

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109880.D
 Acq On : 15 Oct 2018 15:45
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:14 AM

Quant Time: Oct 15 17:07:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229763	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	956696	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	444108	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	817958	20.00	ng	0.00
76) Chrysene-d12	14.15	240	604633	20.00	ng	0.00
87) Perylene-d12	15.67	264	452223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	745973	57.63	ng	0.00
7) Phenol-d6	6.59	99	933121	53.96	ng	0.00
23) Nitrobenzene-d5	7.54	82	735626	42.39	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	202876	41.92	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1495947	46.39	ng	0.00
79) Terphenyl-d14	13.09	244	1479388	47.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	202651	29.831	ng	92
3) Pyridine	3.60	79	463134	33.045	ng	90
4) n-Nitrosodimethylamine	3.56	42	189929	37.544	ng	# 98
6) Aniline	6.64	93	606018	30.085	ng	# 52
8) 2-Chlorophenol	6.76	128	423230	26.586	ng	96
9) Benzaldehyde	6.53	77	317293	28.515	ng	99
10) Phenol	6.60	94	503389	25.387	ng	# 62
11) bis(2-Chloroethyl)ether	6.70	93	420628	25.588	ng	92
12) 1,3-Dichlorobenzene	6.92	146	459942	25.261	ng	100
13) 1,4-Dichlorobenzene	6.99	146	470431	23.702	ng	99
14) 1,2-Dichlorobenzene	7.15	146	434205	24.910	ng	99
15) Benzyl Alcohol	7.11	79	355550	27.735	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	688662	31.594	ng	68
17) 2-Methylphenol	7.21	107	335350	26.638	ng	# 81
18) Hexachloroethane	7.49	117	165126	23.537	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	297654	24.546	ng	95
20) 3+4-Methylphenols	7.36	107	436721	28.153	ng	# 83
22) Acetophenone	7.38	105	576669	24.927	ng	# 96
24) Nitrobenzene	7.56	77	401041	22.207	ng	96
25) Isophorone	7.79	82	699521	24.272	ng	97
26) 2-Nitrophenol	7.87	139	148886	17.625	ng	# 87
27) 2,4-Dimethylphenol	7.90	122	341467	27.993	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	493662	25.324	ng	99
29) 2,4-Dichlorophenol	8.10	162	337470	24.665	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	373601	24.666	ng	97
31) Naphthalene	8.28	128	1146140	25.905	ng	99
32) Benzoic acid	7.99	122	198309m	22.738	ng	
33) 4-Chloroaniline	8.33	127	513483	26.354	ng	97
34) Hexachlorobutadiene	8.40	225	207236	22.005	ng	98
35) Caprolactam	8.68	113	116891	28.607	ng	# 85
36) 4-Chloro-3-methylphenol	8.79	107	354175	24.522	ng	96
37) 2-Methylnaphthalene	8.97	142	744745	25.697	ng	97
38) 1-Methylnaphthalene	9.07	142	719757	24.981	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	356296	23.568	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109880.D
 Acq On : 15 Oct 2018 15:45
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC025

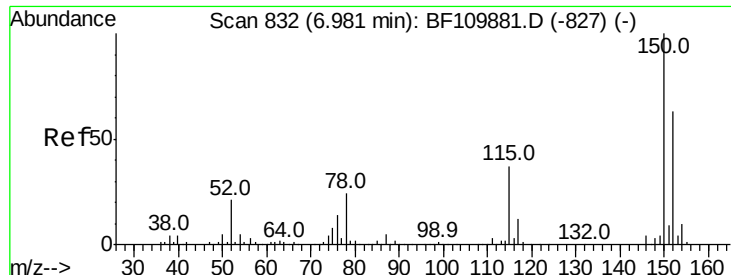
Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:14 AM

Quant Time: Oct 15 17:07:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	170216	30.855	nq	100
43) 2,4,6-Trichlorophenol	9.25	196	221566	24.517	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	229715	22.107	nq	95
46) 1,1'-Biphenyl	9.43	154	1043767	26.308	nq	98
47) 2-Chloronaphthalene	9.46	162	758791	25.528	nq	99
48) 2-Nitroaniline	9.56	65	181619	20.180	nq	90
49) Acenaphthylene	9.88	152	1098496	25.350	nq	98
50) Dimethylphthalate	9.73	163	799248	24.539	nq	100
51) 2,6-Dinitrotoluene	9.79	165	144669	20.490	nq	94
52) Acenaphthene	10.05	154	697981	27.171	nq	98
53) 3-Nitroaniline	9.96	138	179152	22.636	nq #	96
54) 2,4-Dinitrophenol	10.06	184	31550	13.850	nq #	1
55) Dibenzofuran	10.22	168	998331	25.927	nq	97
56) 4-Nitrophenol	10.10	139	133632	30.847	nq	96
57) 2,4-Dinitrotoluene	10.20	165	162893	18.488	nq #	88
58) Fluorene	10.57	166	732363	25.469	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	184883	21.888	nq	94
60) Diethylphthalate	10.43	149	805463	24.959	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	381363	25.139	nq	99
62) 4-Nitroaniline	10.57	138	166881	22.769	nq	97
63) Azobenzene	10.72	77	847485	25.860	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	56915	14.296	nq	96
66) n-Nitrosodiphenylamine	10.67	169	702619	25.339	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	229937	24.465	nq	99
68) Hexachlorobenzene	11.12	284	244411	24.016	nq	97
69) Atrazine	11.20	200	218053	25.198	nq	98
70) Pentachlorophenol	11.30	266	139033	24.278	nq	97
71) Phenanthrene	11.53	178	1107791	27.063	nq	99
72) Anthracene	11.59	178	1107339	26.169	nq	100
73) Carbazole	11.73	167	1086523	26.475	nq	100
74) Di-n-butylphthalate	12.06	149	1229351	25.827	nq	99
75) Fluoranthene	12.72	202	1108093	25.912	nq	98
77) Benzidine	12.84	184	639918	28.490	nq	97
78) Pyrene	12.95	202	1142898	25.799	nq	99
80) Butylbenzylphthalate	13.56	149	452620	23.566	nq	100
81) Benzo(a)anthracene	14.14	228	902890	27.060	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	330341	24.588	nq #	97
83) Chrysene	14.18	228	857260	24.460	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	602012	25.692	nq	96
85) Di-n-octyl phthalate	14.74	149	842919	22.758	nq	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	609829	24.310	nq #	94
88) Benzo(b)fluoranthene	15.22	252	655652	26.236	nq	98
89) Benzo(k)fluoranthene	15.24	252	688398	27.416	nq #	96
90) Benzo(a)pyrene	15.60	252	614473	27.095	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	509550	27.358	nq	97
92) Benzo(g,h,i)perylene	17.69	276	502535	27.020	nq #	93

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



#1

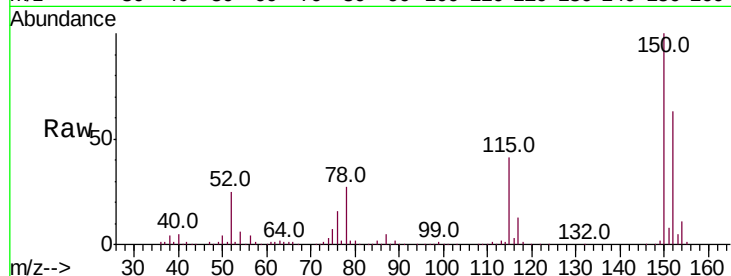
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	64.2	49.1	73.7

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

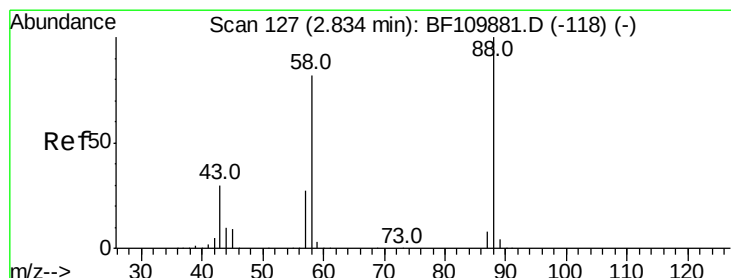
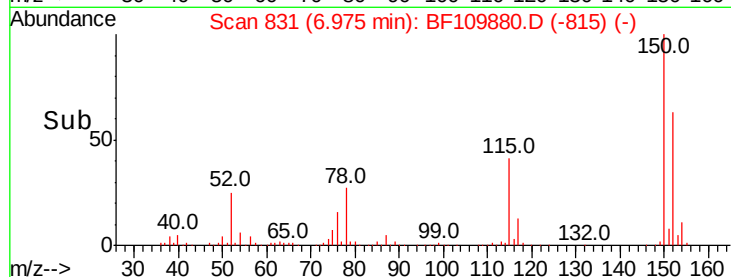
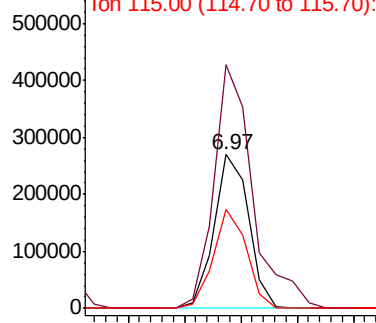


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.831 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

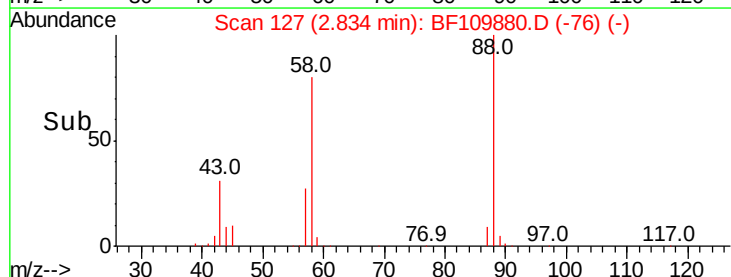
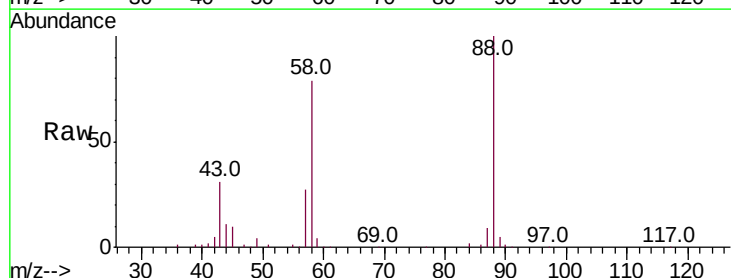
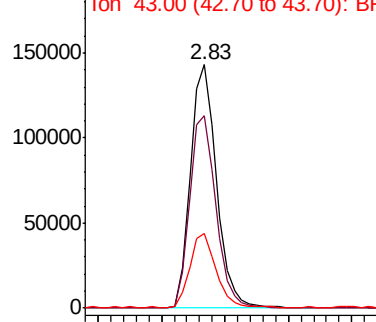
Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	30.8	24.1	36.1

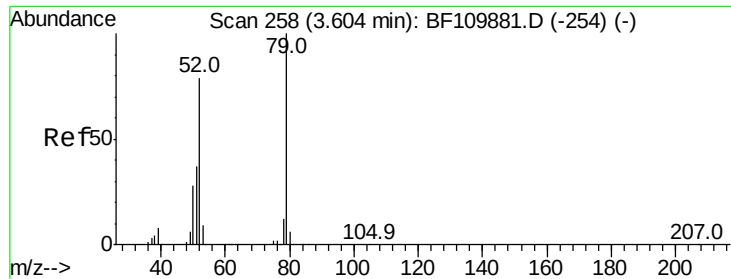
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.045 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

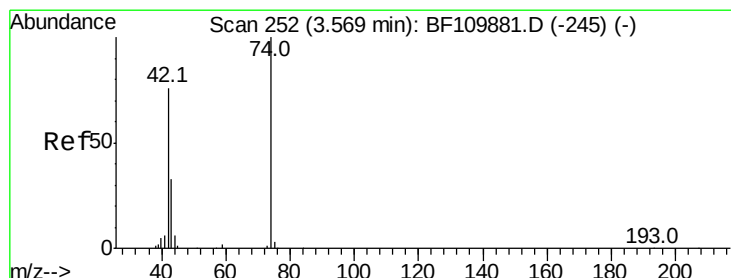
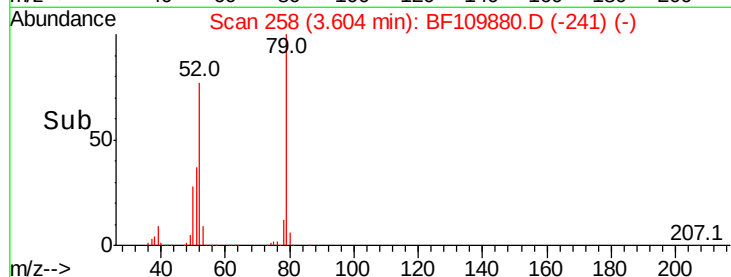
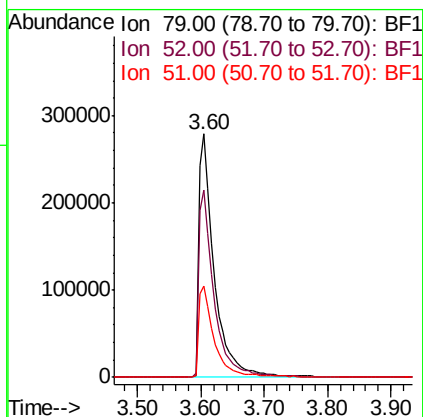
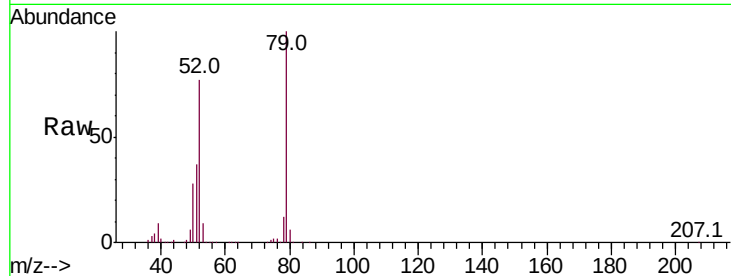
ClientSampleId :

SSTDICC025

Tot Ion:	79	Resp:	463134
Ion Ratio	Lower	Upper	
79	100		
52	76.9	53.1	79.7
51	37.3	27.4	41.2

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



#4

n-Nitrosodimethylamine

Concen: 37.544 ng

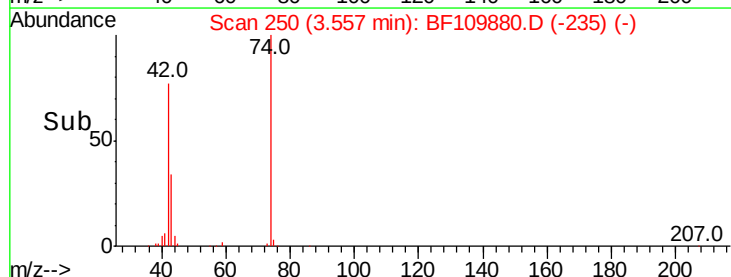
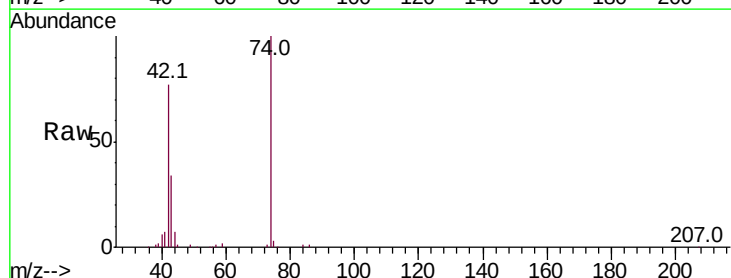
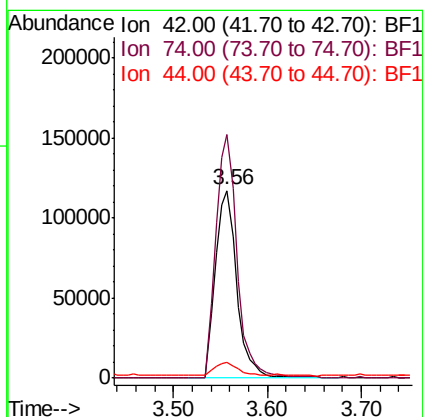
RT: 3.56 min Scan# 250

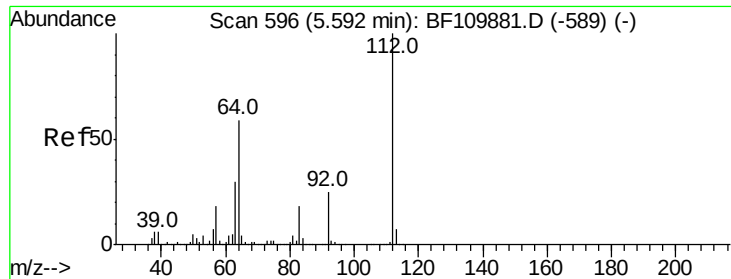
Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion:	42	Resp:	189929
Ion Ratio	Lower	Upper	
42	100		
74	129.7	105.5	158.3
44	8.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 57.630 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

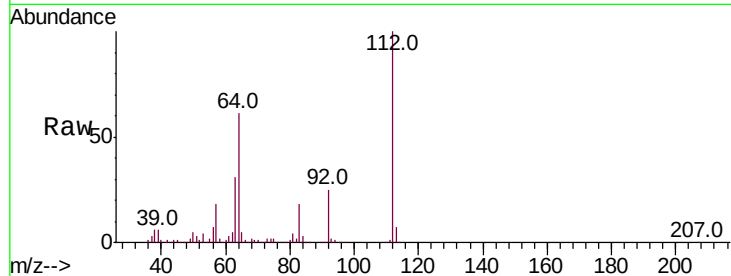
ClientSampleId :

SSTDIC025

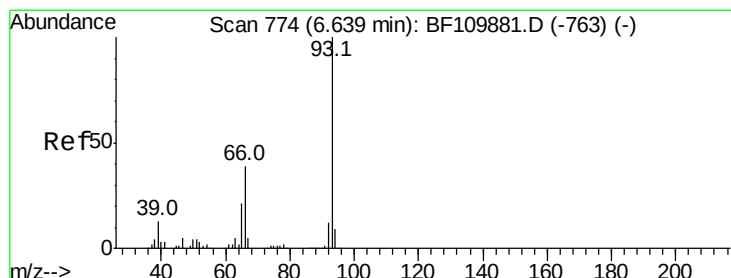
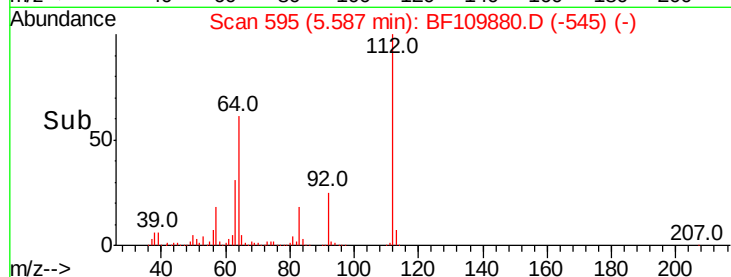
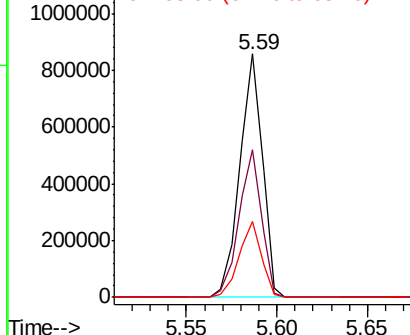
Tot Ion:	112	Resp:	745973
Ion Ratio	Lower	Upper	
112	100		
64	60.6	44.1	66.1
63	31.3	23.7	35.5

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



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: 30.085 ng

RT: 6.64 min Scan# 774

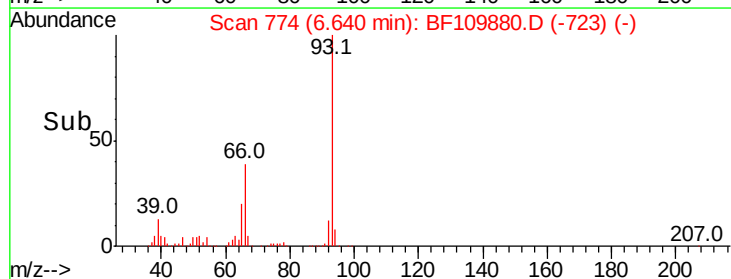
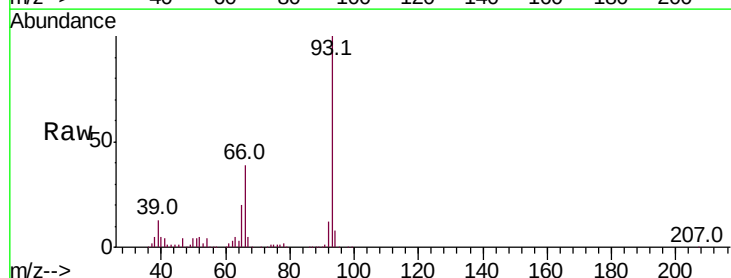
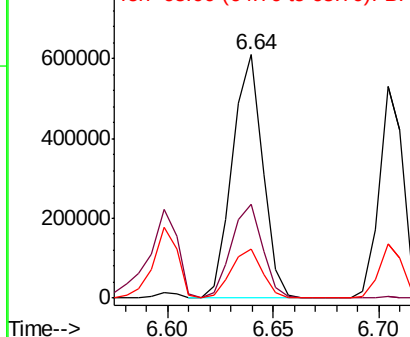
Delta R.T. 0.00 min

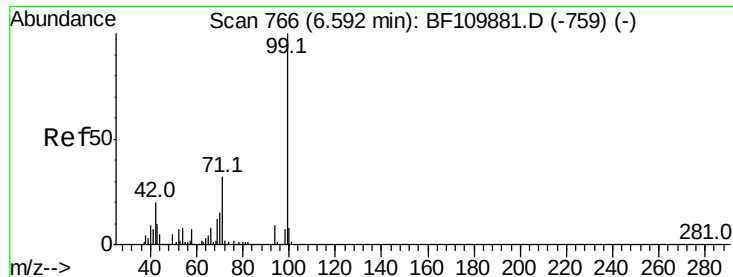
Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion:	93	Resp:	606018
Ion Ratio	Lower	Upper	
93	100		
66	38.7	67.4	101.0#
65	20.0	41.0	61.4#

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: 53.963 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

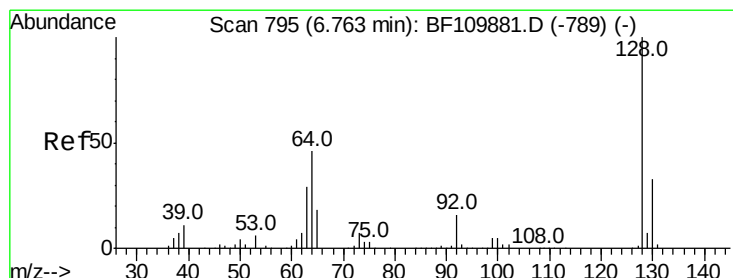
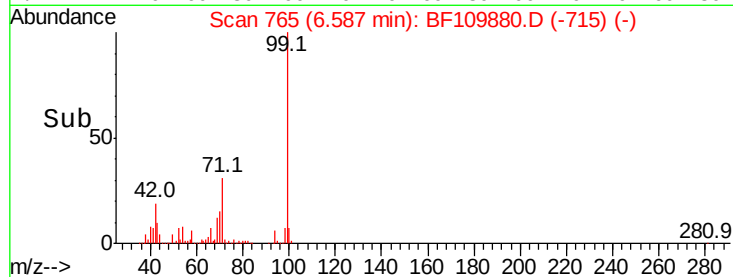
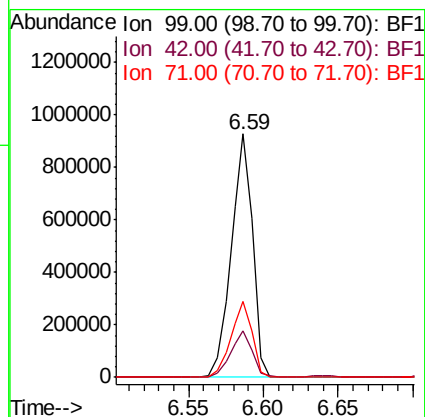
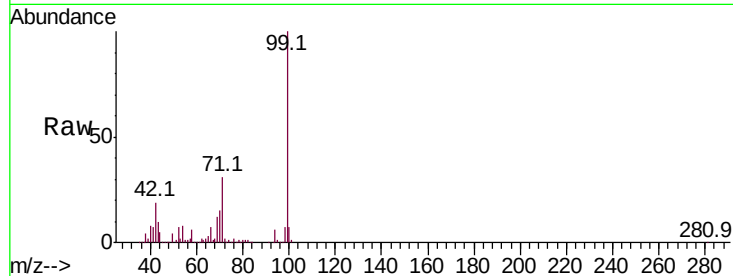
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	19.2	15.8	23.6	
71	31.2	28.0	42.0	

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



#8

2-Chlorophenol

Concen: 26.586 ng

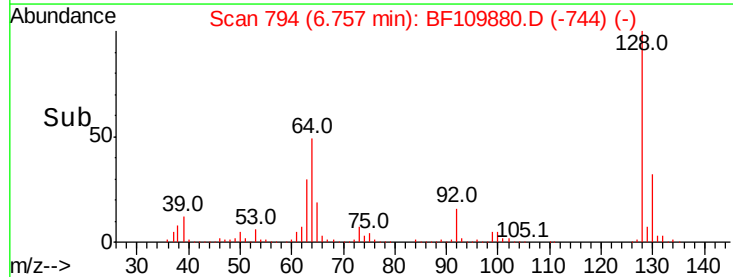
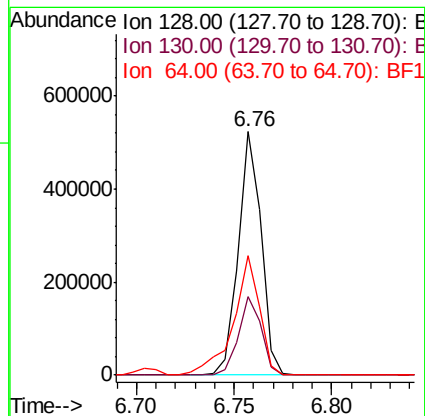
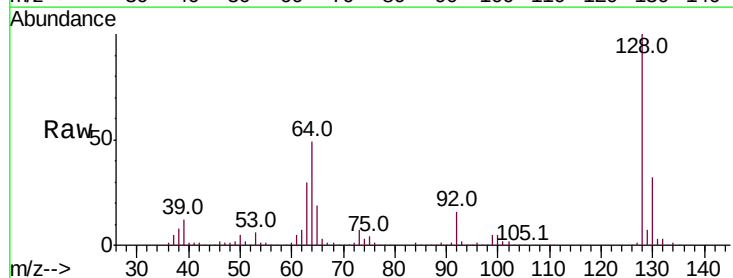
RT: 6.76 min Scan# 794

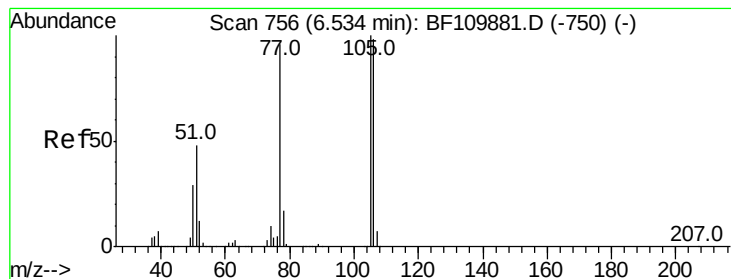
Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	32.1	13.1	53.1	
64	49.2	26.0	66.0	





#9

Benzaldehyde

Concen: 28.515 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

ClientSampleId :

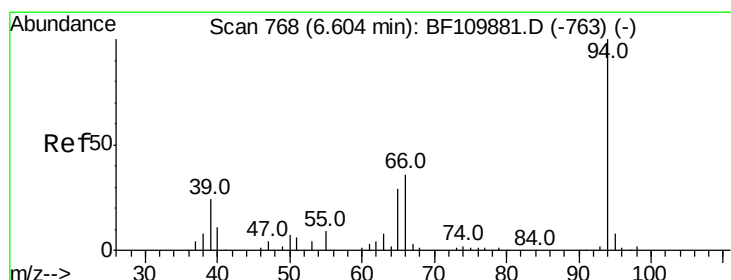
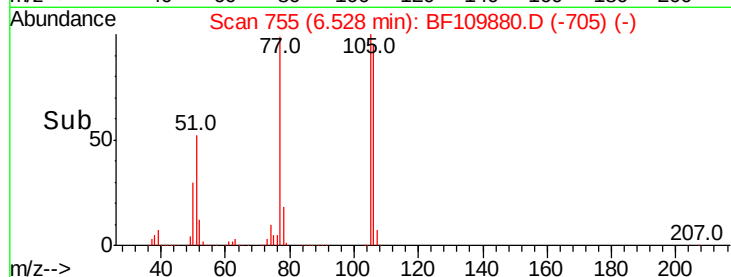
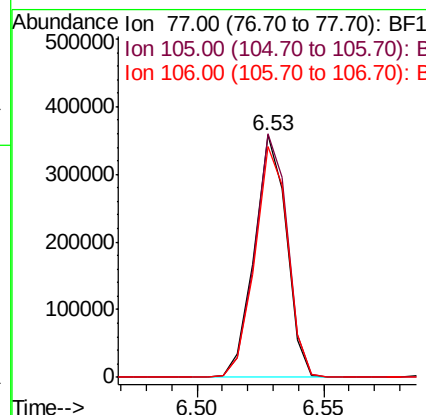
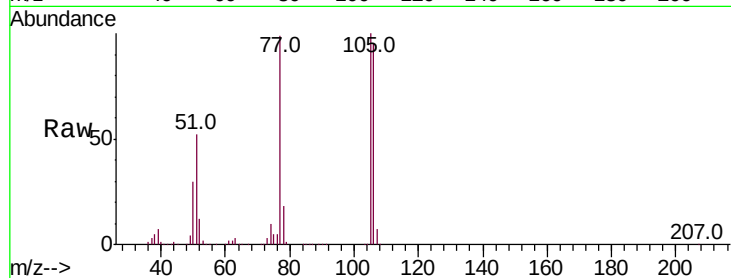
SSTDIC025

Tot Ion: 77 Resp: 317293

Ion	Ratio	Lower	Upper
77	100		
105	100.6	78.6	118.6
106	95.6	74.8	114.8

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



#10

Phenol

Concen: 25.387 ng

RT: 6.60 min Scan# 767

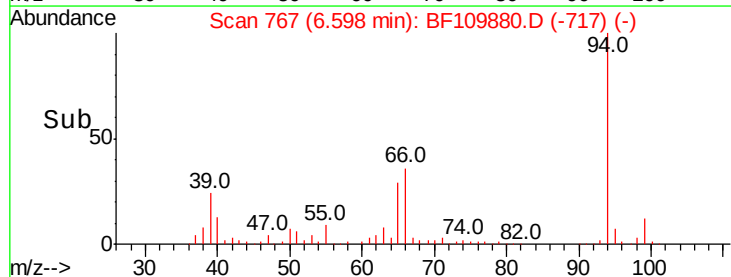
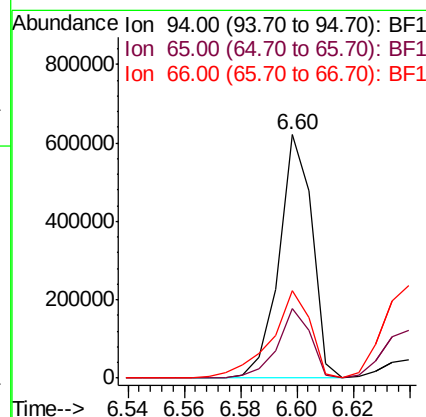
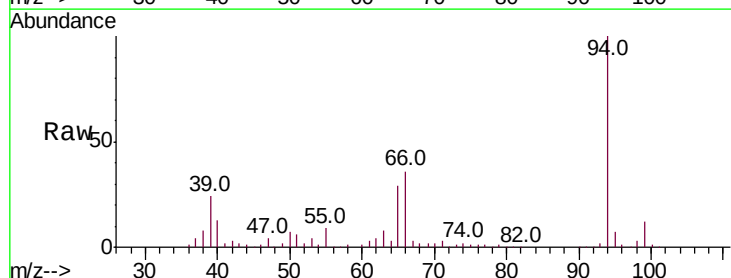
Delta R.T. -0.01 min

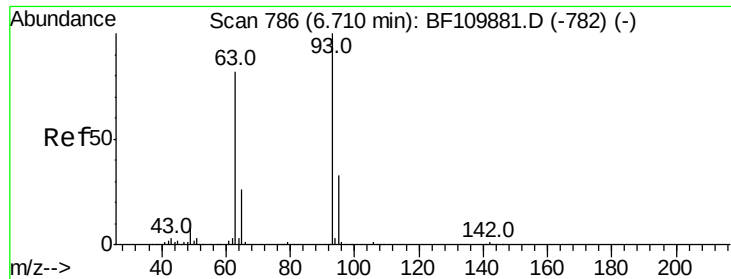
Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion: 94 Resp: 503389

Ion	Ratio	Lower	Upper
94	100		
65	28.6	25.3	65.3
66	36.1	54.5	94.5#





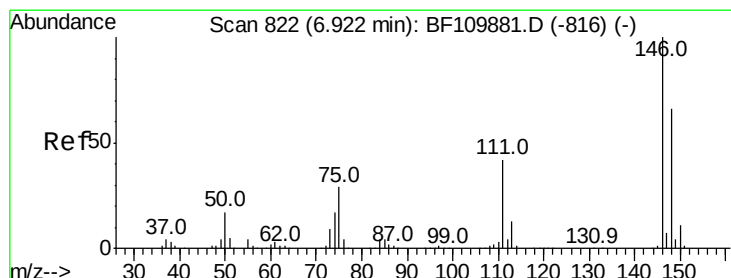
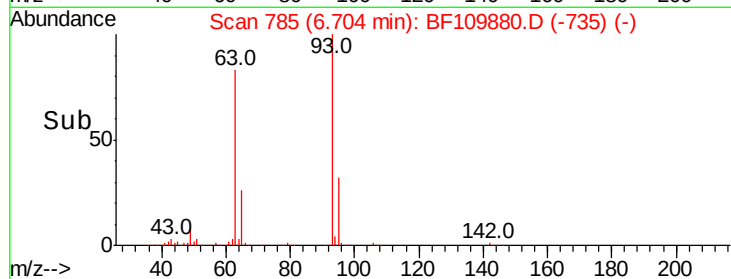
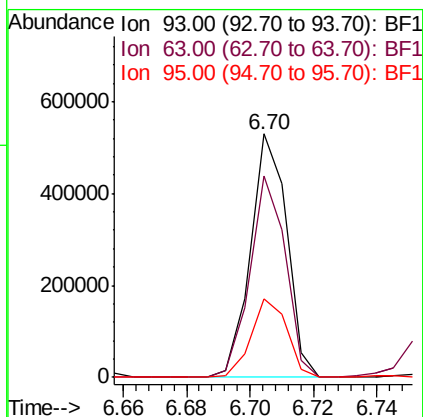
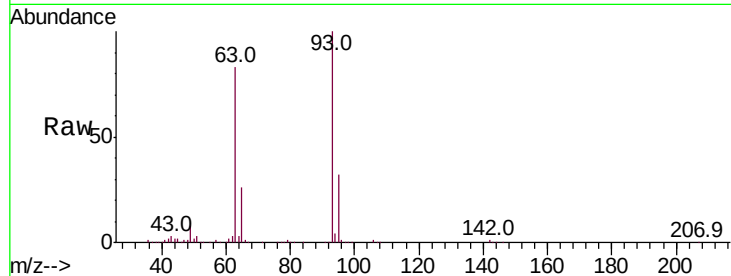
#11
bis(2-Chloroethyl)ether
Concen: 25.588 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	53.4	93.4
95	32.2	12.1	52.1

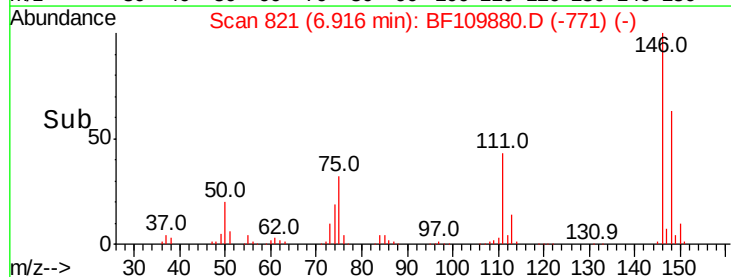
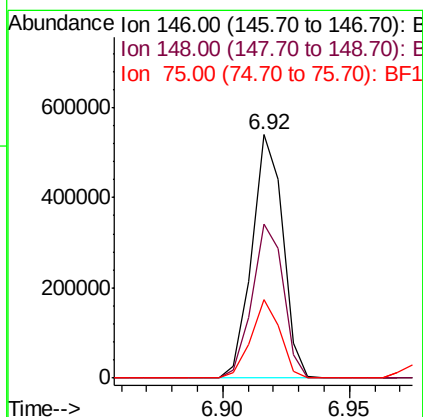
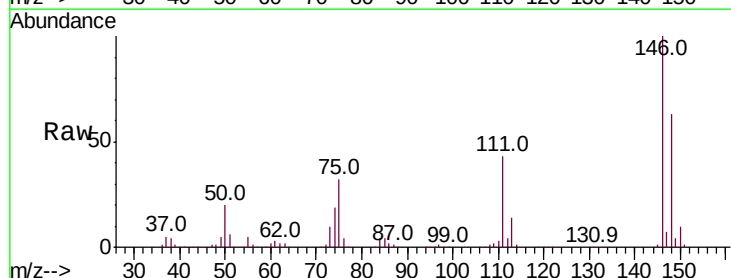
Manual Integrations
APPROVED

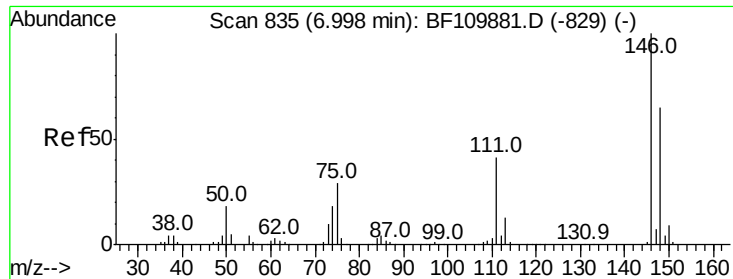
Sohil
10/16/2018 9:57:14 AM



#12
1,3-Dichlorobenzene
Concen: 25.261 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
75	32.1	25.8	38.6





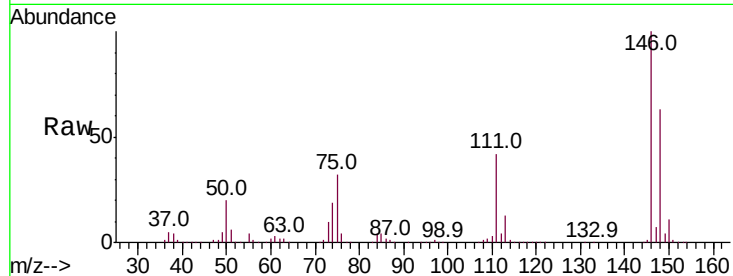
#13
 1,4-Dichlorobenzene
 Concen: 23.702 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	42.5	32.7	49.1

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:14 AM

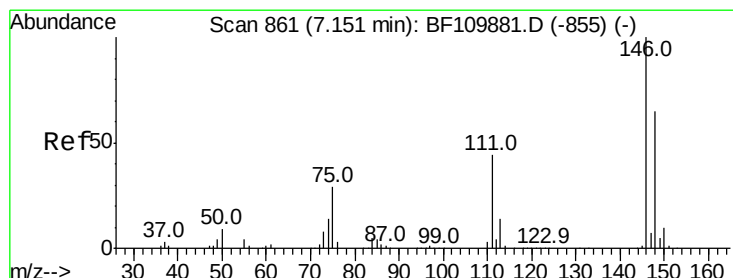
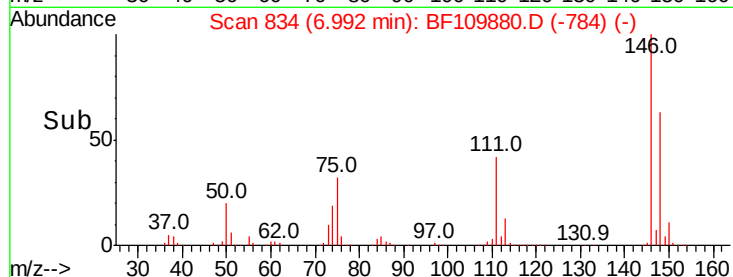
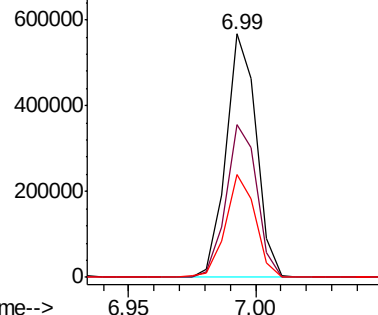


Abundance

Ion 146.00 (145.70 to 146.70): E

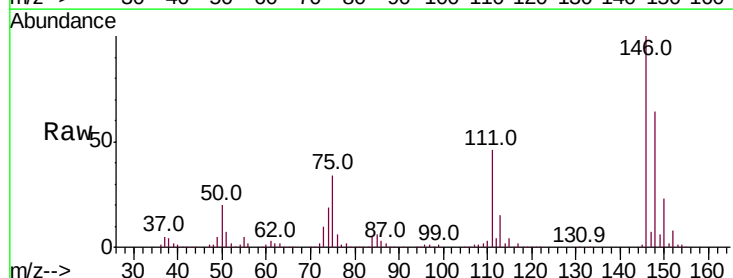
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 24.910 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	46.1	35.8	53.6

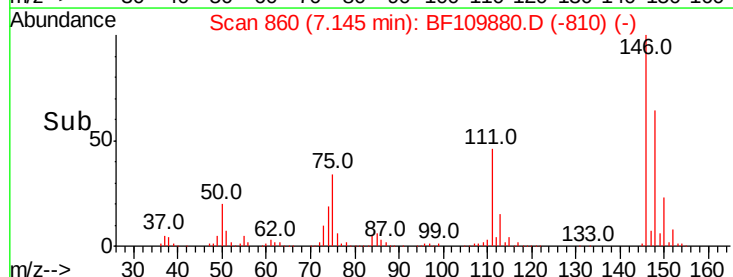
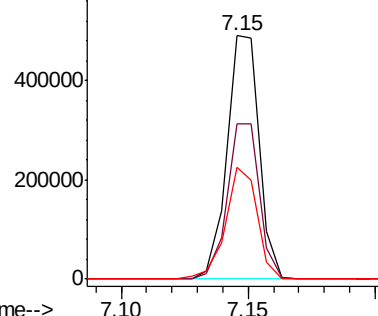


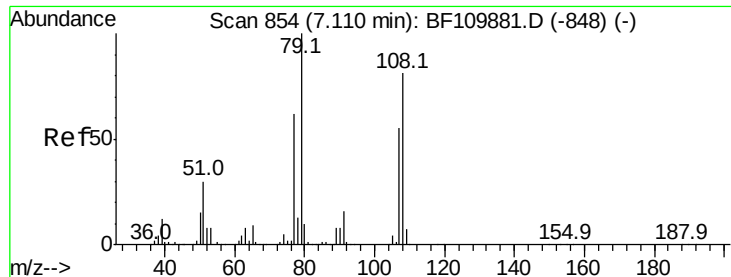
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.735 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

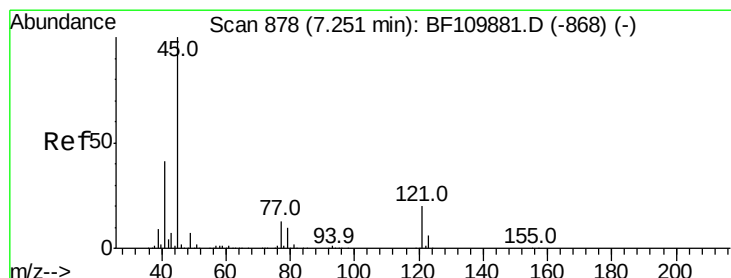
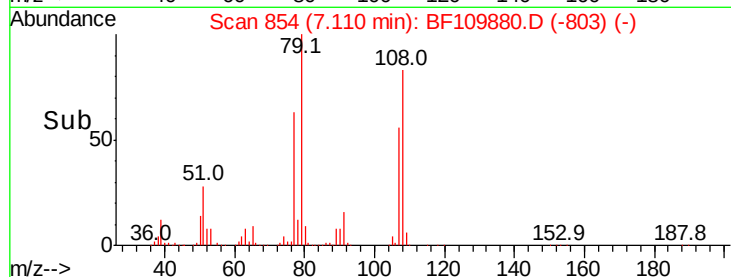
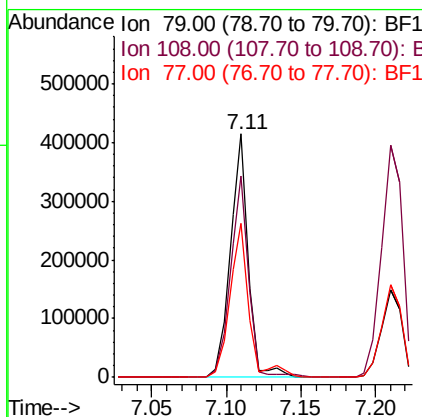
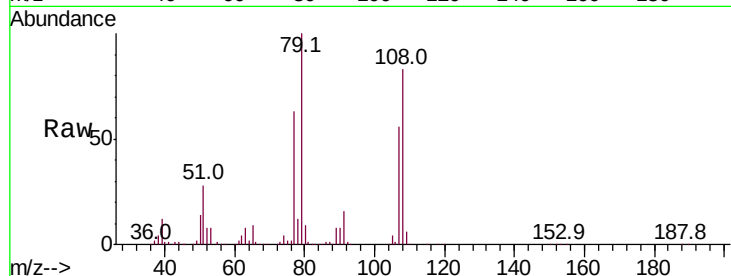
ClientSampled :

SSTDIC025

Tot Ion:	79	Resp:	355550
Ion Ratio	Lower	Upper	
79	100		
108	82.8	56.3	84.5
77	63.4	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.594 ng

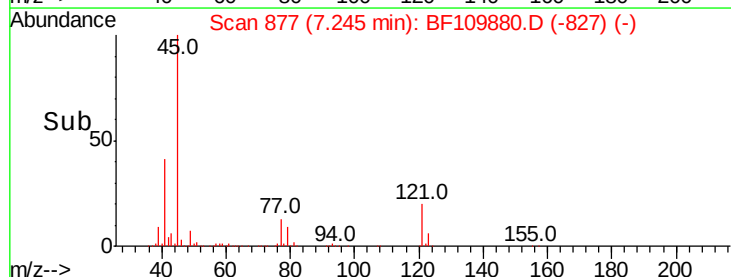
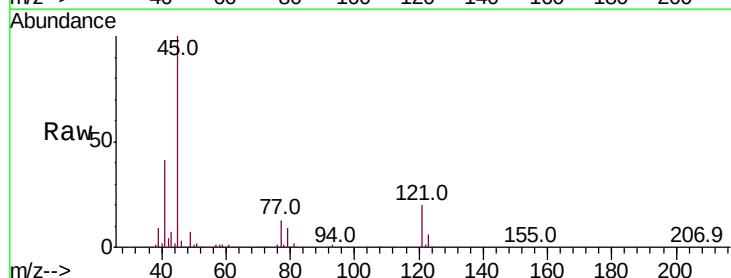
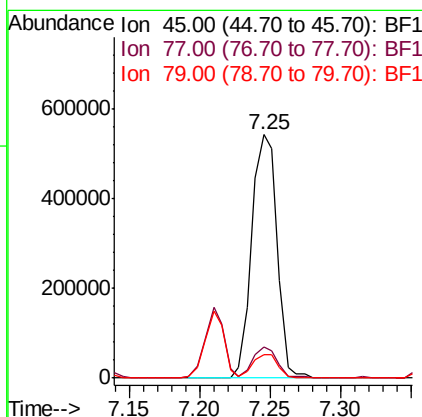
RT: 7.25 min Scan# 877

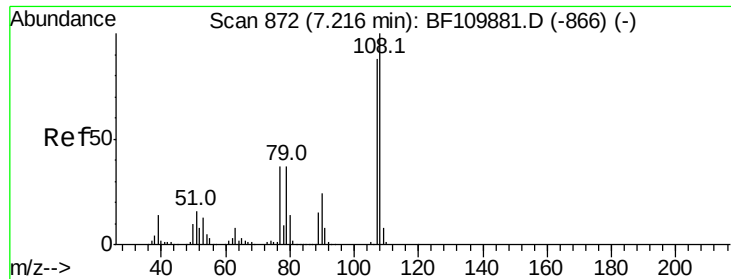
Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion:	45	Resp:	688662
Ion Ratio	Lower	Upper	
45	100		
77	12.6	10.0	50.0
79	9.4	6.1	46.1





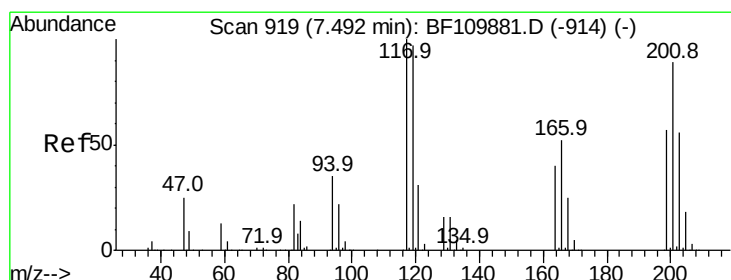
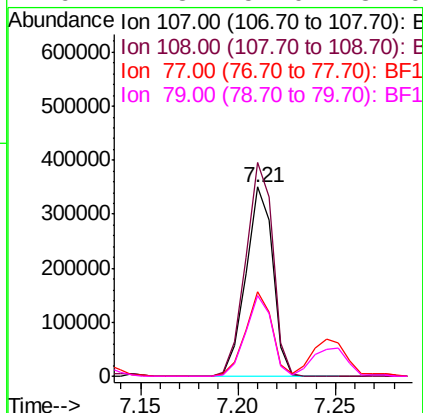
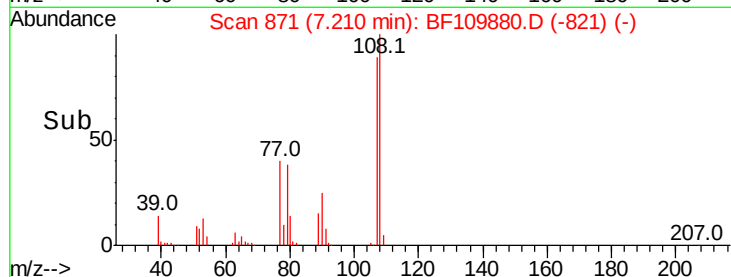
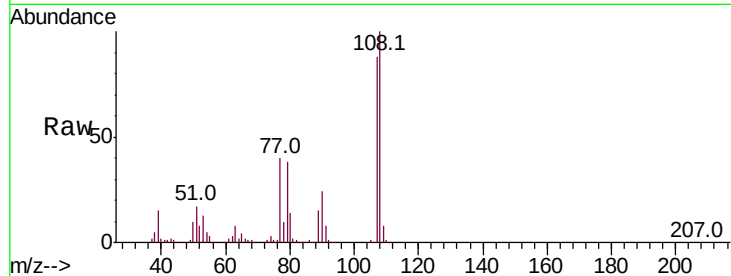
#17
2-Methylphenol
Concen: 26.638 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.0	92.6	138.8
77	44.9	59.4	89.2#
79	42.8	54.0	81.0#

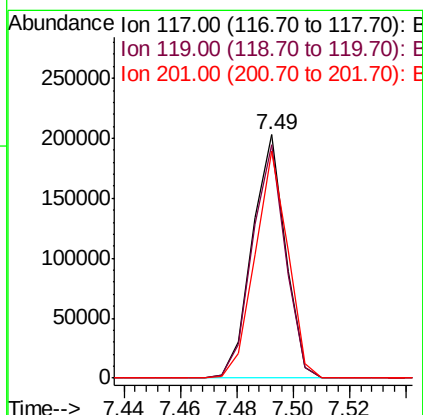
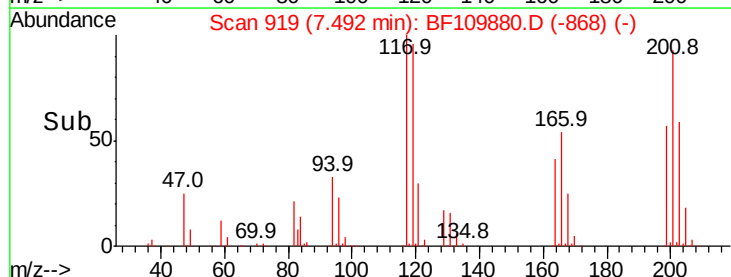
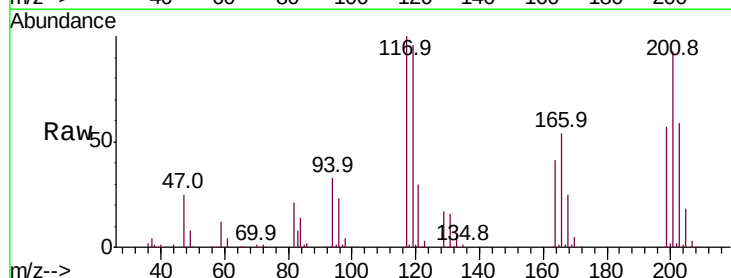
Manual Integrations
APPROVED

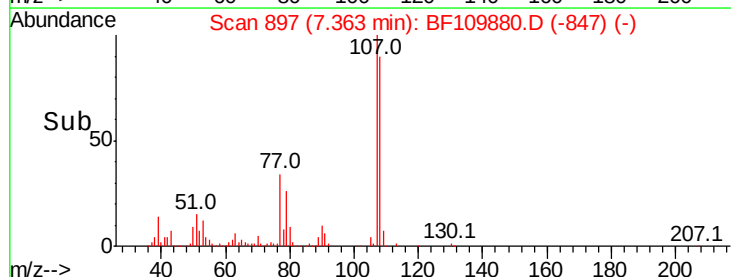
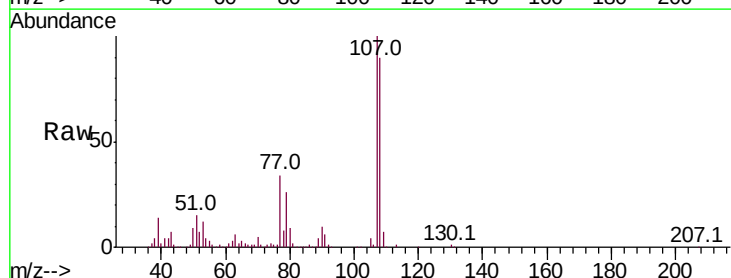
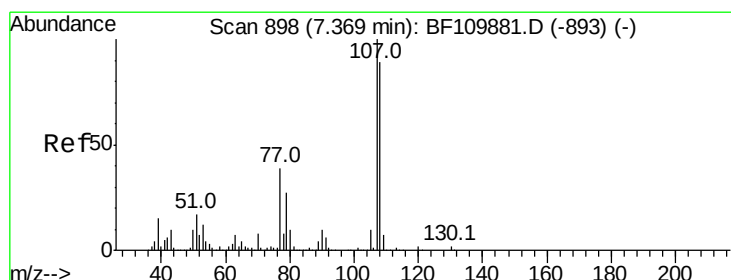
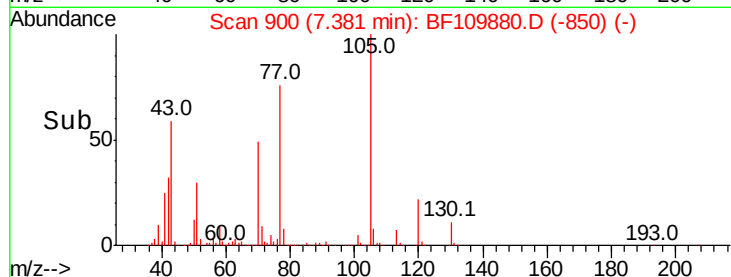
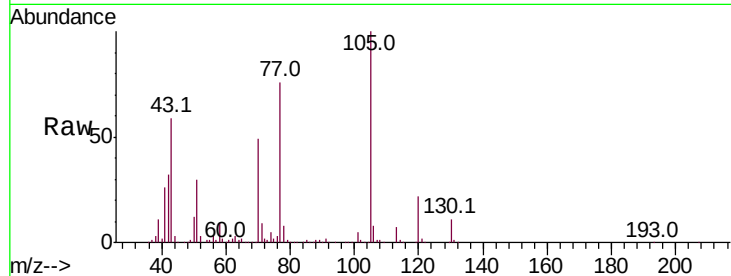
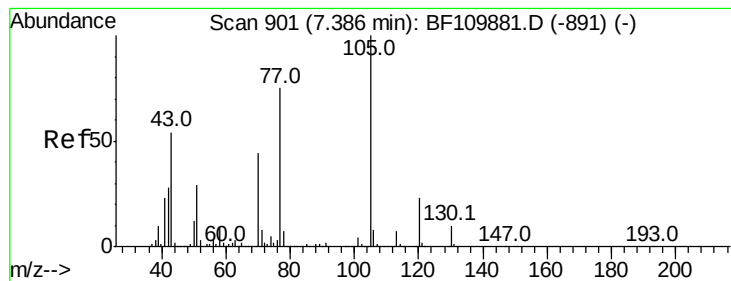
Sohil
10/16/2018 9:57:14 AM



#18
Hexachloroethane
Concen: 23.537 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.7	75.0	112.6
201	93.0	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 24.546 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 70 Resp: 297654

Ion Ratio Lower Upper

70 100

42 64.2 47.4 71.2

101 9.3 7.3 10.9

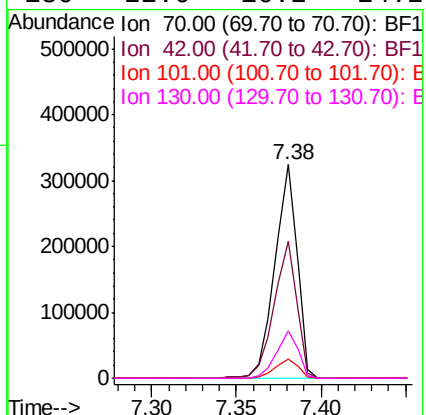
130 22.0 16.2 24.2

Manual Integrations

APPROVED

Sohil

10/16/2018 9:57:14 AM



#20

3+4-Methylphenols

Concen: 28.153 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion: 107 Resp: 436721

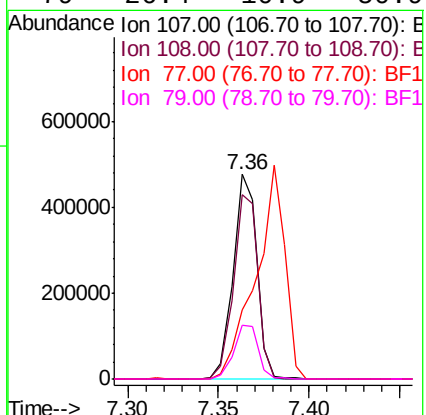
Ion Ratio Lower Upper

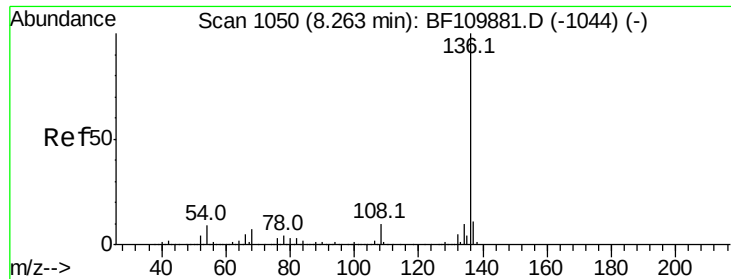
107 100

108 90.0 71.4 111.4

77 34.1 47.3 87.3#

79 26.4 10.9 50.9





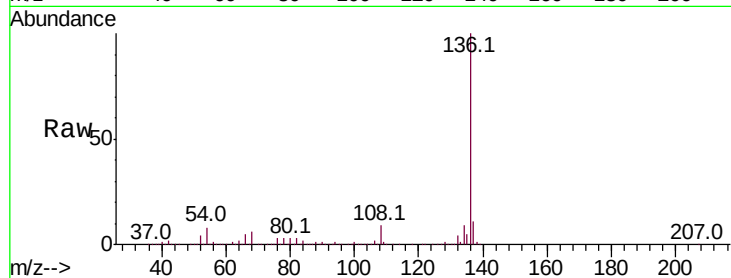
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	8.2	5.4	8.2#	
68	6.2	4.2	6.2	

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



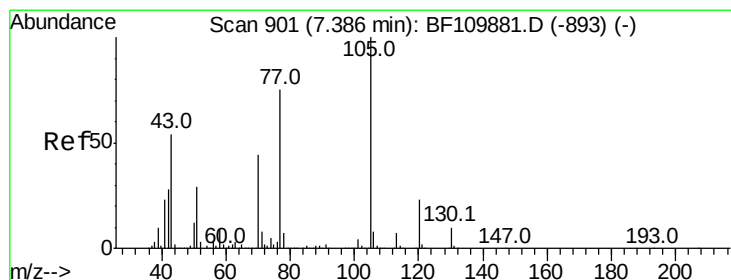
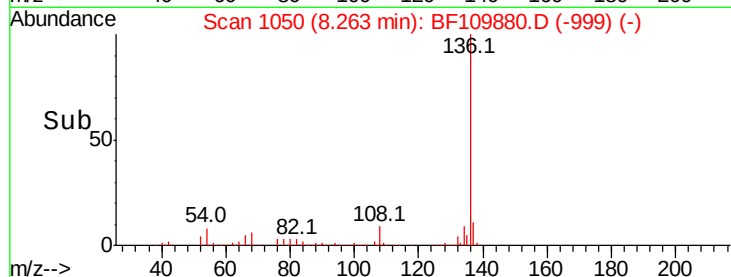
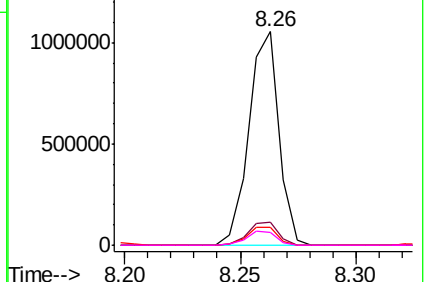
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 24.927 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	5.2	7.8#	
51	29.7	21.8	32.8	
120	22.4	17.0	25.4	

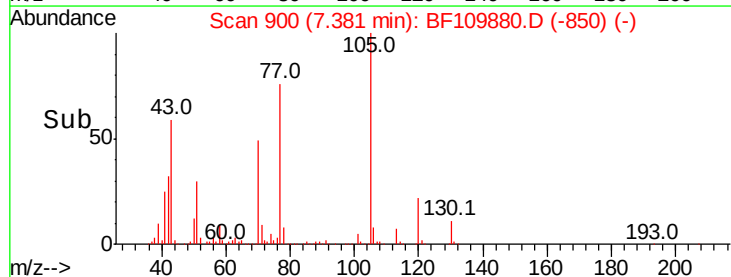
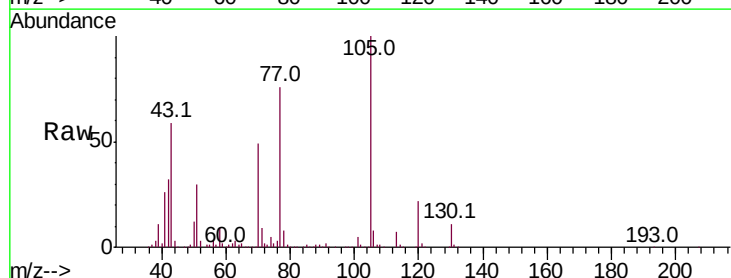
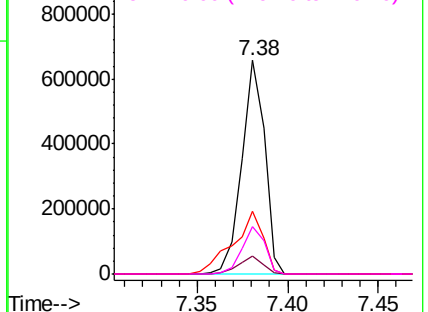
Abundance

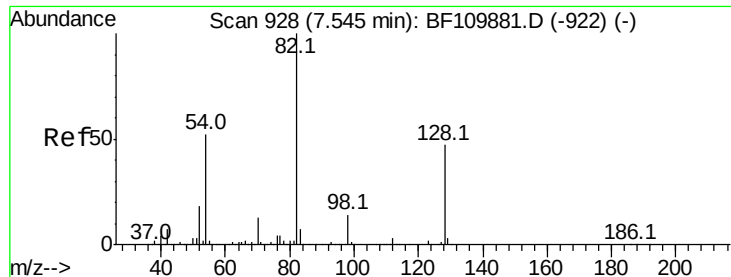
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





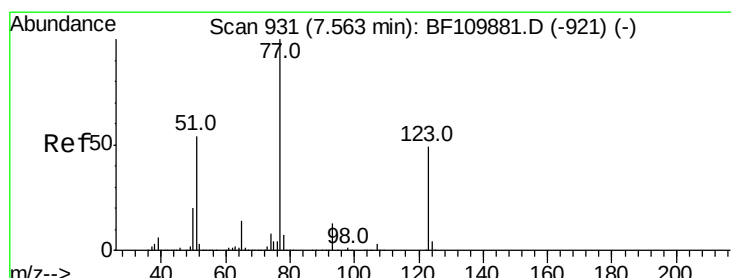
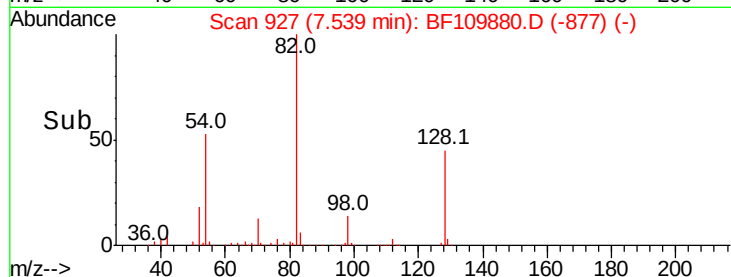
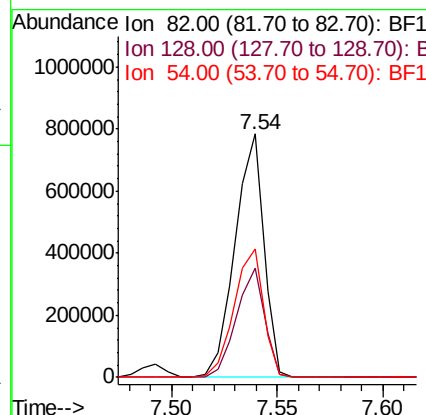
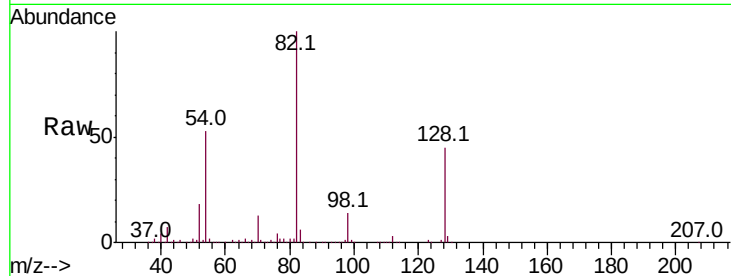
#23
Nitrobenzene-d5
Concen: 42.386 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	52.6	38.6	58.0

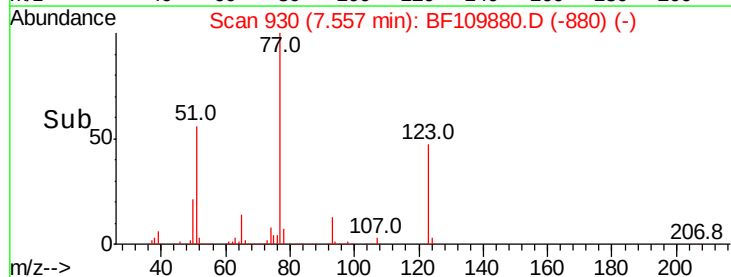
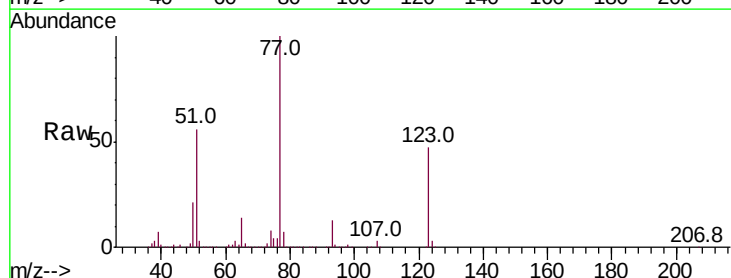
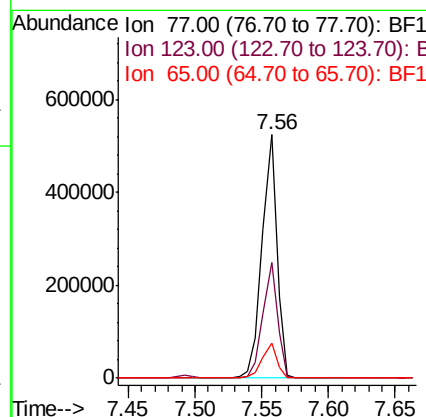
Manual Integrations
APPROVED

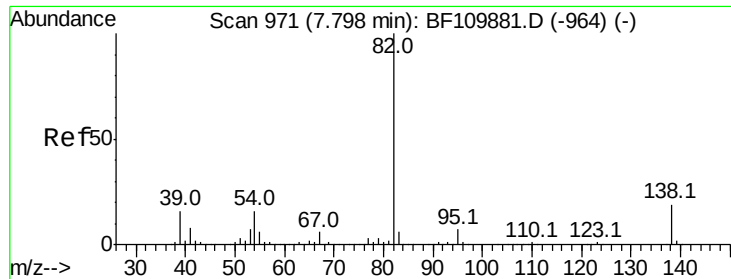
Sohil
10/16/2018 9:57:14 AM



#24
Nitrobenzene
Concen: 22.207 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.7	53.5
65	14.2	10.7	16.1





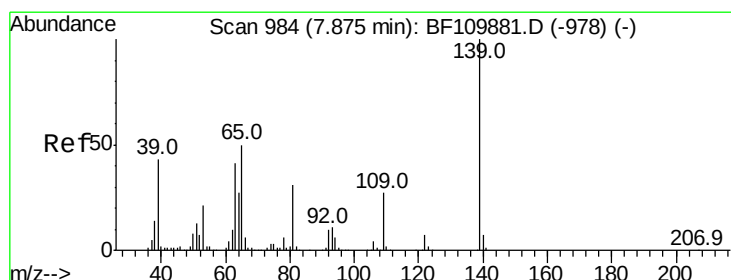
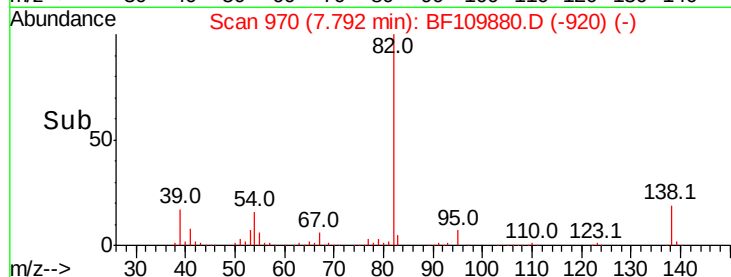
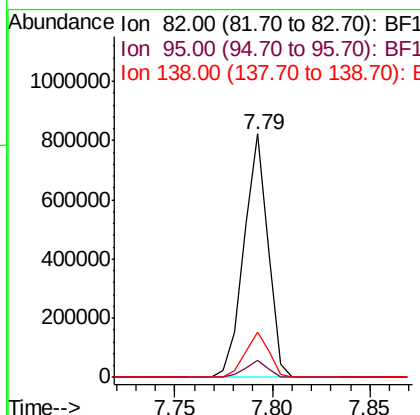
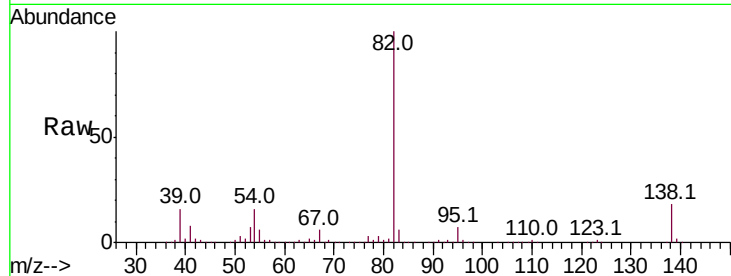
#25
Isophorone
Concen: 24.272 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
82	100	699521		
95	6.9		5.7	8.5
138	18.3		13.2	19.8

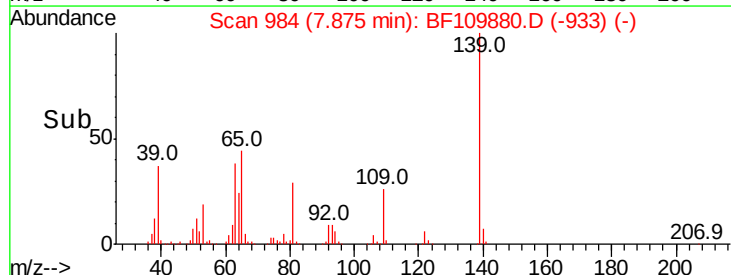
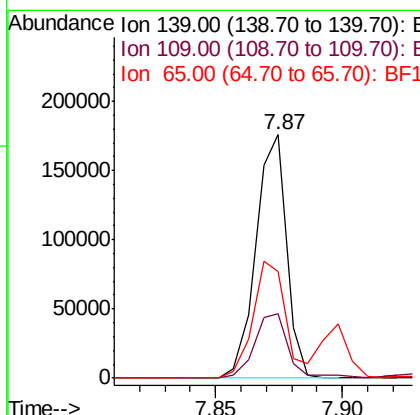
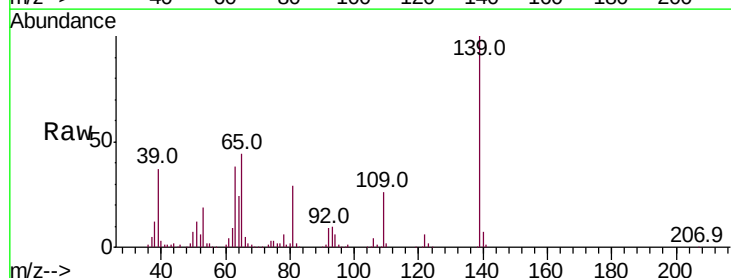
Manual Integrations
APPROVED

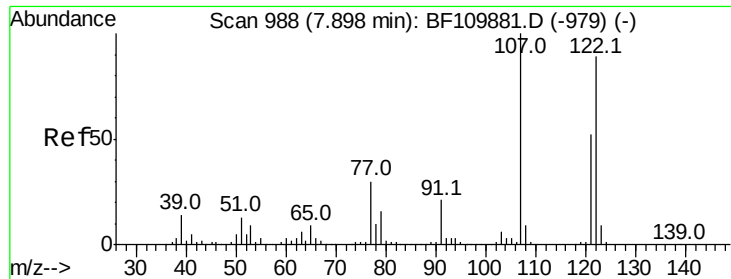
Sohil
10/16/2018 9:57:14 AM



#26
2-Nitrophenol
Concen: 17.625 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	148886		
109	26.3		25.0	37.6
65	43.9		44.0	66.0#





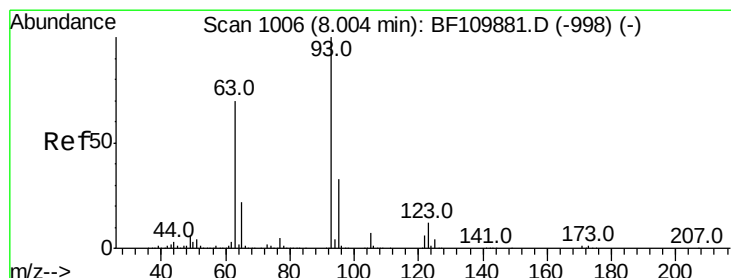
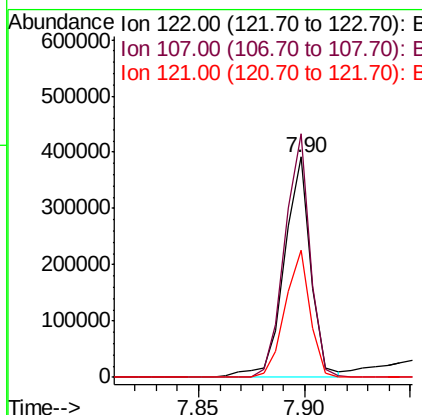
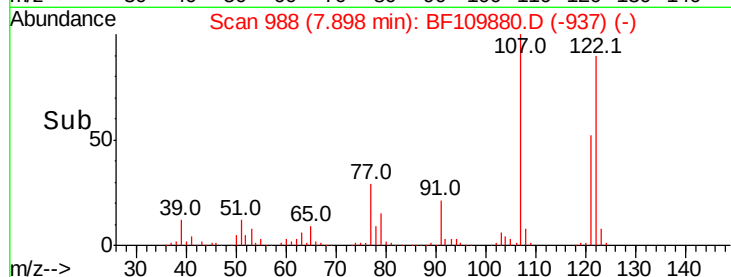
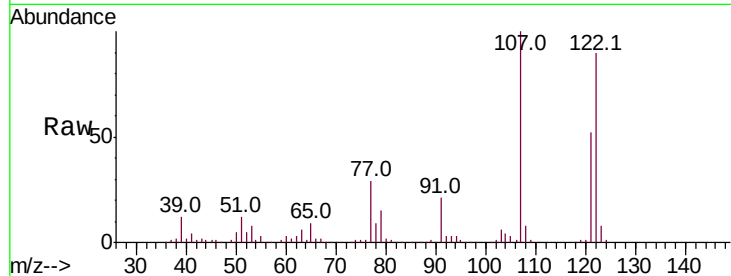
#27
2,4-Dimethylphenol
Concen: 27.993 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
341467	122	100			
	107	110.6	92.5	138.7	
	121	57.9	45.8	68.8	

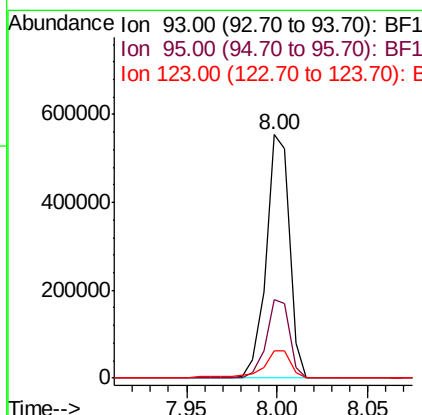
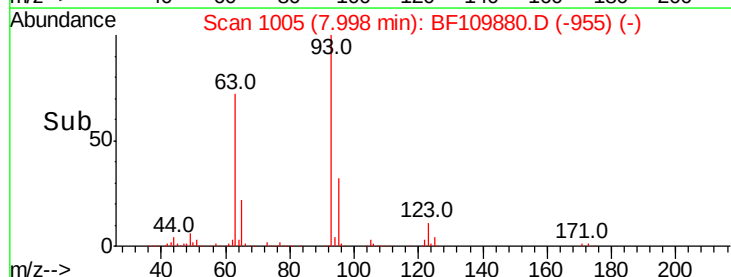
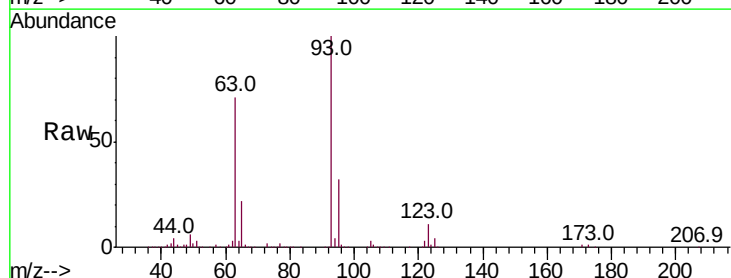
Manual Integrations
APPROVED

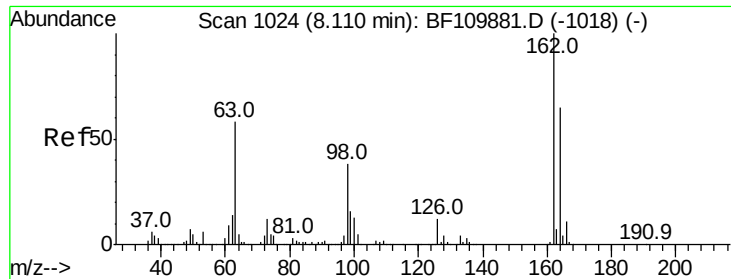
Sohil
10/16/2018 9:57:14 AM



#28
bis(2-Chloroethoxy)methane
Concen: 25.324 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
493662	93	100			
	95	32.5	26.4	39.6	
	123	11.4	9.0	13.6	





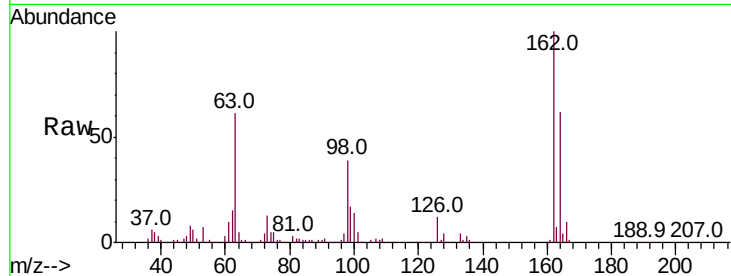
#29
2,4-Dichlorophenol
Concen: 24.665 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
162	100	337470		
164	62.2	44.6	84.6	
98	39.0	17.4	57.4	

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

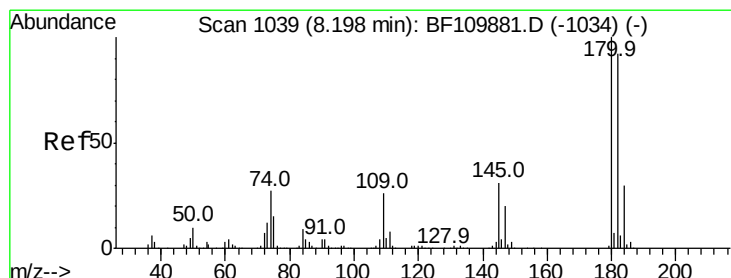
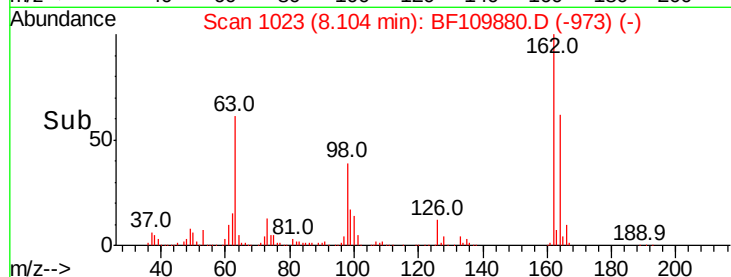
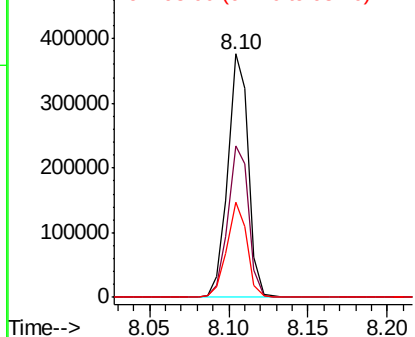


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 24.666 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

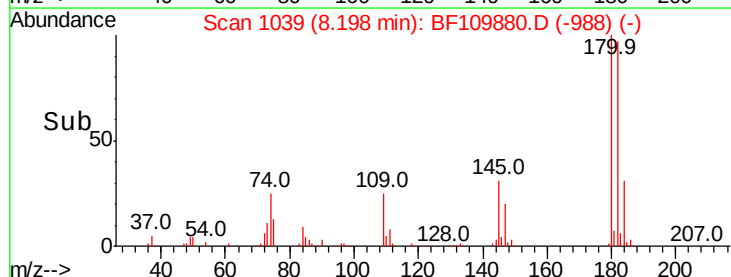
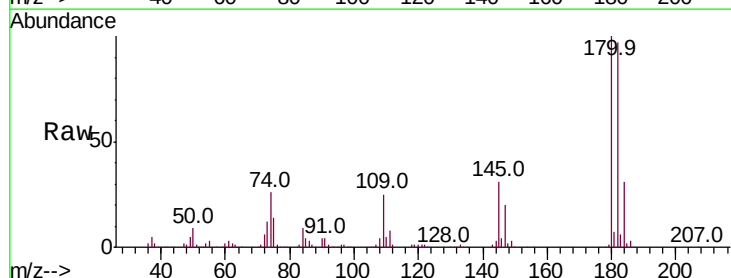
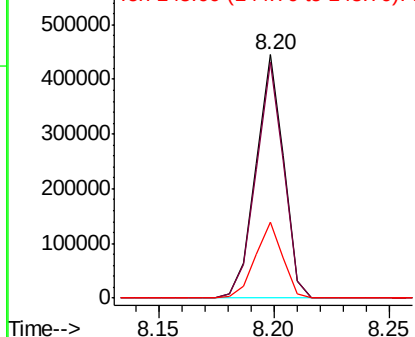
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	373601		
182	96.7	80.3	120.5	
145	31.1	25.4	38.0	

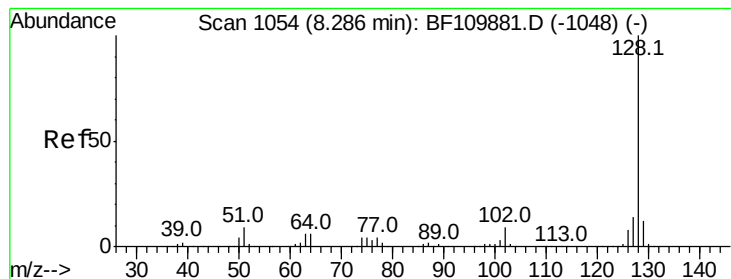
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.905 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 1146140

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

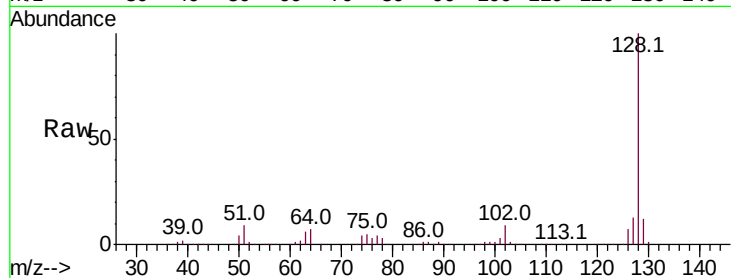
127 13.3 10.8 16.2

Manual Integrations

APPROVED

Sohil

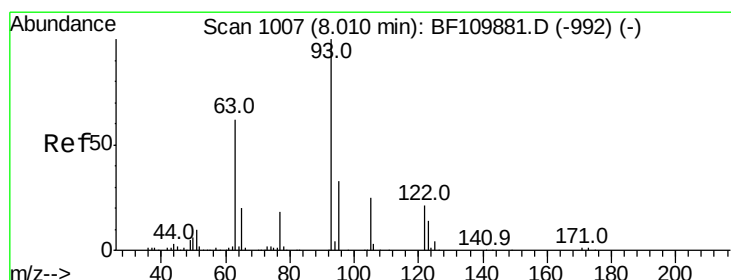
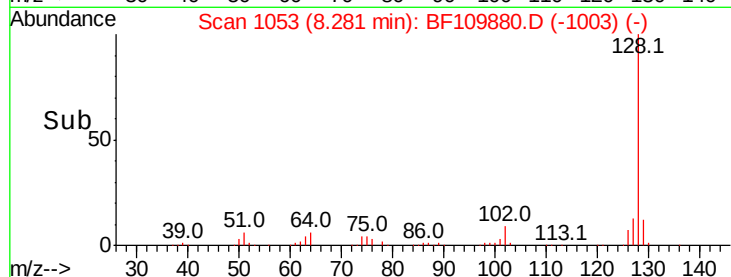
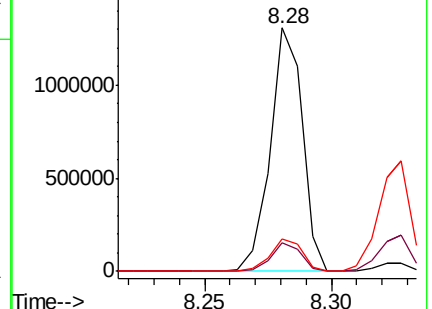
10/16/2018 9:57:14 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.738 ng m

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

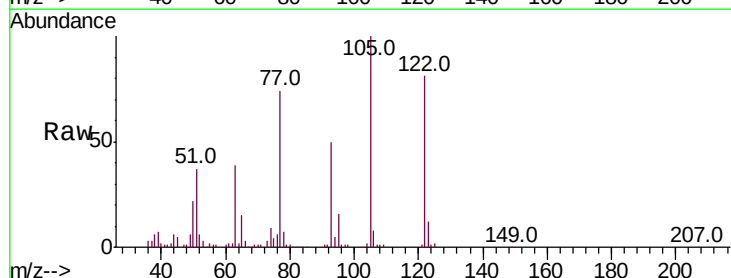
Tgt Ion:122 Resp: 198309

Ion Ratio Lower Upper

122 100

105 123.1 109.0 149.0

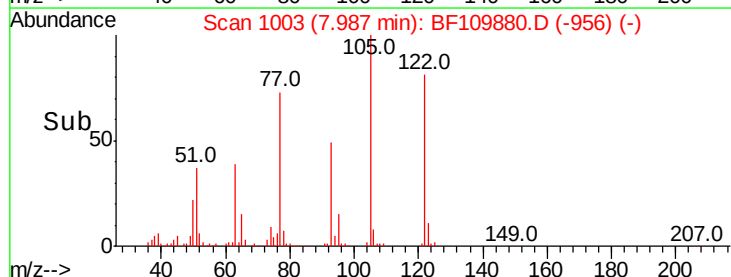
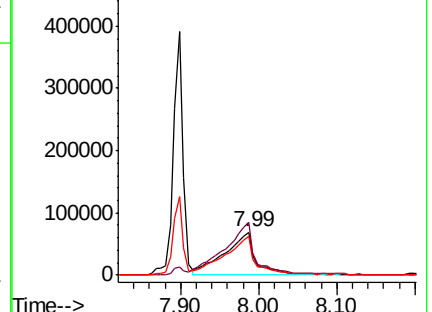
77 90.8 79.0 119.0

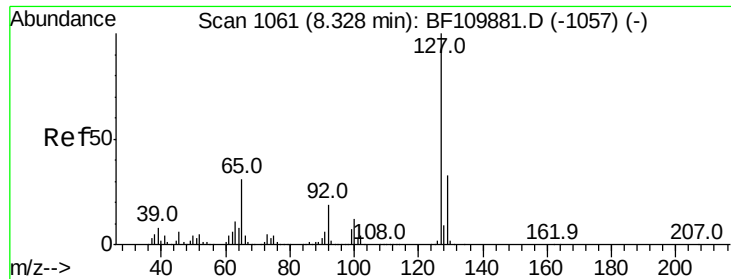


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





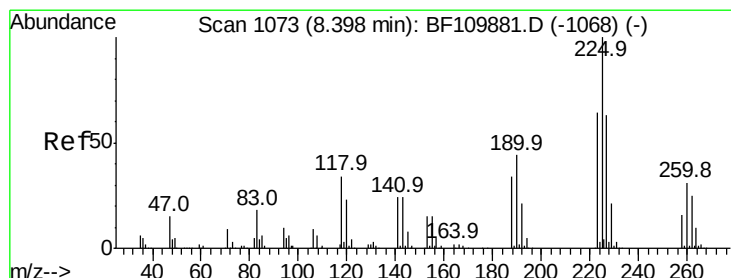
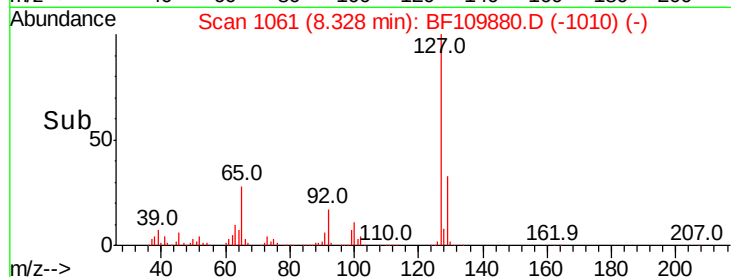
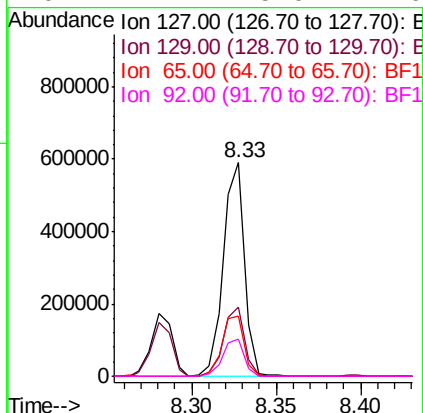
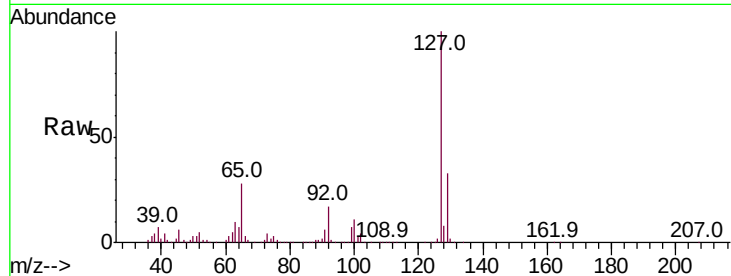
#33
4-Chloroaniline
Concen: 26.354 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.0	39.0		
65	28.1	25.1	37.7		
92	17.4	15.0	22.6		

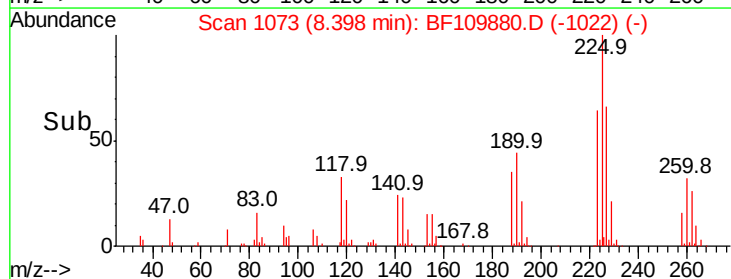
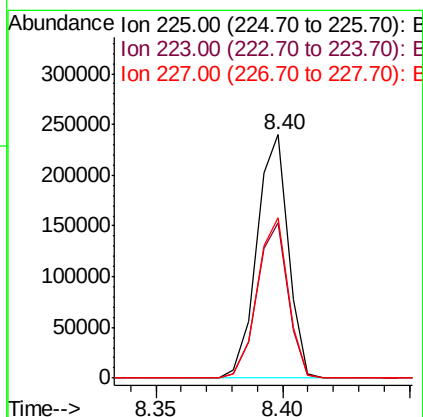
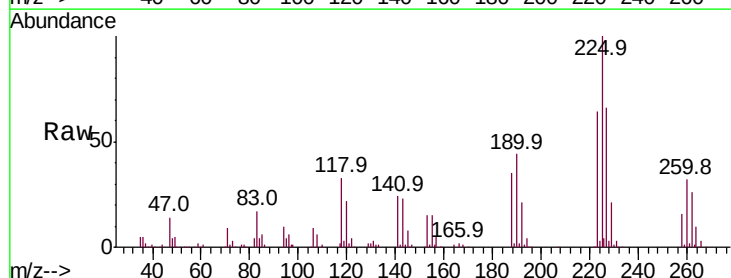
Manual Integrations
APPROVED

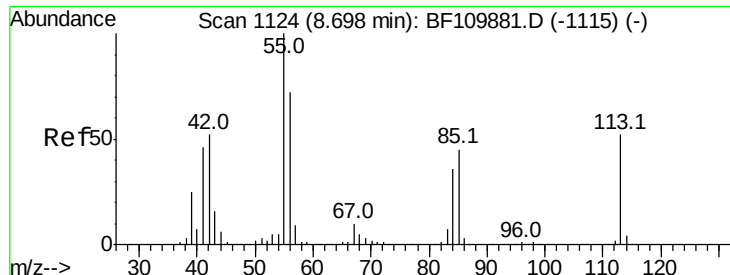
Sohil
10/16/2018 9:57:14 AM



#34
Hexachlorobutadiene
Concen: 22.005 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.4	77.2		
227	65.7	51.0	76.6		





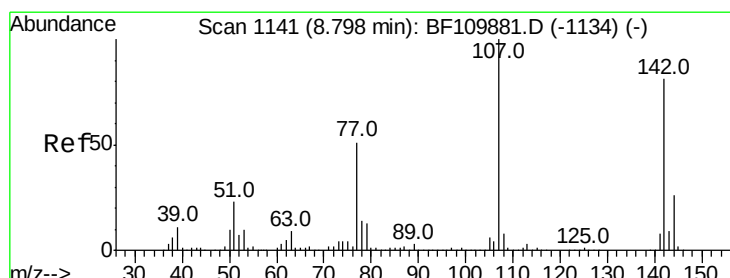
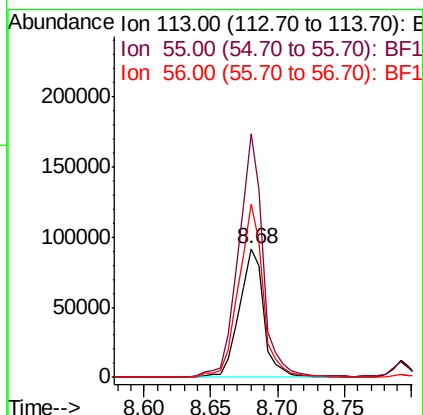
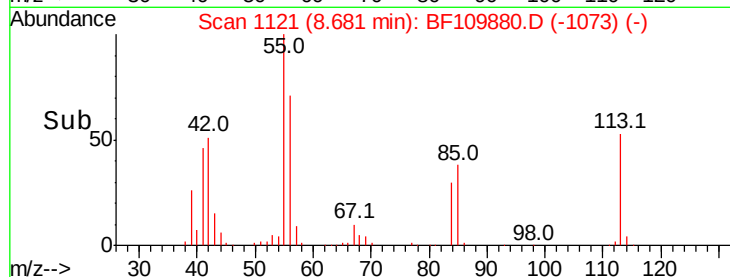
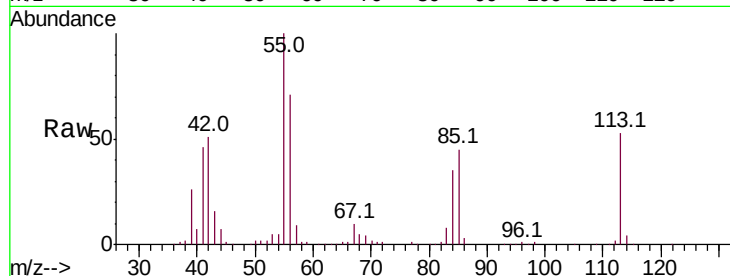
#35
Caprolactam
Concen: 28.607 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.9	142.8	182.8#
56	134.3	105.0	145.0

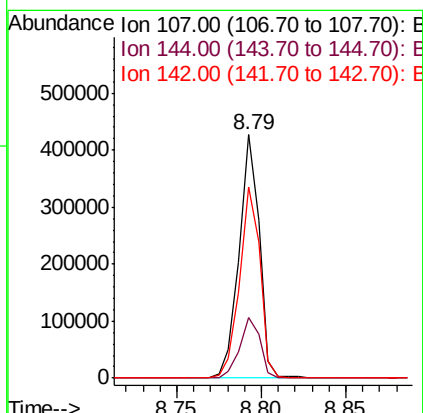
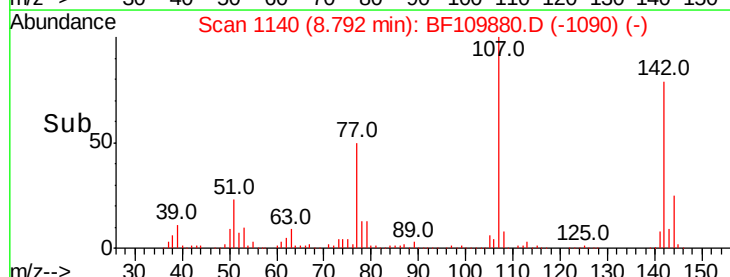
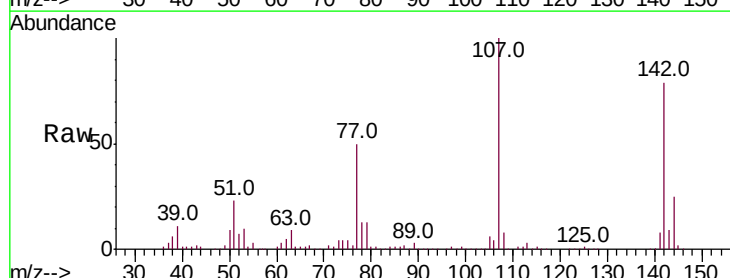
Manual Integrations
APPROVED

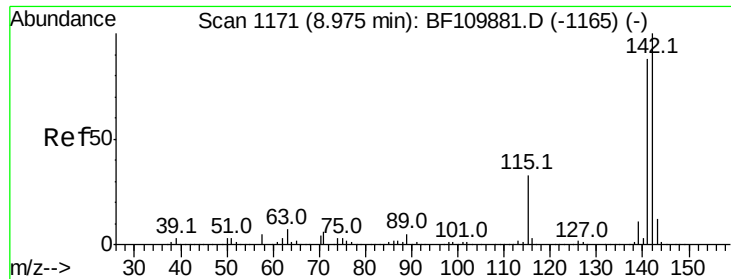
Sohil
10/16/2018 9:57:14 AM



#36
4-Chloro-3-methylphenol
Concen: 24.522 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	78.7	59.7	89.5





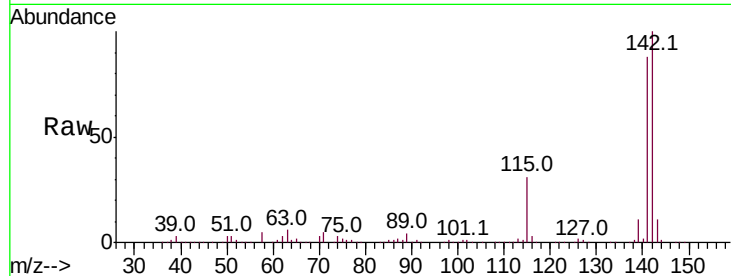
#37
2-Methylnaphthalene
Concen: 25.697 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	31.4	28.7	43.1

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

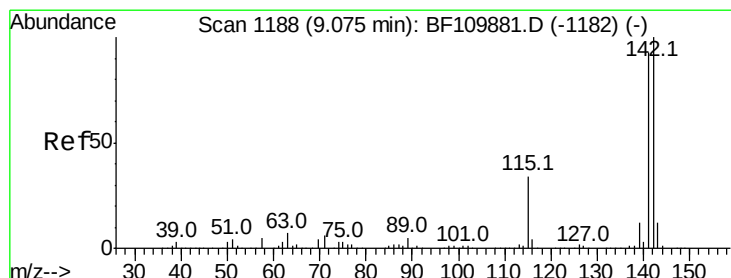
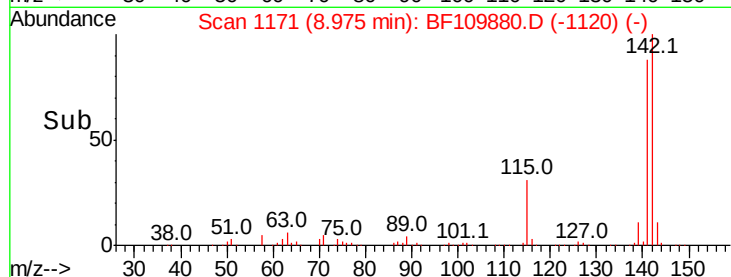
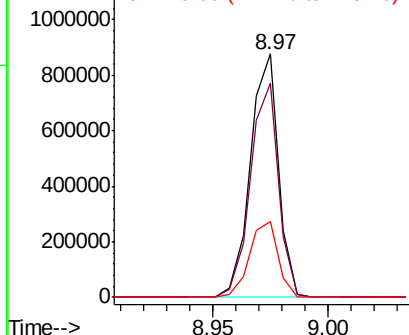


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 24.981 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

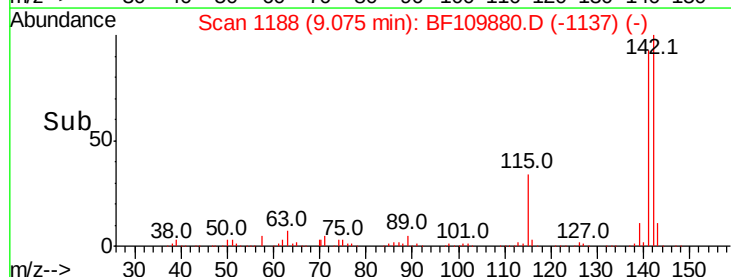
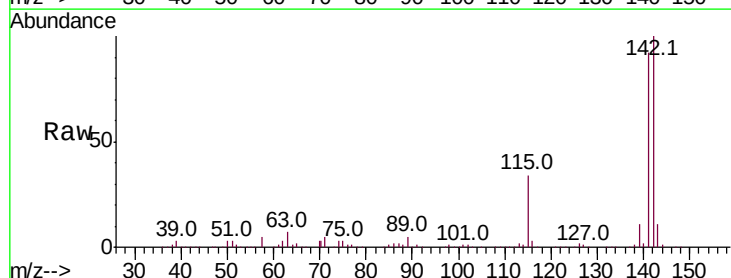
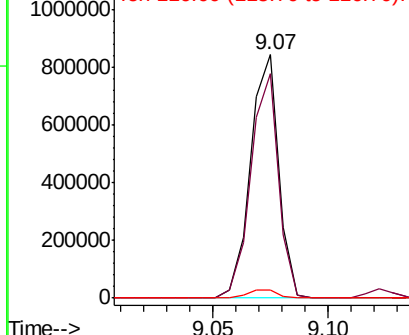
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	3.4	2.6	4.0

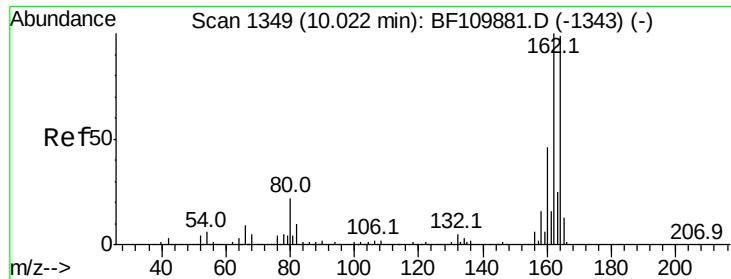
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





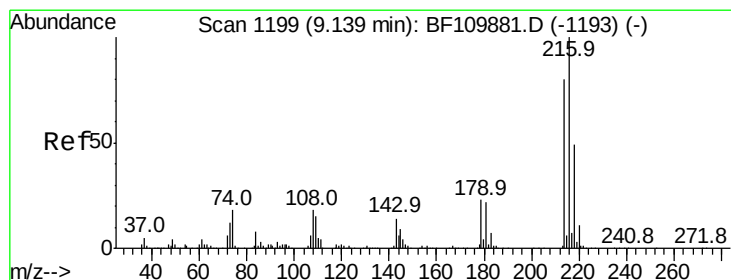
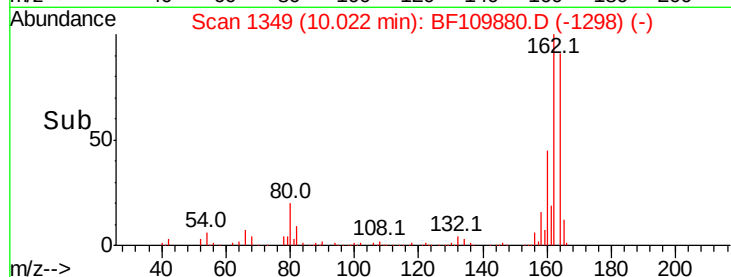
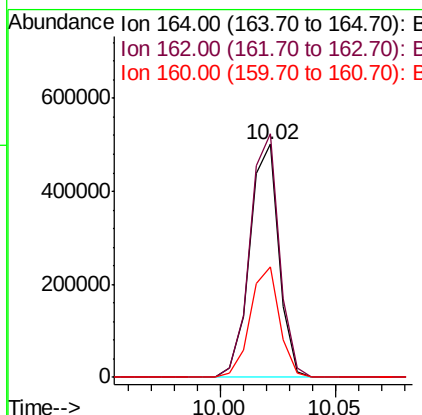
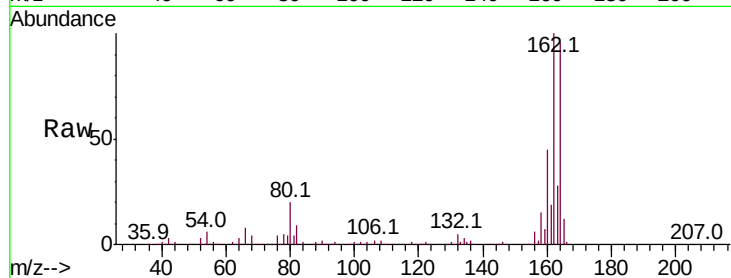
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	47.4	37.0	55.6

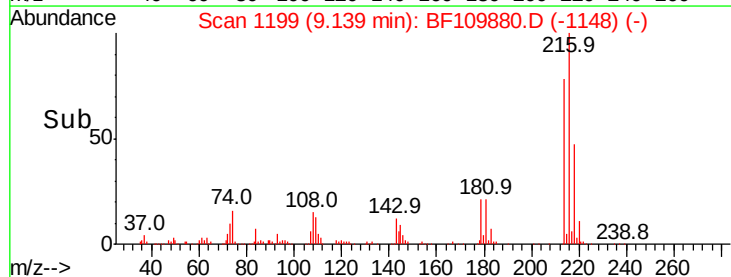
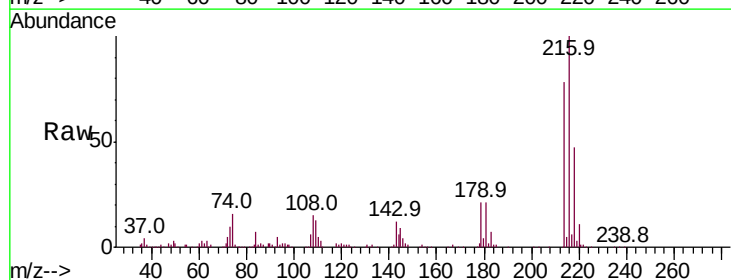
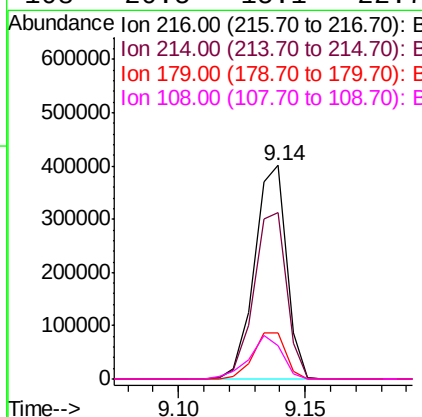
Manual Integrations
APPROVED

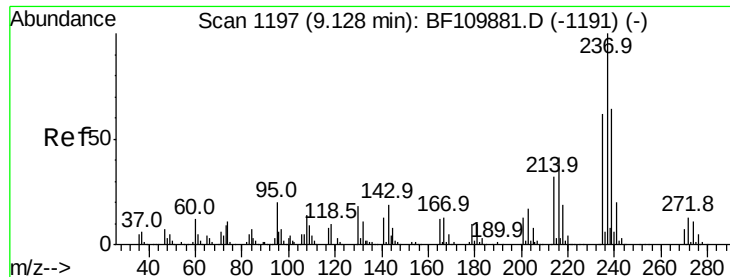
Sohil
10/16/2018 9:57:14 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.568 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.1	16.6	25.0
108	20.5	15.1	22.7





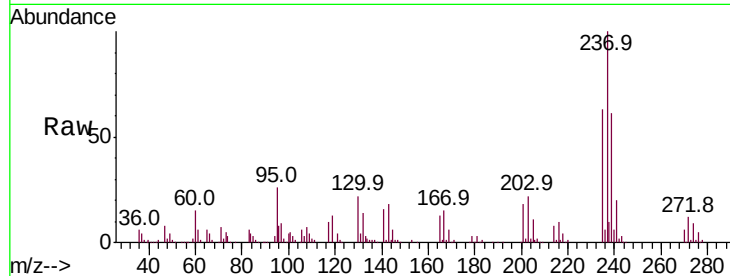
#41
Hexachlorocyclopentadiene
Concen: 30.855 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

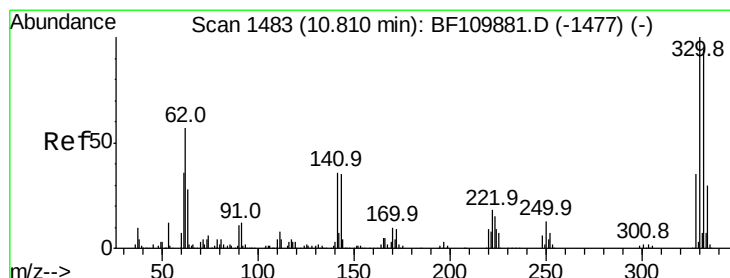
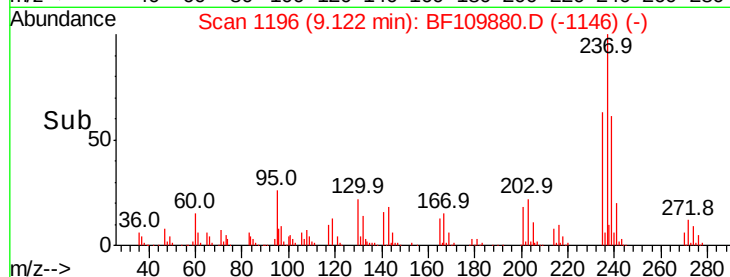
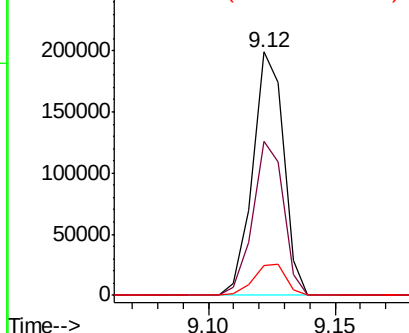
Tot Ion	Ratio	Resp	Lower	Upper
237	100	170216		
235	63.2	43.1	83.1	
272	12.4	0.0	32.6	

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

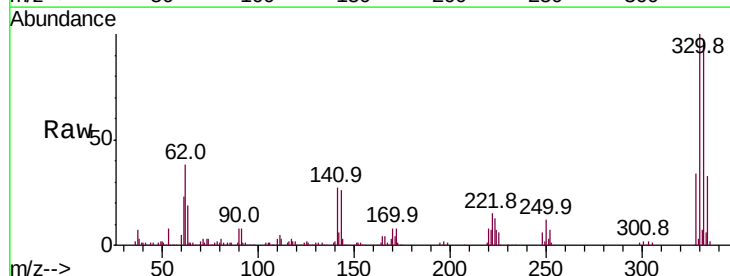


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

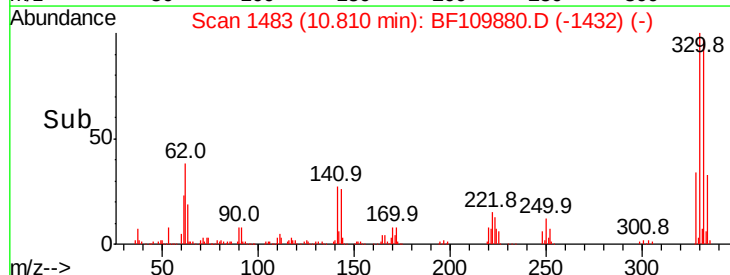
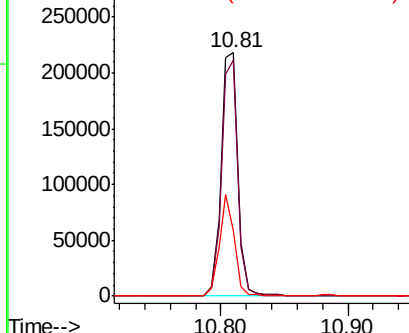


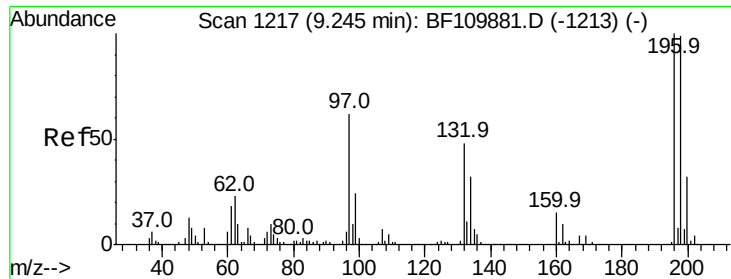
#42
2,4,6-Tribromophenol
Concen: 41.925 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	202876		
332	94.5	77.1	115.7	
141	37.7	27.0	40.4	



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





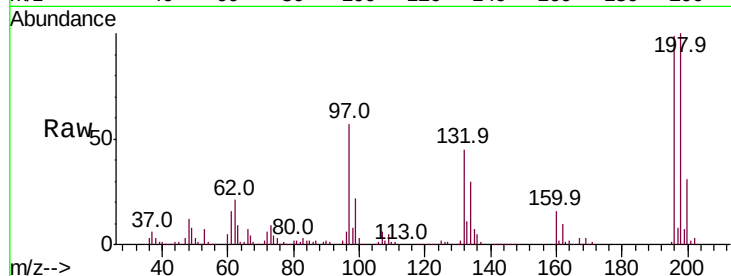
#43
 2,4,6-Trichlorophenol
 Concen: 24.517 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221566		
198	100.8	76.2	114.4	
200	30.9	24.4	36.6	

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:14 AM

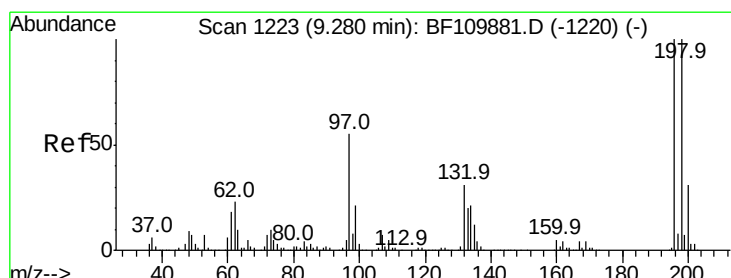
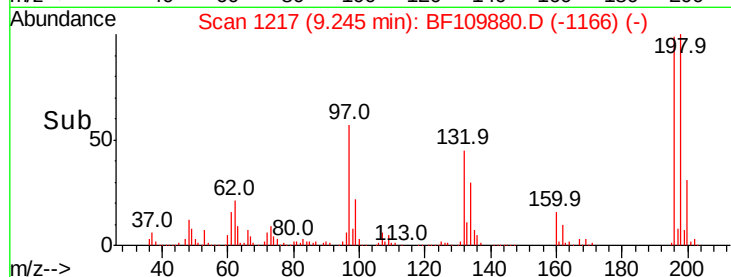
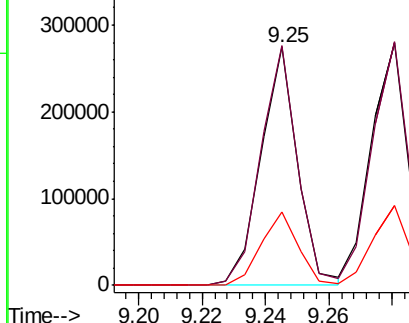


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 22.107 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229715		
198	100.4	75.8	113.6	
97	49.0	42.4	63.6	
132	29.4	22.8	34.2	

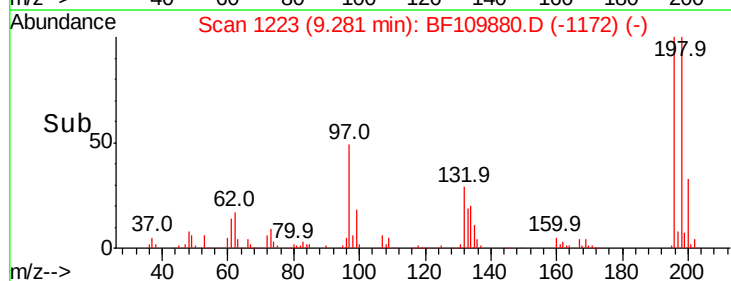
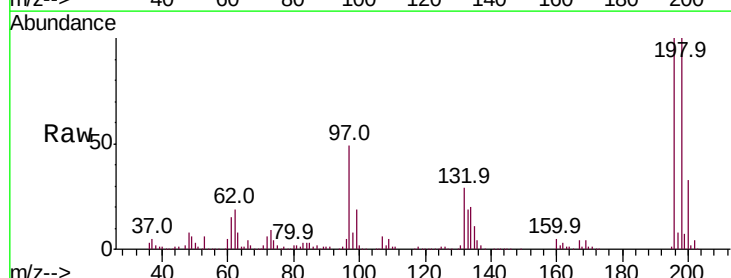
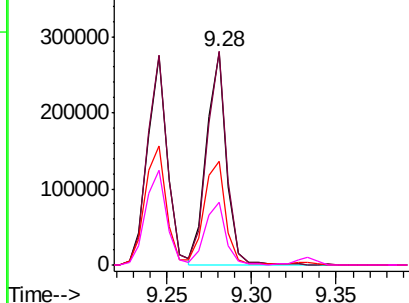
Abundance

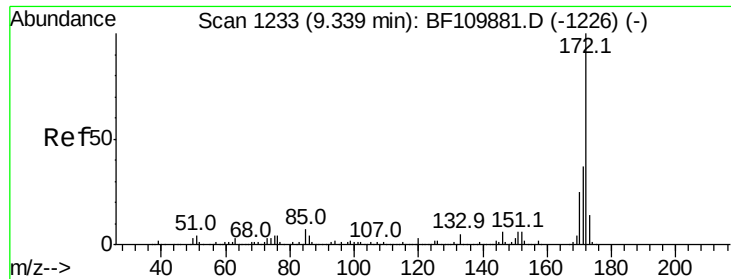
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





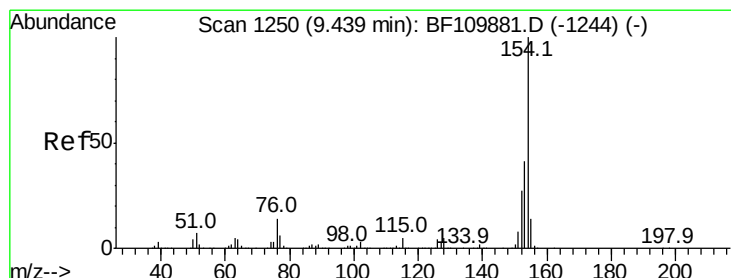
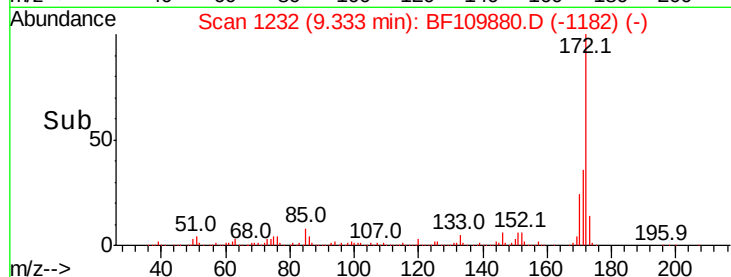
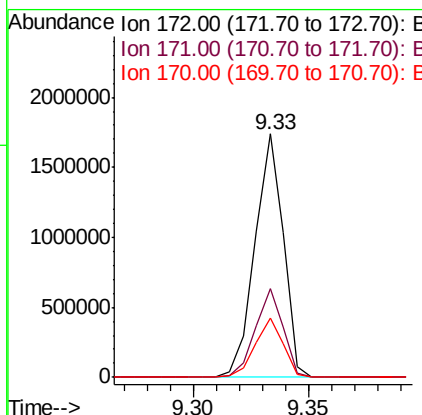
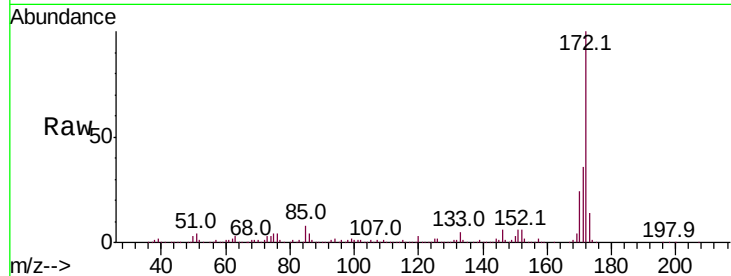
#45
2-Fluorobiphenyl
Concen: 46.392 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.5	19.7	29.5

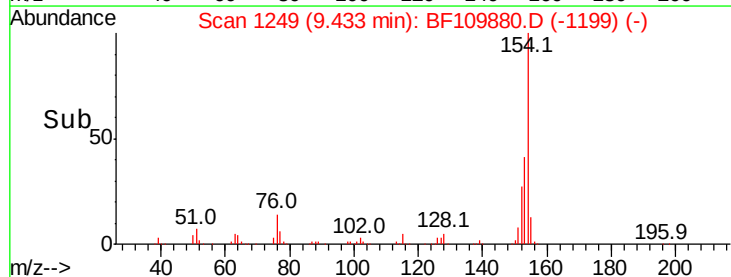
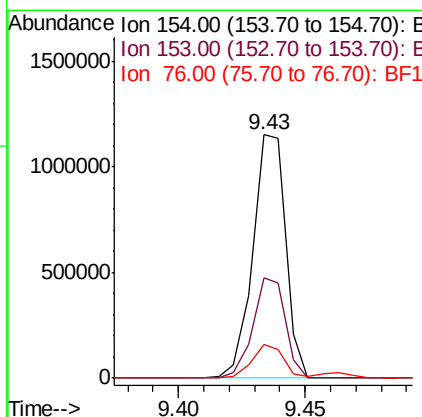
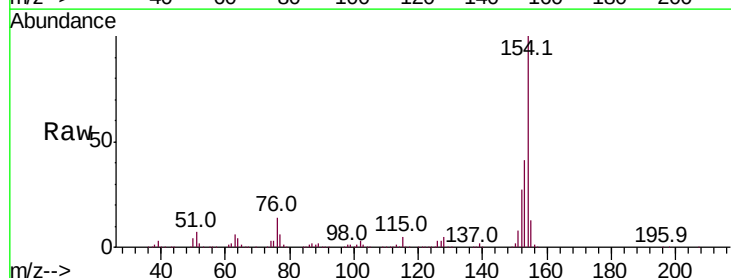
Manual Integrations
APPROVED

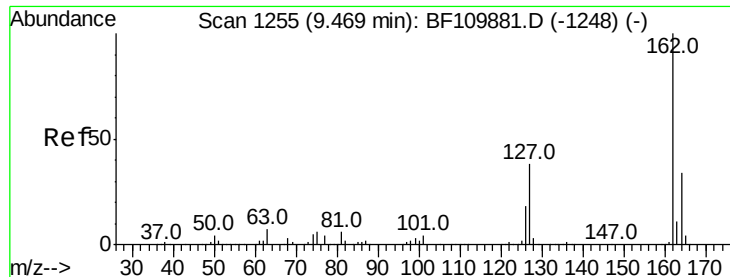
Sohil
10/16/2018 9:57:14 AM



#46
1,1'-Biphenyl
Concen: 26.308 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	13.7	0.0	31.9





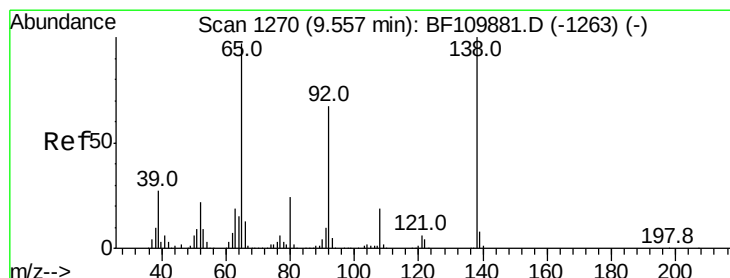
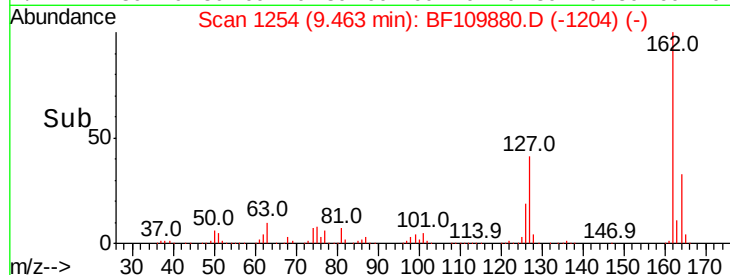
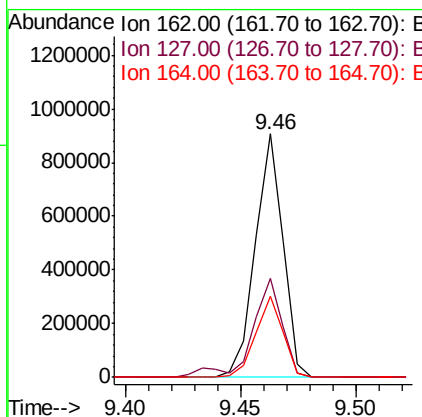
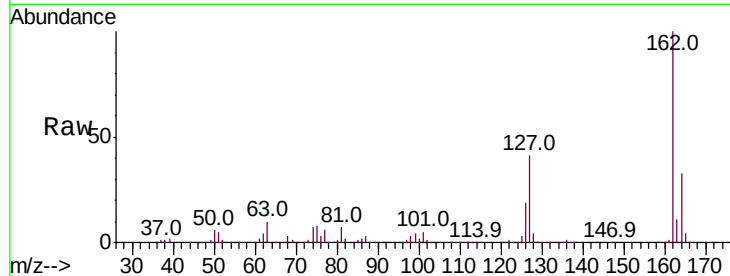
#47
2-Chloronaphthalene
Concen: 25.528 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		758791		
127	40.6	32.6	48.8		
164	33.0	25.9	38.9		

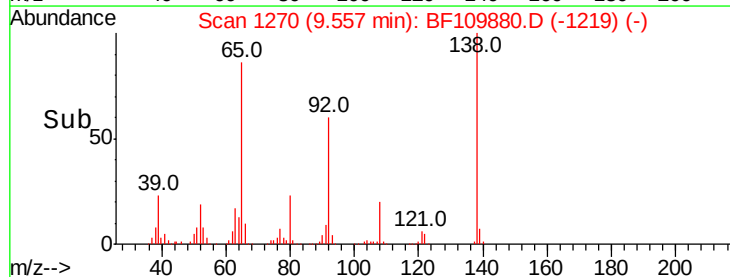
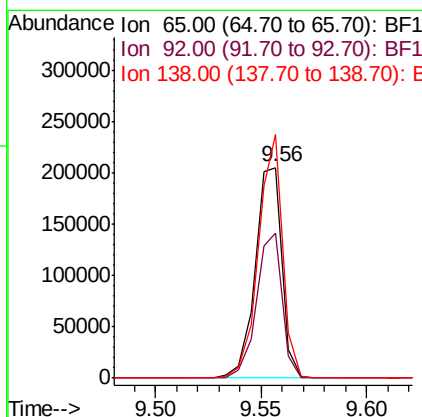
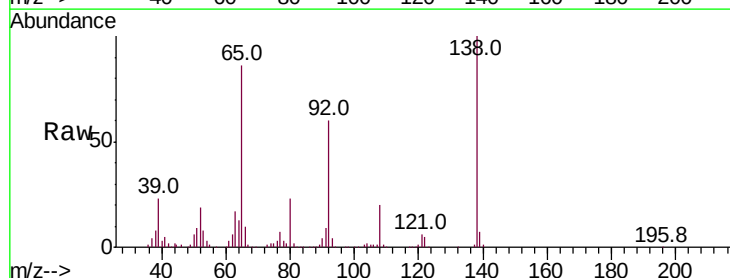
Manual Integrations
APPROVED

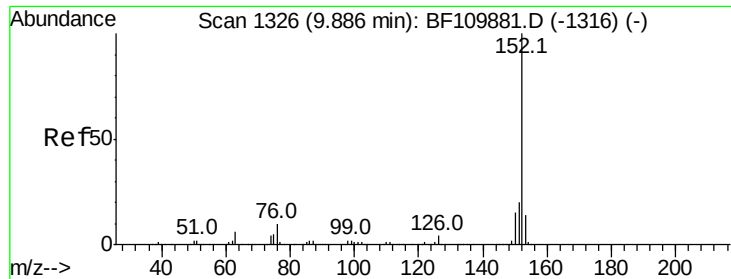
Sohil
10/16/2018 9:57:14 AM



#48
2-Nitroaniline
Concen: 20.180 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		181619		
92	69.1	54.6	81.8		
138	115.7	80.3	120.5		





#49

Acenaphthylene

Concen: 25.350 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:152 Resp: 1098496

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

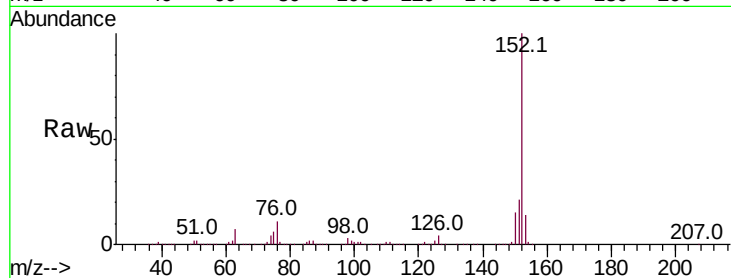
153 14.3 10.4 15.6

Manual Integrations

APPROVED

Sohil

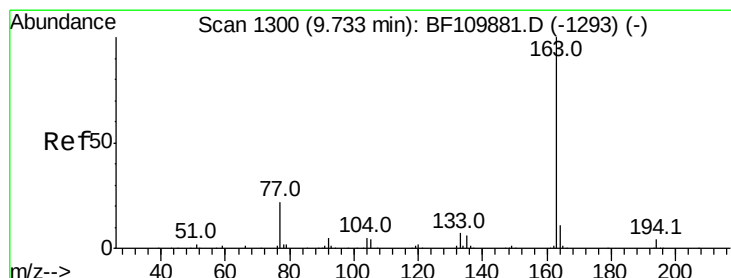
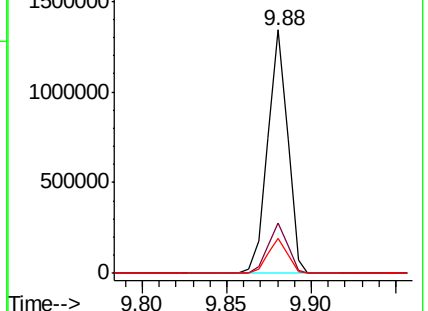
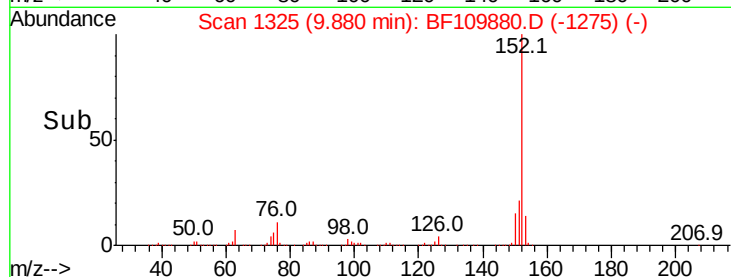
10/16/2018 9:57:14 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 24.539 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

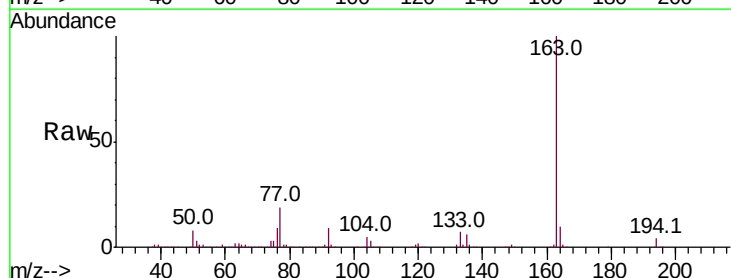
Tgt Ion:163 Resp: 799248

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

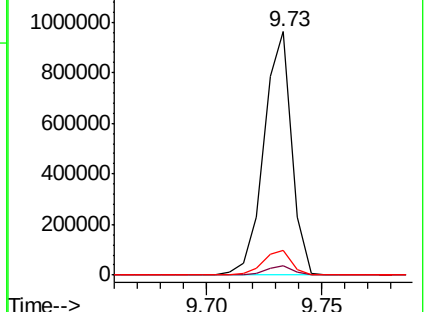
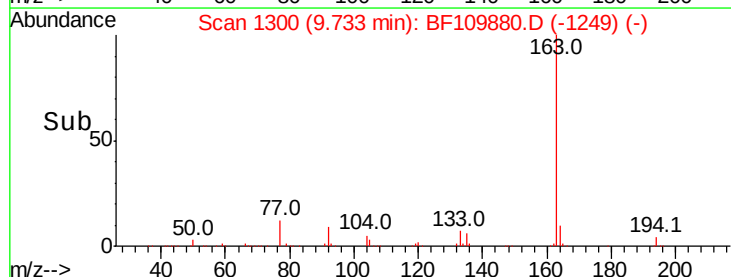
164 10.0 8.1 12.1

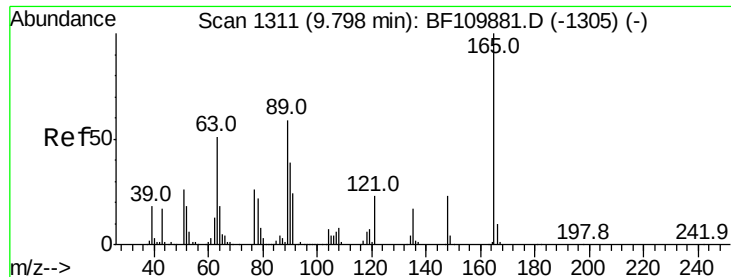


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





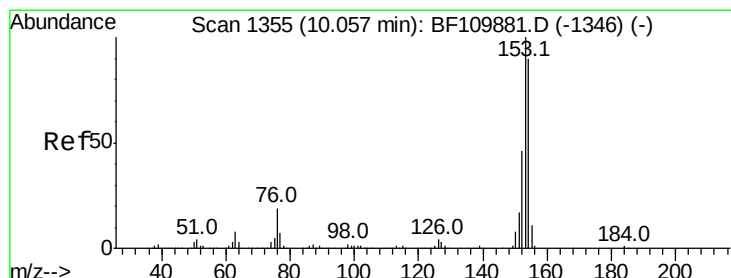
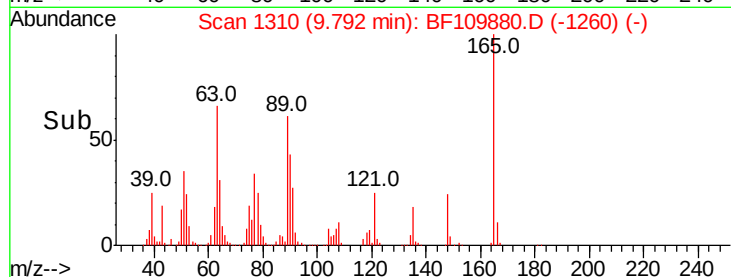
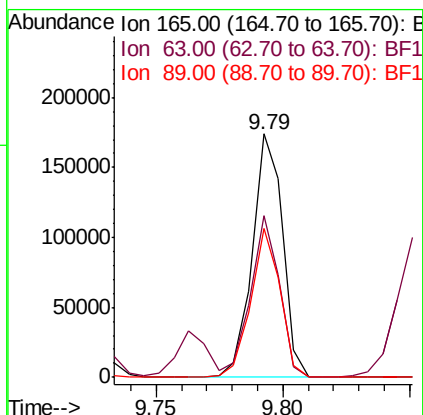
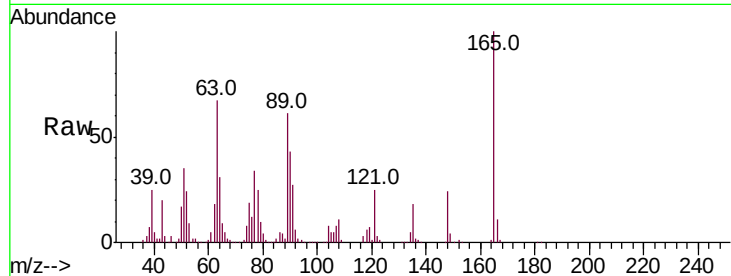
#51
2,6-Dinitrotoluene
Concen: 20.490 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.6	48.9	73.3
89	61.4	46.6	69.8

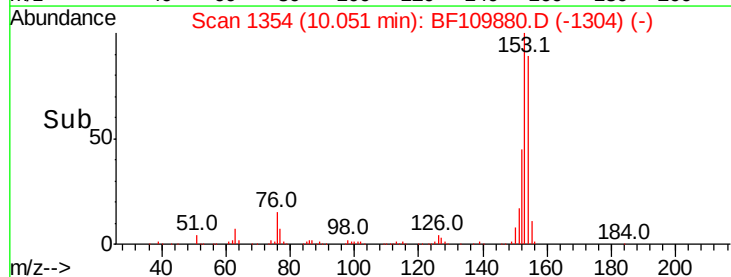
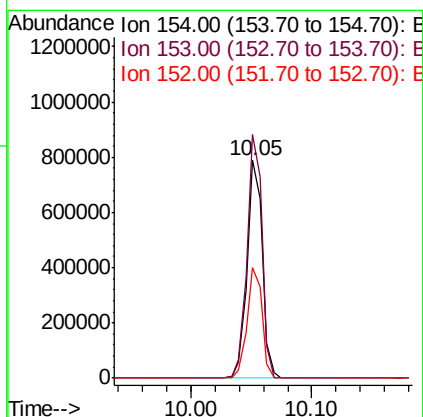
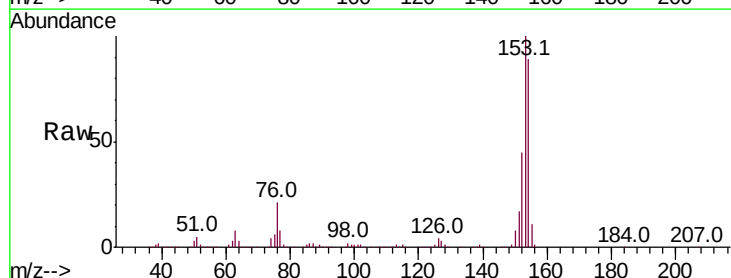
Manual Integrations
APPROVED

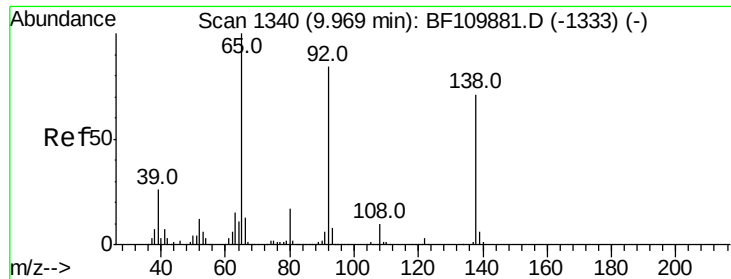
Sohil
10/16/2018 9:57:14 AM



#52
Acenaphthene
Concen: 27.171 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.1	135.1
152	50.9	43.4	65.2





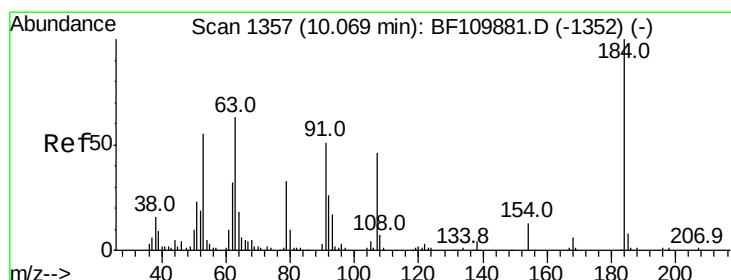
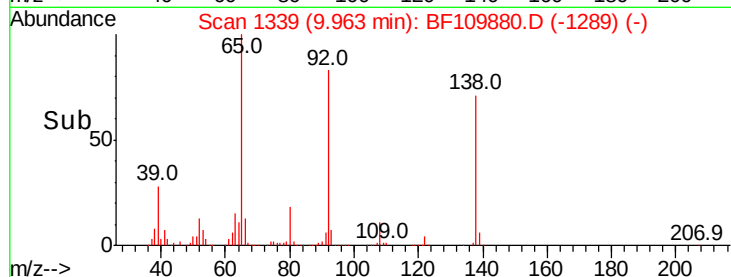
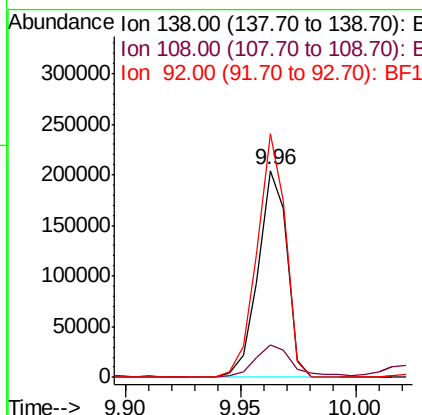
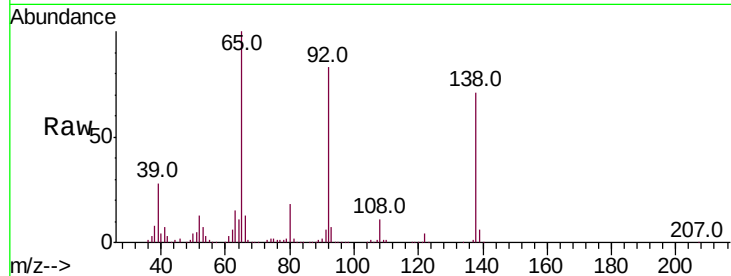
#53
3-Nitroaniline
Concen: 22.636 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.9	8.7	13.1#
92	117.6	97.0	145.4

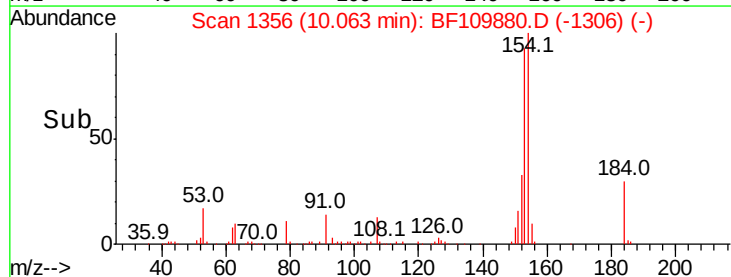
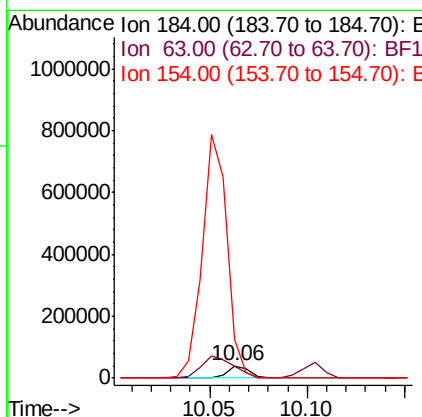
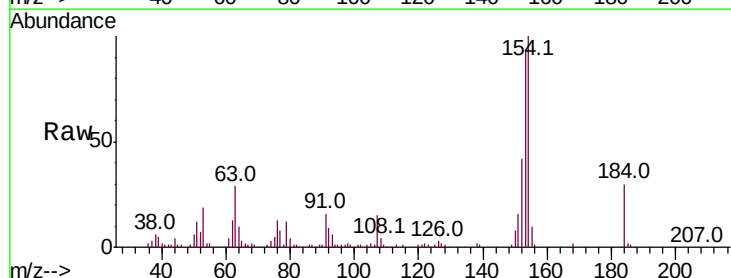
Manual Integrations
APPROVED

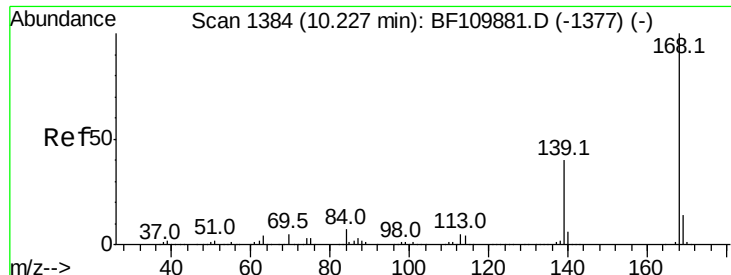
Sohil
10/16/2018 9:57:14 AM



#54
2,4-Dinitrophenol
Concen: 13.850 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	95.0	55.8	83.6#
154	329.0	63.2	94.8#





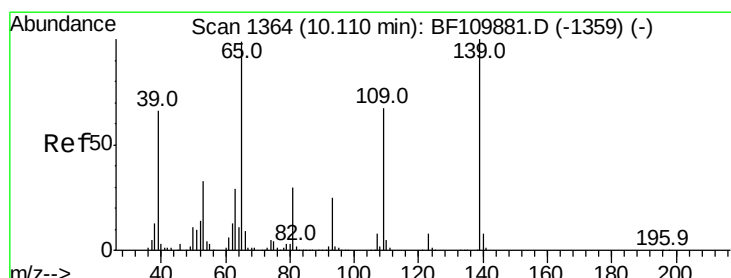
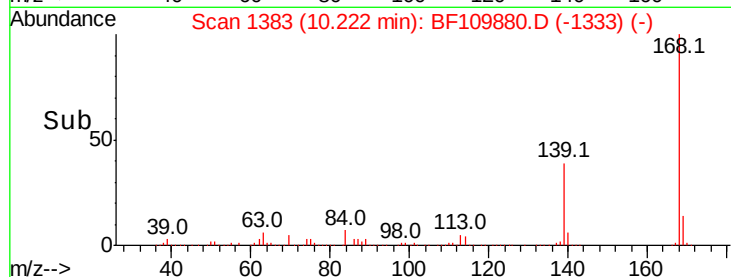
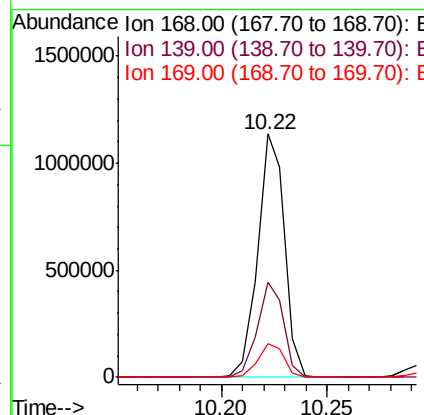
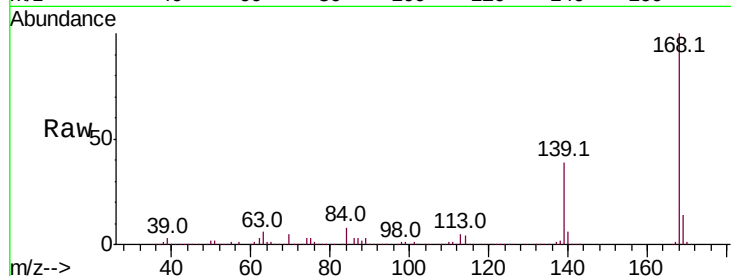
#55
Dibenzofuran
Concen: 25.927 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	33.0	49.6	
169	14.0	11.3	16.9	

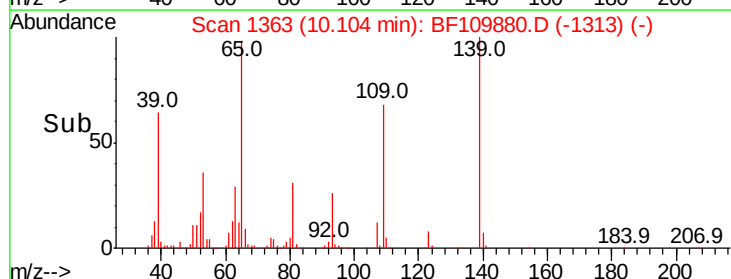
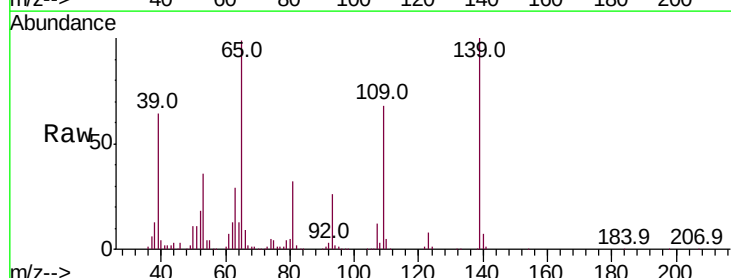
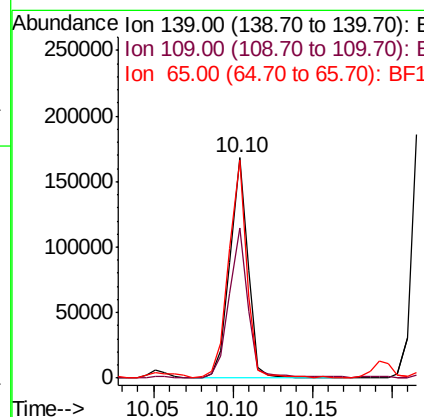
Manual Integrations
APPROVED

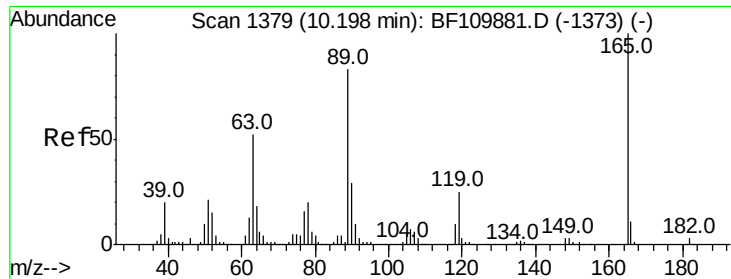
Sohil
10/16/2018 9:57:14 AM



#56
4-Nitrophenol
Concen: 30.847 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.2	55.8	95.8	
65	98.8	77.9	117.9	





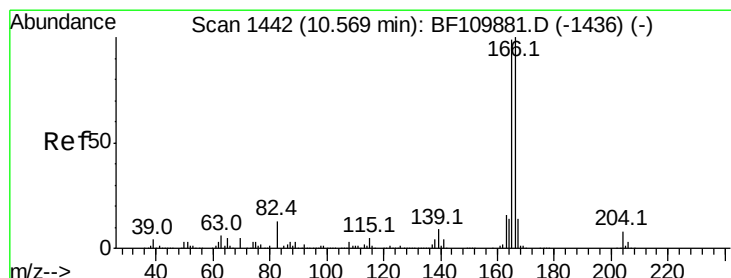
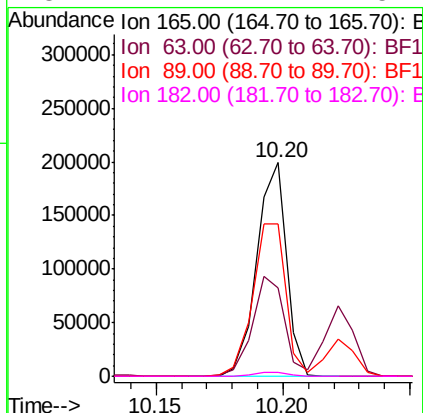
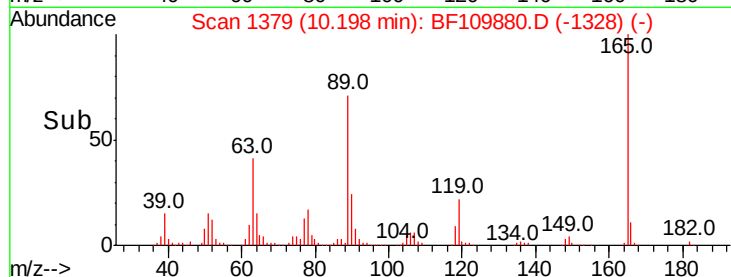
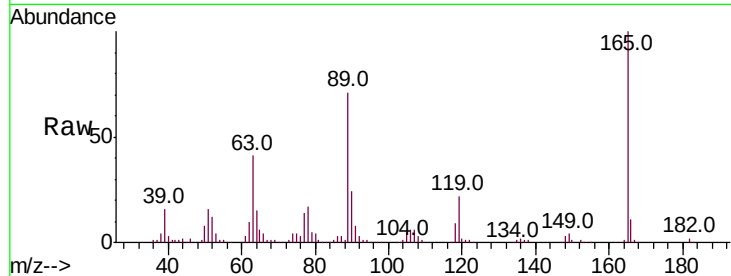
#57
 2,4-Dinitrotoluene
 Concen: 18.488 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	44.8	67.2#
89	71.5	62.2	93.4
182	2.1	2.1	3.1#

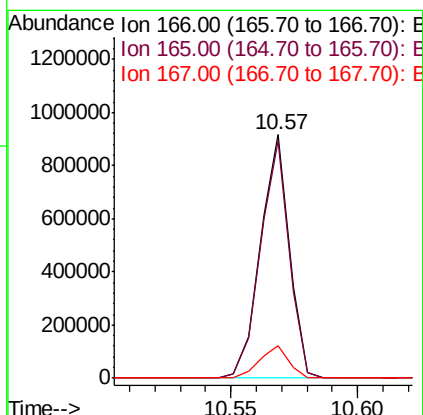
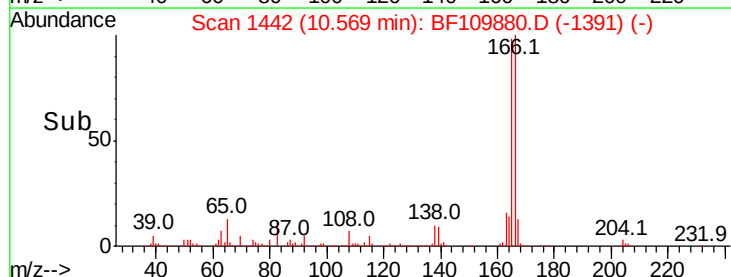
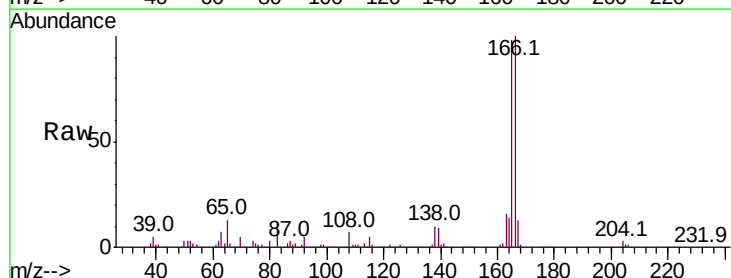
Manual Integrations
 APPROVED

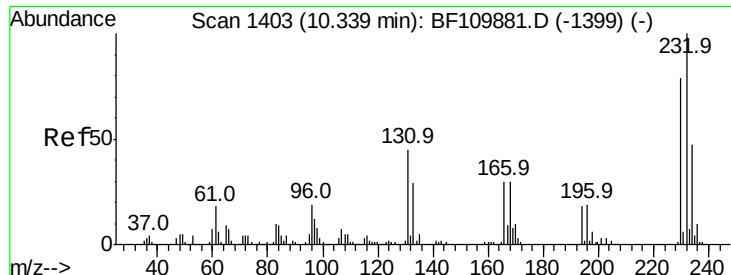
Sohil
 10/16/2018 9:57:14 AM



#58
 Fluorene
 Concen: 25.469 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.1	10.8	16.2





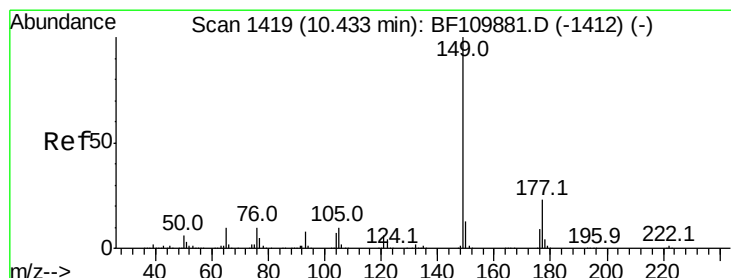
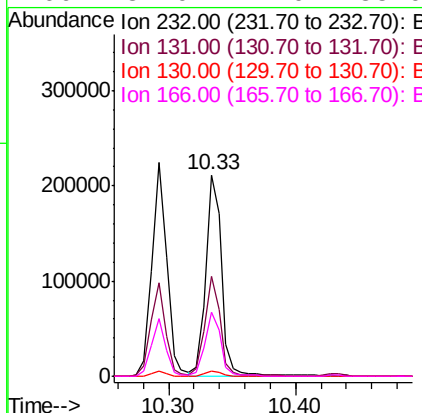
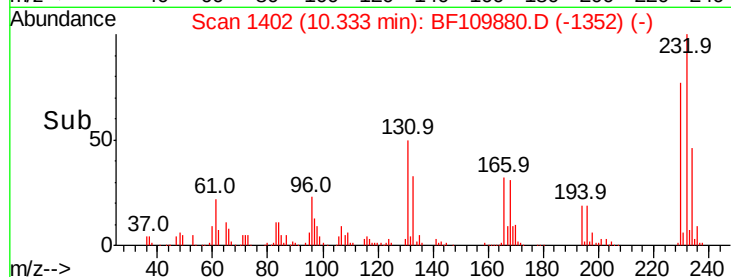
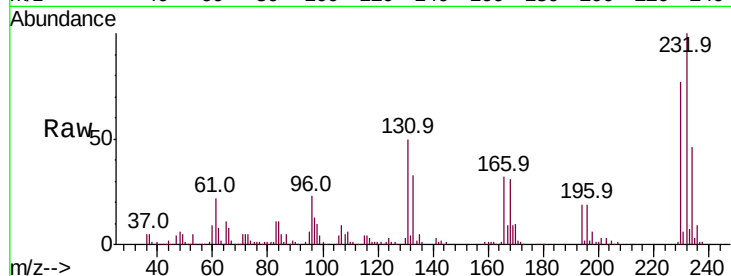
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.888 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184883		
131	48.9		37.0	55.4
130	2.5		1.8	2.6
166	32.0		22.0	33.0

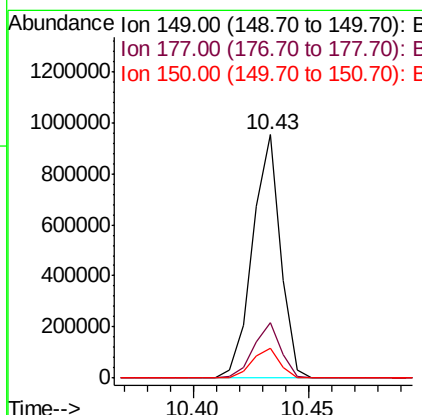
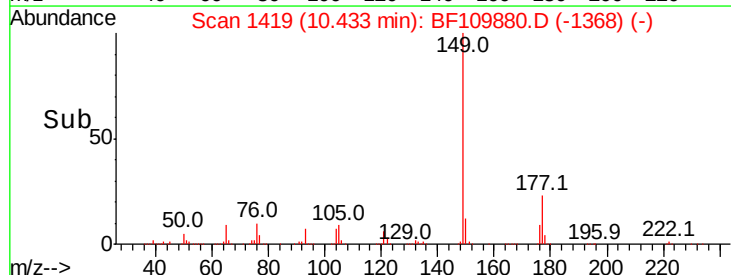
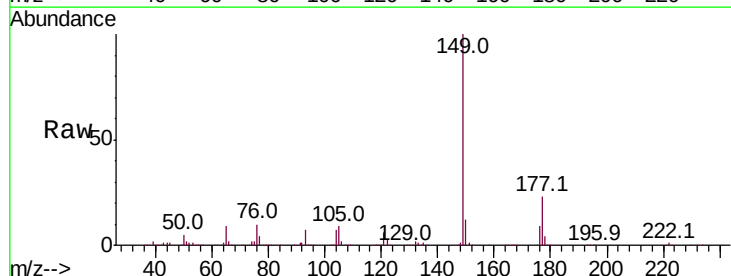
Manual Integrations
 APPROVED

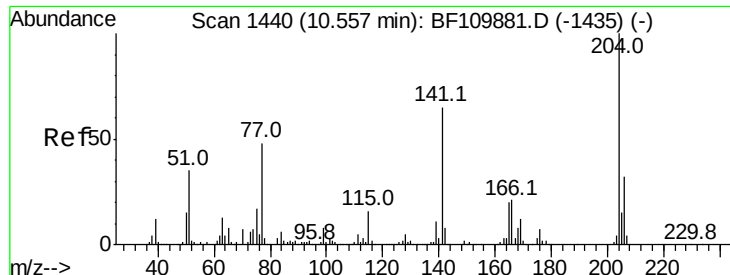
Sohil
 10/16/2018 9:57:14 AM



#60
 Diethylphthalate
 Concen: 24.959 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	805463		
177	22.9		17.4	26.2
150	12.4		9.8	14.8





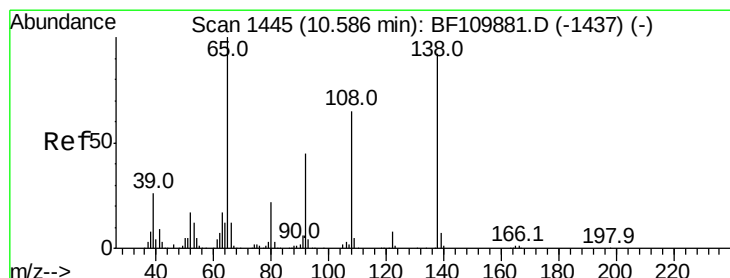
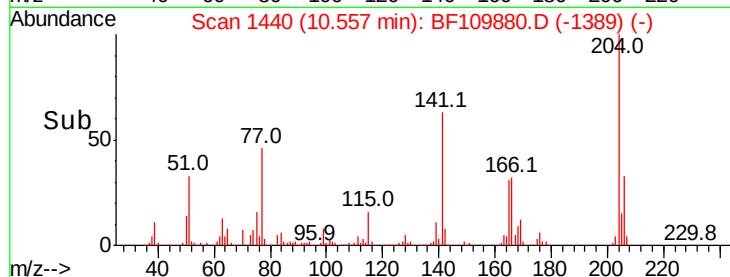
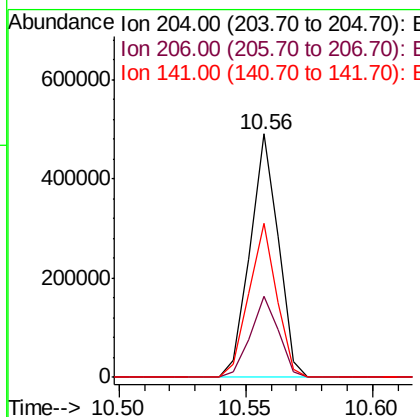
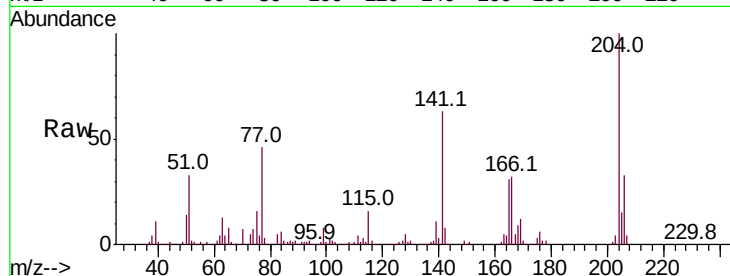
#61
4-Chlorophenyl-phenylether
Concen: 25.139 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	63.2	51.8	77.8

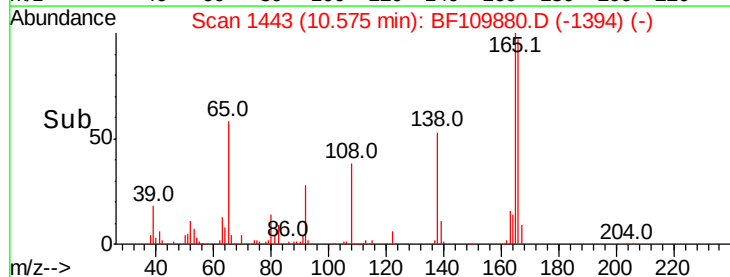
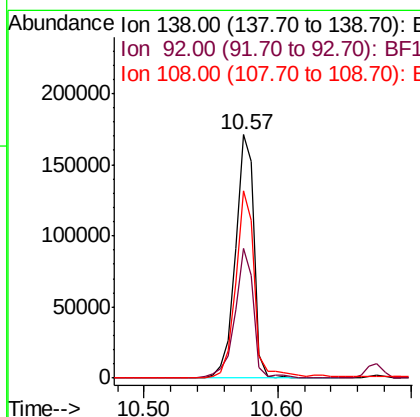
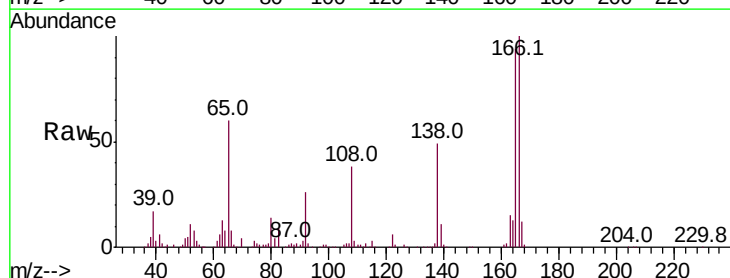
Manual Integrations
APPROVED

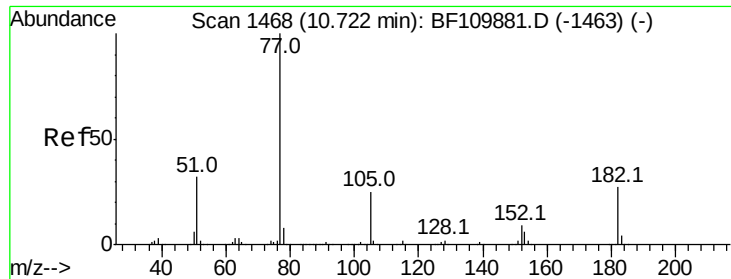
Sohil
10/16/2018 9:57:14 AM



#62
4-Nitroaniline
Concen: 22.769 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	31.7	71.7
108	77.0	59.3	99.3





#63

Azobenzene

Concen: 25.860 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

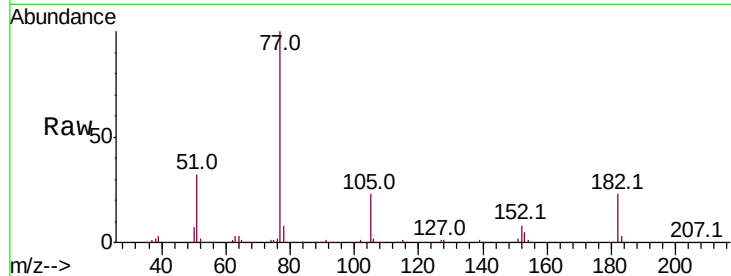
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.3	44.3
105	23.2	1.3	41.3
51	32.1	9.0	49.0

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



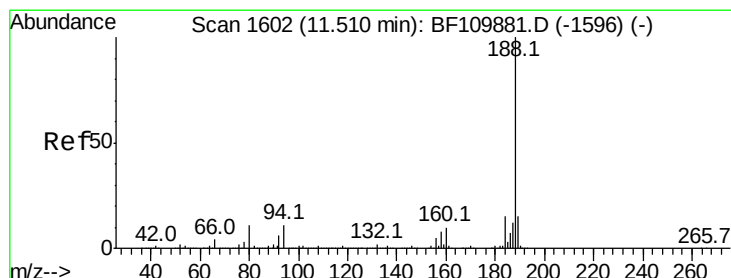
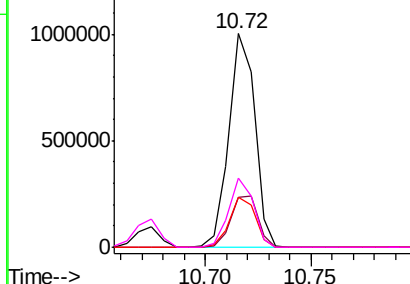
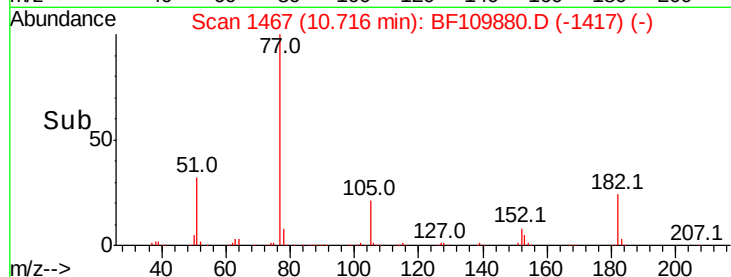
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

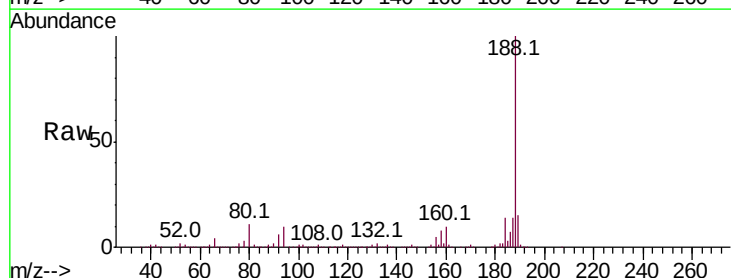
RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	10.7	7.9	11.9

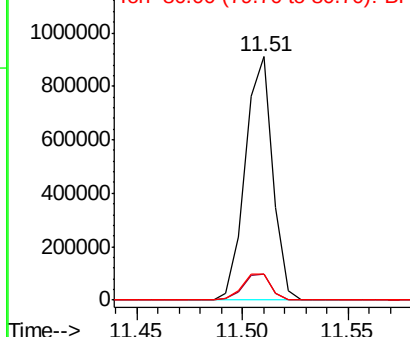
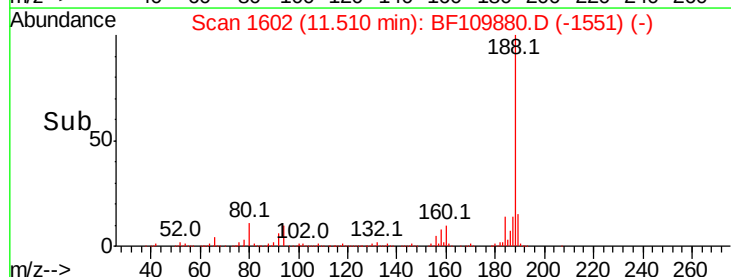


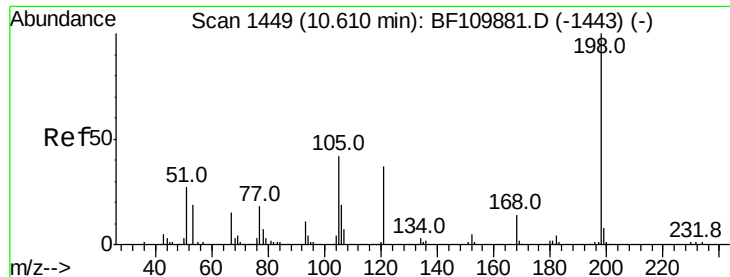
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





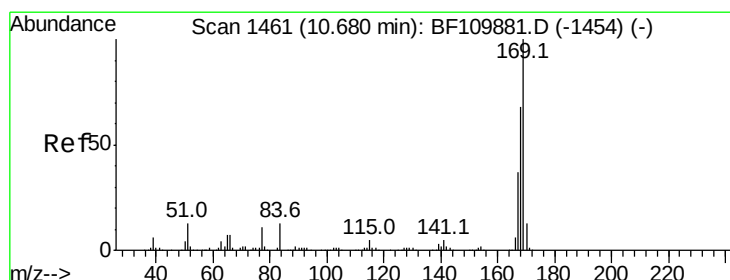
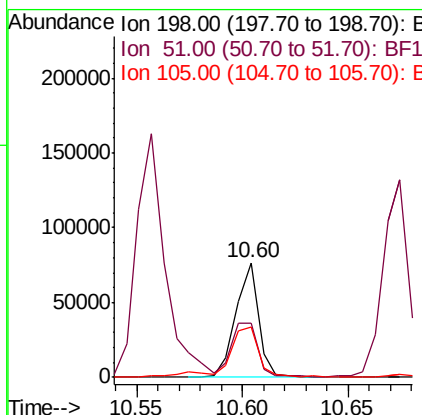
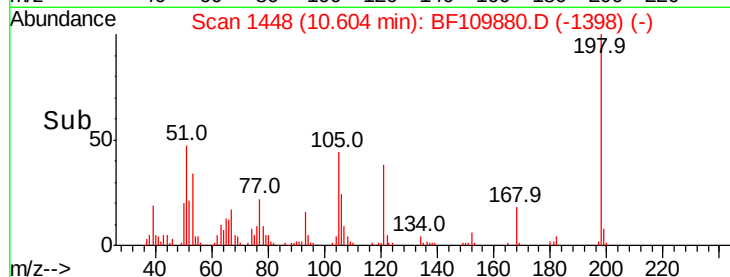
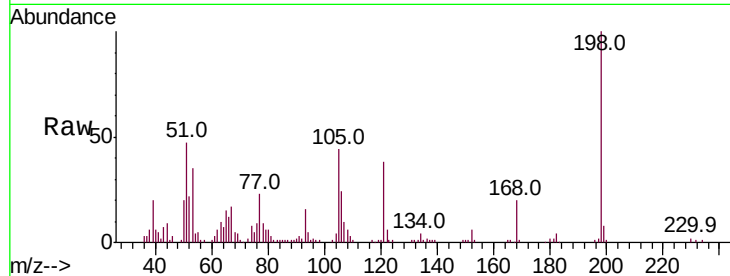
#65
4,6-Dinitro-2-methylphenol
Concen: 14.296 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
198	100	56915		
51	47.1	22.8	62.8	
105	44.0	23.6	63.6	

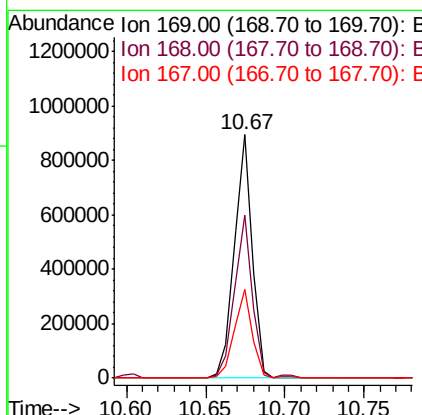
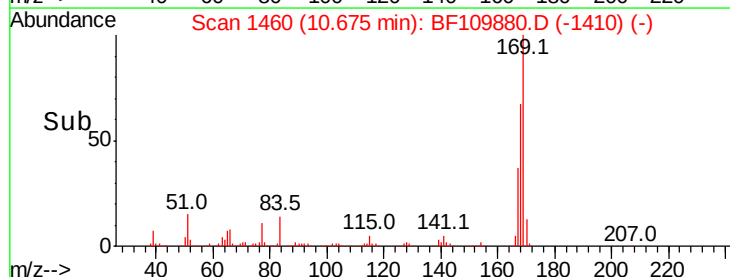
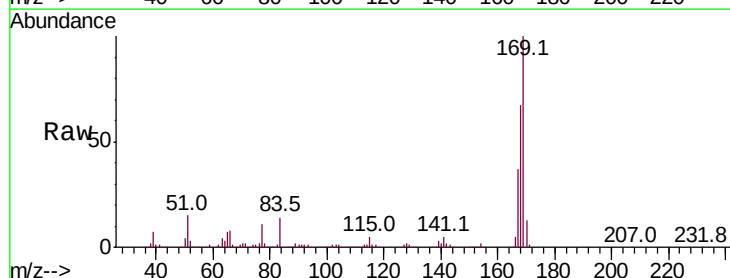
Manual Integrations
APPROVED

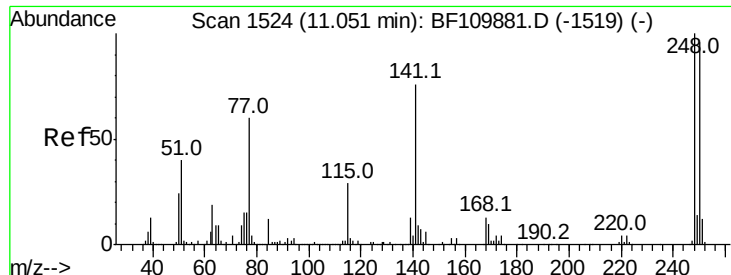
Sohil
10/16/2018 9:57:14 AM



#66
n-Nitrosodiphenylamine
Concen: 25.339 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	702619		
168	67.1	51.2	76.8	
167	36.7	27.8	41.6	





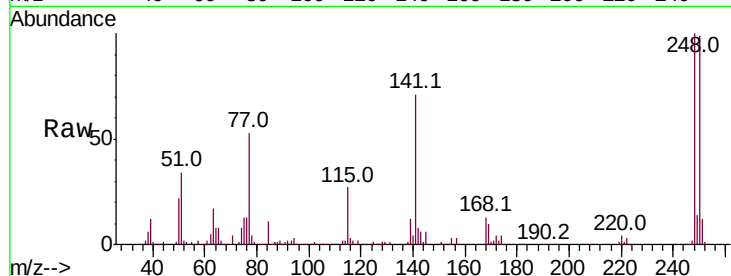
#67
 4-Bromophenyl-phenylether
 Concen: 24.465 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	70.8	55.9	83.9

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:14 AM

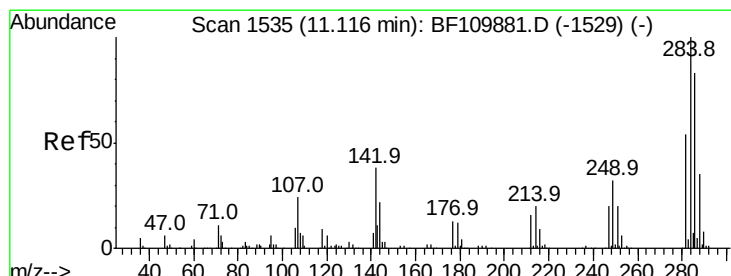
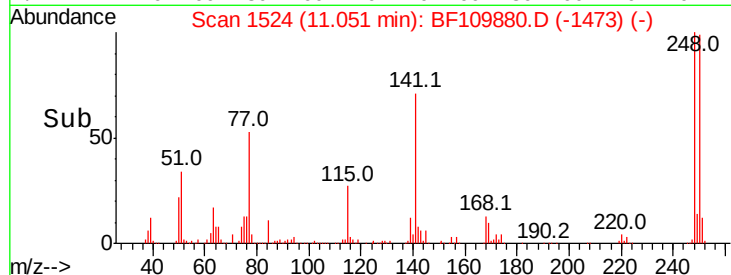
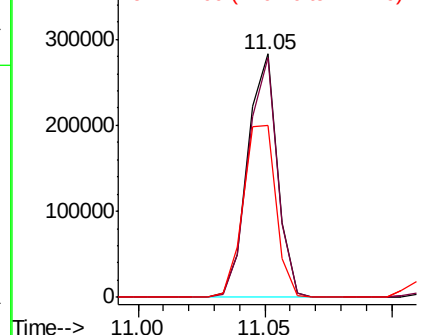


Abundance

Ion 248.00 (247.70 to 248.70): E

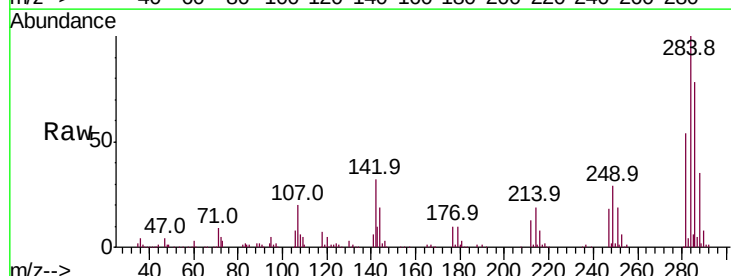
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 24.016 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.9	35.9
249	29.0	24.2	36.2

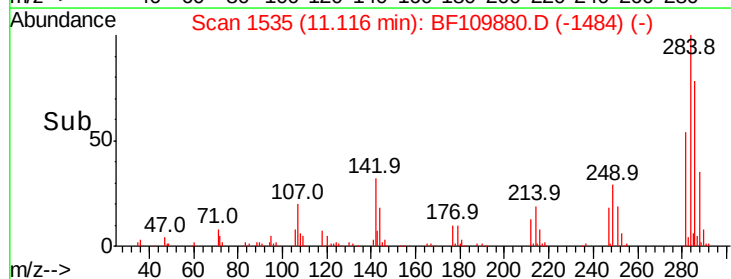
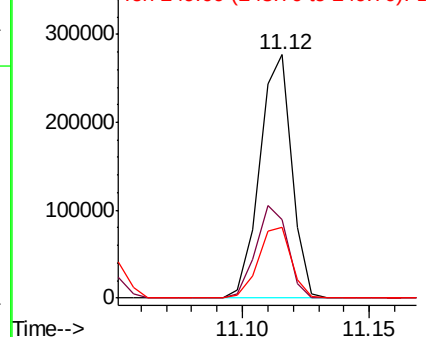


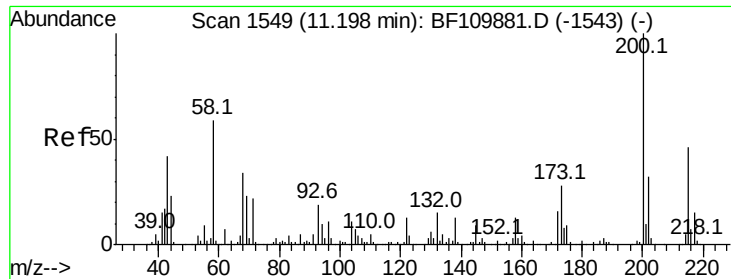
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





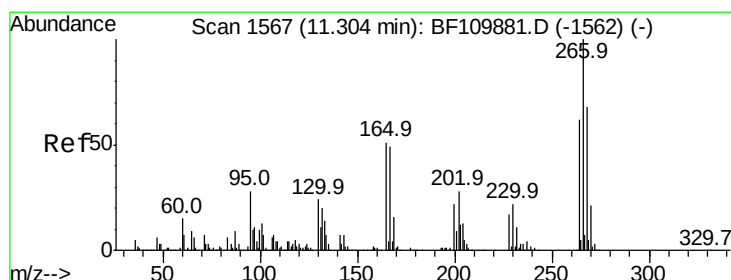
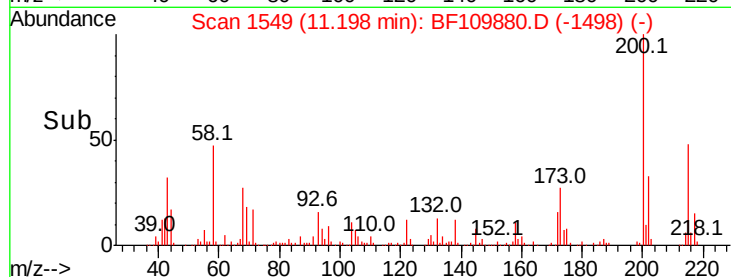
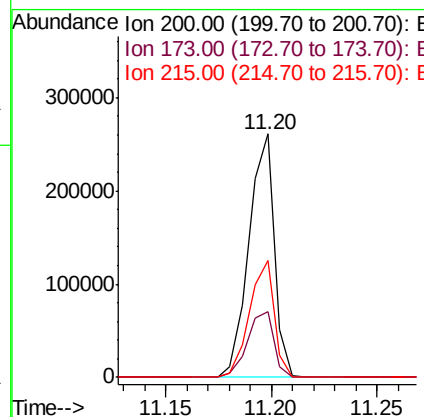
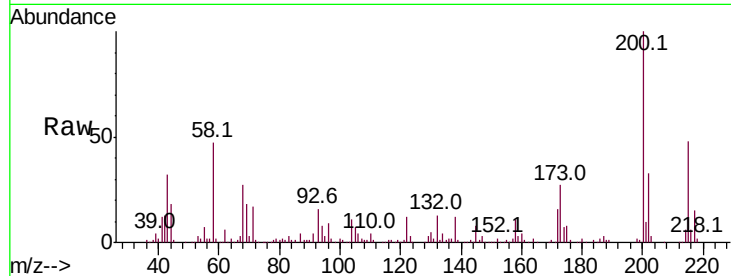
#69
Atrazine
Concen: 25.198 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.2	26.3	66.3

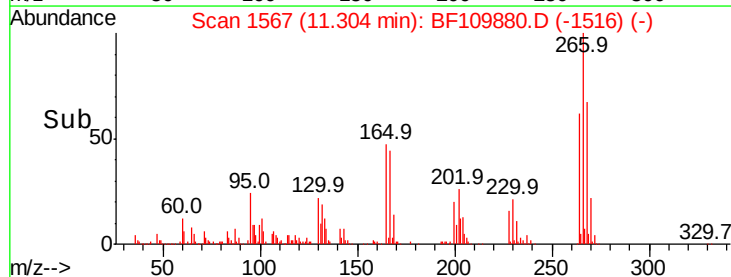
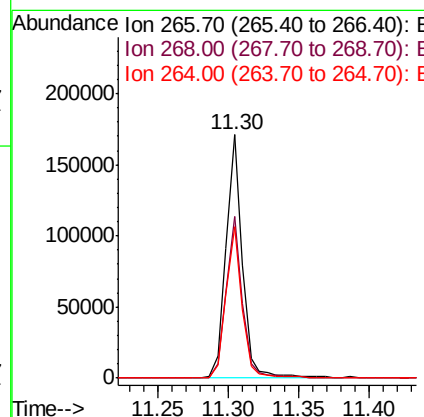
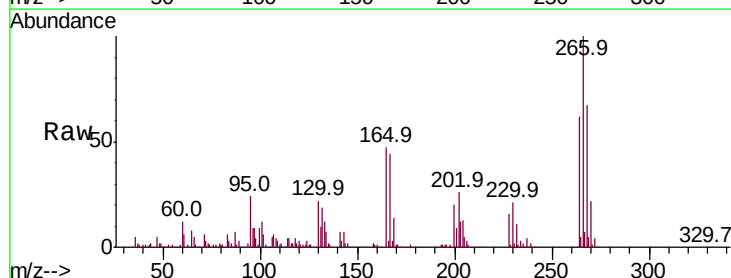
Manual Integrations
APPROVED

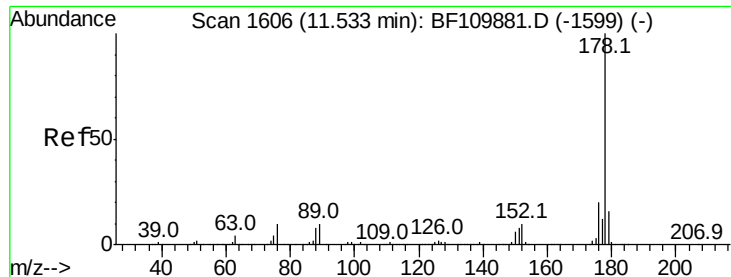
Sohil
10/16/2018 9:57:14 AM



#70
Pentachlorophenol
Concen: 24.278 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.6	75.8
264	62.3	50.6	75.8





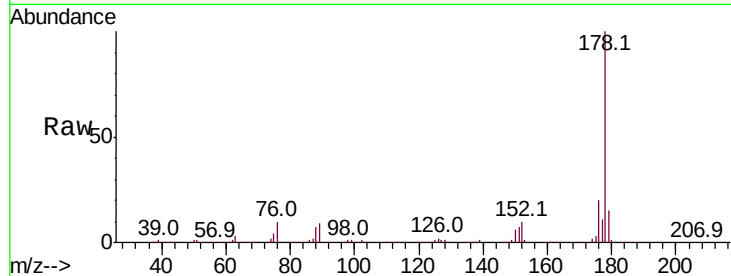
#71
Phenanthrene
Concen: 27.063 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

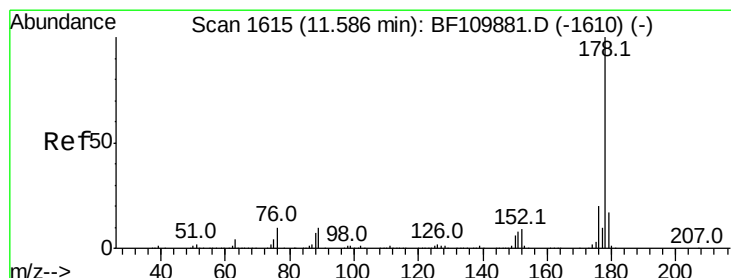
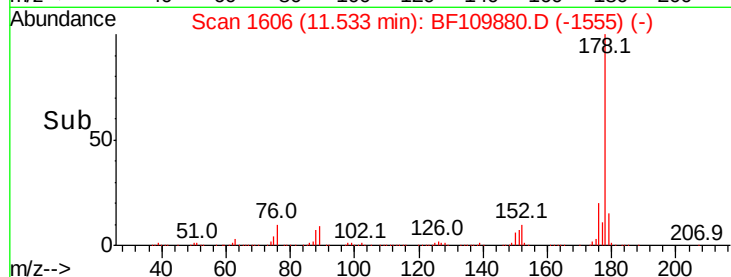
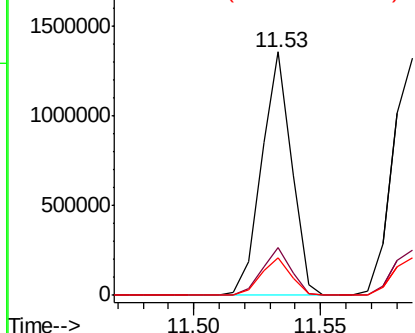
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.5	12.5	18.7

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



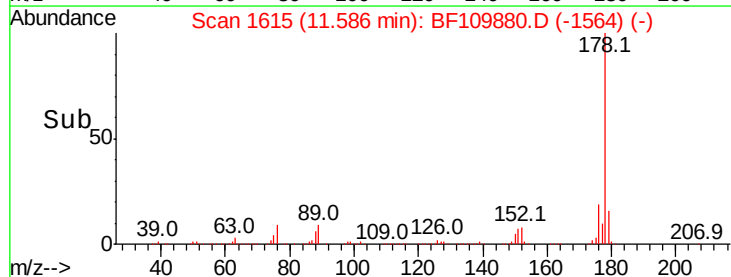
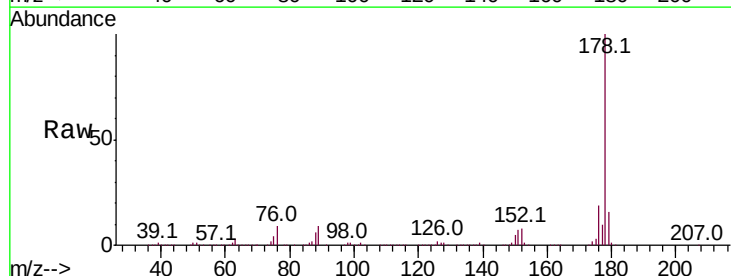
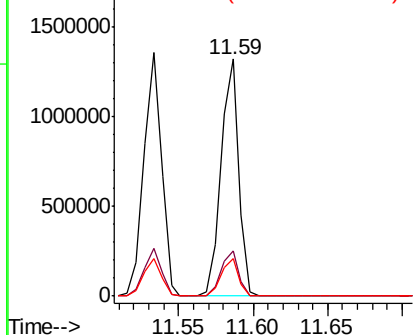
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

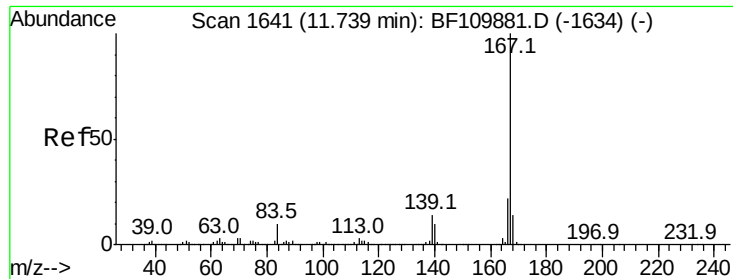


#72
Anthracene
Concen: 26.169 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	18.8

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





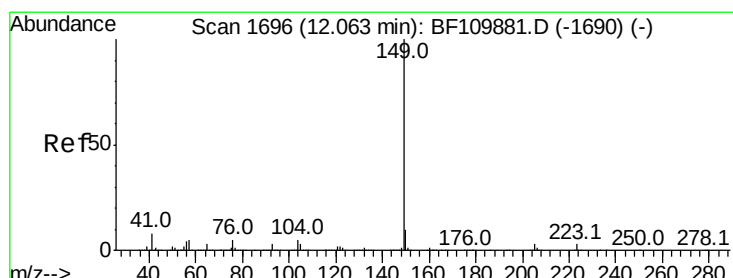
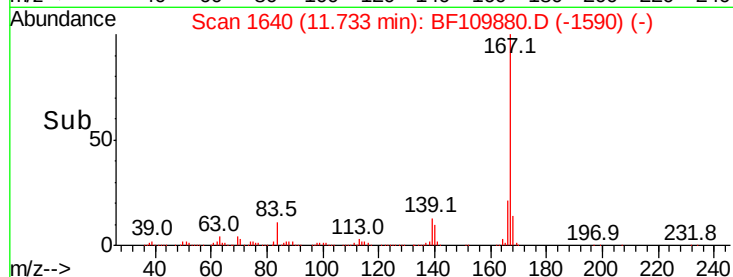
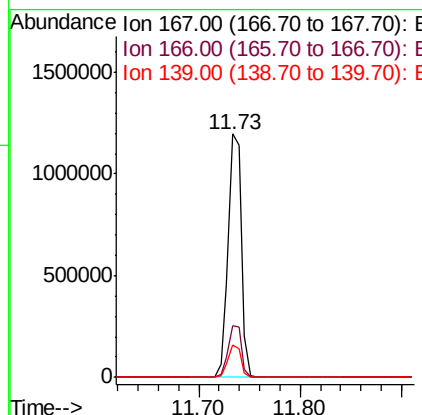
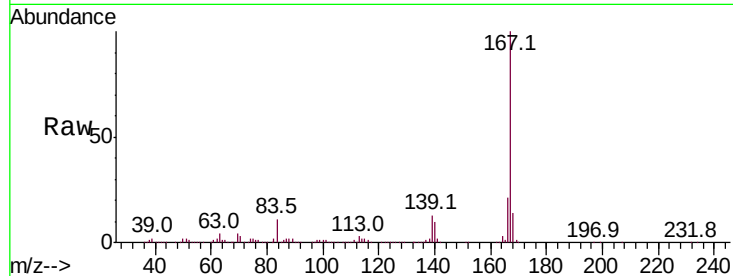
#73
 Carbazole
 Concen: 26.475 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.5	10.9	16.3

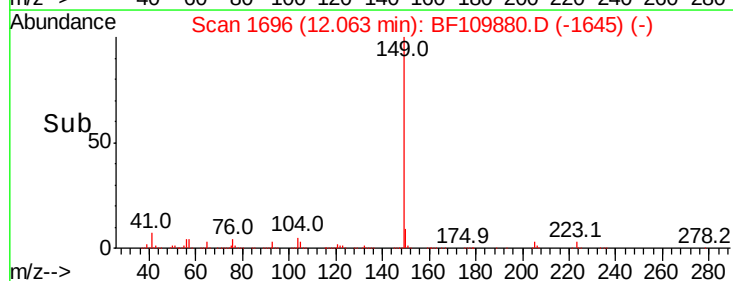
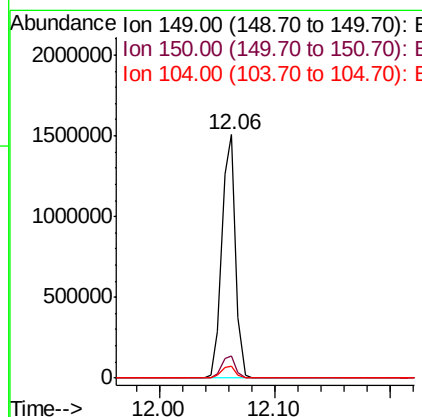
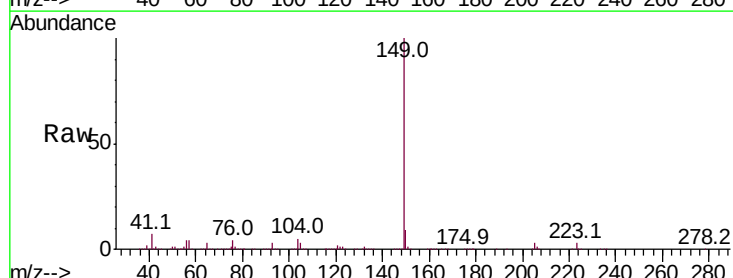
Manual Integrations
 APPROVED

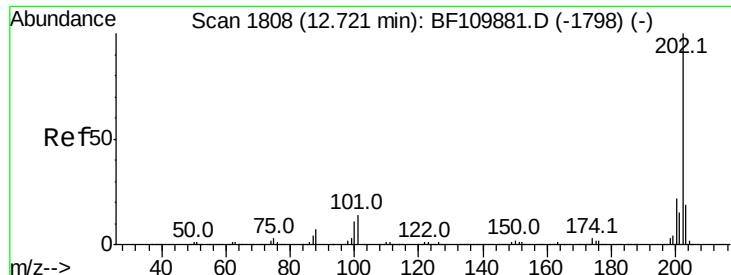
Sohil
 10/16/2018 9:57:14 AM



#74
 Di-n-butylphthalate
 Concen: 25.827 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.7	4.2	6.4





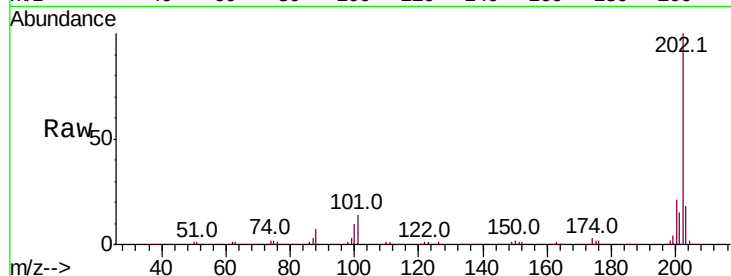
#75
Fluoranthene
 Concen: 25.912 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
APPROVED

Sohil
 10/16/2018 9:57:14 AM

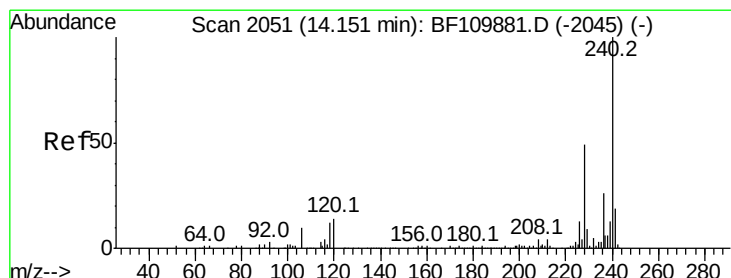
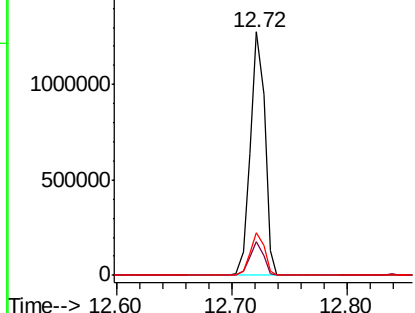
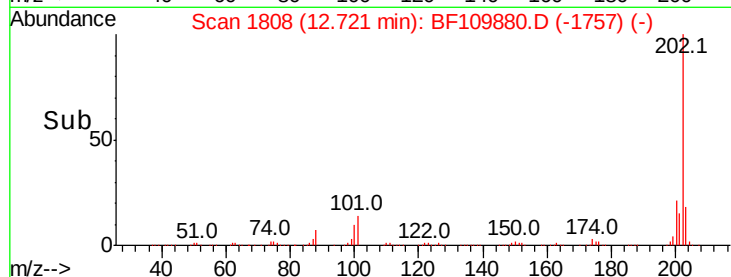


Abundance

Ion 202.00 (201.70 to 202.70): E

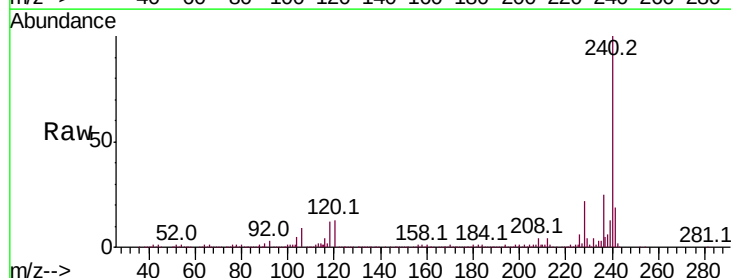
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	25.0	21.2	31.8

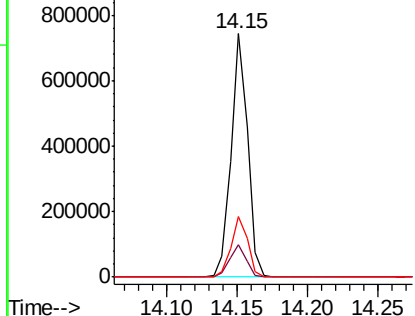
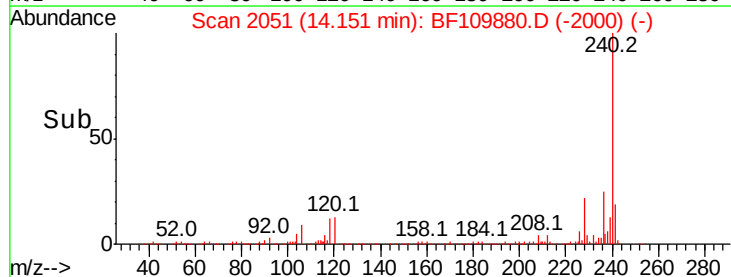


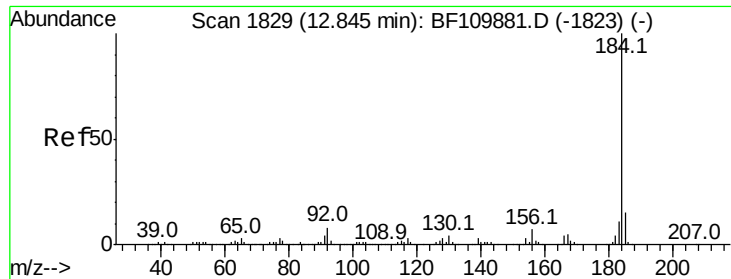
Abundance

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





#77

Benzidine

Concen: 28.490 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

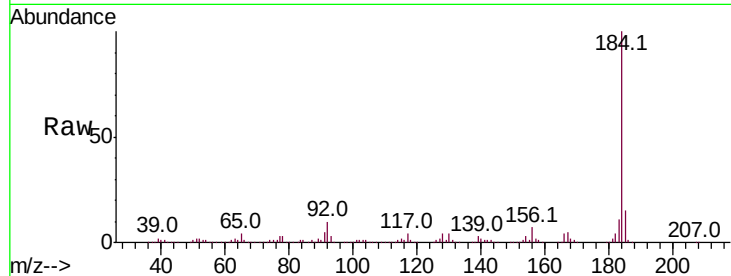
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.2
183	11.5	9.4	14.2

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

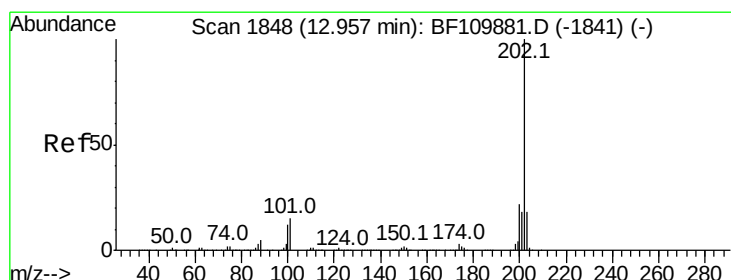
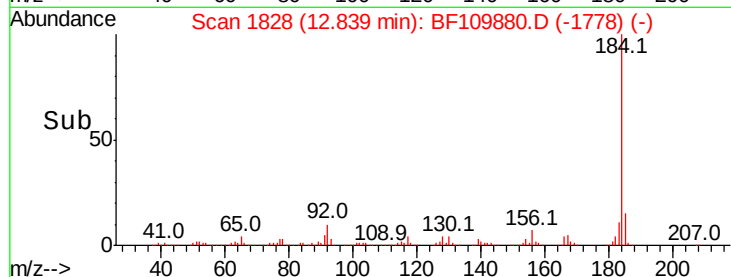
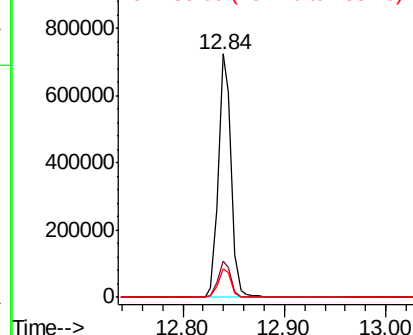


Abundance

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



#78

Pyrene

Concen: 25.799 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

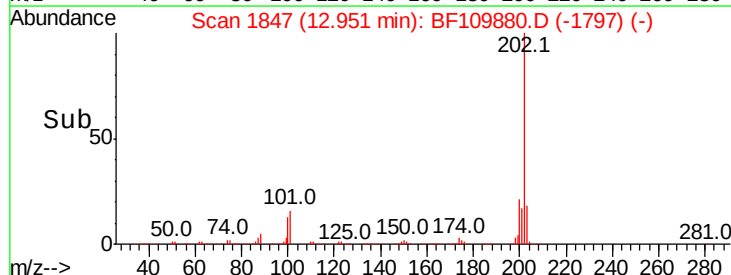
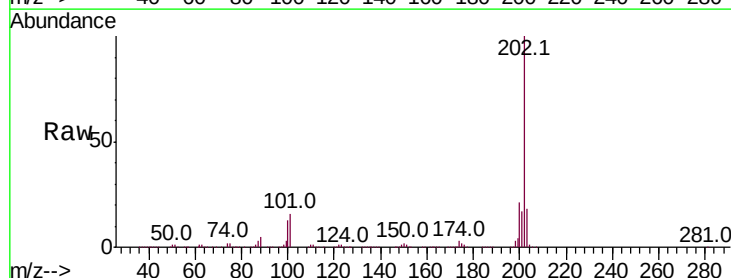
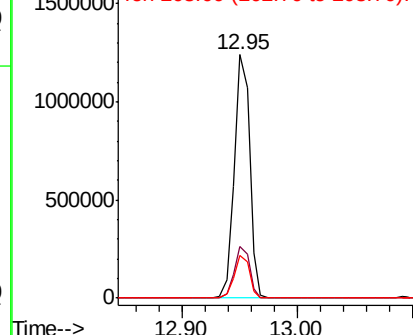
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.5	14.2	21.4

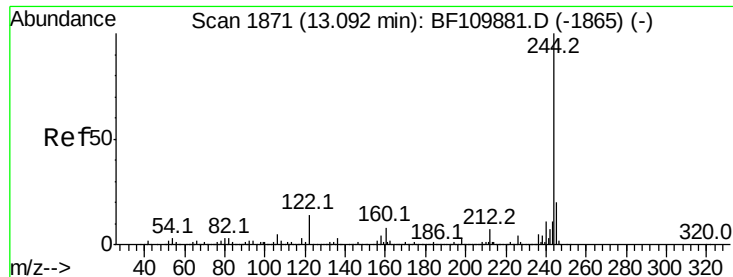
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





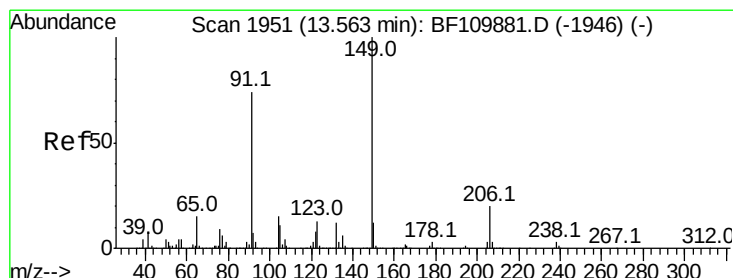
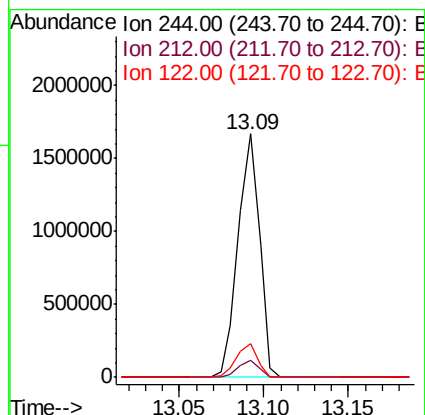
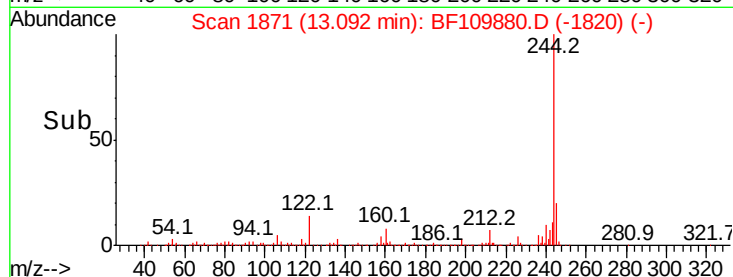
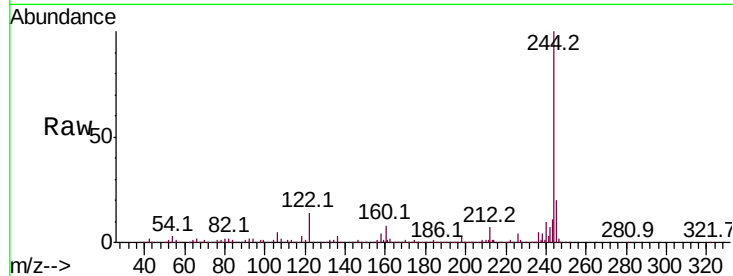
#79
 Terphenyl-d14
 Concen: 47.365 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.8	8.7	13.1

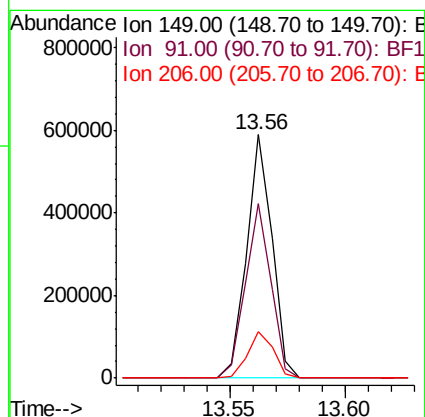
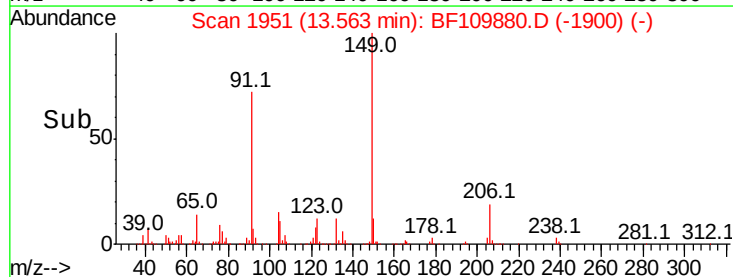
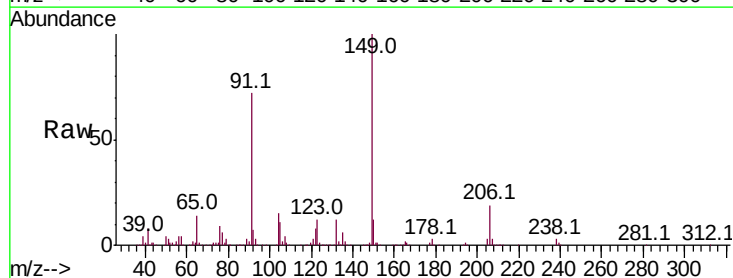
Manual Integrations
 APPROVED

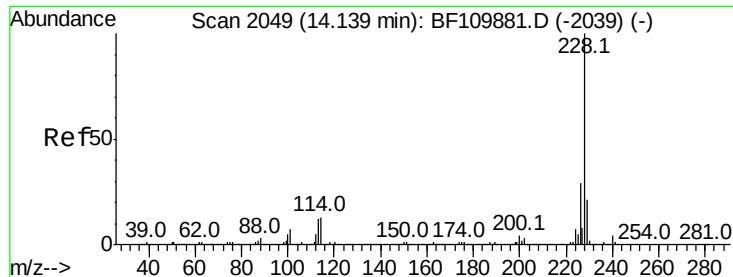
Sohil
 10/16/2018 9:57:14 AM



#80
 Butylbenzylphthalate
 Concen: 23.566 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	57.2	85.8
206	19.2	15.7	23.5





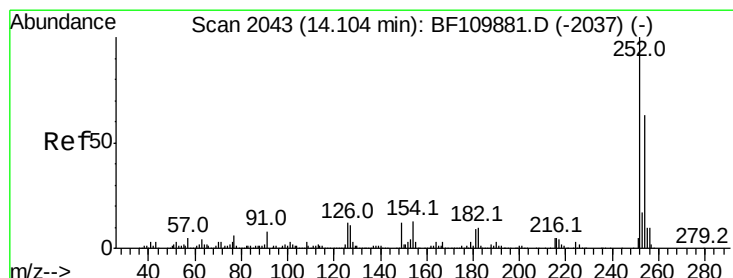
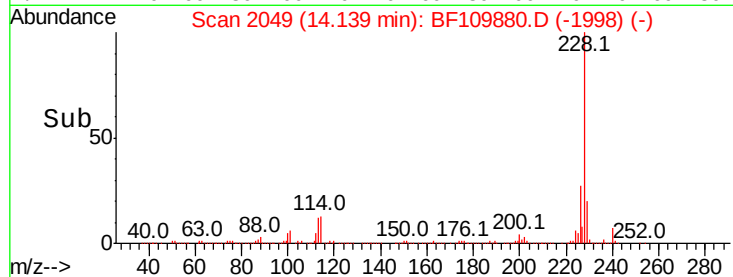
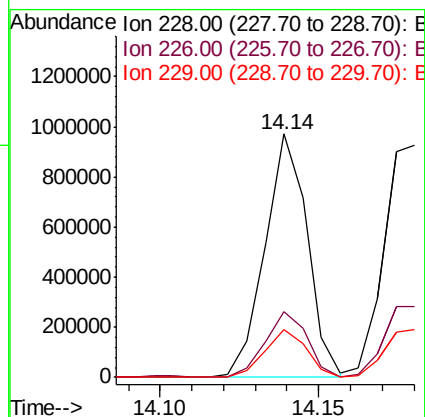
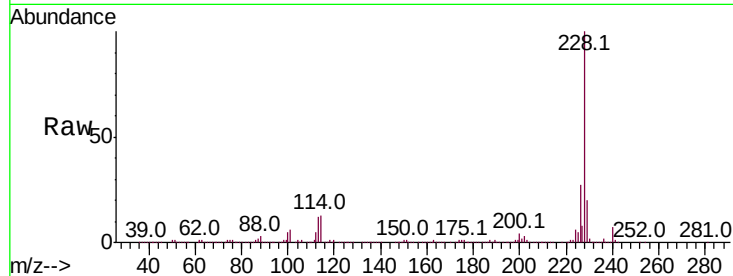
#81
Benzo(a)anthracene
Concen: 27.060 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
228	100	902890		
226	27.1		22.1	33.1
229	19.7		15.6	23.4

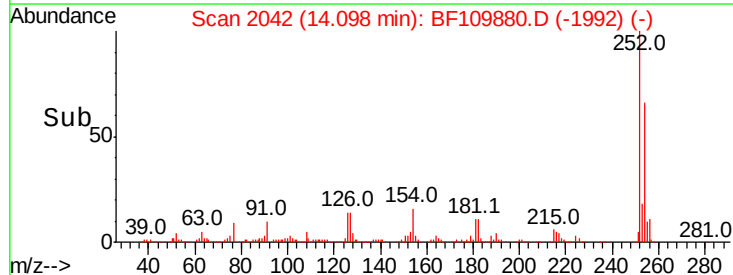
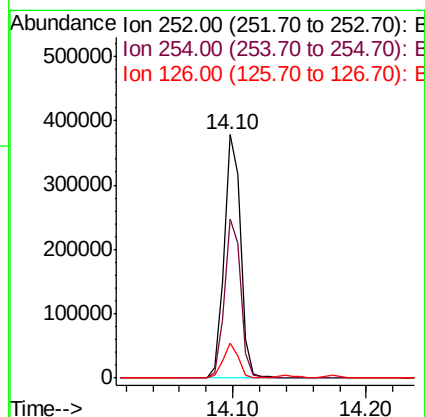
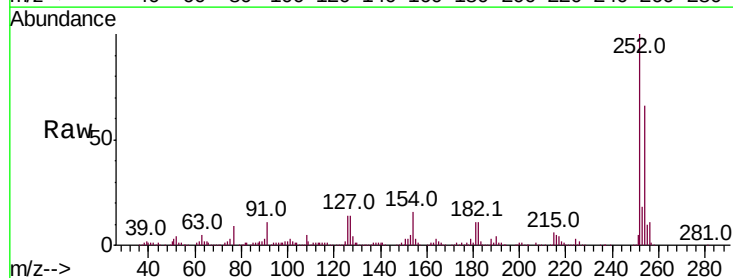
Manual Integrations
APPROVED

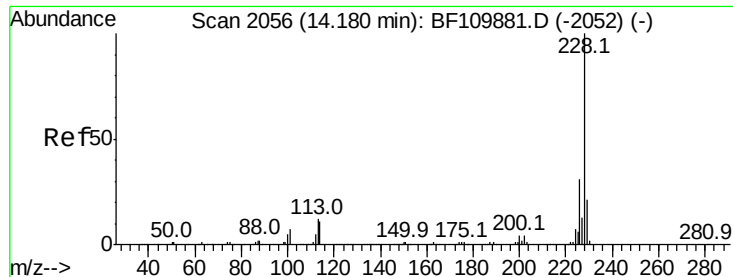
Sohil
10/16/2018 9:57:14 AM



#82
3,3'-Dichlorobenzidine
Concen: 24.588 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	330341		
254	65.5		51.3	76.9
126	14.5		9.4	14.2#





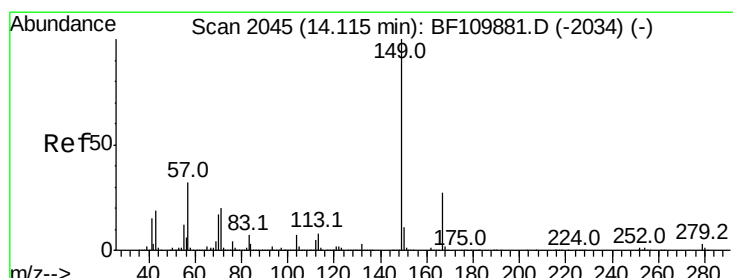
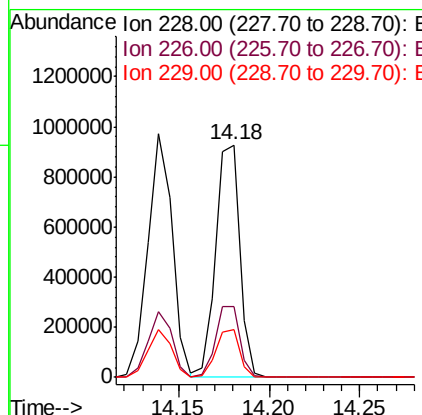
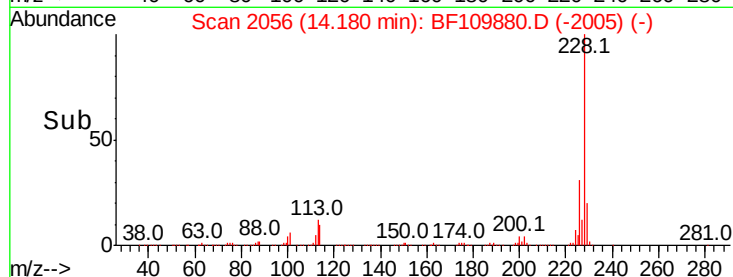
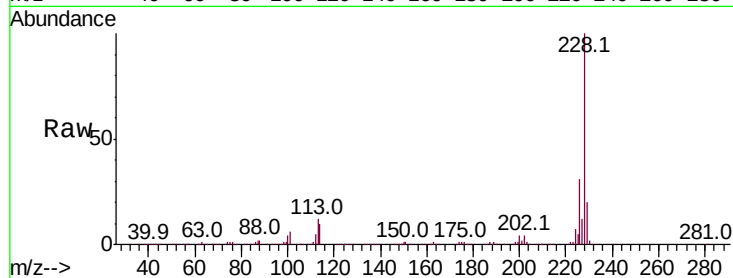
#83
 Chrysene
 Concen: 24.460 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.4	15.9	23.9

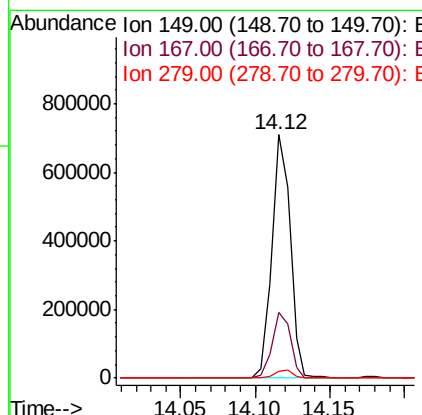
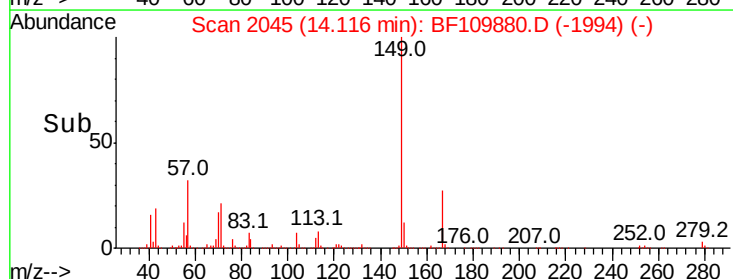
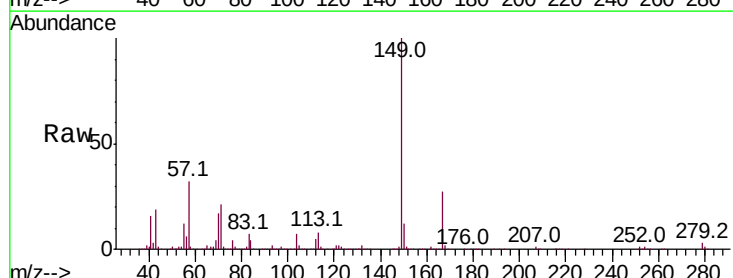
Manual Integrations
 APPROVED

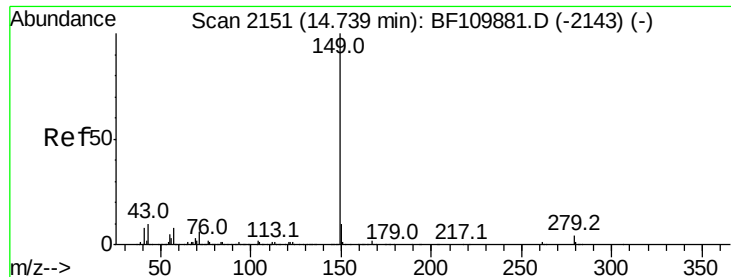
Sohil
 10/16/2018 9:57:14 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 25.692 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF109880.D
 Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	2.8	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 22.758 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

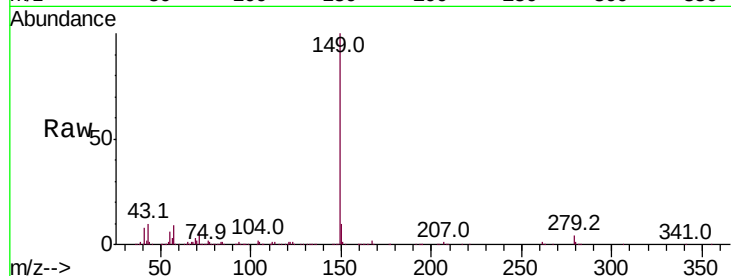
ClientSampleId :

SSTDICC025

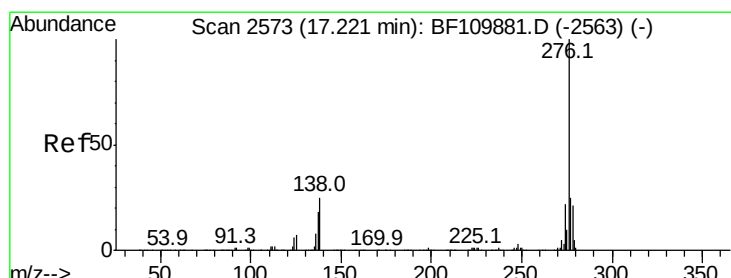
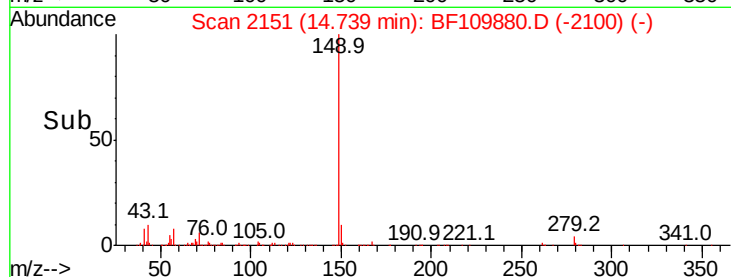
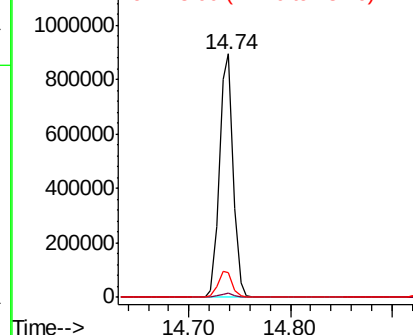
Tot Ion:	149	Resp:	842919
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	11.1	7.8	11.8

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 24.310 ng

RT: 17.22 min Scan# 2573

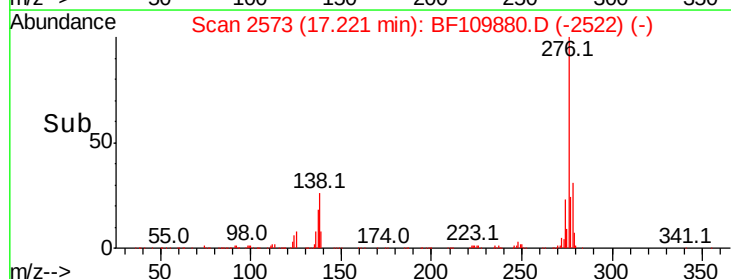
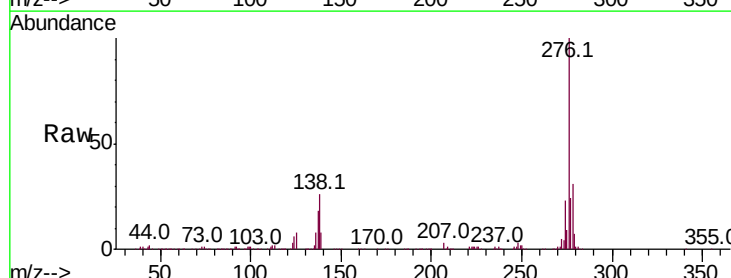
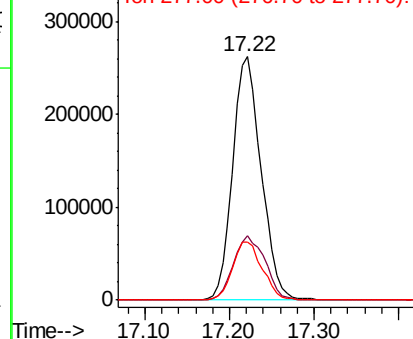
Delta R.T. 0.00 min

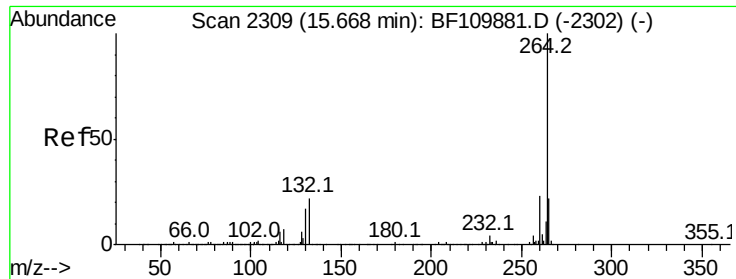
Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Tgt Ion:	276	Resp:	609829
Ion Ratio	Lower	Upper	
276	100		
138	29.5	18.5	27.7#
277	24.9	20.0	30.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

Instrument :

BNA_F

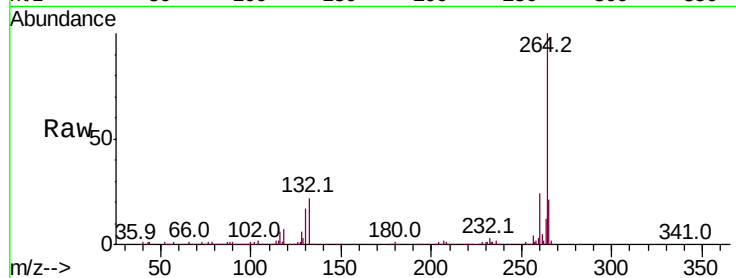
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	20.8	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

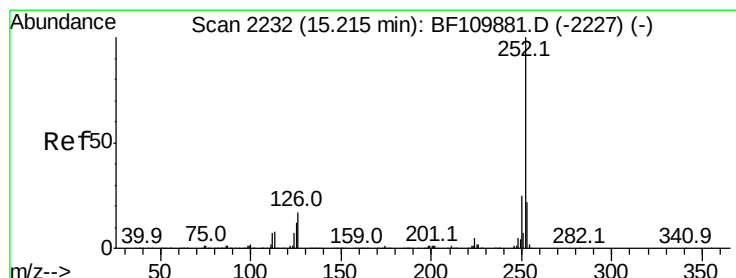
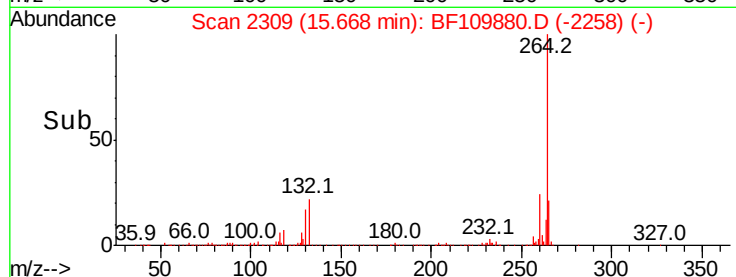
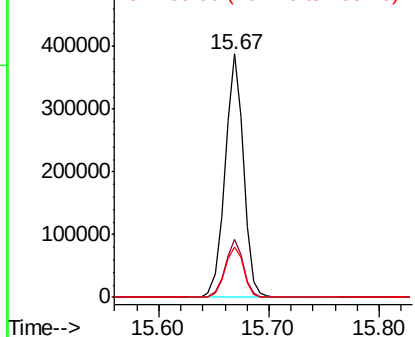


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 26.236 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF109880.D

Acq: 15 Oct 2018 15:45

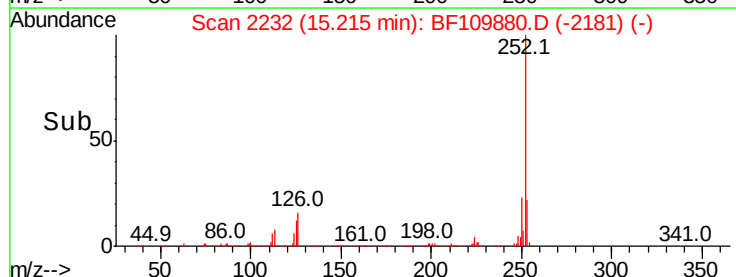
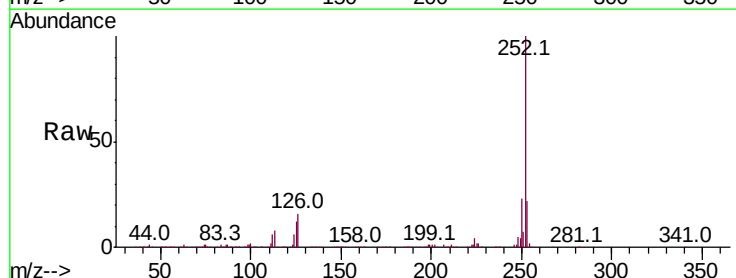
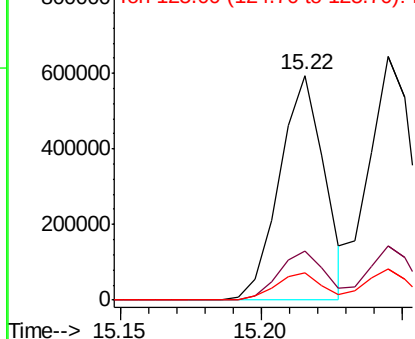
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.1	8.2	12.4

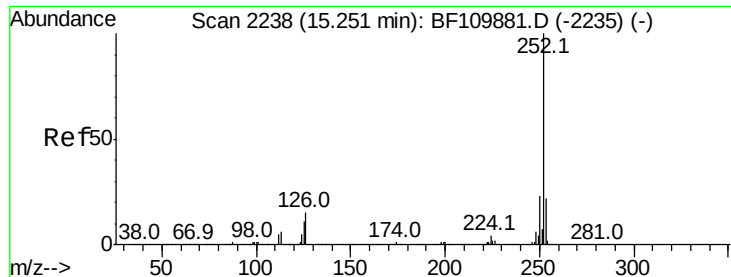
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





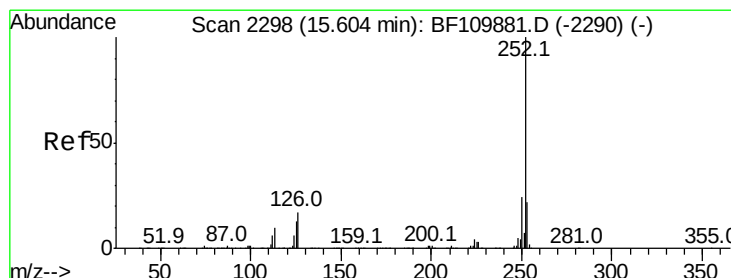
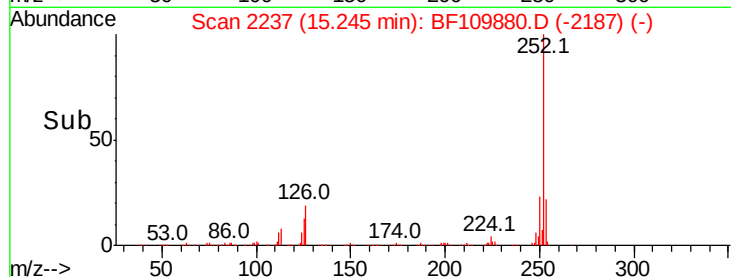
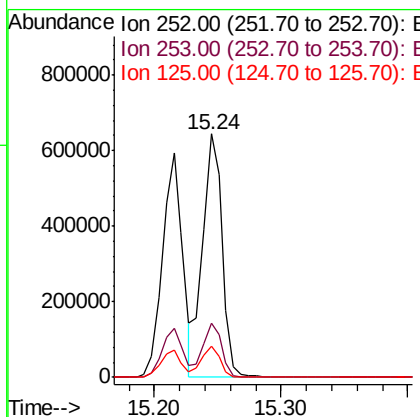
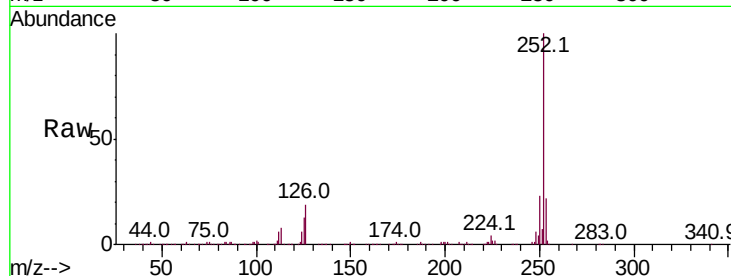
#89
Benzo(k)fluoranthene
Concen: 27.416 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
252	100	688398		
253	22.2		17.2	25.8
125	12.9		7.4	11.0

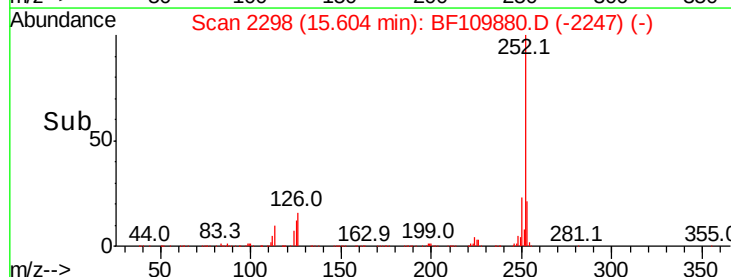
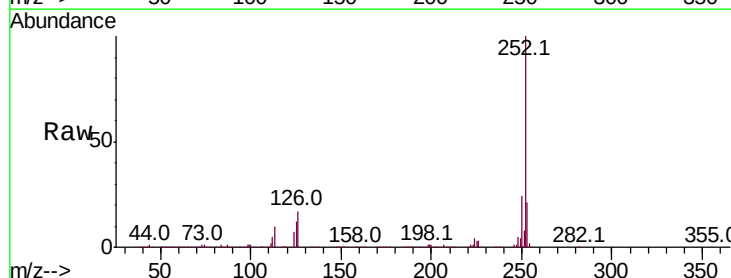
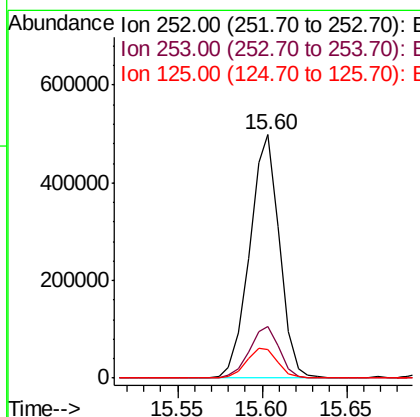
Manual Integrations
APPROVED

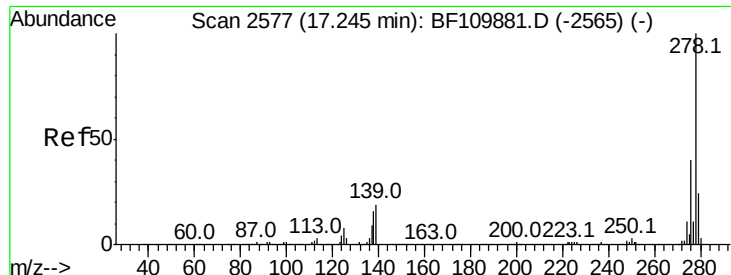
Sohil
10/16/2018 9:57:14 AM



#90
Benzo(a)pyrene
Concen: 27.095 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	614473		
253	21.3		18.2	27.4
125	12.0		9.0	13.6





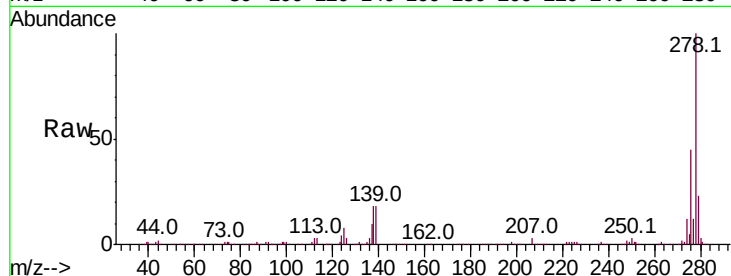
#91
Dibenzo(a,h)anthracene
Concen: 27.358 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

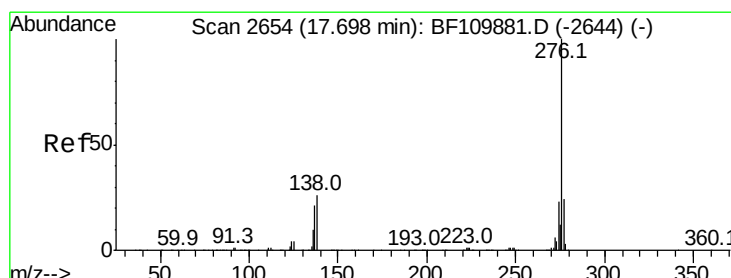
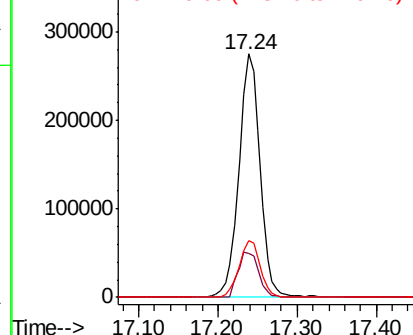
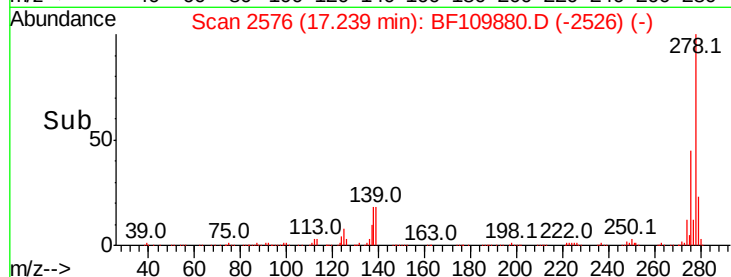
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:14 AM

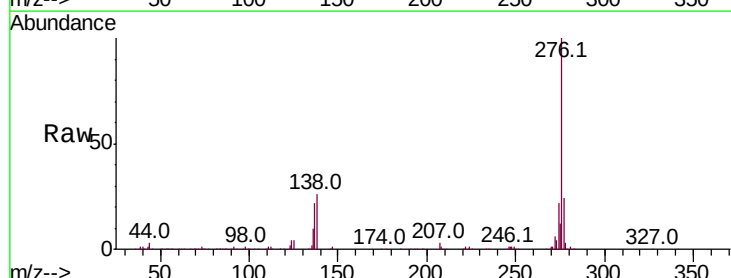


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 27.020 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.01 min
Lab File: BF109880.D
Acq: 15 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	26.1	16.0	24.0#



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

