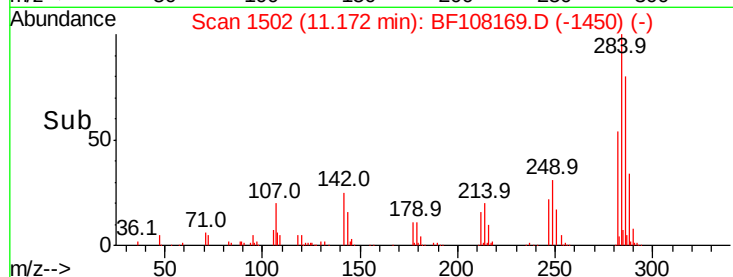
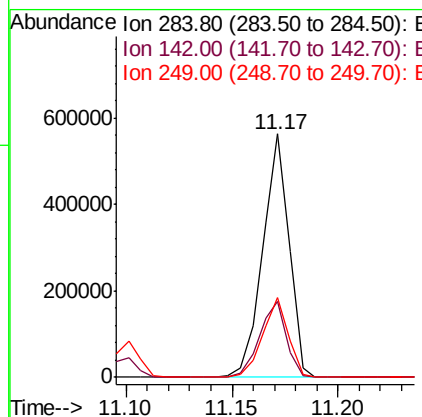
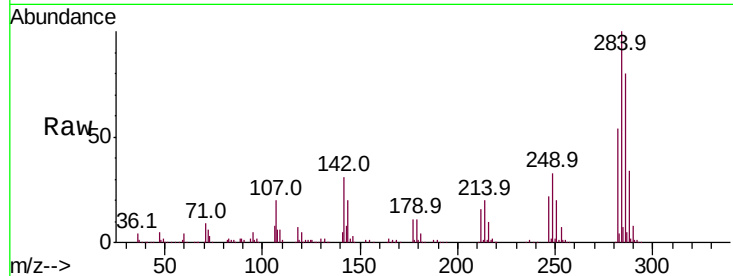
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.2	34.6	52.0	
249	32.6	24.8	37.2	

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM



#68

Atrazine

Concen: 42.001 ng

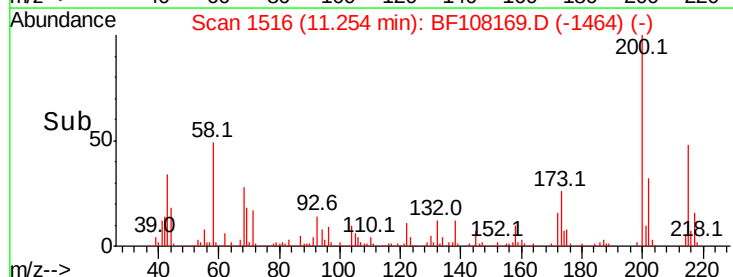
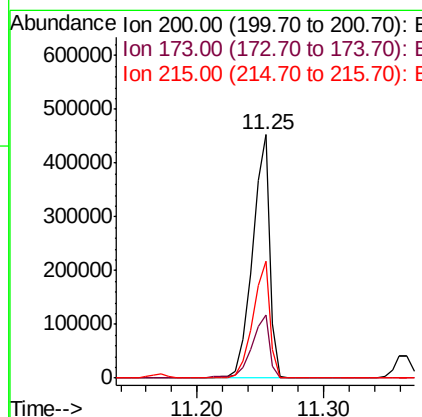
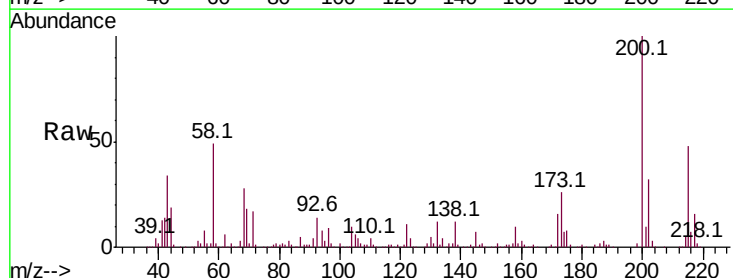
RT: 11.25 min Scan# 1516

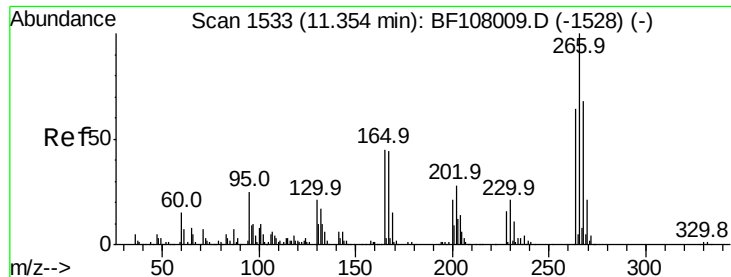
Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.0	8.6	48.6	
215	47.9	25.1	65.1	





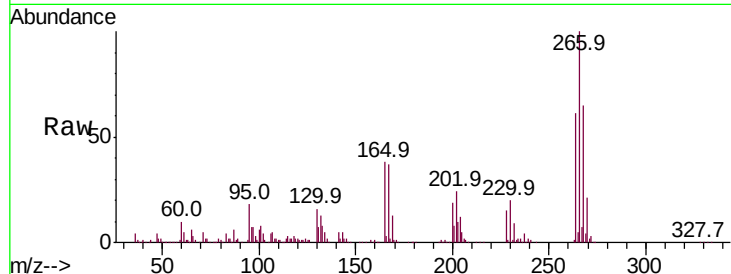
#69
 Pentachlorophenol
 Concen: 43.003 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	242099		
268	65.2		51.1	76.7
264	61.5		49.5	74.3

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:01 PM

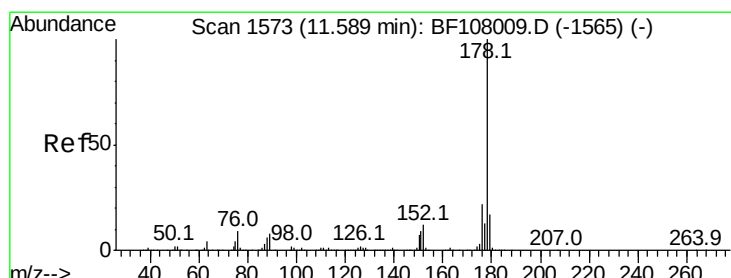
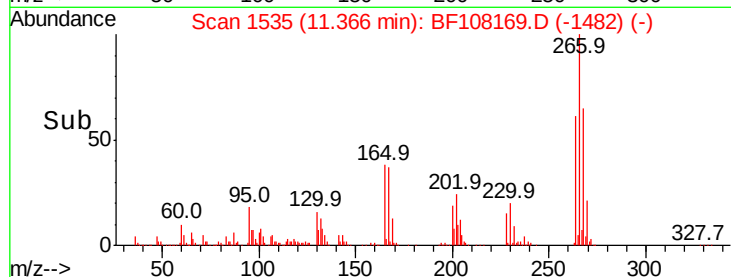
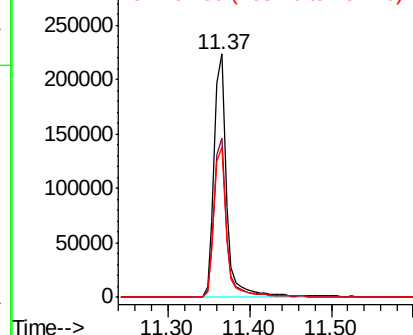


Abundance

Ion 265.70 (265.40 to 266.40): E

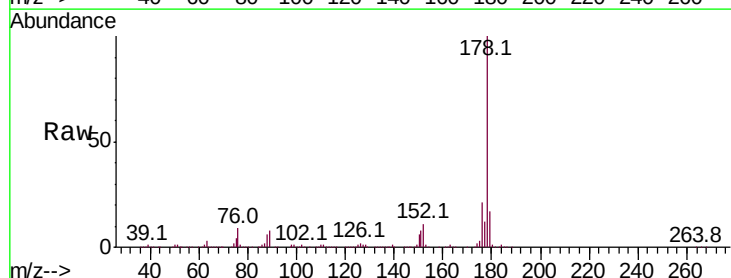
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.880 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1934956		
176	21.0		15.8	23.8
179	16.7		13.0	19.6

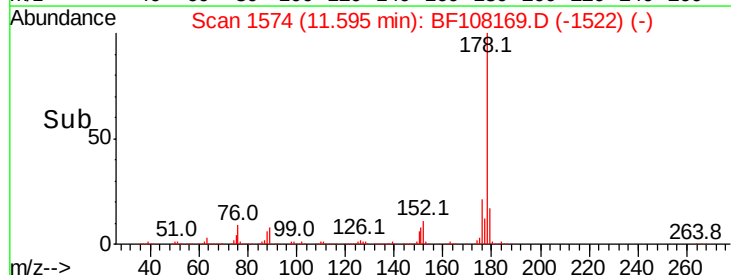
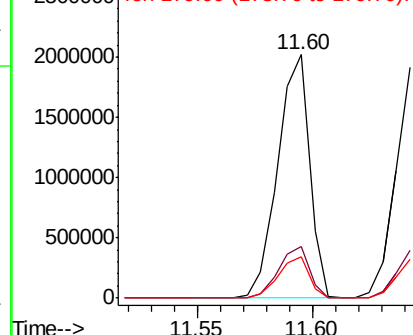


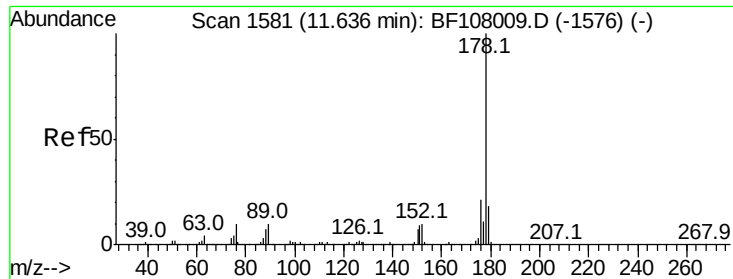
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





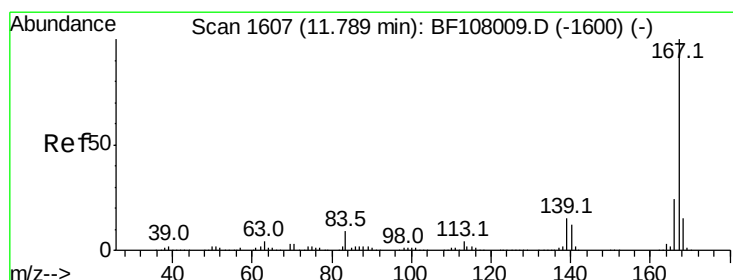
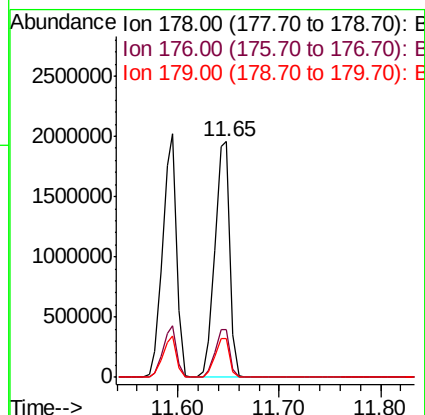
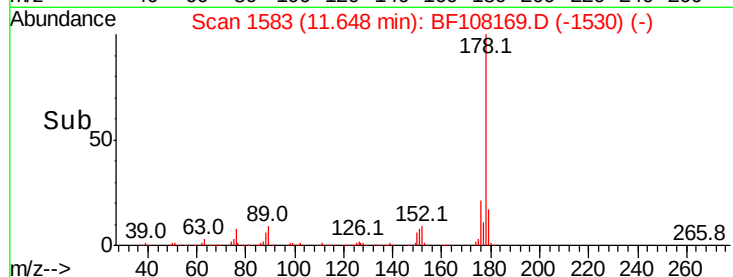
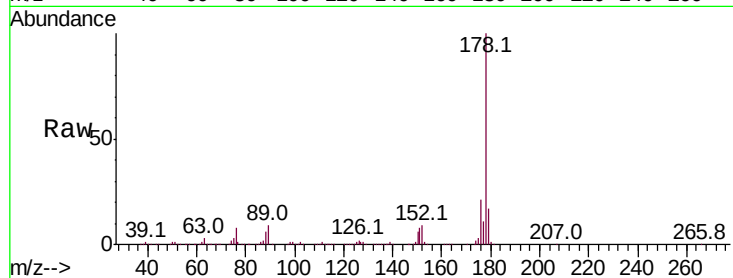
#71
 Anthracene
 Concen: 40.161 ng
 RT: 11.65 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	16.6	12.6	19.0

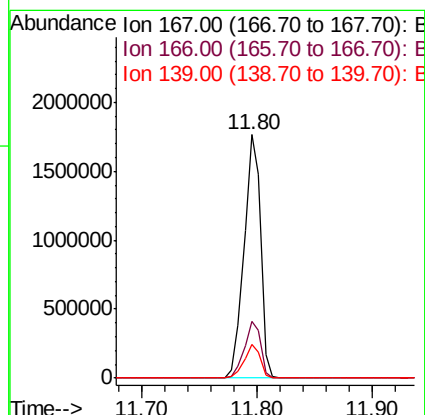
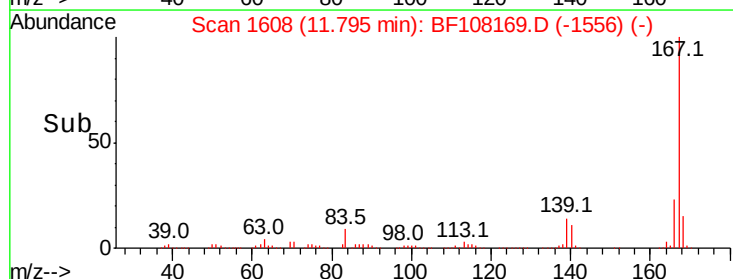
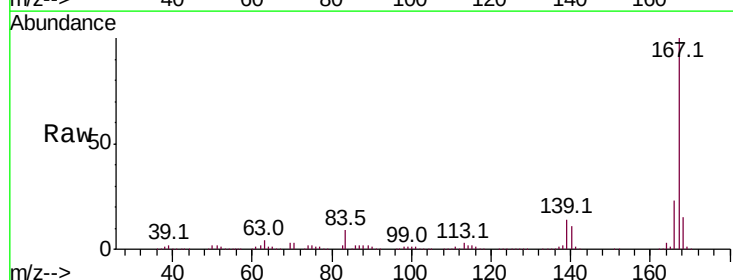
Manual Integrations
 APPROVED

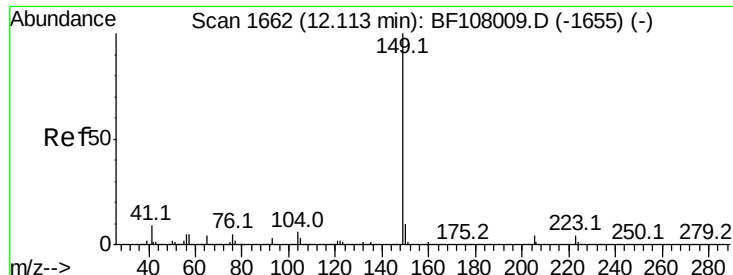
Sohil
 8/16/2018 5:27:01 PM



#72
 Carbazole
 Concen: 39.736 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	14.1	10.9	16.3





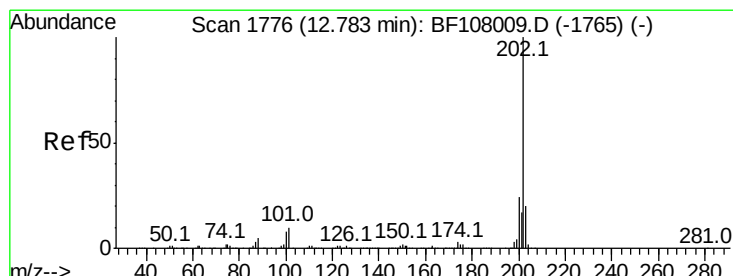
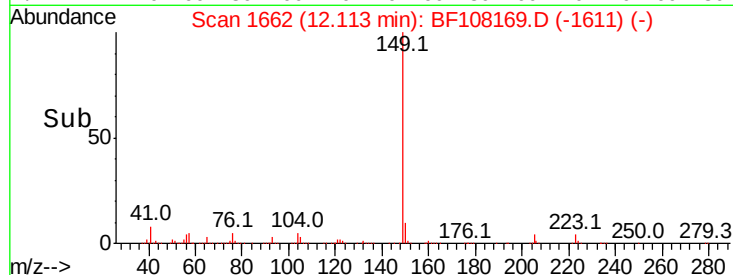
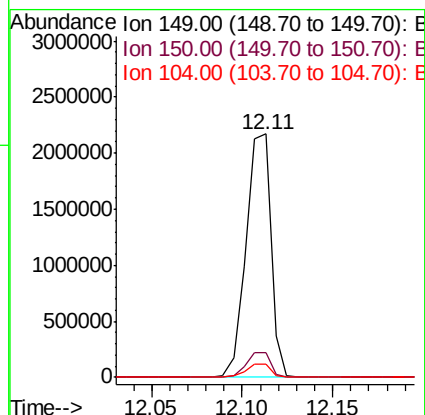
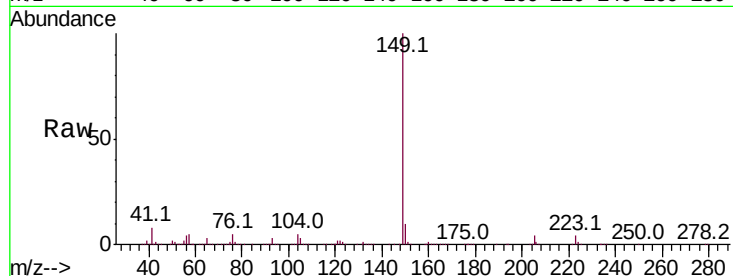
#73
Di-n-butylphthalate
Concen: 41.311 ng
RT: 12.11 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.3	3.8	5.8

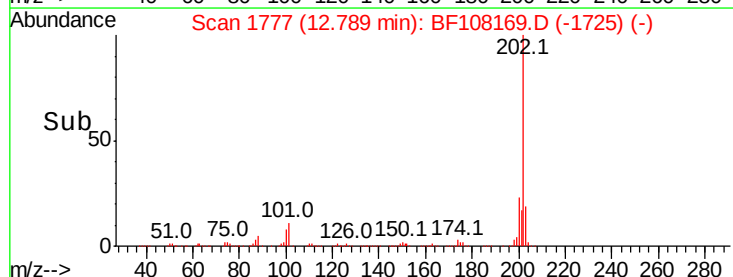
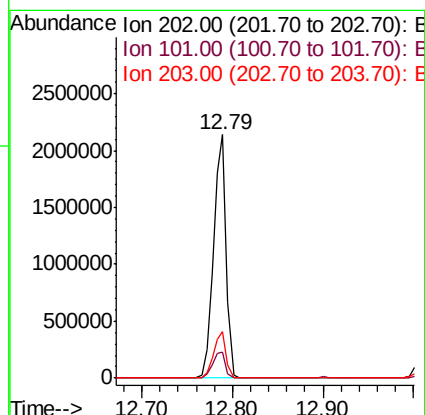
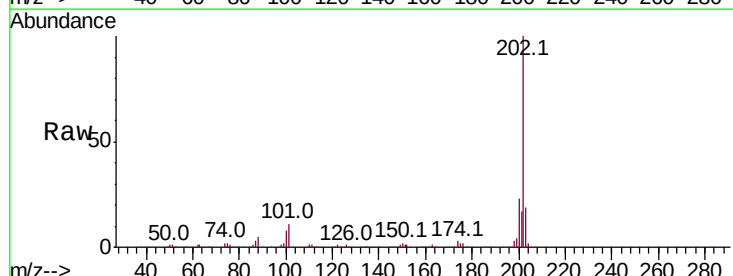
Manual Integrations
APPROVED

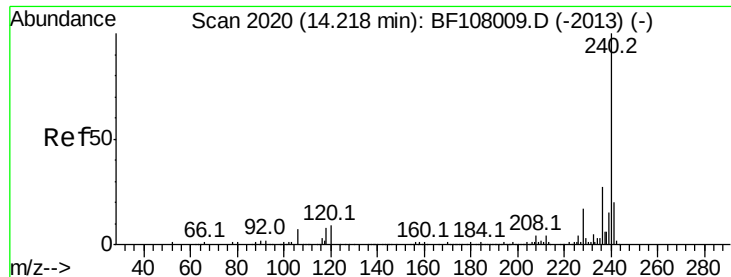
Sohil
8/16/2018 5:27:01 PM



#74
Fluoranthene
Concen: 39.018 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

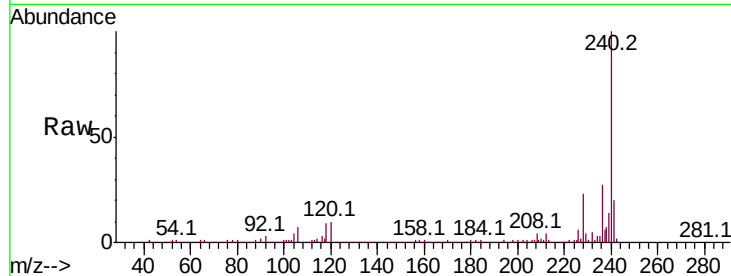
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM

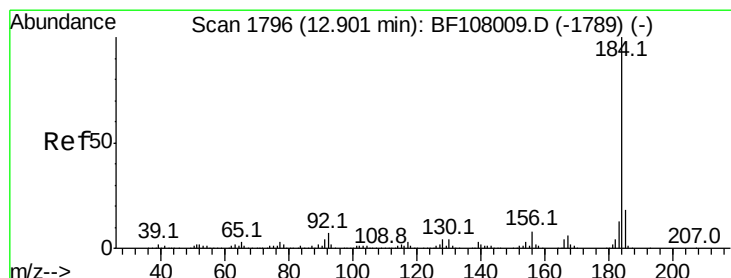
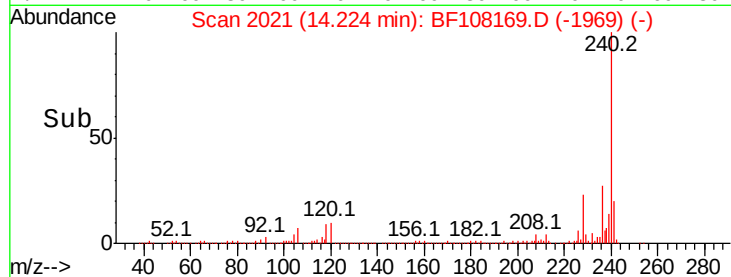
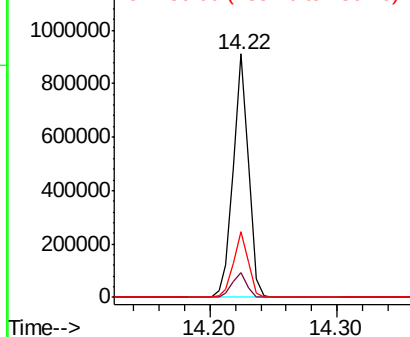


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.640 ng

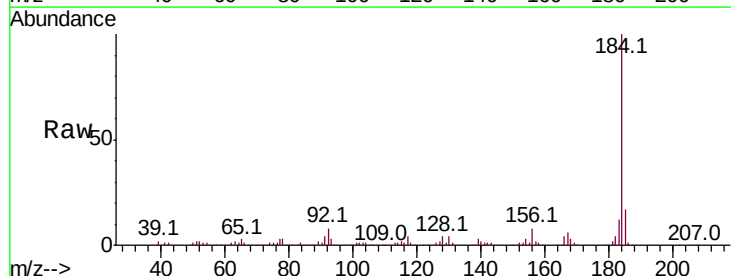
RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.6	18.8
183	12.5	9.3	13.9

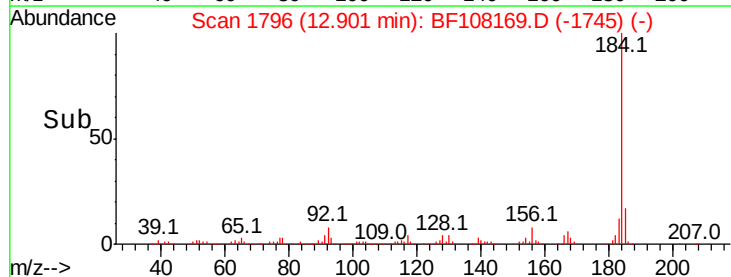
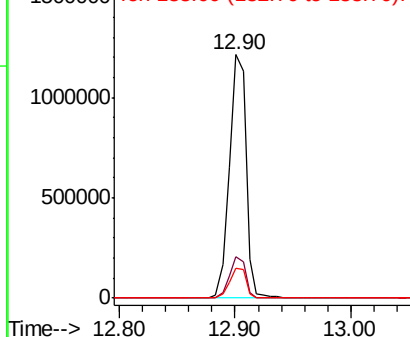


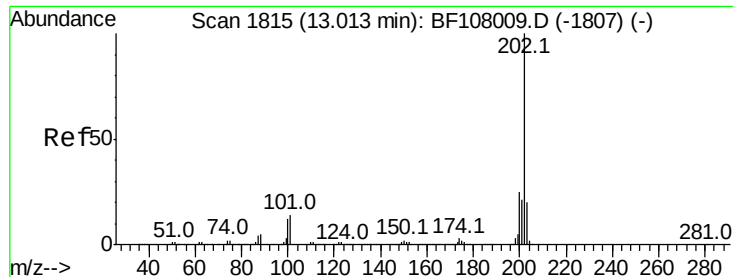
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





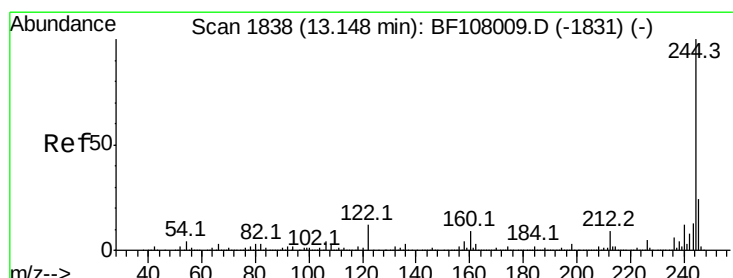
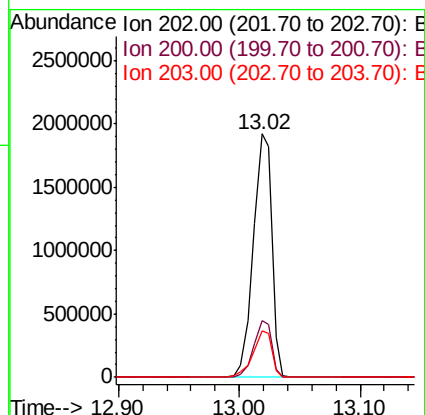
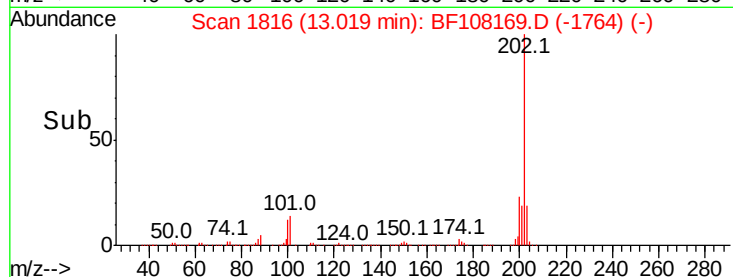
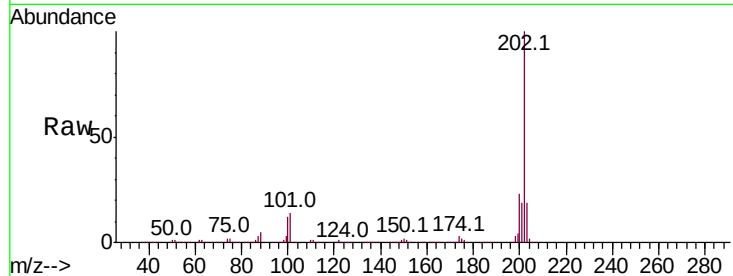
#77
Pvrene
Concen: 43.702 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot	Ion:202	Resp: 2068244	
Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.4	26.2
203	19.1	14.3	21.5

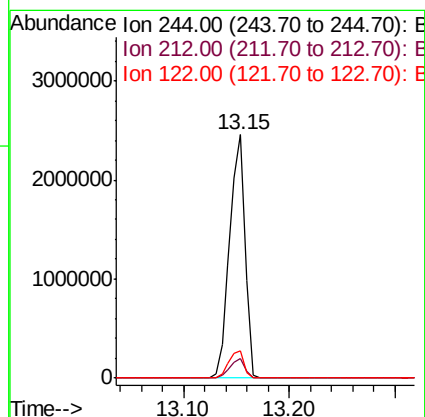
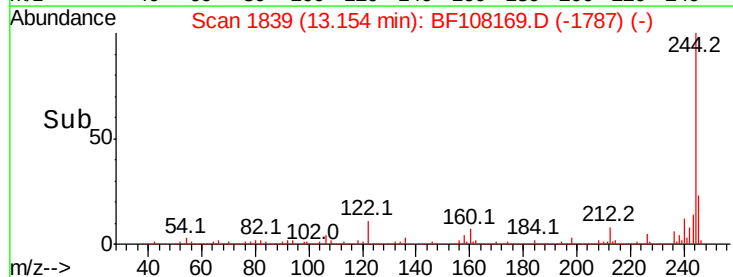
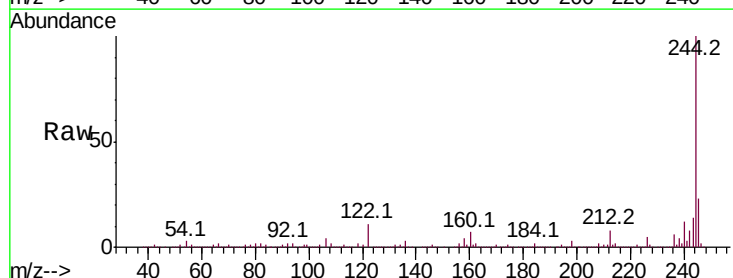
Manual Integrations
APPROVED

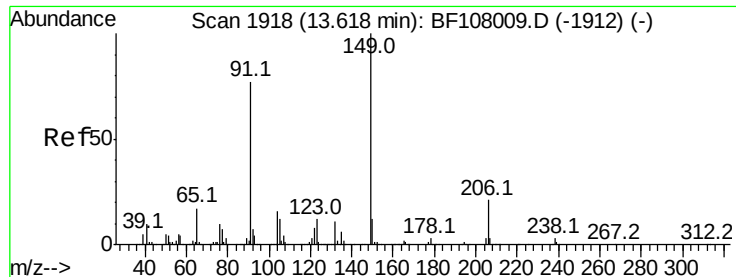
Sohil
8/16/2018 5:27:01 PM



#78
Terphenyl-d14
Concen: 84.662 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt	Ion:244	Resp: 2489103	
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	11.1	11.0	16.4





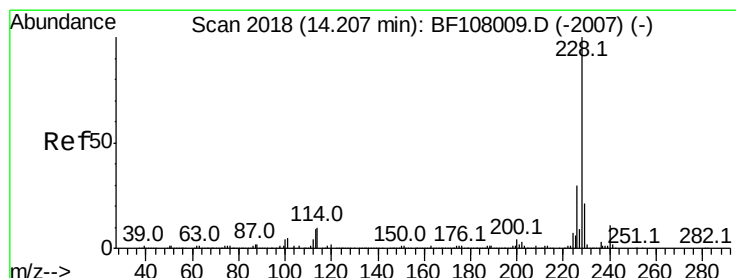
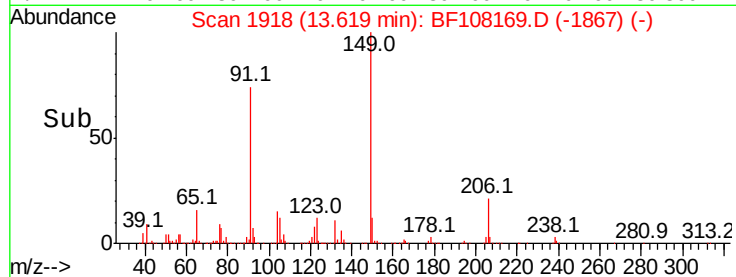
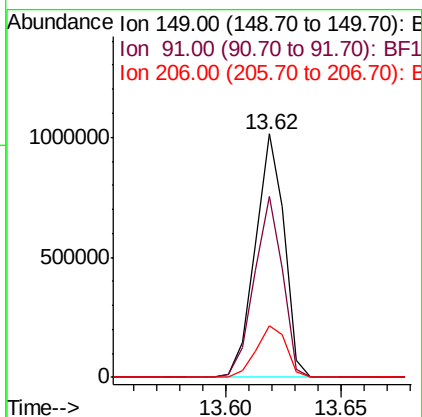
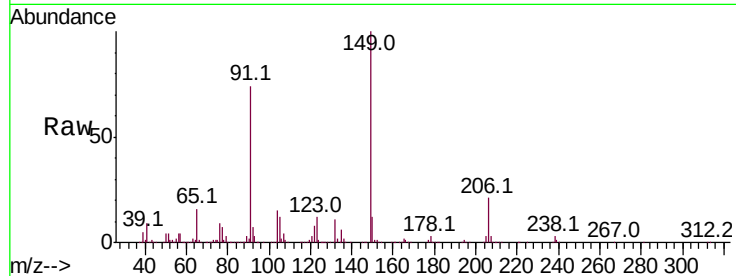
#79
Butylbenzylphthalate
Concen: 47.120 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	885508		
91	74.5	56.8	85.2	
206	21.2	14.1	21.1	

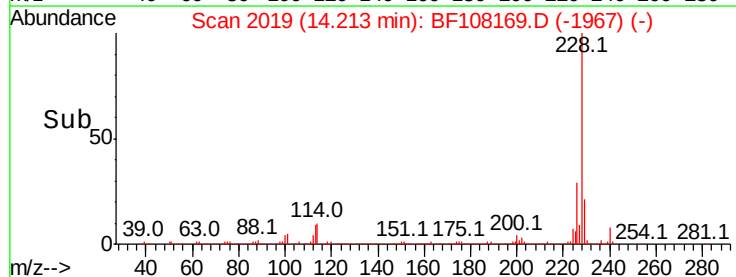
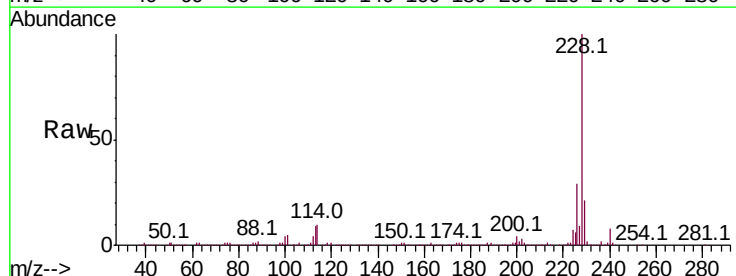
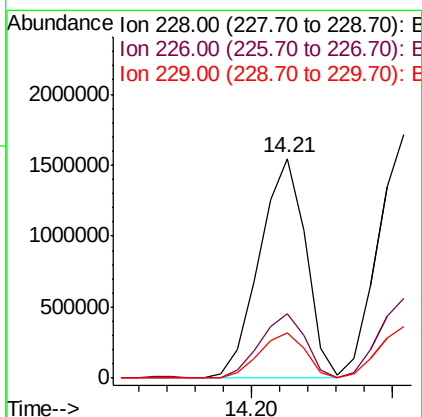
Manual Integrations
APPROVED

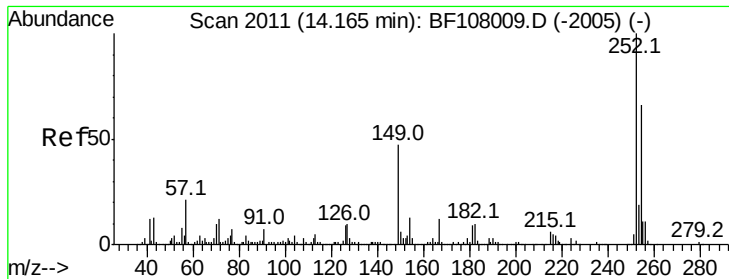
Sohil
8/16/2018 5:27:01 PM



#80
Benzo(a)anthracene
Concen: 40.979 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1758002		
226	29.5	22.6	33.8	
229	20.7	15.8	23.6	





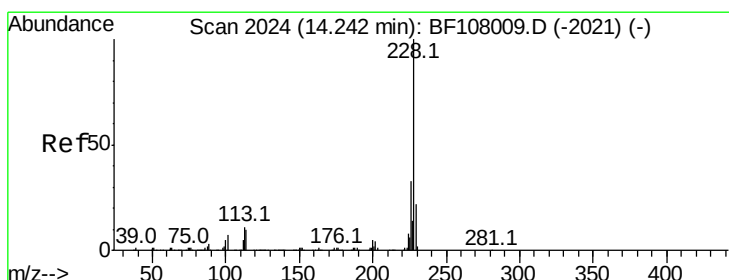
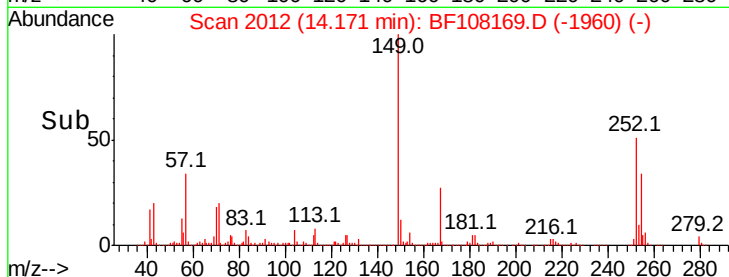
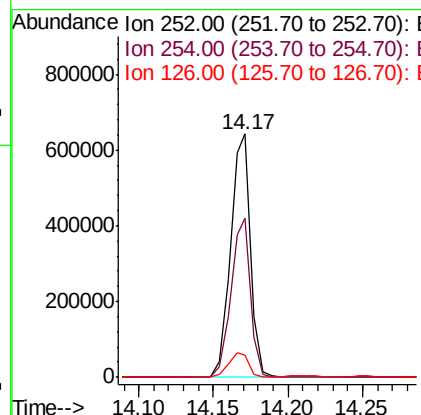
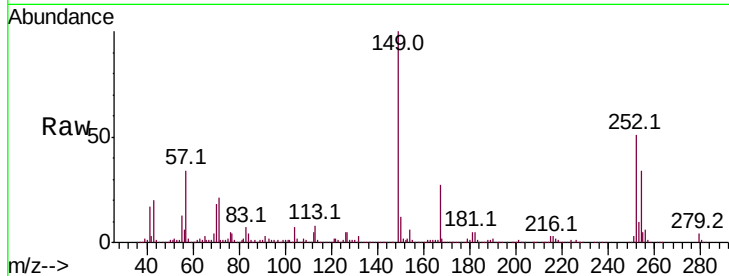
#81
 3,3'-Dichlorobenzidine
 Concen: 39.585 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	608600		
254	65.5	50.4	75.6	
126	9.0	11.3	16.9	

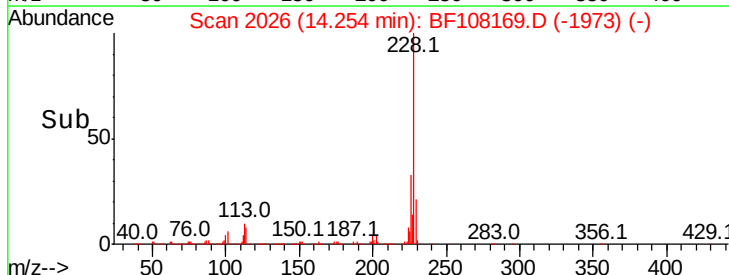
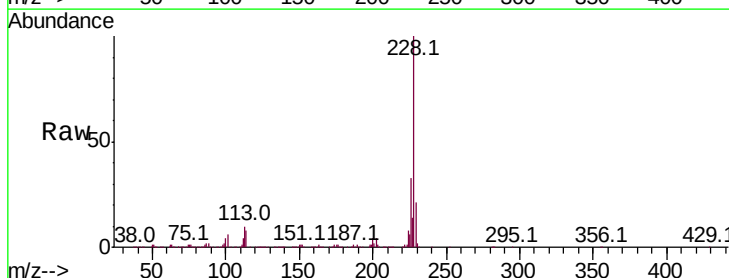
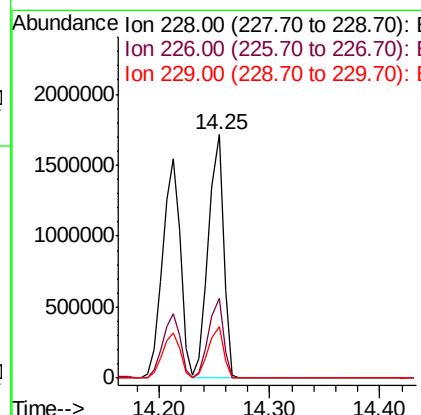
Manual Integrations
 APPROVED

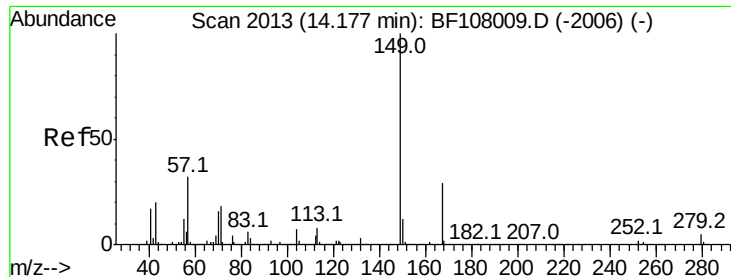
Sohil
 8/16/2018 5:27:01 PM



#82
 Chrysene
 Concen: 40.442 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108169.D
 Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1590629		
226	32.6	25.0	37.6	
229	21.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.989 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1094021

Ion Ratio Lower Upper

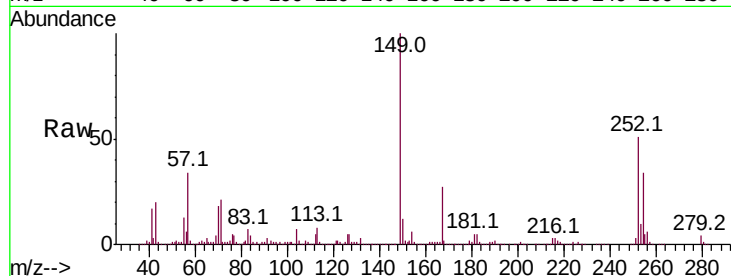
149 100

167 27.3 21.3 31.9

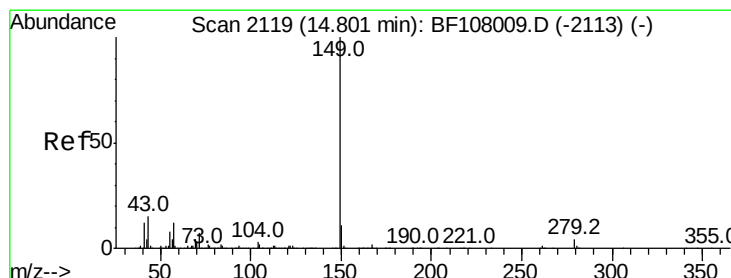
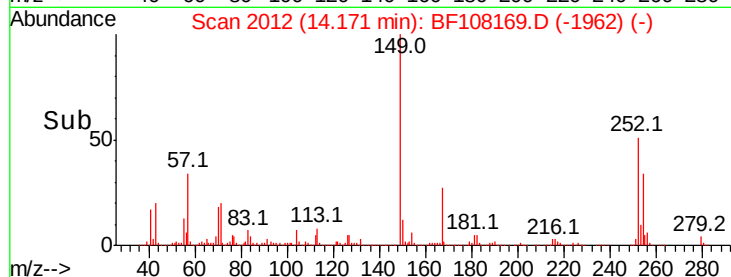
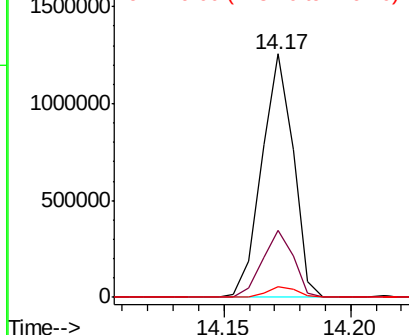
279 4.4 3.0 4.4

Manual Integrations
APPROVED

Sohil
8/16/2018 5:27:01 PM



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: 44.334 ng

RT: 14.80 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

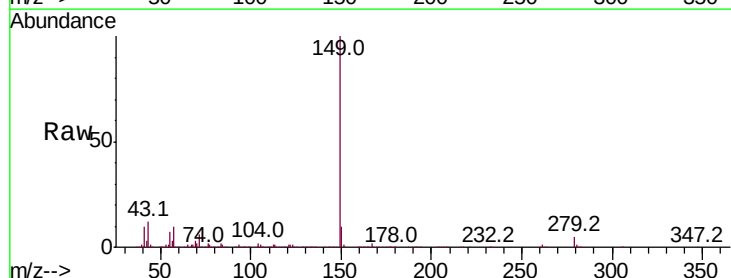
Tgt Ion:149 Resp: 1720658

Ion Ratio Lower Upper

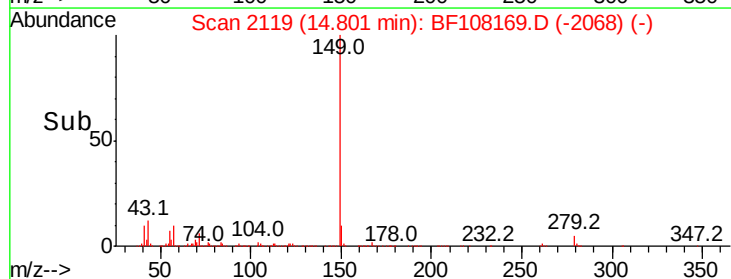
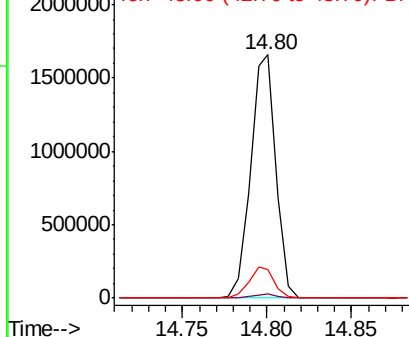
149 100

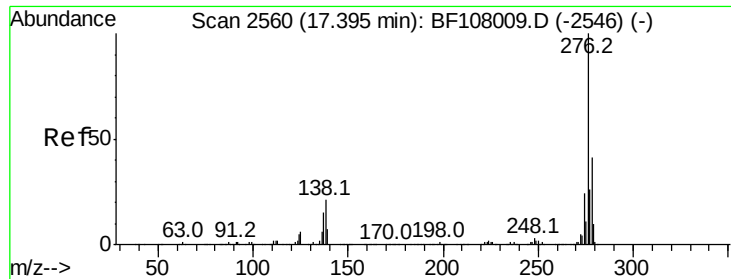
167 1.6 1.2 1.8

43 12.4 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: 37.659 ng

RT: 17.41 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1283349

Ion Ratio Lower Upper

276 100

138 22.3 25.0 37.6#

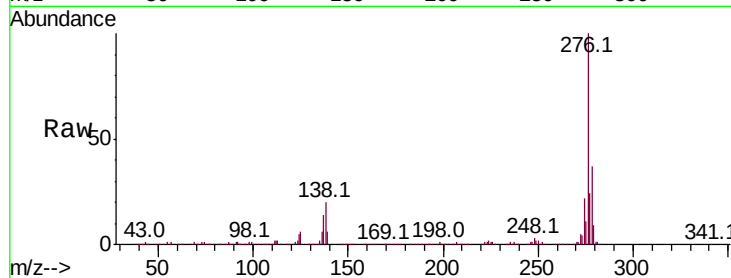
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Sohil

8/16/2018 5:27:01 PM

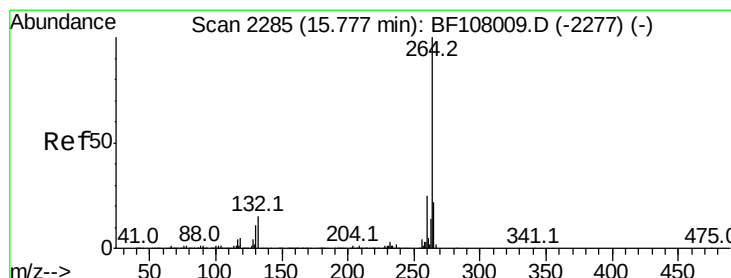
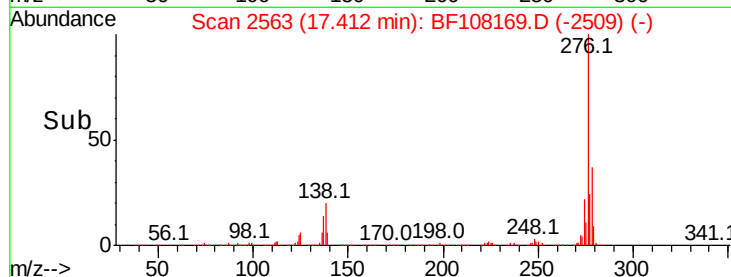
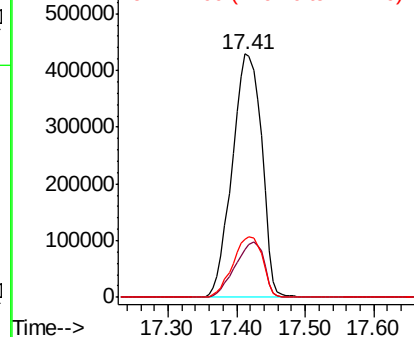


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

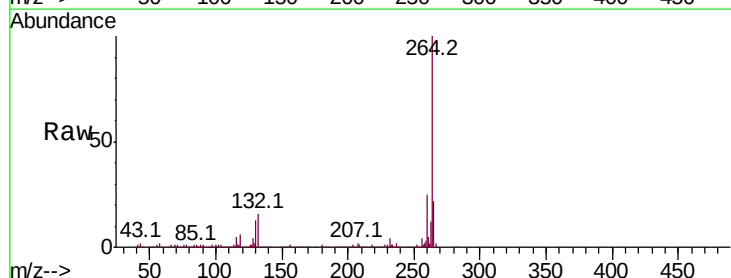
Tgt Ion:264 Resp: 566298

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.1 17.5 26.3

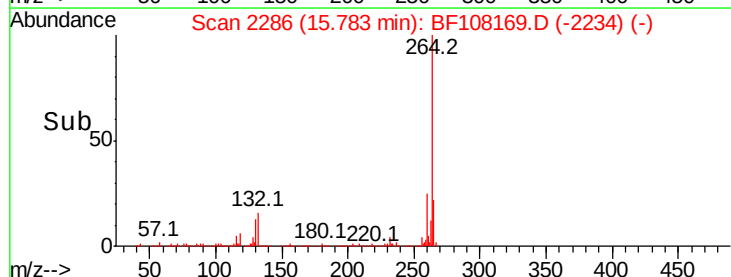
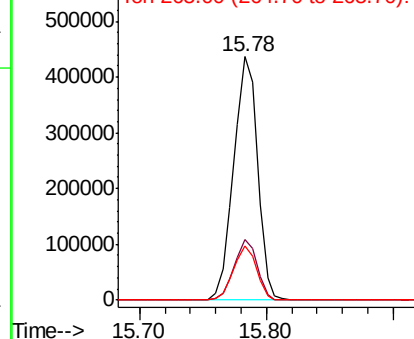


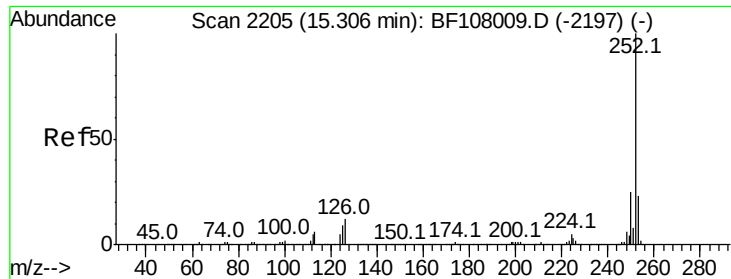
Abundance

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





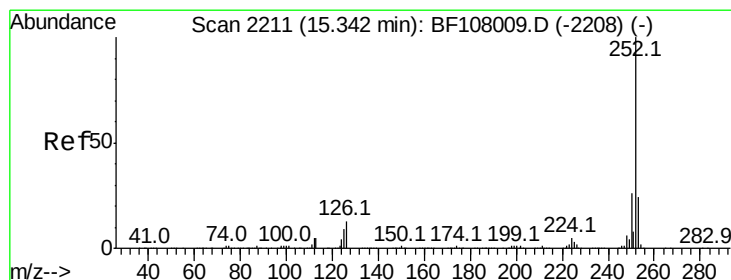
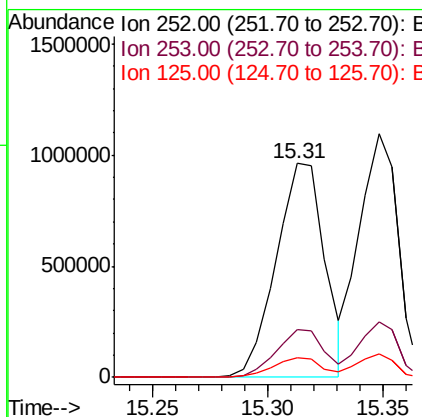
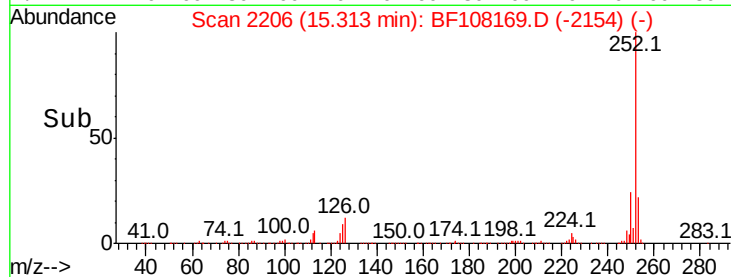
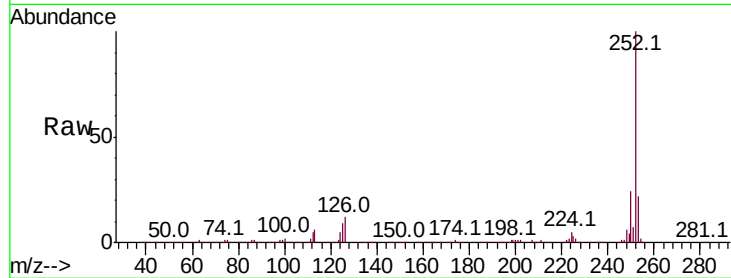
#87
Benzo(b)fluoranthene
Concen: 41.722 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.3	9.0	13.6

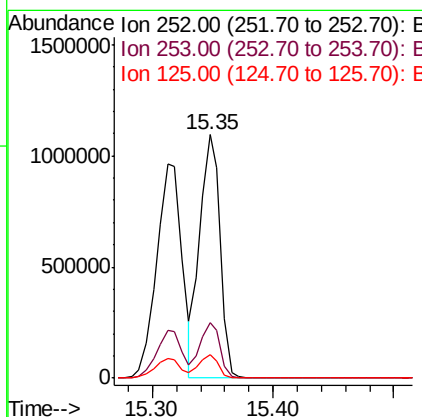
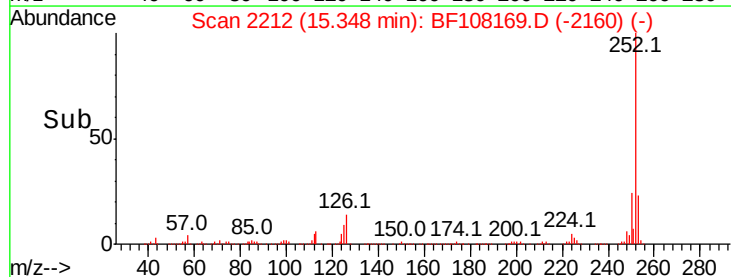
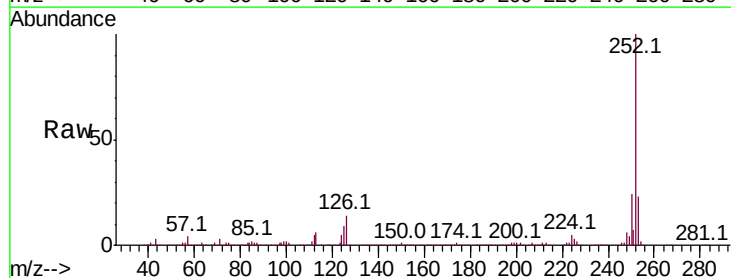
Manual Integrations
APPROVED

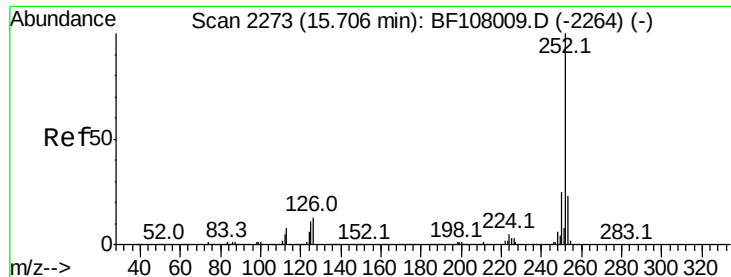
Sohil
8/16/2018 5:27:01 PM



#88
Benzo(k)fluoranthene
Concen: 41.187 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.4	10.2	15.2#





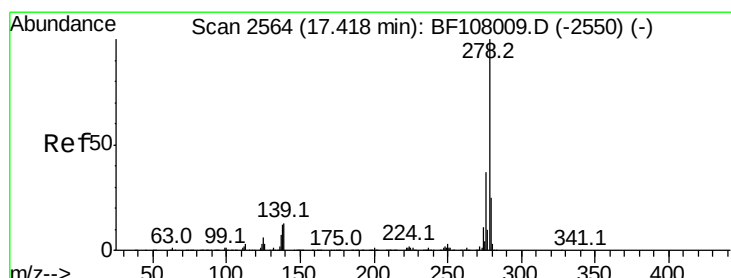
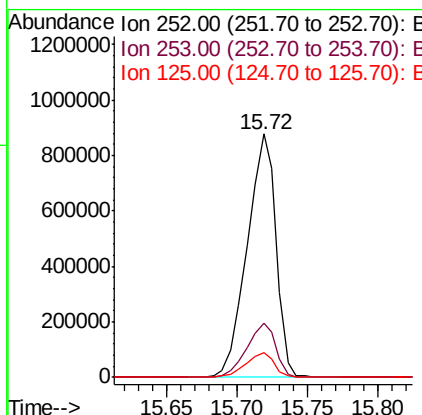
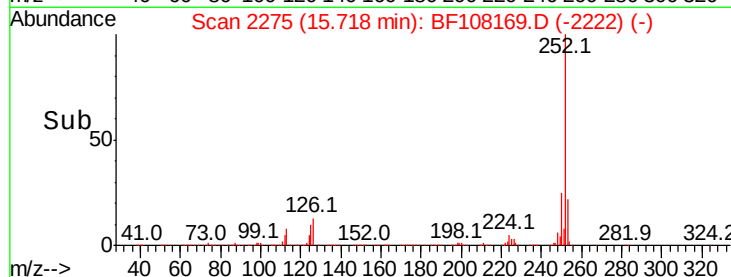
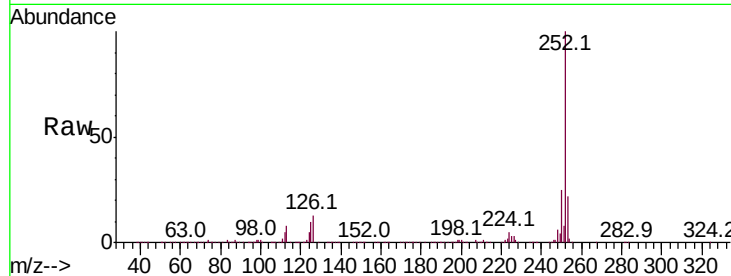
#89
Benzo(a)pyrene
Concen: 41.627 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.0	9.8	14.6

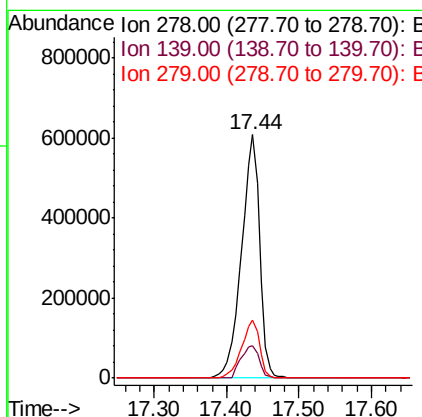
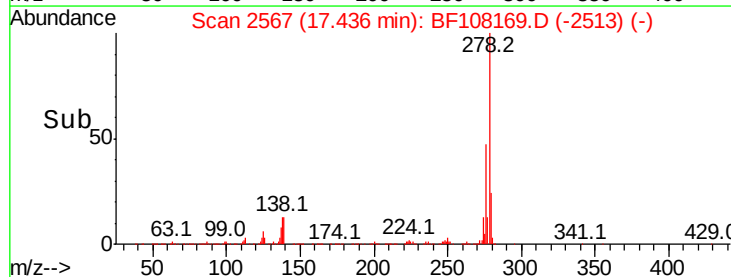
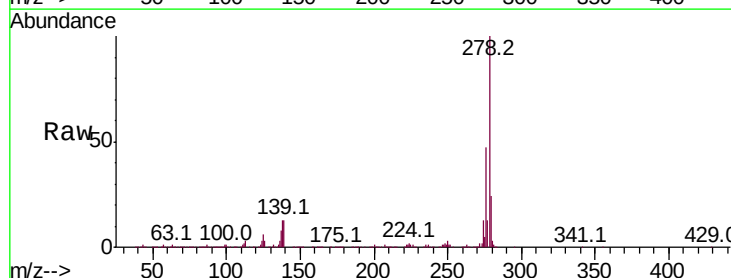
Manual Integrations
APPROVED

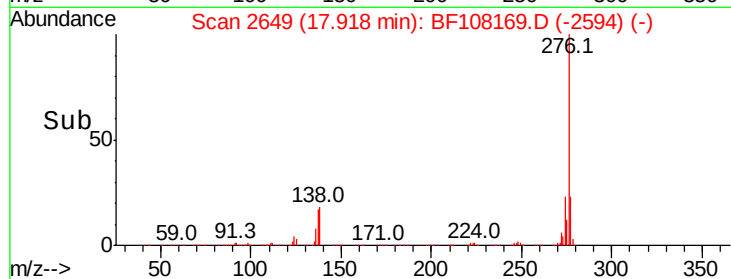
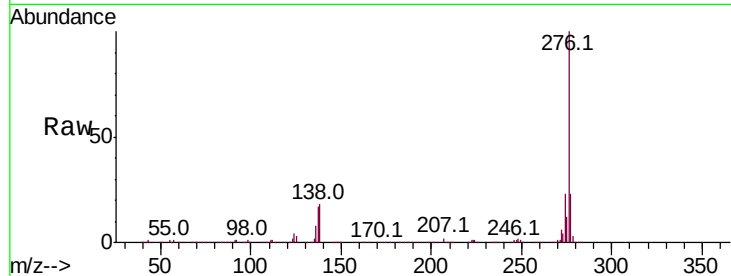
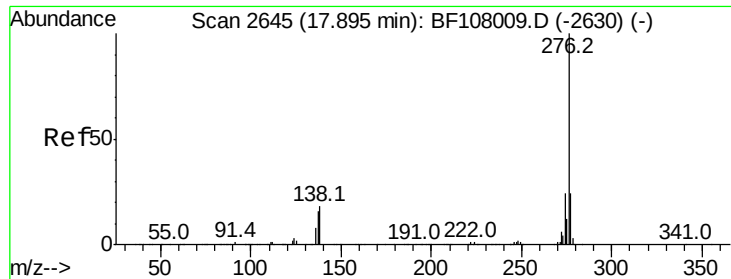
Sohil
8/16/2018 5:27:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.155 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF108169.D
Acq: 15 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.9	23.9#
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.297 ng

RT: 17.92 min Scan# 2649

Delta R.T. 0.02 min

Lab File: BF108169.D

Acq: 15 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1068905

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 18.4 21.8 32.8#

Manual Integrations

APPROVED

Sohil

8/16/2018 5:27:01 PM

