

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108628.D
 Acq On : 30 Aug 2018 3:00
 Operator : JU/SJ
 Sample : PB112466BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Manual Integrations
 APPROVED

Sohil
 8/30/2018 12:18:43 PM

Quant Time: Aug 30 04:32:01 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	120393	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	436492	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	207975	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	355479	20.00	ng	0.00
75) Chrysene-d12	14.20	240	245658	20.00	ng	0.00
86) Perylene-d12	15.75	264	242817	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	659944	99.24	ng	0.00
7) Phenol-d6	6.63	99	886995	100.38	ng	0.00
23) Nitrobenzene-d5	7.57	82	871916	111.47	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	221559	106.80	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1585065	122.36	ng	0.00
78) Terphenyl-d14	13.12	244	1163794	120.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	117074	34.263	ng	88
3) Pyridine	3.74	79	301947	34.304	ng	86
4) n-Nitrosodimethylamine	3.71	42	167903	33.900	ng	83
6) Aniline	6.68	93	225533	18.763	ng	# 83
8) 2-Chlorophenol	6.79	128	366380	48.919	ng	95
9) Benzaldehyde	6.55	77	207802	30.330	ng	96
10) Phenol	6.65	94	427166	46.732	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	302199	40.894	ng	93
12) 1,3-Dichlorobenzene	6.94	146	404730	46.736	ng	99
13) 1,4-Dichlorobenzene	7.02	146	441517	50.745	ng	97
14) 1,2-Dichlorobenzene	7.17	146	393827	48.662	ng	96
15) Benzyl Alcohol	7.14	79	303672	40.820	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	655053	43.029	ng	84
17) 2-Methylphenol	7.25	107	298153	46.422	ng	# 89
18) Hexachloroethane	7.51	117	148640	47.985	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	267226	44.719	ng	90
20) 3+4-Methylphenols	7.40	107	388327	47.181	ng	# 76
22) Acetophenone	7.41	105	543201	53.222	ng	# 90
24) Nitrobenzene	7.59	77	396891	50.176	ng	97
25) Isophorone	7.82	82	717097	48.097	ng	98
26) 2-Nitrophenol	7.90	139	175521	58.758	ng	93
27) 2,4-Dimethylphenol	7.93	122	317154	47.928	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	442307	50.818	ng	99
29) 2,4-Dichlorophenol	8.14	162	317334	52.110	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	349524	52.059	ng	96
31) Naphthalene	8.31	128	1072205	54.013	ng	100
32) Benzoic acid	8.07	122	124291	34.314	ng	94
33) 4-Chloroaniline	8.37	127	50727	5.864	ng	95
34) Hexachlorobutadiene	8.41	225	227121	53.436	ng	98
35) Caprolactam	8.74	113	80693m	42.284	ng	
36) 4-Chloro-3-methylphenol	8.84	107	327776	49.894	ng	97
37) 2-Methylnaphthalene	9.00	142	703336	50.079	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	363789	56.960	ng	97
40) Hexachlorocyclopentadiene	9.14	237	183197	44.409	ng	97

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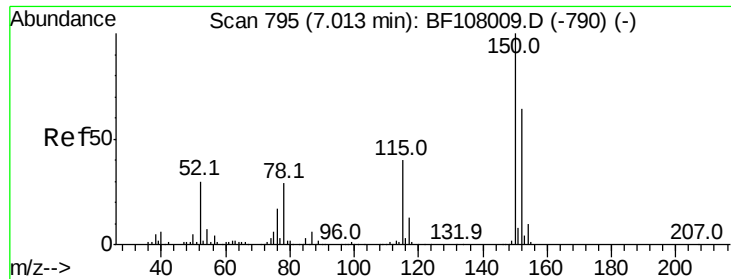
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	212199	53.541	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	240839	55.202	ng	94
45) 1,1'-Biphenyl	9.46	154	862714	56.262	ng	99
46) 2-Chloronaphthalene	9.49	162	662981	54.704	ng	98
47) 2-Nitroaniline	9.59	65	211381	53.905	ng	83
48) Acenaphthylene	9.91	152	1020246	53.249	ng	100
49) Dimethylphthalate	9.76	163	768144	53.022	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	164471	54.263	ng	95
51) Acenaphthene	10.08	154	562196	47.906	ng	99
52) 3-Nitroaniline	10.01	138	71131	21.449	ng	97
53) 2,4-Dinitrophenol	10.11	184	73214	65.900	ng	# 32
54) Dibenzofuran	10.25	168	878790	51.688	ng	97
55) 4-Nitrophenol	10.17	139	176056	70.106	ng	# 79
56) 2,4-Dinitrotoluene	10.24	165	205220	52.600	ng	# 91
57) Fluorene	10.60	166	690882	51.332	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	200757	55.054	ng	# 79
59) Diethylphthalate	10.45	149	728543	51.933	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	363021	51.763	ng	90
61) 4-Nitroaniline	10.63	138	134049	40.884	ng	92
62) Azobenzene	10.74	77	717638	49.535	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	52137	40.063	ng	92
65) n-Nitrosodiphenylamine	10.71	169	620134	59.034	ng	95
66) 4-Bromophenyl-phenylether	11.08	248	224672	58.158	ng	# 83
67) Hexachlorobenzene	11.14	284	226538	55.734	ng	# 88
68) Atrazine	11.22	200	194935	55.327	ng	95
69) Pentachlorophenol	11.34	266	173020	88.934	ng	95
70) Phenanthrene	11.57	178	893448	53.287	ng	99
71) Anthracene	11.62	178	950290	55.299	ng	100
72) Carbazole	11.78	167	764008	50.039	ng	98
73) Di-n-butylphthalate	12.08	149	1003386	58.019	ng	99
74) Fluoranthene	12.76	202	859591	46.975	ng	95
76) Benzidine	12.88	184	256428	27.938	ng	99
77) Pyrene	13.00	202	841124	54.082	ng	99
79) Butylbenzylphthalate	13.59	149	347436	56.258	ng	98
80) Benzo(a)anthracene	14.18	228	744284	52.793	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	185285	36.672	ng	# 95
82) Chrysene	14.22	228	716437	55.430	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	464691	55.565	ng	99
84) Di-n-octyl phthalate	14.76	149	793376	62.204	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	639919	57.140	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	785791m	54.158	ng	
88) Benzo(k)fluoranthene	15.31	252	681682	51.110	ng	# 96
89) Benzo(a)pyrene	15.68	252	690902	53.176	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	545546	50.748	ng	# 92
91) Benzo(g,h,i)perylene	17.86	276	504283	47.639	ng	# 88

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



#1

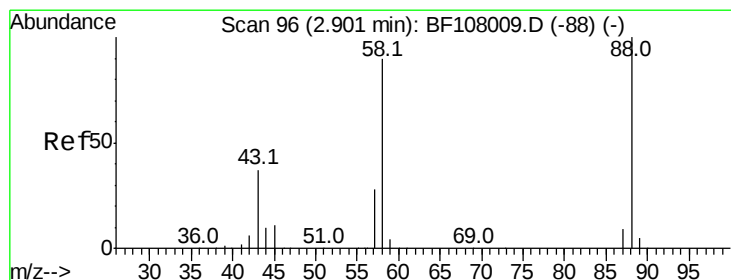
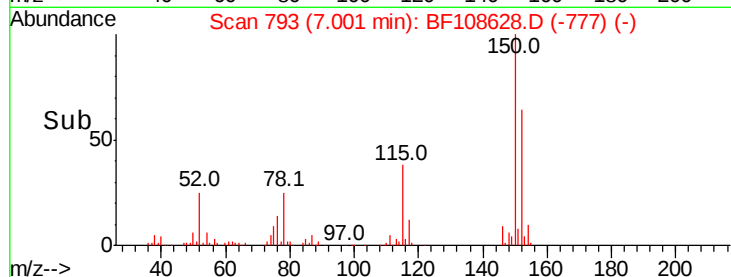
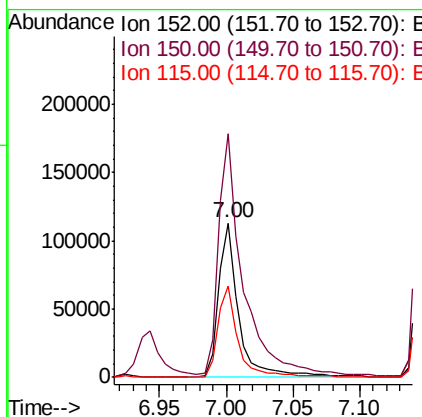
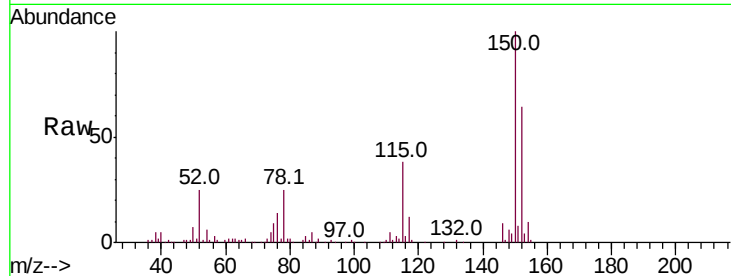
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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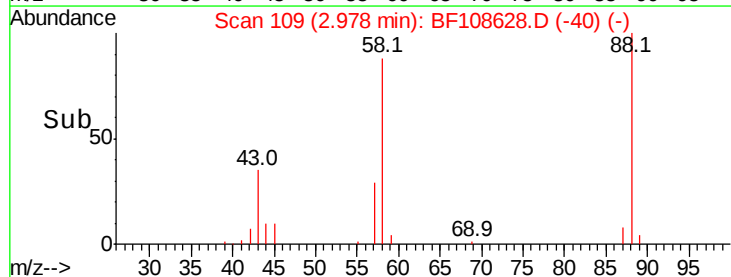
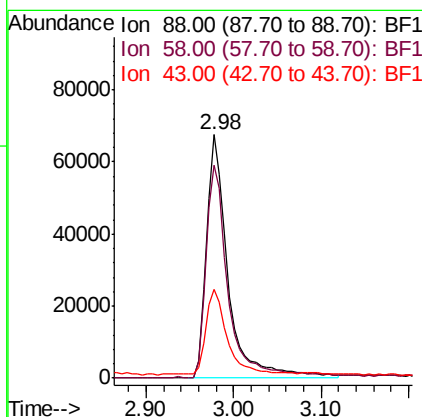
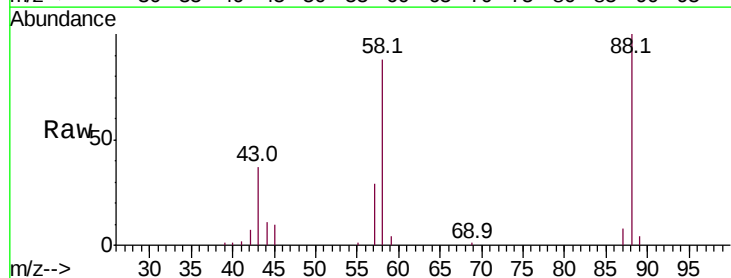
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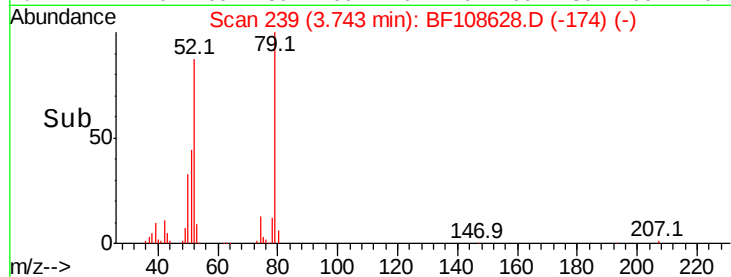
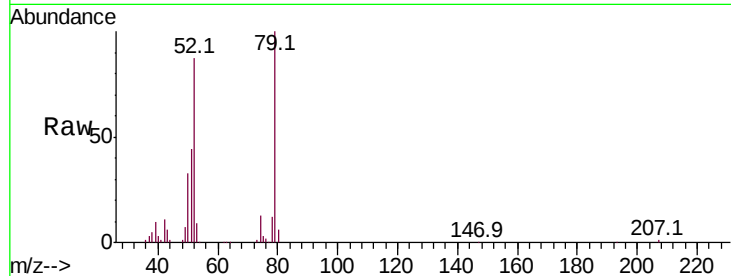
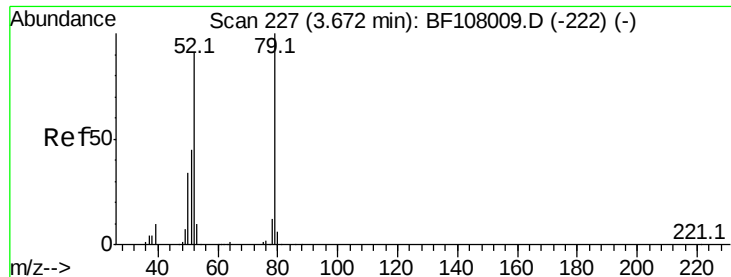


#2

1,4-Dioxane
Concen: 34.263 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	62.6	93.8
43	33.7	24.6	37.0





#3

Pvridine

Concen: 34.304 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF108628.D

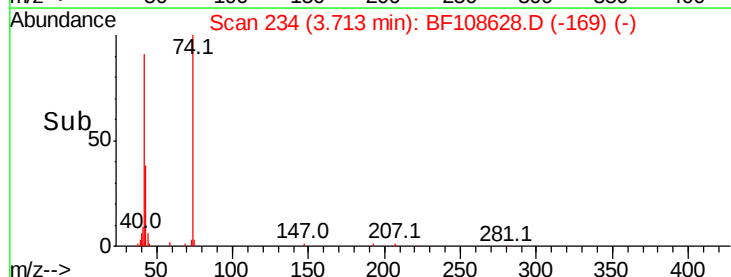
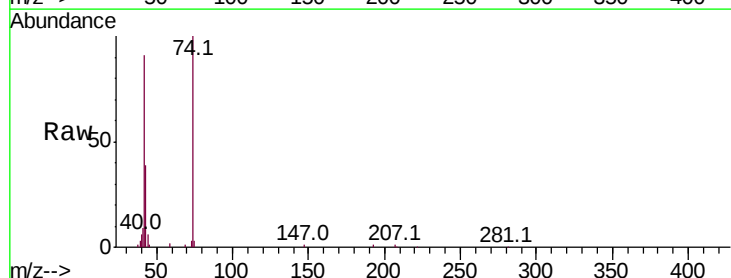
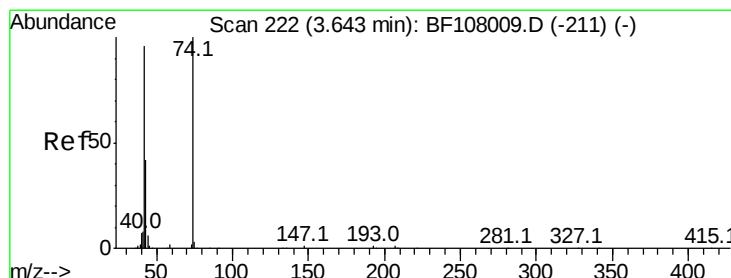
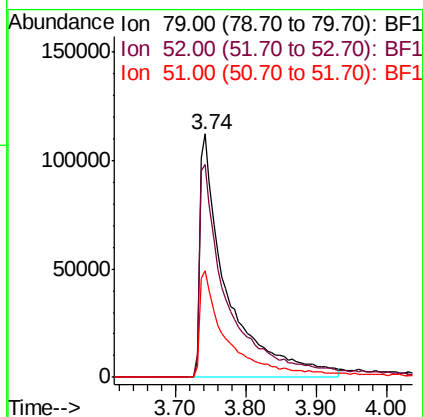
Acq: 30 Aug 2018 3:00

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	87.5	59.8	89.6	
51	43.6	29.8	44.8	

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.900 ng

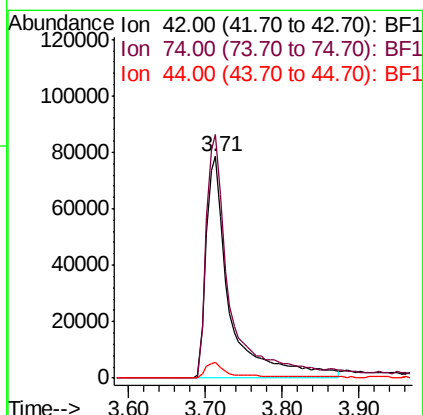
RT: 3.71 min Scan# 234

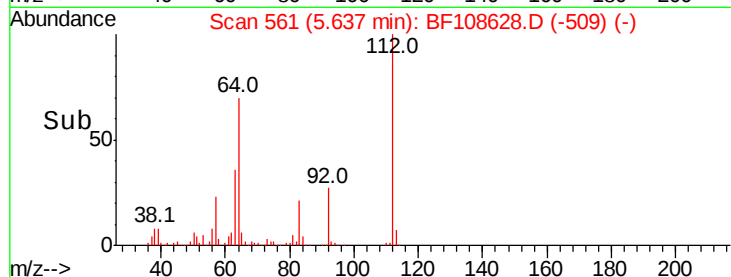
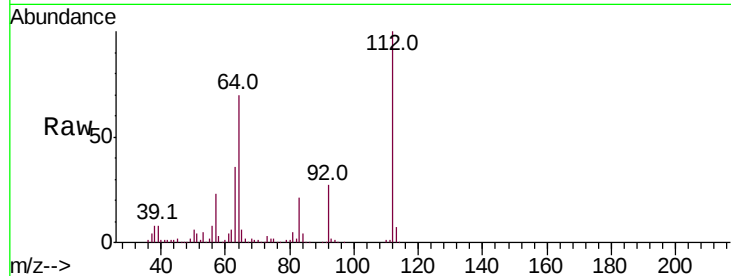
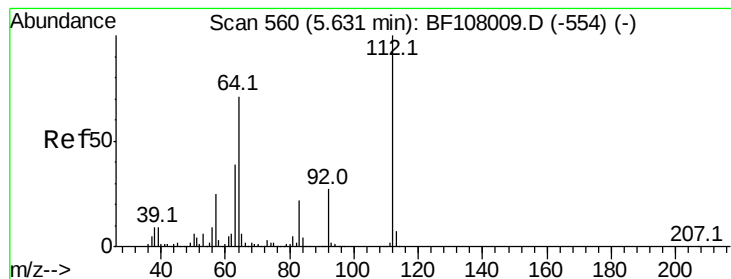
Delta R.T. 0.08 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	109.8	104.9	157.3	
44	7.0	6.9	10.3	





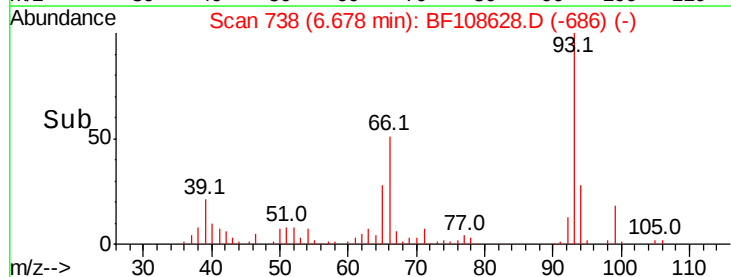
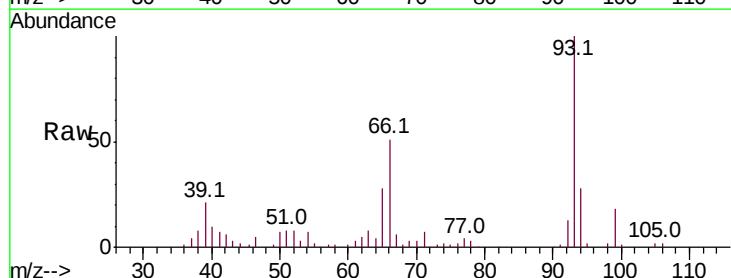
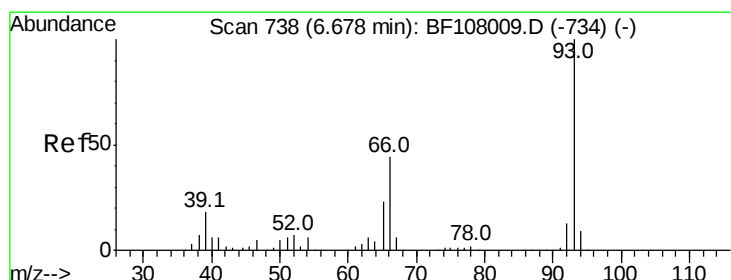
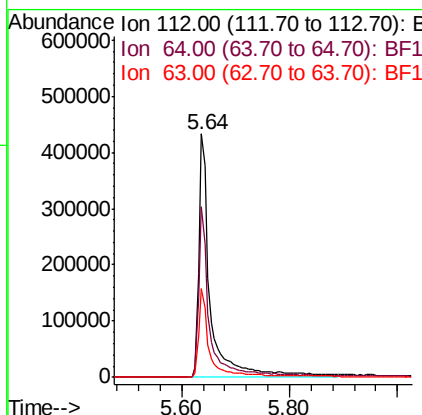
#5
2-Fluorophenol
Concen: 99.242 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleID :
PB112466BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	70.0	47.9	71.9
63	36.3	23.7	35.5

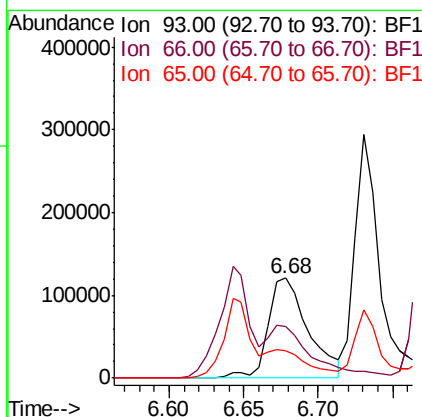
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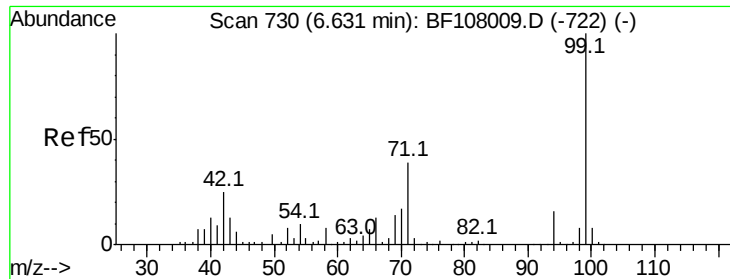
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#6
Aniline
Concen: 18.763 ng
RT: 6.68 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	51.4	32.2	48.2
65	27.7	16.4	24.6





#7

Phenol-d6

Concen: 100.375 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tot Ion: 99 Resp: 886995

Ion Ratio Lower Upper

99 100

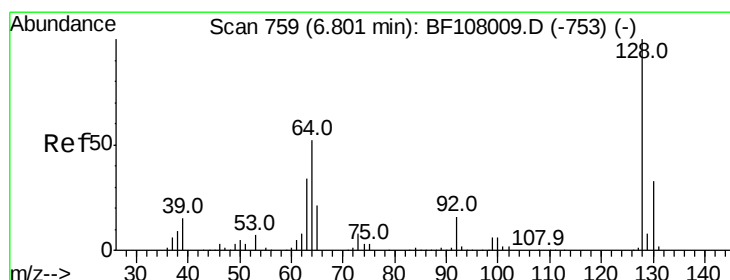
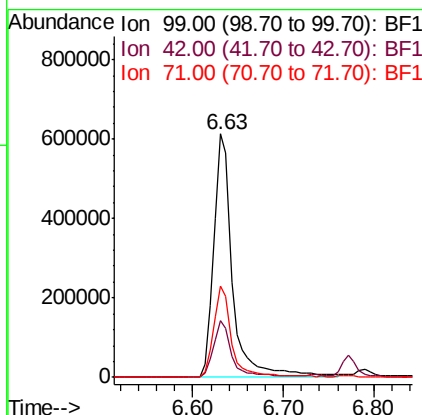
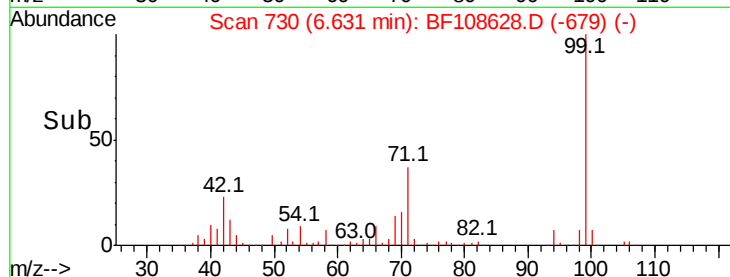
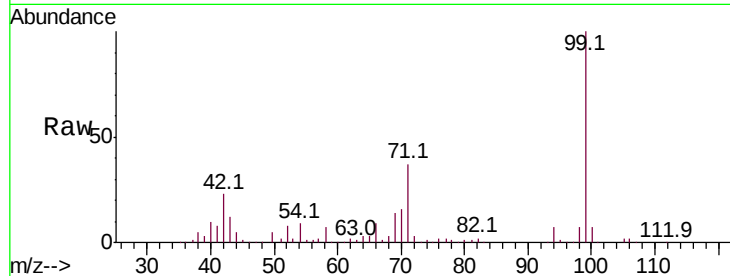
42 23.3 14.5 21.7#

71 37.3 25.4 38.0

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#8

2-Chlorophenol

Concen: 48.919 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

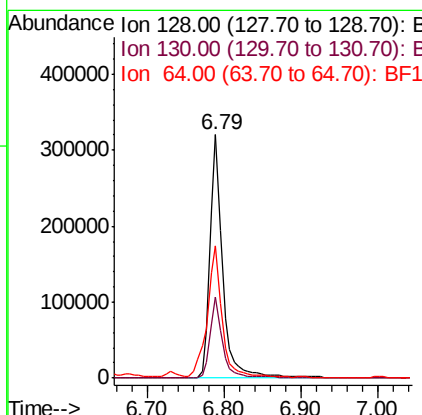
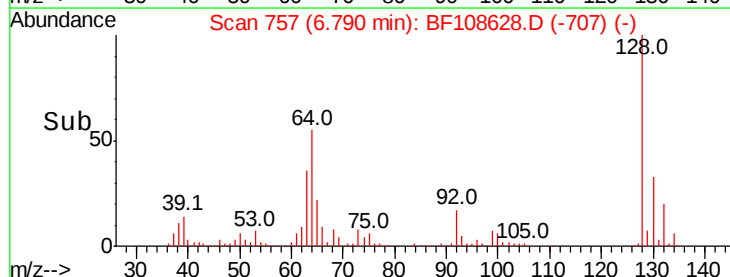
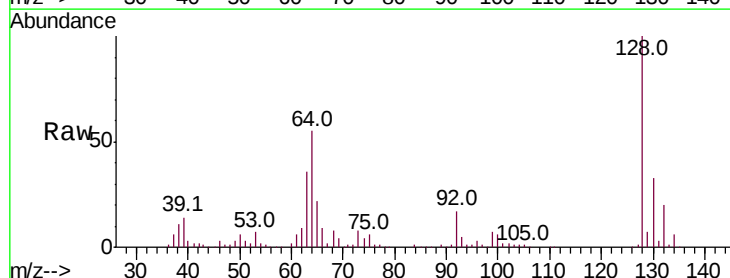
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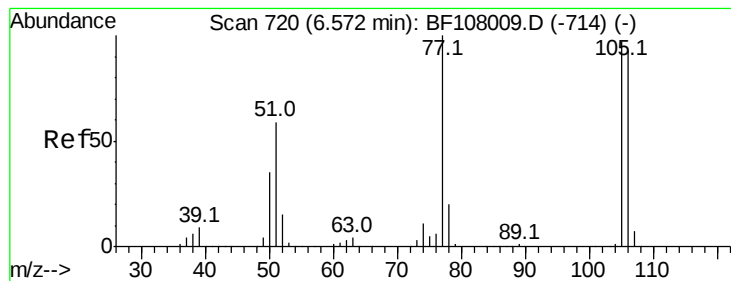
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 54.5 29.4 69.4





#9

Benzaldehyde

Concen: 30.330 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

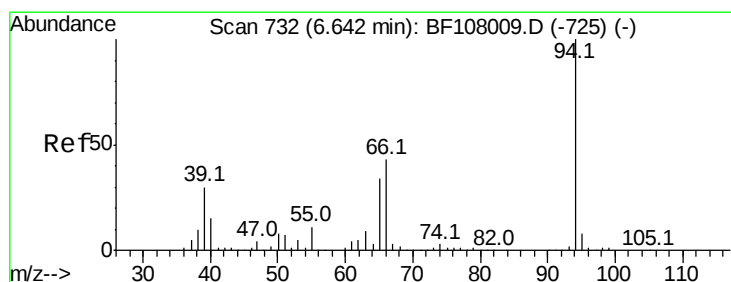
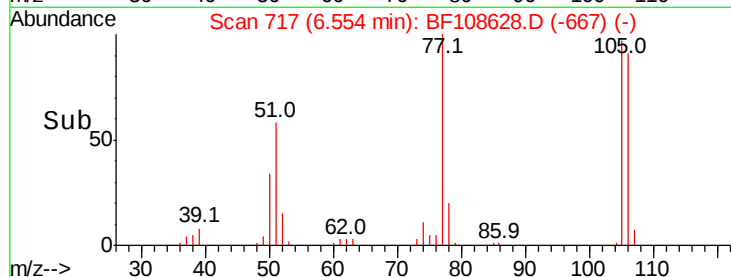
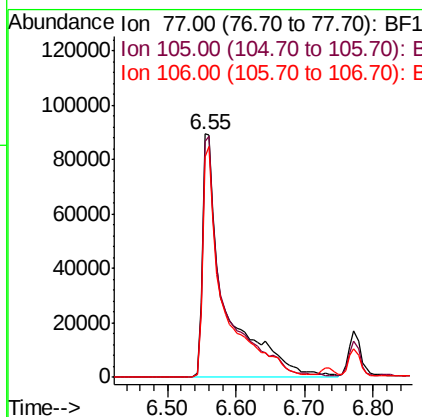
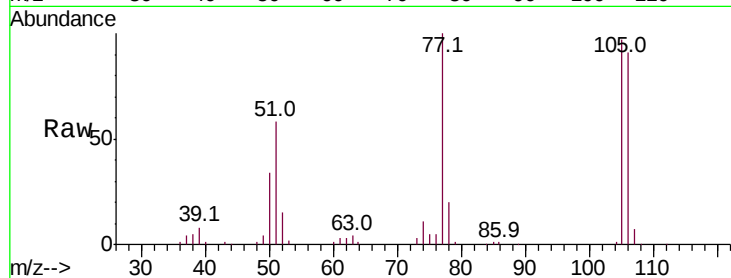
ClientSampleId :

PB112466BS

Tot Ion:	77	Resp:	207802
Ion Ratio	Lower	Upper	
77	100		
105	96.9	81.1	121.1
106	90.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 46.732 ng

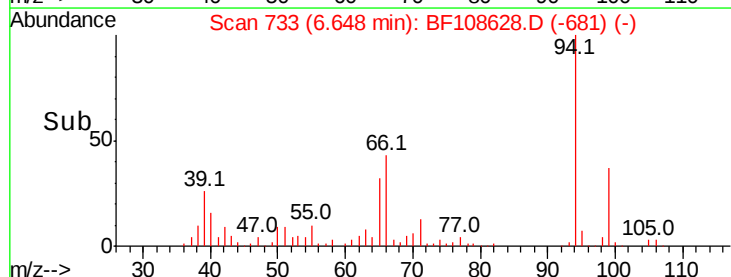
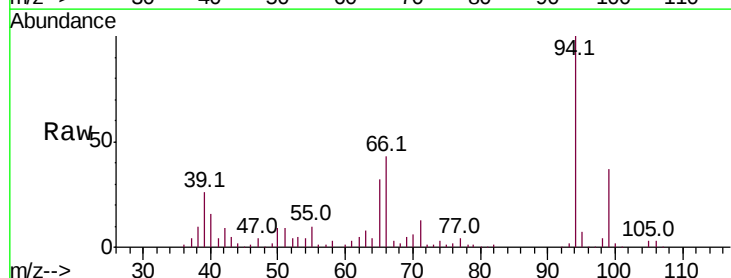
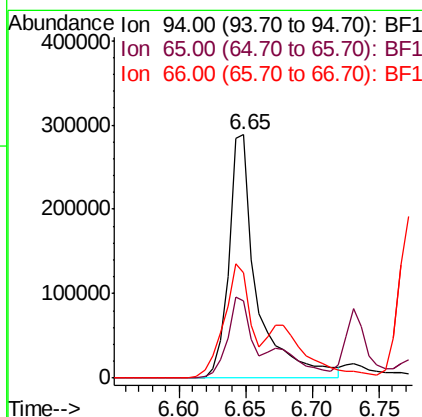
RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion:	94	Resp:	427166
Ion Ratio	Lower	Upper	
94	100		
65	31.9	7.9	47.9
66	43.2	16.2	56.2





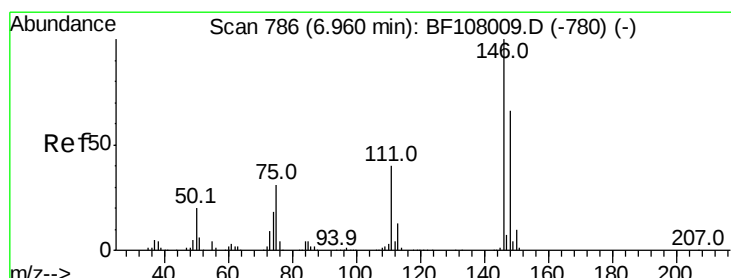
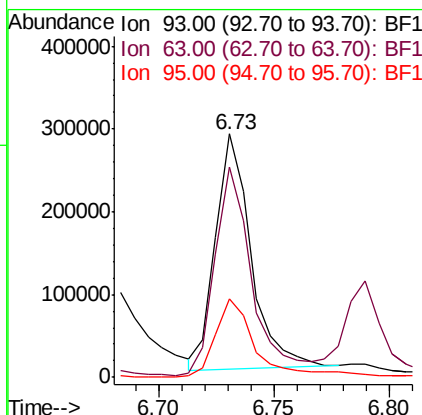
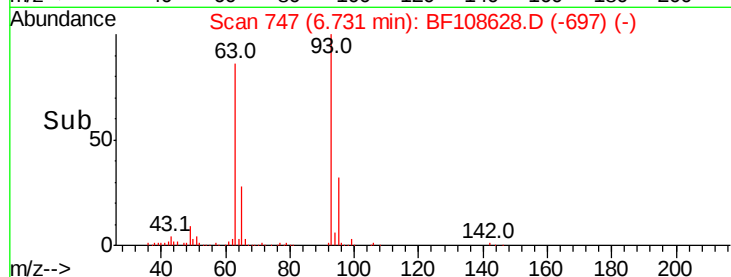
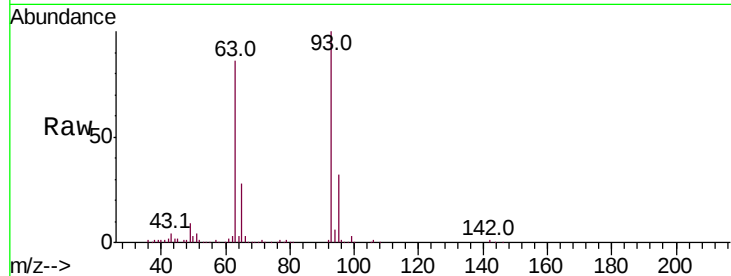
#11
bis(2-Chloroethyl)ether
Concen: 40.894 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	302199		
63	86.4		58.6	98.6
95	32.2		11.8	51.8

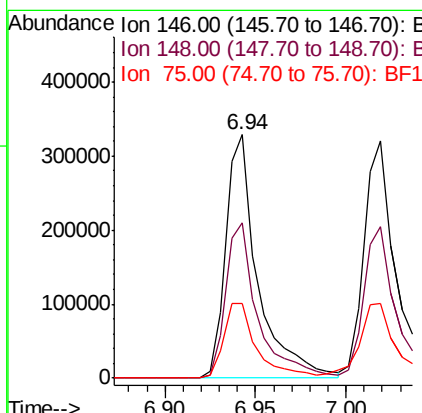
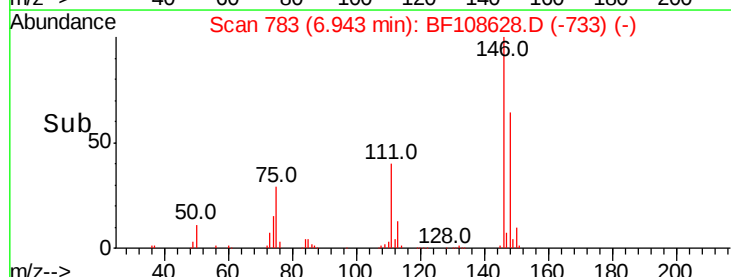
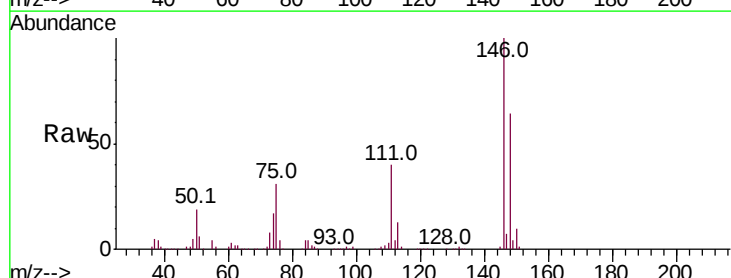
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#12
1,3-Dichlorobenzene
Concen: 46.736 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	404730		
148	63.9		51.8	77.8
75	30.7		24.2	36.4





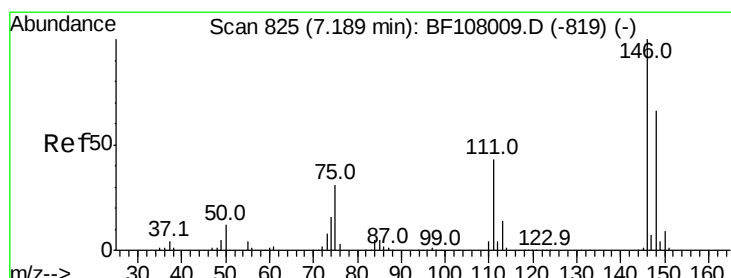
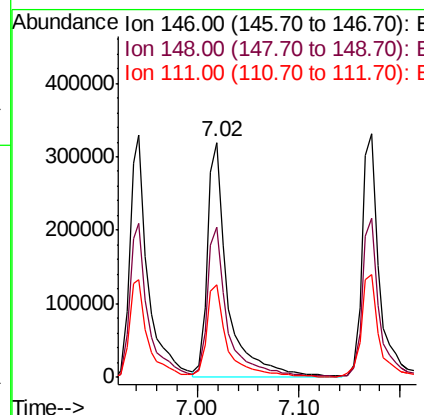
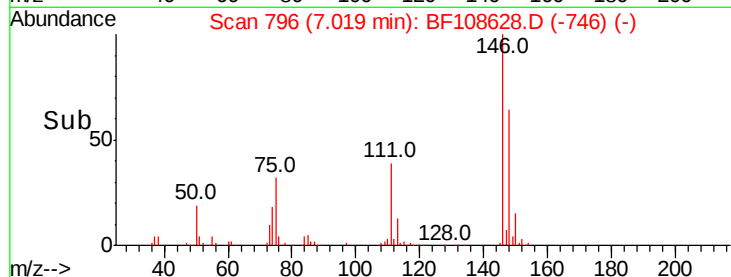
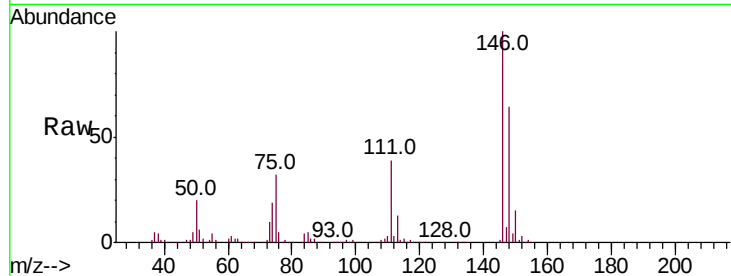
#13
 1,4-Dichlorobenzene
 Concen: 50.745 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	441517		
148	64.1	50.8	76.2	
111	39.1	34.2	51.2	

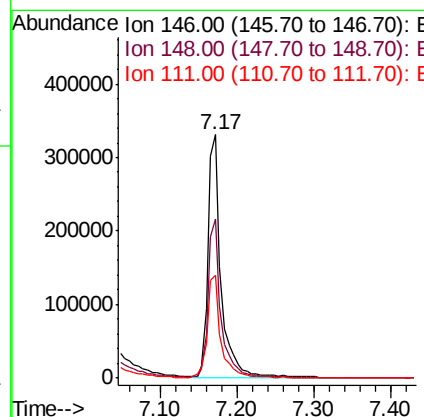
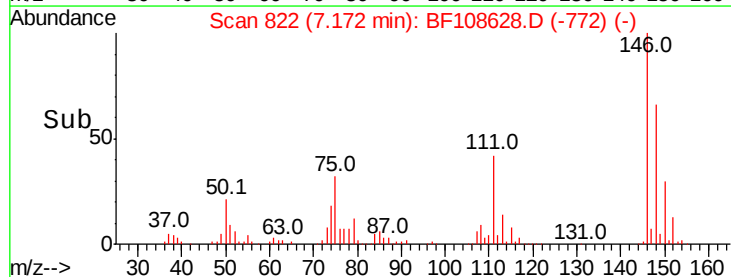
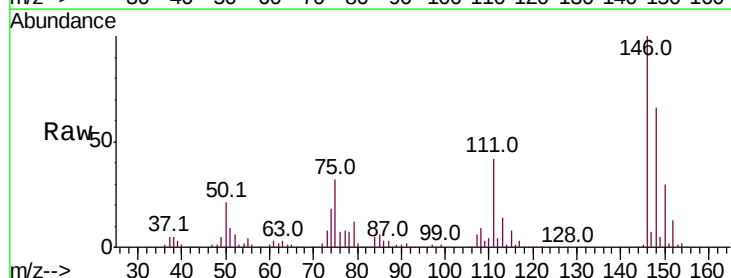
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 48.662 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	393827		
148	65.6	50.6	75.8	
111	42.1	36.0	54.0	





#15

Benzyl Alcohol

Concen: 40.820 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tot Ion: 79 Resp: 303672

Ion Ratio Lower Upper

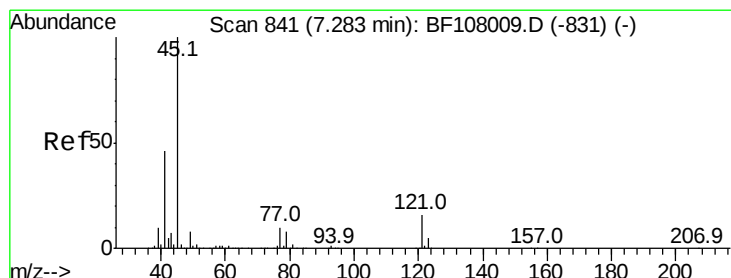
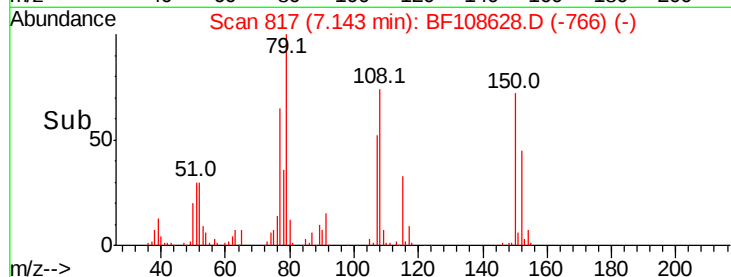
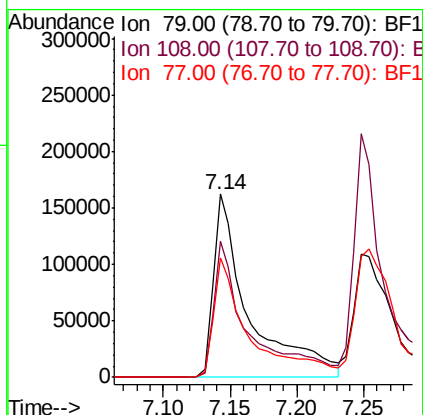
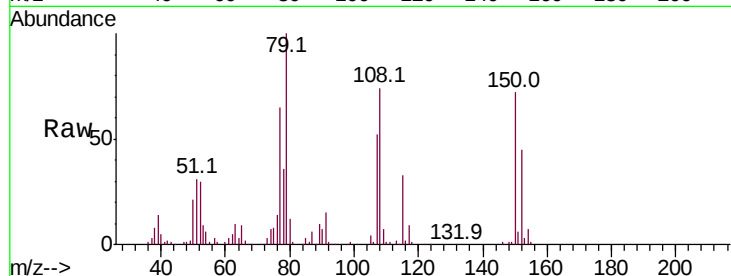
79 100

108 74.3 65.1 97.7

77 65.2 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.029 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

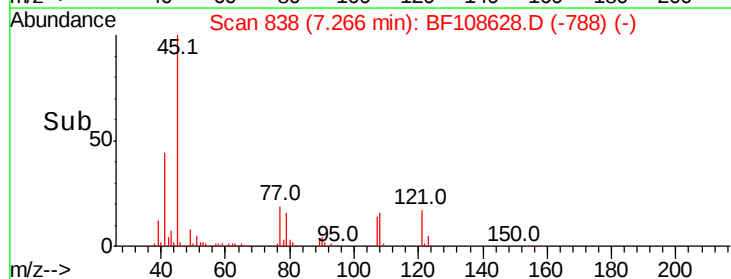
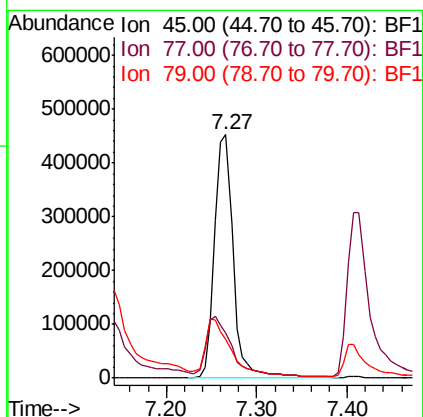
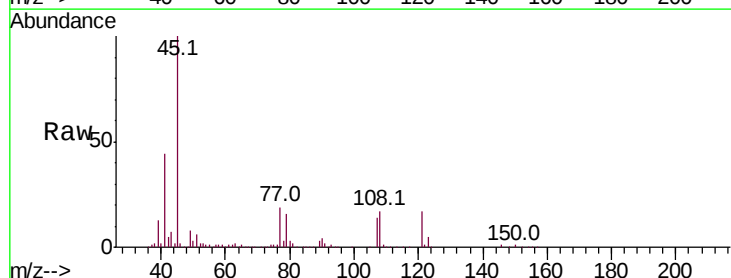
Tgt Ion: 45 Resp: 655053

Ion Ratio Lower Upper

45 100

77 18.8 0.0 32.9

79 16.1 0.0 29.6





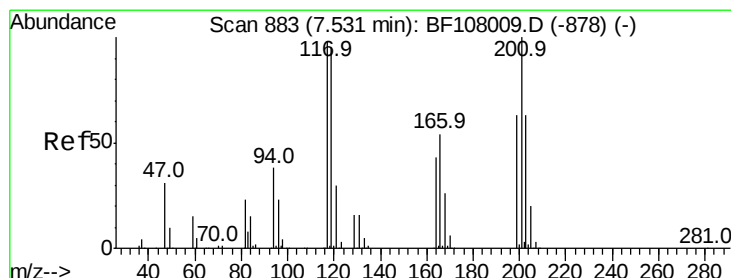
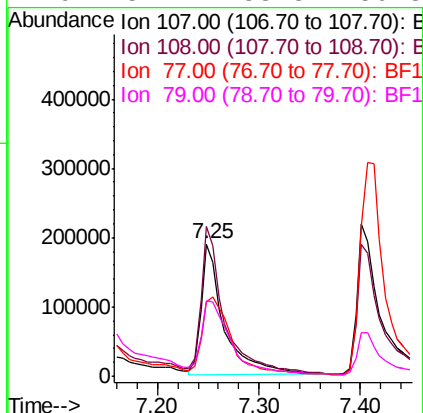
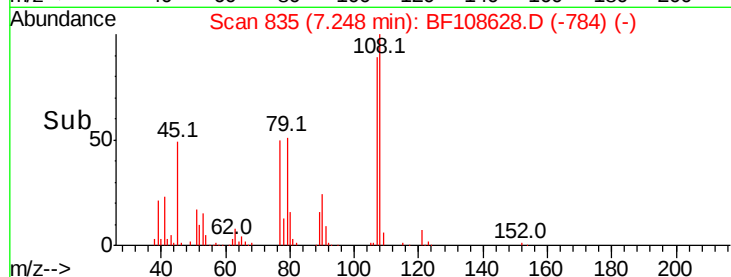
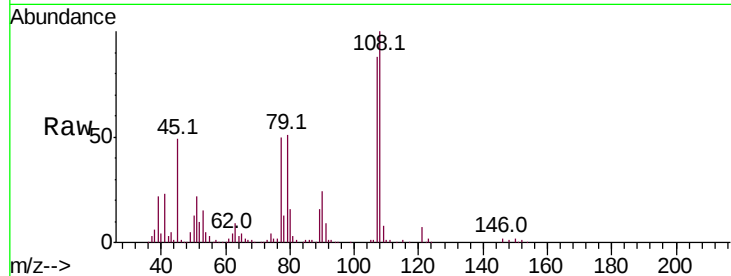
#17
2-Methylphenol
Concen: 46.422 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.7	137.5	
77	56.3	33.8	50.8#	
79	57.4	33.8	50.8#	

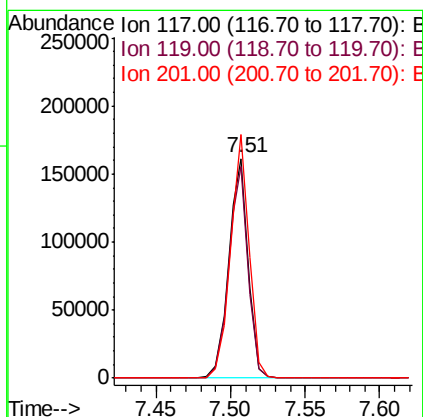
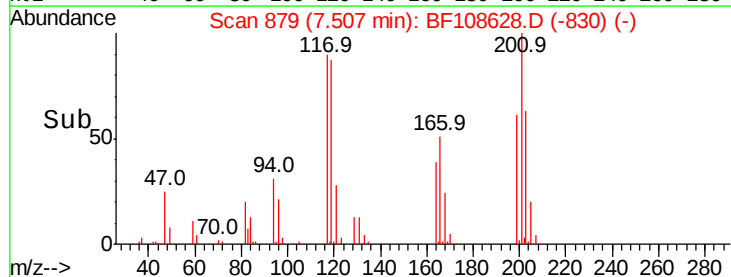
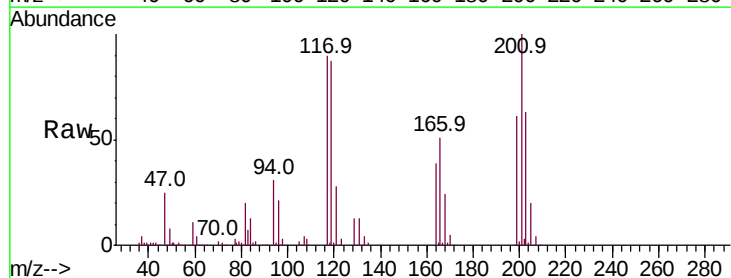
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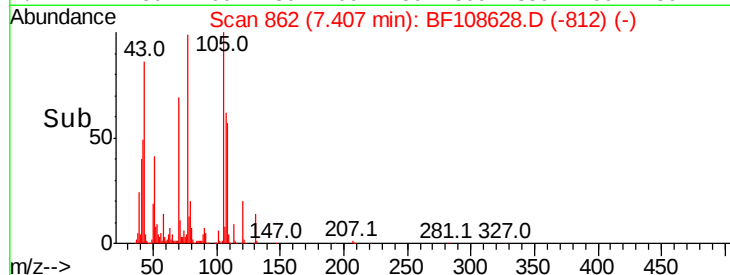
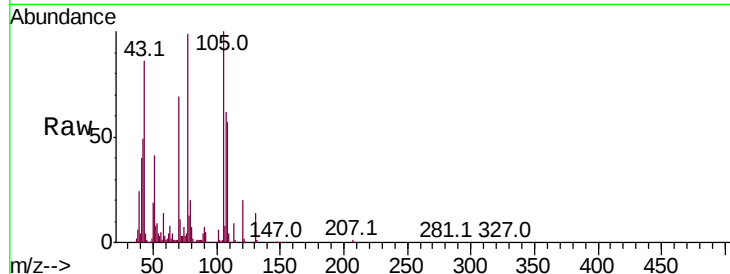
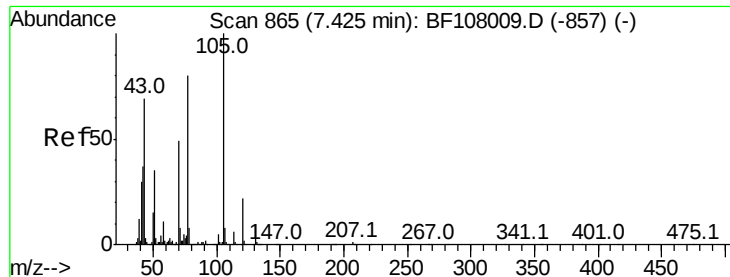
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#18
Hexachloroethane
Concen: 47.985 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.8	
201	110.9	75.7	113.5	





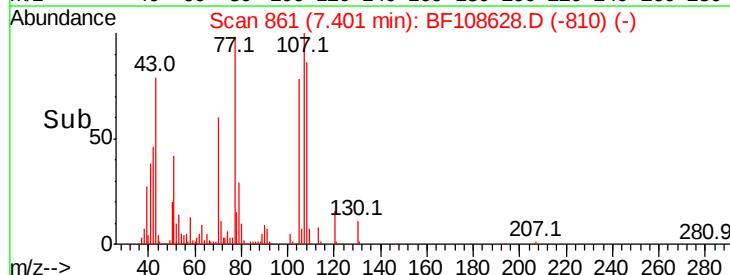
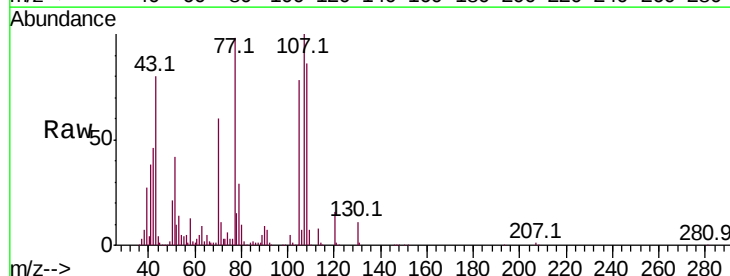
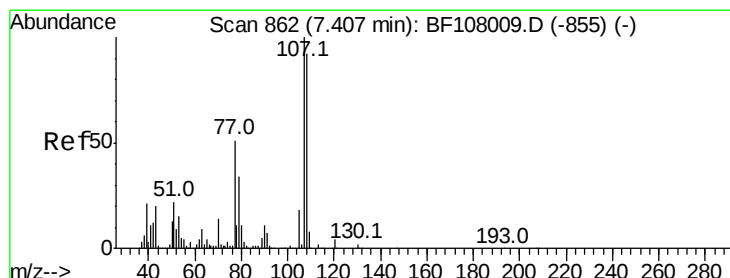
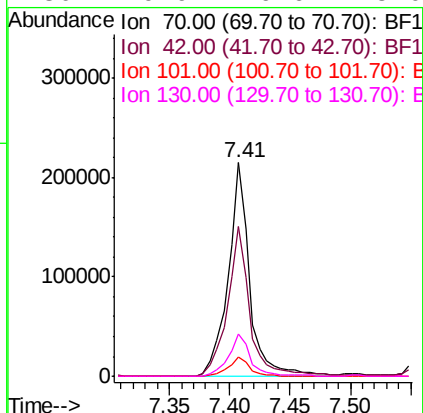
#19
n-Nitroso-di-n-propylamine
Concen: 44.719 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Manual Integrations
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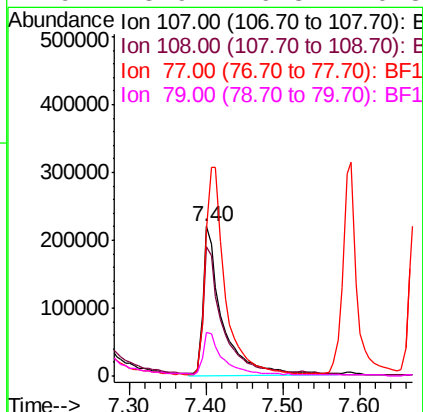
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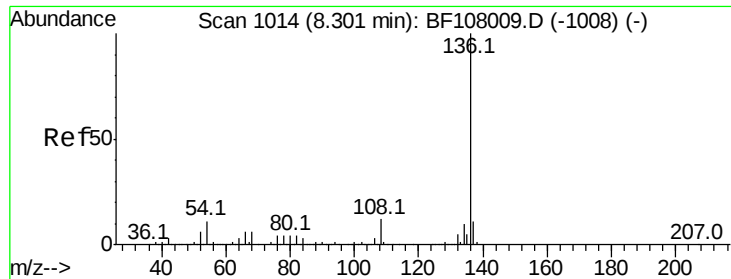
Tot Ion	Ratio	Lower	Upper
70	100		
42	70.4	47.5	71.3
101	9.0	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.181 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	97.9	26.7	66.7#
79	28.9	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: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

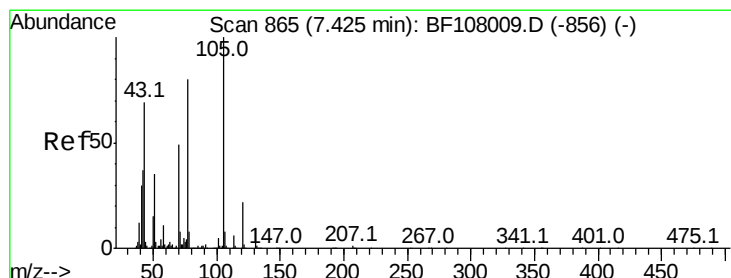
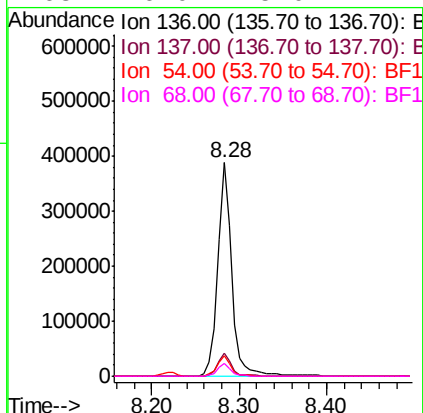
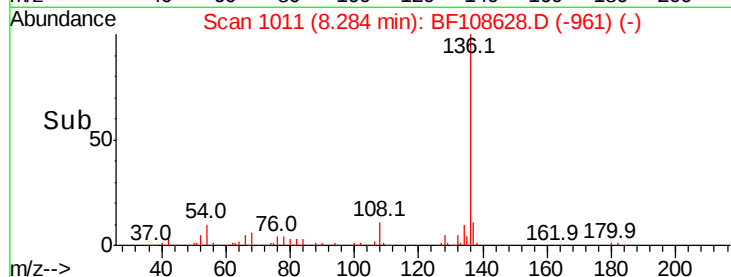
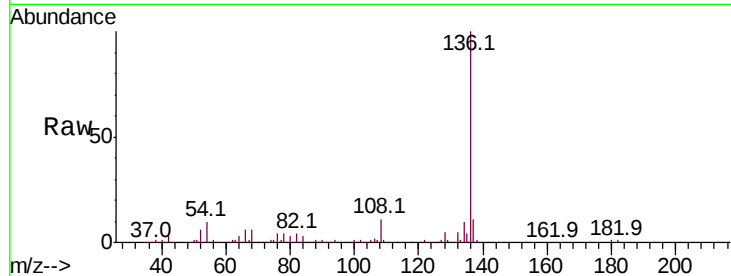
ClientSampleId :

PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.8	6.6	9.8	
68	6.0	5.0	7.4	

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#22

Acetophenone

Concen: 53.222 ng

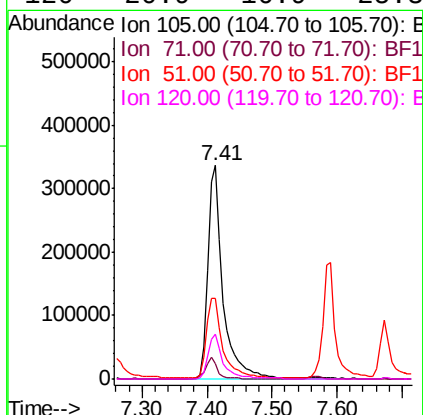
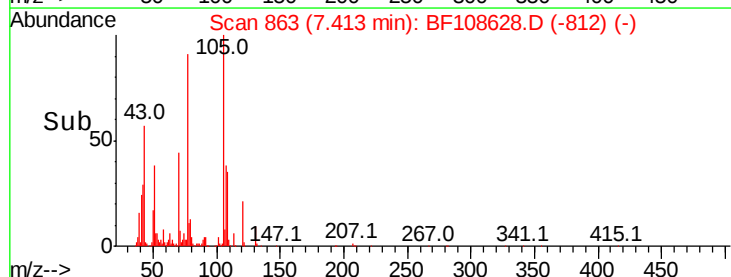
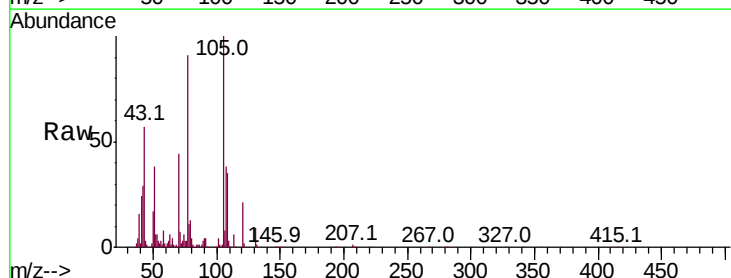
RT: 7.41 min Scan# 863

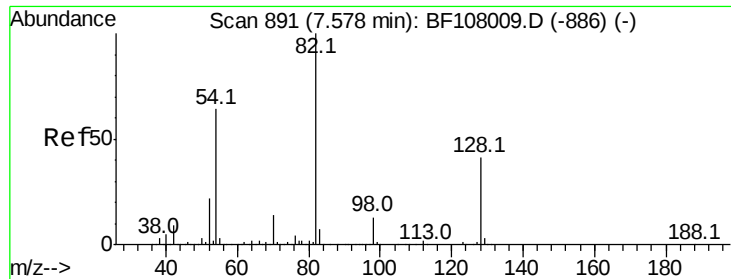
Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	4.4	6.6#	
51	38.0	22.3	33.5#	
120	20.9	16.9	25.3	





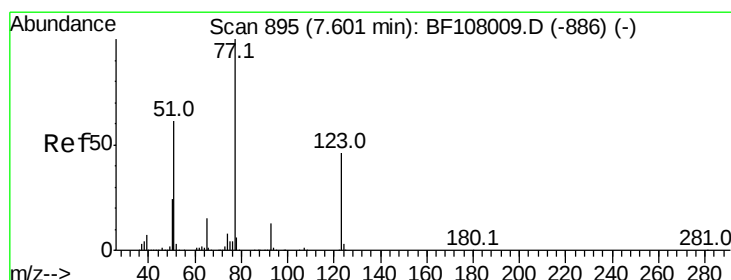
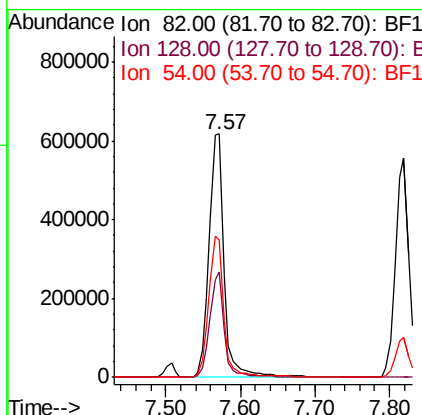
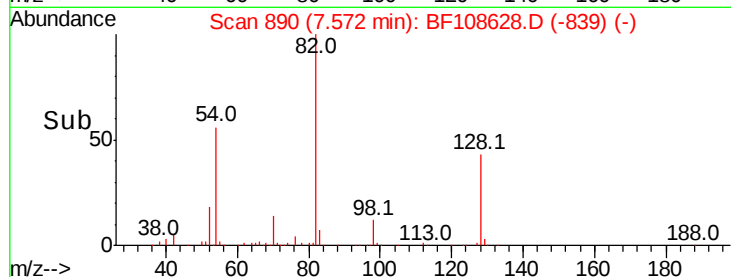
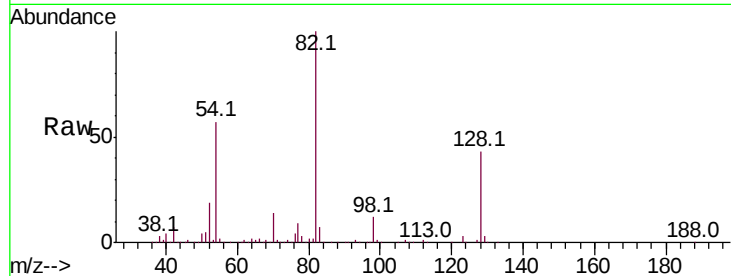
#23
 Nitrobenzene-d5
 Concen: 111.466 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	871916		
128	43.3	36.1	54.1	
54	56.6	41.4	62.2	

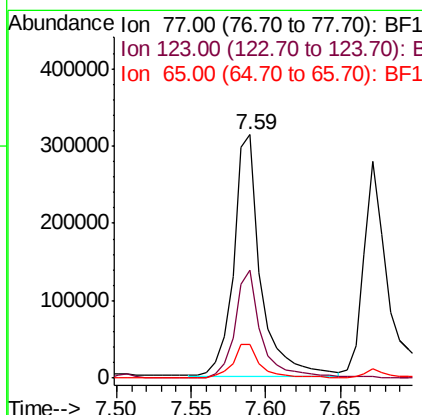
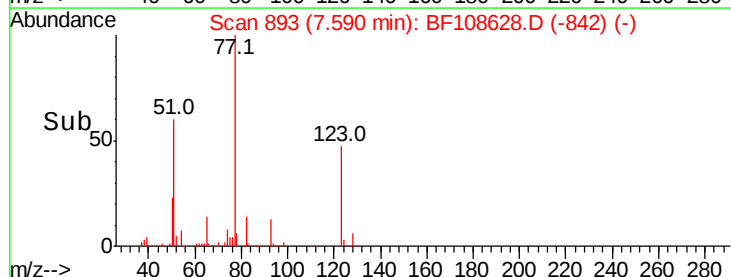
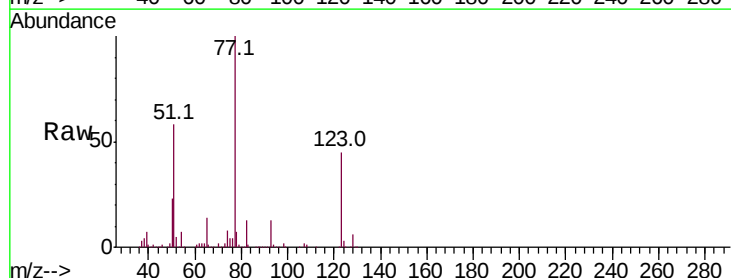
Manual Integrations
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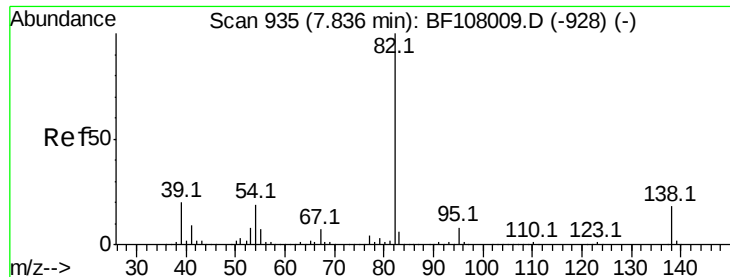
Sohil
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#24
 Nitrobenzene
 Concen: 50.176 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	396891		
123	44.6	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 48.097 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

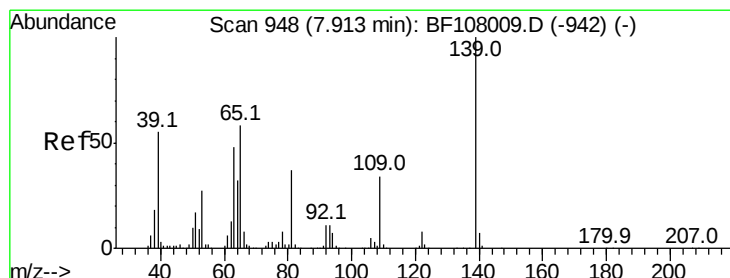
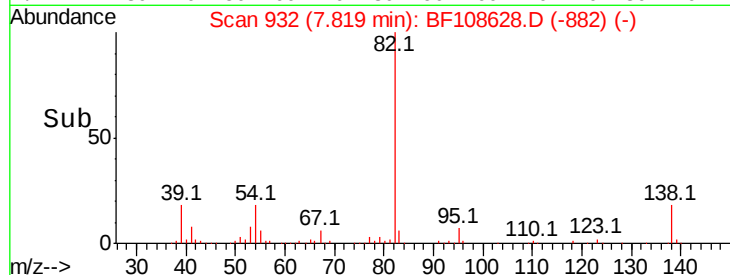
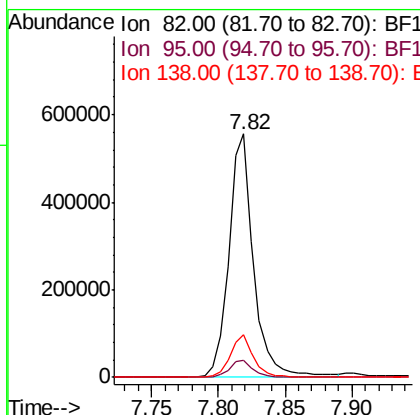
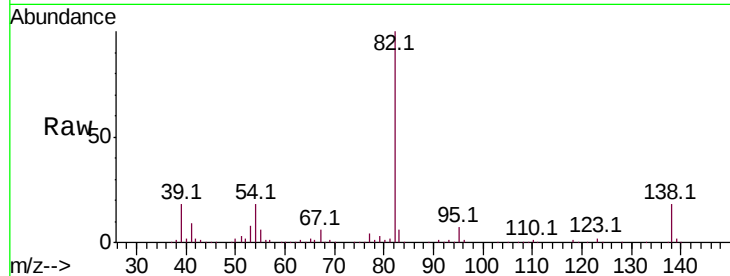
ClientSampleId :

PB112466BS

Tot Ion:	82	Resp:	717097
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 58.758 ng

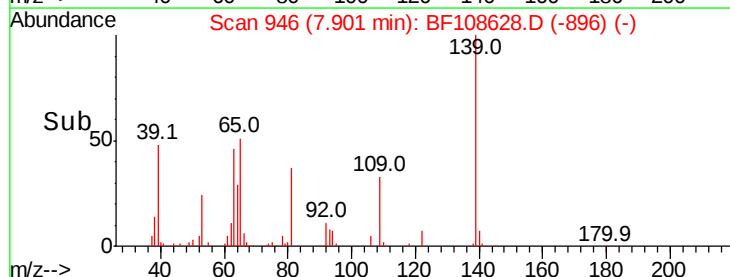
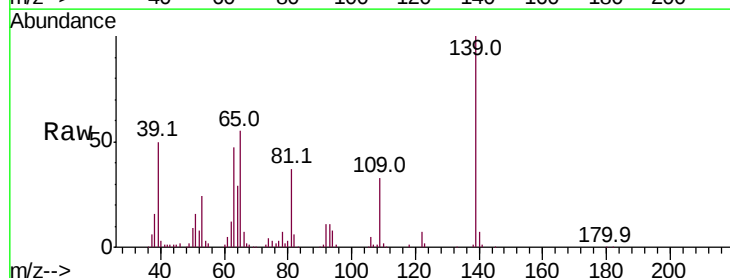
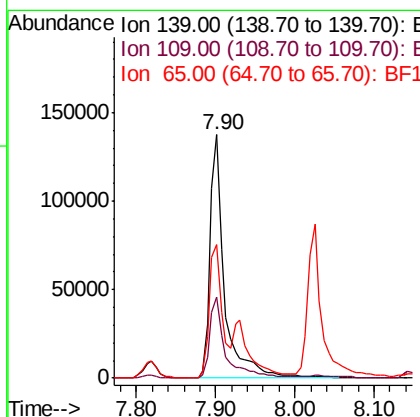
RT: 7.90 min Scan# 946

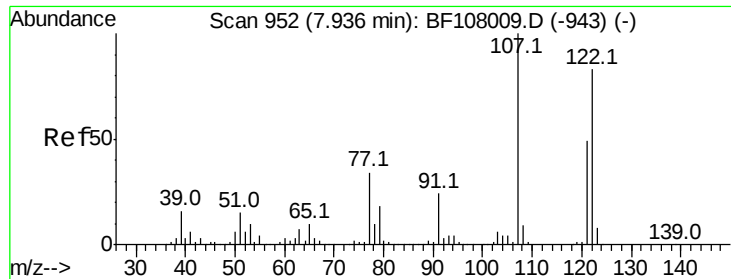
Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion:	139	Resp:	175521
Ion Ratio	Lower	Upper	
139	100		
109	33.2	22.7	34.1
65	55.1	40.5	60.7





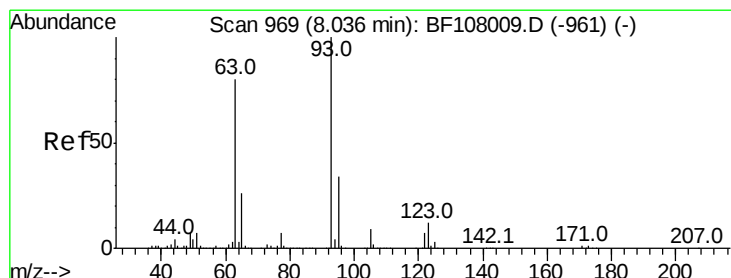
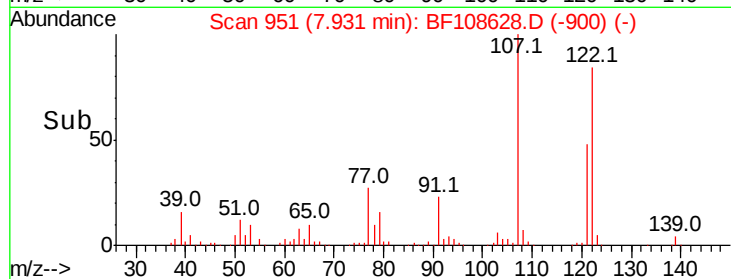
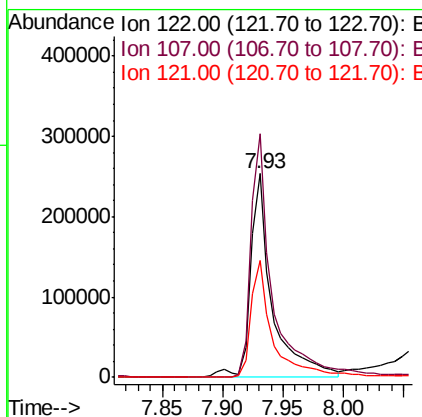
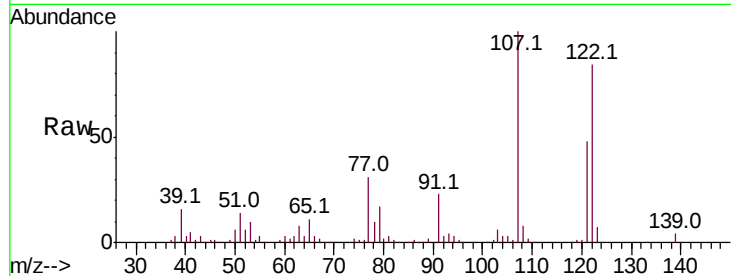
#27
 2,4-Dimethylphenol
 Concen: 47.928 ng
 RT: 7.93 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.7	91.2	136.8
121	57.3	47.2	70.8

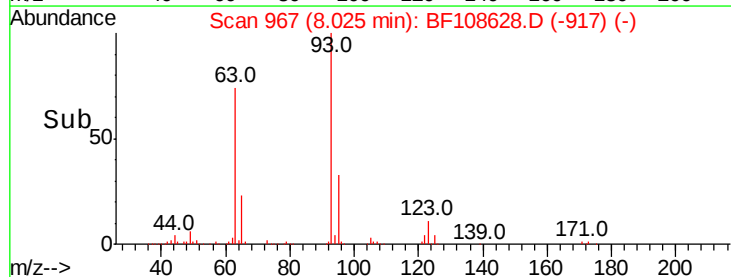
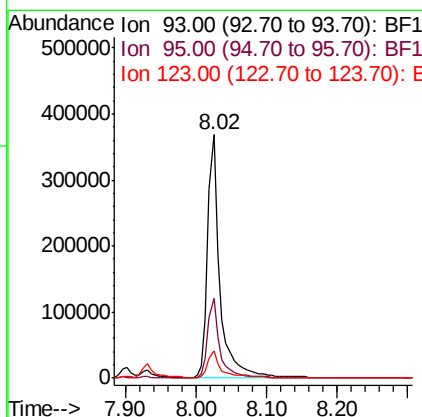
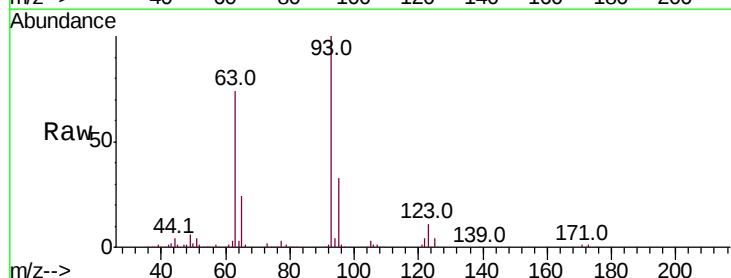
Manual Integrations
 APPROVED

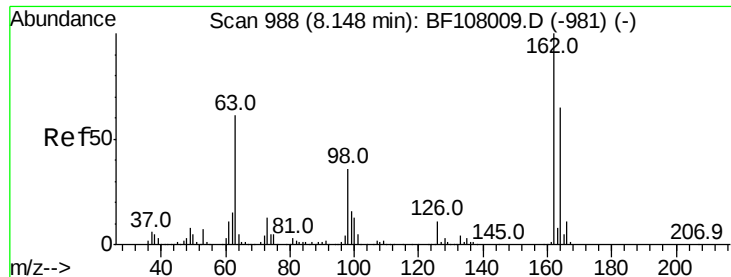
Sohil
 8/30/2018 12:18:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.818 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.3	9.8	14.6





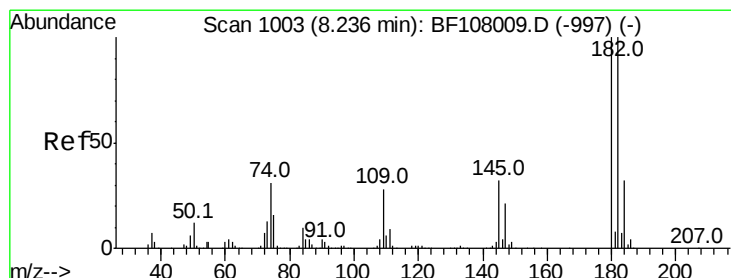
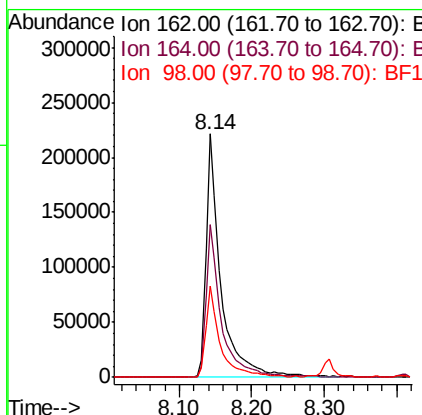
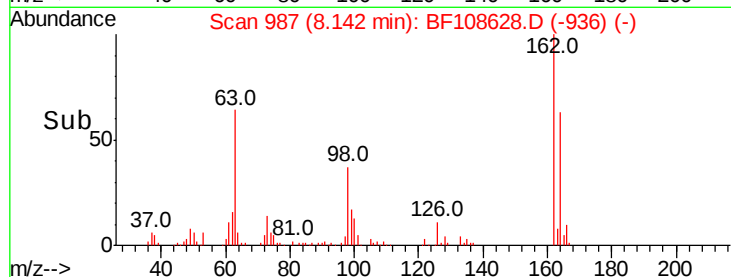
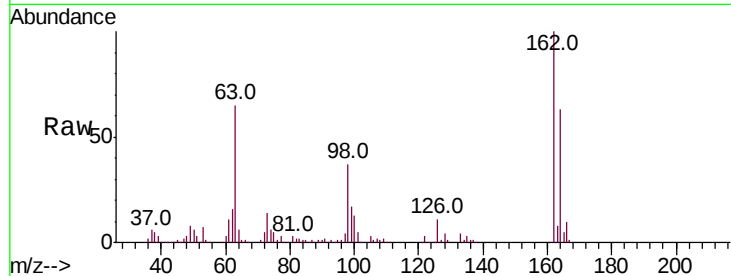
#29
2,4-Dichlorophenol
Concen: 52.110 ng
RT: 8.14 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	317334		
164	62.9	42.7	82.7	
98	37.5	18.1	58.1	

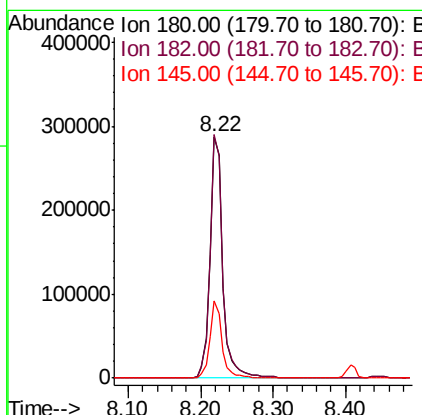
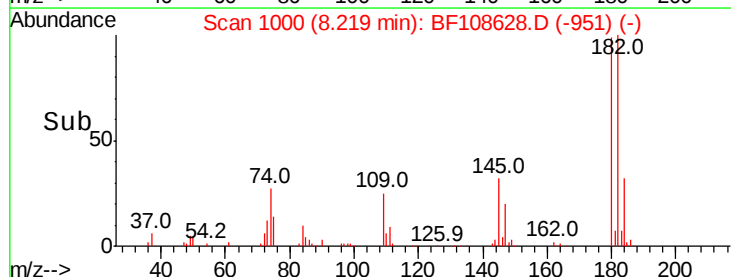
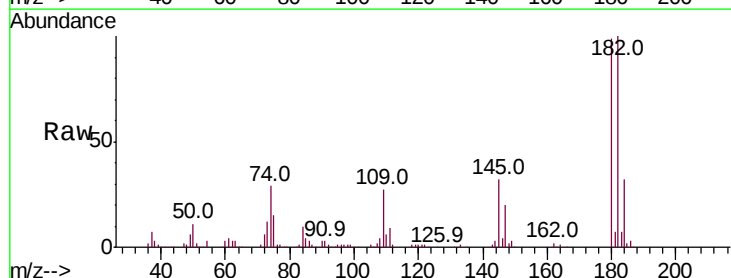
Manual Integrations
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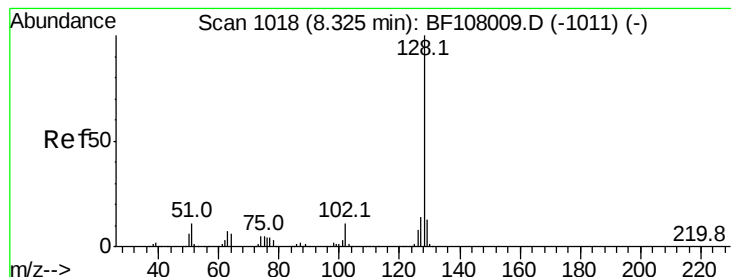
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 52.059 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	349524		
182	100.7	76.8	115.2	
145	32.1	26.5	39.7	





#31

Naphthalene

Concen: 54.013 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tot Ion:128 Resp: 1072205

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

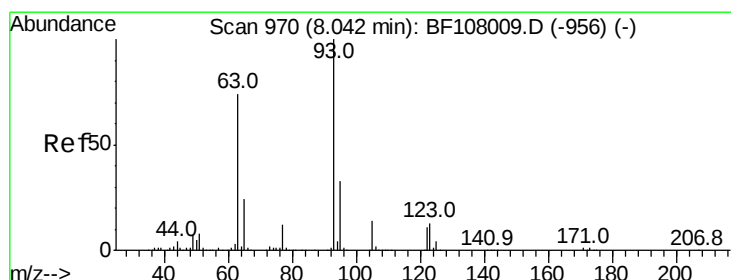
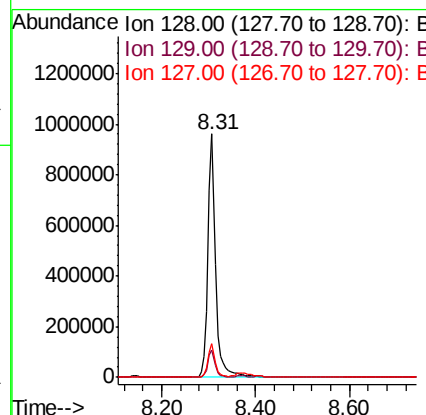
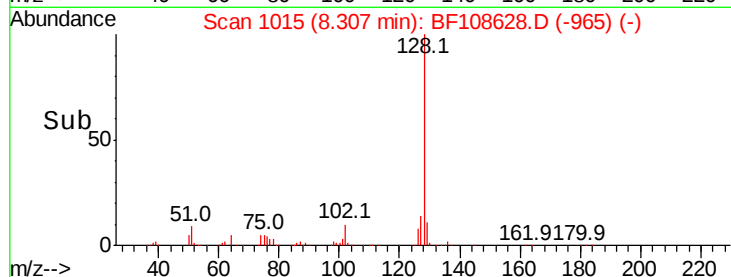
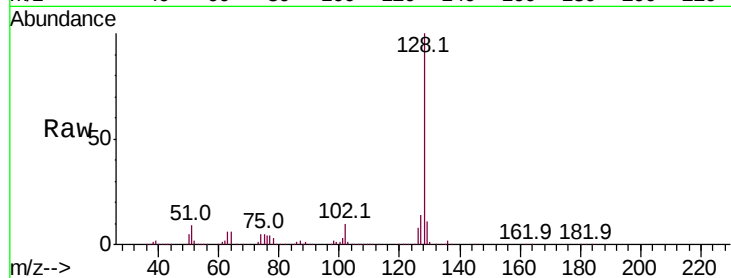
127 13.6 10.9 16.3

Manual Integrations

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#32

Benzoic acid

Concen: 34.314 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.03 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

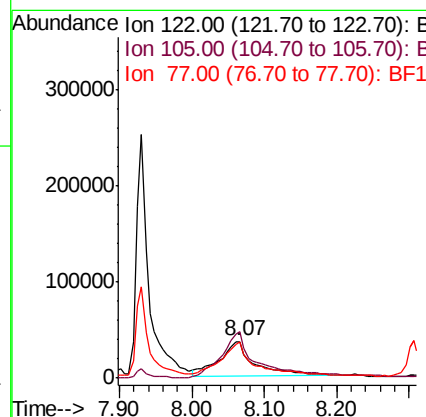
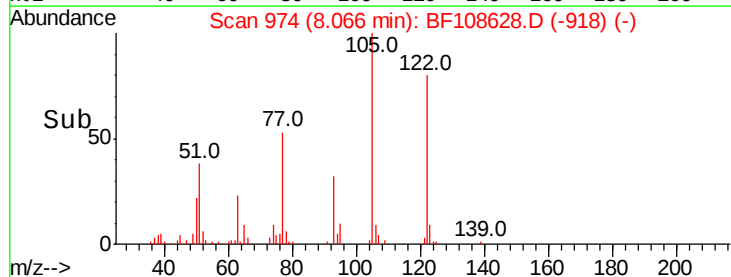
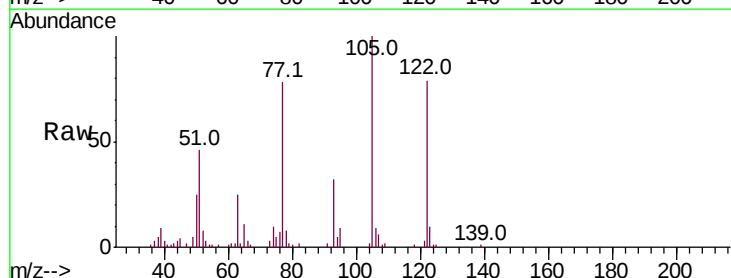
Tgt Ion:122 Resp: 124291

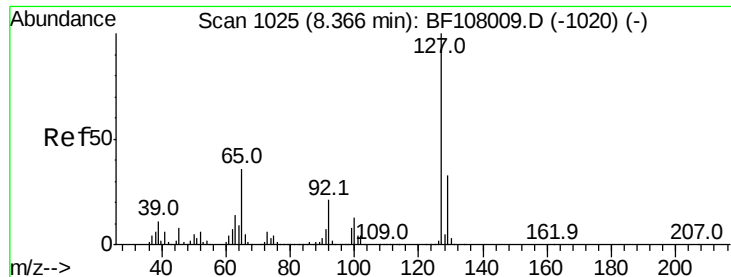
Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

77 98.0 70.7 110.7





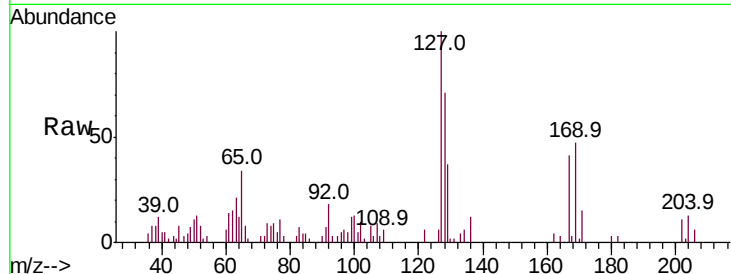
#33
 4-Chloroaniline
 Concen: 5.864 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

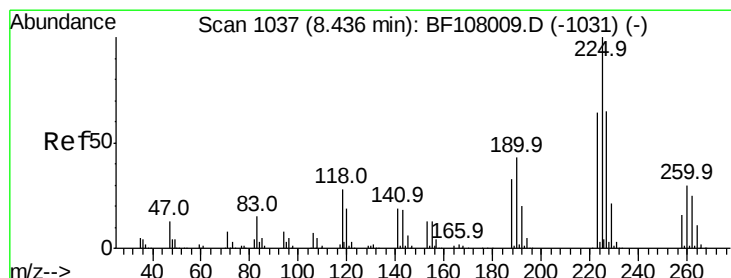
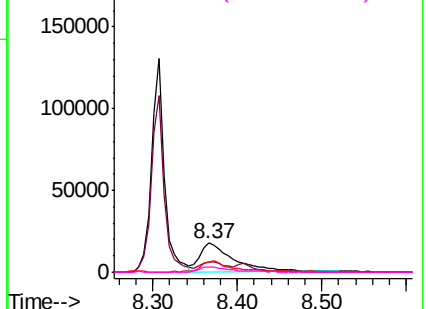
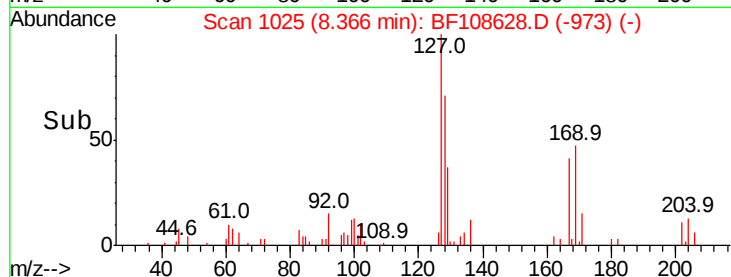
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.5	25.9	38.9	
65	33.9	25.0	37.4	
92	18.1	15.2	22.8	

Manual Integrations
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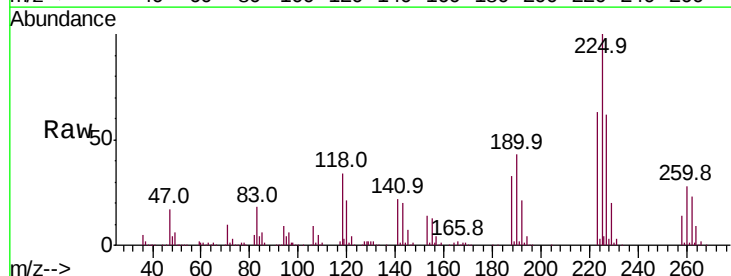


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

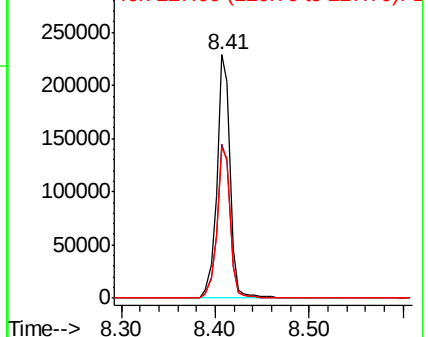
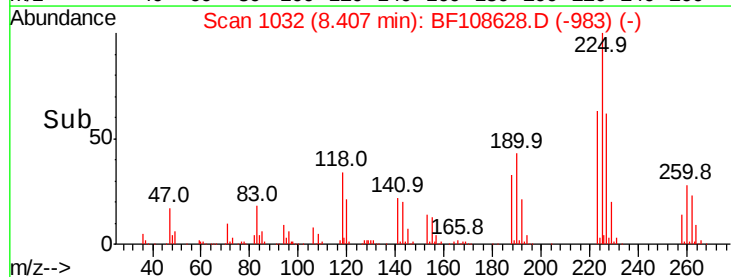


#34
 Hexachlorobutadiene
 Concen: 53.436 ng
 RT: 8.41 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	61.5	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: 42.284 ng/ml

RT: 8.74 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleID :

PB112466BS

Tot Ion: 113 Resp: 80693

Ion Ratio Lower Upper

113 100

55 213.6 163.3 203.3#

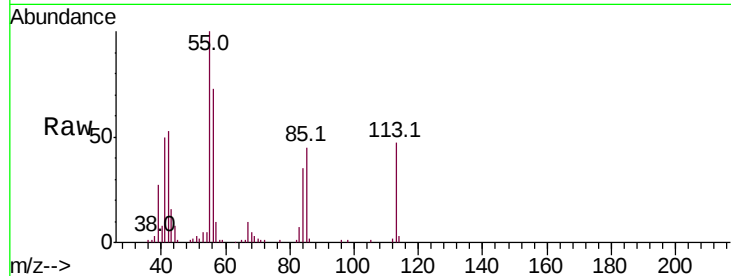
56 156.5 115.7 155.7#

Manual Integrations

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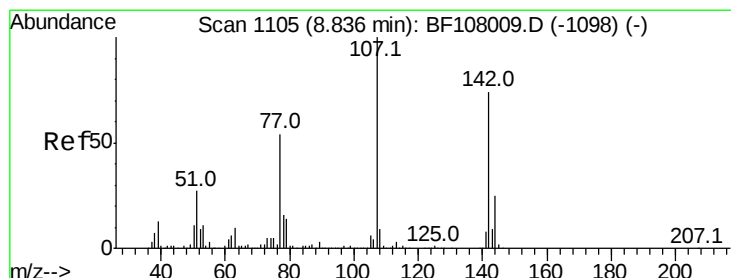
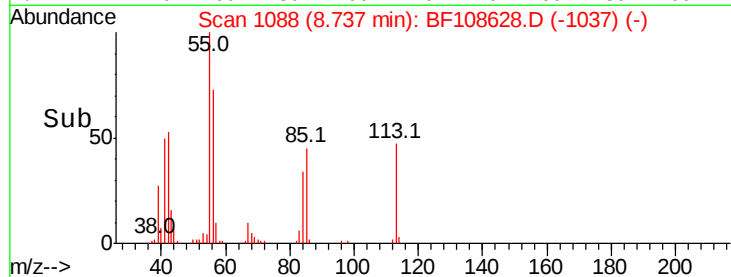
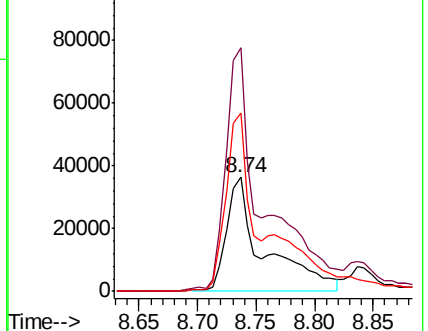
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.894 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

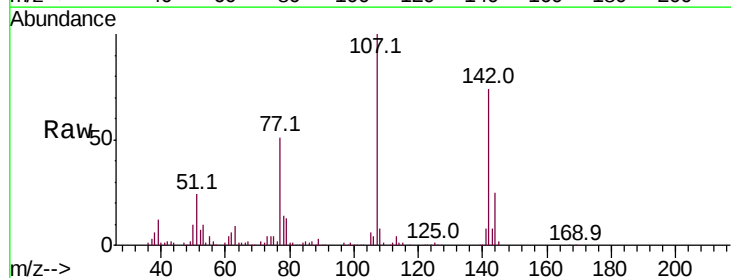
Tgt Ion: 107 Resp: 327776

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

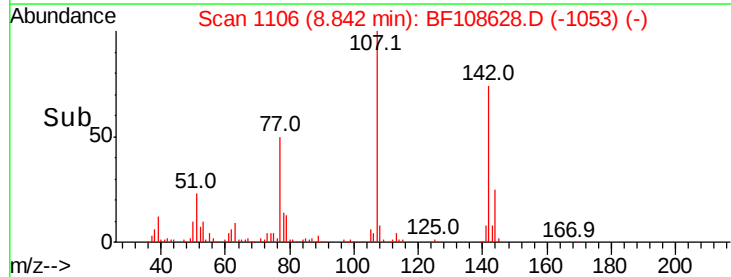
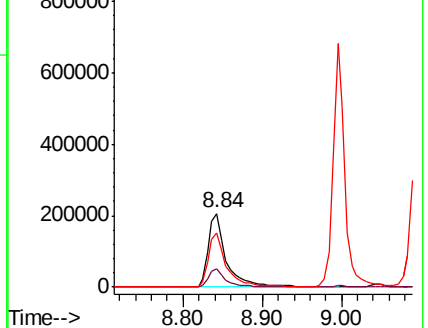
142 74.2 62.0 93.0

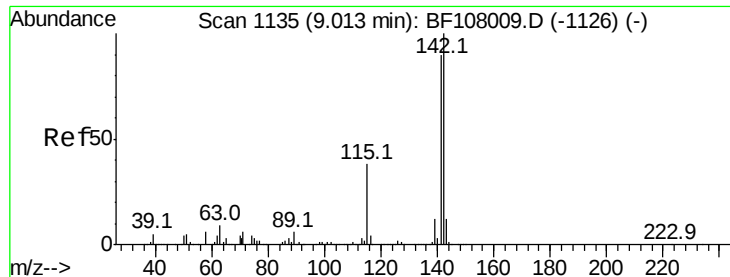


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





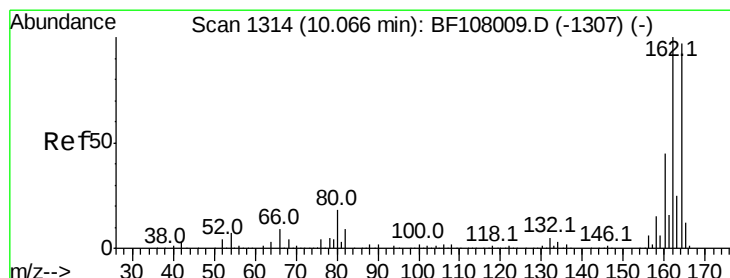
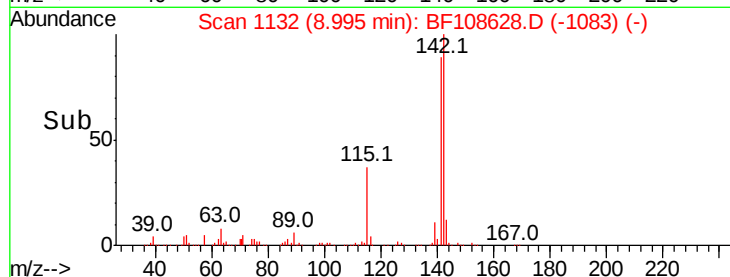
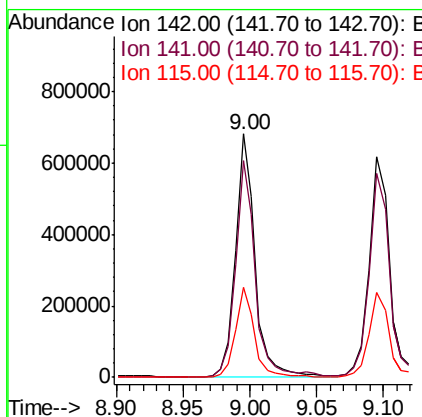
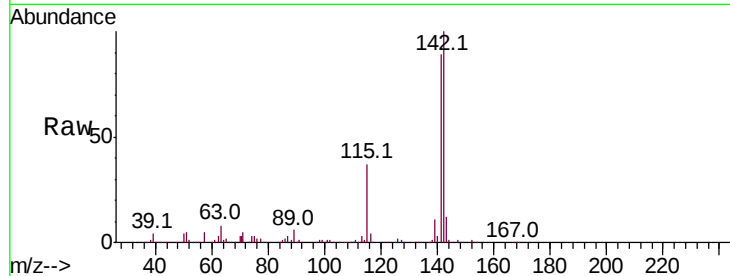
#37
2-Methylnaphthalene
Concen: 50.079 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	36.9	26.1	39.1

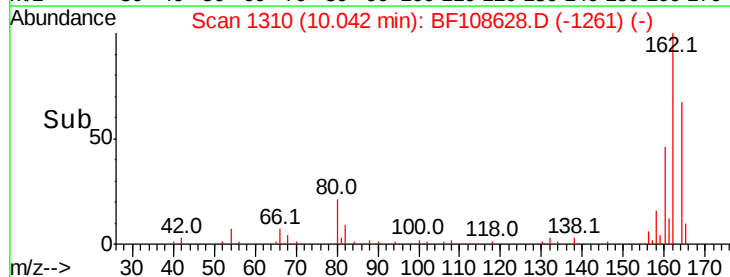
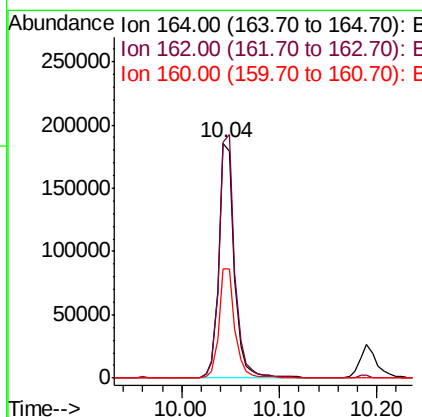
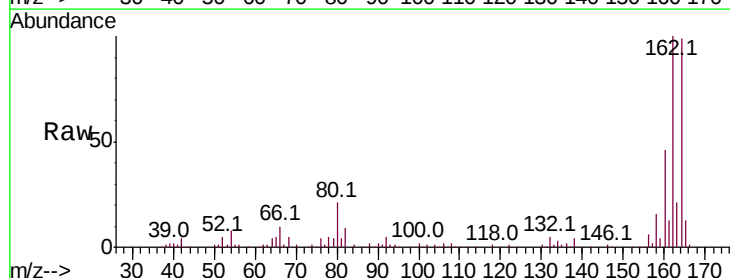
Manual Integrations
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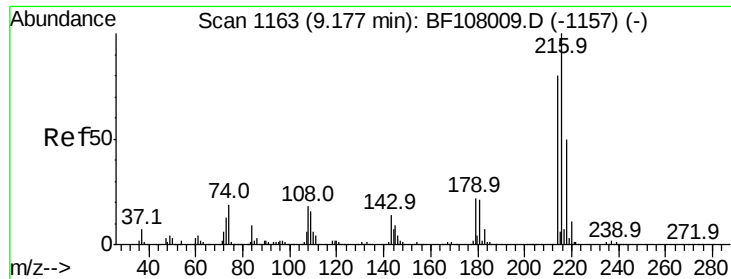
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	46.4	38.3	57.5





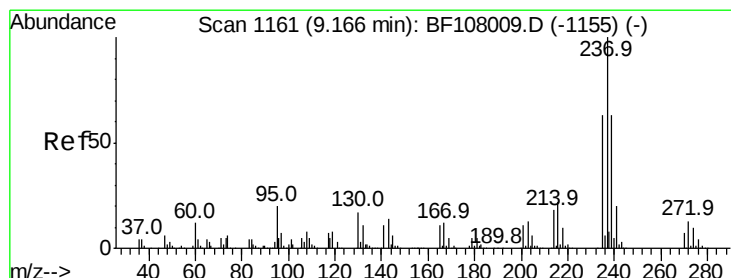
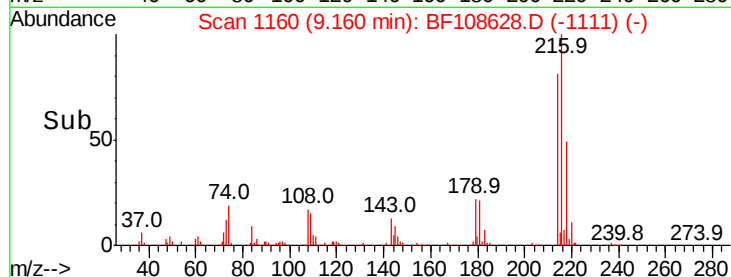
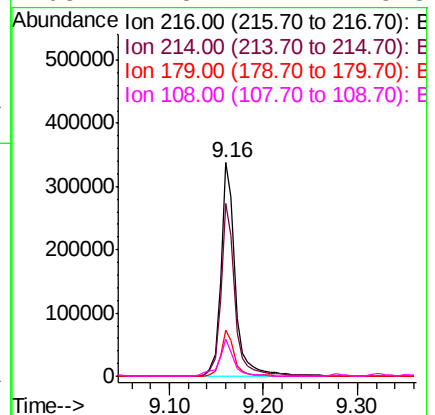
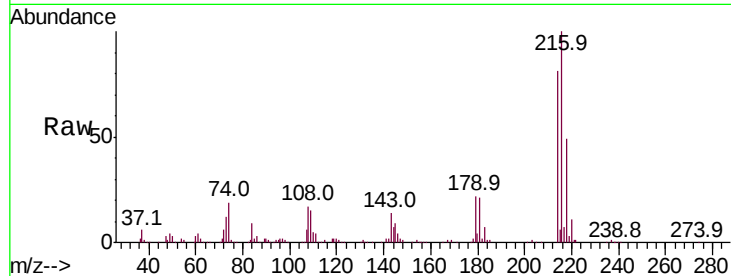
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.960 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.0	94.4	
179	20.6	18.1	27.1	
108	17.8	17.2	25.8	

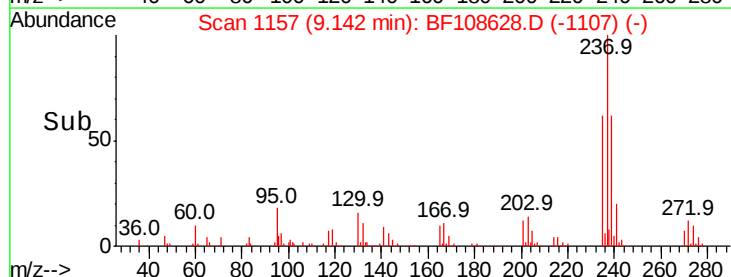
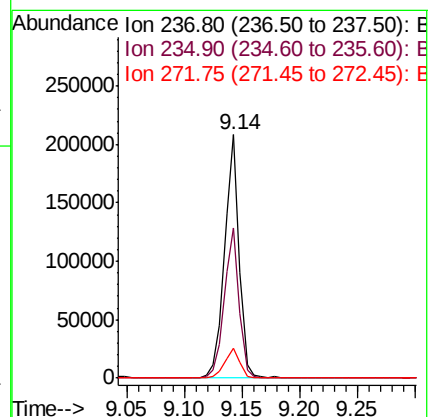
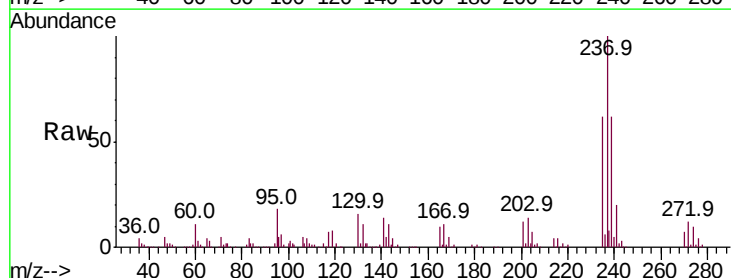
Manual Integrations
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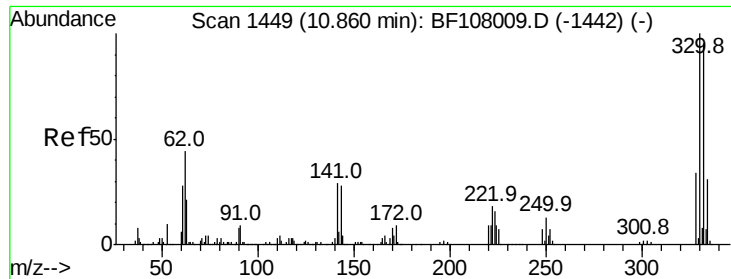
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 44.409 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.9	44.8	84.8	
272	12.5	0.0	33.3	





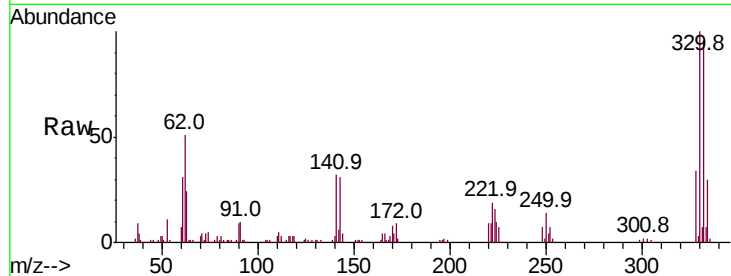
#41
 2,4,6-Tribromophenol
 Concen: 106.801 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221559		
332	95.4	77.0	115.6	
141	31.6	29.9	44.9	

Manual Integrations
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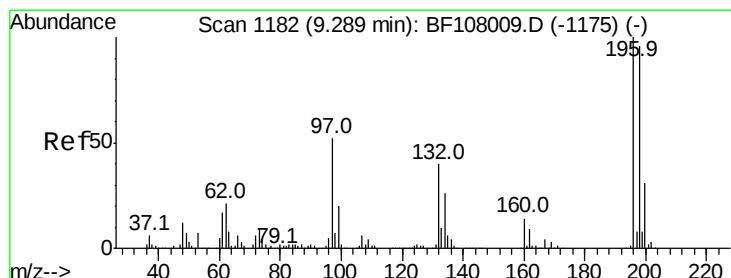
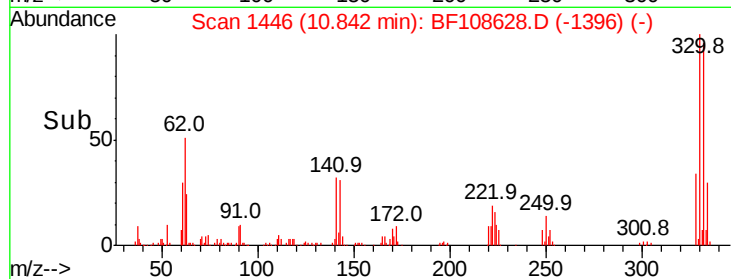
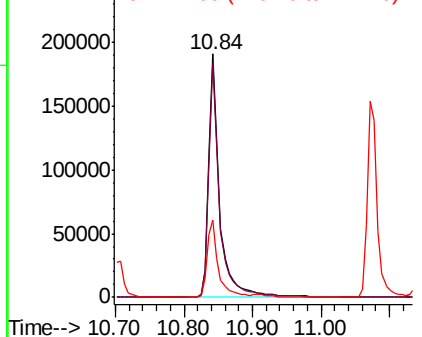


Abundance

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: 53.541 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

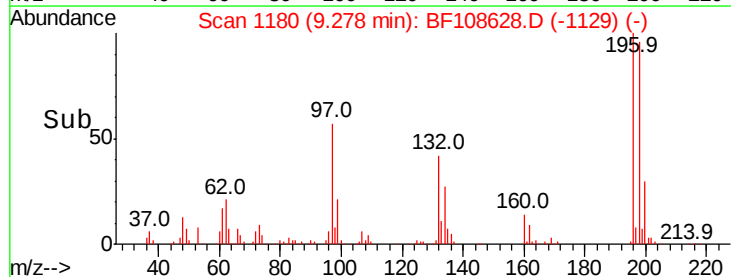
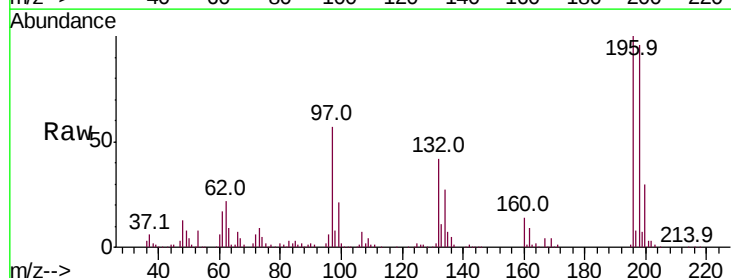
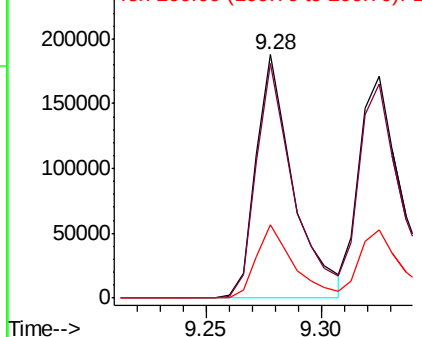
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212199		
198	96.3	75.7	113.5	
200	29.9	24.5	36.7	

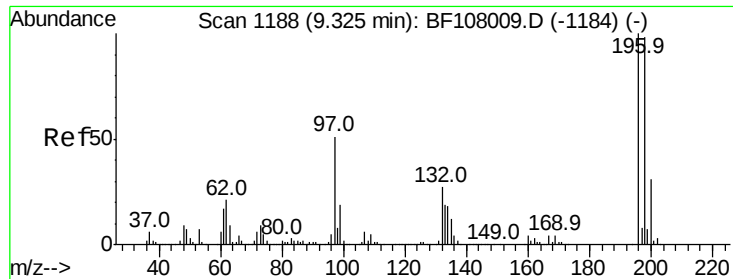
Abundance

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





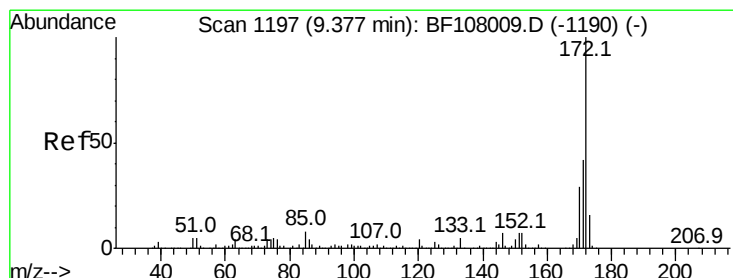
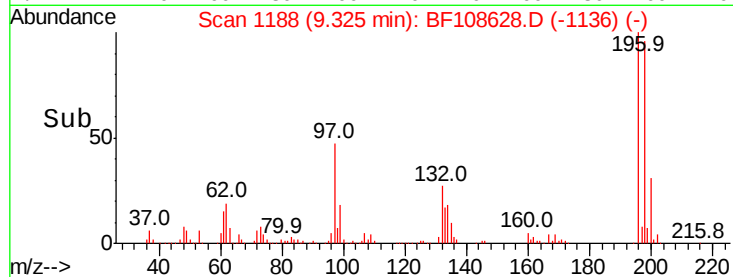
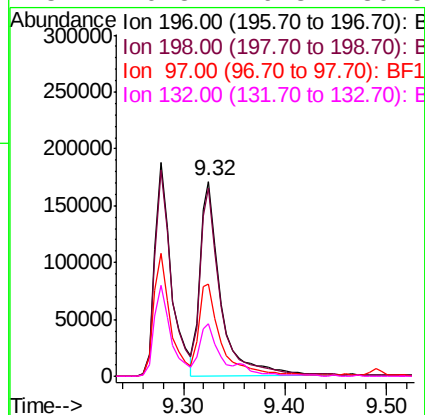
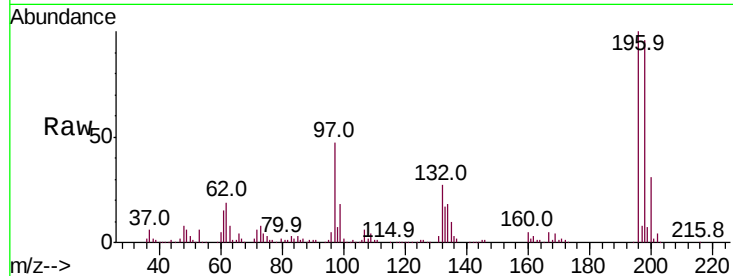
#43
 2,4,5-Trichlorophenol
 Concen: 55.202 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	240839		
198	96.5	74.6	112.0	
97	47.4	42.9	64.3	
132	26.8	26.3	39.5	

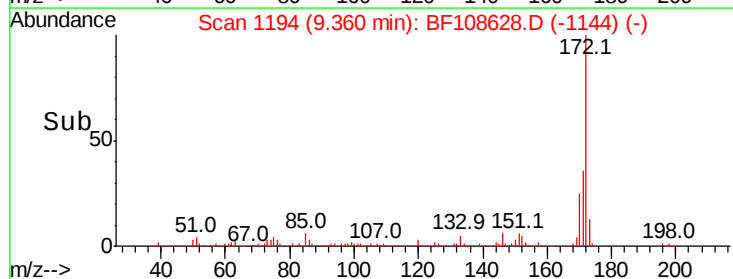
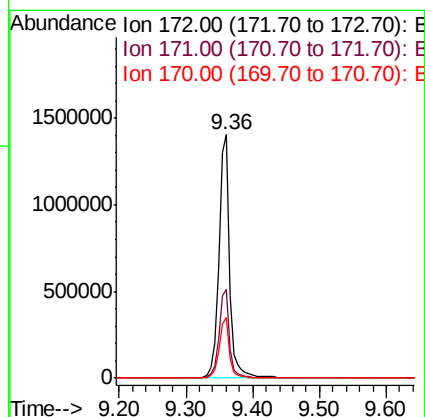
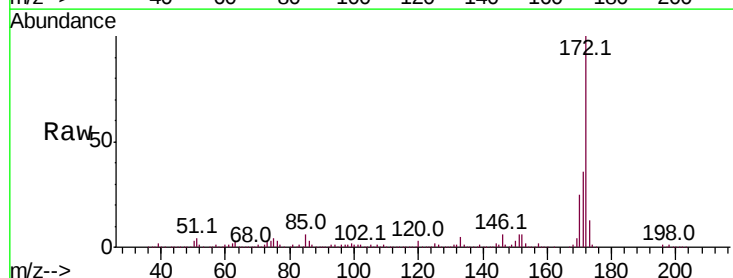
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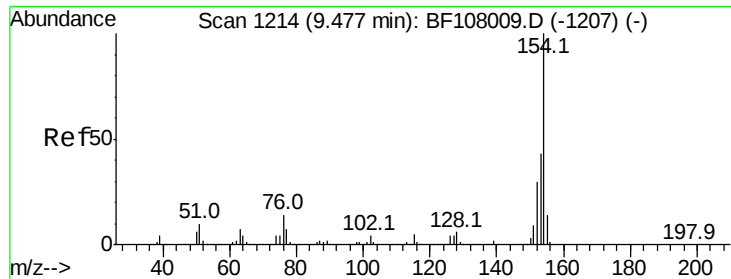
Sohil
 8/30/2018 12:18:43 PM



#44
 2-Fluorobiphenyl
 Concen: 122.360 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1585065		
171	36.5	29.7	44.5	
170	24.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 56.262 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

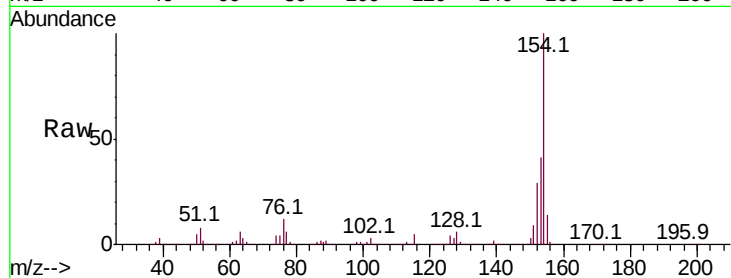
ClientSampleId :

PB112466BS

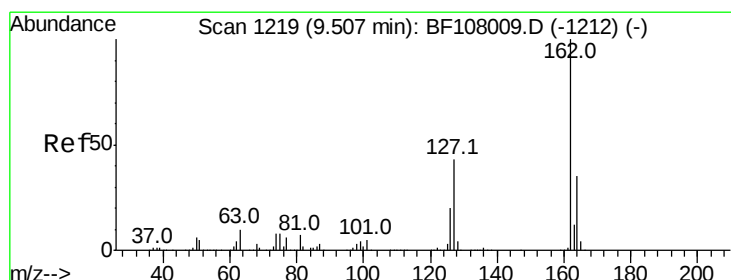
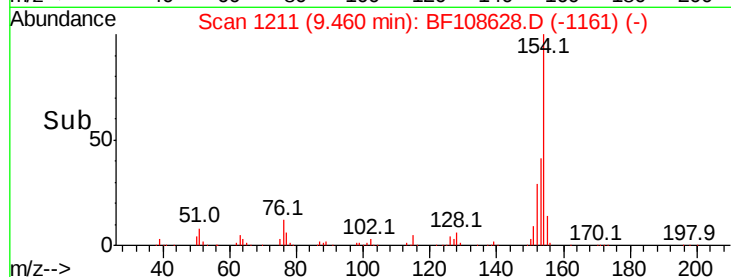
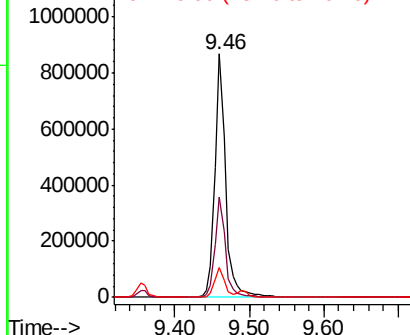
Tot Ion:	154	Resp:	862714
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.1	0.0	34.0

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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: 54.704 ng

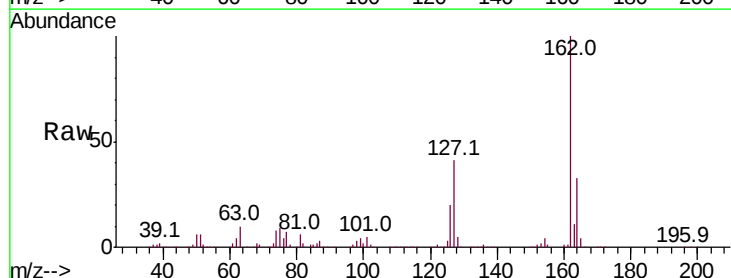
RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

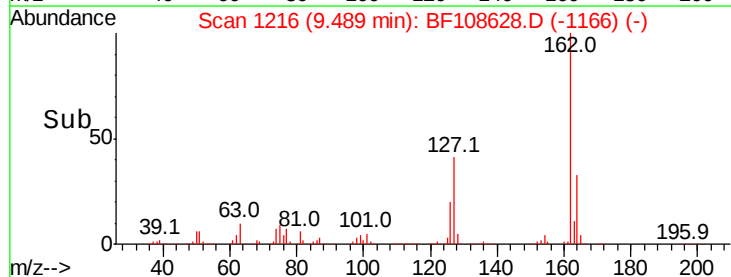
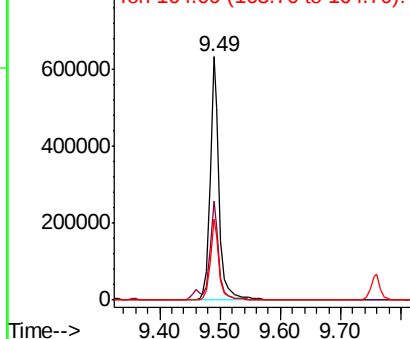
Lab File: BF108628.D

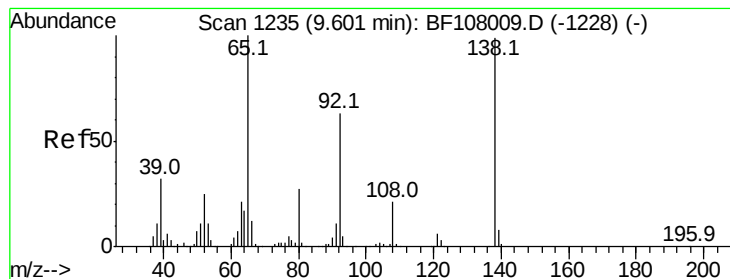
Acq: 30 Aug 2018 3:00

Tgt Ion:	162	Resp:	662981
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	33.4	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: 53.905 ng

RT: 9.59 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

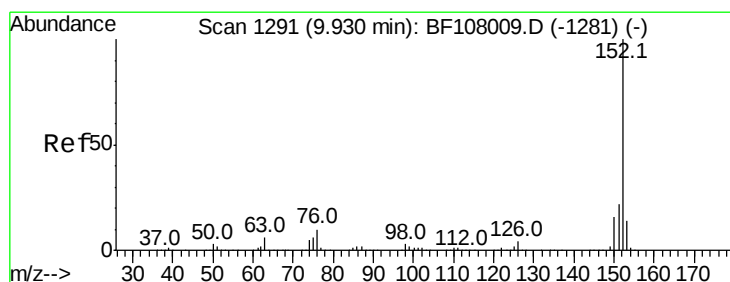
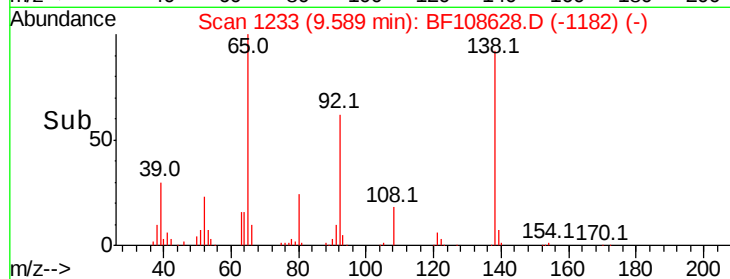
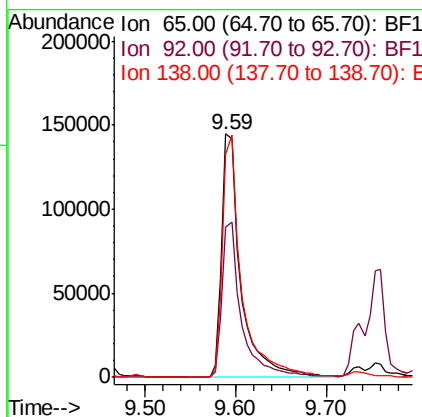
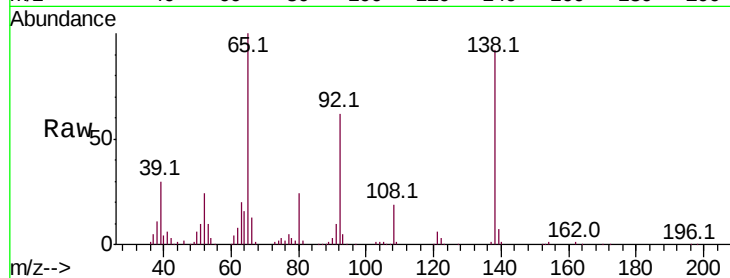
ClientSampleId :

PB112466BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	55.8	83.6
138	91.6	91.2	136.8

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#48

Acenaphthylene

Concen: 53.249 ng

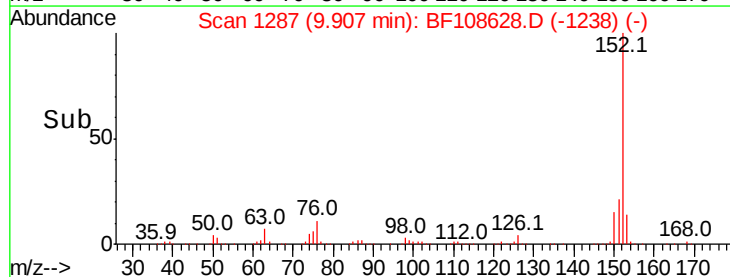
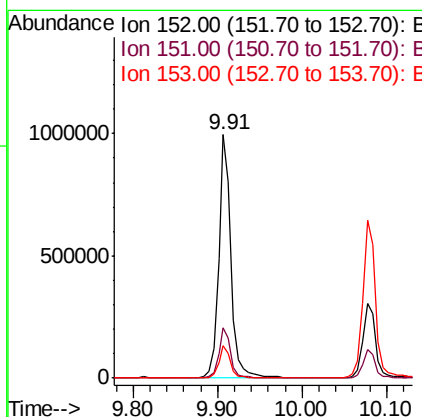
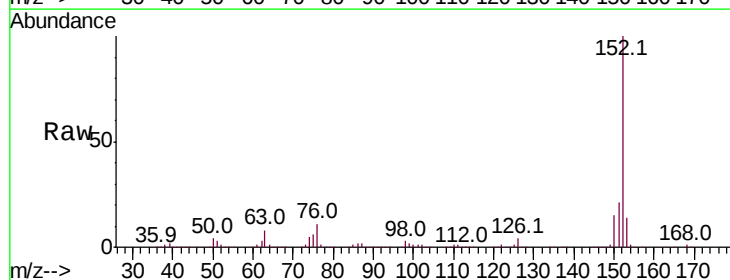
RT: 9.91 min Scan# 1287

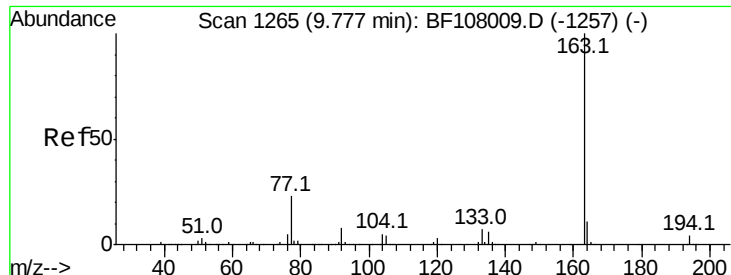
Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.5	10.7	16.1





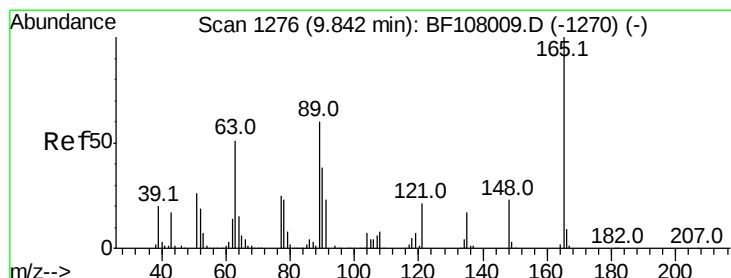
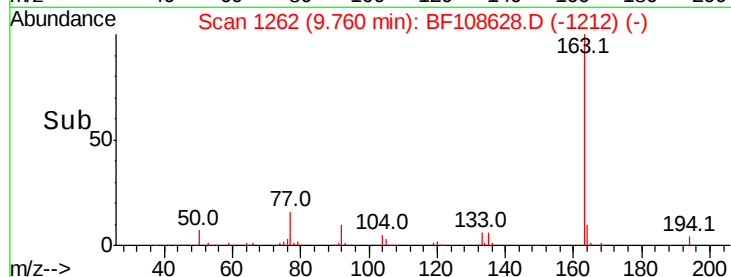
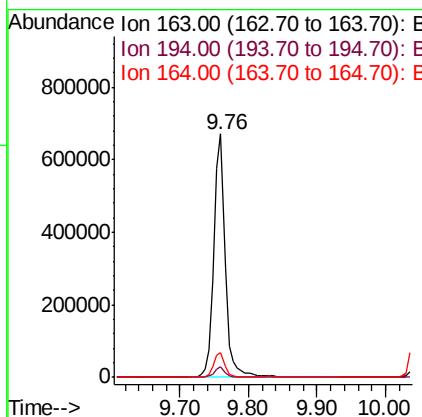
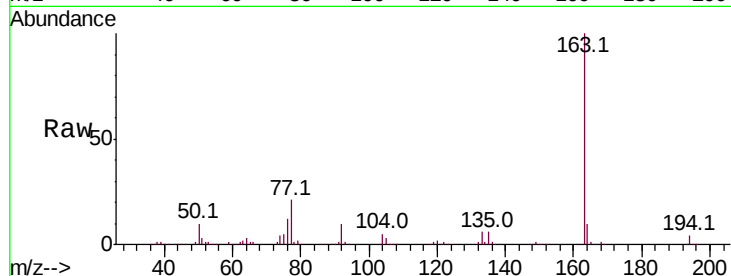
#49
Dimethylphthalate
Concen: 53.022 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.2	8.2	12.2	

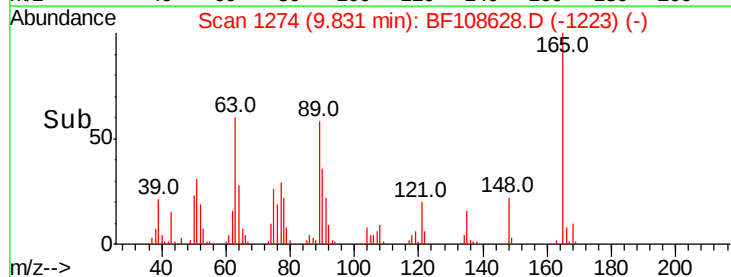
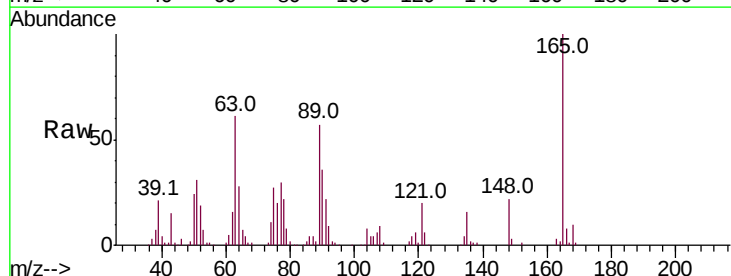
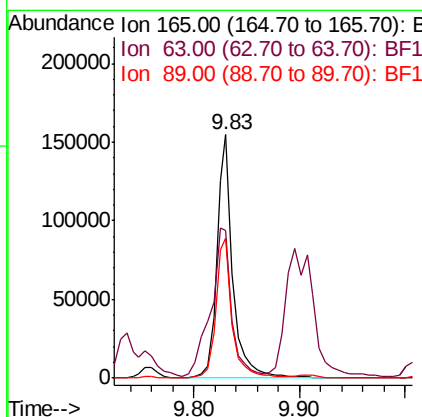
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 54.263 ng
RT: 9.83 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.6	44.7	67.1	
89	57.4	44.0	66.0	





#51

Acenaphthene

Concen: 47.906 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tot Ion:154 Resp: 562196

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

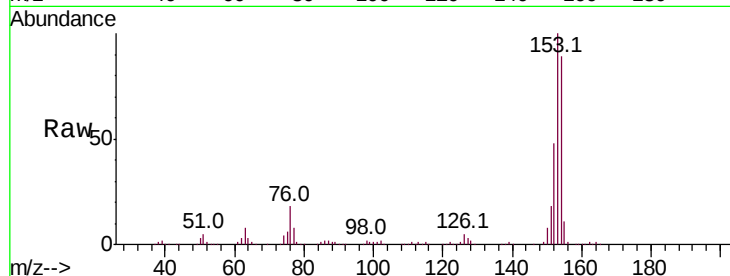
152 53.7 43.8 65.8

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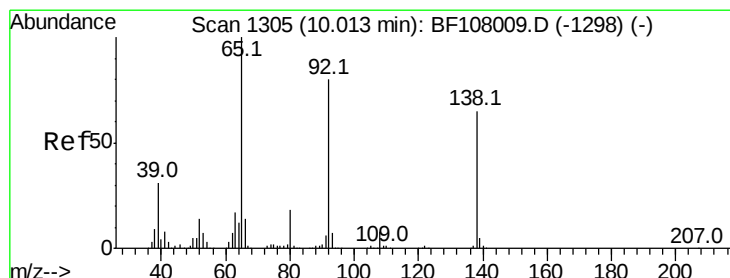
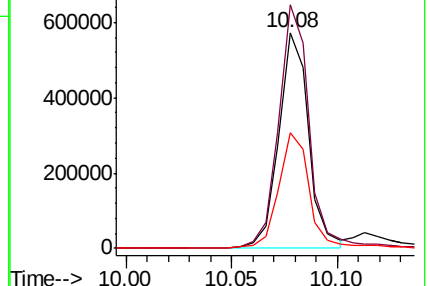
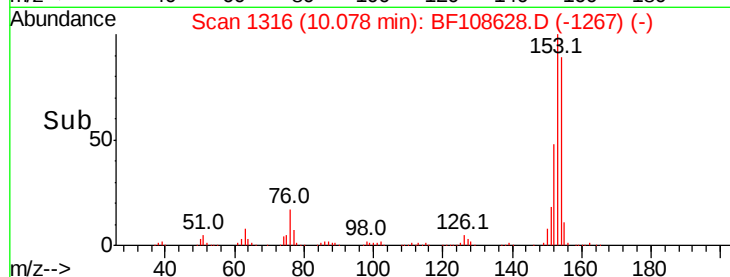
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.449 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

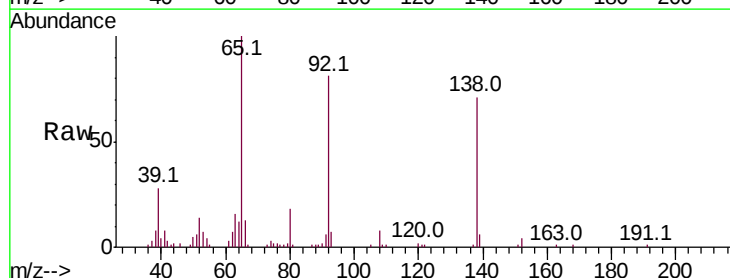
Tgt Ion:138 Resp: 71131

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

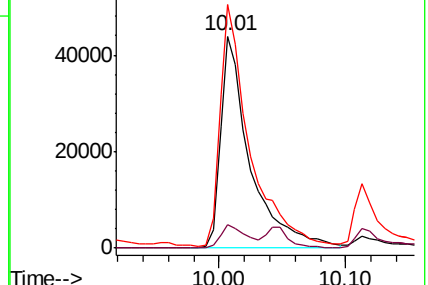
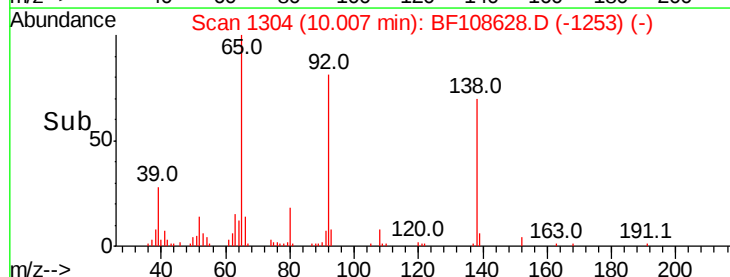
92 114.7 89.4 134.2

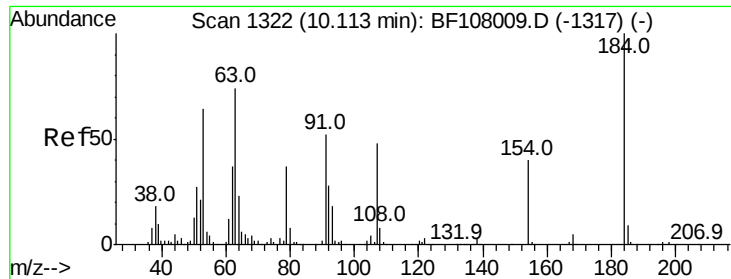


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





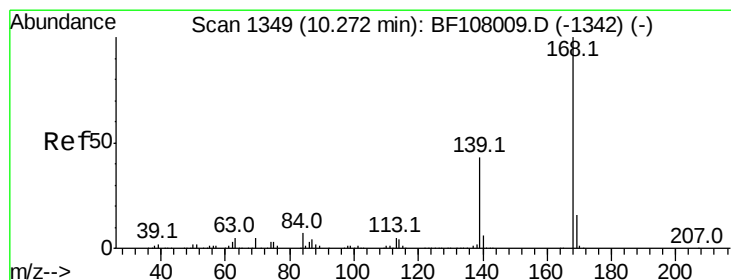
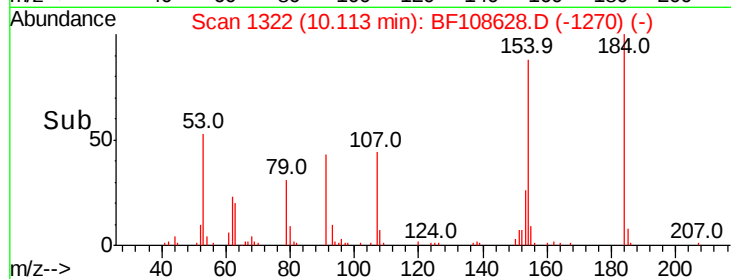
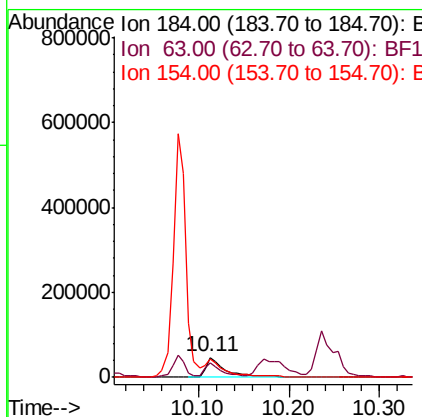
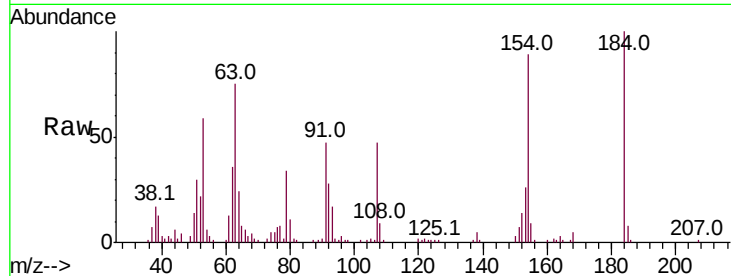
#53
 2,4-Dinitrophenol
 Concen: 65.900 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.8	54.2	81.2
154	88.6	184.0	276.0#

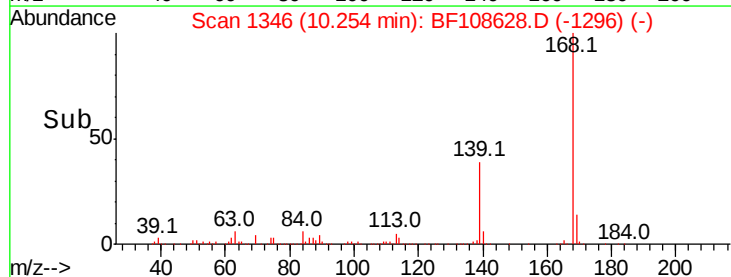
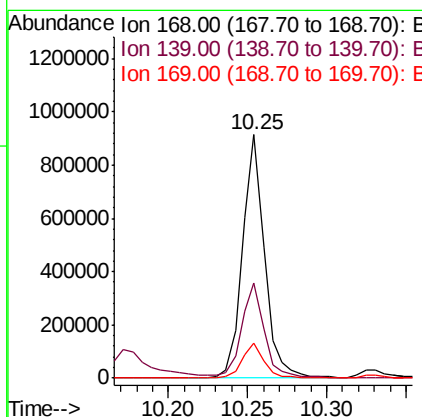
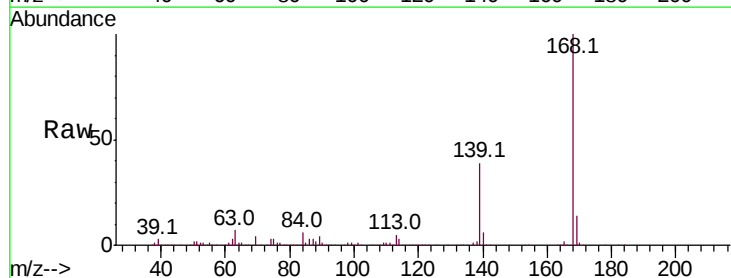
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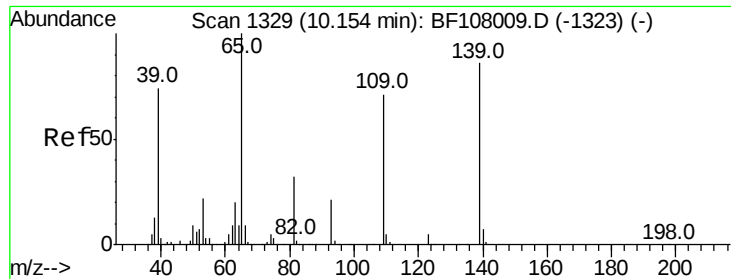
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#54
 Dibenzofuran
 Concen: 51.688 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	14.3	10.9	16.3





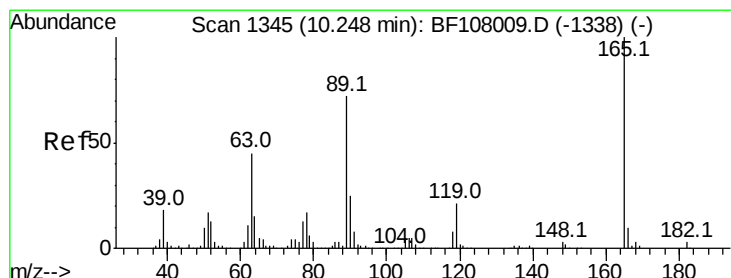
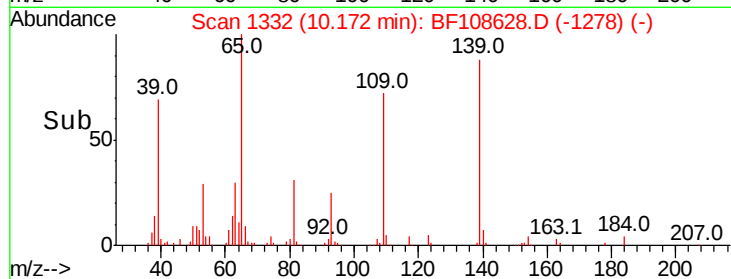
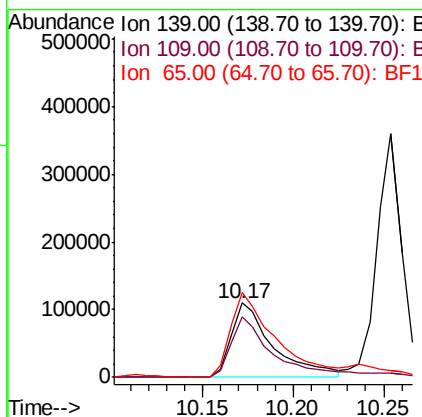
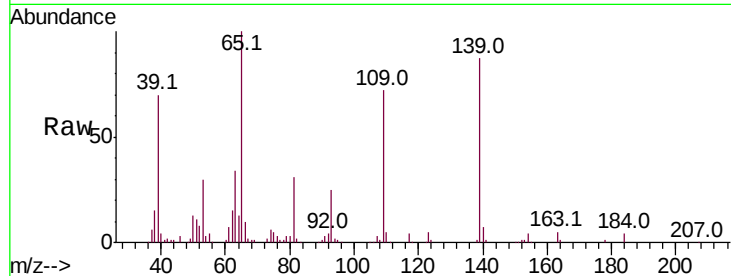
#55
4-Nitrophenol
Concen: 70.106 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.2	48.4	88.4	
65	114.8	72.6	112.6	

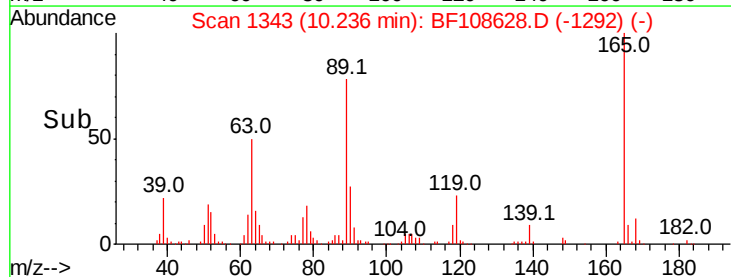
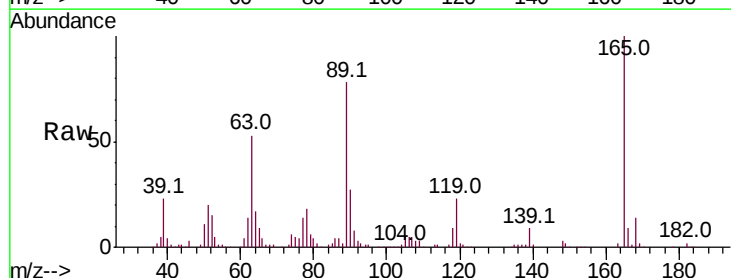
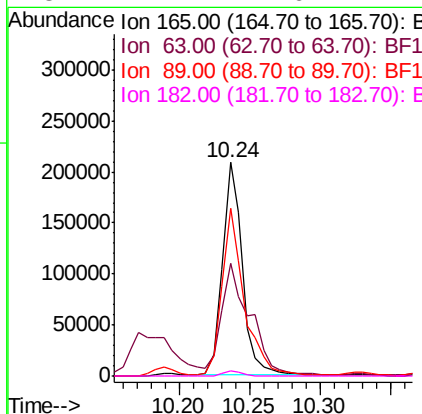
Manual Integrations
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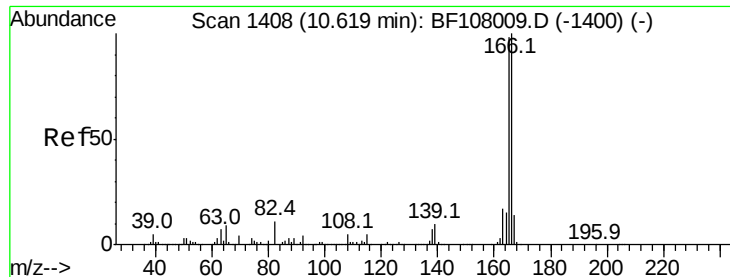
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#56
2,4-Dinitrotoluene
Concen: 52.600 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.6	36.4	54.6	
89	78.3	57.8	86.6	
182	2.4	1.6	2.4	





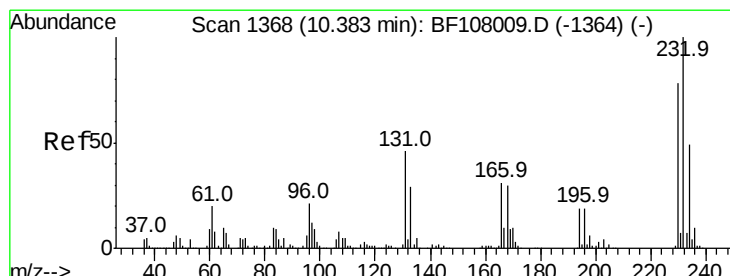
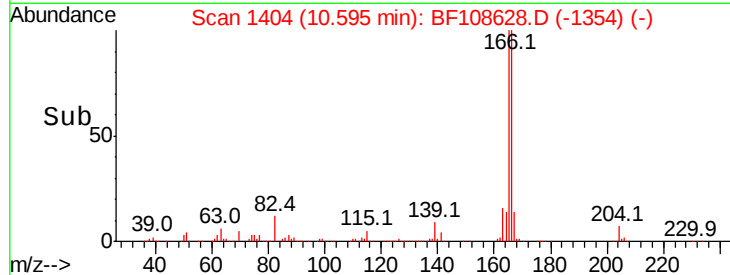
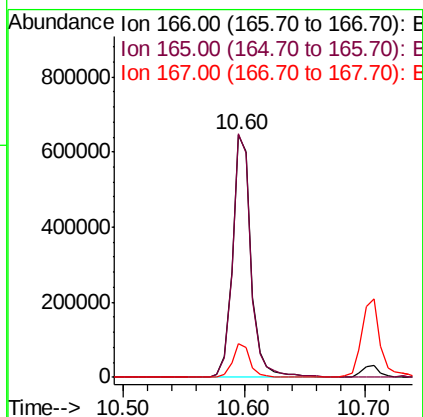
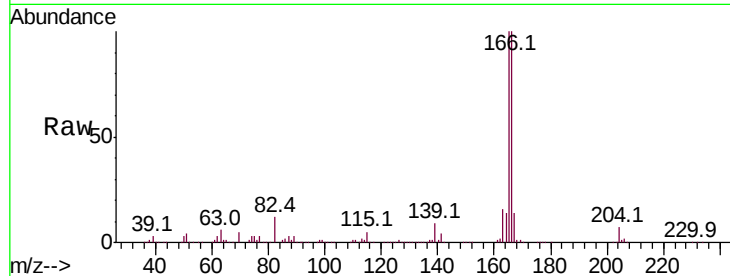
#57
 Fluorene
 Concen: 51.332 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.9	10.6	16.0

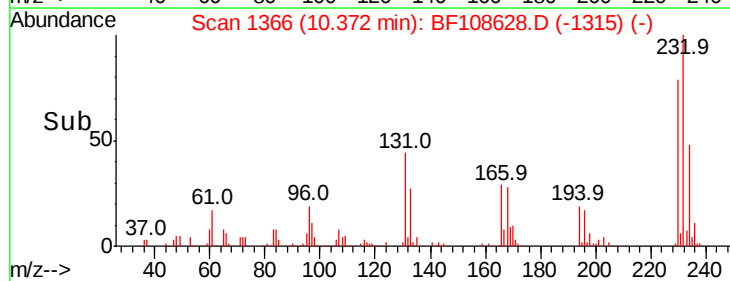
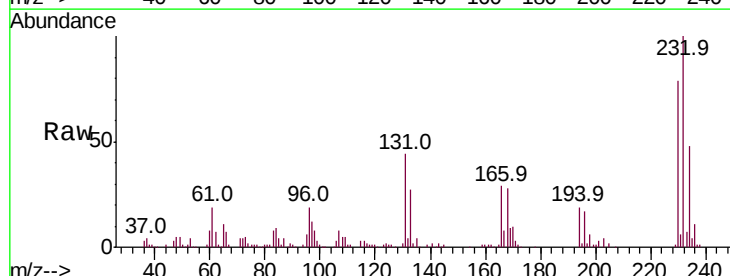
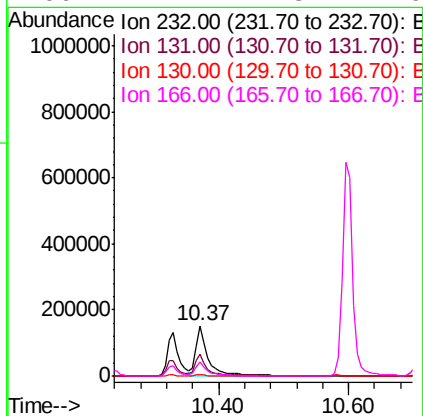
Manual Integrations
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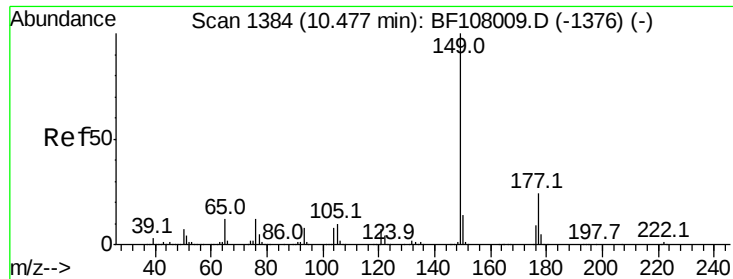
Sohil
 8/30/2018 12:18:43 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.054 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.0	43.8	65.8#
130	2.1	2.1	3.1
166	24.7	27.8	41.6#





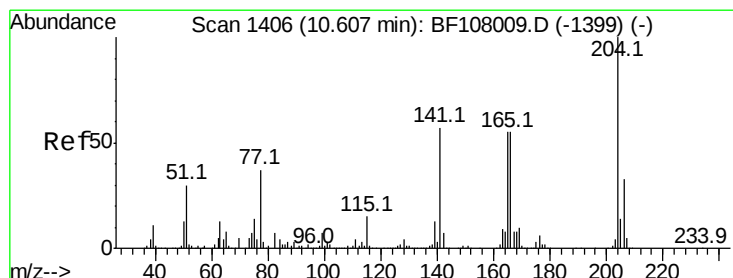
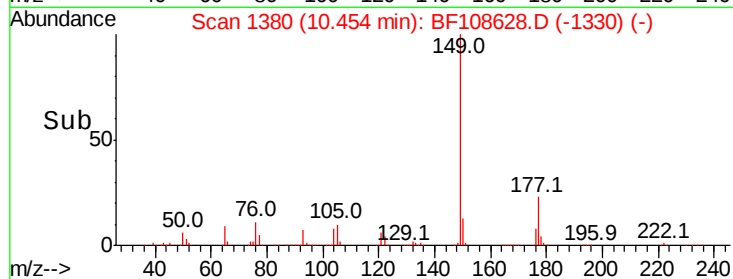
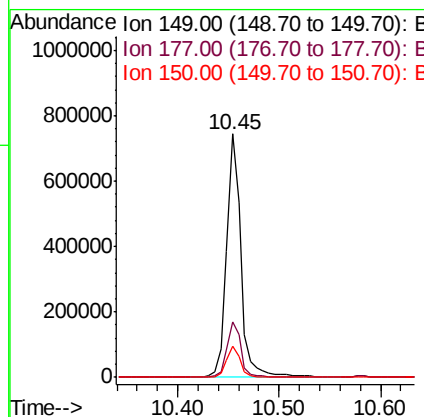
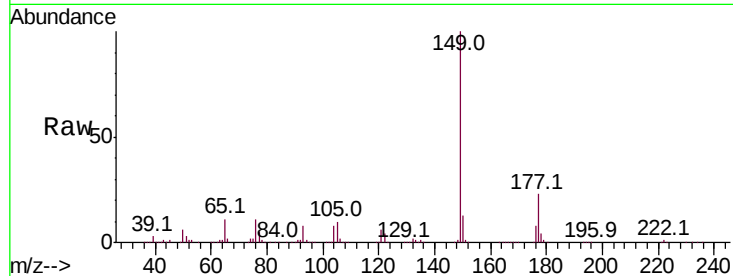
#59
 Diethylphthalate
 Concen: 51.933 ng
 RT: 10.45 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleID :
 PB112466BS

Tot Ion:	149	Resp:	728543
Ion Ratio	Lower	Upper	
149	100		
177	22.6	16.1	24.1
150	13.0	10.1	15.1

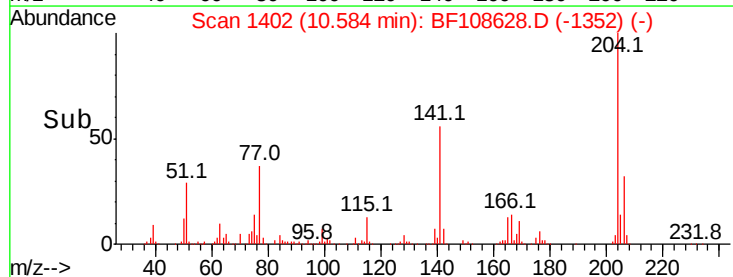
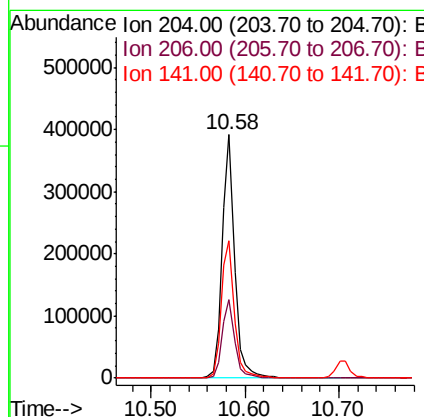
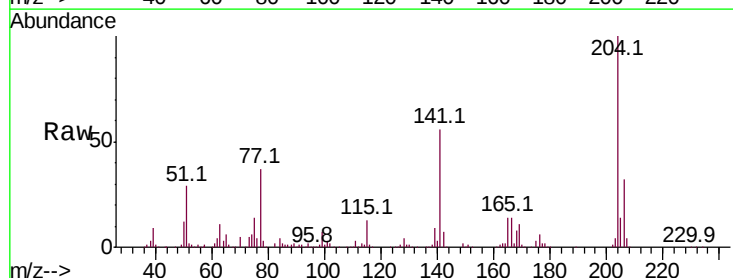
Manual Integrations
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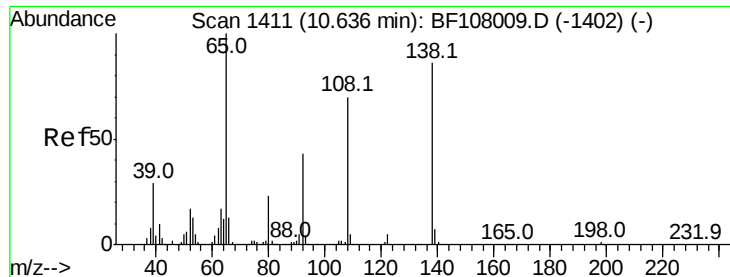
Sohil
 8/30/2018 12:18:43 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 51.763 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion:	204	Resp:	363021
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	56.5	54.6	81.8





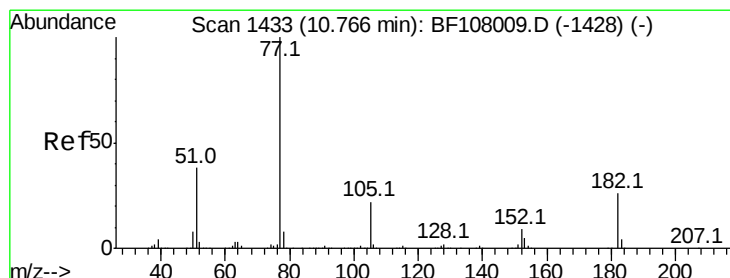
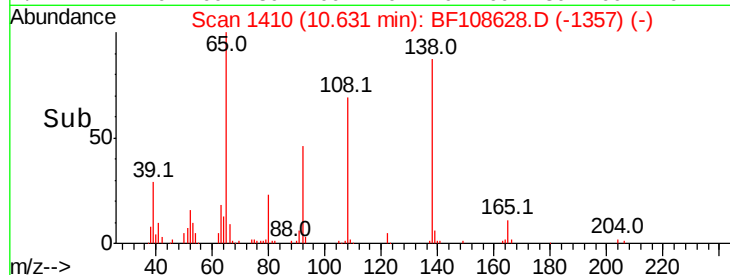
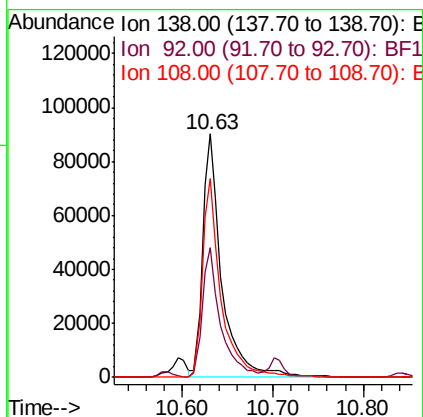
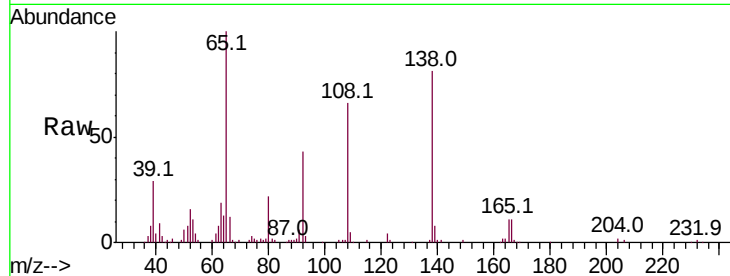
#61
4-Nitroaniline
Concen: 40.884 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.1	30.2	70.2
108	81.5	52.5	92.5

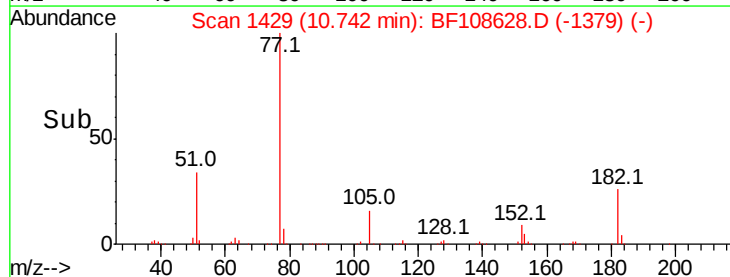
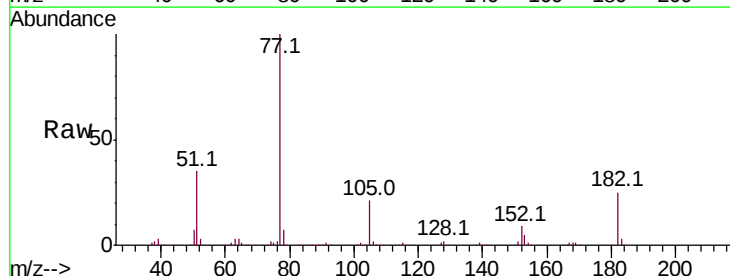
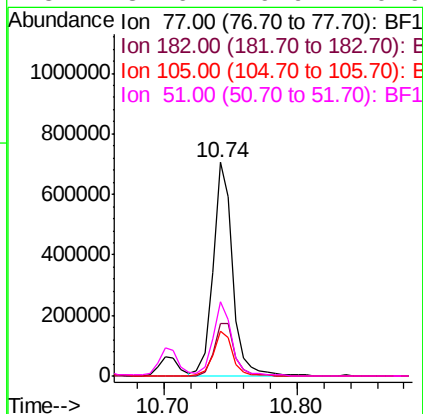
Manual Integrations
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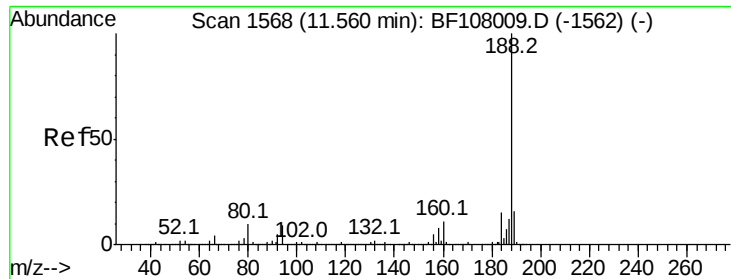
Sohil
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#62
Azobenzene
Concen: 49.535 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	1.7	41.7
105	20.9	3.0	43.0
51	34.6	9.9	49.9





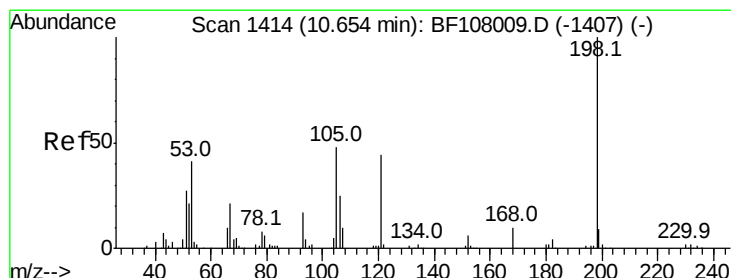
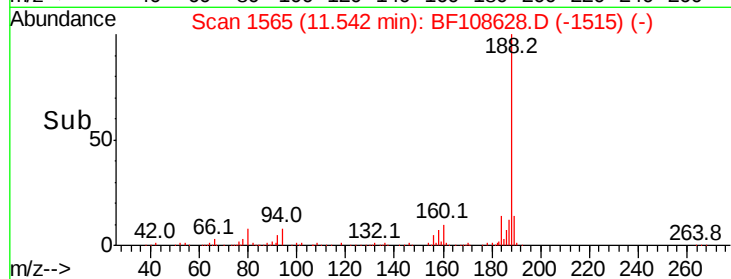
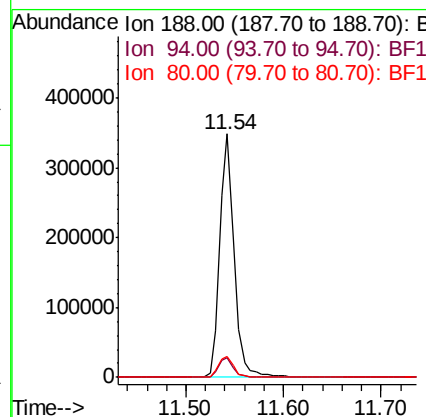
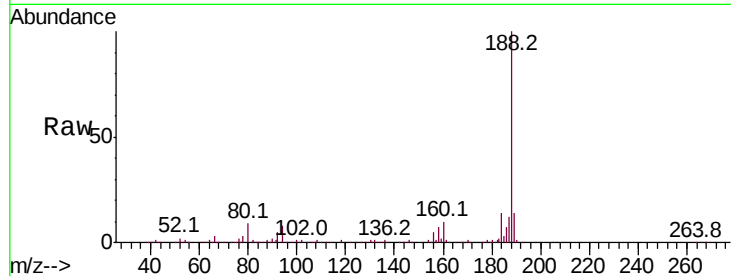
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.6	9.2	13.8#

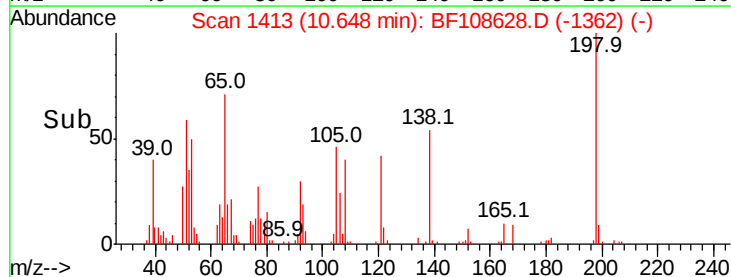
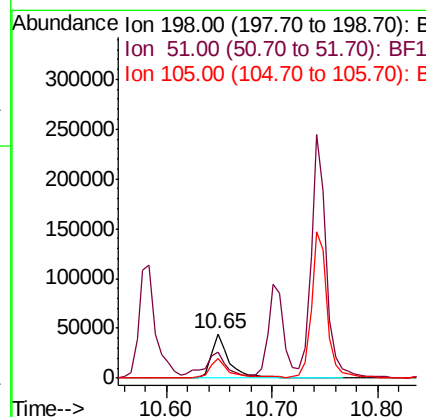
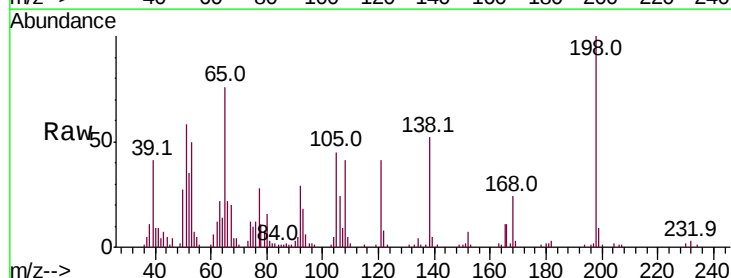
Manual Integrations
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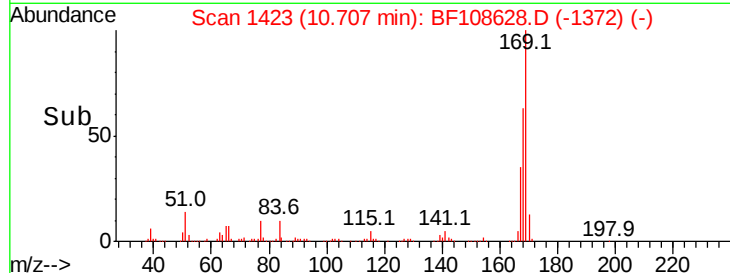
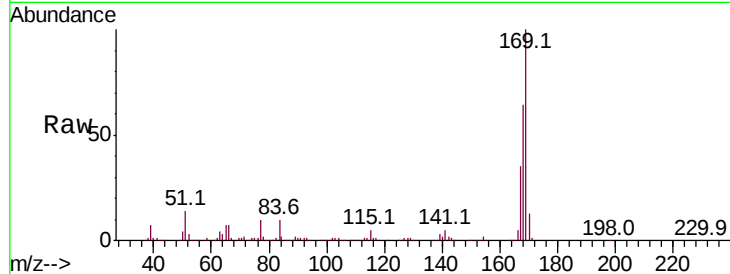
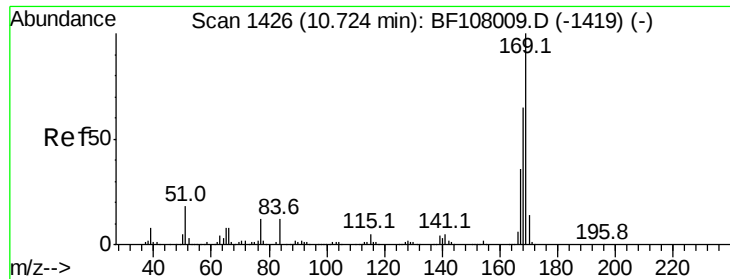
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.063 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.3	37.7	77.7
105	44.6	36.3	76.3





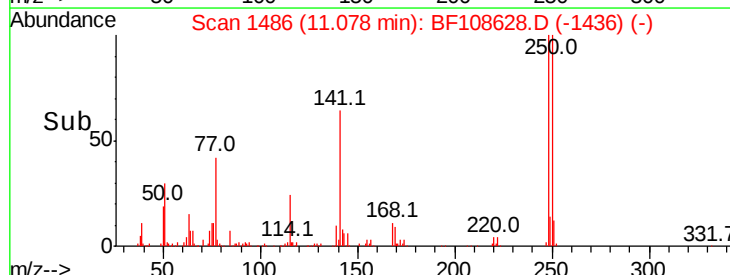
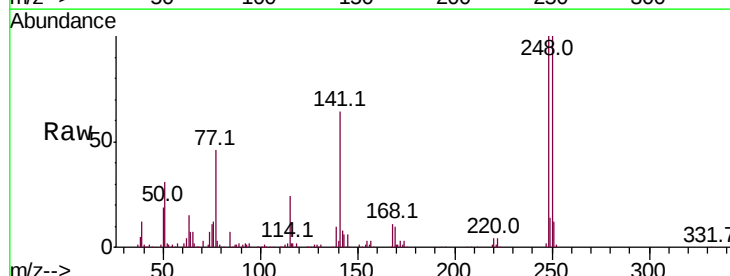
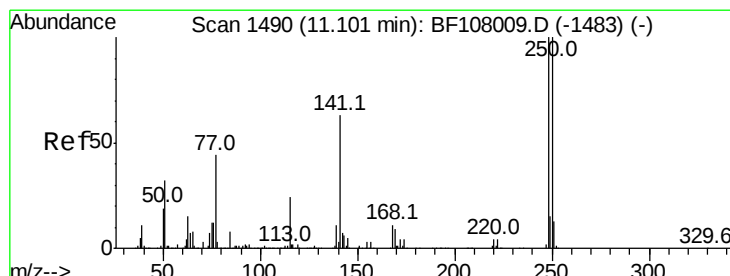
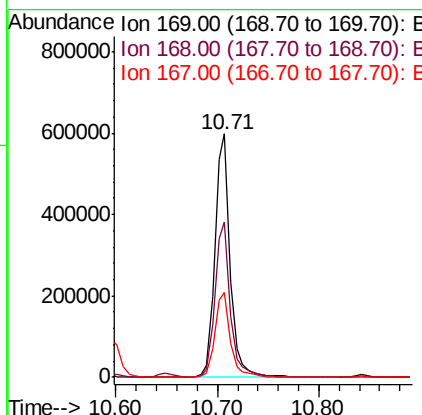
#65
n-Nitrosodiphenylamine
Concen: 59.034 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	620134		
168	63.9		54.4	81.6
167	35.1		29.8	44.6

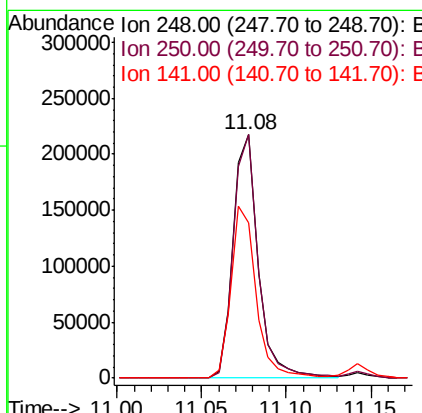
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 58.158 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	224672		
250	99.9		76.9	115.3
141	63.7		74.4	111.6#





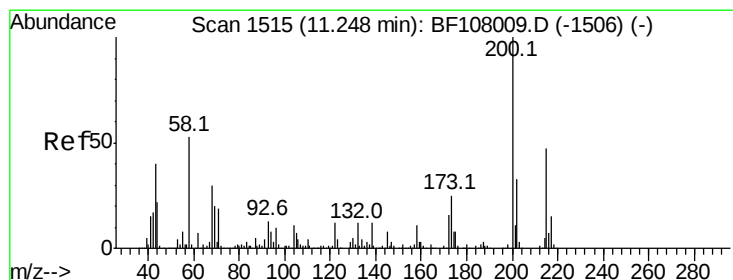
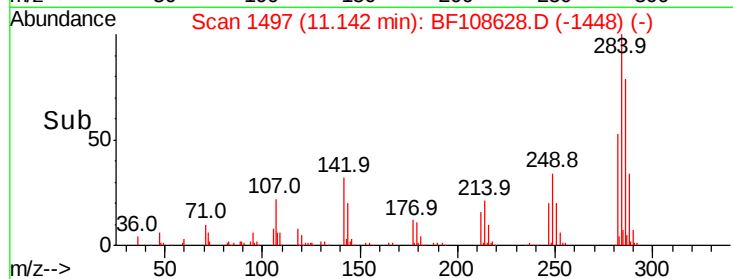
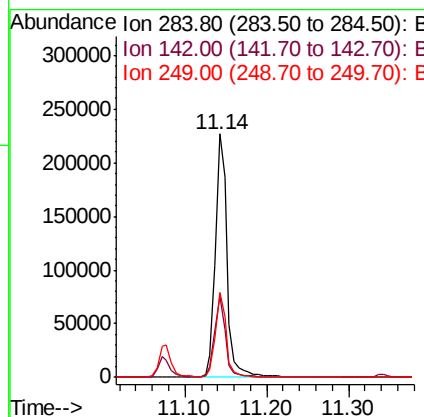
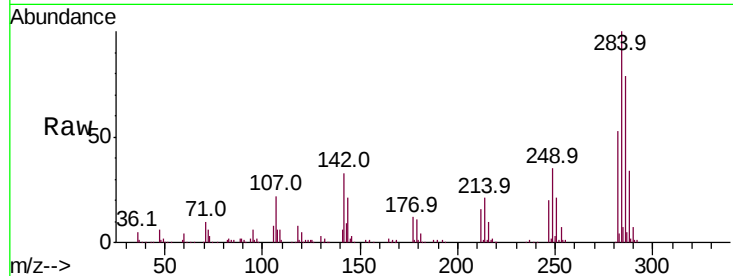
#67
Hexachlorobenzene
Concen: 55.734 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.4	34.6	52.0	
249	34.9	24.8	37.2	

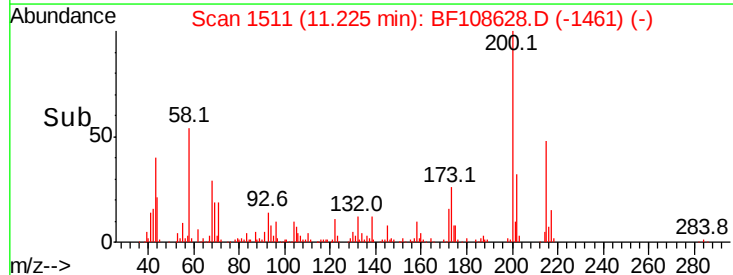
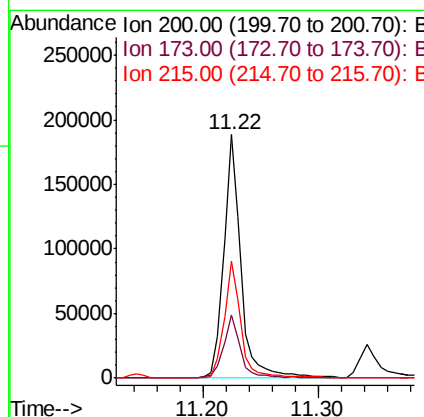
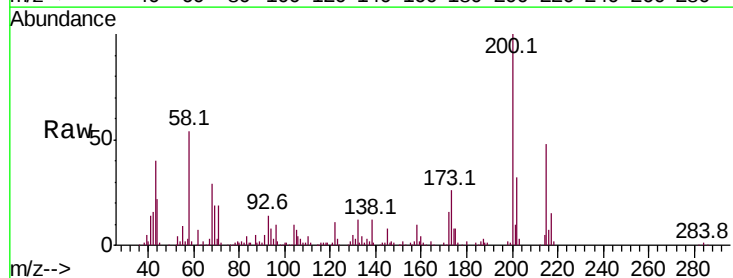
Manual Integrations
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#68
Atrazine
Concen: 55.327 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.0	8.6	48.6	
215	48.2	25.1	65.1	





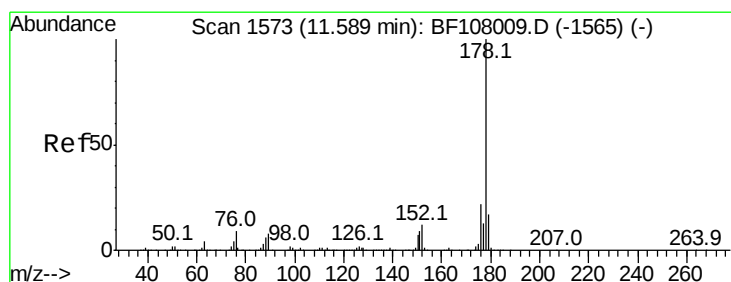
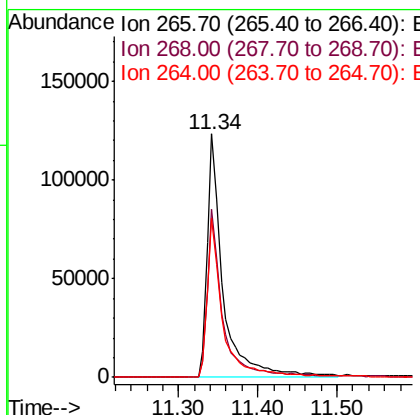
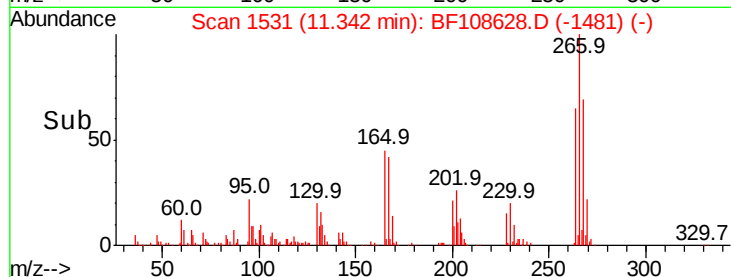
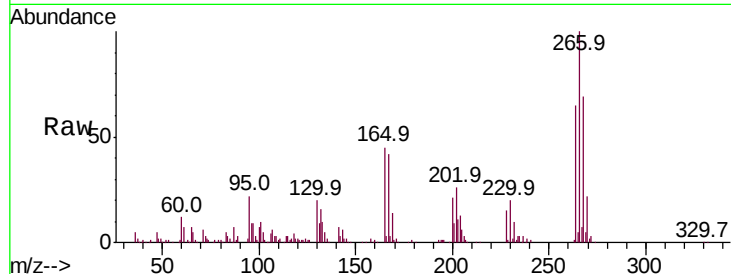
#69
 Pentachlorophenol
 Concen: 88.934 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	173020		
268	68.9	51.1	76.7	
264	65.2	49.5	74.3	

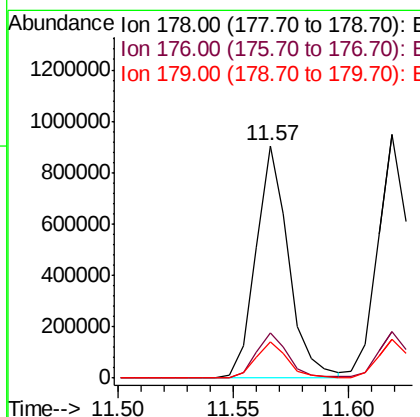
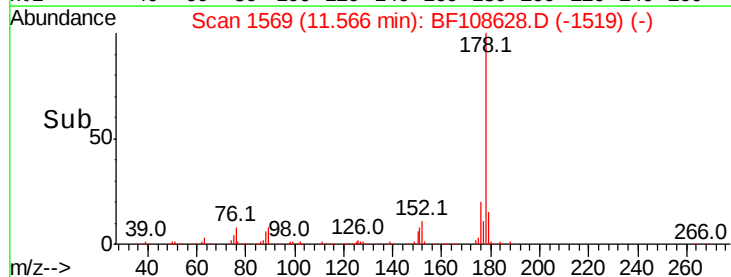
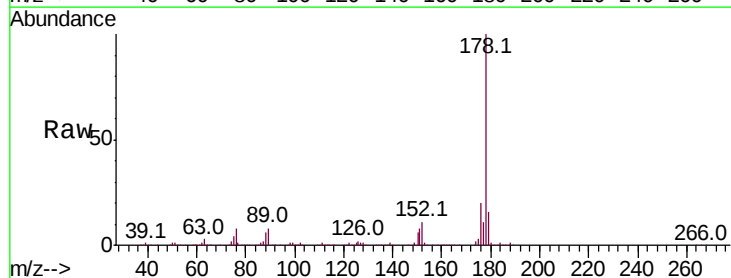
Manual Integrations
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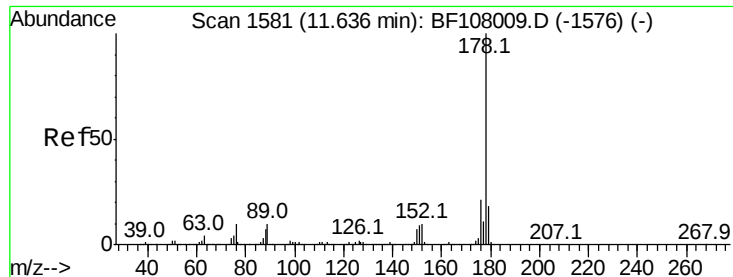
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#70
 Phenanthrene
 Concen: 53.287 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	893448		
176	19.5	15.8	23.8	
179	15.6	13.0	19.6	





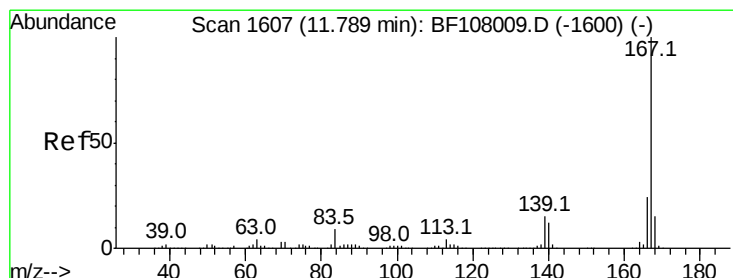
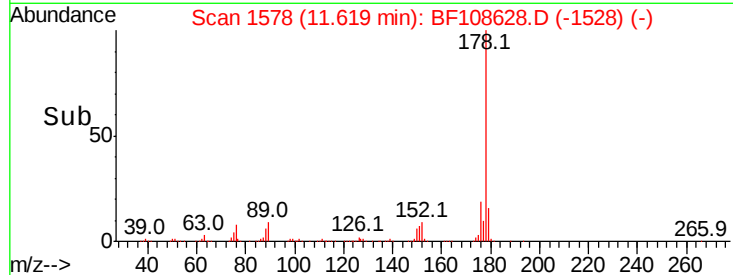
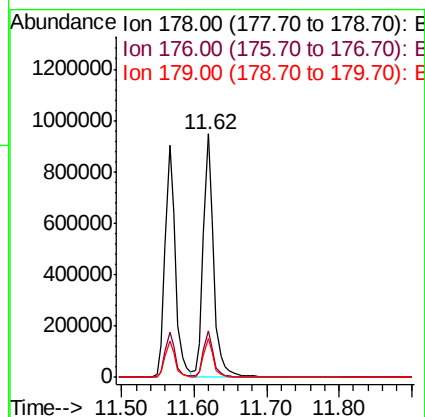
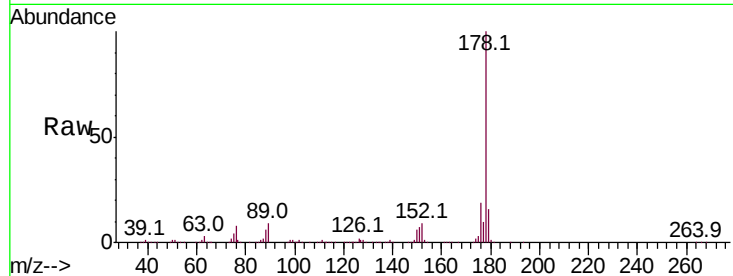
#71
 Anthracene
 Concen: 55.299 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

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

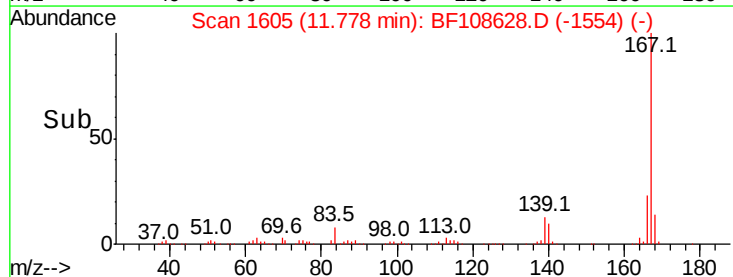
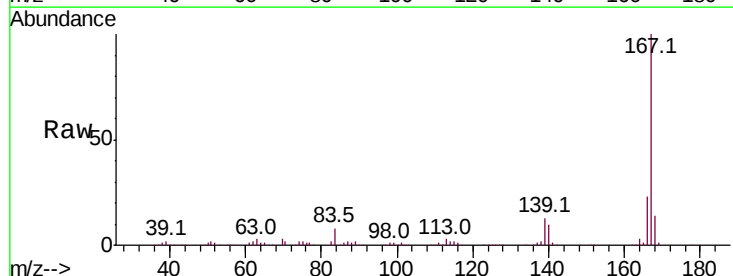
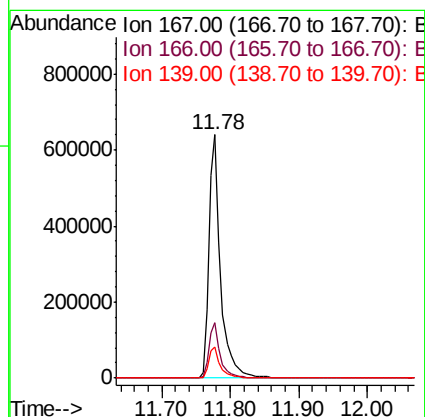
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#72
 Carbazole
 Concen: 50.039 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	12.8	10.9	16.3





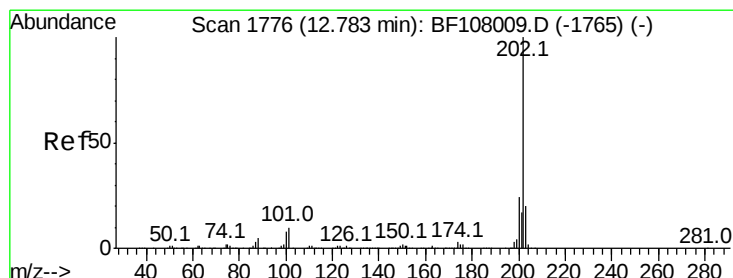
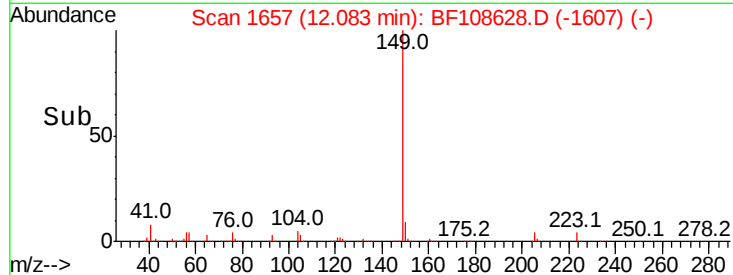
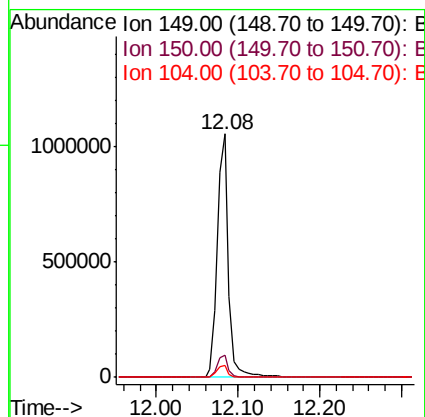
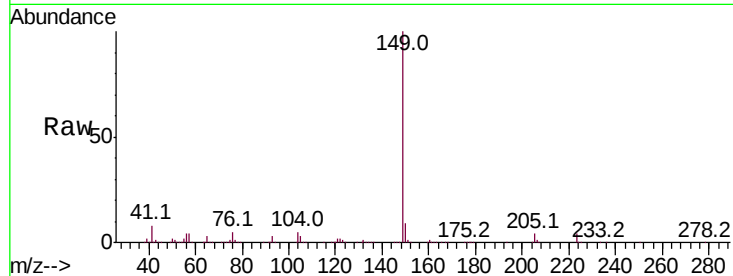
#73
Di-n-butylphthalate
Concen: 58.019 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampled :
PB112466BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.0	3.8	5.8

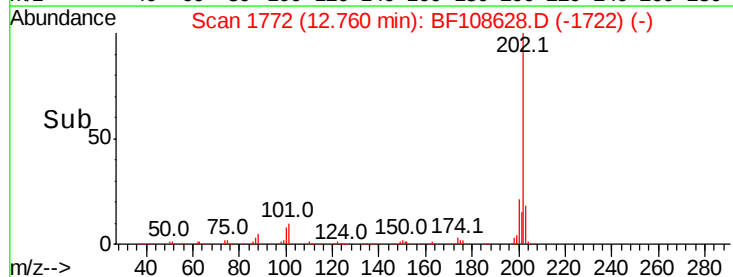
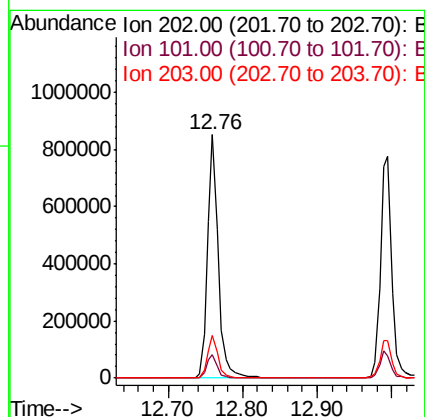
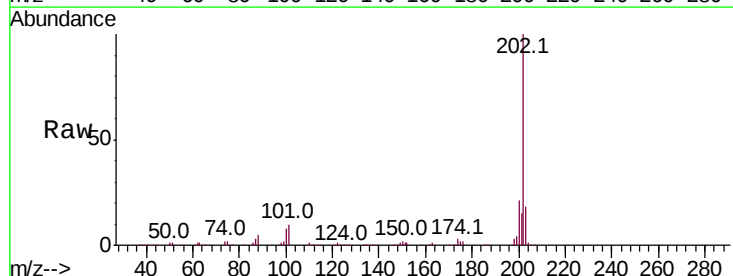
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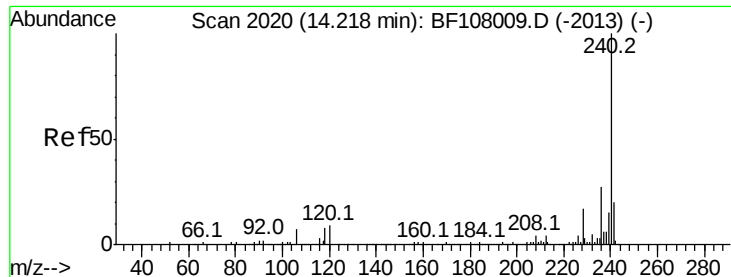
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#74
Fluoranthene
Concen: 46.975 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

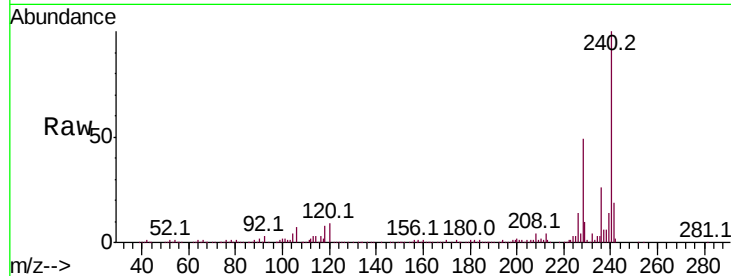
ClientSampleId :

PB112466BS

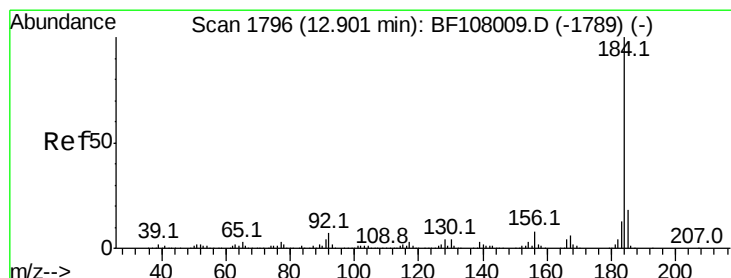
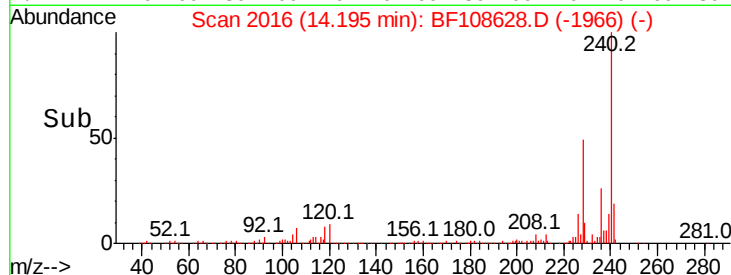
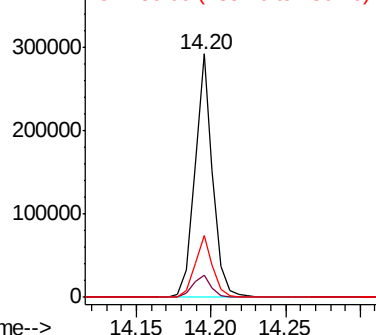
Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	9.5	14.3#
236	25.6	20.7	31.1

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



#76

Benzidine

Concen: 27.938 ng

RT: 12.88 min Scan# 1793

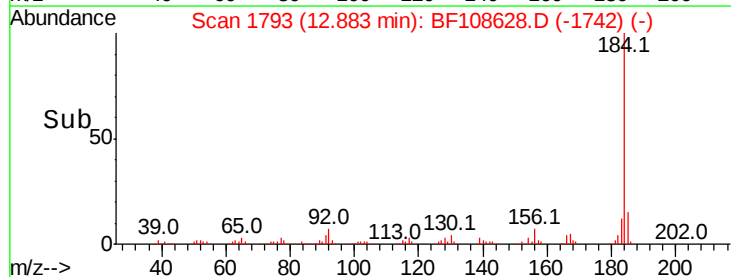
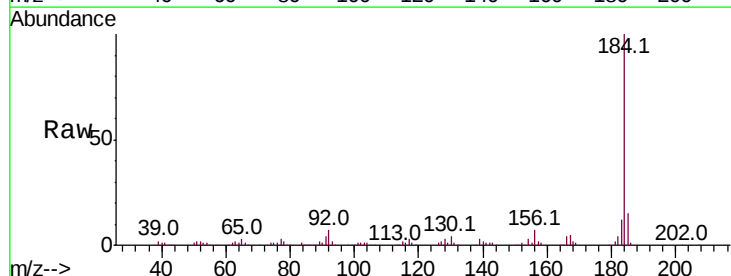
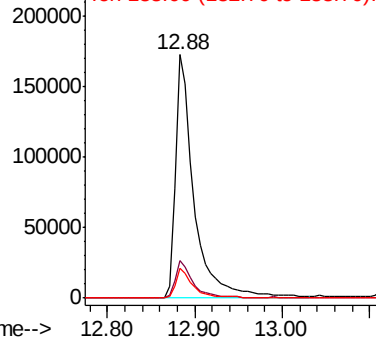
Delta R.T. 0.00 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.5	12.6	18.8
183	12.2	9.3	13.9

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





#77

Pvrene

Concen: 54.082 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

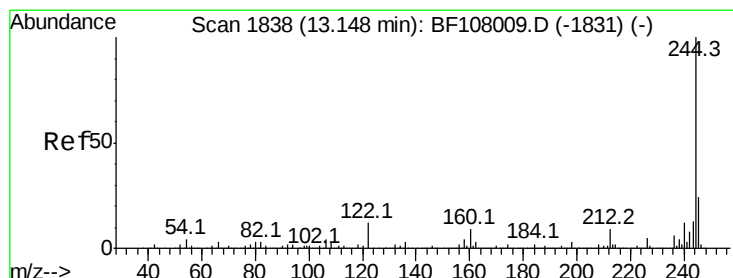
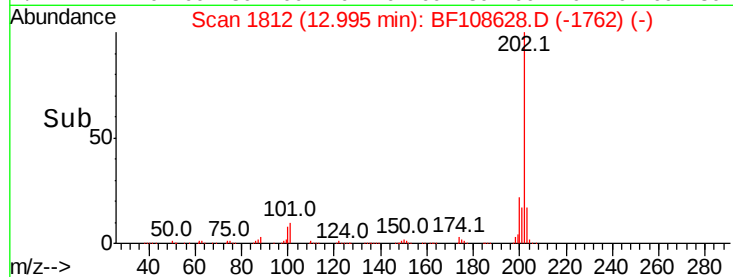
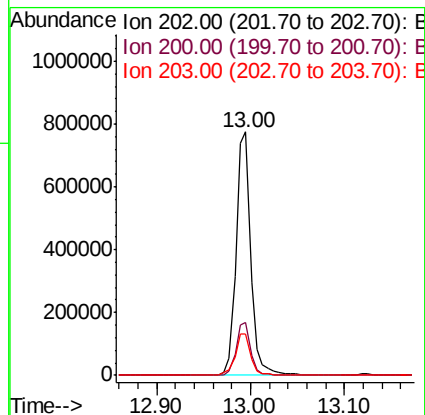
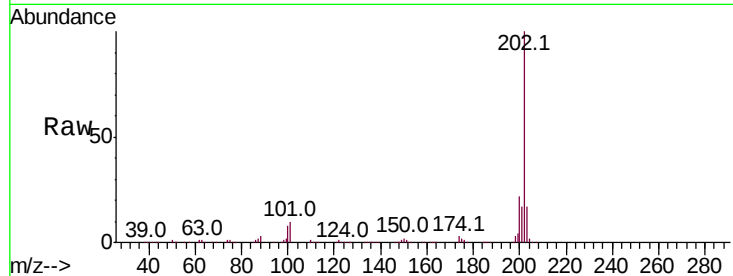
ClientSampled :

PB112466BS

Tot Ion:	202	Resp:	841124
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 120.453 ng

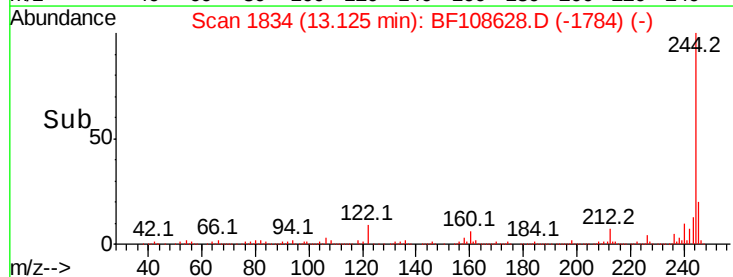
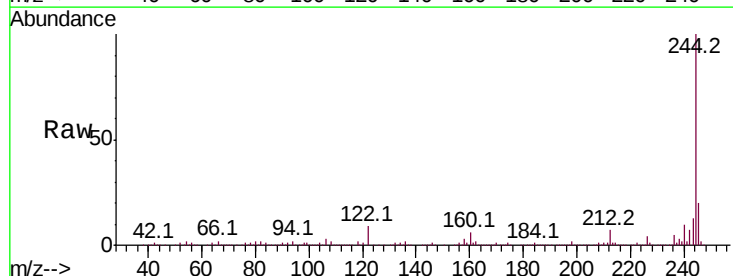
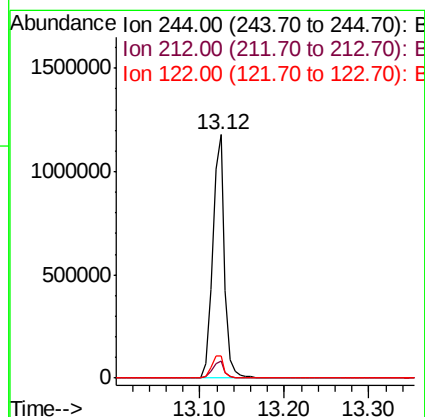
RT: 13.12 min Scan# 1834

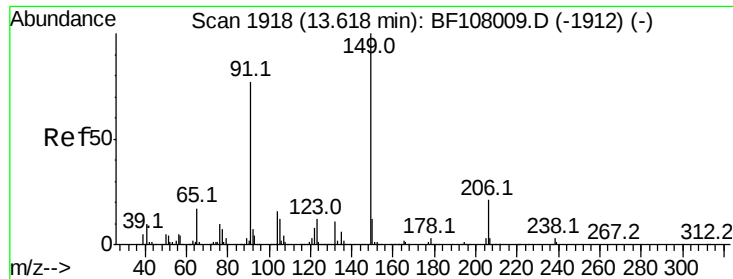
Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Tgt Ion:	244	Resp:	1163794
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	9.0	11.0	16.4#





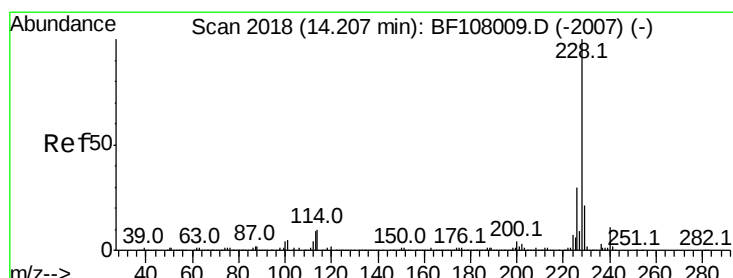
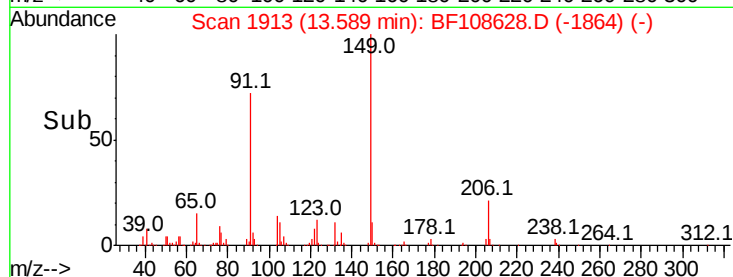
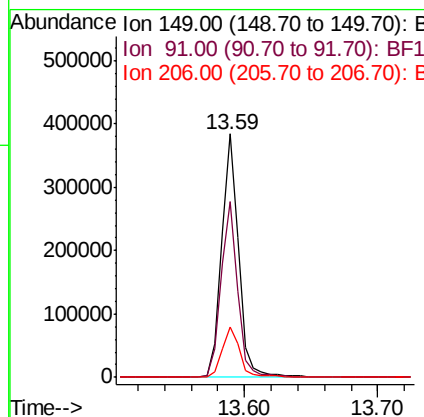
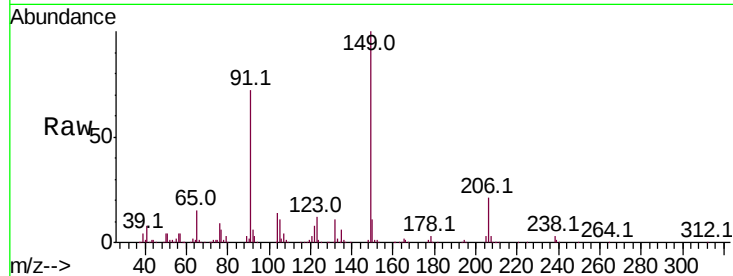
#79
Butylbenzylphthalate
Concen: 56.258 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	347436		
91	72.1	56.8	85.2	
206	20.7	14.1	21.1	

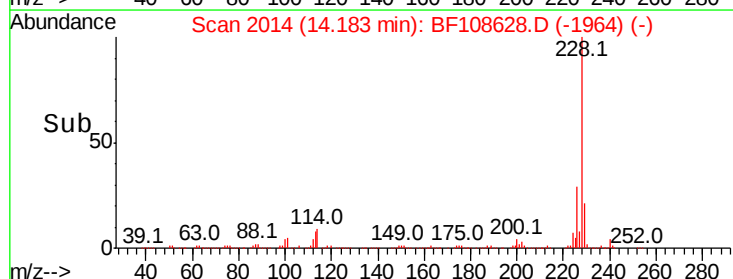
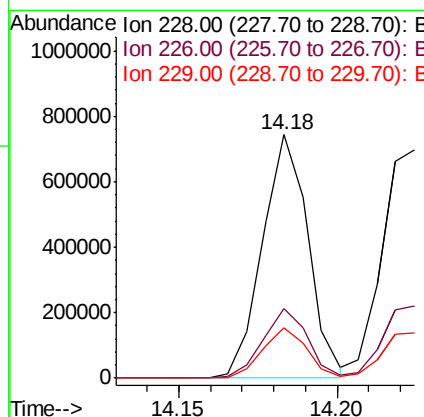
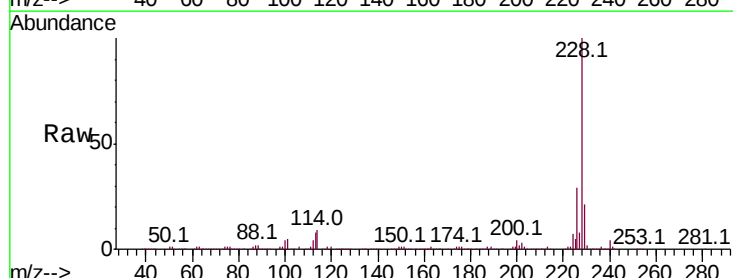
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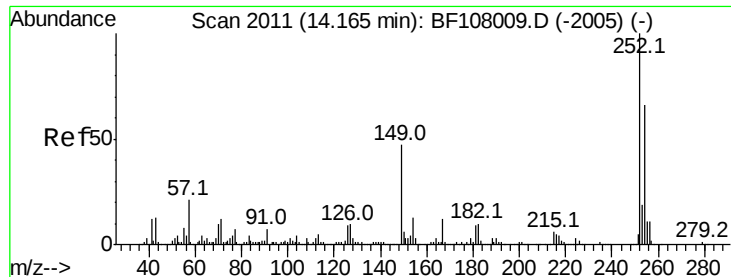
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#80
Benzo(a)anthracene
Concen: 52.793 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	744284		
226	28.6	22.6	33.8	
229	20.6	15.8	23.6	





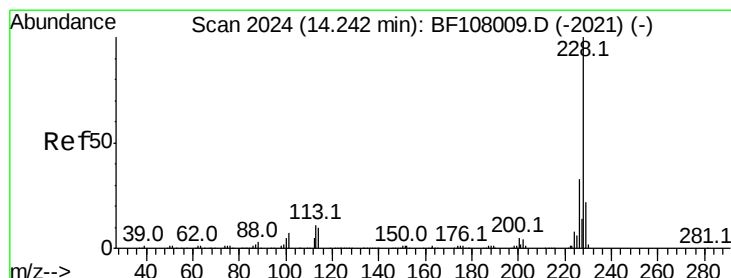
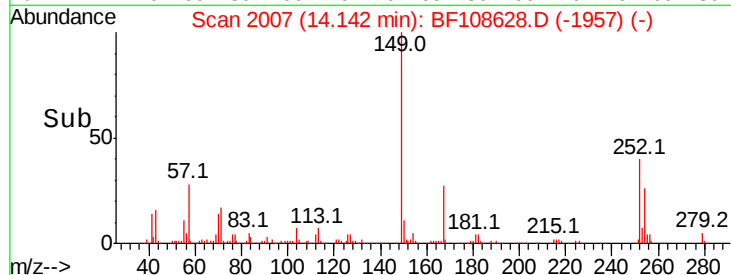
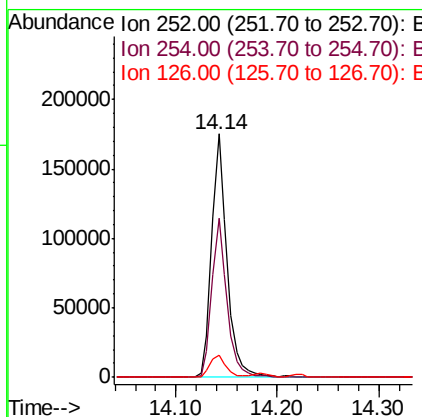
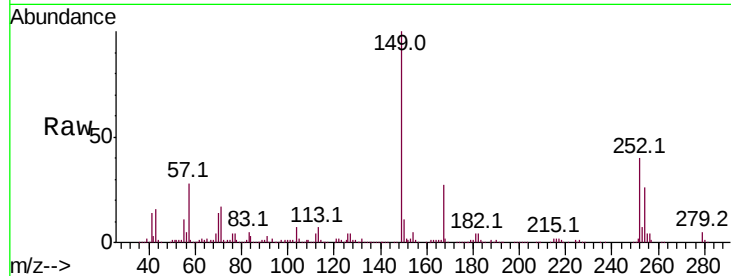
#81
 3,3'-Dichlorobenzidine
 Concen: 36.672 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	50.4	75.6
126	9.3	11.3	16.9

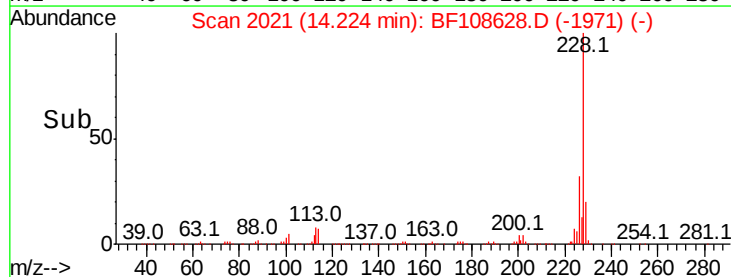
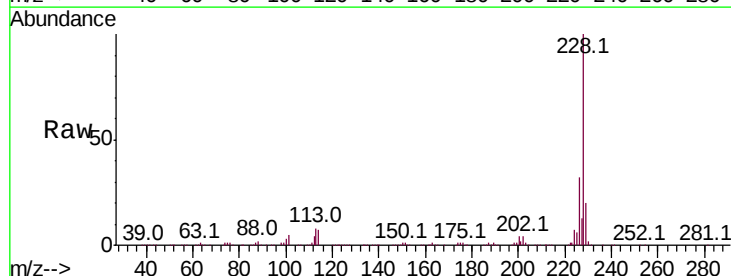
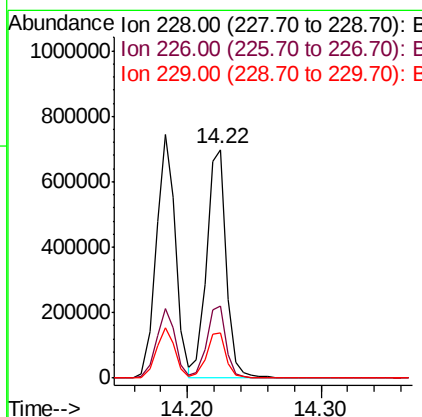
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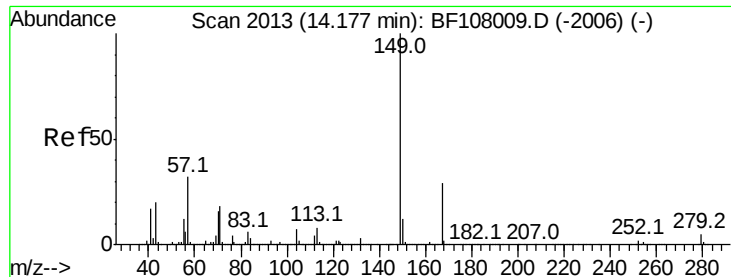
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#82
 Chrysene
 Concen: 55.430 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.8	16.2	24.4





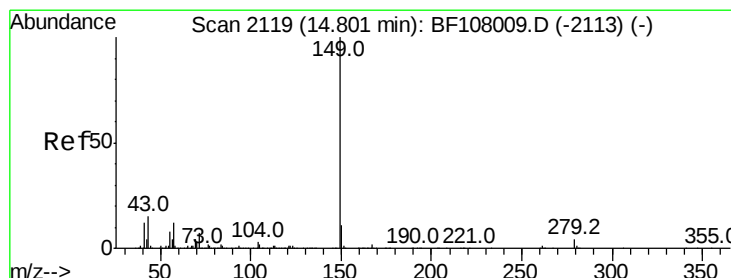
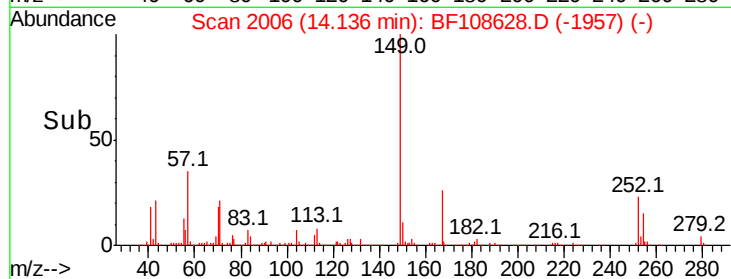
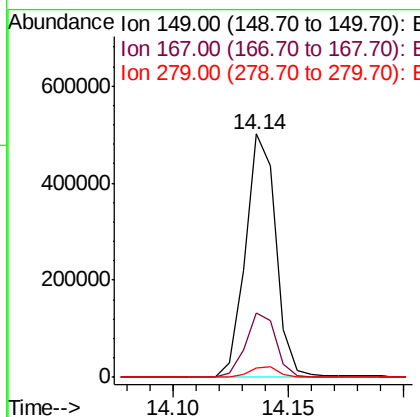
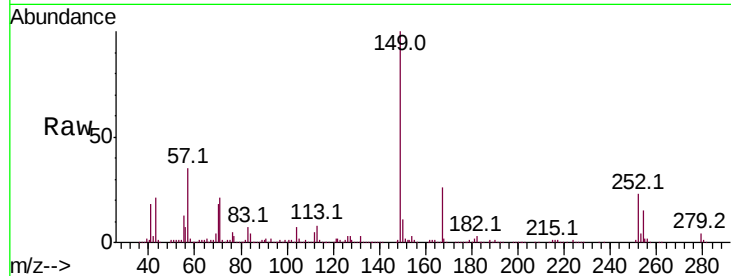
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.565 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	464691		
167	26.2	21.3	31.9	
279	3.6	3.0	4.4	

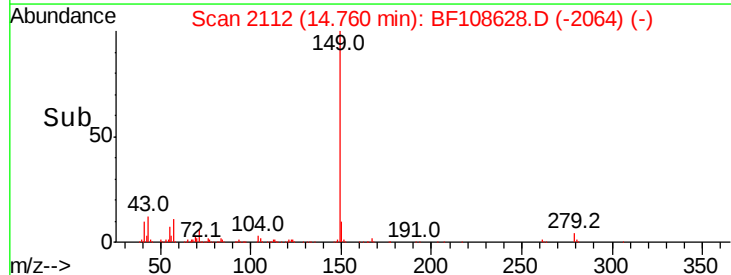
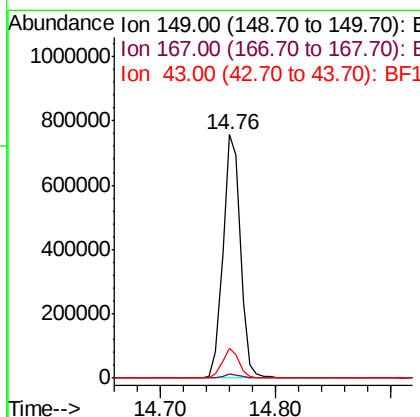
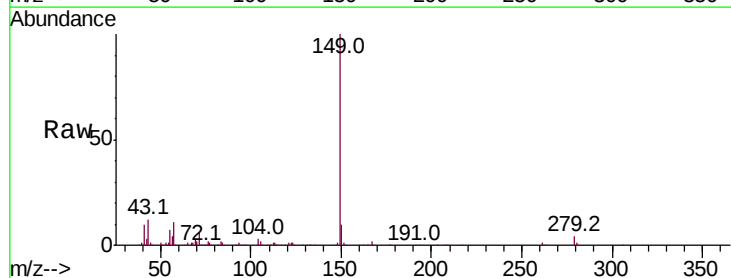
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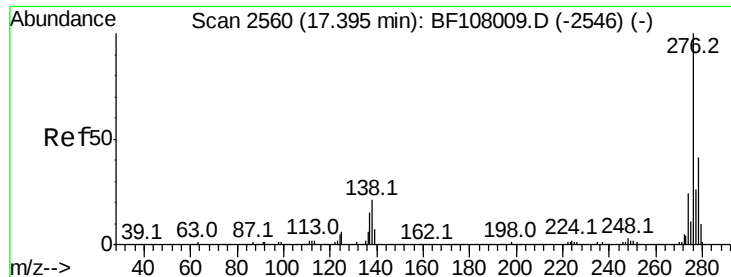
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#84
 Di-n-octyl phthalate
 Concen: 62.204 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BF108628.D
 Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793376		
167	1.5	1.2	1.8	
43	11.6	8.4	12.6	





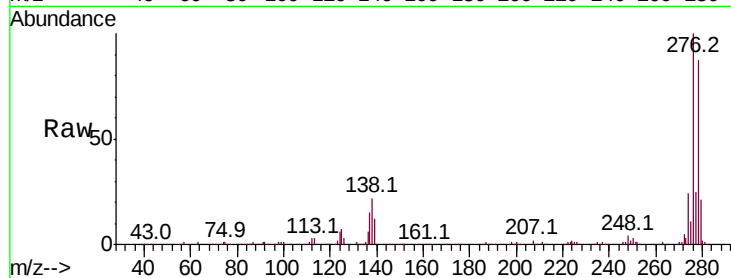
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.140 ng
RT: 17.37 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	639919		
138	21.6	25.0	37.6	
277	25.0	20.1	30.1	

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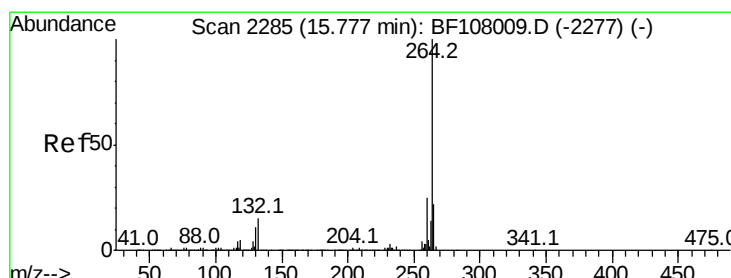
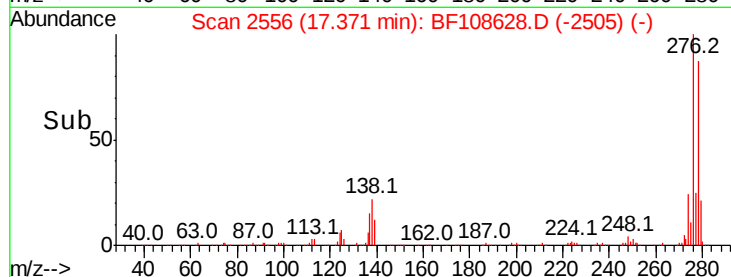
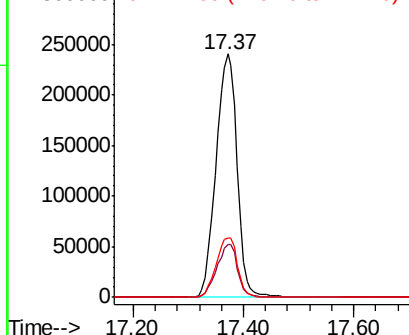


Abundance

Ion 276.00 (275.70 to 276.70): E

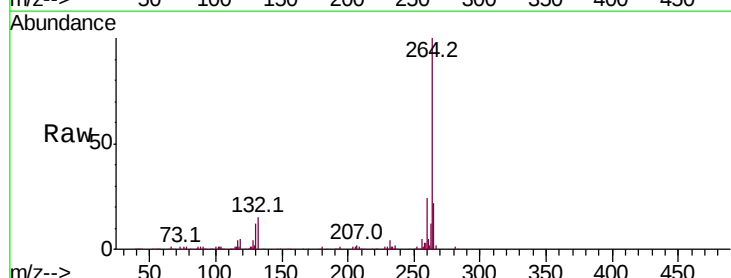
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	242817		
260	23.8	19.2	28.8	
265	21.8	17.5	26.3	

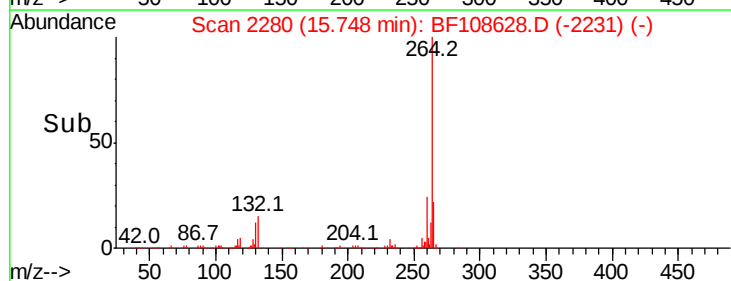
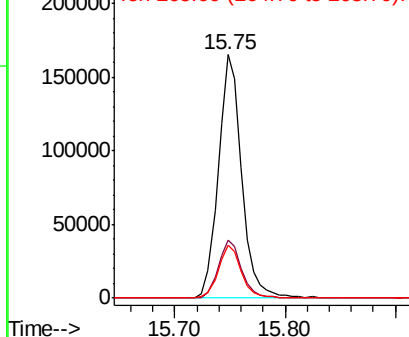


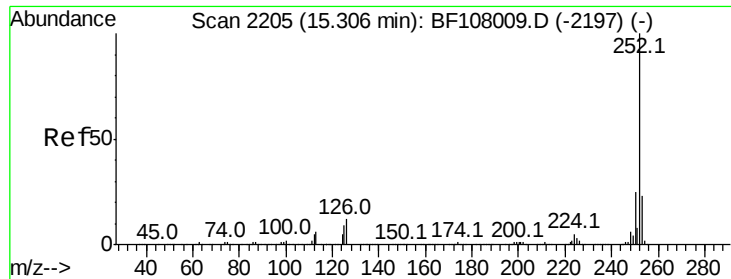
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





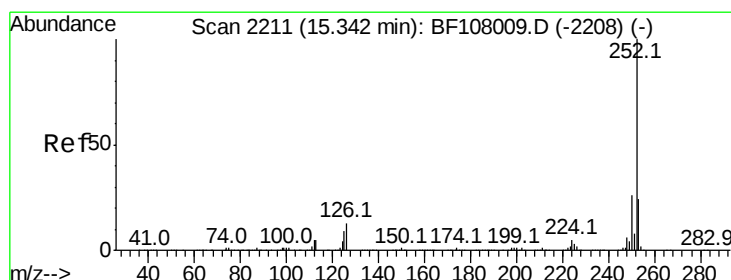
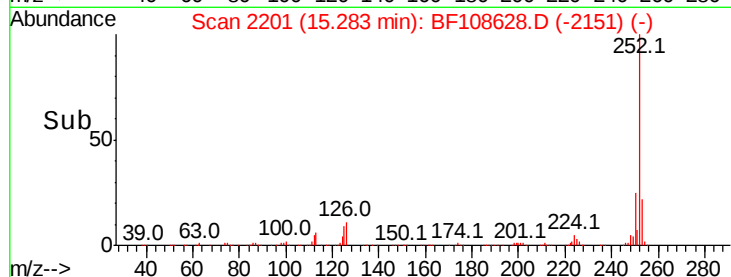
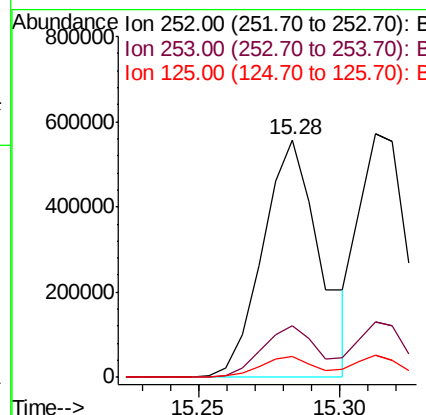
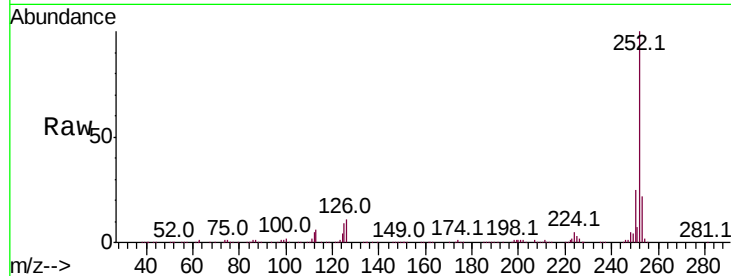
#87
Benzo(b)fluoranthene
Concen: 54.158 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.6	9.0	13.6#

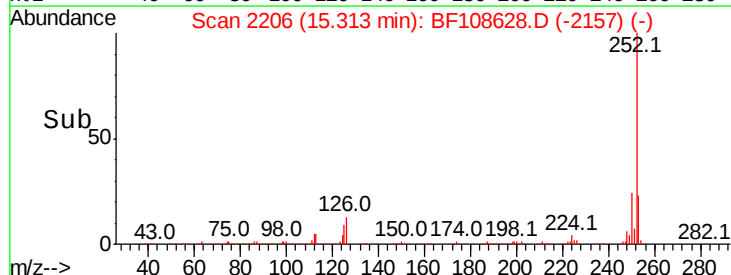
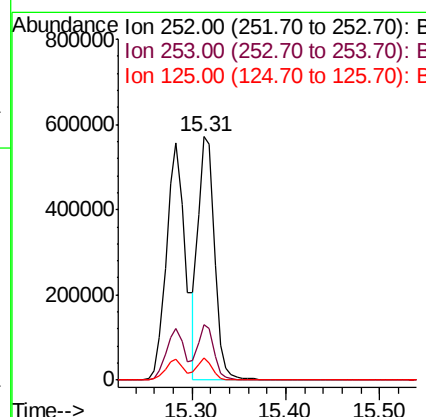
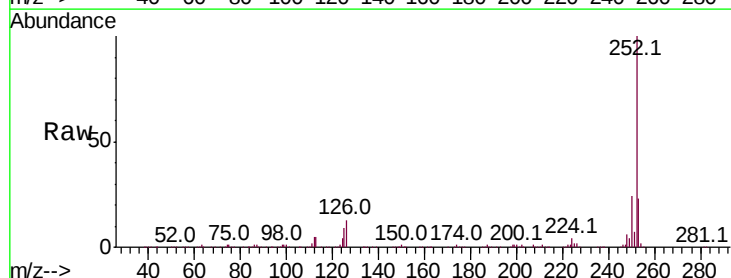
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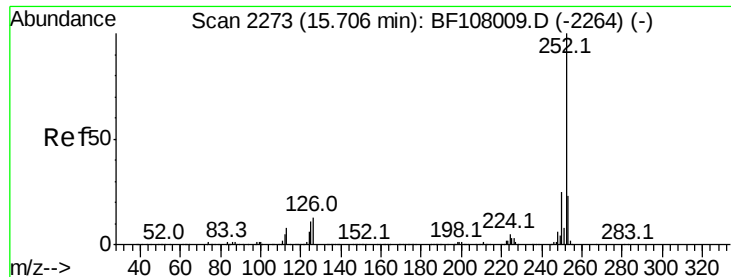
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#88
Benzo(k)fluoranthene
Concen: 51.110 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.2	10.2	15.2#





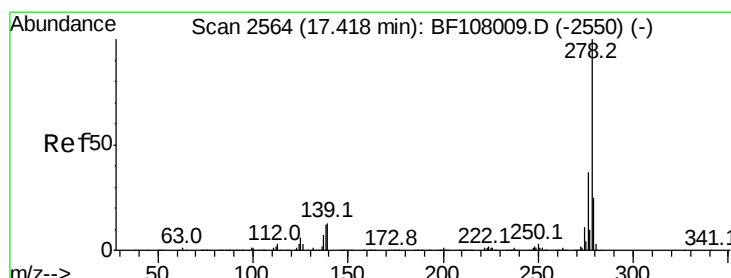
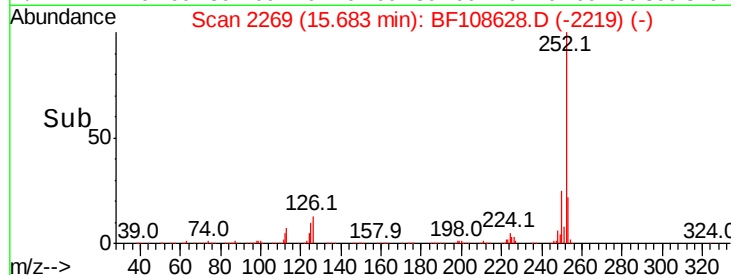
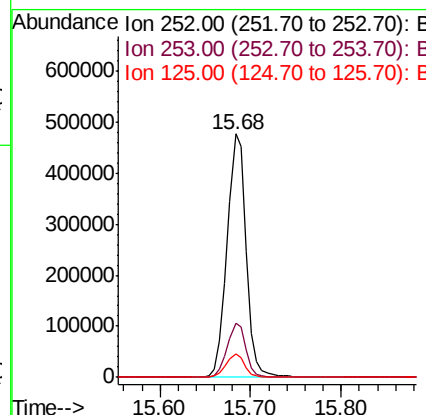
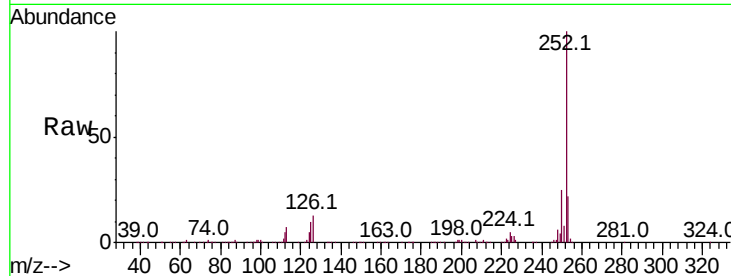
#89
Benzo(a)pyrene
Concen: 53.176 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Instrument :
BNA_F
ClientSampleId :
PB112466BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.7	9.8	14.6

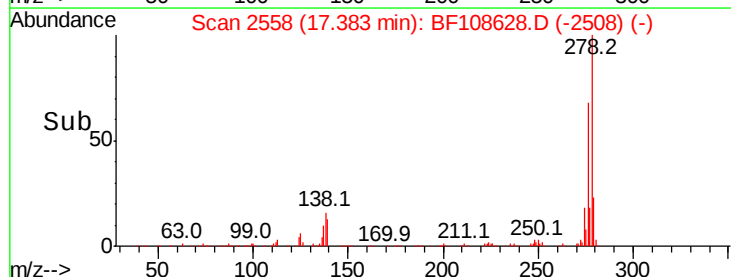
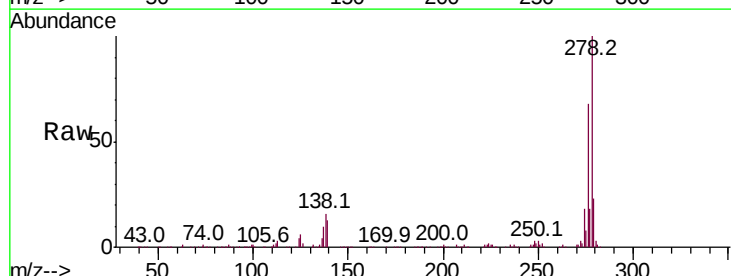
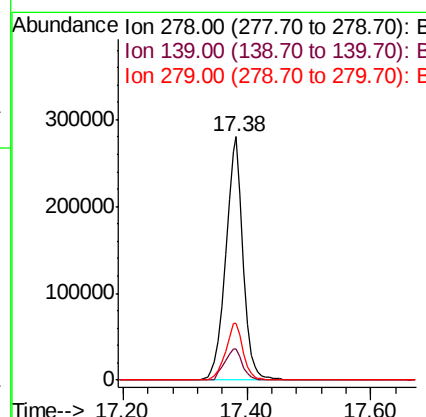
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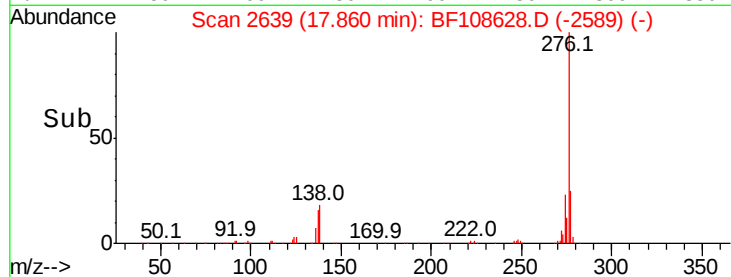
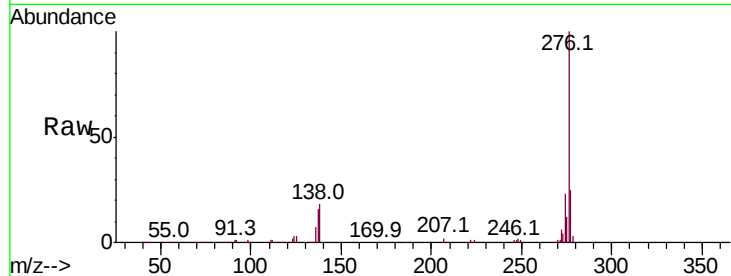
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#90
Dibenzo(a,h)anthracene
Concen: 50.748 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108628.D
Acq: 30 Aug 2018 3:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	15.9	23.9
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.639 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108628.D

Acq: 30 Aug 2018 3:00

Instrument :

BNA_F

ClientSampleId :

PB112466BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	18.2	21.8	32.8

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