

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109883.D
 Acq On : 15 Oct 2018 17:05
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:21 AM

Quant Time: Oct 15 17:35:24 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	6.98	152	243527	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	977651	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	447297	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	820658	20.00	ng	0.00
76) Chrysene-d12	14.16	240	563116	20.00	ng	0.00
87) Perylene-d12	15.67	264	446578	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1701785	124.04	ng	0.00
7) Phenol-d6	6.60	99	2094771	114.29	ng	0.00
23) Nitrobenzene-d5	7.55	82	1800387	101.51	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	447766	91.87	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2915877	89.78	ng	0.00
79) Terphenyl-d14	13.10	244	2814963	96.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	504955	70.129	ng	92
3) Pyridine	3.62	79	1142668	76.921	ng	90
4) n-Nitrosodimethylamine	3.59	42	473267	88.265	ng	# 98
6) Aniline	6.65	93	1484757	69.543	ng	# 53
8) 2-Chlorophenol	6.76	128	953853	56.531	ng	96
9) Benzaldehyde	6.53	77	599546	50.835	ng	96
10) Phenol	6.62	94	1135993	54.053	ng	# 60
11) bis(2-Chloroethyl)ether	6.72	93	953220	54.709	ng	93
12) 1,3-Dichlorobenzene	6.92	146	1038969	53.836	ng	98
13) 1,4-Dichlorobenzene	7.00	146	1040254	49.449	ng	97
14) 1,2-Dichlorobenzene	7.15	146	948365	51.333	ng	99
15) Benzyl Alcohol	7.12	79	830592	61.130	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1566042	67.785	ng	68
17) 2-Methylphenol	7.22	107	786213	58.922	ng	# 82
18) Hexachloroethane	7.49	117	384245	51.675	ng	94
19) n-Nitroso-di-n-propylamine	7.40	70	663045	51.587	ng	97
20) 3+4-Methylphenols	7.37	107	949964	57.777	ng	92
22) Acetophenone	7.39	105	1226870	51.895	ng	97
24) Nitrobenzene	7.56	77	970003	52.560	ng	97
25) Isophorone	7.80	82	1634832	55.510	ng	95
26) 2-Nitrophenol	7.87	139	436268	50.539	ng	96
27) 2,4-Dimethylphenol	7.90	122	790322	63.401	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	1101040	55.270	ng	99
29) 2,4-Dichlorophenol	8.11	162	783489	56.035	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	845456	54.622	ng	95
31) Naphthalene	8.29	128	2444315	54.061	ng	98
32) Benzoic acid	8.03	122	551800m	61.914	ng	
33) 4-Chloroaniline	8.33	127	1119582	56.230	ng	98
34) Hexachlorobutadiene	8.40	225	461298	47.933	ng	98
35) Caprolactam	8.72	113	282360	67.620	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	808729	54.794	ng	94
37) 2-Methylnaphthalene	8.97	142	1592448	53.769	ng	98
38) 1-Methylnaphthalene	9.07	142	1539183	52.276	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	754844	49.576	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109883.D
 Acq On : 15 Oct 2018 17:05
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

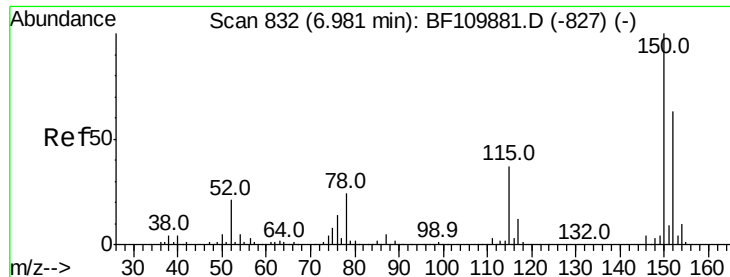
Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:21 AM

Quant Time: Oct 15 17:35:24 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	9.13	237	412167	74.180	nq	100
43) 2,4,6-Trichlorophenol	9.25	196	508139	55.827	nq	93
44) 2,4,5-Trichlorophenol	9.29	196	537336	51.343	nq	96
46) 1,1'-Biphenyl	9.45	154	2127497	53.242	nq	98
47) 2-Chloronaphthalene	9.47	162	1611360	53.825	nq	97
48) 2-Nitroaniline	9.56	65	494875	54.593	nq	94
49) Acenaphthylene	9.89	152	2332679	53.447	nq	96
50) Dimethylphthalate	9.74	163	1778072	54.201	nq	98
51) 2,6-Dinitrotoluene	9.80	165	386171	54.306	nq	97
52) Acenaphthene	10.06	154	1501395	58.031	nq	99
53) 3-Nitroaniline	9.97	138	471556	59.158	nq	95
54) 2,4-Dinitrophenol	10.07	184	111874	48.762	nq	# 84
55) Dibenzofuran	10.23	168	2099887	54.146	nq	99
56) 4-Nitrophenol	10.12	139	365270	83.717	nq	95
57) 2,4-Dinitrotoluene	10.20	165	479253	54.005	nq	96
58) Fluorene	10.57	166	1511688	52.196	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	429054	50.434	nq	95
60) Diethylphthalate	10.44	149	1732927	53.315	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	777329	50.875	nq	98
62) 4-Nitroaniline	10.59	138	446066	60.426	nq	94
63) Azobenzene	10.72	77	1773230	53.723	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	186978	46.811	nq	96
66) n-Nitrosodiphenylamine	10.68	169	1509346	54.253	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	493971	52.386	nq	91
68) Hexachlorobenzene	11.12	284	526178	51.532	nq	# 89
69) Atrazine	11.20	200	479195	55.192	nq	99
70) Pentachlorophenol	11.31	266	345329	60.103	nq	97
71) Phenanthrene	11.54	178	2269781	55.268	nq	97
72) Anthracene	11.59	178	2293239	54.017	nq	98
73) Carbazole	11.74	167	2311464	56.137	nq	98
74) Di-n-butylphthalate	12.06	149	2519348	52.754	nq	98
75) Fluoranthene	12.73	202	2323296	54.151	nq	97
77) Benzidine	12.85	184	1117005	53.398	nq	98
78) Pyrene	12.96	202	2384306	57.791	nq	99
80) Butylbenzylphthalate	13.57	149	1039998	58.141	nq	97
81) Benzo(a)anthracene	14.14	228	1911189	61.502	nq	96
82) 3,3'-Dichlorobenzidine	14.10	252	649505	51.908	nq	99
83) Chrysene	14.19	228	1761371	53.962	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	1313355	60.181	nq	# 94
85) Di-n-octyl phthalate	14.74	149	1914528	55.502	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	1594002	68.228	nq	# 93
88) Benzo(b)fluoranthene	15.22	252	1482374	60.067	nq	98
89) Benzo(k)fluoranthene	15.25	252	1447071	58.359	nq	# 95
90) Benzo(a)pyrene	15.61	252	1389044	62.024	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	1333376	72.494	nq	98
92) Benzo(g,h,i)perylene	17.71	276	1368331	74.500	nq	# 94

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



#1

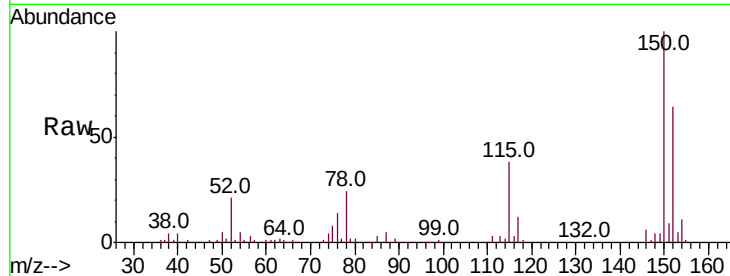
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.7	184.1
115	59.1	49.1	73.7

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM

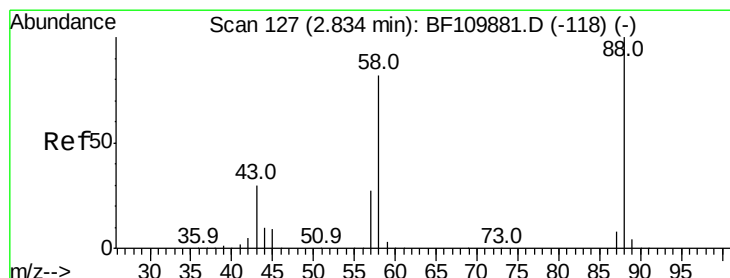
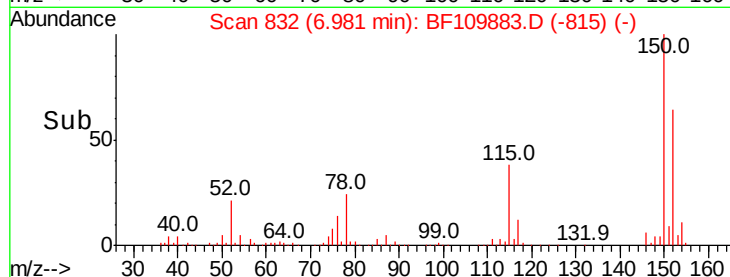
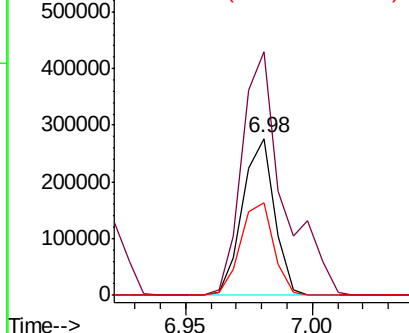


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

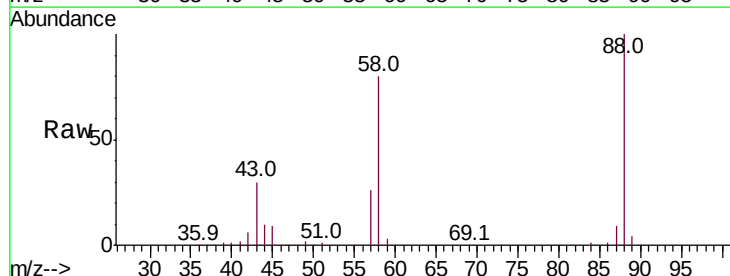
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 70.129 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	30.5	24.1	36.1

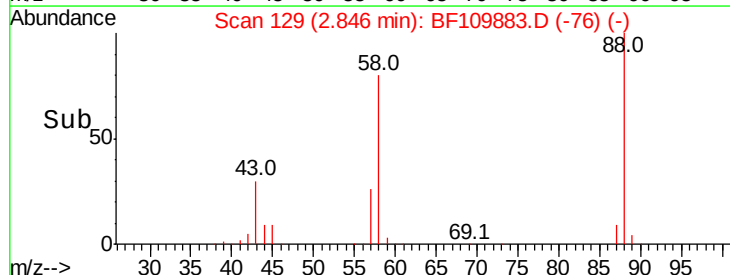
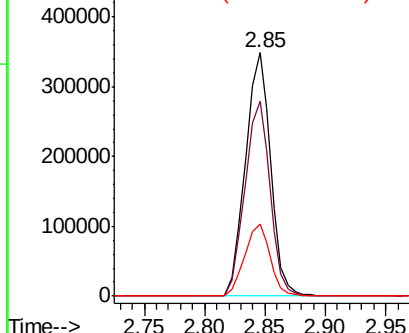


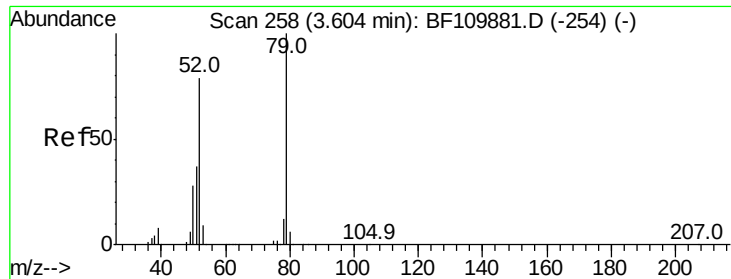
Abundance

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: 76.921 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1142668

Ion Ratio Lower Upper

79 100

52 76.9 53.1 79.7

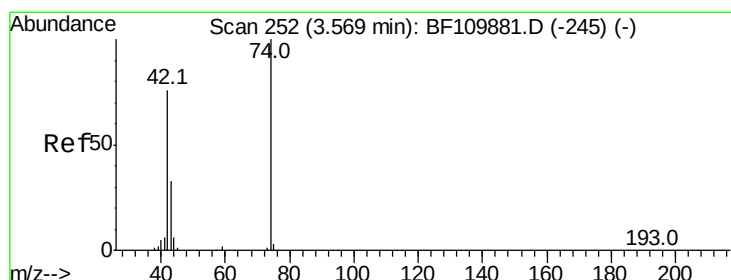
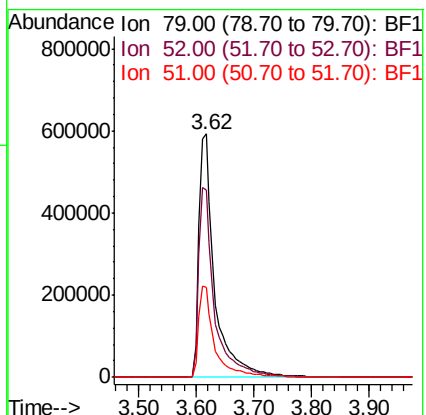
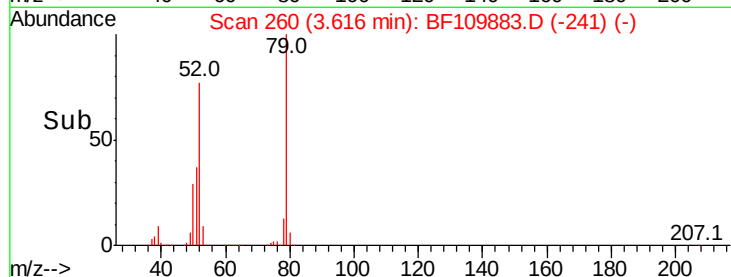
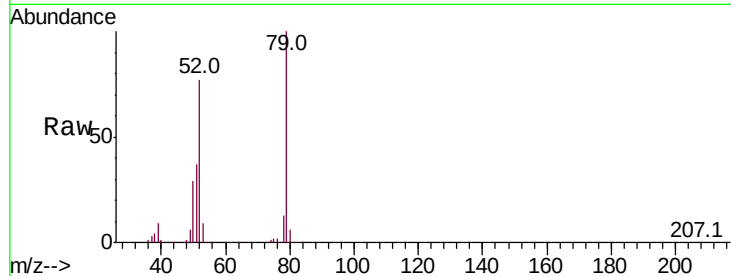
51 37.0 27.4 41.2

Manual Integrations

APPROVED

Sohil

10/16/2018 9:57:21 AM



#4

n-Nitrosodimethylamine

Concen: 88.265 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.02 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

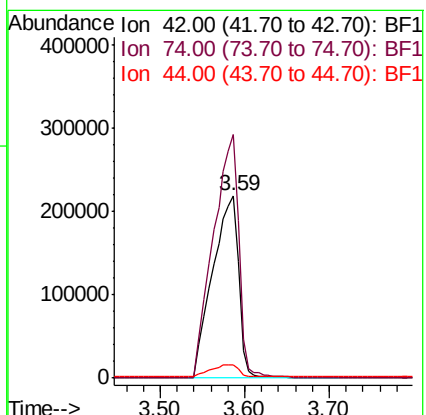
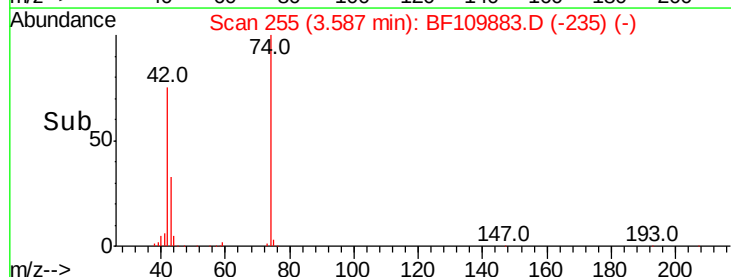
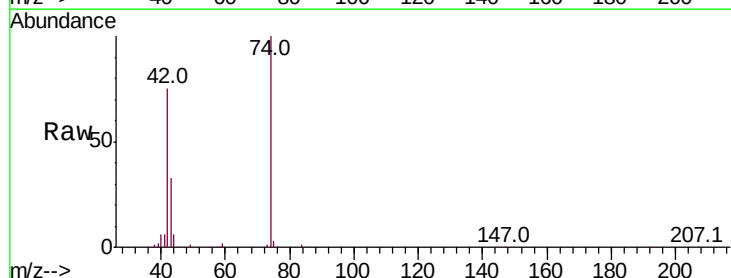
Tgt Ion: 42 Resp: 473267

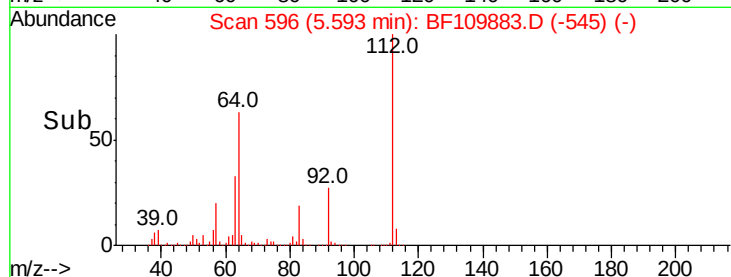
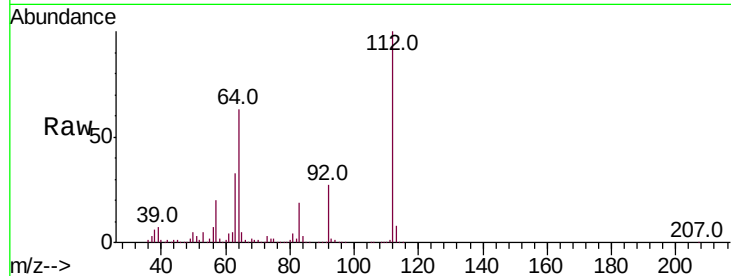
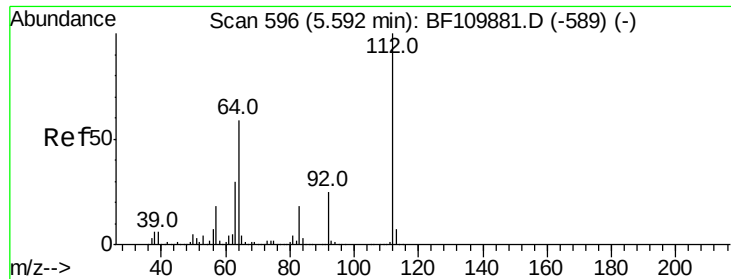
Ion Ratio Lower Upper

42 100

74 133.5 105.5 158.3

44 7.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 124.041 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:112 Resp: 1701785

Ion Ratio Lower Upper

112 100

64 62.7 44.1 66.1

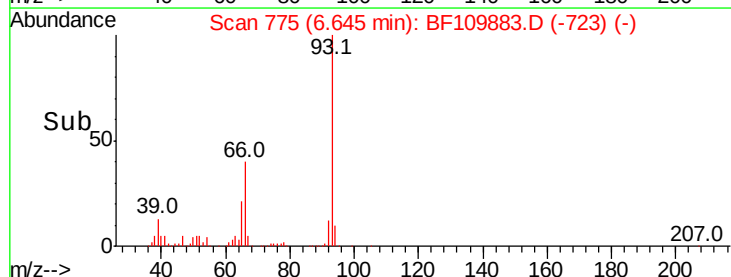
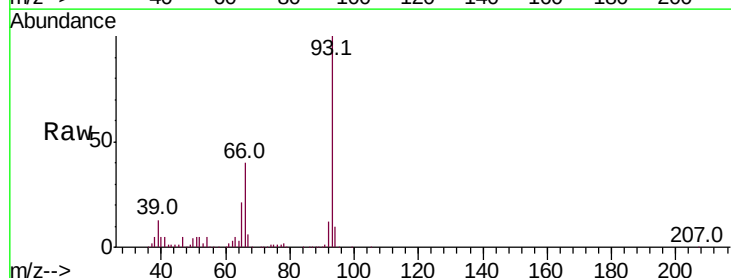
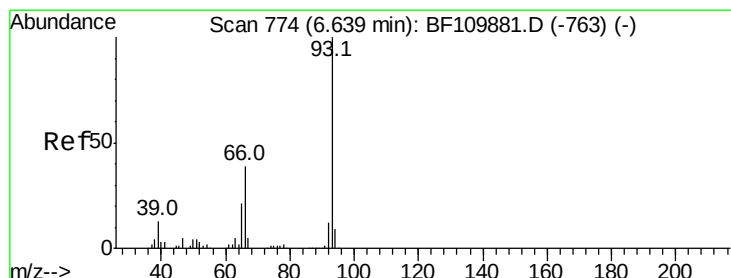
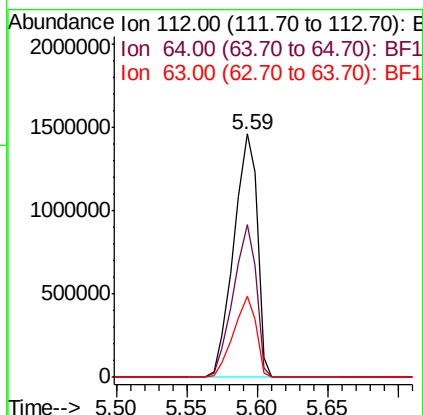
63 33.1 23.7 35.5

Manual Integrations

APPROVED

Sohil

10/16/2018 9:57:21 AM



#6

Aniline

Concen: 69.543 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

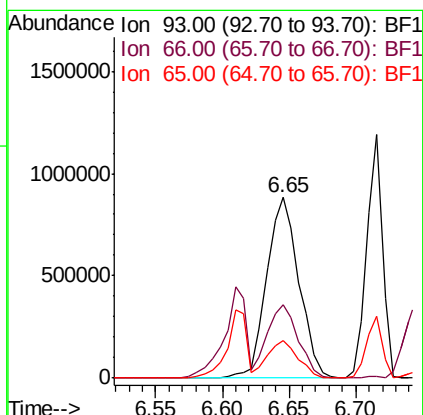
Tgt Ion: 93 Resp: 1484757

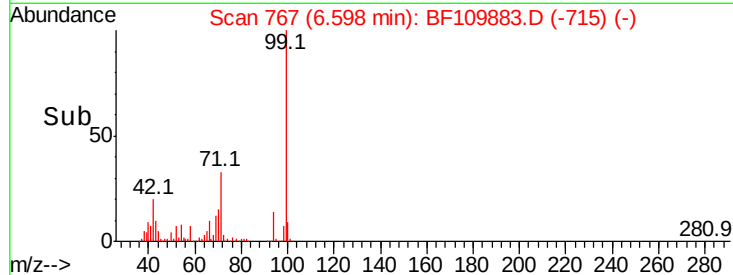
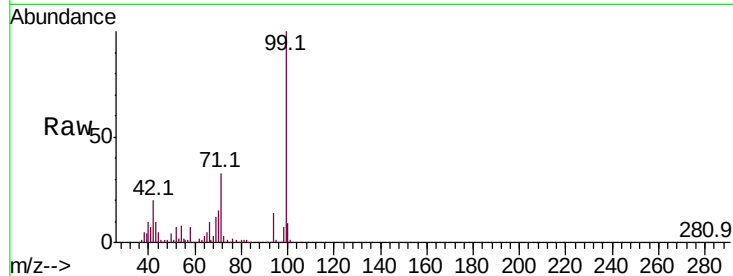
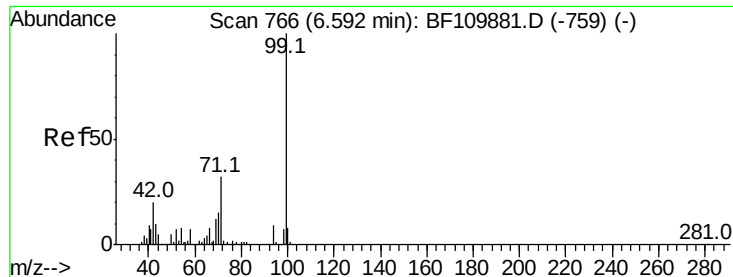
Ion Ratio Lower Upper

93 100

66 40.3 67.4 101.0#

65 20.8 41.0 61.4#





#7

Phenol-d6

Concen: 114.295 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Tot Ion	99	Resp	2094771
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	33.1	28.0	42.0

Instrument :

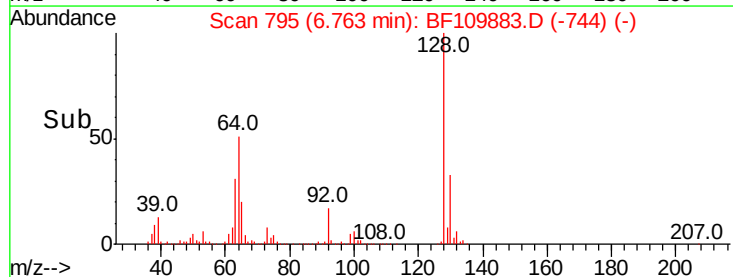
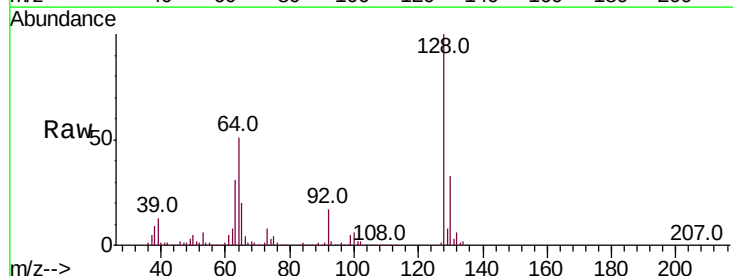
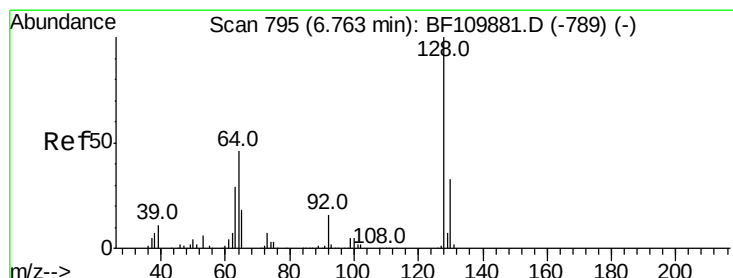
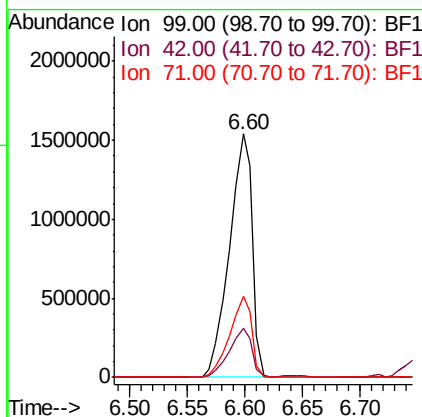
BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



#8

2-Chlorophenol

Concen: 56.531 ng

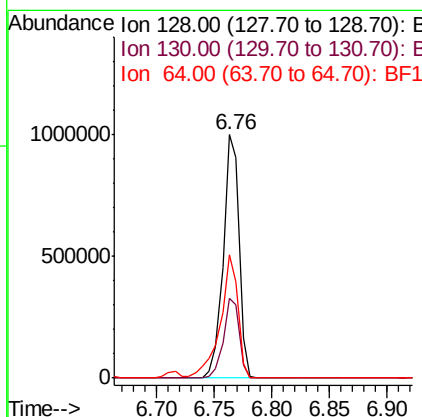
RT: 6.76 min Scan# 795

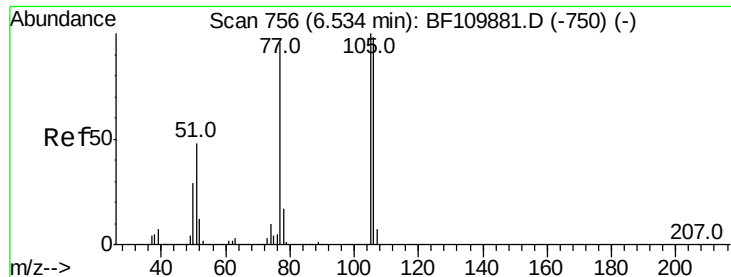
Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Tgt Ion	128	Resp	953853
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.1	53.1
64	50.7	26.0	66.0





#9

Benzaldehyde

Concen: 50.835 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

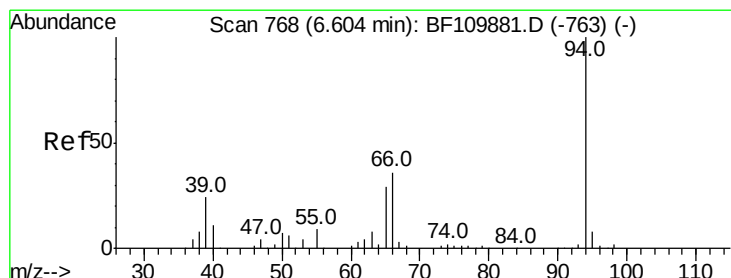
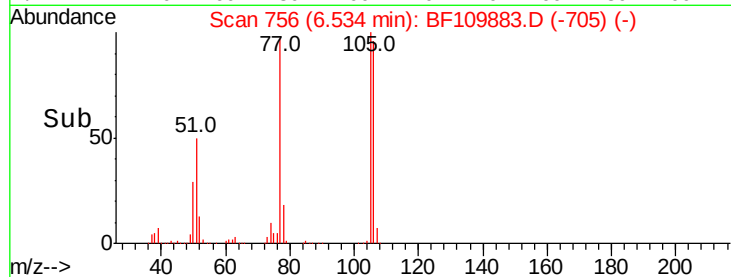
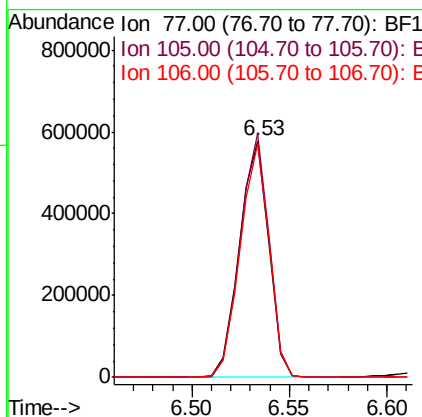
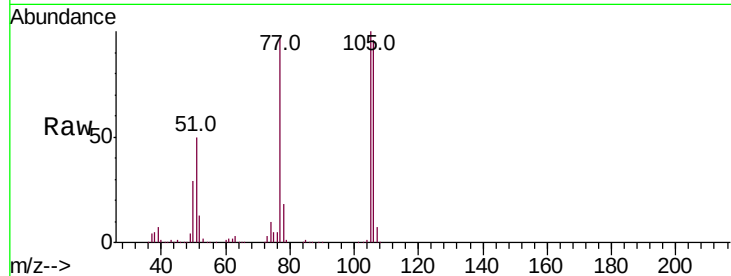
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	599546
Ion	Ratio	Lower	Upper
77	100		
105	102.9	78.6	118.6
106	98.8	74.8	114.8

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



#10

Phenol

Concen: 54.053 ng

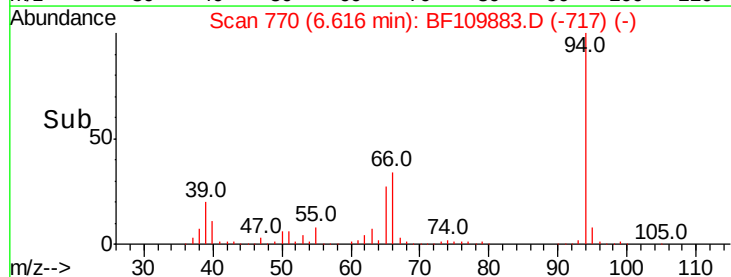
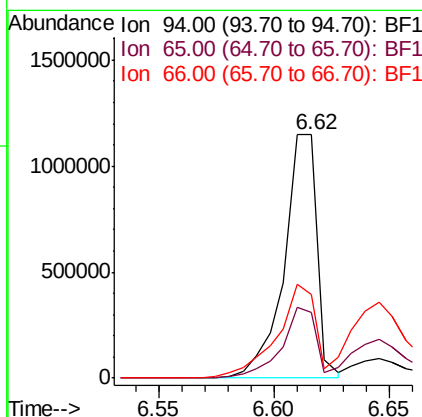
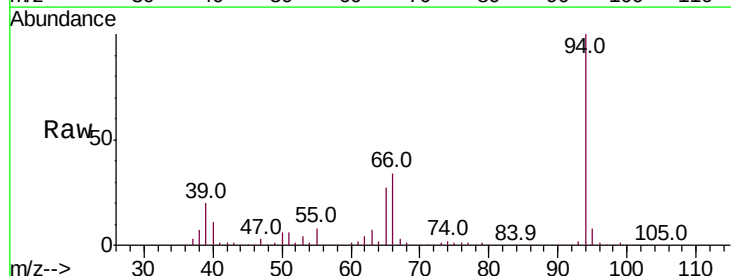
RT: 6.62 min Scan# 770

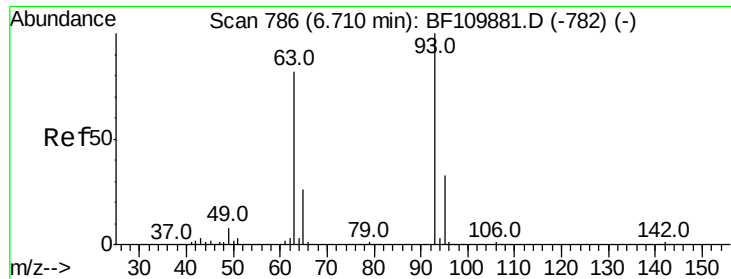
Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Tgt Ion:	94	Resp:	1135993
Ion	Ratio	Lower	Upper
94	100		
65	27.2	25.3	65.3
66	34.2	54.5	94.5#





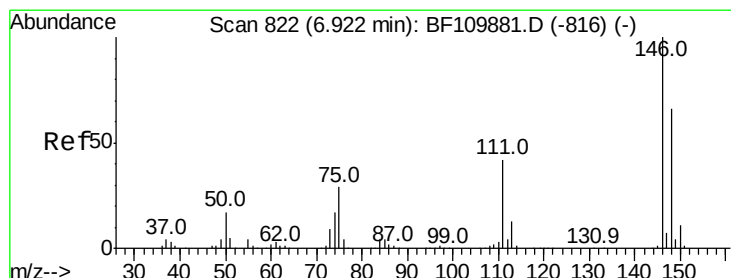
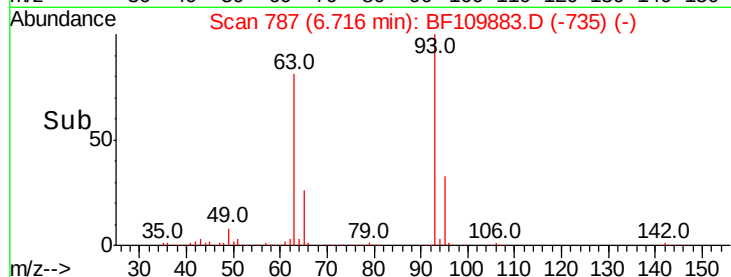
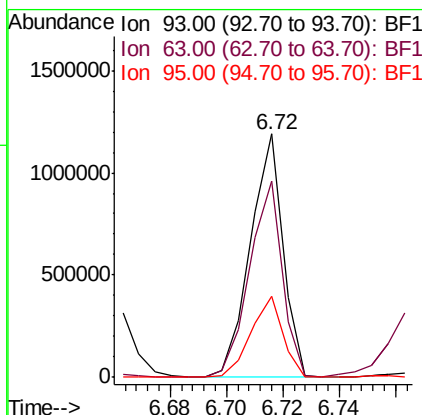
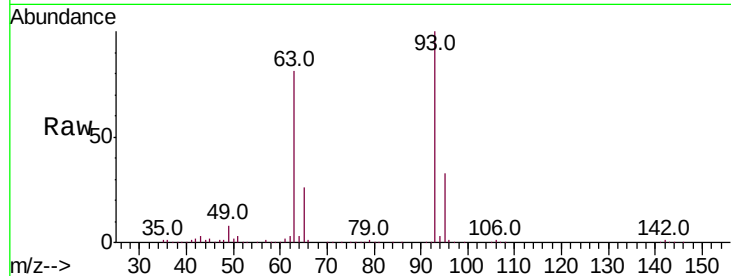
#11
bis(2-Chloroethyl)ether
Concen: 54.709 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.7	53.4	93.4
95	33.0	12.1	52.1

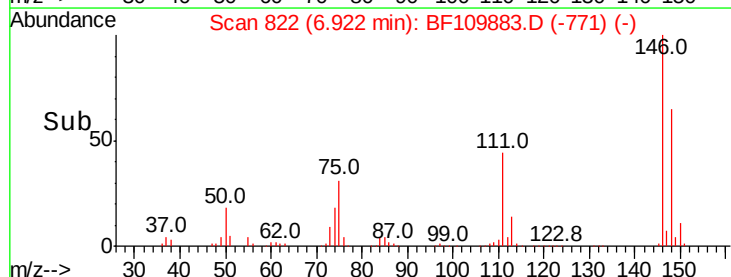
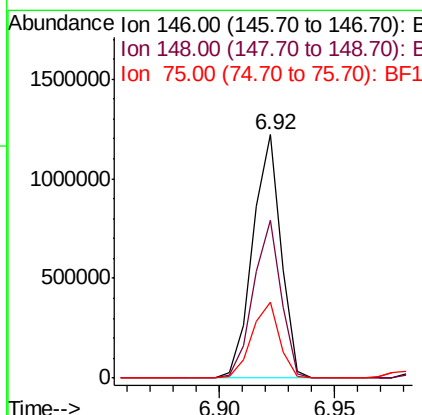
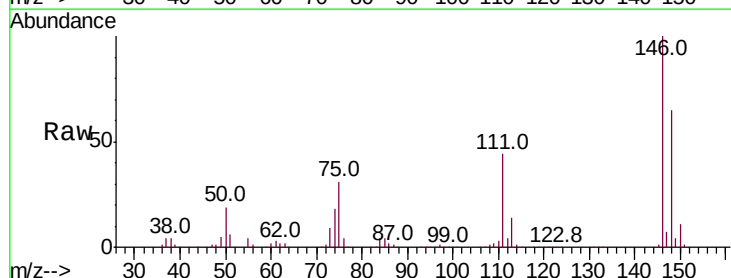
Manual Integrations
APPROVED

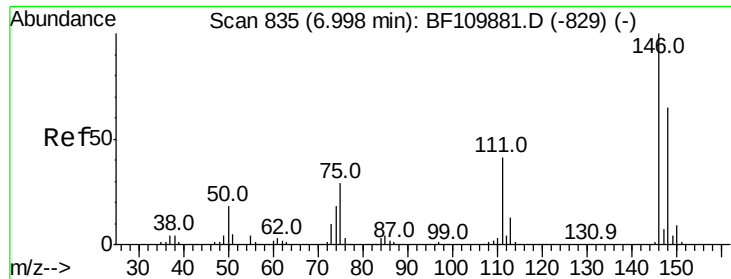
Sohil
10/16/2018 9:57:21 AM



#12
1,3-Dichlorobenzene
Concen: 53.836 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
75	31.1	25.8	38.6





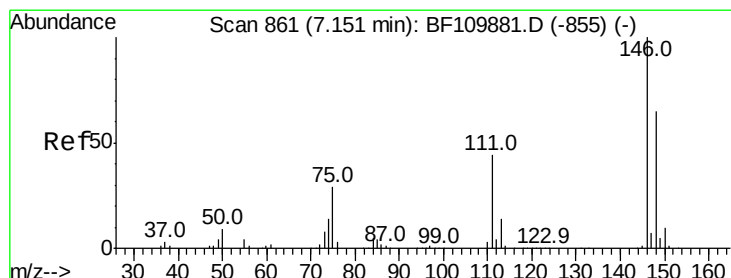
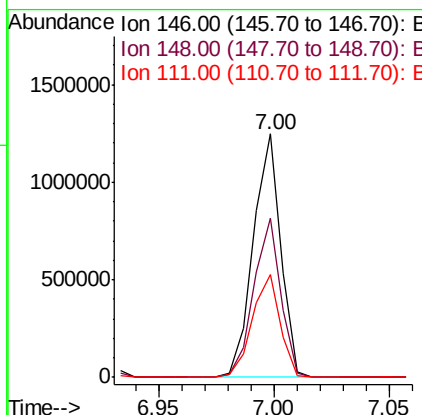
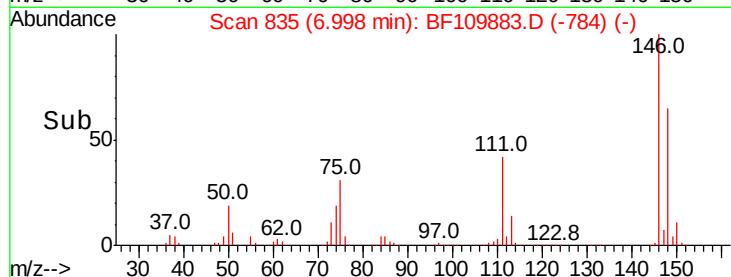
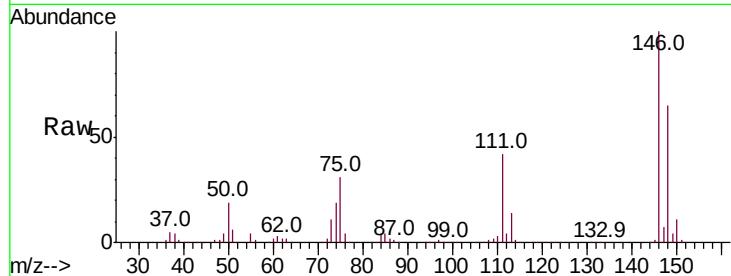
#13
 1,4-Dichlorobenzene
 Concen: 49.449 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.3	75.5
111	42.3	32.7	49.1

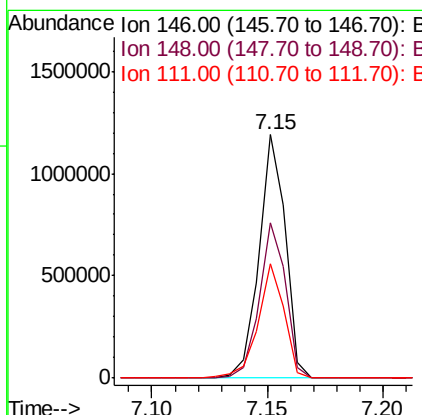
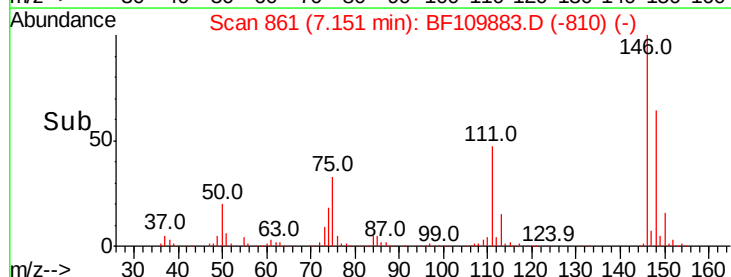
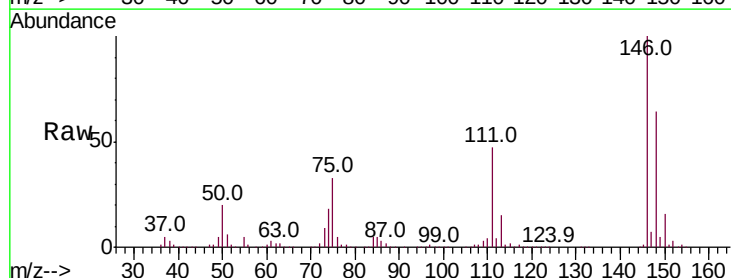
Manual Integrations
 APPROVED

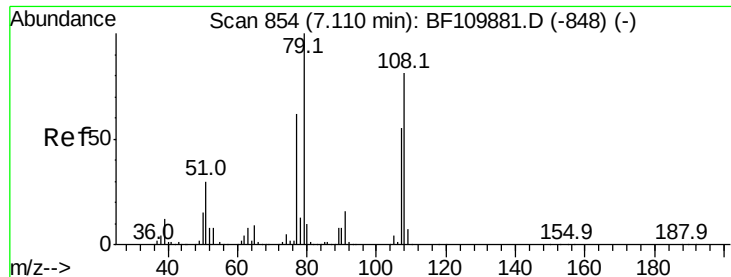
Sohil
 10/16/2018 9:57:21 AM



#14
 1,2-Dichlorobenzene
 Concen: 51.333 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	46.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 61.130 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

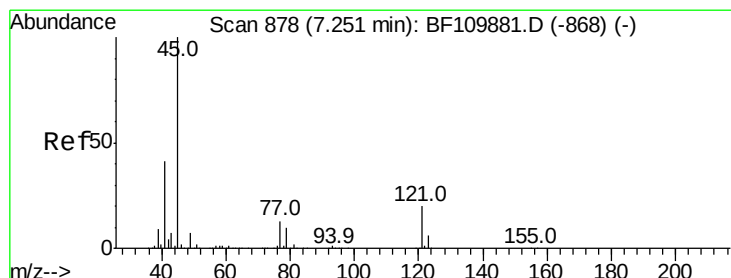
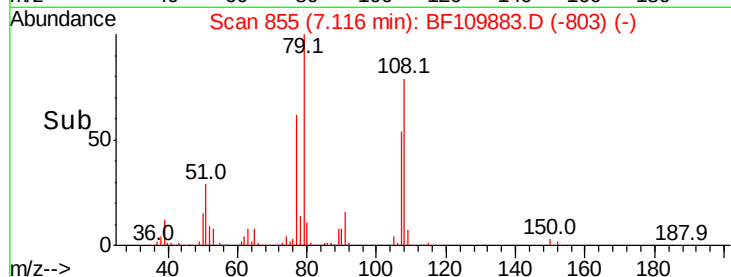
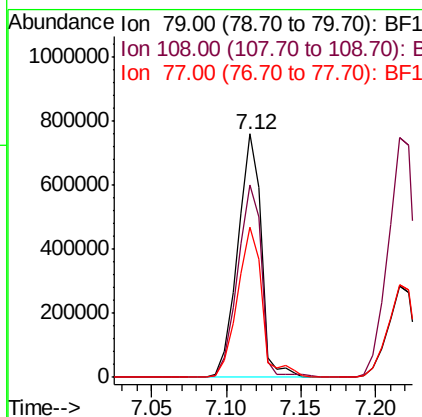
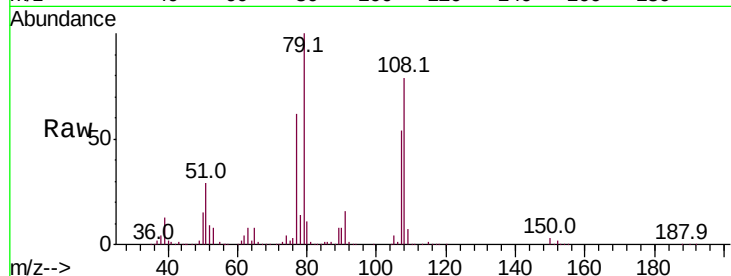
ClientSampled :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	56.3	84.5
77	61.7	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 67.785 ng

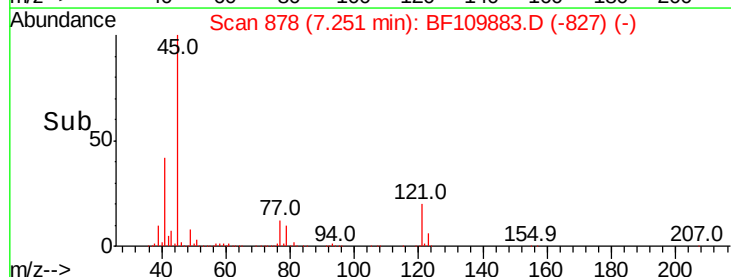
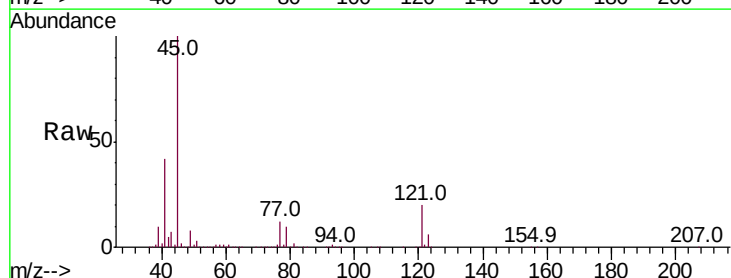
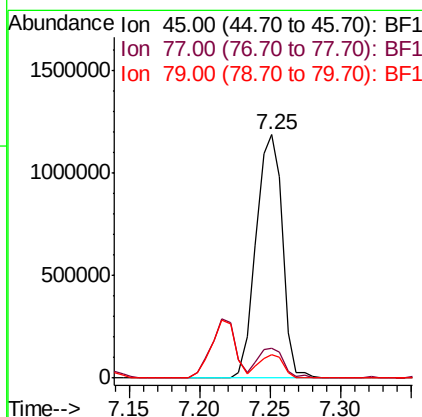
RT: 7.25 min Scan# 878

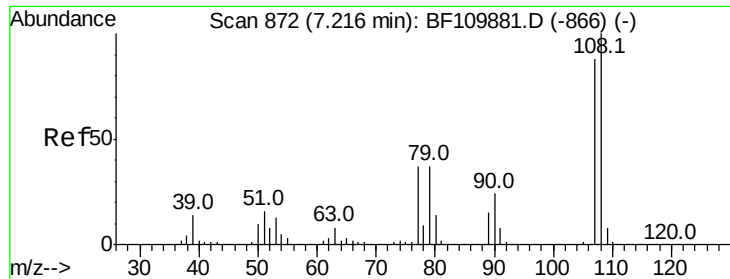
Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	10.0	50.0
79	9.8	6.1	46.1





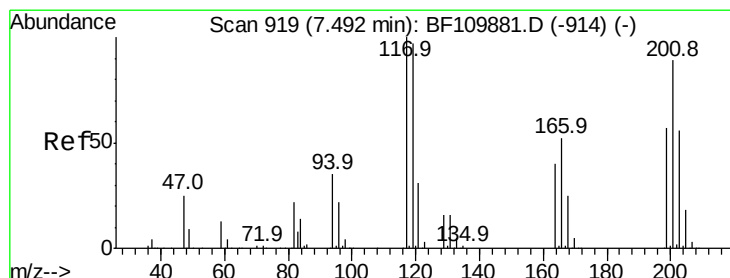
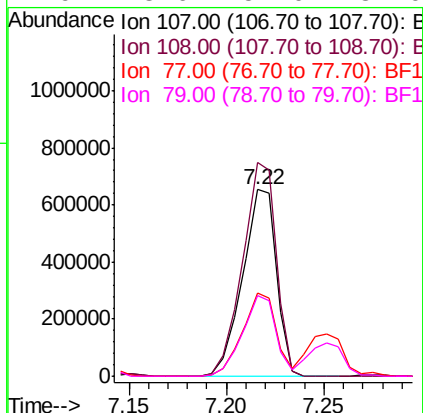
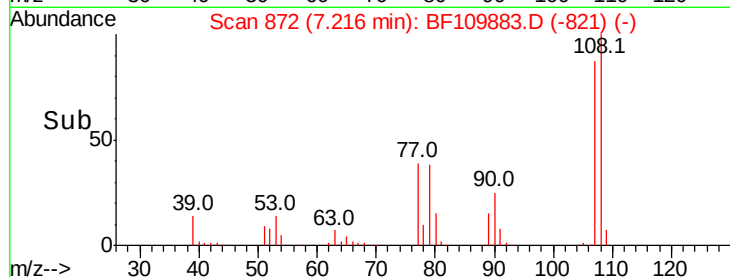
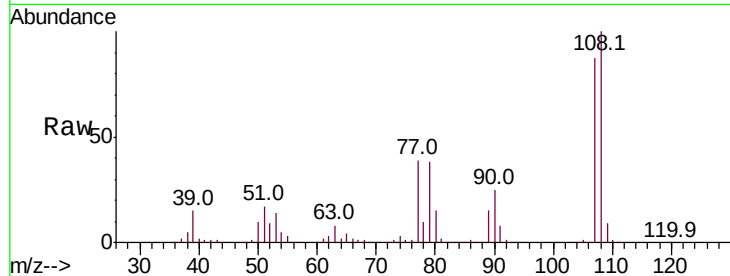
#17
2-Methylphenol
Concen: 58.922 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.6	138.8
77	44.3	59.4	89.2#
79	43.6	54.0	81.0#

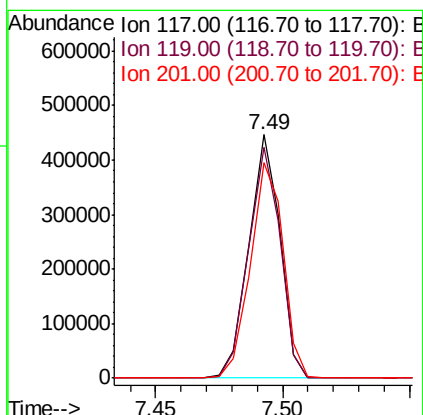
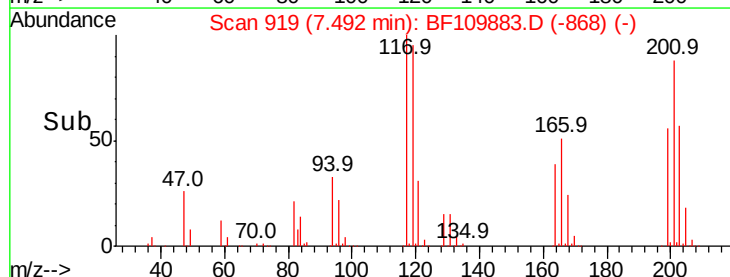
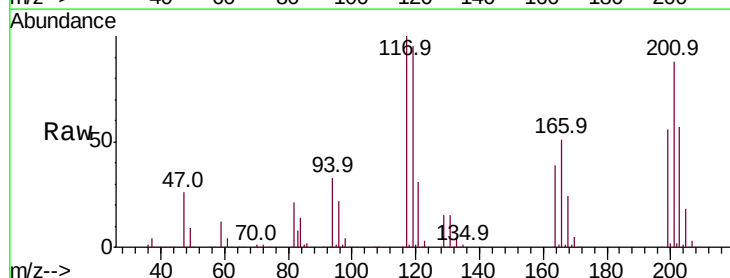
Manual Integrations
APPROVED

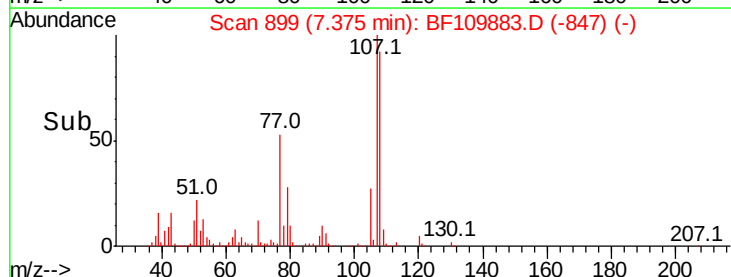
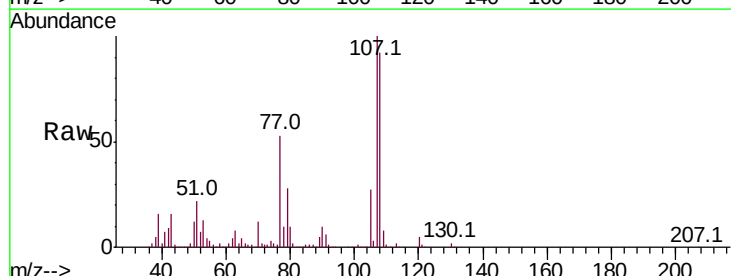
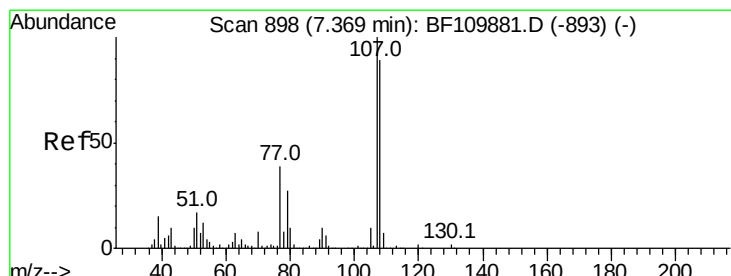
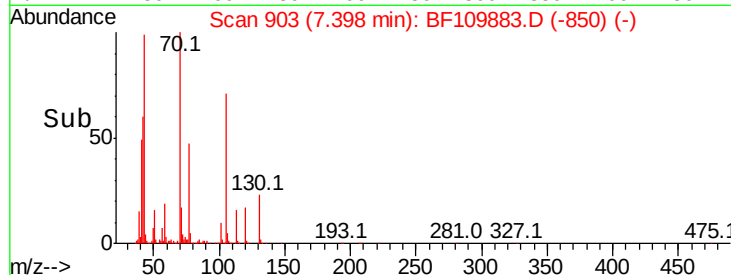
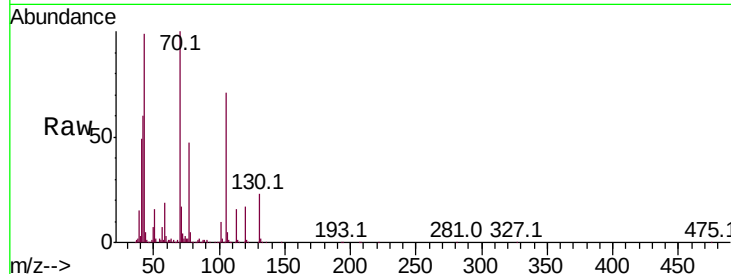
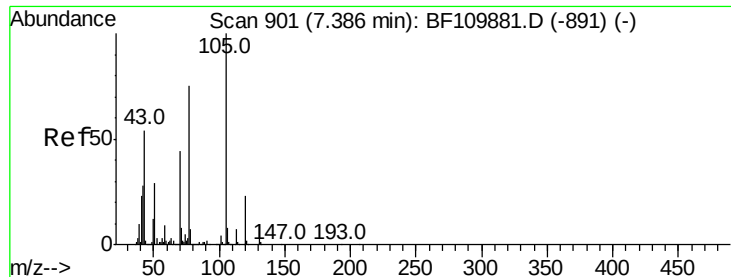
Sohil
10/16/2018 9:57:21 AM



#18
Hexachloroethane
Concen: 51.675 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
201	88.4	79.2	118.8





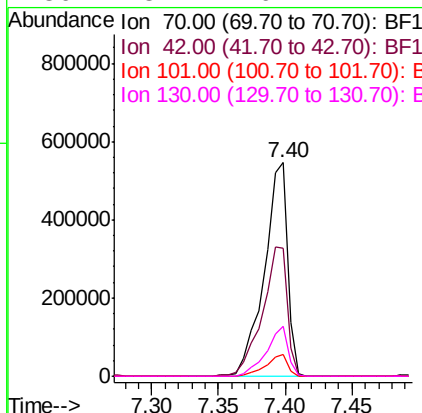
#19
n-Nitroso-di-n-propylamine
Concen: 51.587 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.4	71.2
101	10.2	7.3	10.9
130	23.4	16.2	24.2

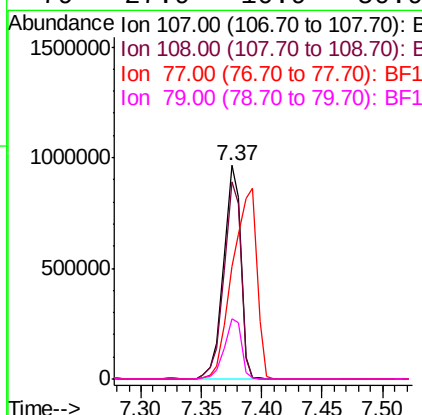
Manual Integrations
APPROVED

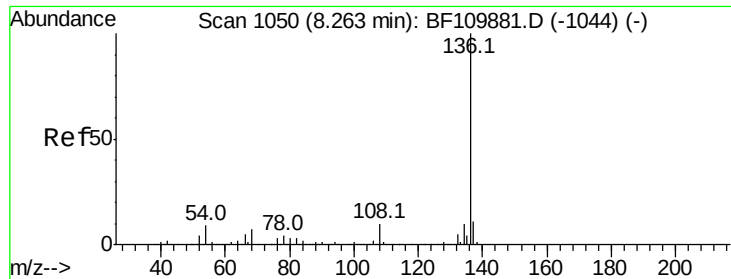
Sohil
10/16/2018 9:57:21 AM



#20
3+4-Methylphenols
Concen: 57.777 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.4	111.4
77	52.5	47.3	87.3
79	27.9	10.9	50.9





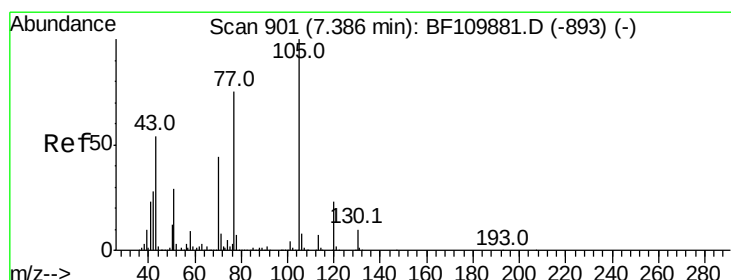
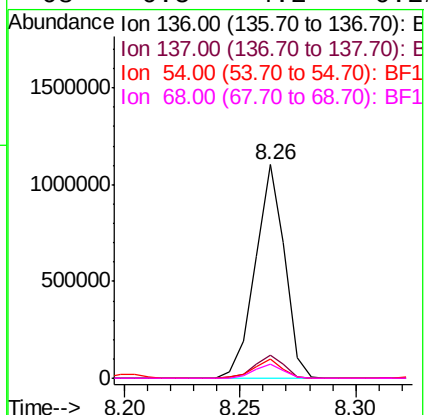
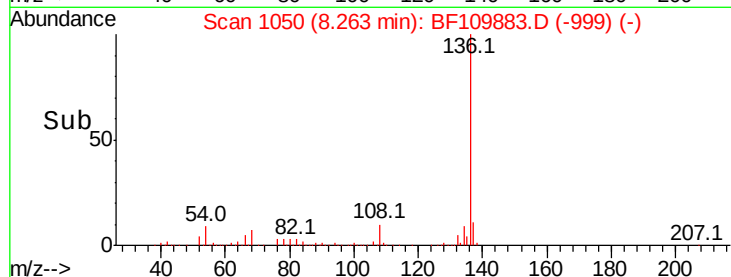
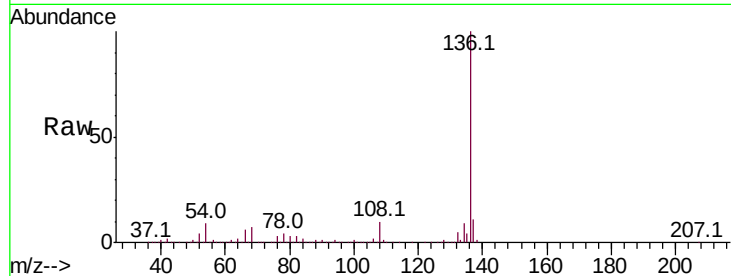
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	977651		
137	11.1		8.8	13.2
54	8.8		5.4	8.2#
68	6.5		4.2	6.2#

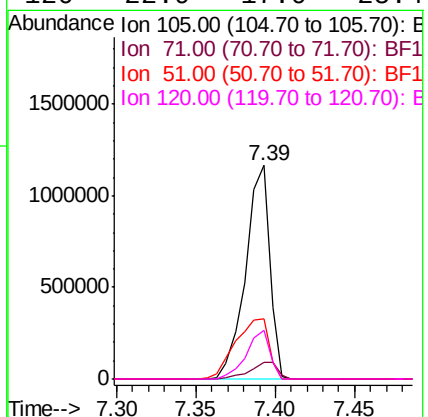
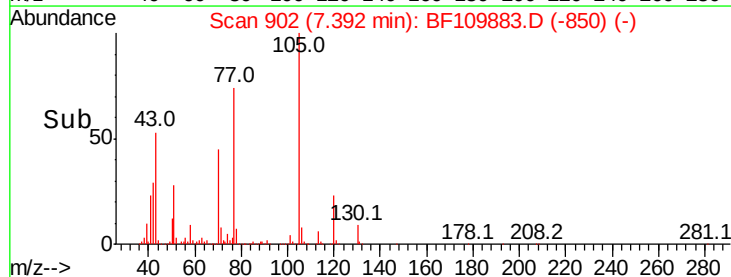
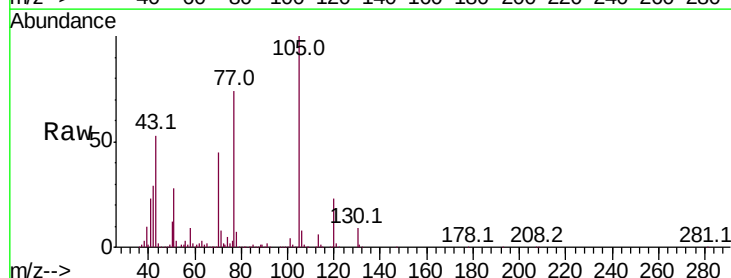
Manual Integrations
APPROVED

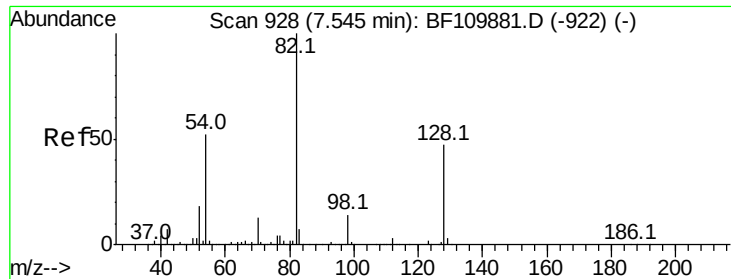
Sohil
10/16/2018 9:57:21 AM



#22
Acetophenone
Concen: 51.895 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1226870		
71	7.5		5.2	7.8
51	28.1		21.8	32.8
120	22.9		17.0	25.4





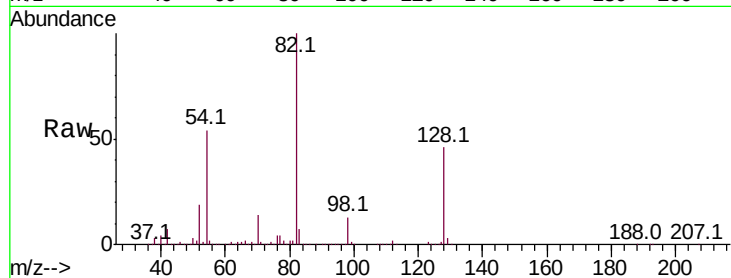
#23
 Nitrobenzene-d5
 Concen: 101.512 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	54.2	38.6	58.0

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:21 AM

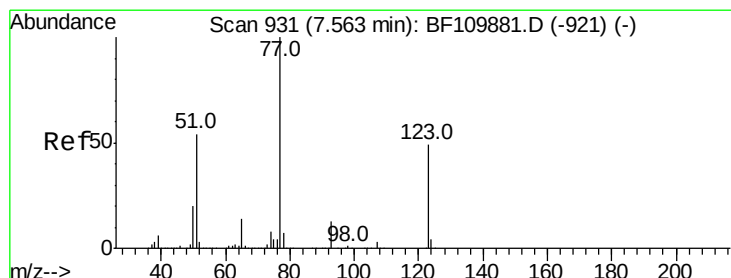
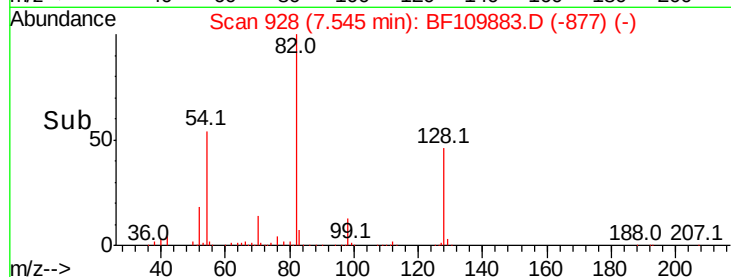
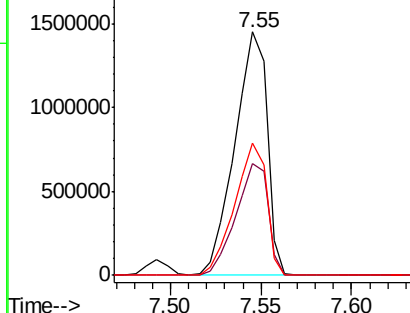


Abundance

Ion 82.00 (81.70 to 82.70): BF1

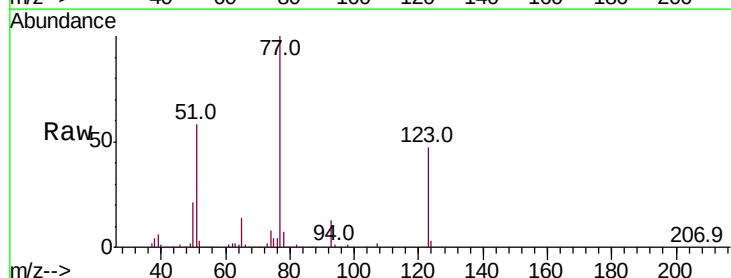
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 52.560 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.7	53.5
65	14.4	10.7	16.1

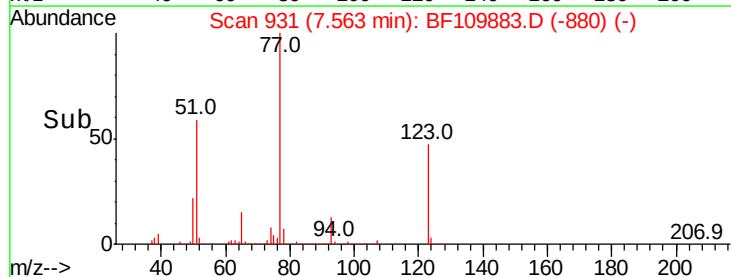
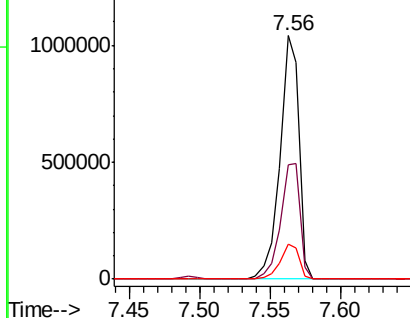


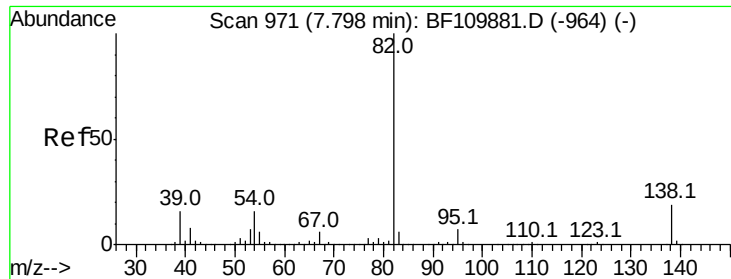
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 55.510 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1634832

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

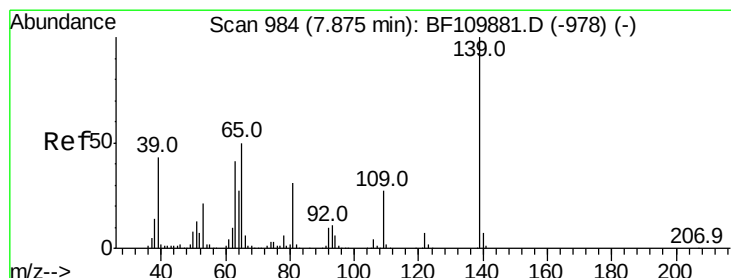
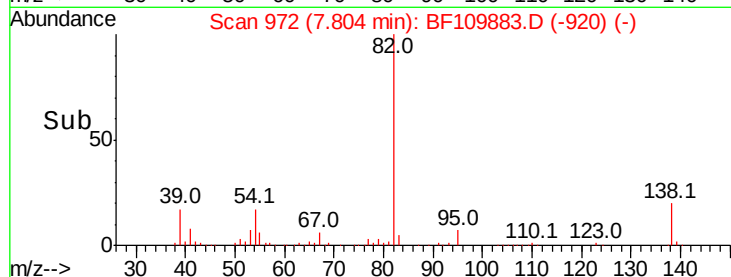
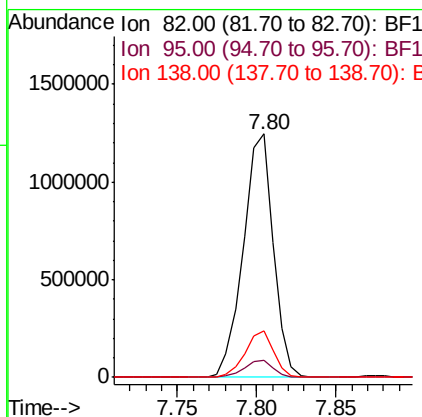
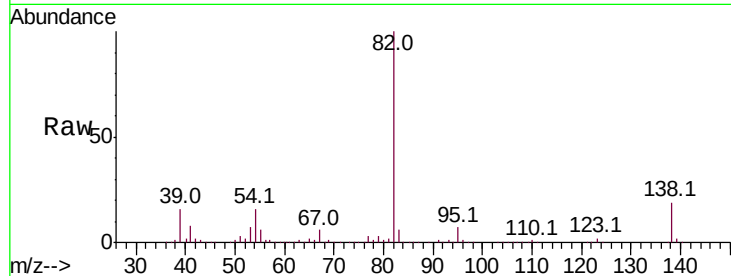
138 19.2 13.2 19.8

Manual Integrations

APPROVED

Sohil

10/16/2018 9:57:21 AM



#26

2-Nitrophenol

Concen: 50.539 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

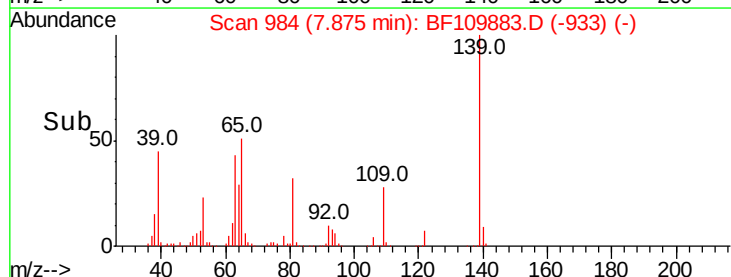
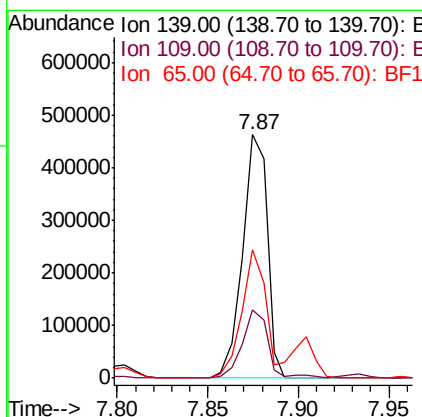
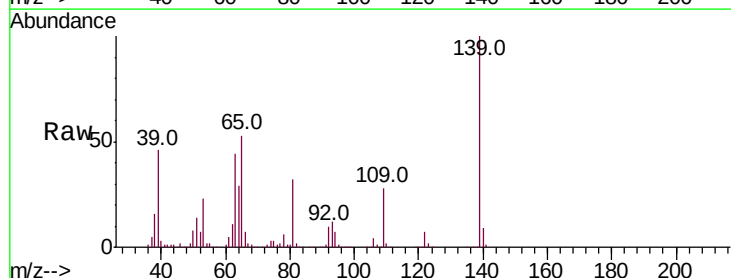
Tgt Ion: 139 Resp: 436268

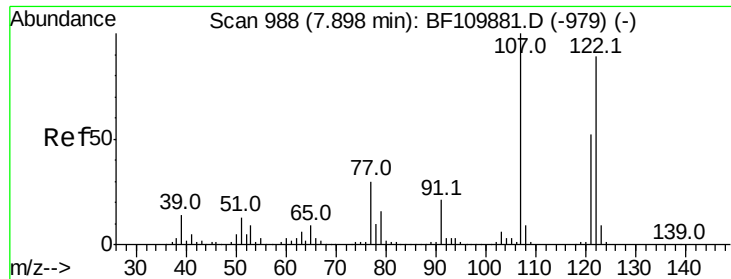
Ion Ratio Lower Upper

139 100

109 28.0 25.0 37.6

65 52.9 44.0 66.0





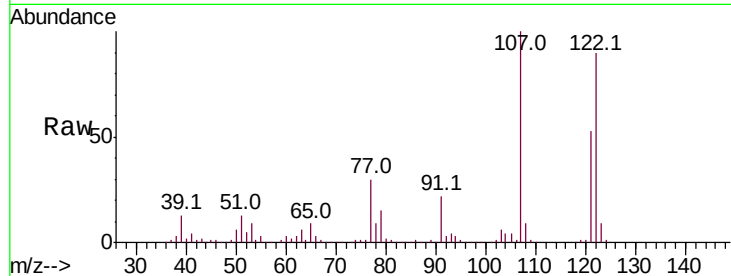
#27
2,4-Dimethylphenol
Concen: 63.401 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	92.5	138.7
121	58.4	45.8	68.8

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM

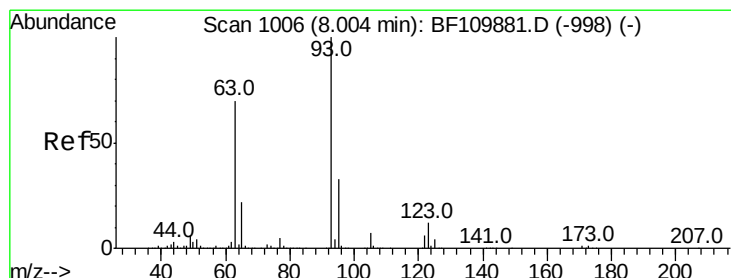
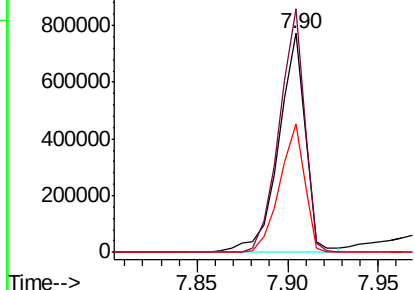
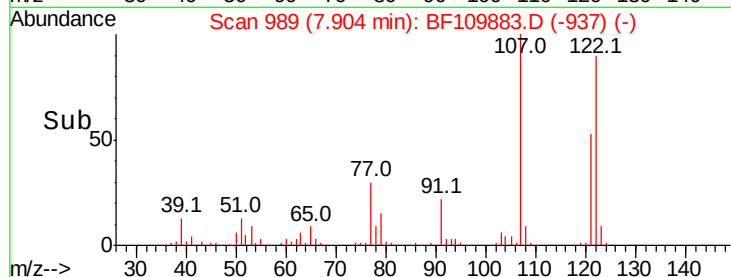


Abundance

Ion 122.00 (121.70 to 122.70): E

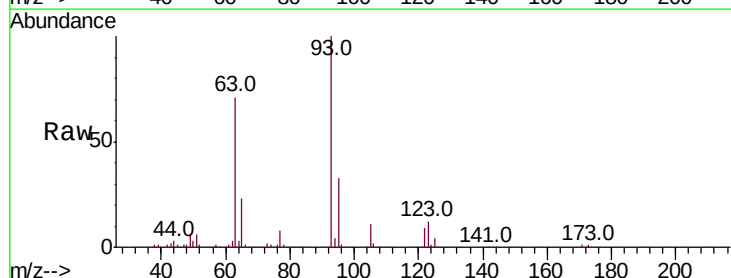
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 55.270 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.0	9.0	13.6

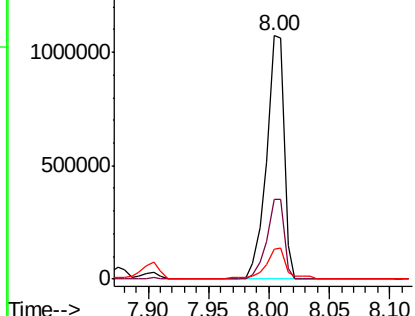
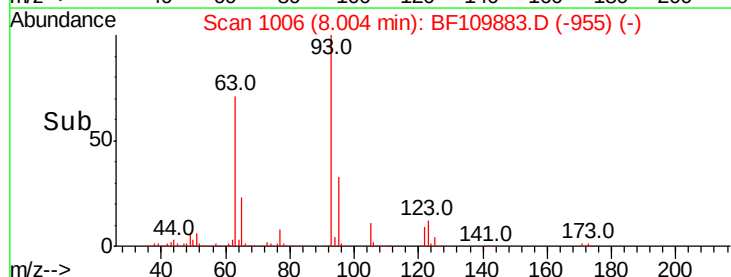


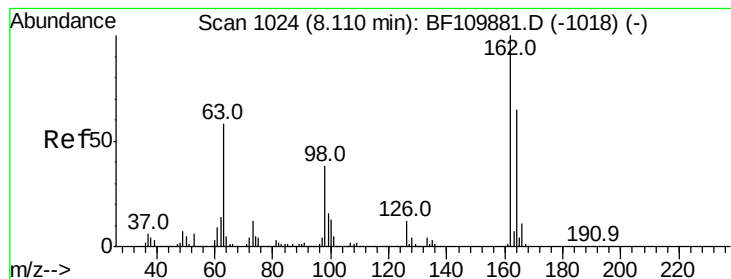
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 56.035 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

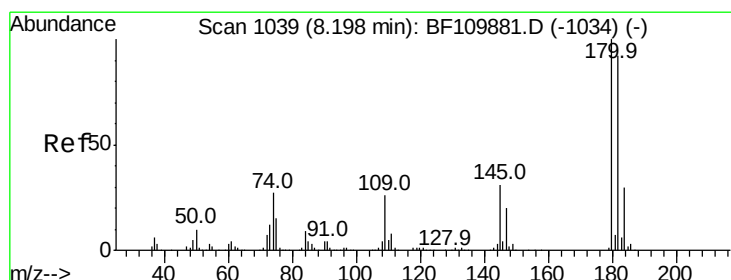
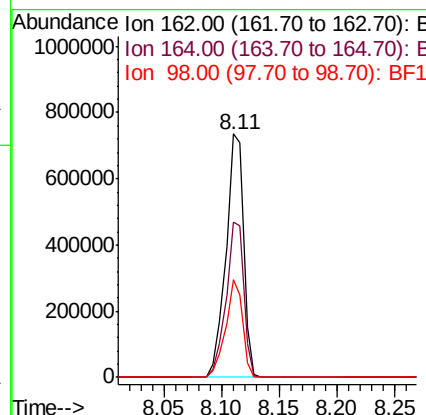
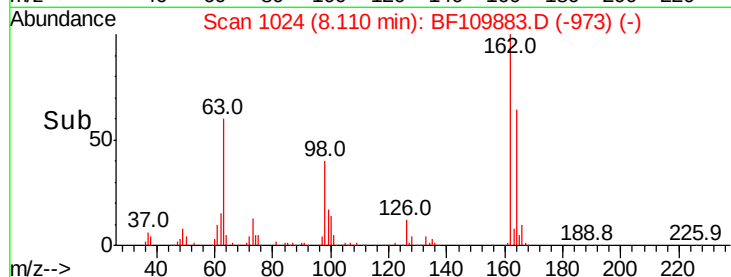
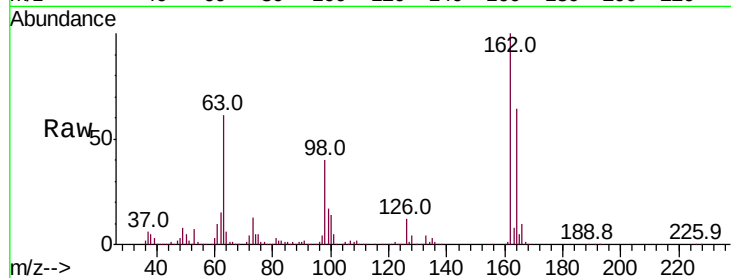
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	783489		
164	63.6	44.6	84.6	
98	40.1	17.4	57.4	

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



#30

1,2,4-Trichlorobenzene

Concen: 54.622 ng

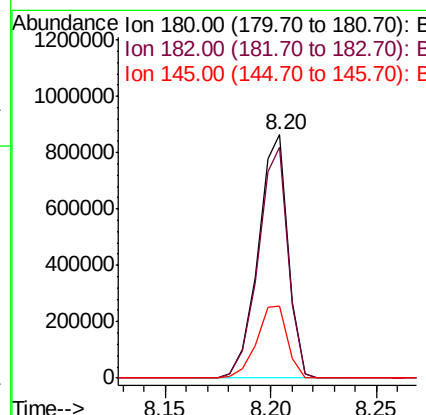
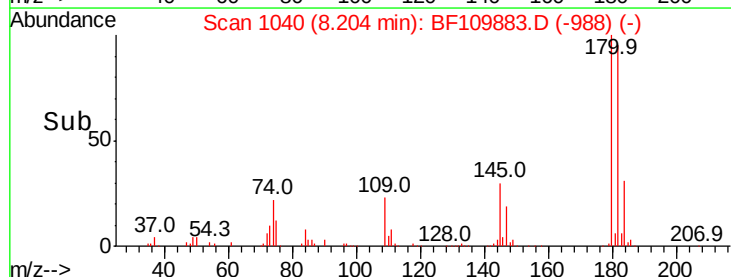
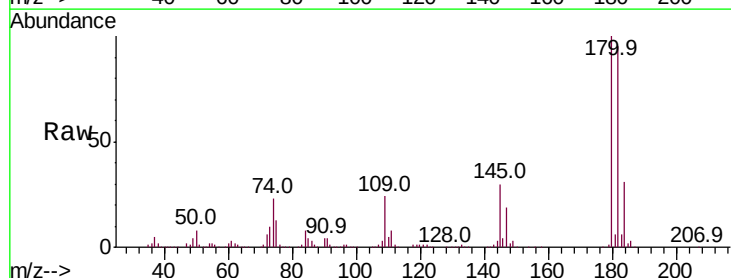
RT: 8.20 min Scan# 1040

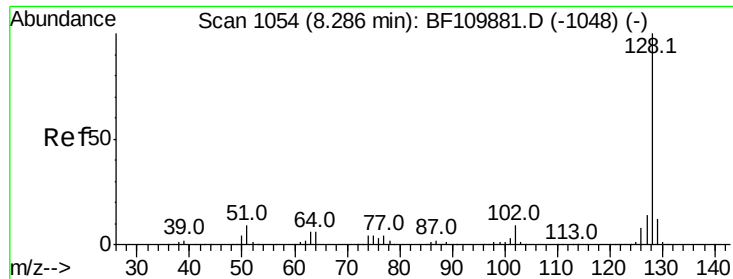
Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	845456		
182	94.5	80.3	120.5	
145	29.7	25.4	38.0	





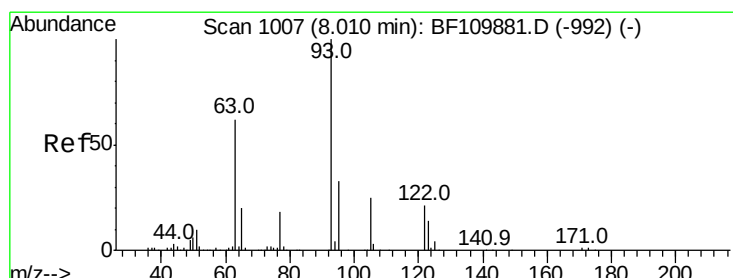
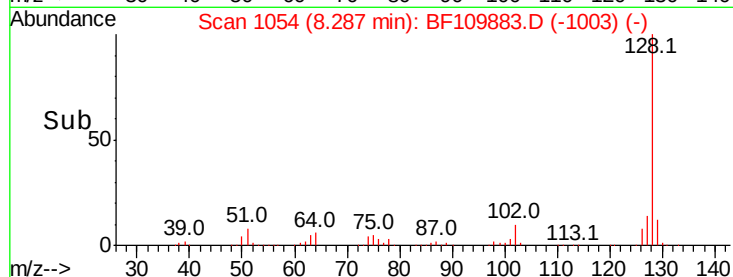
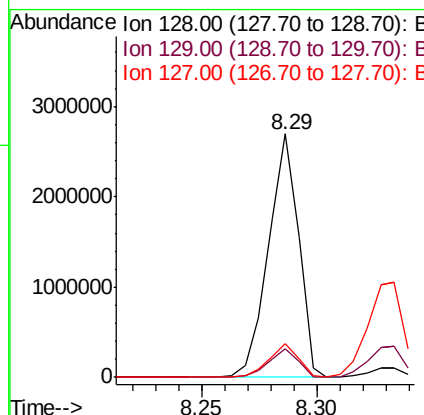
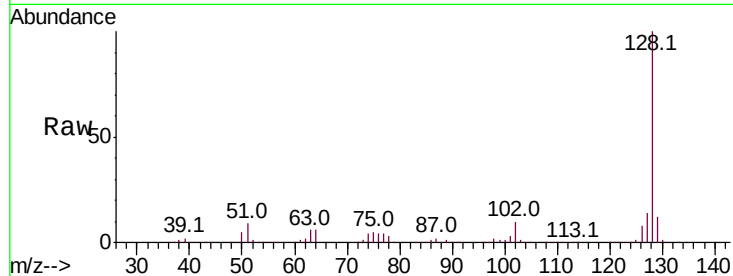
#31
Naphthalene
Concen: 54.061 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:128 Resp: 2444315
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.1 10.8 16.2

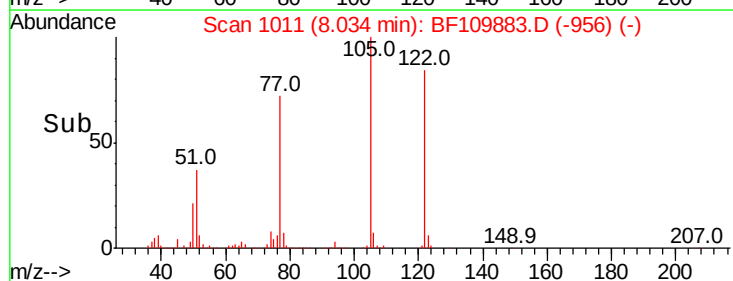
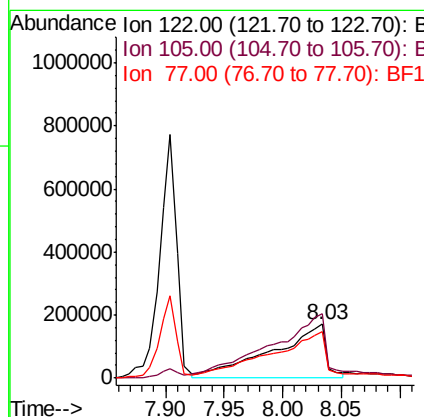
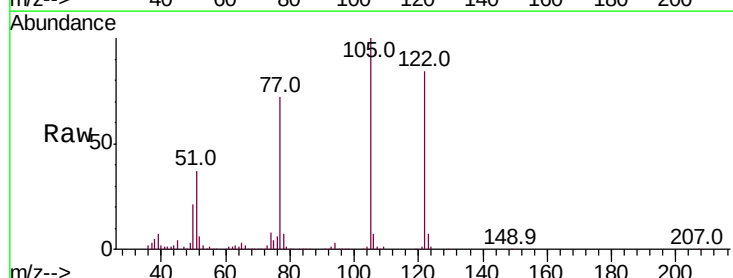
Manual Integrations
APPROVED

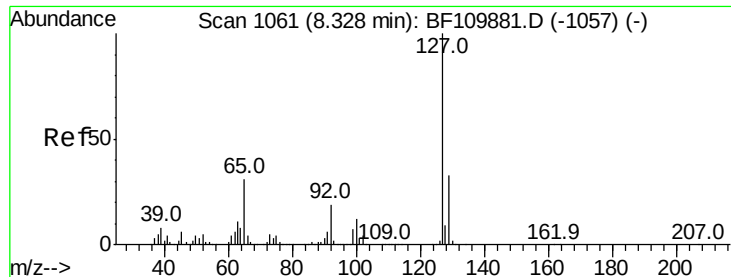
Sohil
10/16/2018 9:57:21 AM



#32
Benzoic acid
Concen: 61.914 ng m
RT: 8.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion:122 Resp: 551800
Ion Ratio Lower Upper
122 100
105 118.9 109.0 149.0
77 85.8 79.0 119.0





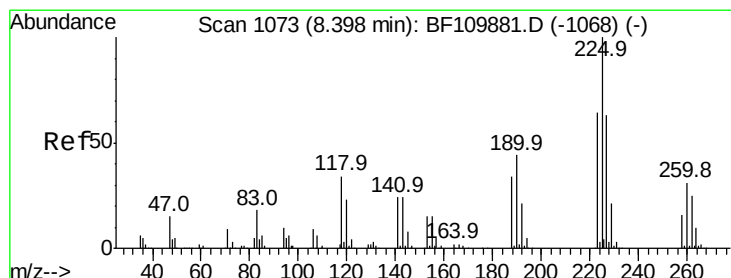
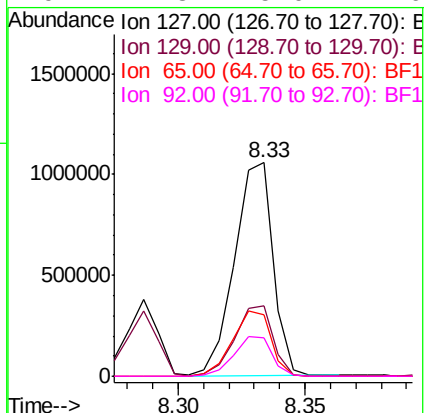
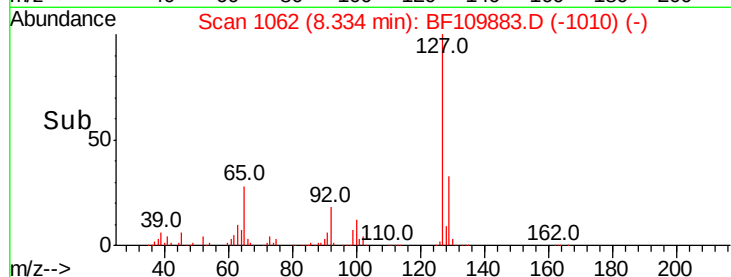
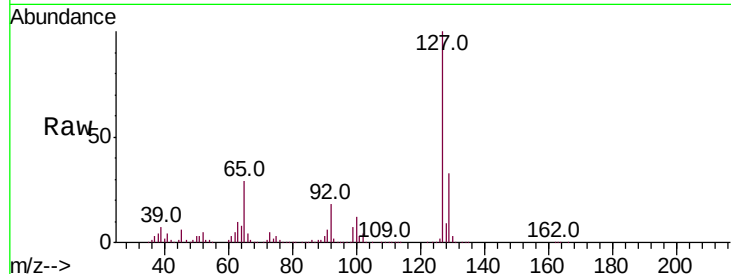
#33
4-Chloroaniline
Concen: 56.230 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	28.9	25.1	37.7
92	17.8	15.0	22.6

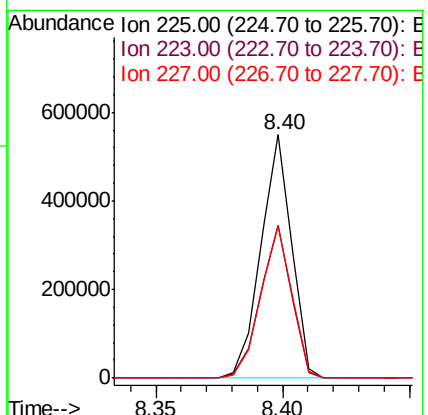
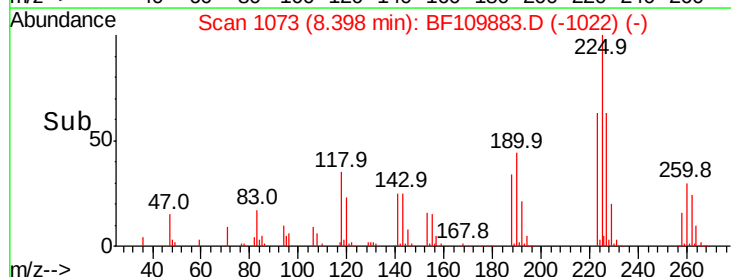
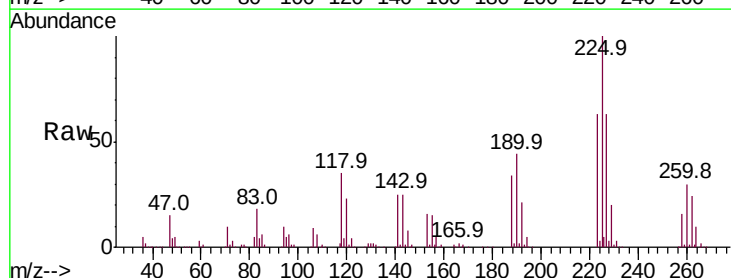
Manual Integrations
APPROVED

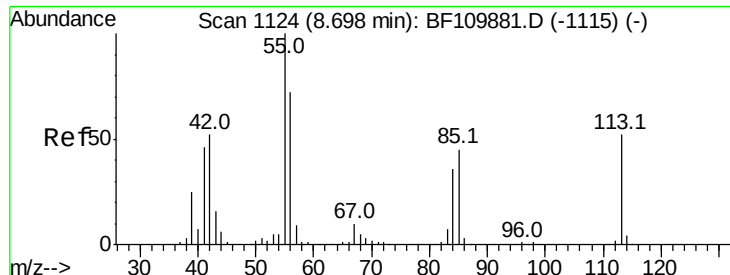
Sohil
10/16/2018 9:57:21 AM



#34
Hexachlorobutadiene
Concen: 47.933 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	62.6	51.0	76.6





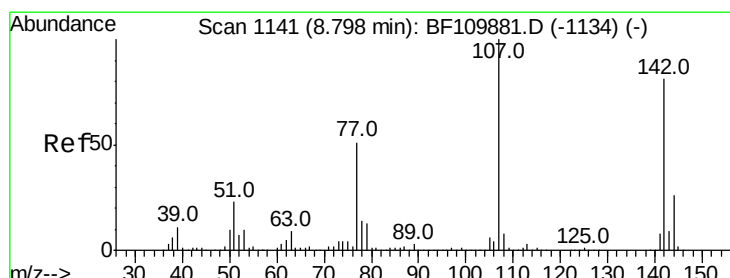
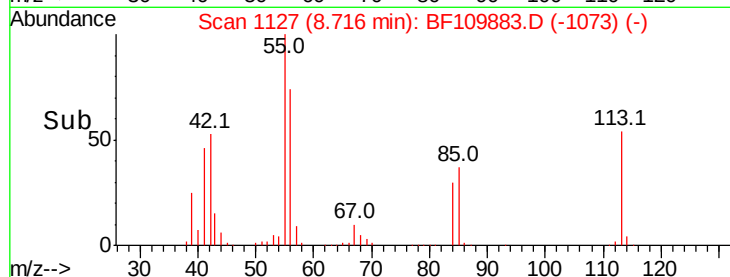
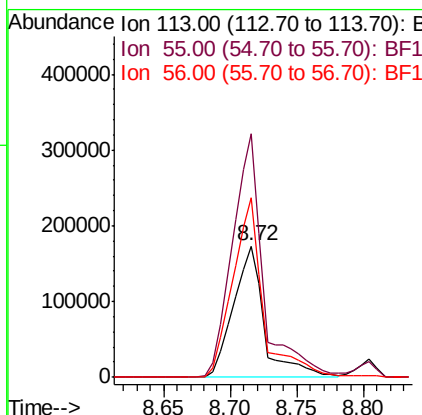
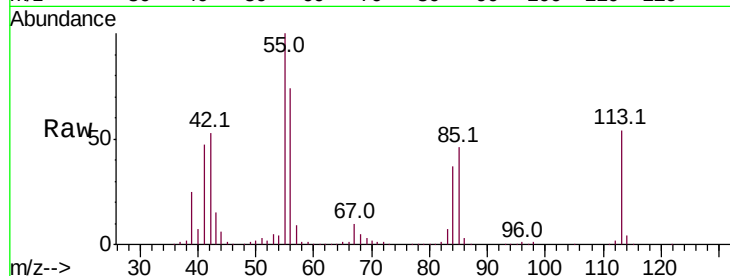
#35
Caprolactam
Concen: 67.620 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.1	142.8	182.8#
56	136.1	105.0	145.0

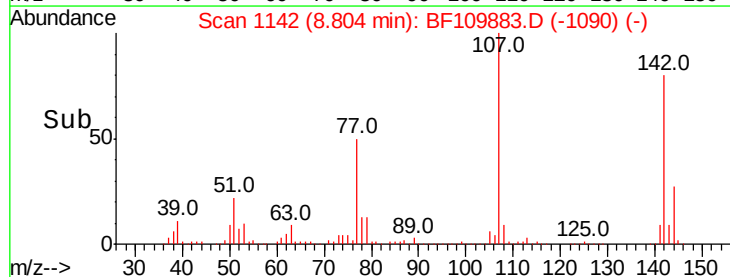
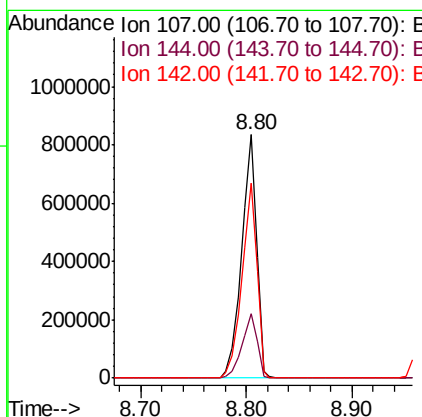
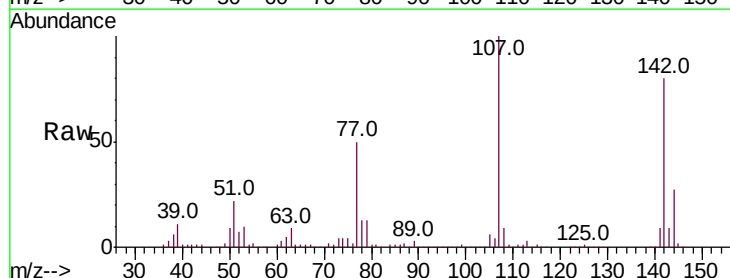
Manual Integrations
APPROVED

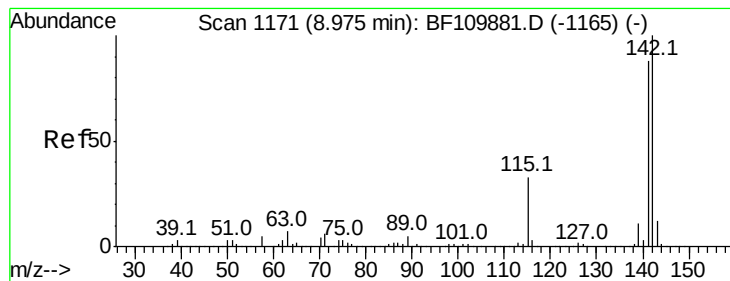
Sohil
10/16/2018 9:57:21 AM



#36
4-Chloro-3-methylphenol
Concen: 54.794 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.0	30.0
142	80.2	59.7	89.5





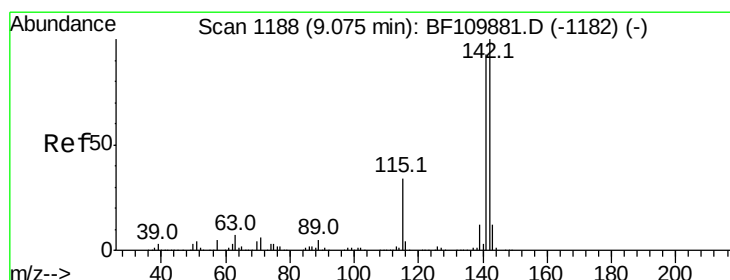
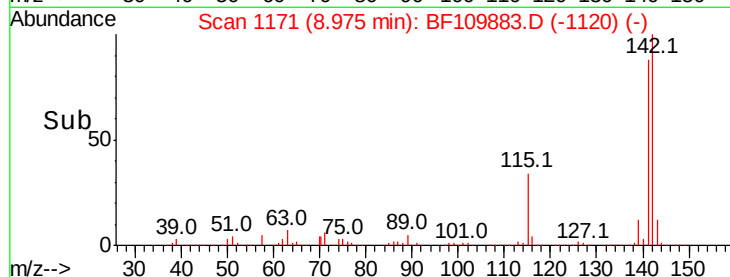
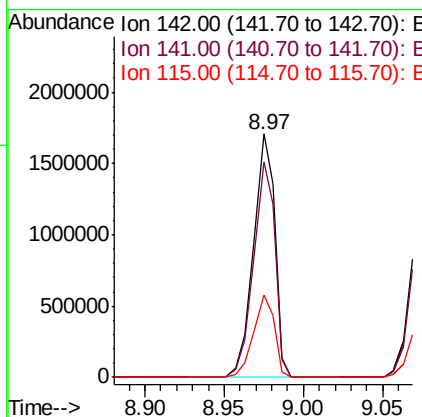
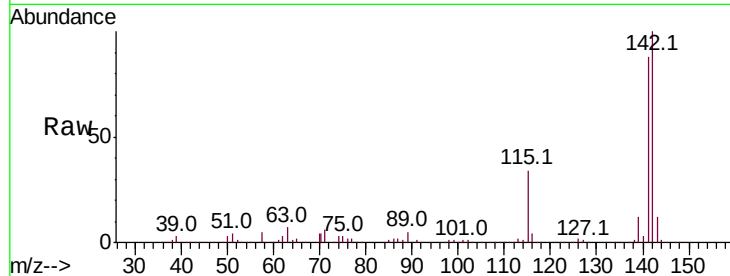
#37
2-Methylnaphthalene
Concen: 53.769 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	34.1	28.7	43.1

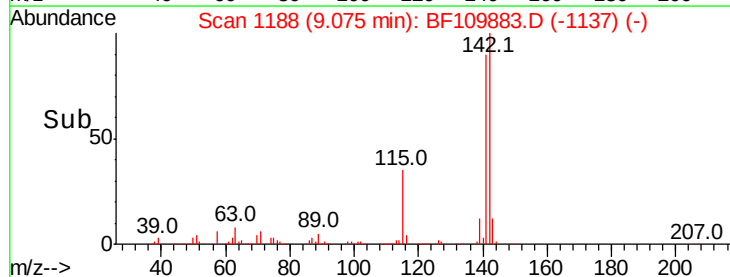
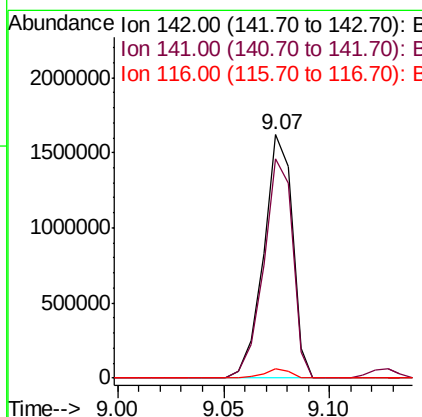
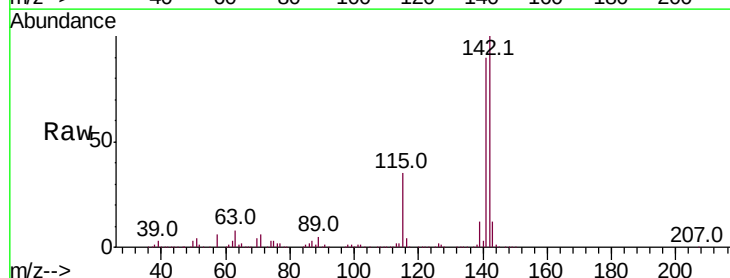
Manual Integrations
APPROVED

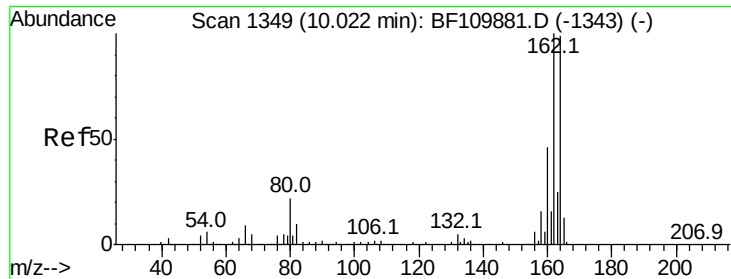
Sohil
10/16/2018 9:57:21 AM



#38
1-Methylnaphthalene
Concen: 52.276 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.2	111.4
116	3.8	2.6	4.0





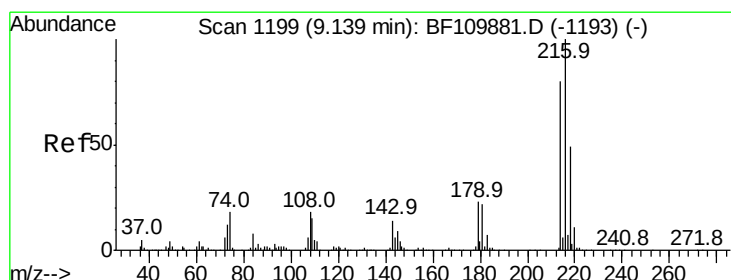
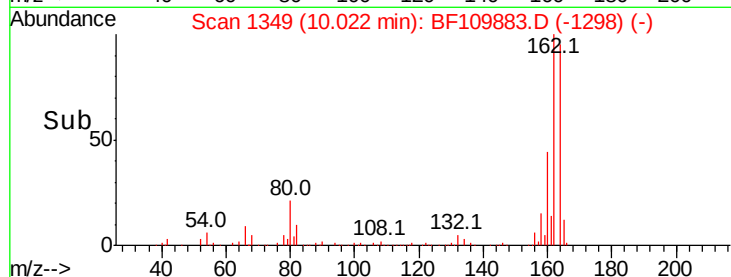
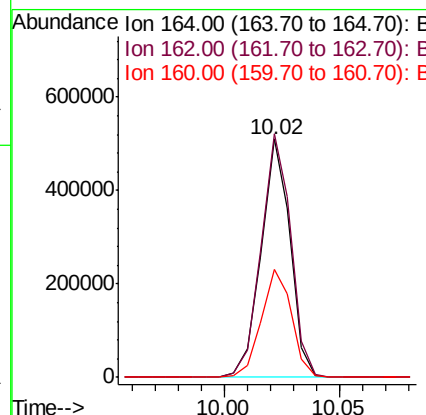
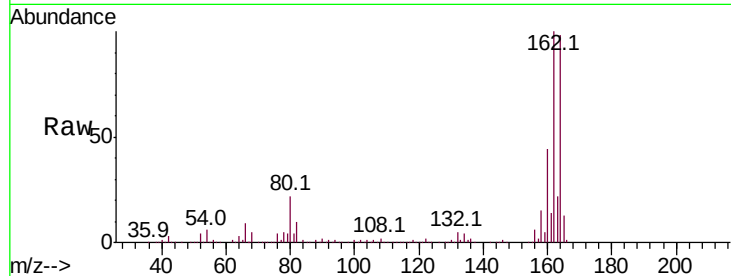
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	45.4	37.0	55.6

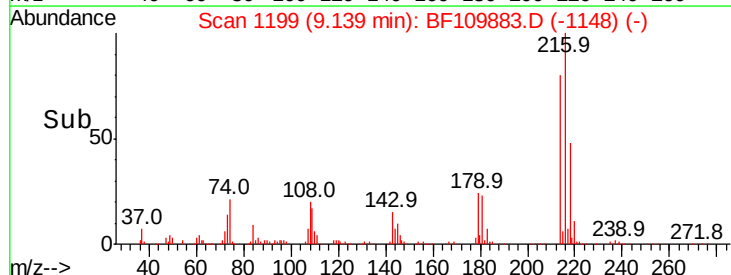
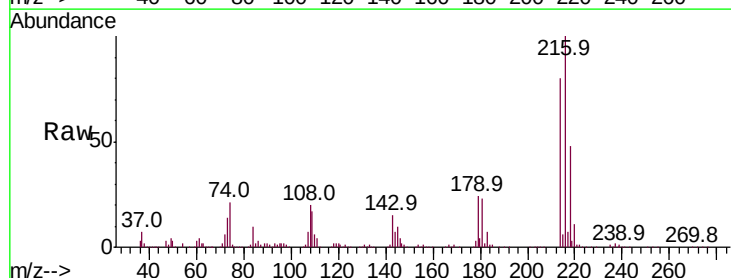
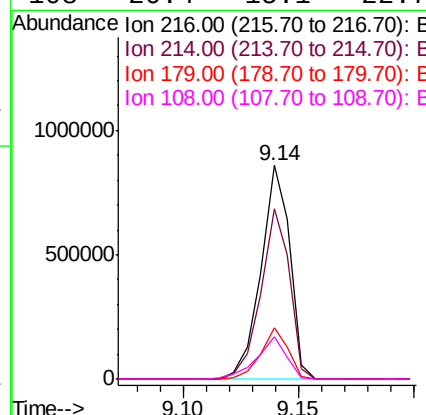
Manual Integrations
APPROVED

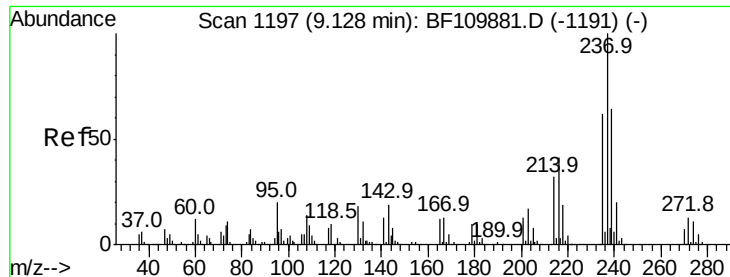
Sohil
10/16/2018 9:57:21 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.576 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	22.6	16.6	25.0
108	20.4	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 74.180 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

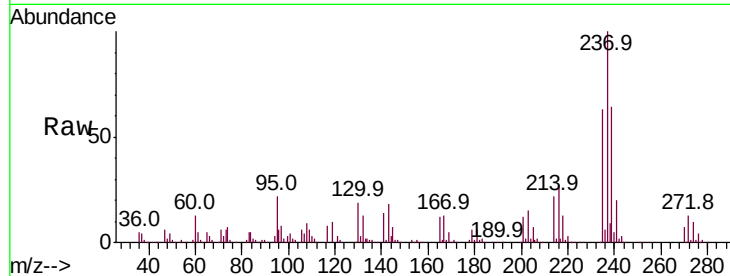
ClientSampleId :

SSTDIC060

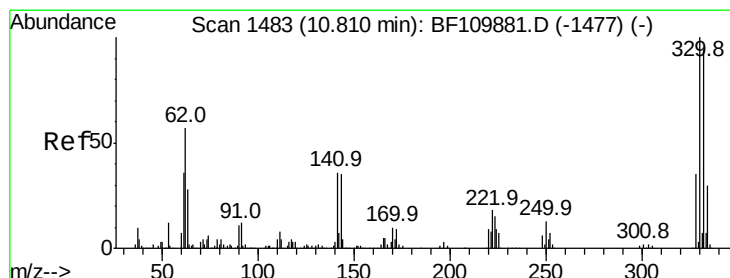
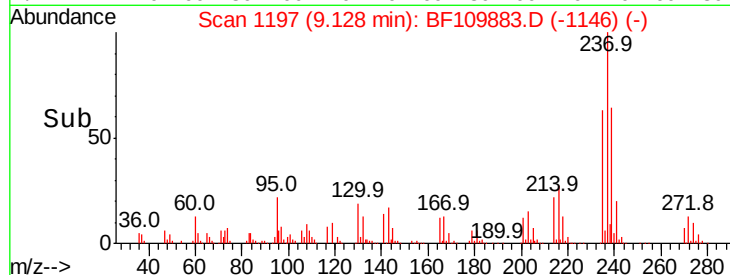
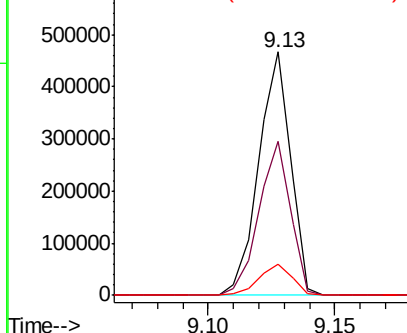
Tot Ion:	237	Resp:	412167
Ion Ratio		Lower	Upper
237	100		
235	63.2	43.1	83.1
272	12.9	0.0	32.6

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 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: 91.872 ng

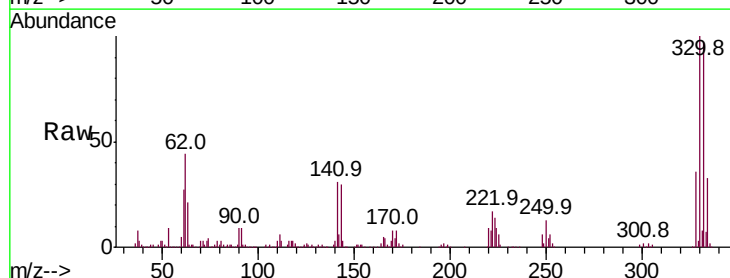
RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

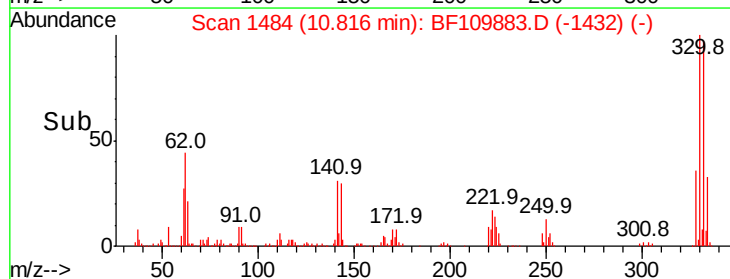
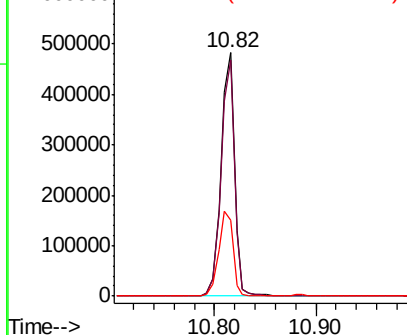
Lab File: BF109883.D

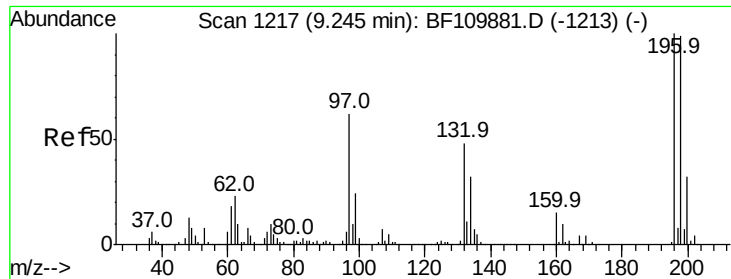
Acq: 15 Oct 2018 17:05

Tgt Ion:	330	Resp:	447766
Ion Ratio		Lower	Upper
330	100		
332	96.4	77.1	115.7
141	37.3	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





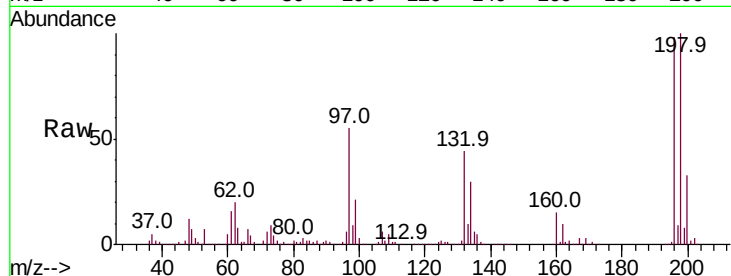
#43
 2,4,6-Trichlorophenol
 Concen: 55.827 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	508139		
198	102.2	76.2	114.4	
200	33.2	24.4	36.6	

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:21 AM

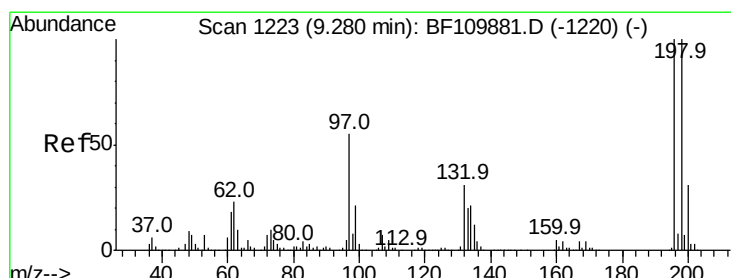
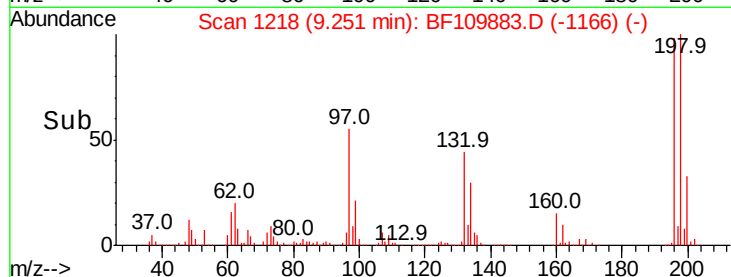
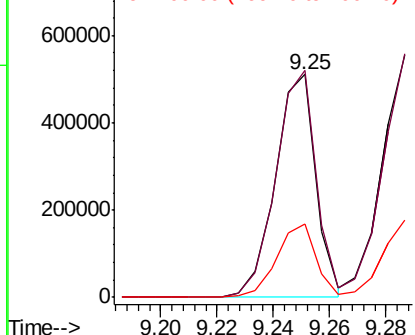


Abundance

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: 51.343 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	537336		
198	100.3	75.8	113.6	
97	54.0	42.4	63.6	
132	31.2	22.8	34.2	

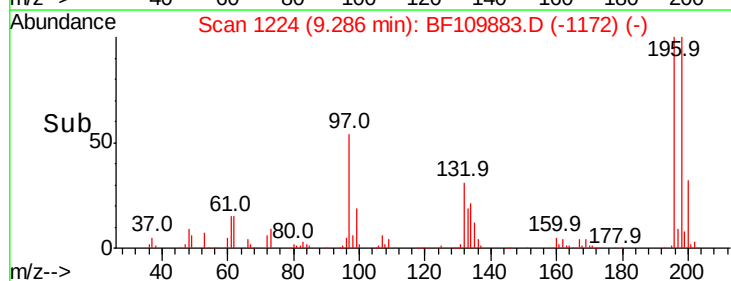
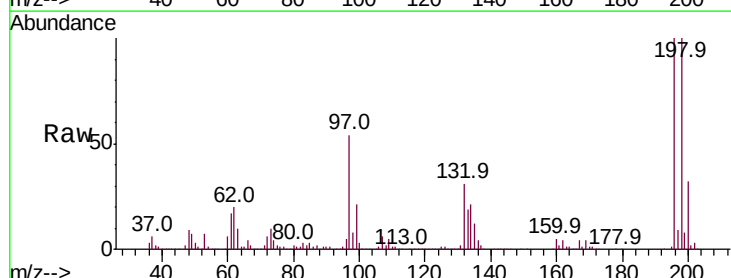
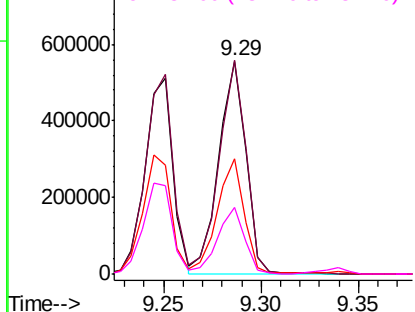
Abundance

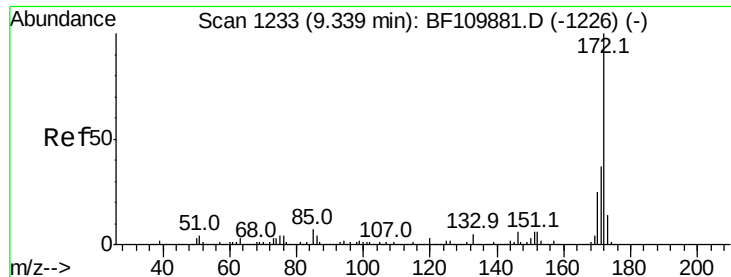
Ion 196.00 (195.70 to 196.70): E

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: 89.781 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:172 Resp: 2915877

Ion Ratio Lower Upper

172 100

171 37.5 28.6 43.0

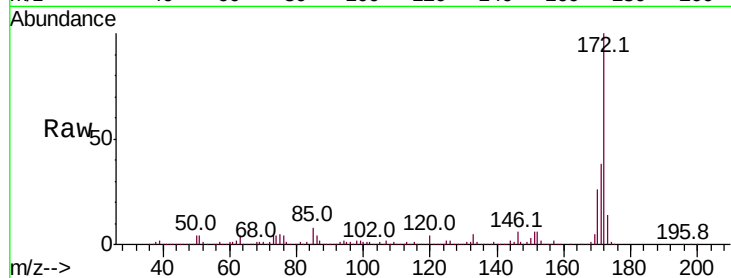
170 25.7 19.7 29.5

Manual Integrations

APPROVED

Sohil

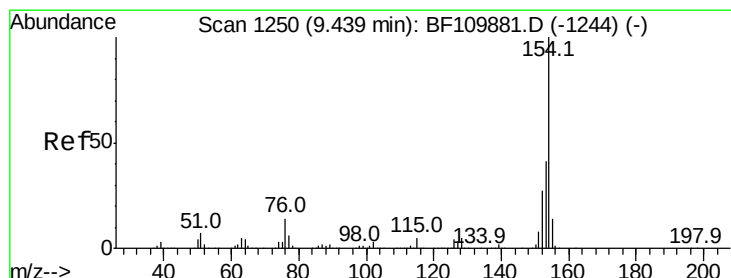
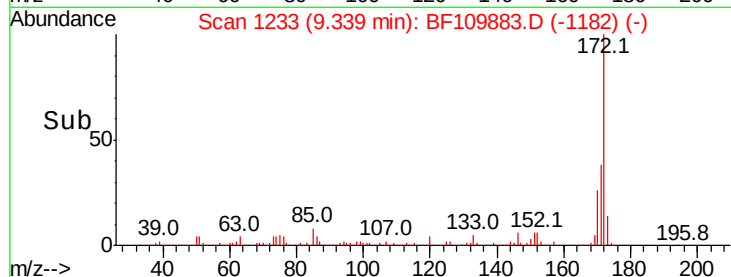
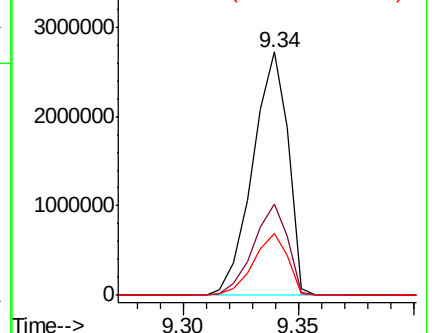
10/16/2018 9:57:21 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 53.242 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

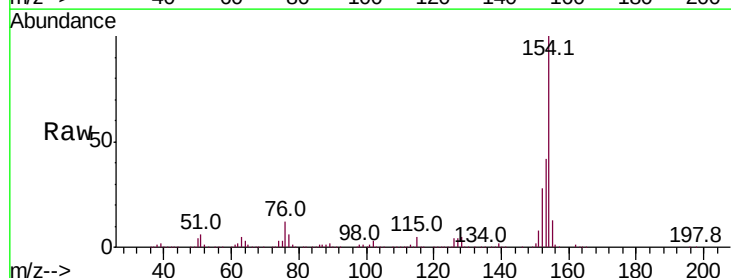
Tgt Ion:154 Resp: 2127497

Ion Ratio Lower Upper

154 100

153 42.2 20.4 60.4

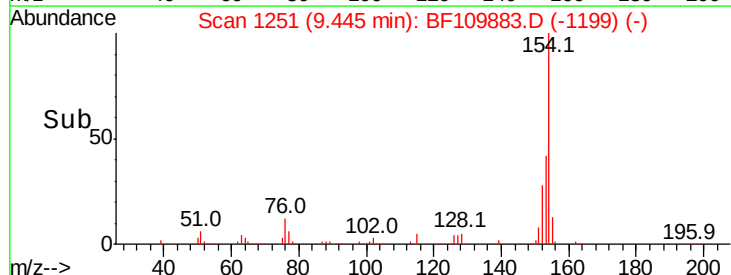
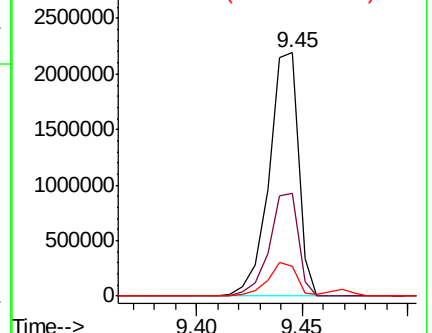
76 12.3 0.0 31.9

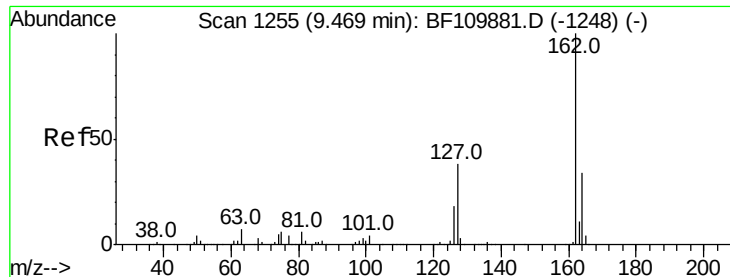


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





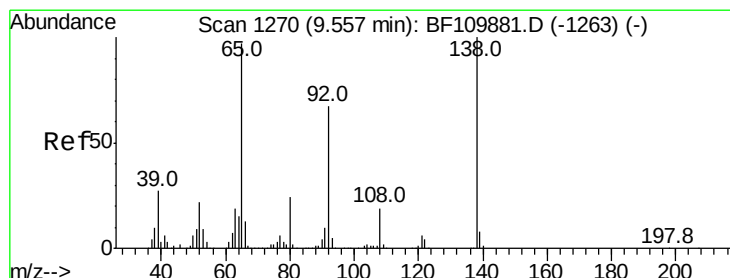
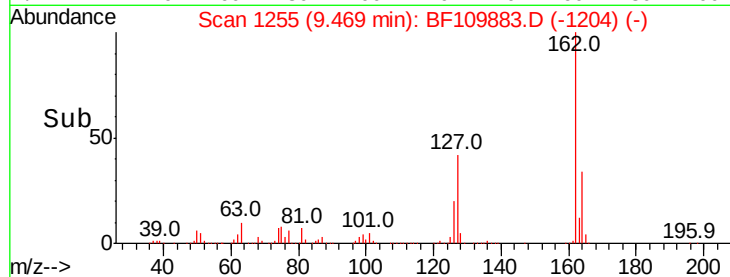
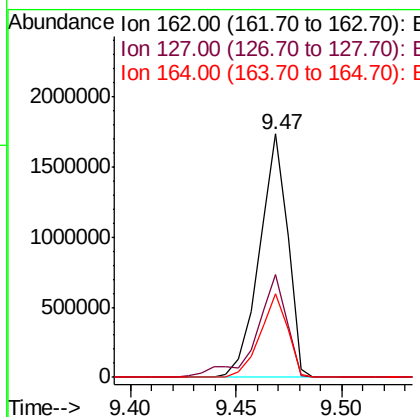
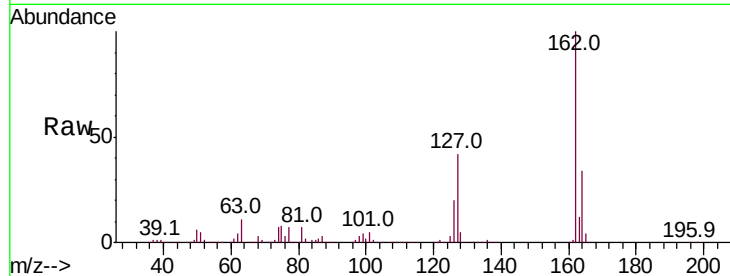
#47
 2-Chloronaphthalene
 Concen: 53.825 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.6	48.8
164	34.2	25.9	38.9

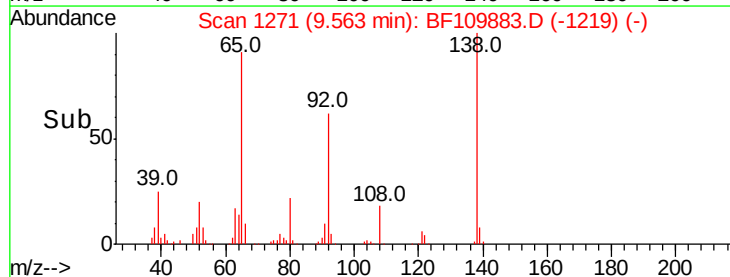
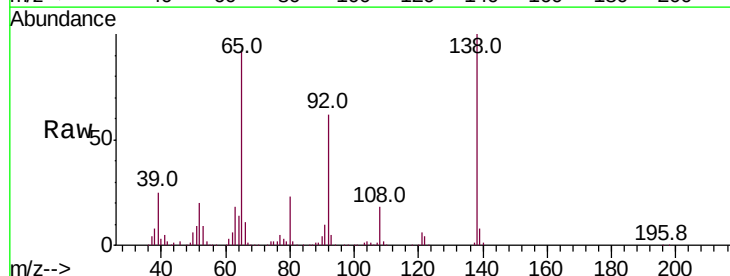
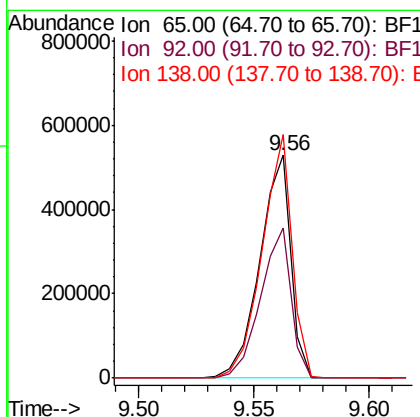
Manual Integrations
 APPROVED

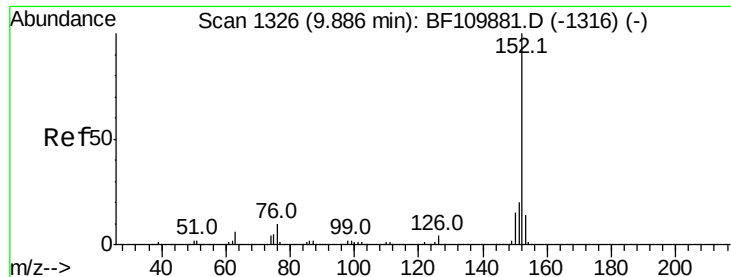
Sohil
 10/16/2018 9:57:21 AM



#48
 2-Nitroaniline
 Concen: 54.593 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	81.8
138	109.2	80.3	120.5





#49

Acenaphthylene

Concen: 53.447 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 2332679

Ion Ratio Lower Upper

152 100

151 21.4 15.8 23.8

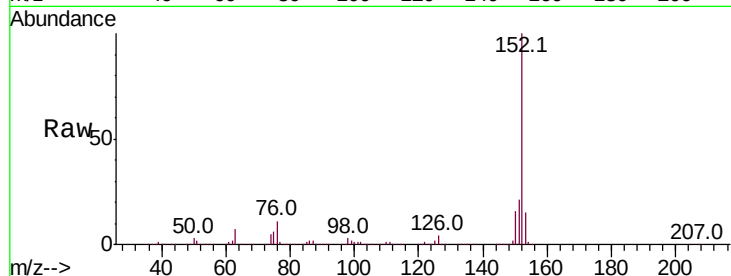
153 15.0 10.4 15.6

Manual Integrations

APPROVED

Sohil

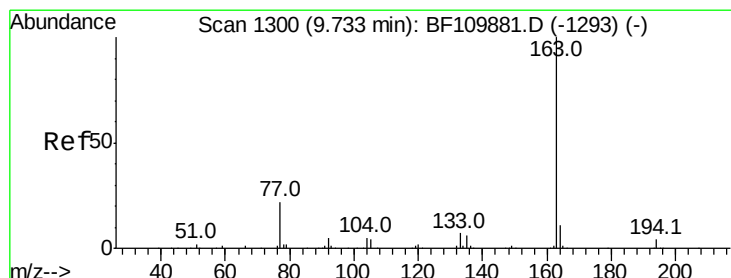
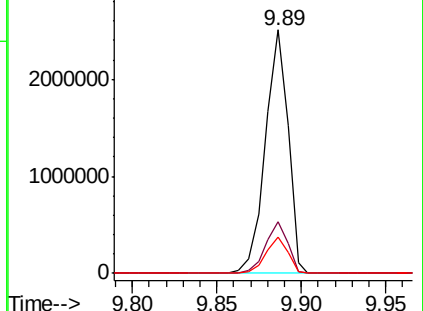
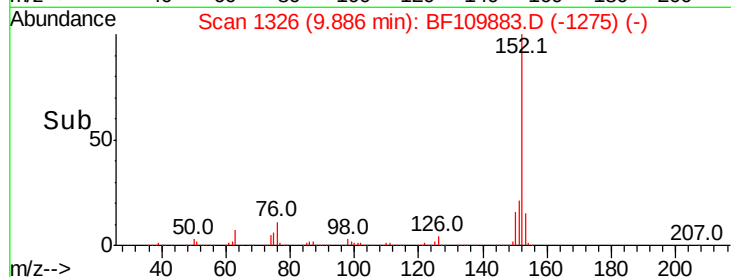
10/16/2018 9:57:21 AM



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: 54.201 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

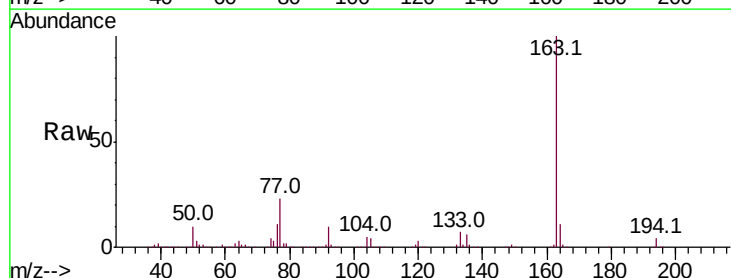
Tgt Ion:163 Resp: 1778072

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

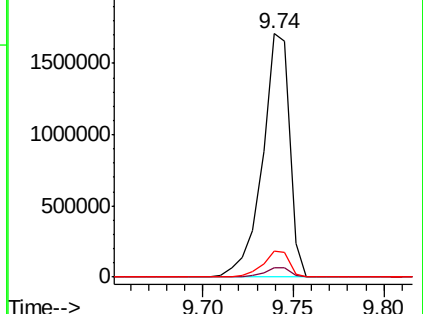
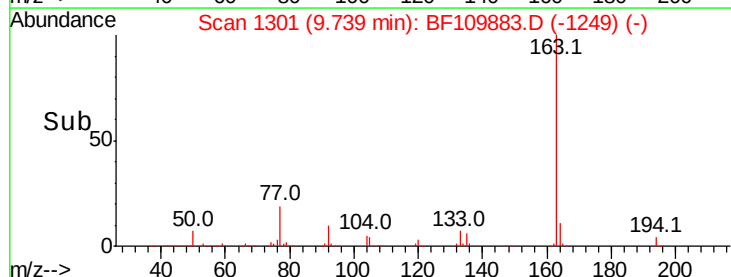
164 10.9 8.1 12.1

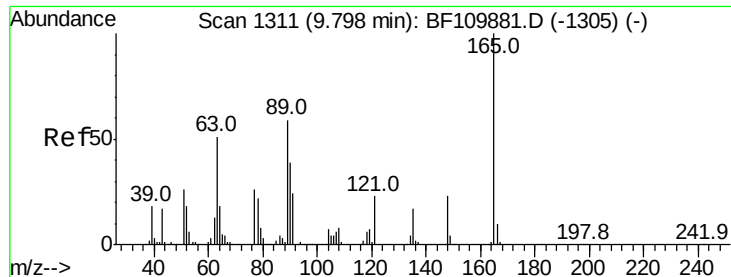


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.306 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

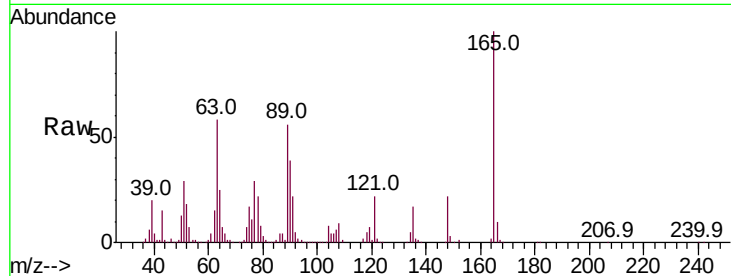
ClientSampleId :

SSTDIC060

Tot Ion:	165	Resp:	386171
Ion Ratio	Lower	Upper	
165	100		
63	58.2	48.9	73.3
89	55.8	46.6	69.8

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM

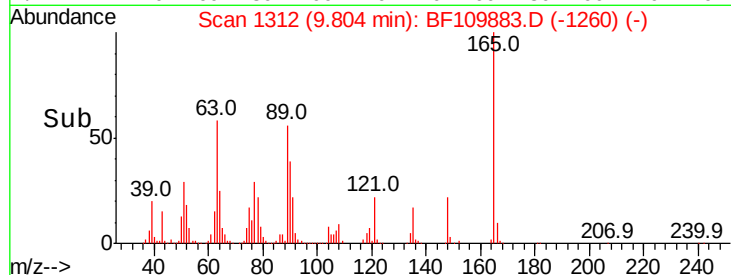


Abundance Ion 165.00 (164.70 to 165.70): E

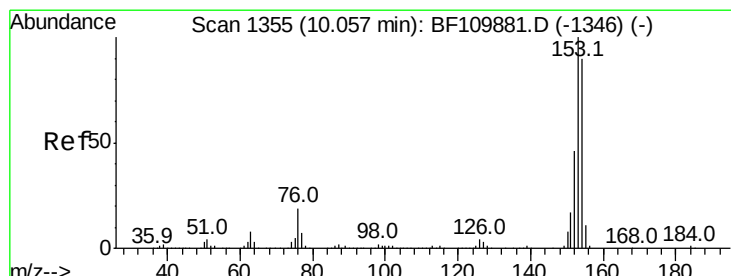
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 58.031 ng

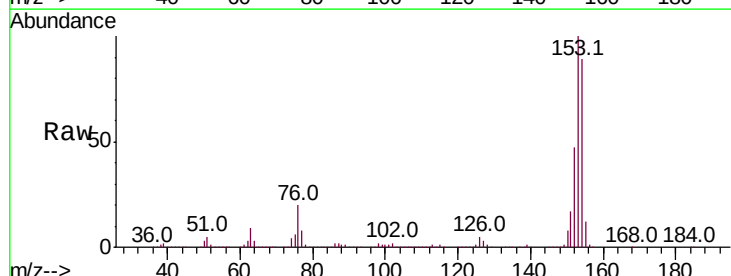
RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Tgt Ion:	154	Resp:	1501395
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.1	135.1
152	52.8	43.4	65.2

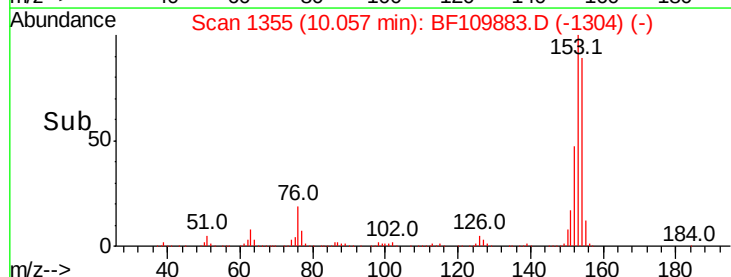


Abundance Ion 154.00 (153.70 to 154.70): E

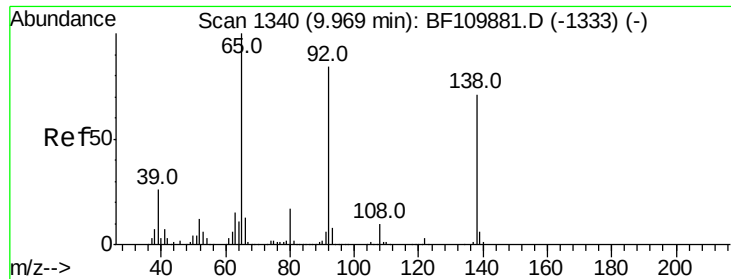
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



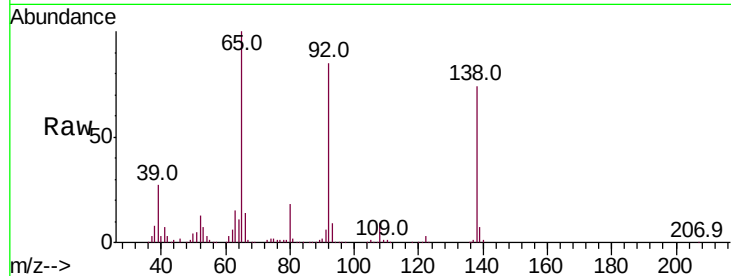
#53
3-Nitroaniline
Concen: 59.158 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.7	13.1
92	115.7	97.0	145.4

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM

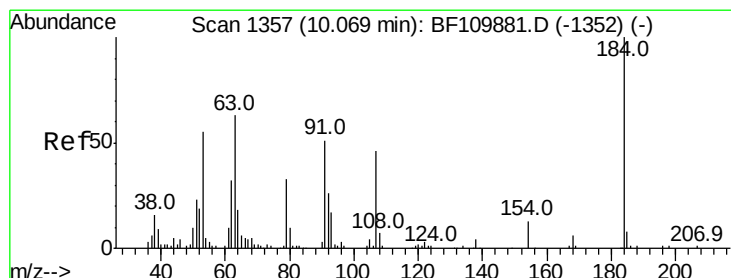
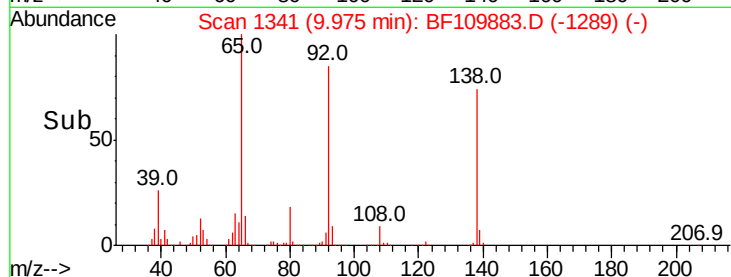
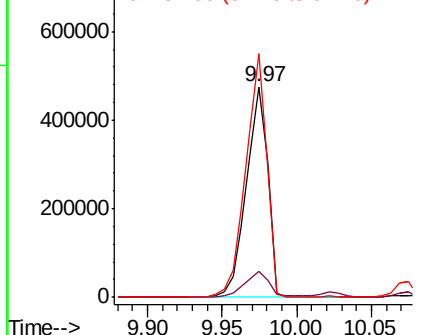


Abundance

Ion 138.00 (137.70 to 138.70): E

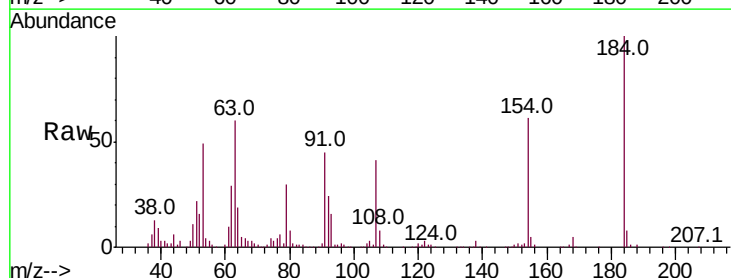
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 48.762 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	55.8	83.6
154	61.2	63.2	94.8#

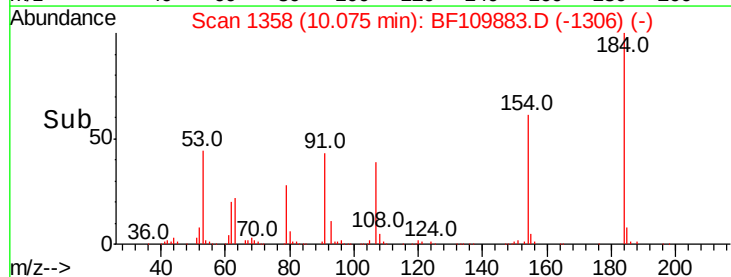
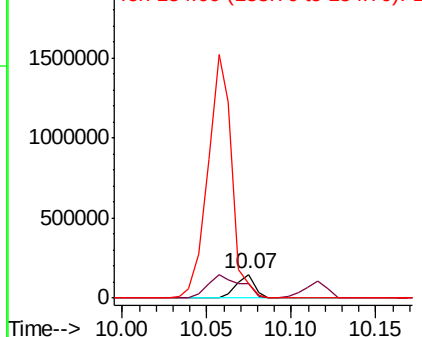


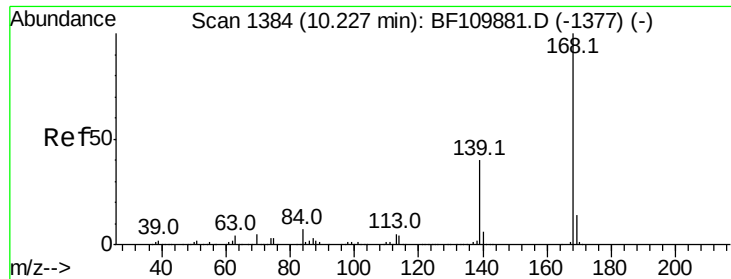
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





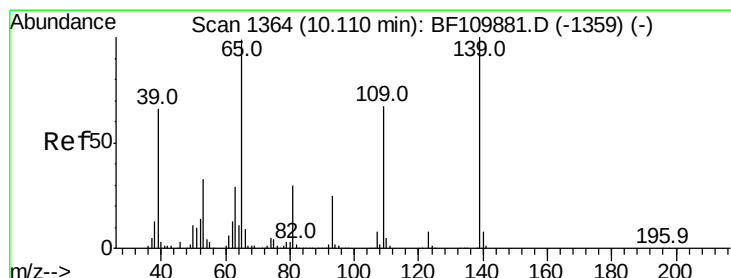
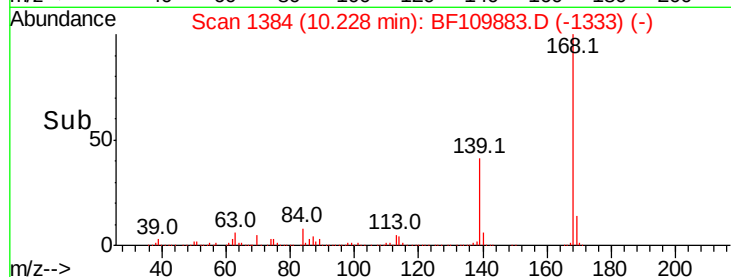
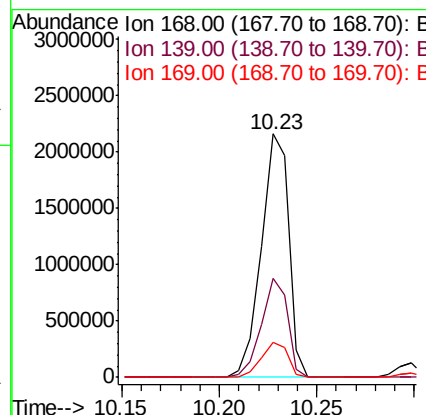
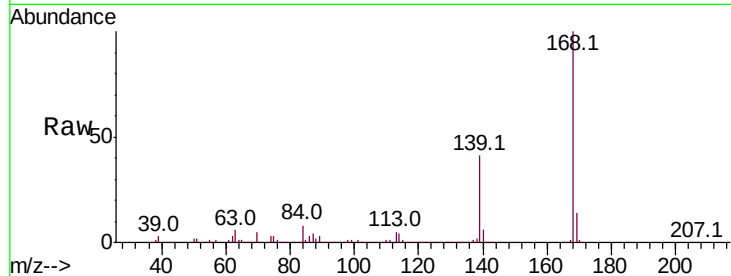
#55
Dibenzofuran
Concen: 54.146 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	33.0	49.6
169	14.5	11.3	16.9

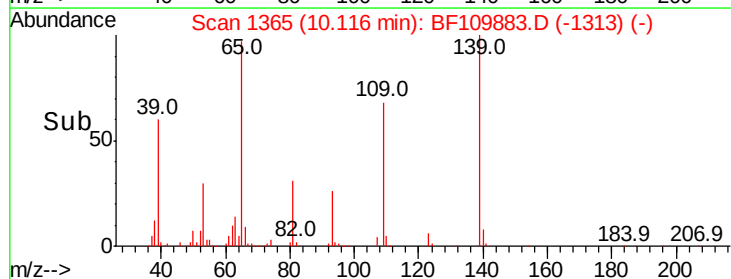
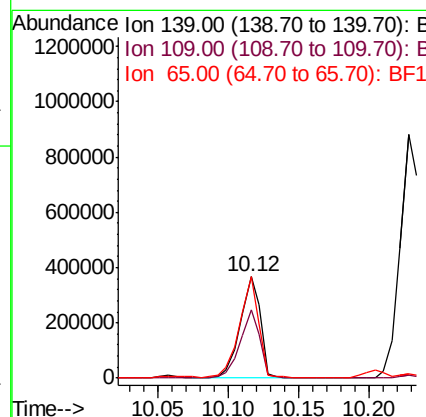
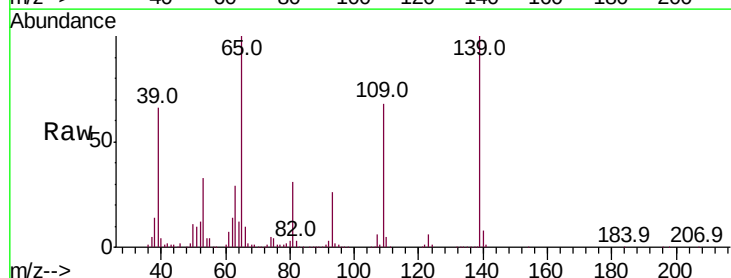
Manual Integrations
APPROVED

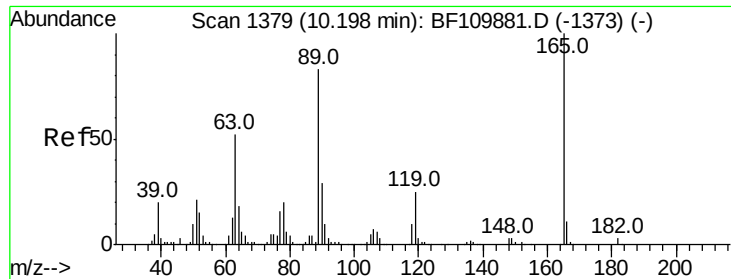
Sohil
10/16/2018 9:57:21 AM



#56
4-Nitrophenol
Concen: 83.717 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	55.8	95.8
65	99.6	77.9	117.9





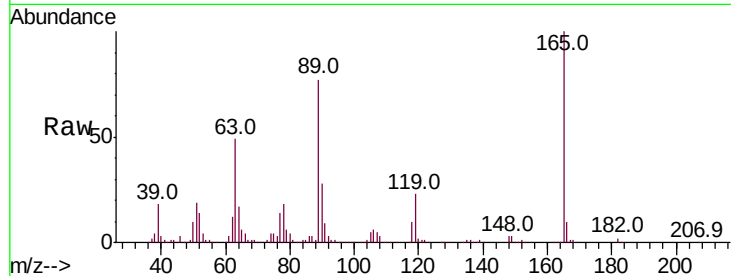
#57
2,4-Dinitrotoluene
Concen: 54.005 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	479253		
63	49.3		44.8	67.2
89	77.4		62.2	93.4
182	2.4		2.1	3.1

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



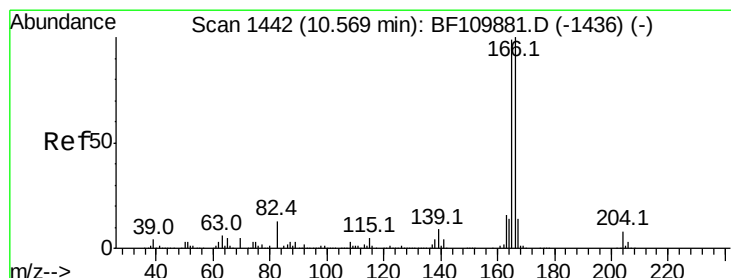
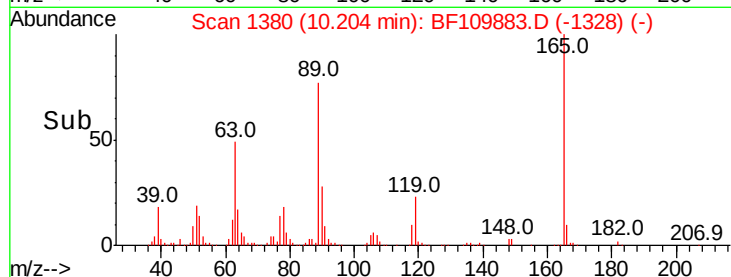
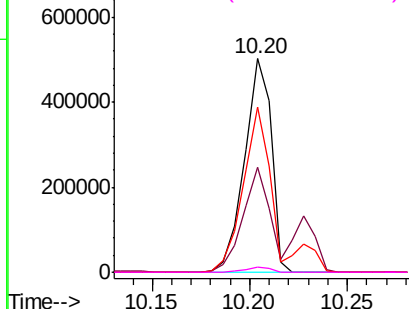
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

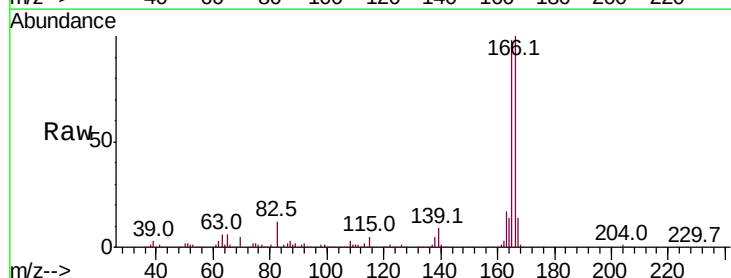
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 52.196 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1511688		
165	98.3		78.6	117.8
167	13.5		10.8	16.2

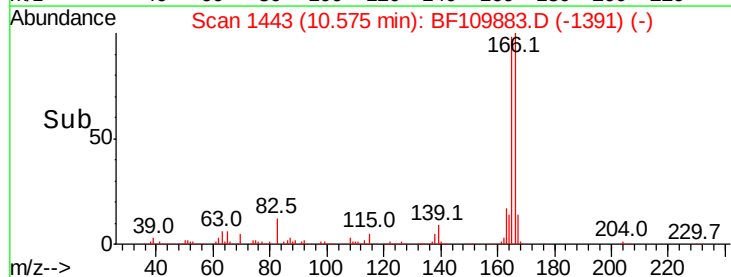
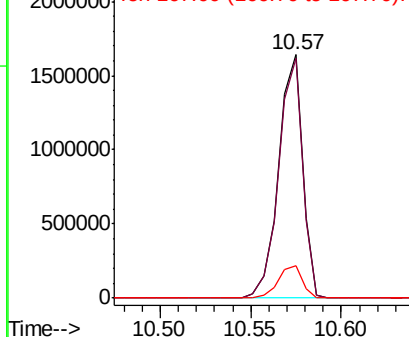


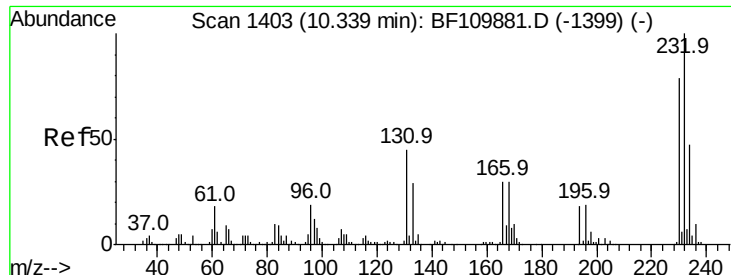
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





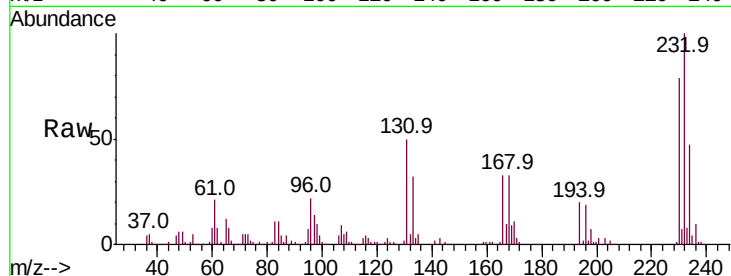
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.434 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.3	37.0	55.4
130	2.4	1.8	2.6
166	32.1	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:21 AM



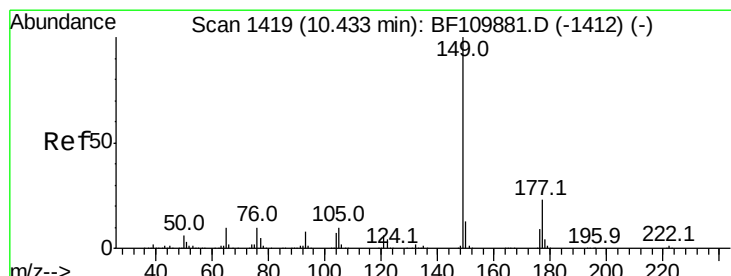
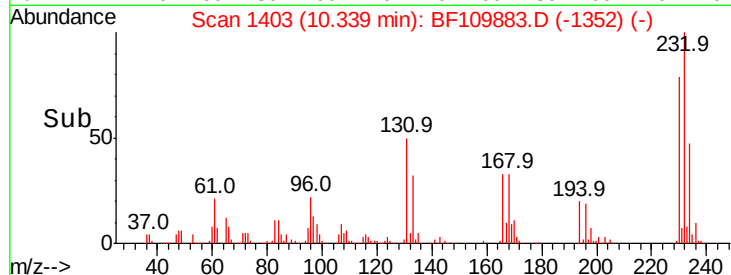
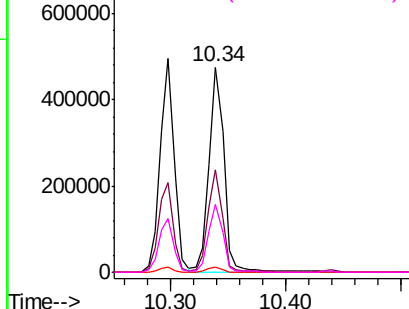
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

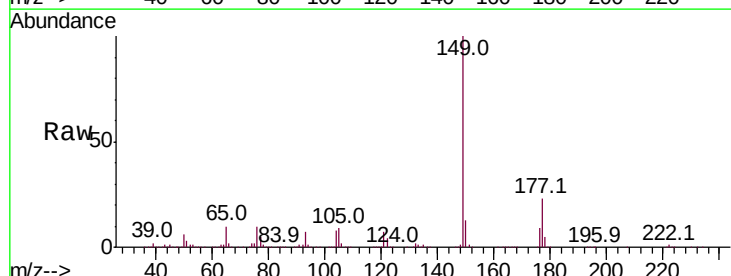
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 53.315 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.4	26.2
150	13.0	9.8	14.8

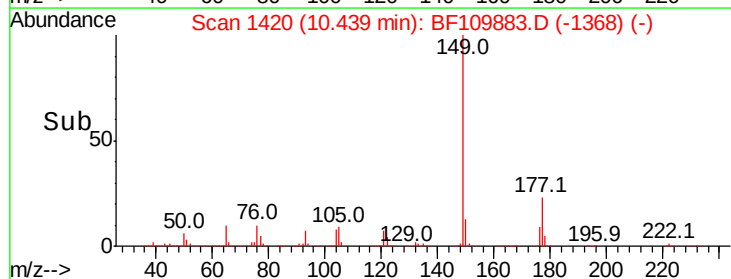
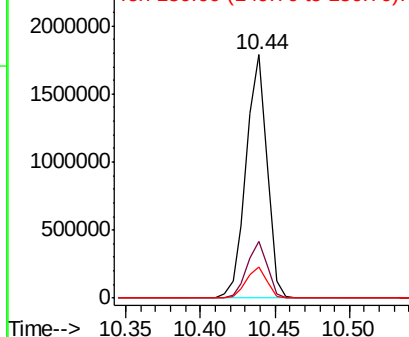


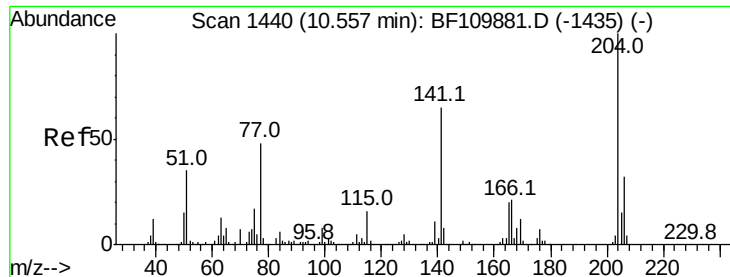
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





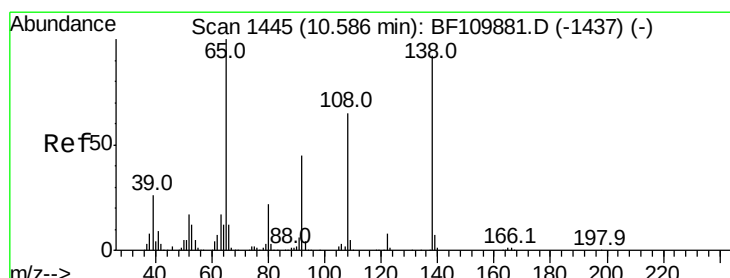
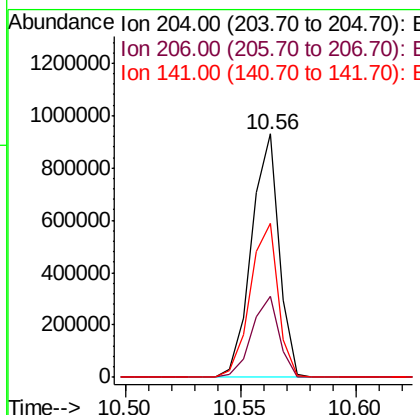
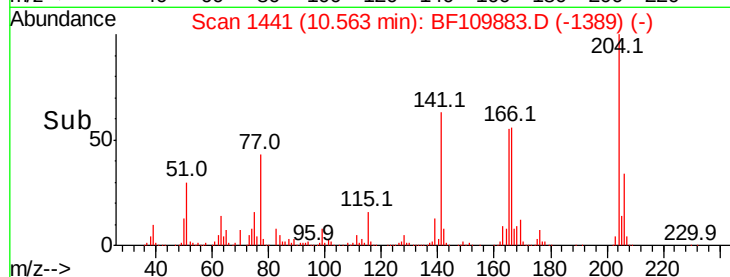
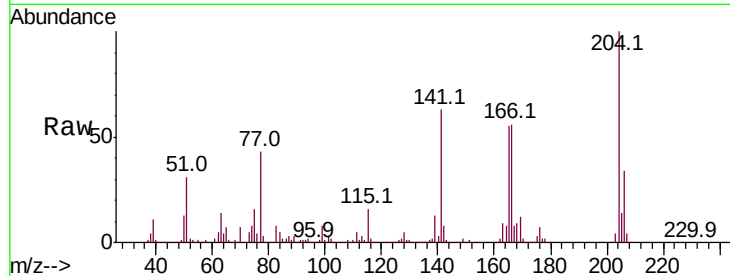
#61
4-Chlorophenyl-phenylether
Concen: 50.875 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	63.2	51.8	77.8

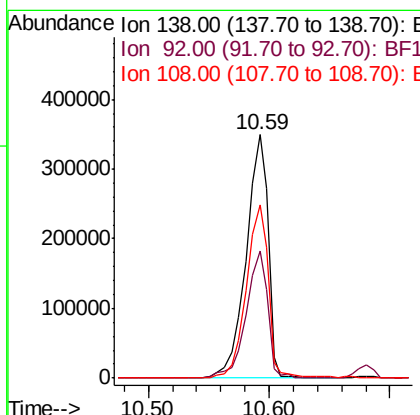
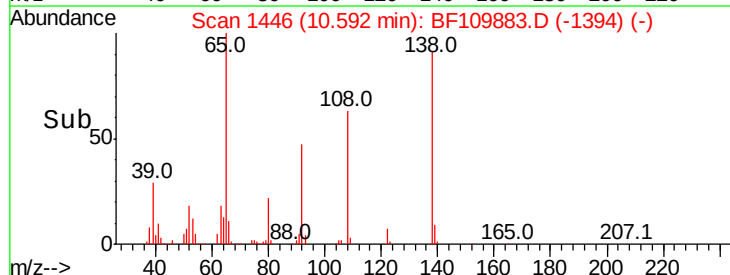
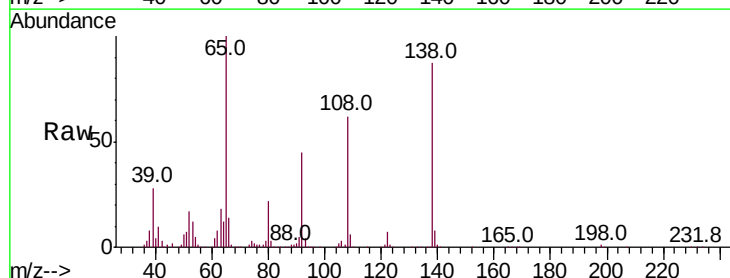
Manual Integrations
APPROVED

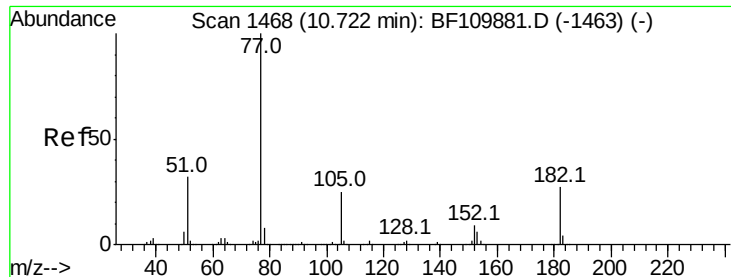
Sohil
10/16/2018 9:57:21 AM



#62
4-Nitroaniline
Concen: 60.426 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.7	71.7
108	71.4	59.3	99.3





#63

Azobenzene

Concen: 53.723 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 77 Resp: 1773230

Ion Ratio Lower Upper

77 100

182 25.4 4.3 44.3

105 24.0 1.3 41.3

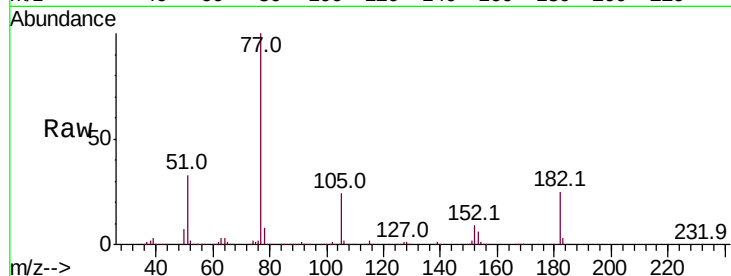
51 33.0 9.0 49.0

Manual Integrations

APPROVED

Sohil

10/16/2018 9:57:21 AM

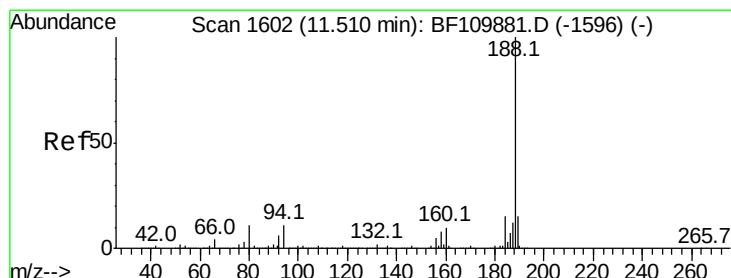
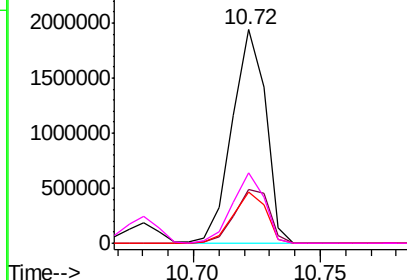
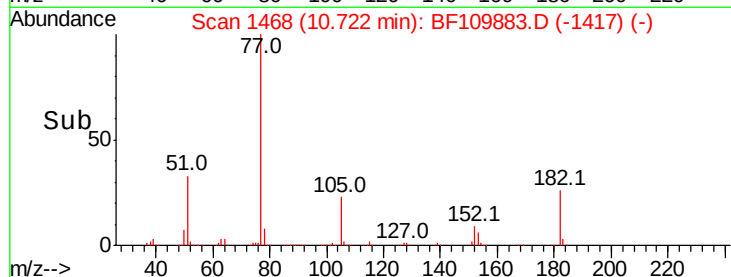


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF109883.D

Acq: 15 Oct 2018 17:05

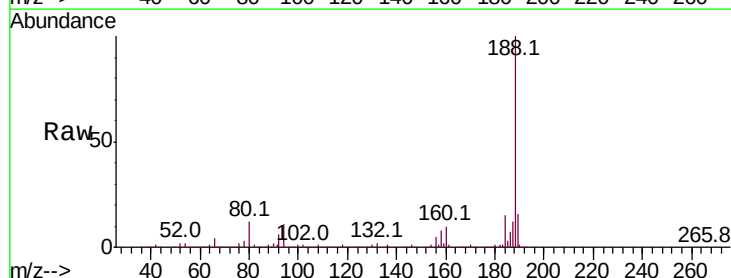
Tgt Ion: 188 Resp: 820658

Ion Ratio Lower Upper

188 100

94 11.0 7.2 10.8#

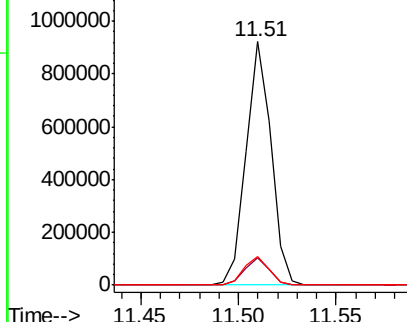
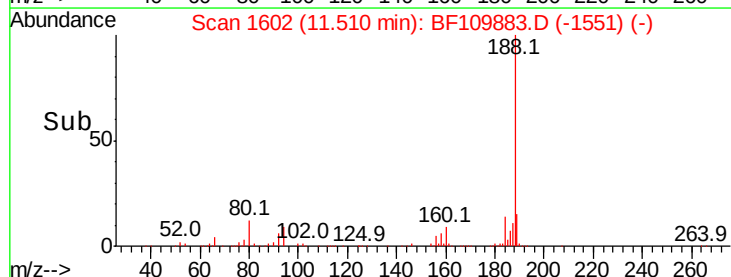
80 11.8 7.9 11.9

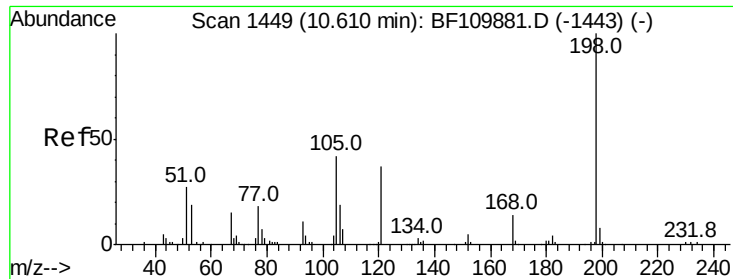


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





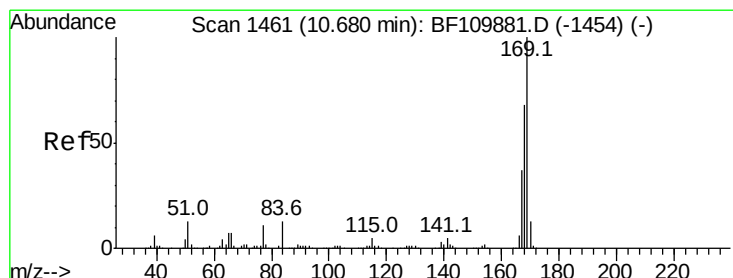
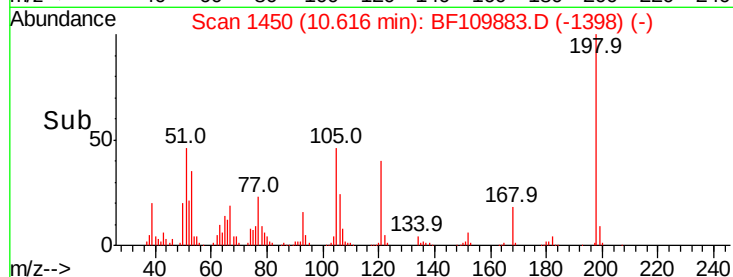
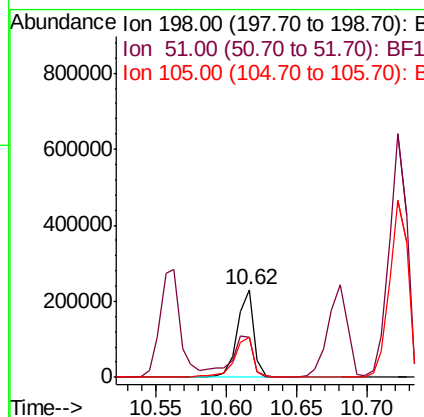
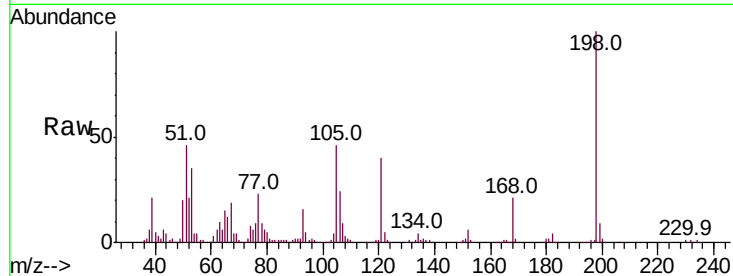
#65
4,6-Dinitro-2-methylphenol
Concen: 46.811 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	186978		
51	45.7	22.8	62.8	
105	45.8	23.6	63.6	

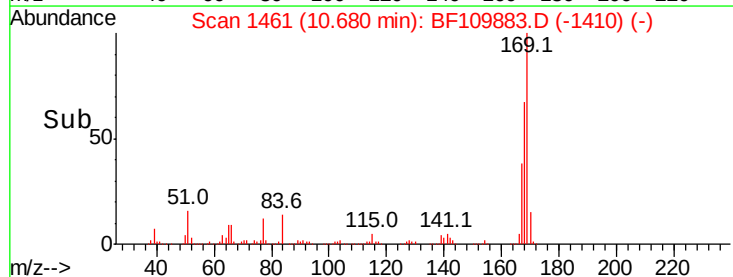
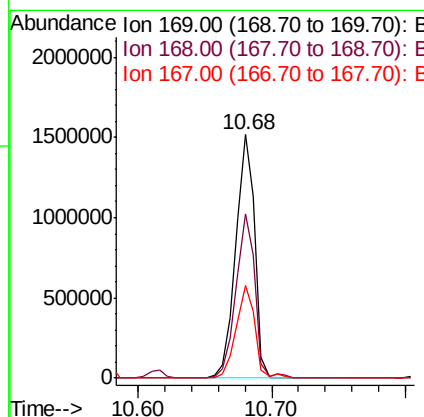
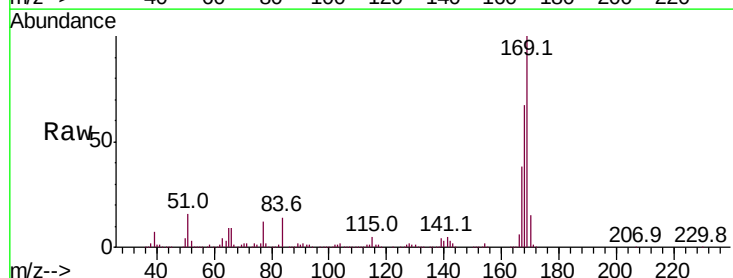
Manual Integrations
APPROVED

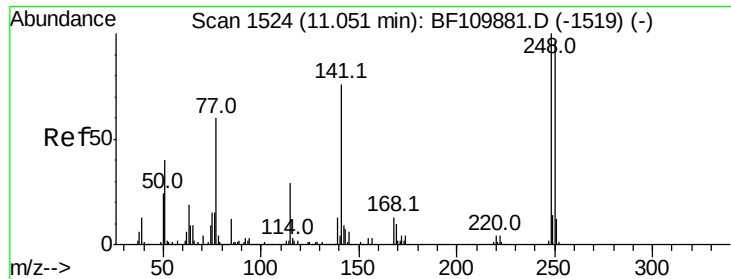
Sohil
10/16/2018 9:57:21 AM



#66
n-Nitrosodiphenylamine
Concen: 54.253 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1509346		
168	67.4	51.2	76.8	
167	37.9	27.8	41.6	





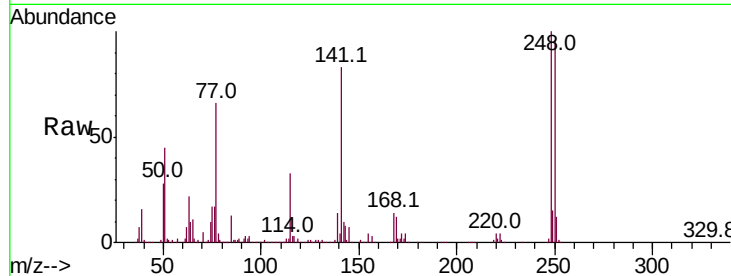
#67
4-Bromophenyl-phenylether
Concen: 52.386 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	79.4	119.2
141	83.5	55.9	83.9

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM

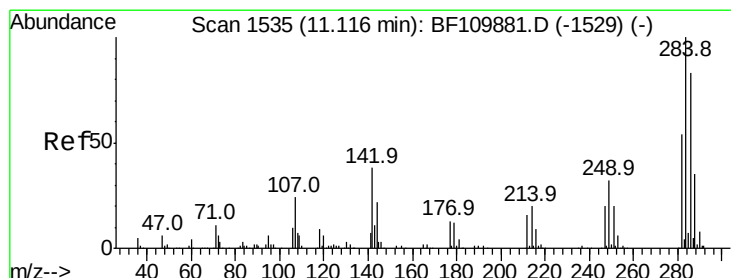
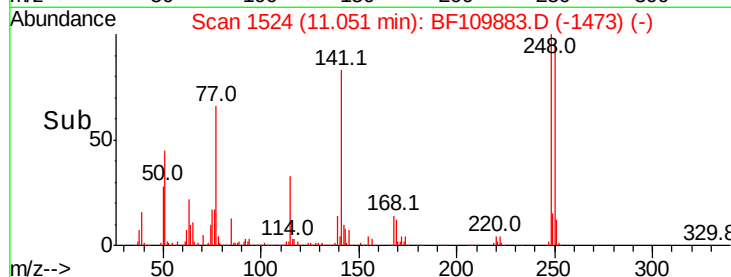
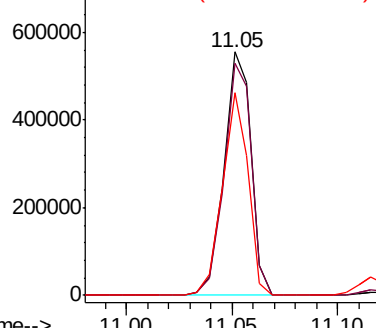


Abundance

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: 51.532 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

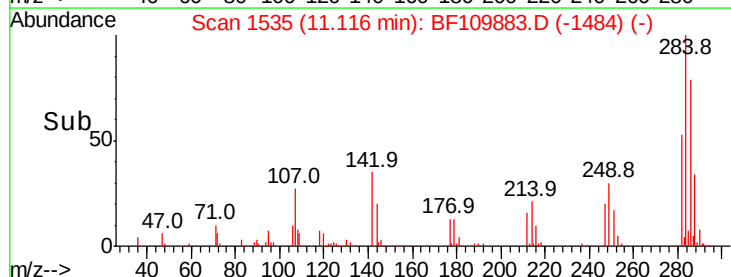
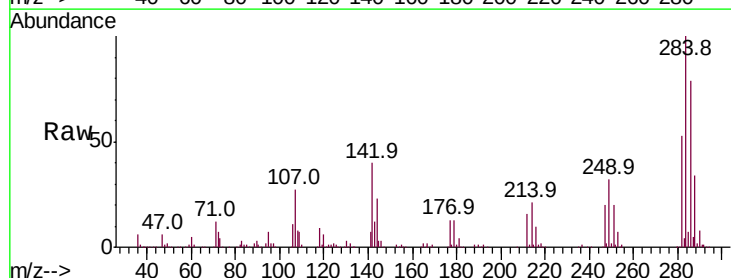
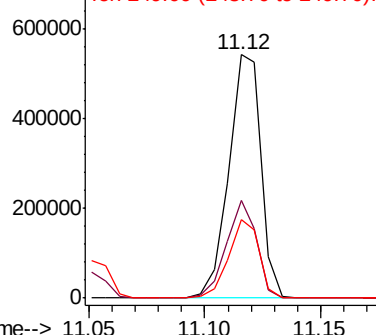
Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.2	23.9	35.9#
249	32.0	24.2	36.2

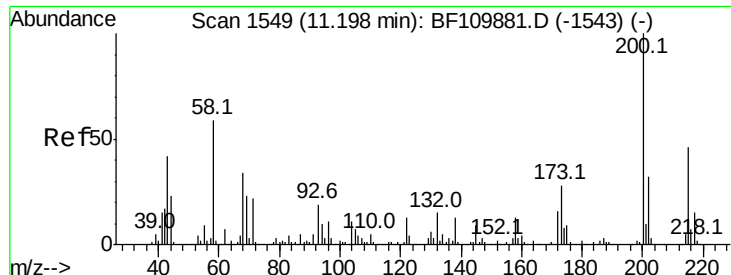
Abundance

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





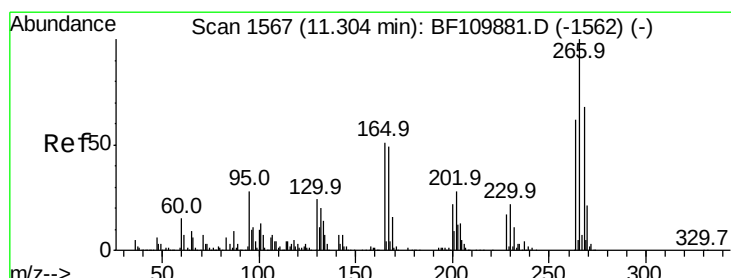
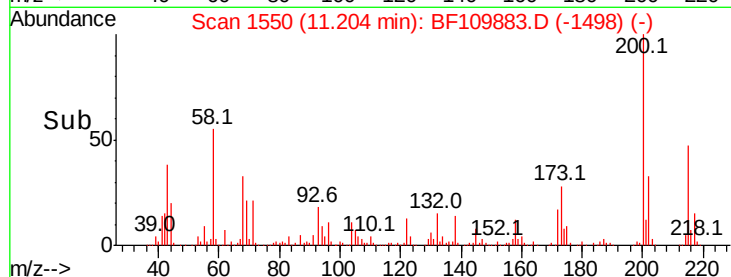
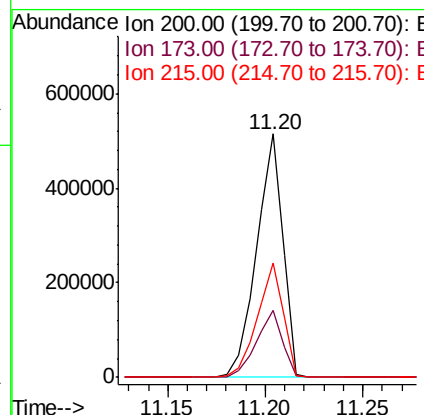
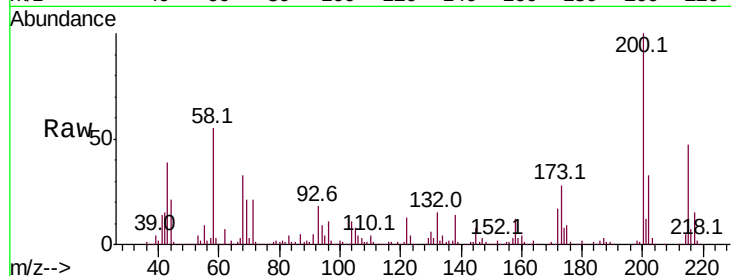
#69
Atrazine
Concen: 55.192 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	47.0	26.3	66.3

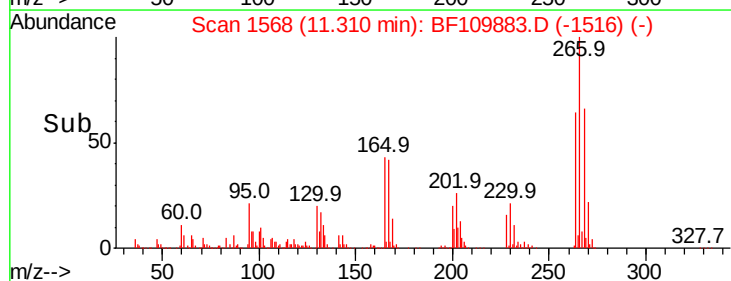
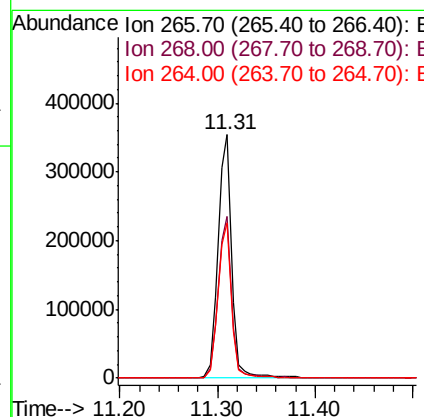
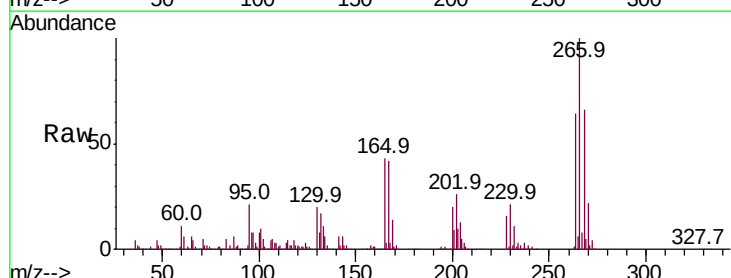
Manual Integrations
APPROVED

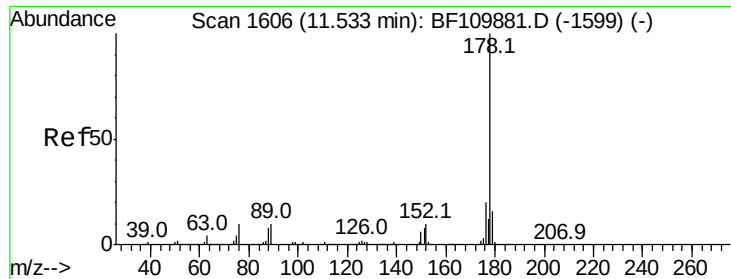
Sohil
10/16/2018 9:57:21 AM



#70
Pentachlorophenol
Concen: 60.103 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.6	75.8
264	63.9	50.6	75.8





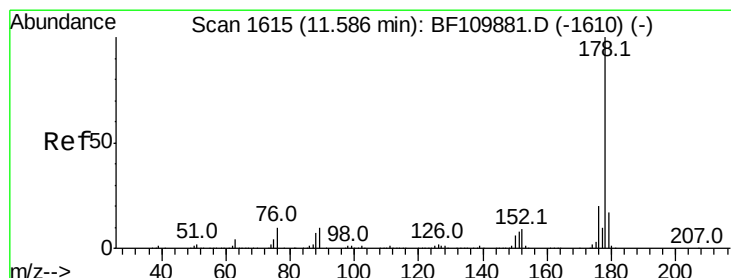
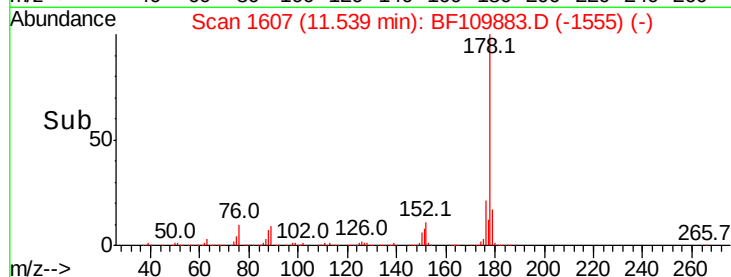
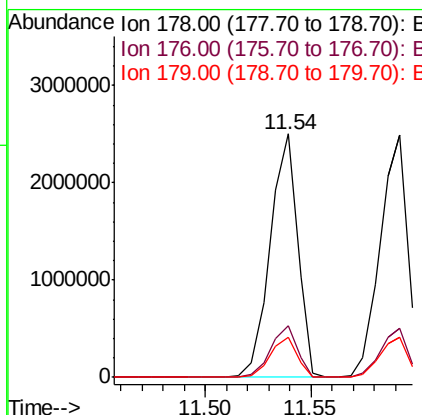
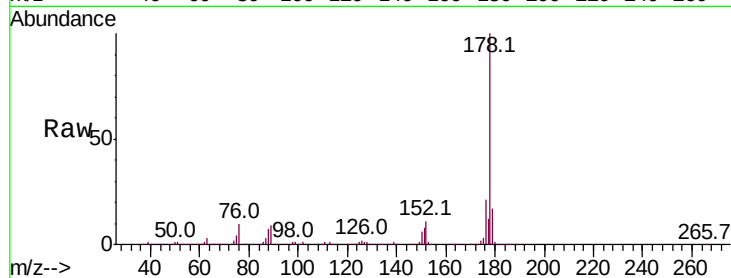
#71
Phenanthrene
Concen: 55.268 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.5	23.3
179	16.7	12.5	18.7

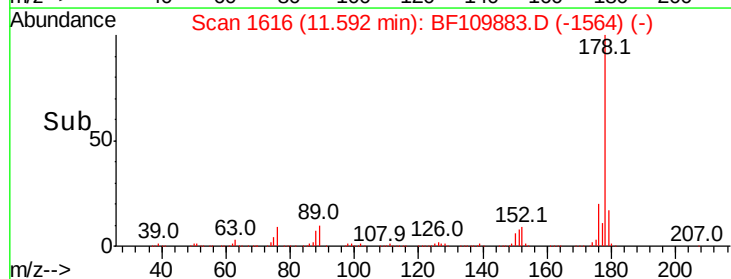
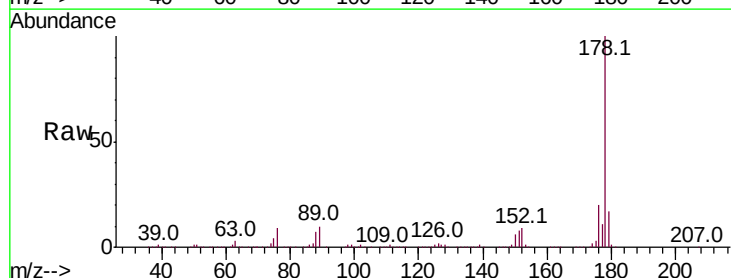
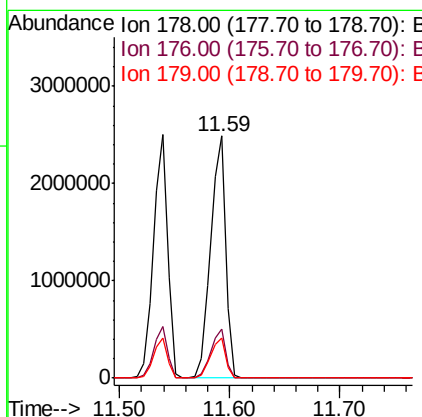
Manual Integrations
APPROVED

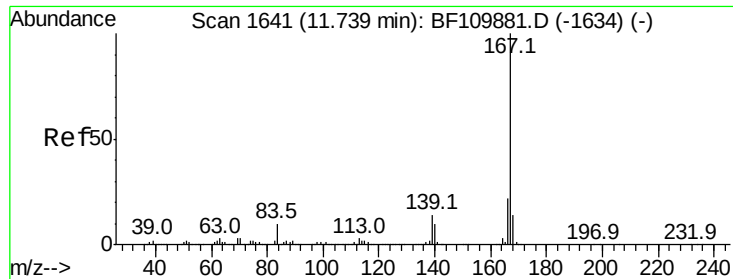
Sohil
10/16/2018 9:57:21 AM



#72
Anthracene
Concen: 54.017 ng
RT: 11.59 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.7	12.6	18.8





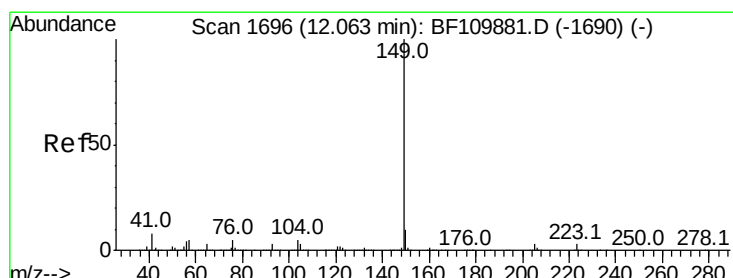
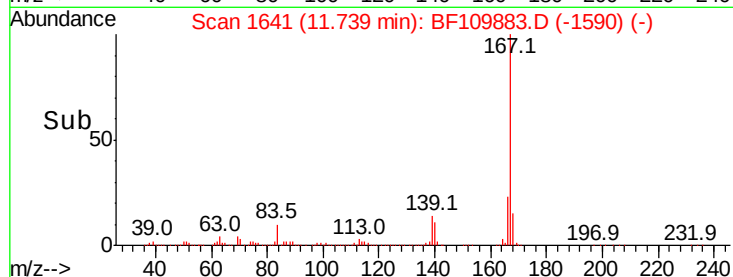
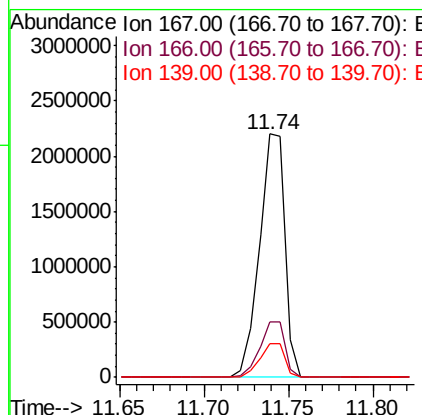
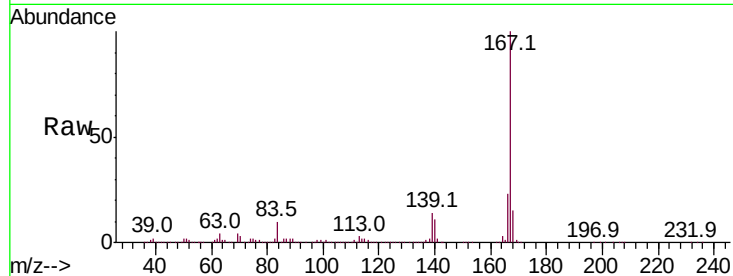
#73
 Carbazole
 Concen: 56.137 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	14.0	10.9	16.3

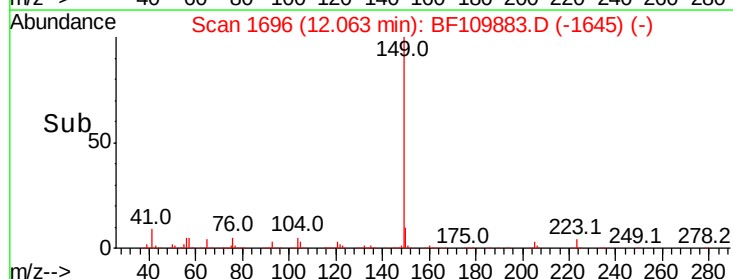
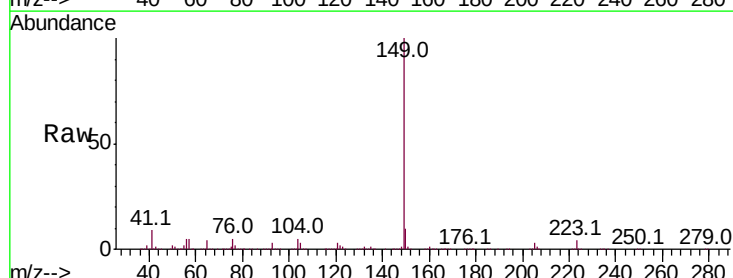
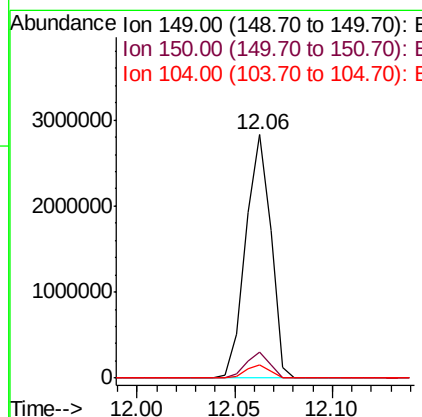
Manual Integrations
 APPROVED

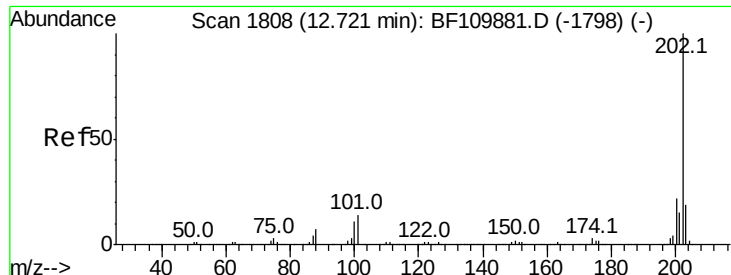
Sohil
 10/16/2018 9:57:21 AM



#74
 Di-n-butylphthalate
 Concen: 52.754 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109883.D
 Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.7	11.5
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 54.151 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

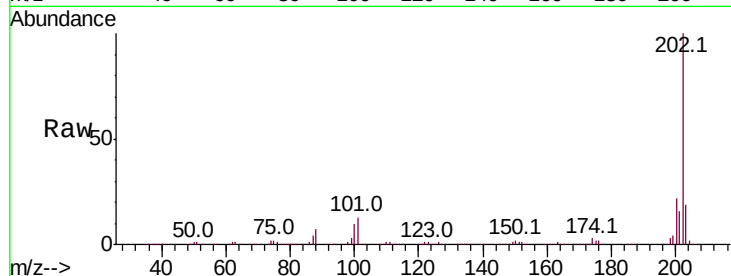
ClientSampleId :

SSTDIC060

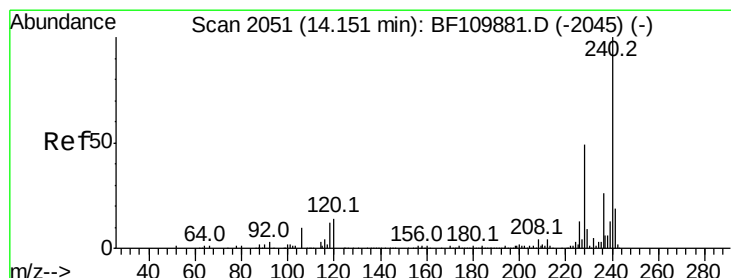
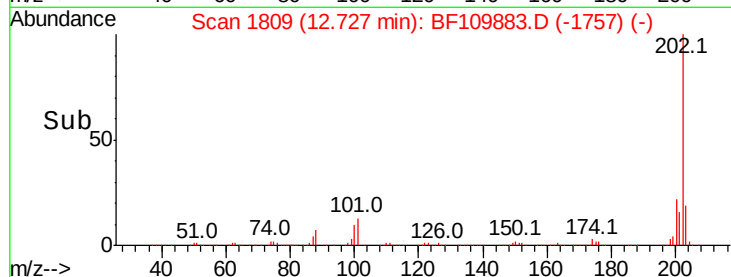
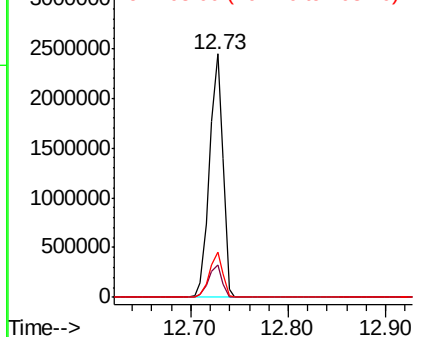
Tot Ion:	202	Resp:	2323296
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.4
203	18.7	0.0	37.7

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 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

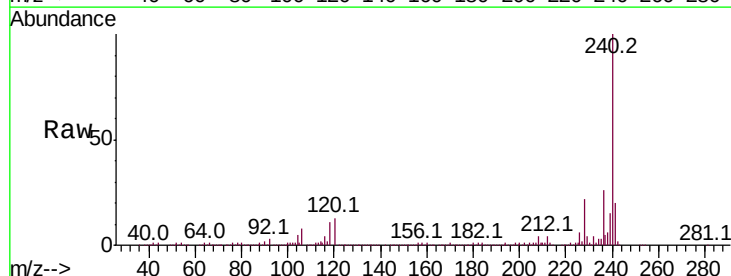
RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

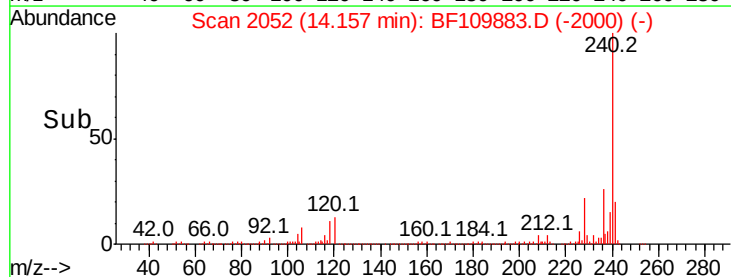
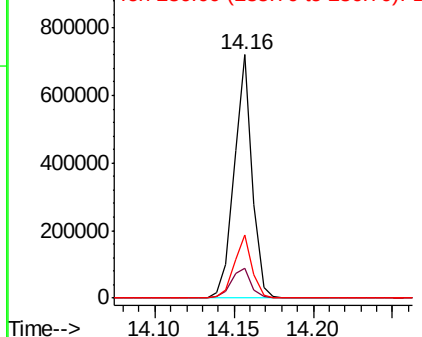
Lab File: BF109883.D

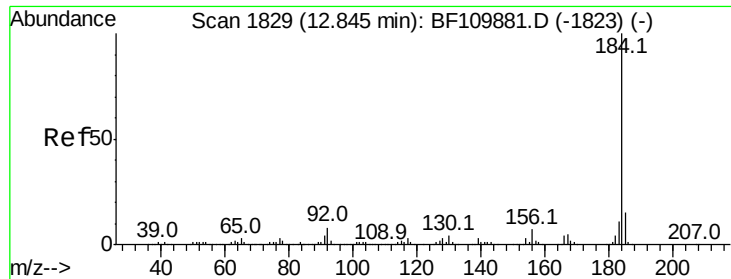
Acq: 15 Oct 2018 17:05

Tgt Ion:	240	Resp:	563116
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	25.9	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: 53.398 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:184 Resp: 1117005

Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.4	20.2
183	11.9	9.4	14.2

184 100

185 17.9 13.4 20.2

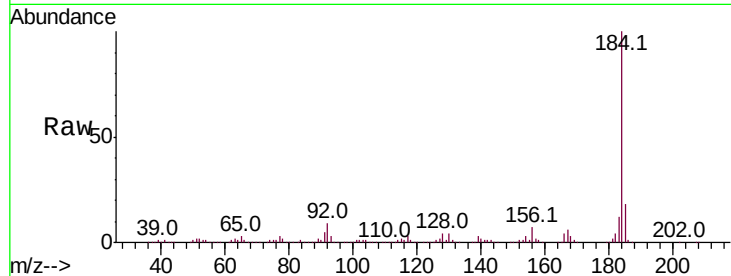
183 11.9 9.4 14.2

Manual Integrations

APPROVED

Sohil

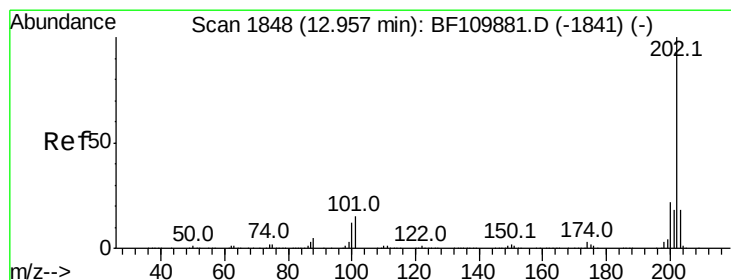
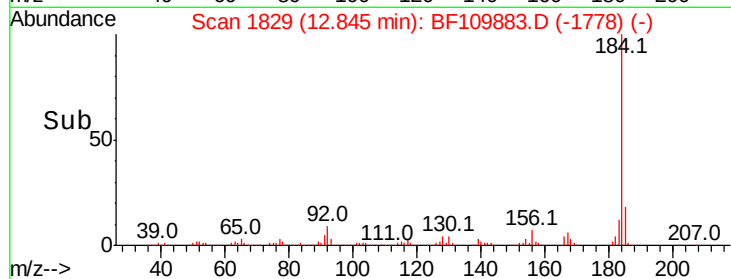
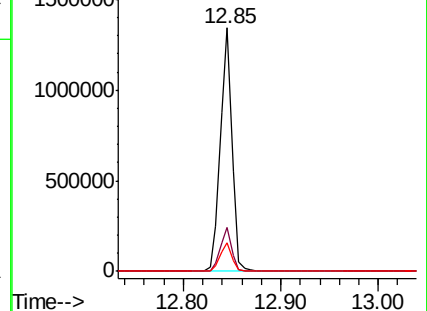
10/16/2018 9:57:21 AM



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: 57.791 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

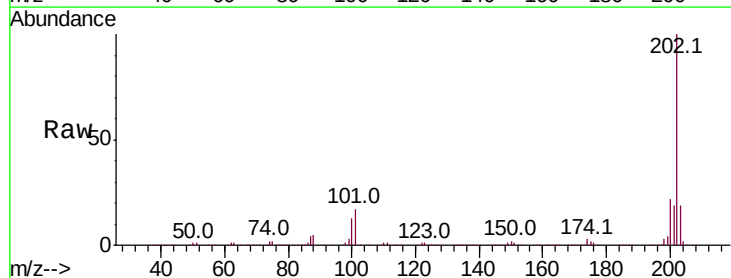
Tgt Ion:202 Resp: 2384306

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.8	26.6
203	18.8	14.2	21.4

202 100

200 22.4 17.8 26.6

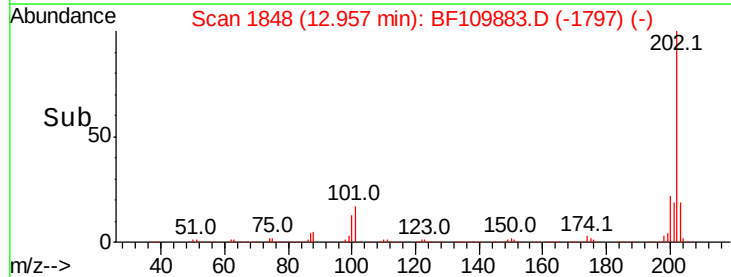
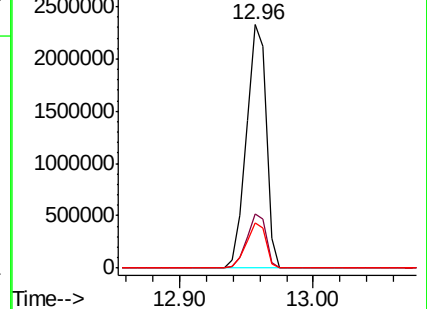
203 18.8 14.2 21.4

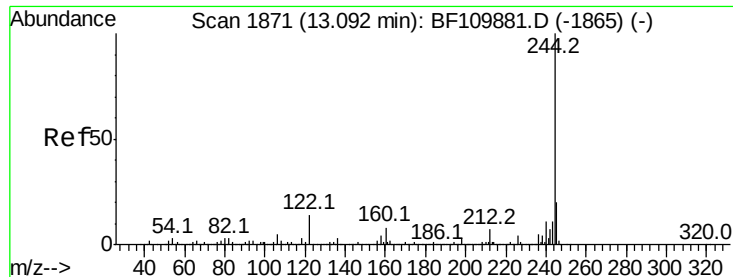


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.771 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:244 Resp: 2814963

Ion Ratio Lower Upper

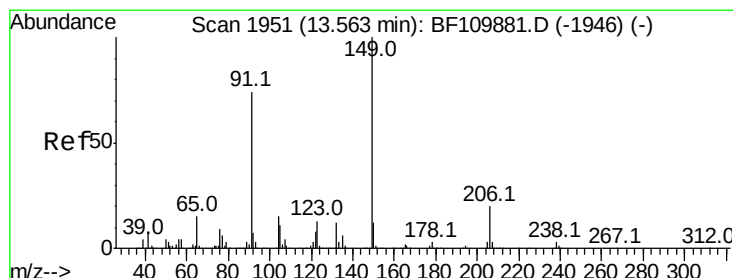
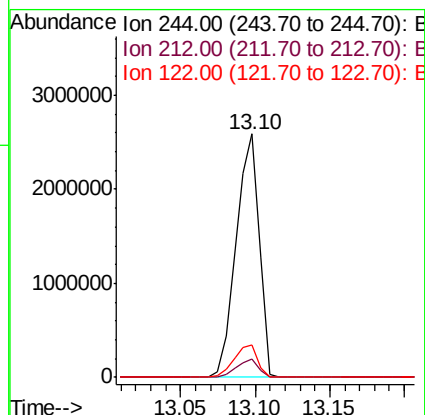
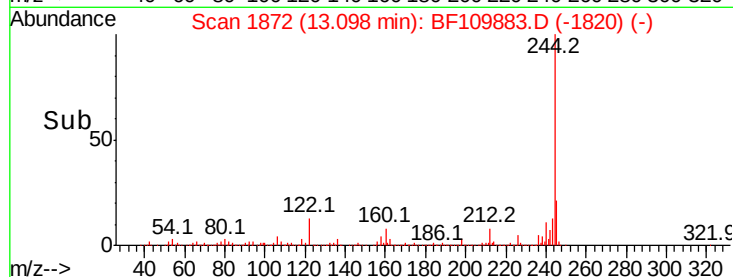
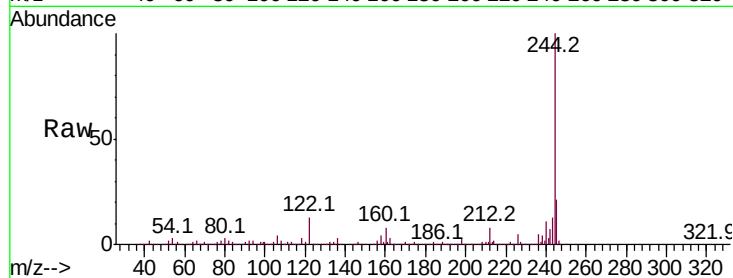
244 100

212 7.7 5.8 8.8

122 13.4 8.7 13.1#

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



#80

Butylbenzylphthalate

Concen: 58.141 ng

RT: 13.57 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

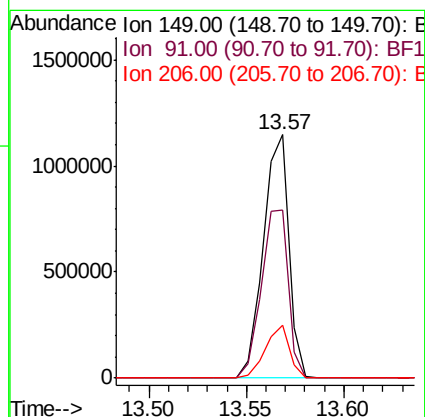
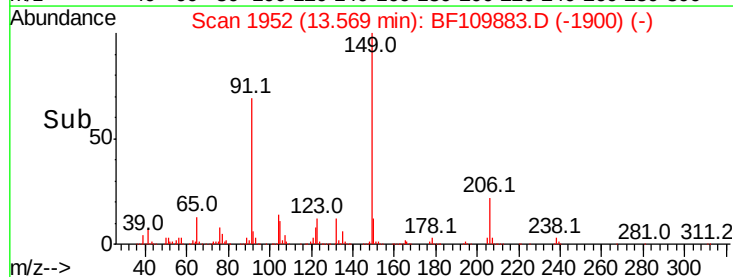
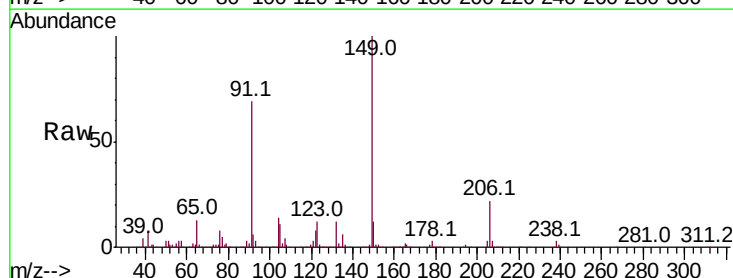
Tgt Ion:149 Resp: 1039998

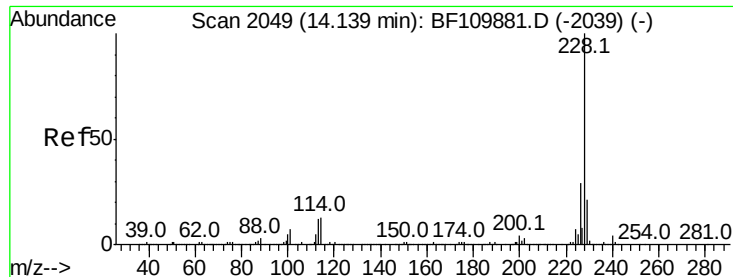
Ion Ratio Lower Upper

149 100

91 69.0 57.2 85.8

206 21.5 15.7 23.5





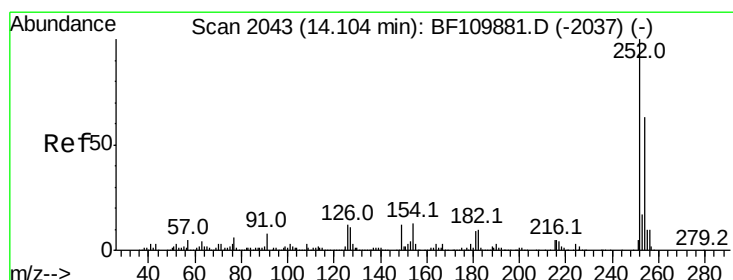
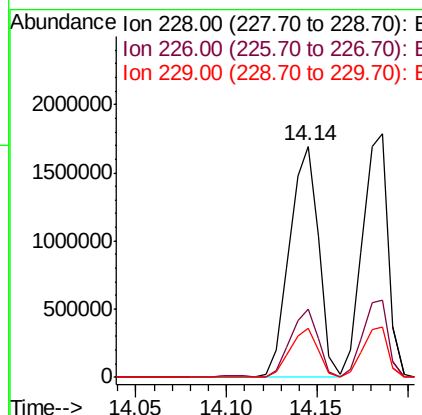
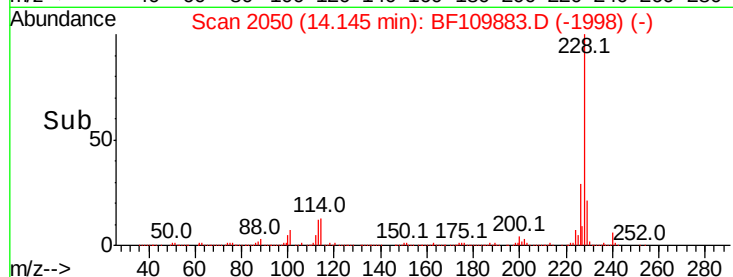
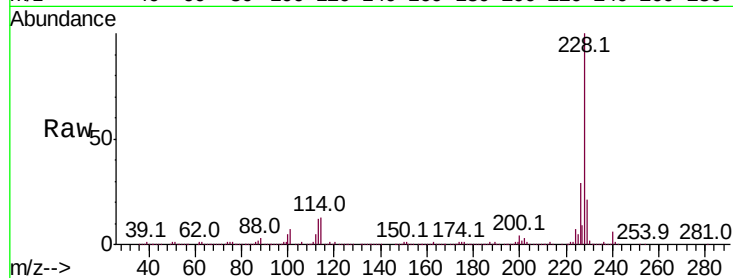
#81
Benzo(a)anthracene
Concen: 61.502 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.1	33.1
229	21.3	15.6	23.4

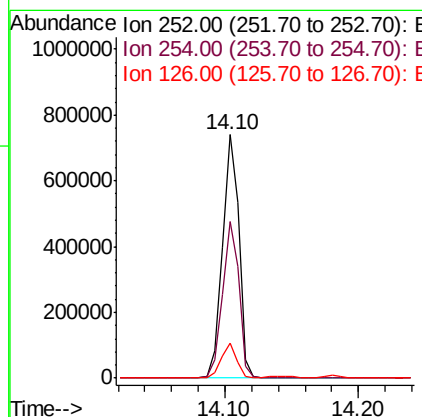
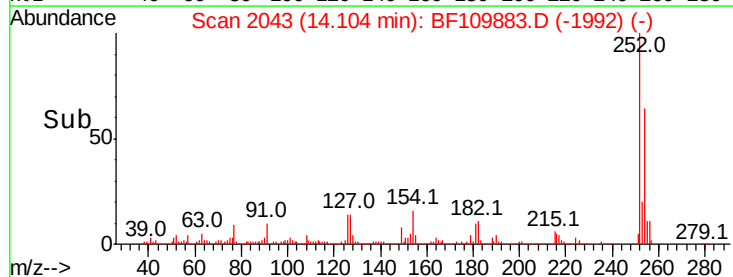
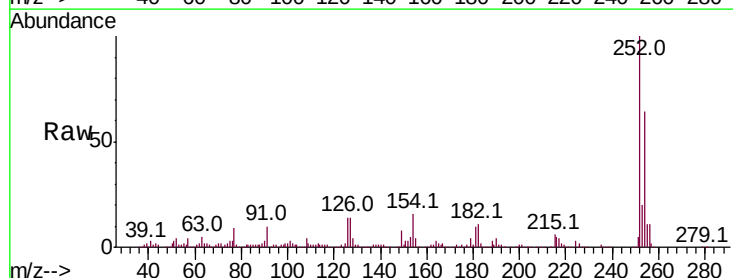
Manual Integrations
APPROVED

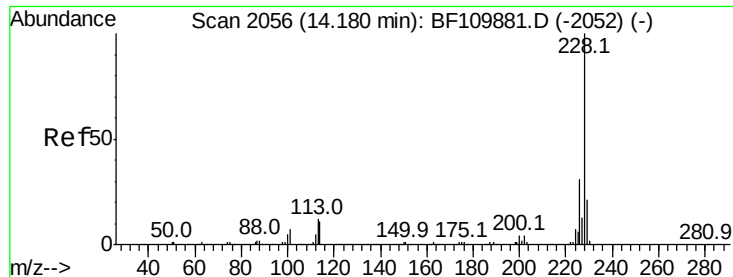
Sohil
10/16/2018 9:57:21 AM



#82
3,3'-Dichlorobenzidine
Concen: 51.908 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	14.2	9.4	14.2





#83

Chrysene

Concen: 53.962 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 1761371

Ion Ratio Lower Upper

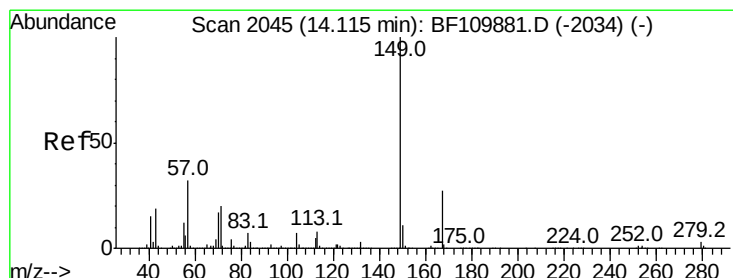
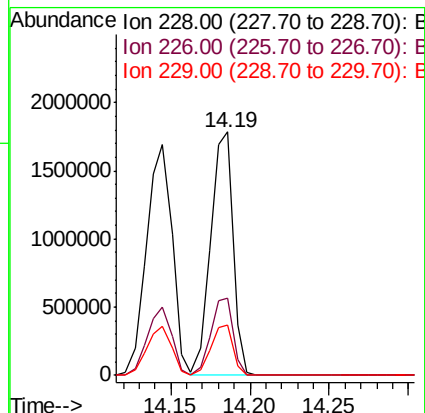
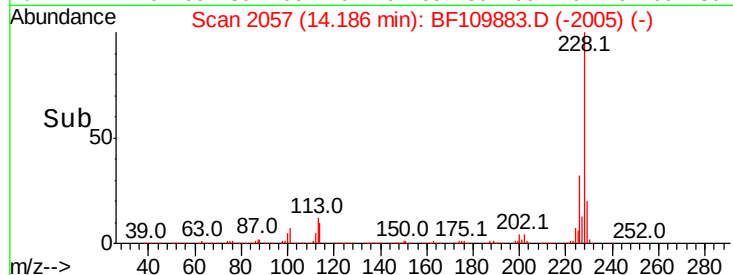
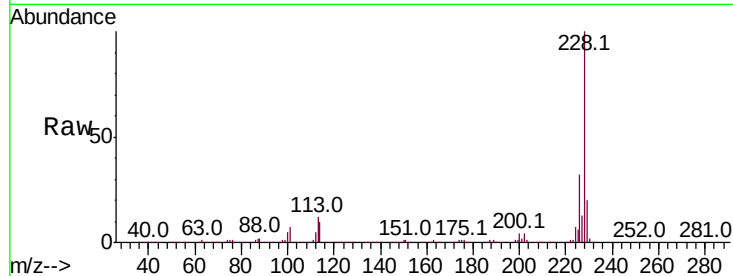
228 100

226 31.8 24.7 37.1

229 20.5 15.9 23.9

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:21 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.181 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

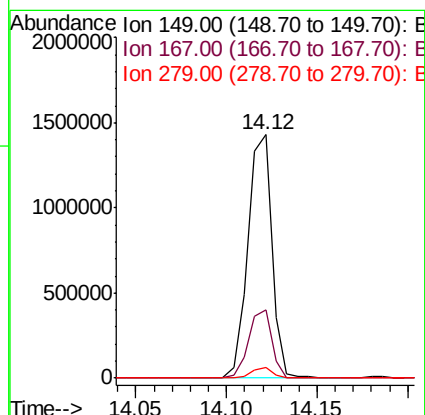
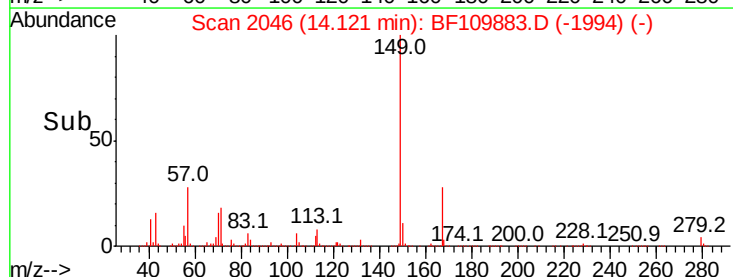
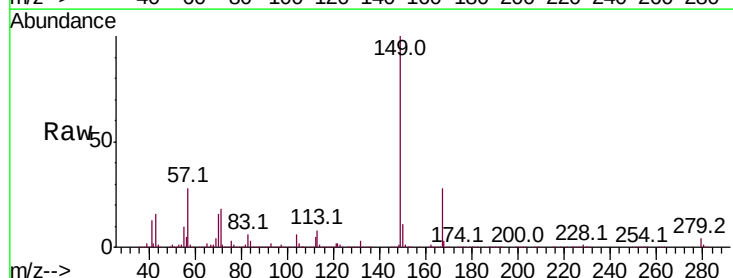
Tgt Ion:149 Resp: 1313355

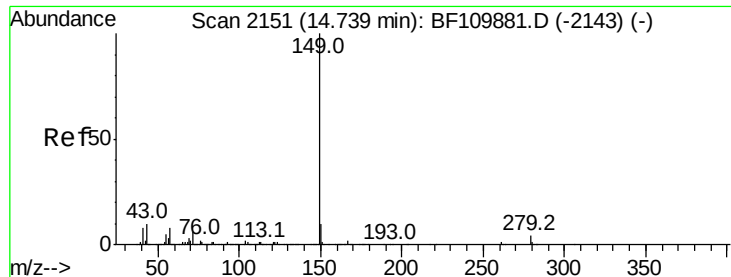
Ion Ratio Lower Upper

149 100

167 28.1 19.8 29.8

279 4.2 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 55.502 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1914528

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

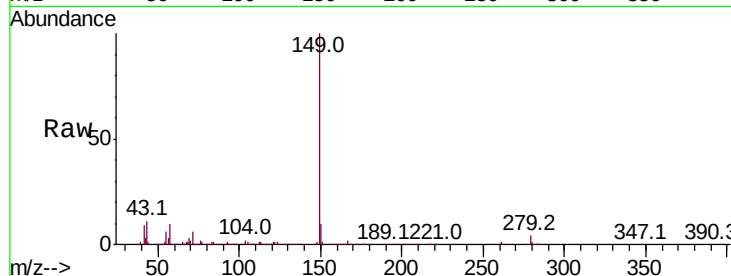
43 11.2 7.8 11.8

Manual Integrations

APPROVED

Sohil

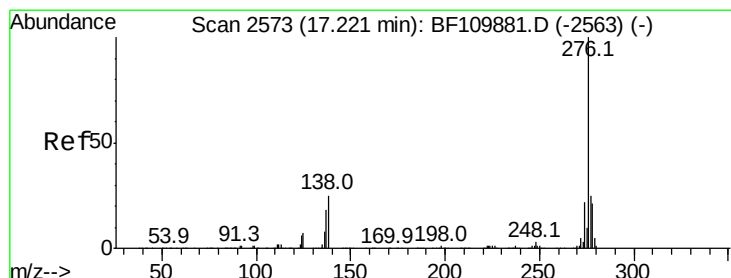
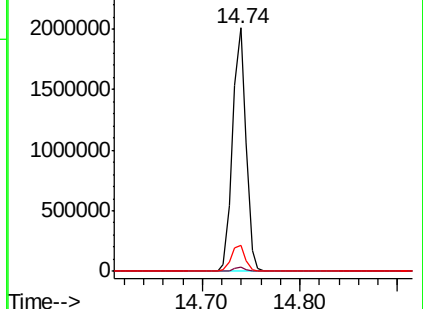
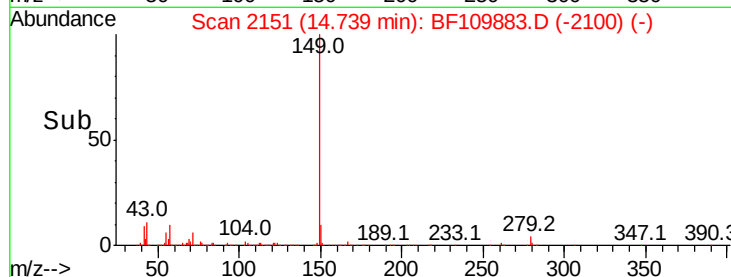
10/16/2018 9:57:21 AM



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: 68.228 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

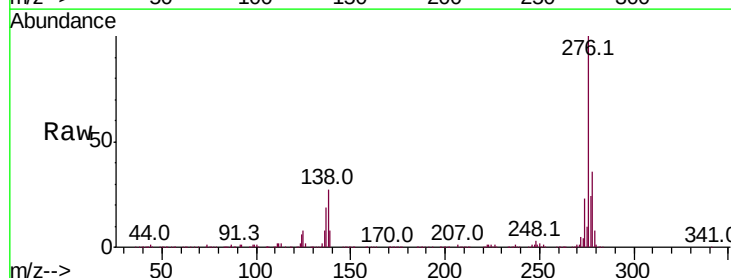
Tgt Ion:276 Resp: 1594002

Ion Ratio Lower Upper

276 100

138 29.9 18.5 27.7#

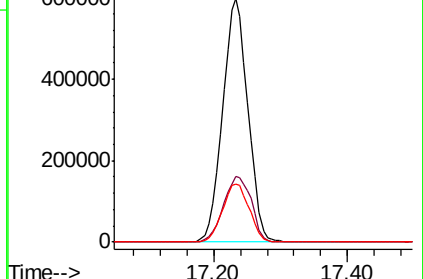
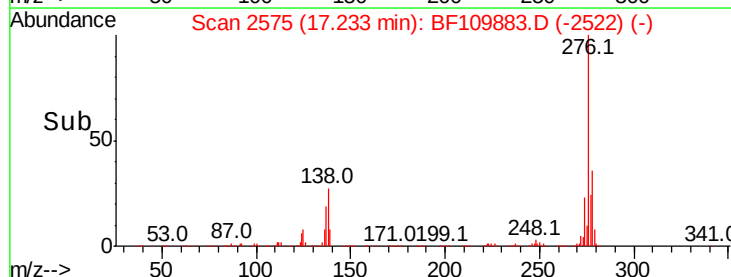
277 25.3 20.0 30.0

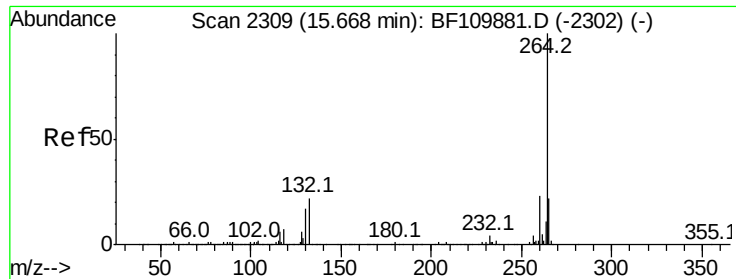


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





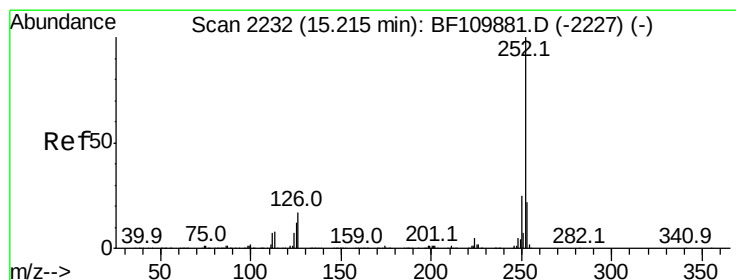
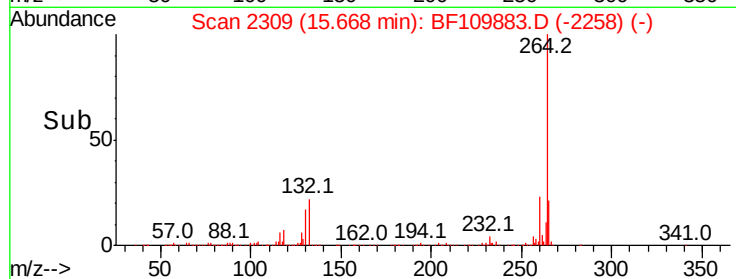
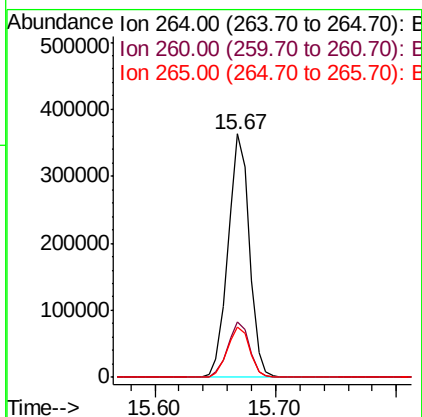
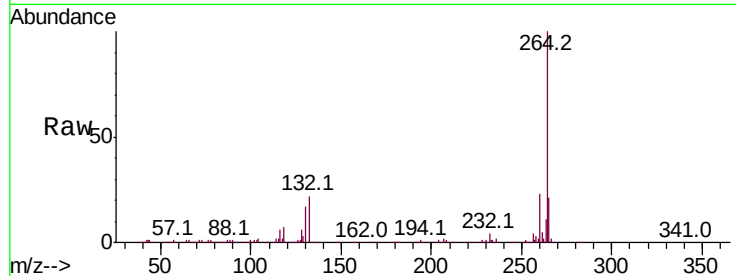
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.8	16.7	25.1

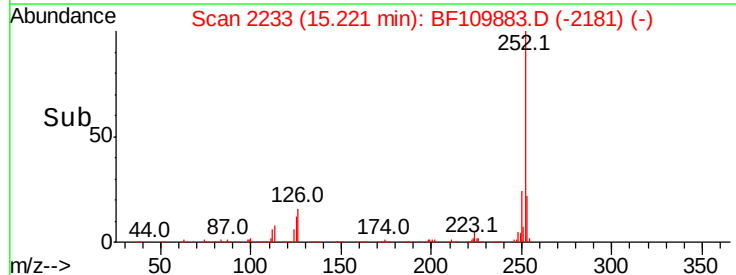
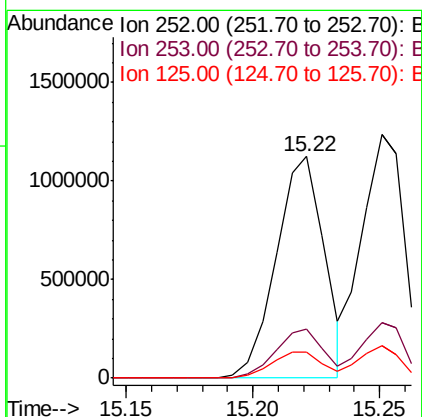
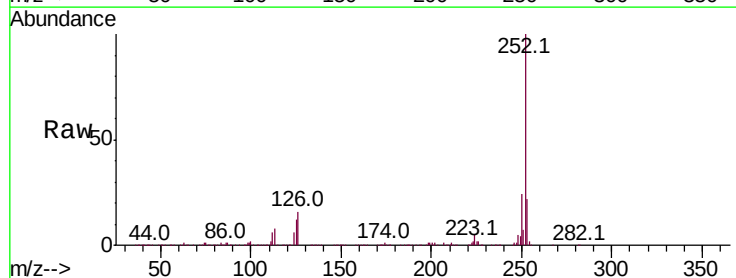
Manual Integrations
APPROVED

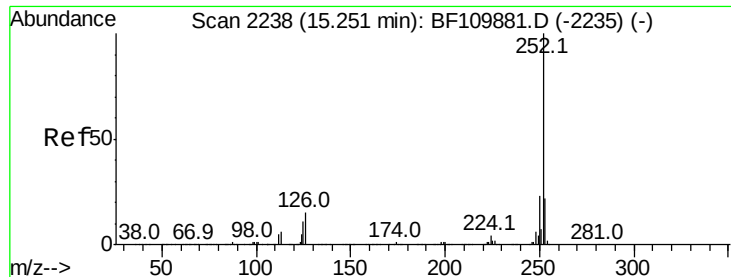
Sohil
10/16/2018 9:57:21 AM



#88
Benzo(b)fluoranthene
Concen: 60.067 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.9	8.2	12.4





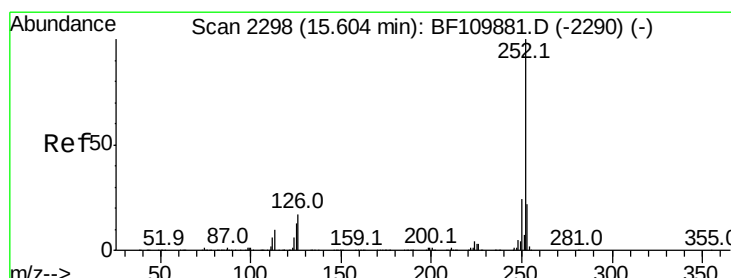
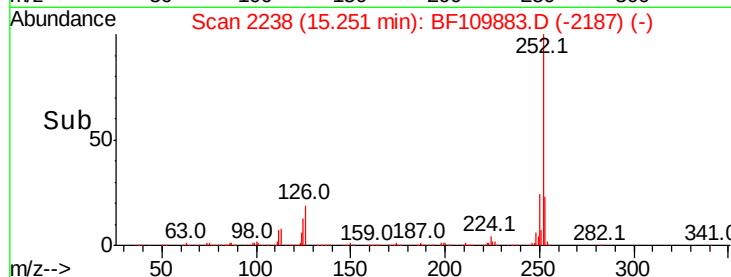
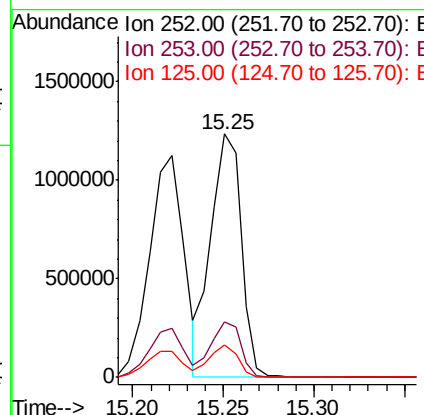
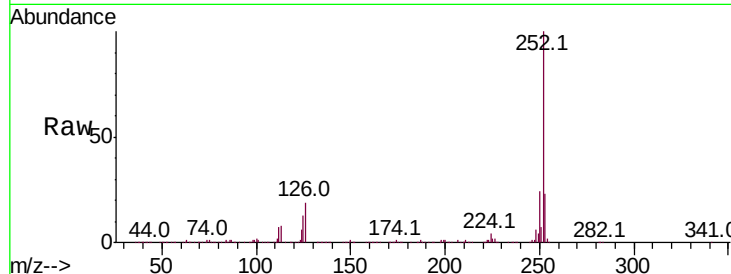
#89
Benzo(k)fluoranthene
Concen: 58.359 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	13.1	7.4	11.0

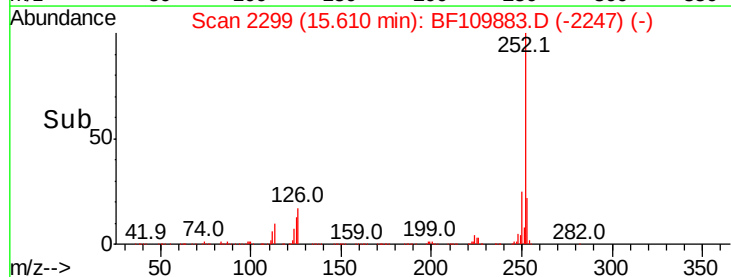
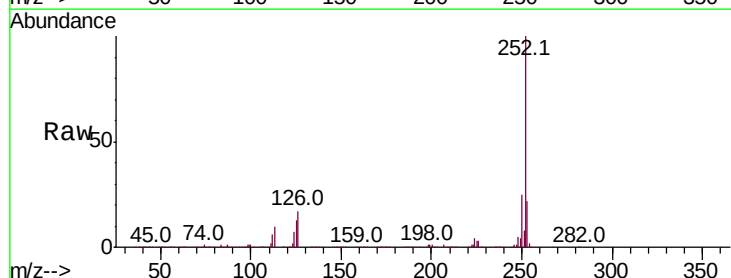
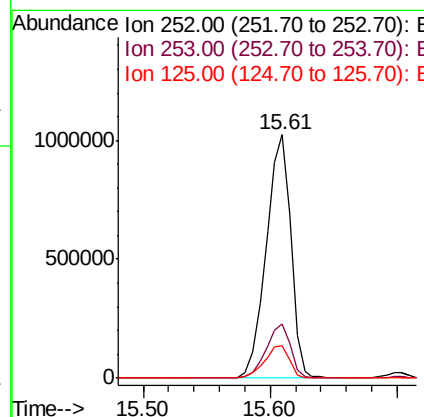
Manual Integrations
APPROVED

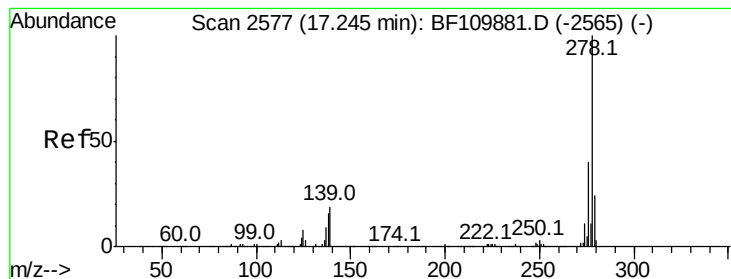
Sohil
10/16/2018 9:57:21 AM



#90
Benzo(a)pyrene
Concen: 62.024 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109883.D
Acq: 15 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	13.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 72.494 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:278 Resp: 1333376

Ion Ratio Lower Upper

278 100

139 18.0 12.7 19.1

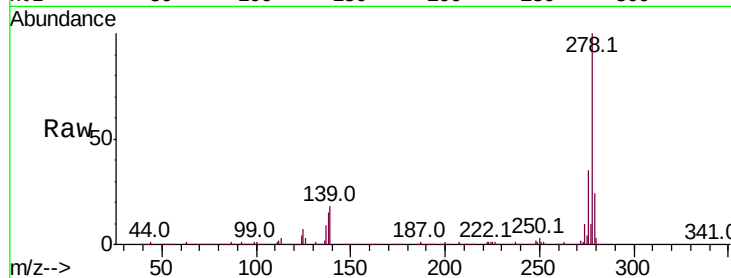
279 23.6 19.0 28.4

Manual Integrations

APPROVED

Sohil

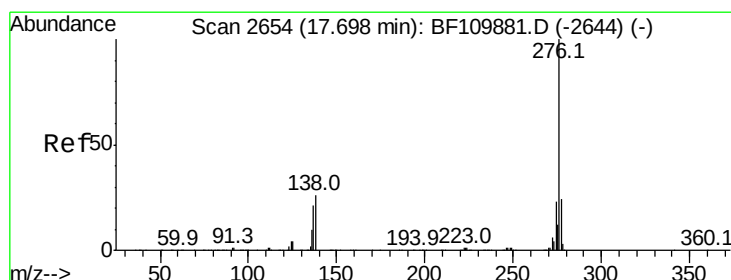
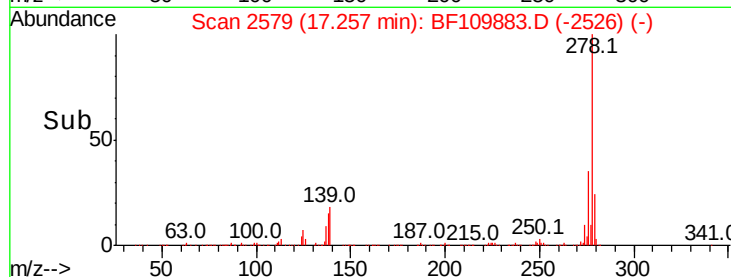
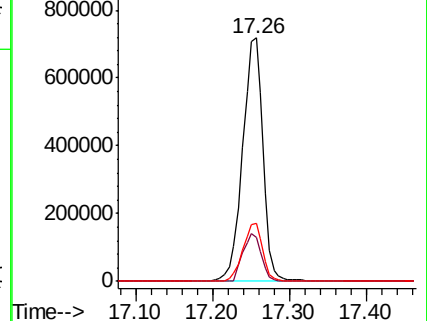
10/16/2018 9:57:21 AM



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: 74.500 ng

RT: 17.71 min Scan# 2656

Delta R.T. 0.01 min

Lab File: BF109883.D

Acq: 15 Oct 2018 17:05

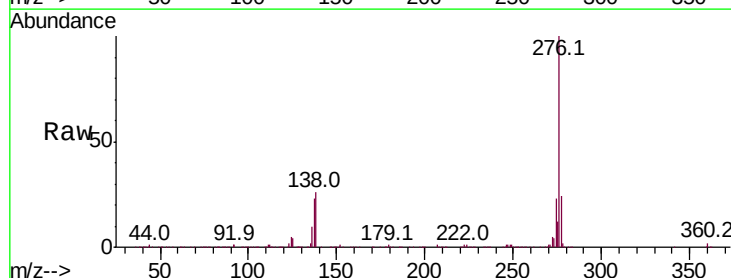
Tgt Ion:276 Resp: 1368331

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 25.7 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

