

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109829.D
 Acq On : 12 Oct 2018 13:12
 Operator : JU/SJ
 Sample : PB113751BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

Quant Time: Oct 15 05:27:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84210	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	366181	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	177715	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	338239	20.00	ng	0.00
75) Chrysene-d12	13.83	240	242000	20.00	ng	0.00
86) Perylene-d12	15.23	264	194639	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	644320	135.81	ng	0.00
7) Phenol-d6	6.35	99	830412	131.03	ng	0.00
23) Nitrobenzene-d5	7.26	82	515333	77.58	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	231482	119.54	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1008273	78.14	ng	0.00
78) Terphenyl-d14	12.78	244	795441	63.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	98304	39.482	ng	97
3) Pyridine	3.22	79	212919m	41.450	ng	
4) n-Nitrosodimethylamine	3.15	42	81757	44.095	ng	94
6) Aniline	6.36	93	241337	32.689	ng	# 65
8) 2-Chlorophenol	6.49	128	253500	43.447	ng	99
9) Benzaldehyde	6.25	77	122869m	30.128	ng	
10) Phenol	6.36	94	293645	40.407	ng	85
11) bis(2-Chloroethyl)ether	6.43	93	212635	35.293	ng	99
12) 1,3-Dichlorobenzene	6.63	146	270630	40.554	ng	99
13) 1,4-Dichlorobenzene	6.71	146	299201	41.131	ng	99
14) 1,2-Dichlorobenzene	6.86	146	263187	41.197	ng	100
15) Benzyl Alcohol	6.85	79	201276	42.839	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	324343	40.599	ng	97
17) 2-Methylphenol	6.96	107	198494	43.020	ng	94
18) Hexachloroethane	7.20	117	108090	42.038	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	182475	41.057	ng	98
20) 3+4-Methylphenols	7.12	107	241633	42.500	ng	95
22) Acetophenone	7.11	105	371350	41.937	ng	# 97
24) Nitrobenzene	7.28	77	270436	39.124	ng	99
25) Isophorone	7.52	82	499814	45.310	ng	100
26) 2-Nitrophenol	7.60	139	128045	39.603	ng	96
27) 2,4-Dimethylphenol	7.65	122	217934	46.677	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	313807	42.057	ng	99
29) 2,4-Dichlorophenol	7.85	162	218543	41.730	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	228560	39.424	ng	99
31) Naphthalene	8.00	128	775589	45.798	ng	99
32) Benzoic acid	7.80	122	121207	36.310	ng	94
33) 4-Chloroaniline	8.06	127	189887	25.462	ng	99
34) Hexachlorobutadiene	8.12	225	141057	39.132	ng	100
35) Caprolactam	8.43	113	62614m	40.034	ng	
36) 4-Chloro-3-methylphenol	8.55	107	234245	42.373	ng	99
37) 2-Methylnaphthalene	8.69	142	499772	45.053	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	235671	38.957	ng	99
40) Hexachlorocyclopentadiene	8.85	237	218000	82.092	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109829.D
 Acq On : 12 Oct 2018 13:12
 Operator : JU/SJ
 Sample : PB113751BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

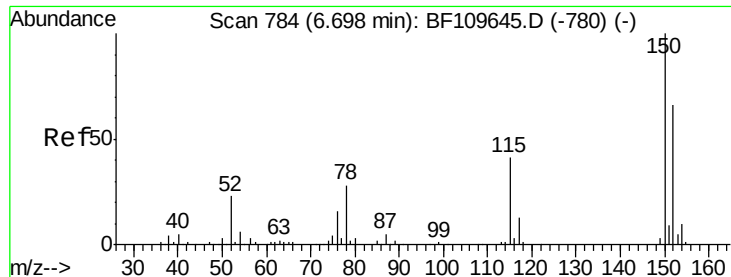
Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

Quant Time: Oct 15 05:27:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	135610	37.499	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	159384	38.331	nq	97
45) 1,1'-Biphenyl	9.15	154	621826	39.167	nq	99
46) 2-Chloronaphthalene	9.17	162	473084	39.774	nq	99
47) 2-Nitroaniline	9.28	65	147754	41.026	nq	95
48) Acenaphthylene	9.59	152	749565	43.227	nq	100
49) Dimethylphthalate	9.46	163	537077	41.207	nq	99
50) 2,6-Dinitrotoluene	9.52	165	117373	41.544	nq	92
51) Acenaphthene	9.76	154	416201	40.489	nq	100
52) 3-Nitroaniline	9.69	138	82764	26.133	nq	96
53) 2,4-Dinitrophenol	9.80	184	76275	83.678	nq	97
54) Dibenzofuran	9.93	168	628752	40.806	nq	100
55) 4-Nitrophenol	9.87	139	118987	68.639	nq	92
56) 2,4-Dinitrotoluene	9.93	165	146955	41.680	nq	90
57) Fluorene	10.27	166	500068	43.459	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139850	41.375	nq	97
59) Diethylphthalate	10.15	149	523361	40.527	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	239805	39.503	nq	97
61) 4-Nitroaniline	10.31	138	114519	39.045	nq	98
62) Azobenzene	10.43	77	554230	42.263	nq	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	57064	34.662	nq	97
65) n-Nitrosodiphenylamine	10.39	169	460939	40.199	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	152526	39.246	nq	96
67) Hexachlorobenzene	10.82	284	161301	38.328	nq	# 91
68) Atrazine	10.92	200	144285	40.321	nq	99
69) Pentachlorophenol	11.02	266	152815	64.531	nq	98
70) Phenanthrene	11.23	178	718498	42.447	nq	100
71) Anthracene	11.28	178	782710	44.732	nq	99
72) Carbazole	11.44	167	681361	40.150	nq	99
73) Di-n-butylphthalate	11.77	149	798563	40.571	nq	99
74) Fluoranthene	12.41	202	770683	43.583	nq	99
76) Benzidine	12.54	184	363149	40.396	nq	97
77) Pyrene	12.64	202	751080	42.361	nq	99
79) Butylbenzylphthalate	13.25	149	325831	42.387	nq	96
80) Benzo(a)anthracene	13.82	228	570830	42.744	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	143164	26.624	nq	98
82) Chrysene	13.86	228	615310	43.865	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	399799	42.629	nq	99
84) Di-n-octyl phthalate	14.42	149	632725	42.682	nq	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	452952	45.113	nq	100
87) Benzo(b)fluoranthene	14.84	252	472262	43.906	nq	98
88) Benzo(k)fluoranthene	14.86	252	469392	43.433	nq	99
89) Benzo(a)pyrene	15.17	252	439115	44.987	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	379489	47.339	nq	99
91) Benzo(g,h,i)perylene	16.99	276	386205	48.245	nq	99

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



#1

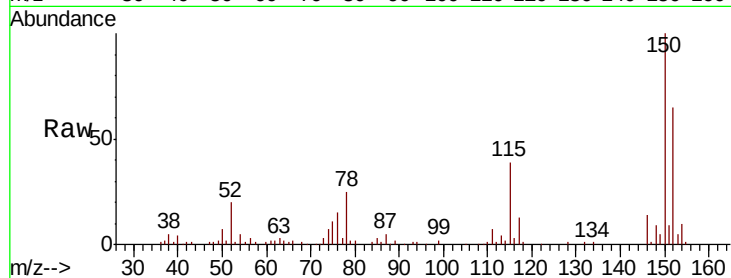
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.7	184.1
115	60.5	49.1	73.7

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM

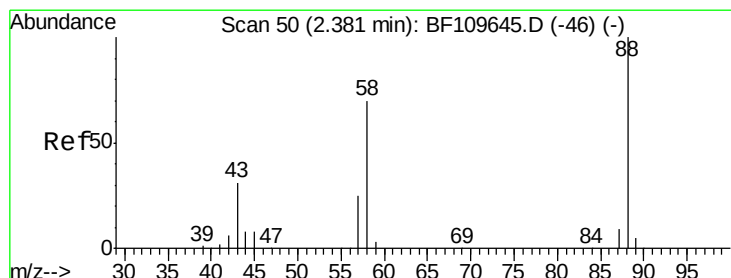
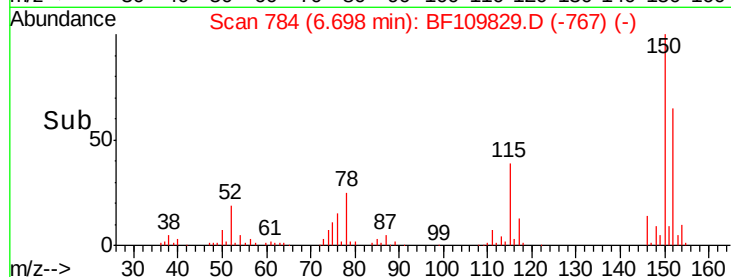
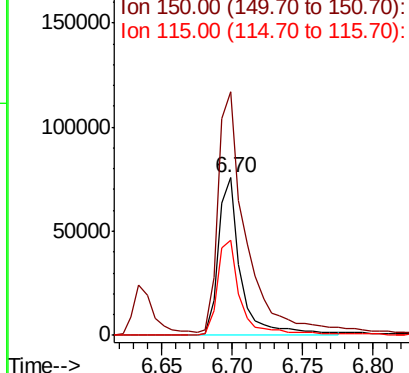


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

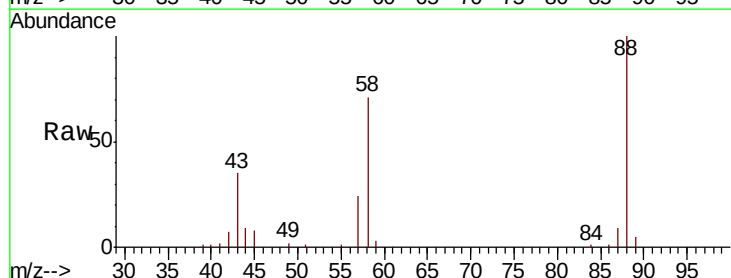
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.482 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.12 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	57.1	85.7
43	27.5	24.1	36.1

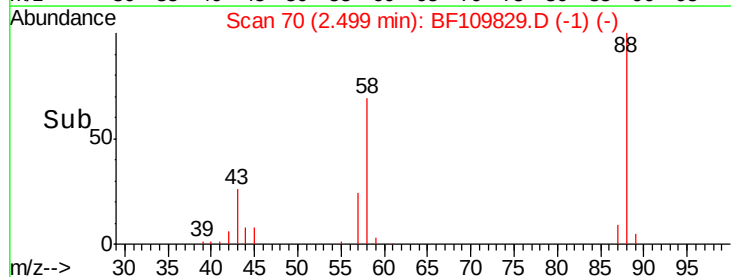
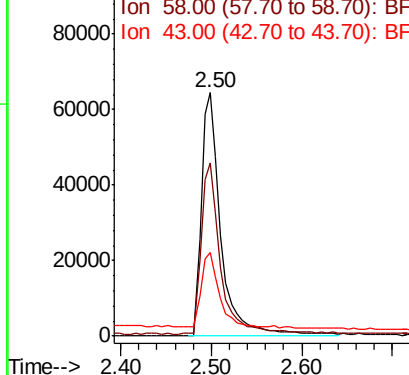


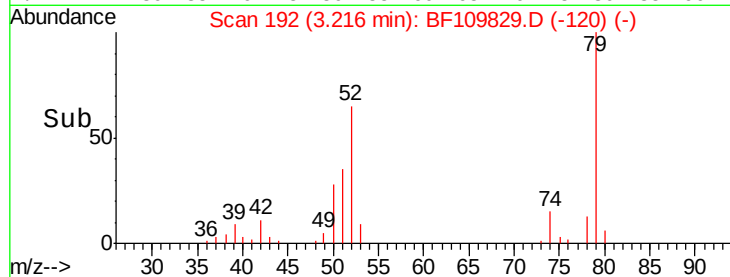
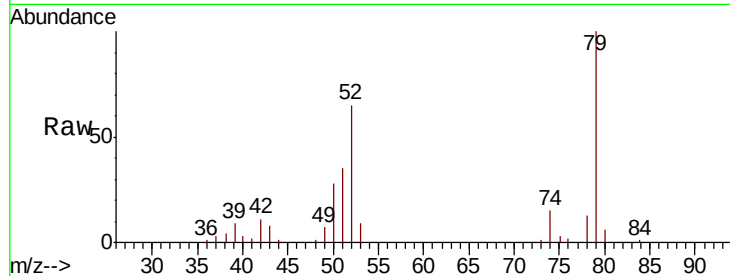
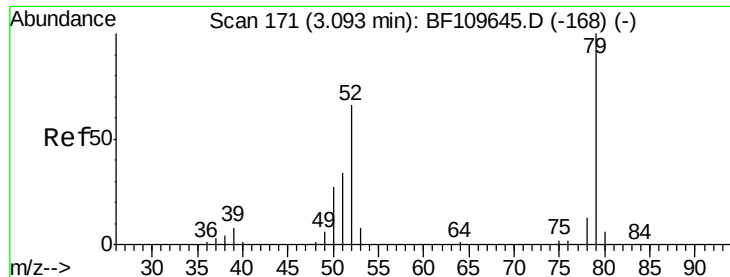
Abundance

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





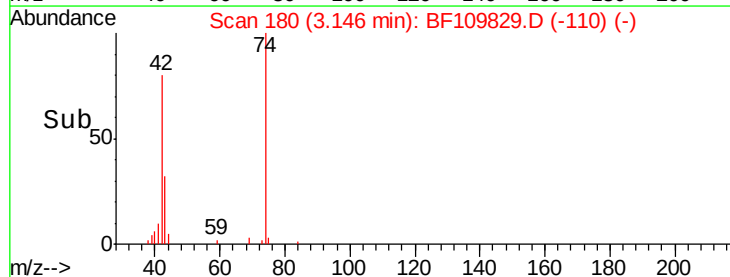
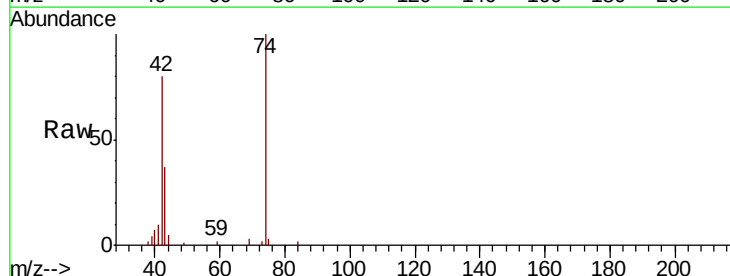
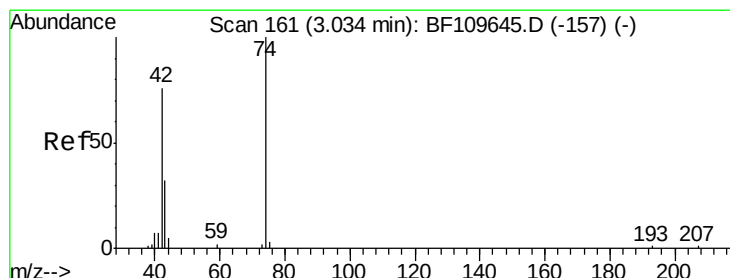
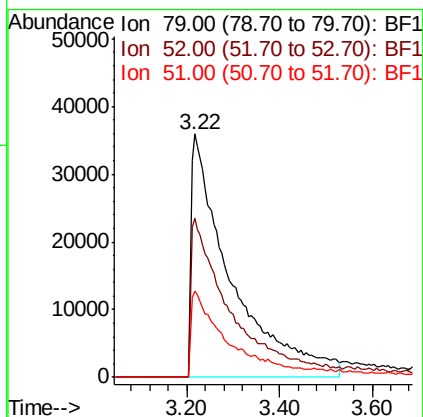
#3
Pvridine
Concen: 41.450 ng/ml
RT: 3.22 min Scan# 192
Delta R.T. 0.12 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tot Ion:	79	Resp:	212919
Ion Ratio	Lower	Upper	
79	100		
52	65.5	53.1	79.7
51	35.4	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
PB113751BS

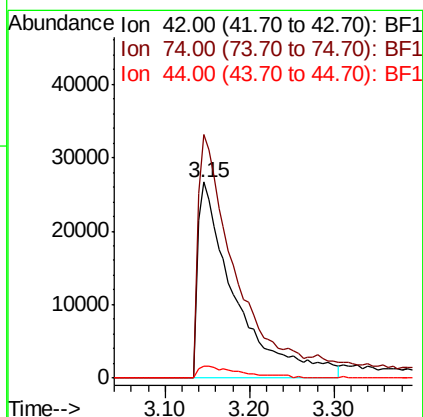
Manual Integrations
APPROVED

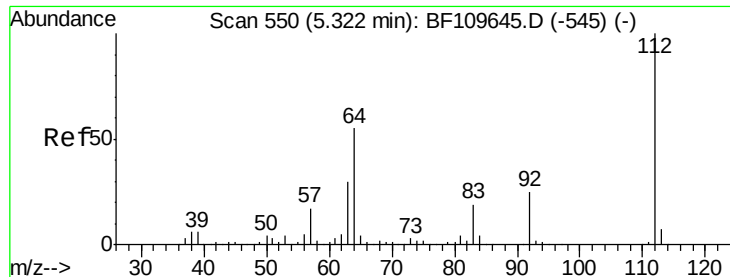
Sohil
10/15/2018 10:28:20 AM



#4
n-Nitrosodimethylamine
Concen: 44.095 ng/ml
RT: 3.15 min Scan# 180
Delta R.T. 0.11 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	42	Resp:	81757
Ion Ratio	Lower	Upper	
42	100		
74	124.4	105.5	158.3
44	6.3	4.9	7.3





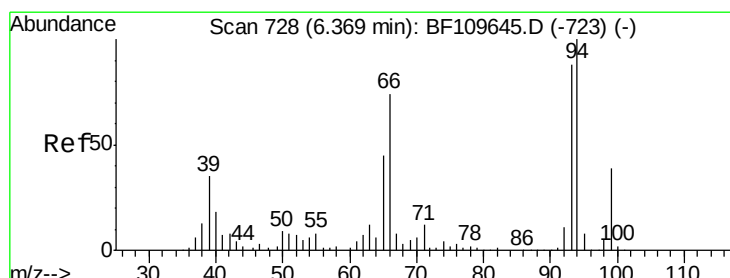
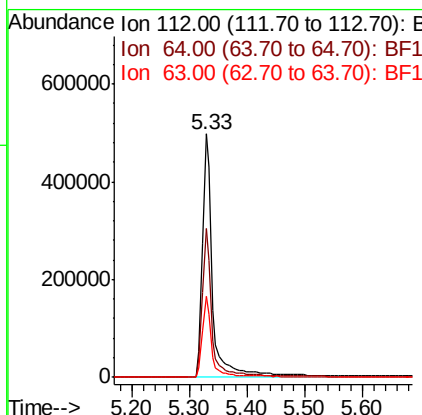
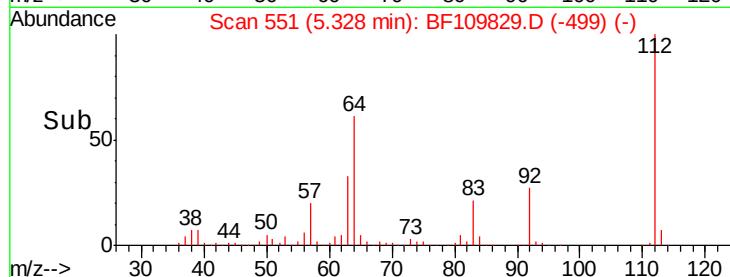
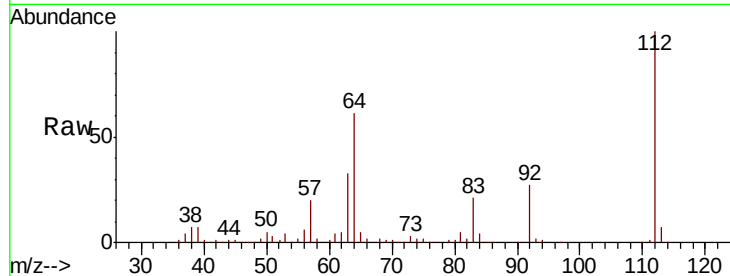
#5
2-Fluorophenol
Concen: 135.814 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleID :
PB113751BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.2	44.1	66.1
63	33.4	23.7	35.5

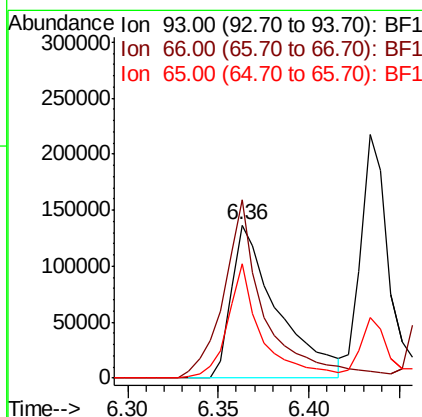
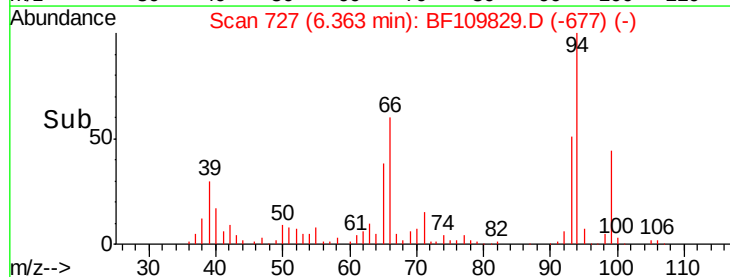
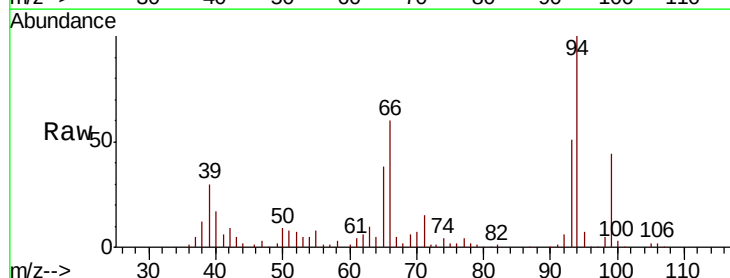
Manual Integrations
APPROVED

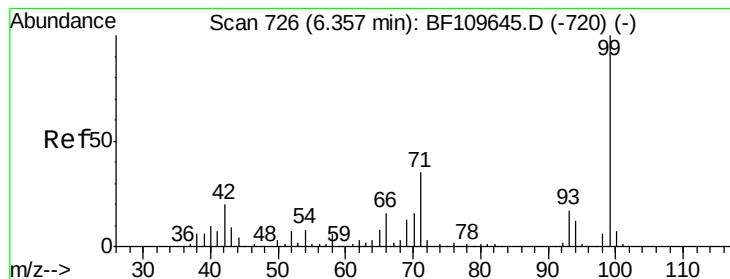
Sohil
10/15/2018 10:28:20 AM



#6
Aniline
Concen: 32.689 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	116.9	67.4	101.0#
65	75.2	41.0	61.4#





#7

Phenol-d6

Concen: 131.029 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

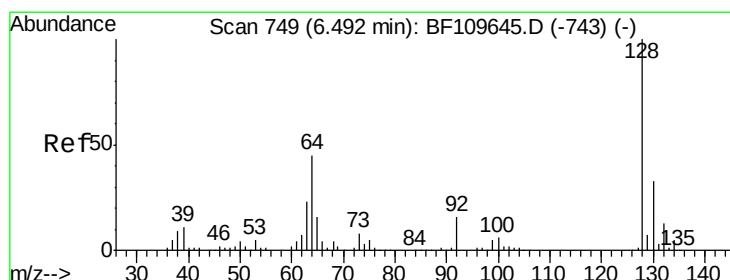
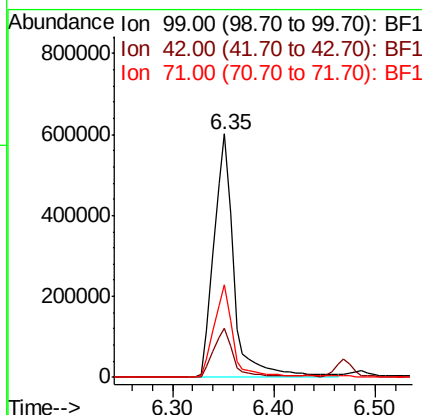
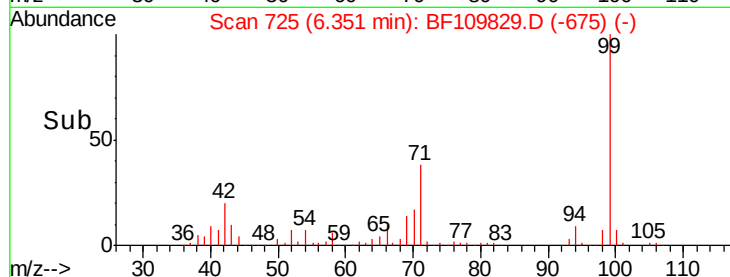
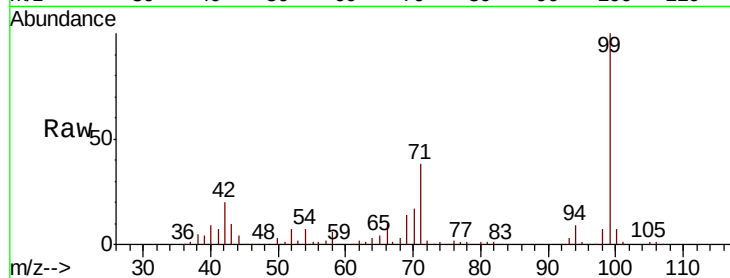
ClientSampleId :

PB113751BS

Tot Ion	99	Resp	830412
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.8	23.6
71	37.9	28.0	42.0

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



#8

2-Chlorophenol

Concen: 43.447 ng

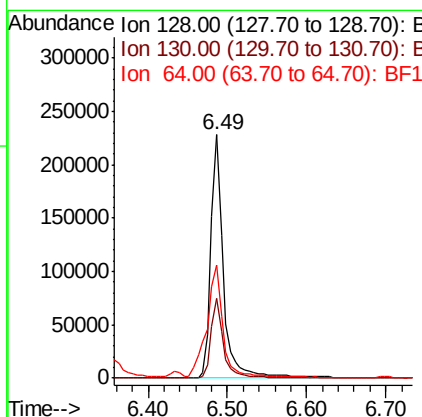
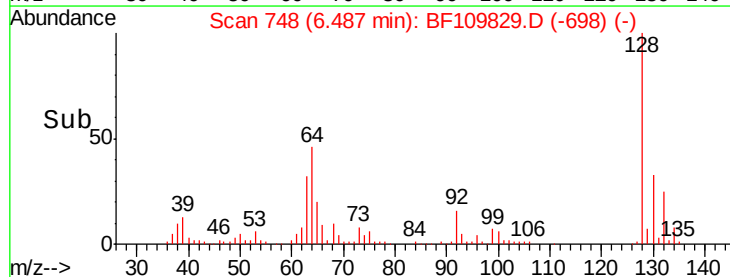
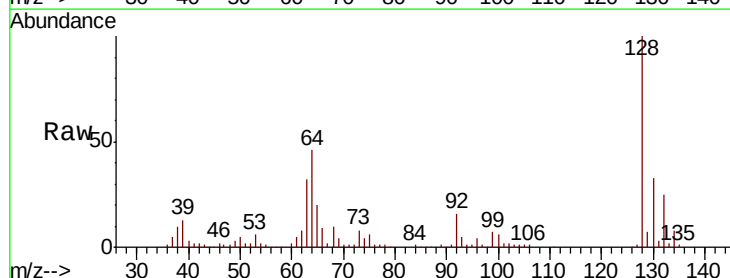
RT: 6.49 min Scan# 748

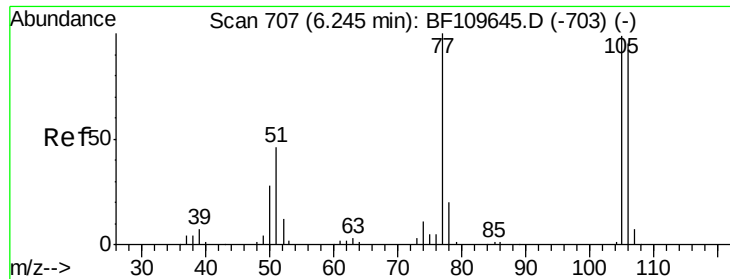
Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion	128	Resp	253500
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.1	53.1
64	46.3	26.0	66.0





#9

Benzaldehyde

Concen: 30.128 ng/ml

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

PB113751BS

Tot Ion: 77 Resp: 122869

Ion Ratio Lower Upper

77 100

105 99.6 78.6 118.6

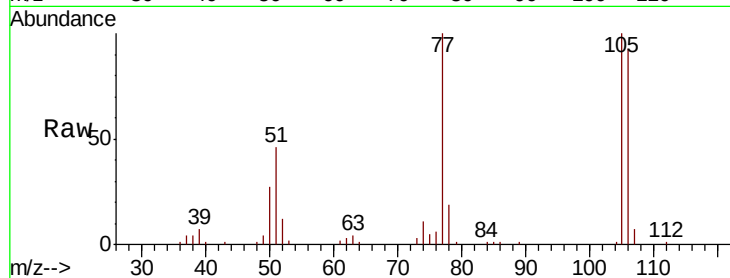
106 93.2 74.8 114.8

Manual Integrations

APPROVED

Sohil

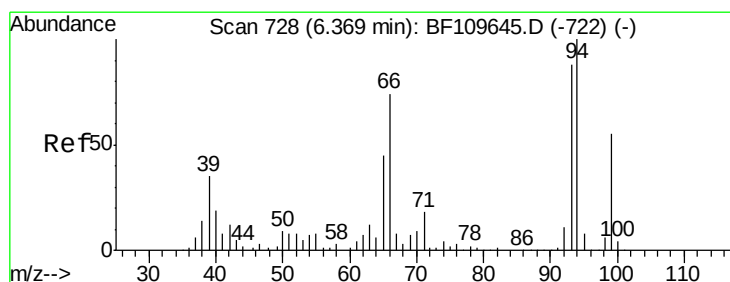
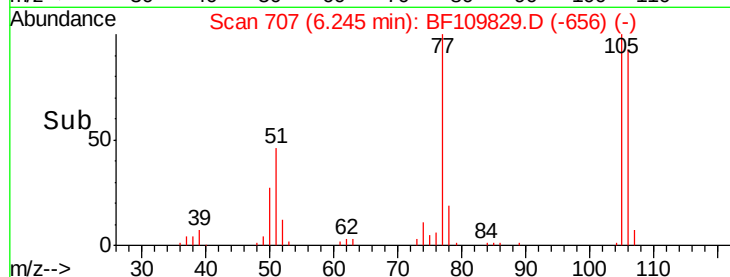
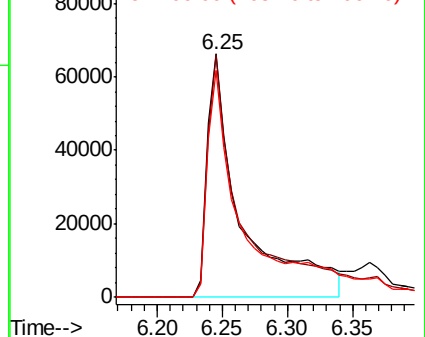
10/15/2018 10:28:20 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.407 ng/ml

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

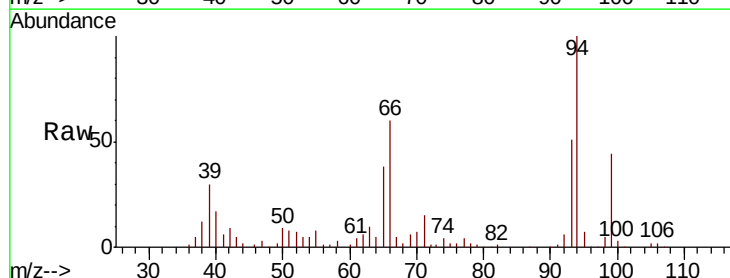
Tgt Ion: 94 Resp: 293645

Ion Ratio Lower Upper

94 100

65 38.3 25.3 65.3

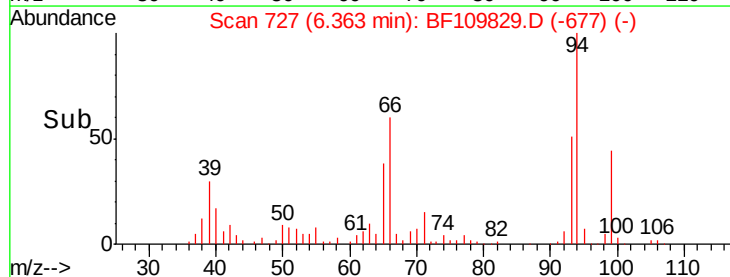
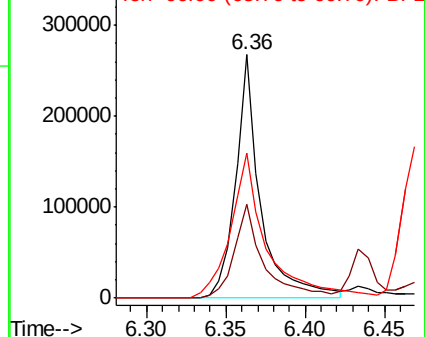
66 59.6 54.5 94.5

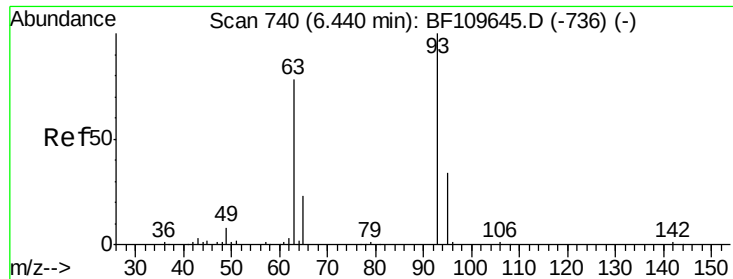


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





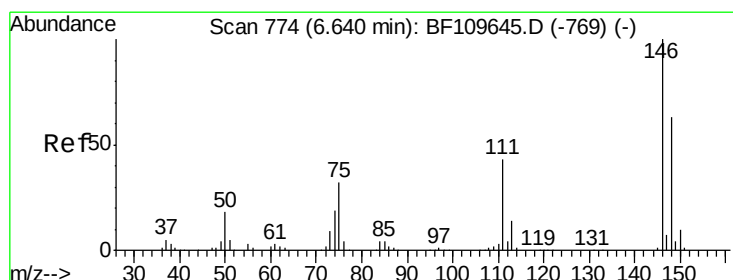
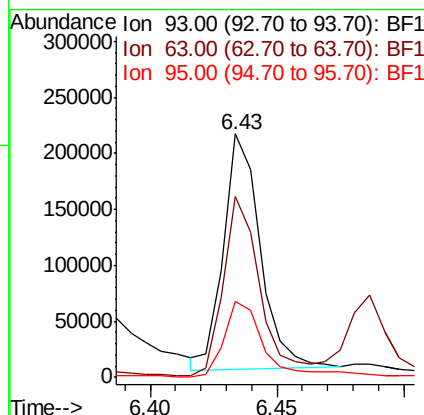
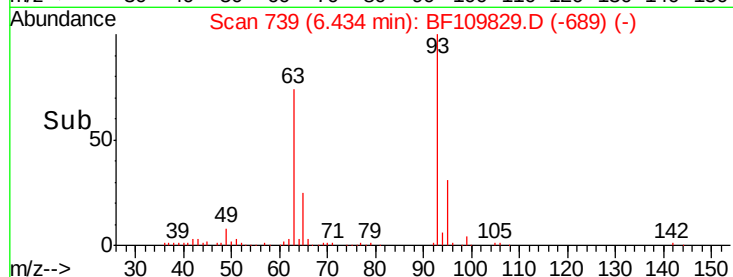
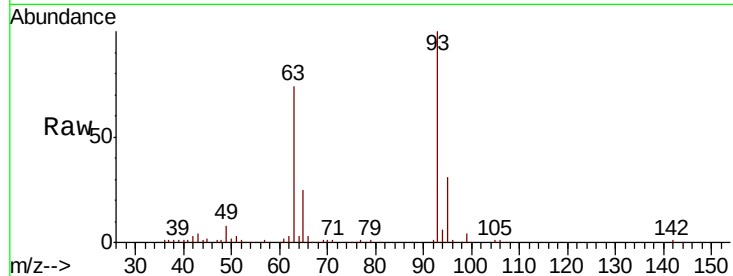
#11
bis(2-Chloroethyl)ether
Concen: 35.293 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion:	93	Resp:	212635
Ion Ratio	Lower	Upper	
93	100		
63	74.2	53.4	93.4
95	31.3	12.1	52.1

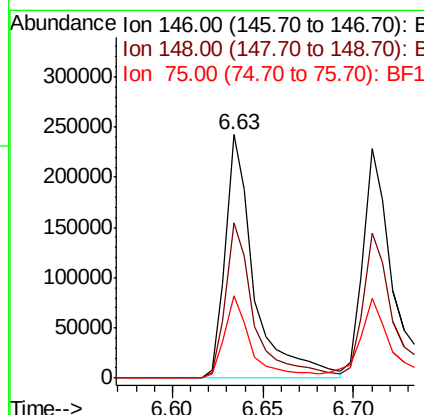
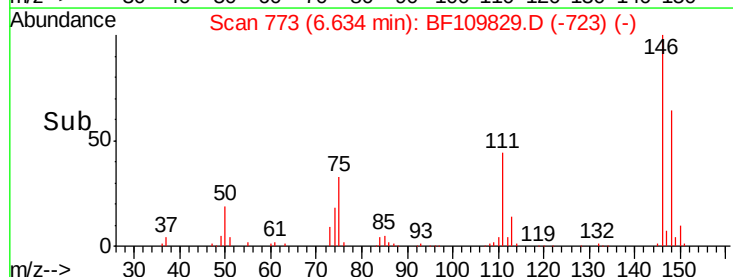
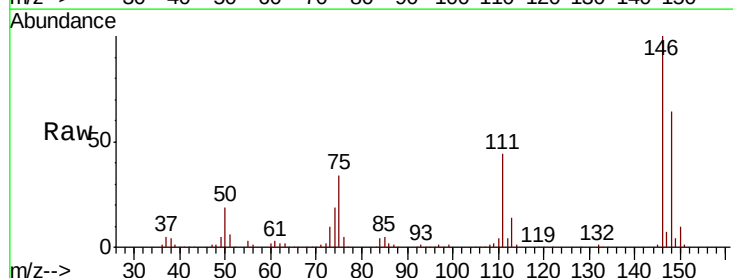
Manual Integrations
APPROVED

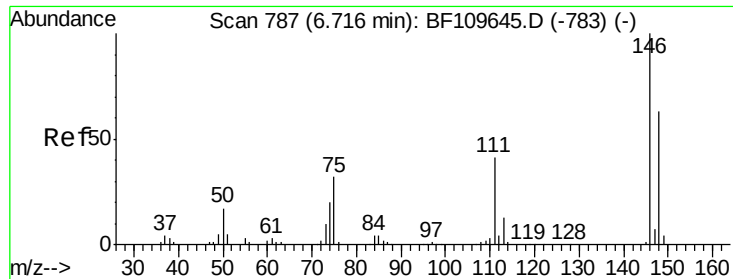
Sohil
10/15/2018 10:28:20 AM



#12
1,3-Dichlorobenzene
Concen: 40.554 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	146	Resp:	270630
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
75	33.7	25.8	38.6





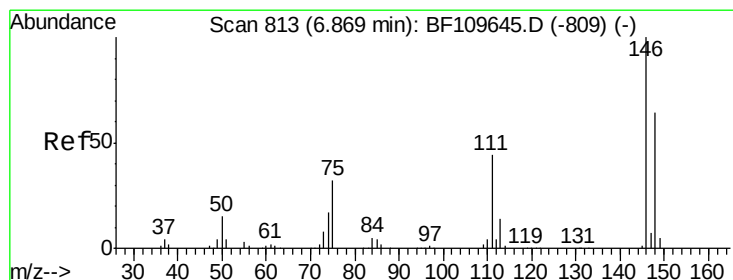
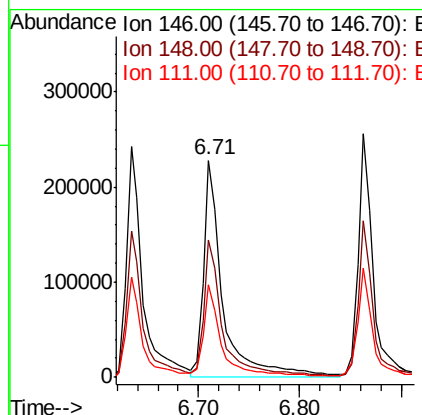
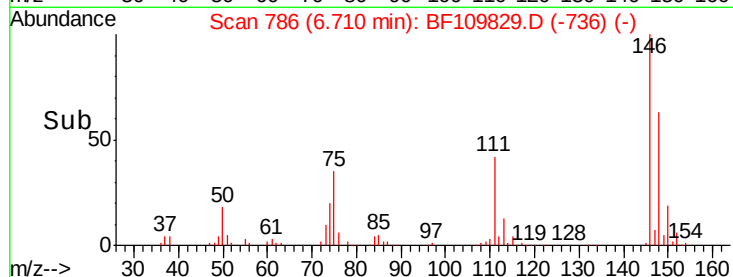
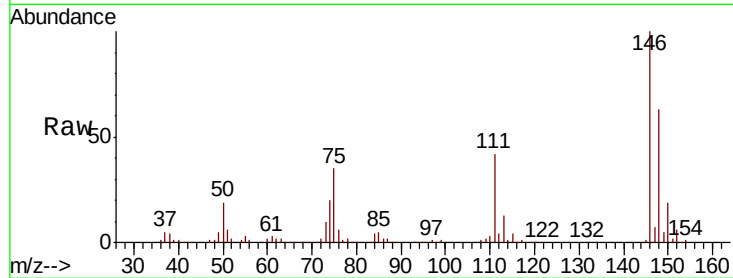
#13
 1,4-Dichlorobenzene
 Concen: 41.131 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :
 PB113751BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	42.4	32.7	49.1

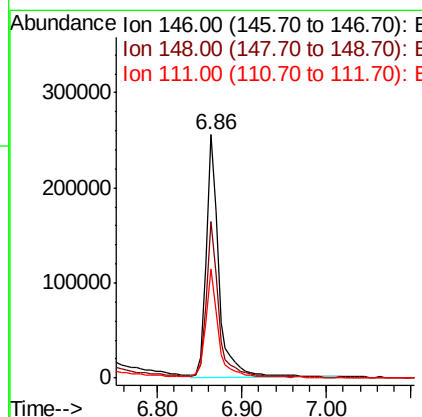
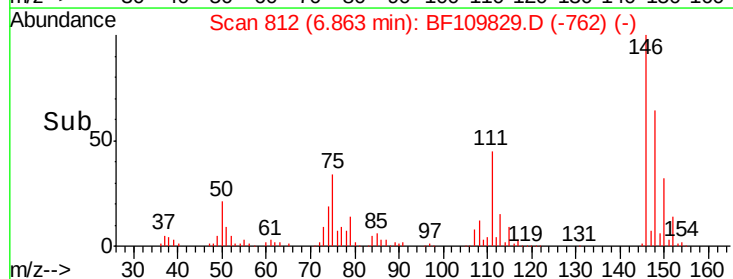
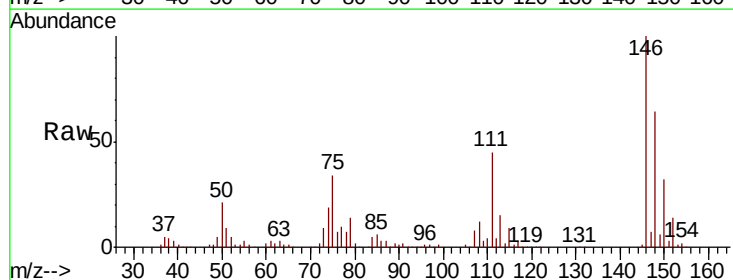
Manual Integrations
 APPROVED

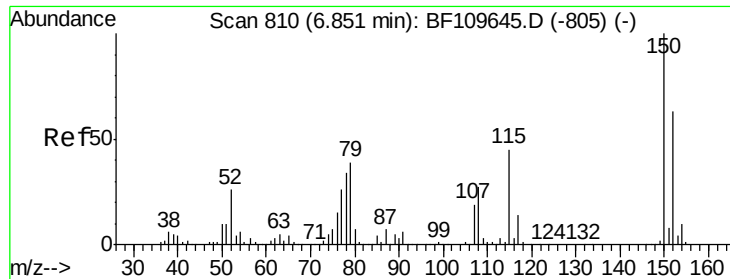
Sohil
 10/15/2018 10:28:20 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.197 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	44.8	35.8	53.6





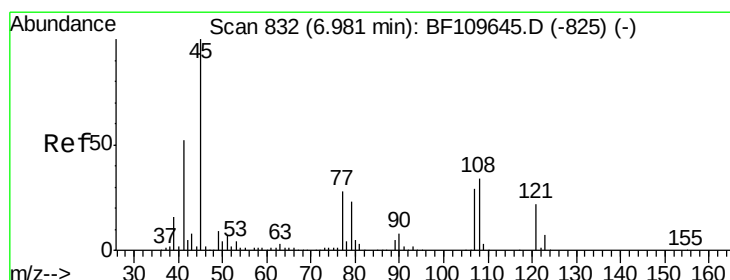
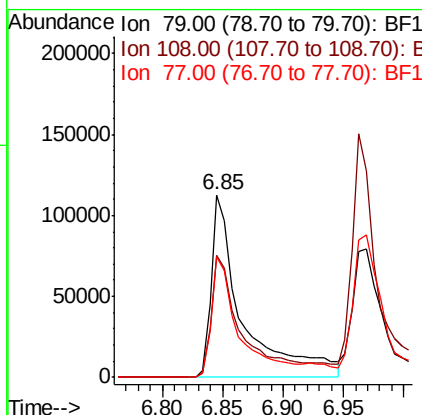
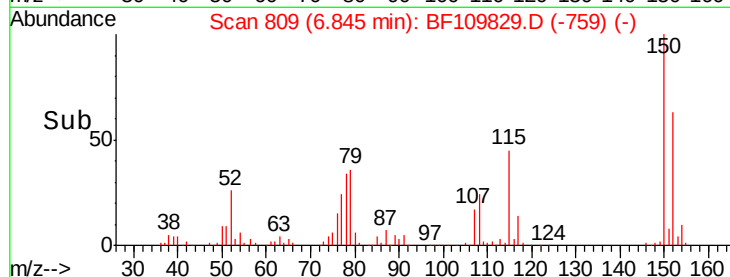
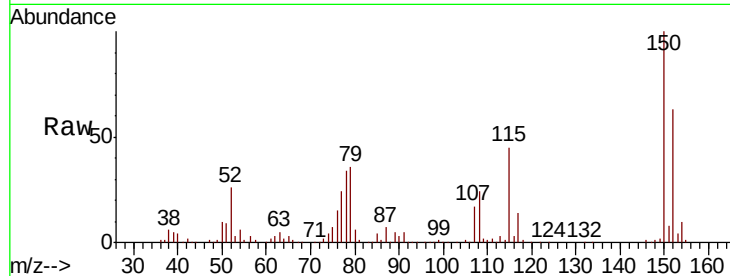
#15
Benzyl Alcohol
Concen: 42.839 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampled :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	67.1	56.3	84.5	
77	65.9	52.9	79.3	

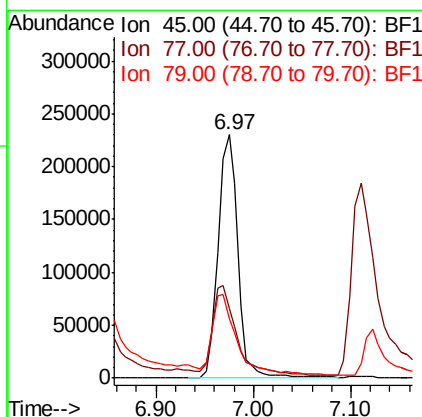
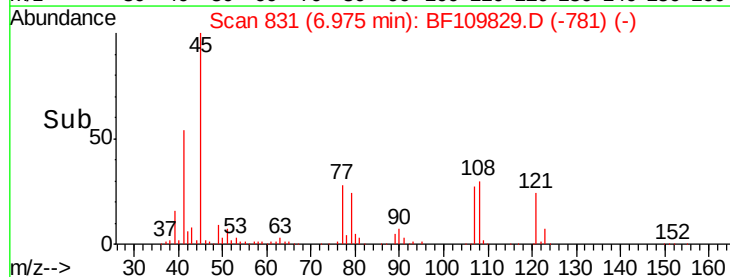
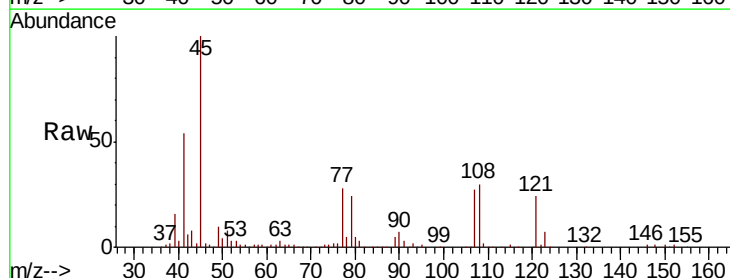
Manual Integrations
APPROVED

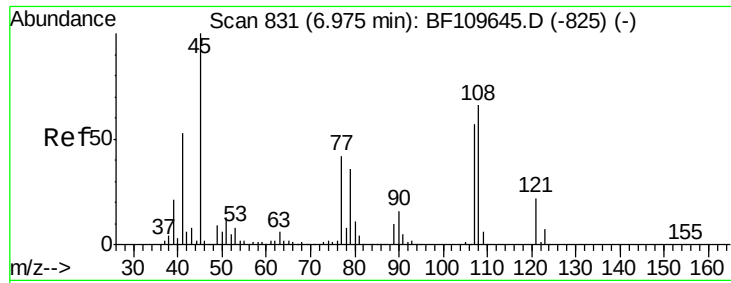
Sohil
10/15/2018 10:28:20 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.599 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	28.3	10.0	50.0	
79	24.4	6.1	46.1	





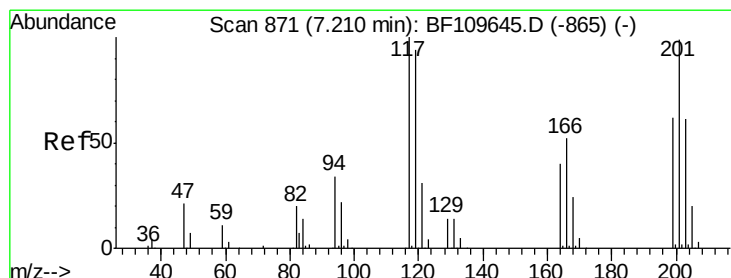
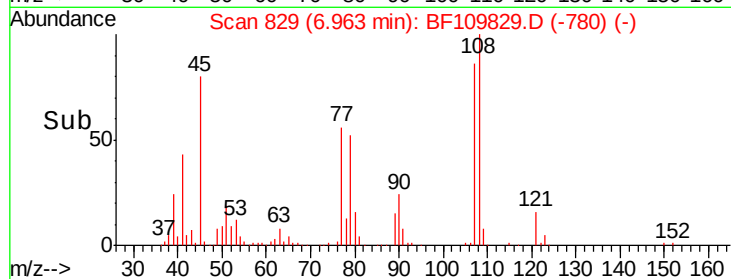
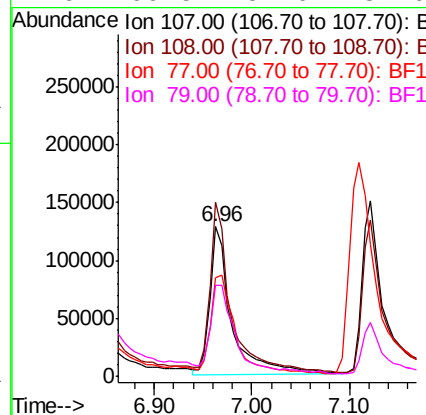
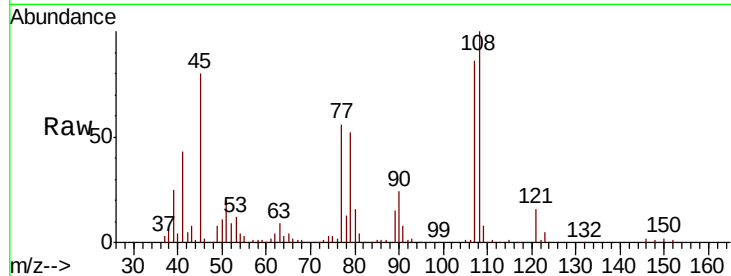
#17
2-Methylphenol
Concen: 43.020 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	198494		
108	116.6	92.6	138.8	
77	65.6	59.4	89.2	
79	60.5	54.0	81.0	

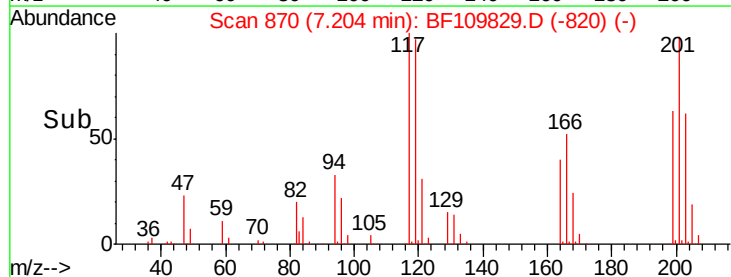
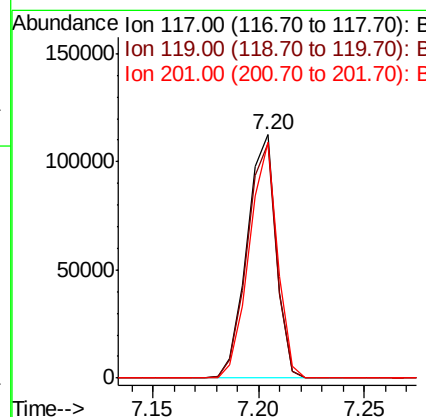
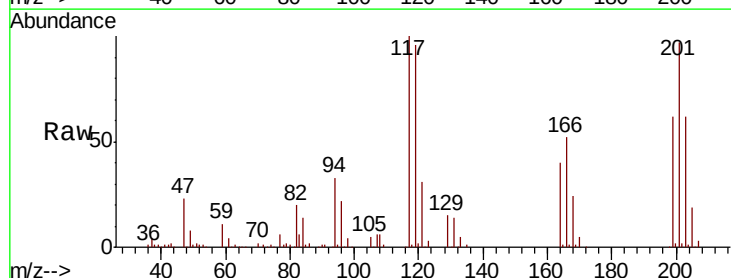
Manual Integrations
APPROVED

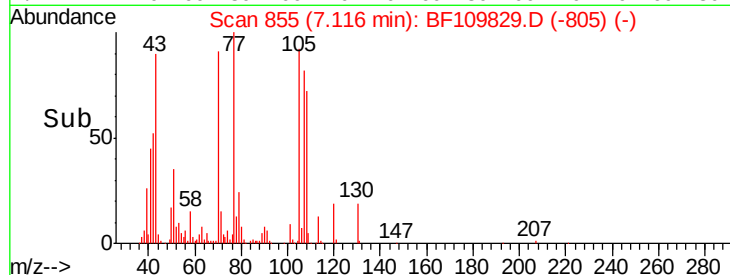
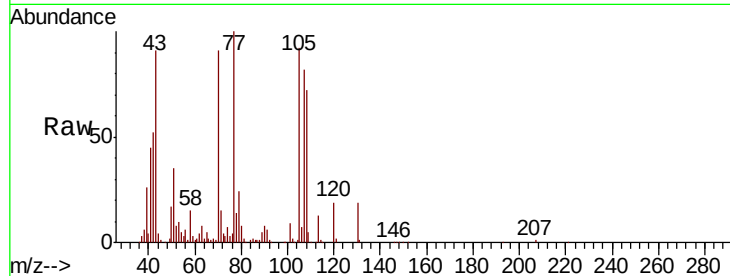
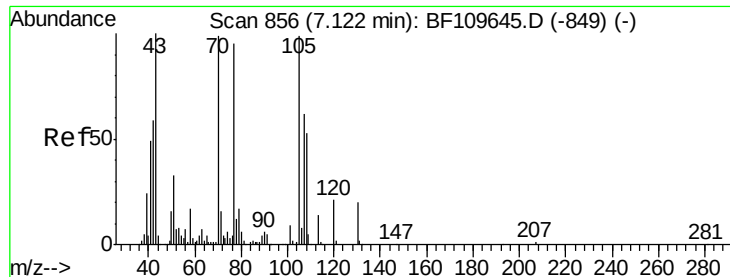
Sohil
10/15/2018 10:28:20 AM



#18
Hexachloroethane
Concen: 42.038 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108090		
119	96.3	75.0	112.6	
201	97.1	79.2	118.8	





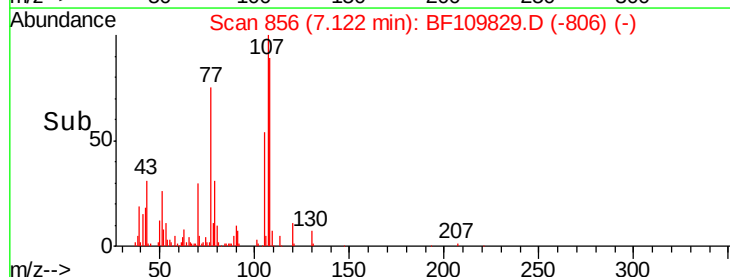
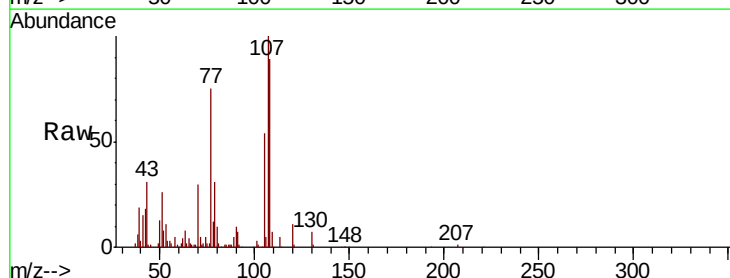
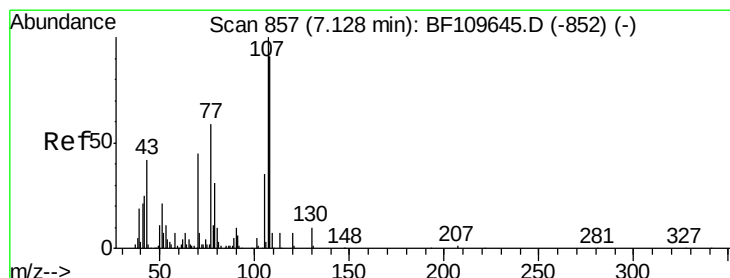
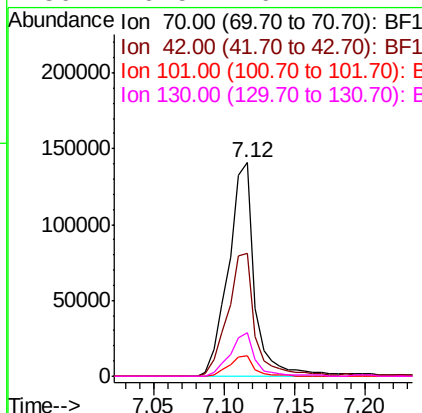
#19
n-Nitroso-di-n-propylamine
Concen: 41.057 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	47.4	71.2	
101	9.6	7.3	10.9	
130	20.5	16.2	24.2	

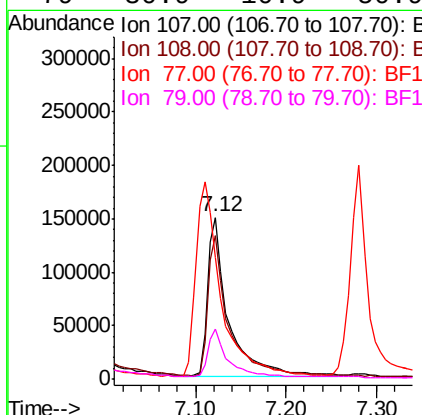
Manual Integrations
APPROVED

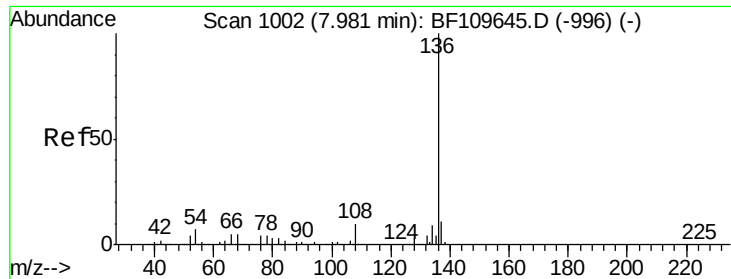
Sohil
10/15/2018 10:28:20 AM



#20
3+4-Methylphenols
Concen: 42.500 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.4	111.4	
77	75.2	47.3	87.3	
79	30.9	10.9	50.9	





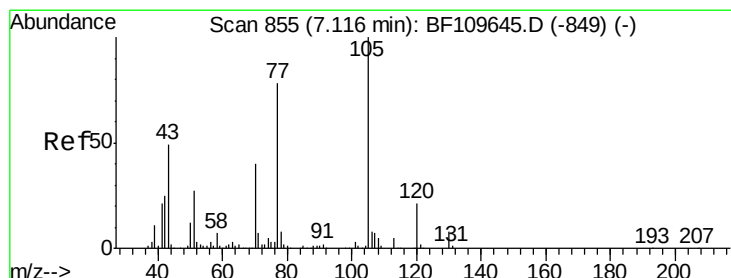
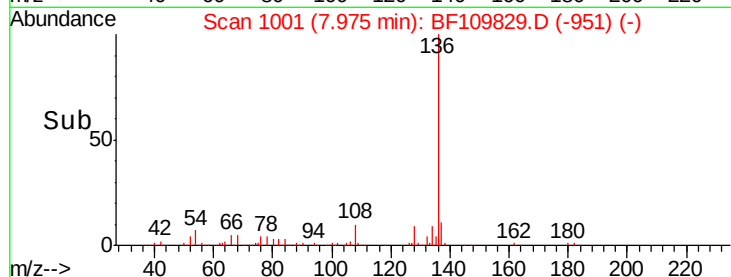
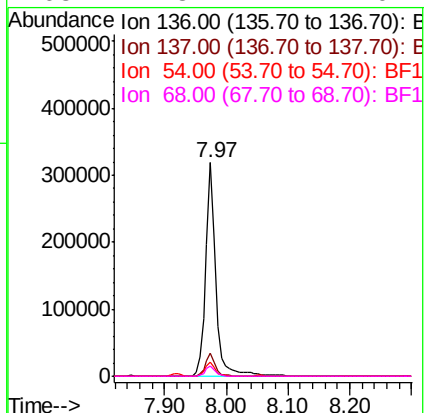
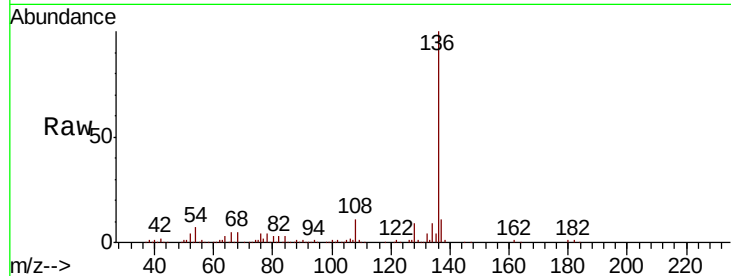
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		366181		
137	10.7		8.8	13.2	
54	6.8		5.4	8.2	
68	4.8		4.2	6.2	

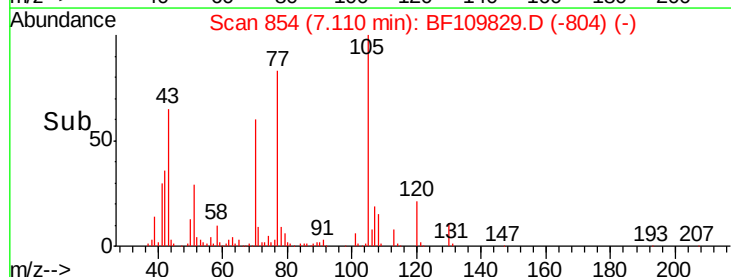
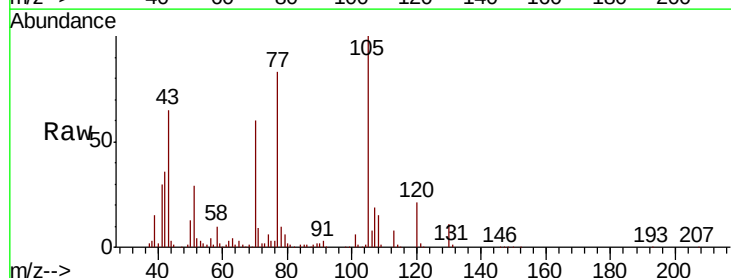
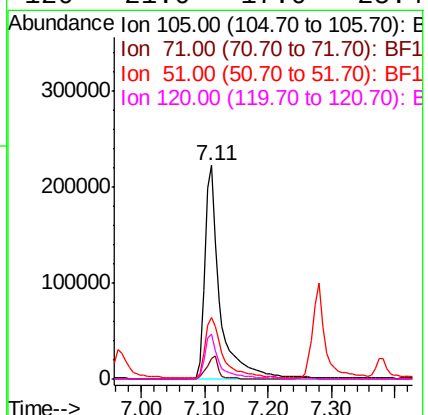
Manual Integrations
APPROVED

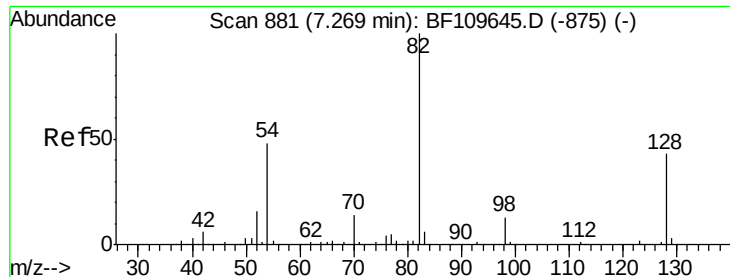
Sohil
10/15/2018 10:28:20 AM



#22
Acetophenone
Concen: 41.937 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		371350		
71	9.3		5.2	7.8#	
51	29.0		21.8	32.8	
120	21.0		17.0	25.4	





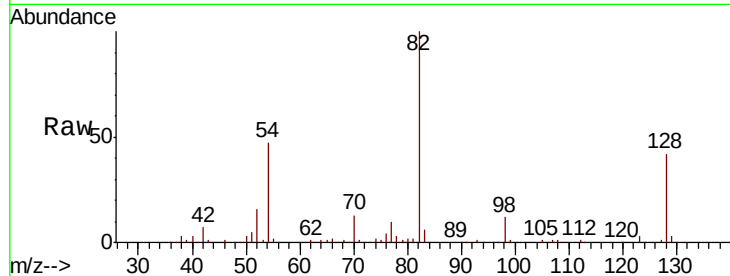
#23
Nitrobenzene-d5
Concen: 77.576 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	34.2	51.2	
54	47.2	38.6	58.0	

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM

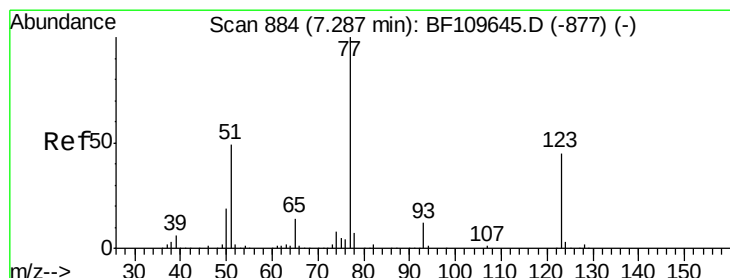
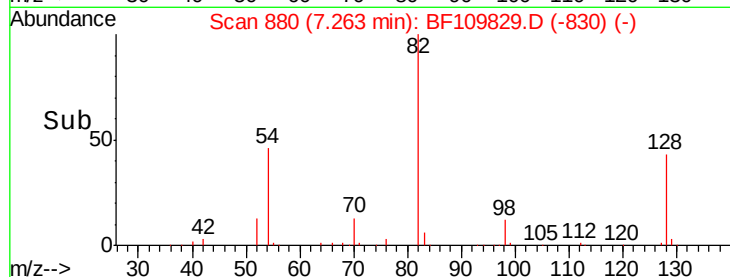
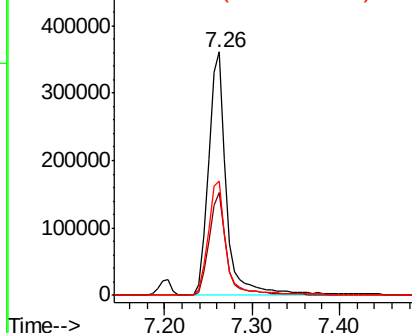


Abundance

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: 39.124 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

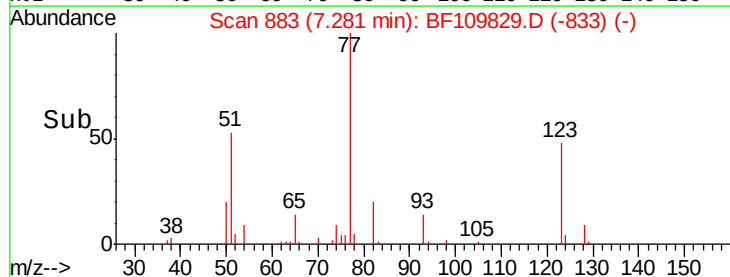
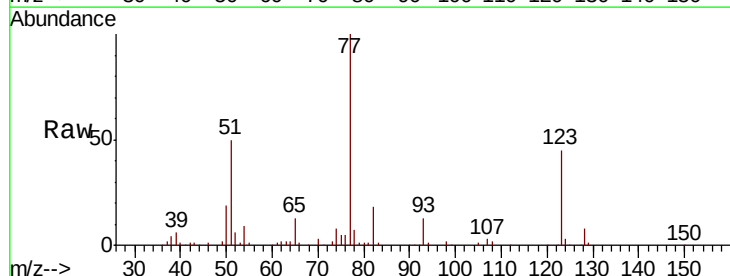
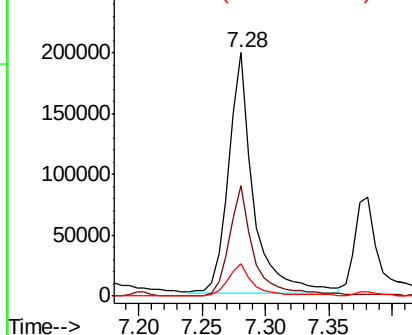
Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.2	35.7	53.5	
65	13.3	10.7	16.1	

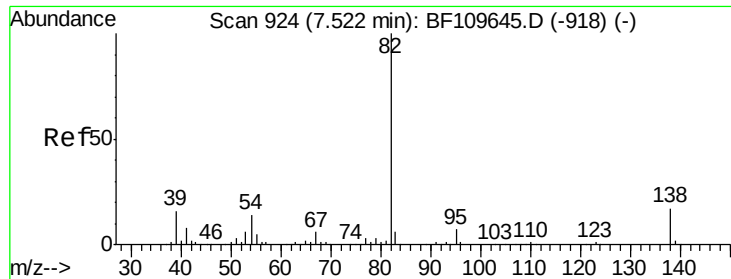
Abundance

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





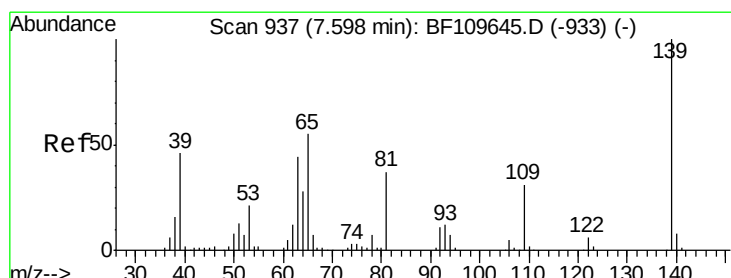
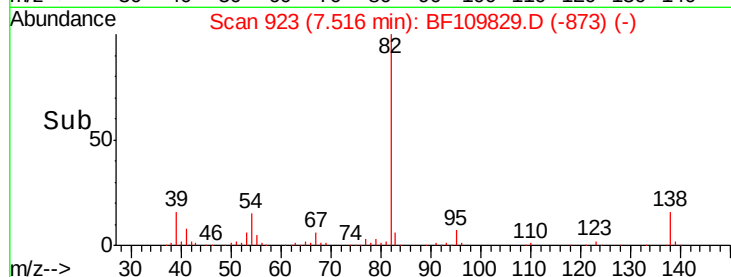
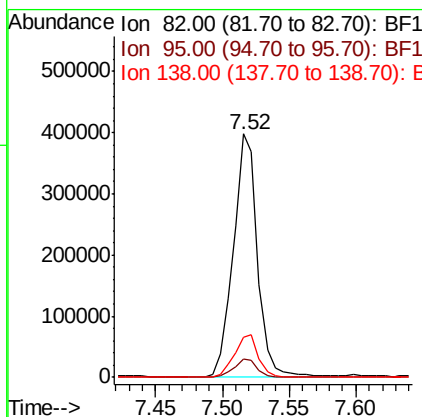
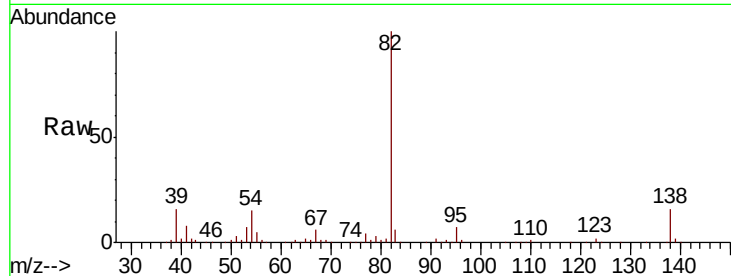
#25
Isophorone
Concen: 45.310 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	16.4	13.2	19.8

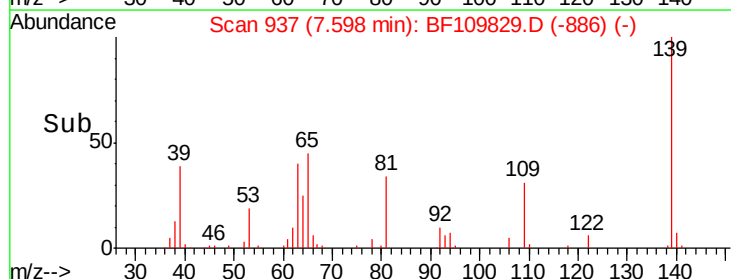
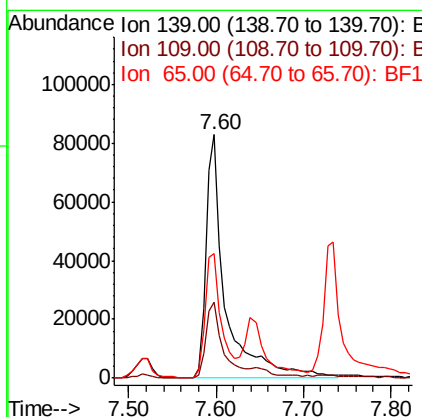
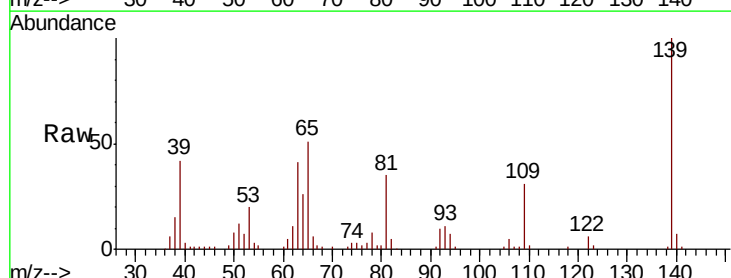
Manual Integrations
APPROVED

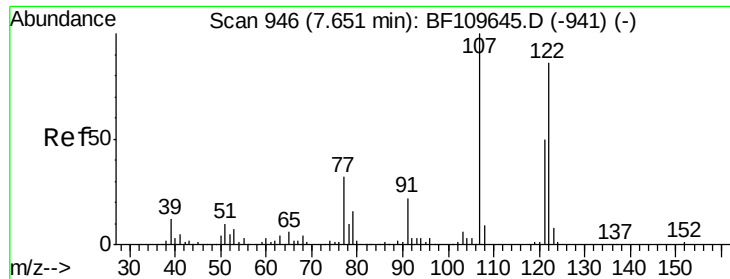
Sohil
10/15/2018 10:28:20 AM



#26
2-Nitrophenol
Concen: 39.603 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.2	25.0	37.6
65	51.1	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 46.677 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

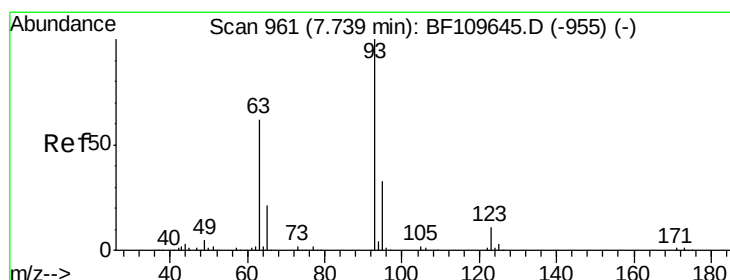
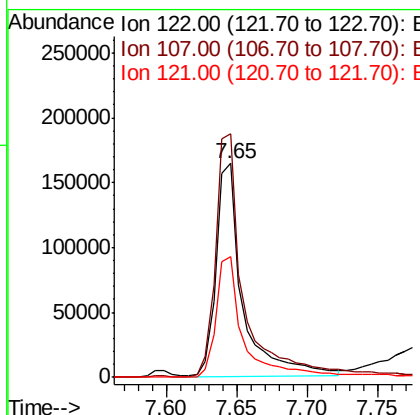
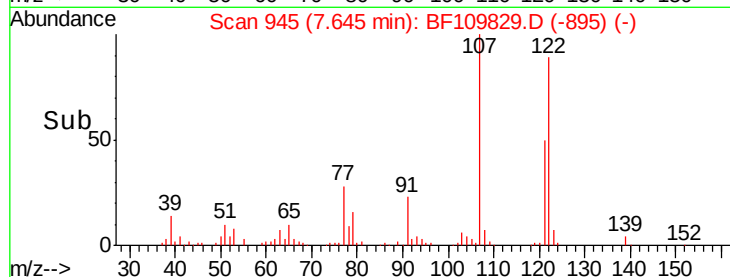
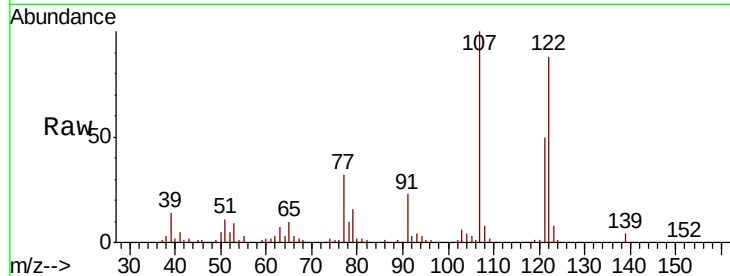
ClientSampleId :

PB113751BS

Tot Ion:	122	Resp:	217934
Ion Ratio	Lower	Upper	
122	100		
107	113.7	92.5	138.7
121	56.7	45.8	68.8

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



#28

bis(2-Chloroethoxy)methane

Concen: 42.057 ng

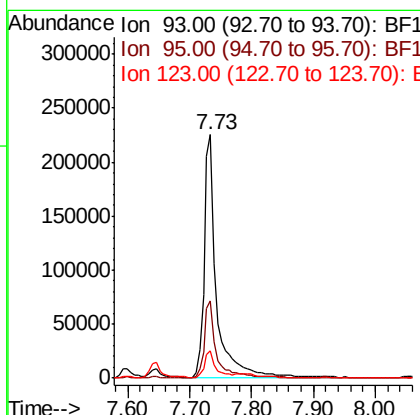
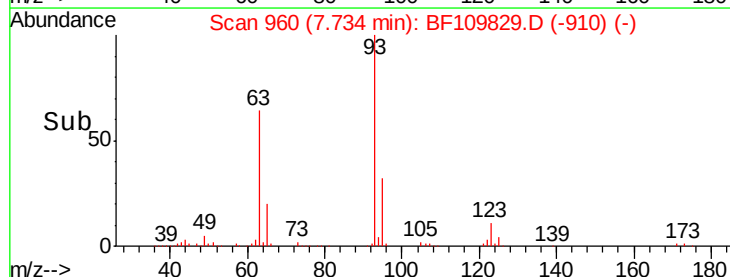
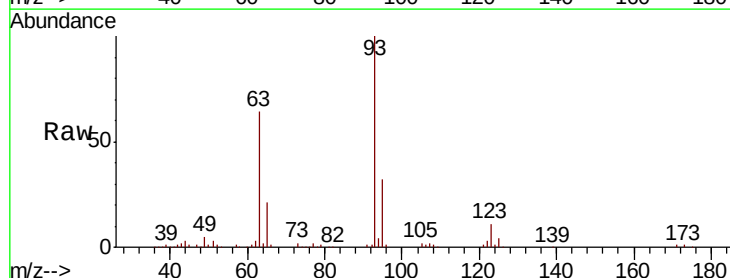
RT: 7.73 min Scan# 960

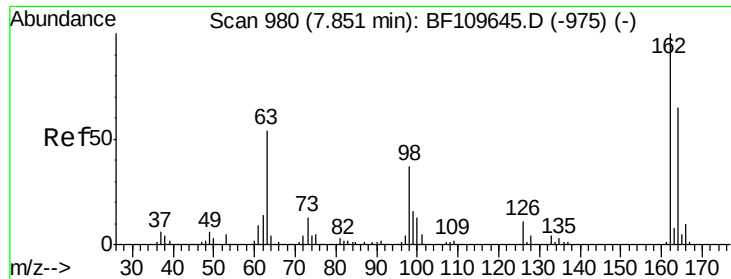
Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion:	93	Resp:	313807
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.4	39.6
123	11.3	9.0	13.6





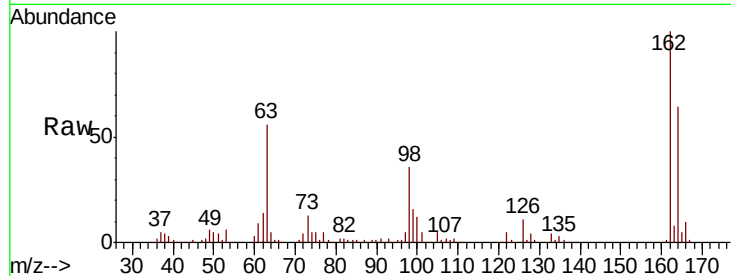
#29
2,4-Dichlorophenol
Concen: 41.730 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

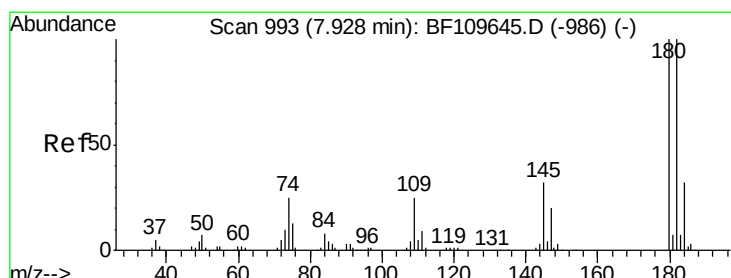
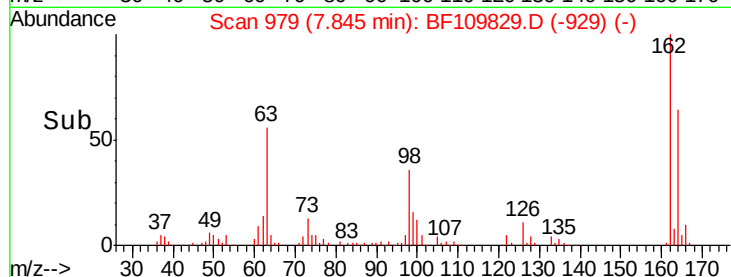
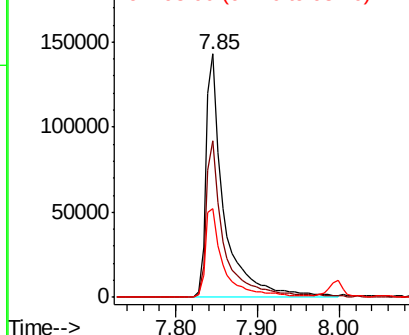
Tot Ion:	162	Resp:	218543
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.6	84.6
98	36.2	17.4	57.4

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM

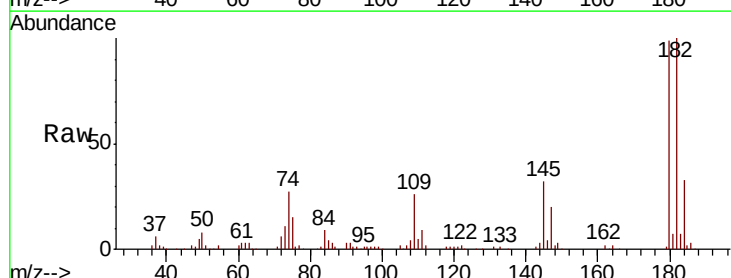


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

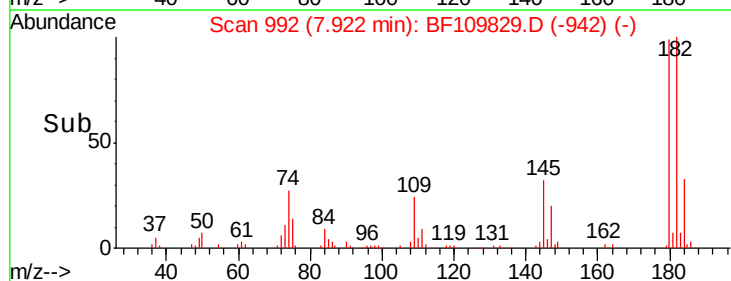
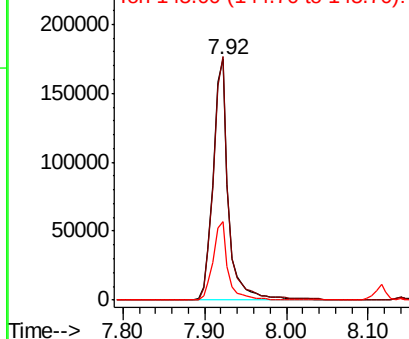


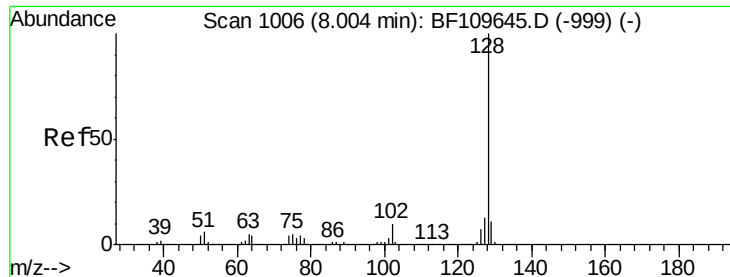
#30
1,2,4-Trichlorobenzene
Concen: 39.424 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	180	Resp:	228560
Ion Ratio	Lower	Upper	
180	100		
182	101.1	80.3	120.5
145	32.8	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





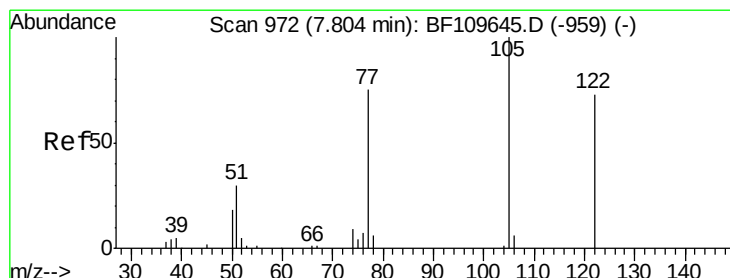
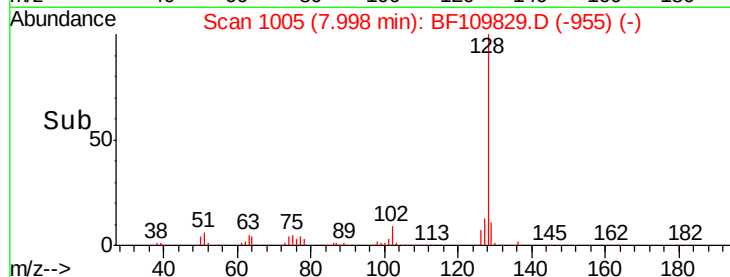
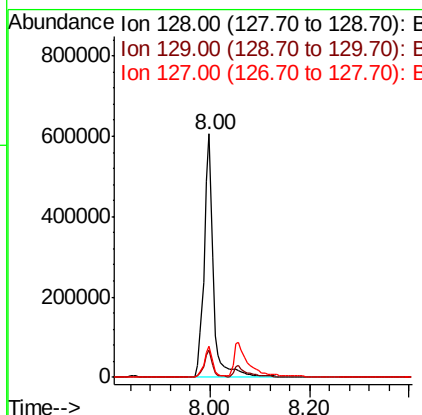
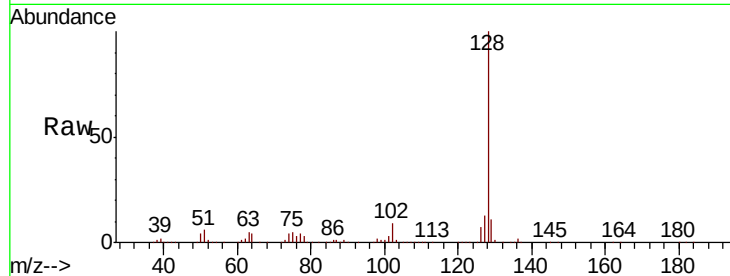
#31
Naphthalene
Concen: 45.798 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	775589		
129	11.1		8.8	13.2
127	13.0		10.8	16.2

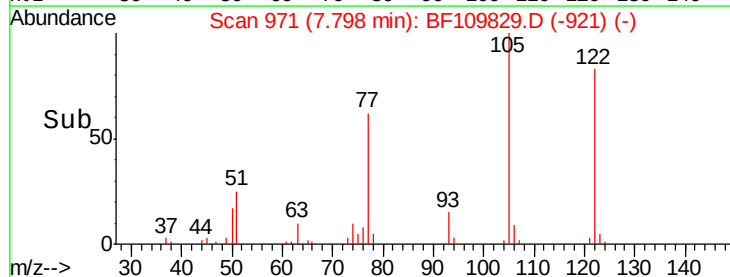
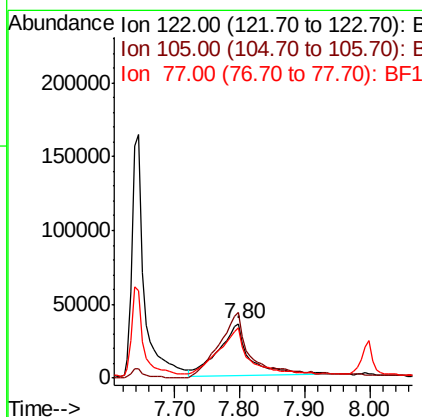
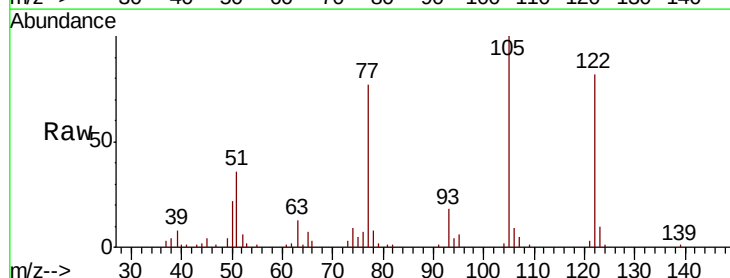
Manual Integrations
APPROVED

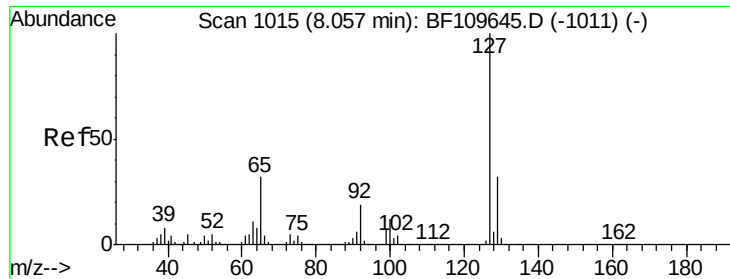
Sohil
10/15/2018 10:28:20 AM



#32
Benzoic acid
Concen: 36.310 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	121207		
105	122.3		109.0	149.0
77	93.6		79.0	119.0





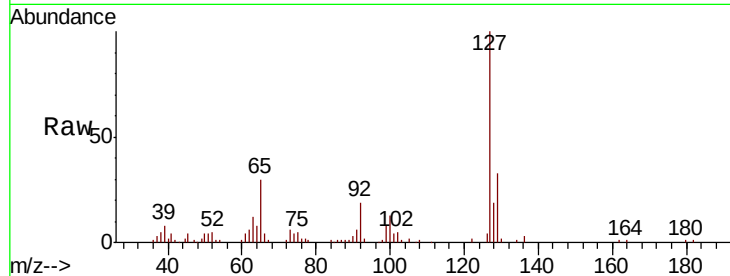
#33
4-Chloroaniline
Concen: 25.462 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		189887		
129	33.1	26.0	39.0		
65	30.4	25.1	37.7		
92	19.2	15.0	22.6		

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



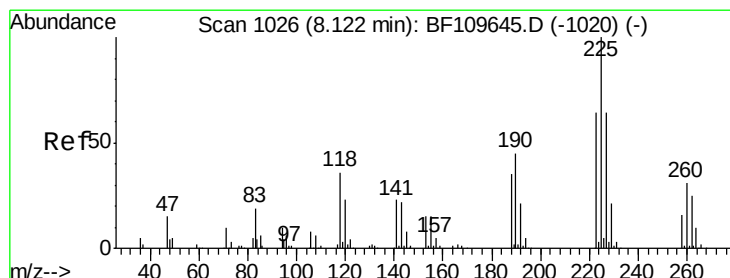
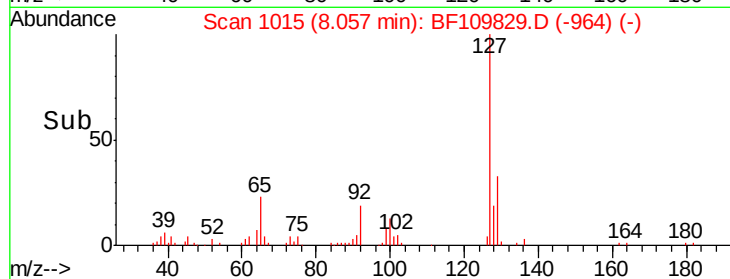
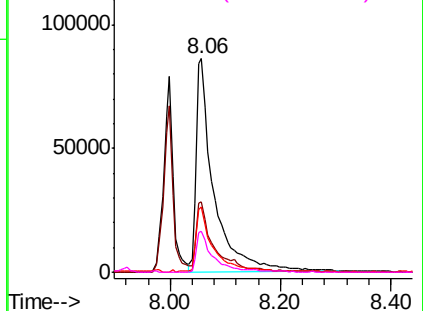
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

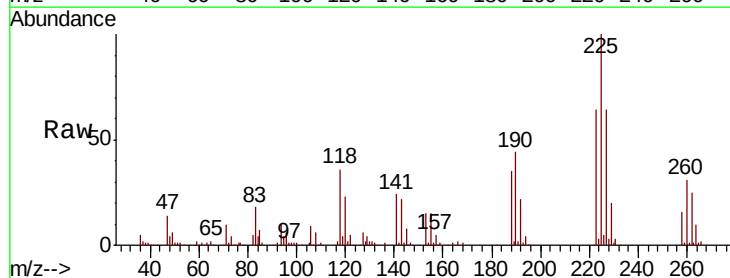
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.132 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		141057		
223	63.8	51.4	77.2		
227	63.8	51.0	76.6		

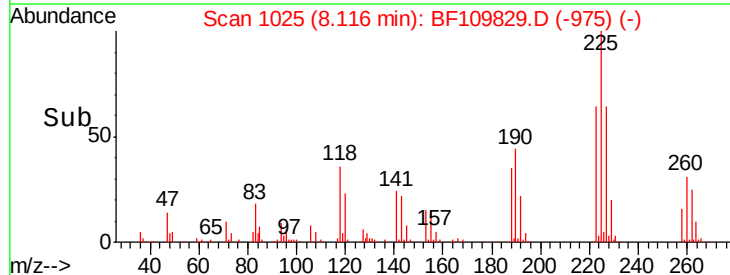
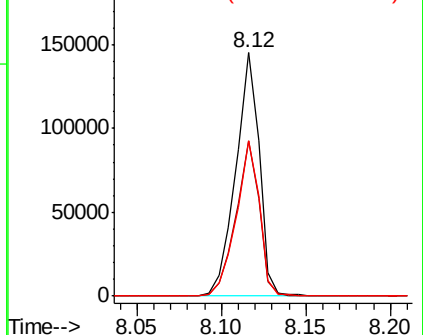


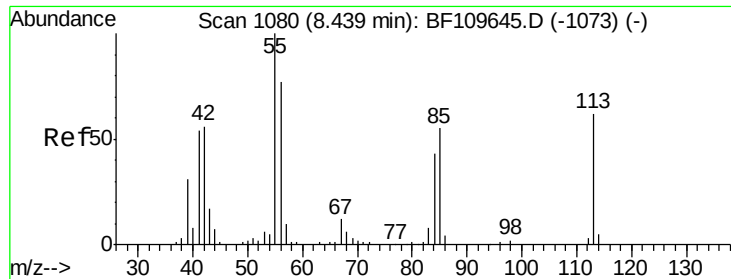
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





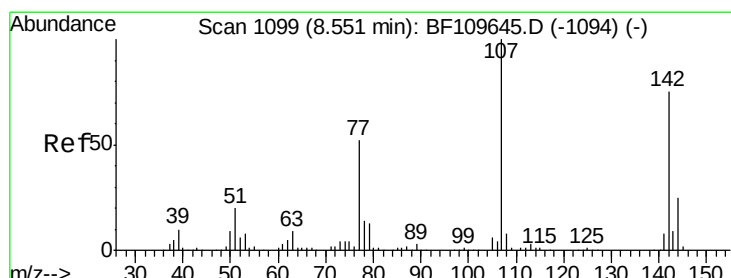
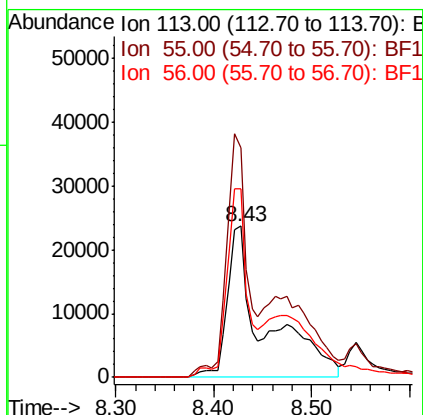
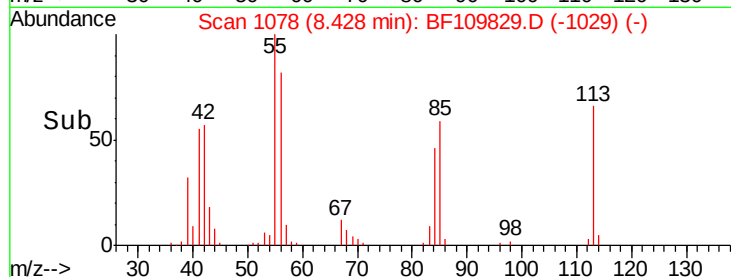
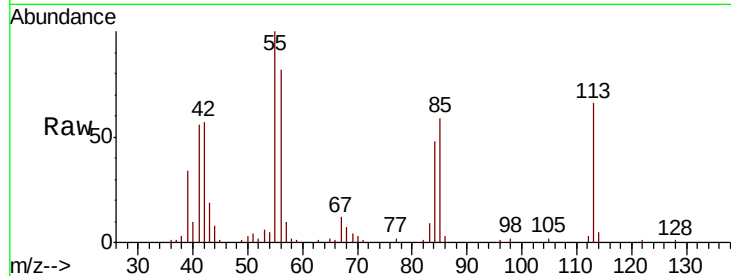
#35
Caprolactam
Concen: 40.034 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleID :
PB113751BS

Tot Ion:113 Resp: 62614
Ion Ratio Lower Upper
113 100
55 152.2 142.8 182.8
56 125.2 105.0 145.0

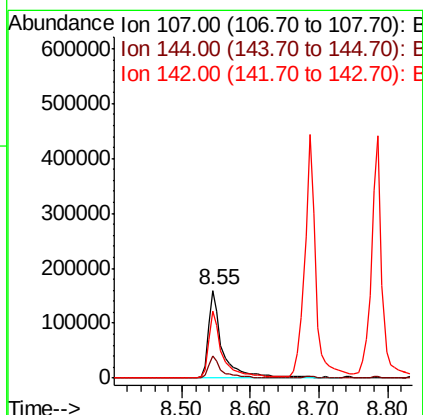
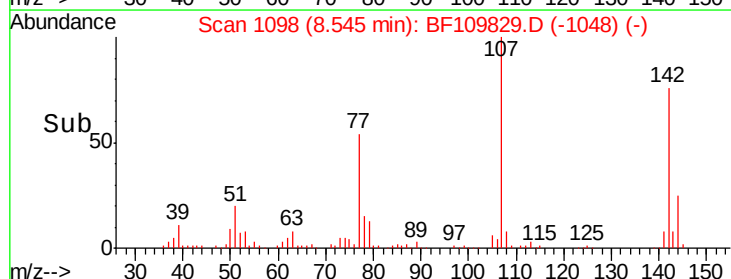
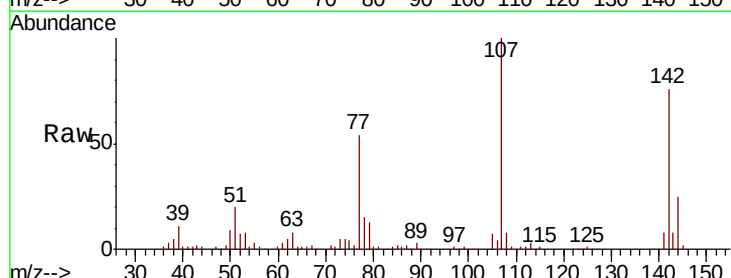
Manual Integrations
APPROVED

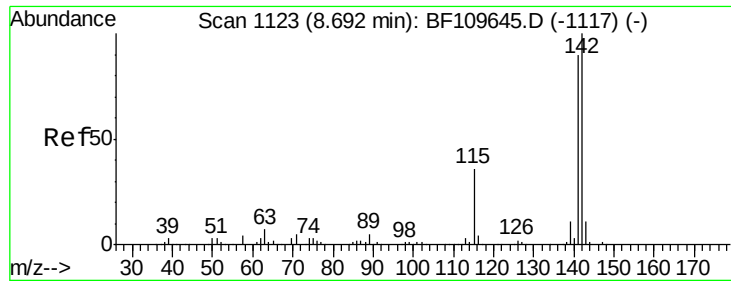
Sohil
10/15/2018 10:28:20 AM



#36
4-Chloro-3-methylphenol
Concen: 42.373 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:107 Resp: 234245
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 76.1 59.7 89.5





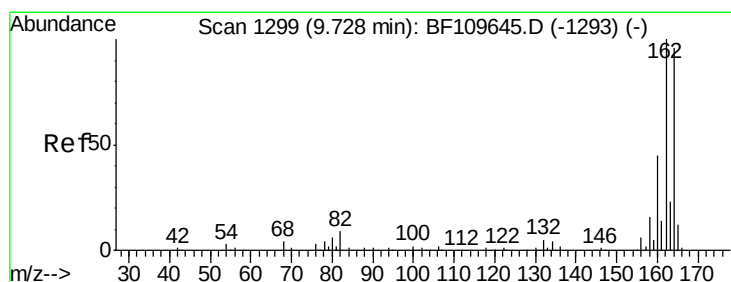
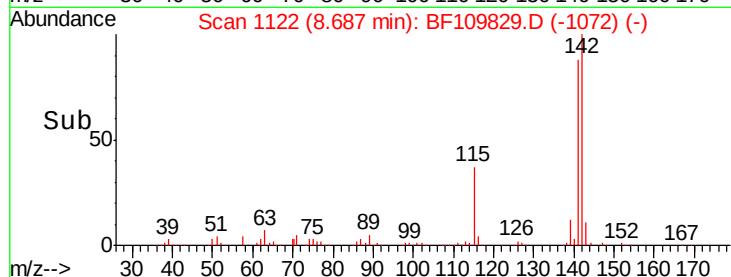
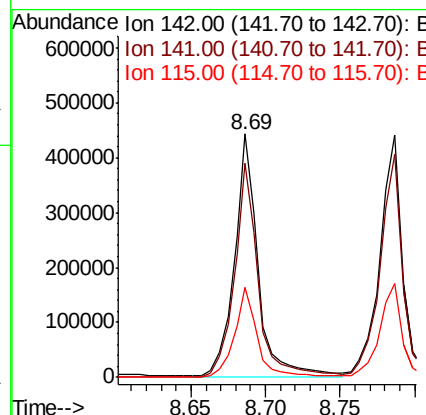
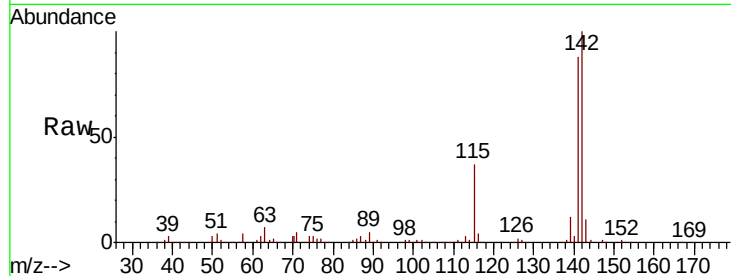
#37
2-Methylnaphthalene
Concen: 45.053 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	36.9	28.7	43.1

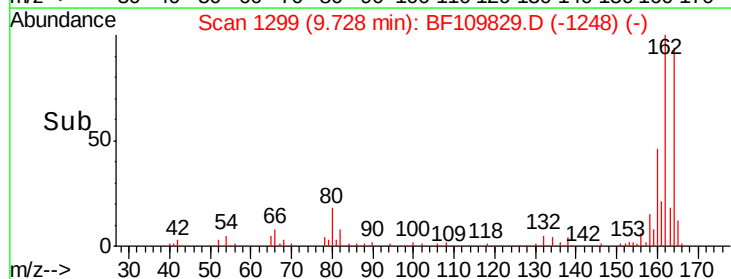
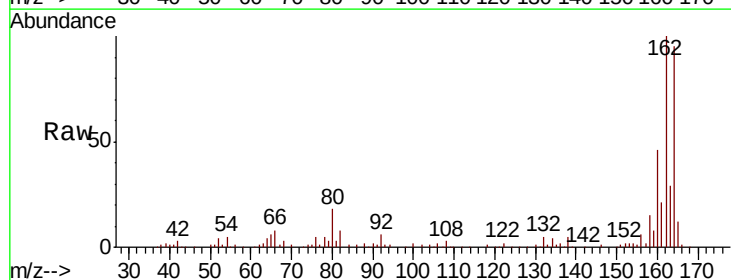
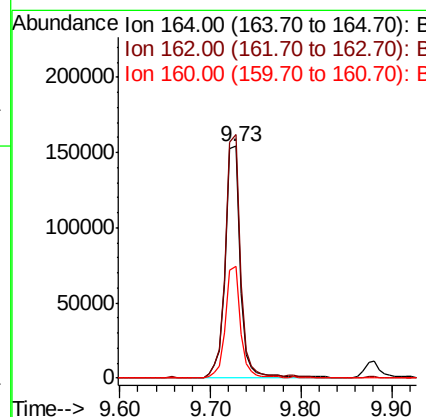
Manual Integrations
APPROVED

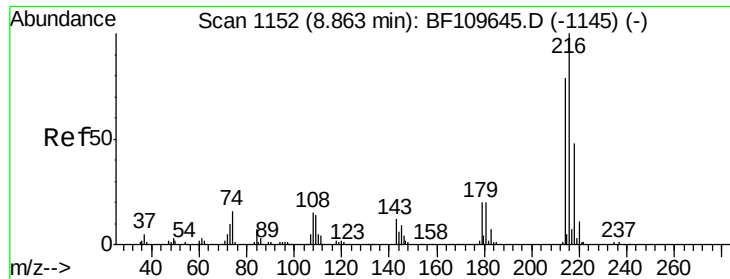
Sohil
10/15/2018 10:28:20 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	48.1	37.0	55.6





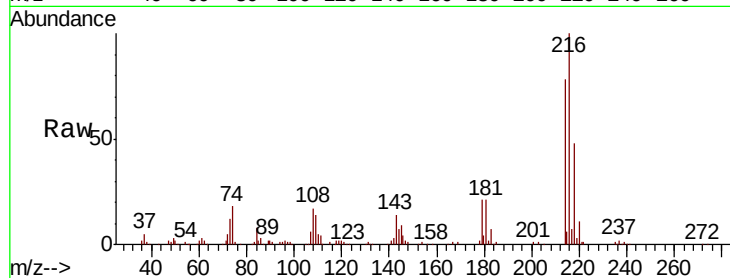
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.957 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		235671		
214	79.0	63.8	95.6		
179	20.8	16.6	25.0		
108	21.2	15.1	22.7		

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM



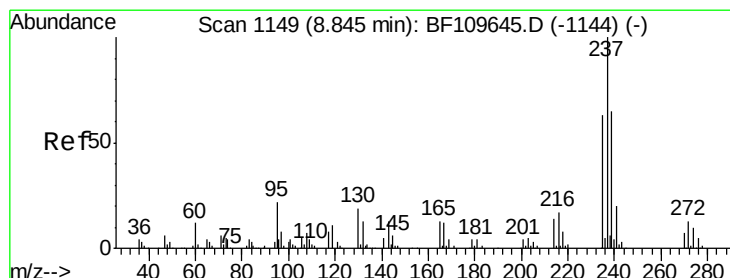
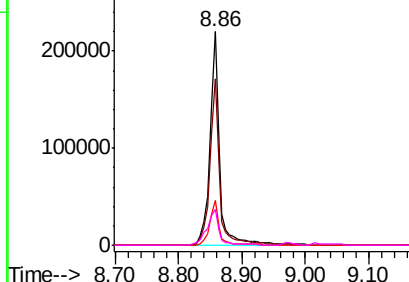
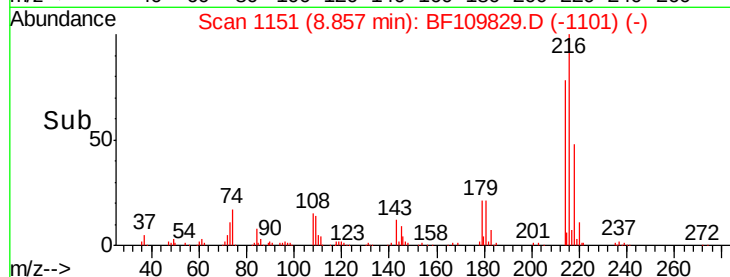
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

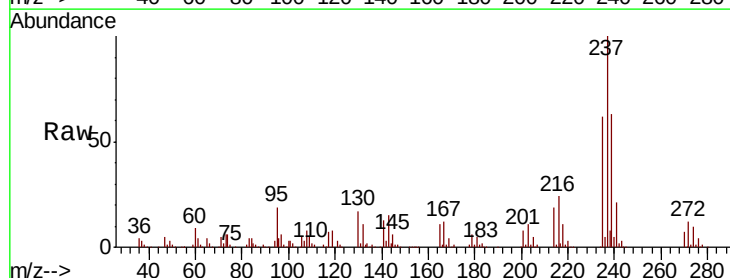
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 82.092 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		218000		
235	62.2	43.1	83.1		
272	12.4	0.0	32.6		

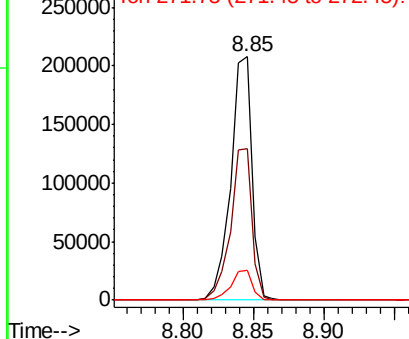
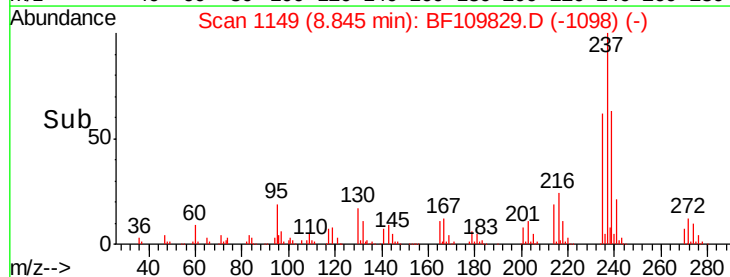


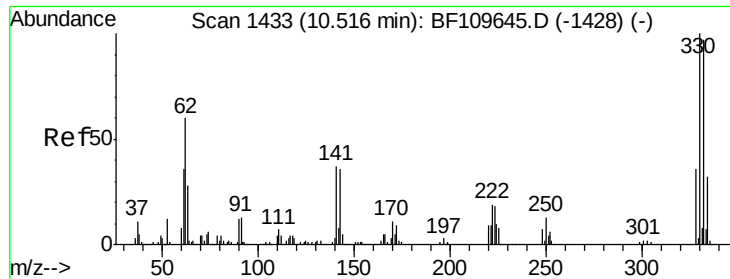
Abundance

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





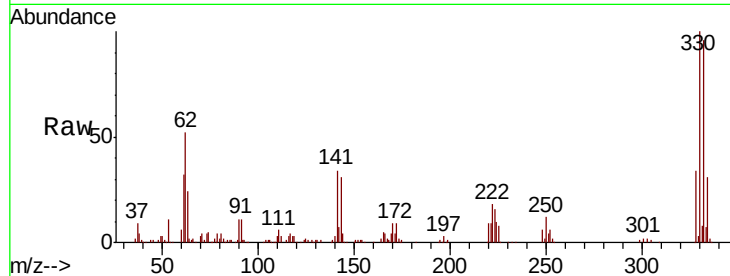
#41
 2,4,6-Tribromophenol
 Concen: 119.543 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampled :
 PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231482		
332	98.2	77.1	115.7	
141	33.8	27.0	40.4	

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

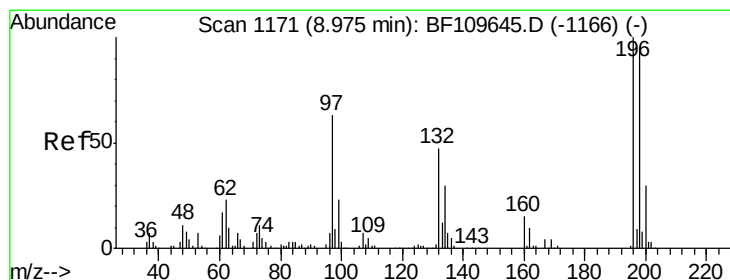
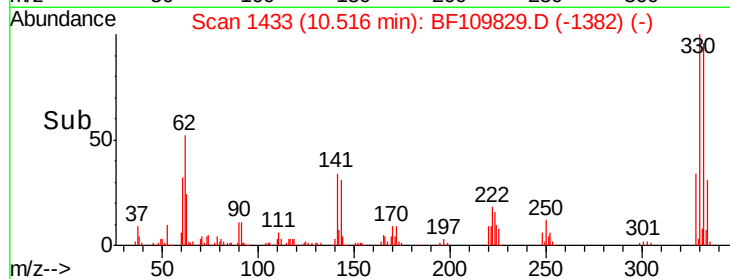
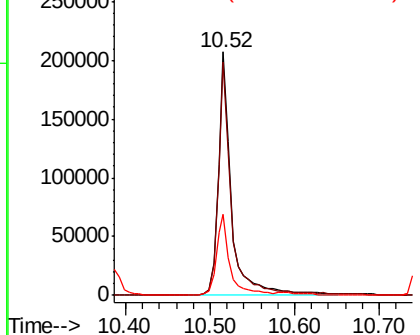


Abundance

Ion 329.80 (329.50 to 330.50): E

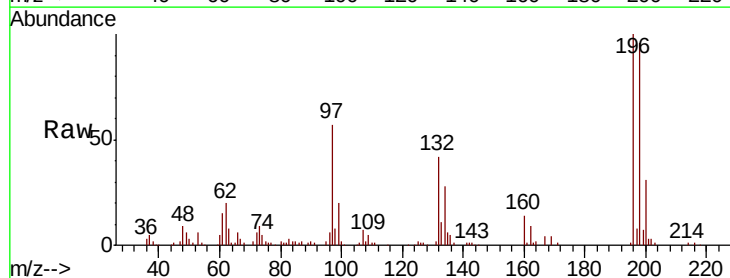
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.499 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135610		
198	95.9	76.2	114.4	
200	30.9	24.4	36.6	

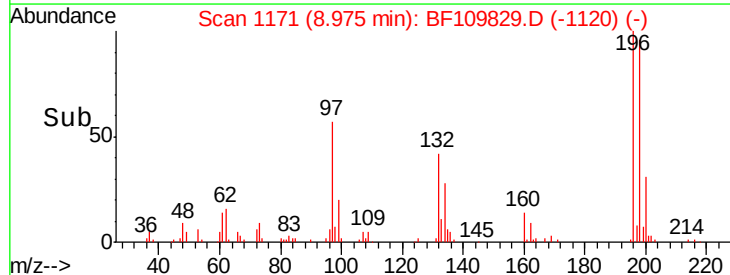
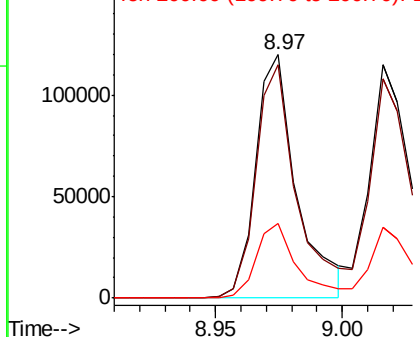


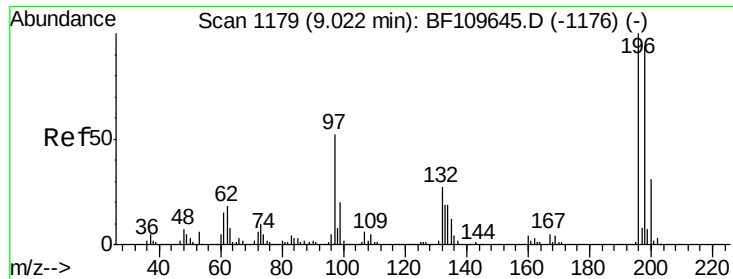
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





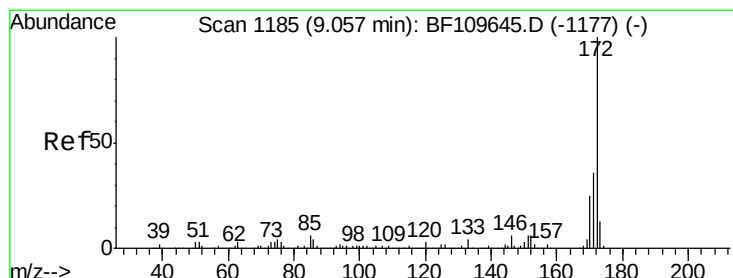
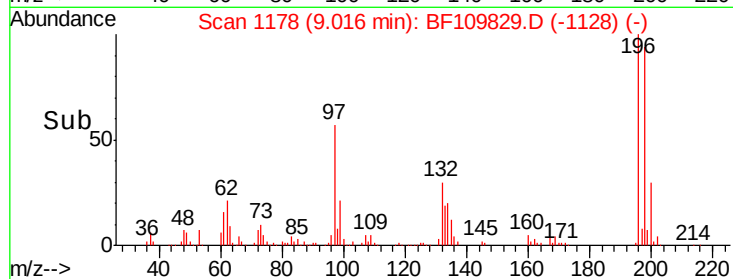
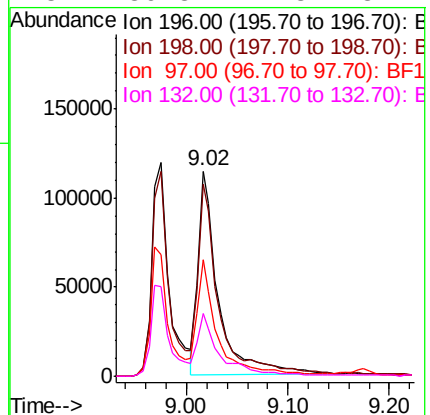
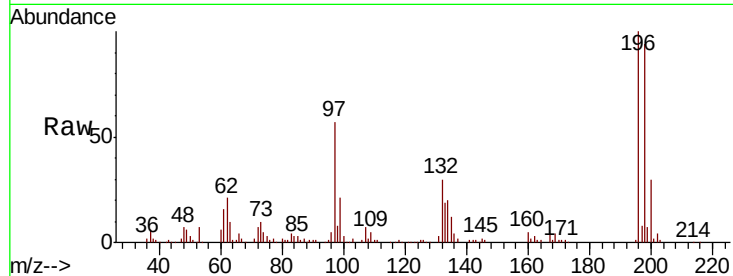
#43
 2,4,5-Trichlorophenol
 Concen: 38.331 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		159384		
198	93.7	75.8	113.6		
97	56.6	42.4	63.6		
132	30.3	22.8	34.2		

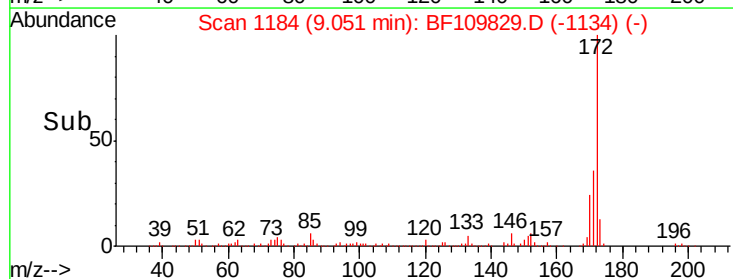
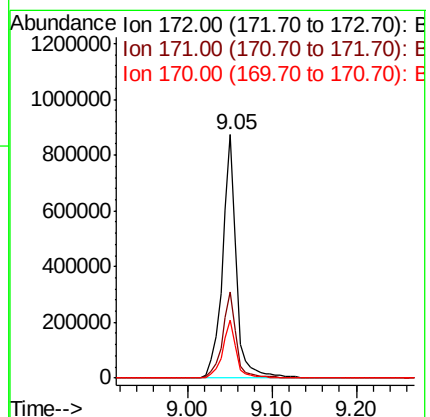
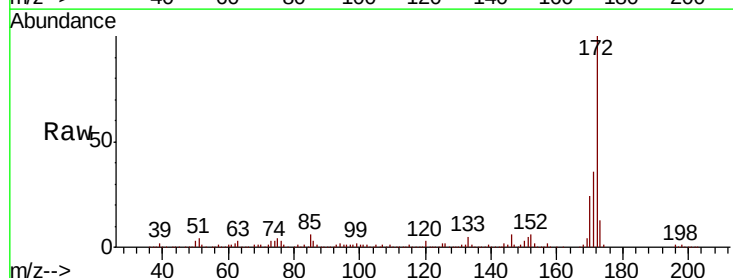
Manual Integrations
 APPROVED

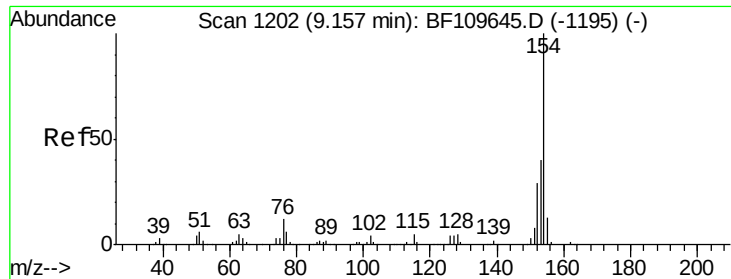
Sohil
 10/15/2018 10:28:20 AM



#44
 2-Fluorobiphenyl
 Concen: 78.139 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1008273		
171	35.6	28.6	43.0		
170	23.8	19.7	29.5		





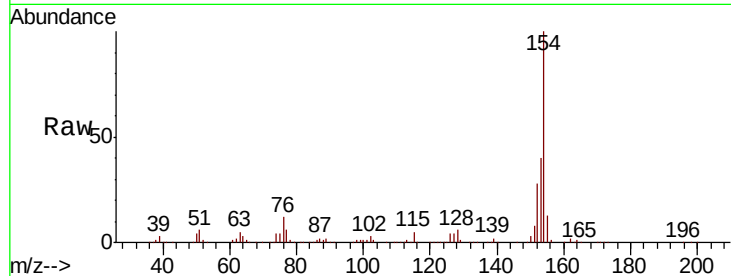
#45
1,1'-Biphenyl
Concen: 39.167 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	621826		
153	40.1		20.4	60.4
76	11.5		0.0	31.9

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM

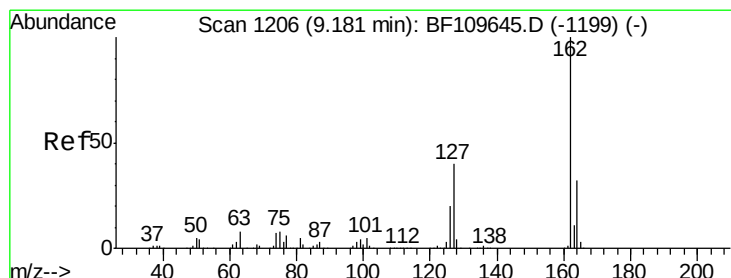
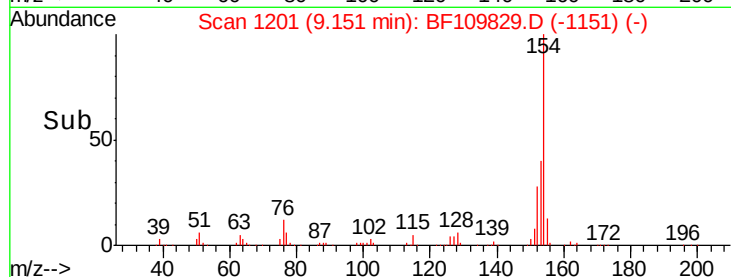
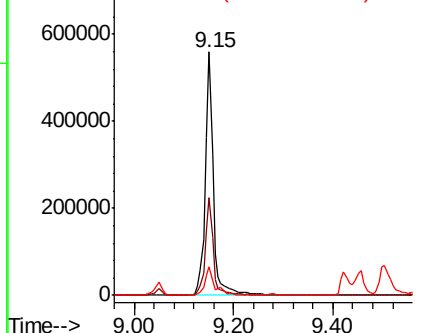


Abundance

Ion 154.00 (153.70 to 154.70): E

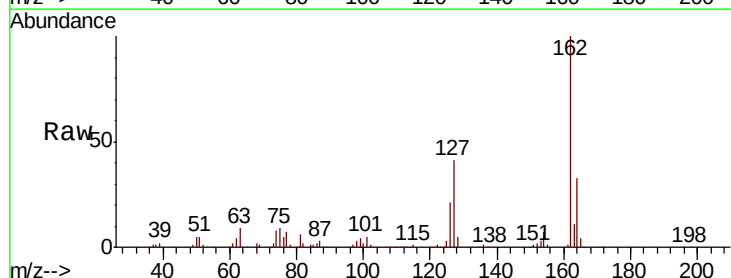
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 39.774 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	473084		
127	41.3		32.6	48.8
164	32.7		25.9	38.9

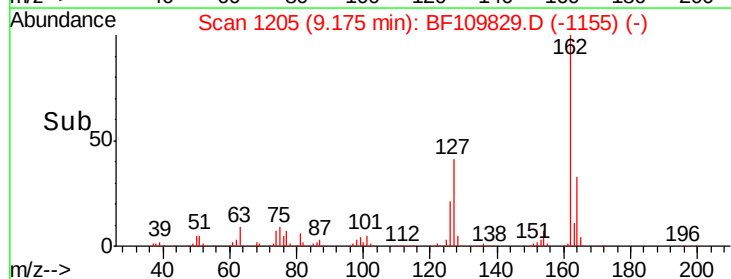
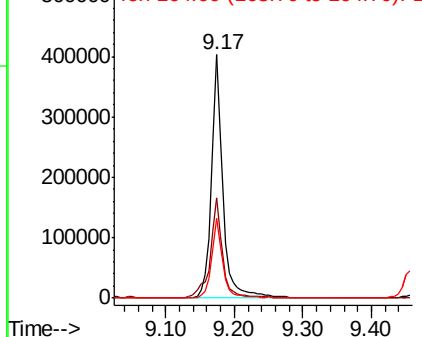


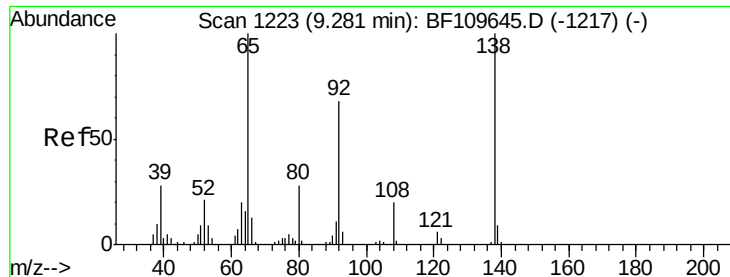
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.026 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

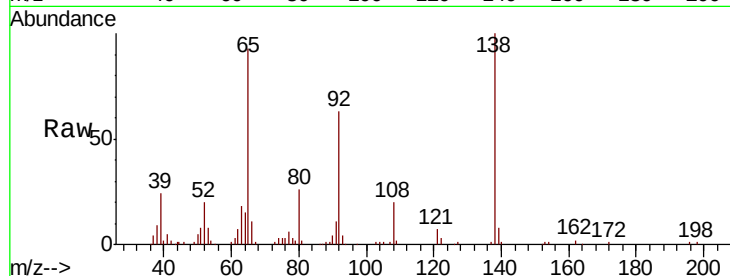
ClientSampleId :

PB113751BS

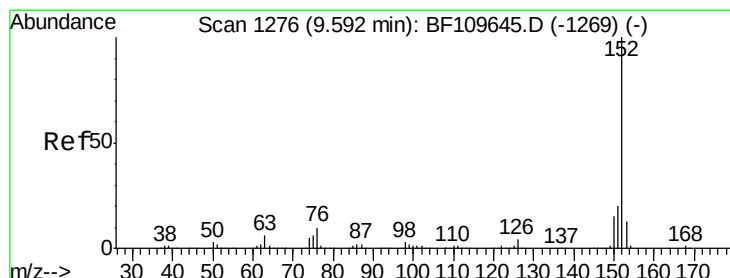
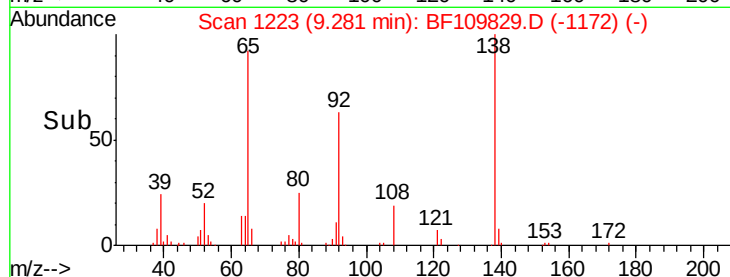
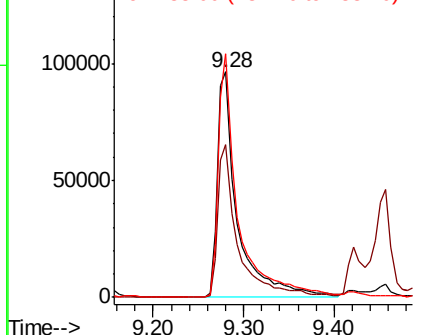
Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		147754		
92	67.5	54.6	81.8		
138	108.0	80.3	120.5		

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 43.227 ng

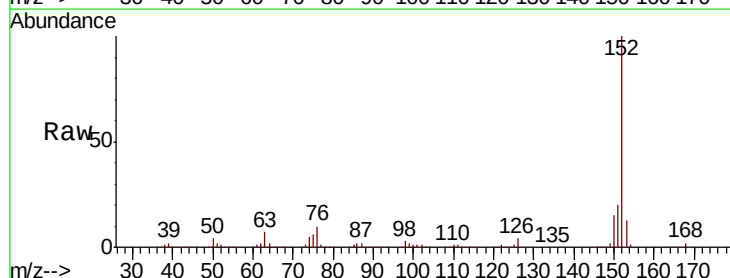
RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

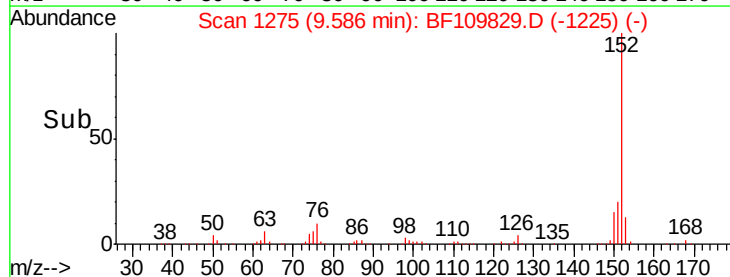
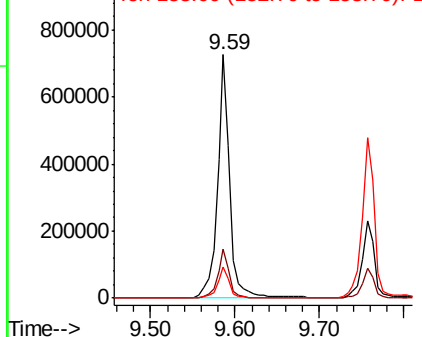
Lab File: BF109829.D

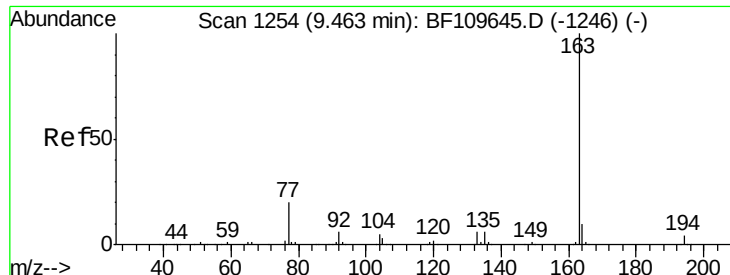
Acq: 12 Oct 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		749565		
151	20.1	15.8	23.8		
153	12.9	10.4	15.6		



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





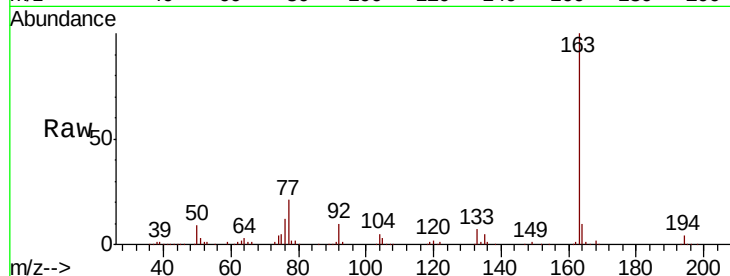
#49
Dimethylphthalate
Concen: 41.207 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

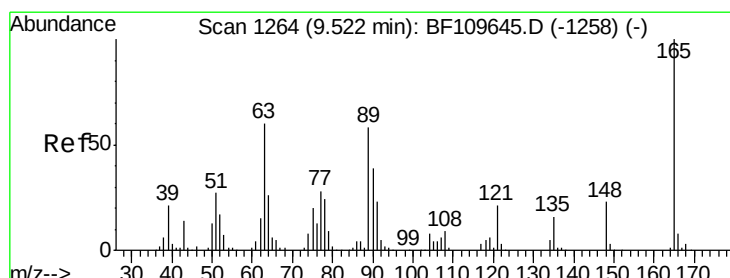
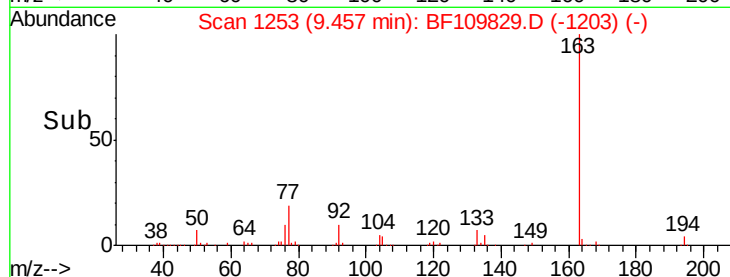
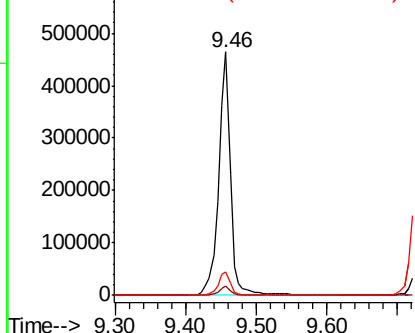
Tot Ion	Ratio	Resp	Lower	Upper
163	100	537077		
194	3.8		3.2	4.8
164	9.6		8.1	12.1

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM

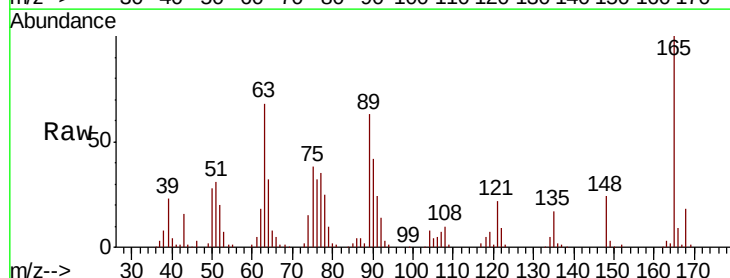


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

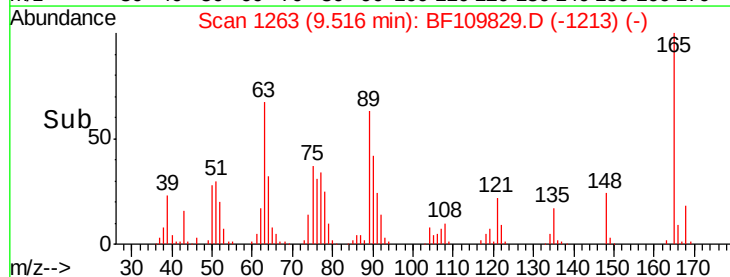
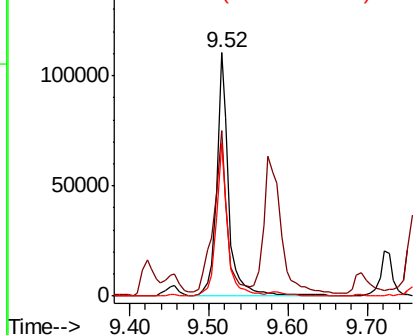


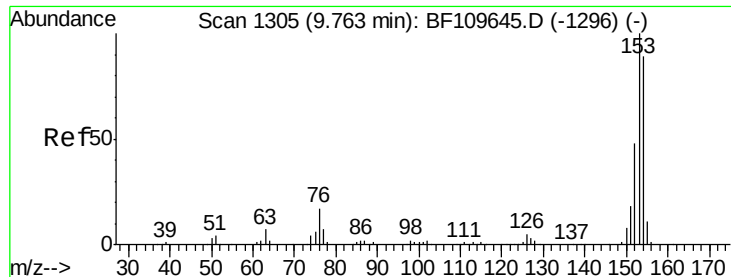
#50
2,6-Dinitrotoluene
Concen: 41.544 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117373		
63	68.2		48.9	73.3
89	62.7		46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.489 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

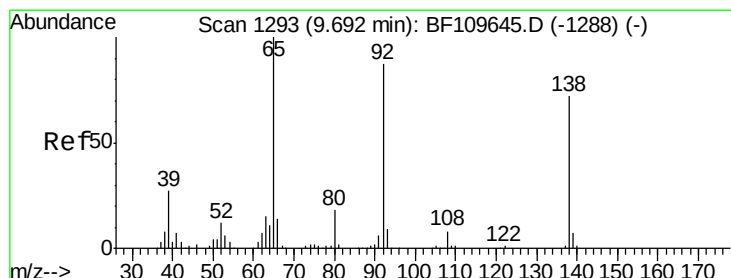
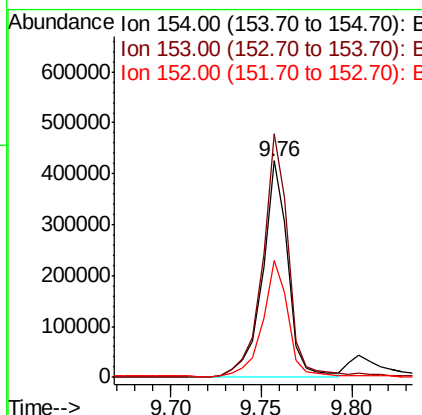
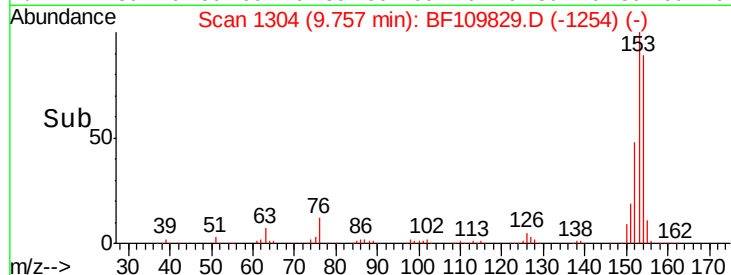
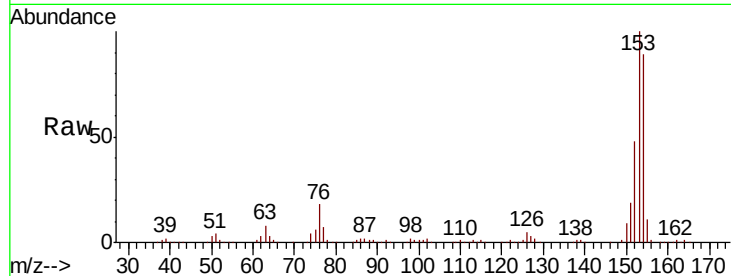
ClientSampleId :

PB113751BS

Tot Ion:	154	Resp:	416201
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	54.1	43.4	65.2

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



#52

3-Nitroaniline

Concen: 26.133 ng

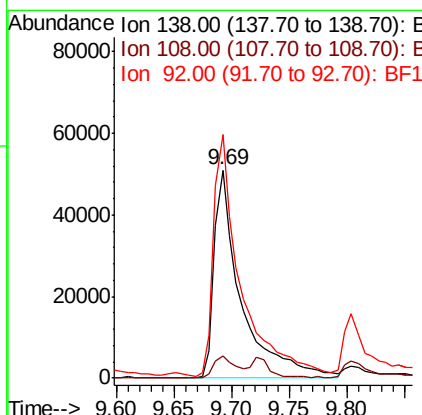
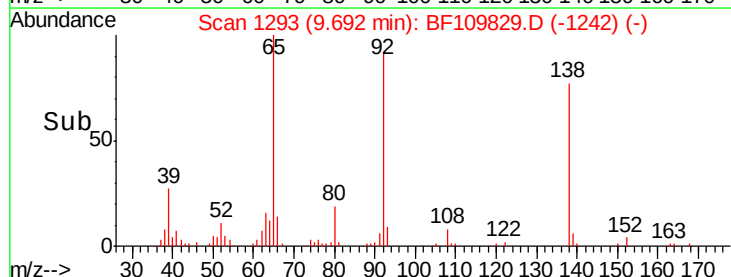
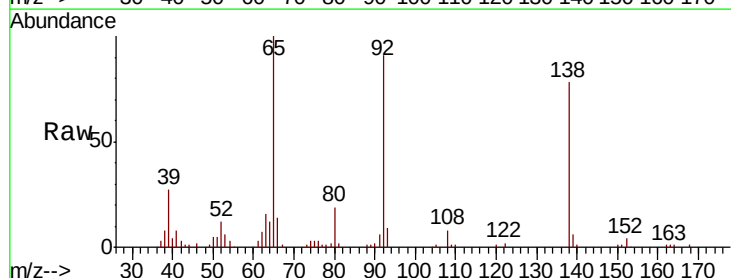
RT: 9.69 min Scan# 1293

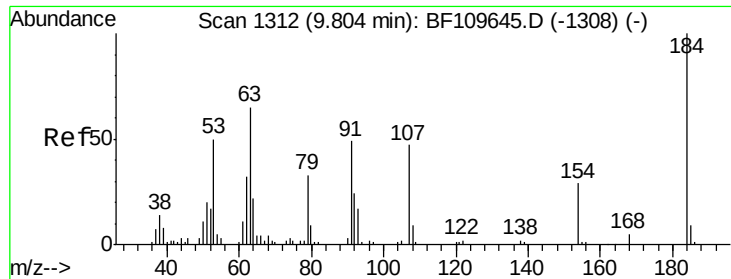
Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion:	138	Resp:	82764
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.7	13.1
92	116.9	97.0	145.4





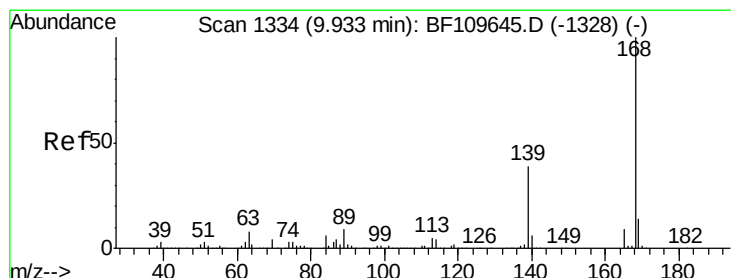
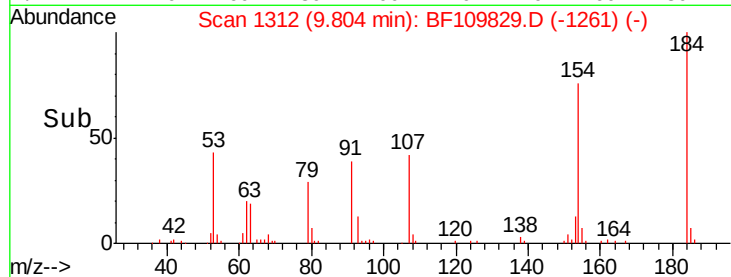
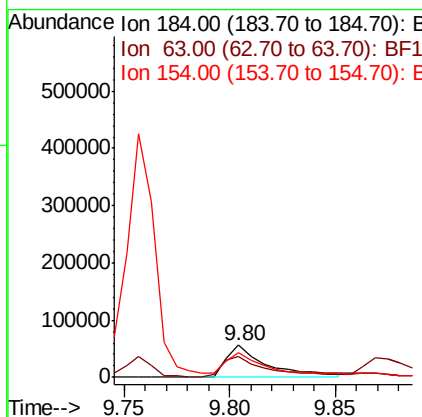
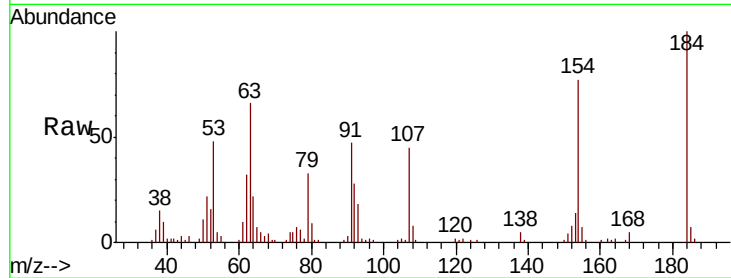
#53
 2,4-Dinitrophenol
 Concen: 83.678 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	76275		
63	66.0		55.8	83.6
154	77.1		63.2	94.8

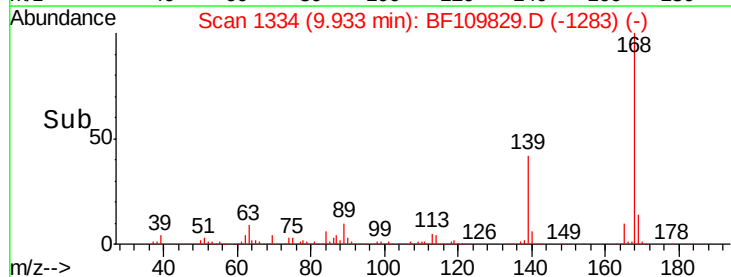
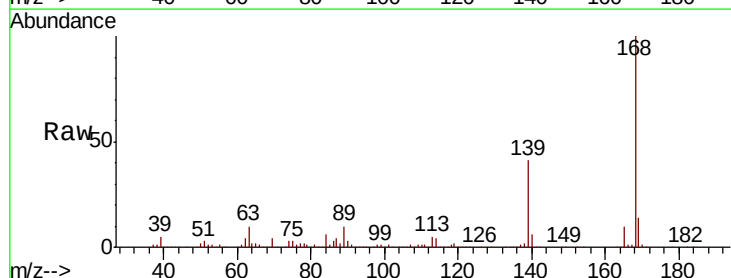
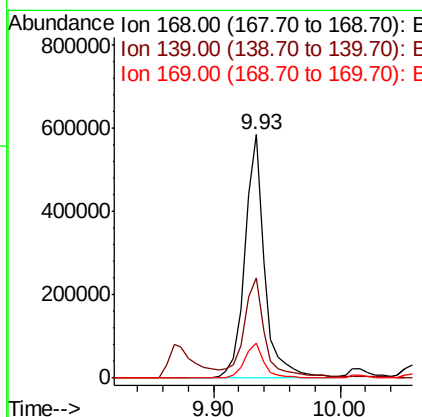
Manual Integrations
 APPROVED

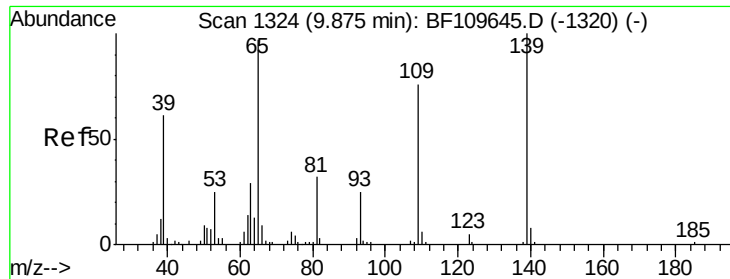
Sohil
 10/15/2018 10:28:20 AM



#54
 Dibenzofuran
 Concen: 40.806 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	628752		
139	41.4		33.0	49.6
169	14.1		11.3	16.9





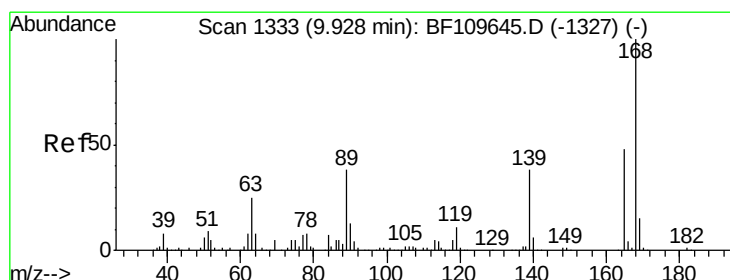
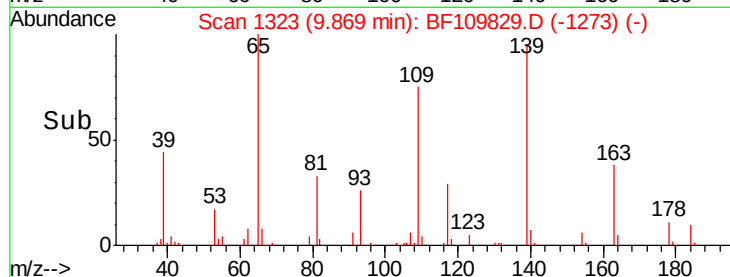
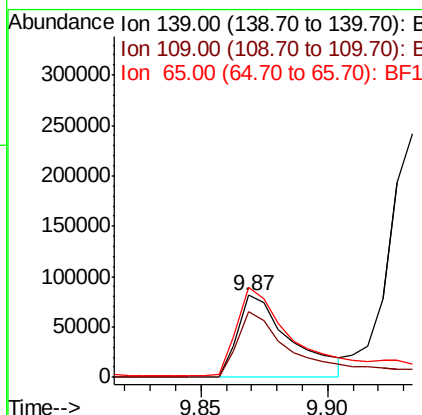
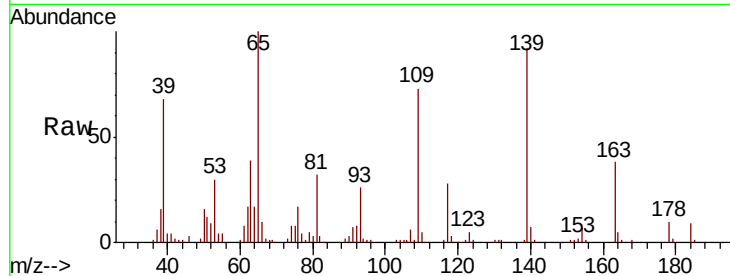
#55
4-Nitrophenol
Concen: 68.639 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.7	55.8	95.8	
65	109.1	77.9	117.9	

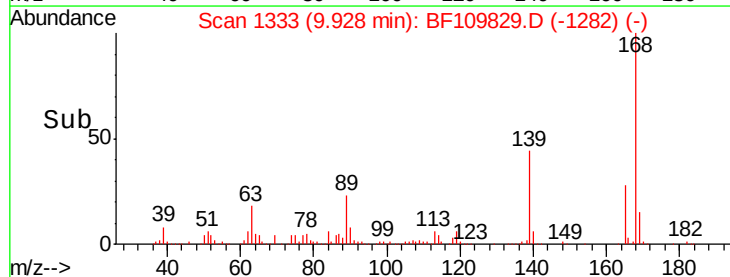
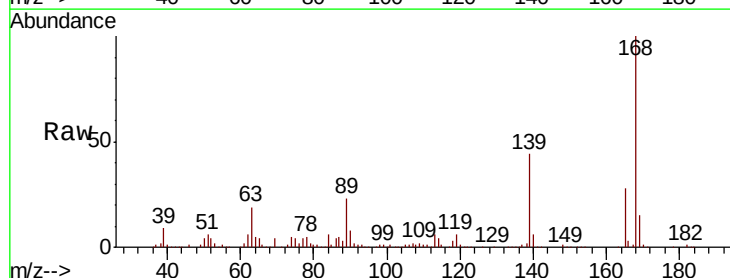
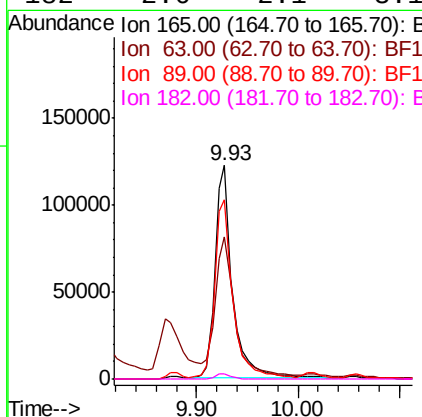
Manual Integrations
APPROVED

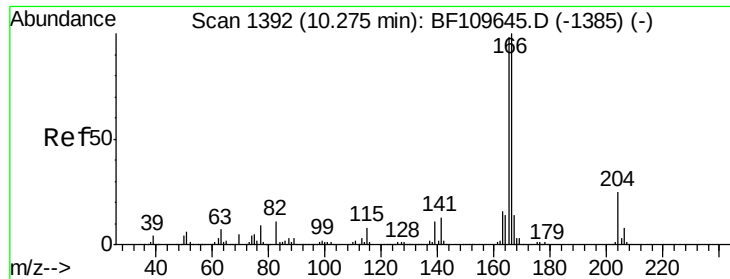
Sohil
10/15/2018 10:28:20 AM



#56
2,4-Dinitrotoluene
Concen: 41.680 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.8	44.8	67.2	
89	83.7	62.2	93.4	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 43.459 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

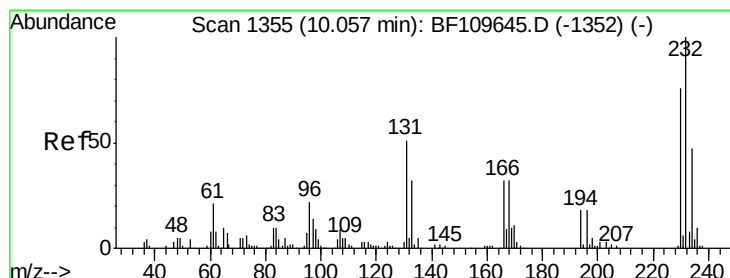
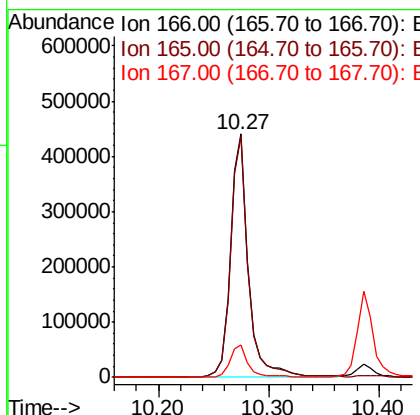
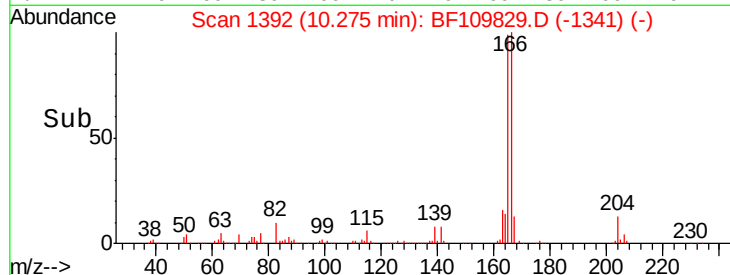
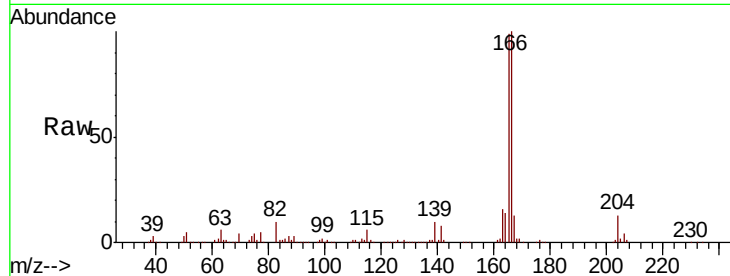
ClientSampleId :

PB113751BS

Tot Ion:	166	Resp:	500068
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.6	117.8
167	13.1	10.8	16.2

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.375 ng

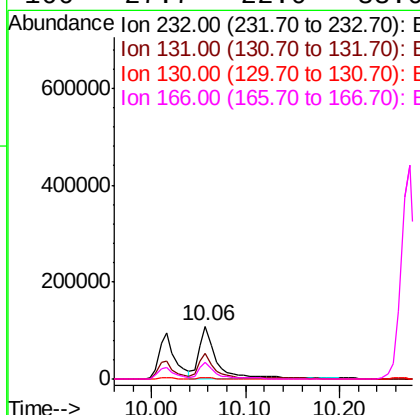
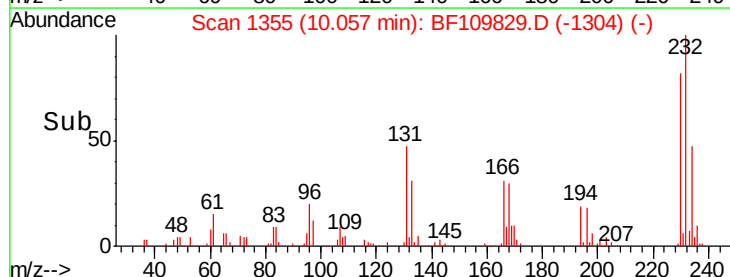
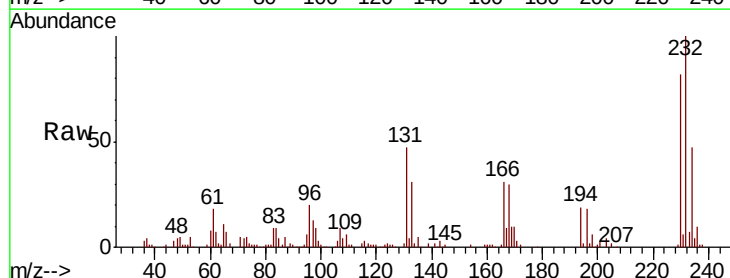
RT: 10.06 min Scan# 1355

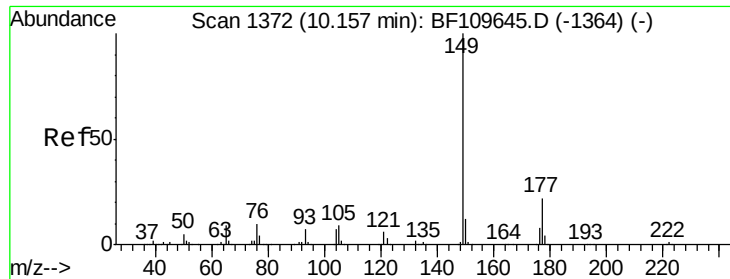
Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion:	232	Resp:	139850
Ion Ratio	Lower	Upper	
232	100		
131	43.1	37.0	55.4
130	2.2	1.8	2.6
166	27.7	22.0	33.0





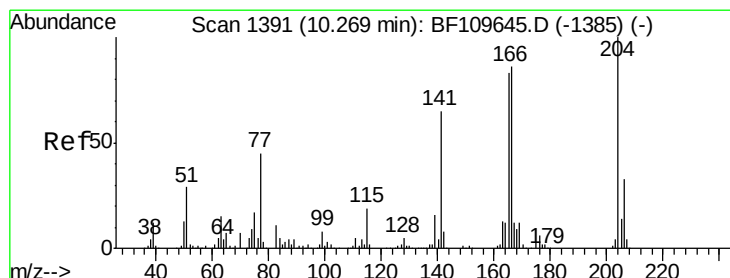
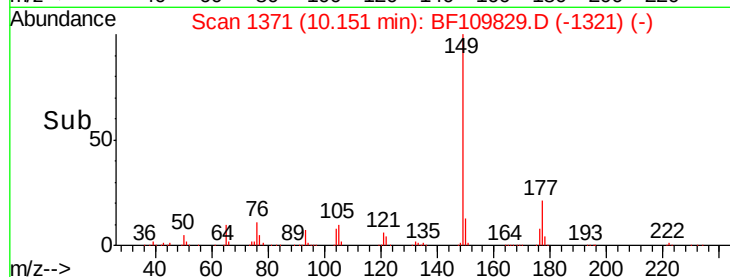
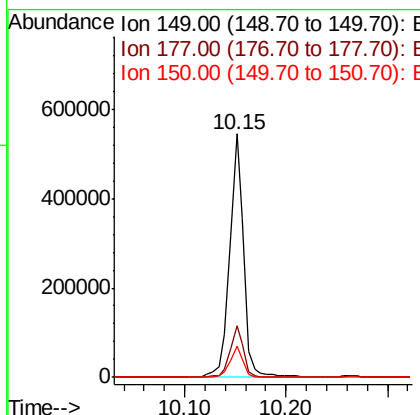
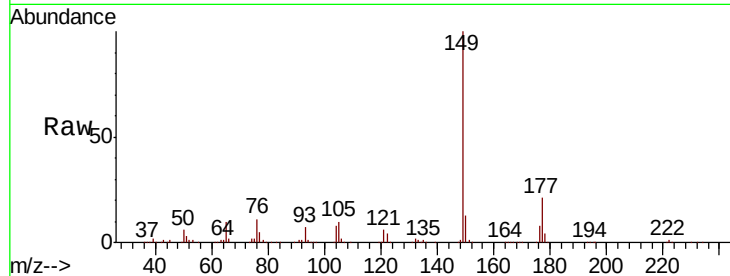
#59
Diethylphthalate
Concen: 40.527 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	523361		
177	21.0		17.4	26.2
150	12.6		9.8	14.8

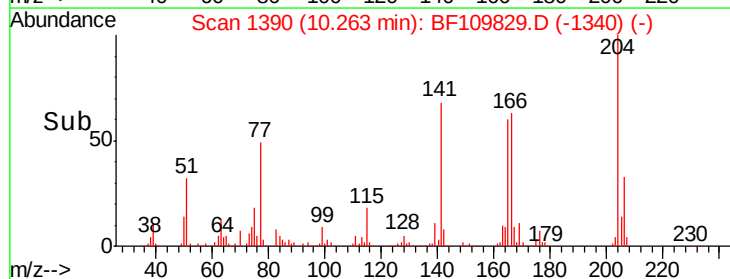
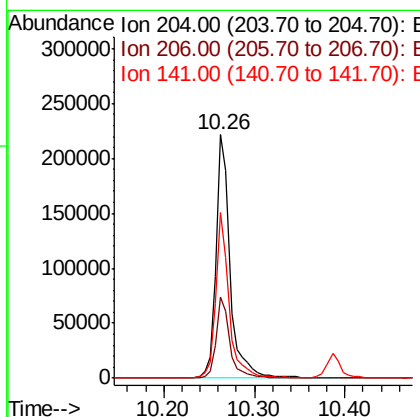
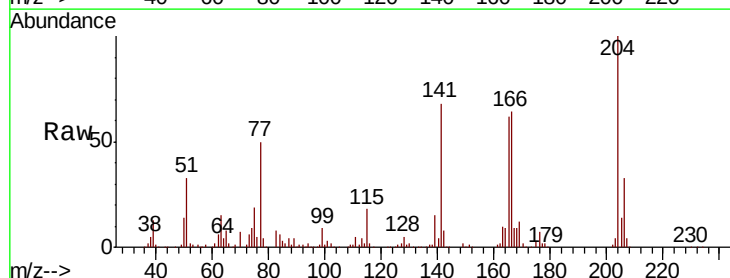
Manual Integrations
APPROVED

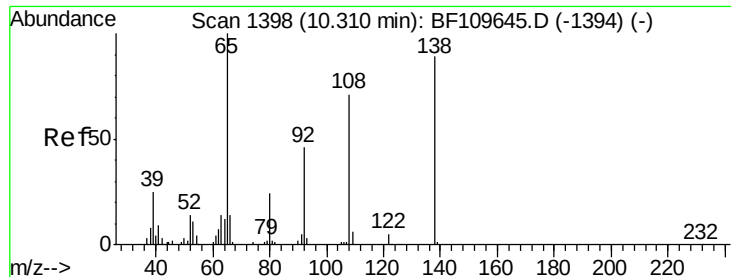
Sohil
10/15/2018 10:28:20 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.503 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	239805		
206	33.1		26.5	39.7
141	68.2		51.8	77.8





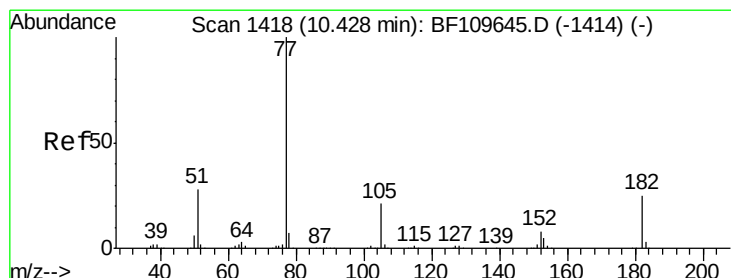
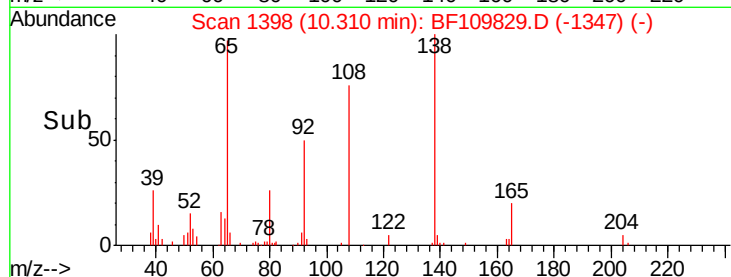
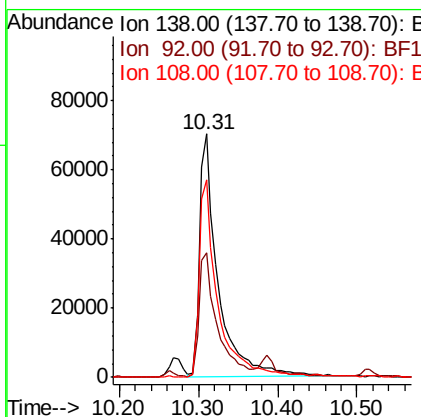
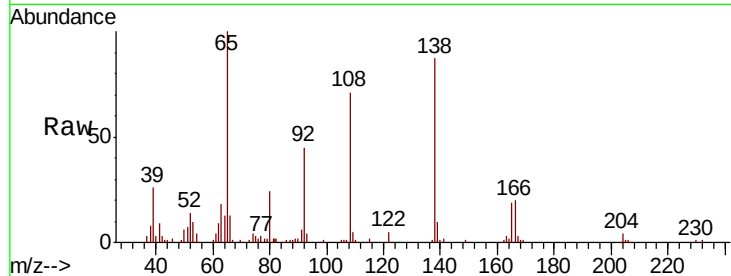
#61
4-Nitroaniline
Concen: 39.045 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.7	71.7
108	81.4	59.3	99.3

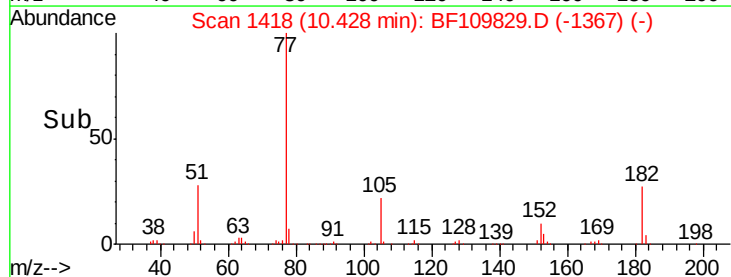
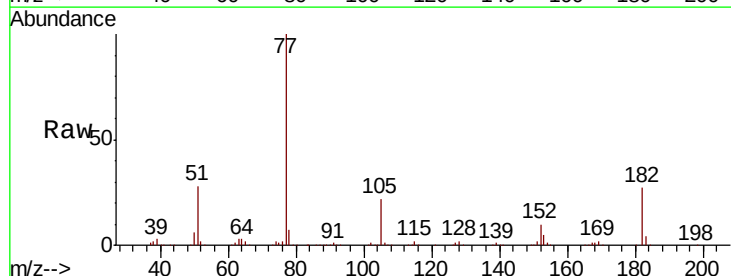
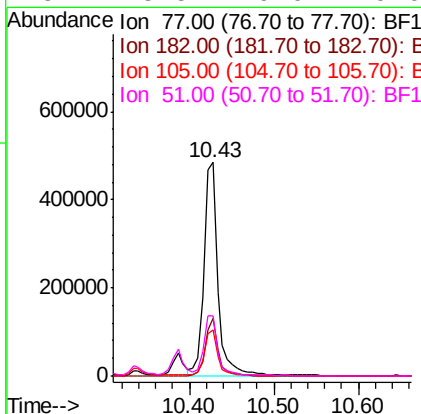
Manual Integrations
APPROVED

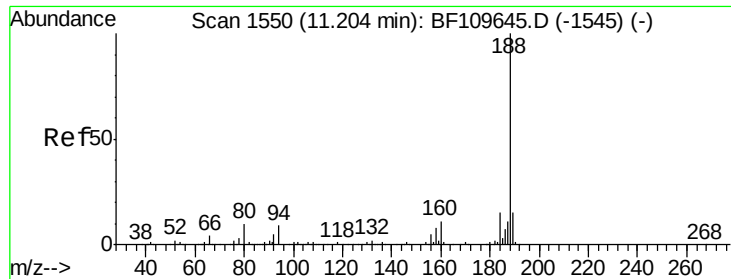
Sohil
10/15/2018 10:28:20 AM



#62
Azobenzene
Concen: 42.263 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.3	44.3
105	21.8	1.3	41.3
51	28.5	9.0	49.0





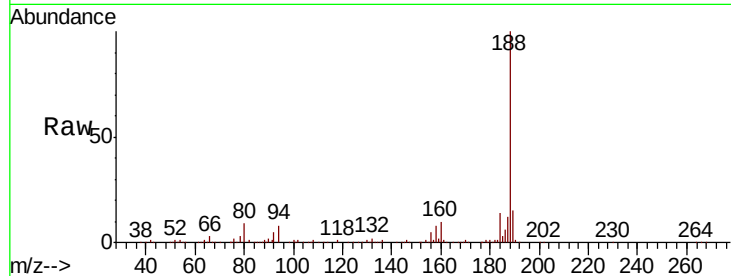
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

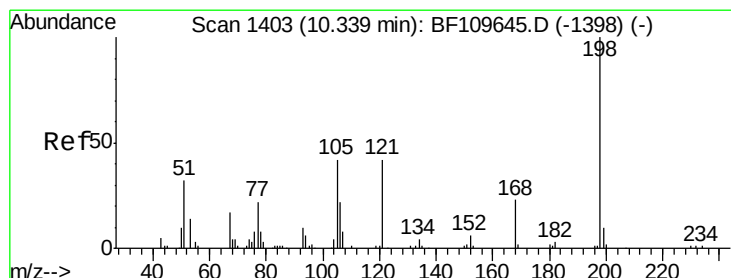
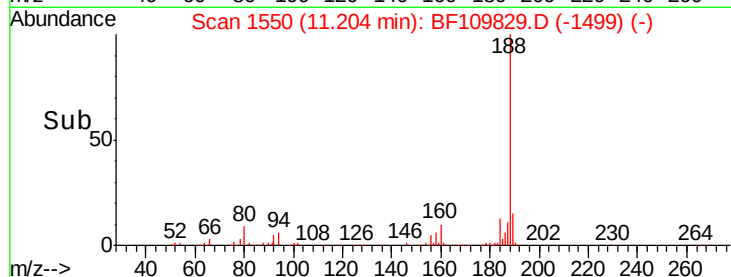
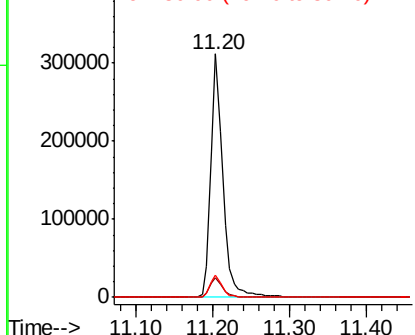
Tot Ion	Ratio	Resp	Lower	Upper
188	100	338239		
94	8.1		7.2	10.8
80	9.2		7.9	11.9

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM

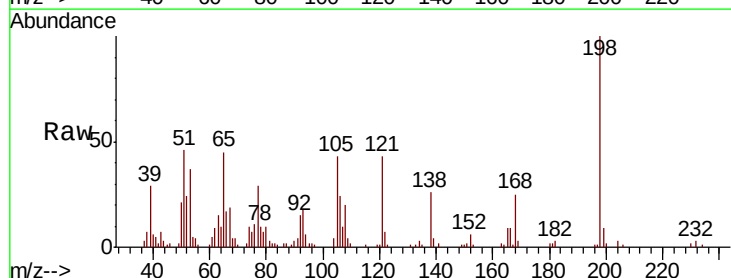


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

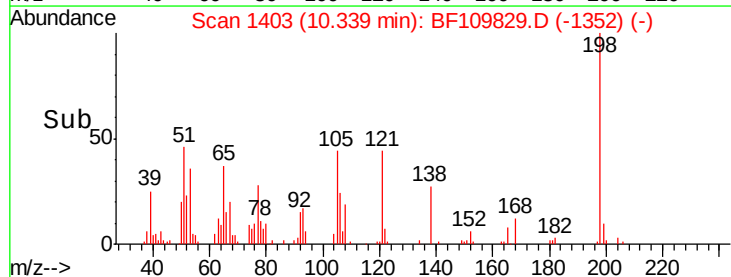
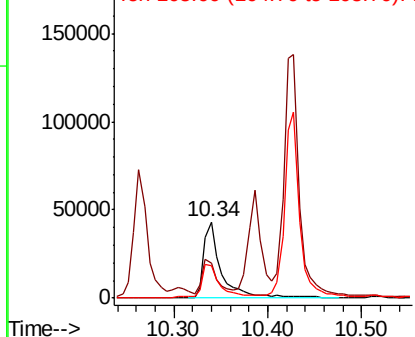


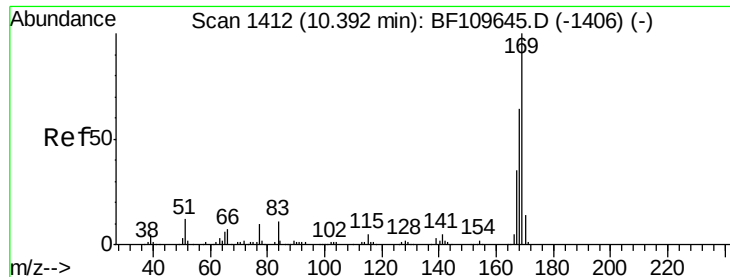
#64
4,6-Dinitro-2-methylphenol
Concen: 34.662 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	57064		
51	46.0		22.8	62.8
105	43.1		23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





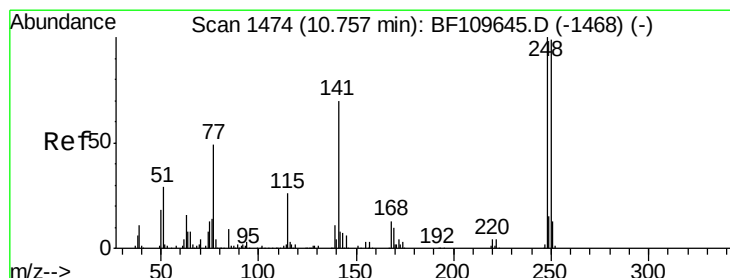
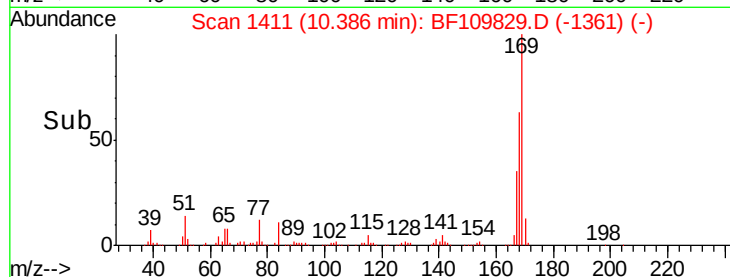
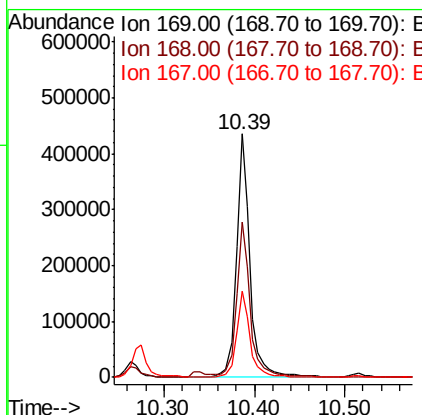
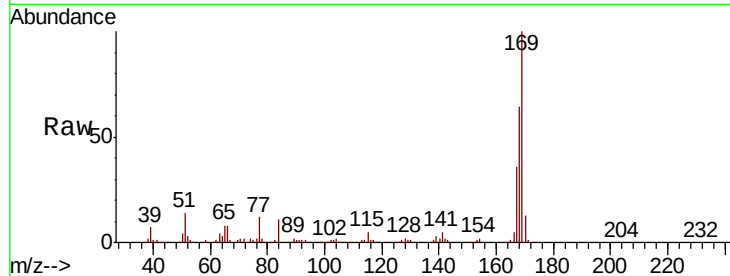
#65
n-Nitrosodiphenylamine
Concen: 40.199 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	460939		
168	63.5		51.2	76.8
167	35.6		27.8	41.6

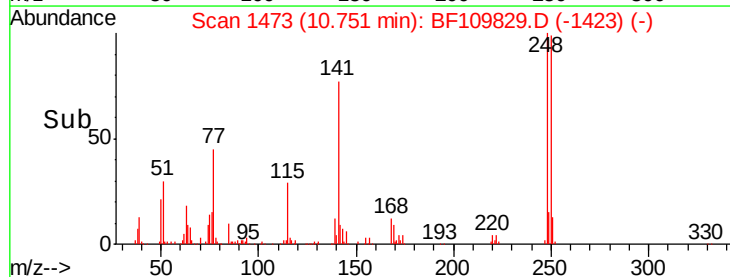
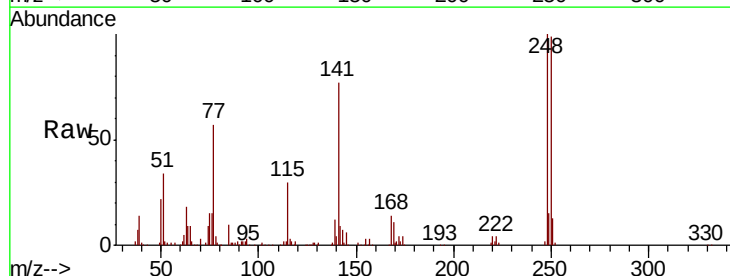
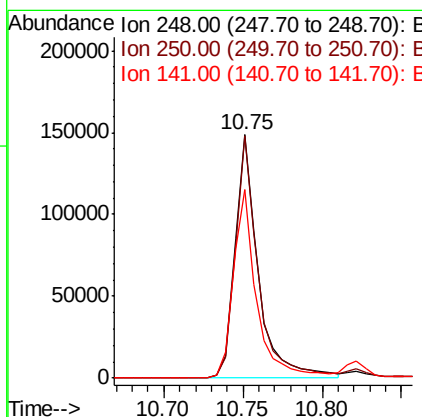
Manual Integrations
APPROVED

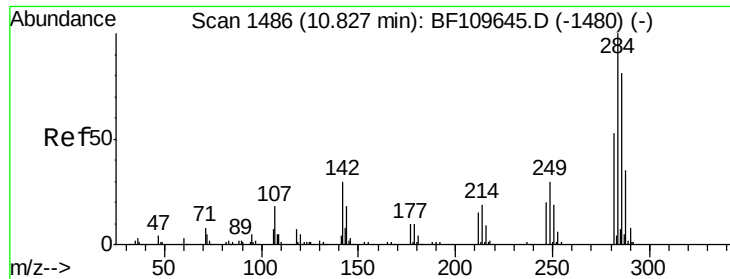
Sohil
10/15/2018 10:28:20 AM



#66
4-Bromophenyl-phenylether
Concen: 39.246 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	152526		
250	99.5		79.4	119.2
141	77.2		55.9	83.9





#67

Hexachlorobenzene

Concen: 38.328 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

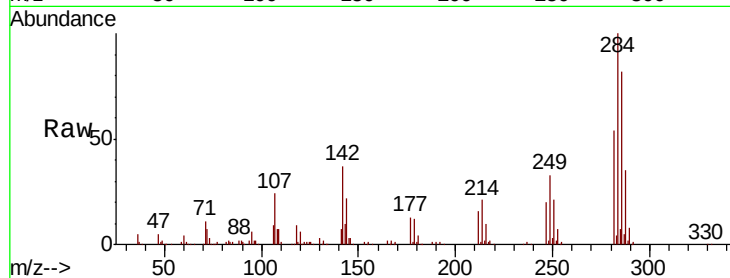
ClientSampleId :

PB113751BS

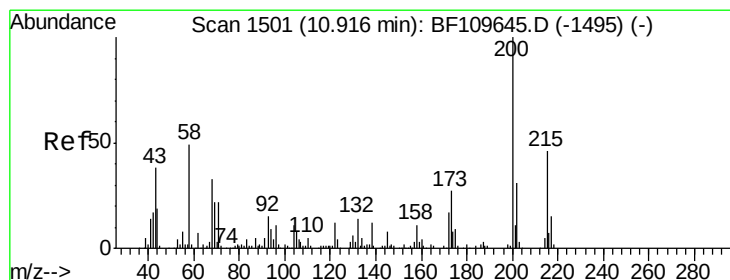
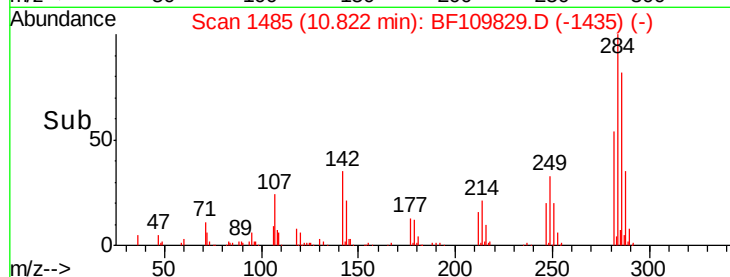
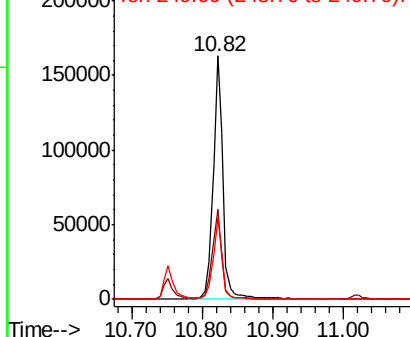
Tot Ion:	284	Resp:	161301
Ion Ratio		Lower	Upper
284	100		
142	36.8	23.9	35.9#
249	33.5	24.2	36.2

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



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



#68

Atrazine

Concen: 40.321 ng

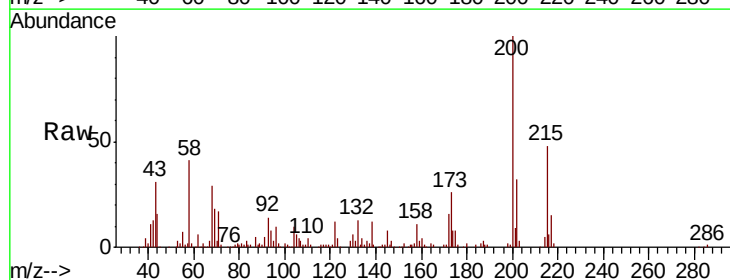
RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

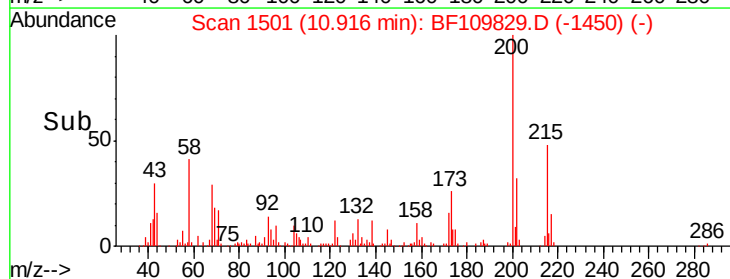
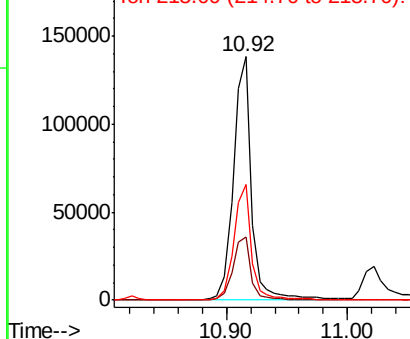
Lab File: BF109829.D

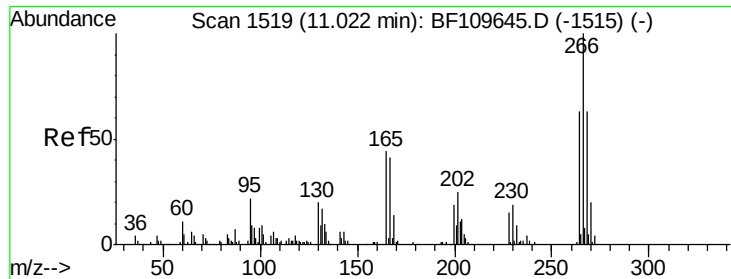
Acq: 12 Oct 2018 13:12

Tgt Ion:	200	Resp:	144285
Ion Ratio		Lower	Upper
200	100		
173	26.2	6.6	46.6
215	47.5	26.3	66.3



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





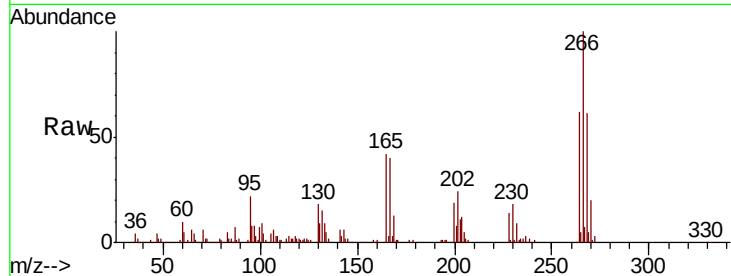
#69
 Pentachlorophenol
 Concen: 64.531 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	152815		
268	61.5	50.6	75.8	
264	62.0	50.6	75.8	

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

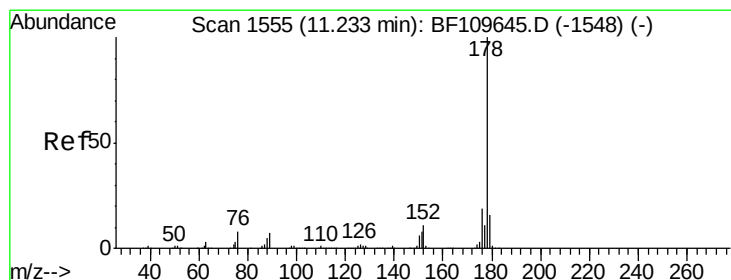
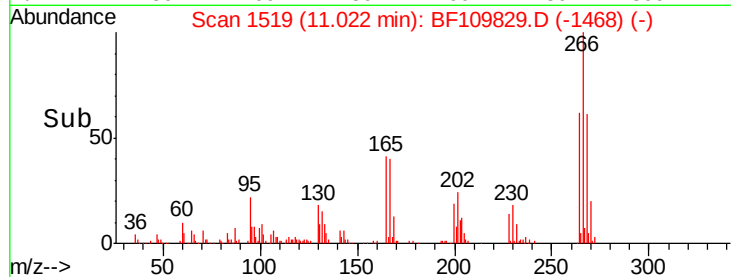
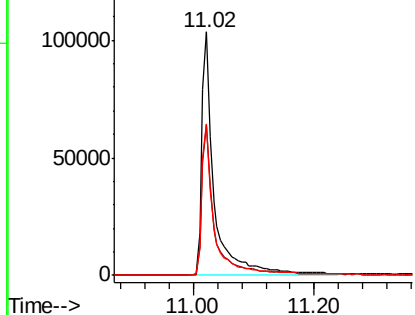


Abundance

Ion 265.70 (265.40 to 266.40): E

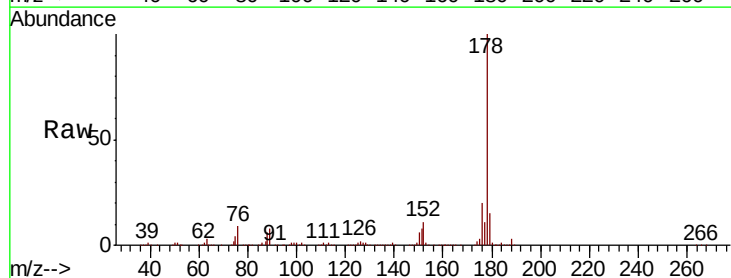
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.447 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	718498		
176	19.6	15.5	23.3	
179	15.4	12.5	18.7	

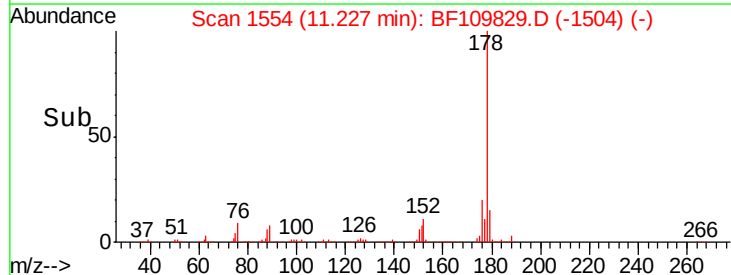
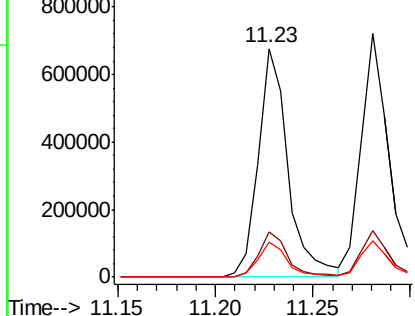


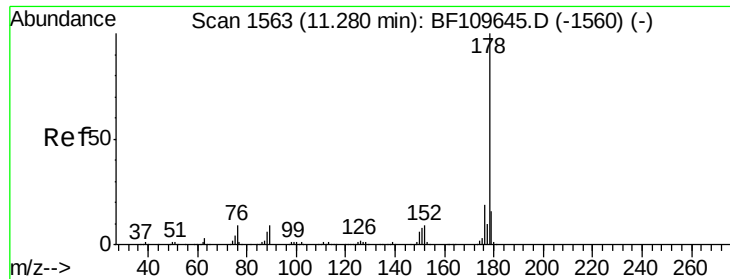
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





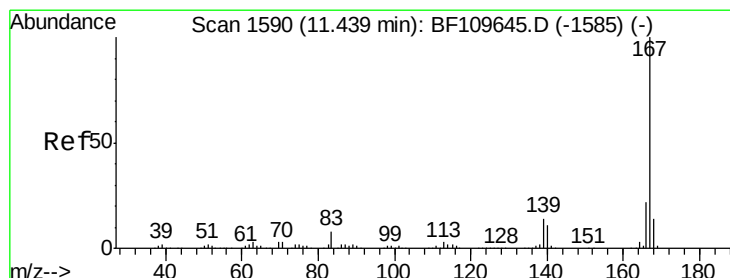
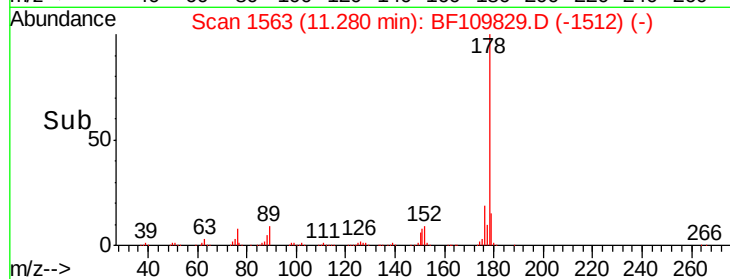
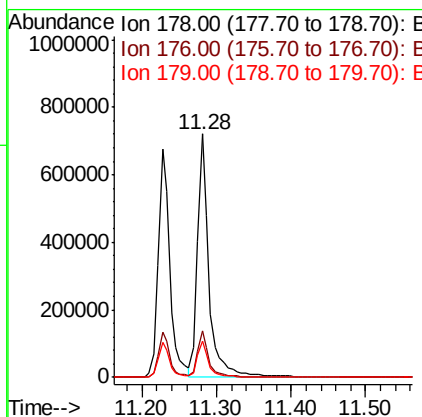
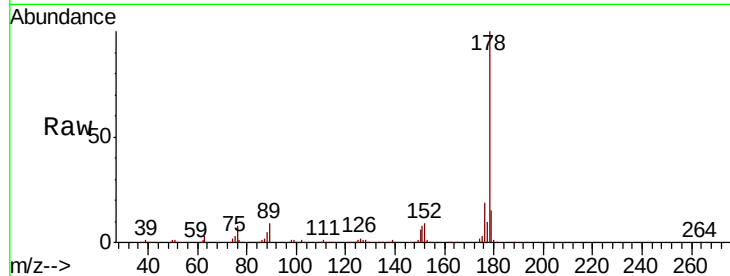
#71
 Anthracene
 Concen: 44.732 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.1	12.6	18.8

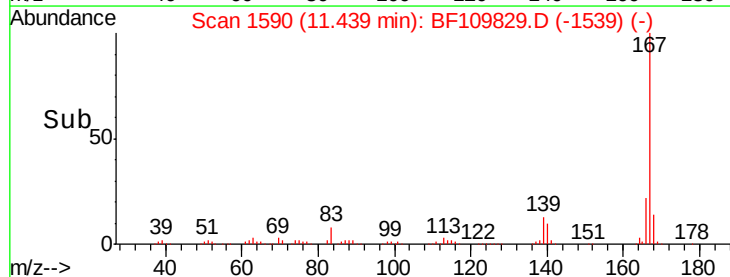
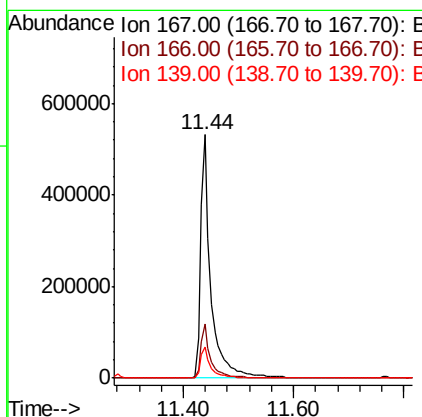
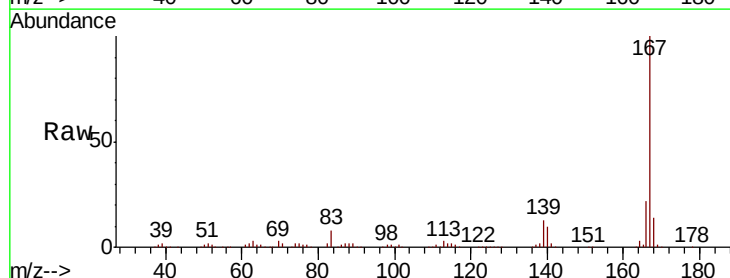
Manual Integrations
 APPROVED

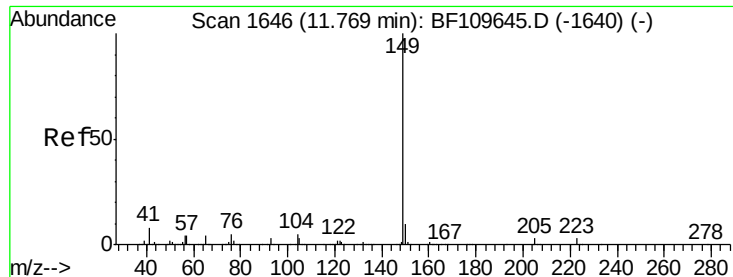
Sohil
 10/15/2018 10:28:20 AM



#72
 Carbazole
 Concen: 40.150 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.0	10.9	16.3





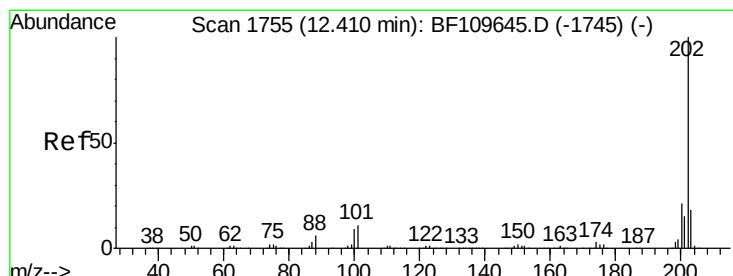
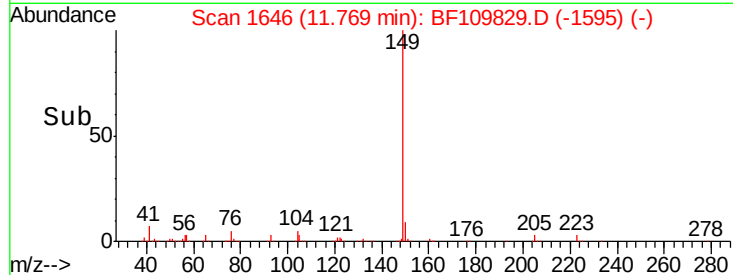
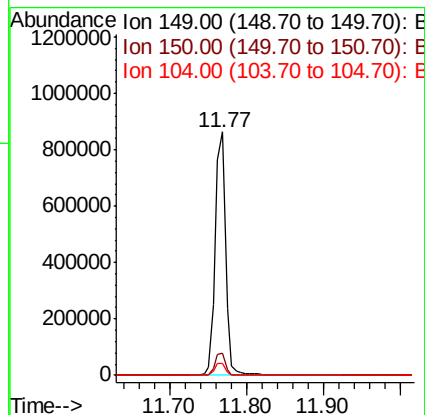
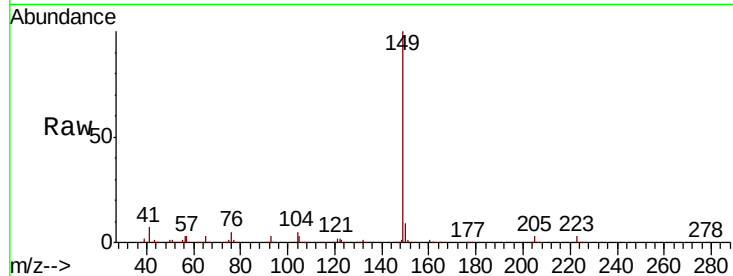
#73
Di-n-butylphthalate
Concen: 40.571 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion:	149	Resp:	798563
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4

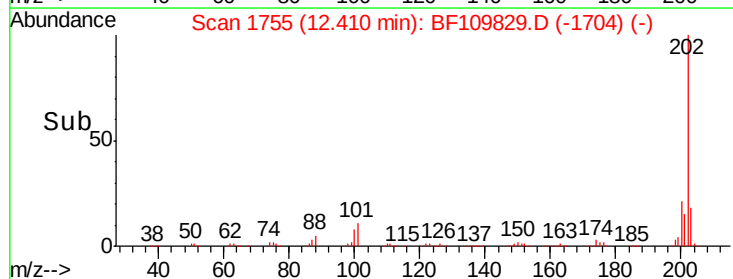
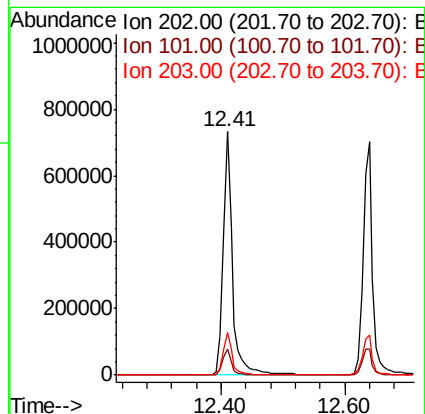
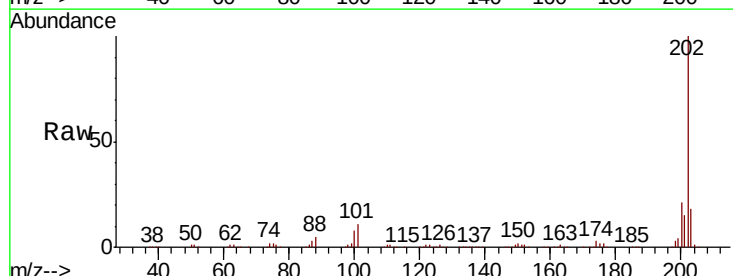
Manual Integrations
APPROVED

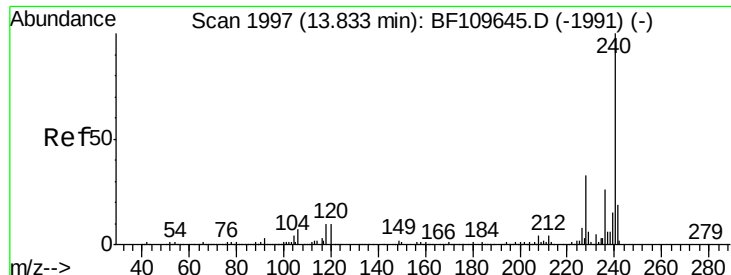
Sohil
10/15/2018 10:28:20 AM



#74
Fluoranthene
Concen: 43.583 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion:	202	Resp:	770683
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.4
203	17.6	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

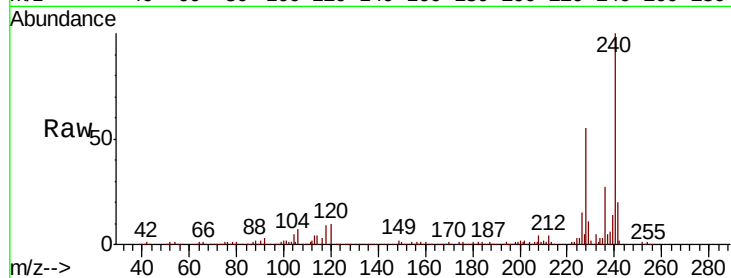
ClientSampleId :

PB113751BS

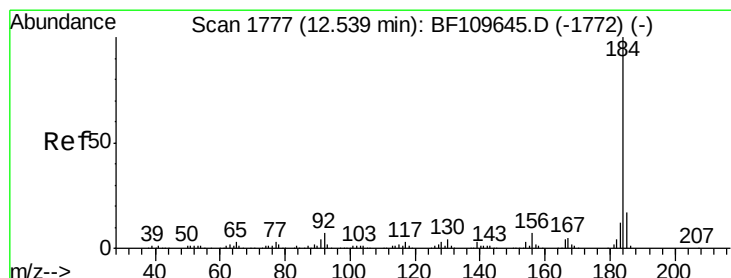
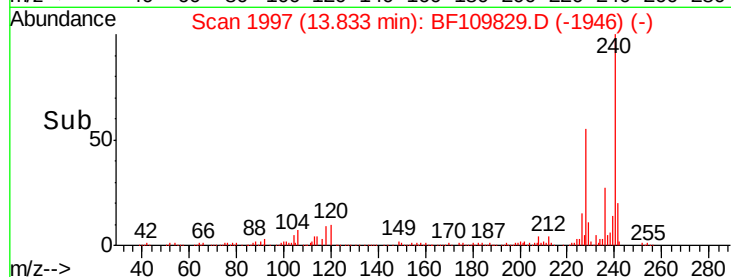
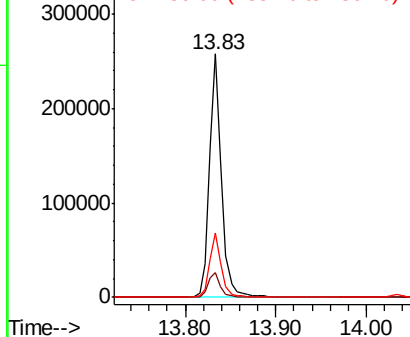
Tot Ion:	240	Resp:	242000
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.3	12.5
236	26.7	21.2	31.8

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.396 ng

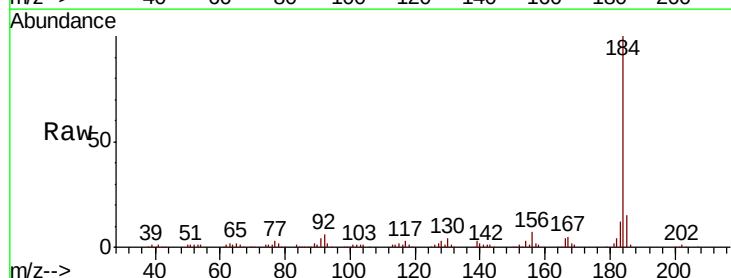
RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

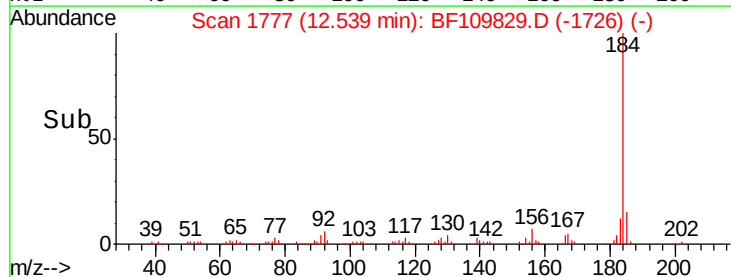
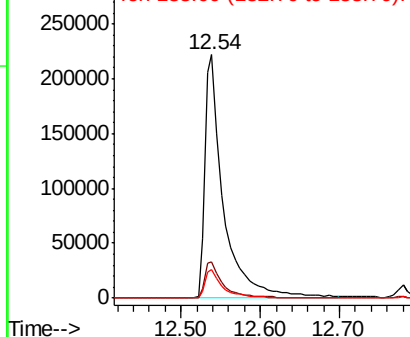
Lab File: BF109829.D

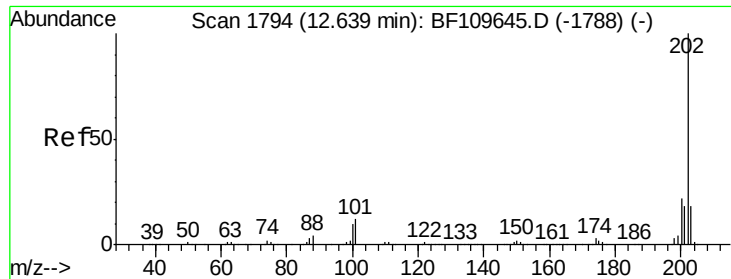
Acq: 12 Oct 2018 13:12

Tgt Ion:	184	Resp:	363149
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.2
183	11.6	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





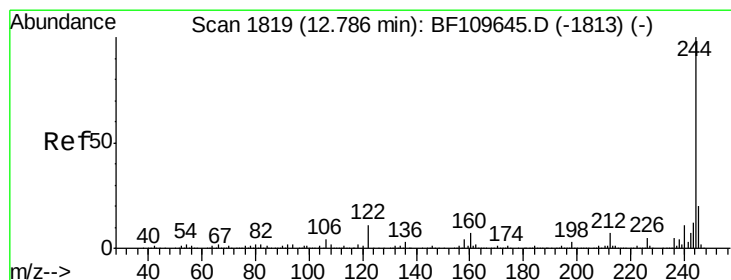
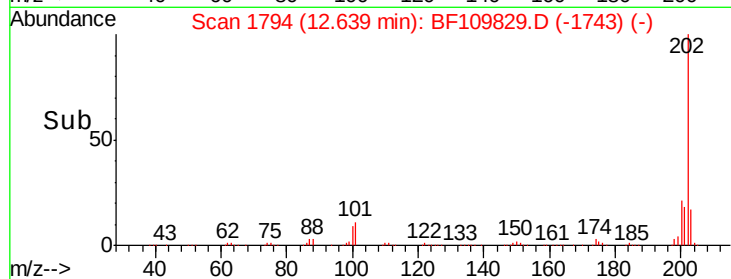
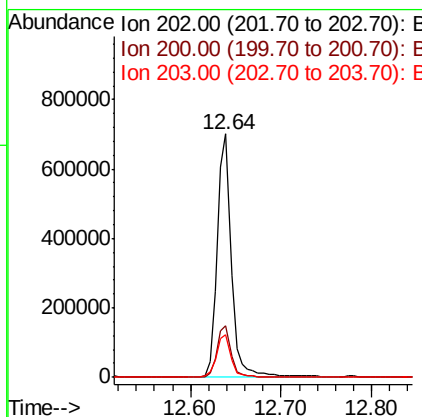
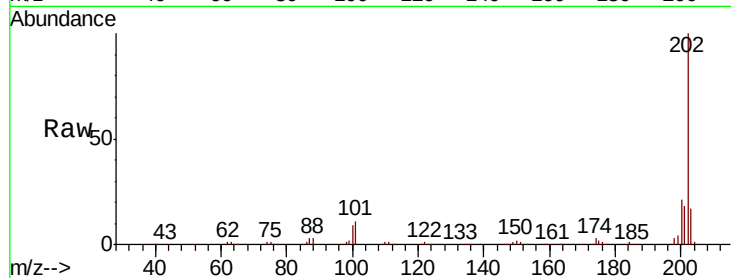
#77
Pvrene
Concen: 42.361 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.3	14.2	21.4

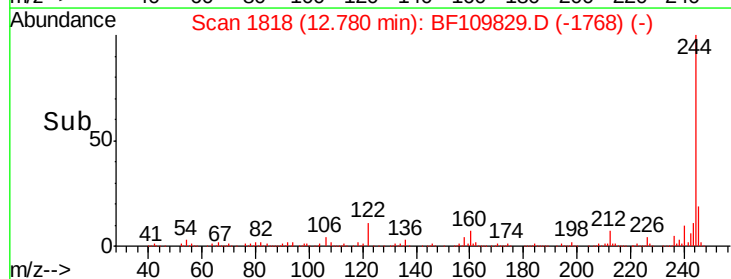
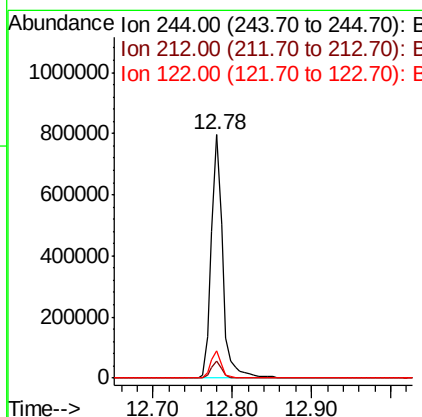
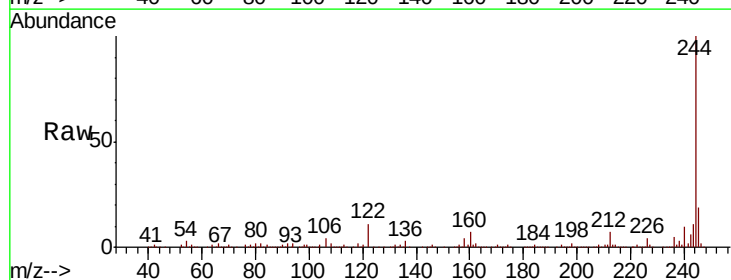
Manual Integrations
APPROVED

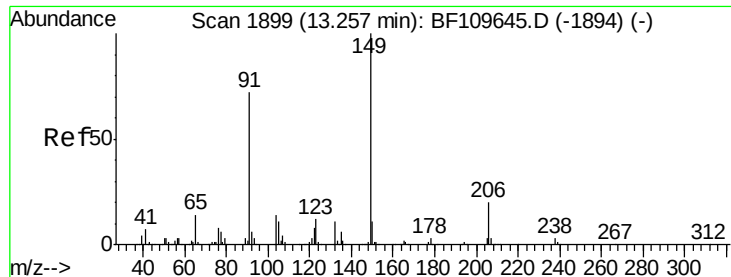
Sohil
10/15/2018 10:28:20 AM



#78
Terphenyl-d14
Concen: 63.630 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.3	8.7	13.1





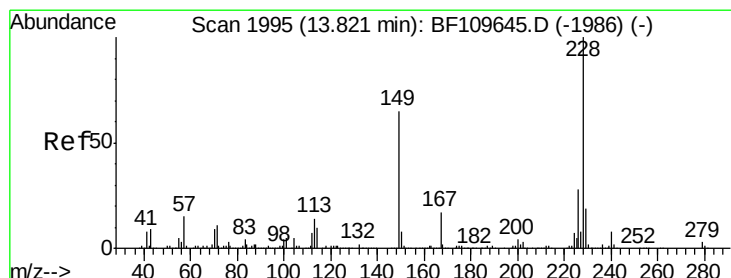
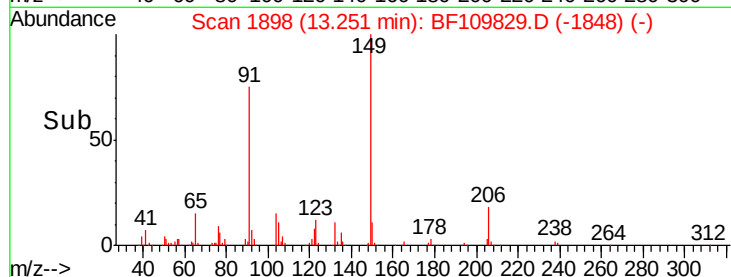
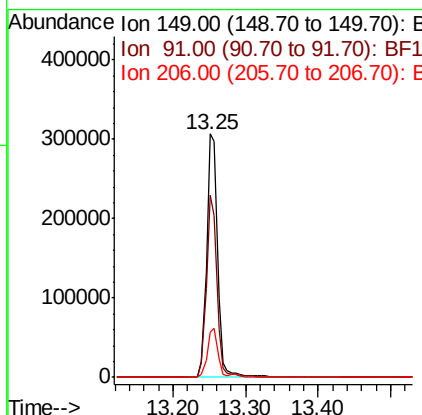
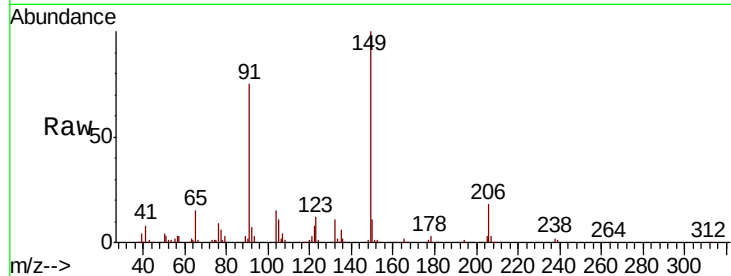
#79
Butylbenzylphthalate
Concen: 42.387 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.2	85.8
206	18.4	15.7	23.5

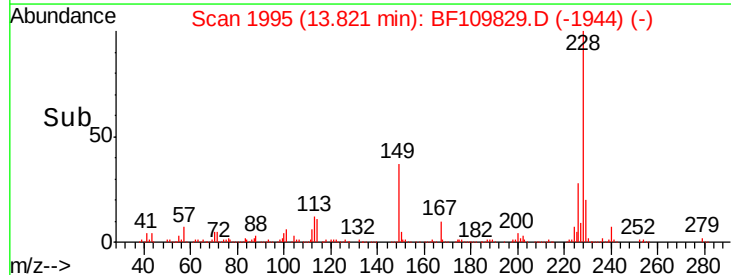
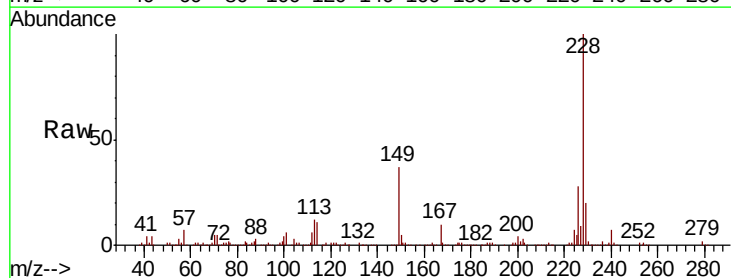
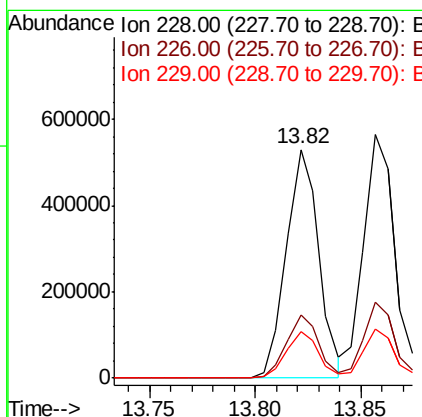
Manual Integrations
APPROVED

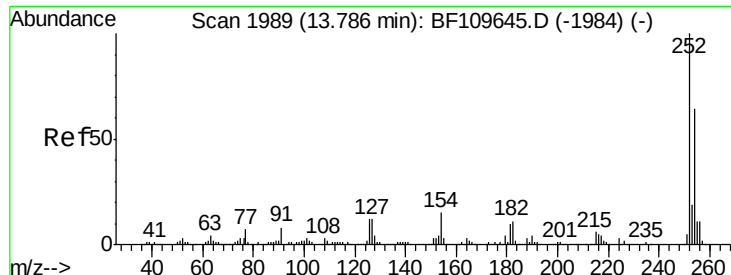
Sohil
10/15/2018 10:28:20 AM



#80
Benzo(a)anthracene
Concen: 42.744 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.2	15.6	23.4





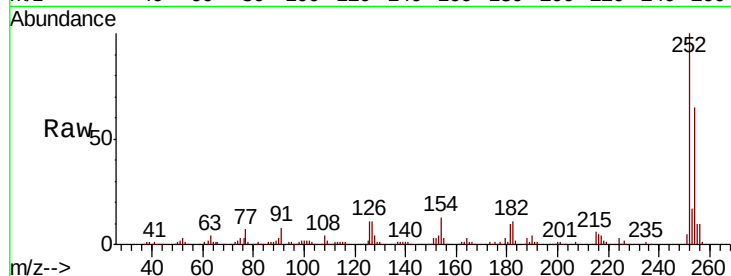
#81
 3,3'-Dichlorobenzidine
 Concen: 26.624 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	143164		
254	65.4	51.3	76.9	
126	11.3	9.4	14.2	

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

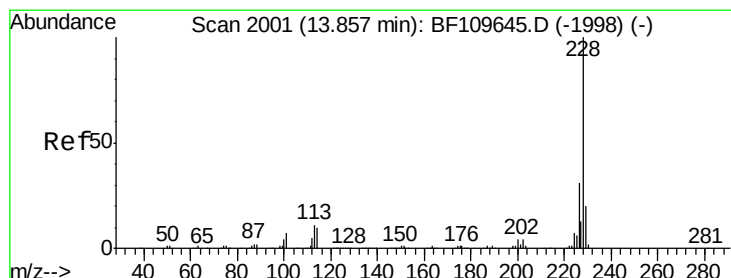
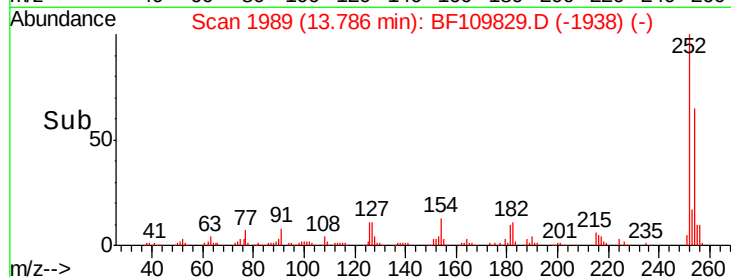
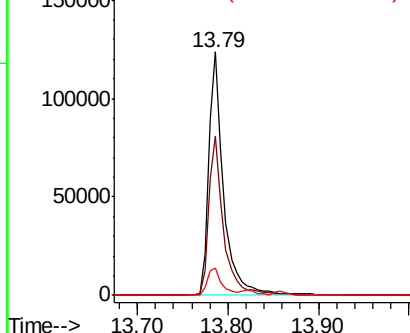


Abundance

Ion 252.00 (251.70 to 252.70): E

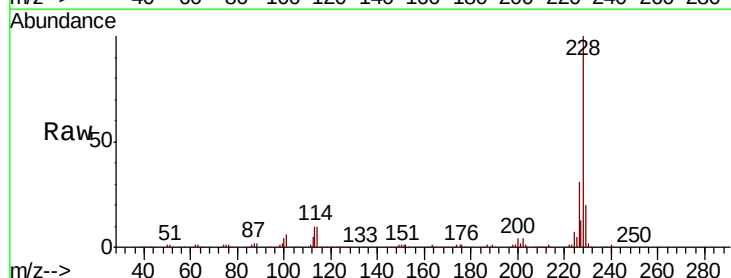
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 43.865 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	615310		
226	31.0	24.7	37.1	
229	20.1	15.9	23.9	

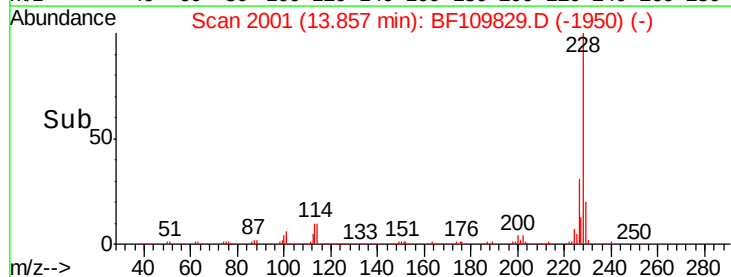
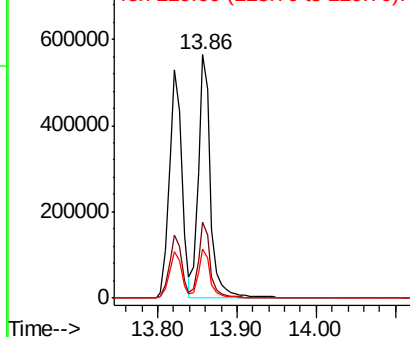


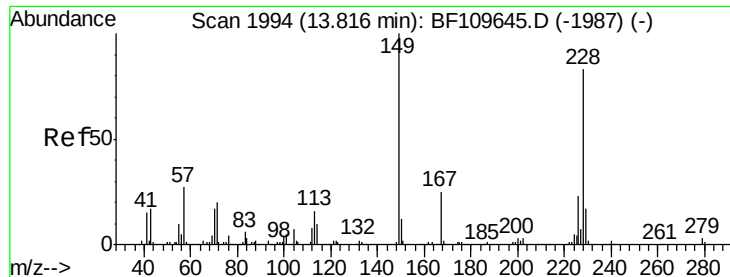
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





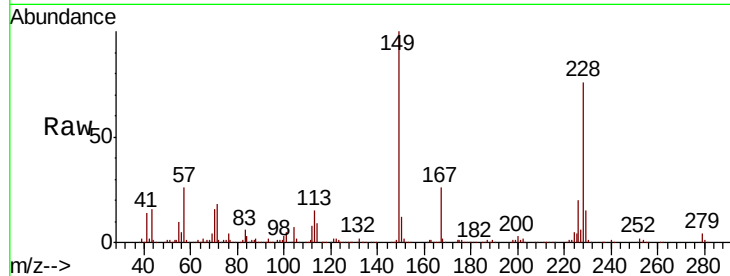
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.629 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	399799		
167	25.5	19.8	29.8	
279	3.7	2.7	4.1	

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

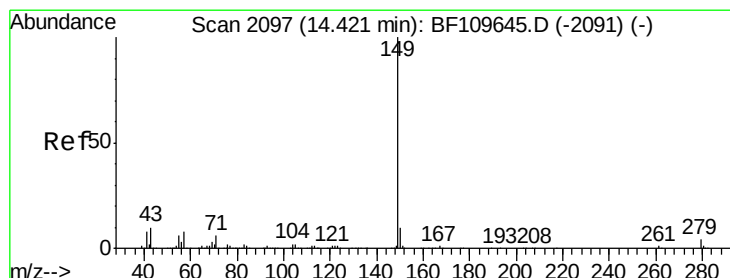
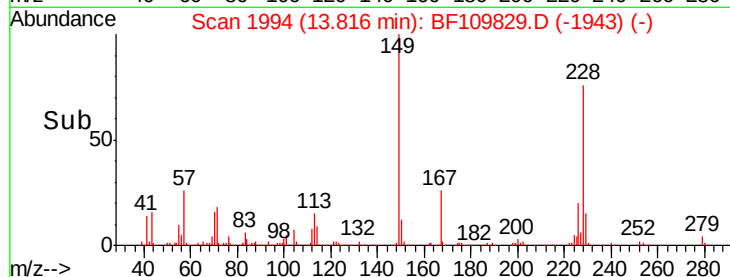
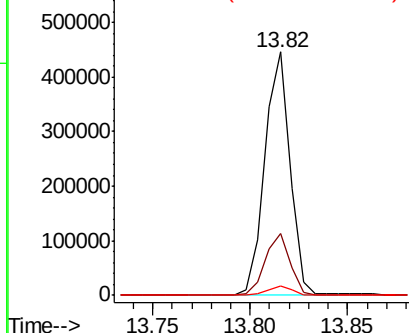


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 42.682 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

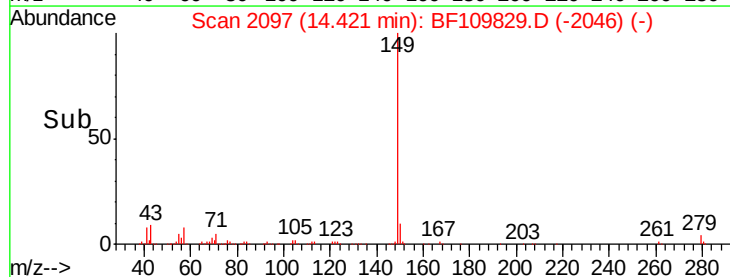
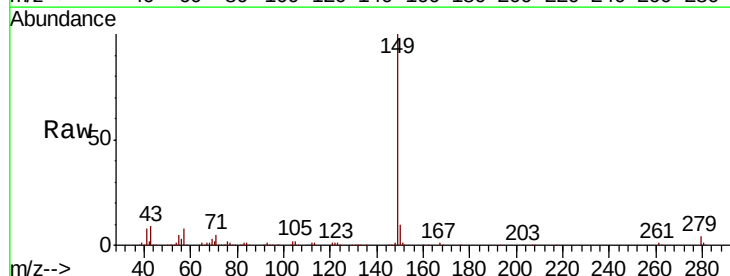
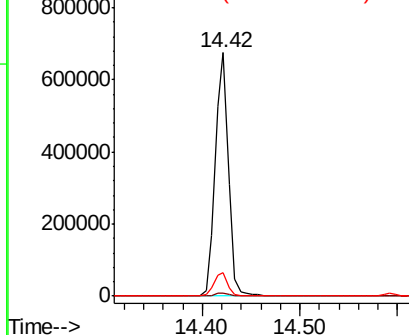
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	632725		
167	1.4	1.1	1.7	
43	9.5	7.8	11.8	

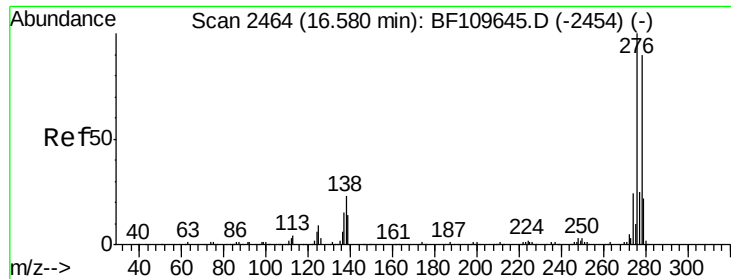
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.113 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Instrument :

BNA_F

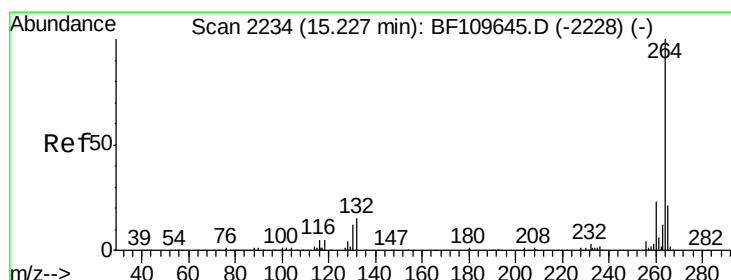
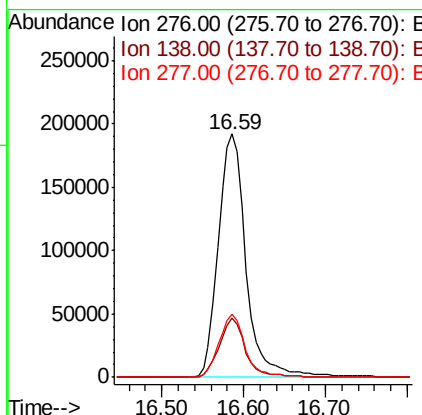
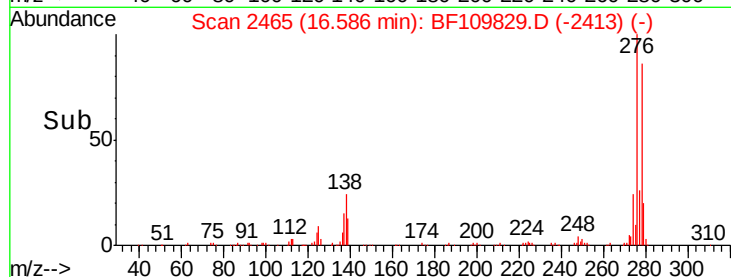
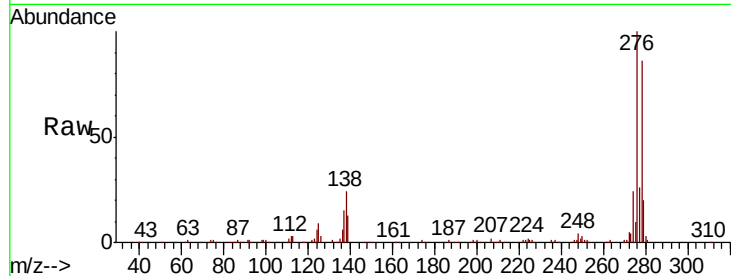
ClientSampleId :

PB113751BS

Tot Ion:	276	Resp:	452952
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.5	27.7
277	25.1	20.0	30.0

Manual Integrations
APPROVED

Sohil
10/15/2018 10:28:20 AM



#86

Perylene-d12

Concen: 20.000 ng

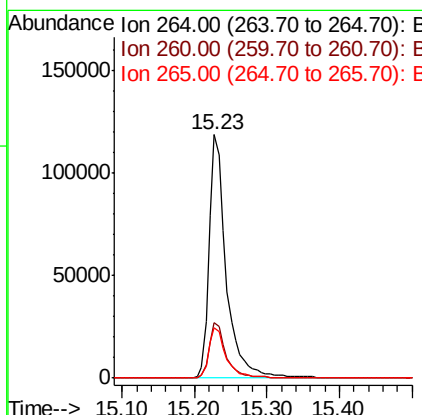
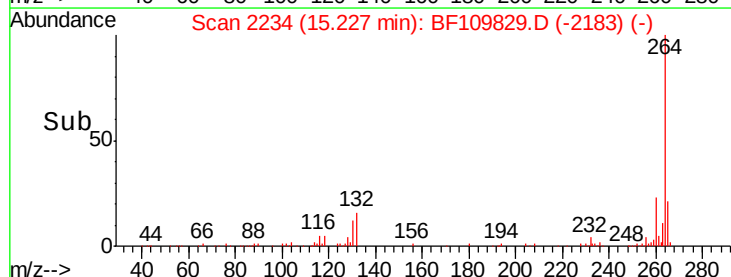
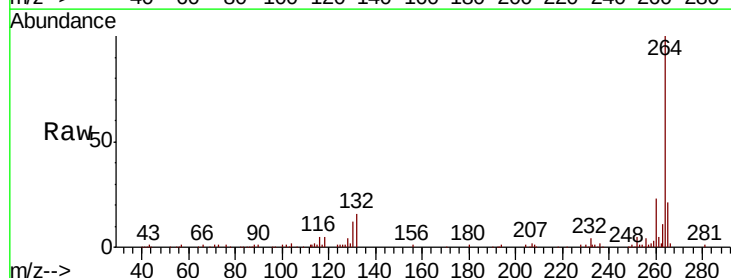
RT: 15.23 min Scan# 2234

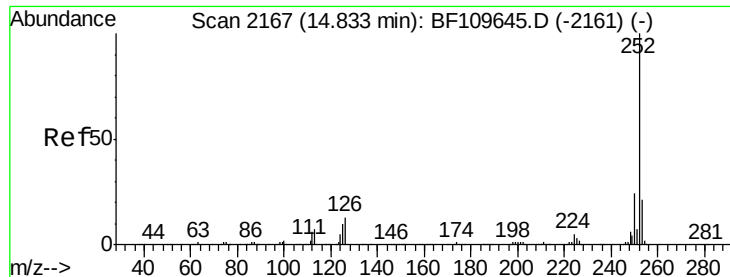
Delta R.T. 0.00 min

Lab File: BF109829.D

Acq: 12 Oct 2018 13:12

Tgt Ion:	264	Resp:	194639
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	20.6	16.7	25.1





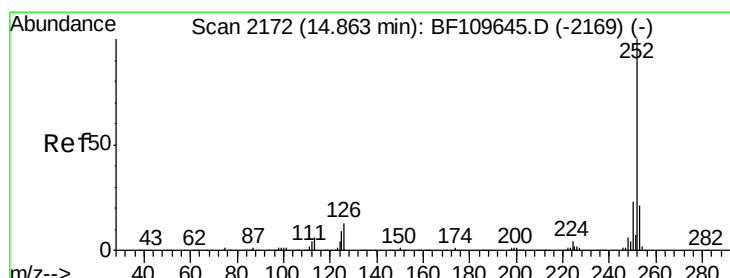
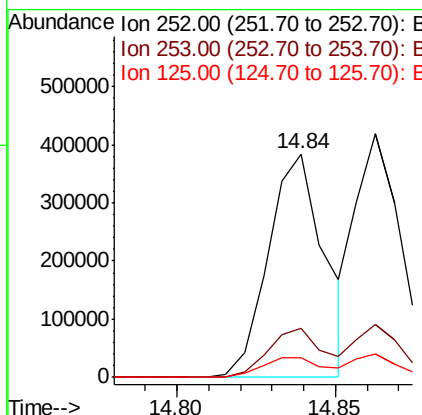
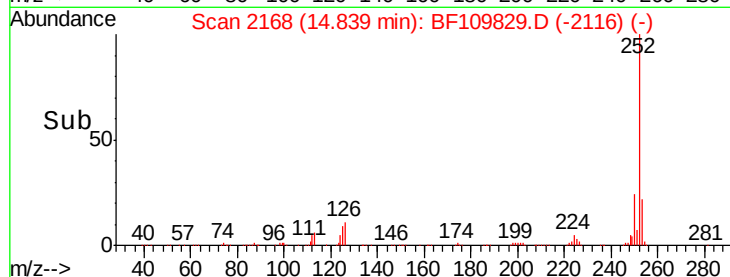
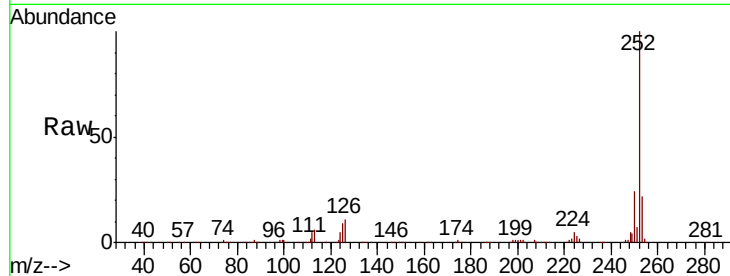
#87
Benzo(b)fluoranthene
Concen: 43.906 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.5	8.2	12.4

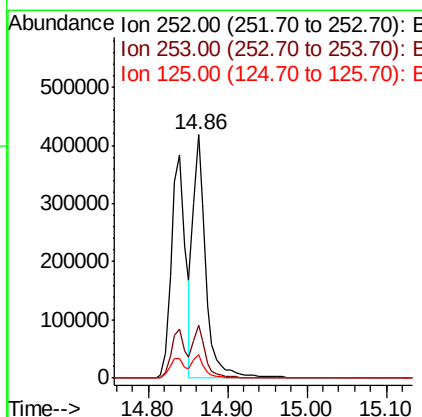
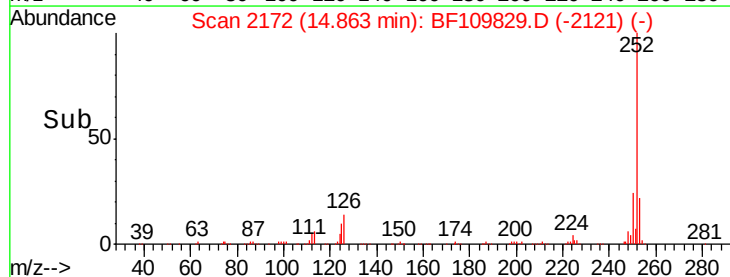
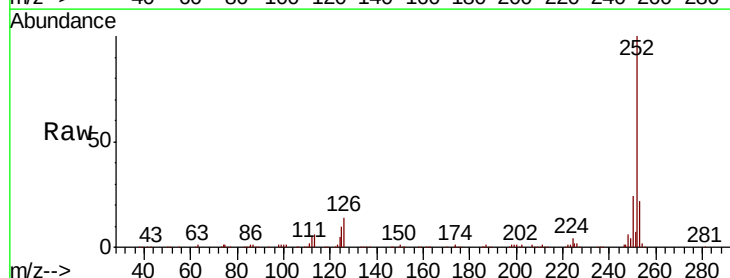
Manual Integrations
APPROVED

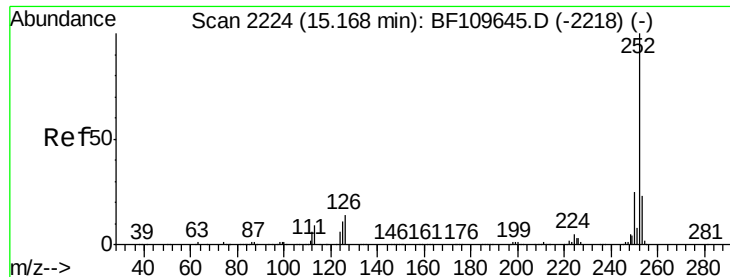
Sohil
10/15/2018 10:28:20 AM



#88
Benzo(k)fluoranthene
Concen: 43.433 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.5	7.4	11.0





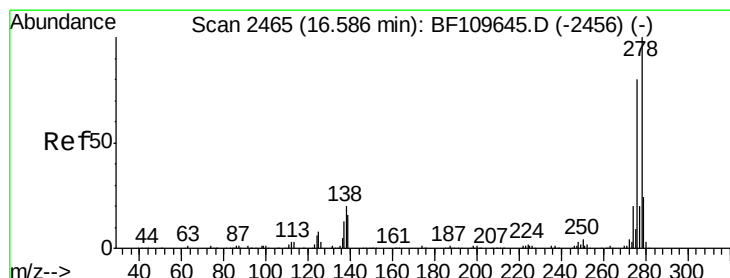
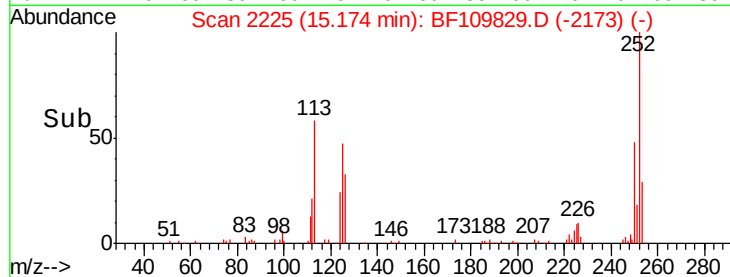
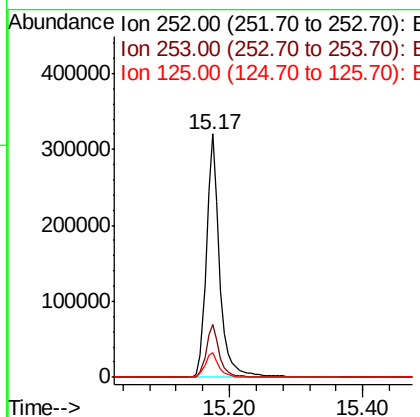
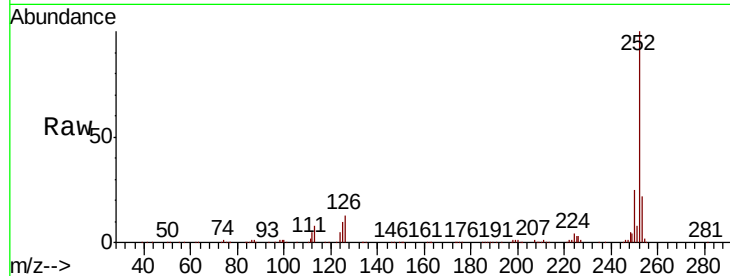
#89
Benzo(a)pyrene
Concen: 44.987 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB113751BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.4	9.0	13.6

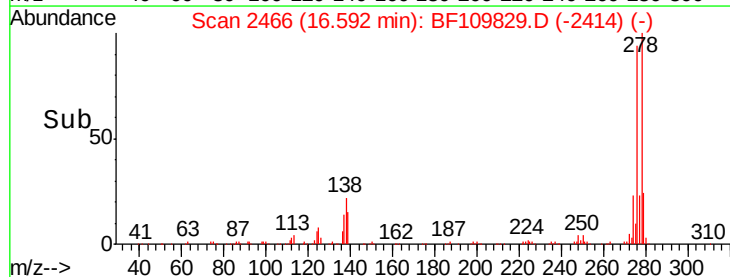
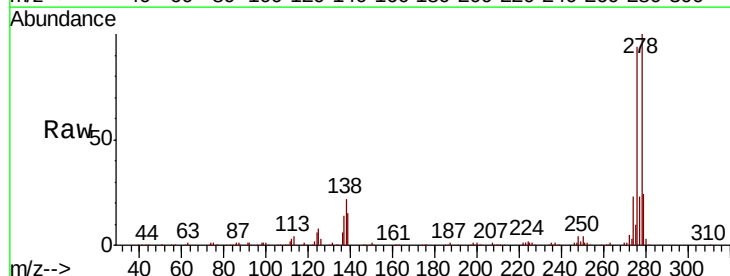
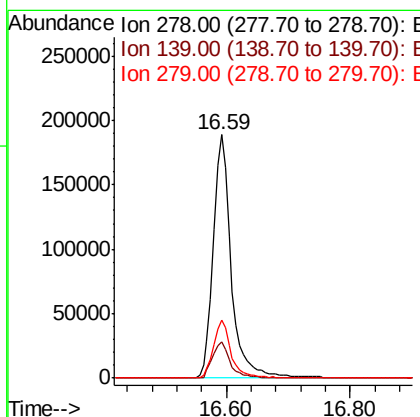
Manual Integrations
APPROVED

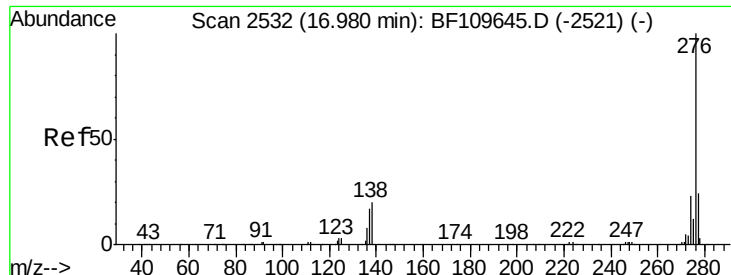
Sohil
10/15/2018 10:28:20 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.339 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109829.D
Acq: 12 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.245 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109829.D
 Acq: 12 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB113751BS

Tot Ion:	276	Resp:	386205
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	19.9	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/15/2018 10:28:20 AM

