

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107928.D
 Acq On : 2 Aug 2018 23:51
 Operator : JU/SJ
 Sample : J4262-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:53:37 PM

Quant Time: Aug 03 04:57:16 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	148732	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	561684	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	215756	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	396729	20.00	ng	0.00
75) Chrysene-d12	14.15	240	343989	20.00	ng	0.00
86) Perylene-d12	15.68	264	299822	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	349420	39.93	ng	0.00
7) Phenol-d6	6.61	99	321907	27.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	820165	84.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	292783	99.87	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1466156	94.69	ng	-0.01
78) Terphenyl-d14	13.07	244	1316224	82.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	59511	18.538	ng	# 86
3) Pyridine	3.69	79	82658m	13.252	ng	
6) Aniline	6.65	93	154045	12.841	ng	# 78
8) 2-Chlorophenol	6.75	128	312189	28.400	ng	92
9) Benzaldehyde	6.52	77	166083	23.867	ng	92
10) Phenol	6.62	94	114310	8.311	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	468747	38.327	ng	96
12) 1,3-Dichlorobenzene	6.90	146	422307	36.629	ng	98
13) 1,4-Dichlorobenzene	6.97	146	477324	37.191	ng	99
14) 1,2-Dichlorobenzene	7.12	146	420826	35.323	ng	99
15) Benzyl Alcohol	7.11	79	166718	23.256	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.22	45	677833	38.548	ng	80
17) 2-Methylphenol	7.22	107	197518	24.340	ng	# 61
18) Hexachloroethane	7.46	117	147930	32.067	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	284322	38.861	ng	97
20) 3+4-Methylphenols	7.38	107	182190	18.287	ng	# 58
22) Acetophenone	7.37	105	610489	45.177	ng	# 98
24) Nitrobenzene	7.54	77	380433	37.212	ng	98
25) Isophorone	7.77	82	779391	48.700	ng	99
26) 2-Nitrophenol	7.86	139	139359	27.162	ng	99
27) 2,4-Dimethylphenol	7.90	122	270927	39.441	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	484433	45.931	ng	99
29) 2,4-Dichlorophenol	8.11	162	259797	33.436	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	365931	41.283	ng	98
31) Naphthalene	8.26	128	1544840	59.168	ng	99
32) Benzoic acid	8.03	122	55366	13.049	ng	# 67
33) 4-Chloroaniline	8.34	127	131411	11.783	ng	95
34) Hexachlorobutadiene	8.36	225	210191	38.373	ng	99
35) Caprolactam	8.71	113	13163	5.627	ng	# 55
36) 4-Chloro-3-methylphenol	8.80	107	250356	29.668	ng	99
37) 2-Methylnaphthalene	8.95	142	795747	48.519	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	356026	48.398	ng	# 97
40) Hexachlorocyclopentadiene	9.09	237	73139	28.371	ng	99
42) 2,4,6-Trichlorophenol	9.24	196	168306	41.386	ng	96

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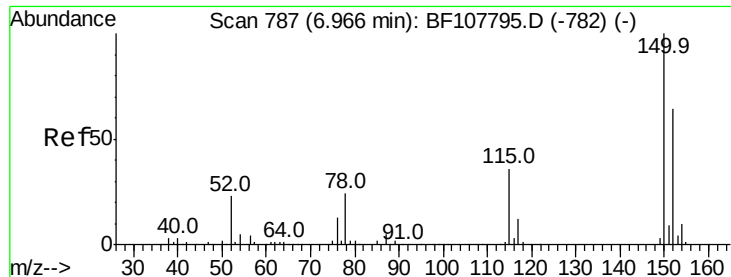
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	193127	39.447	nq	96
45) 1,1'-Biphenyl	9.41	154	932734	47.504	nq	98
46) 2-Chloronaphthalene	9.44	162	674000	45.520	nq	99
47) 2-Nitroaniline	9.55	65	206287	42.831	nq	89
48) Acenaphthylene	9.86	152	1049801	45.733	nq	99
49) Dimethylphthalate	9.71	163	807787	49.853	nq	98
50) 2,6-Dinitrotoluene	9.78	165	144123	40.929	nq	90
51) Acenaphthene	10.03	154	604327	45.321	nq	100
52) 3-Nitroaniline	9.98	138	103356	23.293	nq	99
53) 2,4-Dinitrophenol	10.10	184	30957	23.361	nq #	51
54) Dibenzofuran	10.20	168	884198	42.901	nq	98
55) 4-Nitrophenol	10.20	139	382431	171.121	nq #	14
56) 2,4-Dinitrotoluene	10.20	165	163684	35.366	nq #	89
57) Fluorene	10.55	166	711482	44.419	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	176137	39.170	nq #	77
59) Diethylphthalate	10.41	149	758803	43.556	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	348222	39.908	nq	88
61) 4-Nitroaniline	10.60	138	131078	33.287	nq	90
62) Azobenzene	10.70	77	656230	40.445	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	26143	12.113	nq	81
65) n-Nitrosodiphenylamine	10.66	169	591503	45.280	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	209050	45.209	nq #	89
67) Hexachlorobenzene	11.10	284	217014	42.322	nq #	84
68) Atrazine	11.18	200	157981	40.861	nq	97
69) Pentachlorophenol	11.30	266	158260	62.697	nq	96
70) Phenanthrene	11.52	178	897884	47.664	nq	99
71) Anthracene	11.57	178	1012168	46.583	nq	98
72) Carbazole	11.74	167	941229	43.834	nq	99
73) Di-n-butylphthalate	12.03	149	1071252	45.730	nq	100
74) Fluoranthene	12.71	202	1043099	47.133	nq	98
76) Benzidine	12.87	184	35993	3.236	nq	97
77) Pyrene	12.94	202	1025550	41.403	nq	98
79) Butylbenzylphthalate	13.54	149	454427	41.894	nq	90
80) Benzo(a)anthracene	14.14	228	874522	44.880	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	157962	20.912	nq	95
82) Chrysene	14.17	228	981866	46.717	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	621007	45.541	nq	99
84) Di-n-octyl phthalate	14.71	149	1098279	50.178	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	704574	44.073	nq #	93
87) Benzo(b)fluoranthene	15.22	252	737485	49.873	nq	99
88) Benzo(k)fluoranthene	15.25	252	832948	45.880	nq	97
89) Benzo(a)pyrene	15.61	252	706696	46.294	nq	99
90) Dibenzo(a,h)anthracene	17.27	278	593467	44.568	nq #	94
91) Benzo(g,h,i)perylene	17.74	276	555640	43.125	nq #	93

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



#1

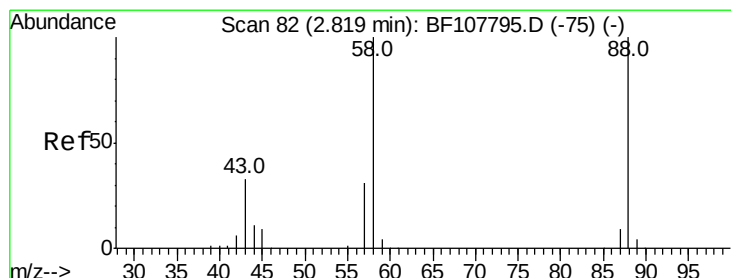
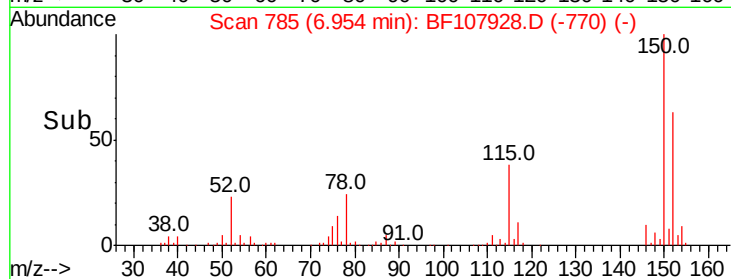
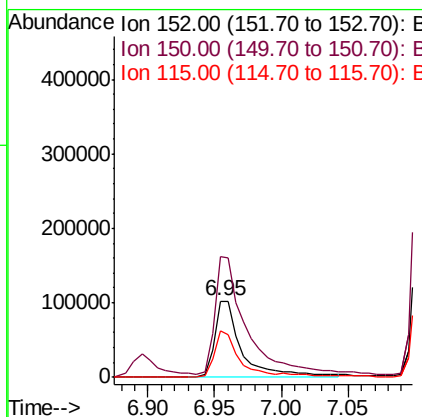
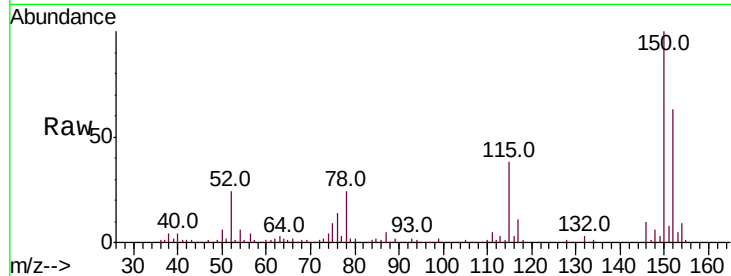
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	60.9	50.1	75.1

Manual Integrations
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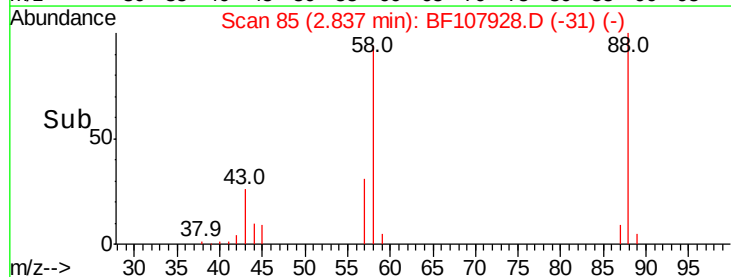
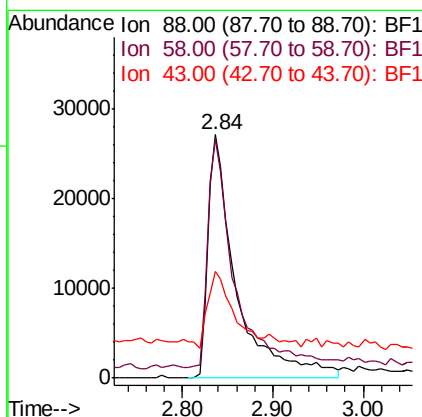
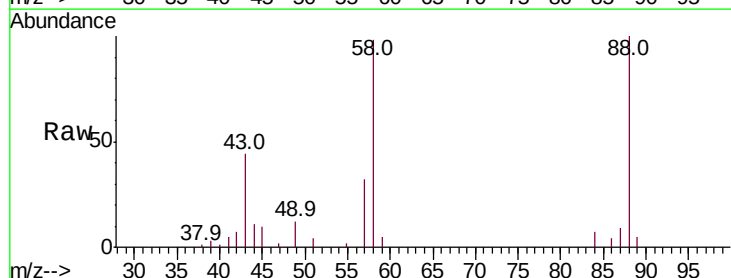
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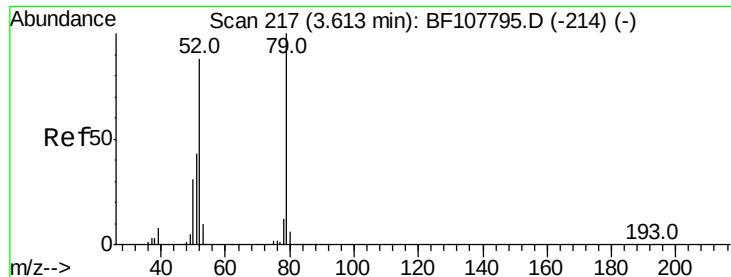


#2

1,4-Dioxane
Concen: 18.538 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.5	62.6	93.8
43	22.9	24.6	37.0#





#3

Pvridine

Concen: 13.252 ng/ml

RT: 3.69 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

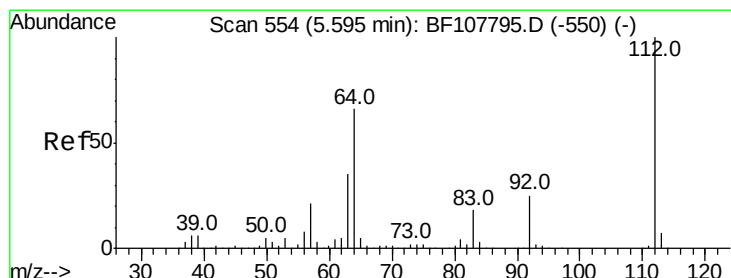
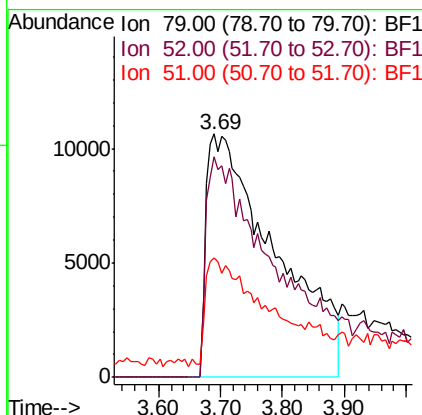
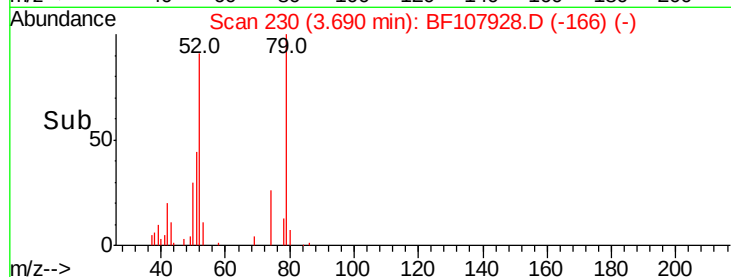
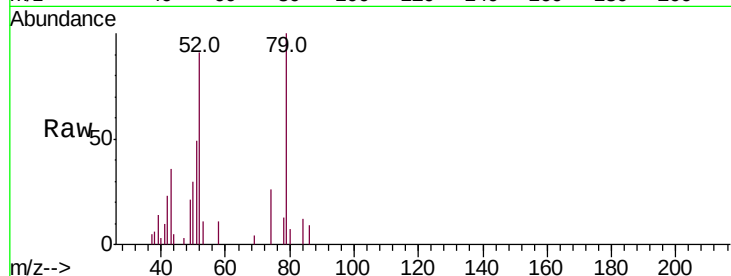
ClientSampleID :

GW-03MS

Tot Ion:	79	Resp:	82658
Ion Ratio	Lower	Upper	
79	100		
52	90.8	59.8	89.6#
51	49.2	29.8	44.8#

Manual Integrations
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#5

2-Fluorophenol

Concen: 39.928 ng/ml

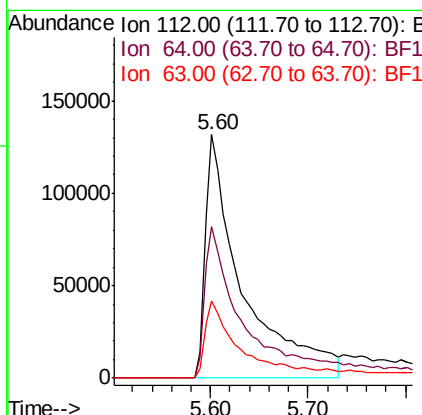
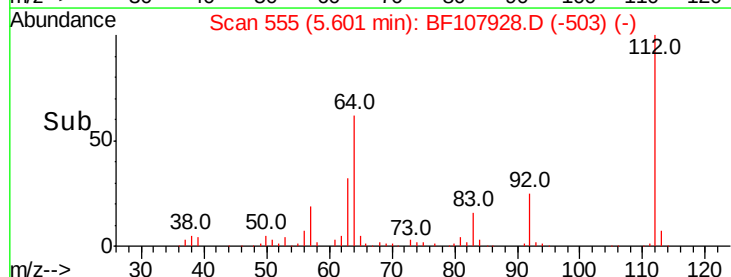
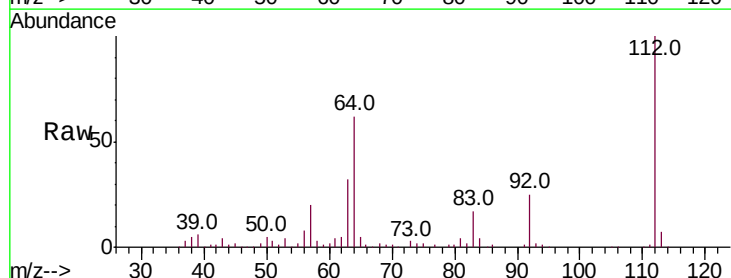
RT: 5.60 min Scan# 555

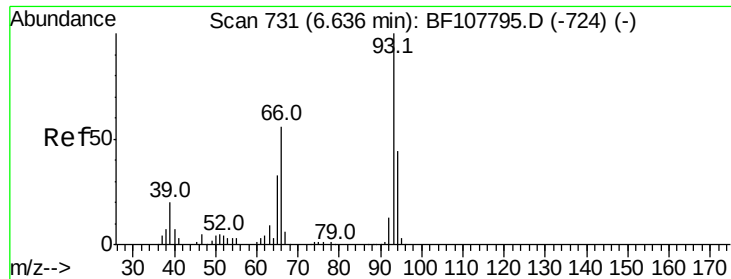
Delta R.T. 0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	112	Resp:	349420
Ion Ratio	Lower	Upper	
112	100		
64	62.4	47.9	71.9
63	31.9	23.7	35.5





#6

Aniline

Concen: 12.841 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

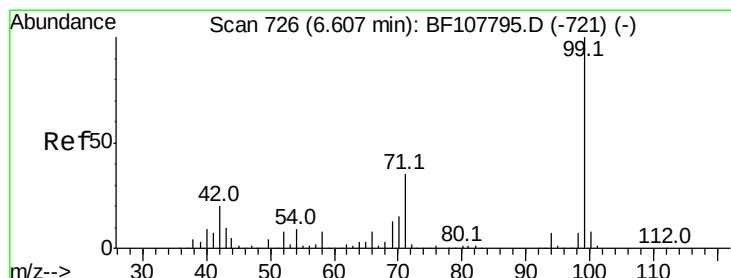
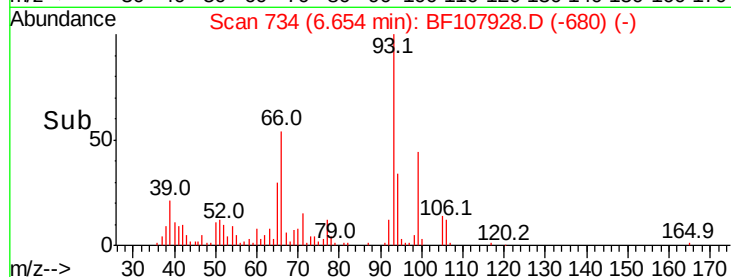
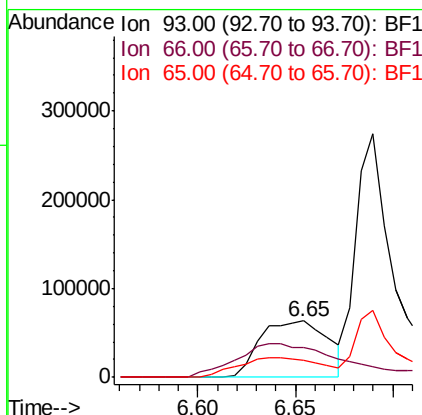
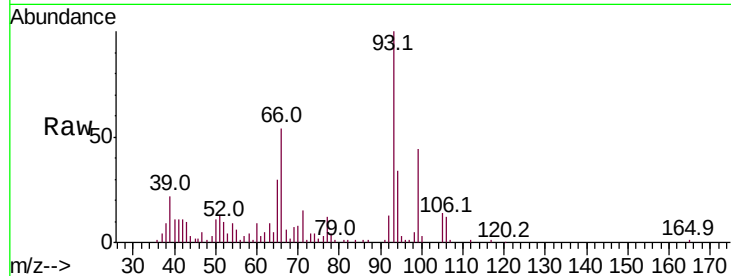
ClientSampleId :

GW-03MS

Tot Ion	93	Resp	154045
Ion Ratio	Lower	Upper	
93	100		
66	54.0	32.2	48.2#
65	29.8	16.4	24.6#

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#7

Phenol-d6

Concen: 27.910 ng

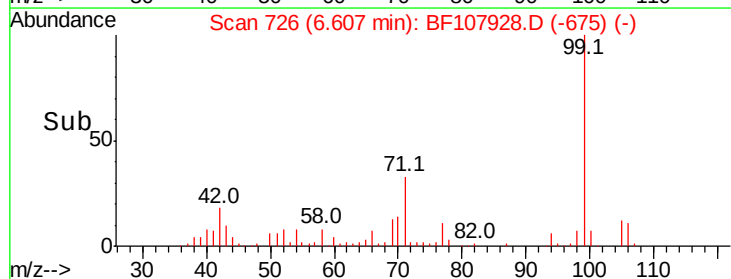
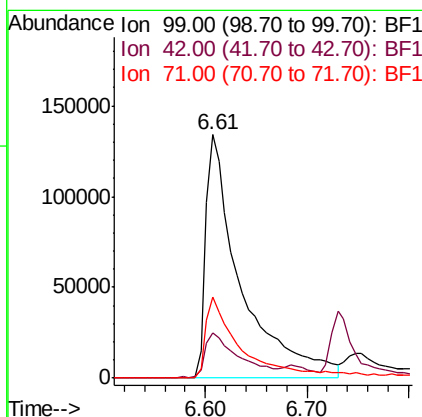
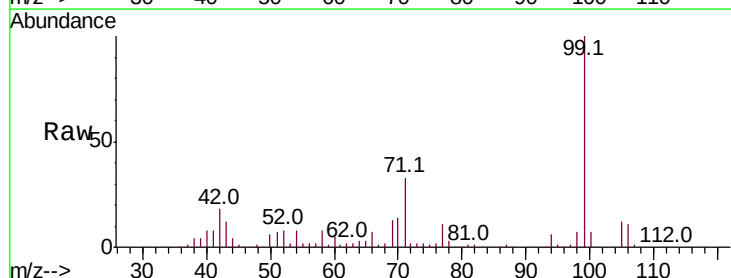
RT: 6.61 min Scan# 726

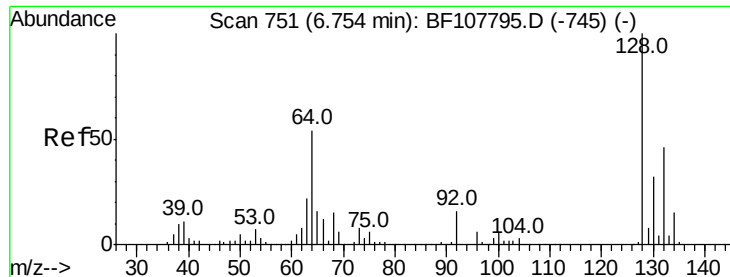
Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion	99	Resp	321907
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.5	21.7
71	33.1	25.4	38.0





#8

2-Chlorophenol

Concen: 28.400 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

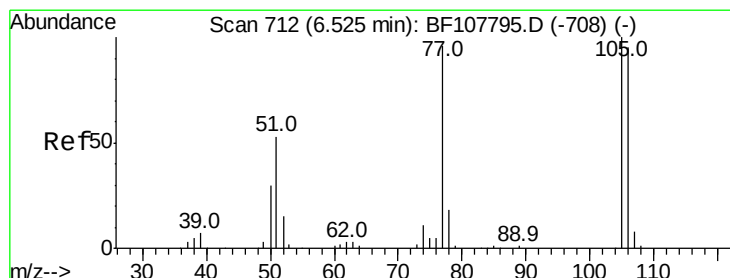
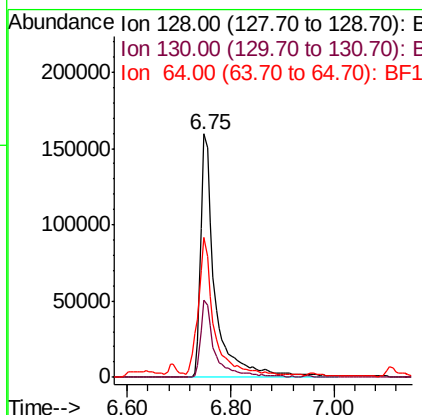
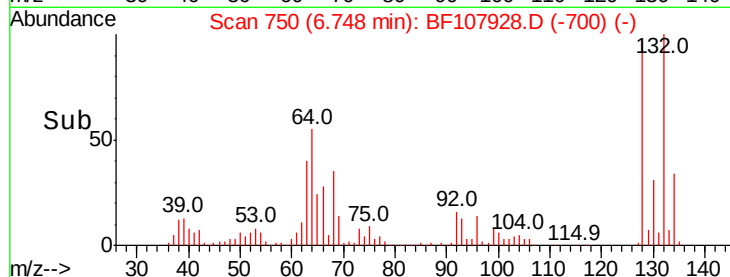
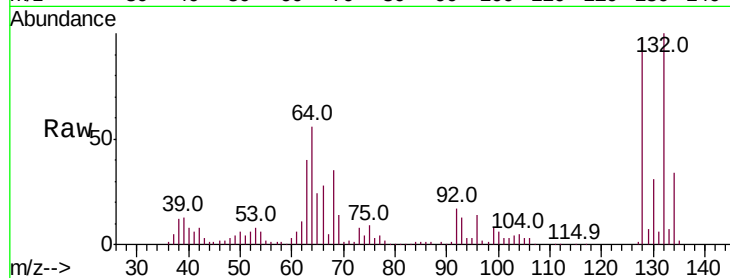
ClientSampled :

GW-03MS

Tot Ion:	128	Resp:	312189
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	57.3	29.4	69.4

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#9

Benzaldehyde

Concen: 23.867 ng

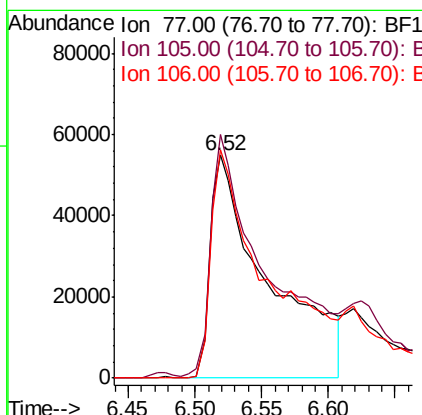
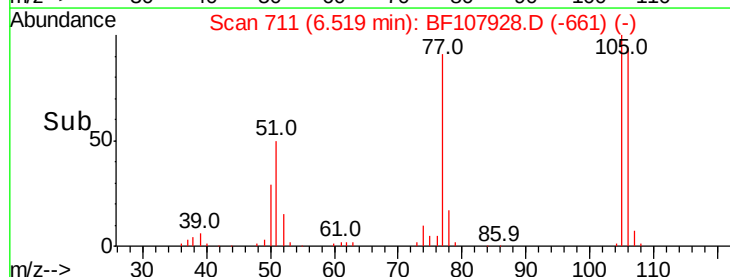
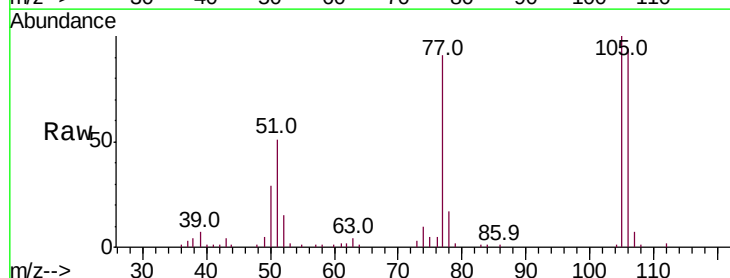
RT: 6.52 min Scan# 711

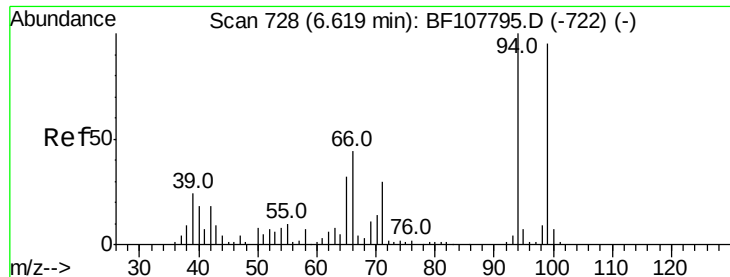
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	77	Resp:	166083
Ion Ratio	Lower	Upper	
77	100		
105	109.3	81.1	121.1
106	102.6	74.5	114.5





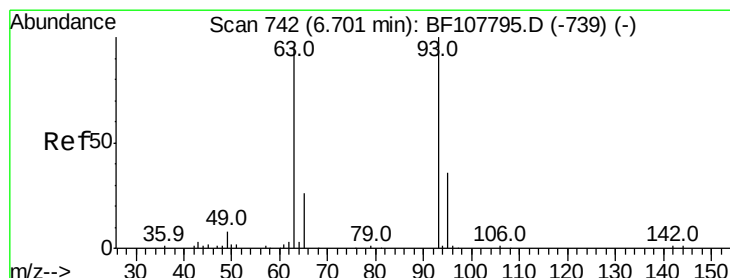
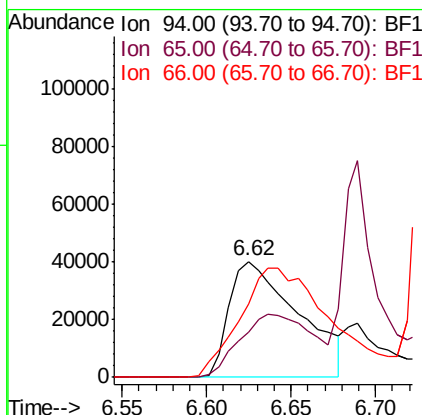
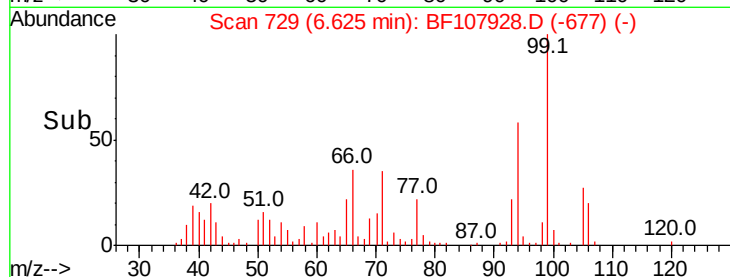
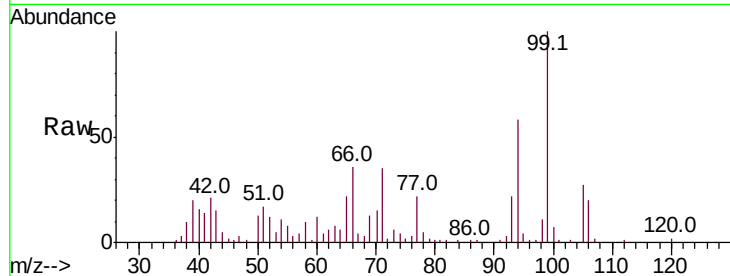
#10
Phenol
Concen: 8.311 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	38.7	7.9	47.9
66	62.9	16.2	56.2#

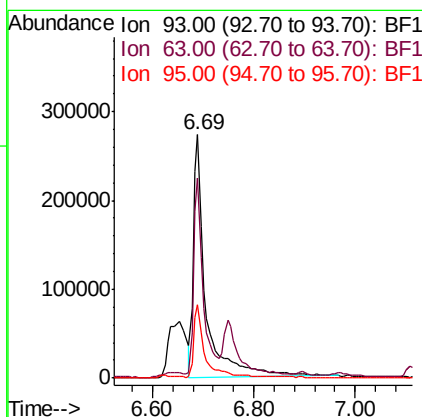
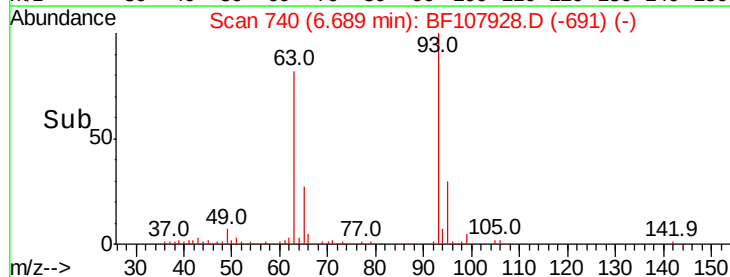
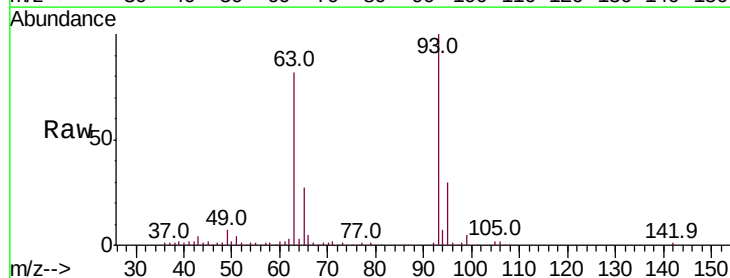
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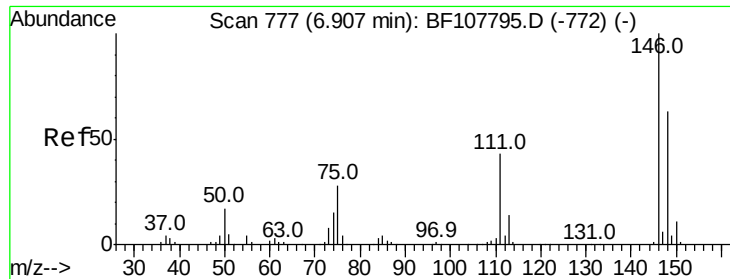
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#11
bis(2-Chloroethyl)ether
Concen: 38.327 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.1	58.6	98.6
95	30.2	11.8	51.8





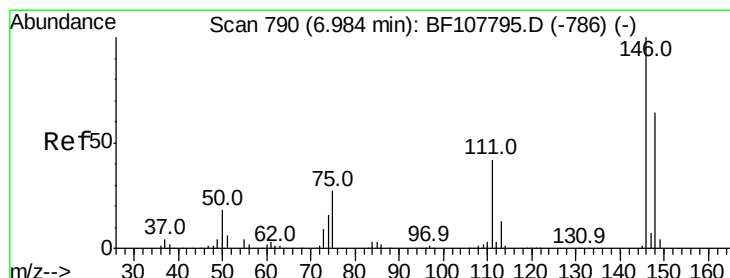
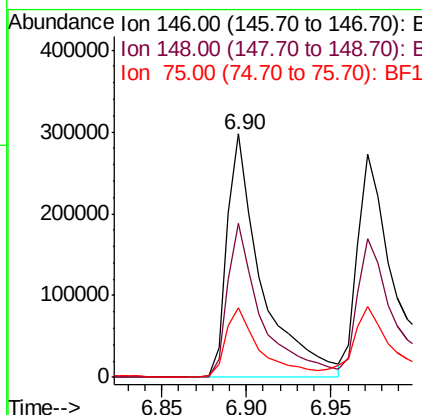
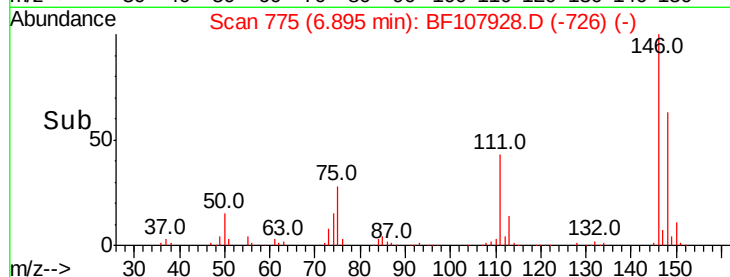
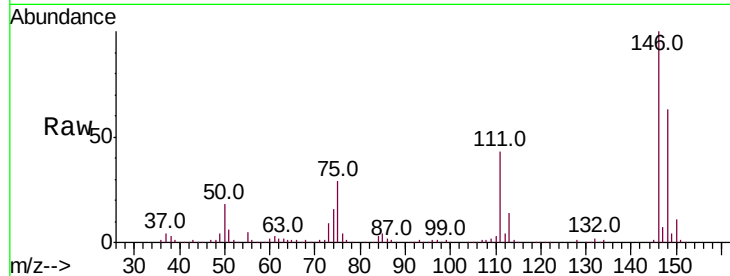
#12
 1,3-Dichlorobenzene
 Concen: 36.629 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	28.7	24.2	36.4

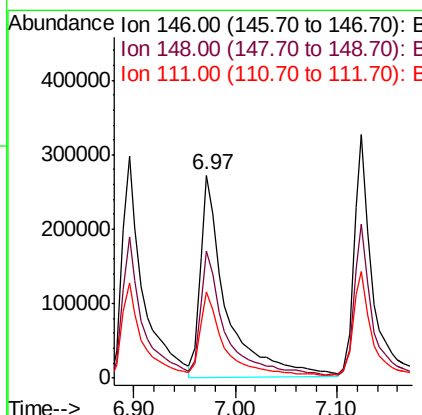
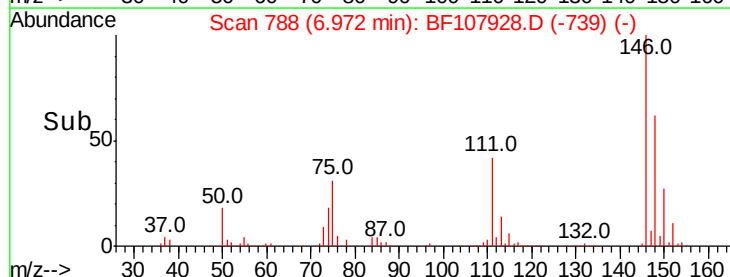
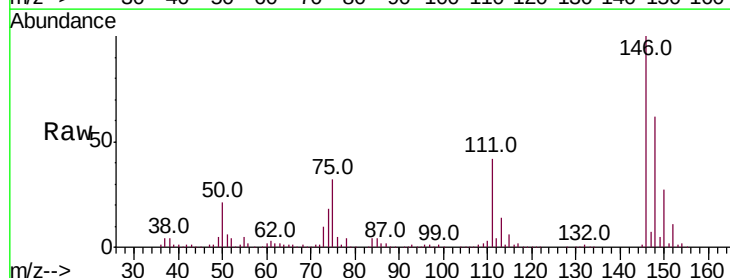
Manual Integrations
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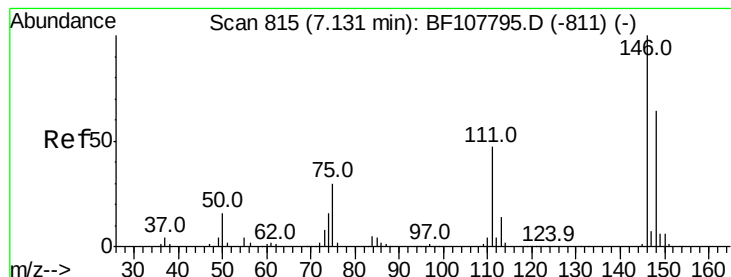
Sohil
 8/3/2018 12:53:37 PM



#13
 1,4-Dichlorobenzene
 Concen: 37.191 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	42.3	34.2	51.2





#14

1,2-Dichlorobenzene

Concen: 35.323 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

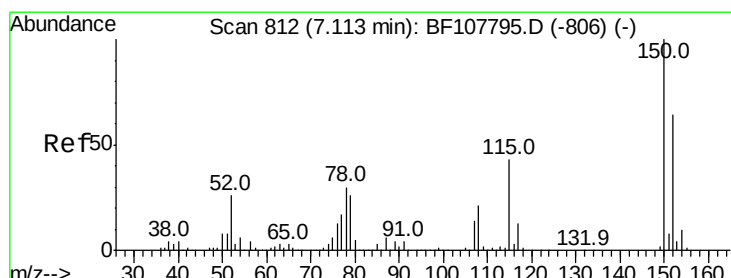
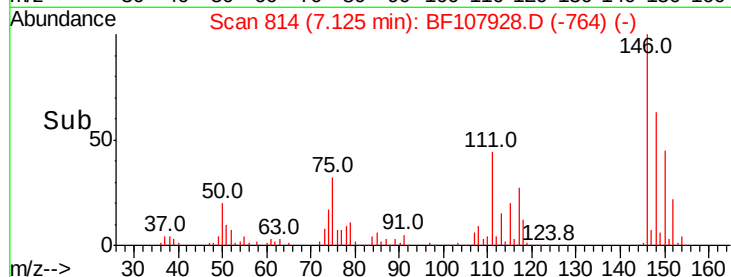
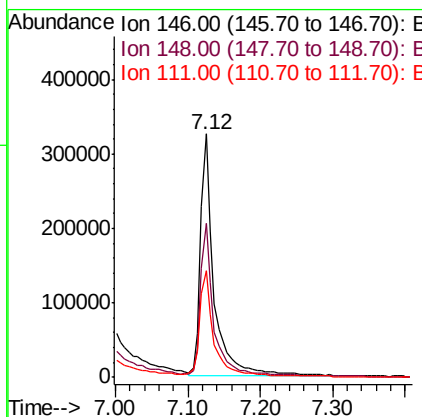
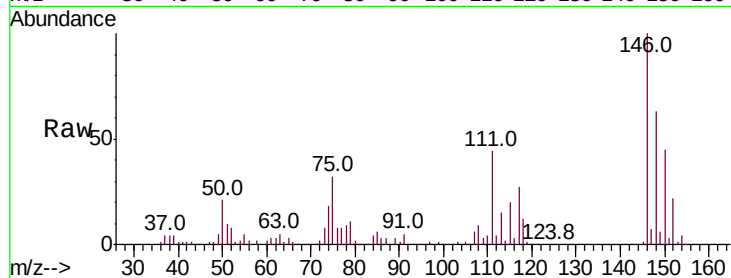
ClientSampleId :

GW-03MS

Tot Ion:	146	Resp:	420826
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	44.0	36.0	54.0

Manual Integrations
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#15

Benzyl Alcohol

Concen: 23.256 ng

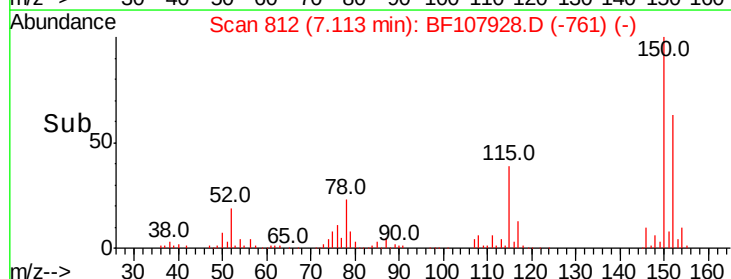
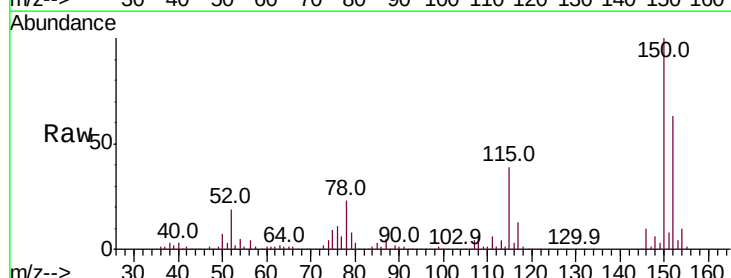
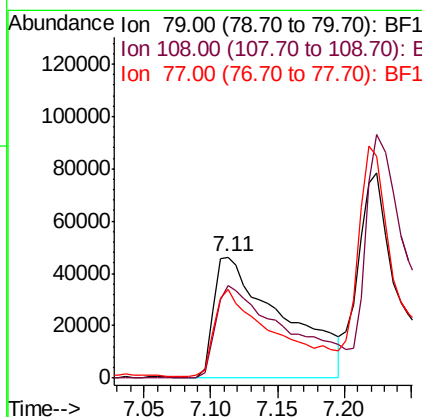
RT: 7.11 min Scan# 812

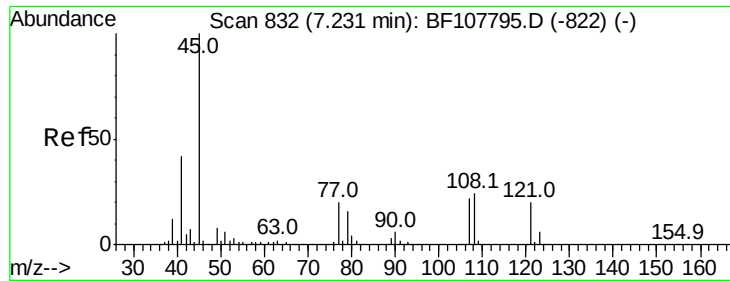
Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	79	Resp:	166718
Ion Ratio	Lower	Upper	
79	100		
108	76.1	65.1	97.7
77	73.3	50.6	75.8





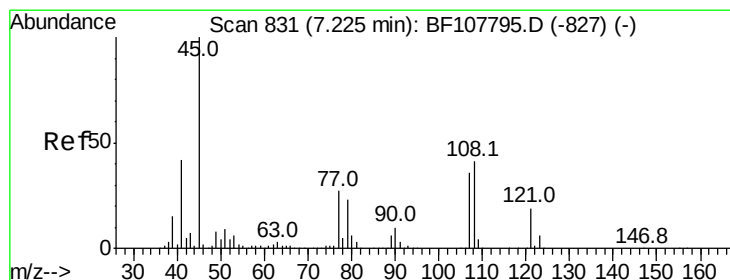
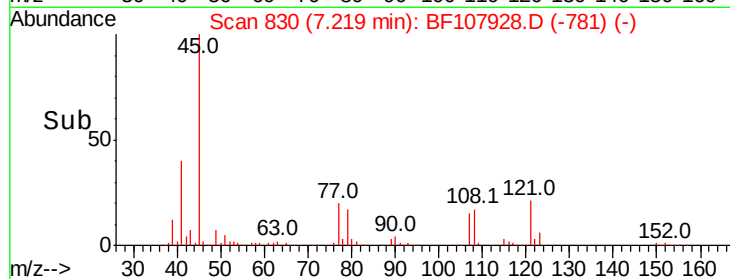
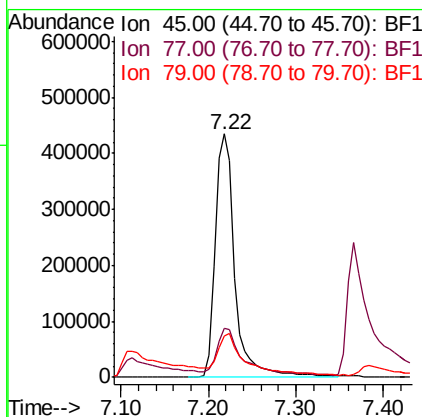
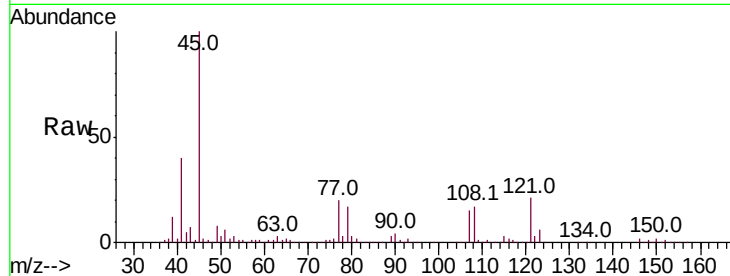
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.548 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	677833		
77	20.4	0.0	32.9	
79	17.2	0.0	29.6	

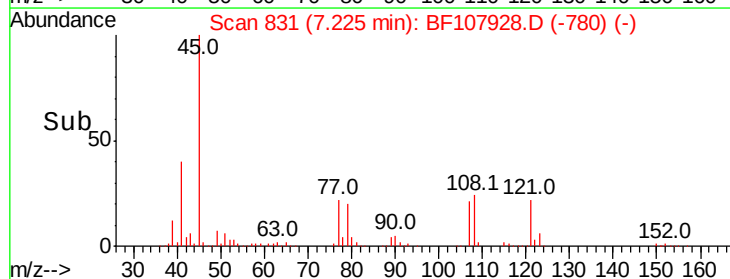
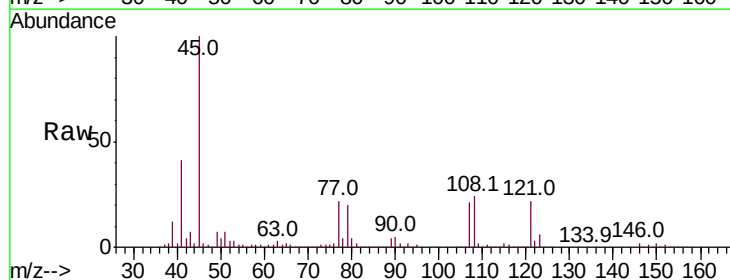
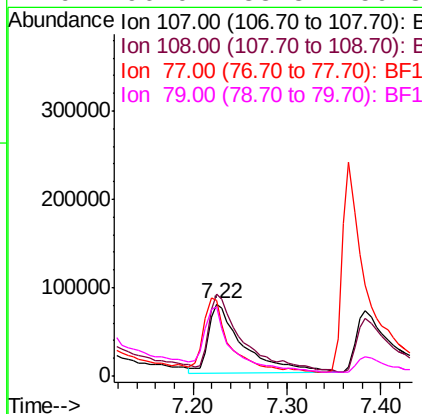
Manual Integrations
APPROVED

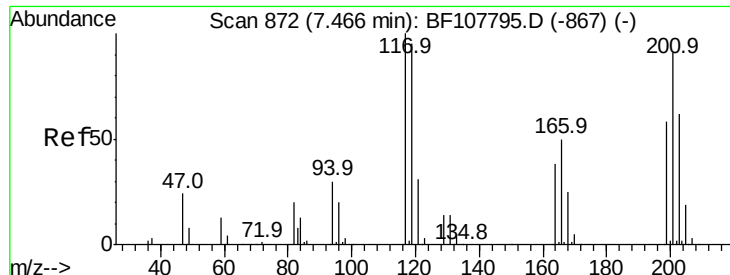
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#17
2-Methylphenol
Concen: 24.340 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	197518		
108	114.0	91.7	137.5	
77	104.0	33.8	50.8#	
79	96.0	33.8	50.8#	





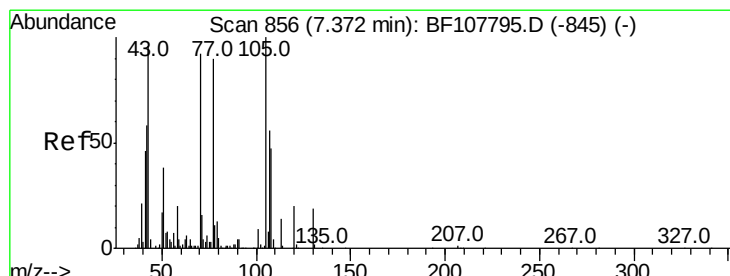
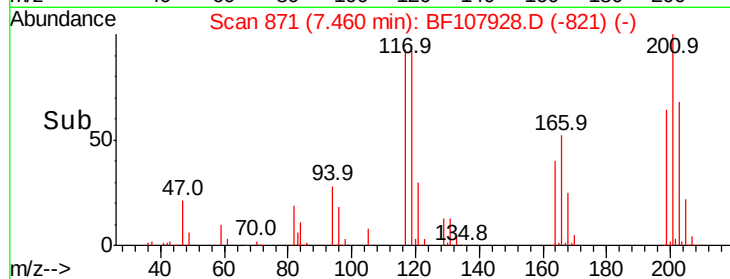
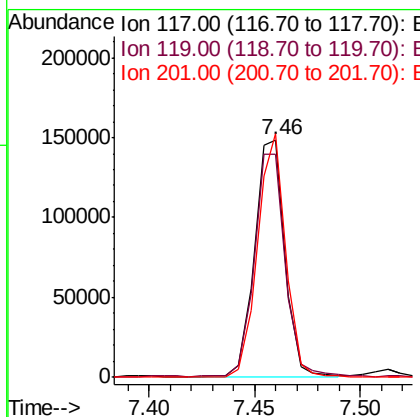
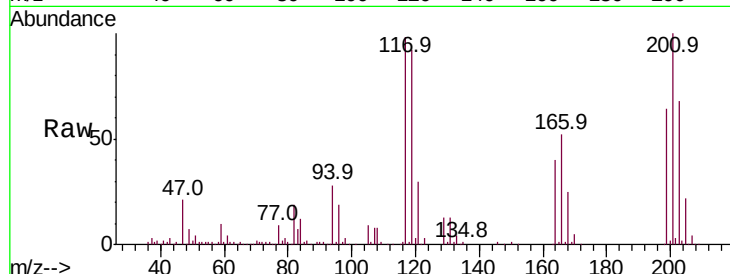
#18
Hexachloroethane
Concen: 32.067 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	147930		
119	94.0	75.8	113.8	
201	102.5	75.7	113.5	

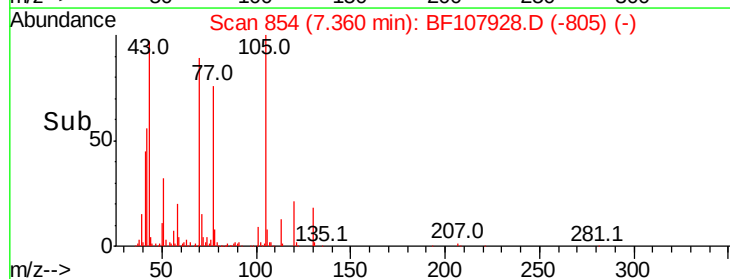
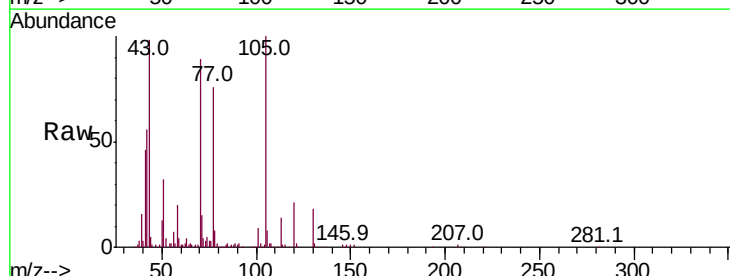
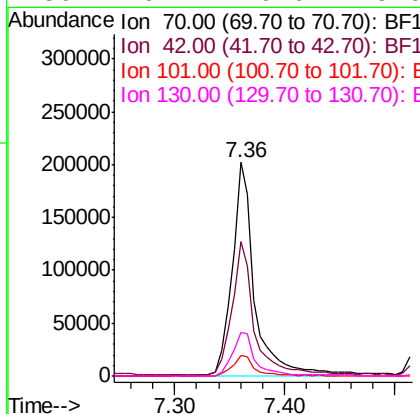
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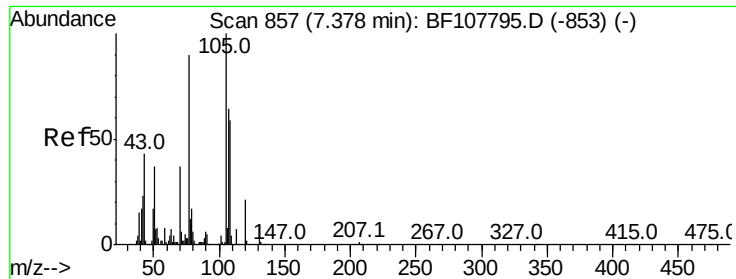
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#19
n-Nitroso-di-n-propylamine
Concen: 38.861 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	284322		
42	62.7	47.5	71.3	
101	9.9	7.4	11.2	
130	20.2	16.6	25.0	





#20

3+4-Methylphenols

Concen: 18.287 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

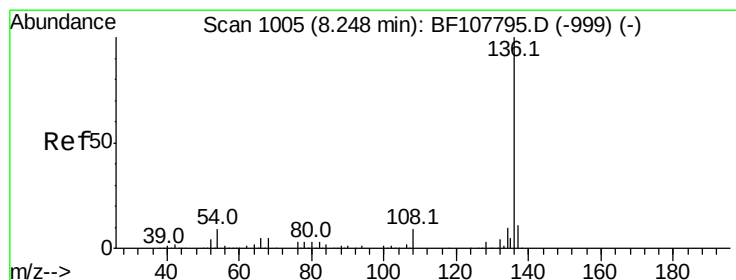
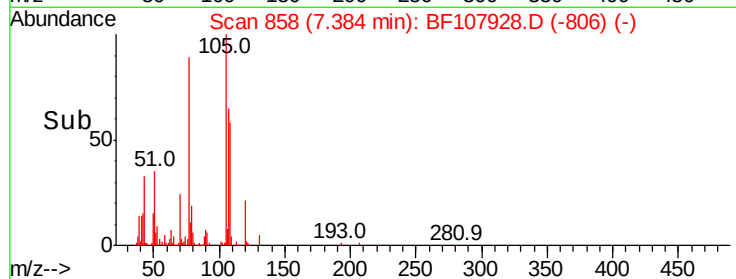
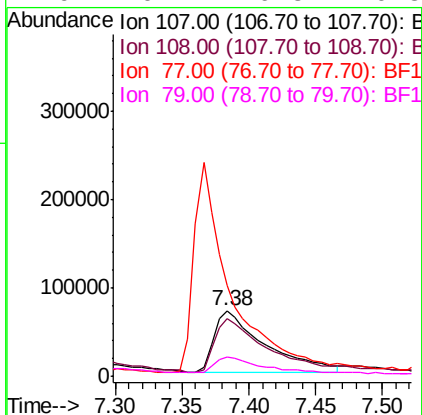
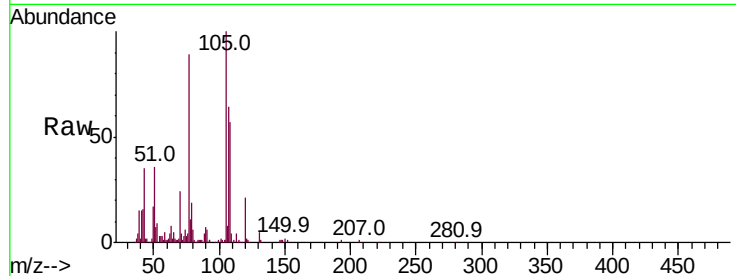
ClientSampleId :

GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.0	68.2	108.2	
77	139.0	26.7	66.7#	
79	29.1	6.3	46.3	

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#21

Naphthalene-d8

Concen: 20.000 ng

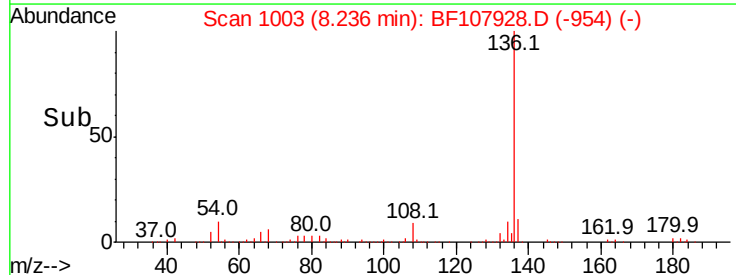
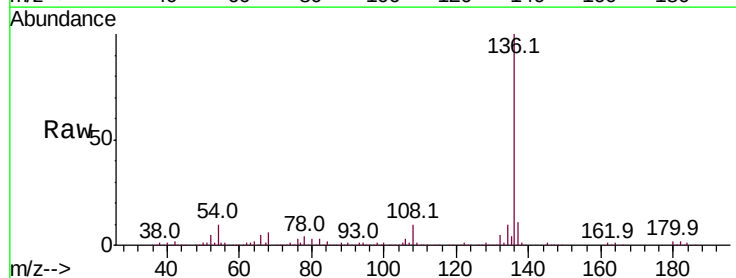
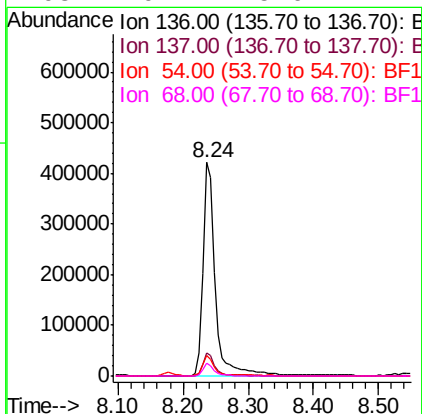
RT: 8.24 min Scan# 1003

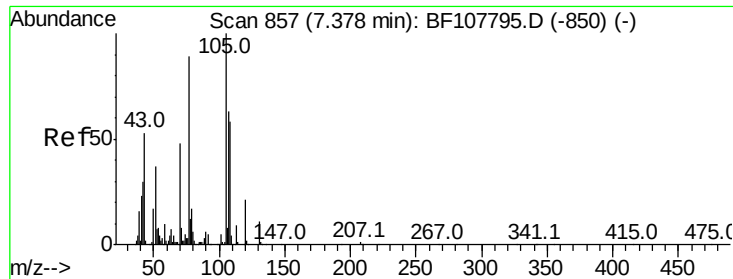
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	9.8	6.6	9.8	
68	6.2	5.0	7.4	





#22

Acetophenone

Concen: 45.177 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

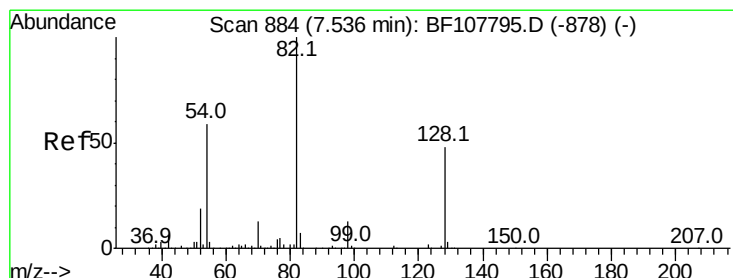
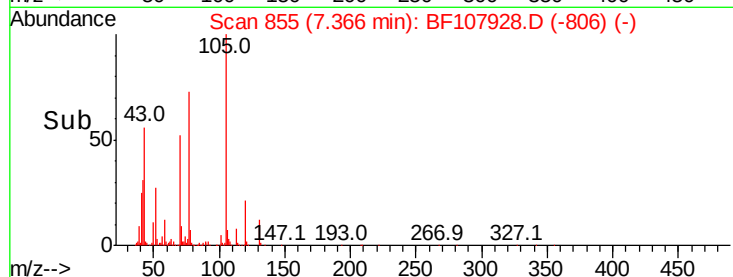
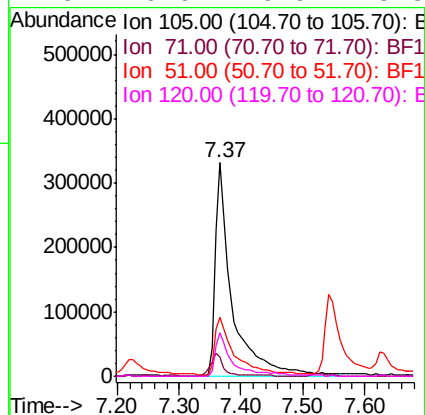
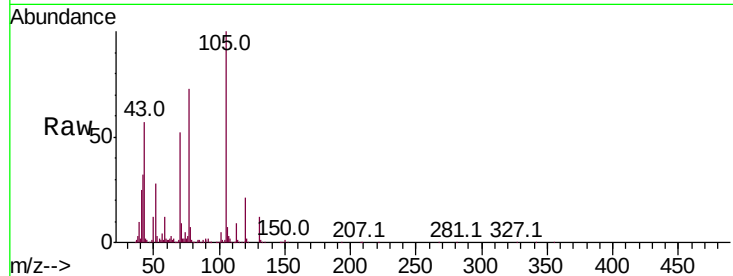
ClientSampleId :

GW-03MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	610489		
71	71	9.1	4.4	6.6#	
51	51	27.7	22.3	33.5	
120	120	20.6	16.9	25.3	

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#23

Nitrobenzene-d5

Concen: 84.122 ng

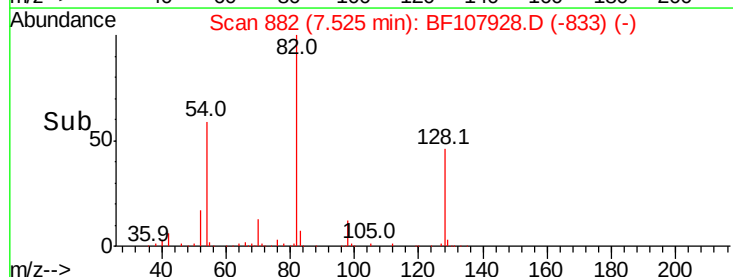
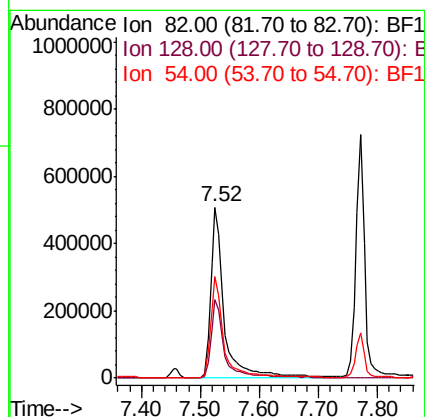
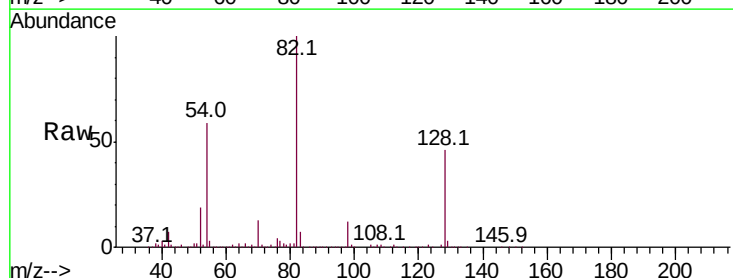
RT: 7.52 min Scan# 882

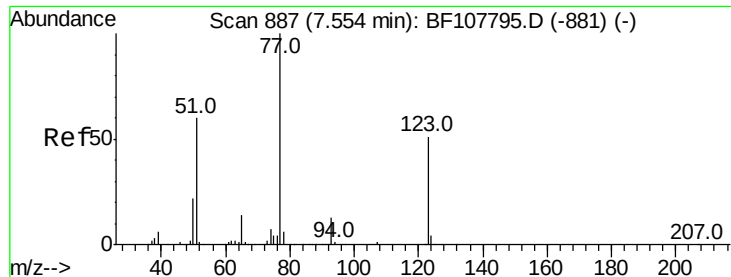
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	820165		
128	128	46.3	36.1	54.1	
54	54	59.3	41.4	62.2	





#24

Nitrobenzene

Concen: 37.212 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

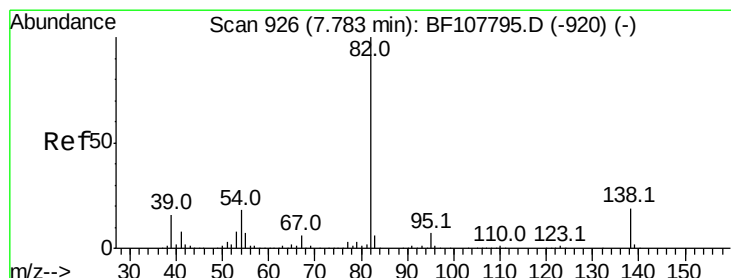
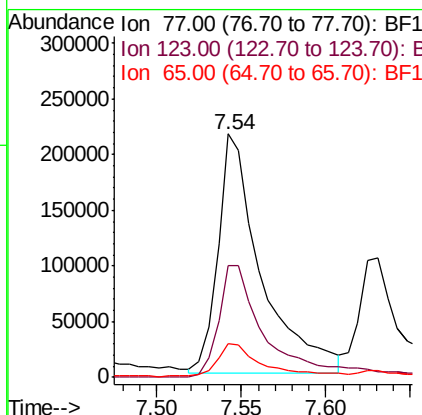
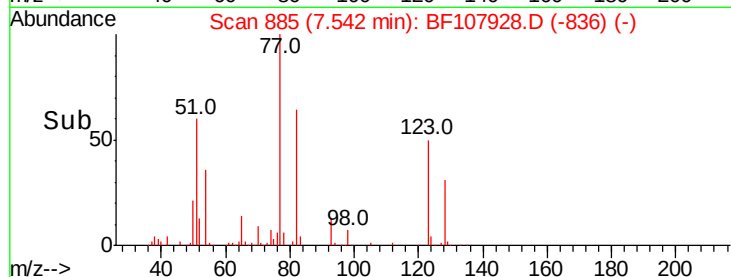
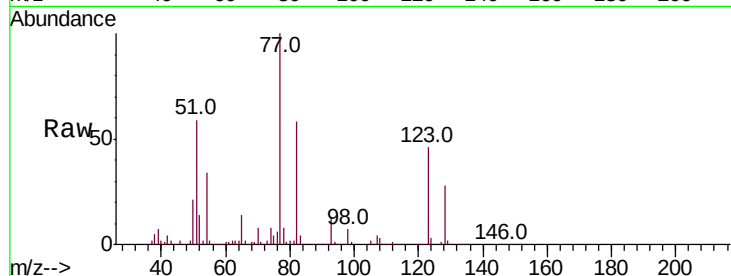
ClientSampleId :

GW-03MS

Tot Ion:	77	Resp:	380433
Ion Ratio	Lower	Upper	
77	100		
123	46.2	37.9	56.9
65	14.0	11.0	16.4

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#25

Isophorone

Concen: 48.700 ng

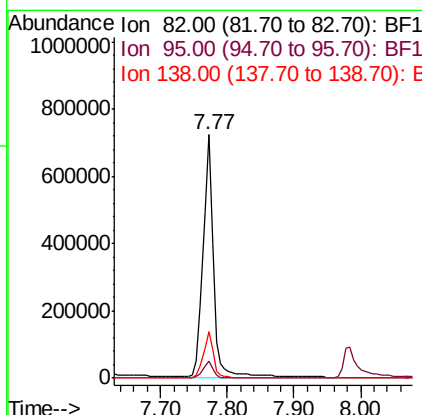
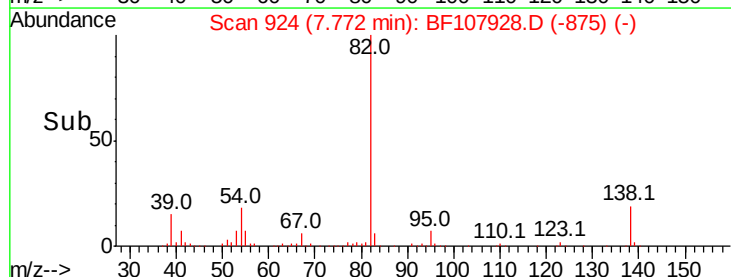
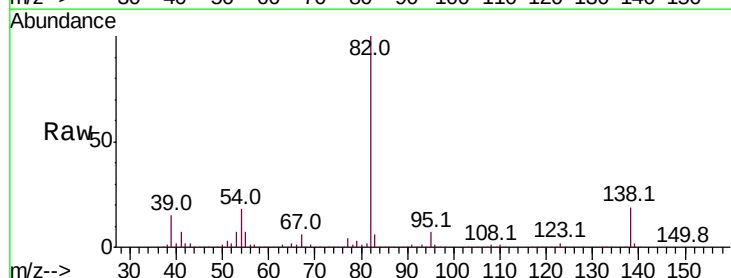
RT: 7.77 min Scan# 924

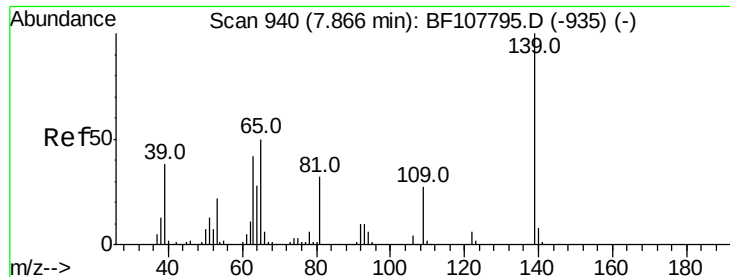
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	82	Resp:	779391
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.2	14.9	22.3





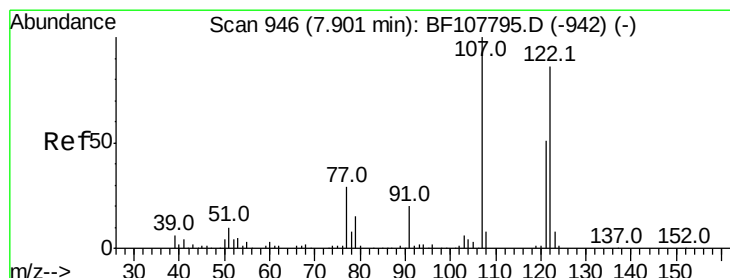
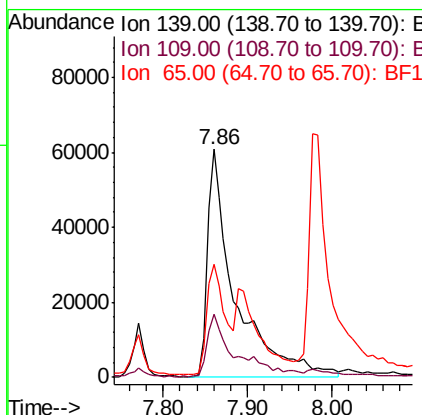
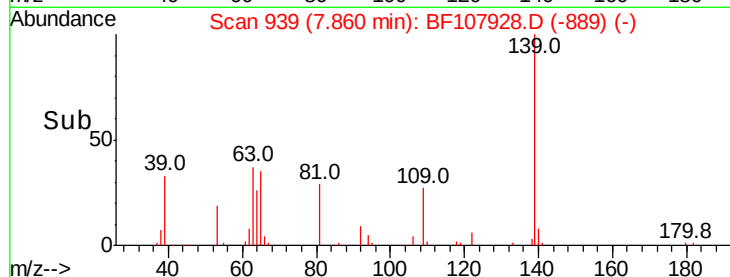
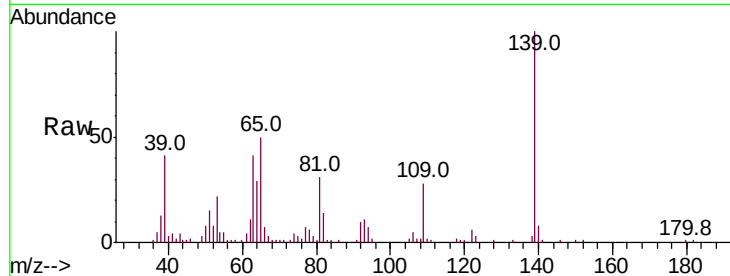
#26
2-Nitrophenol
Concen: 27.162 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.7	22.7	34.1	
65	49.6	40.5	60.7	

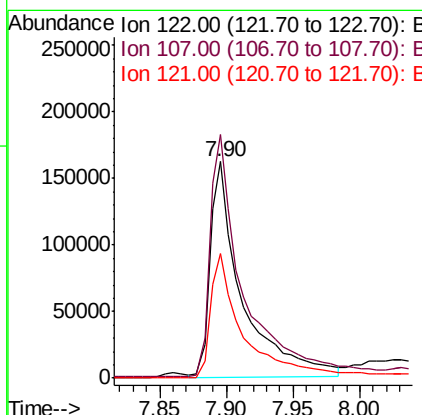
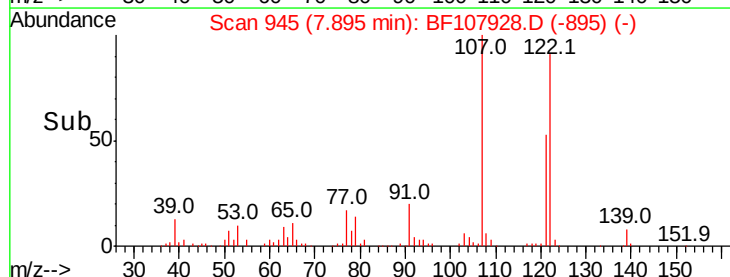
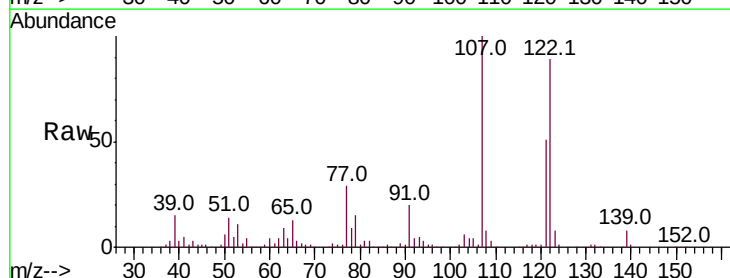
Manual Integrations
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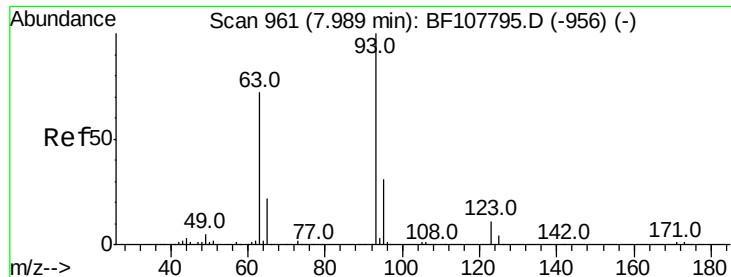
Sohil
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#27
2,4-Dimethylphenol
Concen: 39.441 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.5	91.2	136.8	
121	57.7	47.2	70.8	





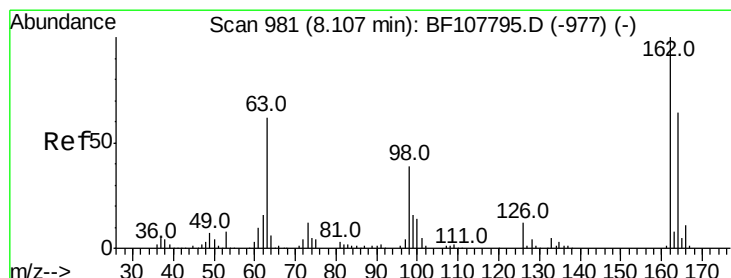
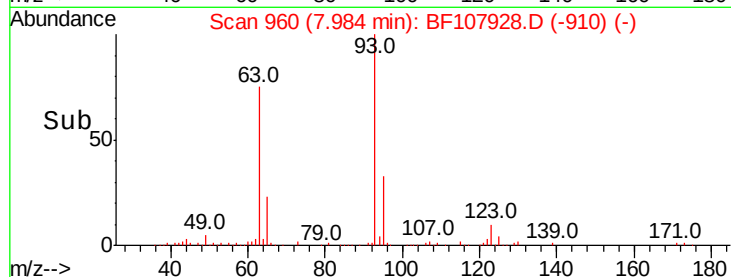
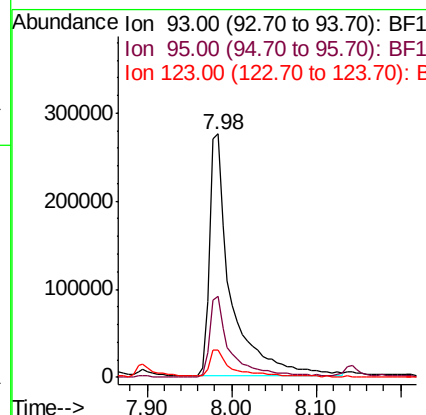
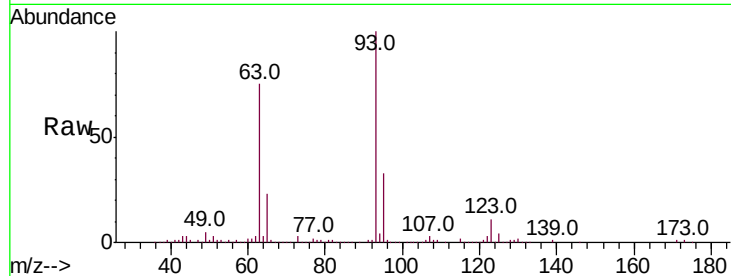
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.931 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.4	26.3	39.5	
123	11.3	9.8	14.6	

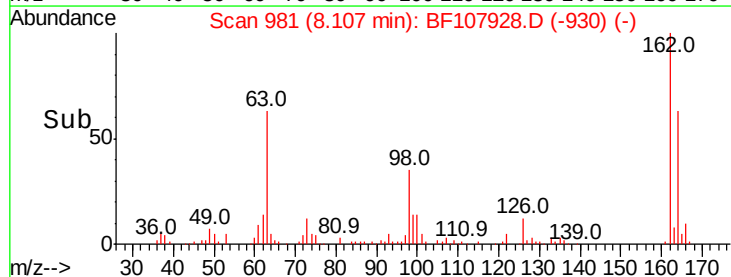
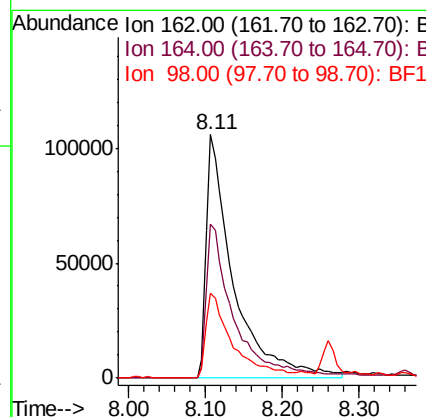
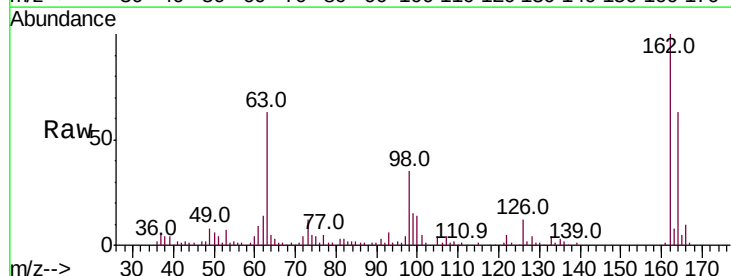
Manual Integrations
 APPROVED

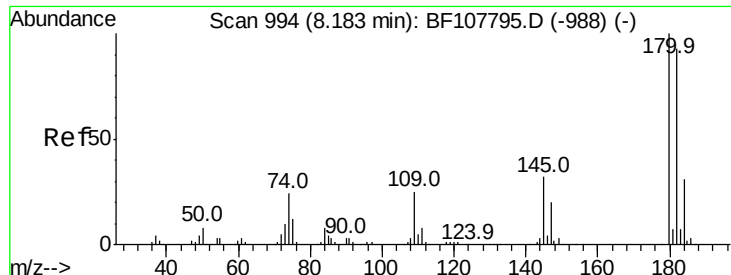
Sohil
 8/3/2018 12:53:37 PM



#29
 2,4-Dichlorophenol
 Concen: 33.436 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.1	42.7	82.7	
98	35.0	18.1	58.1	





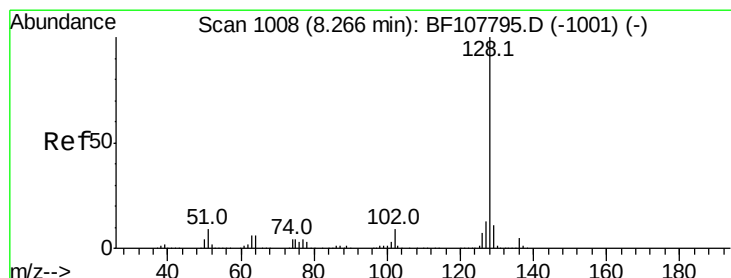
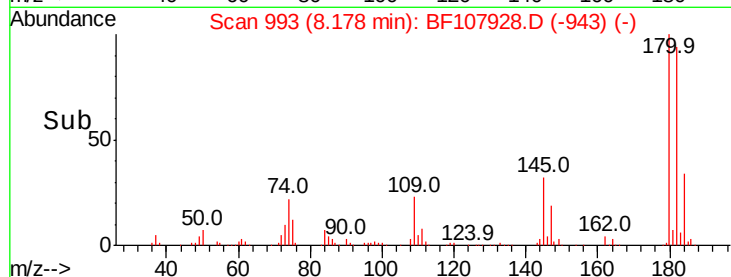
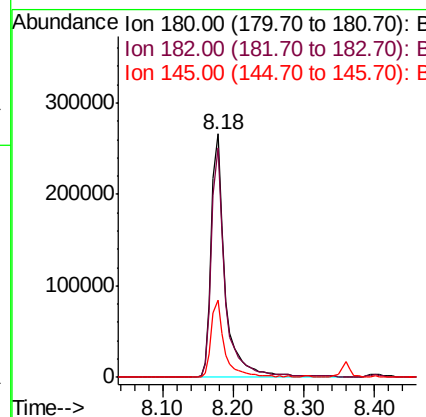
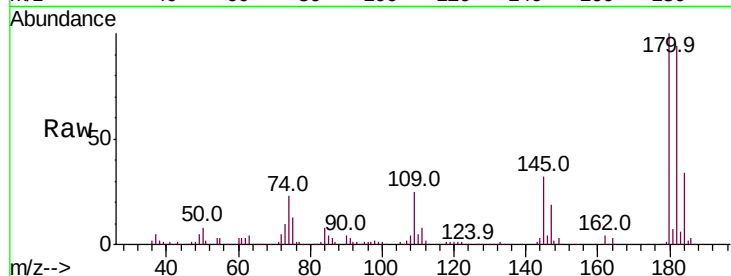
#30
 1,2,4-Trichlorobenzene
 Concen: 41.283 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	365931		
182	94.2	76.8	115.2	
145	31.8	26.5	39.7	

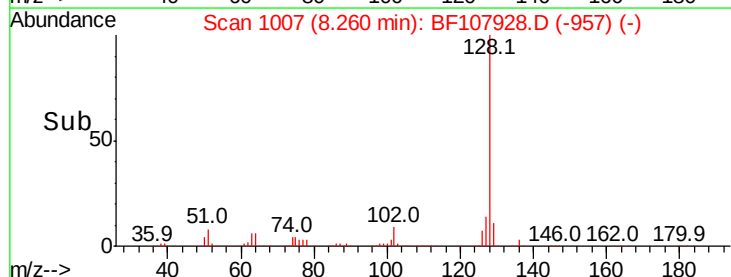
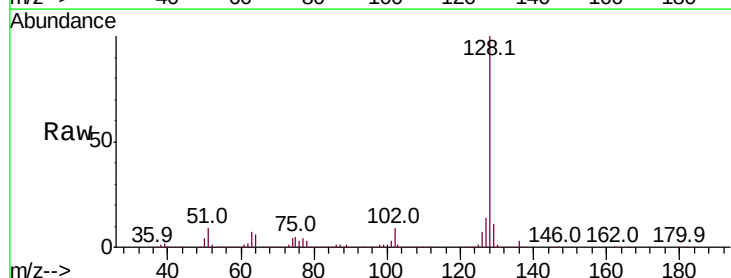
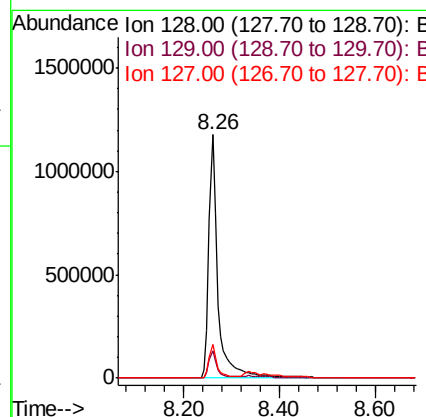
Manual Integrations
 APPROVED

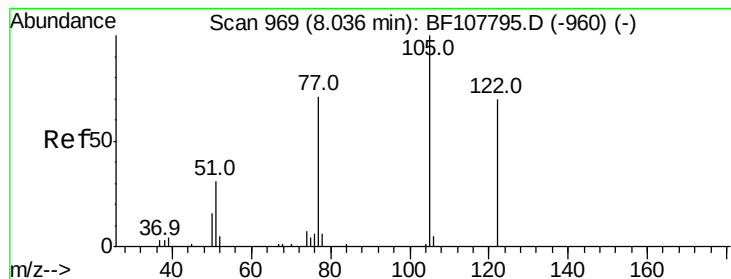
Sohil
 8/3/2018 12:53:37 PM



#31
 Naphthalene
 Concen: 59.168 ng
 RT: 8.26 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1544840		
129	11.5	8.8	13.2	
127	13.8	10.9	16.3	





#32

Benzoic acid

Concen: 13.049 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

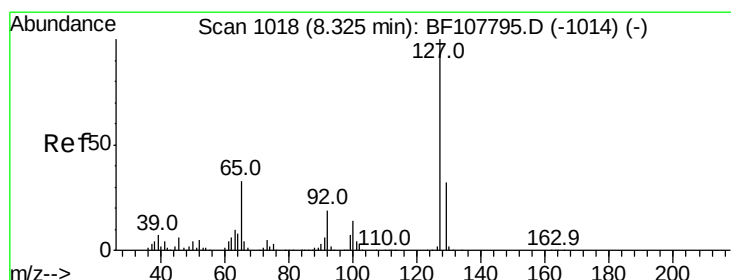
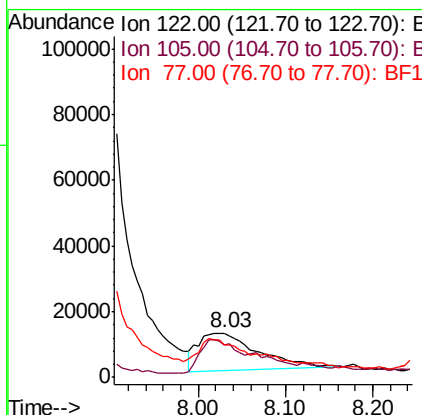
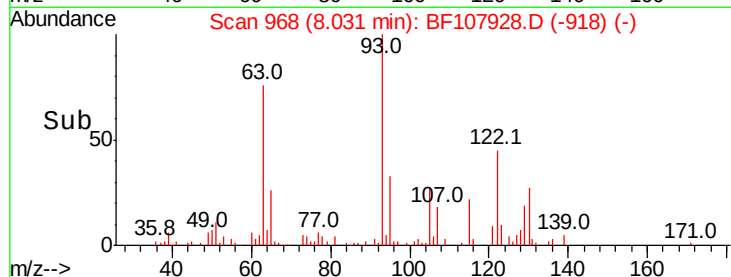
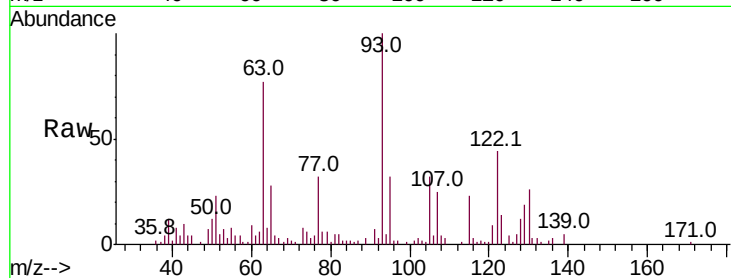
ClientSampled :

GW-03MS

Tot Ion:	122	Resp:	55366
Ion Ratio	Lower	Upper	
122	100		
105	73.1	101.1	141.1#
77	73.1	70.7	110.7

Manual Integrations
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8/3/2018 12:53:37 PM



#33

4-Chloroaniline

Concen: 11.783 ng

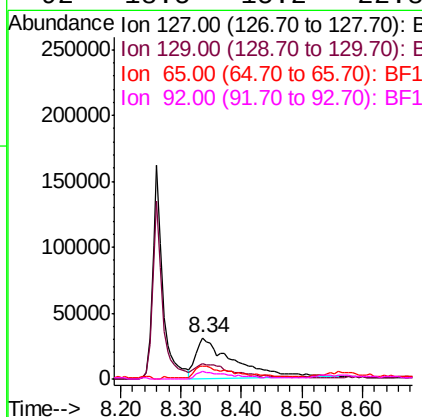
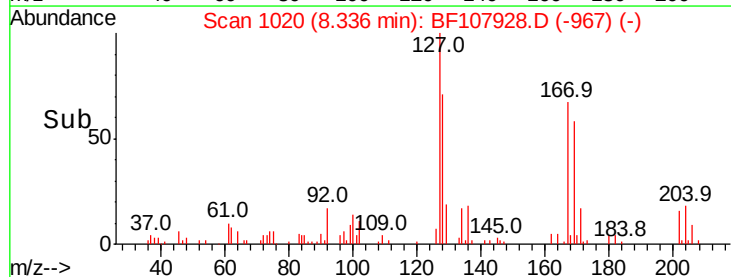
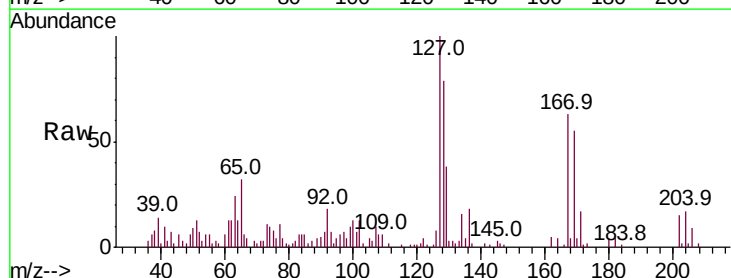
RT: 8.34 min Scan# 1020

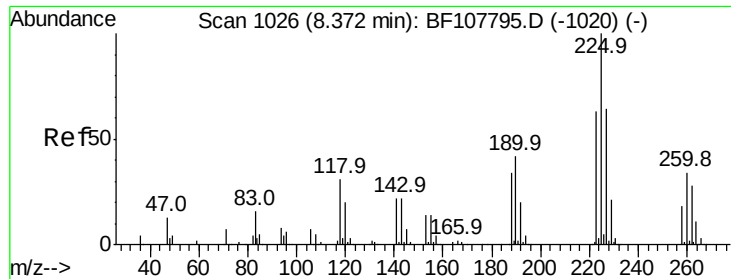
Delta R.T. 0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	127	Resp:	131411
Ion Ratio	Lower	Upper	
127	100		
129	38.3	25.9	38.9
65	31.6	25.0	37.4
92	18.5	15.2	22.8





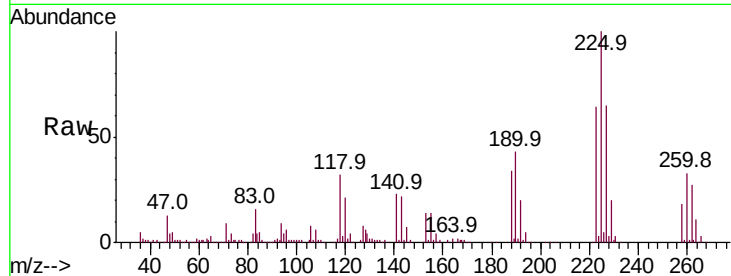
#34
Hexachlorobutadiene
Concen: 38.373 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	210191		
223	64.3	50.6	76.0	
227	65.3	51.9	77.9	

Manual Integrations
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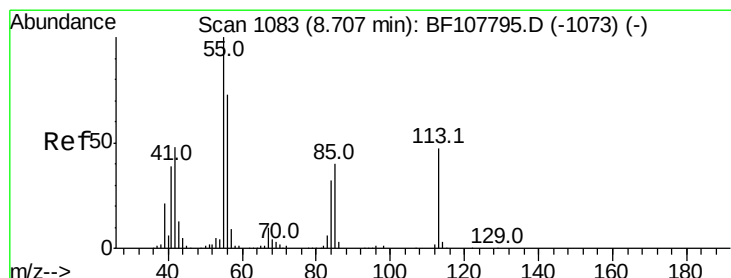
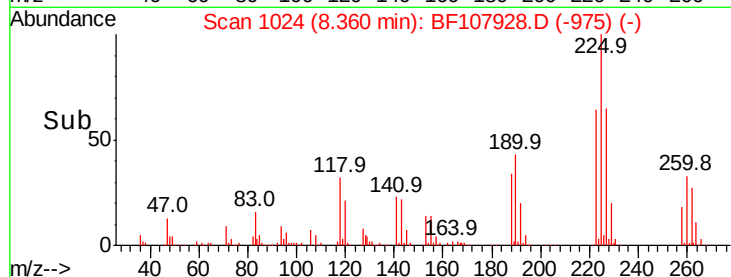
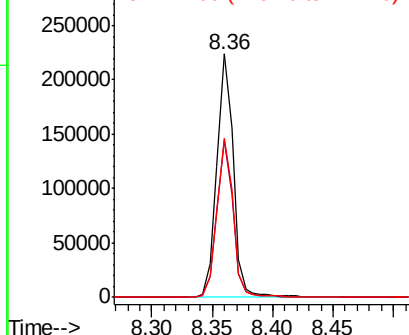


Abundance

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: 5.627 ng
RT: 8.71 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

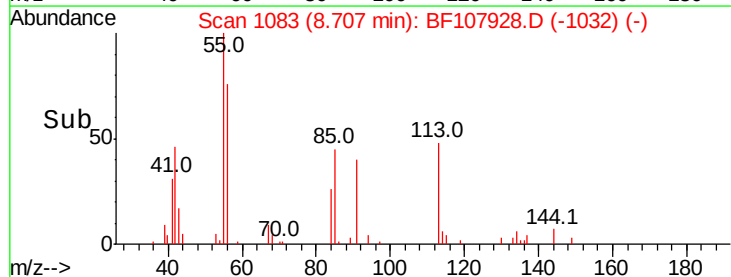
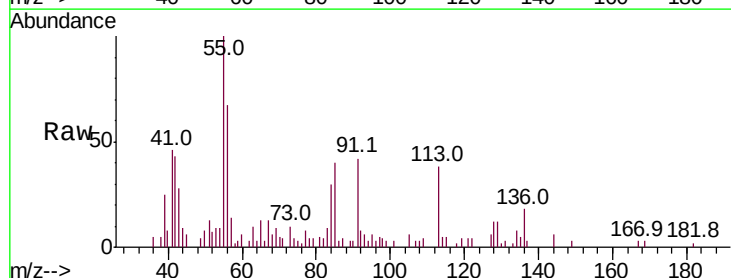
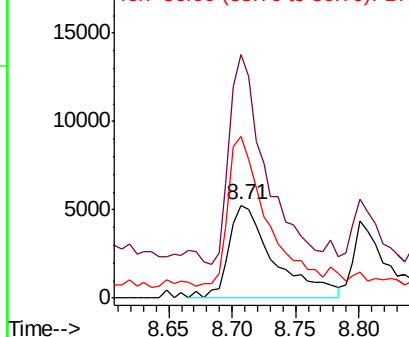
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	13163		
55	261.8	163.3	203.3#	
56	174.3	115.7	155.7#	

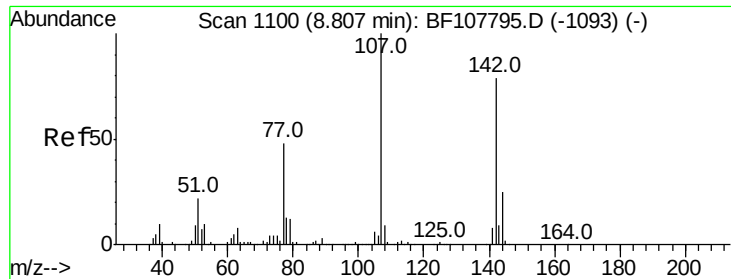
Abundance

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





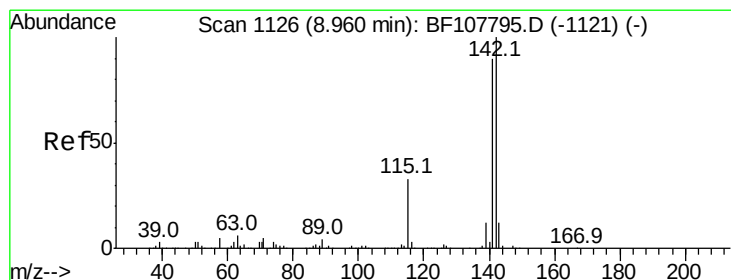
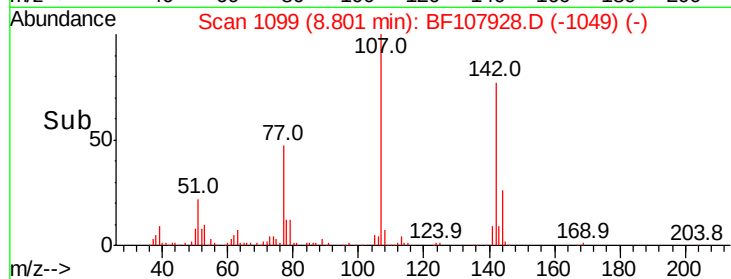
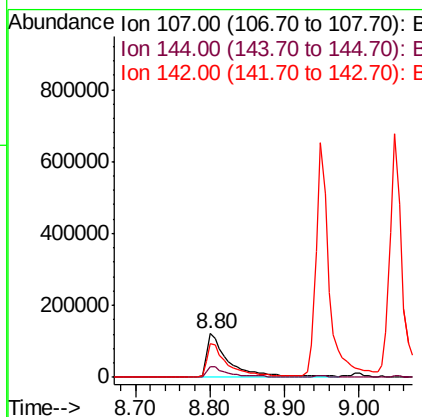
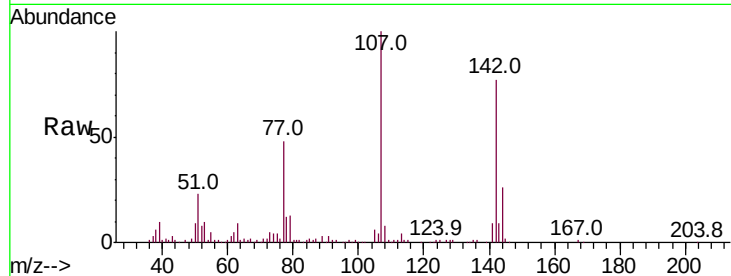
#36
4-Chloro-3-methylphenol
Concen: 29.668 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	250356		
144	25.7	20.5	30.7	
142	76.7	62.0	93.0	

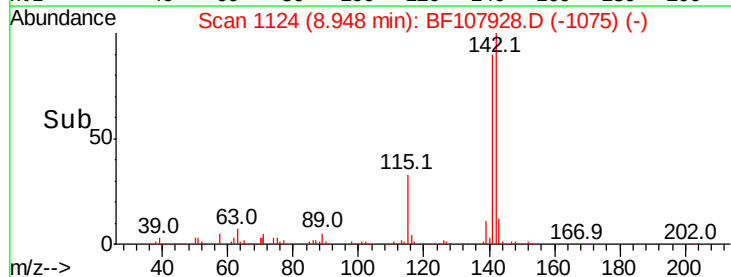
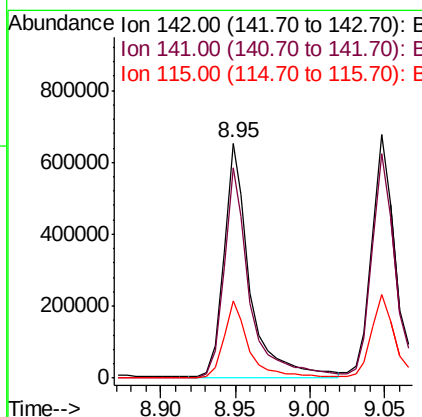
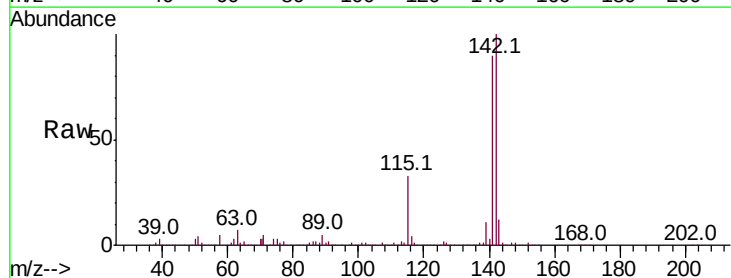
Manual Integrations
APPROVED

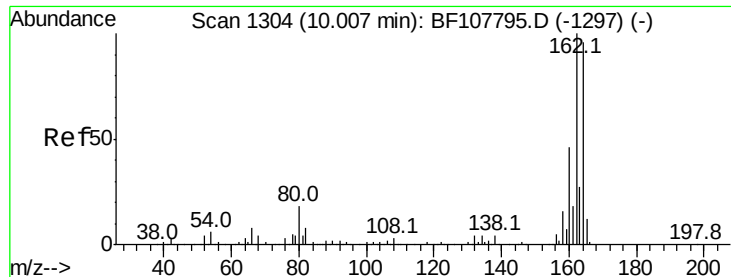
Sohil
8/3/2018 12:53:37 PM



#37
2-Methylnaphthalene
Concen: 48.519 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	795747		
141	89.5	70.8	106.2	
115	32.6	26.1	39.1	





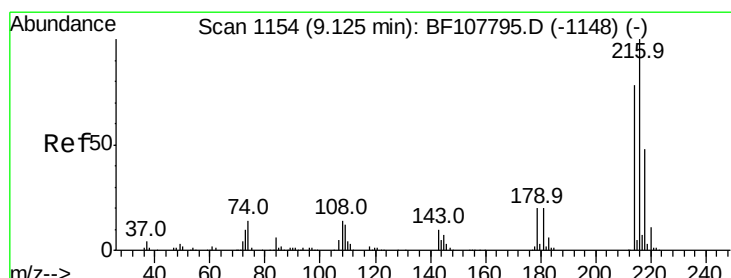
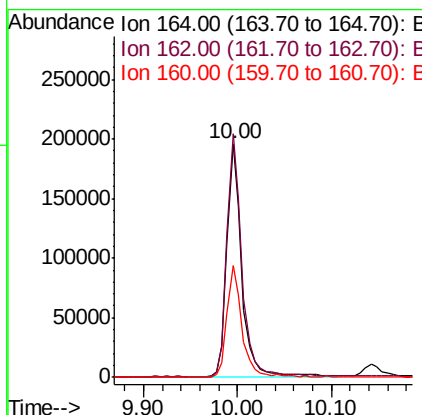
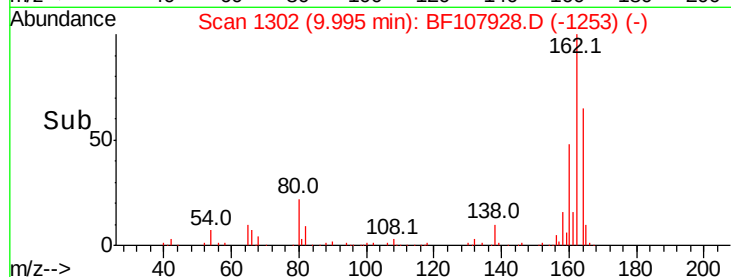
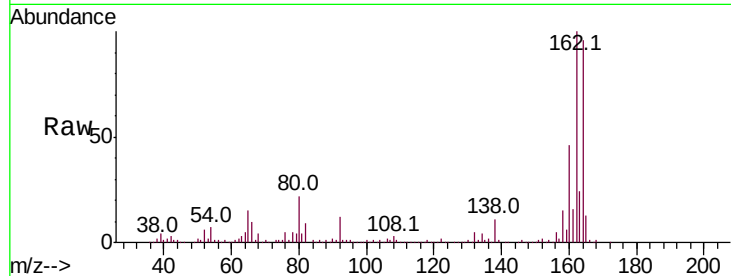
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	215756		
162	104.2	86.1	129.1	
160	48.0	38.3	57.5	

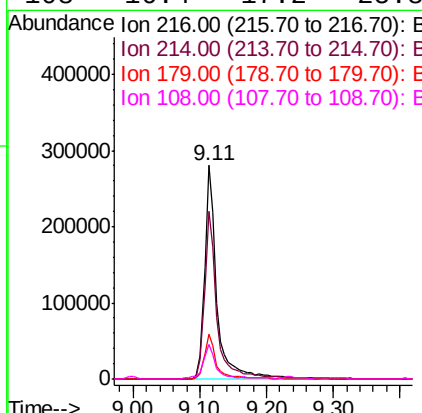
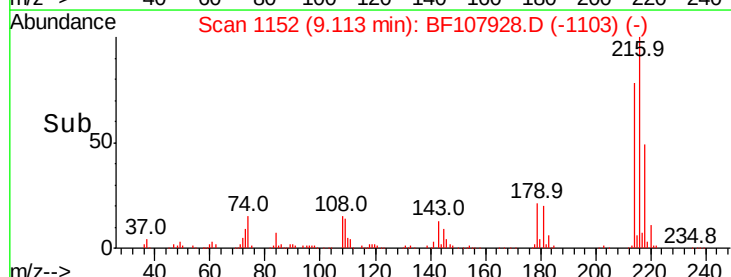
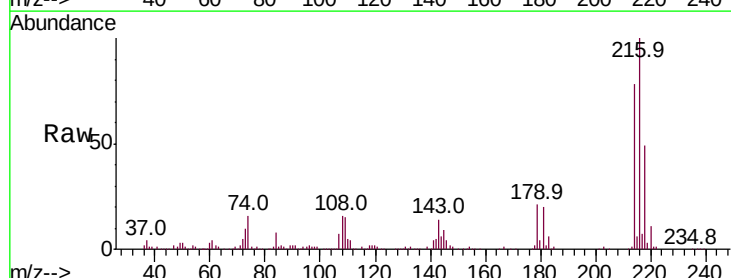
Manual Integrations
APPROVED

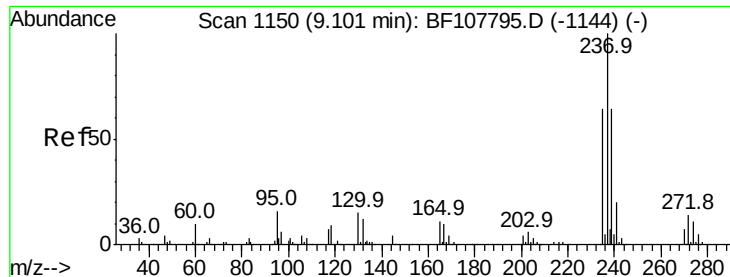
Sohil
8/3/2018 12:53:37 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.398 ng
RT: 9.11 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	356026		
214	79.3	63.0	94.4	
179	20.3	18.1	27.1	
108	16.4	17.2	25.8	





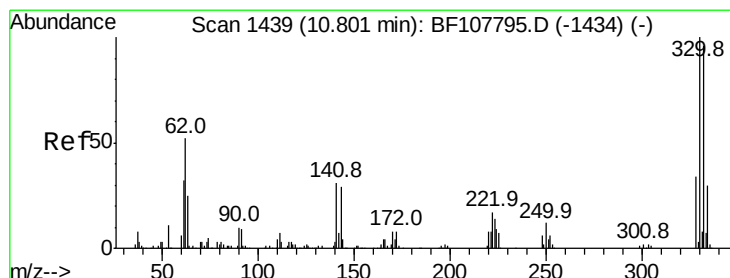
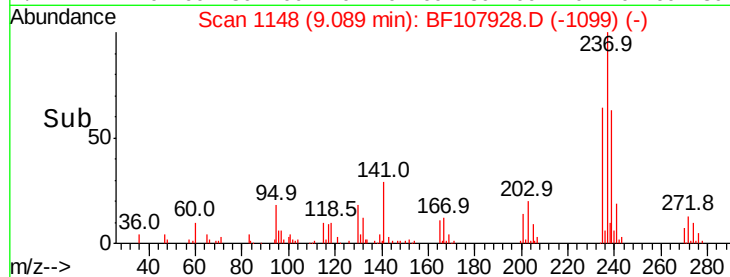
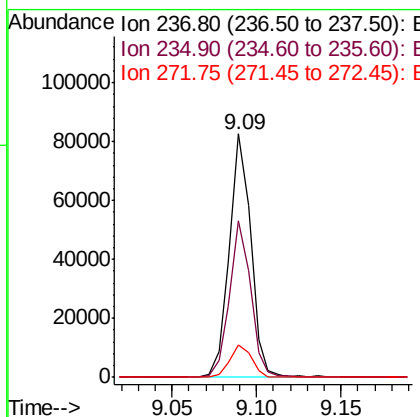
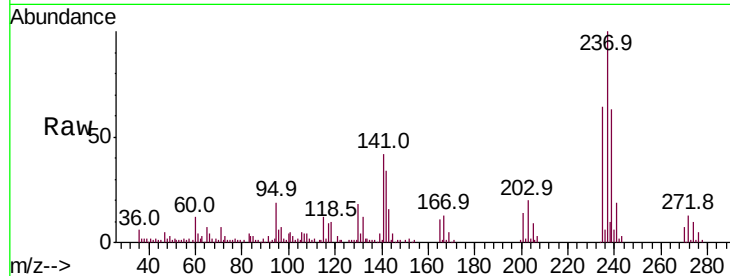
#40
 Hexachlorocyclopentadiene
 Concen: 28.371 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampled :
 GW-03MS

Tot Ion:	237	Resp:	73139
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.8	84.8
272	13.1	0.0	33.3

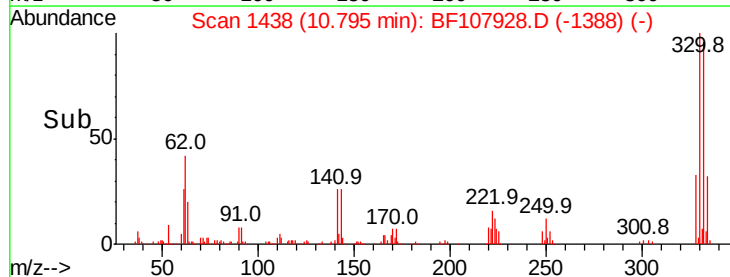
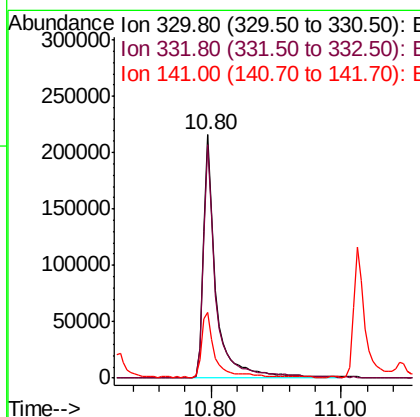
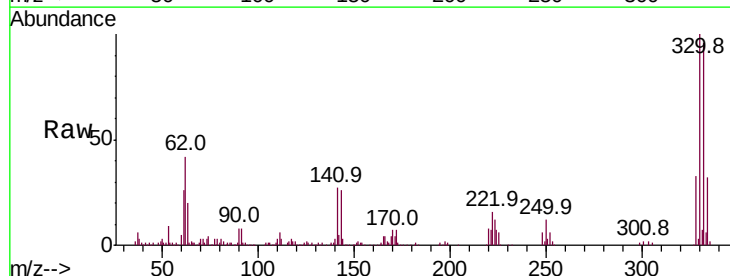
Manual Integrations
 APPROVED

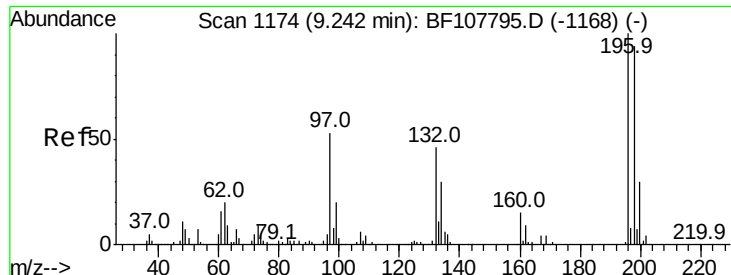
Sohil
 8/3/2018 12:53:37 PM



#41
 2,4,6-Tribromophenol
 Concen: 99.868 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion:	330	Resp:	292783
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.0	115.6
141	26.1	29.9	44.9#





#42

2,4,6-Trichlorophenol

Concen: 41.386 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

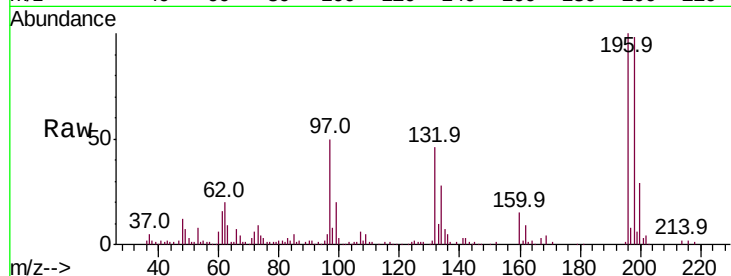
ClientSampleId :

GW-03MS

Tot Ion:	196	Resp:	168306
Ion Ratio	Lower	Upper	
196	100		
198	98.4	75.7	113.5
200	29.2	24.5	36.7

Manual Integrations
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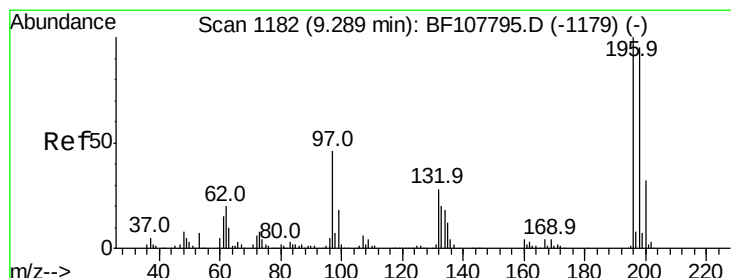
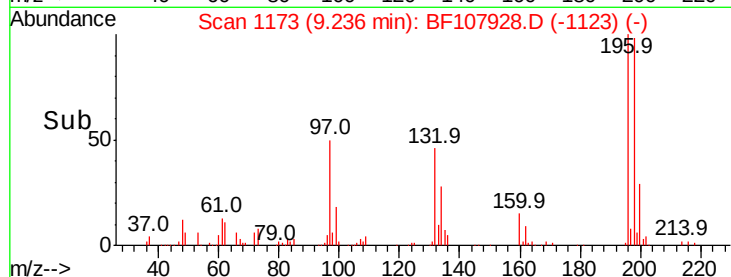
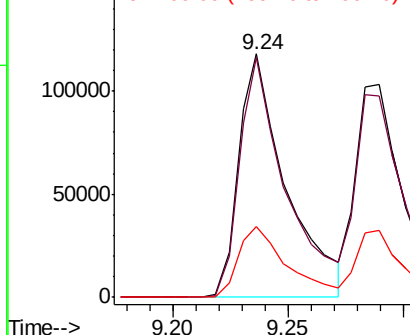


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 39.447 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	196	Resp:	193127
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	46.5	42.9	64.3
132	30.0	26.3	39.5

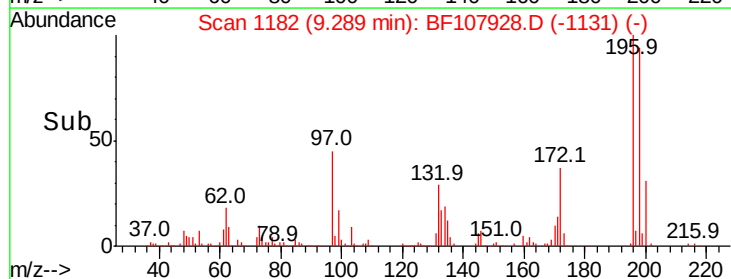
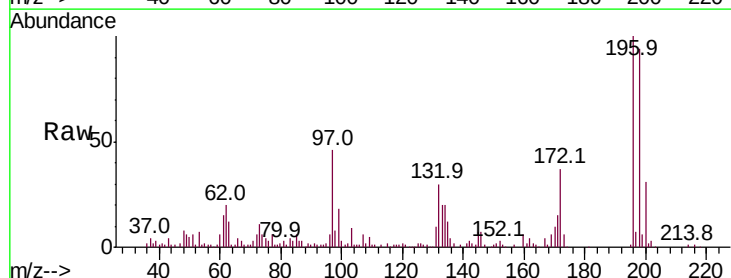
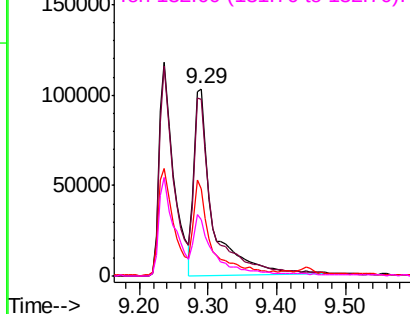
Abundance

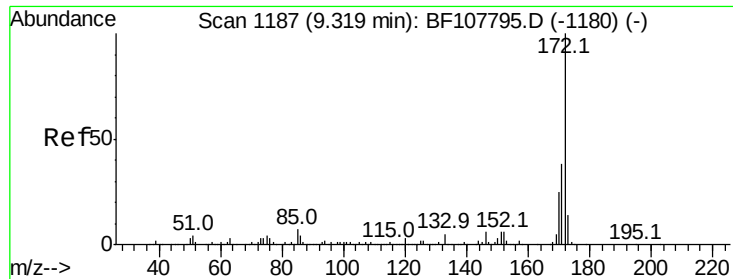
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





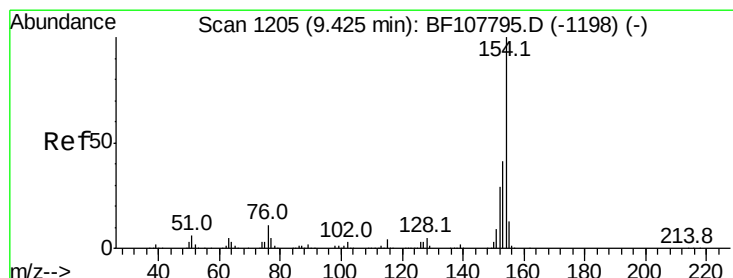
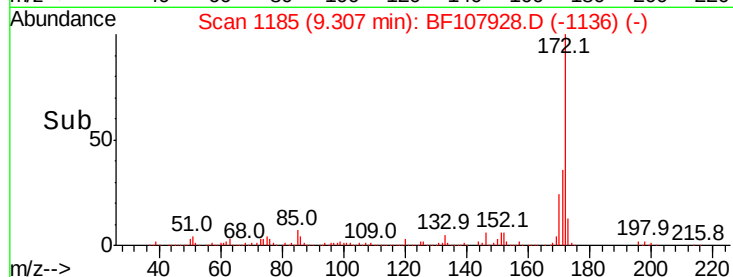
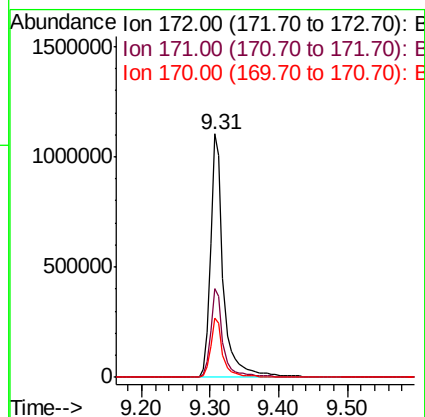
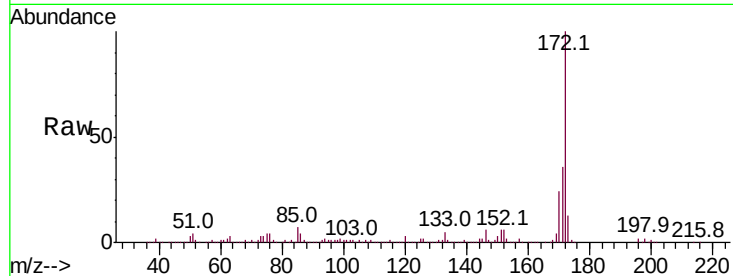
#44
2-Fluorobiphenyl
Concen: 94.694 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

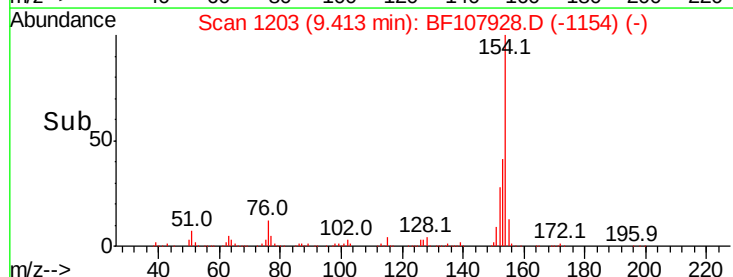
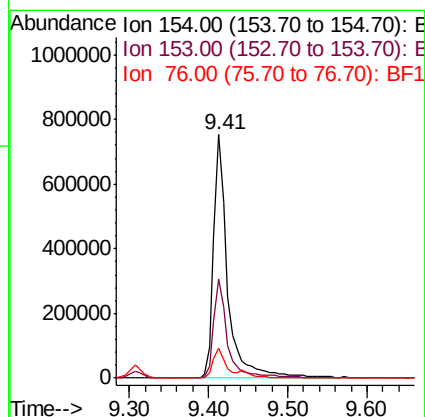
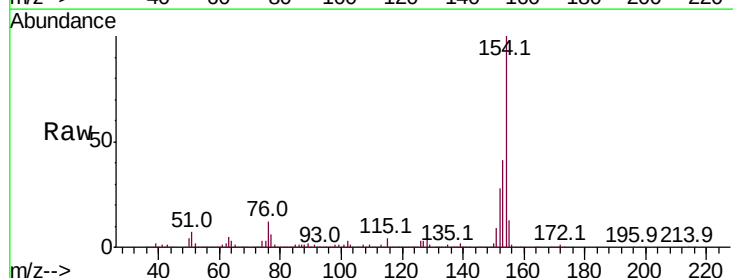
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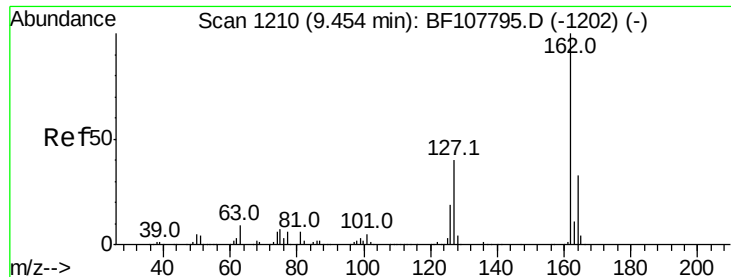
Sohil
8/3/2018 12:53:37 PM



#45
1,1'-Biphenyl
Concen: 47.504 ng
RT: 9.41 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.2	0.0	34.0





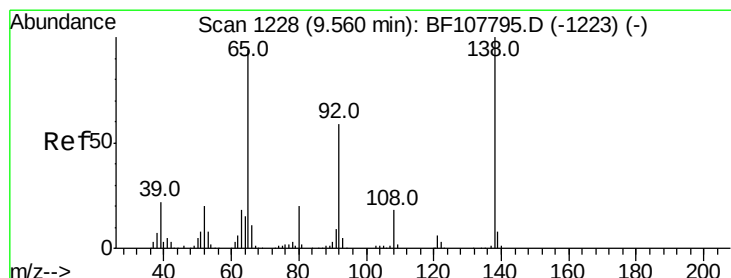
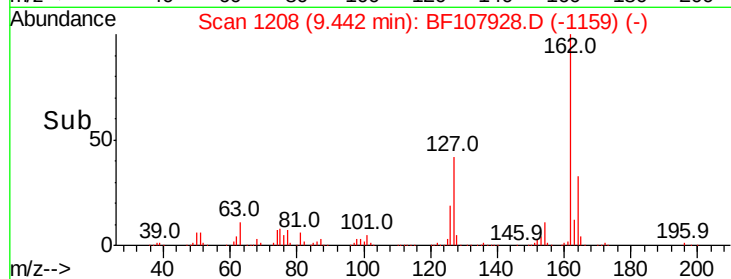
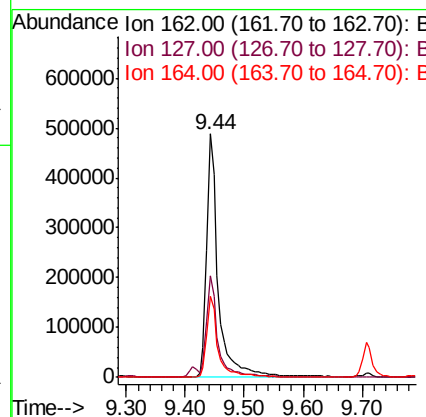
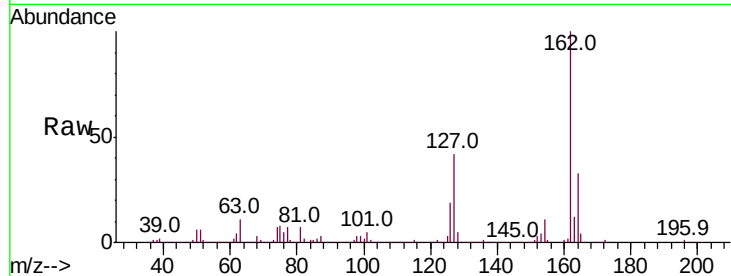
#46
 2-Chloronaphthalene
 Concen: 45.520 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	674000		
127	41.7	33.9	50.9	
164	33.3	26.5	39.7	

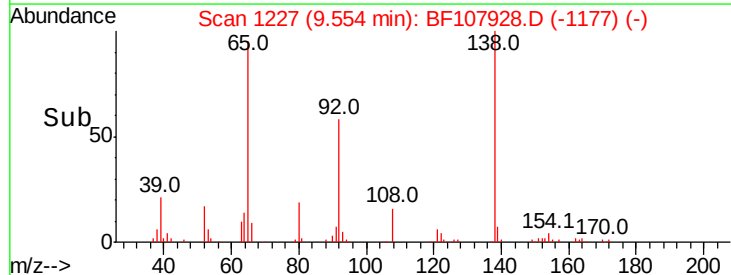
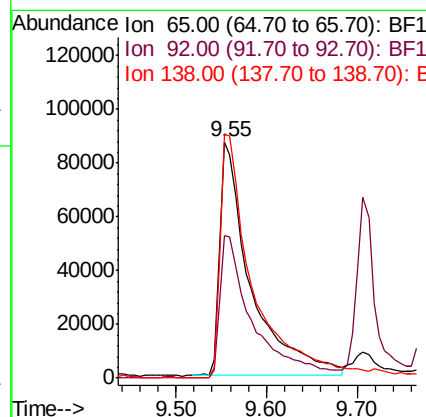
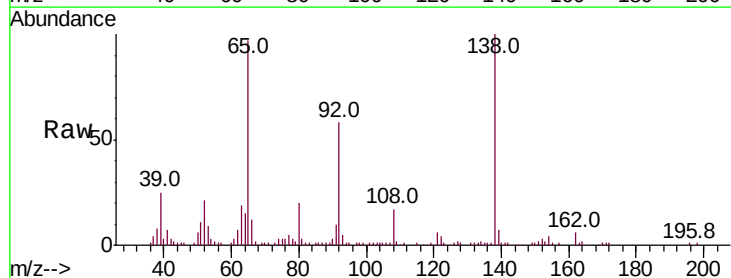
Manual Integrations
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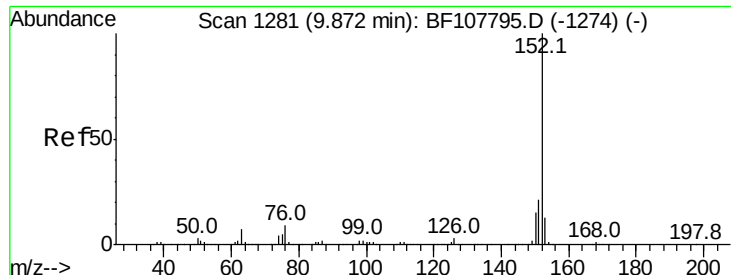
Sohil
 8/3/2018 12:53:37 PM



#47
 2-Nitroaniline
 Concen: 42.831 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	206287		
92	60.3	55.8	83.6	
138	103.2	91.2	136.8	





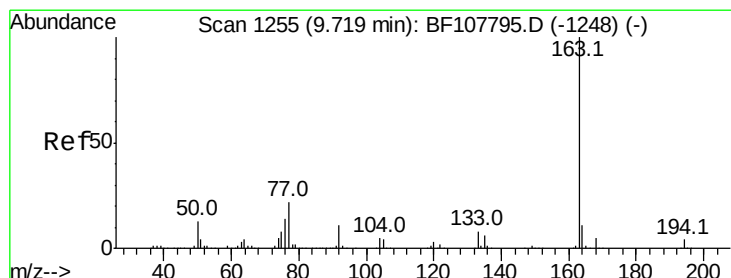
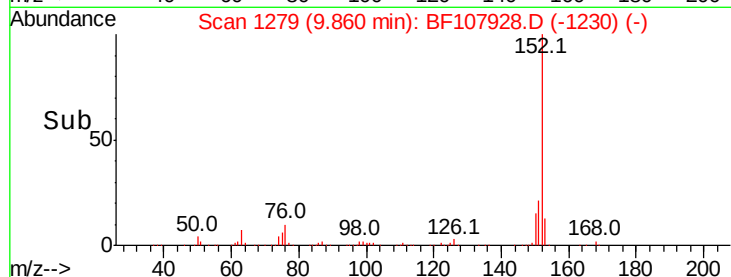
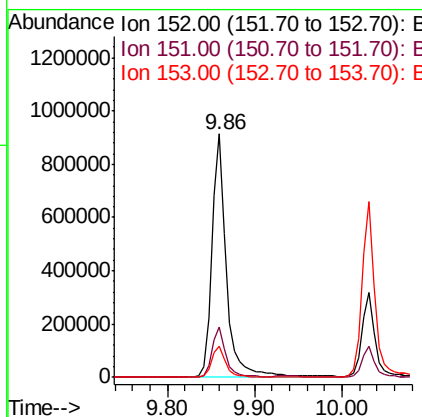
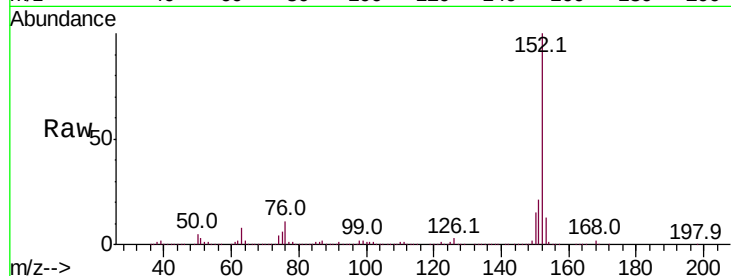
#48
Acenaphthylene
Concen: 45.733 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	12.9	10.7	16.1

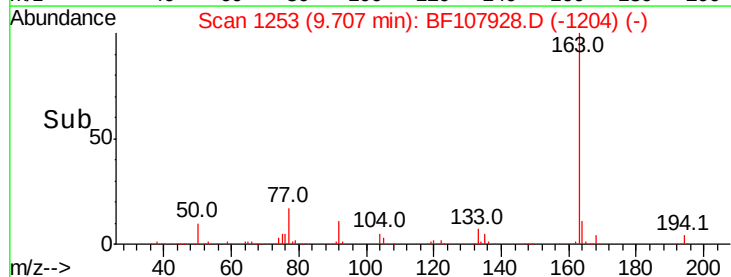
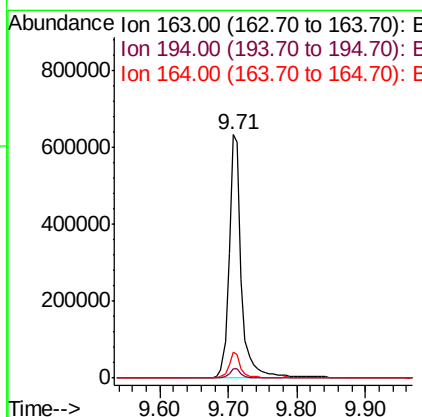
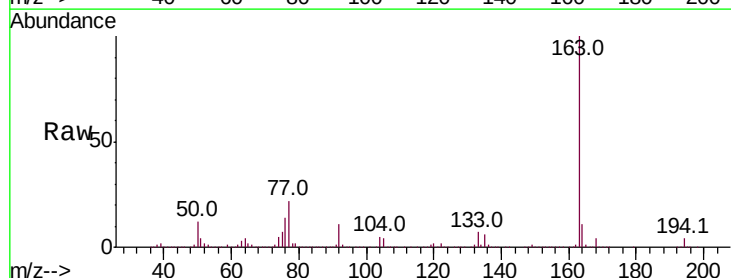
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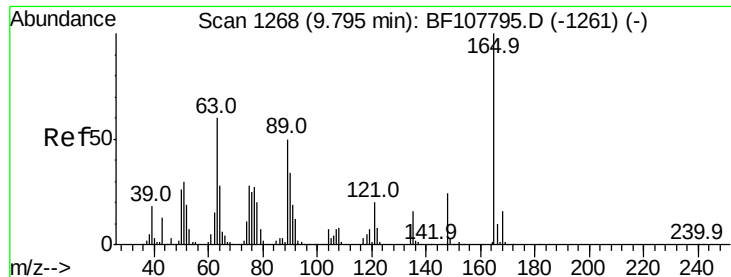
Sohil
8/3/2018 12:53:37 PM



#49
Dimethylphthalate
Concen: 49.853 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.9	8.2	12.2





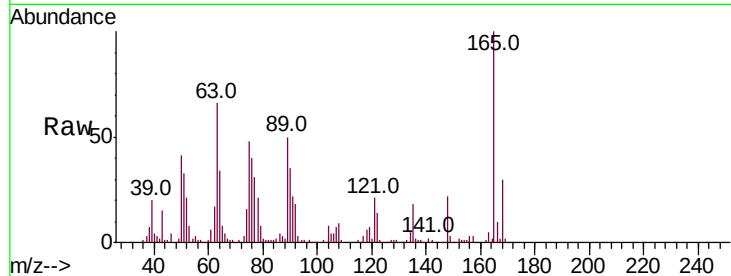
#50
 2,6-Dinitrotoluene
 Concen: 40.929 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

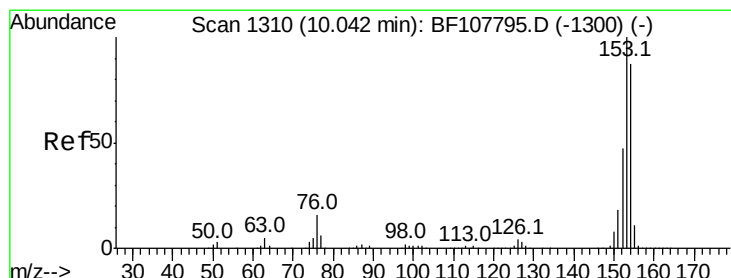
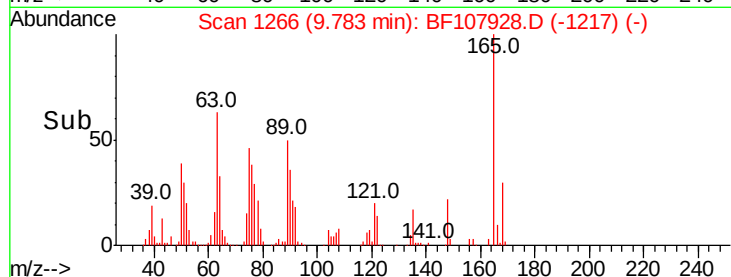
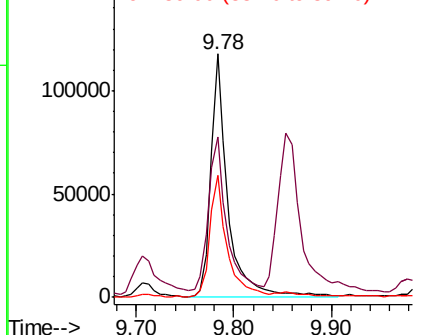
Tot Ion:	165	Resp:	144123
Ion Ratio	Lower	Upper	
165	100		
63	65.9	44.7	67.1
89	50.3	44.0	66.0

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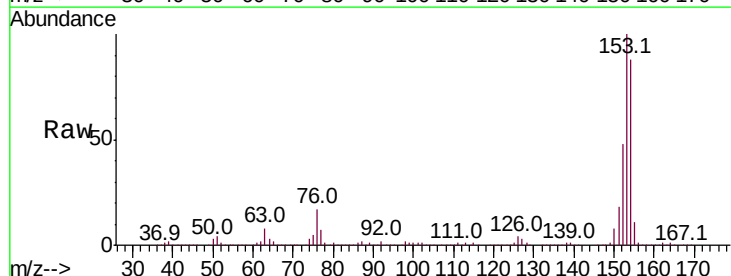


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

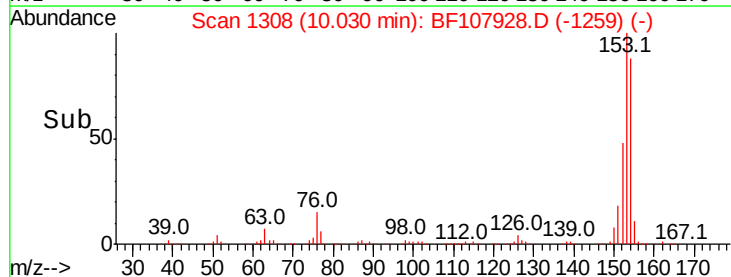
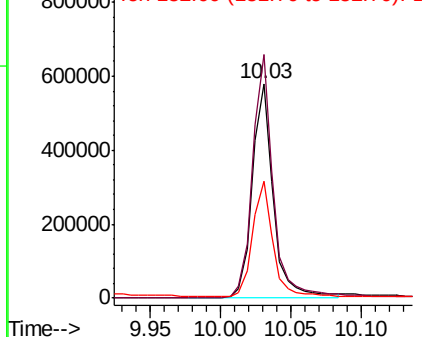


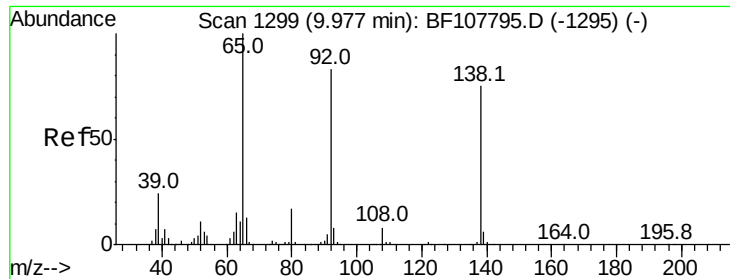
#51
 Acenaphthene
 Concen: 45.321 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion:	154	Resp:	604327
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	54.7	43.8	65.8



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





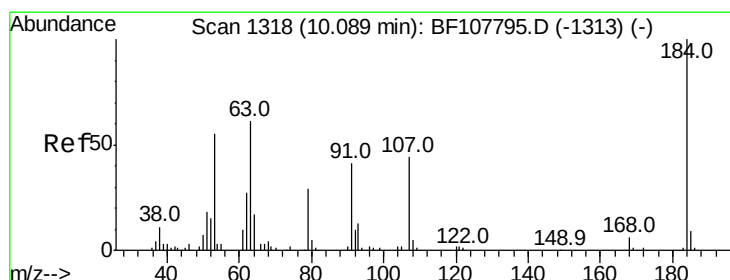
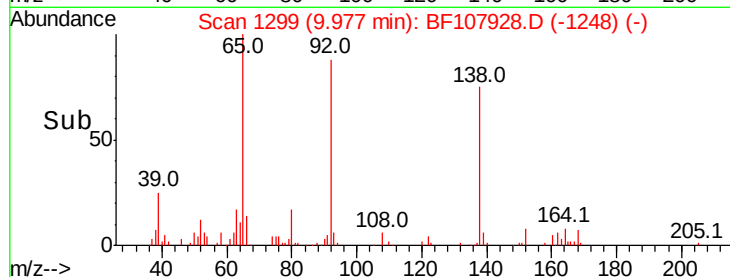
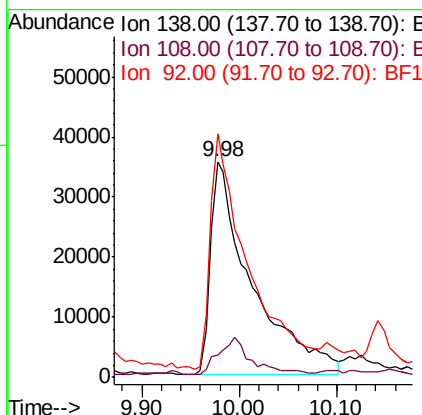
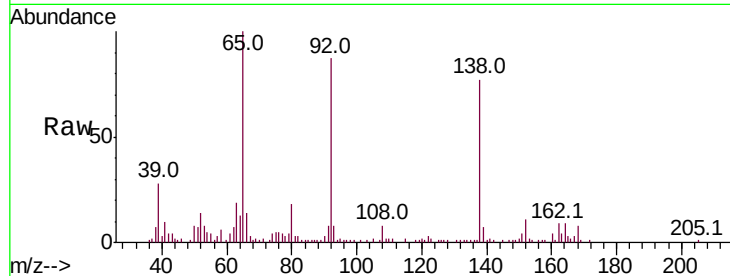
#52
3-Nitroaniline
Concen: 23.293 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	112.8	89.4	134.2

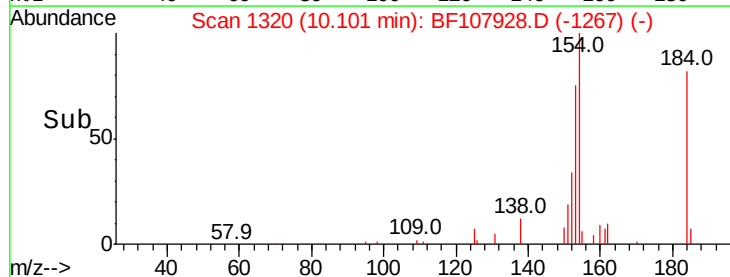
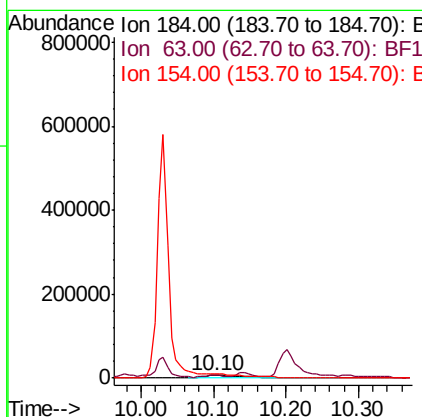
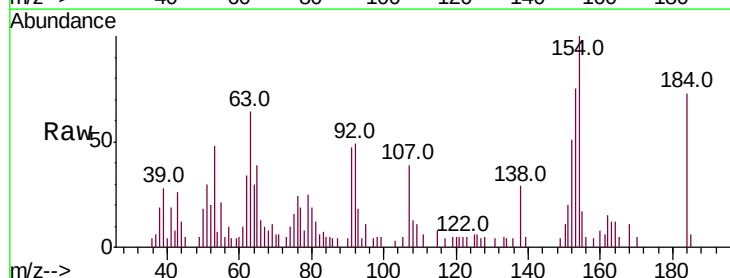
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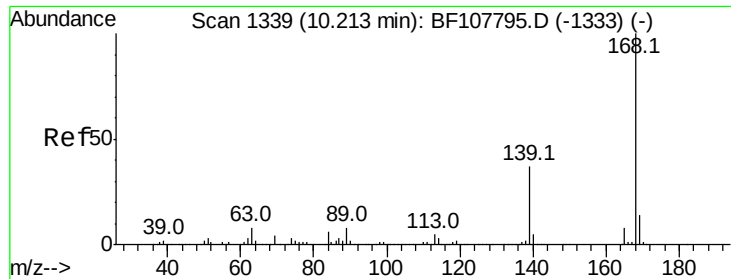
Sohil
8/3/2018 12:53:37 PM



#53
2,4-Dinitrophenol
Concen: 23.361 ng
RT: 10.10 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.7	54.2	81.2#
154	136.9	184.0	276.0#





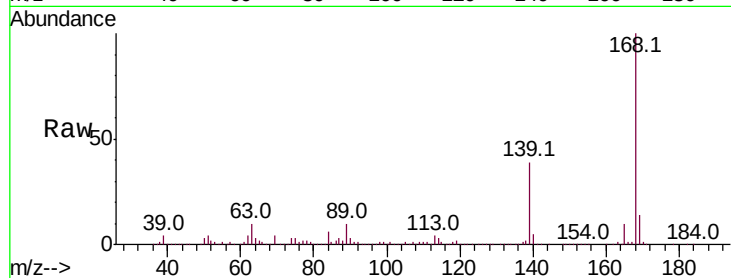
#54
Dibenzenofuran
Concen: 42.901 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	884198		
139	38.9		30.1	45.1
169	13.6		10.9	16.3

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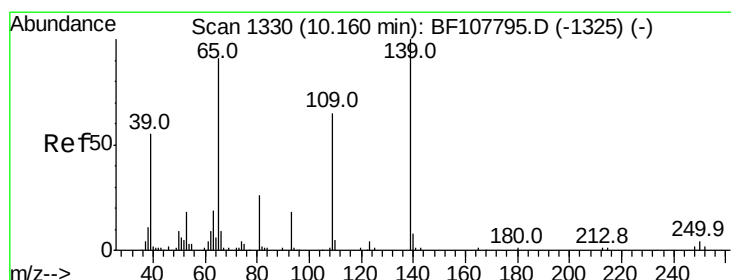
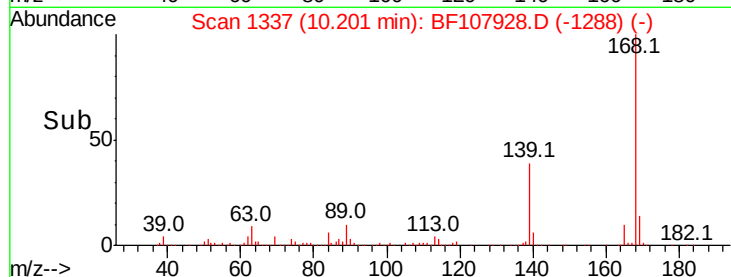
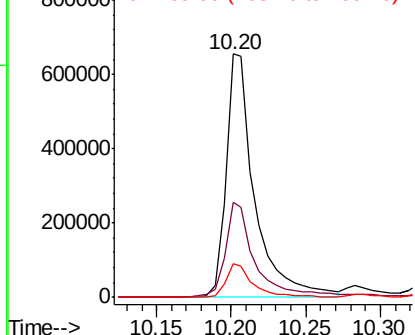


Abundance

Ion 168.00 (167.70 to 168.70): E

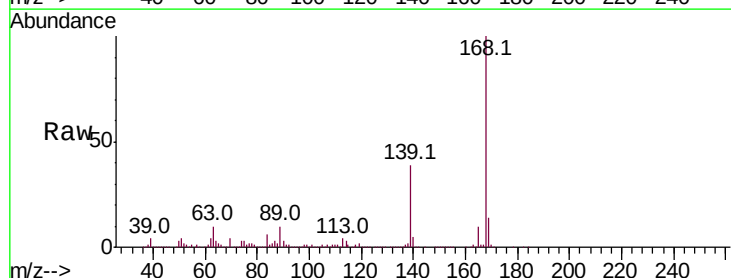
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 171.121 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.04 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	382431		
109	2.8		48.4	88.4#
65	5.9		72.6	112.6#

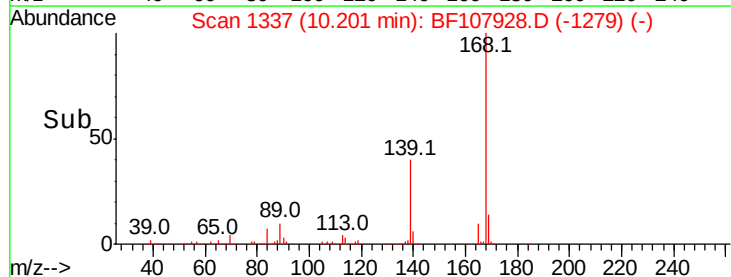
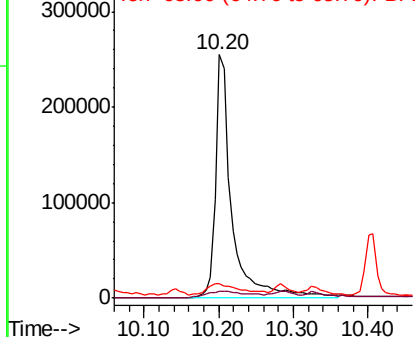


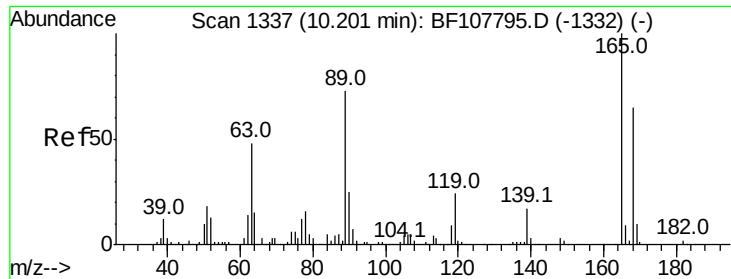
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





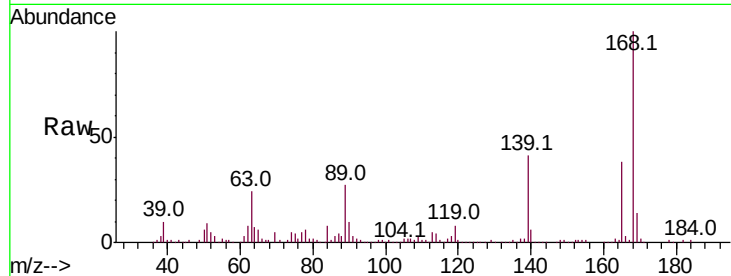
#56
2,4-Dinitrotoluene
Concen: 35.366 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163684		
63	63.6	36.4	54.6#	
89	72.0	57.8	86.6	
182	2.5	1.6	2.4#	

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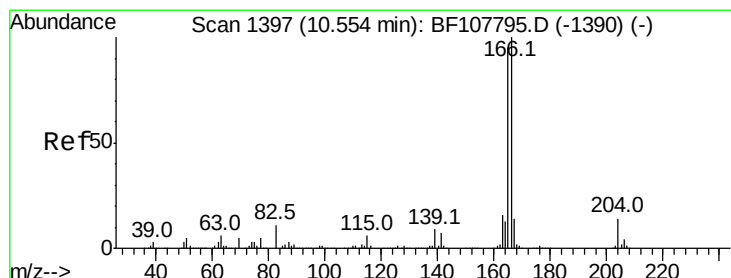
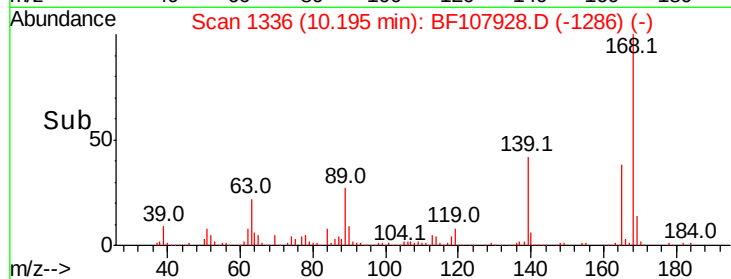
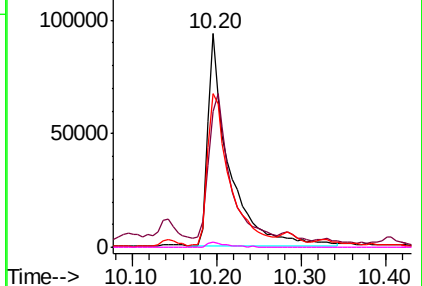
Abundance

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: 44.419 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

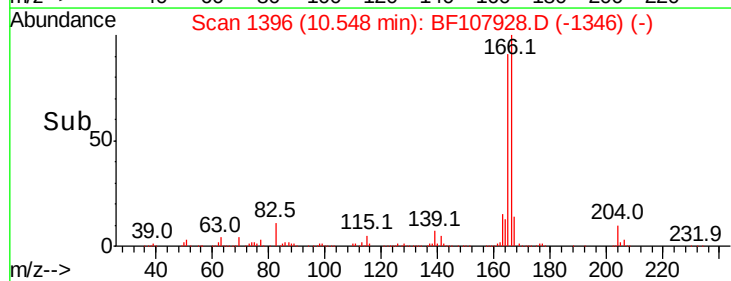
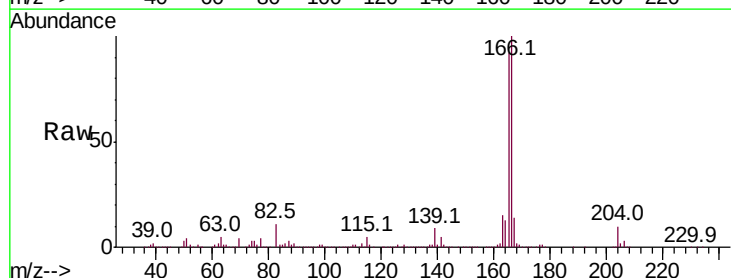
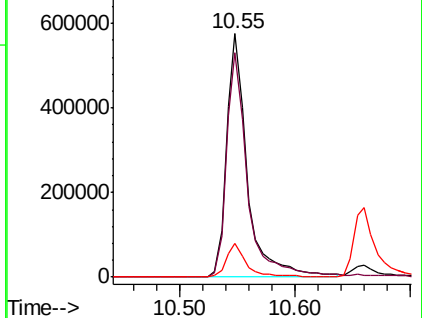
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	711482		
165	92.4	79.8	119.8	
167	13.7	10.6	16.0	

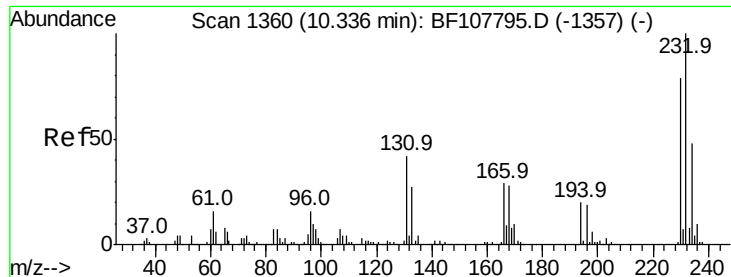
Abundance

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: 39.170 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

Tot Ion:232 Resp: 176137
Ion Ratio Lower Upper

232 100

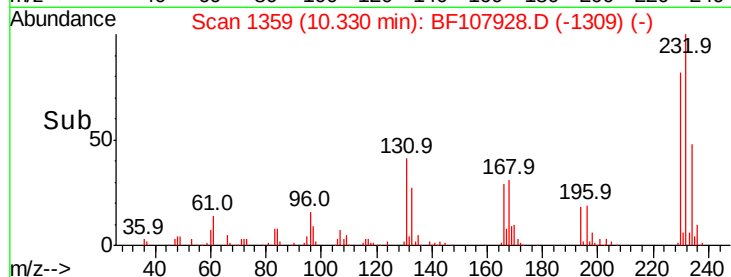
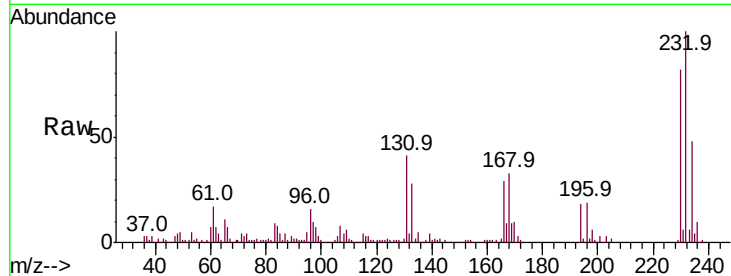
131 33.4 43.8 65.8#

130 2.1 2.1 3.1

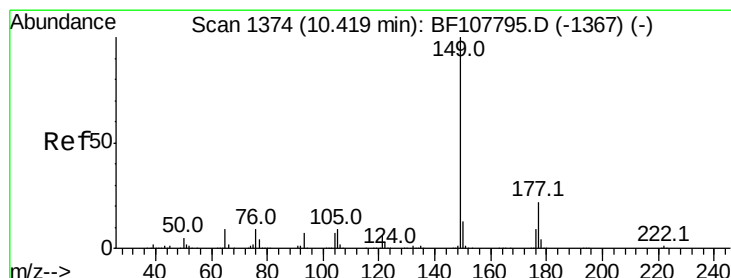
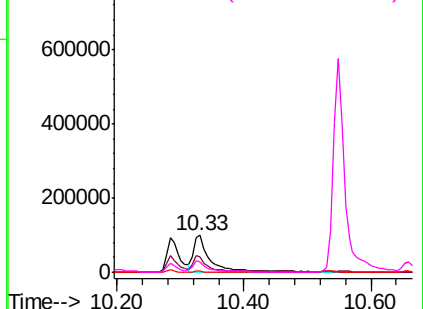
166 26.2 27.8 41.6#

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 43.556 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF107928.D

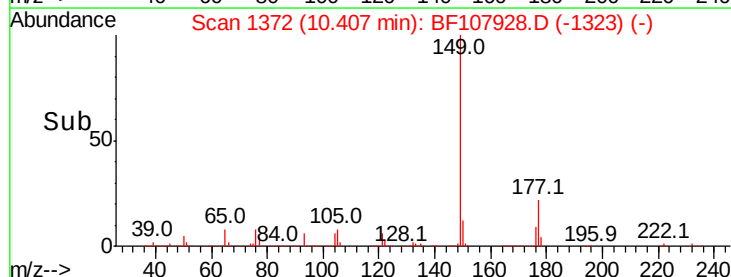
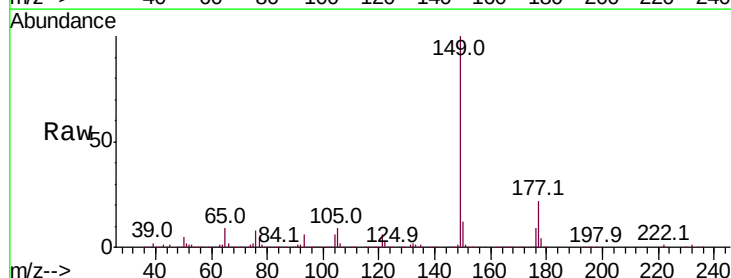
Acq: 2 Aug 2018 23:51

Tgt Ion:149 Resp: 758803
Ion Ratio Lower Upper

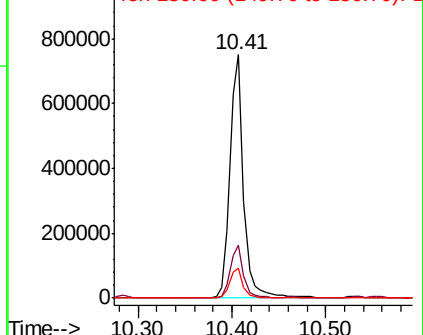
149 100

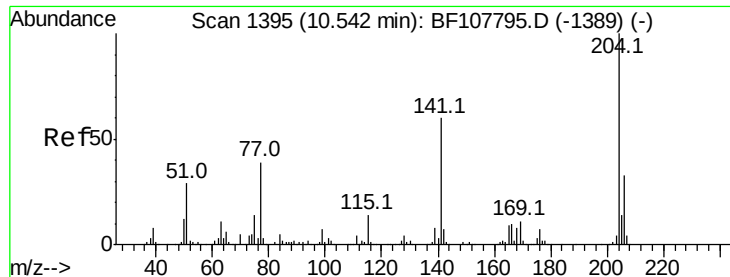
177 21.9 16.1 24.1

150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





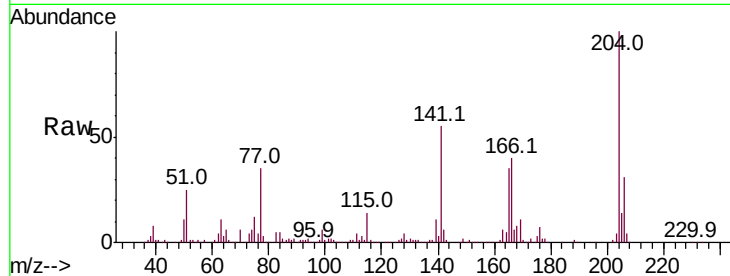
#60
4-Chlorophenyl-phenylether
Concen: 39.908 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

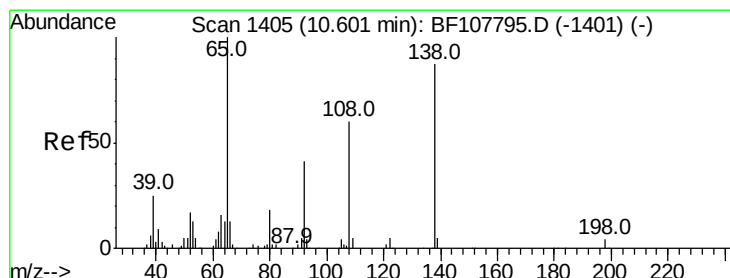
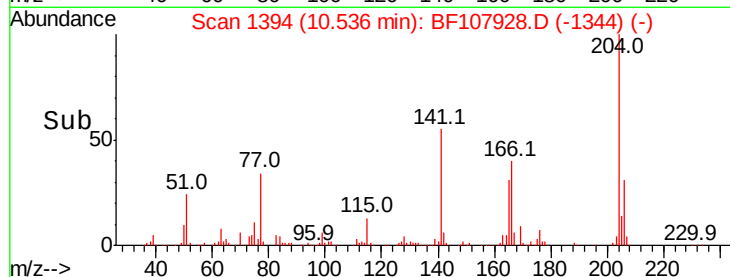
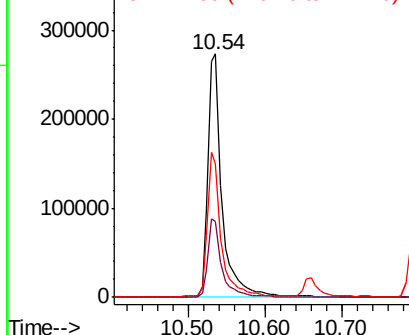
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.5	39.7
141	54.8	54.6	81.8

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8/3/2018 12:53:37 PM

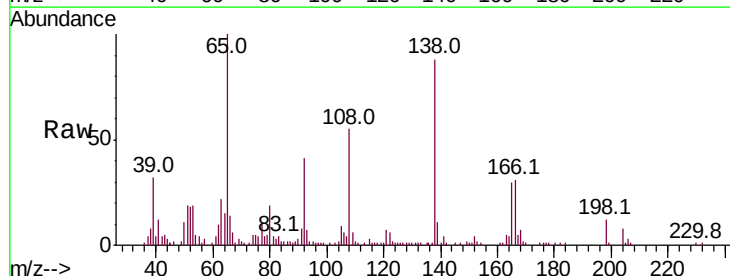


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

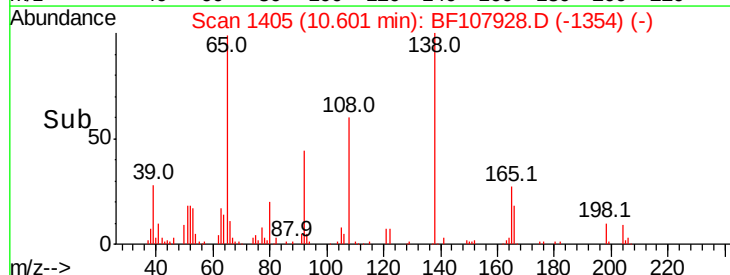
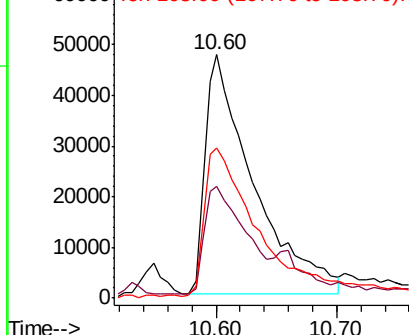


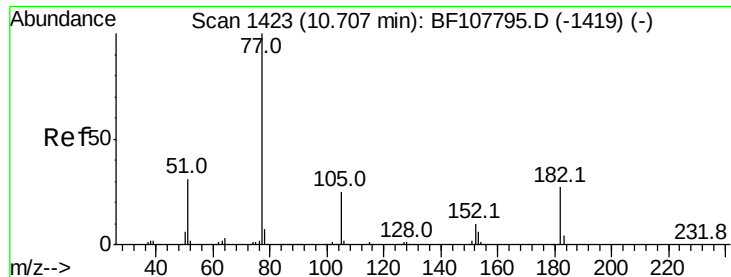
#61
4-Nitroaniline
Concen: 33.287 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	30.2	70.2
108	61.8	52.5	92.5



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





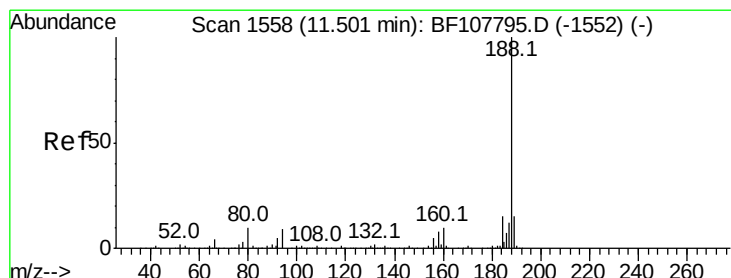
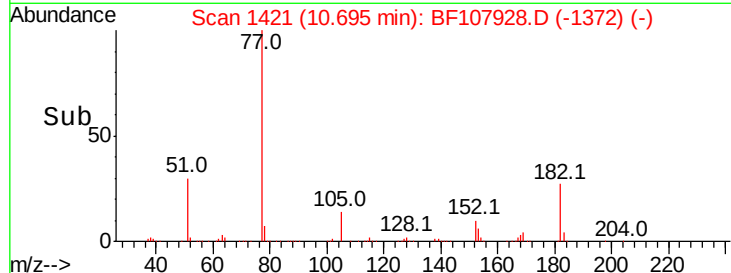
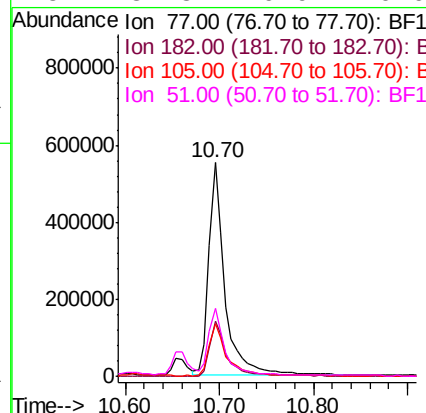
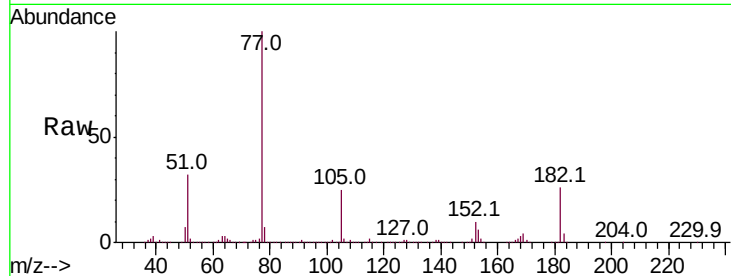
#62
Azobenzene
Concen: 40.445 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	24.7	3.0	43.0
51	31.8	9.9	49.9

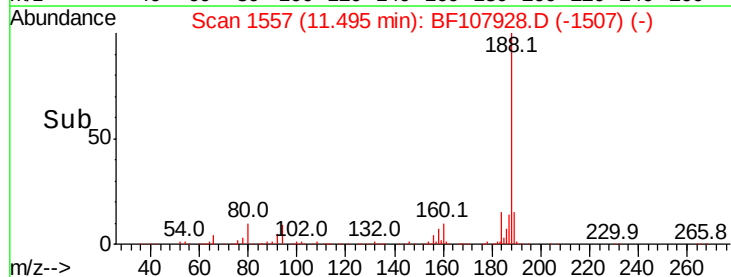
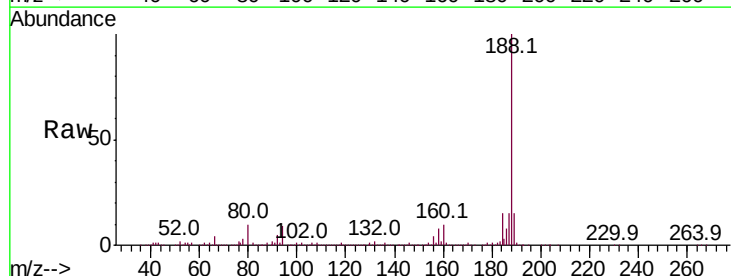
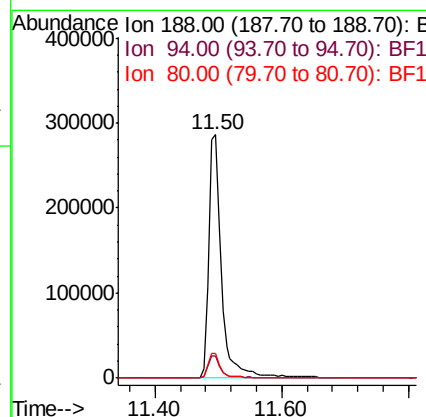
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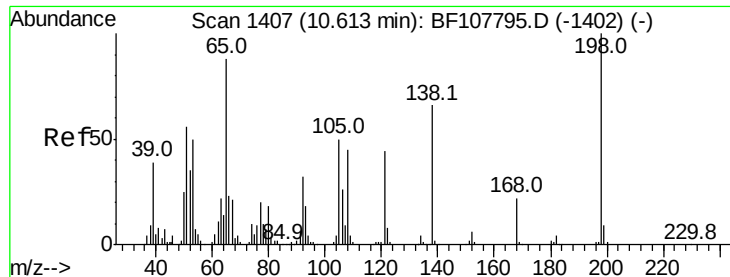
Sohil
8/3/2018 12:53:37 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.3	9.2	13.8





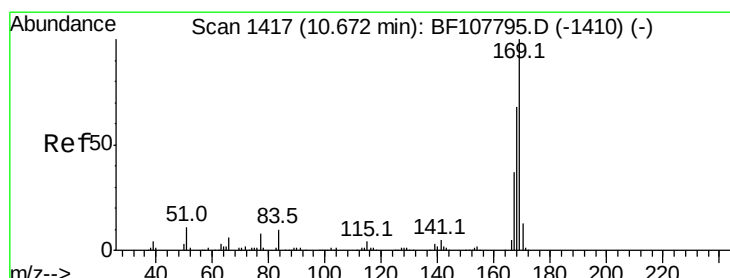
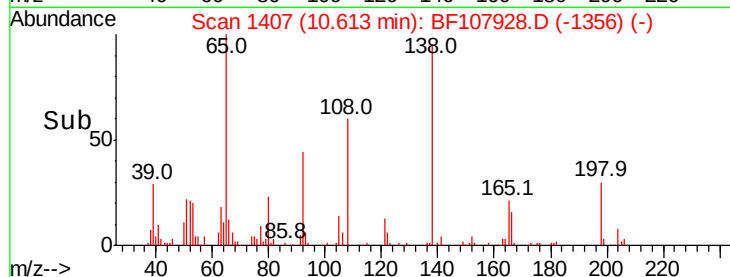
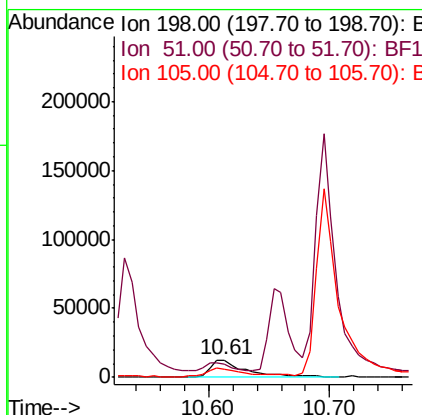
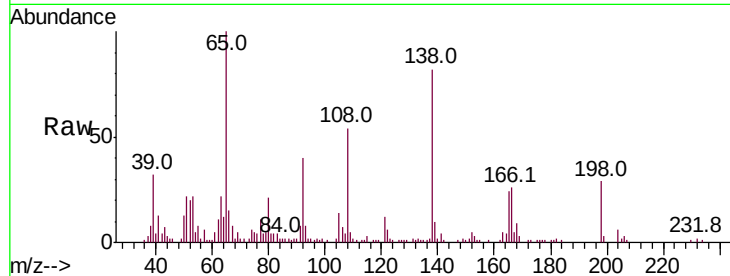
#64
4,6-Dinitro-2-methylphenol
Concen: 12.113 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	76.3	37.7	77.7
105	47.6	36.3	76.3

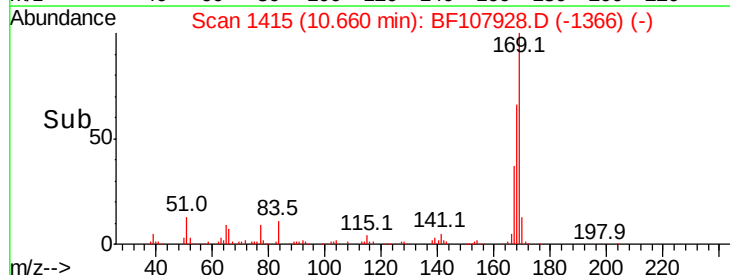
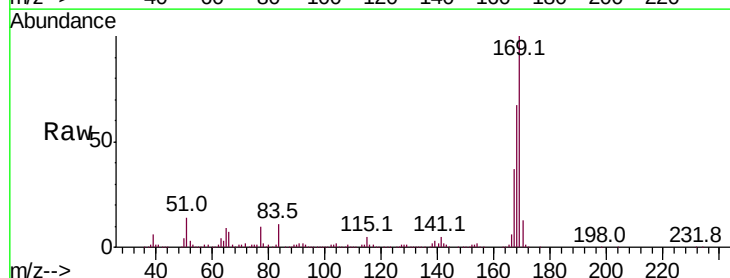
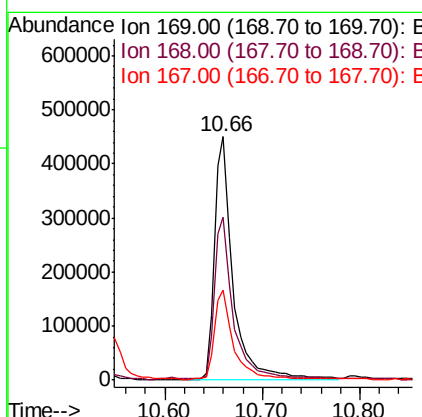
Manual Integrations
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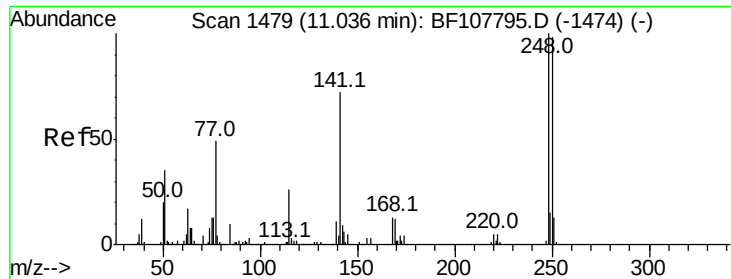
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 45.280 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	36.8	29.8	44.6





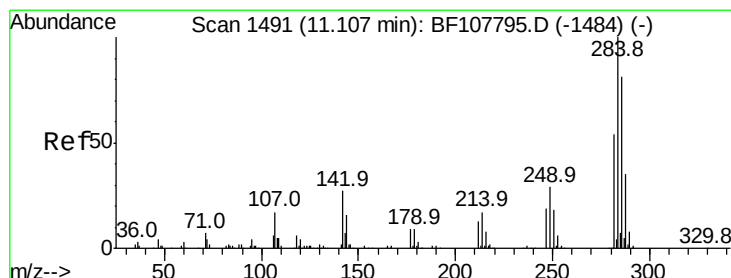
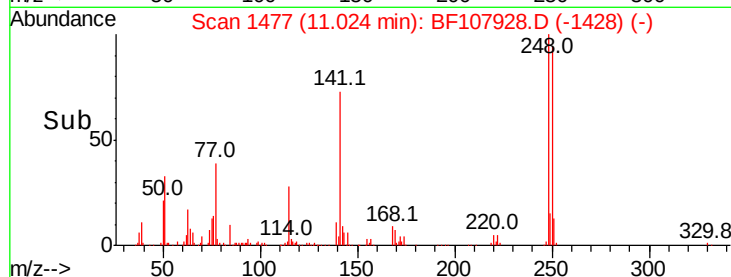
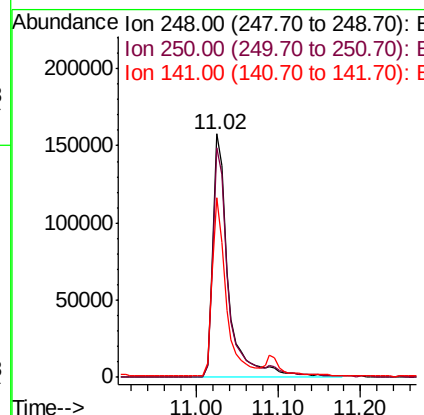
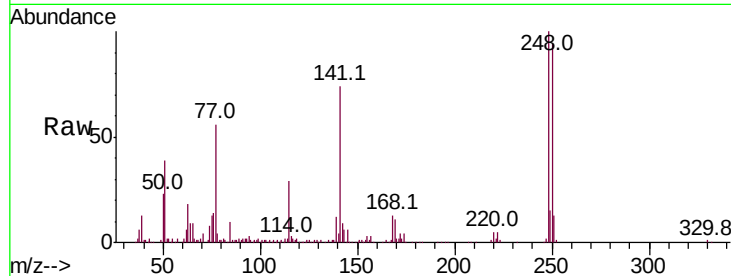
#66
4-Bromophenyl-phenylether
Concen: 45.209 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	209050		
250	94.2	76.9	115.3	
141	73.7	74.4	111.6	

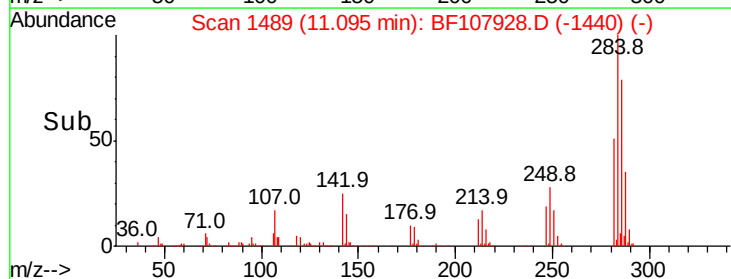
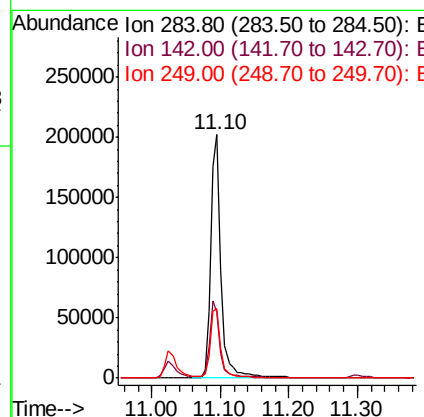
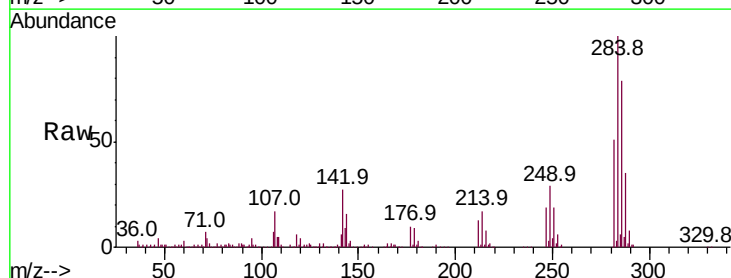
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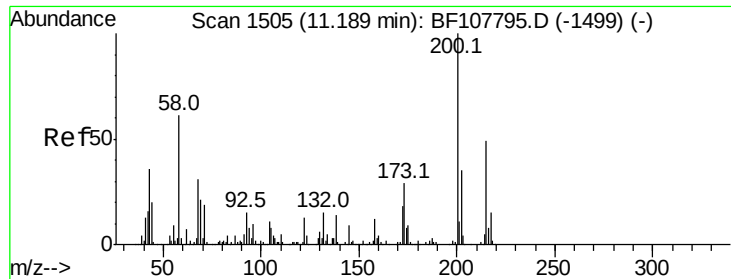
Sohil
8/3/2018 12:53:37 PM



#67
Hexachlorobenzene
Concen: 42.322 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	217014		
142	27.0	34.6	52.0	
249	28.7	24.8	37.2	





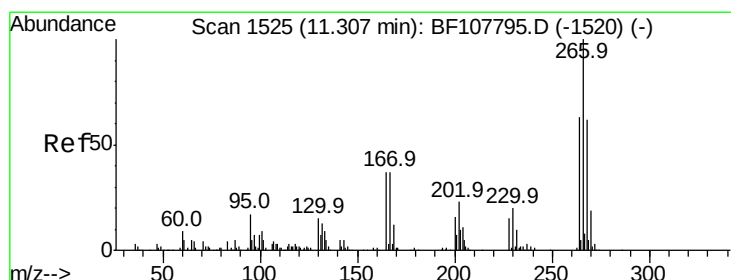
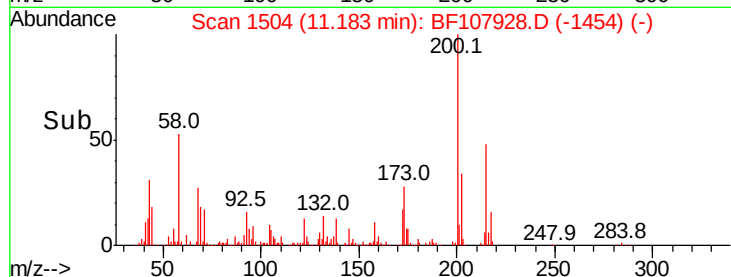
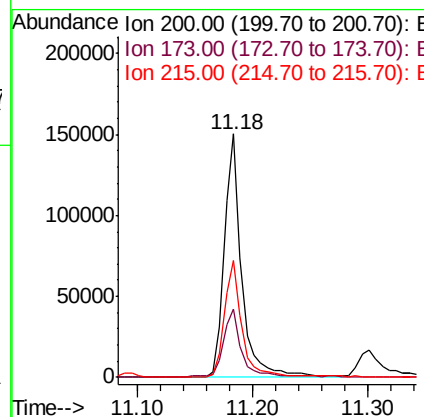
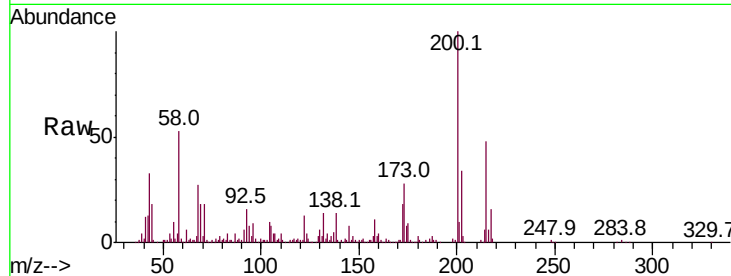
#68
Atrazine
Concen: 40.861 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	8.6	48.6
215	48.2	25.1	65.1

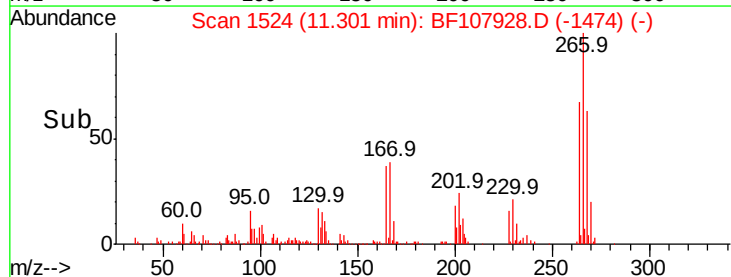
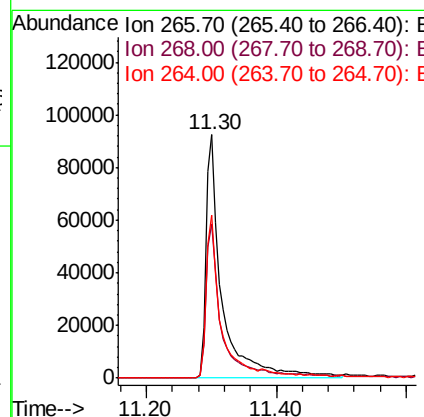
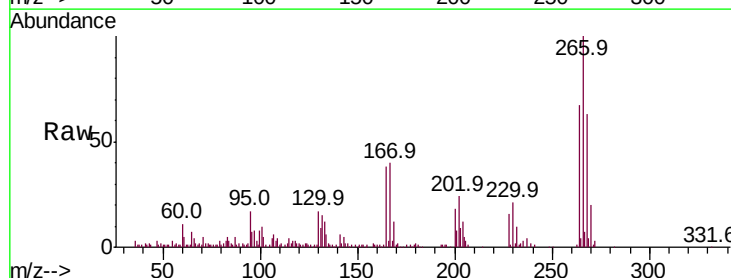
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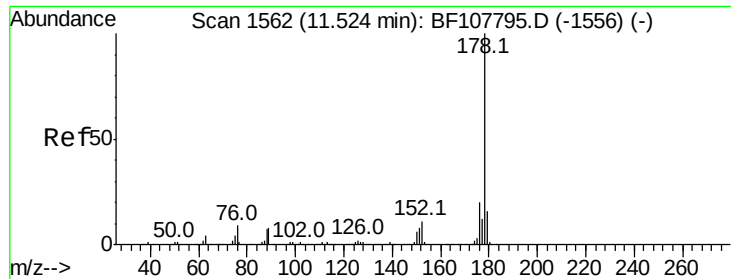
Sohil
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#69
Pentachlorophenol
Concen: 62.697 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	51.1	76.7
264	67.1	49.5	74.3





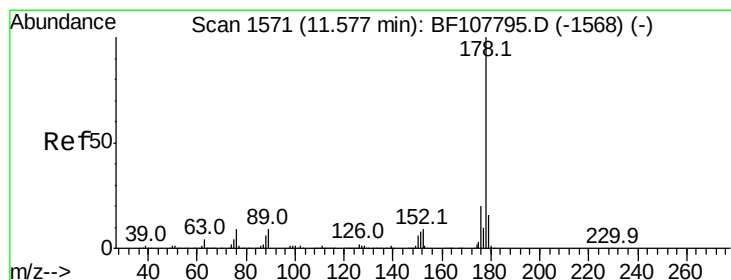
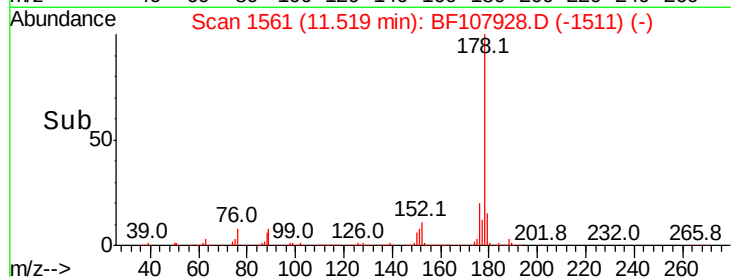
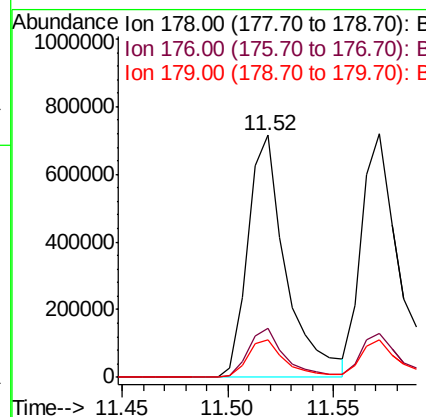
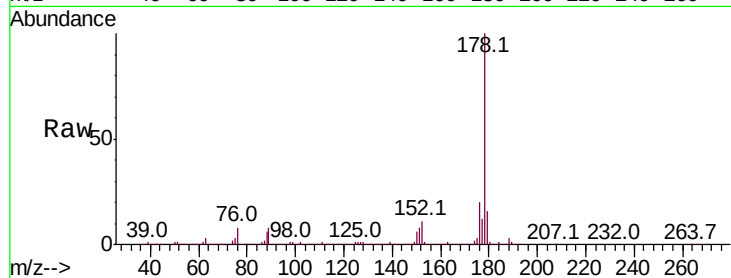
#70
Phenanthrene
Concen: 47.664 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.5	13.0	19.6

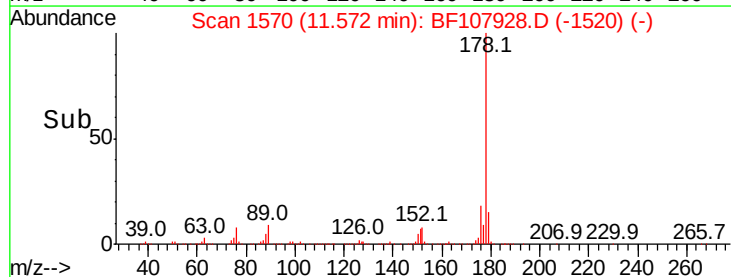
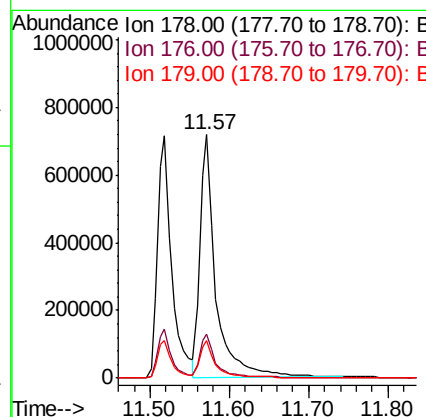
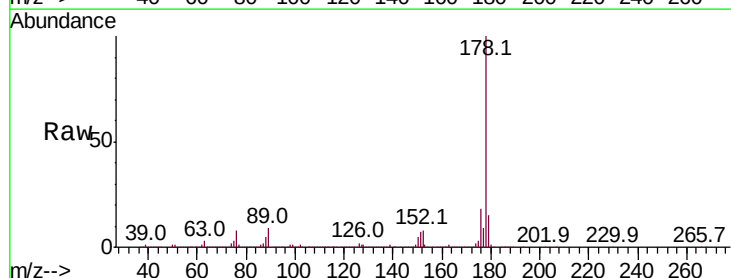
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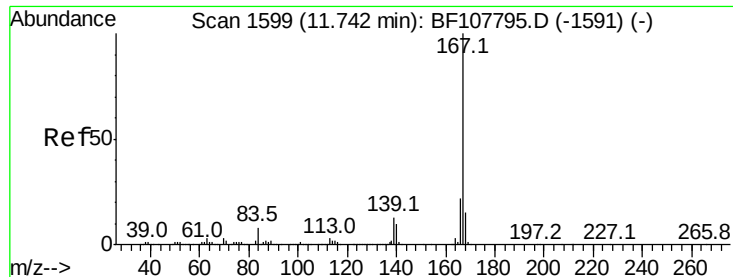
Sohil
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#71
Anthracene
Concen: 46.583 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 43.834 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

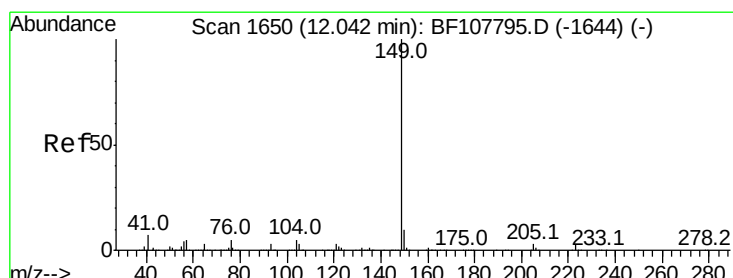
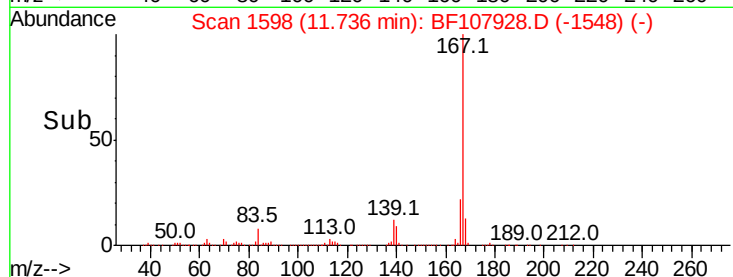
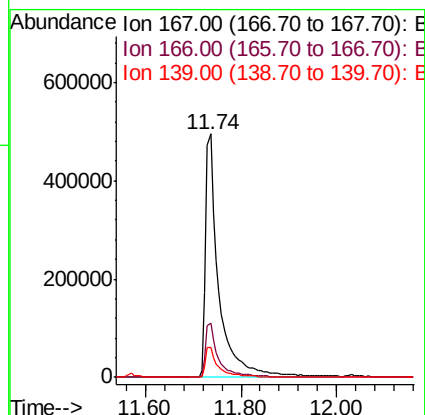
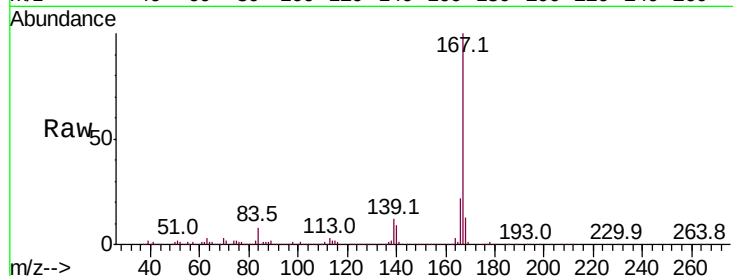
ClientSampleId :

GW-03MS

Tot Ion:	167	Resp:	941229
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	12.4	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 45.730 ng

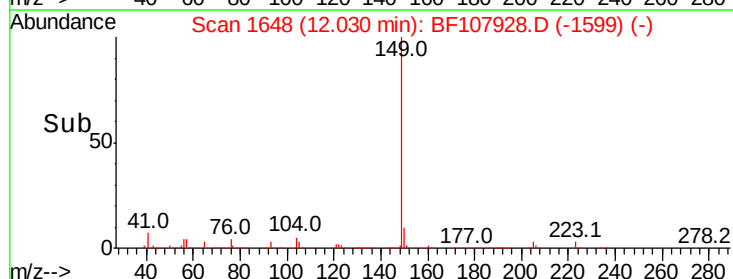
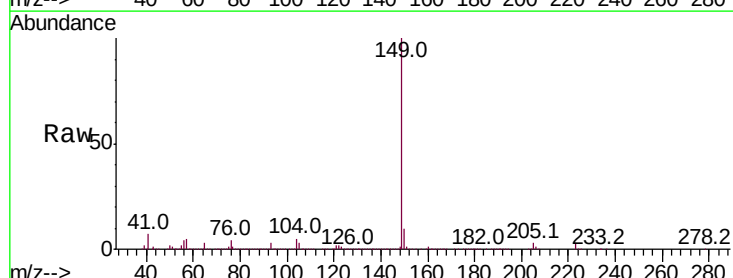
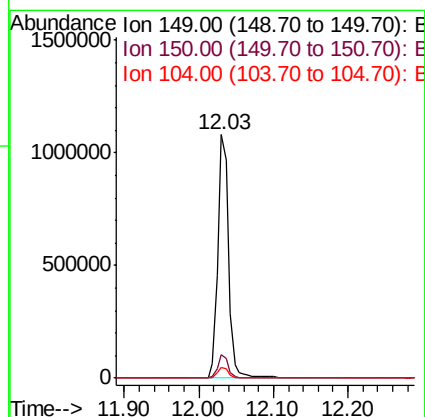
RT: 12.03 min Scan# 1648

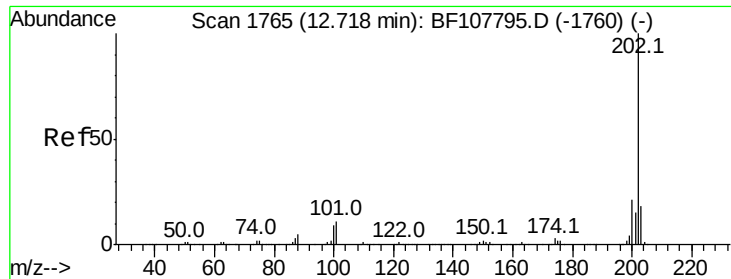
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	149	Resp:	1071252
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.6	3.8	5.8





#74

Fluoranthene

Concen: 47.133 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

Tot Ion:202 Resp: 1043099

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

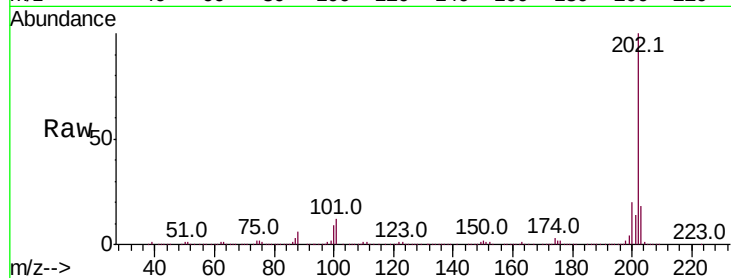
203 17.8 0.0 38.1

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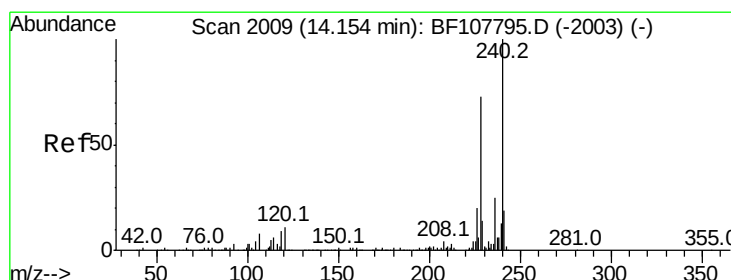
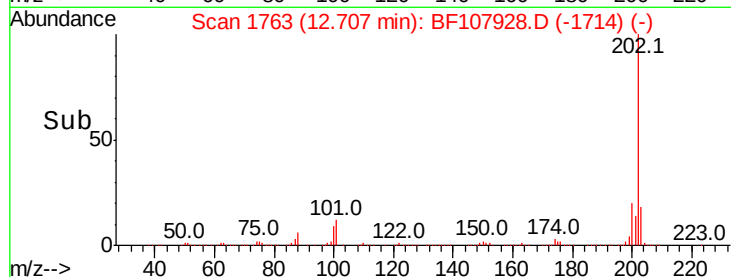
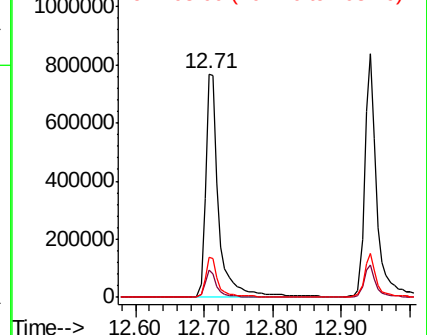
8/3/2018 12:53:37 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:240 Resp: 343989

Ion Ratio Lower Upper

240 100

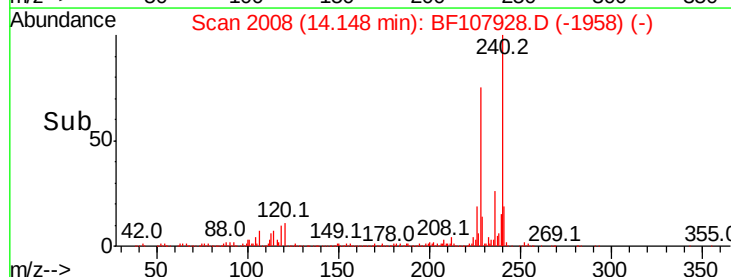
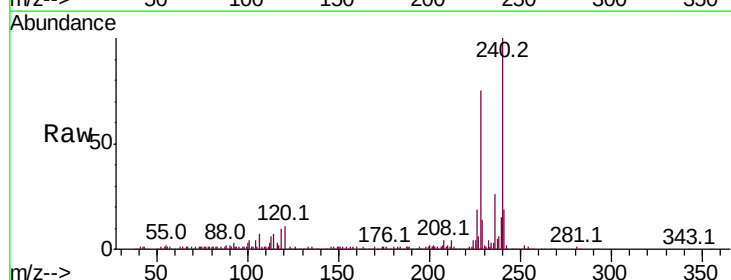
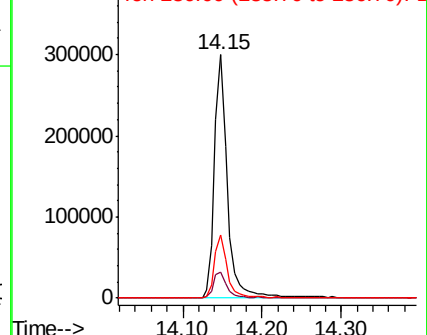
120 10.9 9.5 14.3

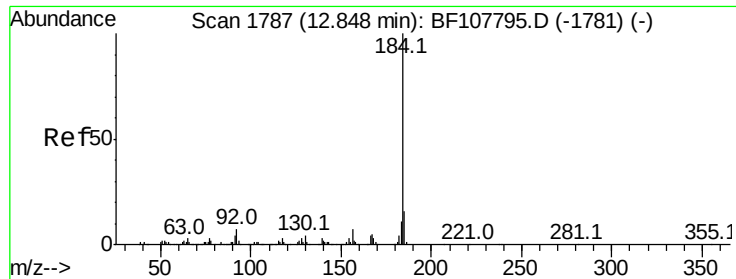
236 25.8 20.7 31.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.236 ng

RT: 12.87 min Scan# 1790

Delta R.T. 0.02 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

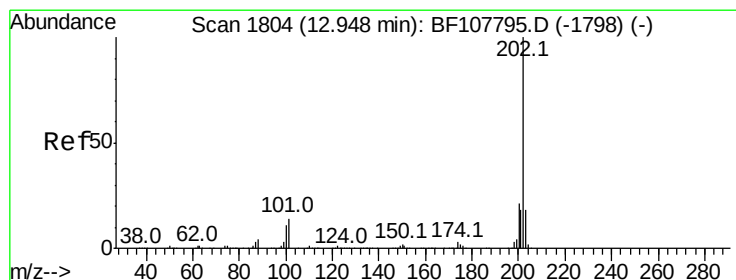
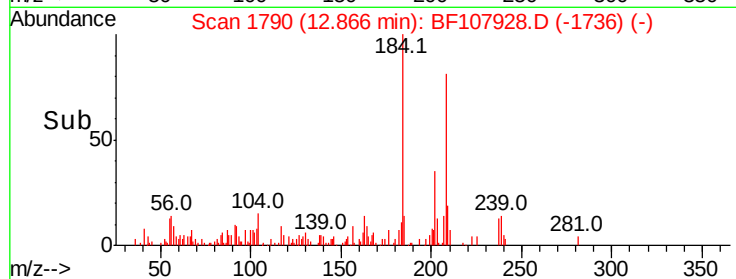
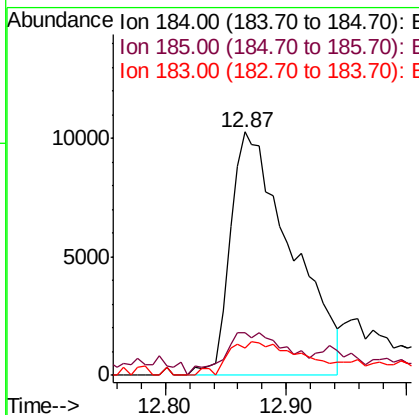
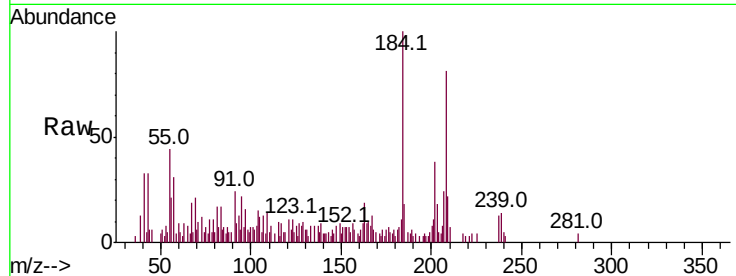
ClientSampleId :

GW-03MS

Tot Ion:	184	Resp:	35993
Ion Ratio	Lower	Upper	
184	100		
185	17.7	12.6	18.8
183	11.4	9.3	13.9

Manual Integrations
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#77

Pyrene

Concen: 41.403 ng

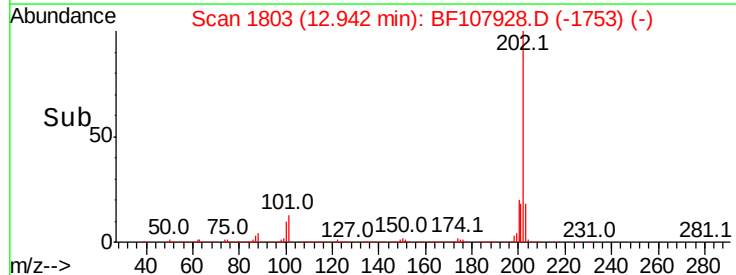
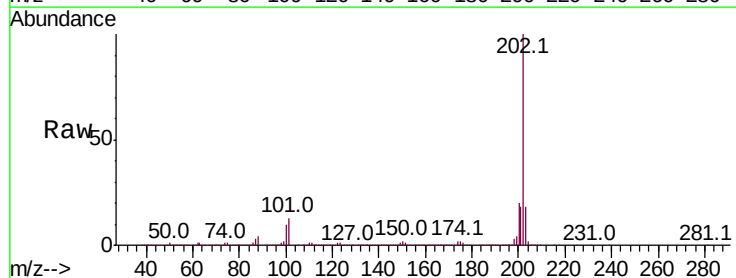
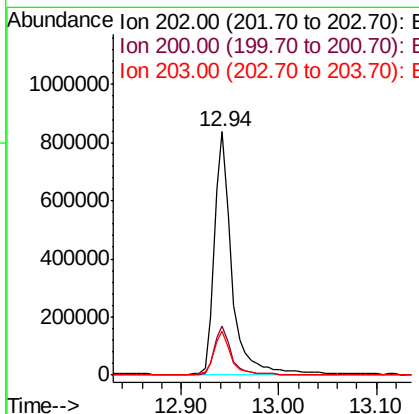
RT: 12.94 min Scan# 1803

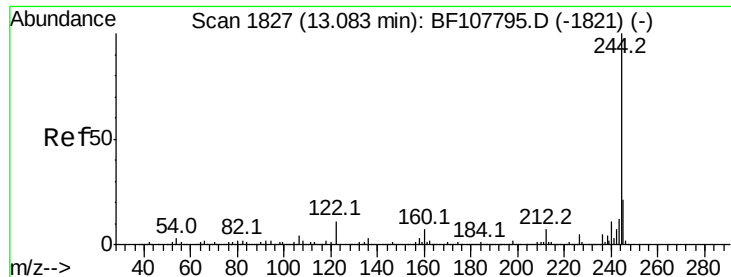
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:	202	Resp:	1025550
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 82.972 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampled :

GW-03MS

Tot Ion:244 Resp: 1316224

Ion Ratio Lower Upper

244 100

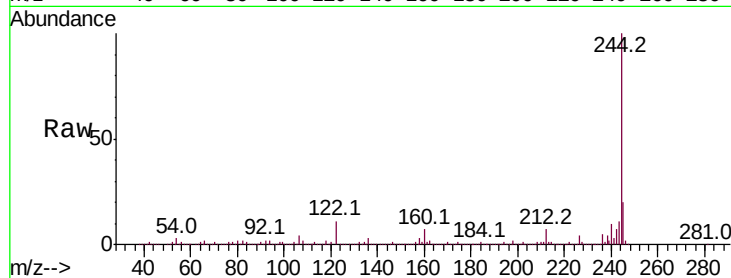
212 7.0 5.4 8.0

122 11.3 11.0 16.4

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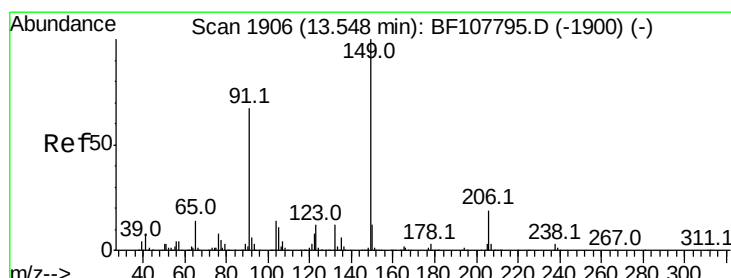
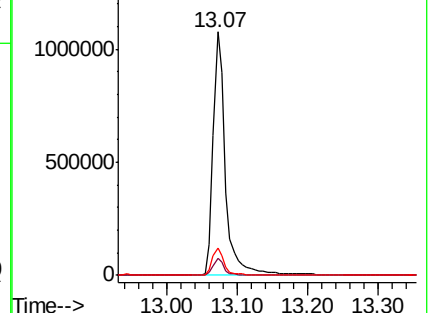
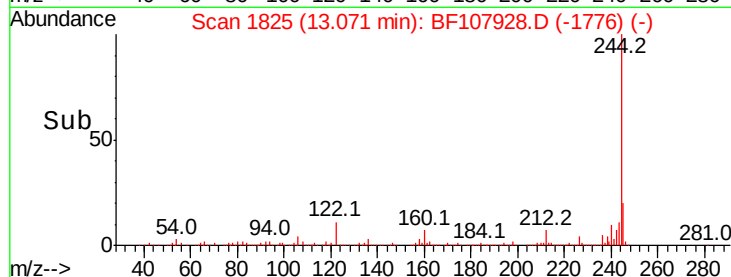
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.894 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

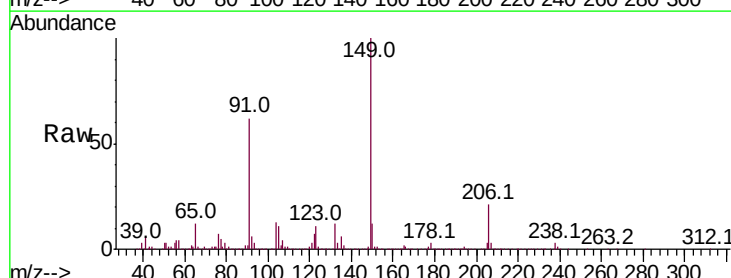
Tgt Ion:149 Resp: 454427

Ion Ratio Lower Upper

149 100

91 62.4 56.8 85.2

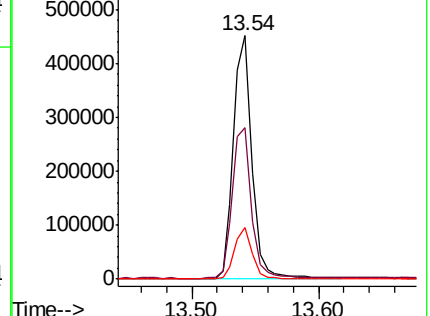
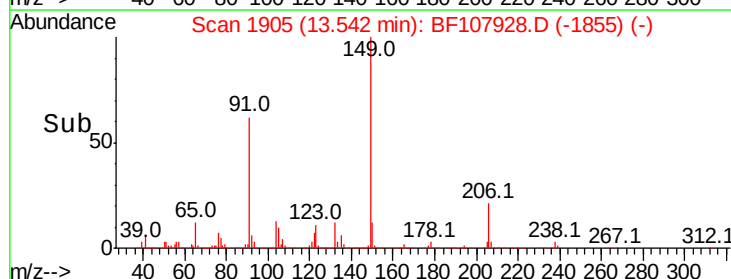
206 21.0 14.1 21.1

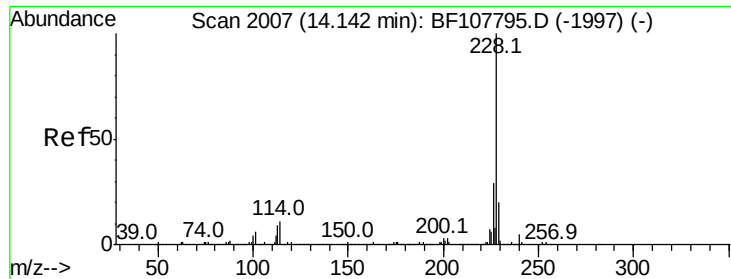


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





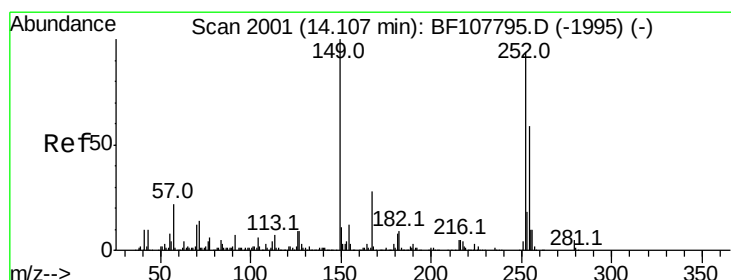
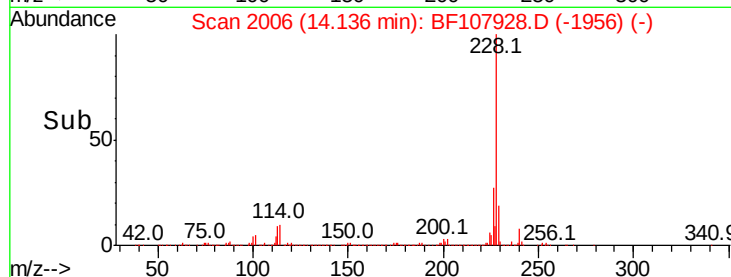
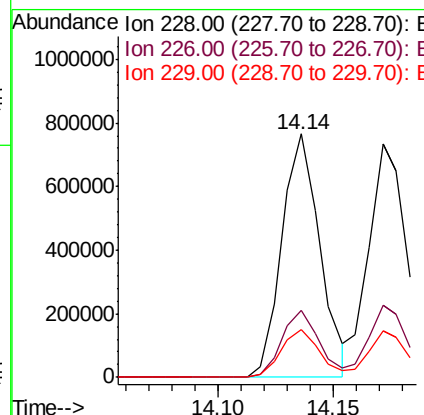
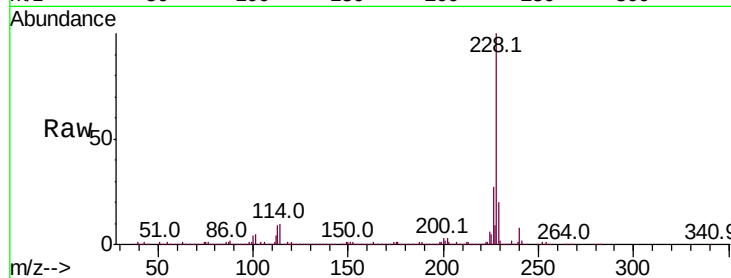
#80
Benzo(a)anthracene
Concen: 44.880 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.5	15.8	23.6

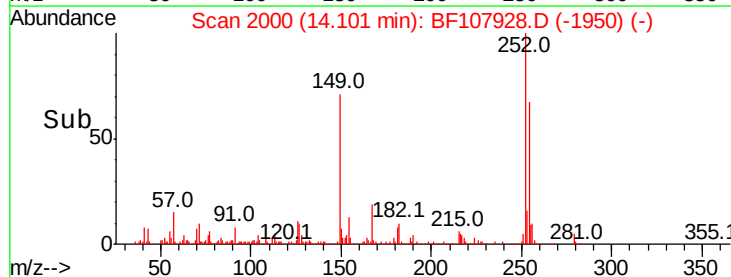
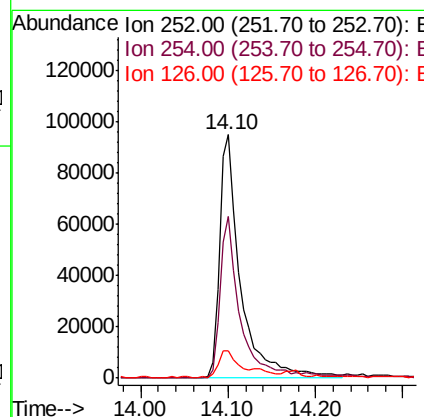
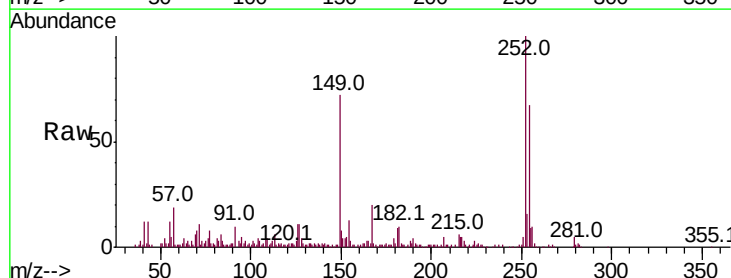
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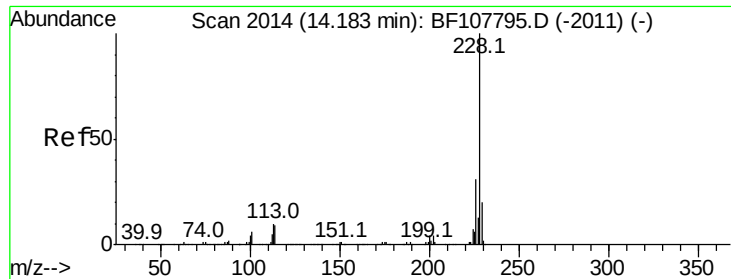
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 20.912 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	11.3	11.3	16.9





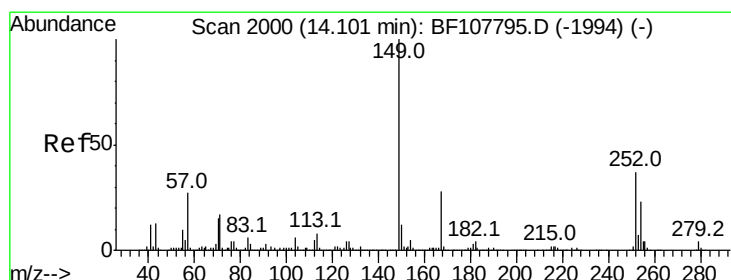
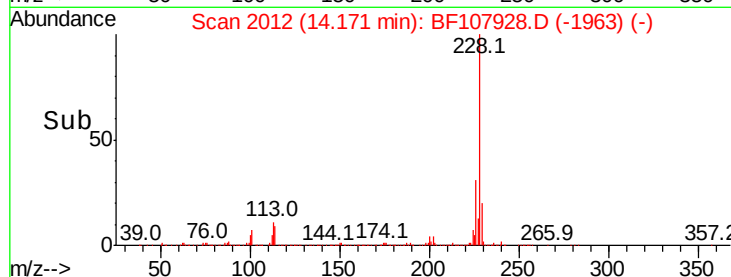
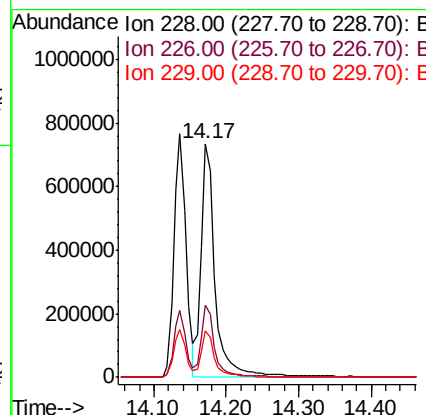
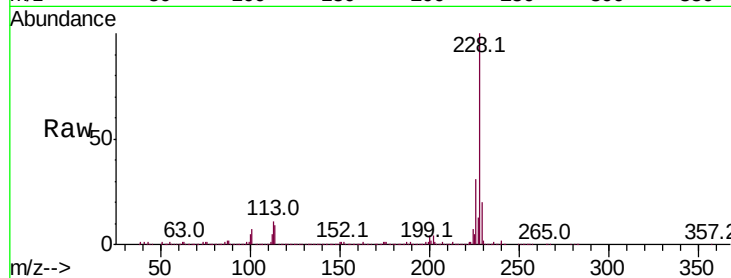
#82
 Chrysene
 Concen: 46.717 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	981866		
226	31.2	25.0	37.6	
229	20.0	16.2	24.4	

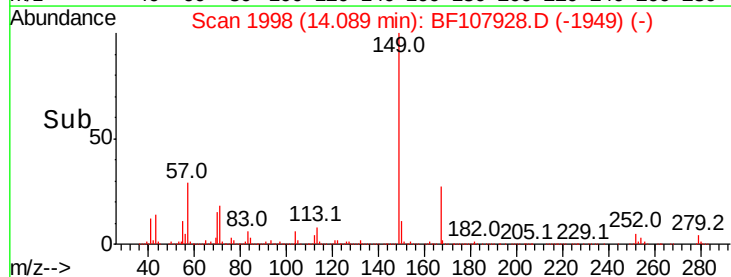
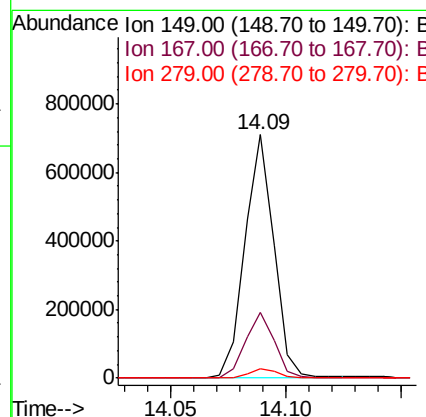
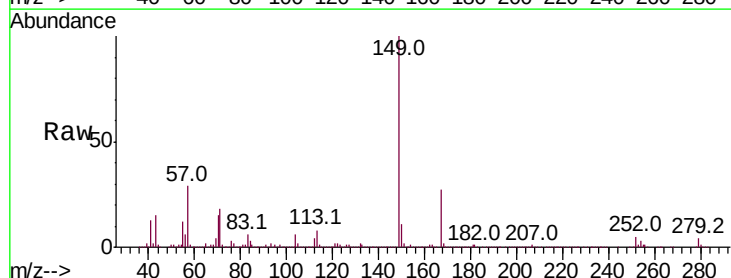
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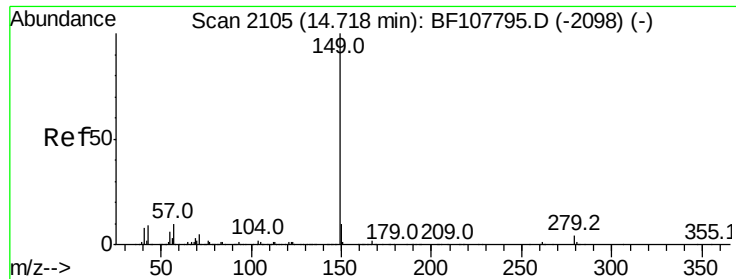
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.541 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	621007		
167	27.0	21.3	31.9	
279	3.8	3.0	4.4	





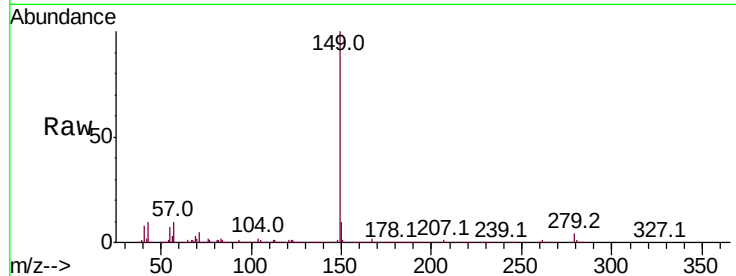
#84
Di-n-octyl phthalate
Concen: 50.178 ng
RT: 14.71 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.4	12.6

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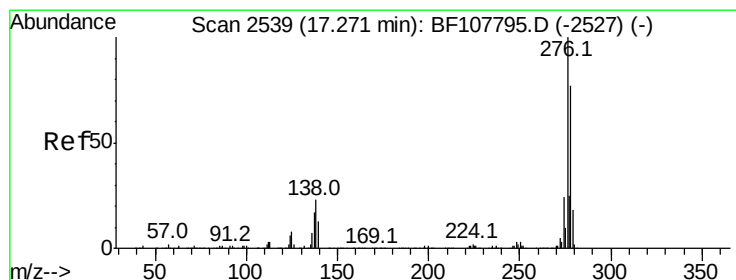
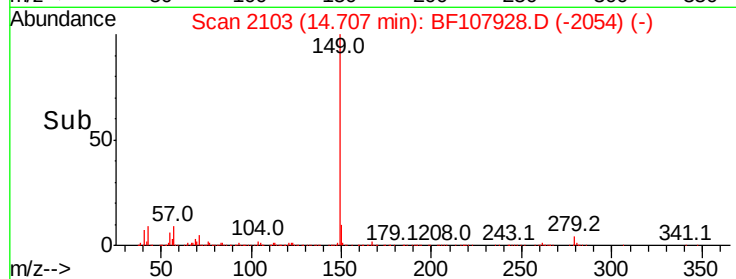
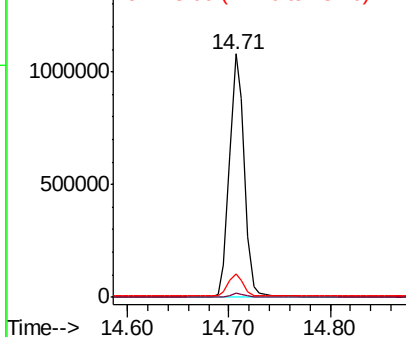


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.073 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

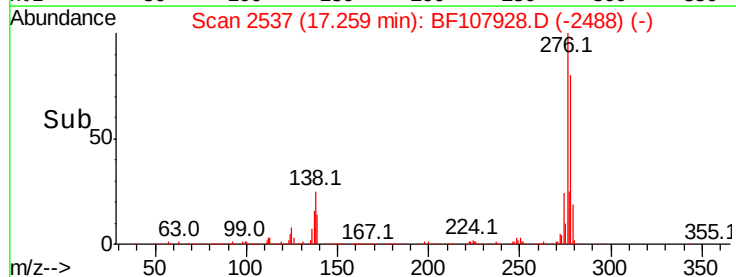
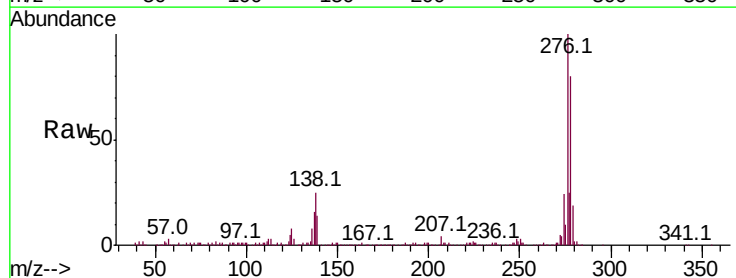
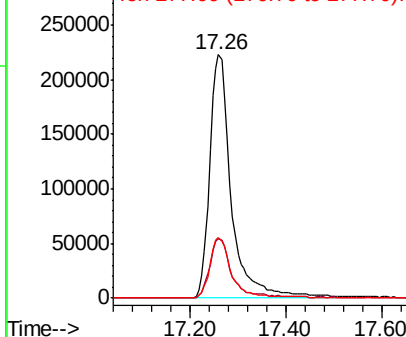
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.4	20.1	30.1

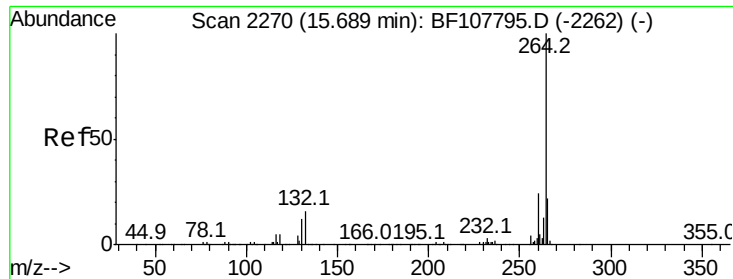
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





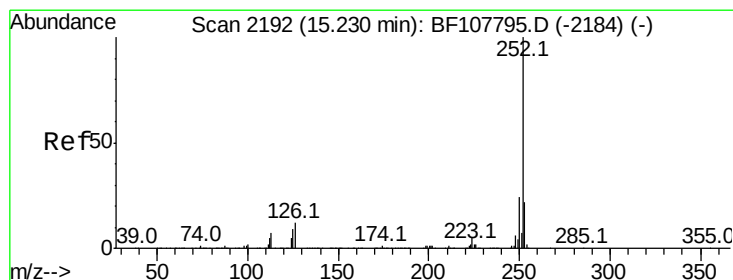
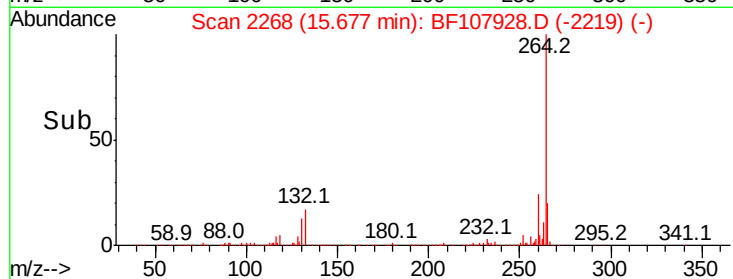
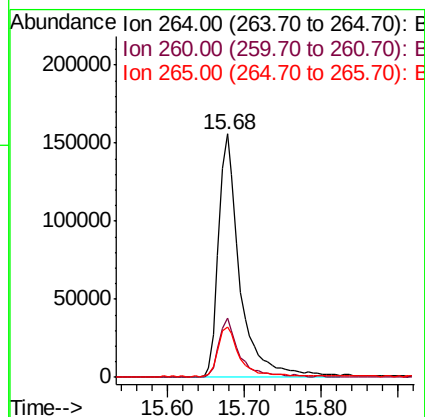
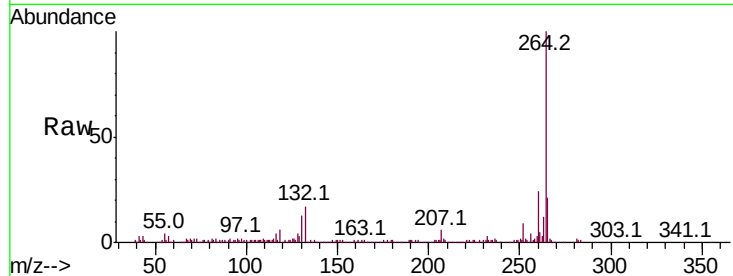
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.6	17.5	26.3

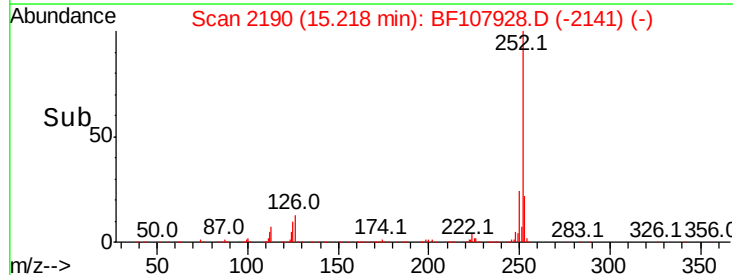
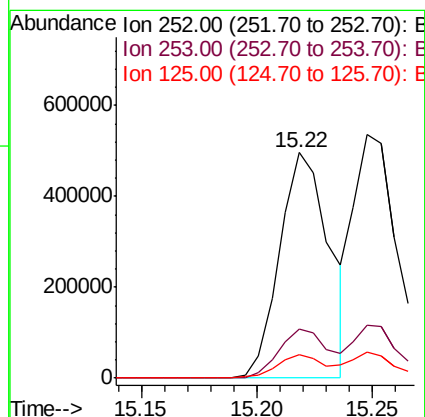
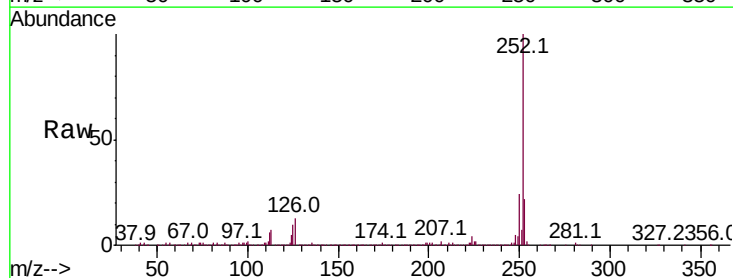
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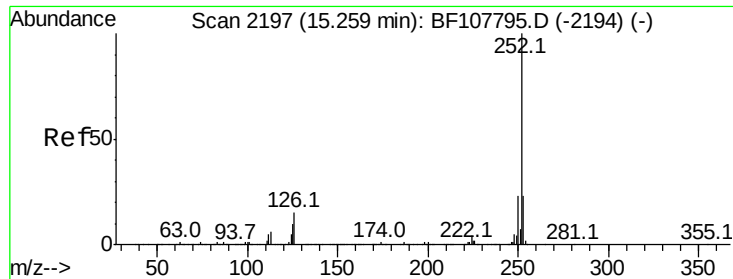
Sohil
8/3/2018 12:53:37 PM



#87
Benzo(b)fluoranthene
Concen: 49.873 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.4	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 45.880 ng

RT: 15.25 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

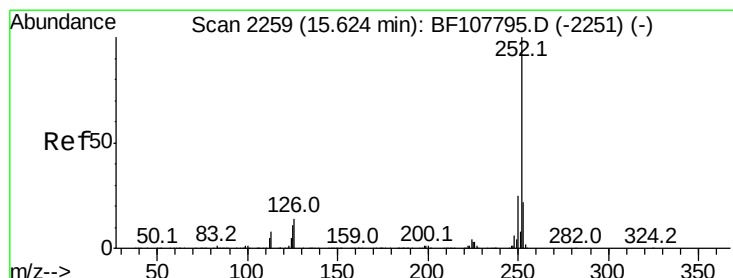
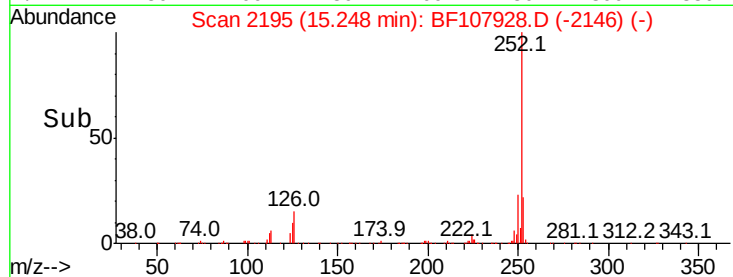
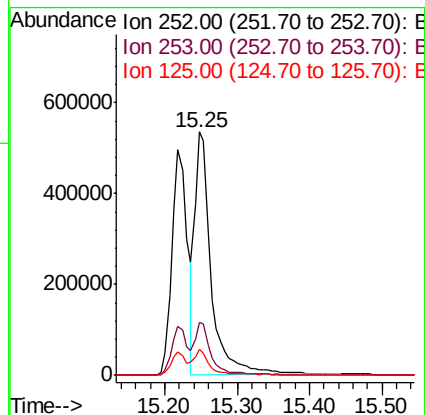
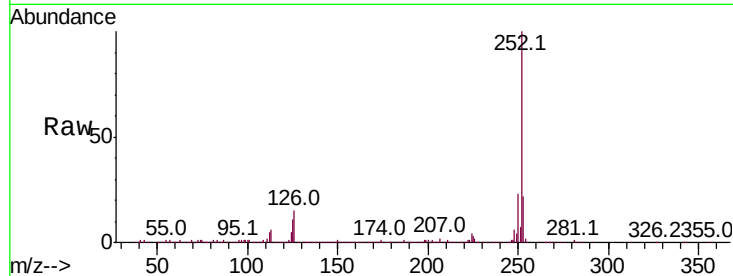
ClientSampleId :

GW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	832948		
253	21.9		17.9	26.9
125	10.5		10.2	15.2

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#89

Benzo(a)pyrene

Concen: 46.294 ng

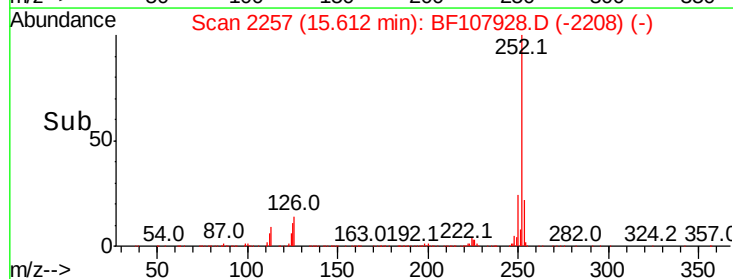
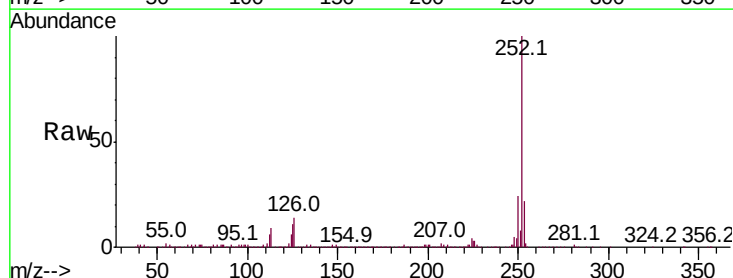
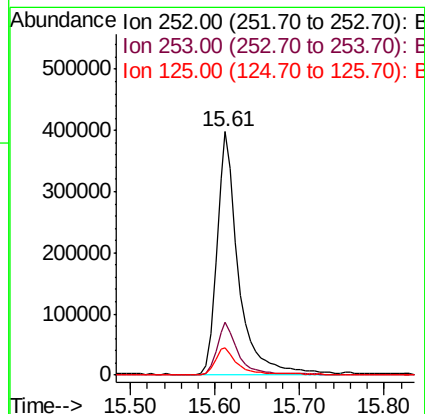
RT: 15.61 min Scan# 2257

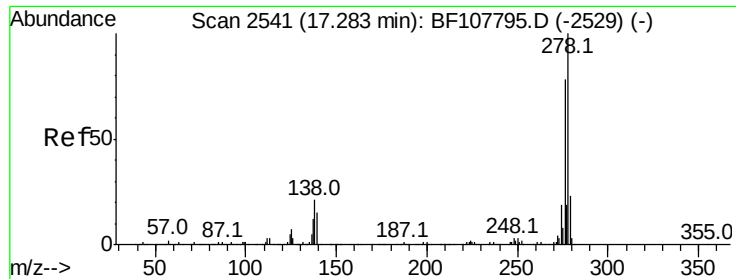
Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	706696		
253	21.7		17.1	25.7
125	11.2		9.8	14.6





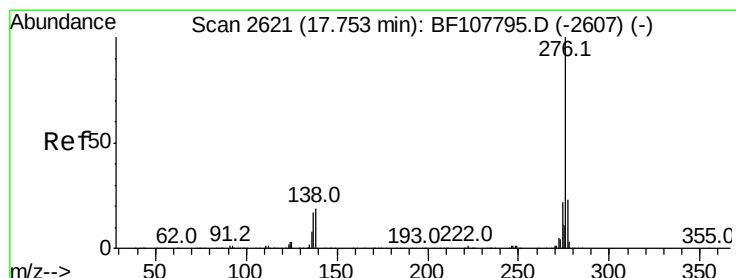
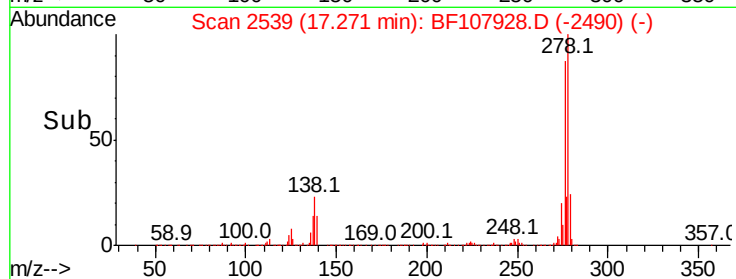
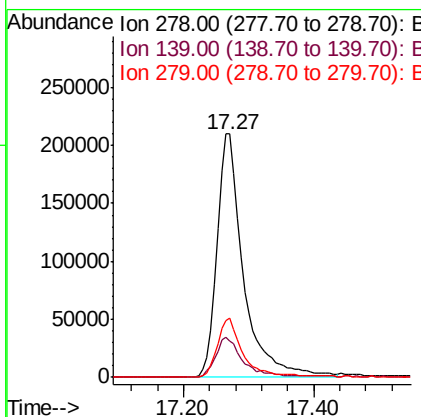
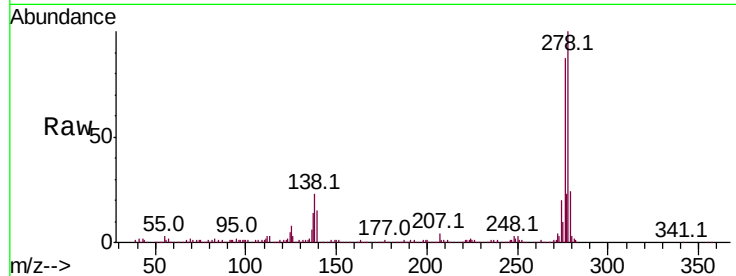
#90
Dibenzo(a,h)anthracene
Concen: 44.568 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	15.9	23.9#
279	24.4	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 43.125 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	21.6	21.8	32.8#

