

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107929.D
 Acq On : 3 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4262-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:53:39 PM

Quant Time: Aug 03 05:17:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	147846	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	568014	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	221885	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	399177	20.00	ng	0.00
75) Chrysene-d12	14.15	240	341304	20.00	ng	0.00
86) Perylene-d12	15.68	264	301300	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	455455	52.36	ng	0.00
7) Phenol-d6	6.61	99	354129	30.89	ng	0.00
23) Nitrobenzene-d5	7.52	82	886492	89.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	331507	109.95	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1544806	97.02	ng	0.00
78) Terphenyl-d14	13.07	244	1386342	88.08	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	55336	17.715	ng	88
3) Pyridine	3.70	79	68820	12.115	ng	# 90
6) Aniline	6.65	93	138930	11.650	ng	# 77
8) 2-Chlorophenol	6.75	128	329633	30.166	ng	93
9) Benzaldehyde	6.52	77	162009	23.421	ng	95
10) Phenol	6.62	94	128535	9.401	ng	85
11) bis(2-Chloroethyl)ether	6.69	93	478335	39.345	ng	95
12) 1,3-Dichlorobenzene	6.90	146	435268	37.979	ng	97
13) 1,4-Dichlorobenzene	6.97	146	486035	38.097	ng	99
14) 1,2-Dichlorobenzene	7.12	146	431016	36.395	ng	97
15) Benzyl Alcohol	7.11	79	181083	25.411	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.22	45	699383	40.012	ng	79
17) 2-Methylphenol	7.22	107	215023	26.656	ng	# 64
18) Hexachloroethane	7.46	117	152179	33.186	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	304798	41.909	ng	98
20) 3+4-Methylphenols	7.38	107	249238	25.166	ng	# 57
22) Acetophenone	7.37	105	636324	46.564	ng	# 98
24) Nitrobenzene	7.54	77	401492	38.835	ng	98
25) Isophorone	7.77	82	821376	50.751	ng	99
26) 2-Nitrophenol	7.86	139	168363	32.449	ng	96
27) 2,4-Dimethylphenol	7.90	122	301391	43.387	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	503283	47.186	ng	98
29) 2,4-Dichlorophenol	8.11	162	289716	36.871	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	376136	41.961	ng	99
31) Naphthalene	8.26	128	1592125	60.299	ng	99
32) Benzoic acid	8.02	122	62080	14.304	ng	# 84
33) 4-Chloroaniline	8.34	127	113633	10.076	ng	# 93
34) Hexachlorobutadiene	8.36	225	217038	39.181	ng	98
35) Caprolactam	8.71	113	12072	5.104	ng	# 45
36) 4-Chloro-3-methylphenol	8.80	107	276117	32.356	ng	97
37) 2-Methylnaphthalene	8.95	142	828169	49.933	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	369576	48.852	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	85572	31.256	ng	99
42) 2,4,6-Trichlorophenol	9.24	196	187363	44.799	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107929.D
 Acq On : 3 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4262-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

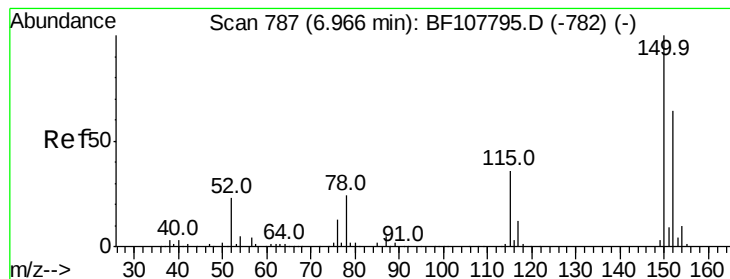
Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:53:39 PM

Quant Time: Aug 03 05:17:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	200624	39.847	nq	95
45) 1,1'-Biphenyl	9.41	154	984970	48.778	nq	99
46) 2-Chloronaphthalene	9.44	162	696195	45.720	nq	99
47) 2-Nitroaniline	9.55	65	219772	44.371	nq	88
48) Acenaphthylene	9.86	152	1094310	46.355	nq	99
49) Dimethylphthalate	9.71	163	895047	53.712	nq	100
50) 2,6-Dinitrotoluene	9.78	165	151492	41.833	nq #	89
51) Acenaphthene	10.03	154	626494	45.685	nq	99
52) 3-Nitroaniline	9.98	138	94593	20.729	nq	94
53) 2,4-Dinitrophenol	10.11	184	29925	22.465	nq #	43
54) Dibenzofuran	10.20	168	918521	43.335	nq	98
55) 4-Nitrophenol	10.20	139	408005	177.173	nq #	14
56) 2,4-Dinitrotoluene	10.20	165	174965	36.759	nq #	86
57) Fluorene	10.55	166	742740	45.090	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	198658	42.958	nq #	77
59) Diethylphthalate	10.41	149	795208	44.384	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	362840	40.435	nq	95
61) 4-Nitroaniline	10.60	138	147239	36.358	nq	94
62) Azobenzene	10.70	77	714487	42.819	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	31104	14.323	nq #	81
65) n-Nitrosodiphenylamine	10.66	169	621193	47.261	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	222020	47.719	nq	90
67) Hexachlorobenzene	11.10	284	222491	43.124	nq #	85
68) Atrazine	11.18	200	171019	43.962	nq	97
69) Pentachlorophenol	11.30	266	188852	74.357	nq	96
70) Phenanthrene	11.52	178	947929	50.012	nq	99
71) Anthracene	11.57	178	1048446	47.957	nq	100
72) Carbazole	11.74	167	983201	45.508	nq	99
73) Di-n-butylphthalate	12.04	149	1103697	46.826	nq	99
74) Fluoranthene	12.71	202	1084716	48.713	nq	96
76) Benzidine	12.87	184	23106m	2.094	nq	
77) Pyrene	12.94	202	1068520	43.477	nq	98
79) Butylbenzylphthalate	13.54	149	472212	43.876	nq #	90
80) Benzo(a)anthracene	14.14	228	894902	46.287	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	159173	21.238	nq #	96
82) Chrysene	14.17	228	1017987	48.817	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	654461	48.371	nq	100
84) Di-n-octyl phthalate	14.71	149	1136436	52.329	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	714647	45.055	nq	94
87) Benzo(b)fluoranthene	15.22	252	782033	52.626	nq	98
88) Benzo(k)fluoranthene	15.25	252	842054	46.154	nq	98
89) Benzo(a)pyrene	15.61	252	746326	48.650	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	620147	46.343	nq	97
91) Benzo(g,h,i)perylene	17.74	276	580431	44.828	nq #	93

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



#1

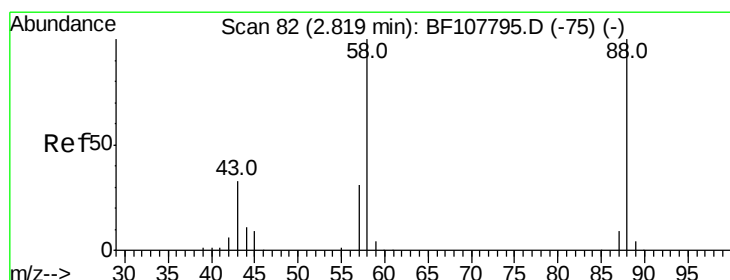
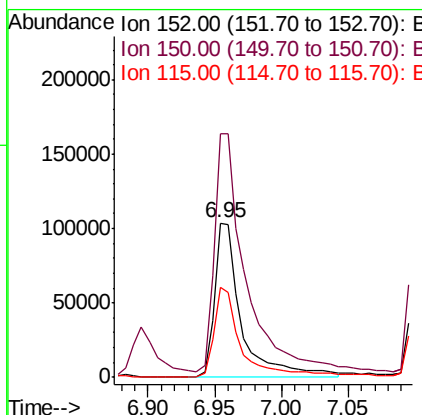
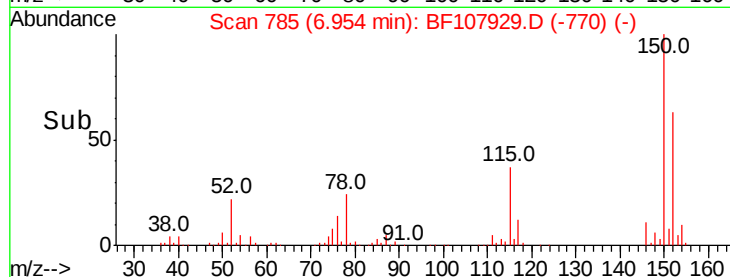
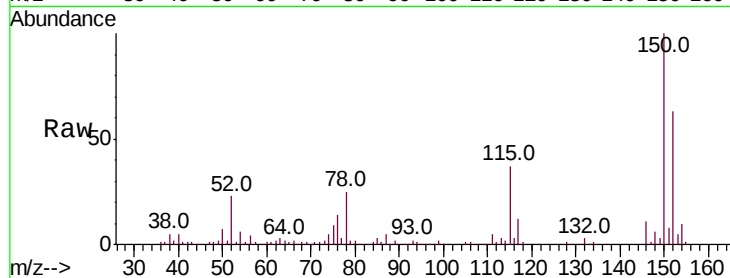
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	58.7	50.1	75.1

Manual Integrations
APPROVED

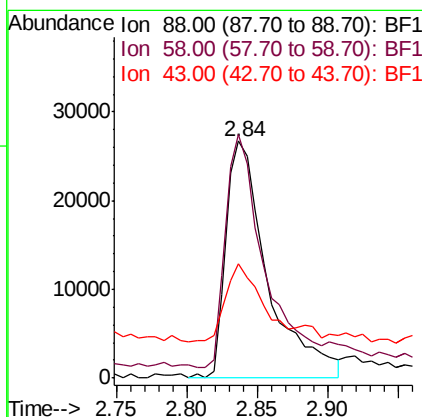
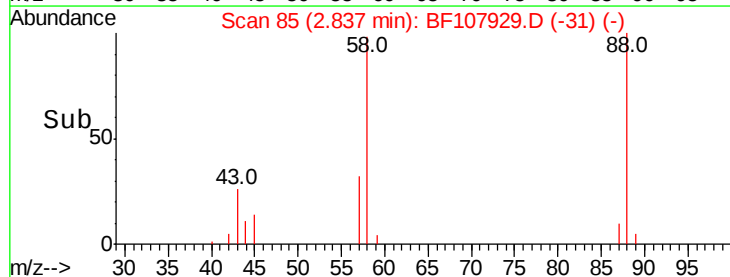
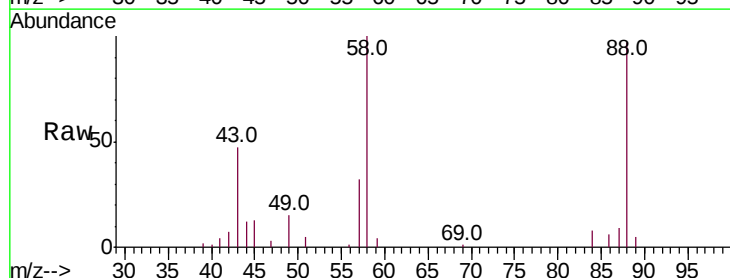
Sohil
8/3/2018 12:53:39 PM

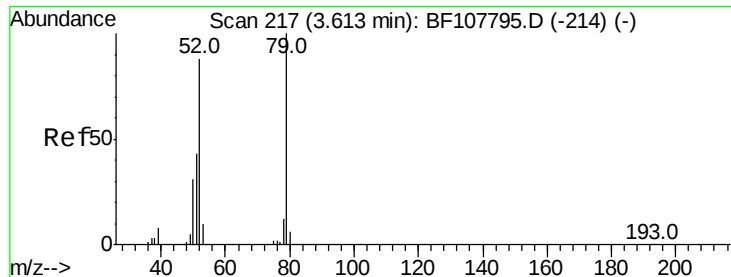


#2

1,4-Dioxane
Concen: 17.715 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.3	62.6	93.8
43	32.7	24.6	37.0





#3

Pvridine

Concen: 12.115 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

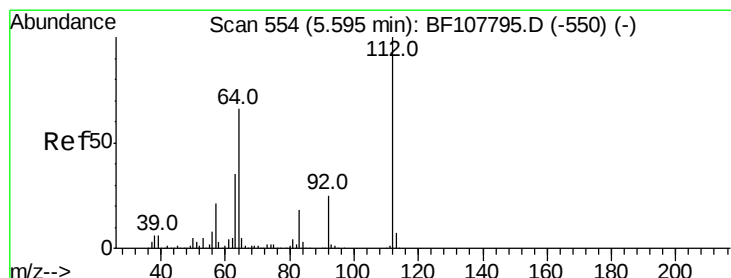
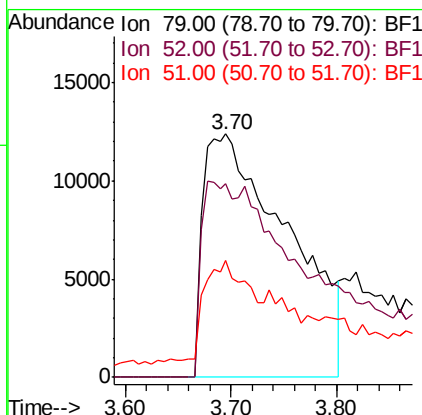
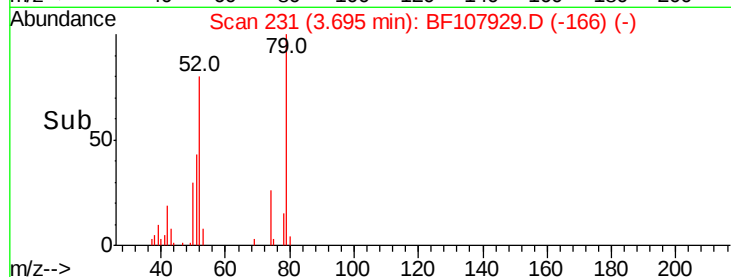
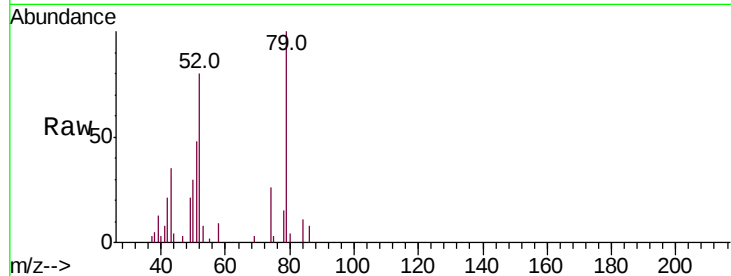
ClientSampleId :

GW-03MSD

Tot Ion:	79	Resp:	68820
Ion Ratio	Lower	Upper	
79	100		
52	79.7	59.8	89.6
51	48.2	29.8	44.8#

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#5

2-Fluorophenol

Concen: 52.356 ng

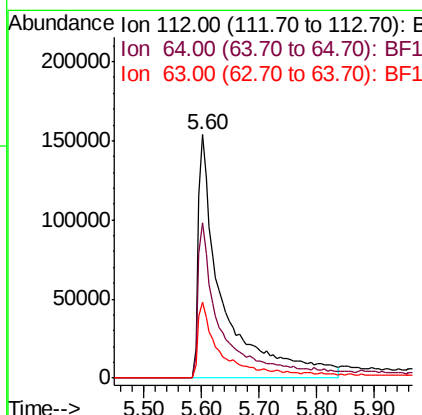
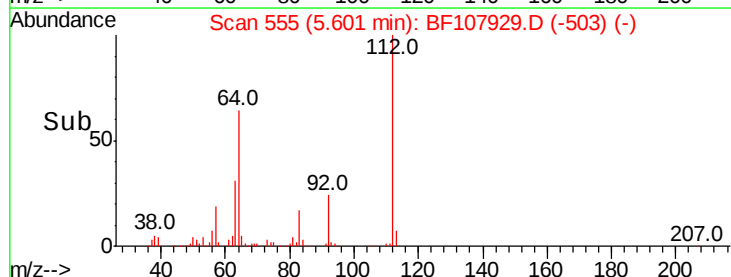
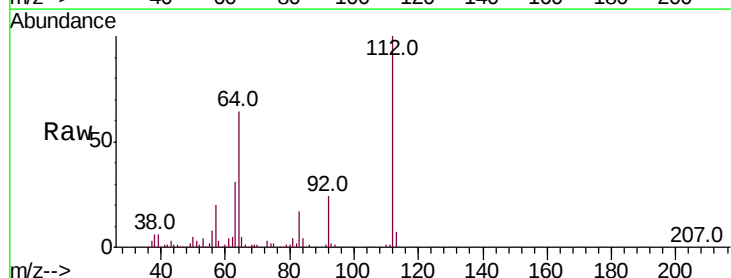
RT: 5.60 min Scan# 555

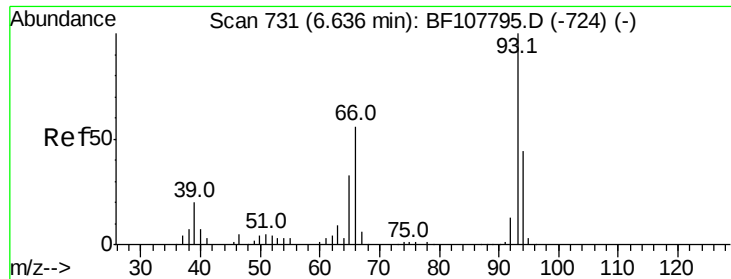
Delta R.T. 0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	112	Resp:	455455
Ion Ratio	Lower	Upper	
112	100		
64	64.0	47.9	71.9
63	31.1	23.7	35.5





#6

Aniline

Concen: 11.650 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

GW-03MSD

Tot Ion: 93 Resp: 138930

Ion Ratio Lower Upper

93 100

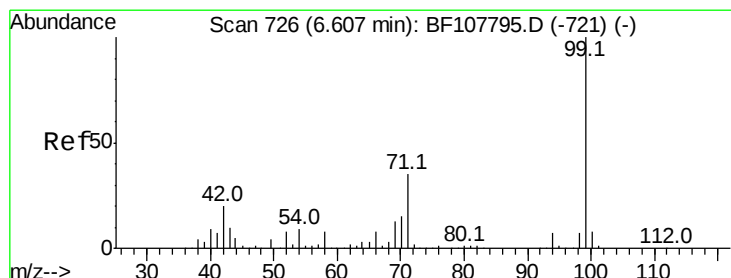
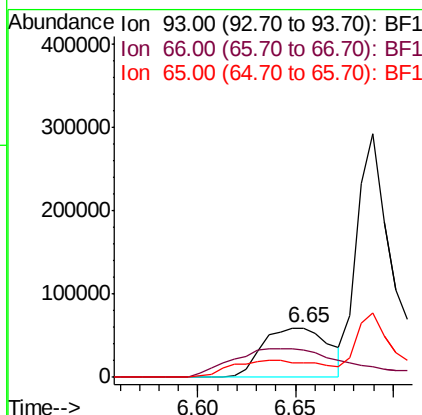
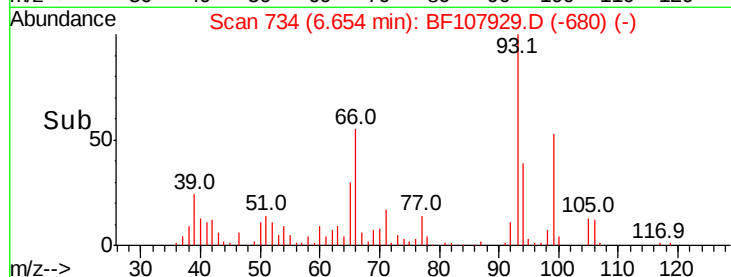
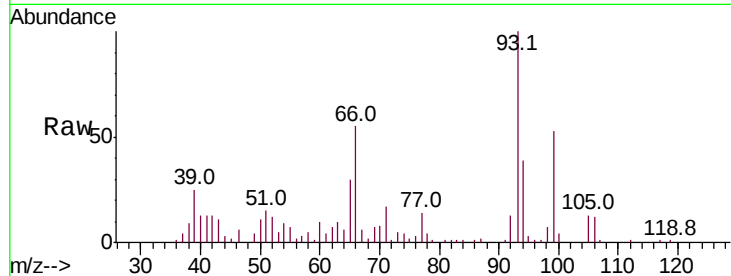
66 54.9 32.2 48.2#

65 30.5 16.4 24.6#

Manual Integrations
APPROVED

Sohil

8/3/2018 12:53:39 PM



#7

Phenol-d6

Concen: 30.888 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

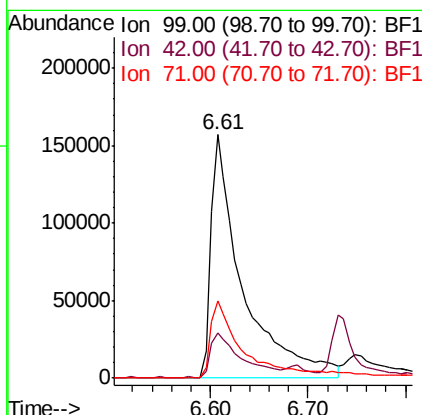
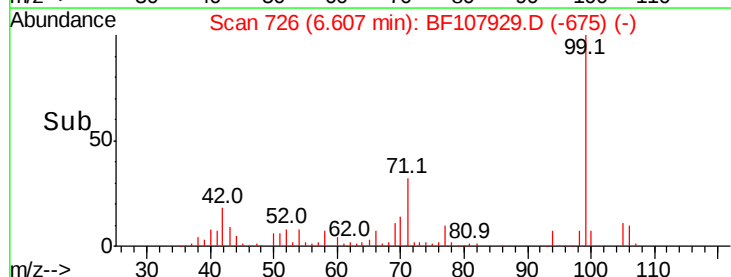
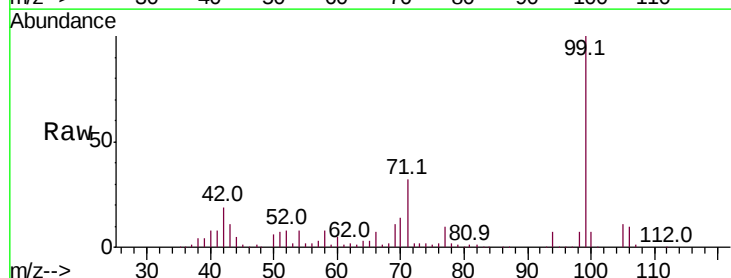
Tgt Ion: 99 Resp: 354129

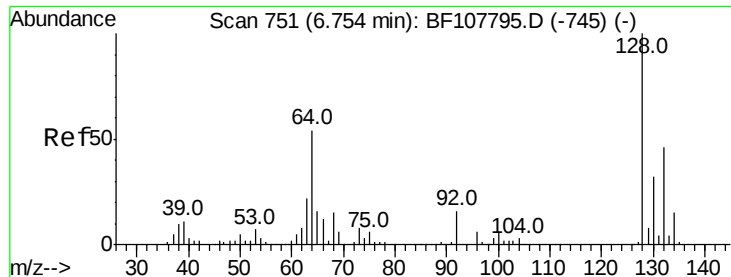
Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.9 25.4 38.0





#8

2-Chlorophenol

Concen: 30.166 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

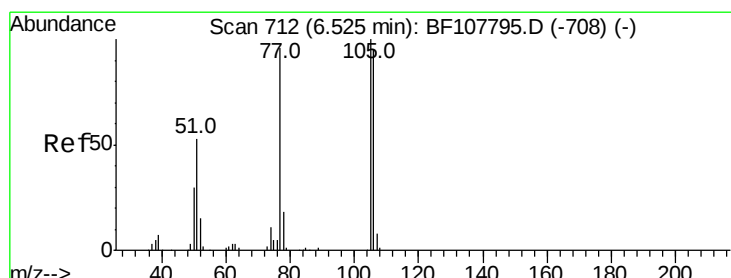
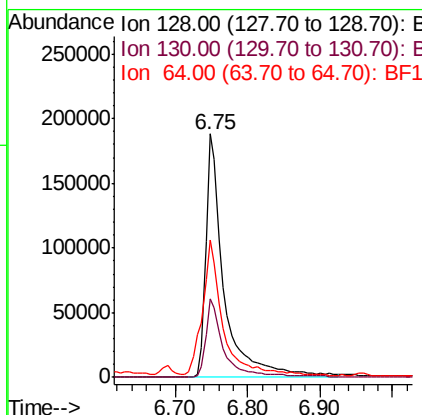
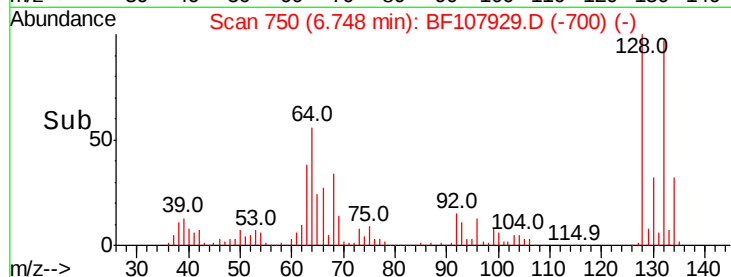
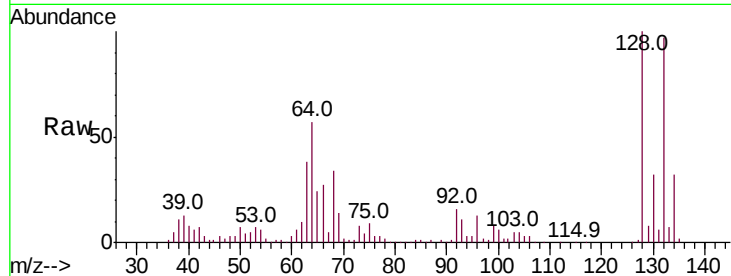
ClientSampleId :

GW-03MSD

Tot Ion:	128	Resp:	329633
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	56.5	29.4	69.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#9

Benzaldehyde

Concen: 23.421 ng

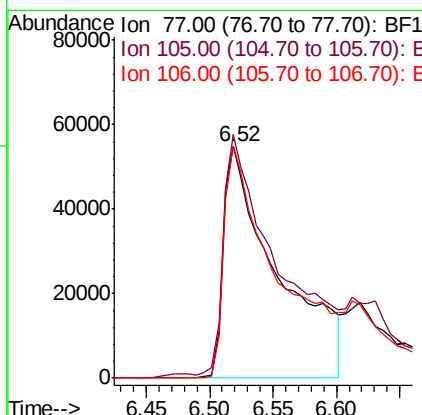
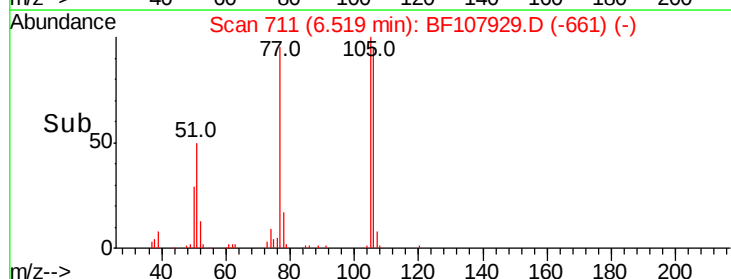
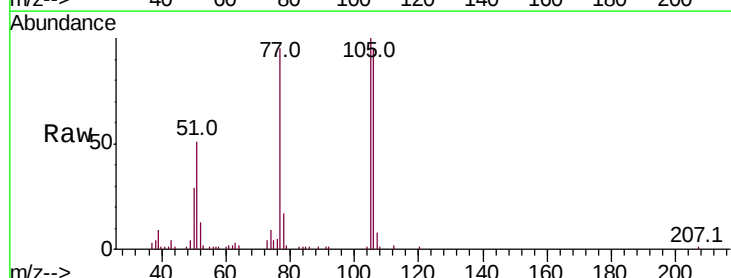
RT: 6.52 min Scan# 711

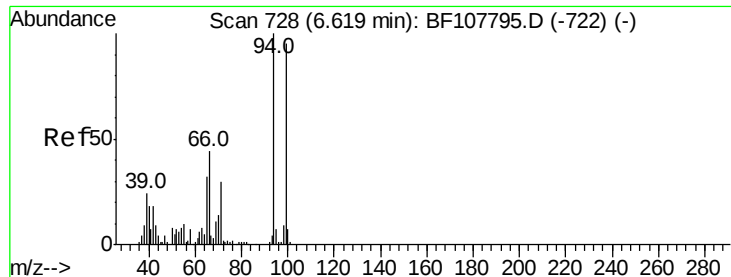
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	77	Resp:	162009
Ion Ratio	Lower	Upper	
77	100		
105	105.0	81.1	121.1
106	99.9	74.5	114.5





#10

Phenol

Concen: 9.401 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

ClientSampled :

GW-03MSD

Tot Ion: 94 Resp: 128535

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

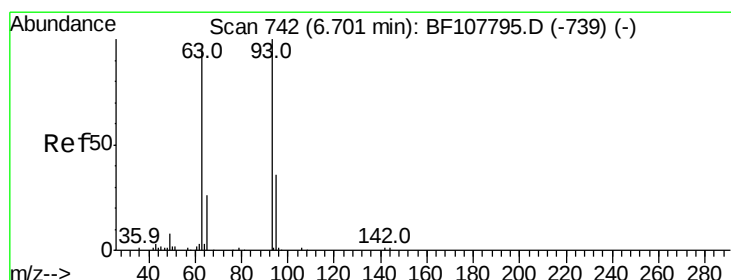
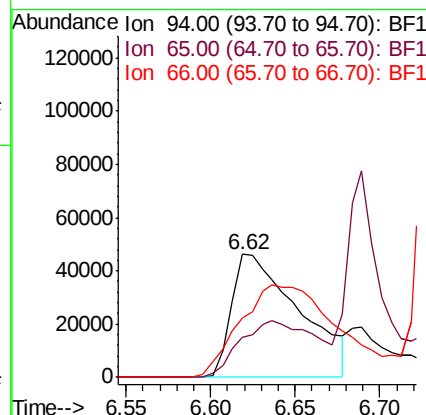
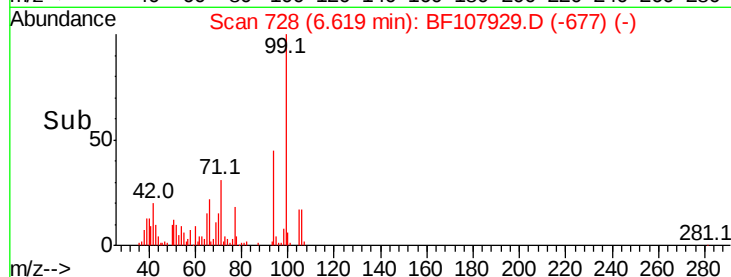
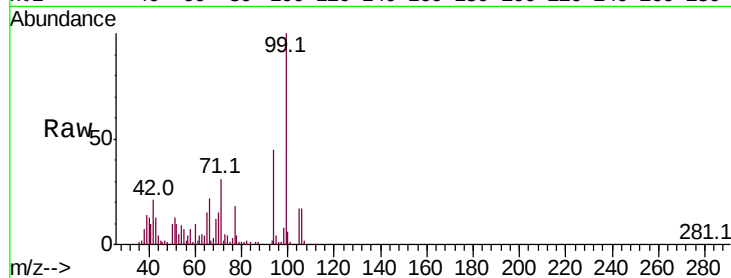
66 48.0 16.2 56.2

Manual Integrations

APPROVED

Sohil

8/3/2018 12:53:39 PM



#11

bis(2-Chloroethyl)ether

Concen: 39.345 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

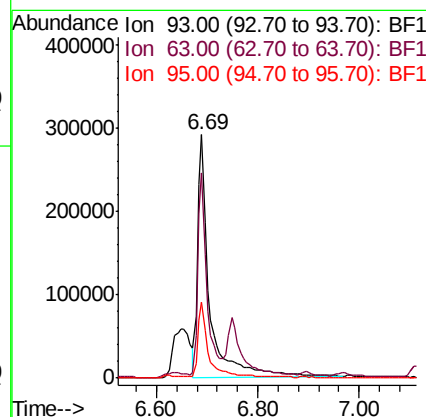
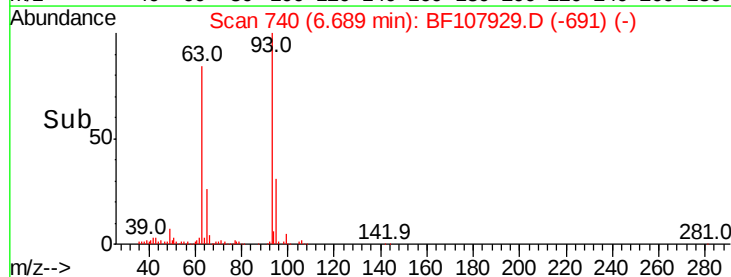
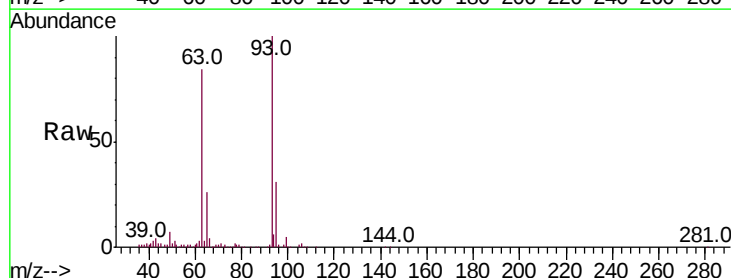
Tgt Ion: 93 Resp: 478335

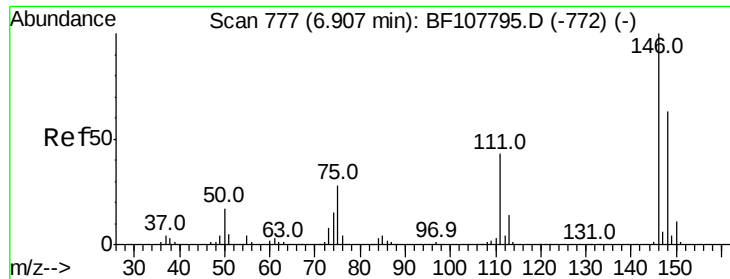
Ion Ratio Lower Upper

93 100

63 84.1 58.6 98.6

95 31.1 11.8 51.8





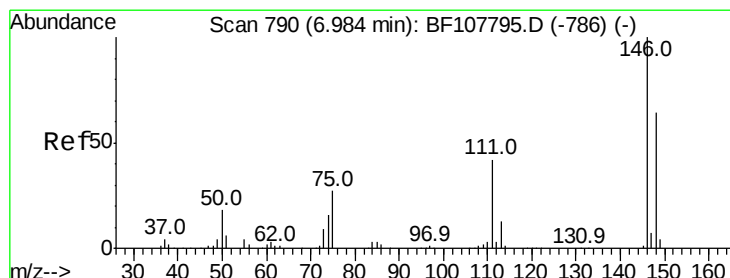
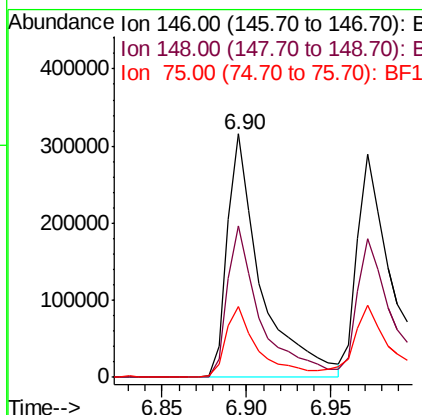
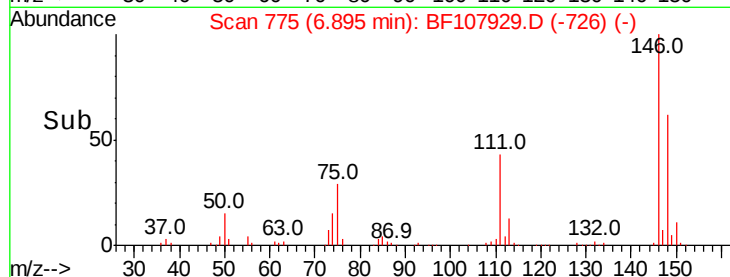
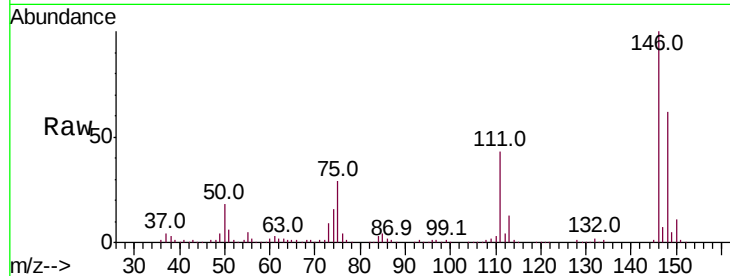
#12
 1,3-Dichlorobenzene
 Concen: 37.979 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	29.2	24.2	36.4

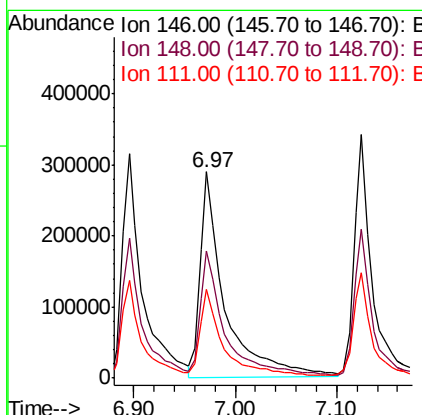
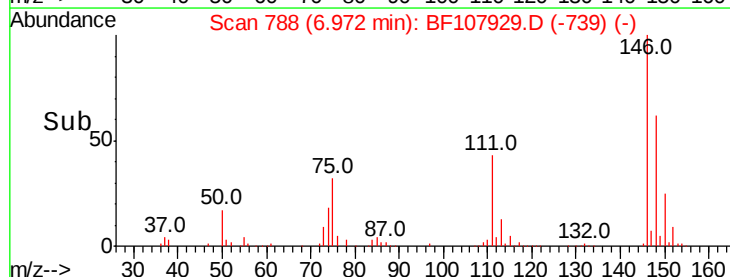
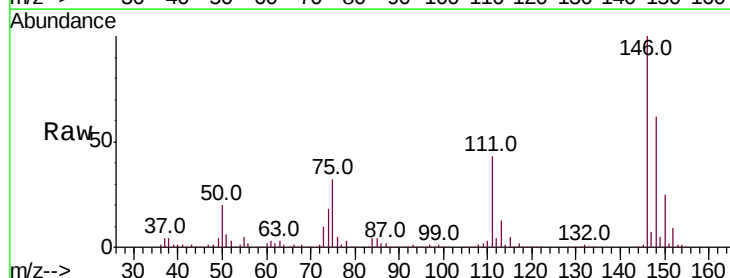
Manual Integrations
 APPROVED

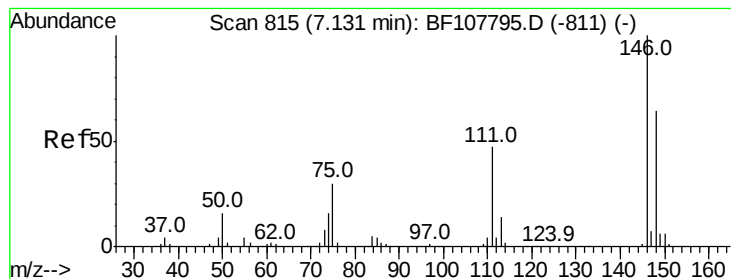
Sohil
 8/3/2018 12:53:39 PM



#13
 1,4-Dichlorobenzene
 Concen: 38.097 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.8	76.2
111	43.0	34.2	51.2





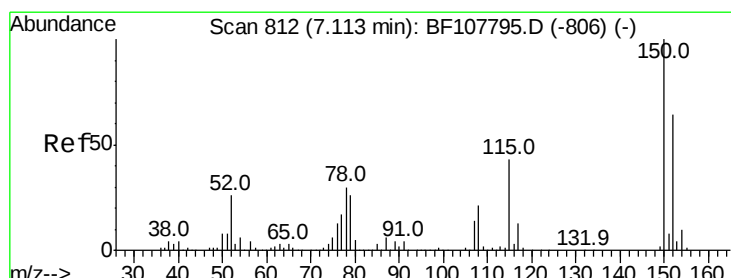
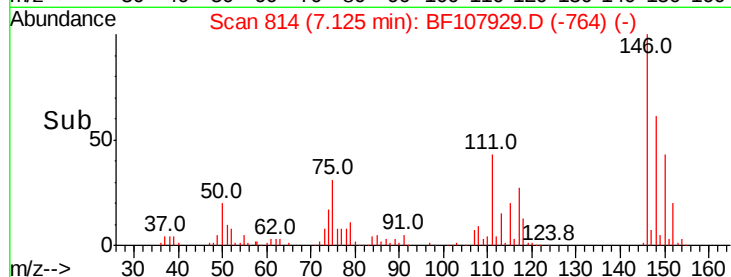
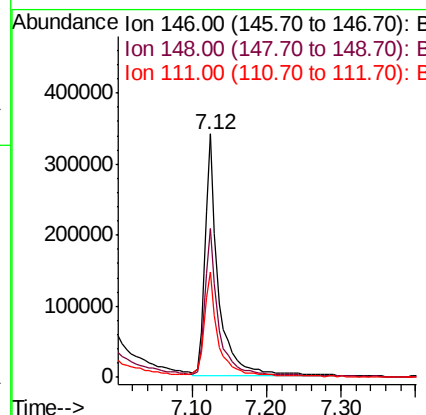
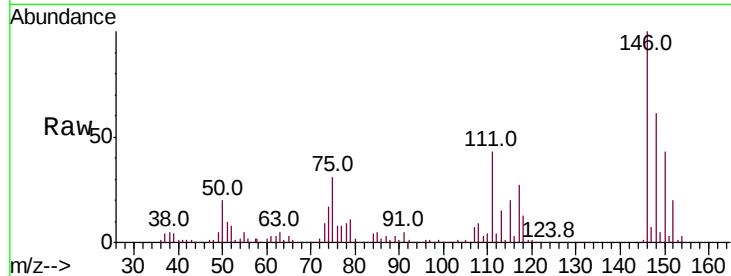
#14
 1,2-Dichlorobenzene
 Concen: 36.395 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 GW-03MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.6	75.8
111	43.2	36.0	54.0

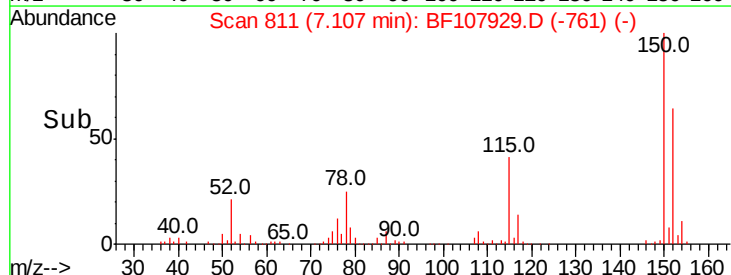
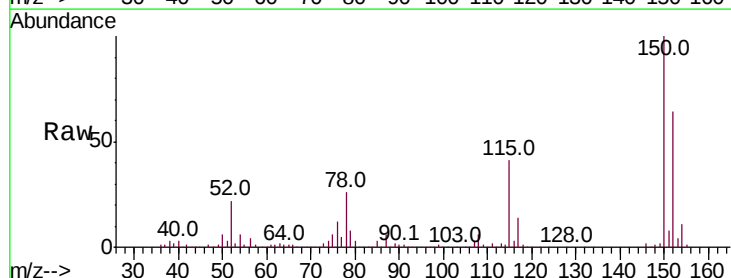
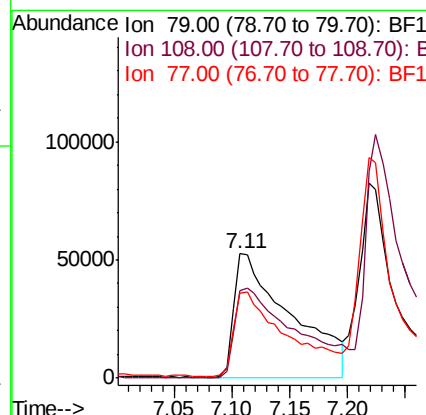
Manual Integrations
 APPROVED

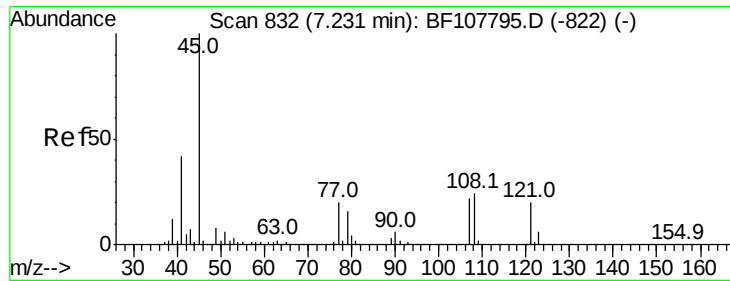
Sohil
 8/3/2018 12:53:39 PM



#15
 Benzyl Alcohol
 Concen: 25.411 ng
 RT: 7.11 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.2	65.1	97.7
77	68.1	50.6	75.8





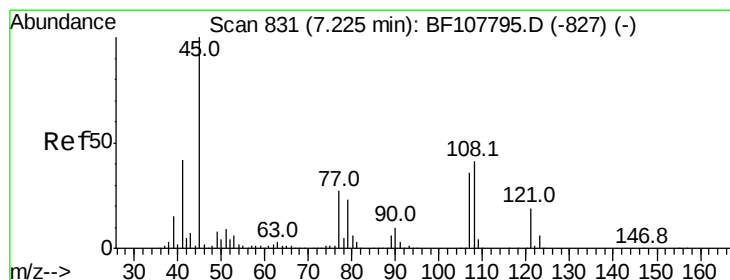
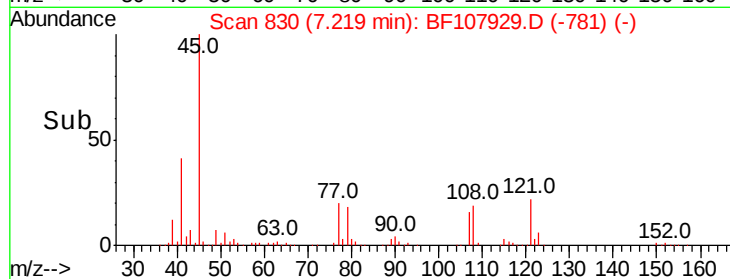
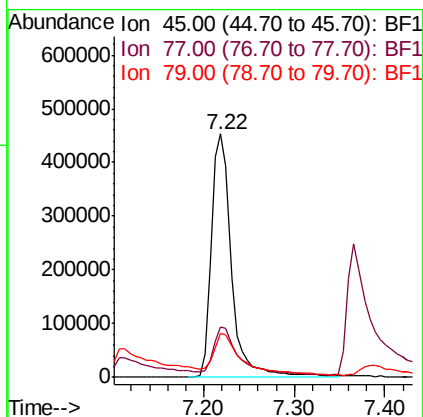
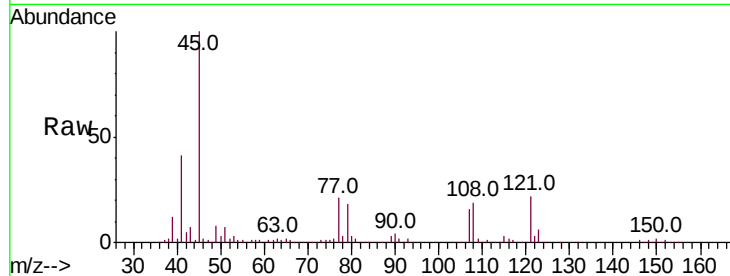
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.012 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100	699383		
77	20.6	0.0	32.9	
79	18.3	0.0	29.6	

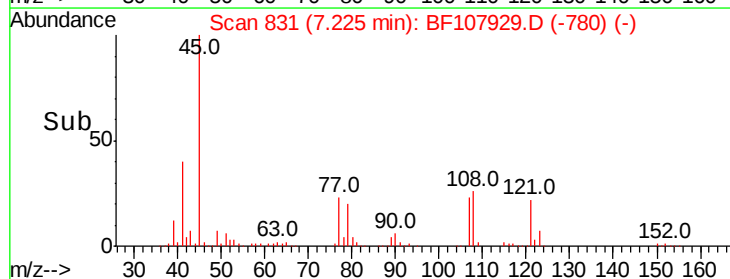
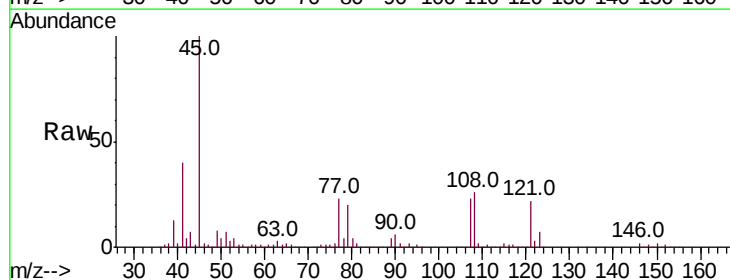
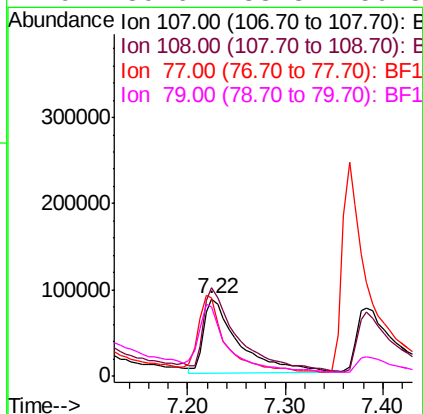
Manual Integrations
APPROVED

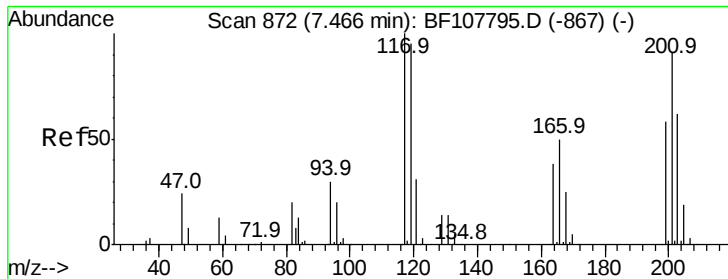
Sohil
8/3/2018 12:53:39 PM



#17
2-Methylphenol
Concen: 26.656 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	215023		
108	115.5	91.7	137.5	
77	102.3	33.8	50.8#	
79	89.6	33.8	50.8#	





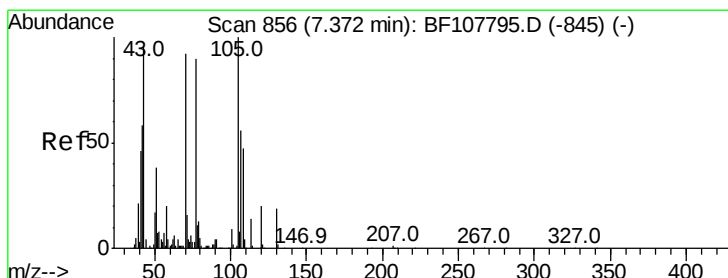
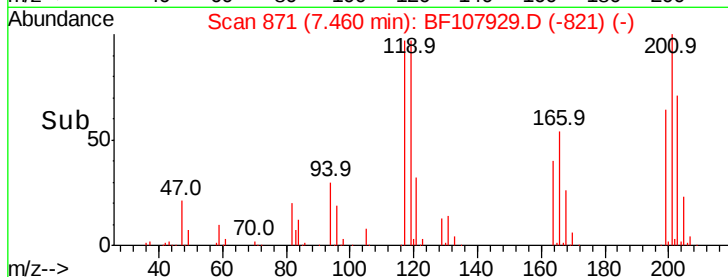
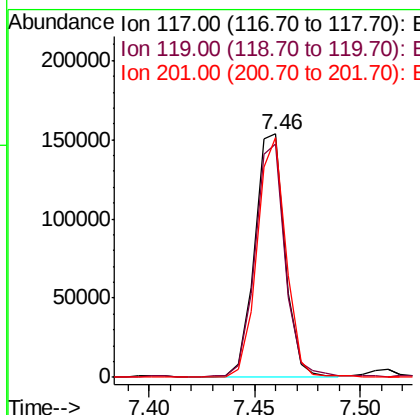
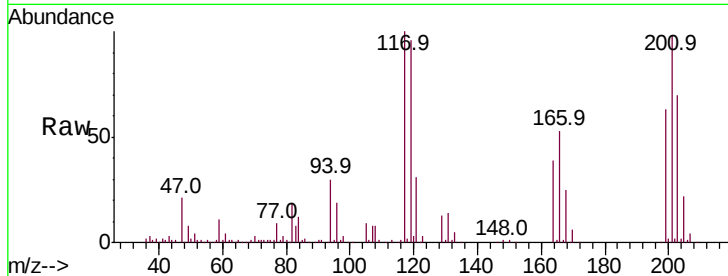
#18
Hexachloroethane
Concen: 33.186 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	152179		
119	95.8	75.8	113.8	
201	98.4	75.7	113.5	

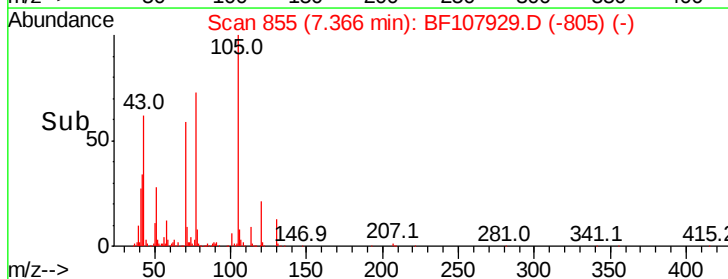
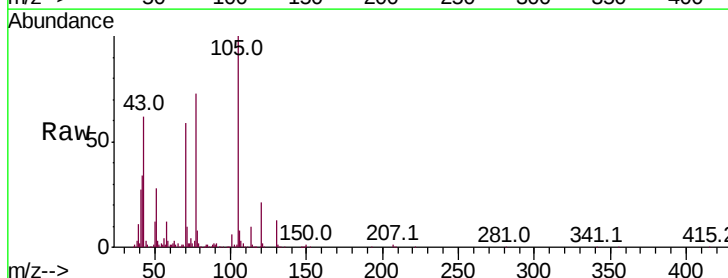
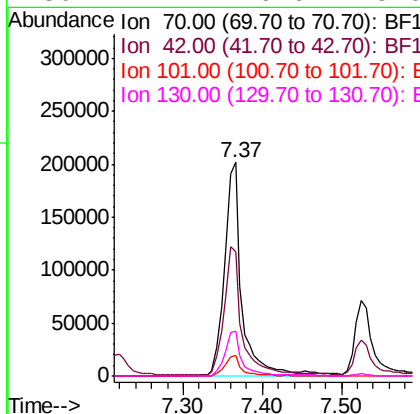
Manual Integrations
APPROVED

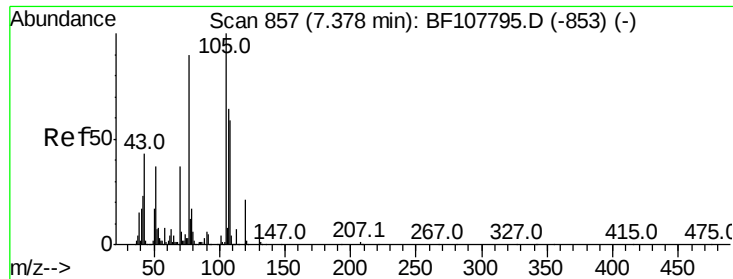
Sohil
8/3/2018 12:53:39 PM



#19
n-Nitroso-di-n-propylamine
Concen: 41.909 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	304798		
42	58.0	47.5	71.3	
101	9.6	7.4	11.2	
130	21.2	16.6	25.0	





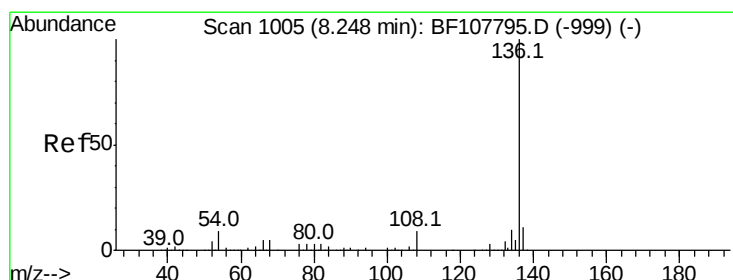
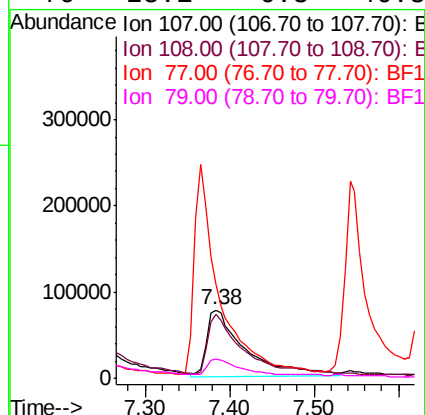
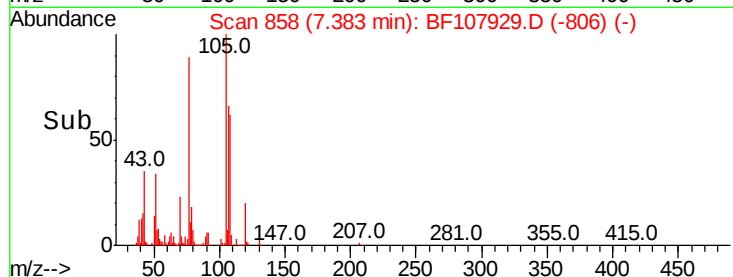
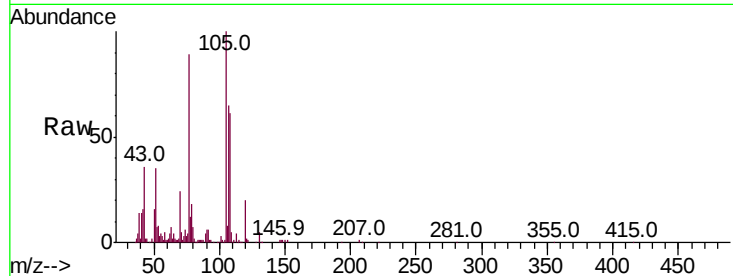
#20
3+4-Methylphenols
Concen: 25.166 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.0	68.2	108.2	
77	137.3	26.7	66.7#	
79	28.1	6.3	46.3	

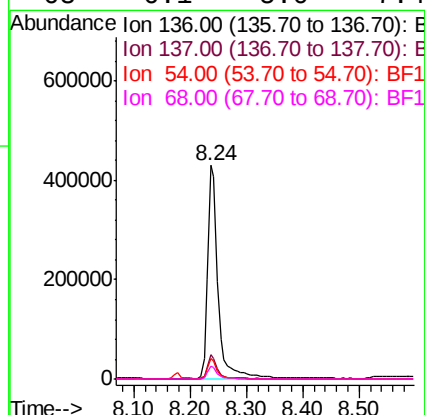
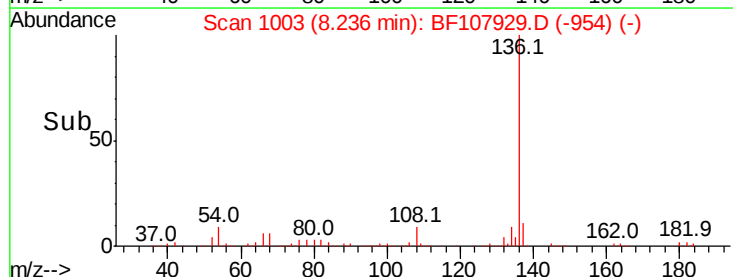
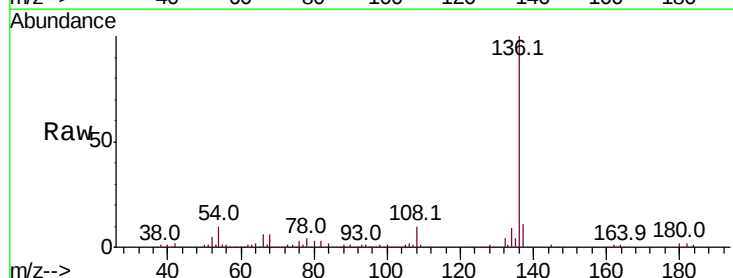
Manual Integrations
APPROVED

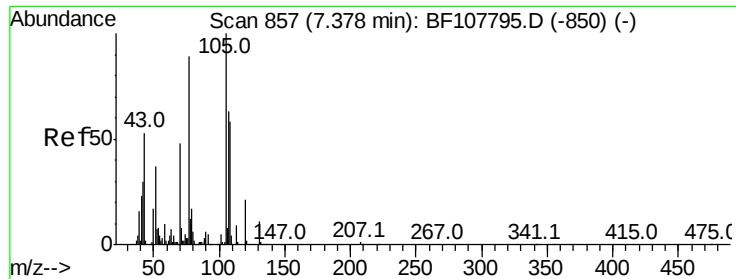
Sohil
8/3/2018 12:53:39 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.7	6.6	9.8	
68	6.1	5.0	7.4	





#22

Acetophenone

Concen: 46.564 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

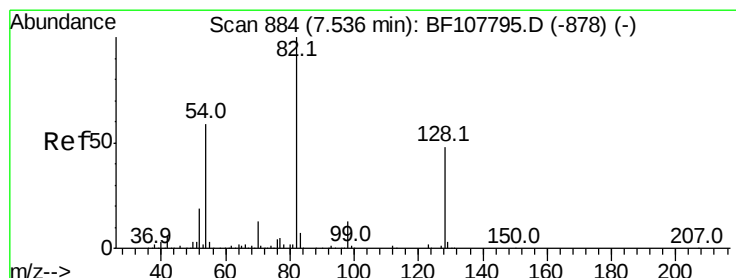
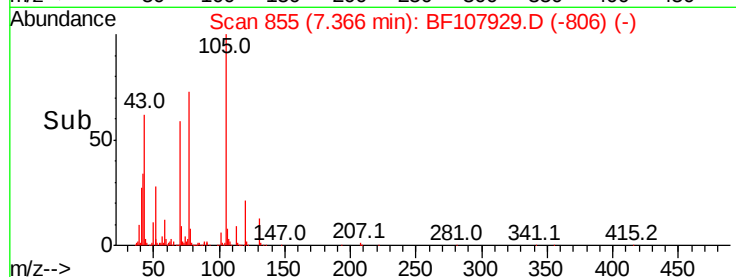
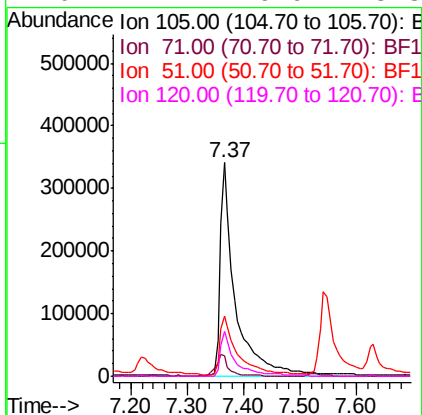
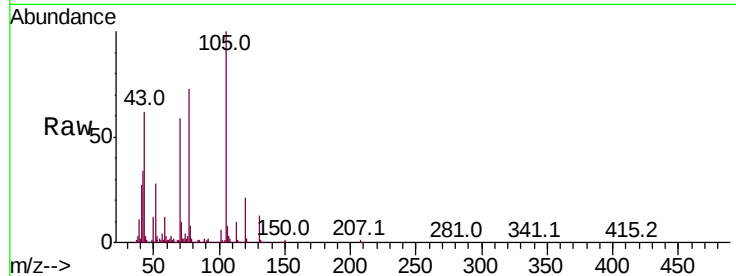
ClientSampled :

GW-03MSD

Tot Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.4	6.6#
51	28.5	22.3	33.5
120	21.2	16.9	25.3

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#23

Nitrobenzene-d5

Concen: 89.912 ng

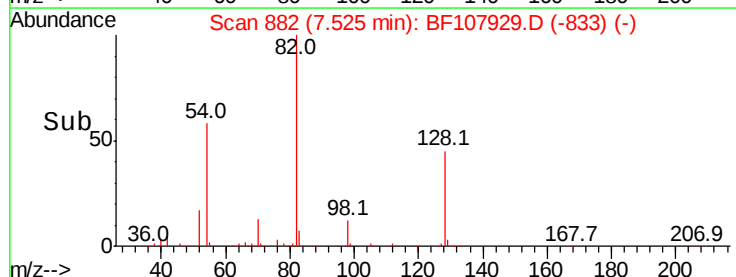
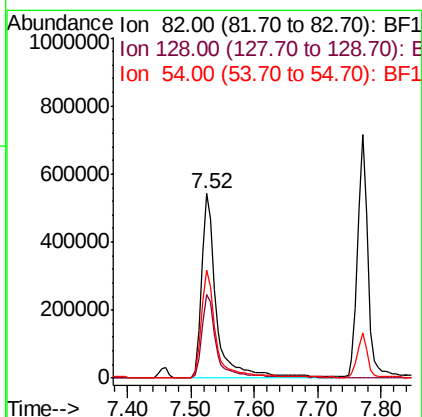
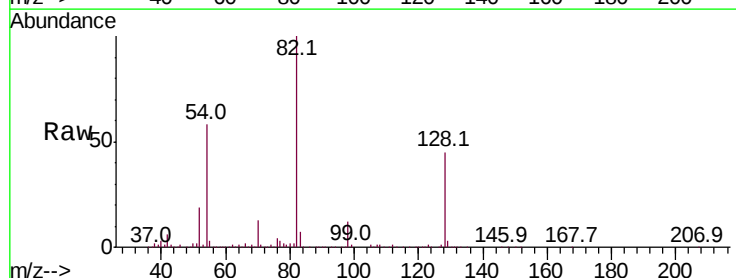
RT: 7.52 min Scan# 882

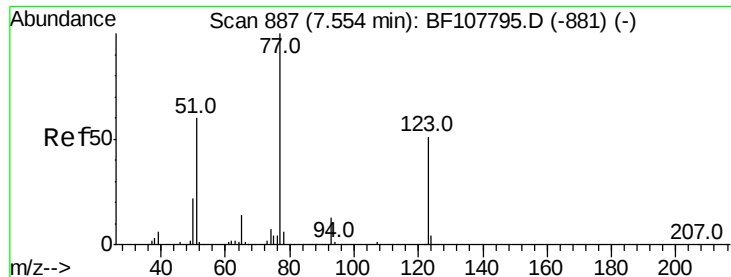
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	58.3	41.4	62.2





#24

Nitrobenzene

Concen: 38.835 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

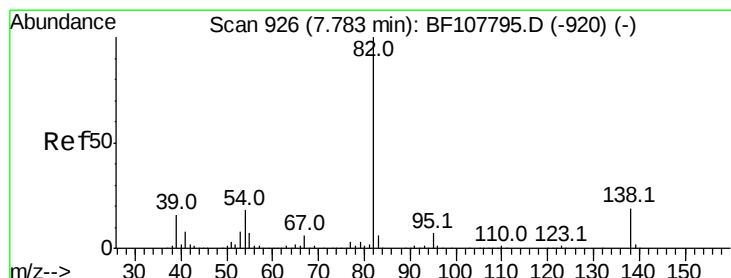
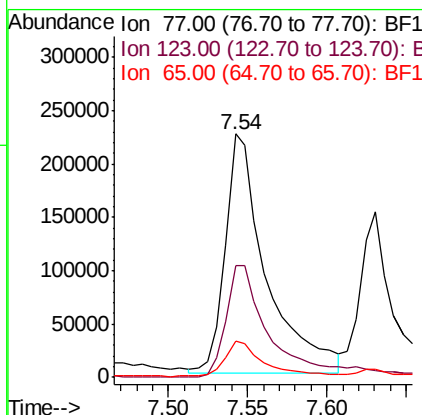
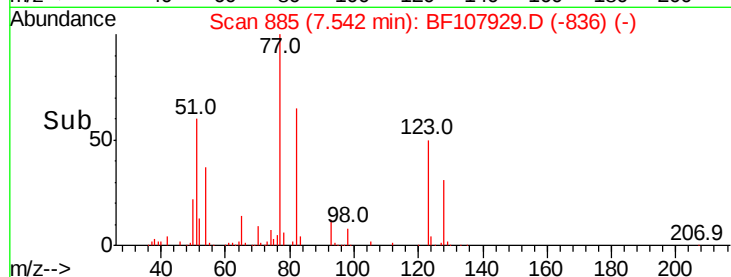
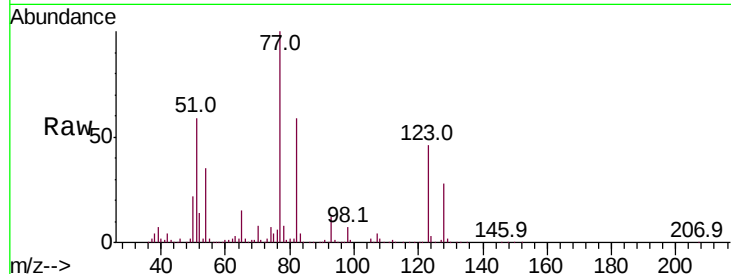
ClientSampleId :

GW-03MSD

Tot Ion:	77	Resp:	401492
Ion Ratio	Lower	Upper	
77	100		
123	46.1	37.9	56.9
65	14.8	11.0	16.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#25

Isophorone

Concen: 50.751 ng

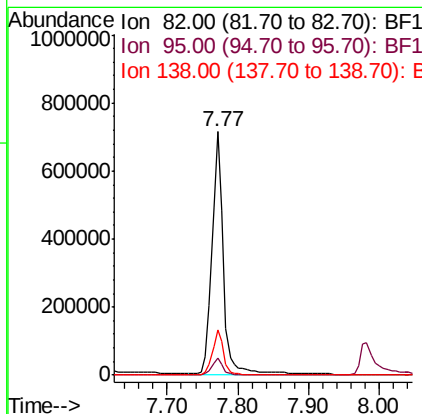
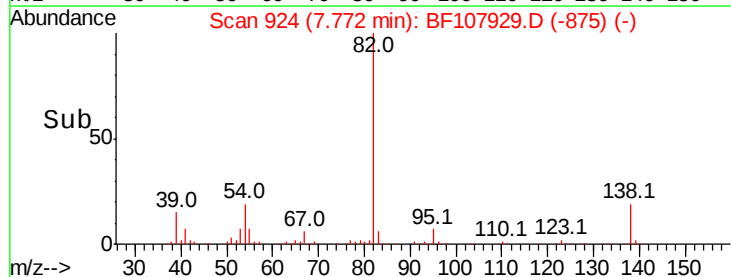
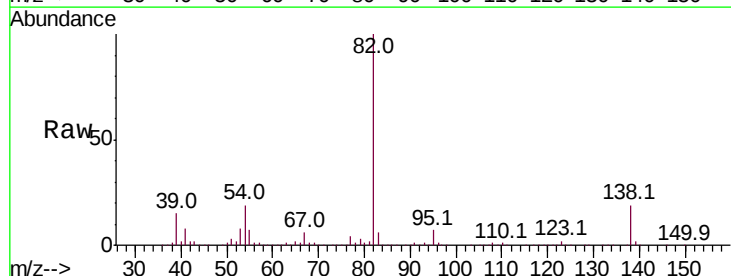
RT: 7.77 min Scan# 924

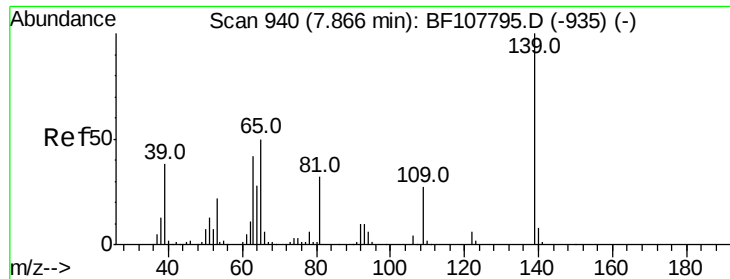
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	82	Resp:	821376
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.8	14.9	22.3





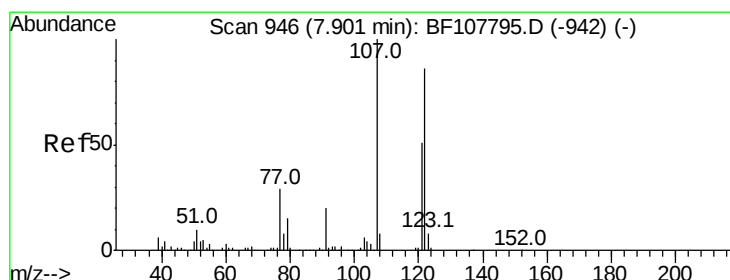
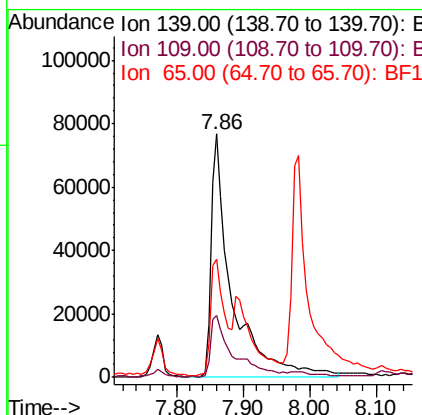
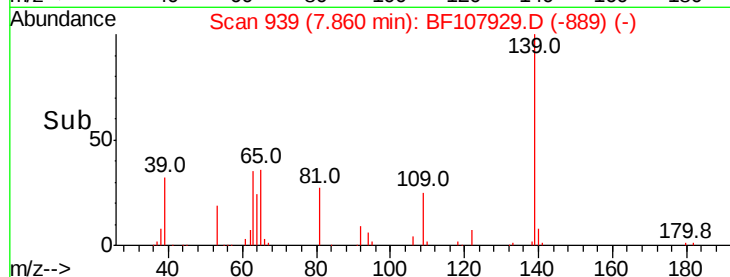
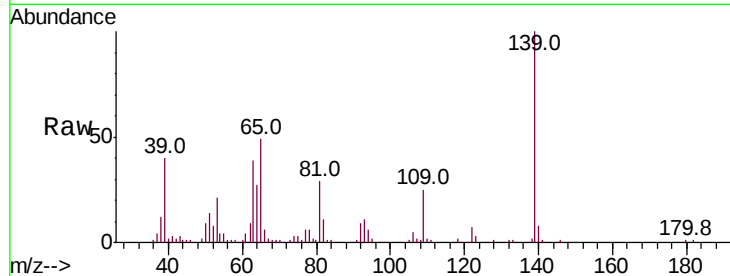
#26
2-Nitrophenol
Concen: 32.449 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampled :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	168363		
109	25.4	22.7	34.1	
65	48.8	40.5	60.7	

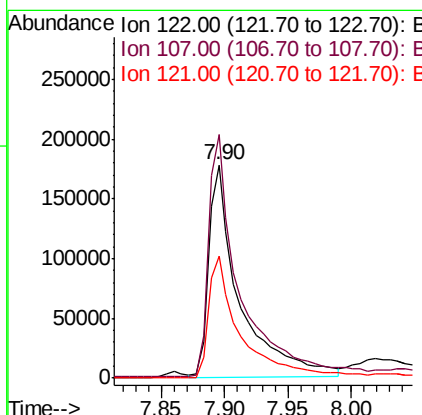
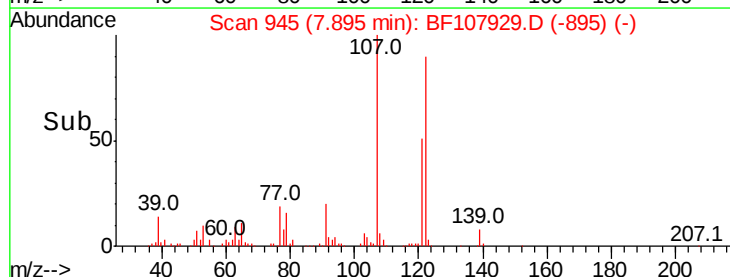
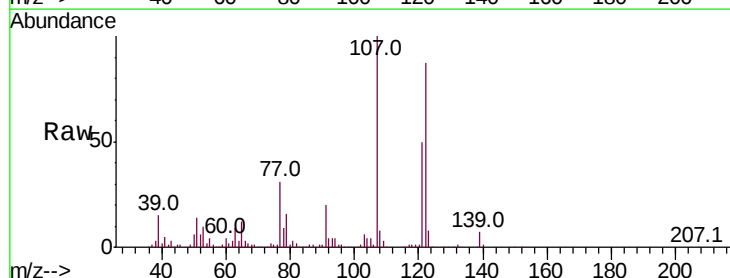
Manual Integrations
APPROVED

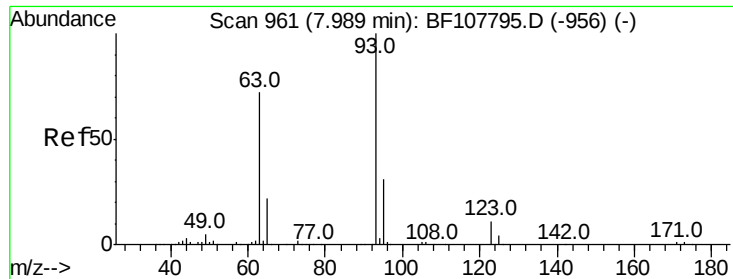
Sohil
8/3/2018 12:53:39 PM



#27
2,4-Dimethylphenol
Concen: 43.387 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	301391		
107	114.3	91.2	136.8	
121	57.1	47.2	70.8	





#28

bis(2-Chloroethoxy)methane

Concen: 47.186 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

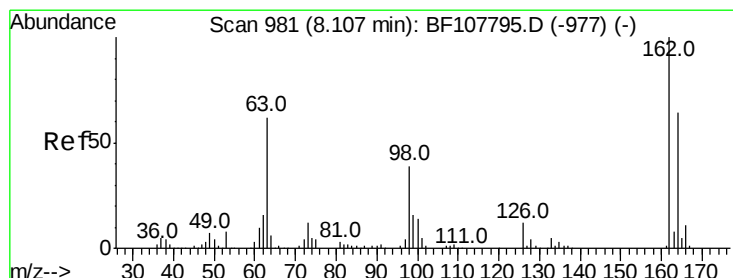
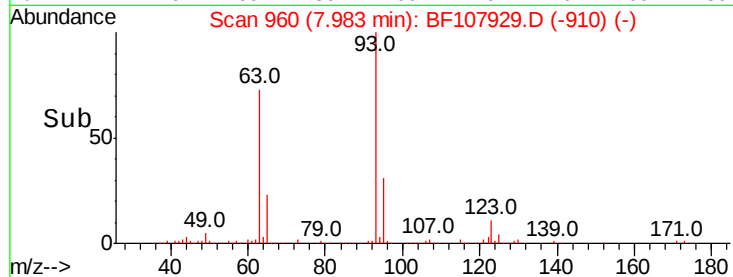
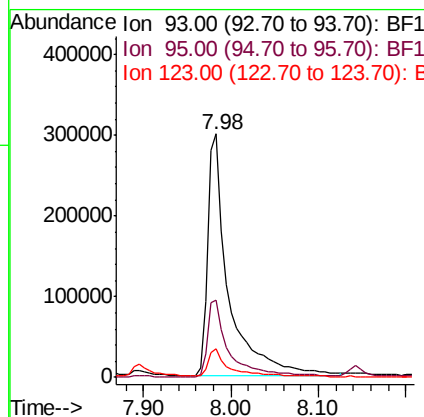
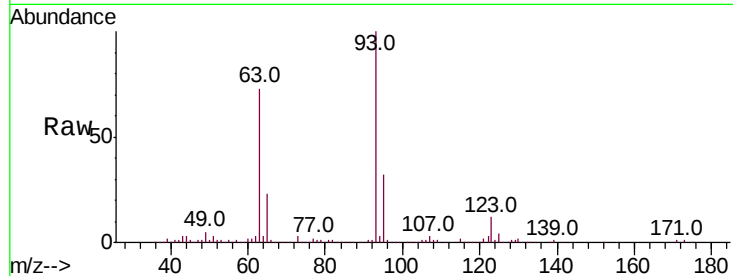
ClientSampleId :

GW-03MSD

Tot Ion:	93	Resp:	503283
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.3	39.5
123	11.6	9.8	14.6

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#29

2,4-Dichlorophenol

Concen: 36.871 ng

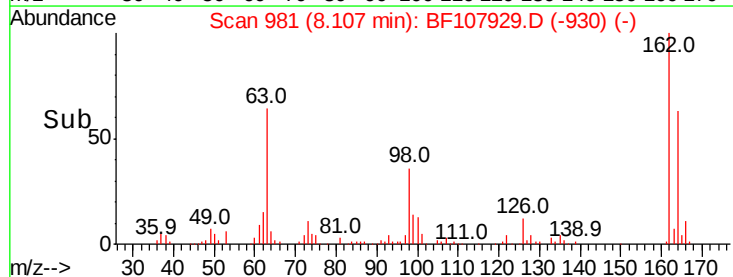
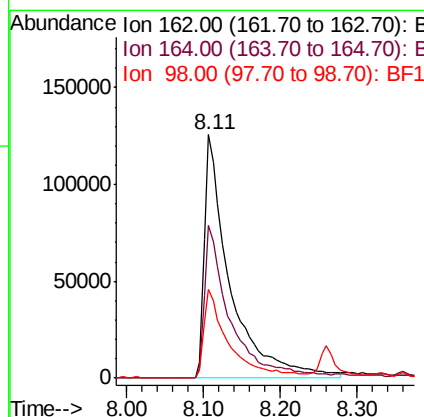
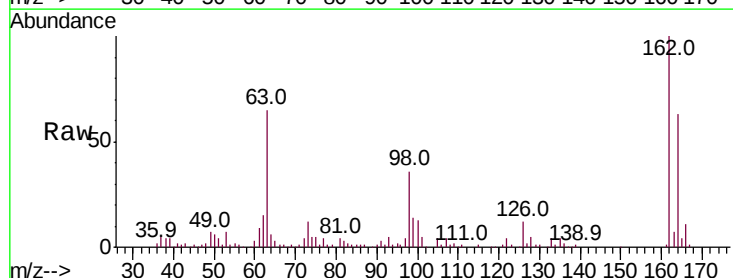
RT: 8.11 min Scan# 981

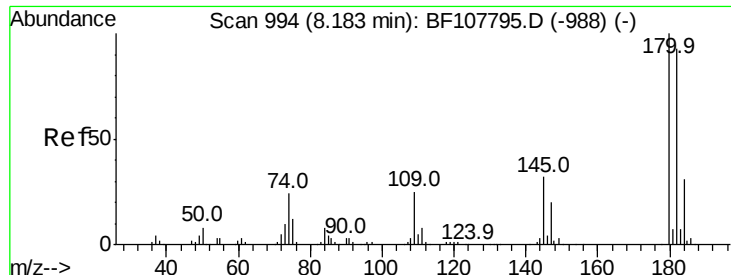
Delta R.T. -0.00 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	162	Resp:	289716
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.7	82.7
98	36.4	18.1	58.1





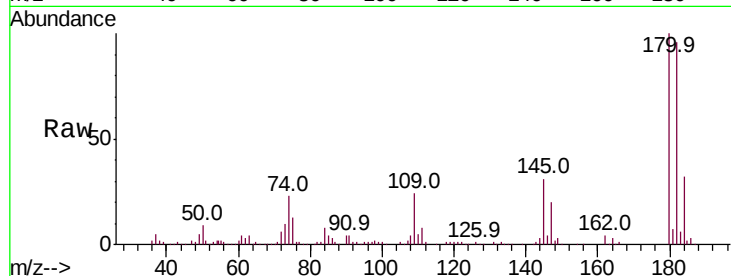
#30
 1,2,4-Trichlorobenzene
 Concen: 41.961 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	376136		
182	95.8	76.8	115.2	
145	30.7	26.5	39.7	

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:53:39 PM

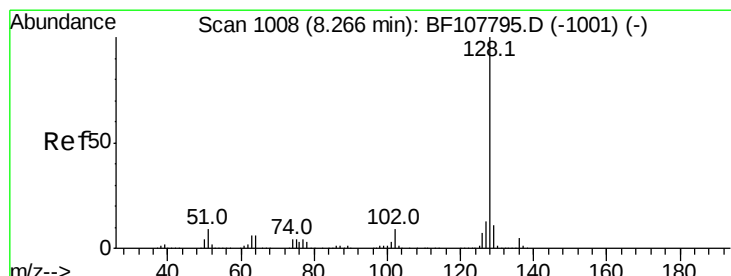
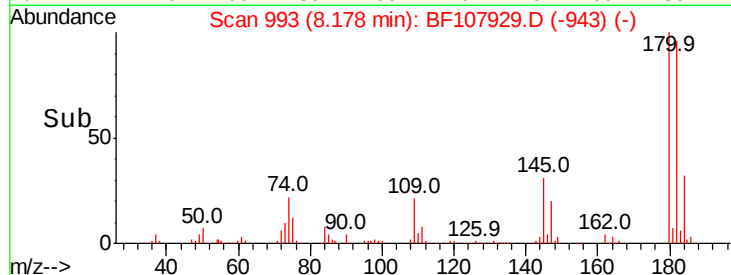
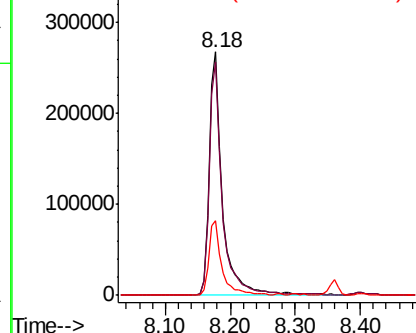


Abundance

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: 60.299 ng
 RT: 8.26 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

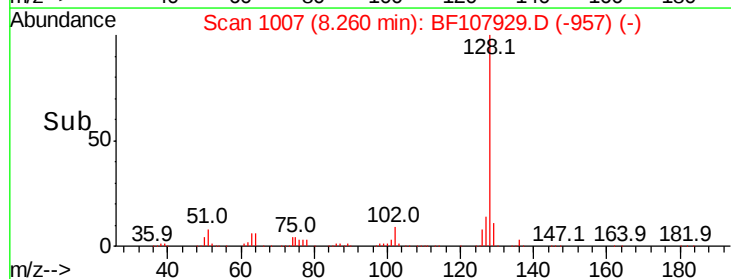
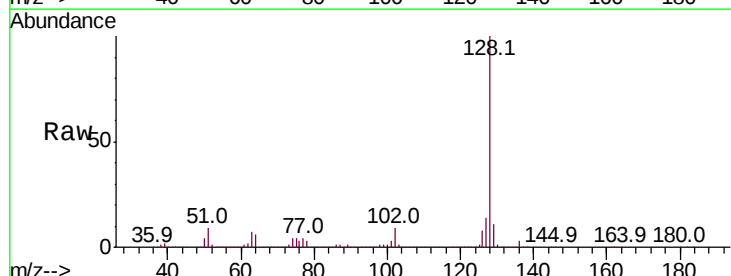
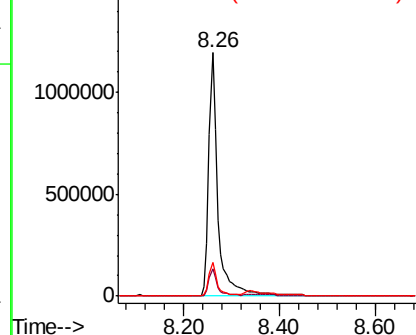
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1592125		
129	11.3	8.8	13.2	
127	13.9	10.9	16.3	

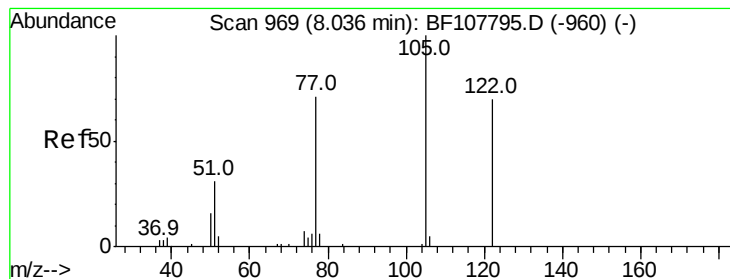
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 14.304 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

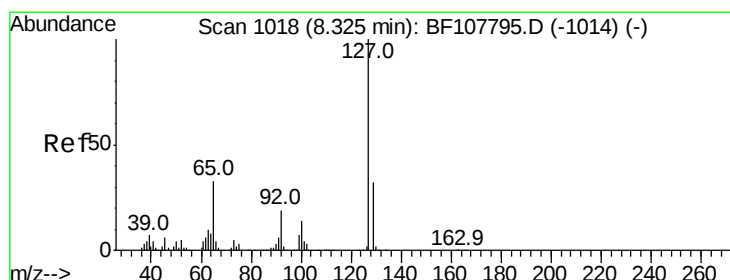
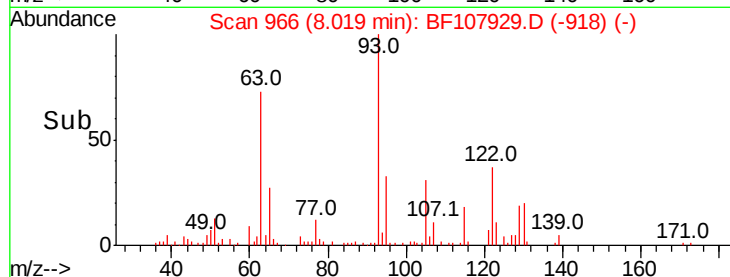
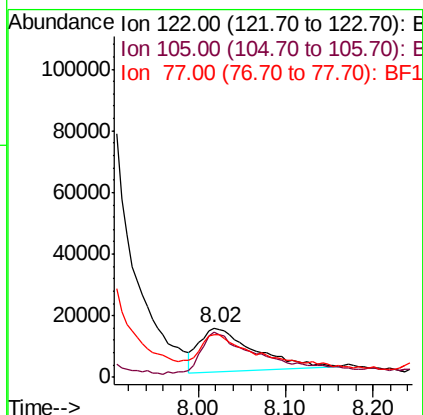
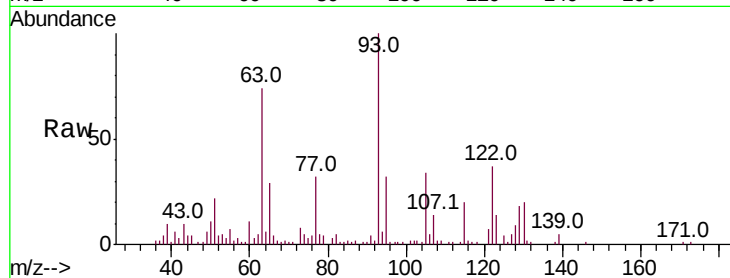
ClientSampled :

GW-03MSD

Tot Ion:	122	Resp:	62080
Ion Ratio	Lower	Upper	
122	100		
105	92.4	101.1	141.1#
77	87.6	70.7	110.7

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#33

4-Chloroaniline

Concen: 10.076 ng

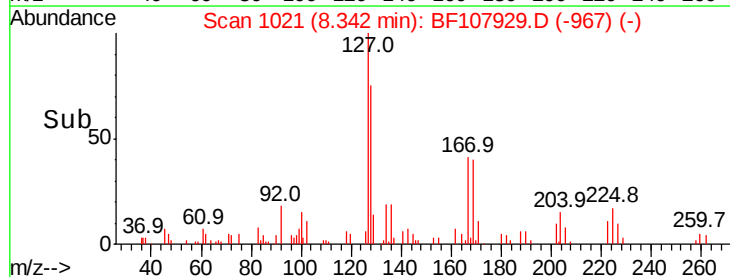
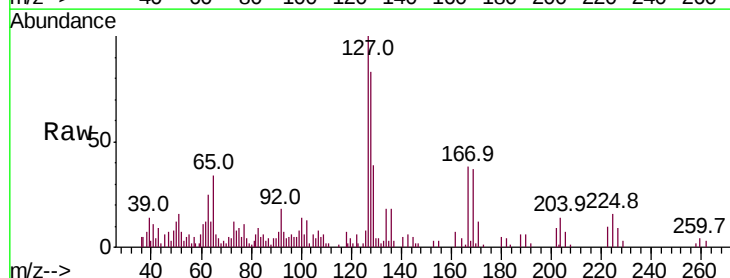
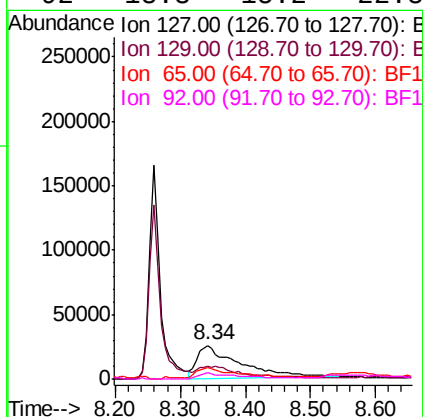
RT: 8.34 min Scan# 1021

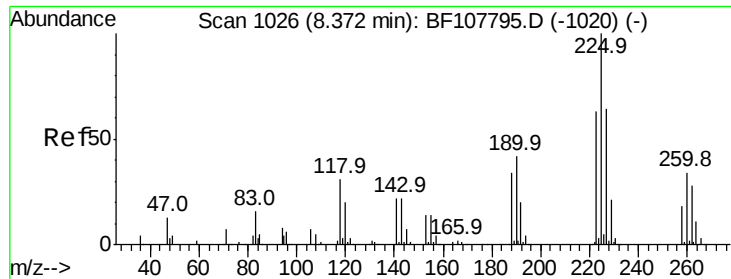
Delta R.T. 0.02 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	127	Resp:	113633
Ion Ratio	Lower	Upper	
127	100		
129	39.0	25.9	38.9#
65	34.5	25.0	37.4
92	18.3	15.2	22.8





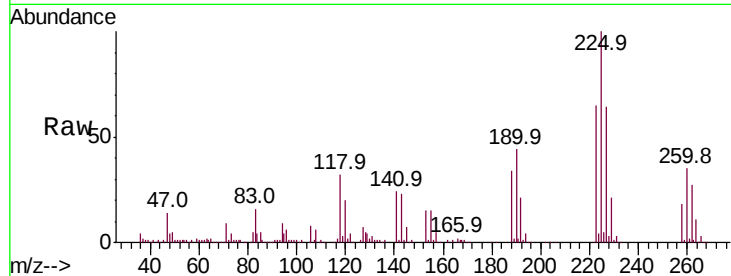
#34
Hexachlorobutadiene
Concen: 39.181 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	217038		
223	65.2	50.6	76.0	
227	63.9	51.9	77.9	

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM

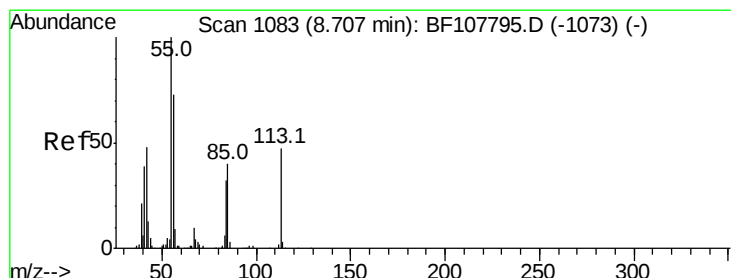
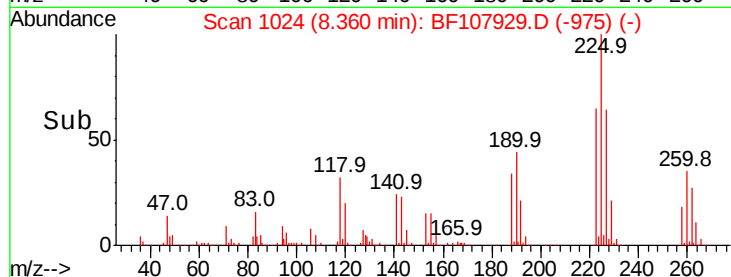
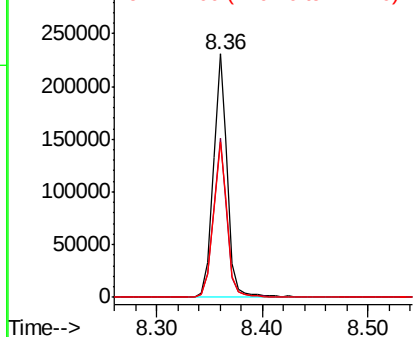


Abundance

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: 5.104 ng
RT: 8.71 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

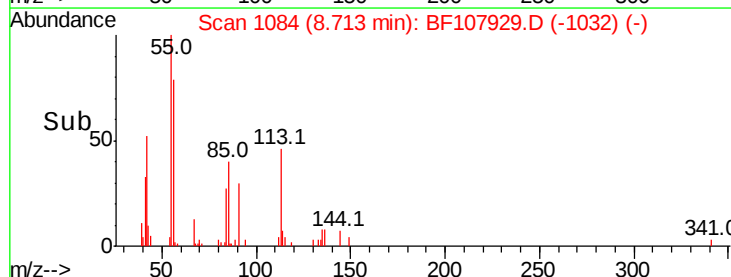
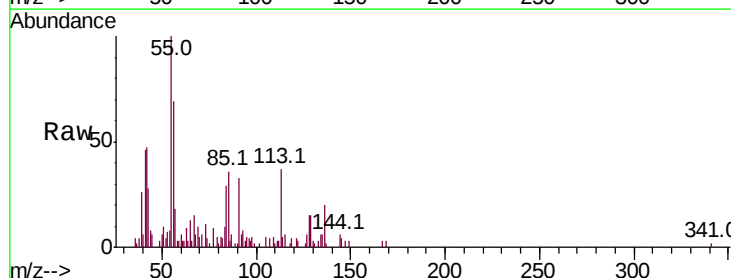
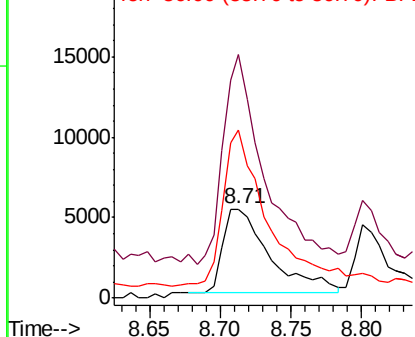
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	12072		
55	273.9	163.3	203.3#	
56	188.8	115.7	155.7#	

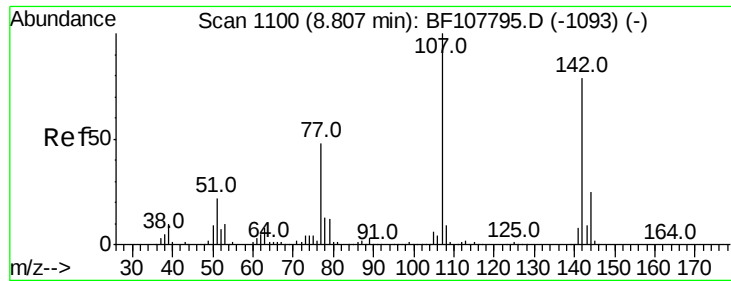
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





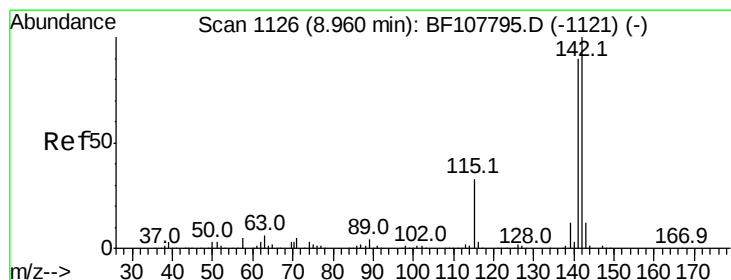
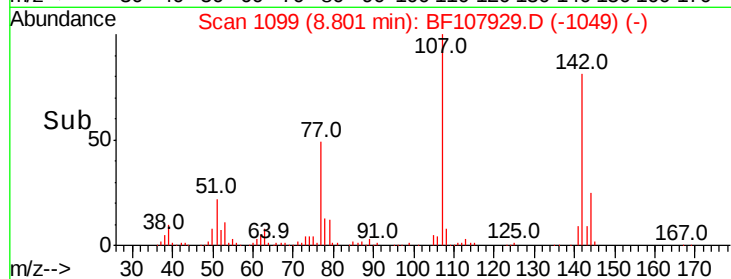
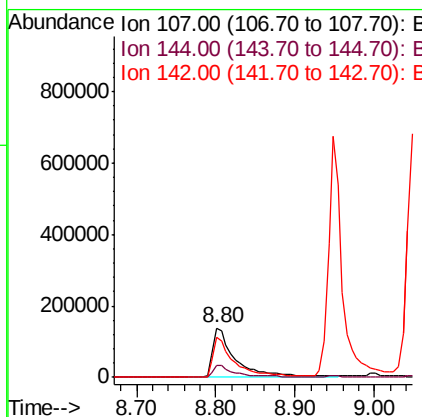
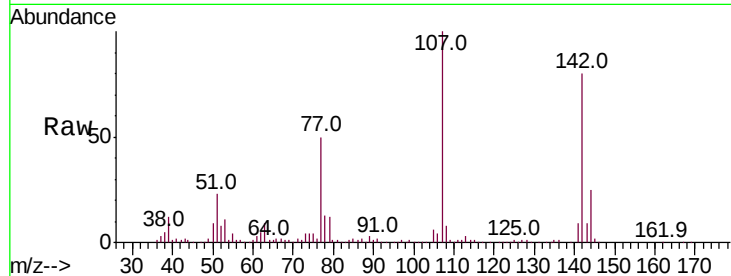
#36
4-Chloro-3-methylphenol
Concen: 32.356 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	276117		
144	25.1	20.5	30.7	
142	80.1	62.0	93.0	

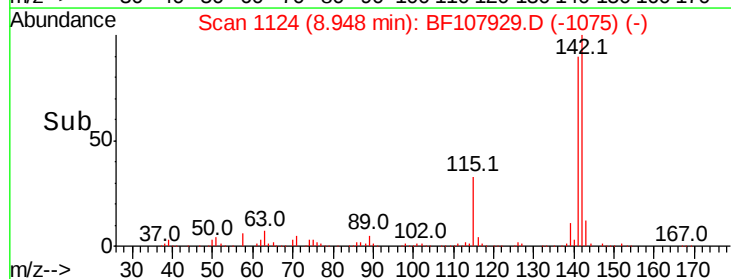
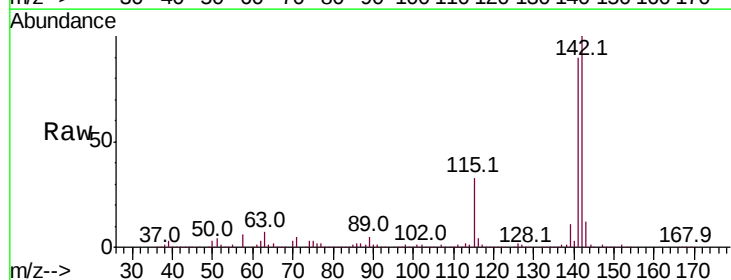
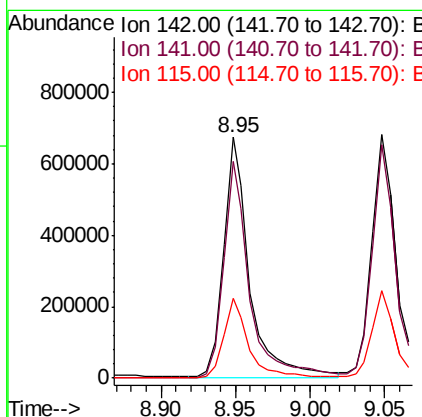
Manual Integrations
APPROVED

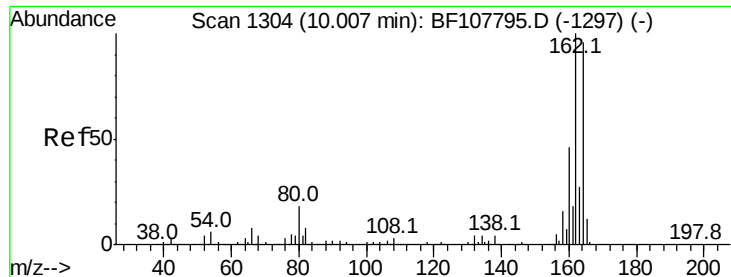
Sohil
8/3/2018 12:53:39 PM



#37
2-Methylnaphthalene
Concen: 49.933 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	828169		
141	90.1	70.8	106.2	
115	33.3	26.1	39.1	





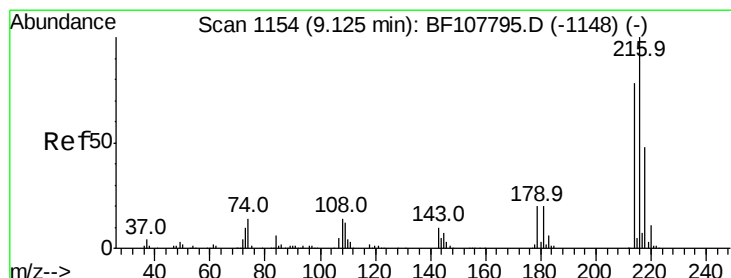
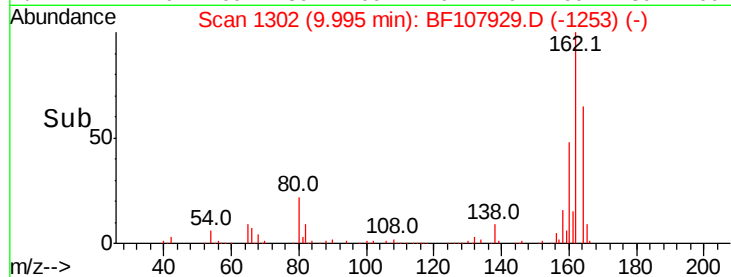
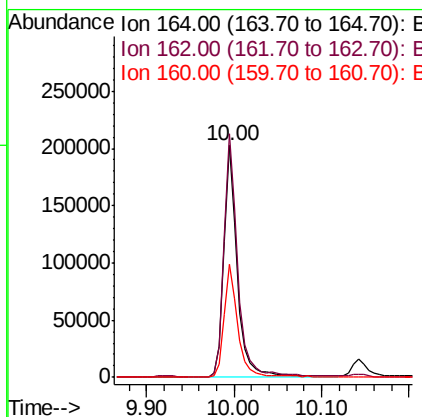
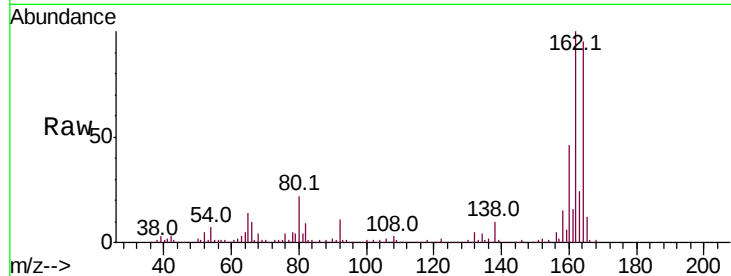
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	48.8	38.3	57.5

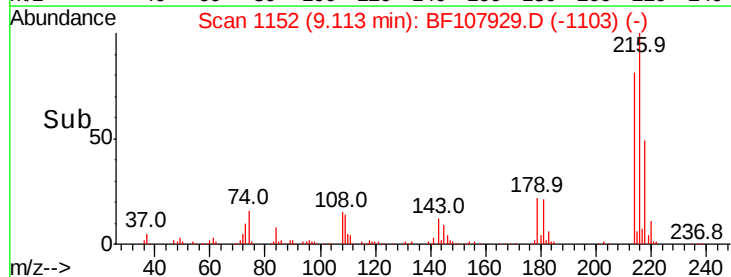
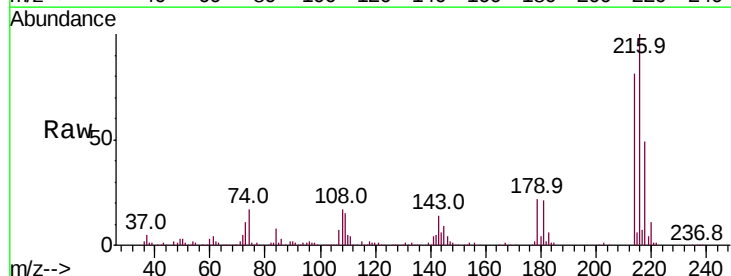
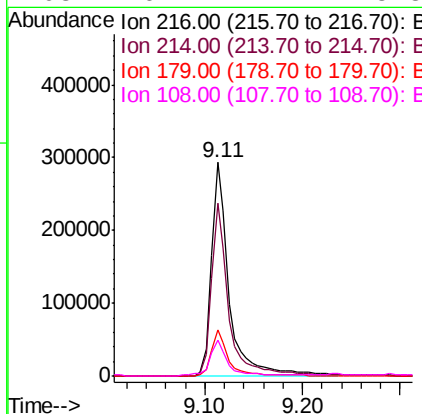
Manual Integrations
 APPROVED

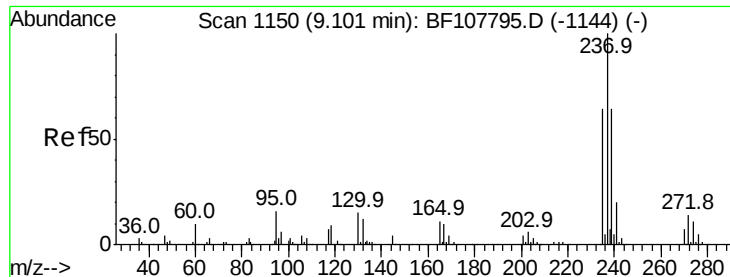
Sohil
 8/3/2018 12:53:39 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.852 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	21.1	18.1	27.1
108	16.7	17.2	25.8#





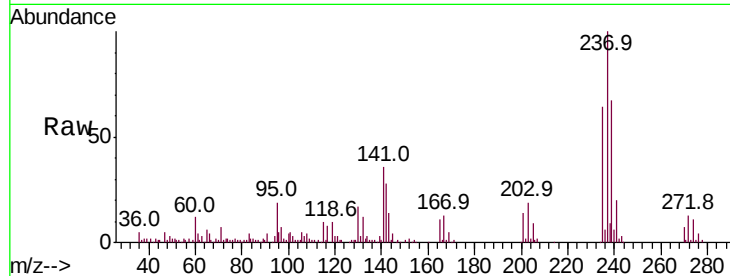
#40
Hexachlorocyclopentadiene
Concen: 31.256 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

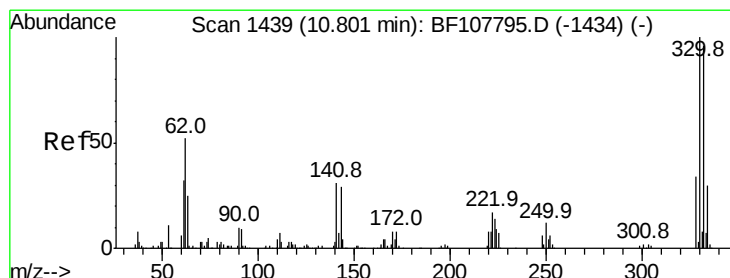
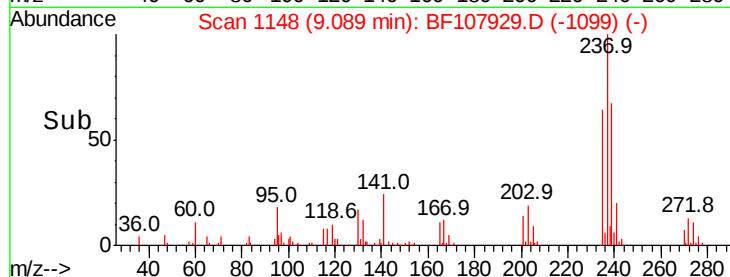
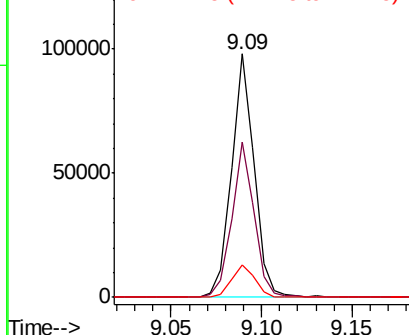
Tot Ion	Ratio	Resp	Lower	Upper
237	100	85572		
235	63.8	44.8	84.8	
272	13.4	0.0	33.3	

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM

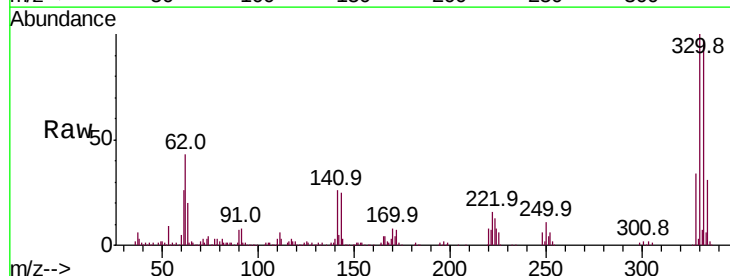


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

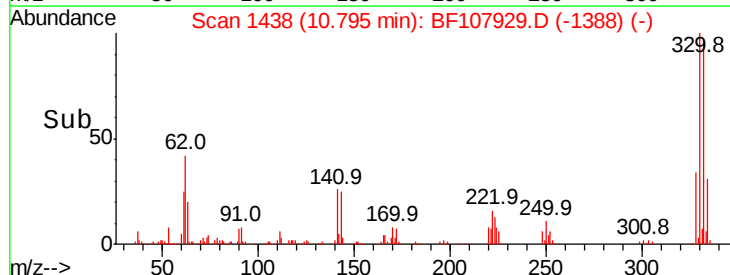
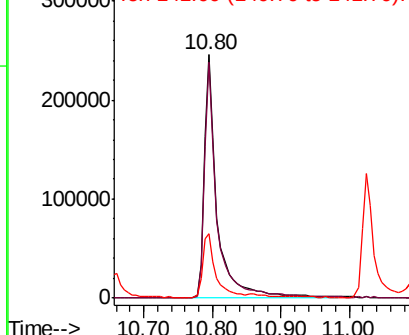


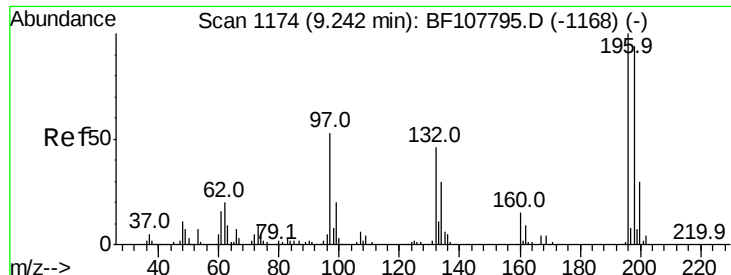
#41
2,4,6-Tribromophenol
Concen: 109.954 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	331507		
332	96.3	77.0	115.6	
141	25.8	29.9	44.9#	



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





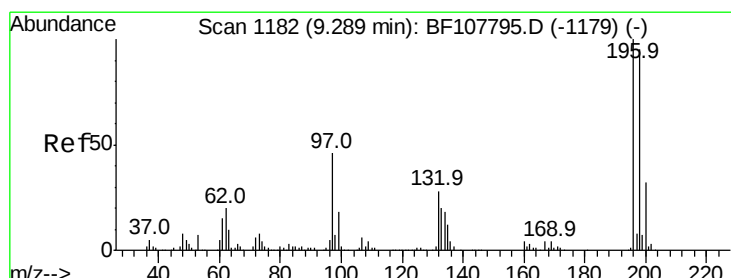
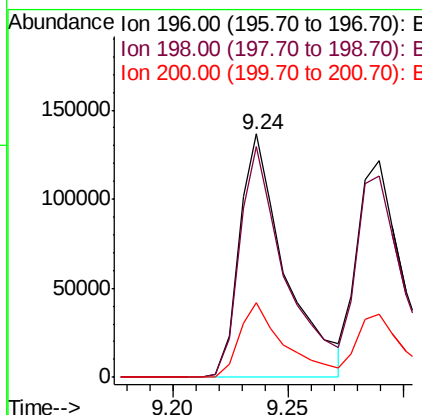
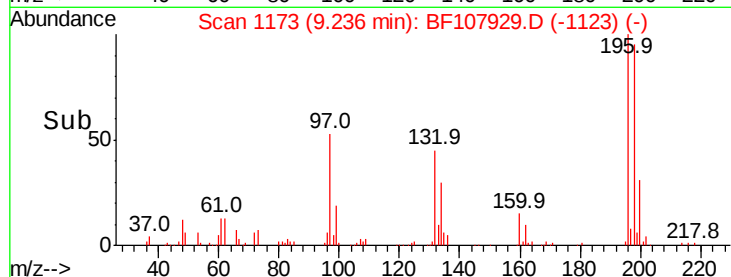
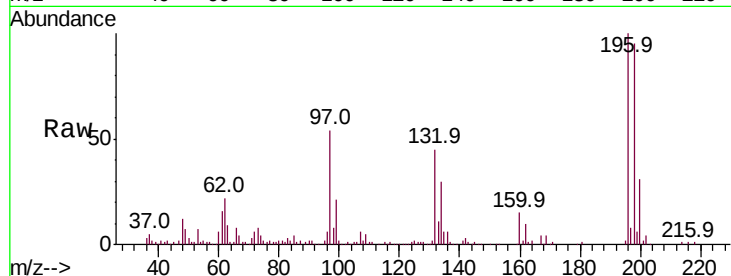
#42
 2,4,6-Trichlorophenol
 Concen: 44.799 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

Tot Ion:	196	Resp:	187363
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
200	30.6	24.5	36.7

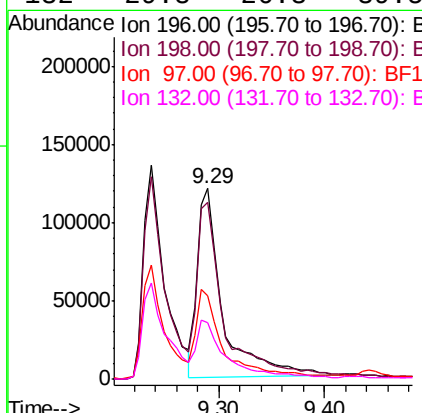
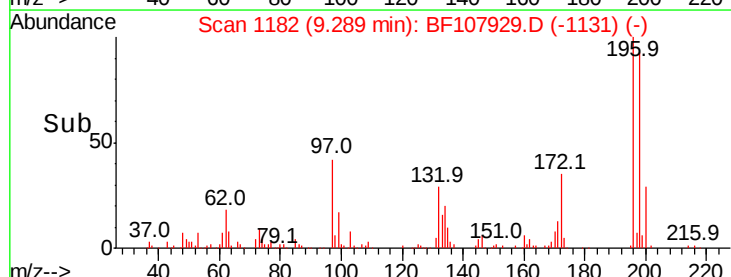
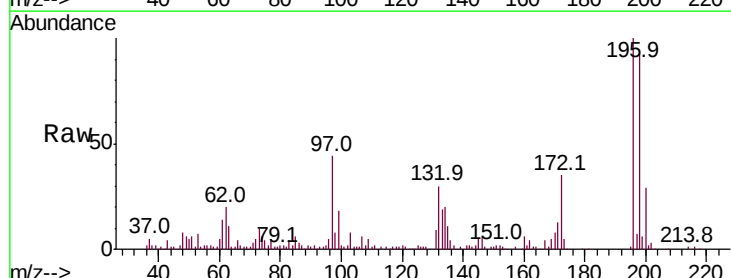
Manual Integrations
 APPROVED

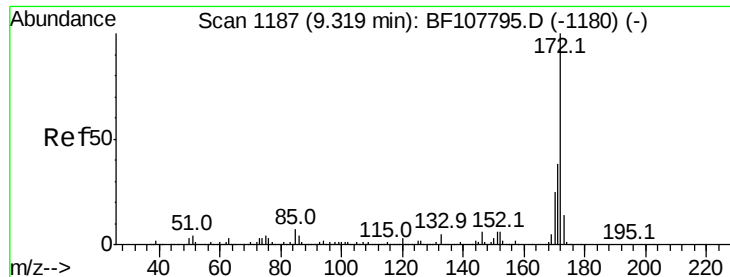
Sohil
 8/3/2018 12:53:39 PM



#43
 2,4,5-Trichlorophenol
 Concen: 39.847 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Tgt Ion:	196	Resp:	200624
Ion Ratio	Lower	Upper	
196	100		
198	93.0	74.6	112.0
97	43.8	42.9	64.3
132	29.8	26.3	39.5





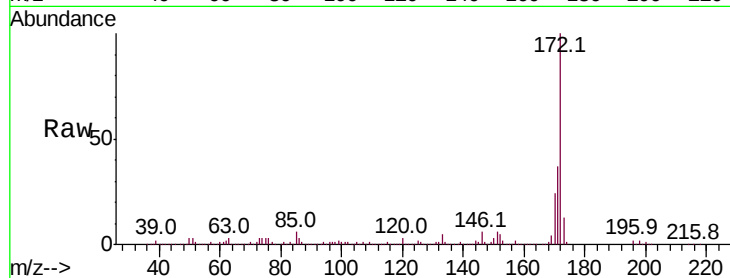
#44
2-Fluorobiphenyl
Concen: 97.017 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM

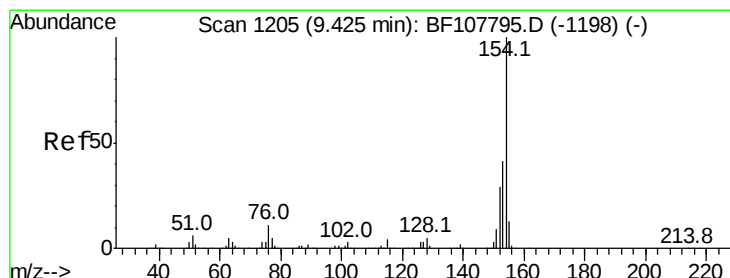
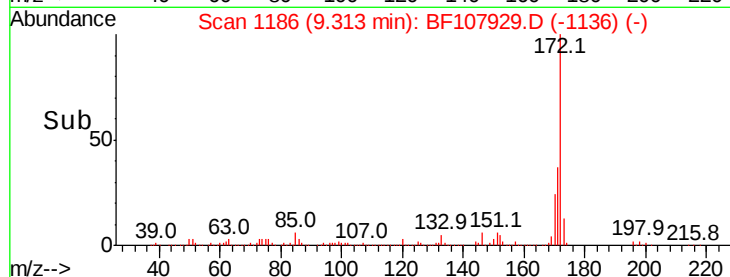
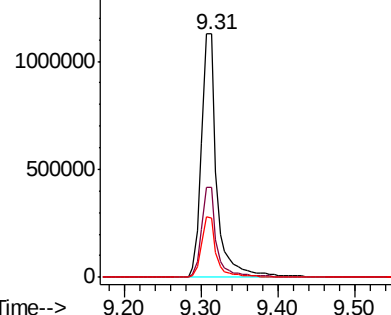


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 48.778 ng
RT: 9.41 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

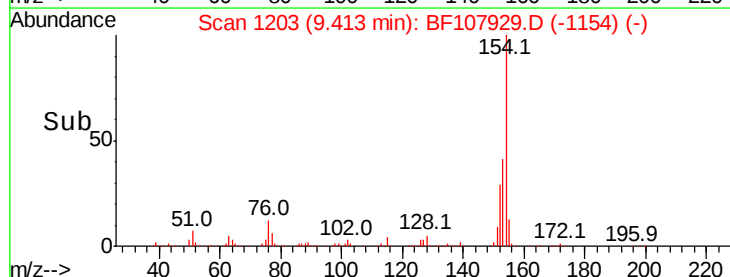
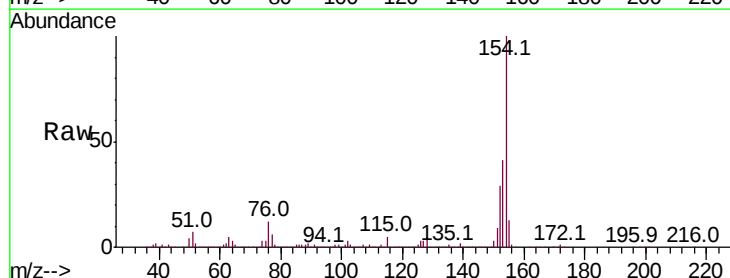
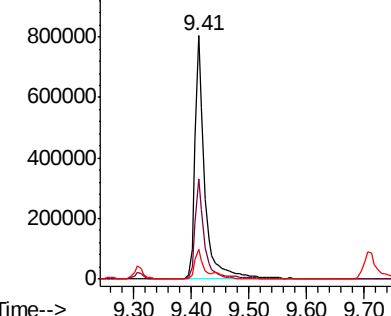
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.2	0.0	34.0

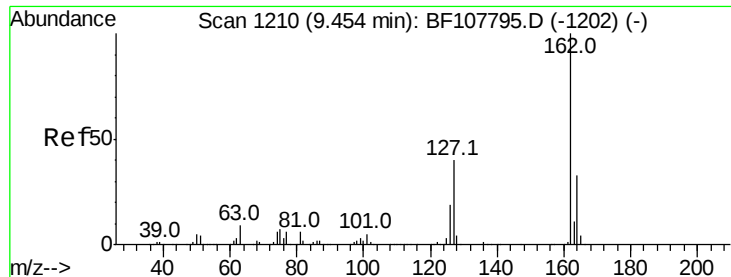
Abundance

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





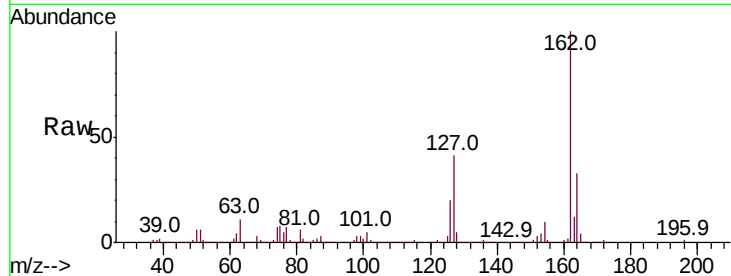
#46
 2-Chloronaphthalene
 Concen: 45.720 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MSD

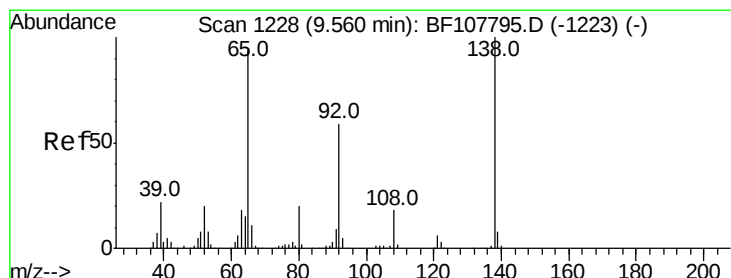
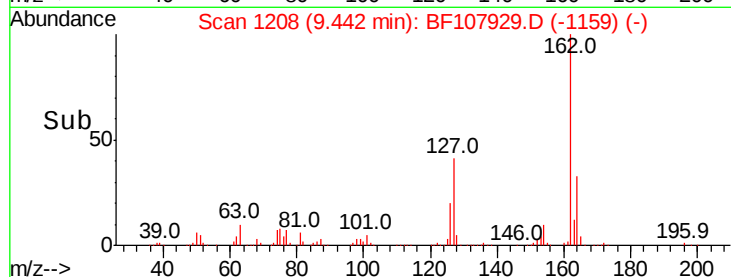
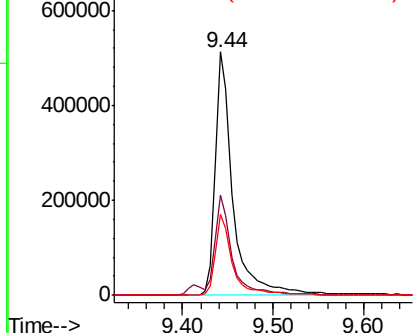
Tot Ion	Ratio	Resp	Lower	Upper
162	100	696195		
127	41.4	33.9	50.9	
164	33.1	26.5	39.7	

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:53:39 PM

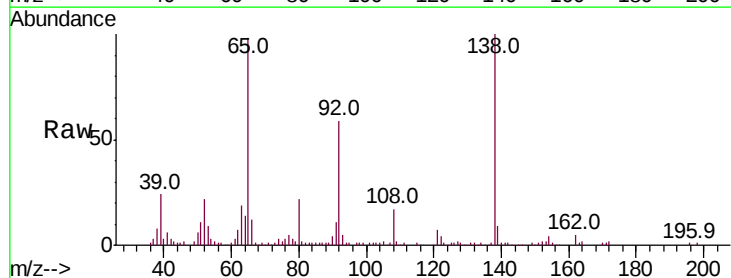


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

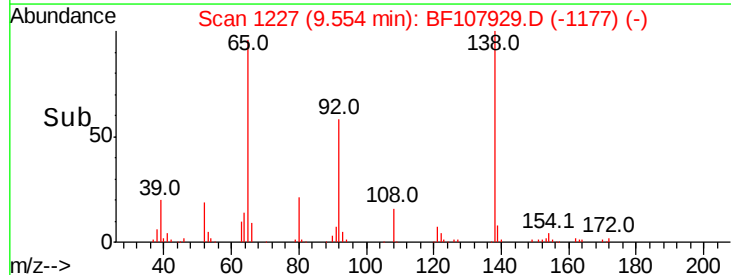
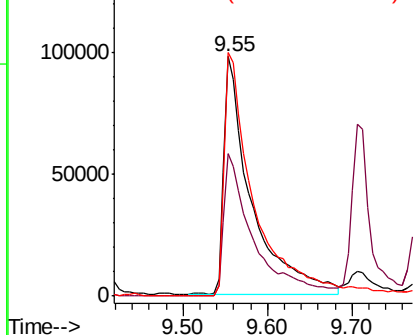


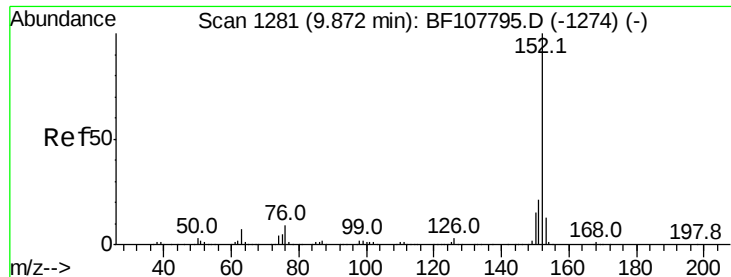
#47
 2-Nitroaniline
 Concen: 44.371 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF107929.D
 Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	219772		
92	59.8	55.8	83.6	
138	101.7	91.2	136.8	



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





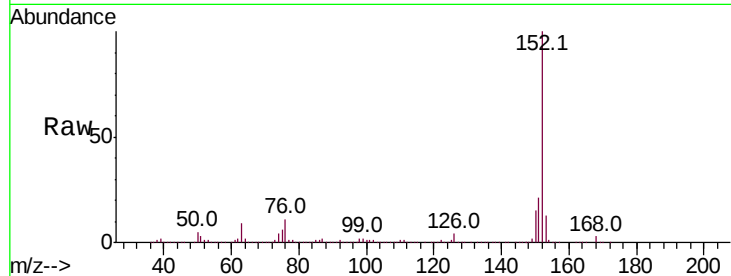
#48
Acenaphthylene
Concen: 46.355 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.0	10.7	16.1

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM

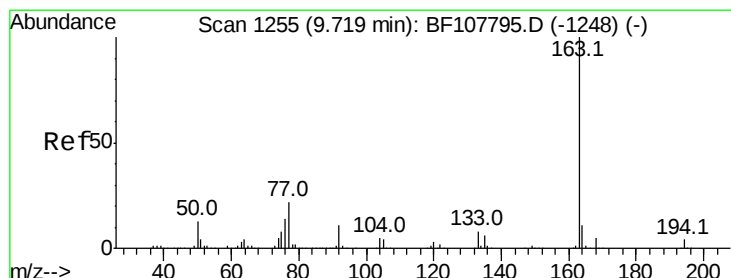
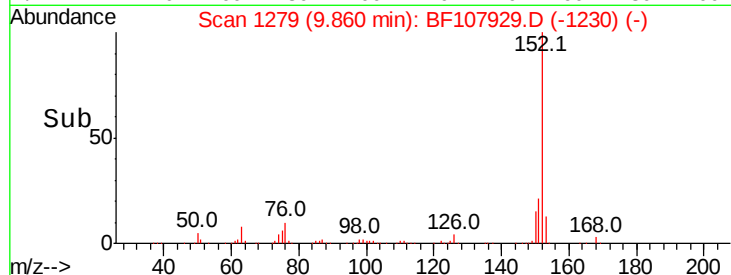
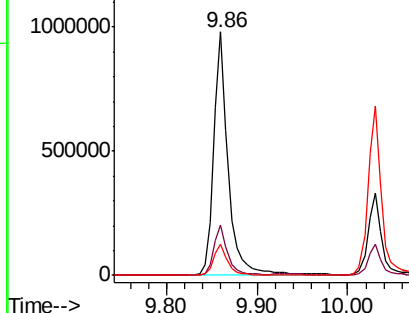


Abundance

Ion 152.00 (151.70 to 152.70): E

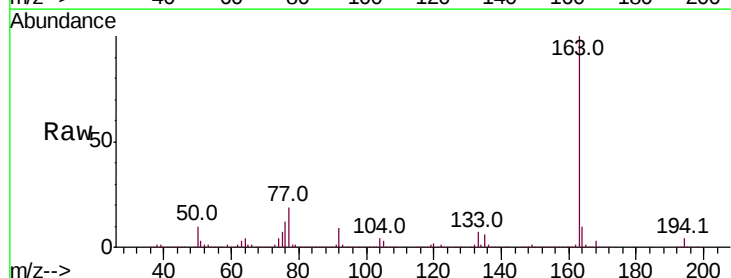
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49
Dimethylphthalate
Concen: 53.712 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

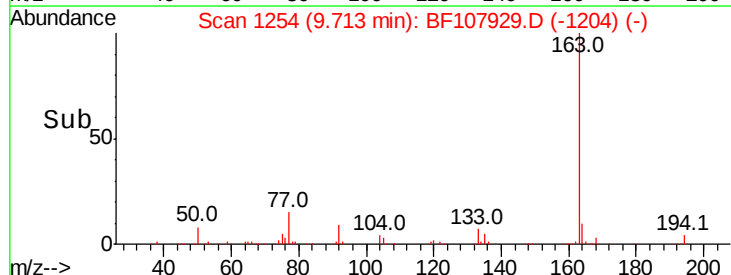
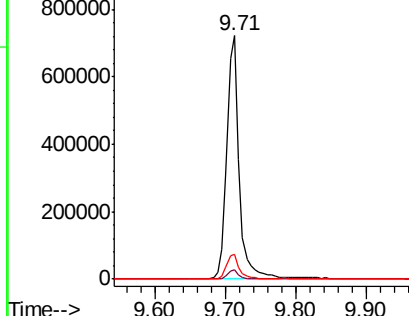


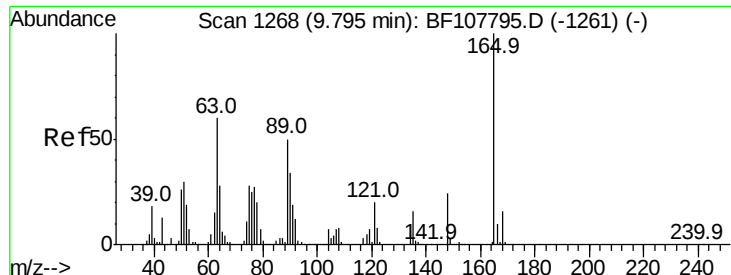
Abundance

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





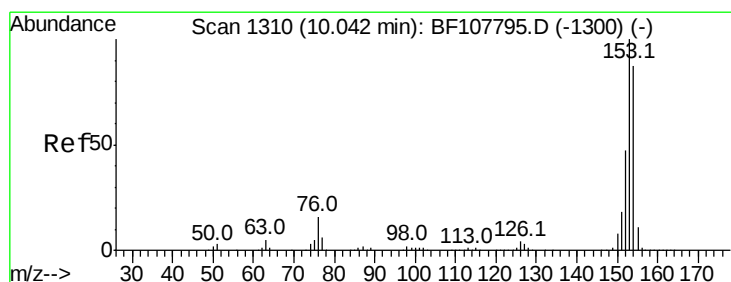
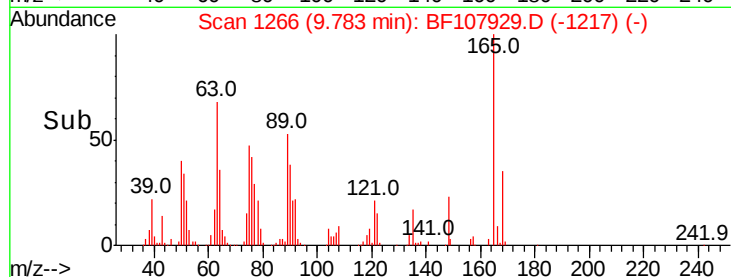
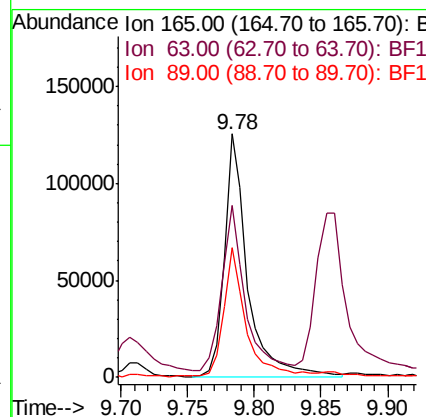
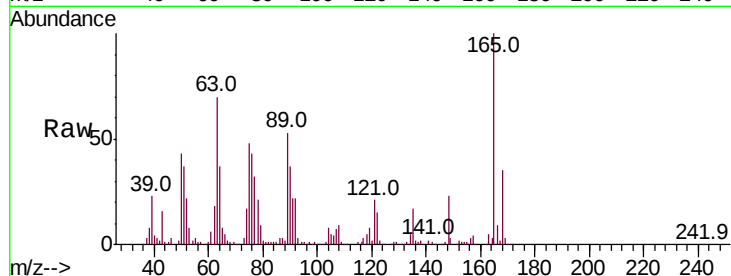
#50
2,6-Dinitrotoluene
Concen: 41.833 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151492		
63	70.5	44.7	67.1#	
89	53.1	44.0	66.0	

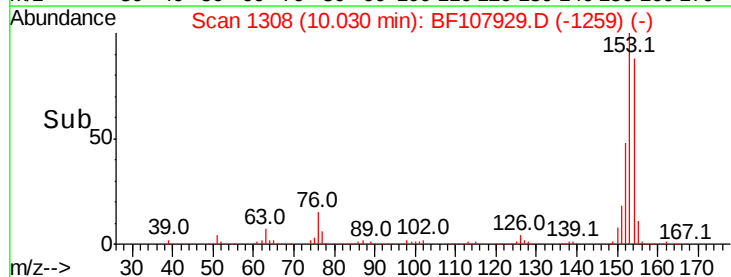
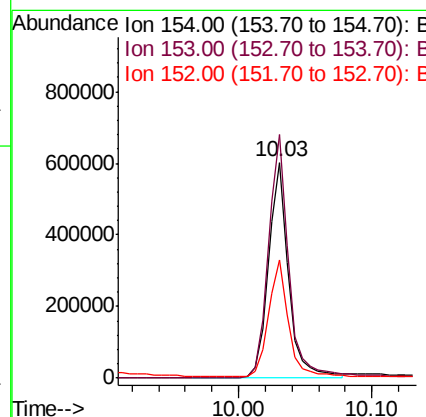
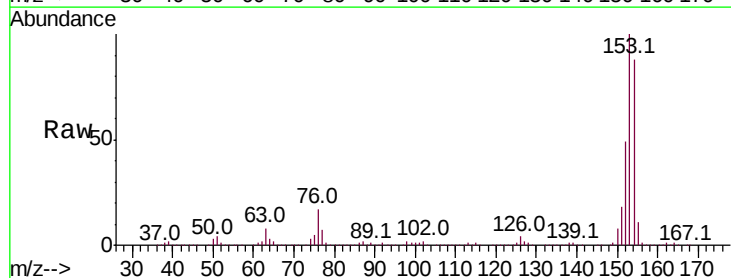
Manual Integrations
APPROVED

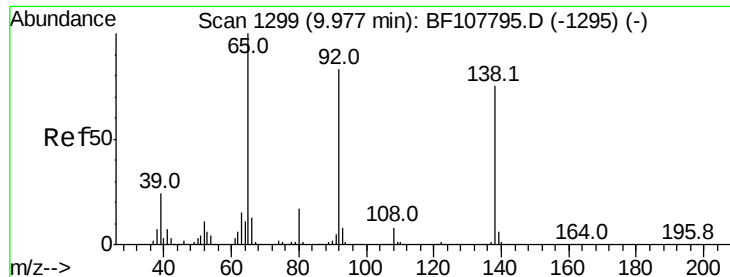
Sohil
8/3/2018 12:53:39 PM



#51
Acenaphthene
Concen: 45.685 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	626494		
153	113.0	91.2	136.8	
152	54.9	43.8	65.8	





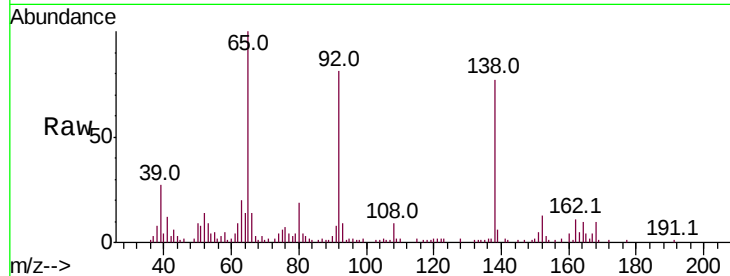
#52
3-Nitroaniline
Concen: 20.729 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.4	14.0
92	104.8	89.4	134.2

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM

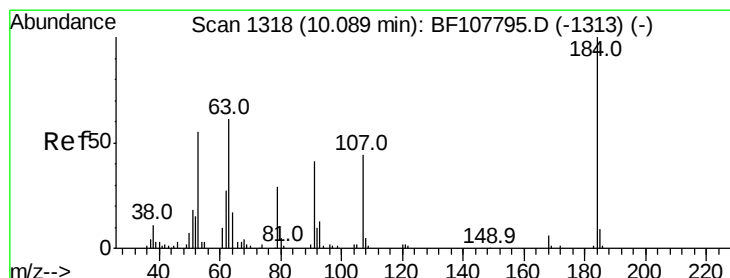
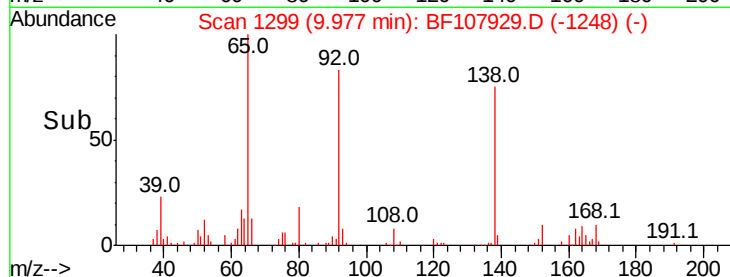
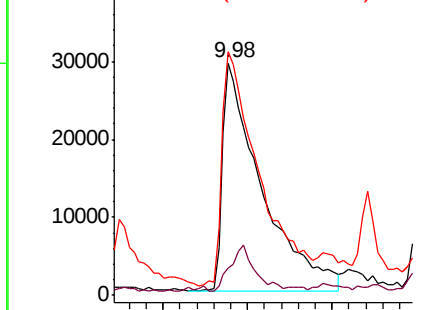


Abundance

Ion 138.00 (137.70 to 138.70): E

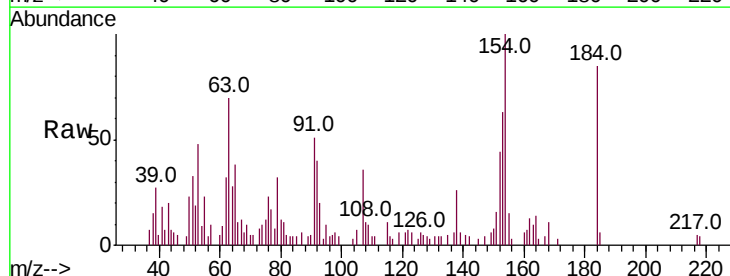
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53
2,4-Dinitrophenol
Concen: 22.465 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.0	54.2	81.2#
154	117.1	184.0	276.0#

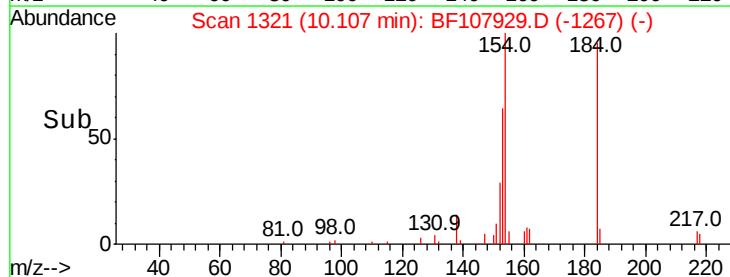
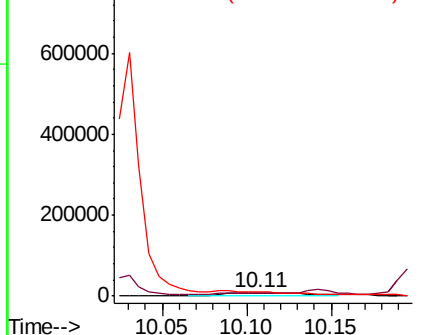


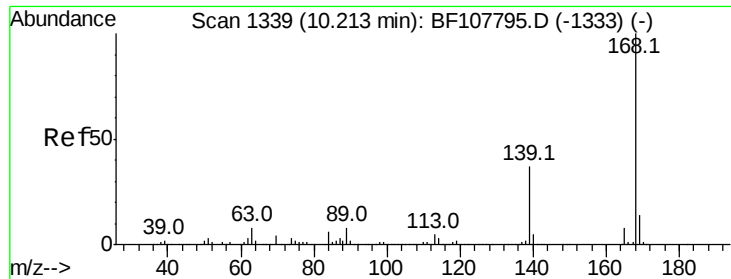
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





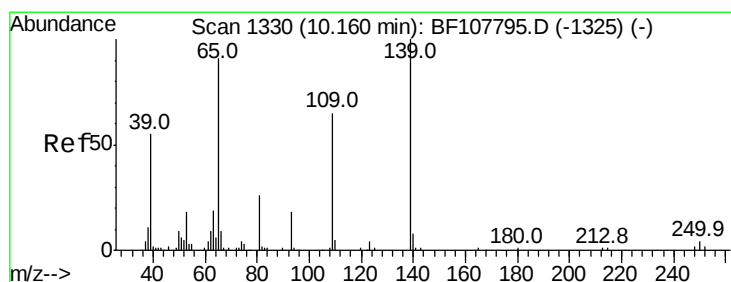
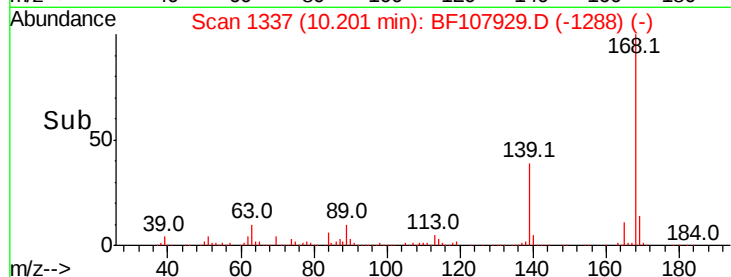
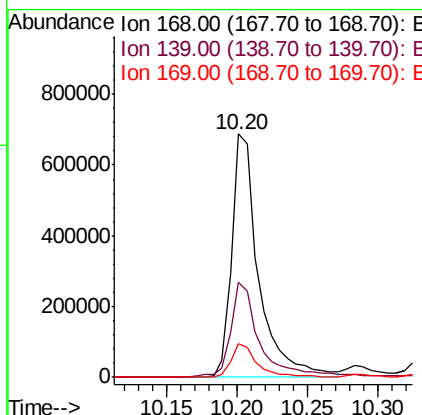
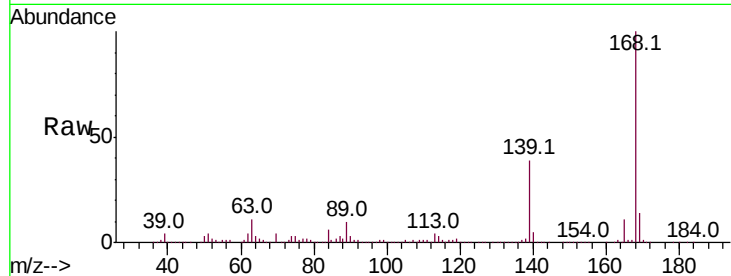
#54
Dibenzenofuran
Concen: 43.335 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	918521		
139	39.1	30.1	45.1	
169	13.7	10.9	16.3	

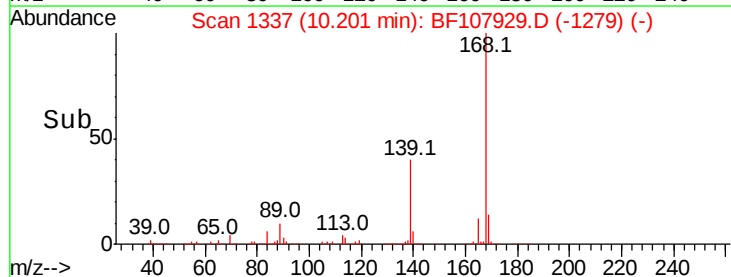
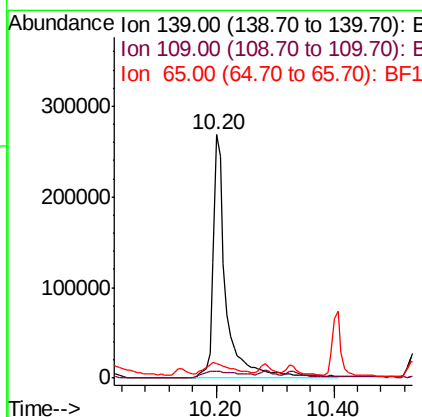
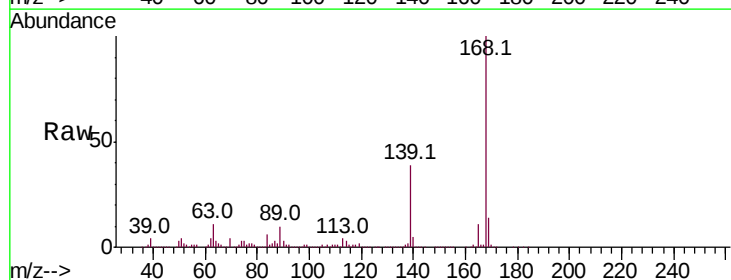
Manual Integrations
APPROVED

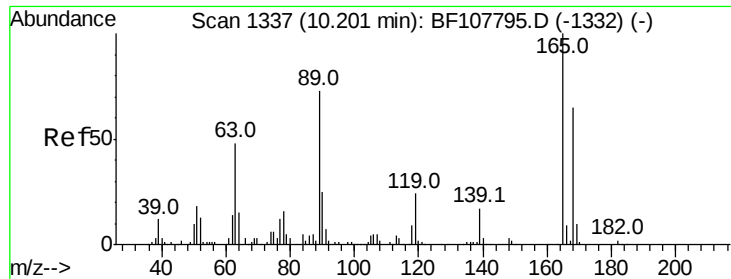
Sohil
8/3/2018 12:53:39 PM



#55
4-Nitrophenol
Concen: 177.173 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.04 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	408005		
109	2.8	48.4	88.4#	
65	6.0	72.6	112.6#	





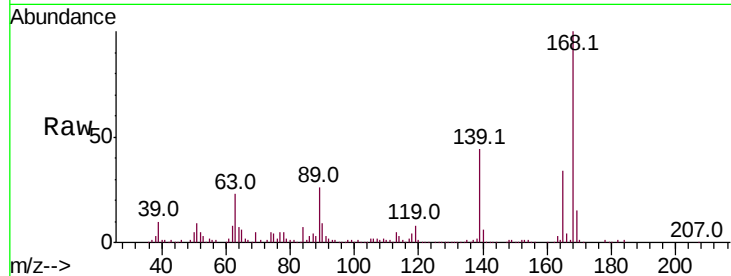
#56
2,4-Dinitrotoluene
Concen: 36.759 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	174965		
63	65.5	36.4	54.6#	
89	75.5	57.8	86.6	
182	2.4	1.6	2.4#	

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



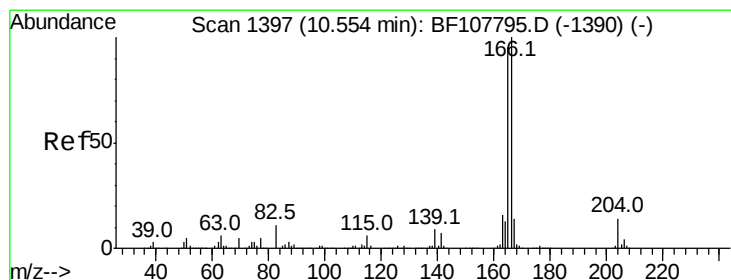
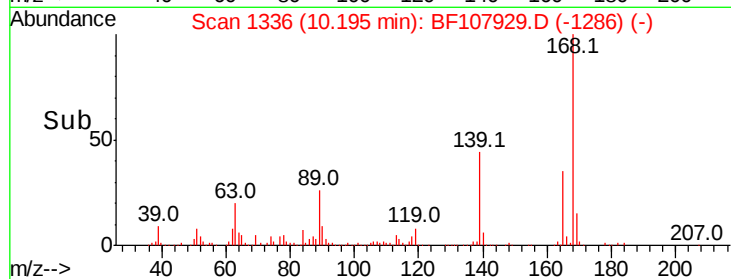
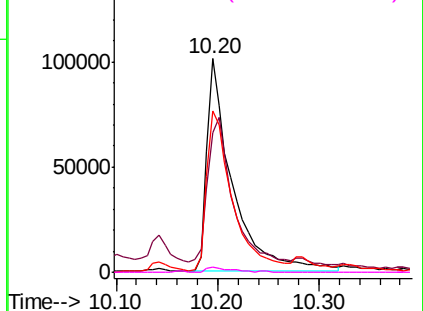
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 45.090 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

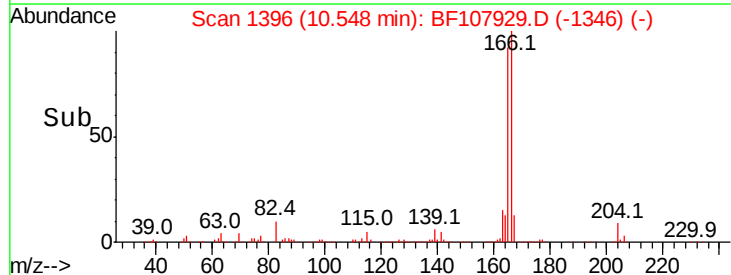
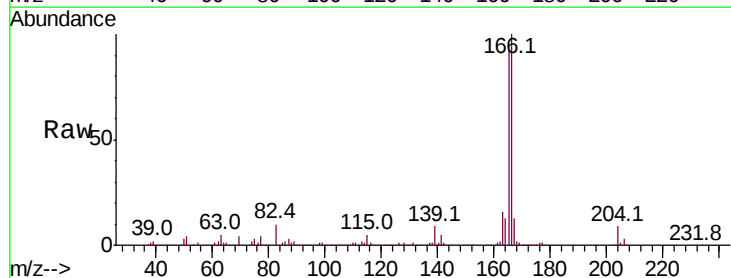
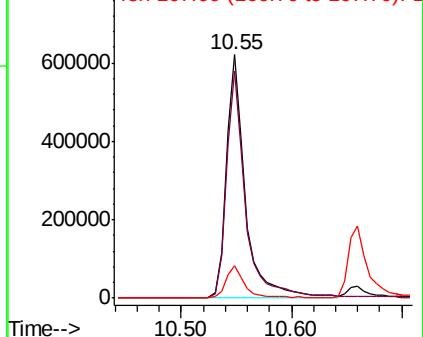
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	742740		
165	93.1	79.8	119.8	
167	13.2	10.6	16.0	

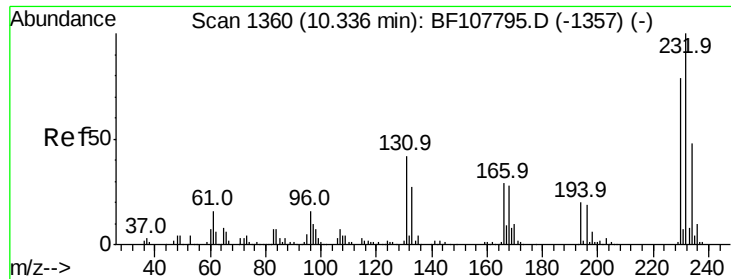
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 42.958 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

GW-03MSD

Tot Ion:232 Resp: 198658

Ion Ratio Lower Upper

232 100

131 32.8 43.8 65.8#

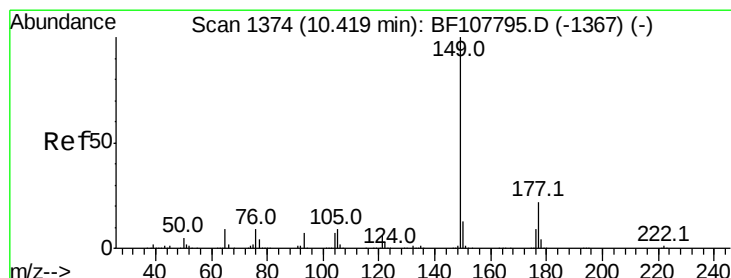
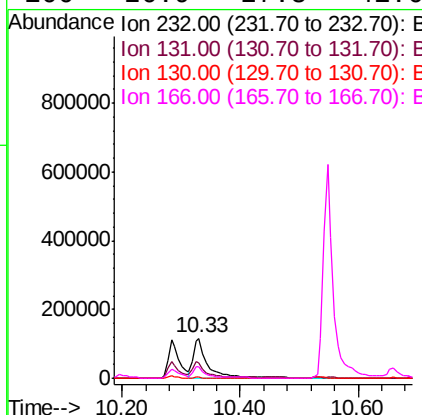
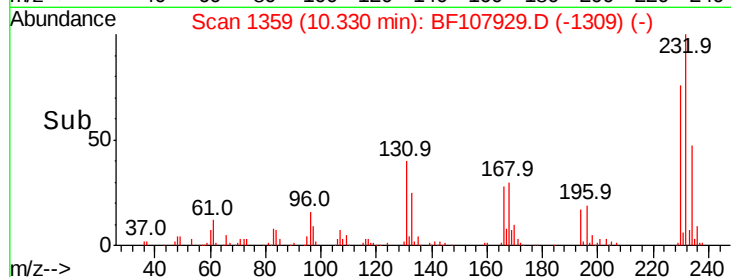
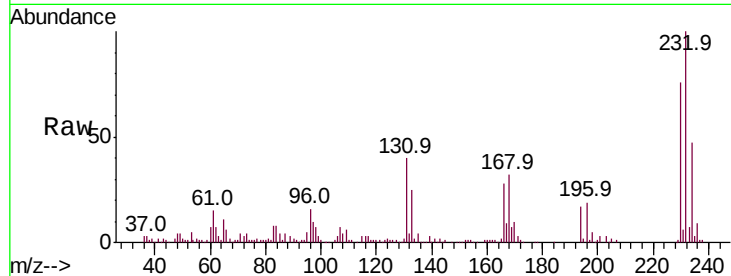
130 2.2 2.1 3.1

166 26.9 27.8 41.6#

Manual Integrations
APPROVED

Sohil

8/3/2018 12:53:39 PM



#59

Diethylphthalate

Concen: 44.384 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

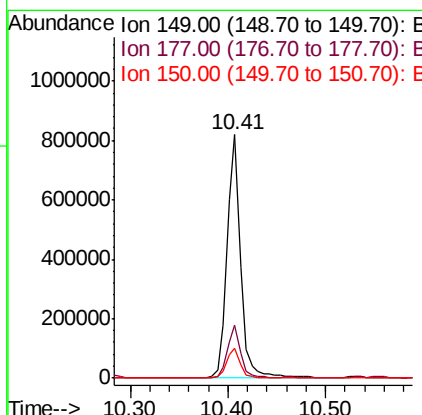
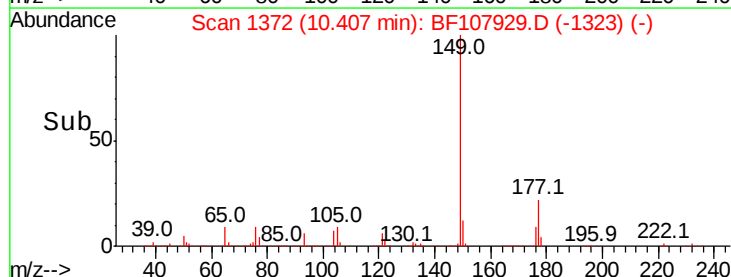
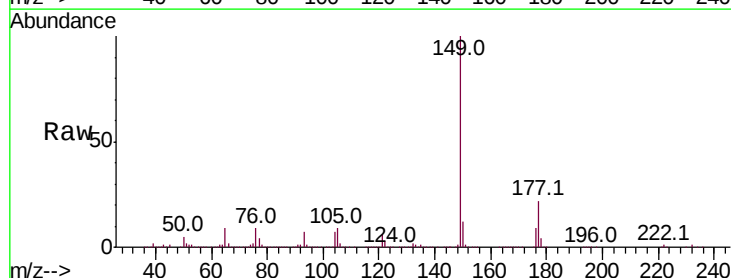
Tgt Ion:149 Resp: 795208

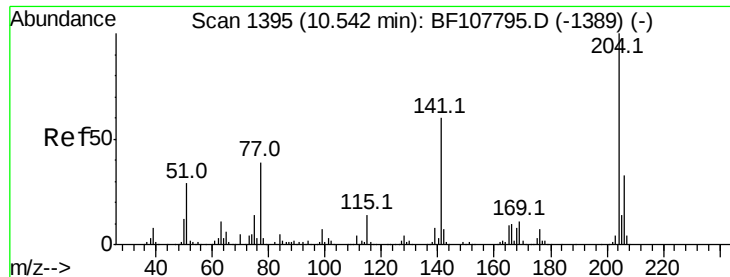
Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

150 12.5 10.1 15.1





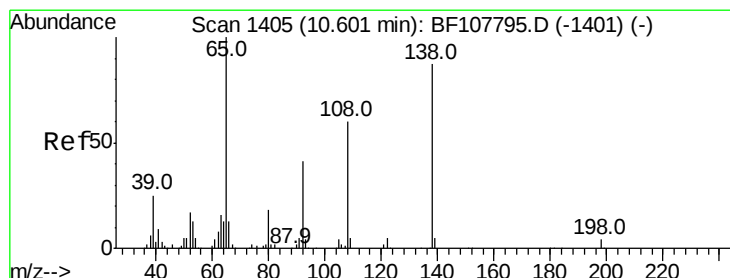
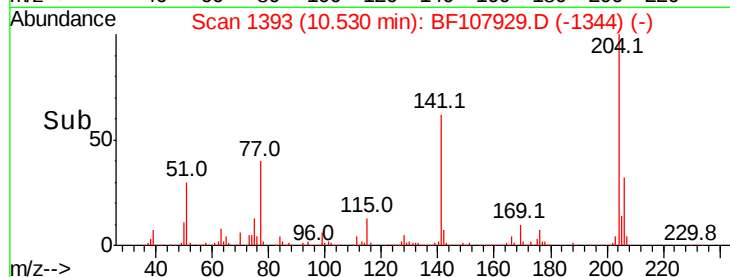
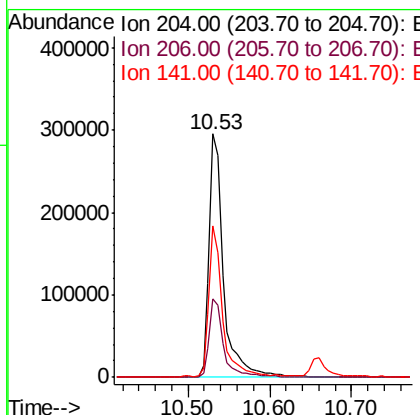
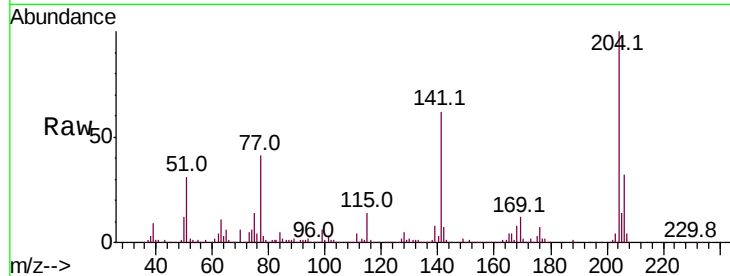
#60
4-Chlorophenyl-phenylether
Concen: 40.435 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	62.3	54.6	81.8

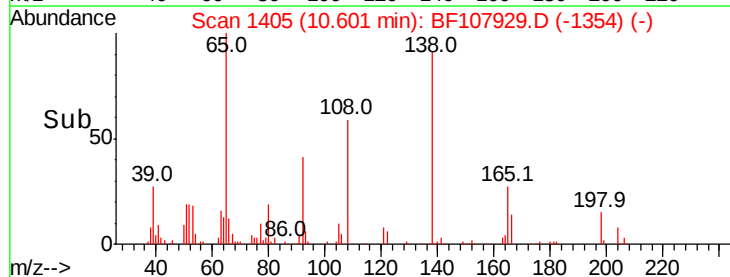
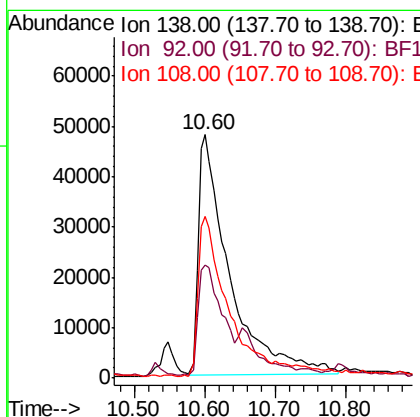
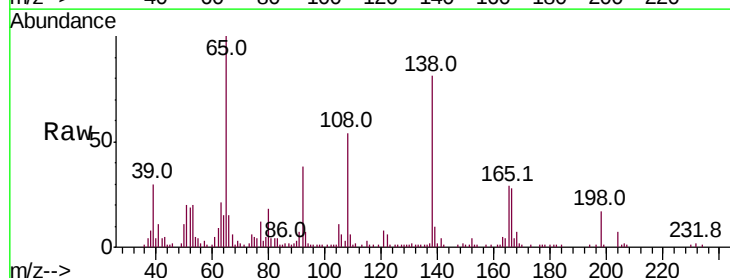
Manual Integrations
APPROVED

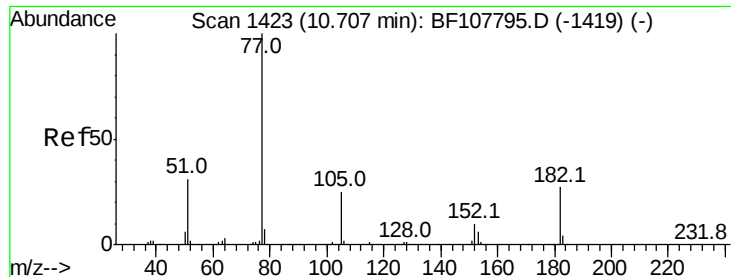
Sohil
8/3/2018 12:53:39 PM



#61
4-Nitroaniline
Concen: 36.358 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	66.5	52.5	92.5





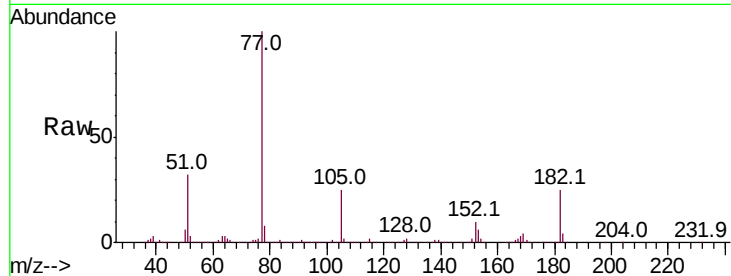
#62
Azobenzene
Concen: 42.819 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

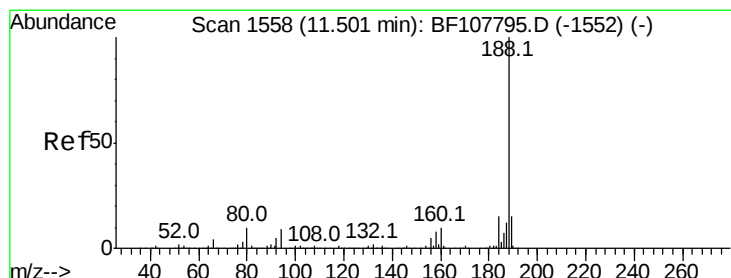
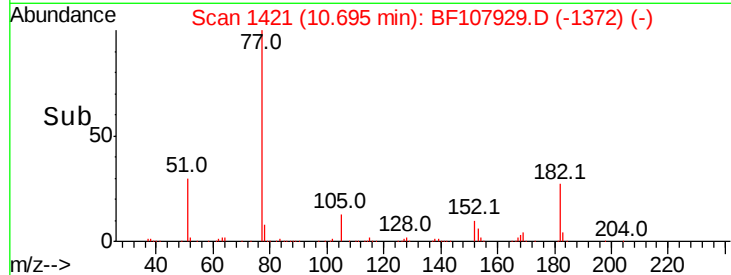
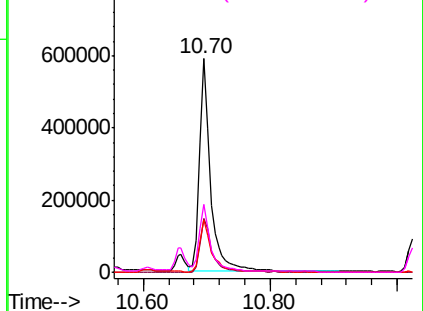
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	24.6	3.0	43.0
51	32.1	9.9	49.9

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



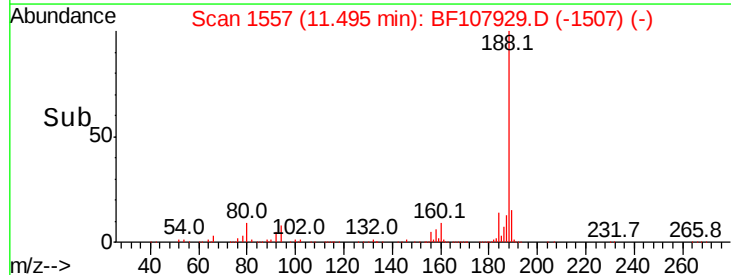
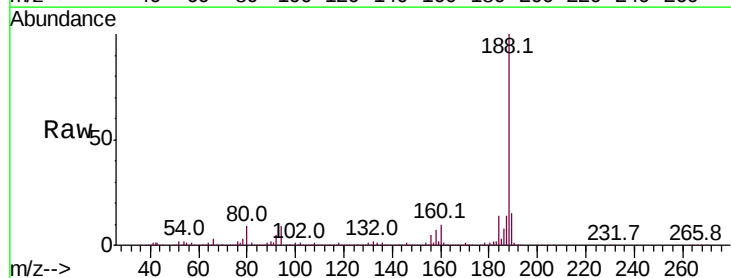
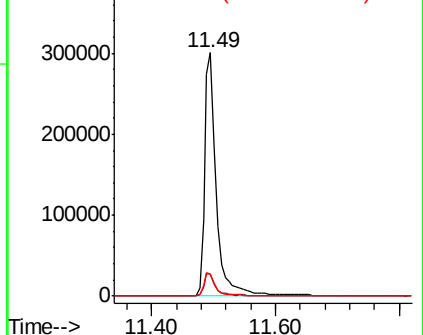
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

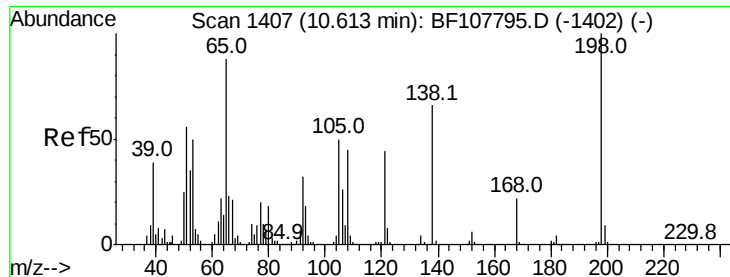


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.3	9.2	13.8

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





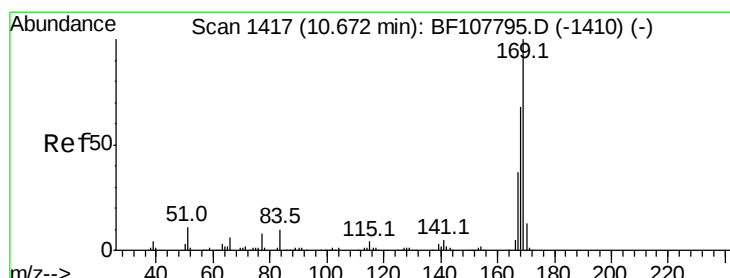
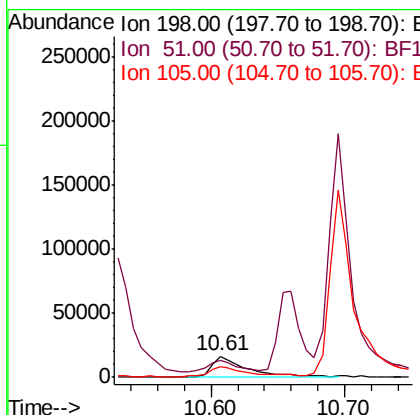
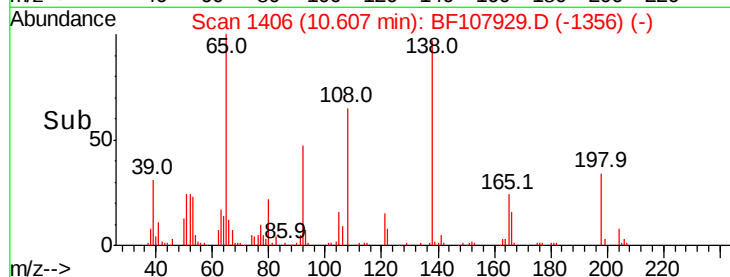
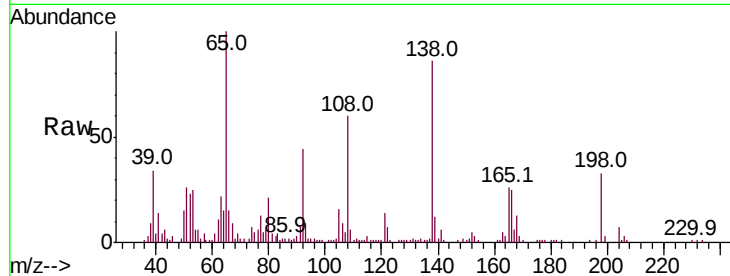
#64
4,6-Dinitro-2-methylphenol
Concen: 14.323 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	79.8	37.7	77.7#
105	50.0	36.3	76.3

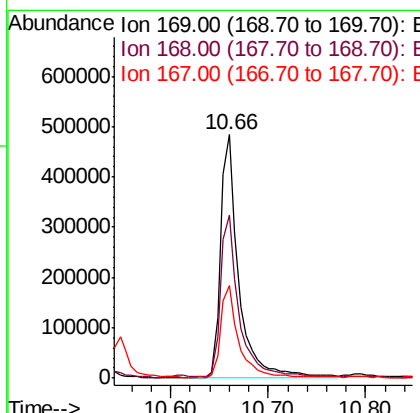
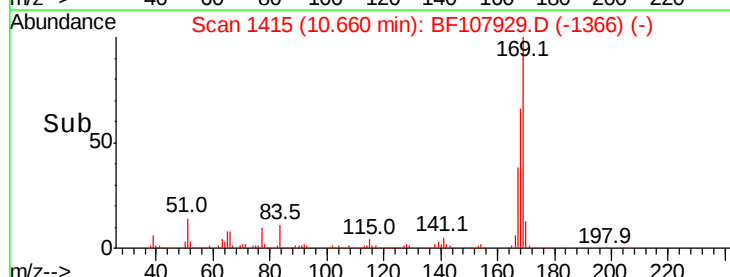
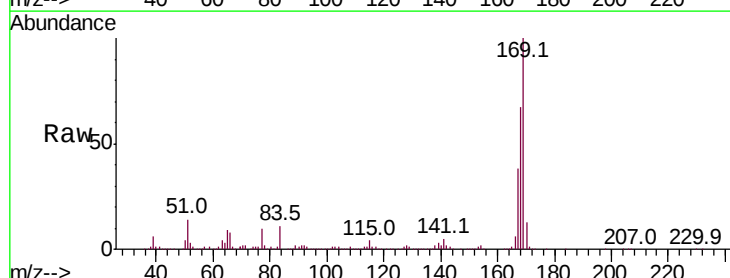
Manual Integrations
APPROVED

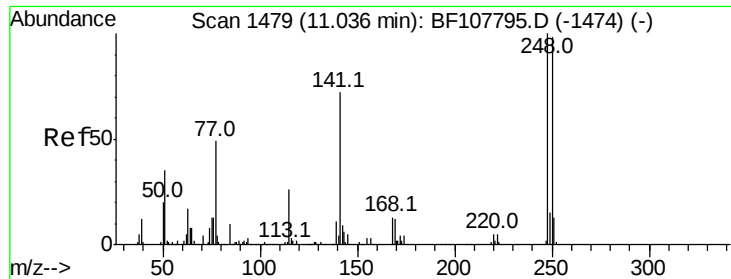
Sohil
8/3/2018 12:53:39 PM



#65
n-Nitrosodiphenylamine
Concen: 47.261 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	38.0	29.8	44.6





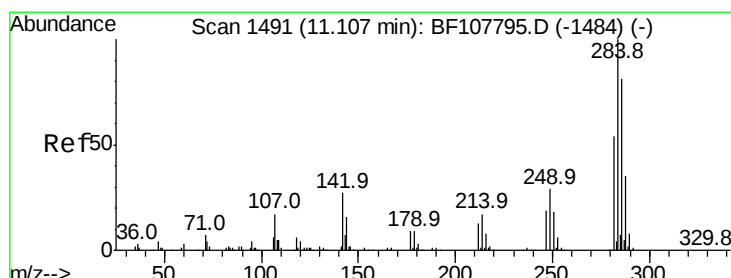
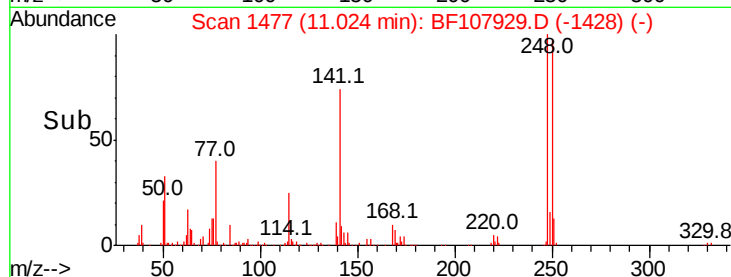
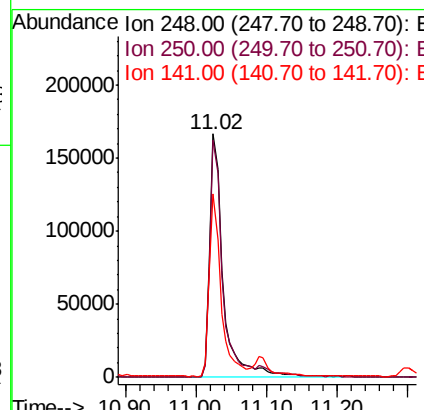
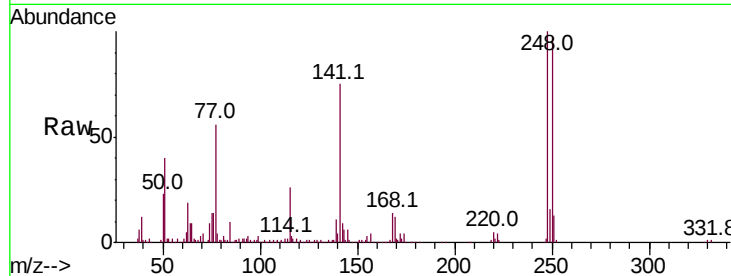
#66
4-Bromophenyl-phenylether
Concen: 47.719 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	75.3	74.4	111.6

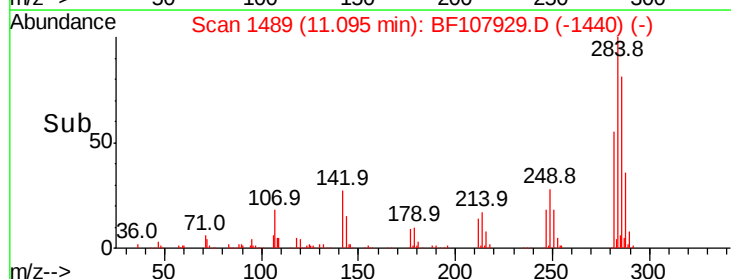
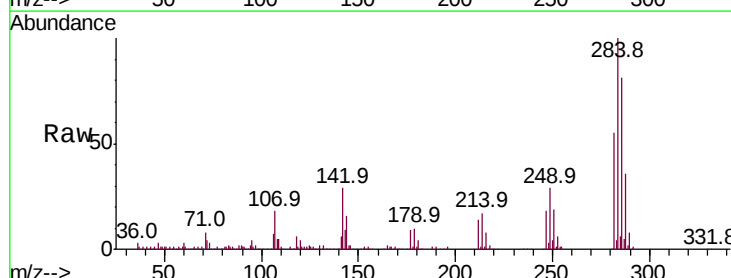
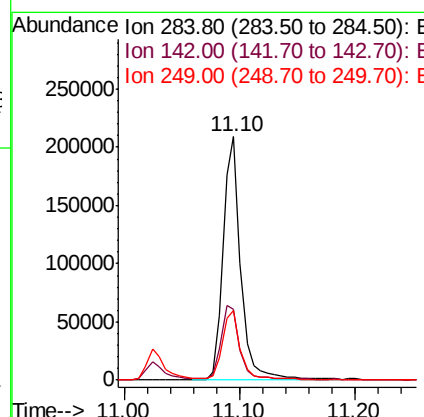
Manual Integrations
APPROVED

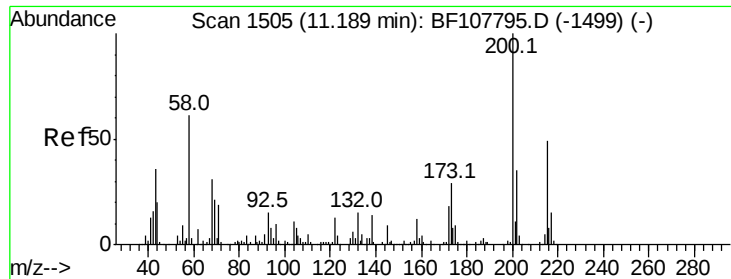
Sohil
8/3/2018 12:53:39 PM



#67
Hexachlorobenzene
Concen: 43.124 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	34.6	52.0#
249	28.5	24.8	37.2





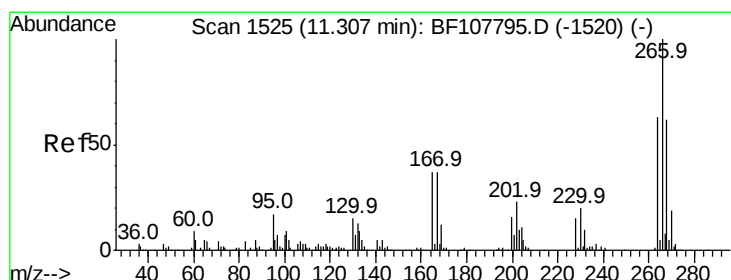
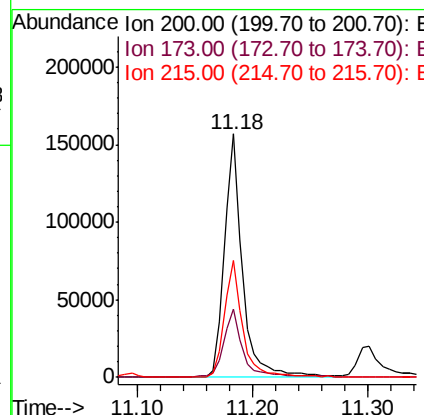
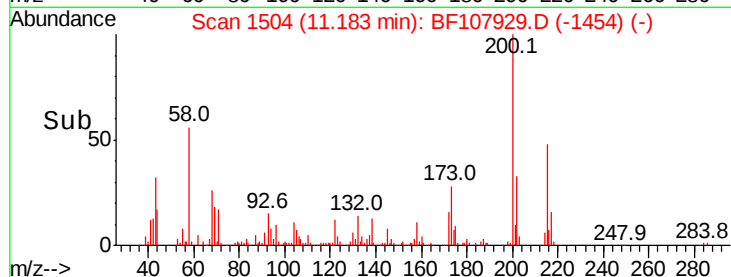
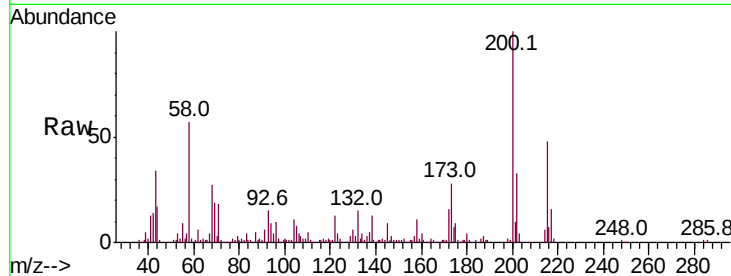
#68
Atrazine
Concen: 43.962 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	171019		
173	27.8	8.6	48.6	
215	47.8	25.1	65.1	

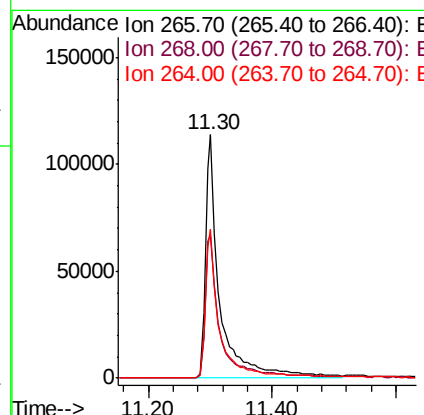
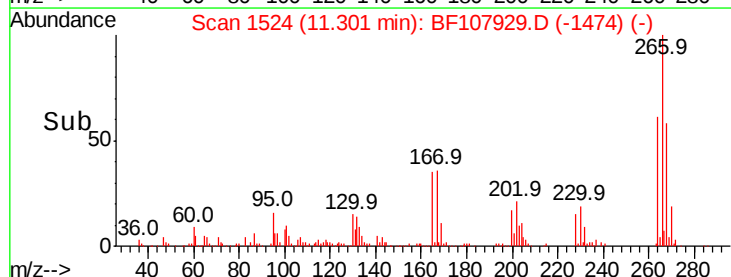
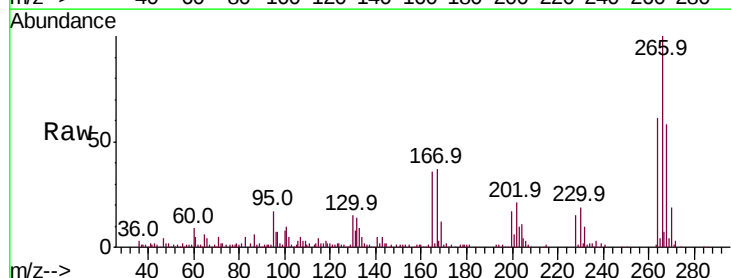
Manual Integrations
APPROVED

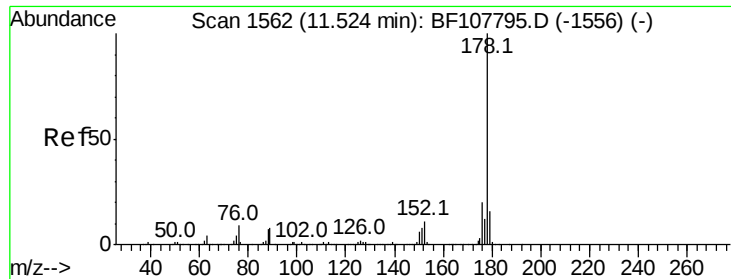
Sohil
8/3/2018 12:53:39 PM



#69
Pentachlorophenol
Concen: 74.357 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	188852		
268	58.3	51.1	76.7	
264	61.4	49.5	74.3	





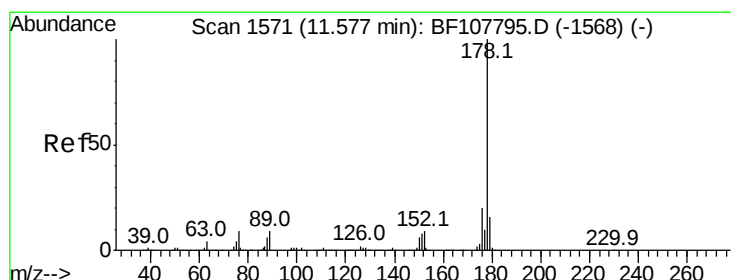
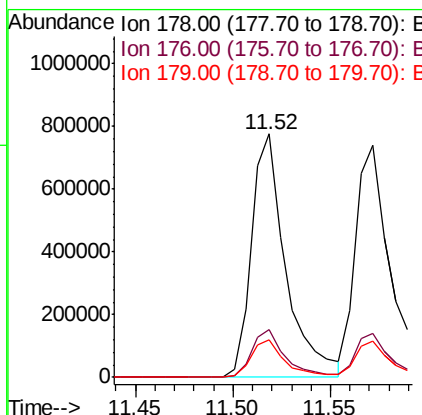
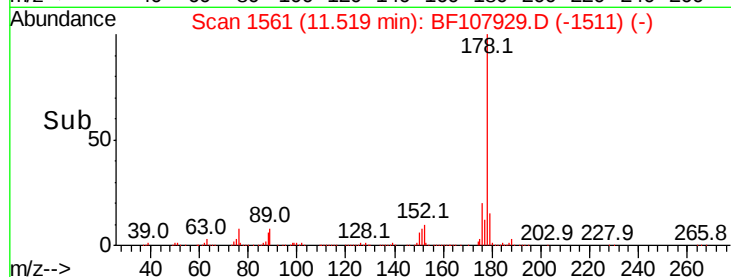
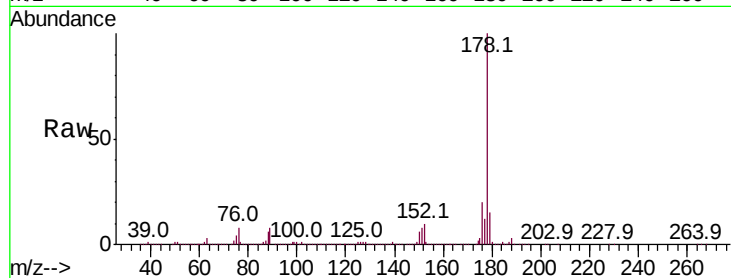
#70
Phenanthrene
Concen: 50.012 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6

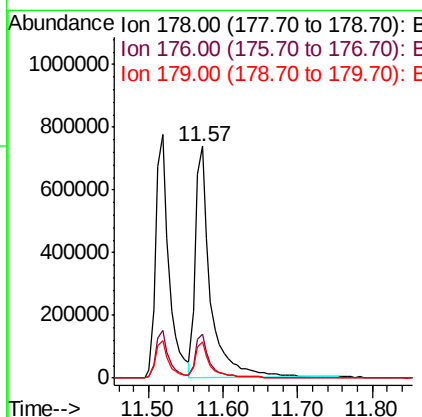
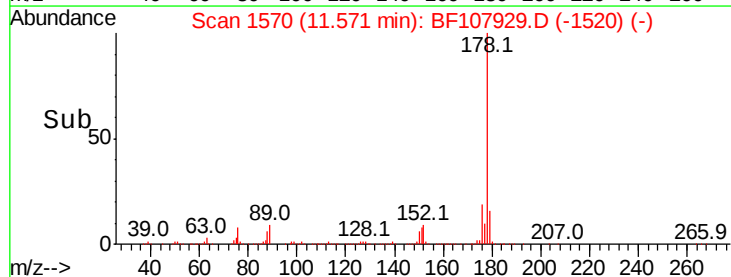
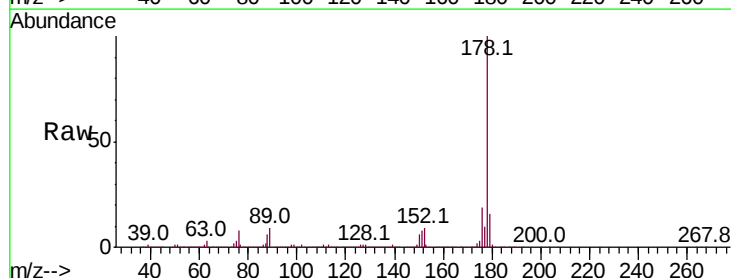
Manual Integrations
APPROVED

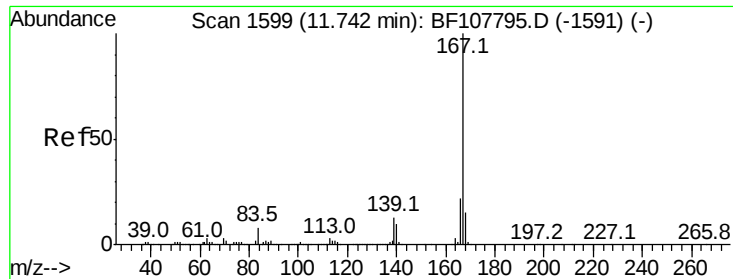
Sohil
8/3/2018 12:53:39 PM



#71
Anthracene
Concen: 47.957 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	19.0





#72

Carbazole

Concen: 45.508 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

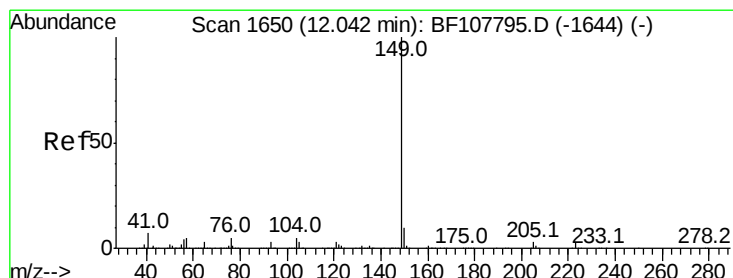
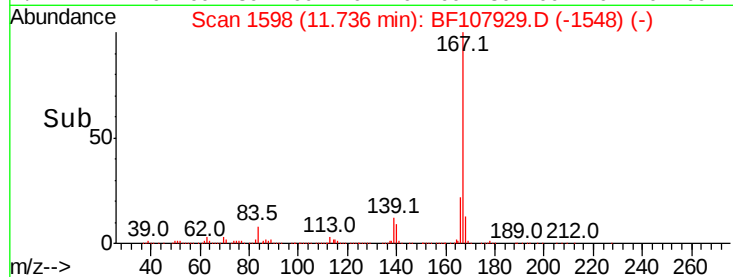
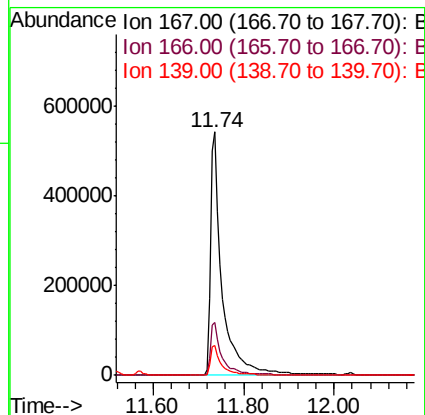
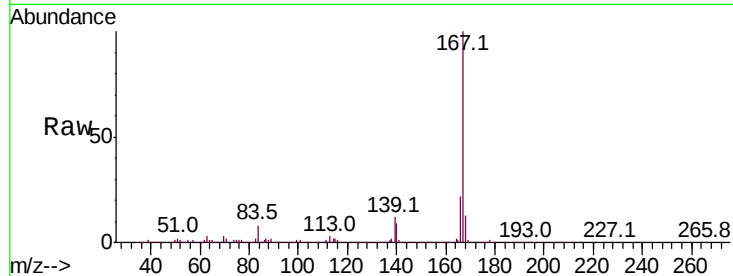
ClientSampleId :

GW-03MSD

Tot Ion:	167	Resp:	983201
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	12.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#73

Di-n-butylphthalate

Concen: 46.826 ng

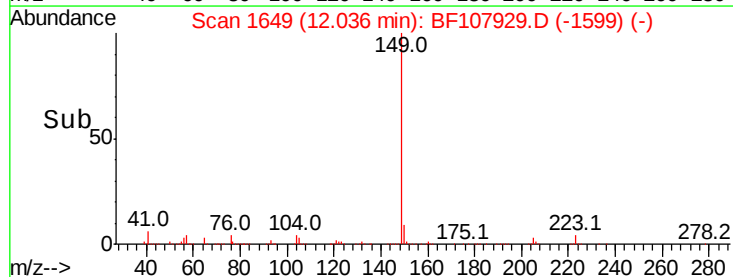
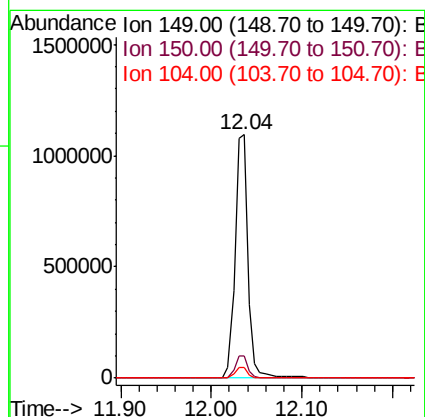
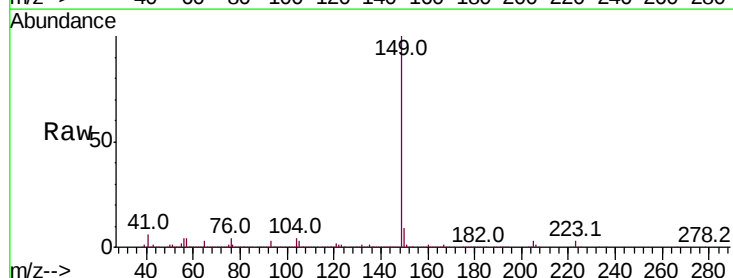
RT: 12.04 min Scan# 1649

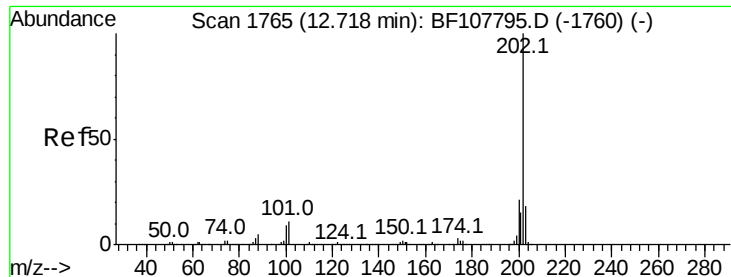
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	149	Resp:	1103697
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.1	3.8	5.8





#74

Fluoranthene

Concen: 48.713 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

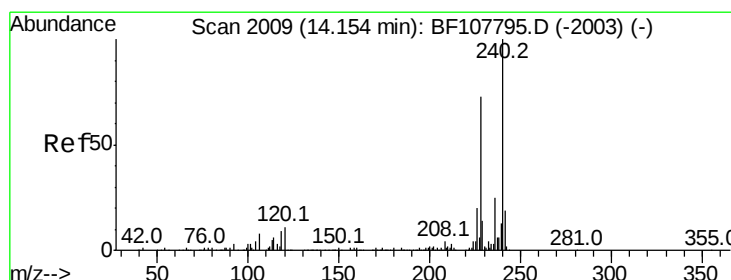
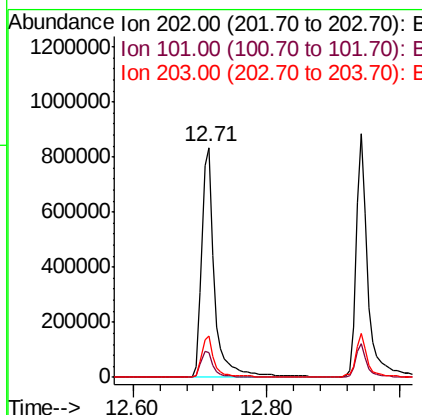
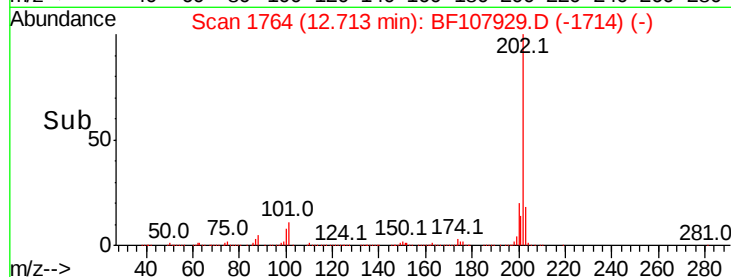
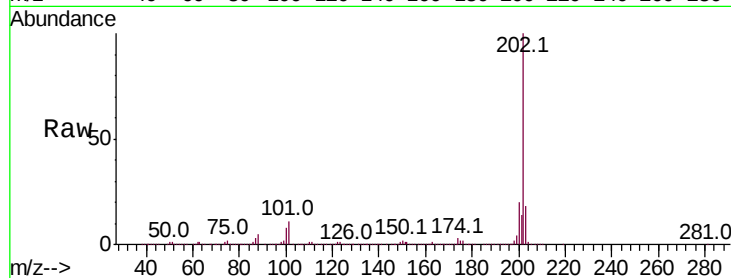
ClientSampleId :

GW-03MSD

Tot Ion:	202	Resp:	1084716
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#75

Chrysene-d12

Concen: 20.000 ng

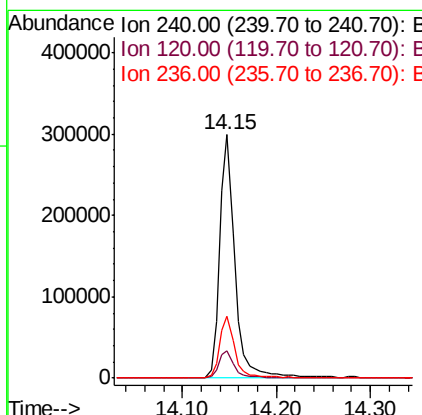
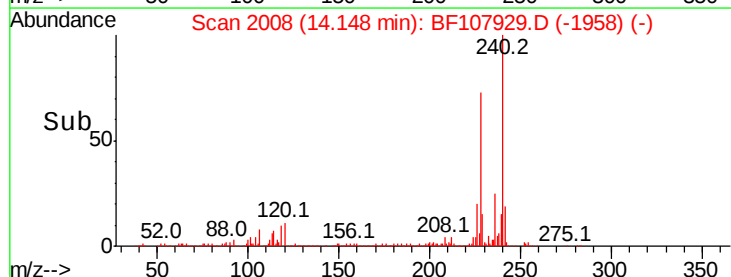
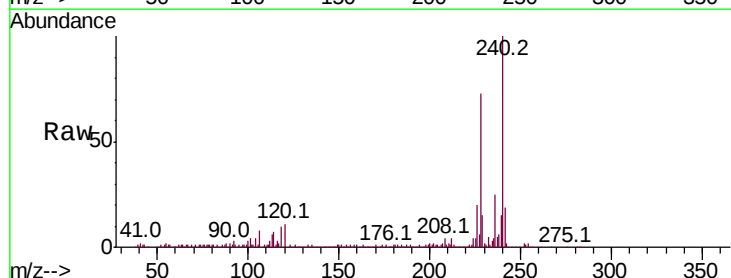
RT: 14.15 min Scan# 2008

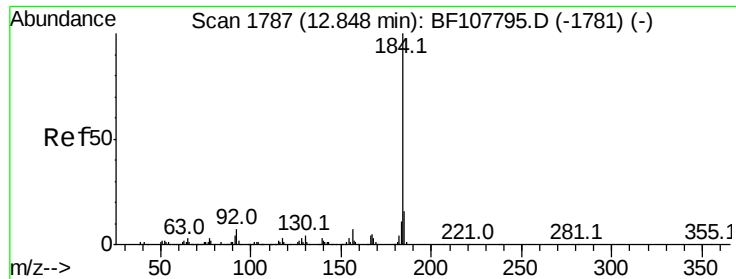
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	240	Resp:	341304
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.2	20.7	31.1





#76

Benzidine

Concen: 2.094 ng/mL

RT: 12.87 min Scan# 1791

Delta R.T. 0.02 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

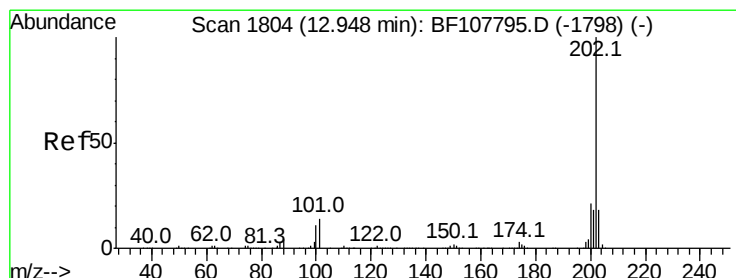
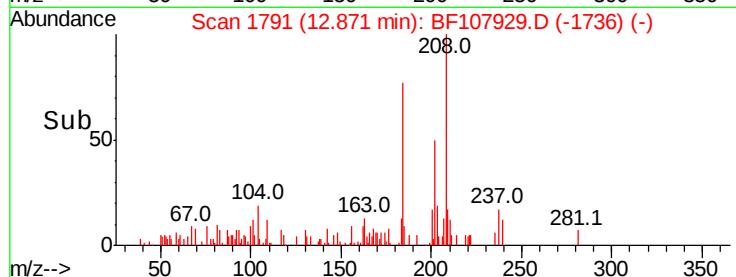
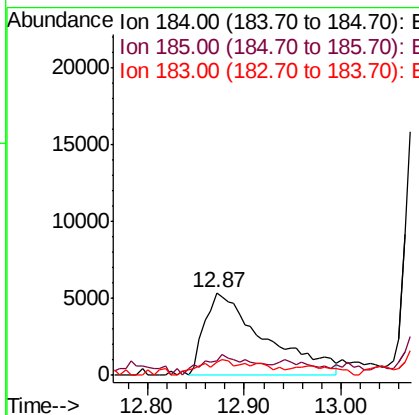
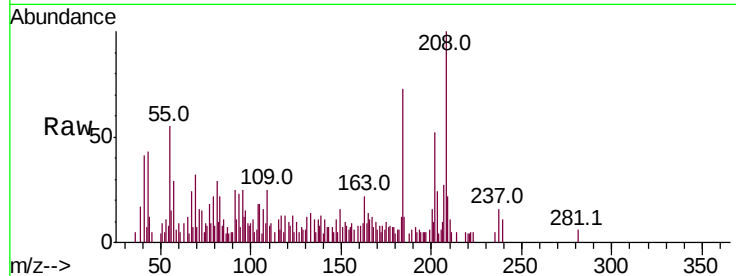
ClientSampleId :

GW-03MSD

Tot Ion:	184	Resp:	23106
Ion Ratio	Lower	Upper	
184	100		
185	17.0	12.6	18.8
183	16.5	9.3	13.9

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#77

Pyrene

Concen: 43.477 ng

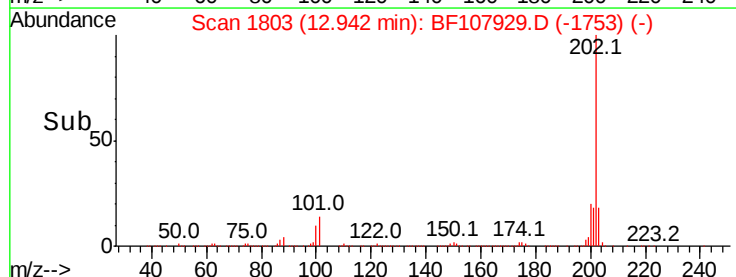
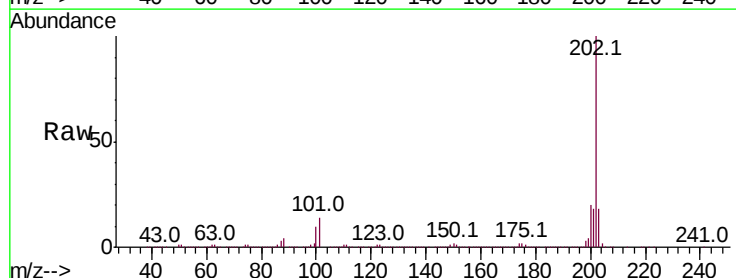
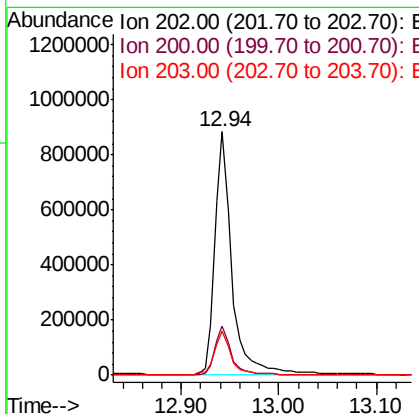
RT: 12.94 min Scan# 1803

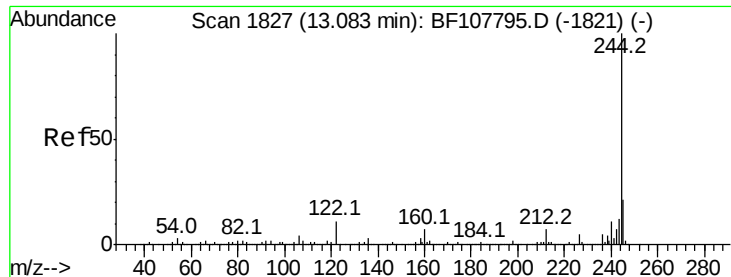
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	202	Resp:	1068520
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 88.079 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

GW-03MSD

Tot Ion:244 Resp: 1386342

Ion Ratio Lower Upper

244 100

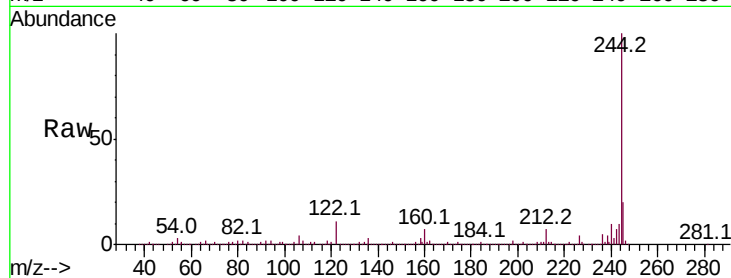
212 6.6 5.4 8.0

122 11.4 11.0 16.4

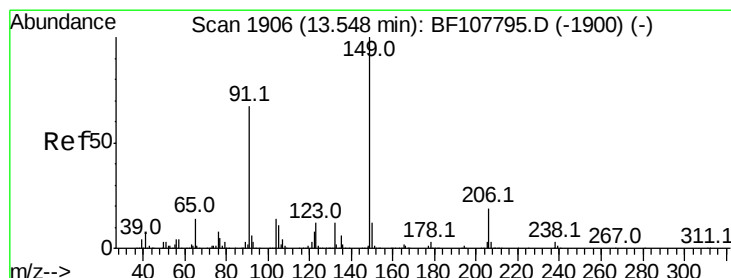
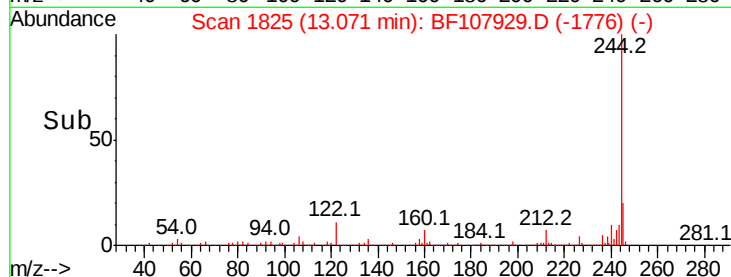
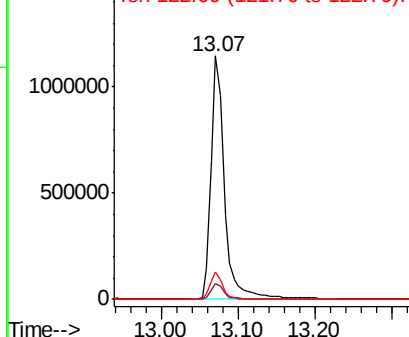
Manual Integrations
APPROVED

Sohil

8/3/2018 12:53:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.876 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

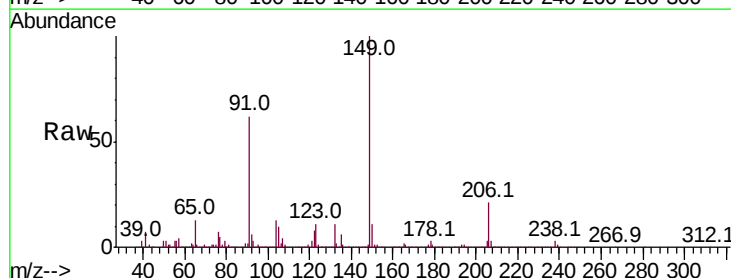
Tgt Ion:149 Resp: 472212

Ion Ratio Lower Upper

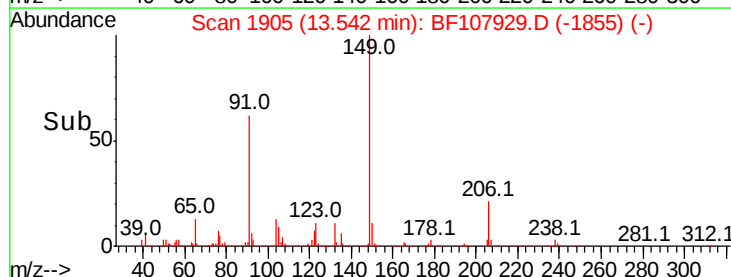
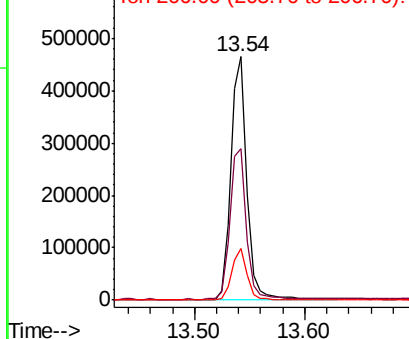
149 100

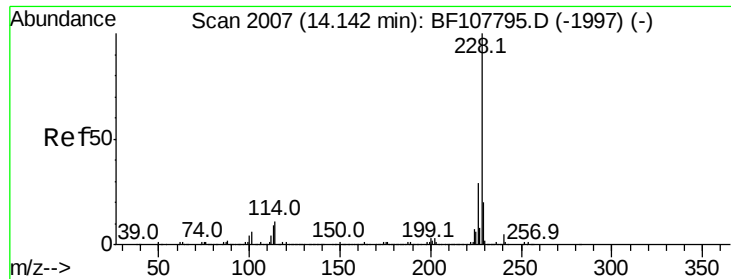
91 62.0 56.8 85.2

206 21.2 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





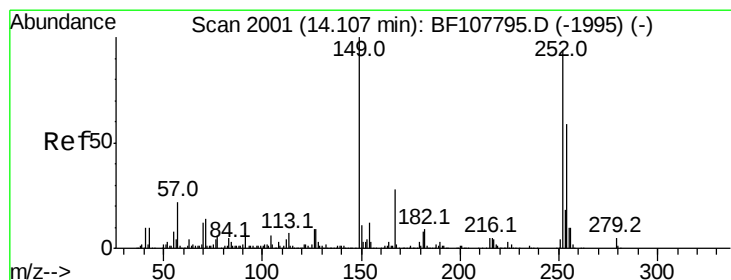
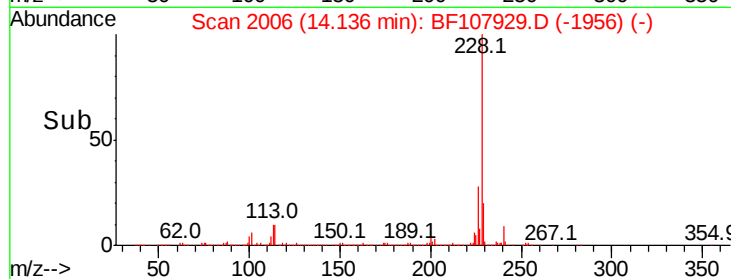
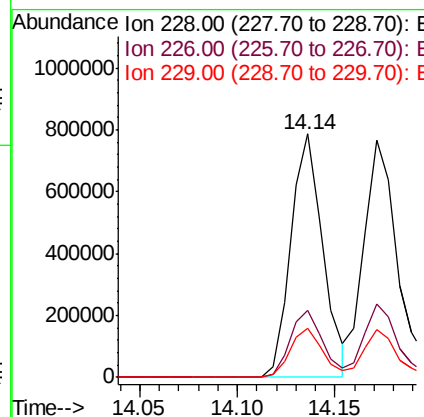
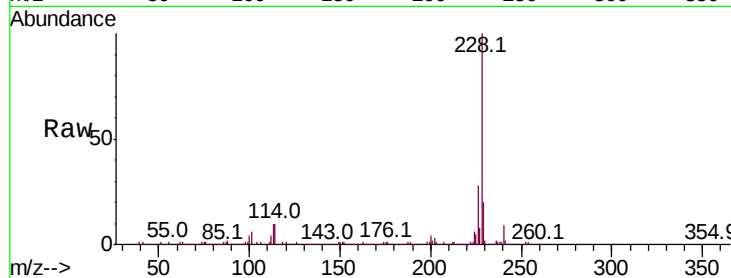
#80
Benzo(a)anthracene
Concen: 46.287 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampled :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	15.8	23.6

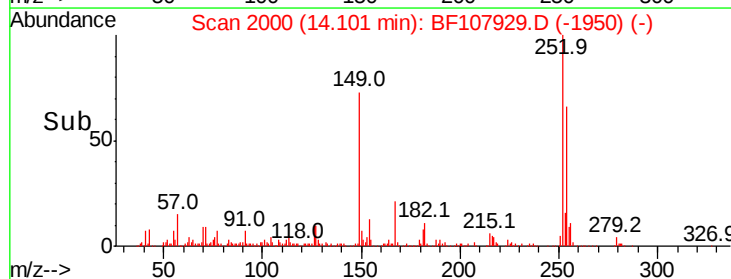
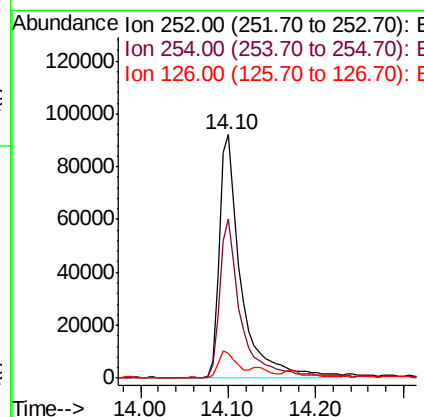
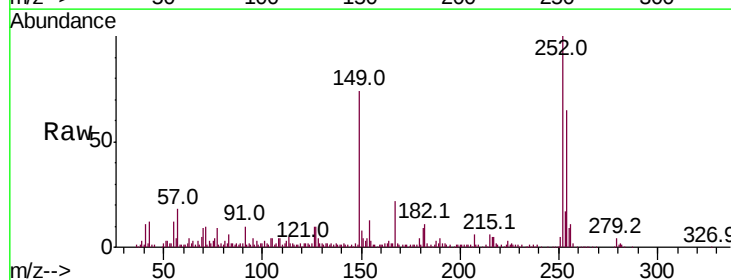
Manual Integrations
APPROVED

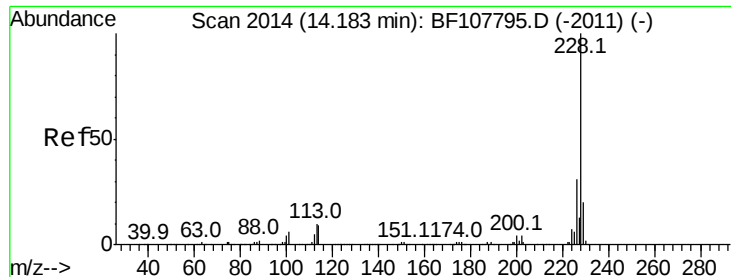
Sohil
8/3/2018 12:53:39 PM



#81
3,3'-Dichlorobenzidine
Concen: 21.238 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.1	11.3	16.9#





#82

Chrysene

Concen: 48.817 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

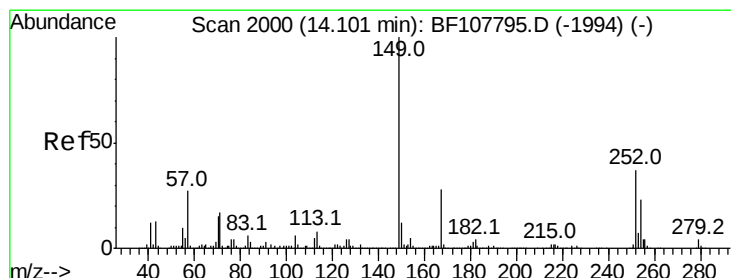
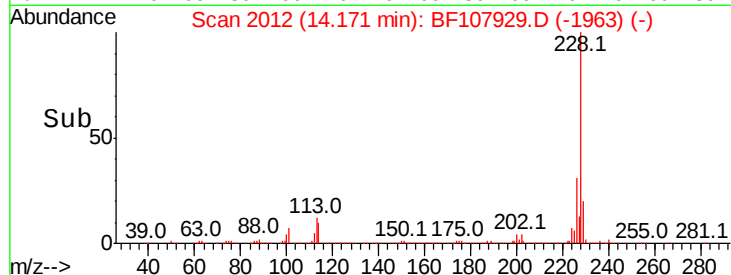
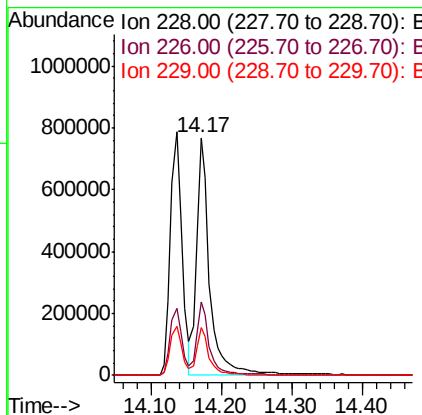
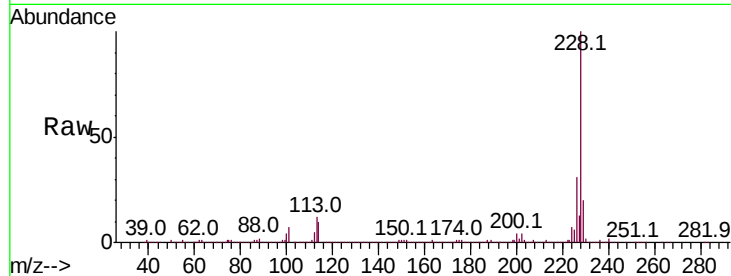
ClientSampled :

GW-03MSD

Tot Ion:	228	Resp:	1017987
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.371 ng

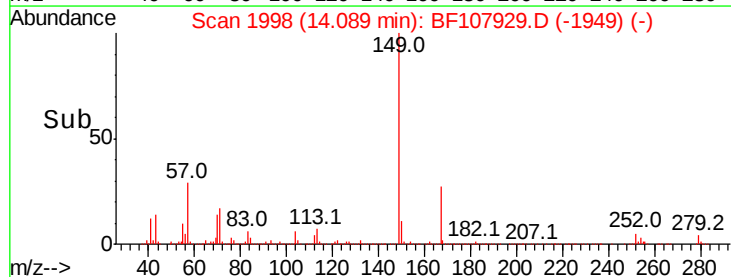
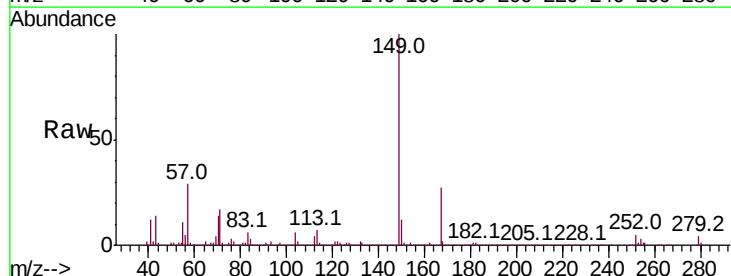
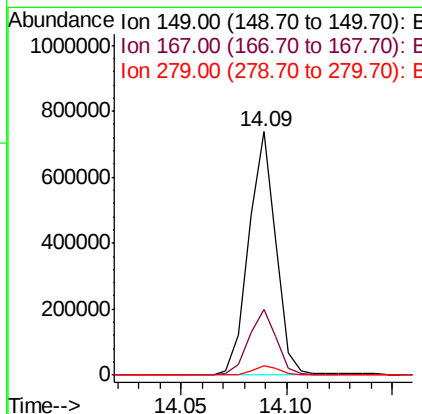
RT: 14.09 min Scan# 1998

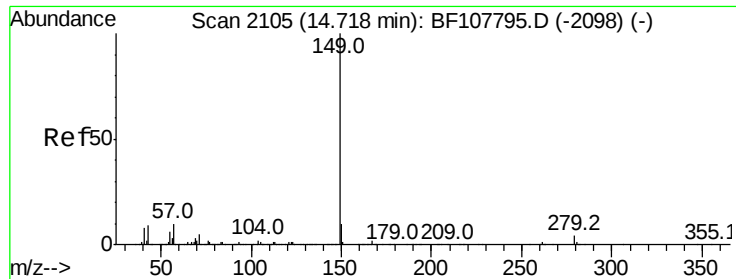
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	149	Resp:	654461
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.8	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 52.329 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

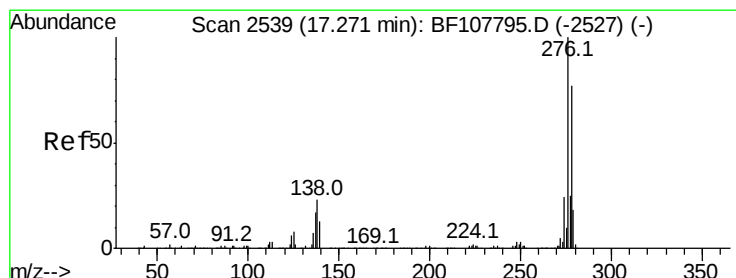
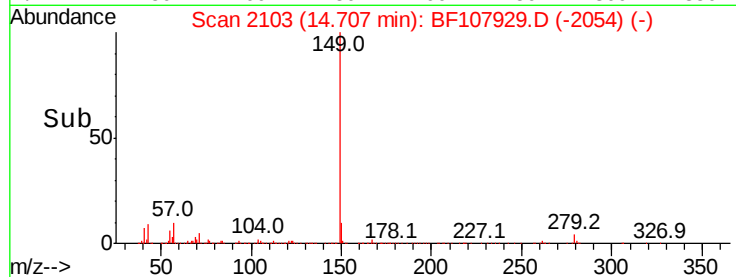
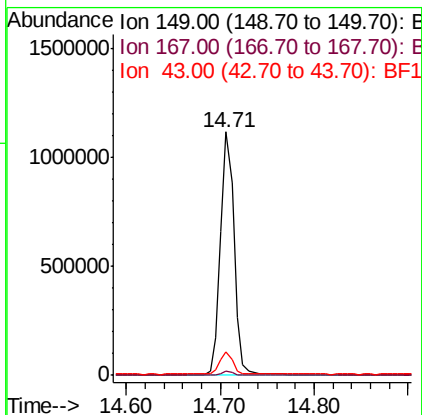
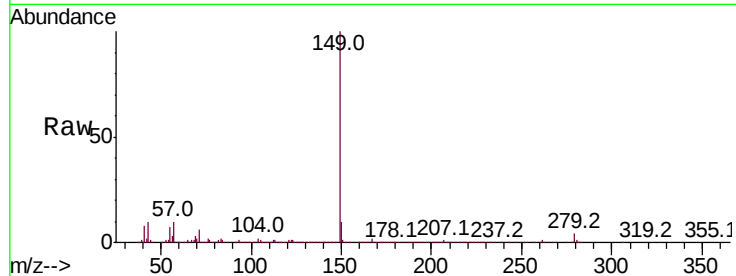
ClientSampled :

GW-03MSD

Tot Ion:	149	Resp:	1136436
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.0	8.4	12.6

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.055 ng

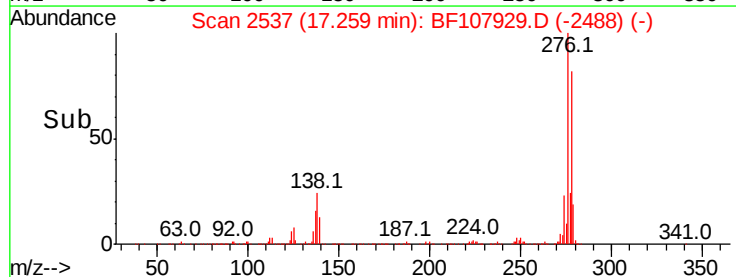
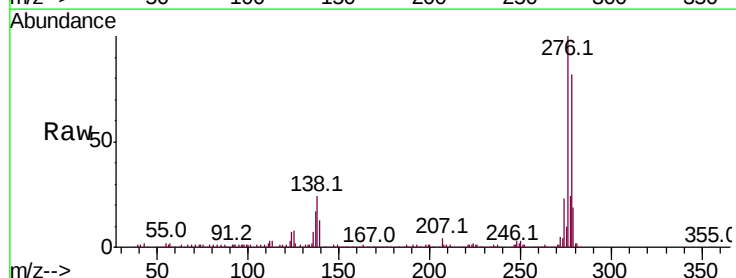
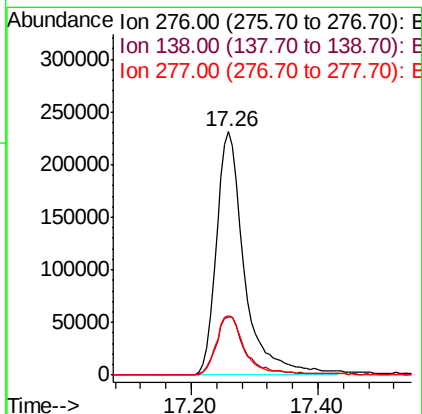
RT: 17.26 min Scan# 2537

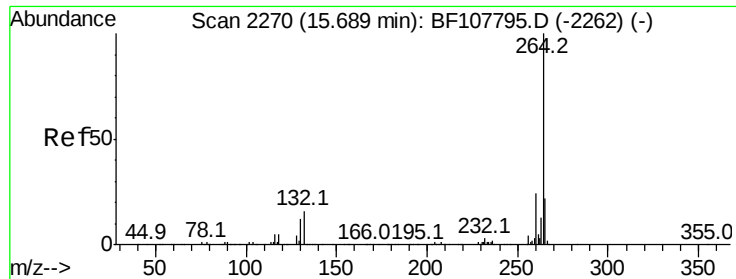
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	276	Resp:	714647
Ion Ratio	Lower	Upper	
276	100		
138	25.2	25.0	37.6
277	25.1	20.1	30.1





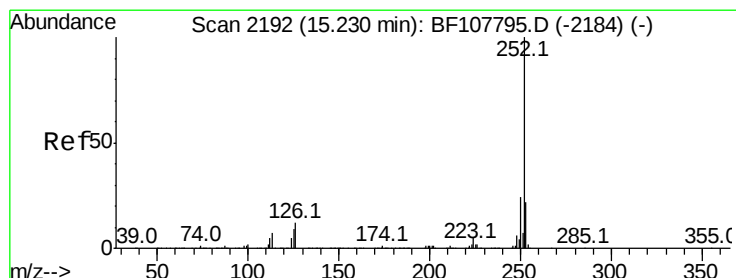
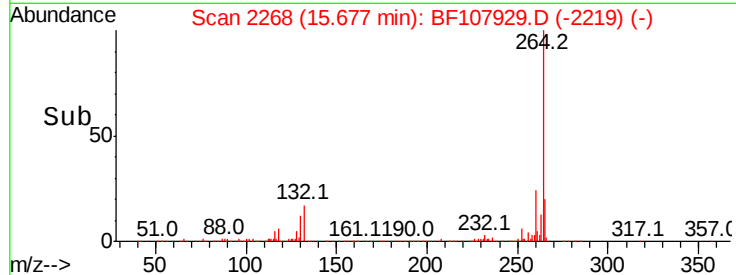
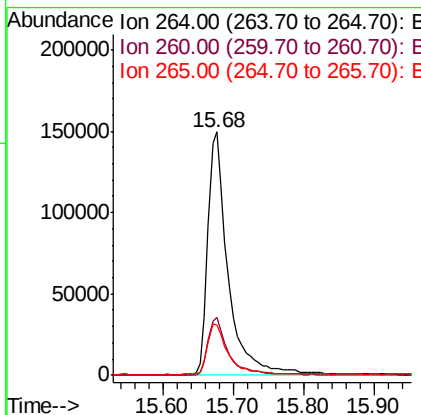
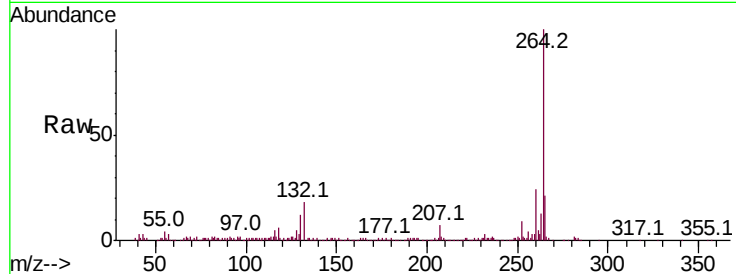
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion:	264	Resp:	301300
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3

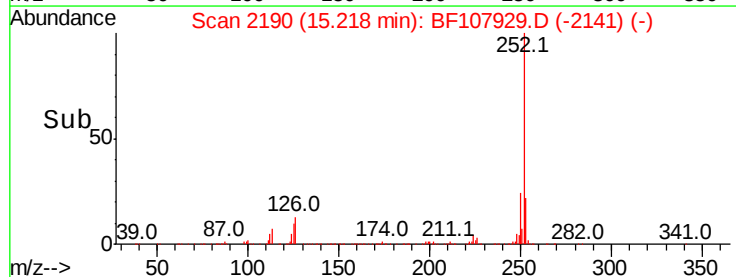
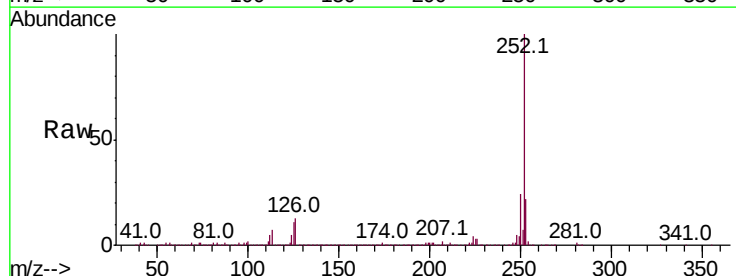
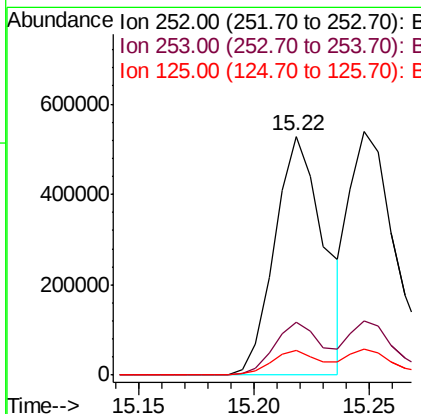
Manual Integrations
APPROVED

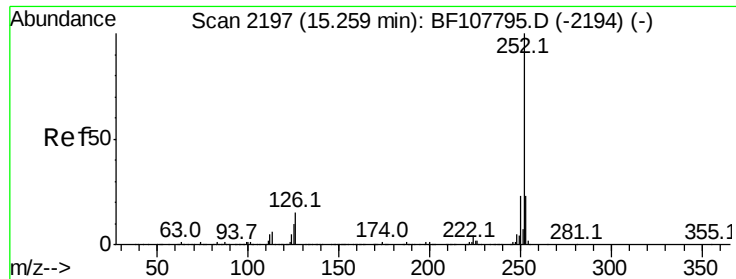
Sohil
8/3/2018 12:53:39 PM



#87
Benzo(b)fluoranthene
Concen: 52.626 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107929.D
Acq: 3 Aug 2018 00:18

Tgt Ion:	252	Resp:	782033
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	10.6	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 46.154 ng

RT: 15.25 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Instrument :

BNA_F

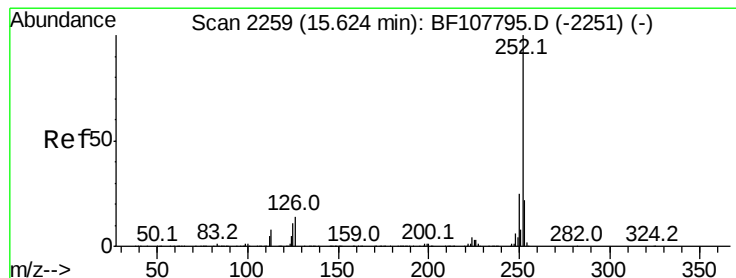
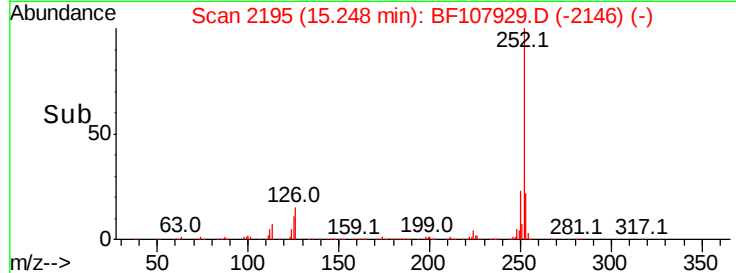
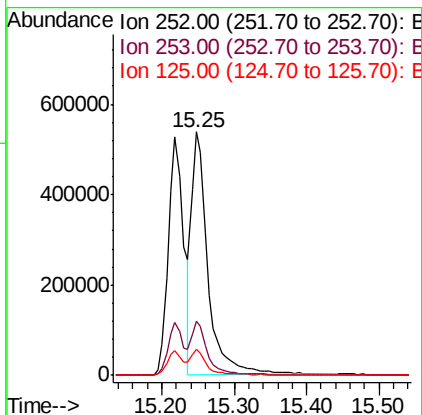
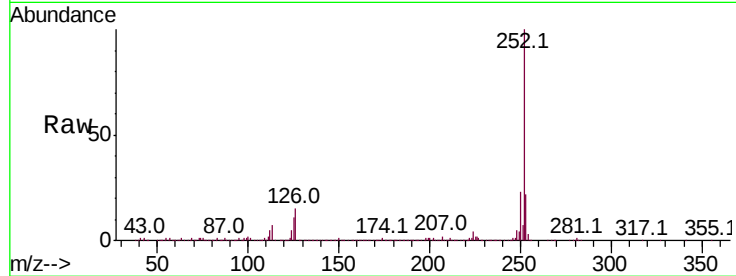
ClientSampleId :

GW-03MSD

Tot Ion:	252	Resp:	842054
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	10.9	10.2	15.2

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#89

Benzo(a)pyrene

Concen: 48.650 ng

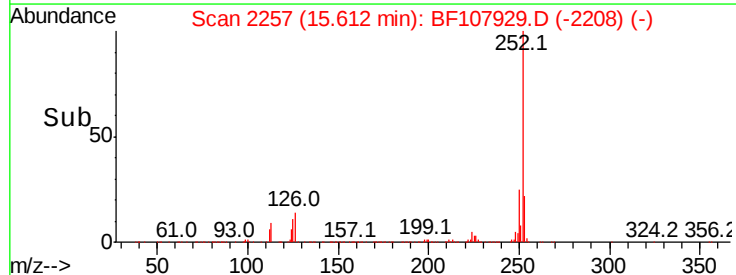
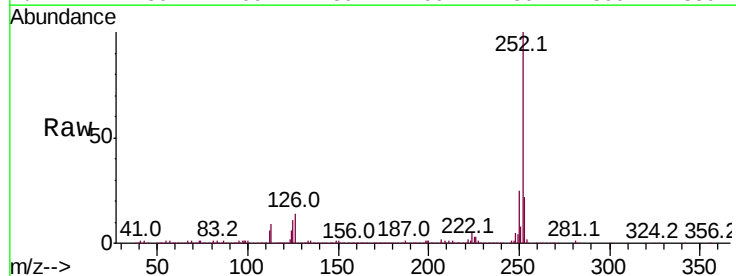
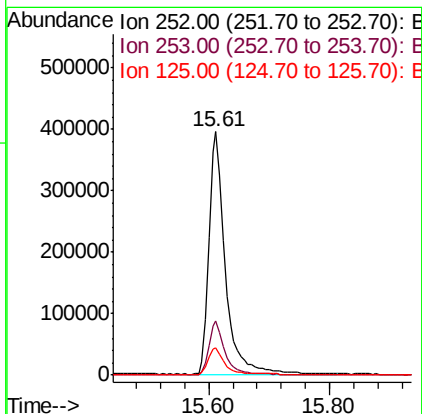
RT: 15.61 min Scan# 2257

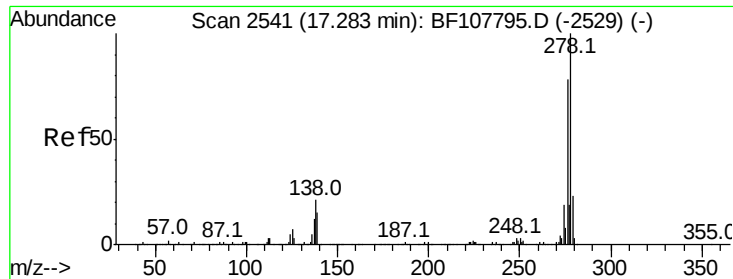
Delta R.T. -0.01 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion:	252	Resp:	746326
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	11.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 46.343 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107929.D

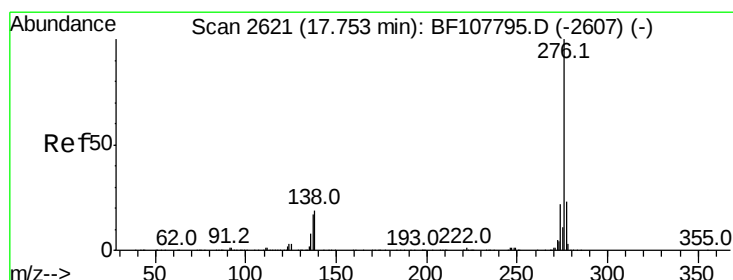
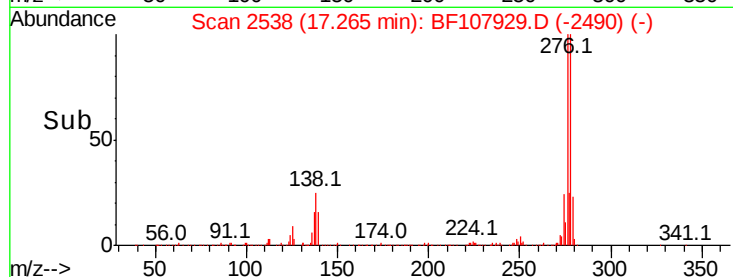
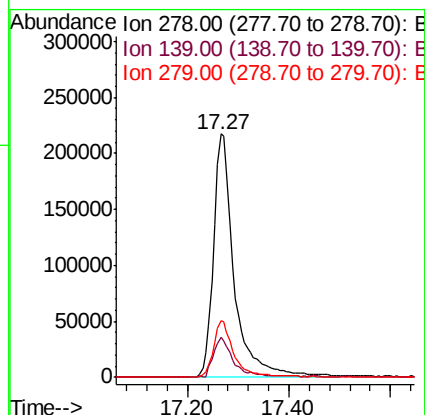
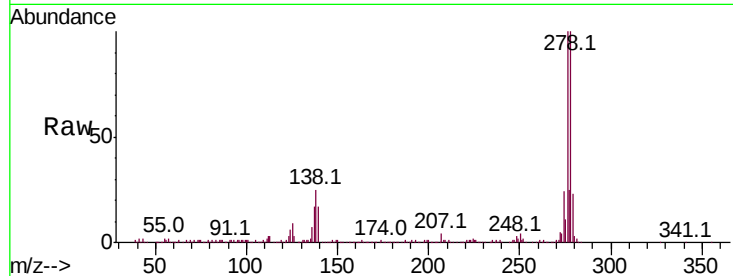
Acq: 3 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
GW-03MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.9	23.9
279	23.6	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/3/2018 12:53:39 PM



#91

Benzo(g,h,i)perylene

Concen: 44.828 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107929.D

Acq: 3 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	21.2	21.8	32.8

