

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108600.D
 Acq On : 29 Aug 2018 13:12
 Operator : JU/SJ
 Sample : PB112433BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Manual Integrations
 APPROVED

Sohil
 8/30/2018 12:18:28 PM

Quant Time: Aug 29 14:31:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135254	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	506960	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	255806	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	500042	20.00	ng	0.00
75) Chrysene-d12	14.20	240	357409	20.00	ng	0.00
86) Perylene-d12	15.75	264	274933	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	726515	97.25	ng	0.01
7) Phenol-d6	6.64	99	1005954	101.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	991233	109.11	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	298237	116.88	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1853345	116.32	ng	0.00
78) Terphenyl-d14	13.13	244	1781125	126.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	133331	34.733	ng	89
3) Pyridine	3.77	79	351917	35.588	ng	88
4) n-Nitrosodimethylamine	3.74	42	201406	36.197	ng	# 82
6) Aniline	6.67	93	389783	28.865	ng	# 83
8) 2-Chlorophenol	6.79	128	424270	50.424	ng	93
9) Benzaldehyde	6.56	77	236506	30.727	ng	98
10) Phenol	6.65	94	504559	49.134	ng	85
11) bis(2-Chloroethyl)ether	6.74	93	365374	44.010	ng	96
12) 1,3-Dichlorobenzene	6.94	146	468642	48.170	ng	100
13) 1,4-Dichlorobenzene	7.02	146	500641	51.218	ng	98
14) 1,2-Dichlorobenzene	7.17	146	443546	48.783	ng	98
15) Benzyl Alcohol	7.15	79	357448	42.770	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	739449	43.236	ng	81
17) 2-Methylphenol	7.25	107	355841	49.316	ng	# 87
18) Hexachloroethane	7.51	117	171007	49.140	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	316644	47.166	ng	90
20) 3+4-Methylphenols	7.41	107	453674	49.064	ng	# 60
22) Acetophenone	7.41	105	614471	51.836	ng	# 87
24) Nitrobenzene	7.59	77	467776	50.917	ng	97
25) Isophorone	7.82	82	872932	50.410	ng	96
26) 2-Nitrophenol	7.90	139	214454	61.813	ng	91
27) 2,4-Dimethylphenol	7.93	122	390357	50.791	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	517924	51.234	ng	99
29) 2,4-Dichlorophenol	8.14	162	382101	54.024	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	410305	52.617	ng	98
31) Naphthalene	8.31	128	1259188	54.616	ng	100
32) Benzoic acid	8.08	122	172356	39.810	ng	92
33) 4-Chloroaniline	8.36	127	158322	15.757	ng	98
34) Hexachlorobutadiene	8.41	225	267285	54.144	ng	97
35) Caprolactam	8.74	113	97383m	43.937	ng	
36) 4-Chloro-3-methylphenol	8.84	107	401677	52.645	ng	96
37) 2-Methylnaphthalene	9.00	142	853069	52.297	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	441737	56.233	ng	98
40) Hexachlorocyclopentadiene	9.14	237	439651	86.648	ng	98

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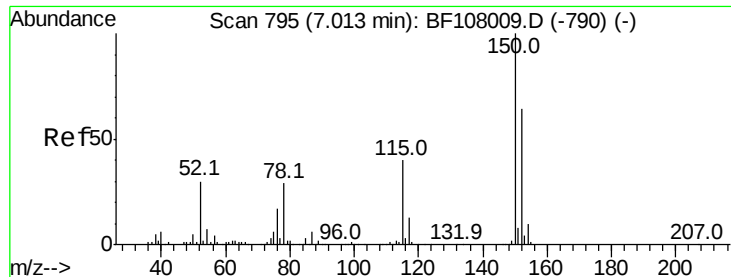
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	266730	54.717	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	295738	55.111	nq	96
45) 1,1'-Biphenyl	9.46	154	1046618	55.492	nq	99
46) 2-Chloronaphthalene	9.50	162	801901	53.795	nq	98
47) 2-Nitroaniline	9.60	65	265466	55.039	nq	89
48) Acenaphthylene	9.91	152	1258704	53.411	nq	99
49) Dimethylphthalate	9.76	163	943376	52.942	nq	99
50) 2,6-Dinitrotoluene	9.83	165	205726	55.183	nq #	89
51) Acenaphthene	10.08	154	713699	49.445	nq	99
52) 3-Nitroaniline	10.01	138	109997	26.967	nq	90
53) 2,4-Dinitrophenol	10.12	184	115533	82.561	nq #	27
54) Dibenzofuran	10.25	168	1088737	52.062	nq	95
55) 4-Nitrophenol	10.18	139	258573	83.712	nq #	82
56) 2,4-Dinitrotoluene	10.24	165	265284	55.282	nq #	93
57) Fluorene	10.60	166	885532	53.492	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	256803	57.255	nq #	83
59) Diethylphthalate	10.46	149	901060	52.221	nq	96
60) 4-Chlorophenyl-phenylether	10.58	204	453987	52.630	nq	94
61) 4-Nitroaniline	10.64	138	186201	46.172	nq	91
62) Azobenzene	10.75	77	905270	50.802	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	91207	48.518	nq	91
65) n-Nitrosodiphenylamine	10.71	169	788212	53.342	nq	97
66) 4-Bromophenyl-phenylether	11.08	248	295231	54.329	nq #	87
67) Hexachlorobenzene	11.15	284	309175	54.074	nq #	88
68) Atrazine	11.23	200	270921	54.663	nq	97
69) Pentachlorophenol	11.35	266	266792	97.488	nq	98
70) Phenanthrene	11.57	178	1270735	53.878	nq	99
71) Anthracene	11.62	178	1315047	54.401	nq	99
72) Carbazole	11.78	167	1138587	53.014	nq	99
73) Di-n-butylphthalate	12.08	149	1365697	56.139	nq	99
74) Fluoranthene	12.77	202	1371088	53.266	nq	95
76) Benzidine	12.88	184	490956	36.766	nq	98
77) Pyrene	13.00	202	1362043	60.194	nq	100
79) Butylbenzylphthalate	13.59	149	556956	61.987	nq #	97
80) Benzo(a)anthracene	14.19	228	1115949	54.406	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	171022	23.266	nq #	94
82) Chrysene	14.23	228	1032446	54.903	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	726535	59.711	nq	99
84) Di-n-octyl phthalate	14.77	149	1108671	59.746	nq	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	864923	53.083	nq #	89
87) Benzo(b)fluoranthene	15.29	252	871933	53.075	nq #	96
88) Benzo(k)fluoranthene	15.32	252	848599	56.192	nq #	96
89) Benzo(a)pyrene	15.69	252	802184	54.529	nq #	97
90) Dibenzo(a,h)anthracene	17.39	278	729427	59.926	nq #	92
91) Benzo(g,h,i)perylene	17.88	276	731988	61.072	nq #	89

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



#1

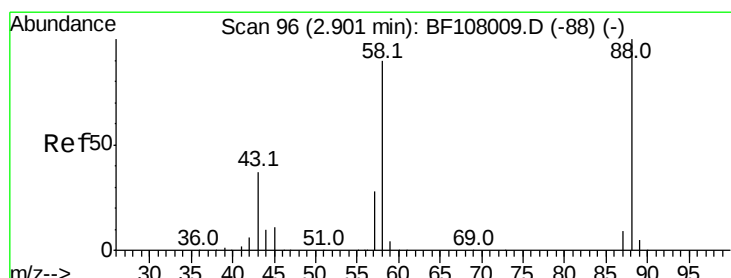
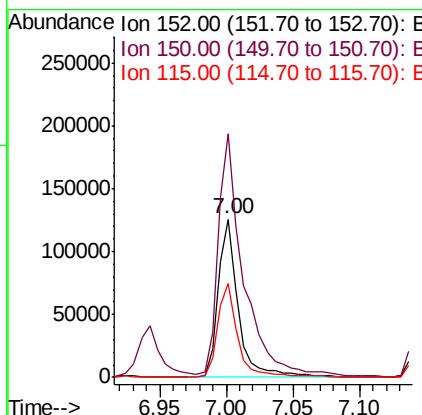
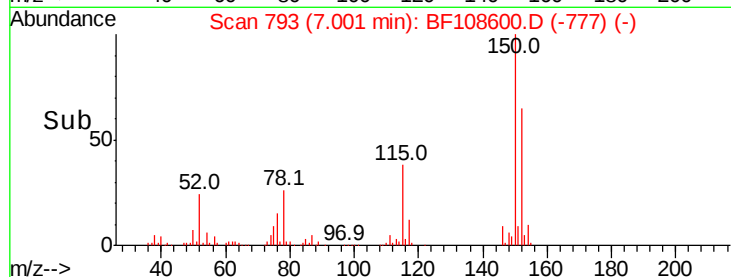
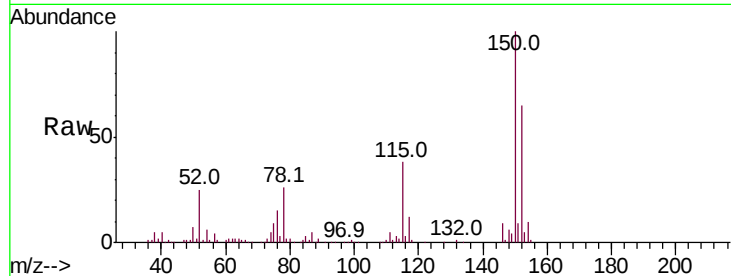
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampled :
PB112433BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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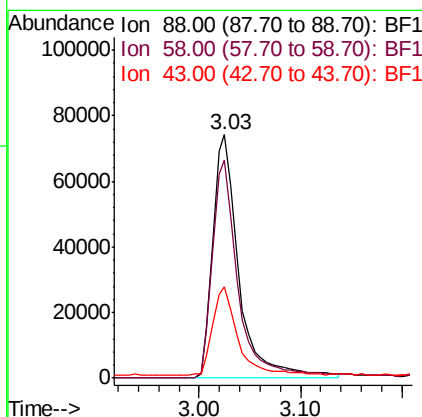
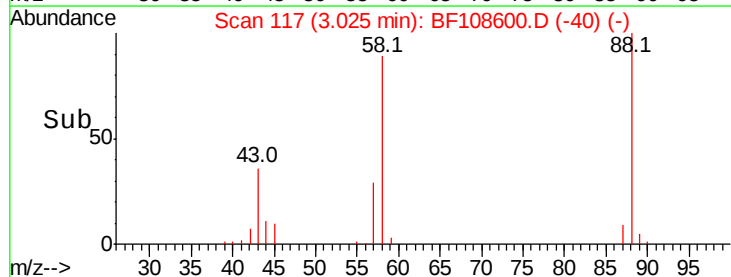
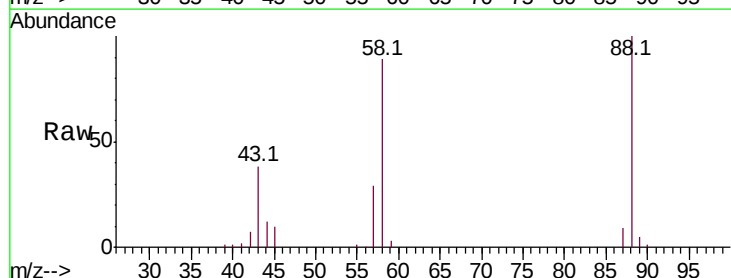
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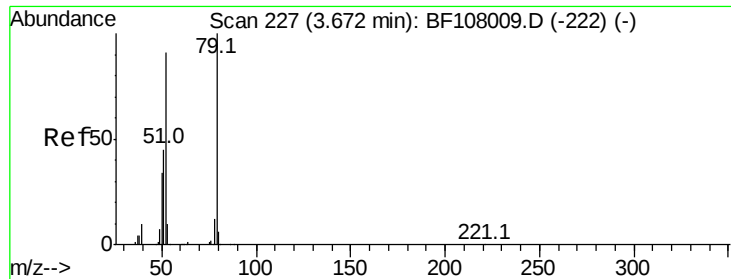


#2

1,4-Dioxane
Concen: 34.733 ng
RT: 3.03 min Scan# 117
Delta R.T. 0.15 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	62.6	93.8
43	35.2	24.6	37.0





#3

Pvridine

Concen: 35.588 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

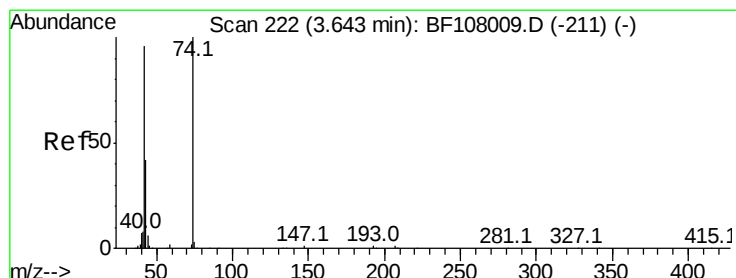
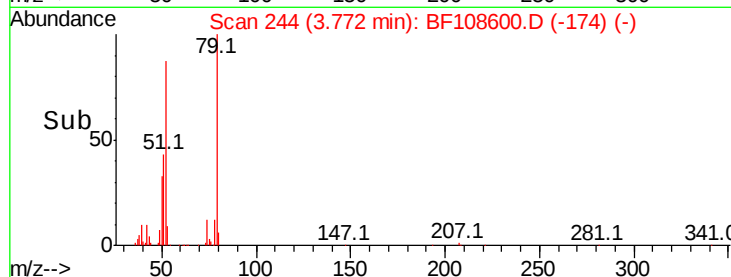
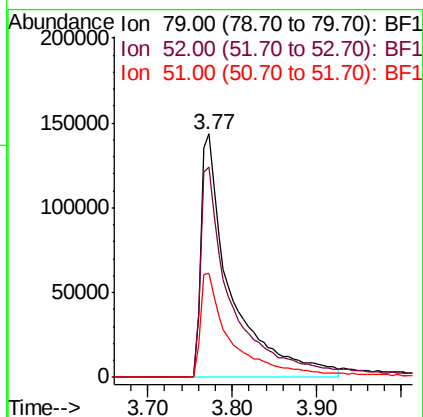
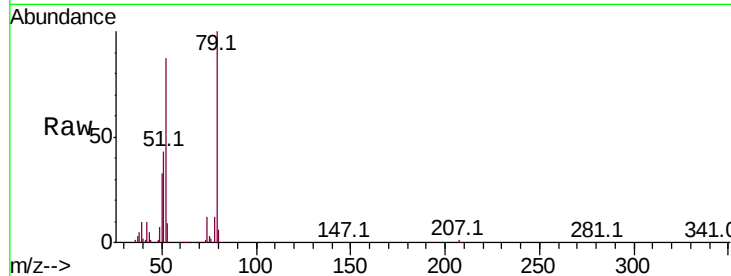
ClientSampleId :

PB112433BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		351917		
52	86.6	59.8	89.6		
51	42.8	29.8	44.8		

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#4

n-Nitrosodimethylamine

Concen: 36.197 ng

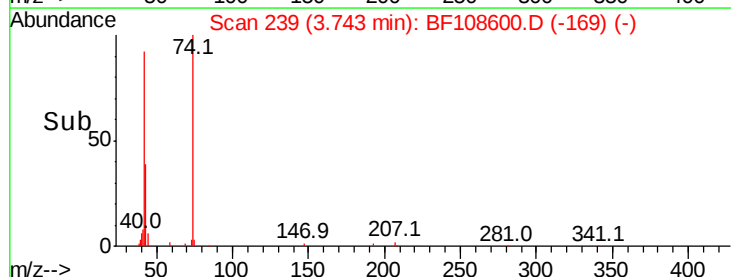
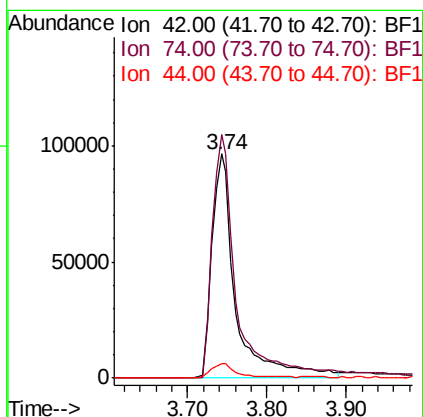
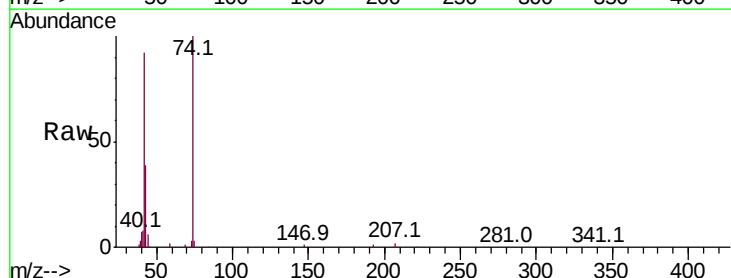
RT: 3.74 min Scan# 239

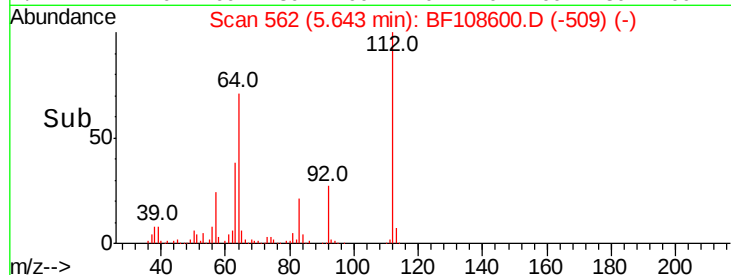
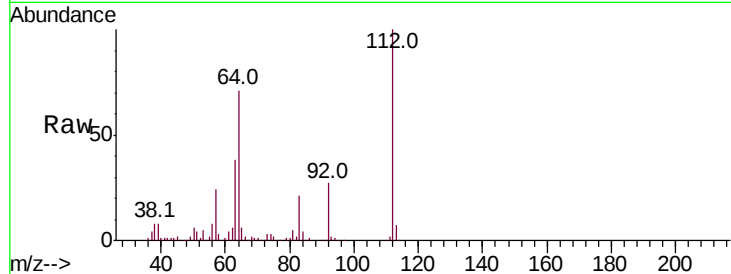
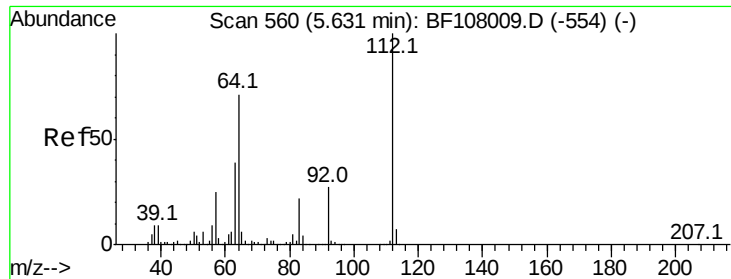
Delta R.T. 0.11 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		201406		
74	108.7	104.9	157.3		
44	6.4	6.9	10.3#		





#5

2-Fluorophenol

Concen: 97.248 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

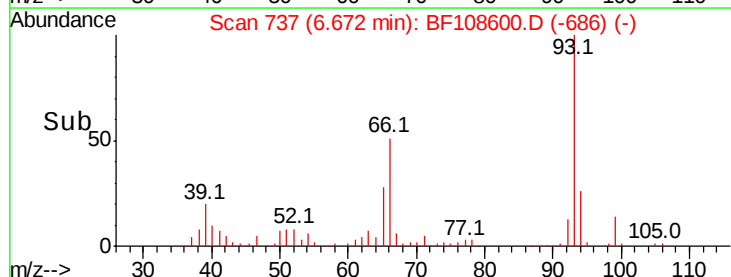
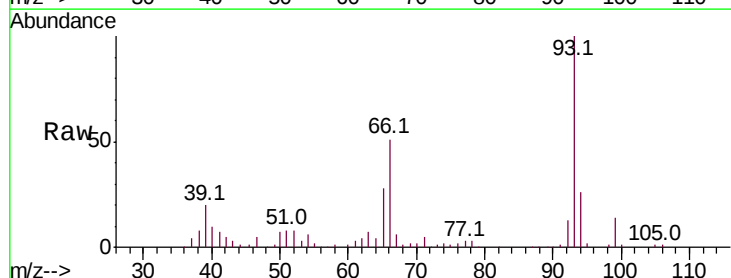
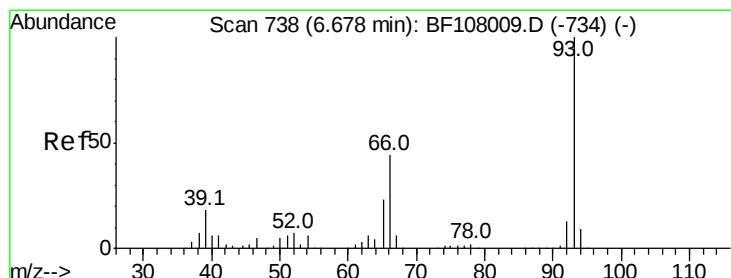
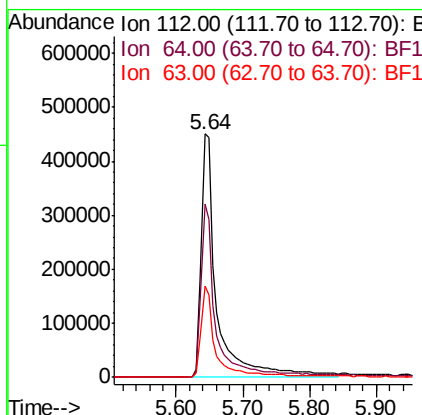
ClientSampleId :

PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	71.2	47.9	71.9	
63	37.6	23.7	35.5	

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#6

Aniline

Concen: 28.865 ng

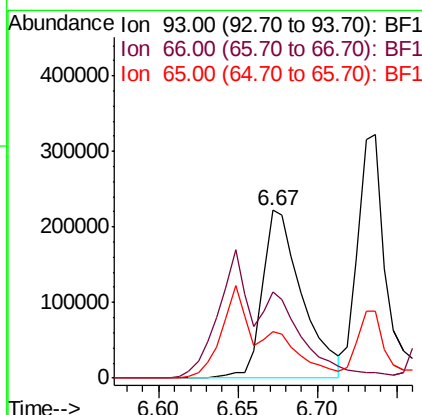
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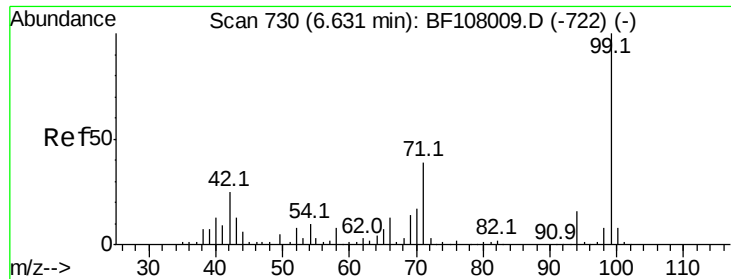
Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	51.2	32.2	48.2	
65	27.9	16.4	24.6	





#7

Phenol-d6

Concen: 101.329 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

PB112433BS

Tot Ion: 99 Resp: 1005954

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

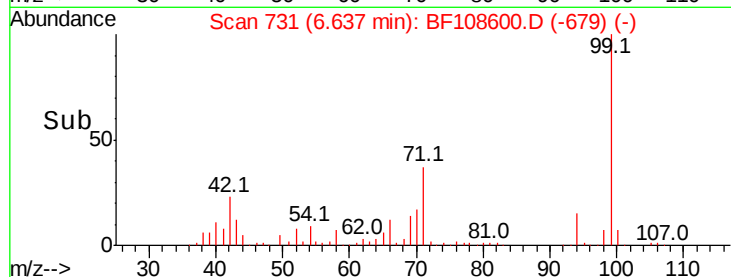
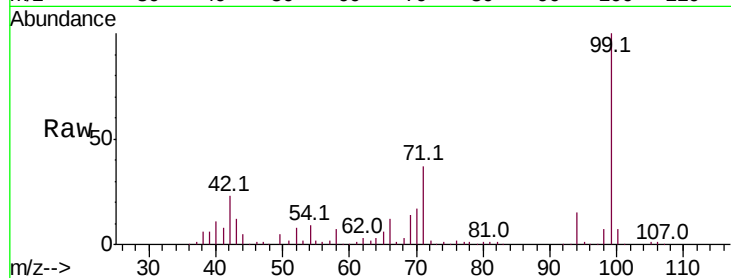
71 37.1 25.4 38.0

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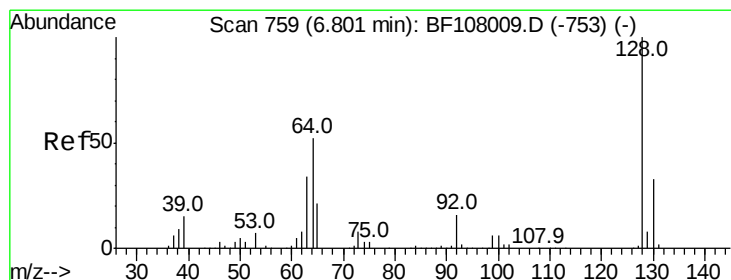
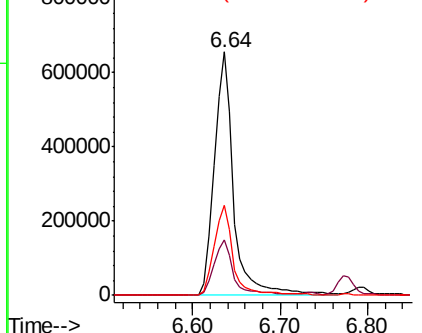
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.424 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

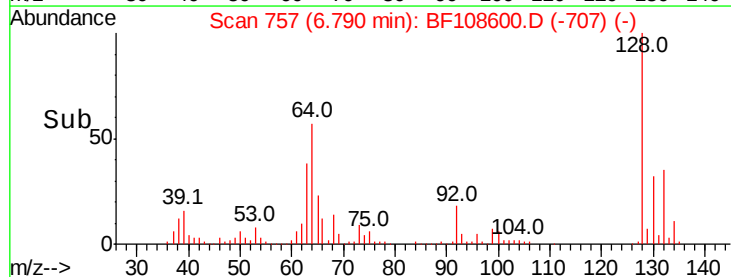
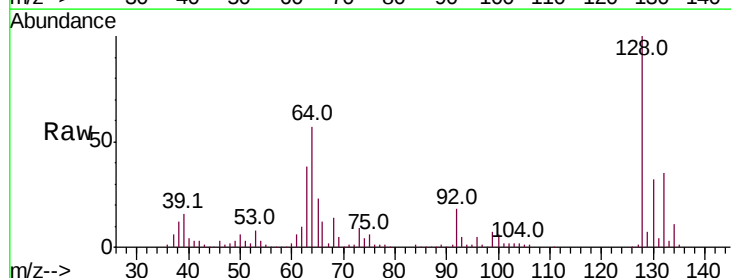
Tgt Ion:128 Resp: 424270

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

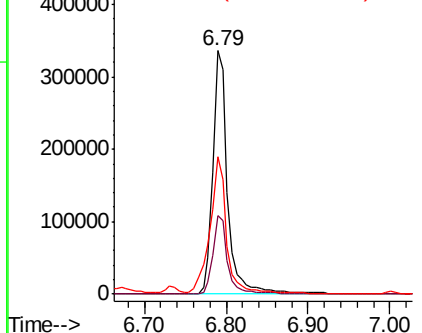
64 56.5 29.4 69.4

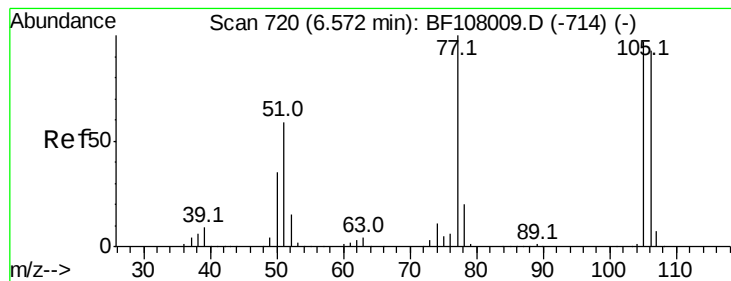


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.727 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

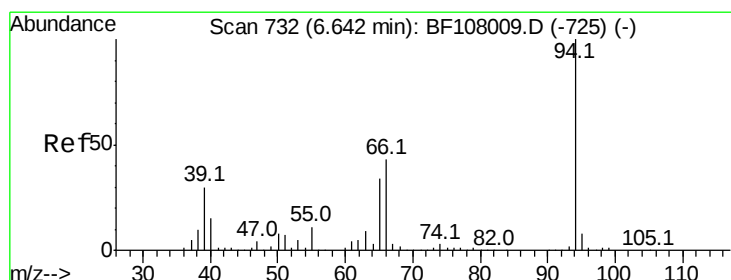
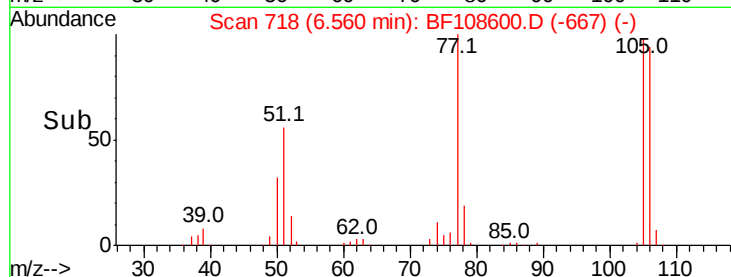
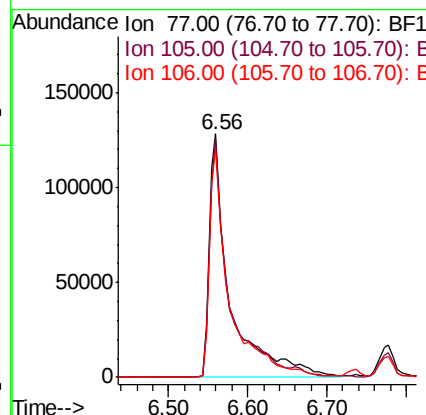
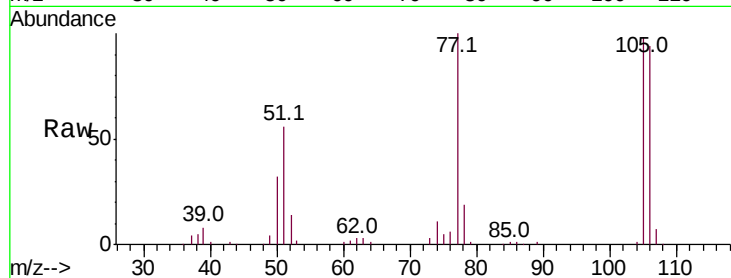
ClientSampleID :

PB112433BS

Tot Ion:	77	Resp:	236506
Ion Ratio	Lower	Upper	
77	100		
105	98.1	81.1	121.1
106	93.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 49.134 ng

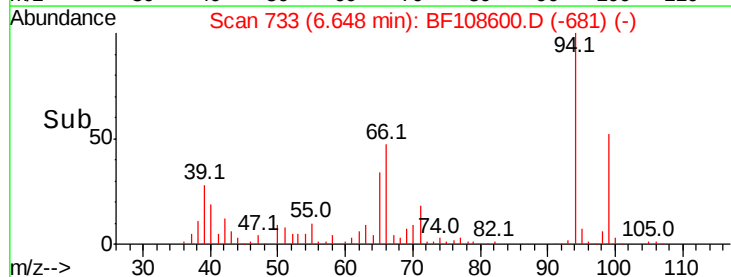
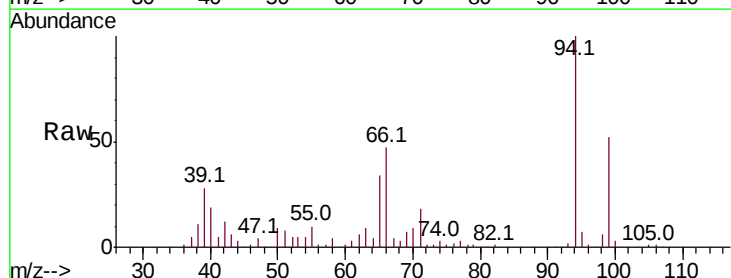
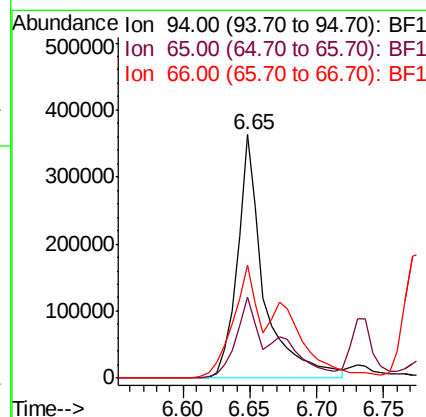
RT: 6.65 min Scan# 733

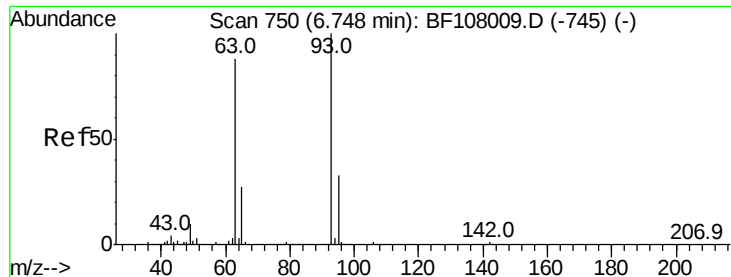
Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:	94	Resp:	504559
Ion Ratio	Lower	Upper	
94	100		
65	33.5	7.9	47.9
66	46.7	16.2	56.2





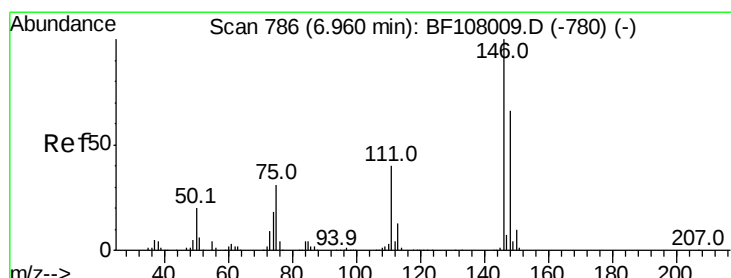
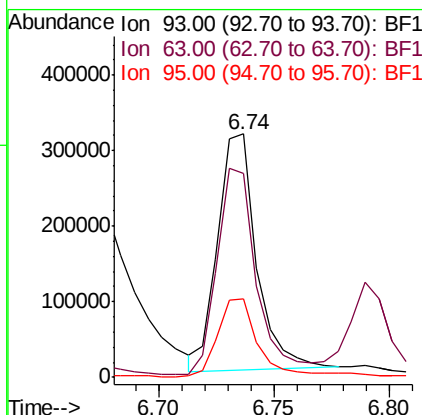
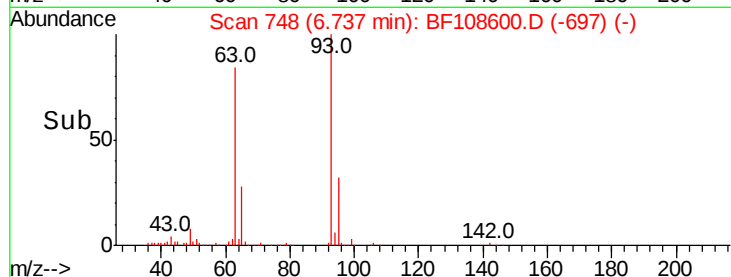
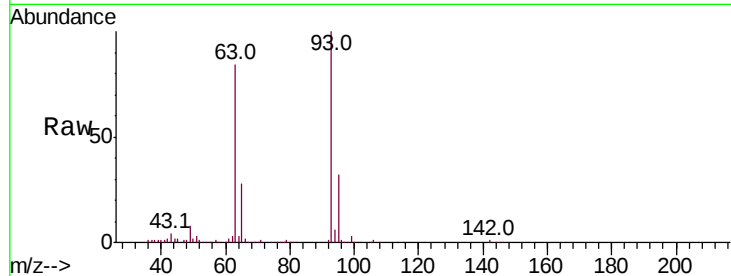
#11
bis(2-Chloroethyl)ether
Concen: 44.010 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	93	Resp	365374
Ion Ratio	100	Lower	Upper
93	100		
63	83.7	58.6	98.6
95	32.2	11.8	51.8

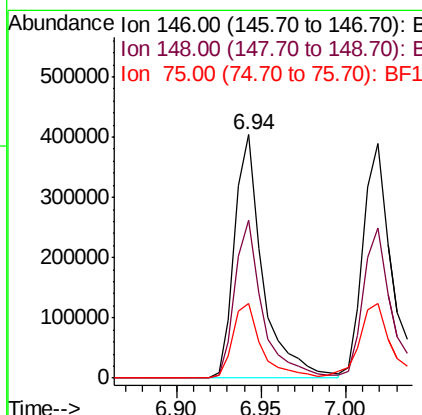
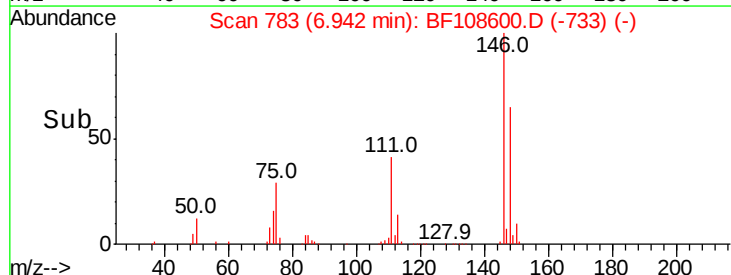
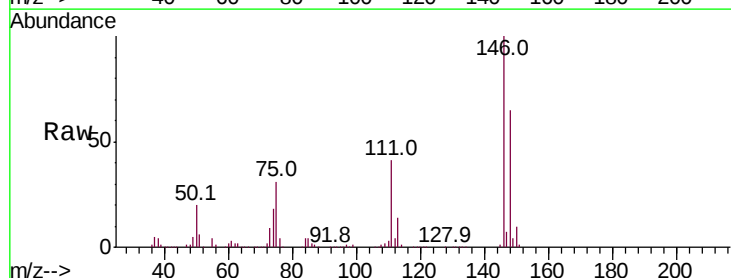
Manual Integrations
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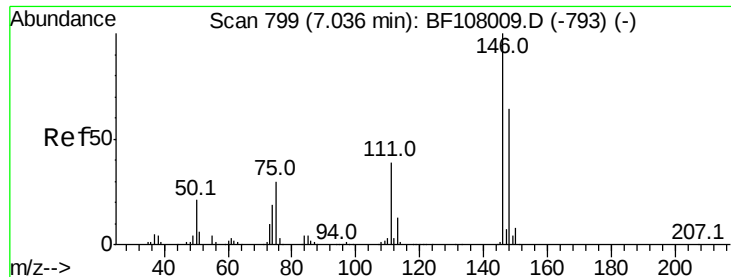
Sohil
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#12
1,3-Dichlorobenzene
Concen: 48.170 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	146	Resp	468642
Ion Ratio	100	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.6	24.2	36.4





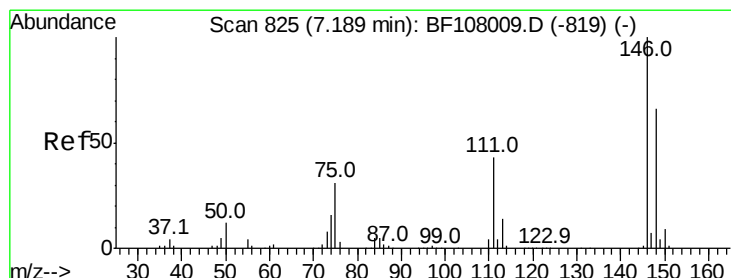
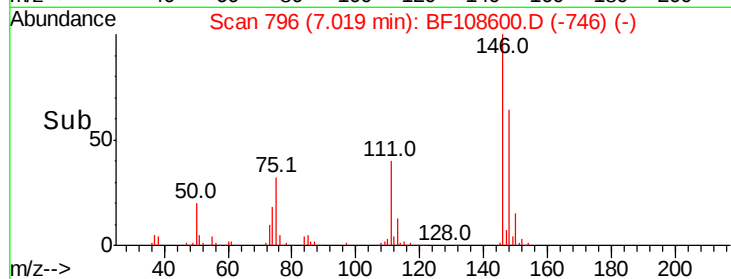
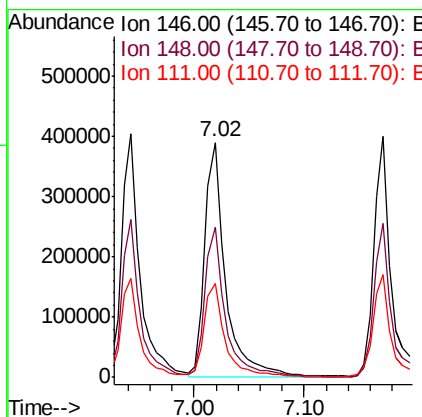
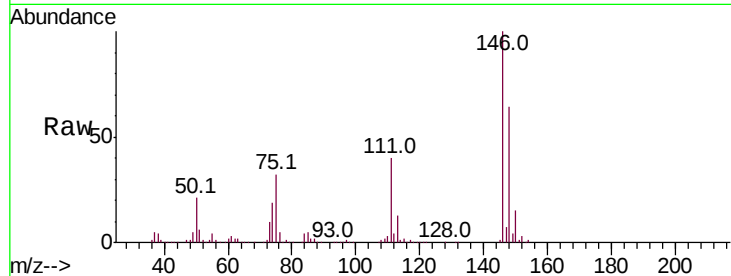
#13
 1,4-Dichlorobenzene
 Concen: 51.218 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleID :
 PB112433BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	39.9	34.2	51.2

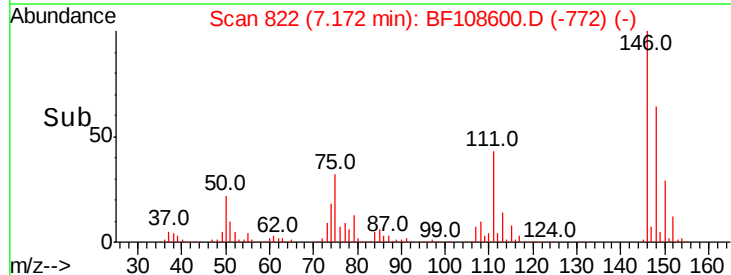
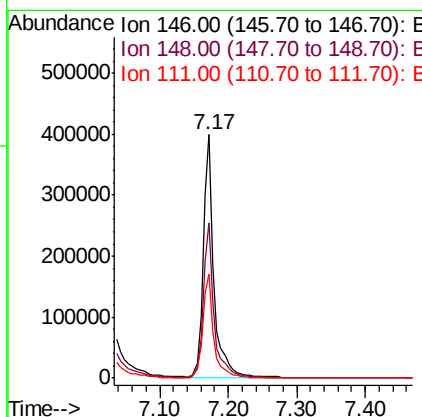
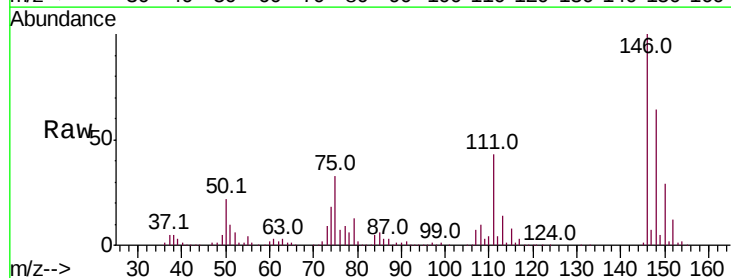
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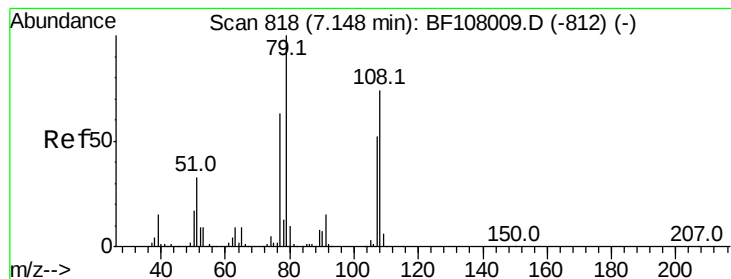
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#14
 1,2-Dichlorobenzene
 Concen: 48.783 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.770 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

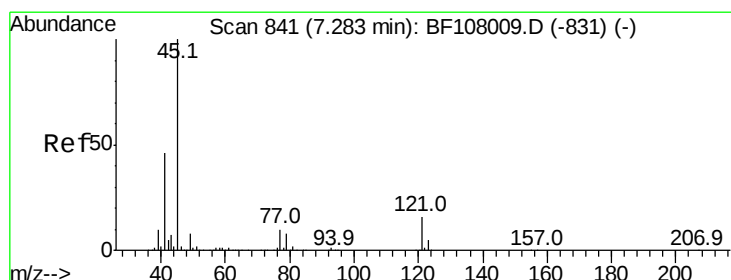
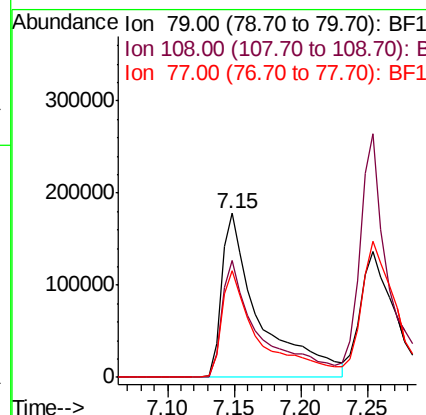
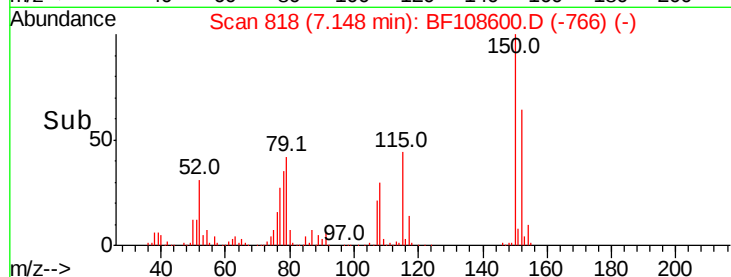
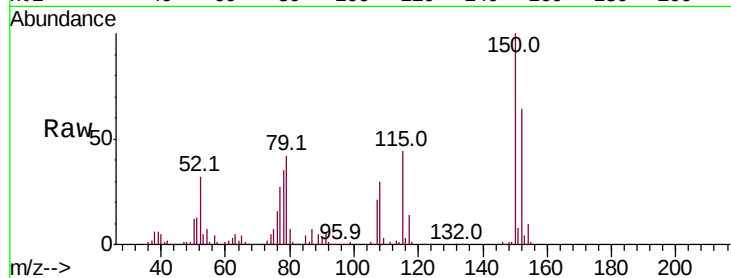
ClientSampleId :

PB112433BS

Tot Ion:	79	Resp:	357448
Ion Ratio	Lower	Upper	
79	100		
108	71.4	65.1	97.7
77	65.0	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.236 ng

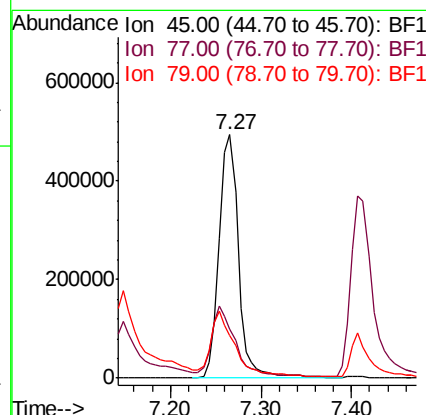
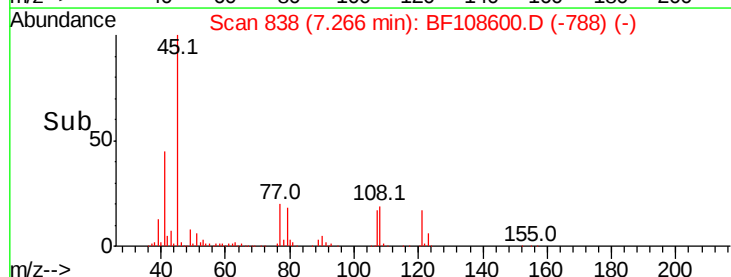
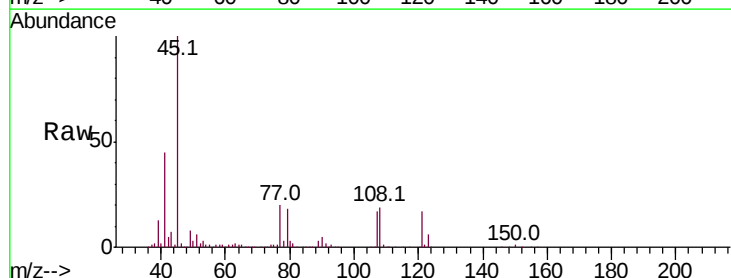
RT: 7.27 min Scan# 838

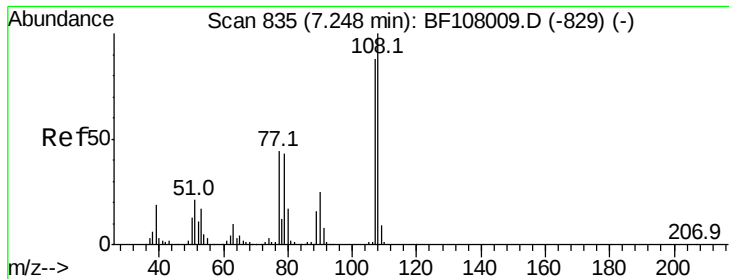
Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:	45	Resp:	739449
Ion Ratio	Lower	Upper	
45	100		
77	20.0	0.0	32.9
79	17.6	0.0	29.6





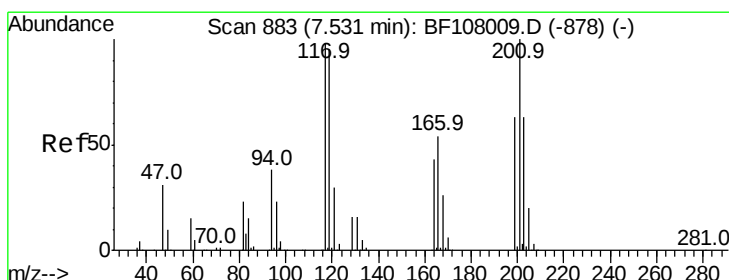
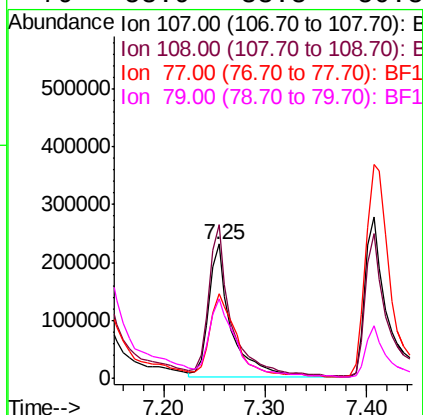
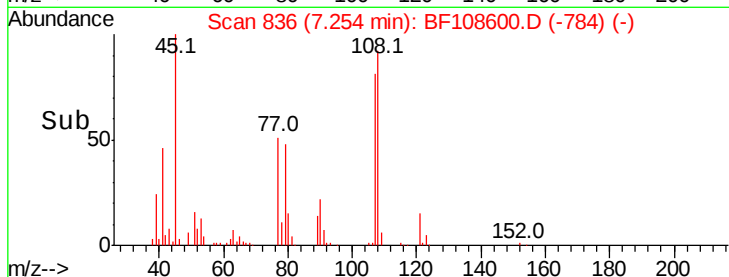
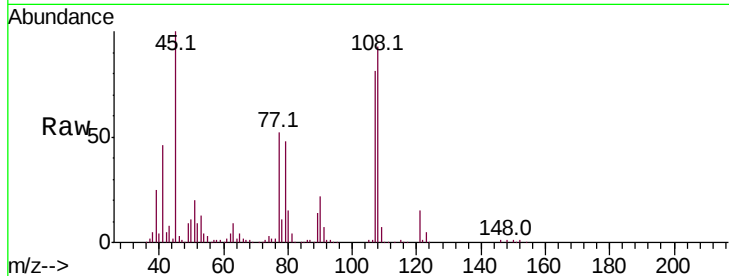
#17
2-Methylphenol
Concen: 49.316 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.7	137.5	
77	63.5	33.8	50.8#	
79	58.9	33.8	50.8#	

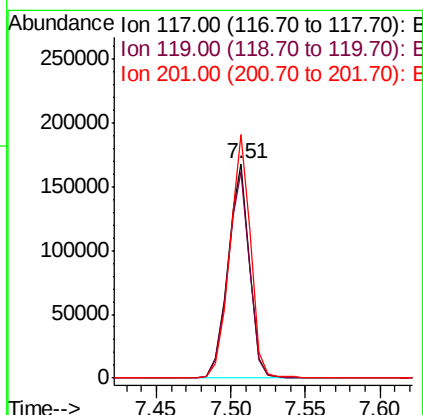
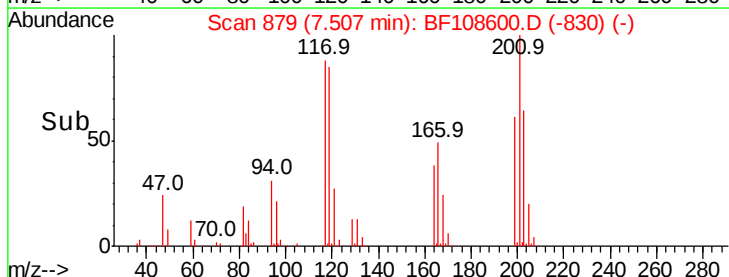
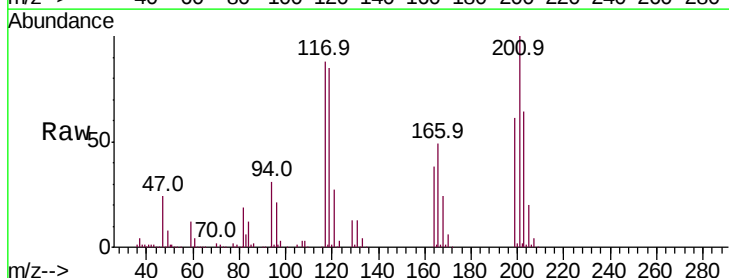
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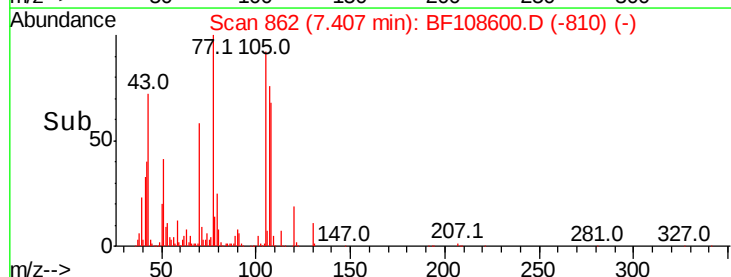
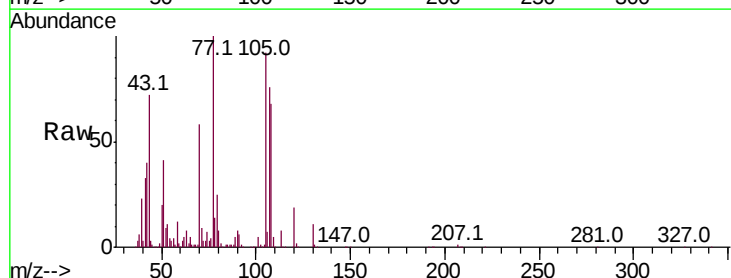
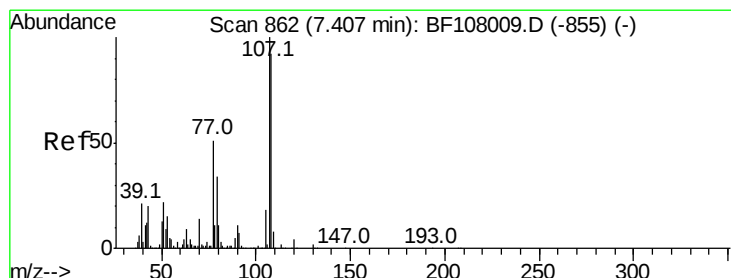
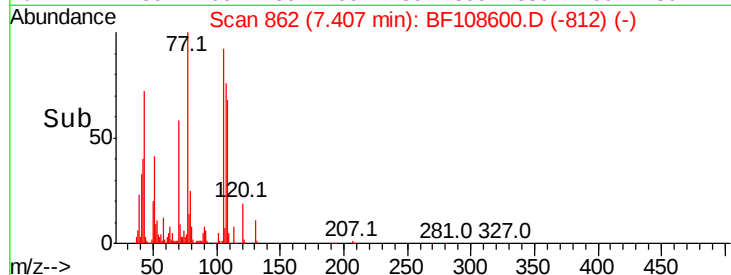
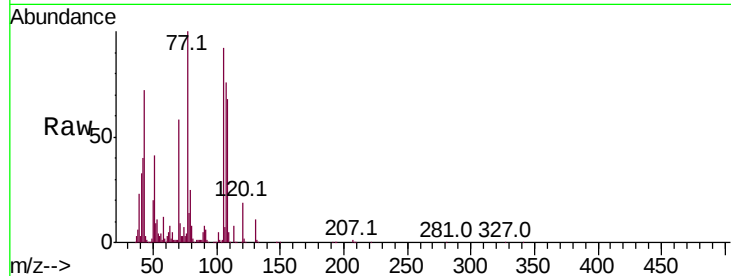
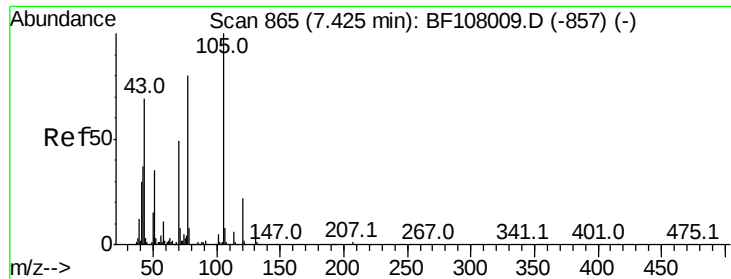
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#18
Hexachloroethane
Concen: 49.140 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	113.4	75.7	113.5	





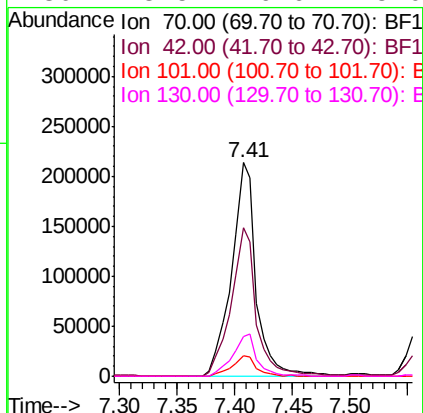
#19
n-Nitroso-di-n-propylamine
Concen: 47.166 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.3	47.5	71.3
101	9.3	7.4	11.2
130	18.5	16.6	25.0

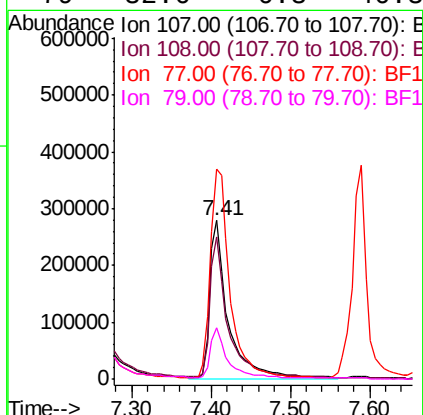
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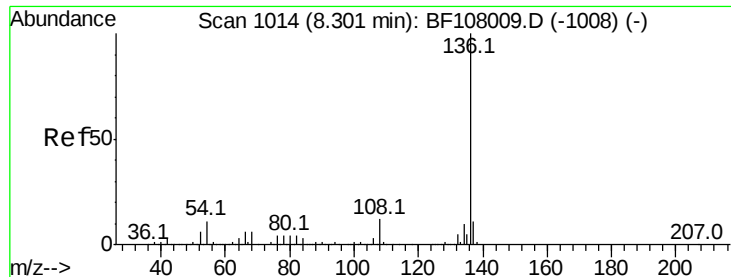
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#20
3+4-Methylphenols
Concen: 49.064 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	132.3	26.7	66.7#
79	32.6	6.3	46.3





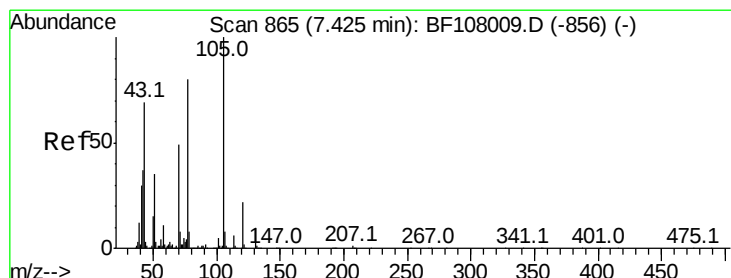
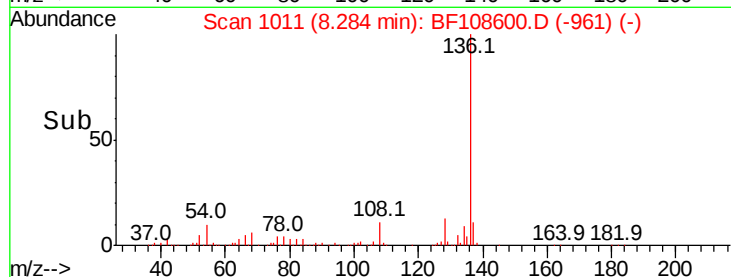
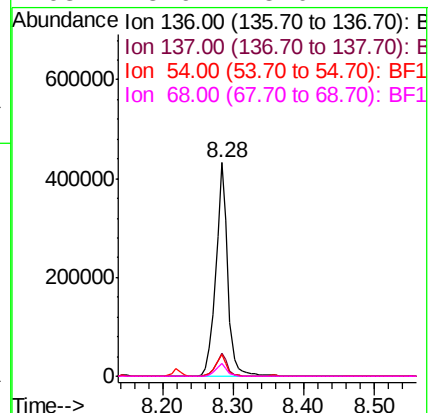
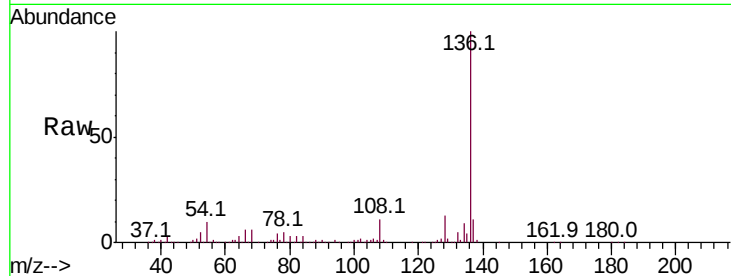
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.0	6.6	9.8#
68	5.9	5.0	7.4

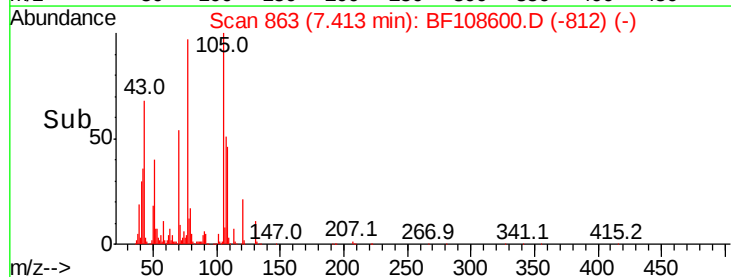
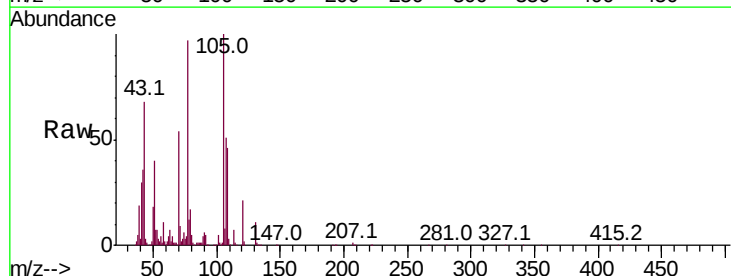
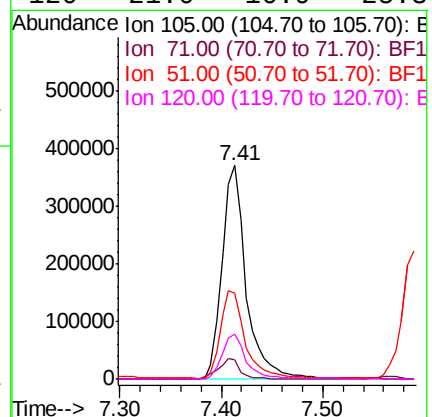
Manual Integrations
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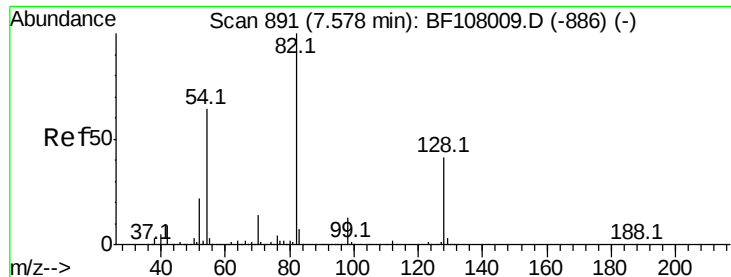
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#22
Acetophenone
Concen: 51.836 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.8	4.4	6.6#
51	40.0	22.3	33.5#
120	21.0	16.9	25.3





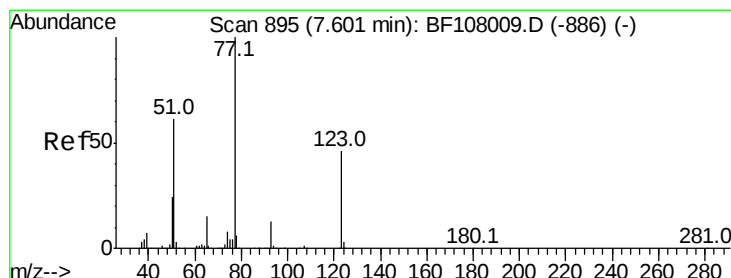
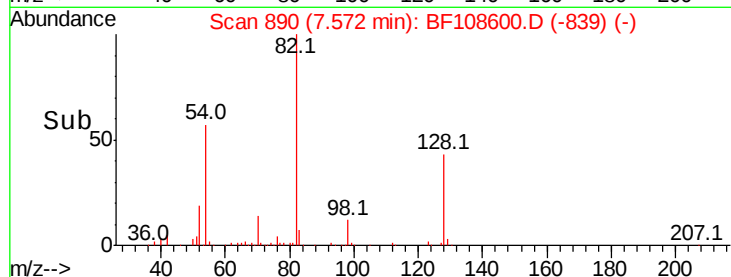
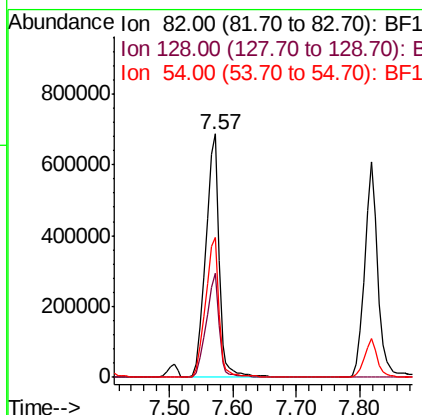
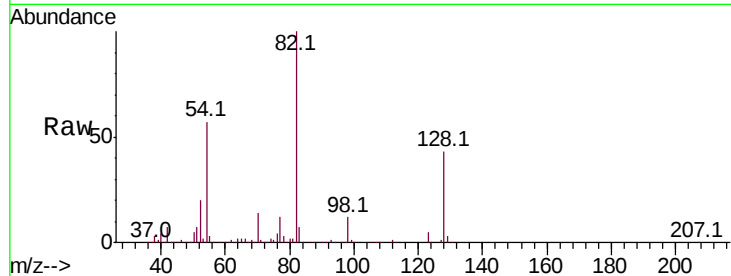
#23
 Nitrobenzene-d5
 Concen: 109.106 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	991233		
128	43.0	36.1	54.1	
54	57.4	41.4	62.2	

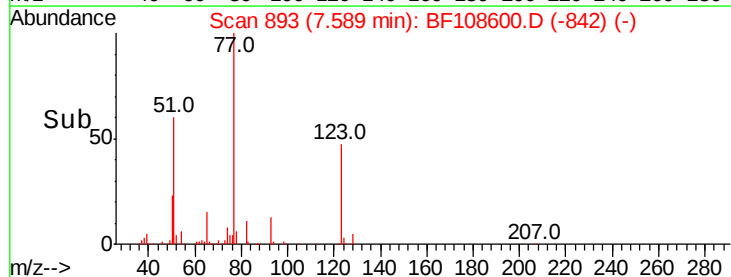
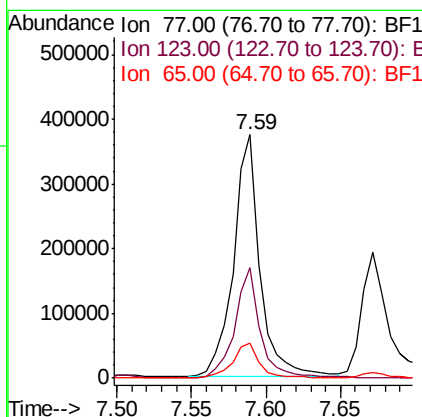
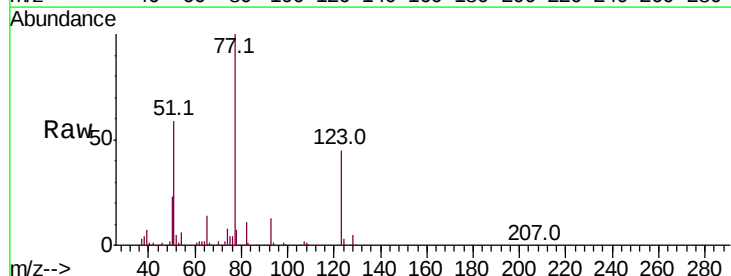
Manual Integrations
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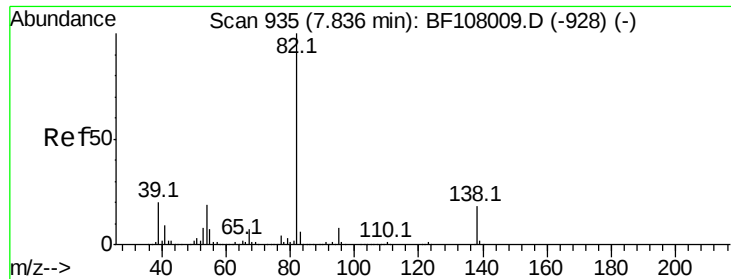
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#24
 Nitrobenzene
 Concen: 50.917 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	467776		
123	45.1	37.9	56.9	
65	14.3	11.0	16.4	





#25

Isophorone

Concen: 50.410 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

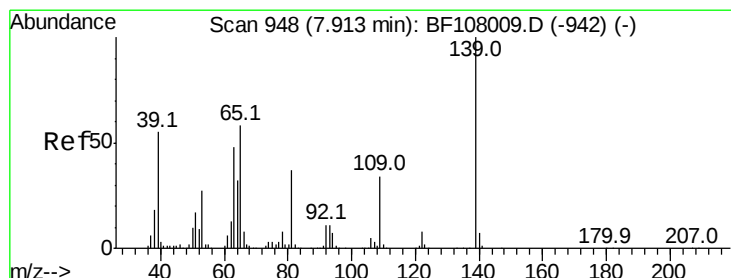
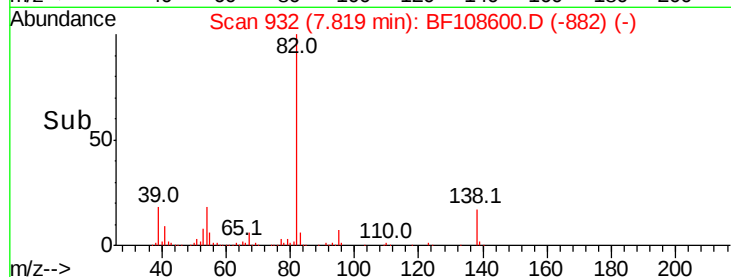
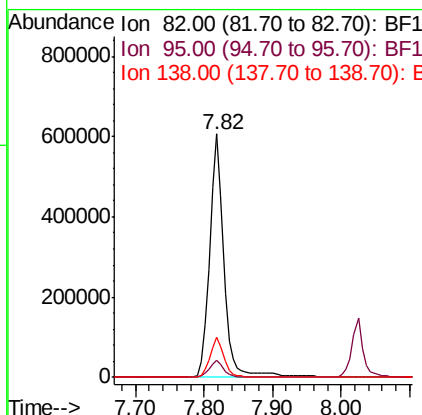
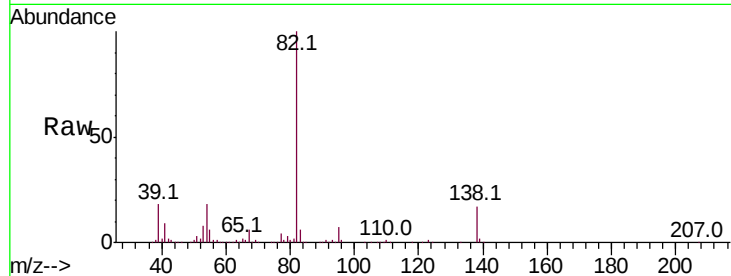
ClientSampleId :

PB112433BS

Tot Ion:	82	Resp:	872932
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.813 ng

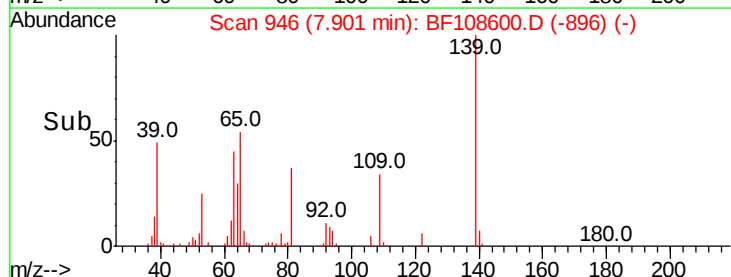
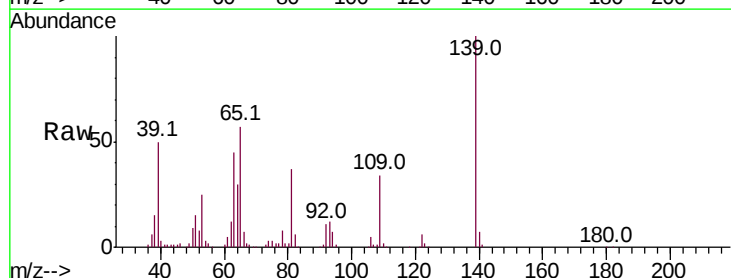
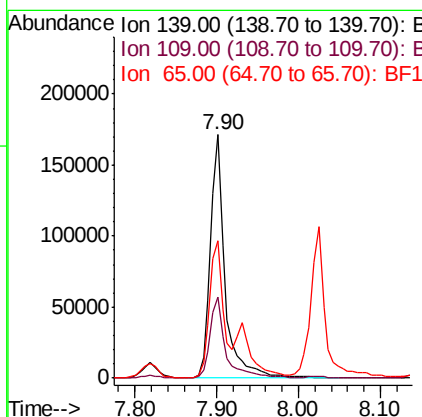
RT: 7.90 min Scan# 946

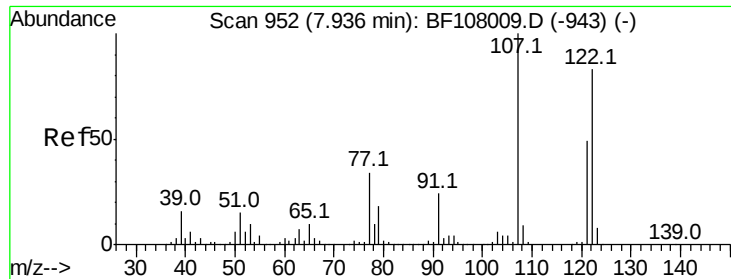
Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:	139	Resp:	214454
Ion Ratio	Lower	Upper	
139	100		
109	33.5	22.7	34.1
65	56.6	40.5	60.7





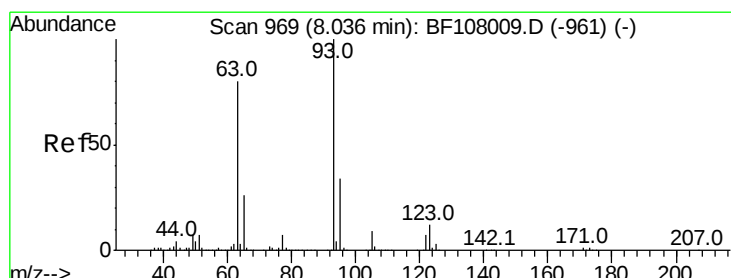
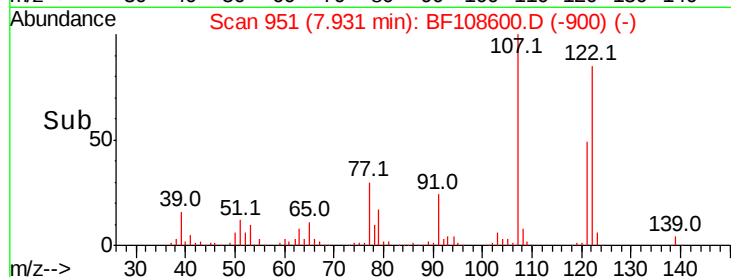
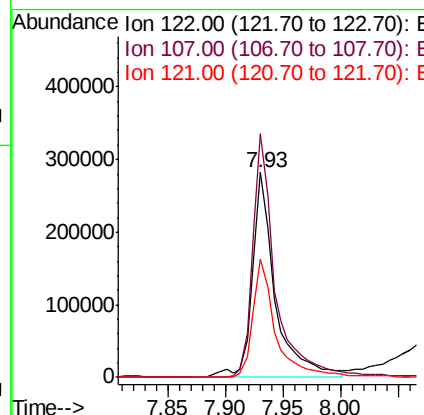
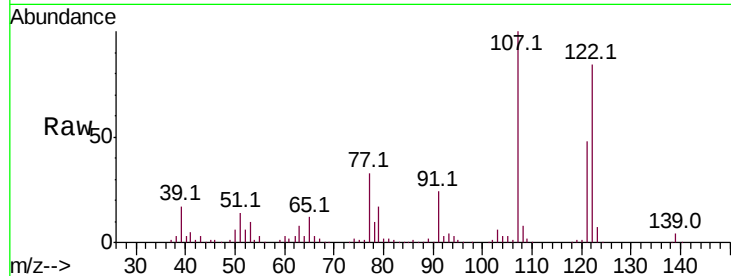
#27
 2,4-Dimethylphenol
 Concen: 50.791 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	91.2	136.8
121	57.4	47.2	70.8

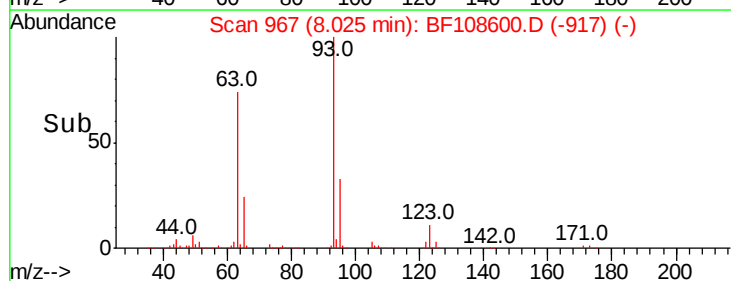
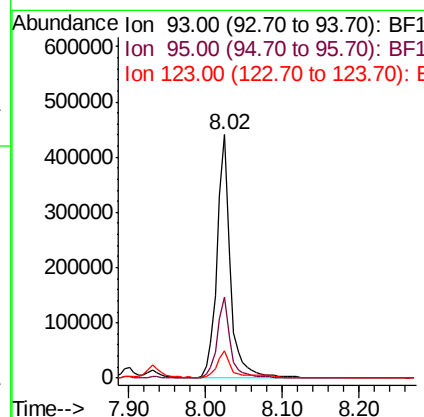
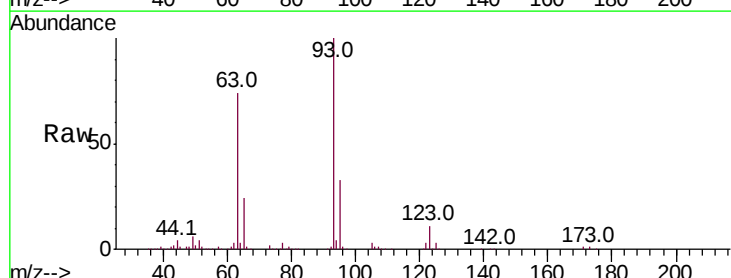
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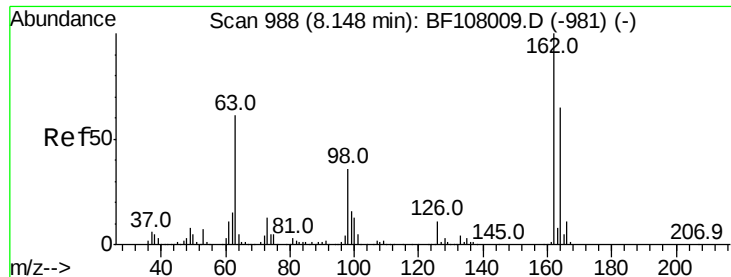
Sohil
 8/30/2018 12:18:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.234 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6





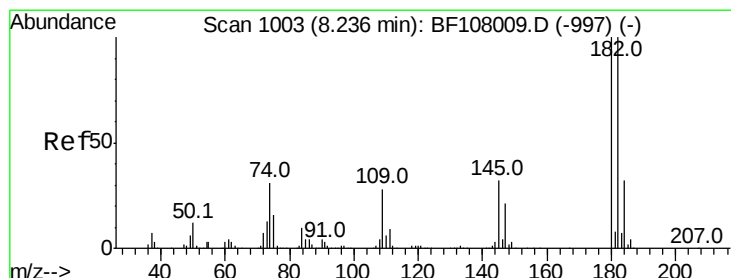
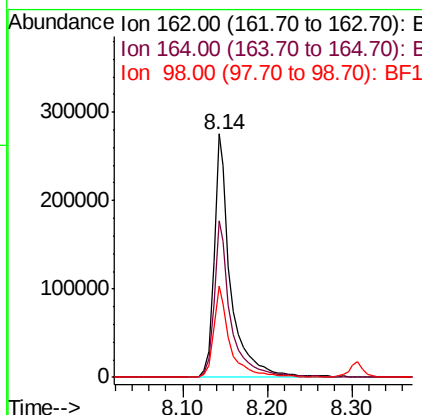
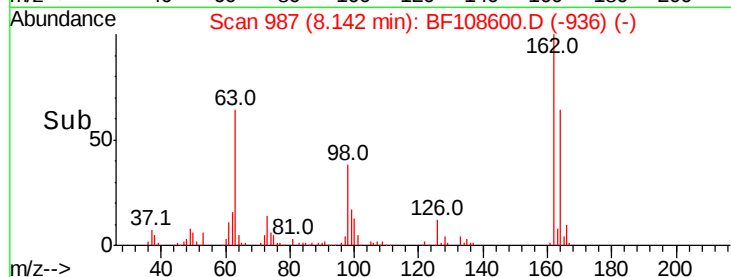
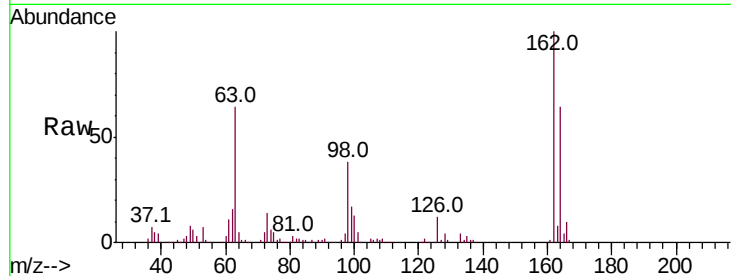
#29
 2,4-Dichlorophenol
 Concen: 54.024 ng
 RT: 8.14 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	382101		
164	64.1	42.7	82.7	
98	37.5	18.1	58.1	

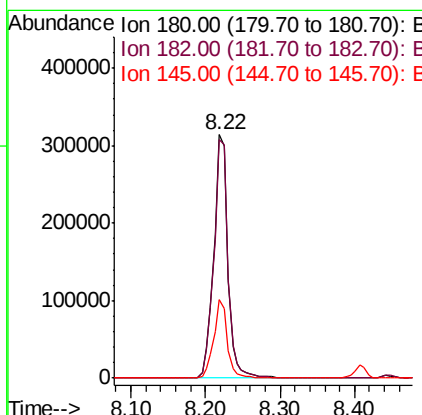
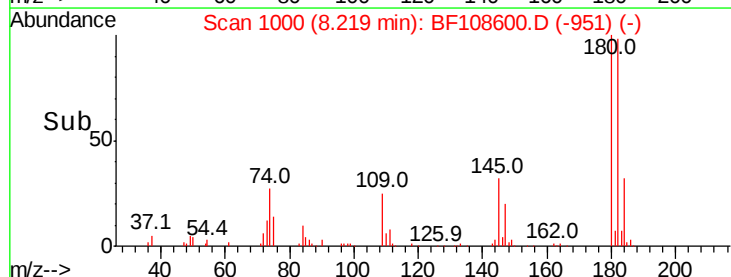
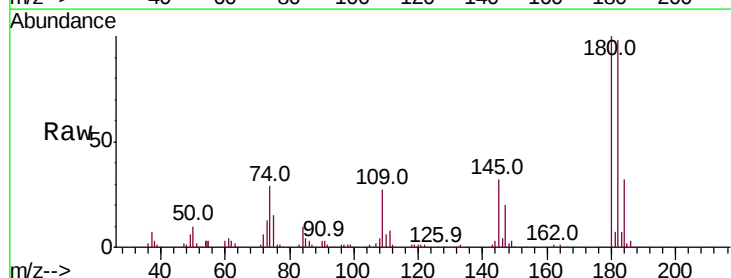
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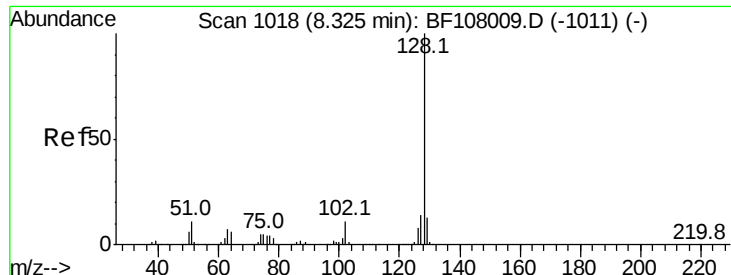
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.617 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	410305		
182	98.1	76.8	115.2	
145	32.0	26.5	39.7	





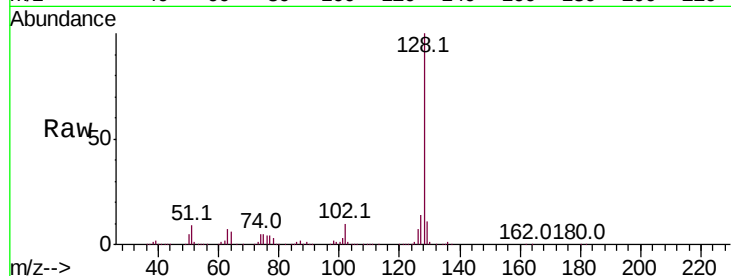
#31
Naphthalene
Concen: 54.616 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.6	10.9	16.3

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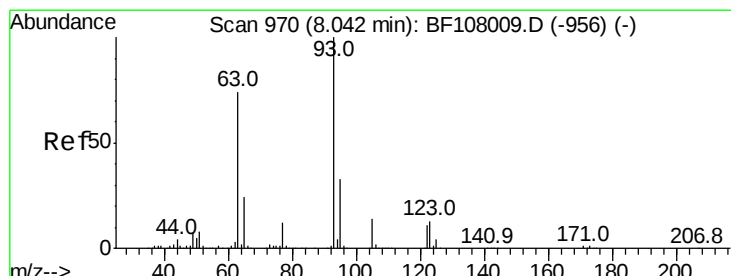
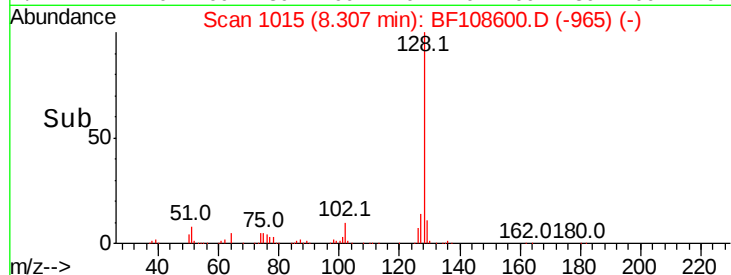
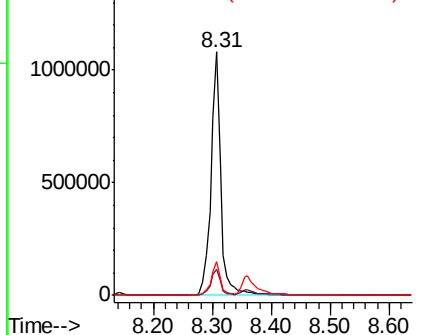


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.810 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

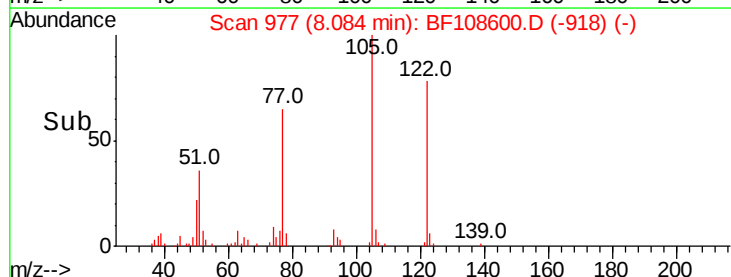
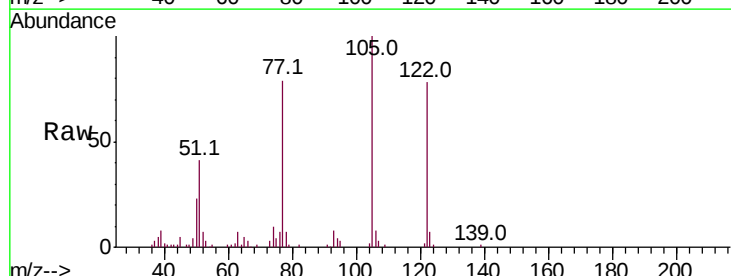
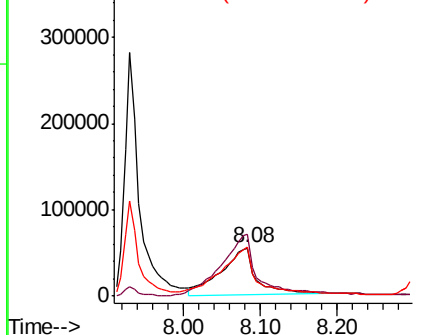
Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.2	101.1	141.1
77	100.7	70.7	110.7

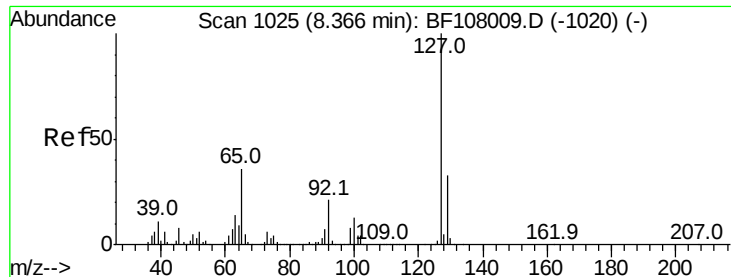
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





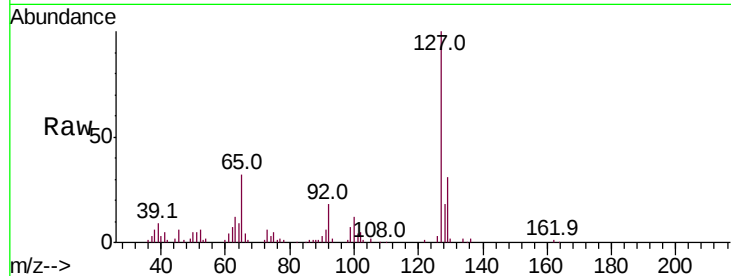
#33
4-Chloroaniline
Concen: 15.757 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

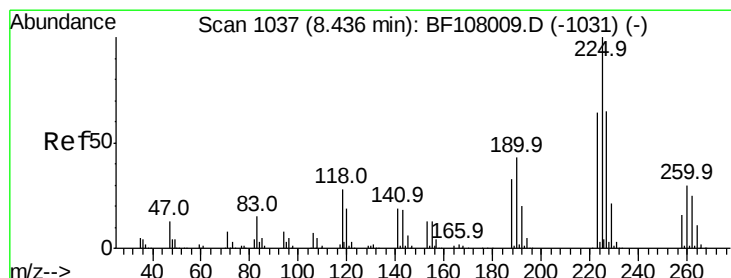
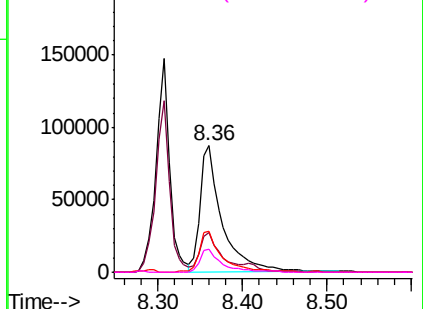
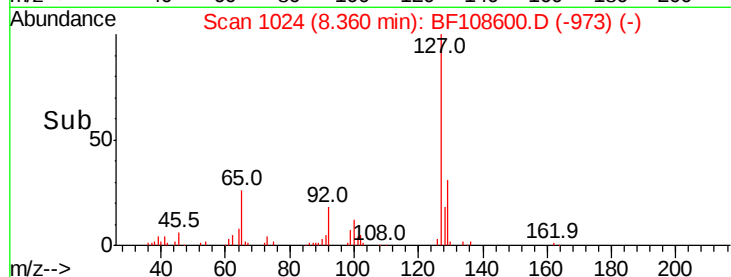
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	25.9	38.9	
65	32.1	25.0	37.4	
92	18.1	15.2	22.8	

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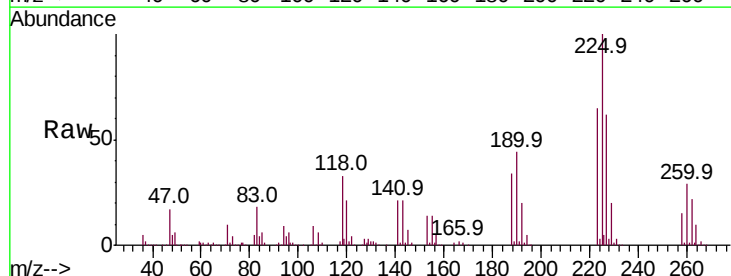


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

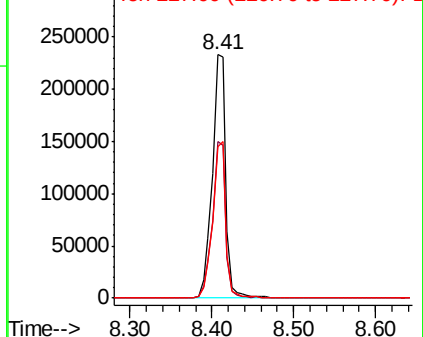
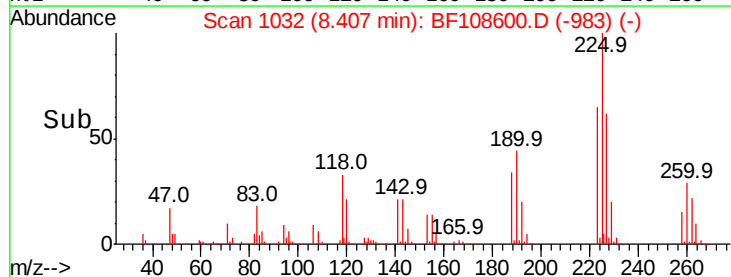


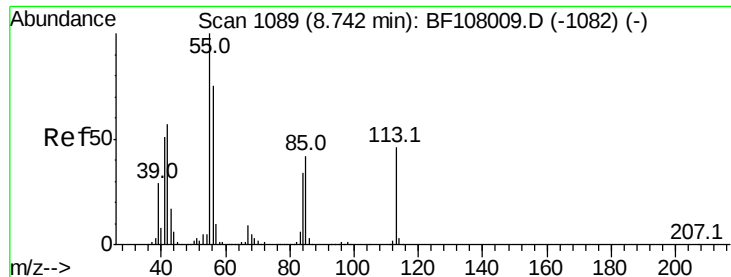
#34
Hexachlorobutadiene
Concen: 54.144 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	50.6	76.0	
227	62.0	51.9	77.9	



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: 43.937 ng/ml

RT: 8.74 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampled :

PB112433BS

Tot Ion:113 Resp: 97383

Ion Ratio Lower Upper

113 100

55 219.6 163.3 203.3#

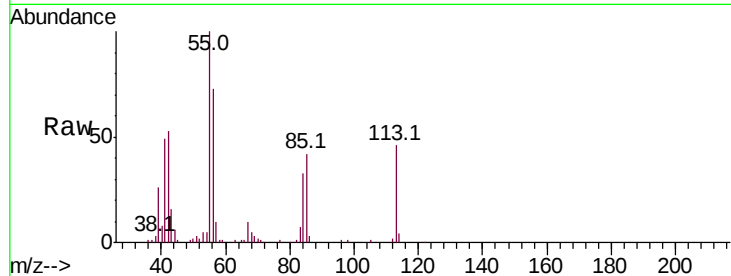
56 159.6 115.7 155.7#

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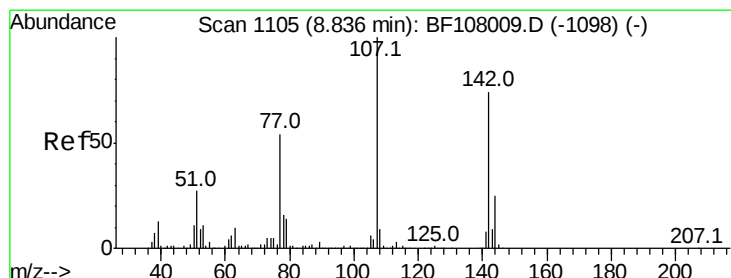
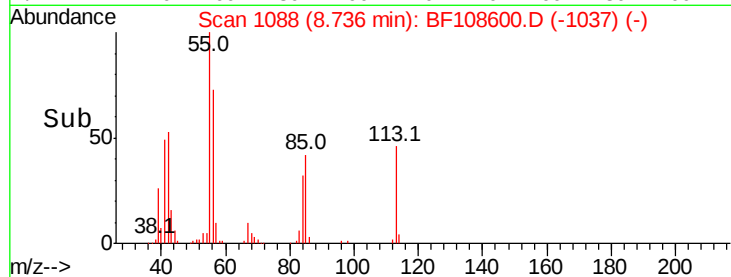
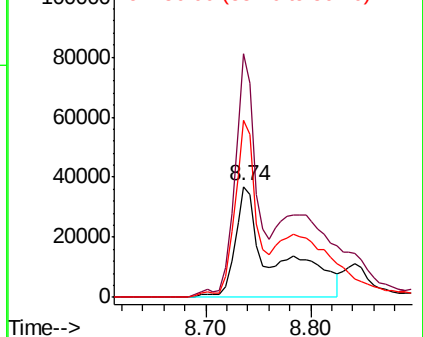
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 52.645 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

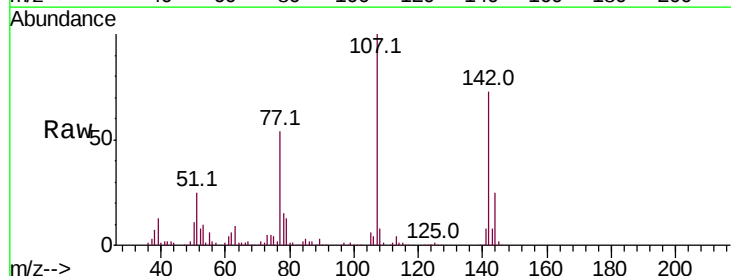
Tgt Ion:107 Resp: 401677

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

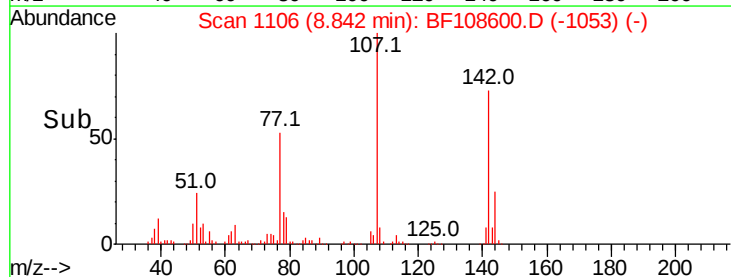
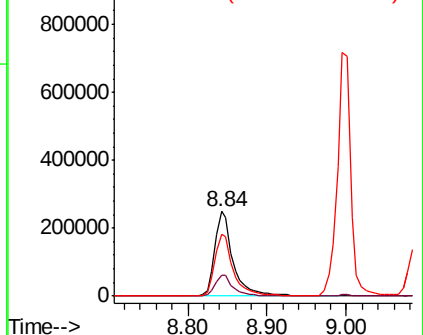
142 72.6 62.0 93.0

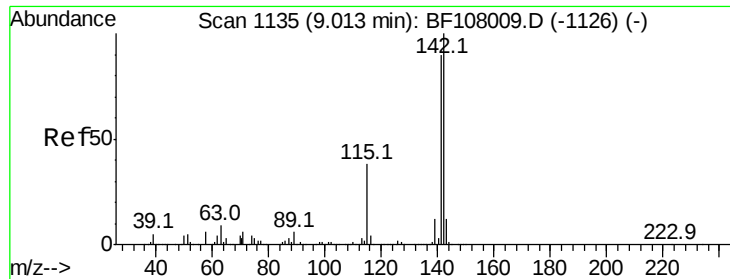


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





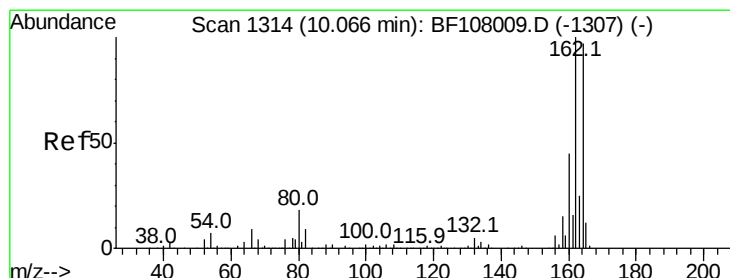
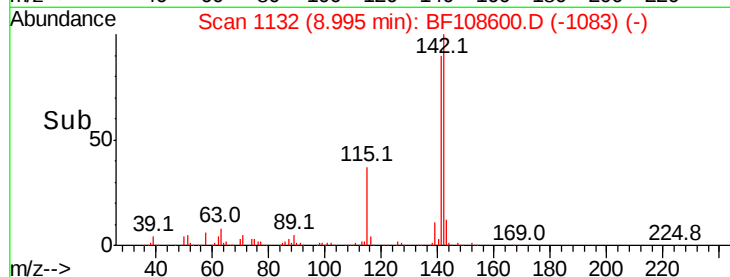
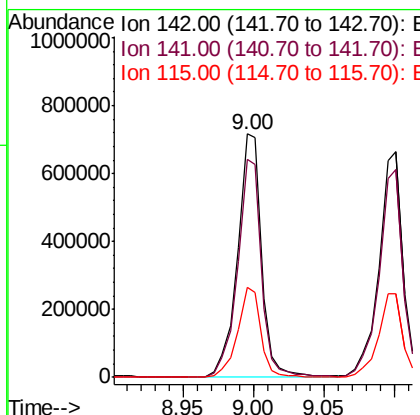
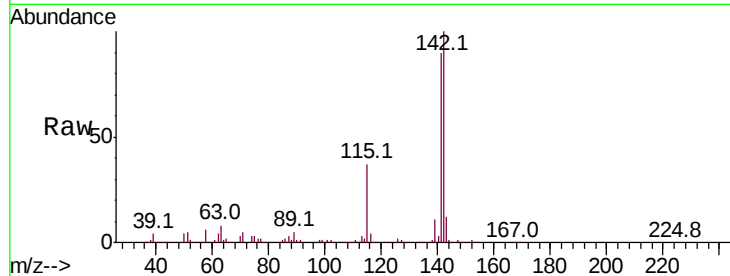
#37
 2-Methylnaphthalene
 Concen: 52.297 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	37.0	26.1	39.1

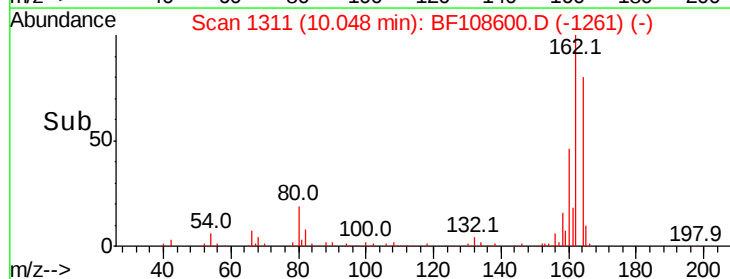
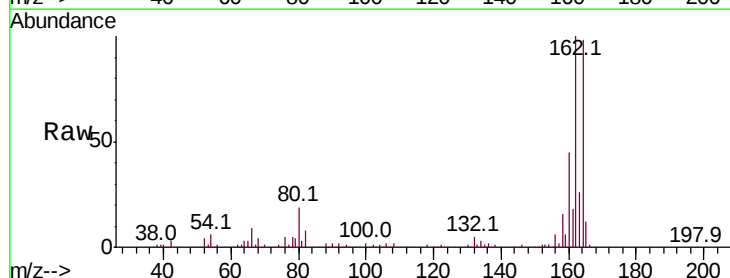
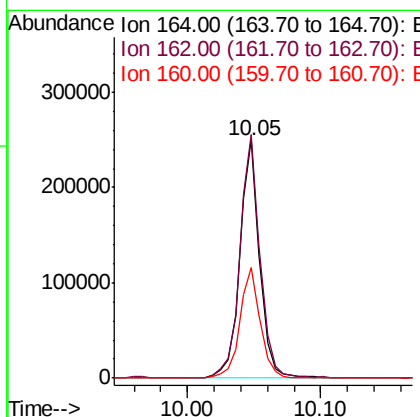
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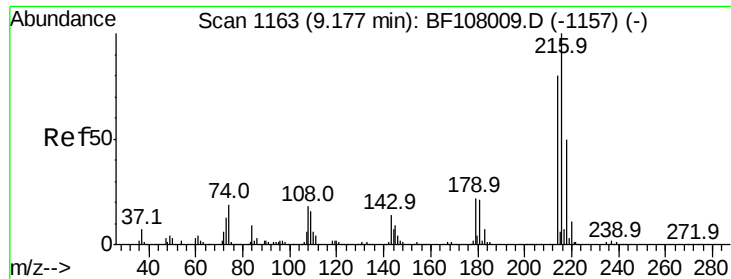
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.2	38.3	57.5





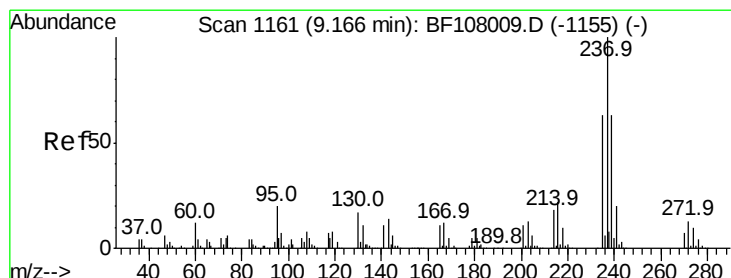
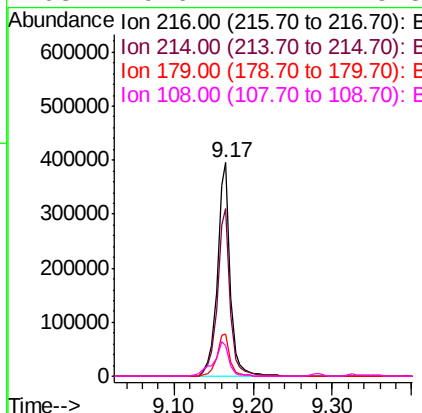
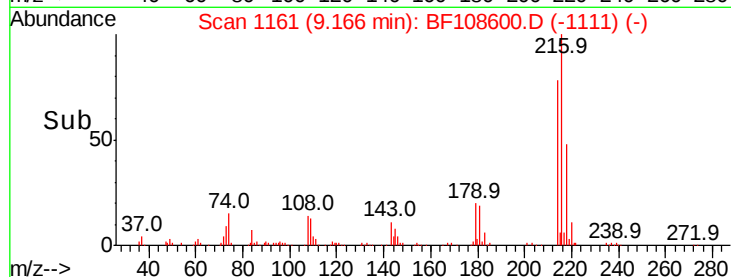
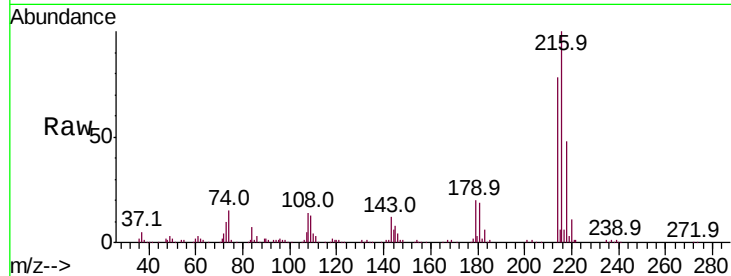
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.233 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	441737		
214	78.7	63.0	94.4	
179	20.1	18.1	27.1	
108	19.6	17.2	25.8	

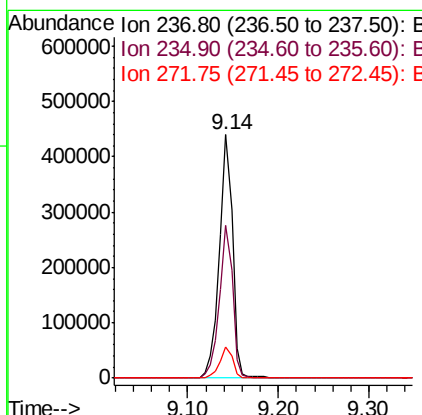
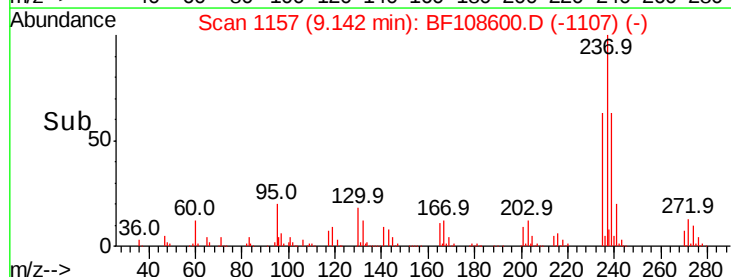
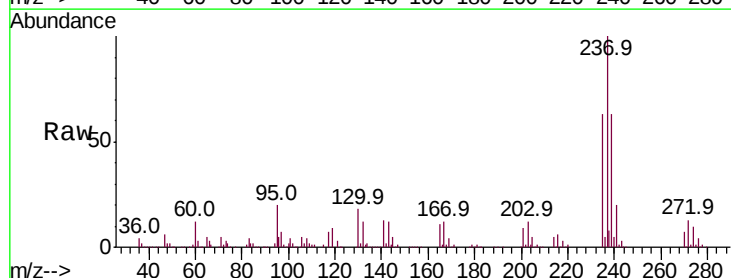
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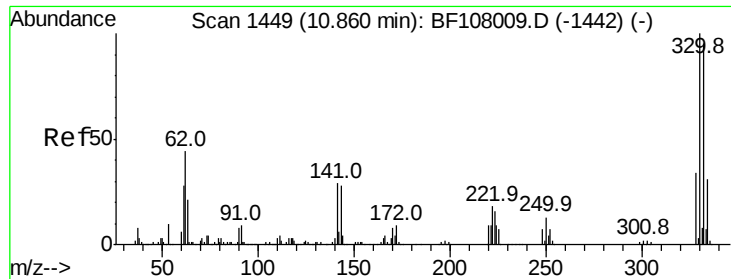
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 86.648 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	439651		
235	62.8	44.8	84.8	
272	12.5	0.0	33.3	





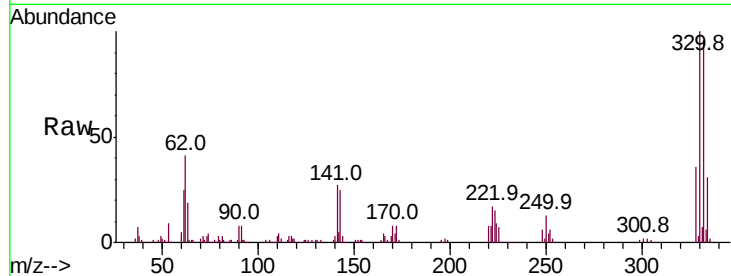
#41
 2,4,6-Tribromophenol
 Concen: 116.882 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

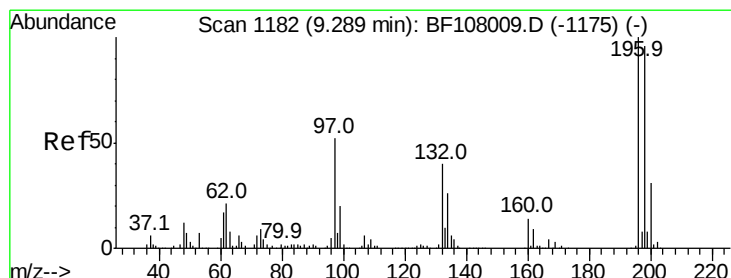
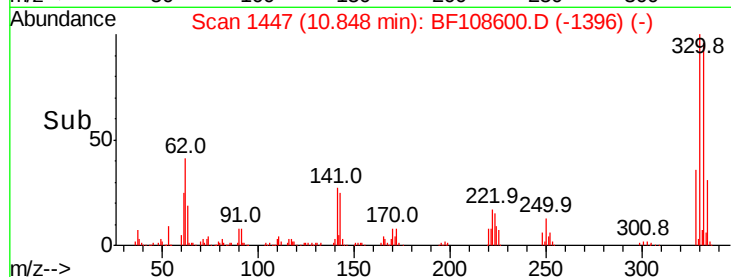
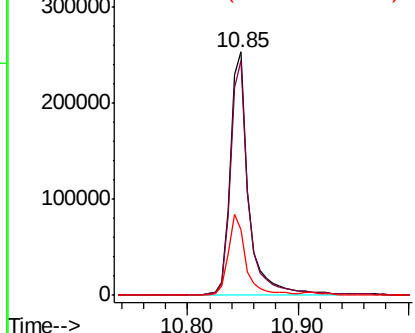
Tot Ion	Ratio	Resp	Lower	Upper
330	100	298237		
332	97.5	77.0	115.6	
141	31.8	29.9	44.9	

Manual Integrations
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Sohil
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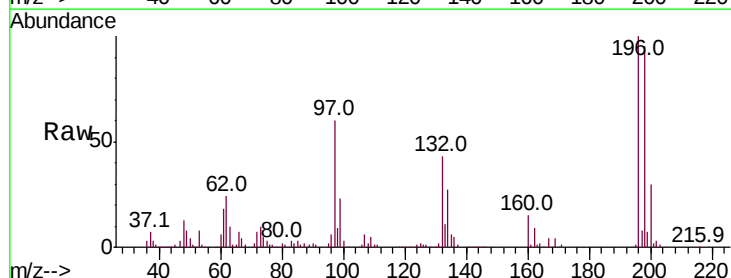


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

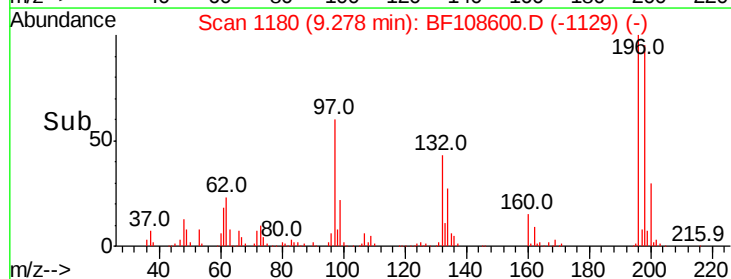
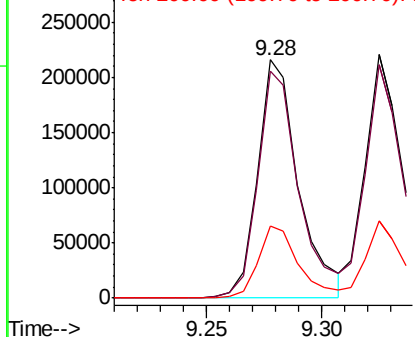


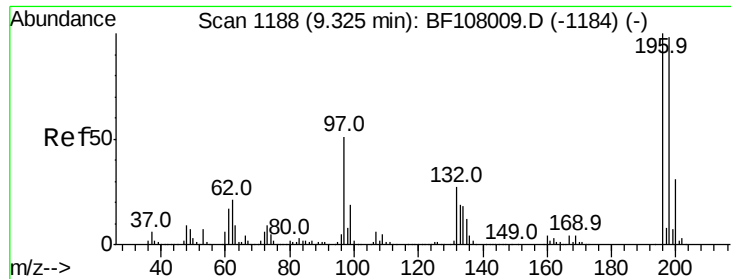
#42
 2,4,6-Trichlorophenol
 Concen: 54.717 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266730		
198	95.3	75.7	113.5	
200	30.3	24.5	36.7	



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





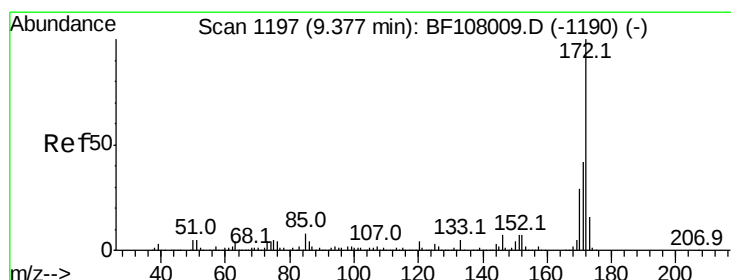
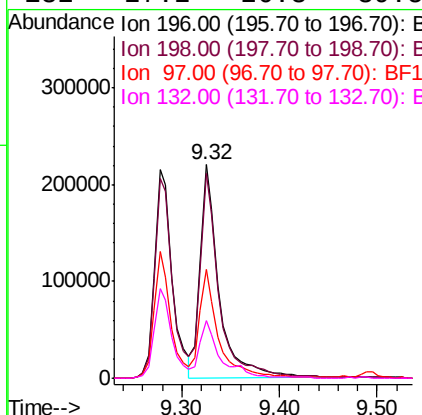
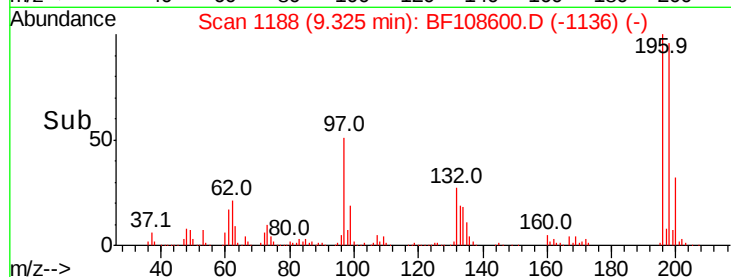
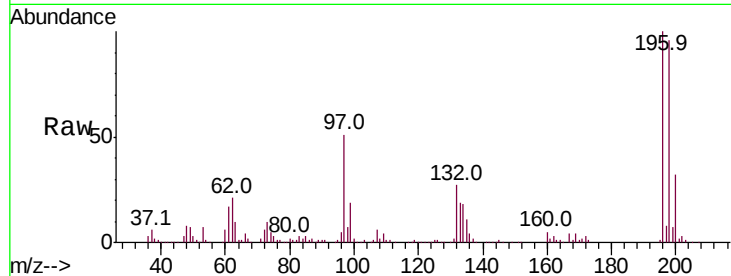
#43
 2,4,5-Trichlorophenol
 Concen: 55.111 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	295738		
198	96.1	74.6	112.0	
97	51.1	42.9	64.3	
132	27.2	26.3	39.5	

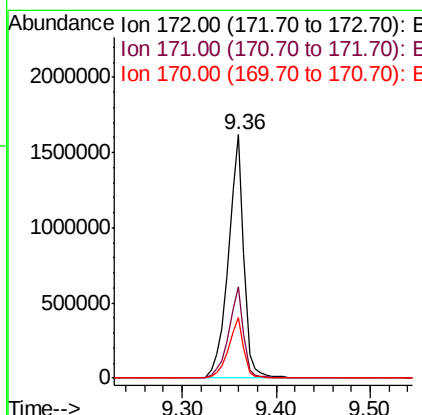
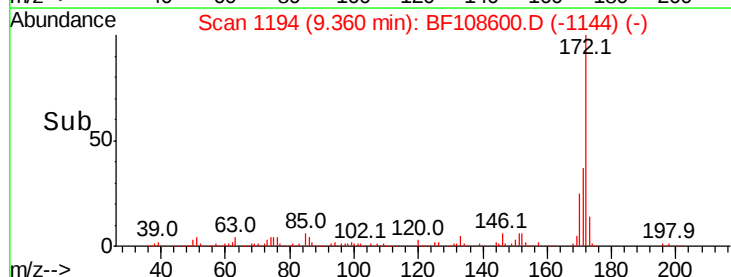
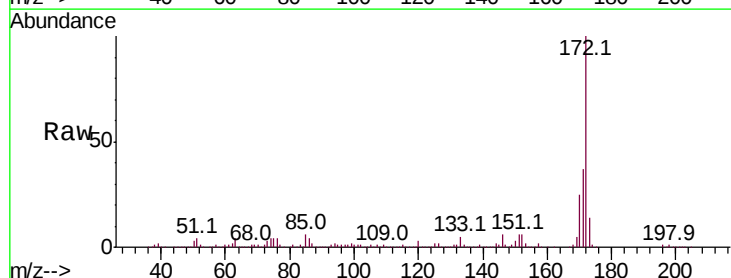
Manual Integrations
 APPROVED

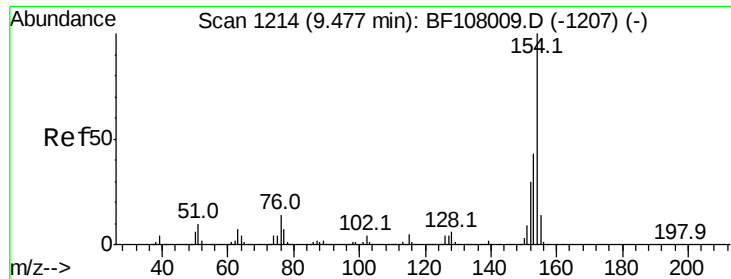
Sohil
 8/30/2018 12:18:28 PM



#44
 2-Fluorobiphenyl
 Concen: 116.318 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1853345		
171	37.4	29.7	44.5	
170	24.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 55.492 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

PB112433BS

Tot Ion:154 Resp: 1046618

Ion Ratio Lower Upper

154 100

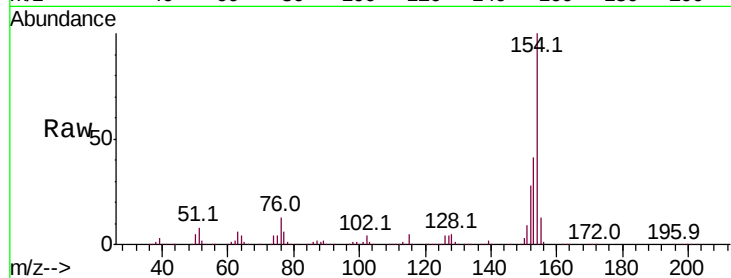
153 40.9 21.3 61.3

76 12.9 0.0 34.0

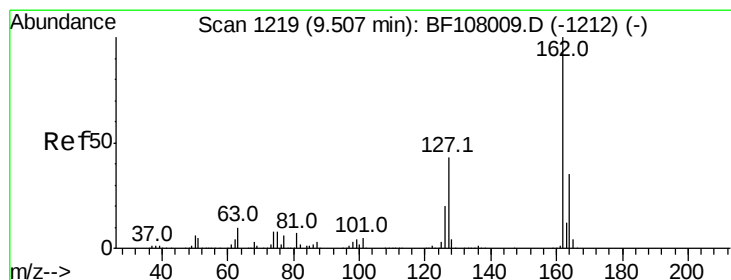
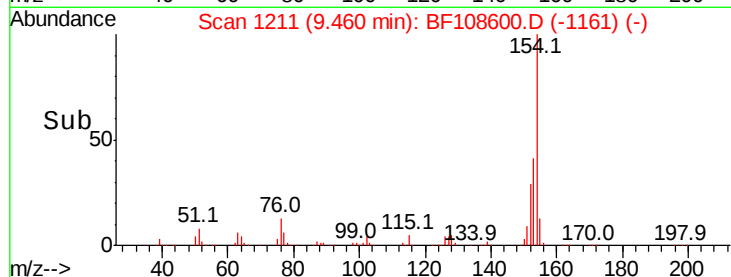
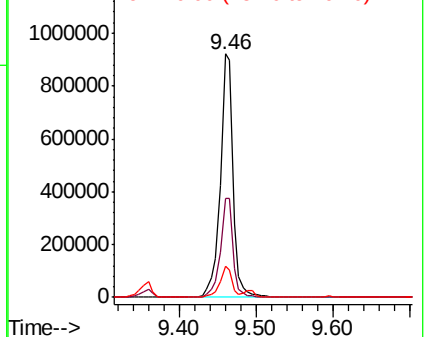
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 53.795 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

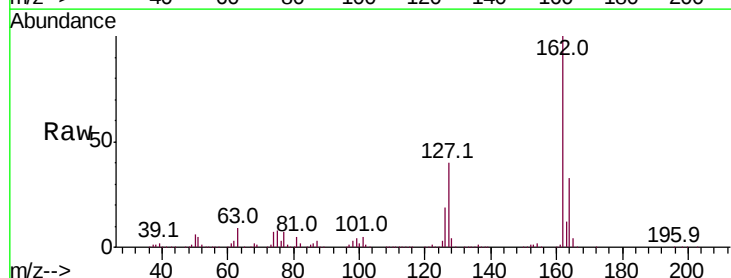
Tgt Ion:162 Resp: 801901

Ion Ratio Lower Upper

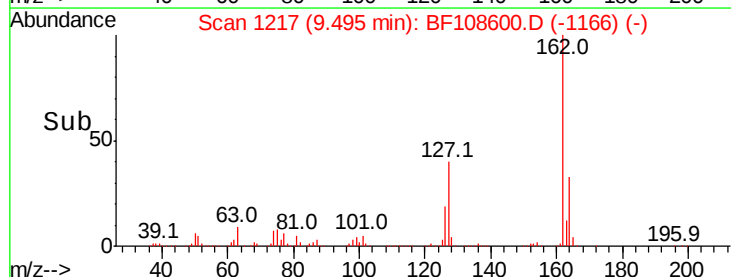
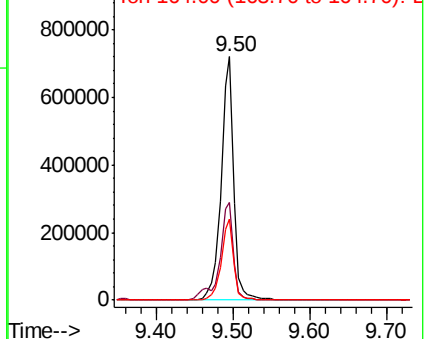
162 100

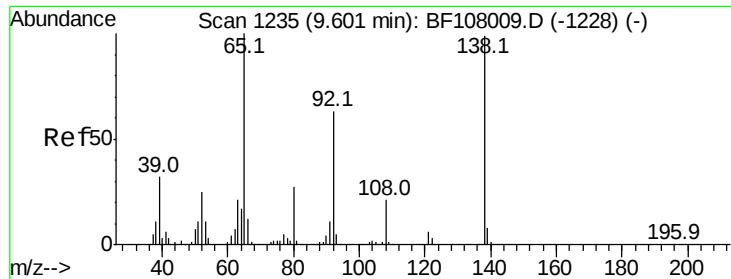
127 40.0 33.9 50.9

164 33.5 26.5 39.7



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





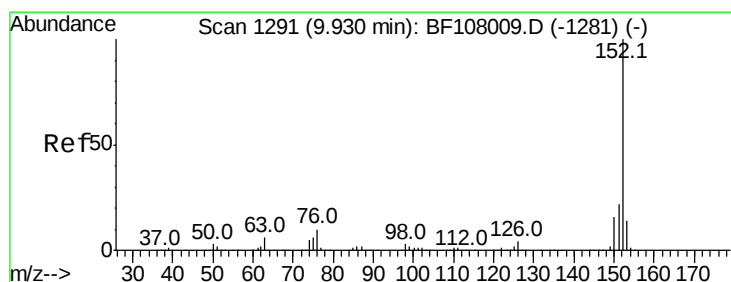
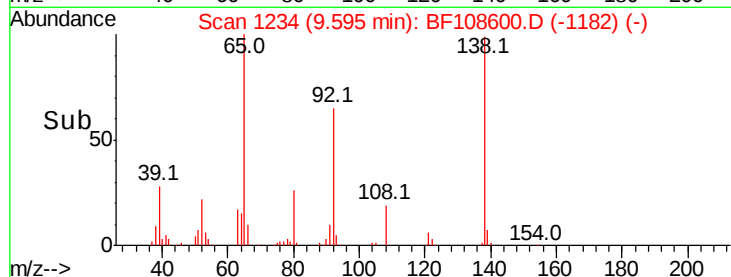
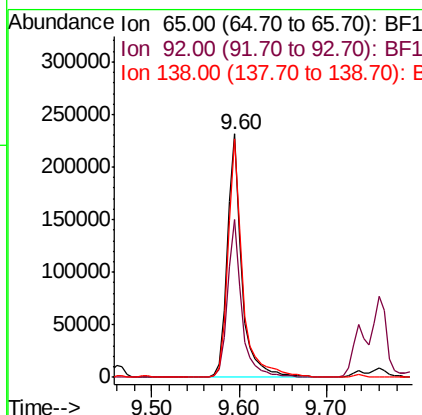
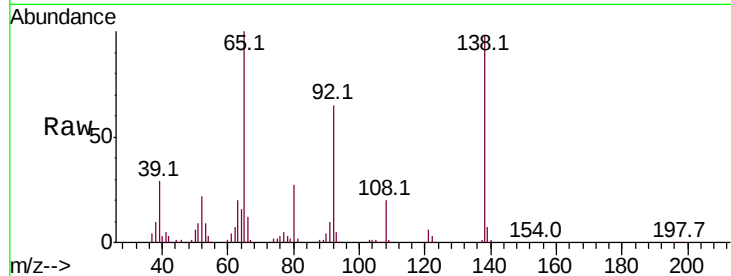
#47
2-Nitroaniline
Concen: 55.039 ng
RT: 9.60 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	55.8	83.6
138	98.1	91.2	136.8

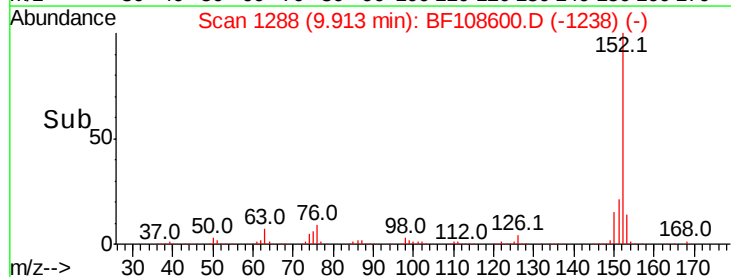
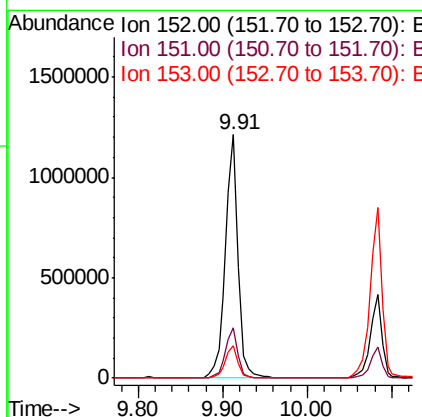
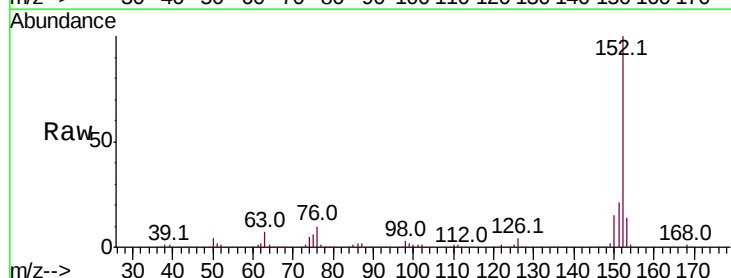
Manual Integrations
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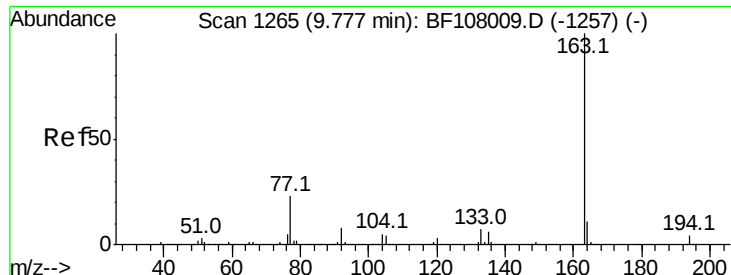
Sohil
8/30/2018 12:18:28 PM



#48
Acenaphthylene
Concen: 53.411 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.5	10.7	16.1





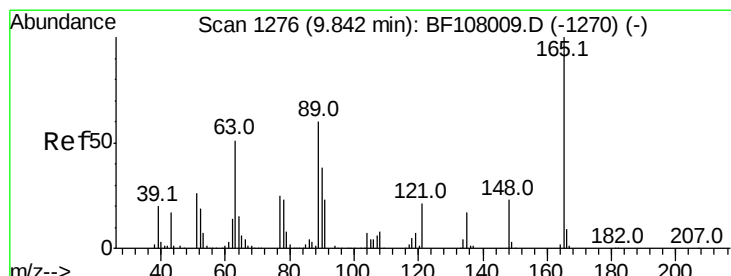
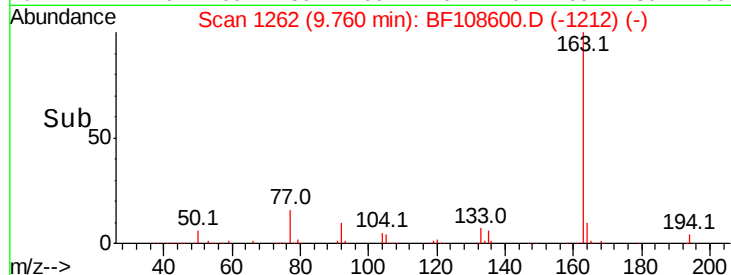
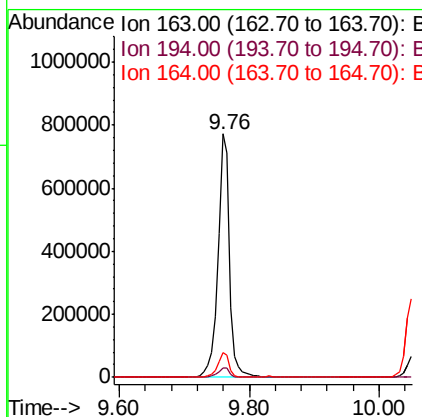
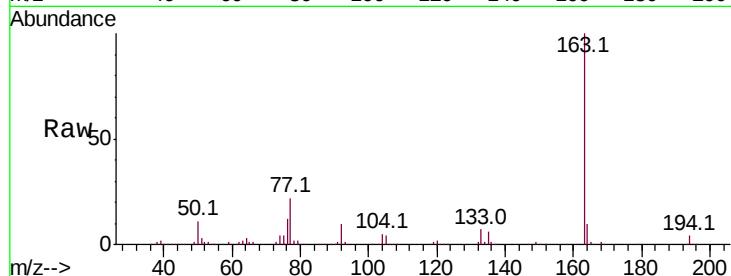
#49
Dimethylphthalate
Concen: 52.942 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.4	8.2	12.2	

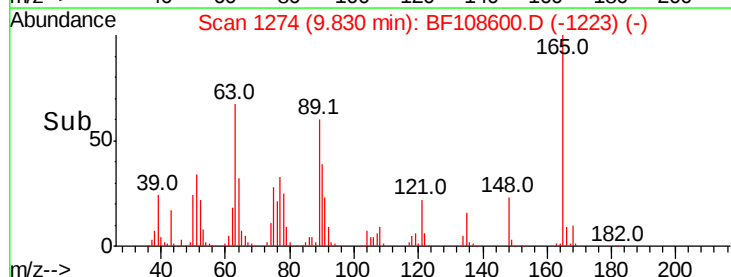
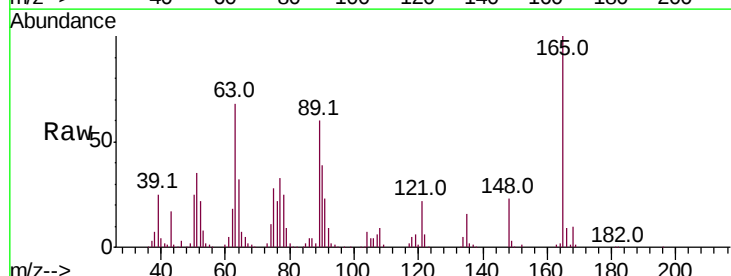
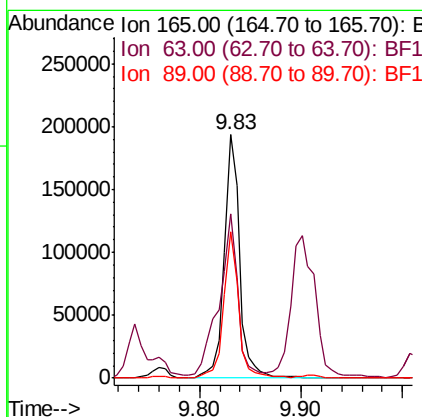
Manual Integrations
APPROVED

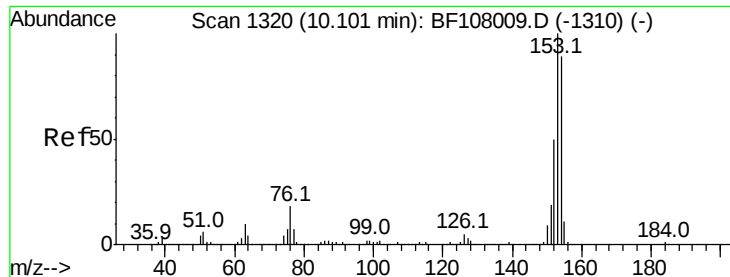
Sohil
8/30/2018 12:18:28 PM



#50
2,6-Dinitrotoluene
Concen: 55.183 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.5	44.7	67.1#	
89	60.0	44.0	66.0	





#51

Acenaphthene

Concen: 49.445 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

PB112433BS

Tot Ion:154 Resp: 713699

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

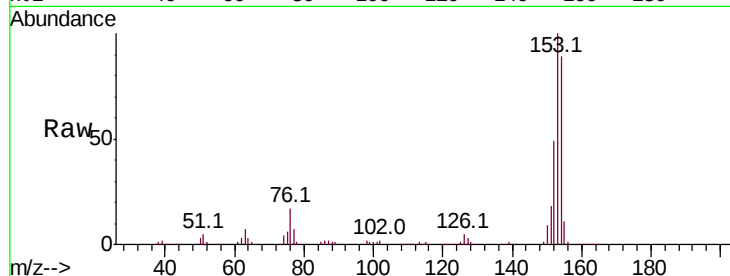
152 54.8 43.8 65.8

Manual Integrations

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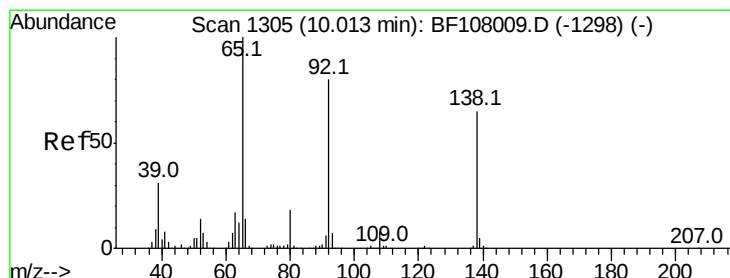
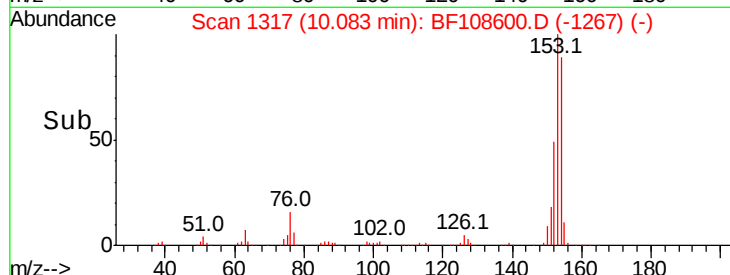
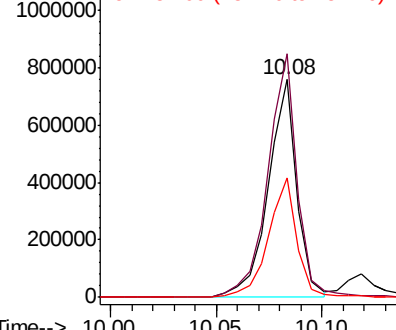
8/30/2018 12:18:28 PM



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: 26.967 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

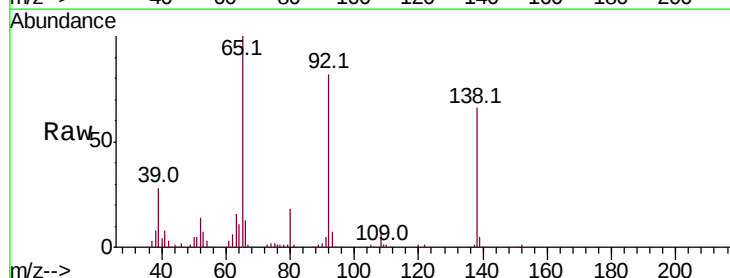
Tgt Ion:138 Resp: 109997

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

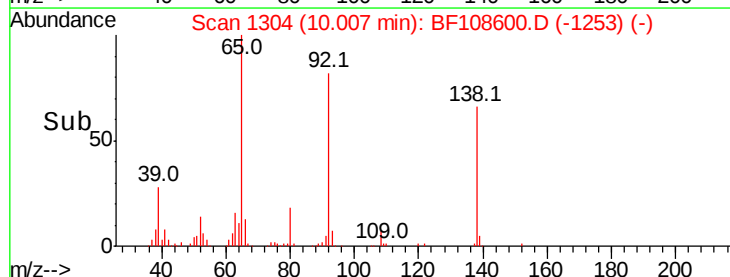
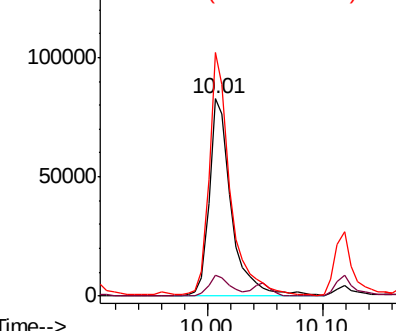
92 123.5 89.4 134.2

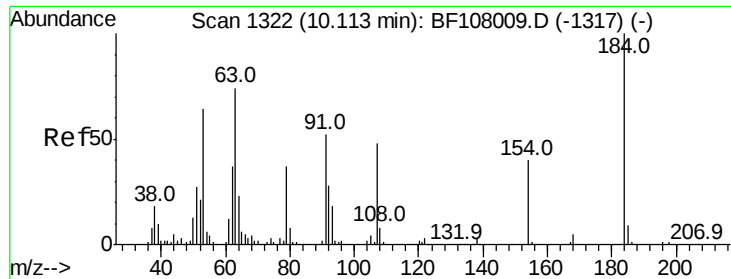


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





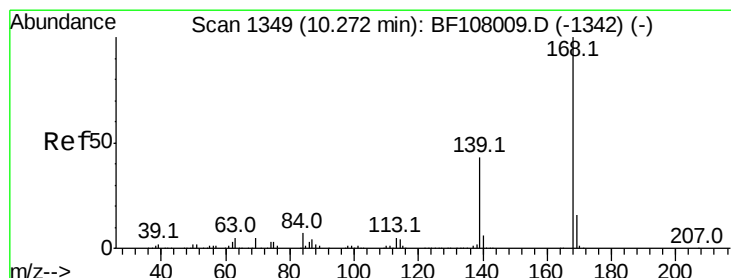
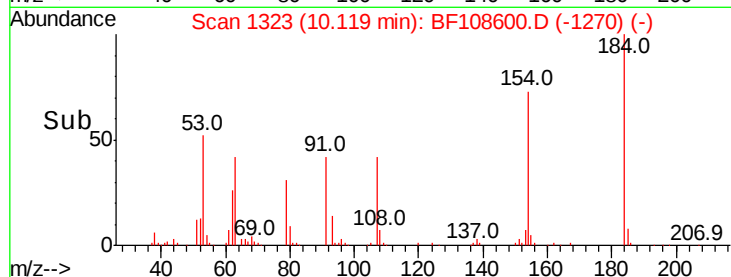
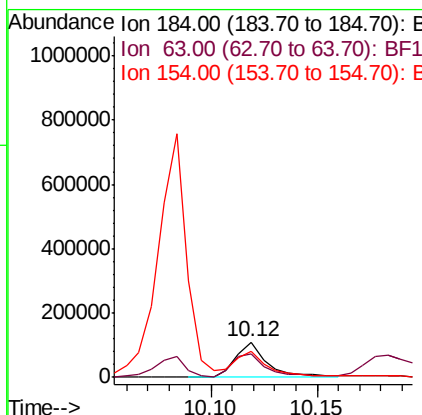
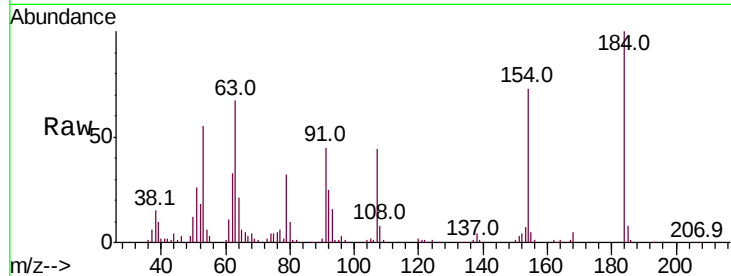
#53
2,4-Dinitrophenol
Concen: 82.561 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampled :
PB112433BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.5	54.2	81.2
154	72.9	184.0	276.0#

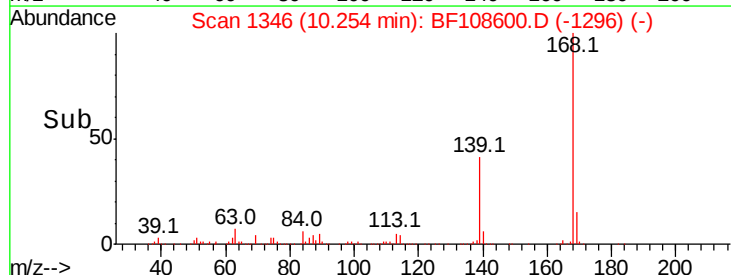
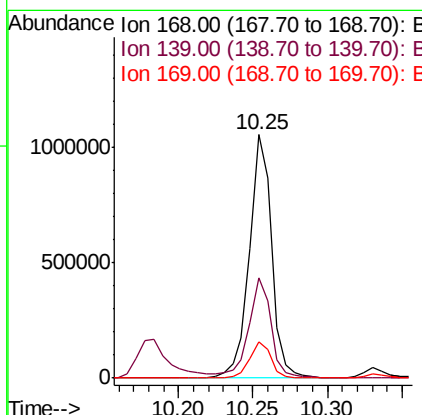
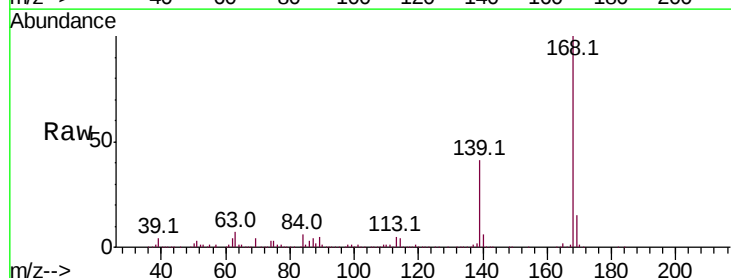
Manual Integrations
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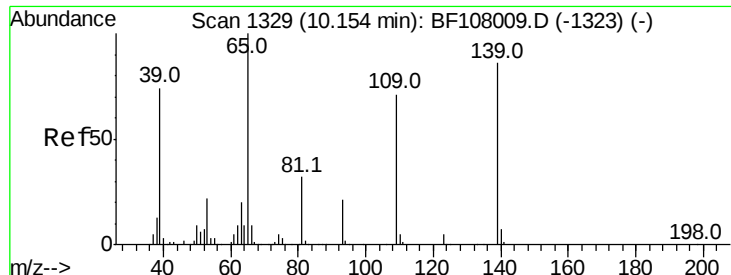
Sohil
8/30/2018 12:18:28 PM



#54
Dibenzofuran
Concen: 52.062 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.1	45.1
169	14.7	10.9	16.3





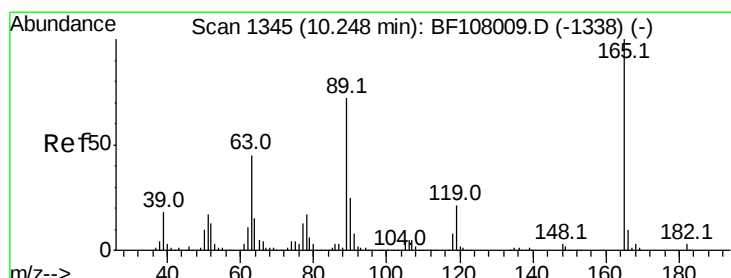
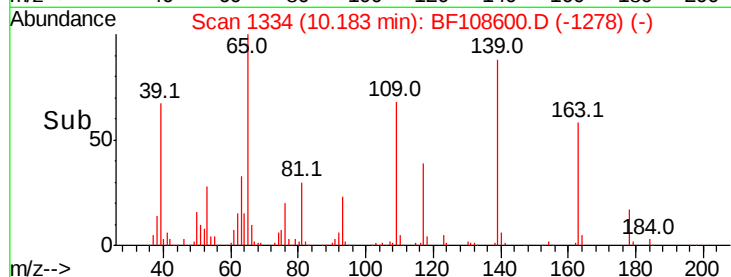
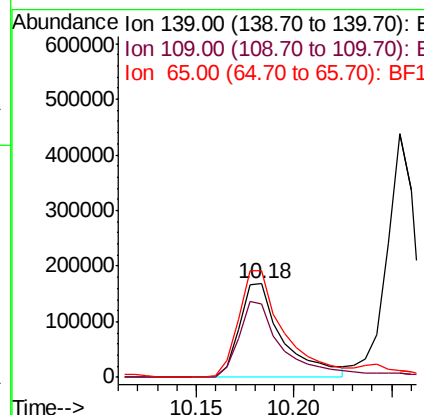
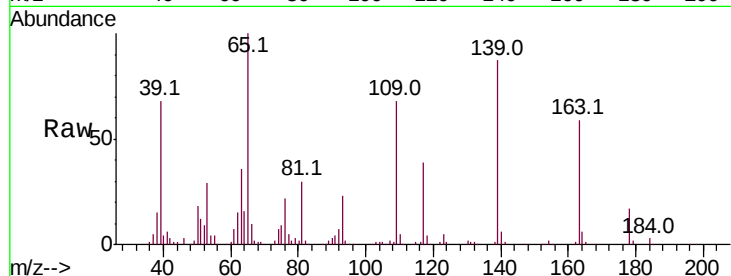
#55
4-Nitrophenol
Concen: 83.712 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion:139 Resp: 258573
Ion Ratio Lower Upper
139 100
109 78.1 48.4 88.4
65 114.7 72.6 112.6#

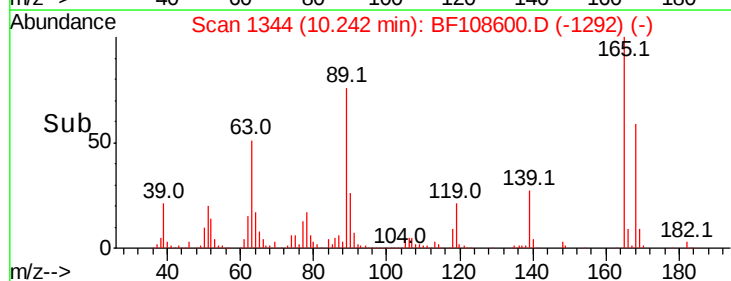
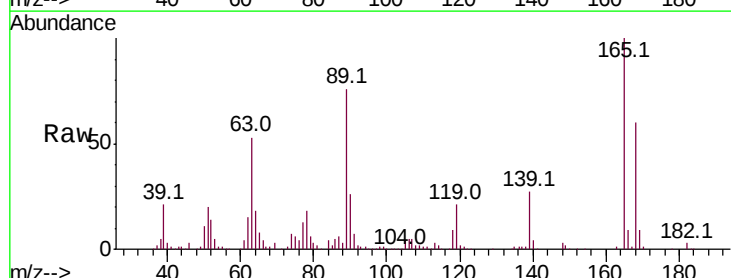
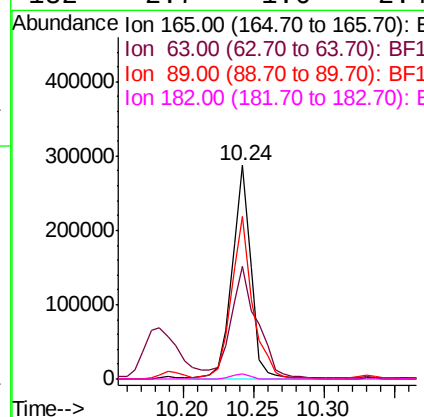
Manual Integrations
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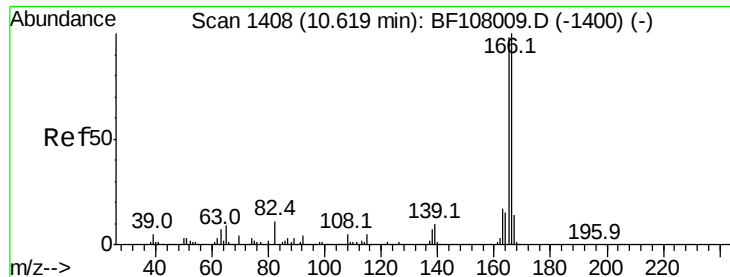
Sohil
8/30/2018 12:18:28 PM



#56
2,4-Dinitrotoluene
Concen: 55.282 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:165 Resp: 265284
Ion Ratio Lower Upper
165 100
63 52.6 36.4 54.6
89 76.4 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 53.492 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

PB112433BS

Tot Ion:166 Resp: 885532

Ion Ratio Lower Upper

166 100

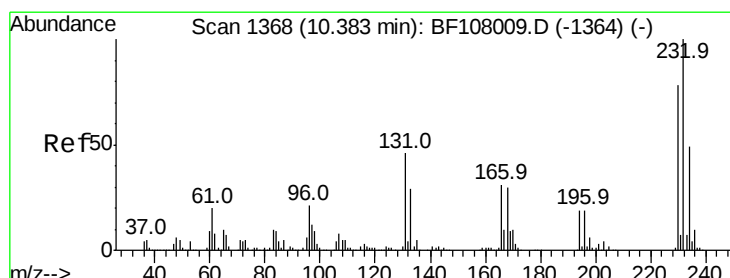
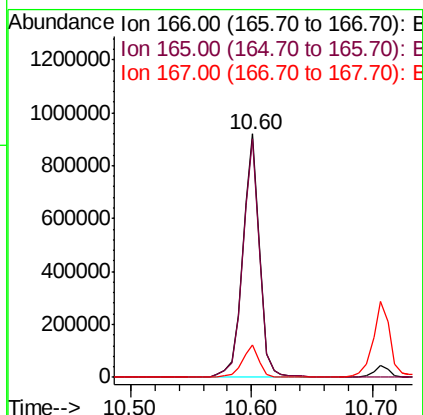
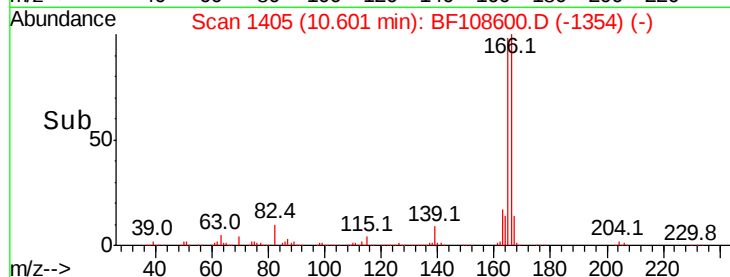
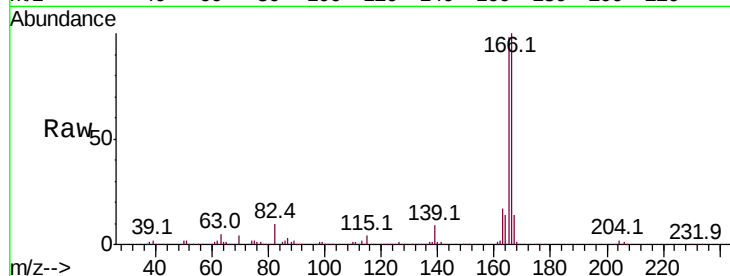
165 97.9 79.8 119.8

167 13.6 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.255 ng

RT: 10.38 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:232 Resp: 256803

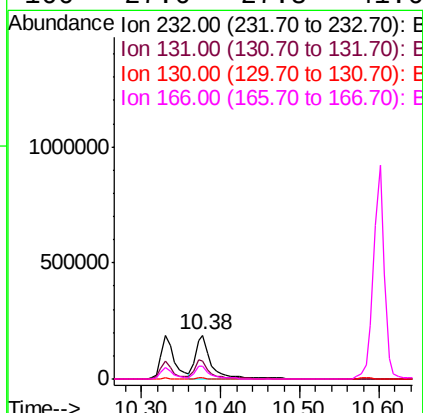
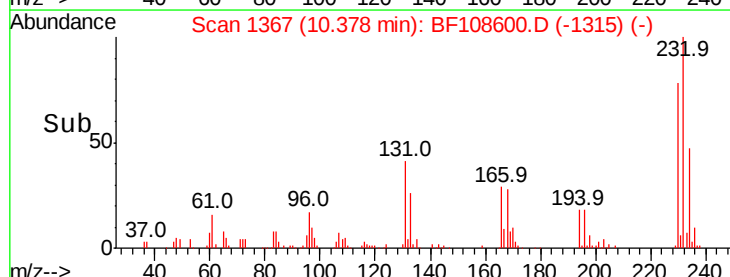
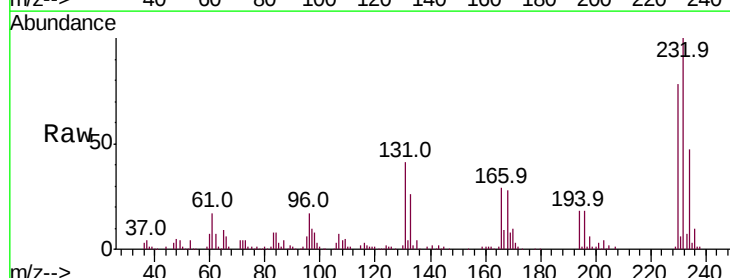
Ion Ratio Lower Upper

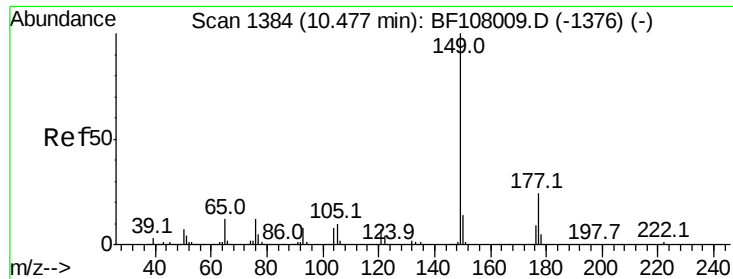
232 100

131 40.1 43.8 65.8#

130 2.1 2.1 3.1

166 27.6 27.8 41.6#





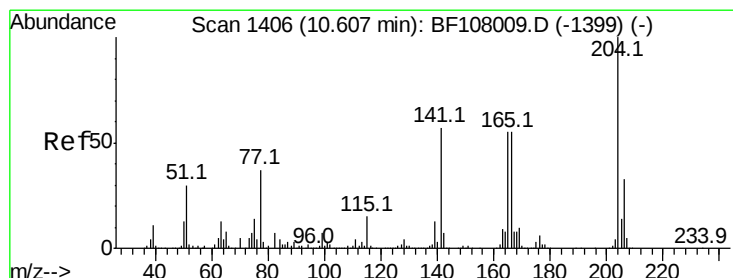
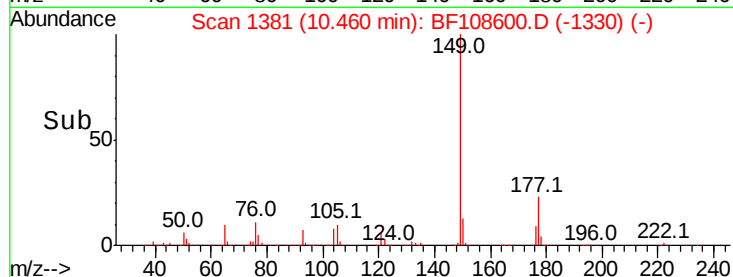
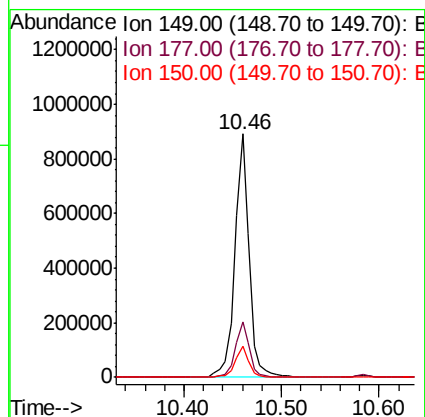
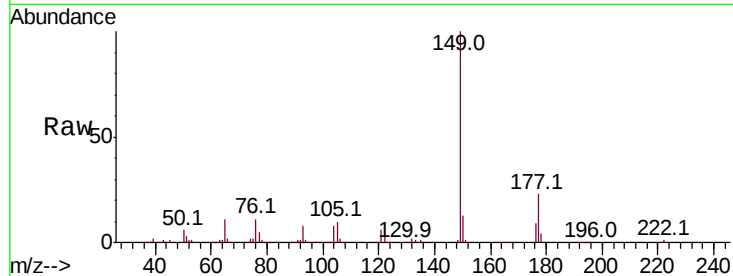
#59
Diethylphthalate
Concen: 52.221 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion:	149	Resp:	901060
Ion Ratio	Lower	Upper	
149	100		
177	22.8	16.1	24.1
150	12.9	10.1	15.1

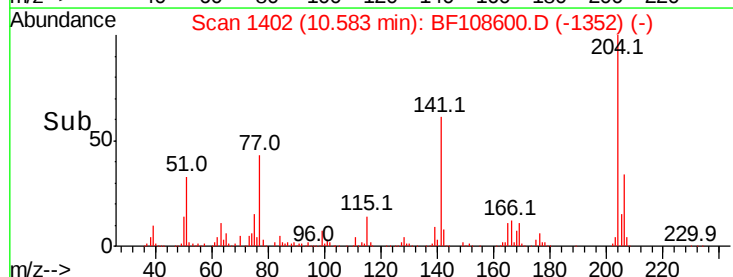
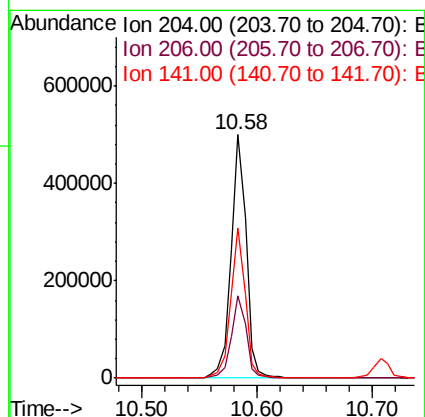
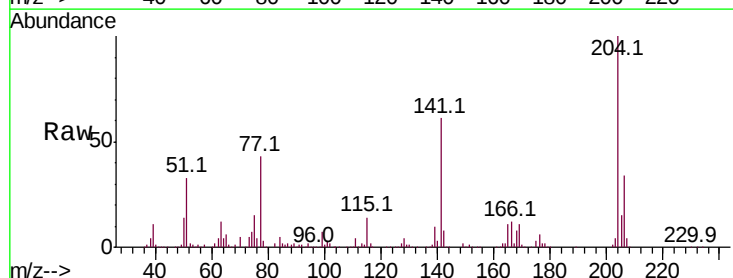
Manual Integrations
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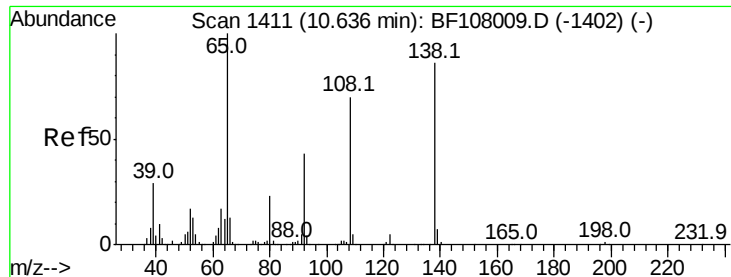
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 52.630 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion:	204	Resp:	453987
Ion Ratio	Lower	Upper	
204	100		
206	33.8	26.5	39.7
141	61.4	54.6	81.8





#61

4-Nitroaniline

Concen: 46.172 ng

RT: 10.64 min Scan# 1411

Delta R.T. 0.02 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

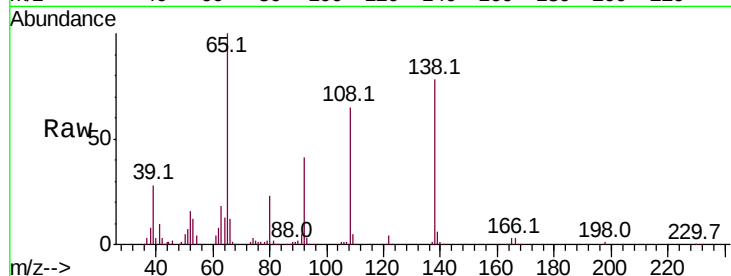
ClientSampleId :

PB112433BS

Tot Ion:	138	Resp:	186201
Ion Ratio	Lower	Upper	
138	100		
92	52.9	30.2	70.2
108	83.4	52.5	92.5

Manual Integrations
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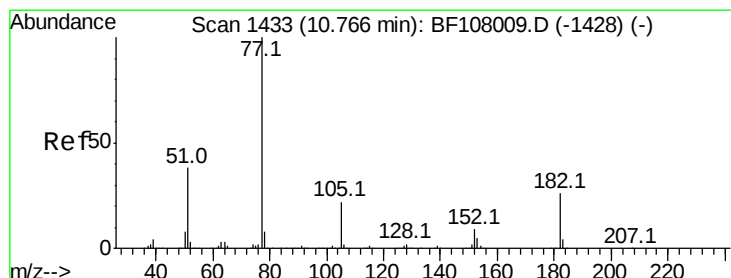
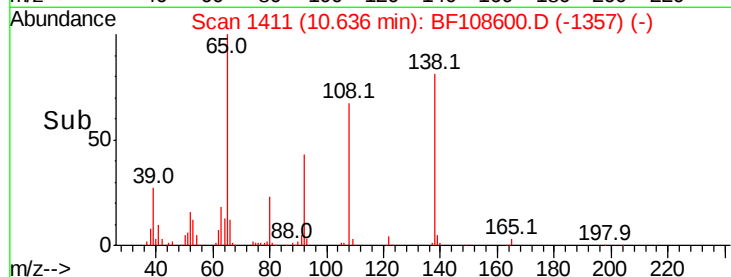
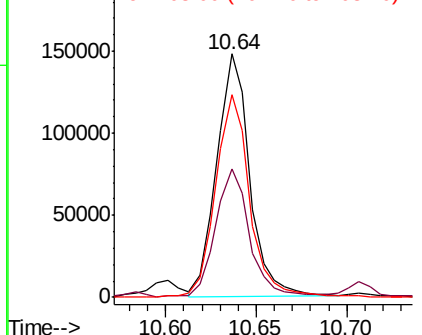
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.802 ng

RT: 10.75 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

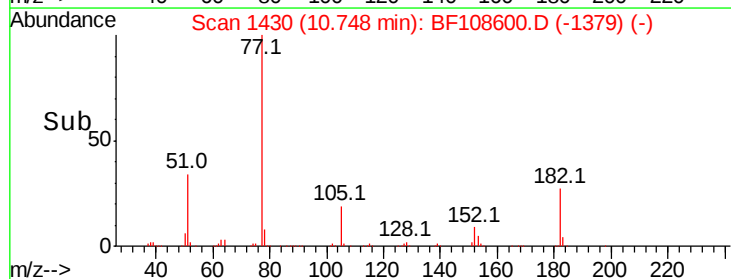
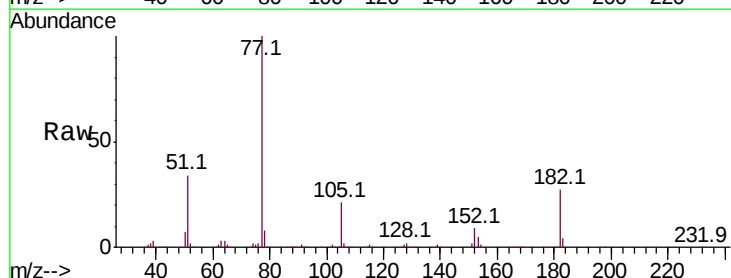
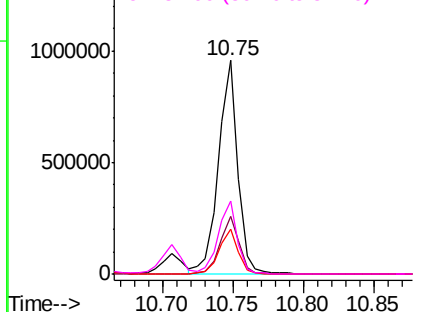
Tgt Ion:	77	Resp:	905270
Ion Ratio	Lower	Upper	
77	100		
182	26.9	1.7	41.7
105	21.1	3.0	43.0
51	34.0	9.9	49.9

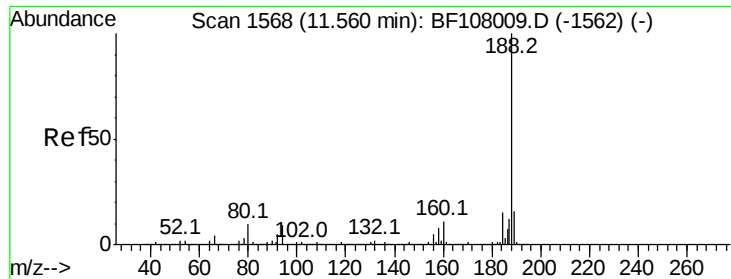
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





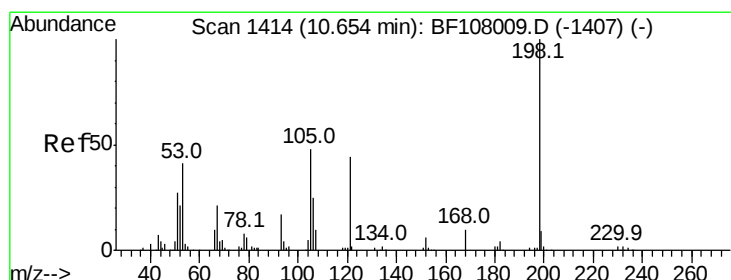
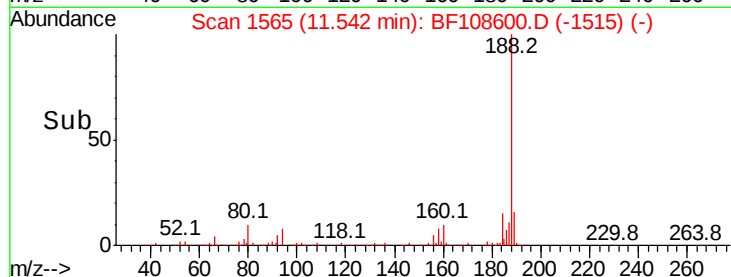
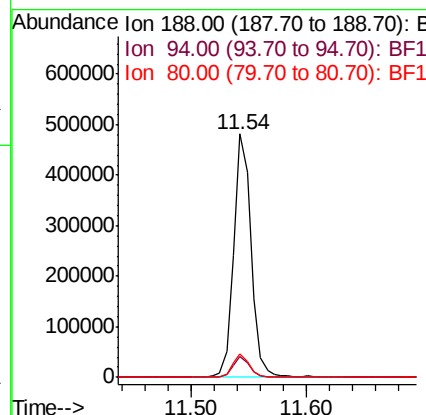
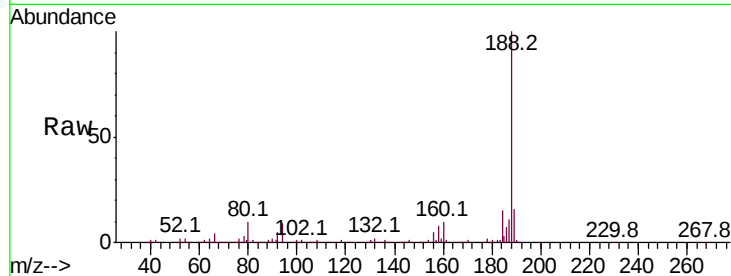
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	500042		
94	8.5		8.5	12.7
80	9.5		9.2	13.8

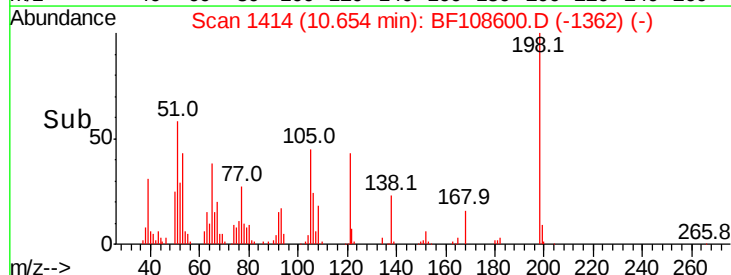
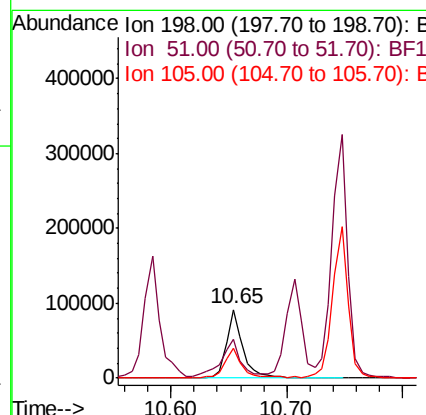
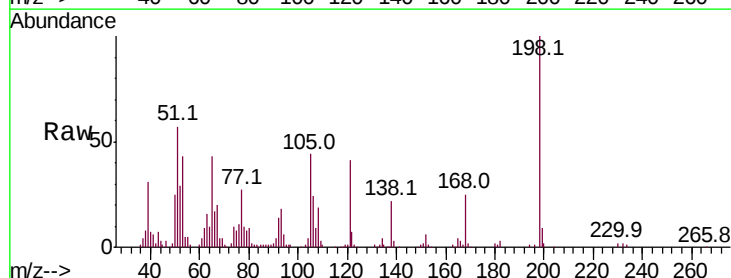
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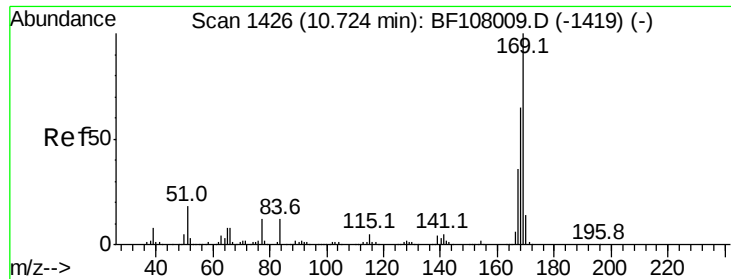
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.518 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91207		
51	56.9		37.7	77.7
105	43.8		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 53.342 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

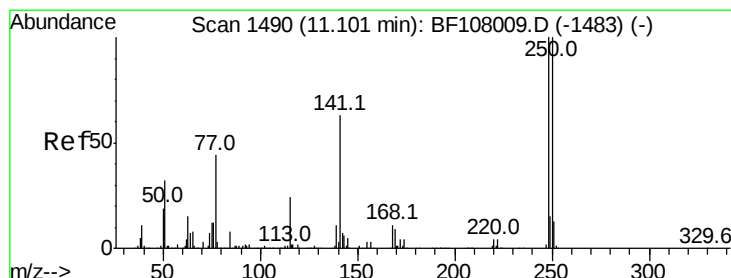
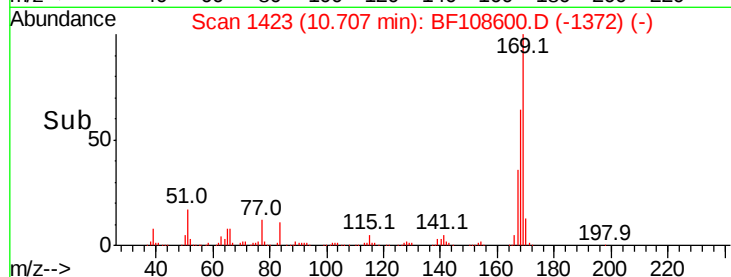
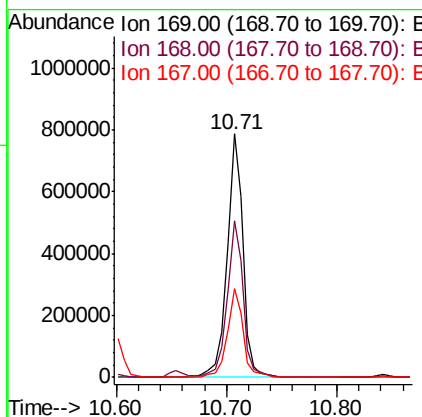
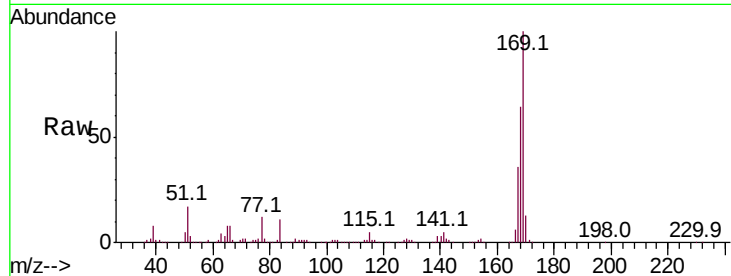
ClientSampled :

PB112433BS

Tot Ion:	169	Resp:	788212
Ion Ratio	Lower	Upper	
169	100		
168	64.4	54.4	81.6
167	36.4	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 54.329 ng

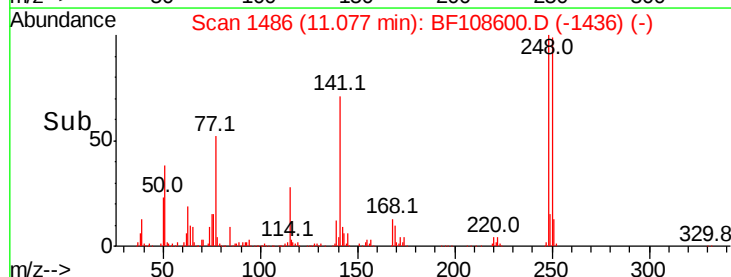
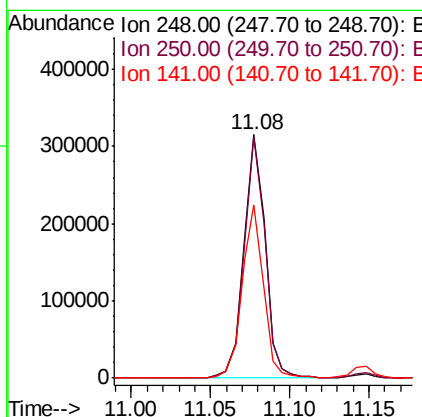
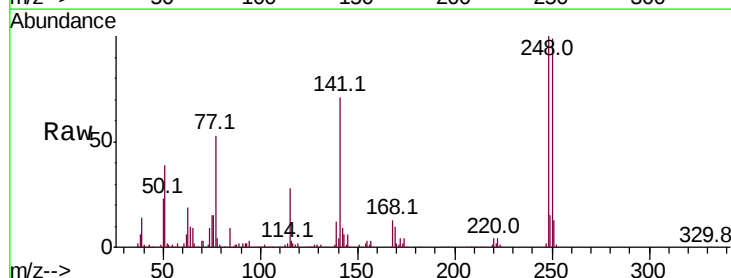
RT: 11.08 min Scan# 1486

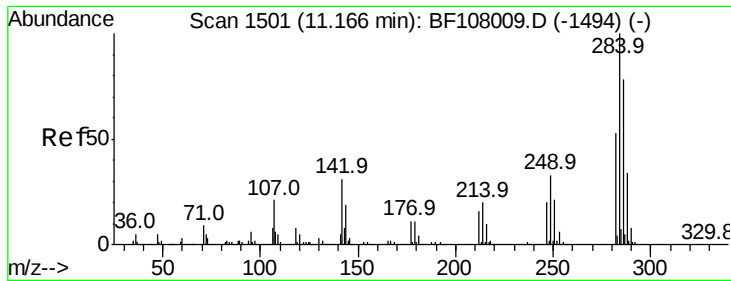
Delta R.T. -0.01 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion:	248	Resp:	295231
Ion Ratio	Lower	Upper	
248	100		
250	98.9	76.9	115.3
141	71.3	74.4	111.6#





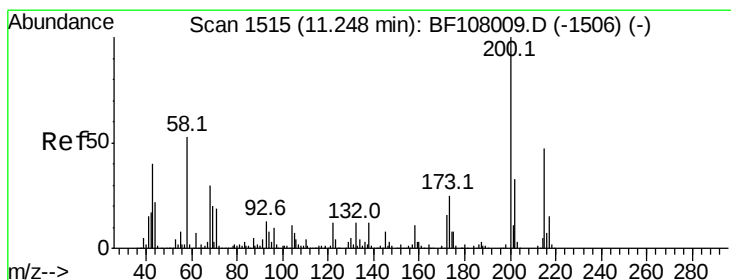
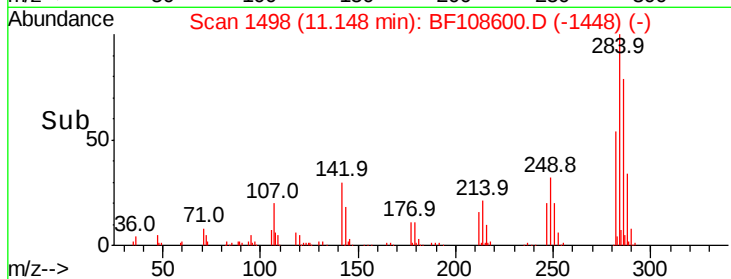
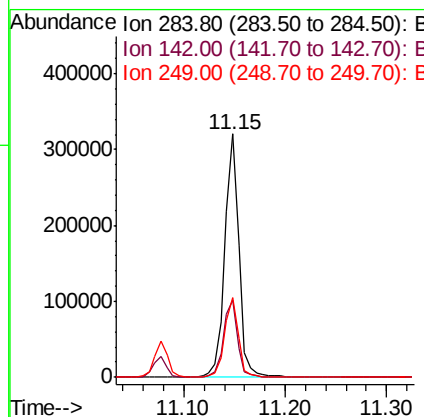
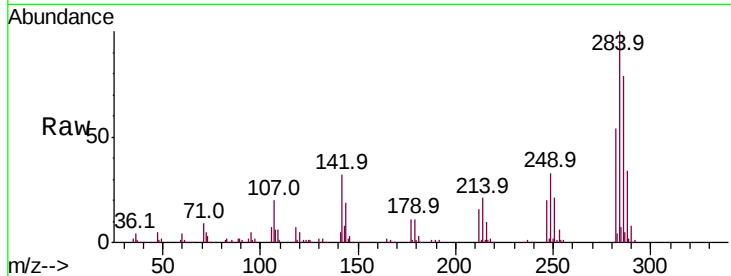
#67
Hexachlorobenzene
Concen: 54.074 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.5	34.6	52.0	
249	32.8	24.8	37.2	

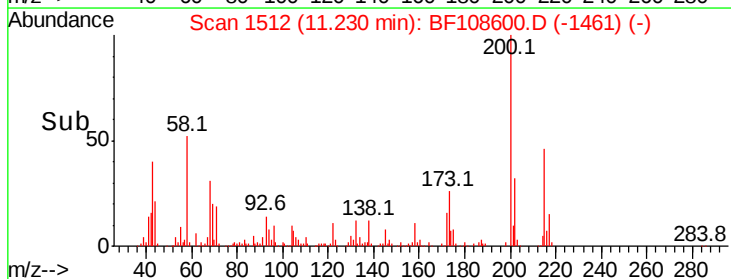
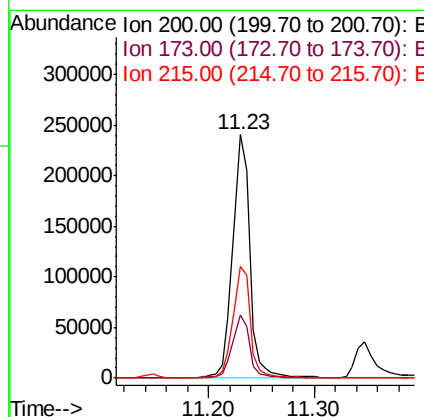
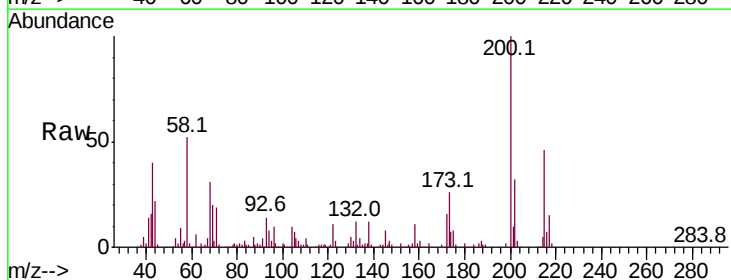
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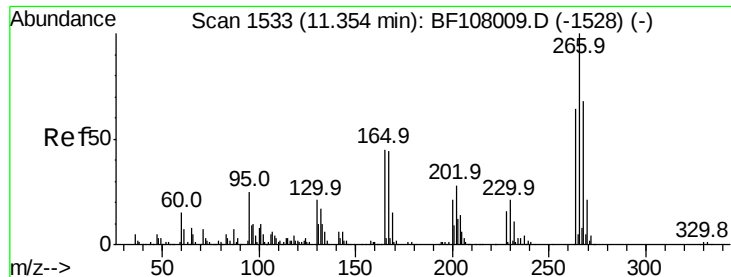
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#68
Atrazine
Concen: 54.663 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.8	8.6	48.6	
215	45.9	25.1	65.1	





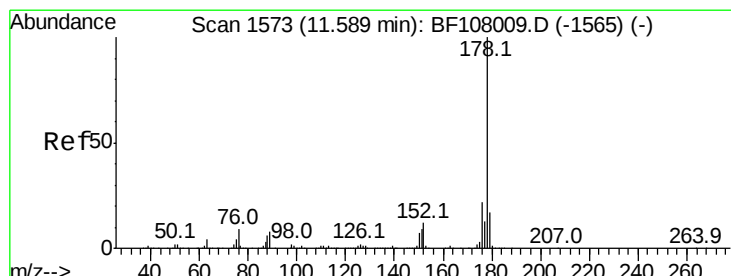
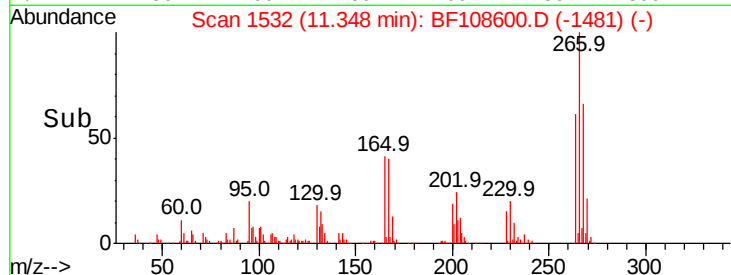
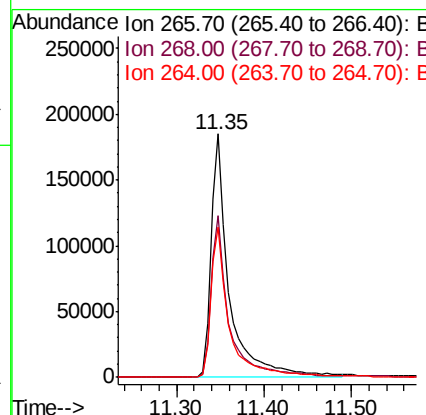
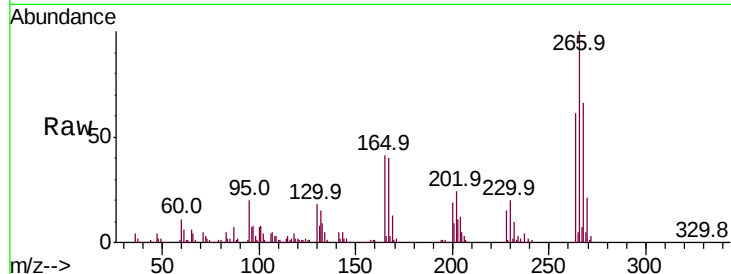
#69
 Pentachlorophenol
 Concen: 97.488 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	266792		
268	66.3	51.1	76.7	
264	61.4	49.5	74.3	

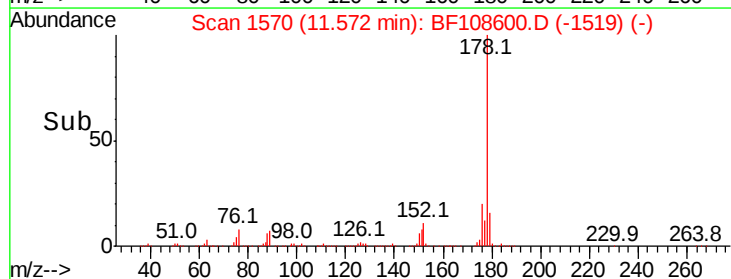
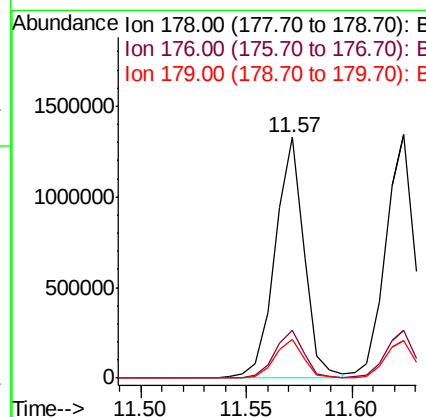
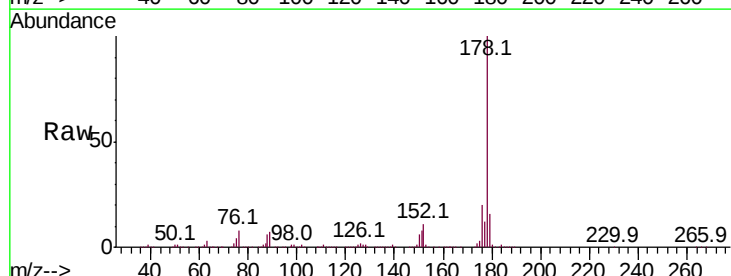
Manual Integrations
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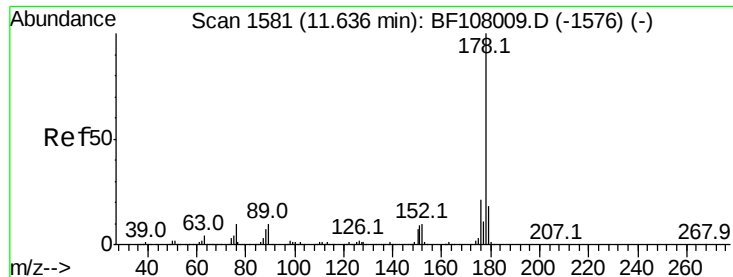
Sohil
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#70
 Phenanthrene
 Concen: 53.878 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1270735		
176	20.1	15.8	23.8	
179	16.0	13.0	19.6	





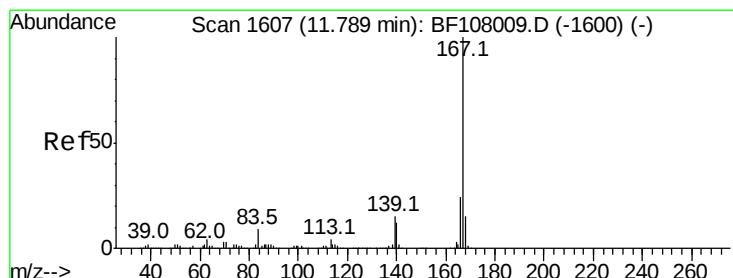
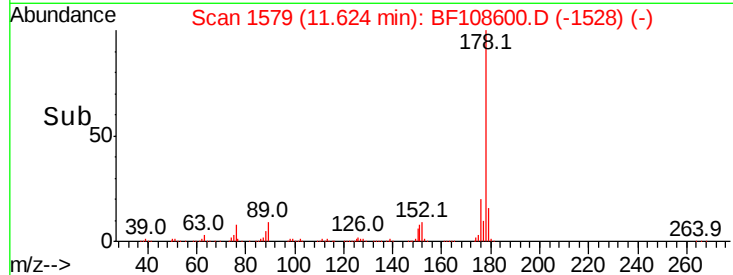
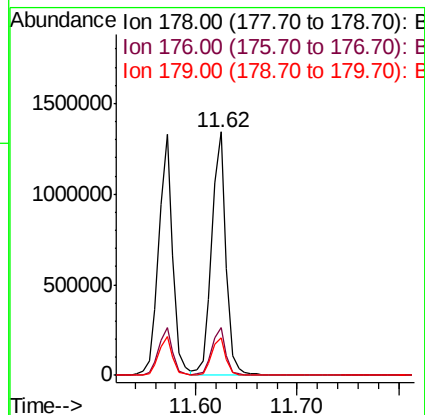
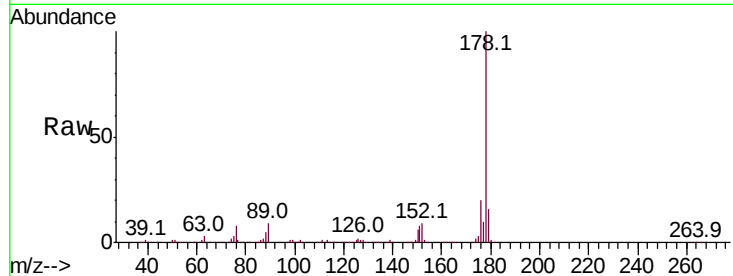
#71
 Anthracene
 Concen: 54.401 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.6	12.6	19.0

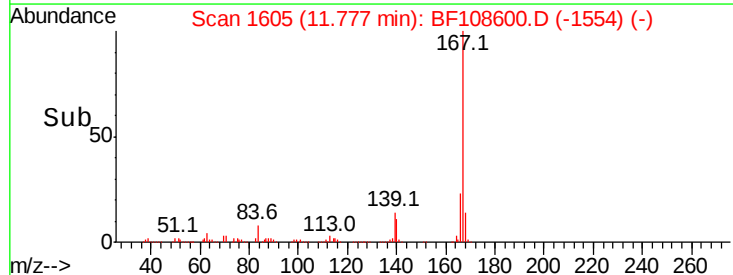
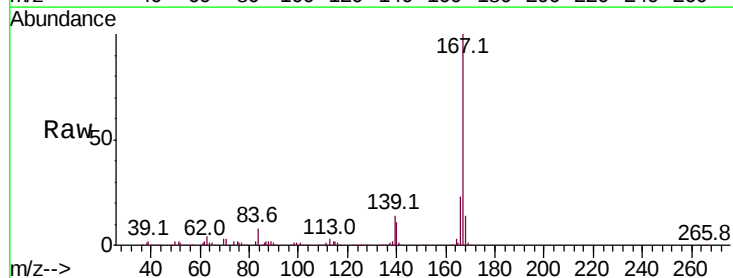
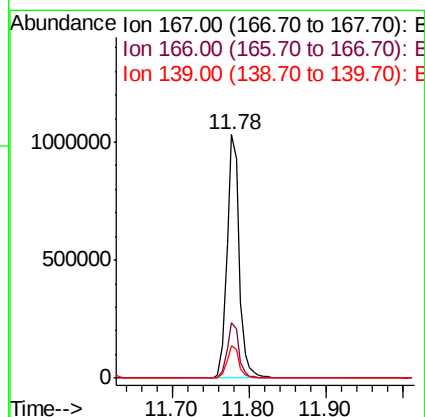
Manual Integrations
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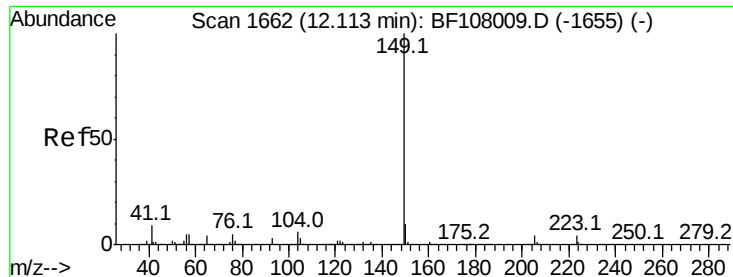
Sohil
 8/30/2018 12:18:28 PM



#72
 Carbazole
 Concen: 53.014 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.5	10.9	16.3





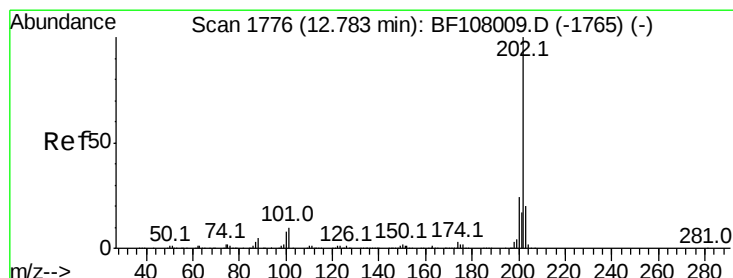
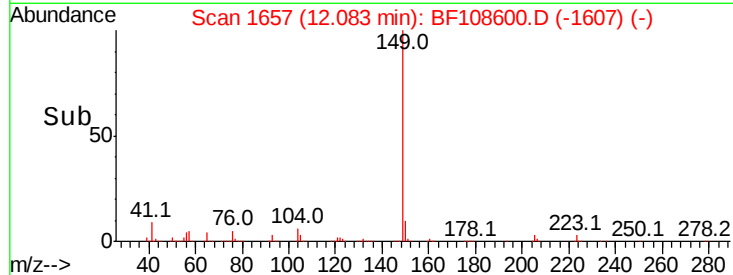
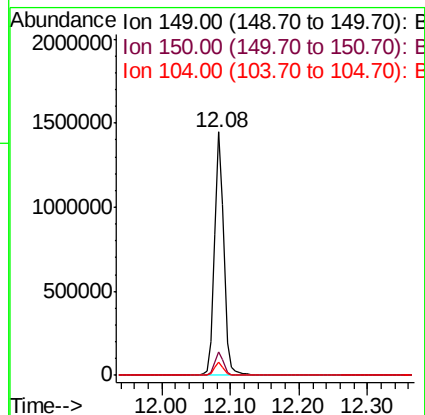
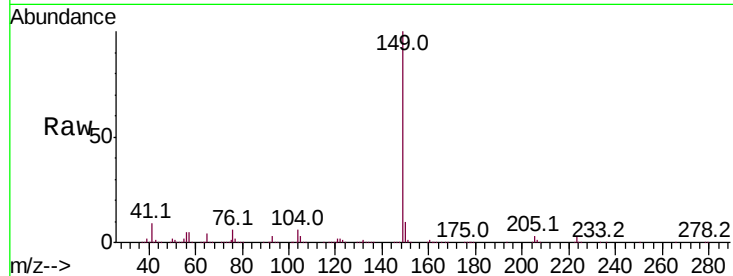
#73
Di-n-butylphthalate
Concen: 56.139 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.5	3.8	5.8

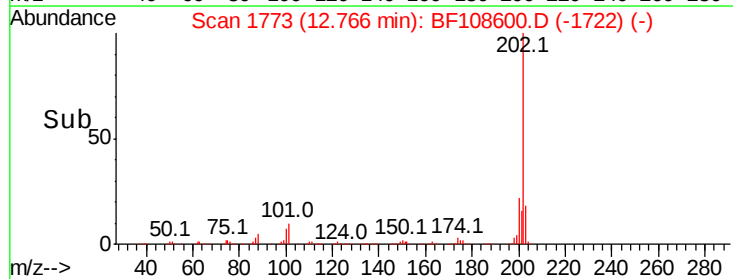
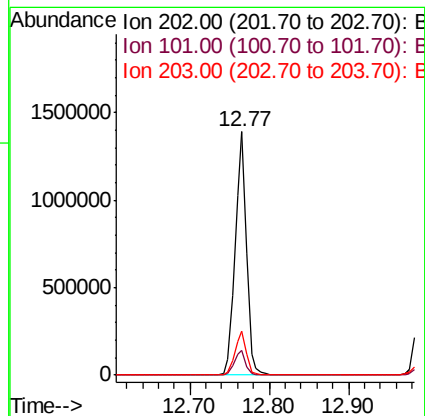
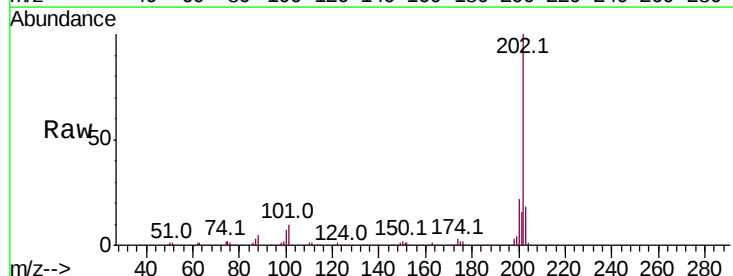
Manual Integrations
APPROVED

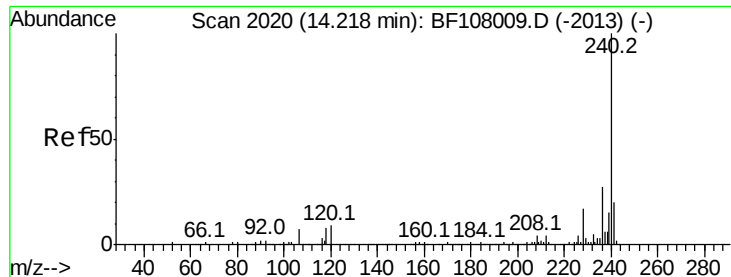
Sohil
8/30/2018 12:18:28 PM



#74
Fluoranthene
Concen: 53.266 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Instrument :

BNA_F

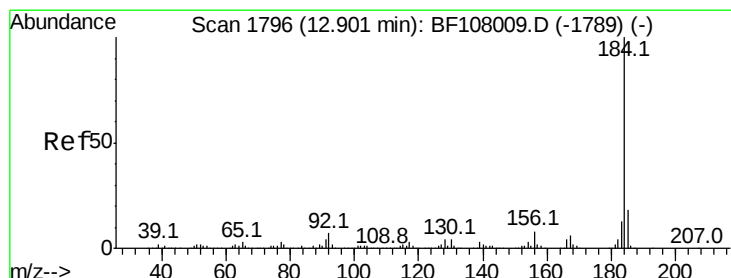
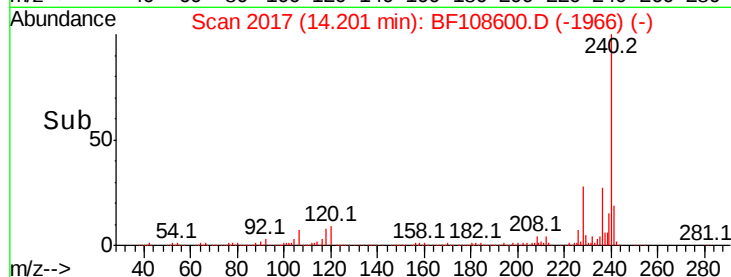
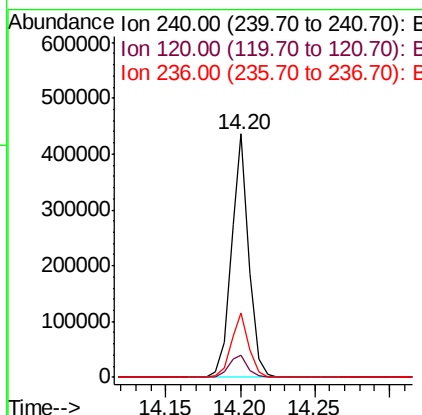
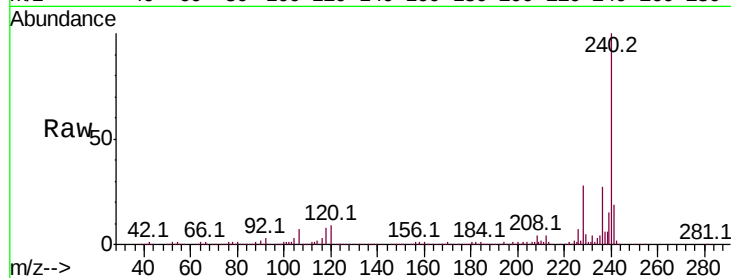
ClientSampleId :

PB112433BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.7	20.7	31.1

Manual Integrations
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Sohil
8/30/2018 12:18:28 PM



#76

Benzidine

Concen: 36.766 ng

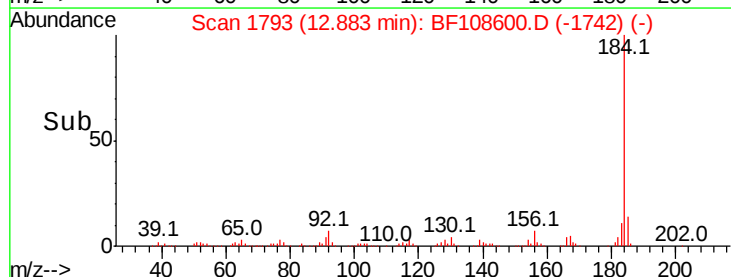
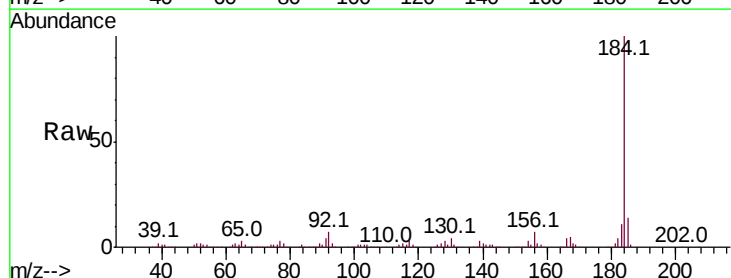
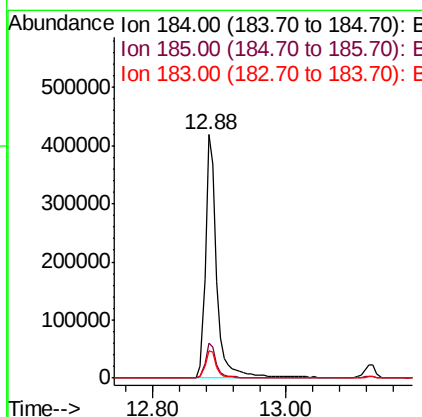
RT: 12.88 min Scan# 1793

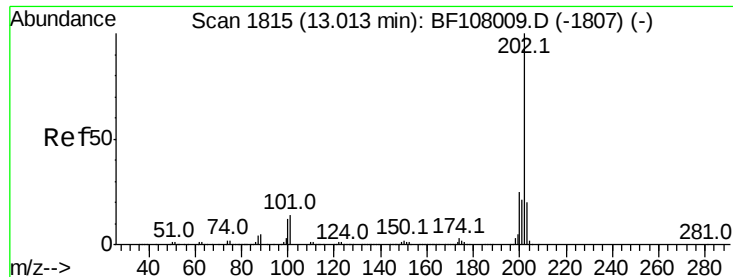
Delta R.T. -0.00 min

Lab File: BF108600.D

Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.4	9.3	13.9





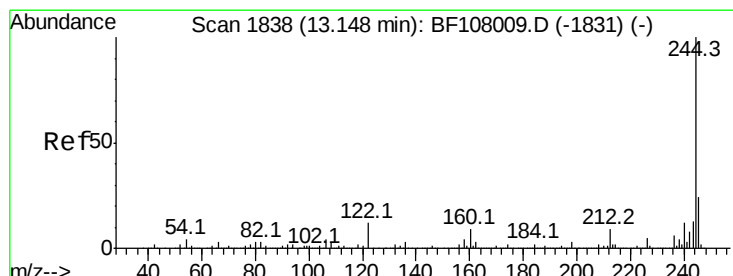
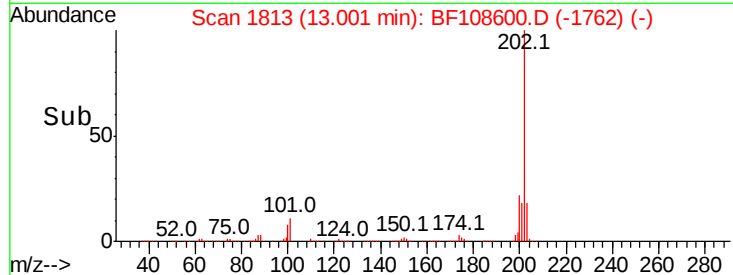
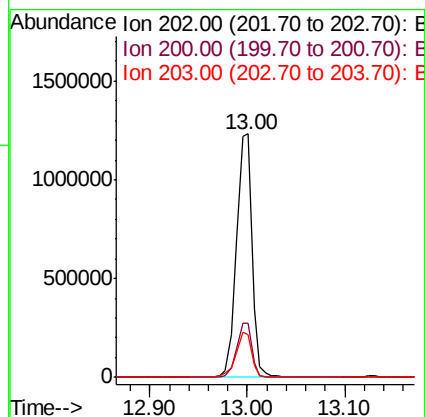
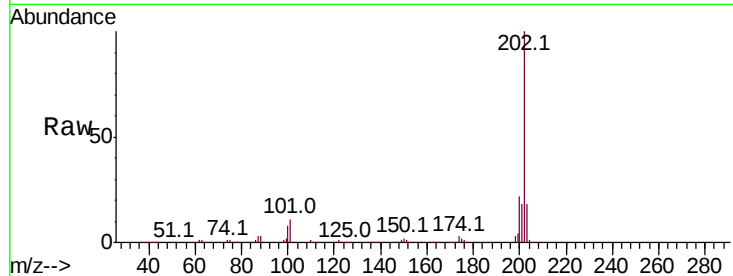
#77
Pvrene
Concen: 60.194 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.8	14.3	21.5

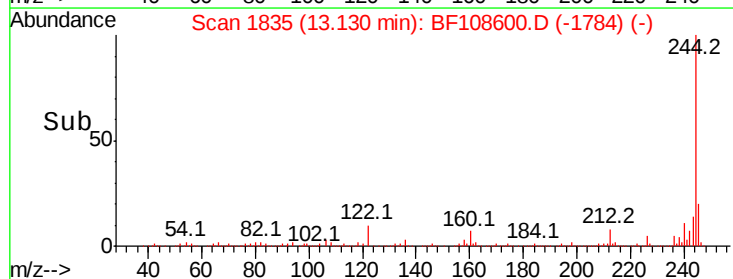
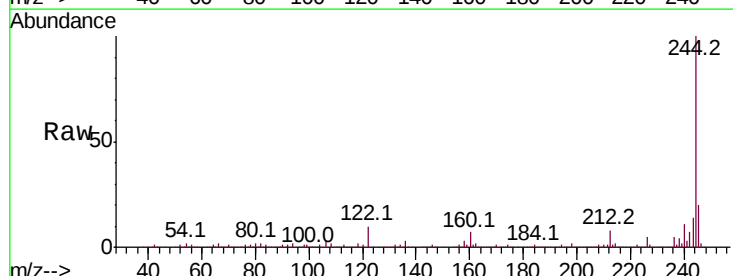
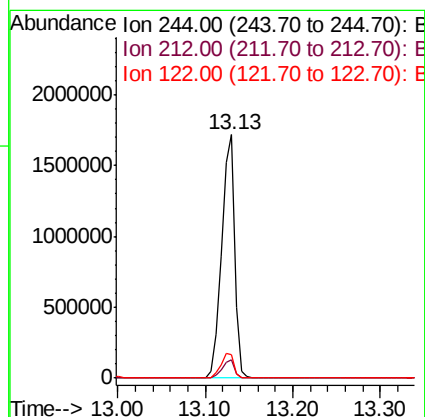
Manual Integrations
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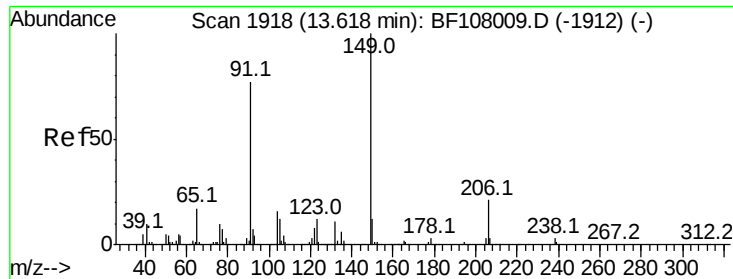
Sohil
8/30/2018 12:18:28 PM



#78
Terphenyl-d14
Concen: 126.707 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.5	11.0	16.4#





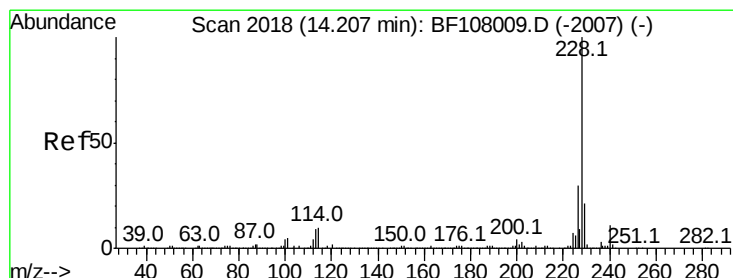
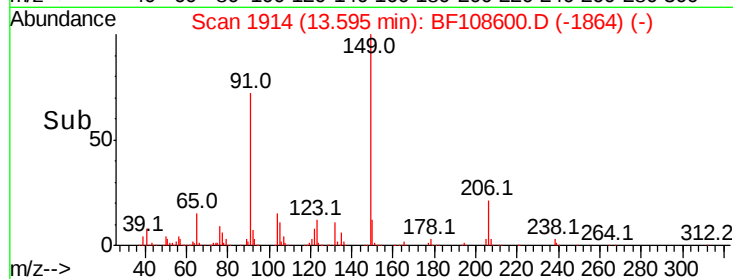
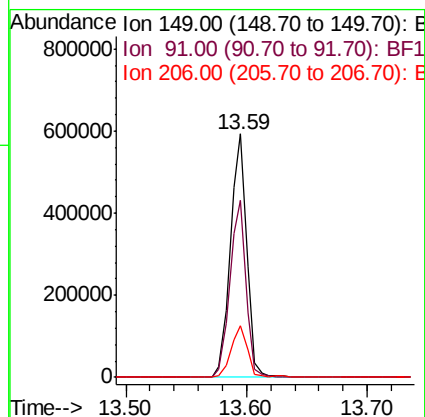
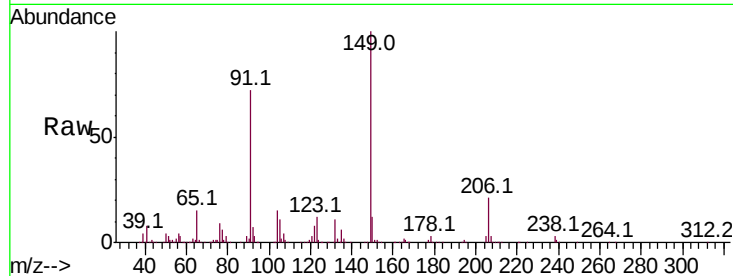
#79
Butylbenzylphthalate
Concen: 61.987 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.5	56.8	85.2	
206	21.5	14.1	21.1	

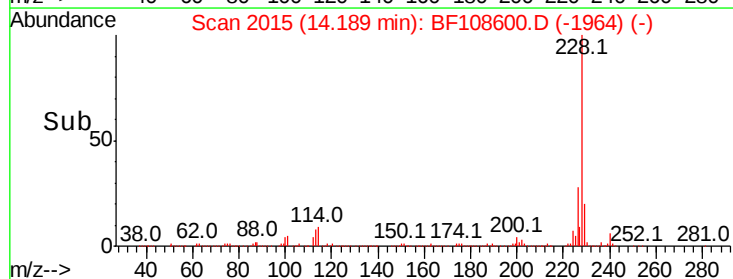
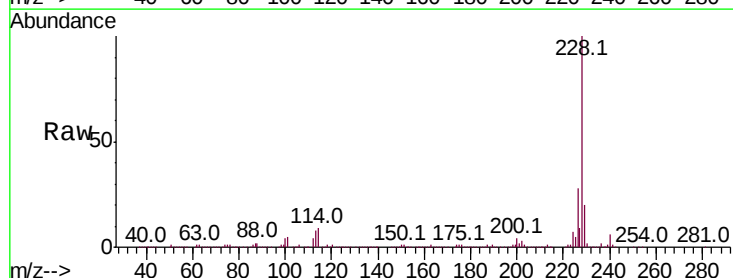
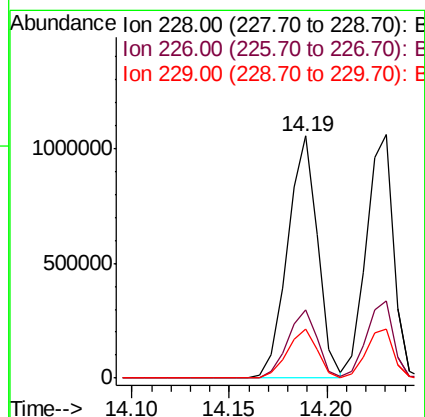
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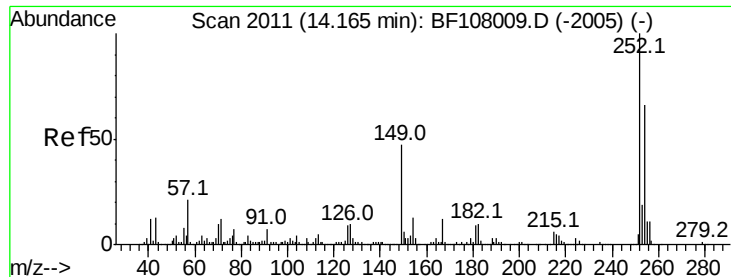
Sohil
8/30/2018 12:18:28 PM



#80
Benzo(a)anthracene
Concen: 54.406 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	22.6	33.8	
229	20.4	15.8	23.6	





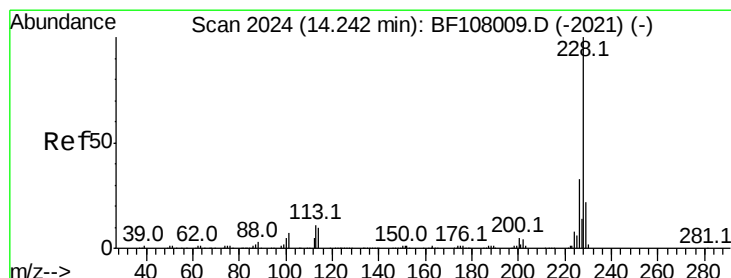
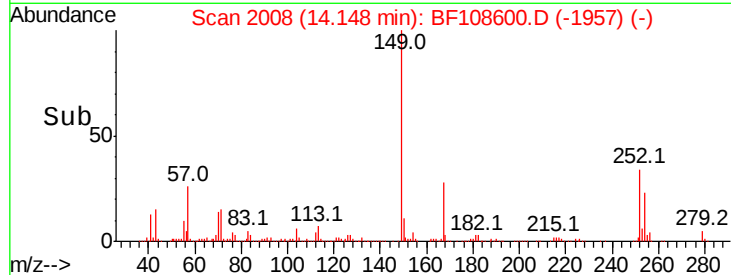
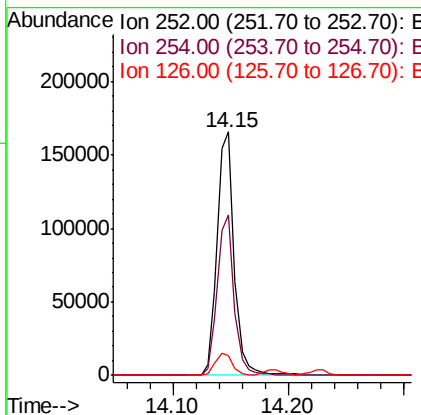
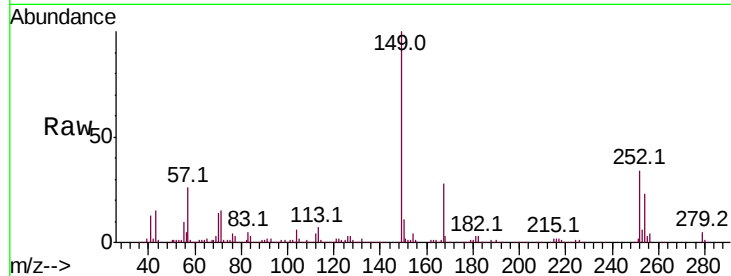
#81
 3,3'-Dichlorobenzidine
 Concen: 23.266 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion:	252	Resp:	171022
Ion Ratio	Lower	Upper	
252	100		
254	65.9	50.4	75.6
126	8.2	11.3	16.9

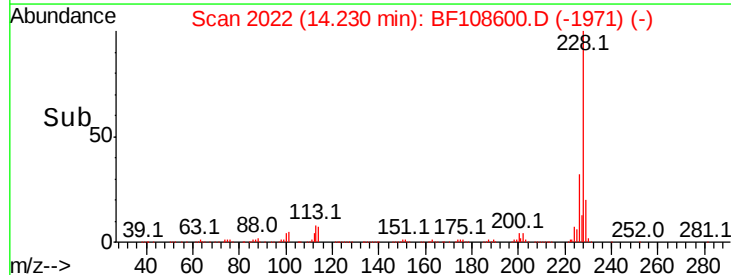
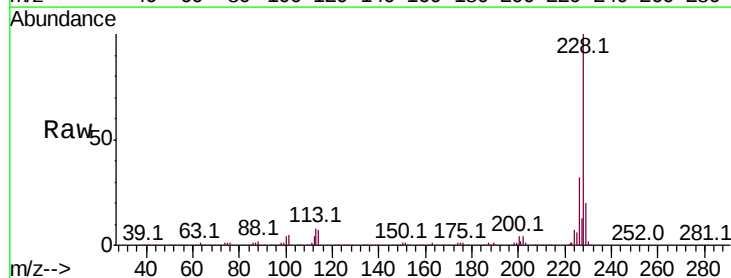
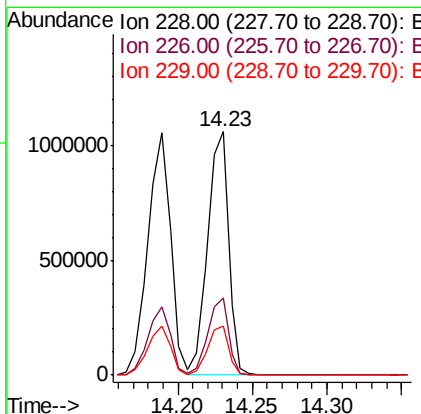
Manual Integrations
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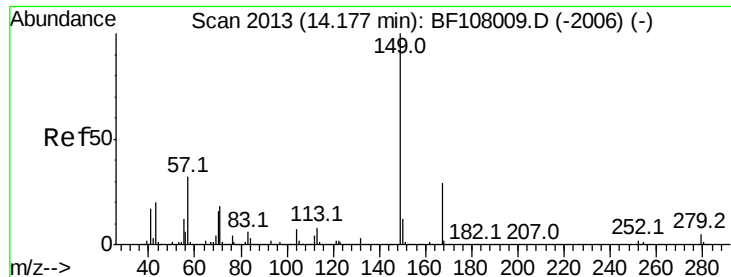
Sohil
 8/30/2018 12:18:28 PM



#82
 Chrysene
 Concen: 54.903 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion:	228	Resp:	1032446
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	20.0	16.2	24.4





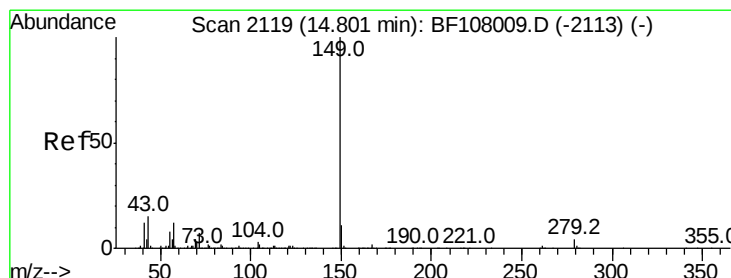
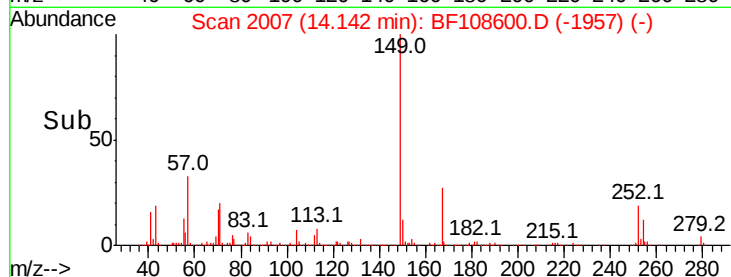
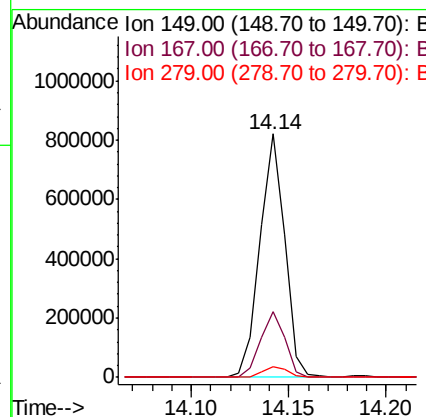
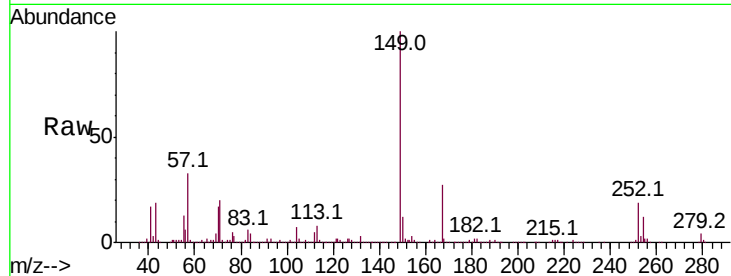
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.711 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	726535		
167	27.0		21.3	31.9
279	4.4		3.0	4.4

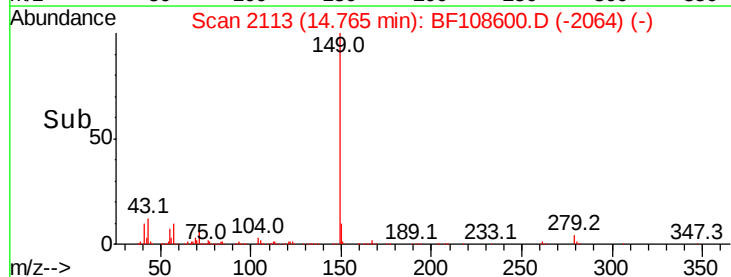
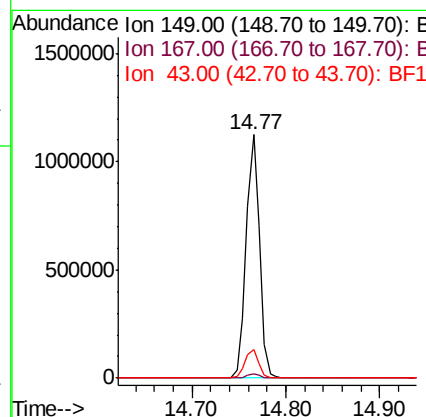
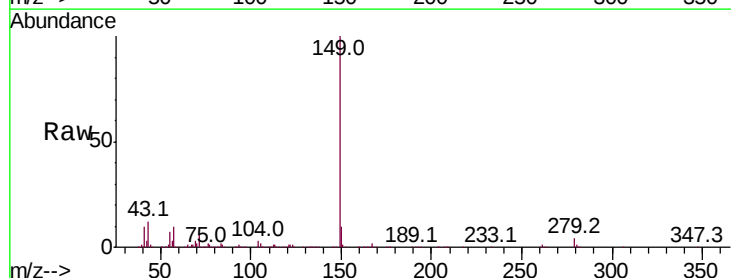
Manual Integrations
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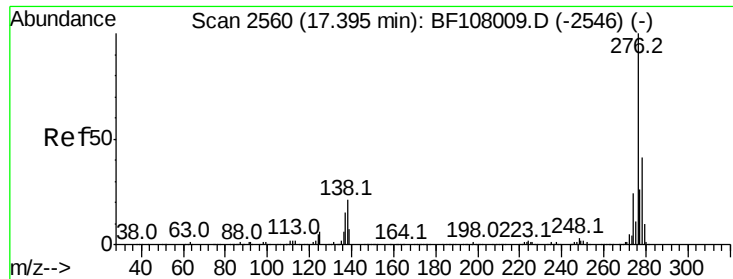
Sohil
 8/30/2018 12:18:28 PM



#84
 Di-n-octyl phthalate
 Concen: 59.746 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1108671		
167	1.6		1.2	1.8
43	11.8		8.4	12.6





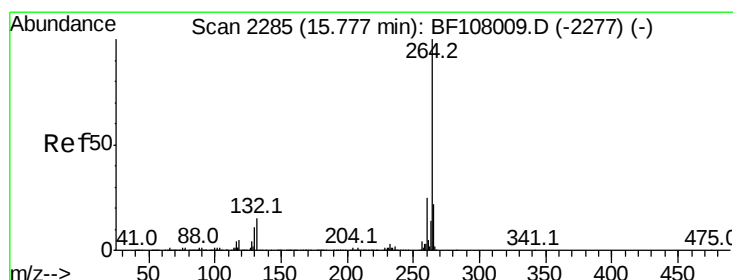
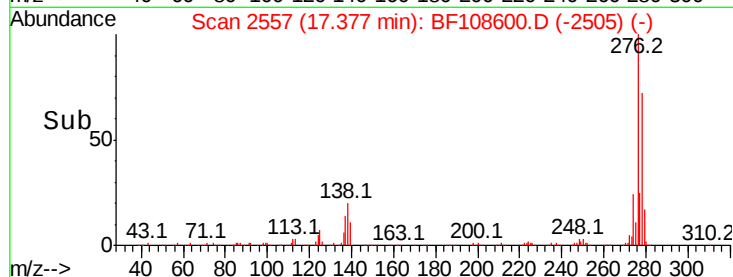
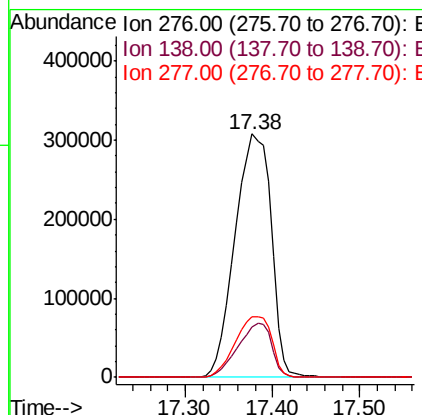
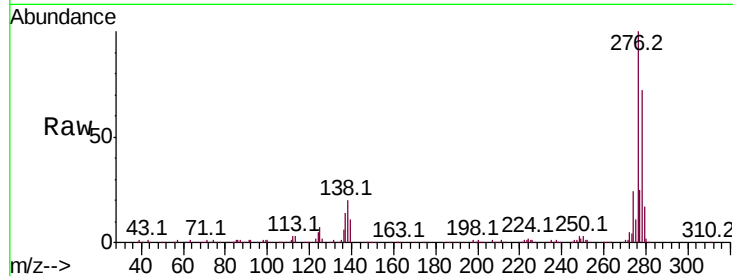
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.083 ng
RT: 17.38 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	25.3	20.1	30.1

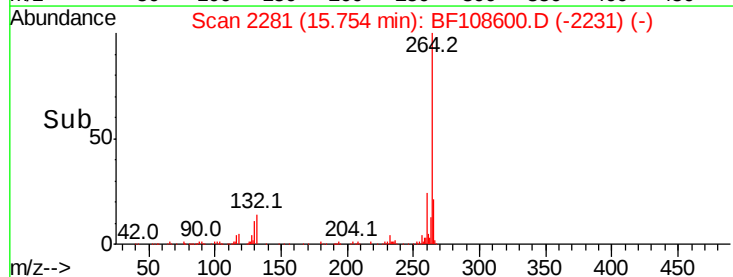
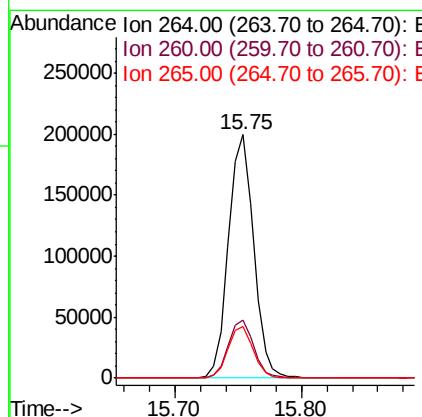
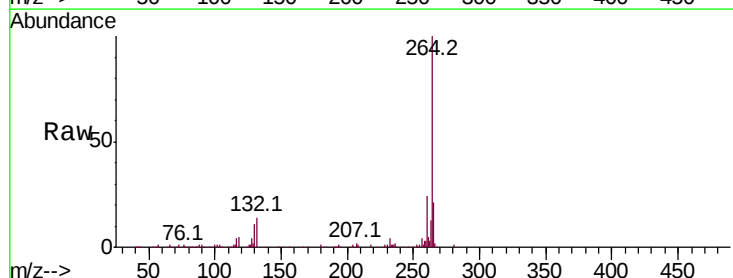
Manual Integrations
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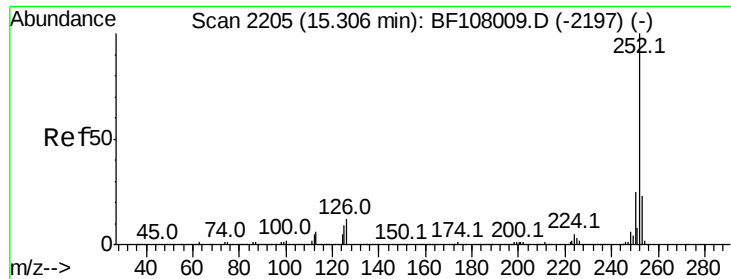
Sohil
8/30/2018 12:18:28 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3





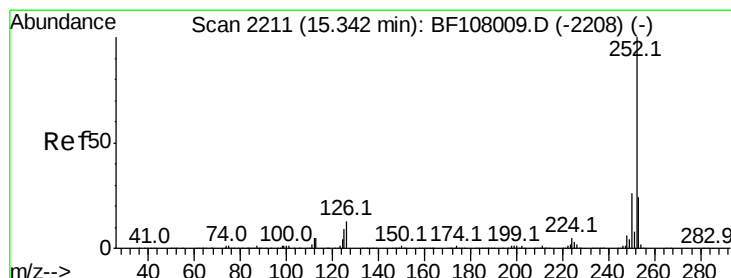
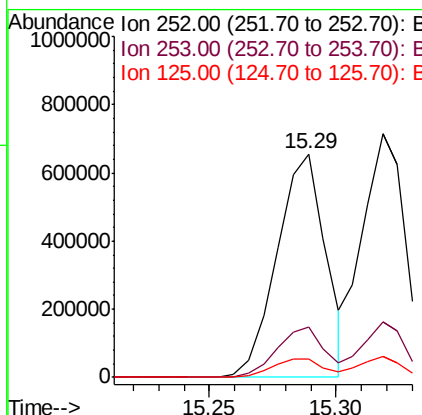
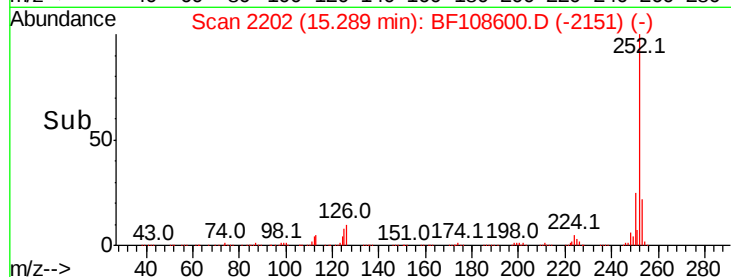
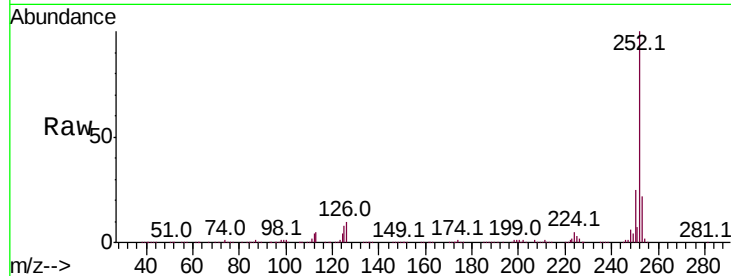
#87
Benzo(b)fluoranthene
Concen: 53.075 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.4	9.0	13.6

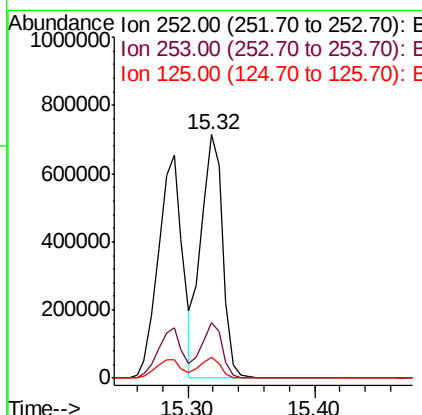
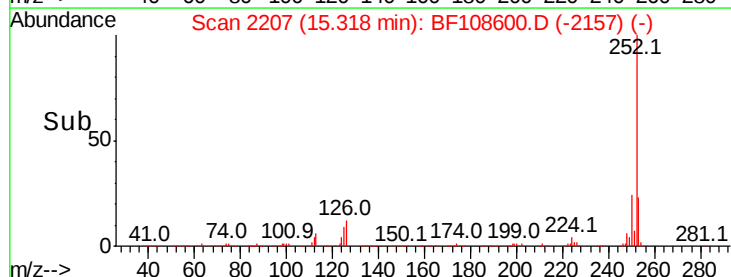
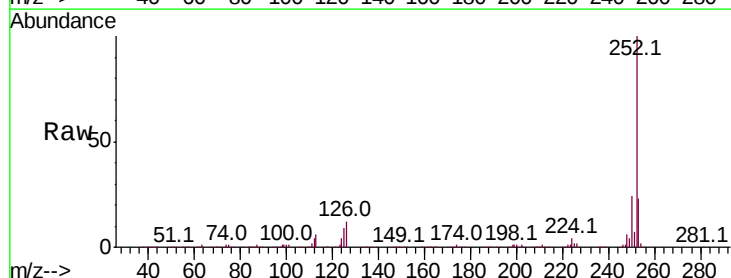
Manual Integrations
APPROVED

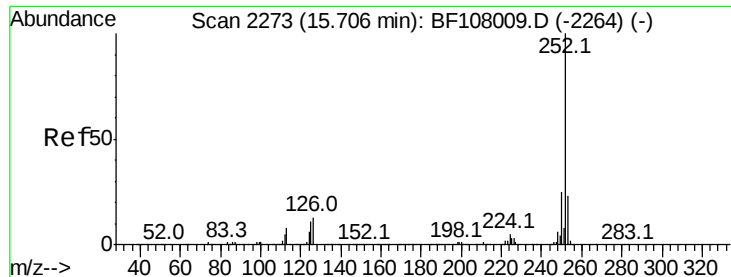
Sohil
8/30/2018 12:18:28 PM



#88
Benzo(k)fluoranthene
Concen: 56.192 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.5	10.2	15.2





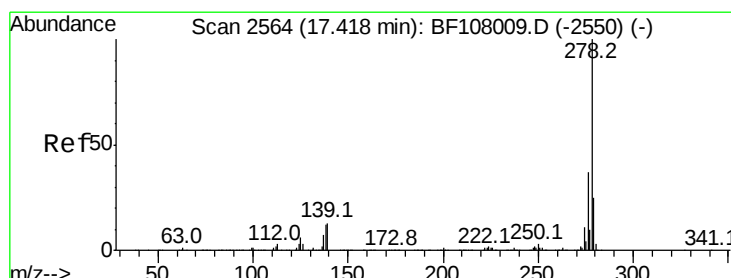
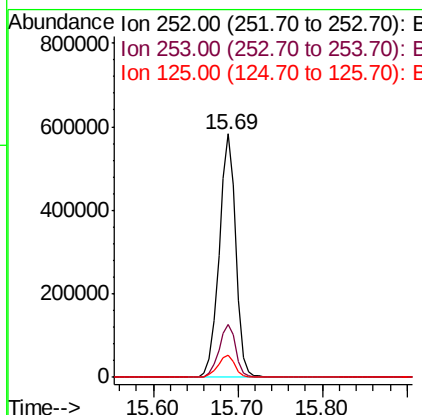
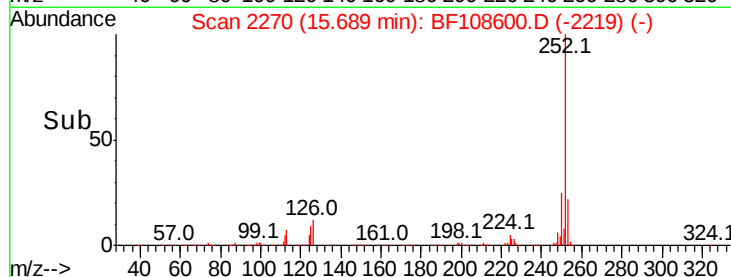
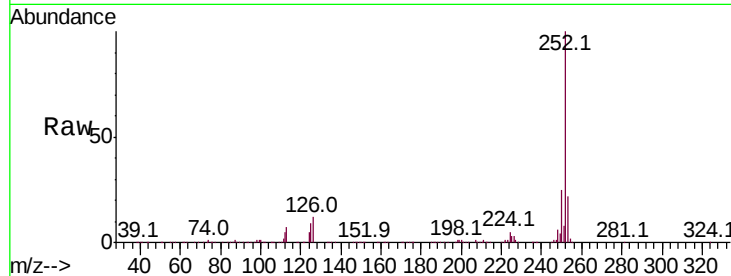
#89
Benzo(a)pyrene
Concen: 54.529 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Instrument :
BNA_F
ClientSampleId :
PB112433BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.3	9.8	14.6

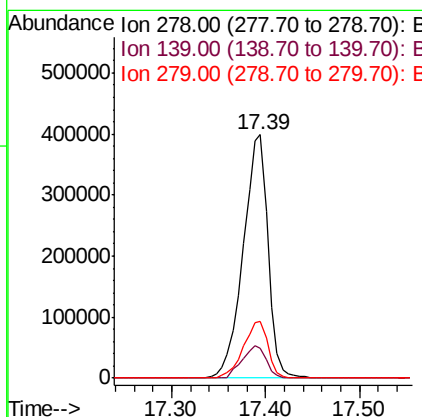
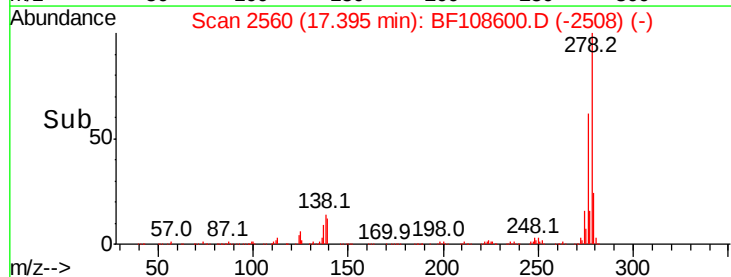
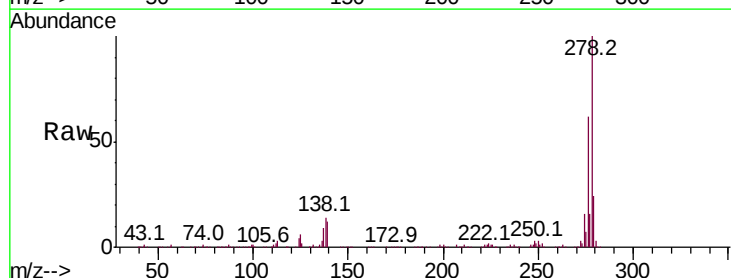
Manual Integrations
APPROVED

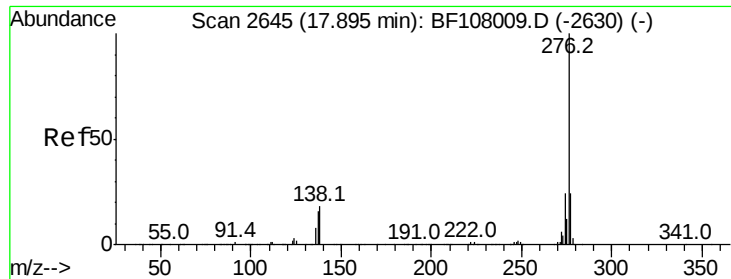
Sohil
8/30/2018 12:18:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.926 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF108600.D
Acq: 29 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 61.072 ng
 RT: 17.88 min Scan# 2642
 Delta R.T. 0.01 min
 Lab File: BF108600.D
 Acq: 29 Aug 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	18.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/30/2018 12:18:28 PM

