

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108170.D
 Acq On : 15 Aug 2018 17:22
 Operator : JU/SJ
 Sample : PB112068BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:02 PM

Quant Time: Aug 15 19:10:50 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	189082	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	768572	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	399574	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	802534	20.00	ng	0.00
75) Chrysene-d12	14.22	240	628635	20.00	ng	0.00
86) Perylene-d12	15.78	264	491912	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1456759	139.48	ng	0.03
7) Phenol-d6	6.65	99	2011353	144.93	ng	0.02
23) Nitrobenzene-d5	7.58	82	1080499	78.45	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	627044	157.33	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2096169	84.22	ng	0.00
78) Terphenyl-d14	13.15	244	2180317	88.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.05	88	198929	37.069	ng	90
3) Pyridine	3.78	79	545112	39.432	ng	86
4) n-Nitrosodimethylamine	3.74	42	296697	38.142	ng	# 83
6) Aniline	6.68	93	606741	32.140	ng	96
8) 2-Chlorophenol	6.81	128	498632	42.391	ng	94
9) Benzaldehyde	6.57	77	298646	27.755	ng	97
10) Phenol	6.66	94	605328	42.166	ng	92
11) bis(2-Chloroethyl)ether	6.75	93	493920	42.557	ng	94
12) 1,3-Dichlorobenzene	6.96	146	574371	42.231	ng	98
13) 1,4-Dichlorobenzene	7.04	146	578285	42.319	ng	97
14) 1,2-Dichlorobenzene	7.19	146	531359	41.804	ng	99
15) Benzyl Alcohol	7.15	79	472542	40.445	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	975258	40.790	ng	98
17) 2-Methylphenol	7.26	107	432199	42.846	ng	95
18) Hexachloroethane	7.53	117	209332	43.029	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	388251	41.369	ng	90
20) 3+4-Methylphenols	7.41	107	543519	42.047	ng	# 86
22) Acetophenone	7.42	105	732066	40.736	ng	# 92
24) Nitrobenzene	7.60	77	575700	41.335	ng	95
25) Isophorone	7.84	82	1060384	40.392	ng	98
26) 2-Nitrophenol	7.92	139	253763	48.246	ng	95
27) 2,4-Dimethylphenol	7.94	122	484405	41.574	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	642588	41.929	ng	99
29) 2,4-Dichlorophenol	8.15	162	464571	43.326	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	484923	41.019	ng	95
31) Naphthalene	8.32	128	1485154	42.490	ng	99
32) Benzoic acid	8.06	122	234111	36.290	ng	94
33) 4-Chloroaniline	8.37	127	392588	25.773	ng	96
34) Hexachlorobutadiene	8.44	225	313961	41.951	ng	99
35) Caprolactam	8.74	113	160236m	47.686	ng	
36) 4-Chloro-3-methylphenol	8.85	107	486600	42.067	ng	100
37) 2-Methylnaphthalene	9.02	142	1041965	42.134	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	523103	42.631	ng	98
40) Hexachlorocyclopentadiene	9.17	237	623038	78.610	ng	99

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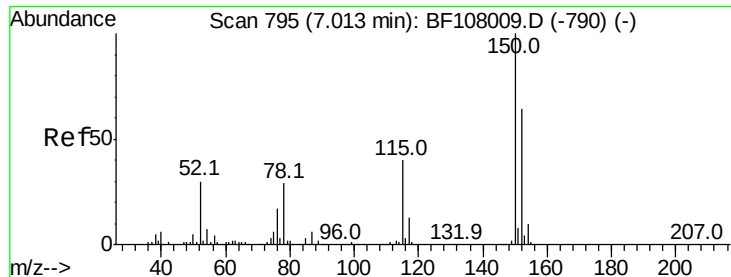
Manual Integrations
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 8/16/2018 5:27:02 PM

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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	9.30	196	354186	46.515	nq	98
43) 2,4,5-Trichlorophenol	9.34	196	370270	44.174	nq #	92
45) 1,1'-Biphenyl	9.48	154	1273046	43.212	nq	99
46) 2-Chloronaphthalene	9.51	162	979616	42.071	nq	97
47) 2-Nitroaniline	9.61	65	336826	44.707	nq	93
48) Acenaphthylene	9.93	152	1562335	42.442	nq	98
49) Dimethylphthalate	9.78	163	1160973	41.711	nq #	99
50) 2,6-Dinitrotoluene	9.85	165	257007	44.134	nq	95
51) Acenaphthene	10.10	154	925291	41.039	nq	100
52) 3-Nitroaniline	10.02	138	188303	29.554	nq	97
53) 2,4-Dinitrophenol	10.12	184	184284	84.159	nq #	20
54) Dibenzofuran	10.28	168	1365716	41.810	nq	98
55) 4-Nitrophenol	10.18	139	382684	79.316	nq	86
56) 2,4-Dinitrotoluene	10.25	165	345730	46.123	nq #	97
57) Fluorene	10.62	166	1079888	41.762	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	317017	45.249	nq #	86
59) Diethylphthalate	10.48	149	1122103	41.633	nq	95
60) 4-Chlorophenyl-phenylether	10.61	204	557529	41.378	nq	90
61) 4-Nitroaniline	10.64	138	266774	42.350	nq	97
62) Azobenzene	10.77	77	1146749	41.199	nq	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	127791	43.037	nq	84
65) n-Nitrosodiphenylamine	10.72	169	988727	41.691	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	366308	42.001	nq #	84
67) Hexachlorobenzene	11.17	284	380274	41.441	nq #	84
68) Atrazine	11.25	200	344559	43.317	nq	97
69) Pentachlorophenol	11.37	266	371366	84.552	nq	97
70) Phenanthrene	11.59	178	1562263	41.272	nq	98
71) Anthracene	11.64	178	1605042	41.371	nq	97
72) Carbazole	11.79	167	1396643	40.518	nq	99
73) Di-n-butylphthalate	12.11	149	1671759	42.818	nq	98
74) Fluoranthene	12.78	202	1690313	40.916	nq	96
76) Benzidine	12.90	184	821796	34.989	nq	99
77) Pyrene	13.02	202	1669724	41.954	nq	97
79) Butylbenzylphthalate	13.62	149	726221	45.953	nq	97
80) Benzo(a)anthracene	14.21	228	1499244	41.557	nq	98
81) 3,3'-Dichlorobenzidine	14.17	252	355847	27.523	nq #	96
82) Chrysene	14.25	228	1363930	41.237	nq	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	947279	44.263	nq	98
84) Di-n-octyl phthalate	14.79	149	1542220	47.252	nq	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	1032093	36.014	nq #	91
87) Benzo(b)fluoranthene	15.31	252	1305469	44.413	nq	96
88) Benzo(k)fluoranthene	15.35	252	1119085	41.417	nq #	96
89) Benzo(a)pyrene	15.72	252	1122723	42.655	nq #	96
90) Dibenzo(a,h)anthracene	17.43	278	862688	39.612	nq #	93
91) Benzo(g,h,i)perylene	17.91	276	846972	39.495	nq #	90

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



#1

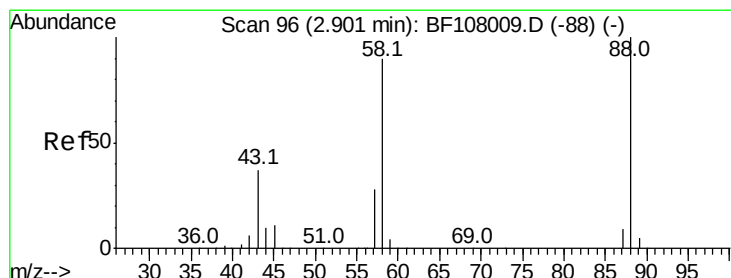
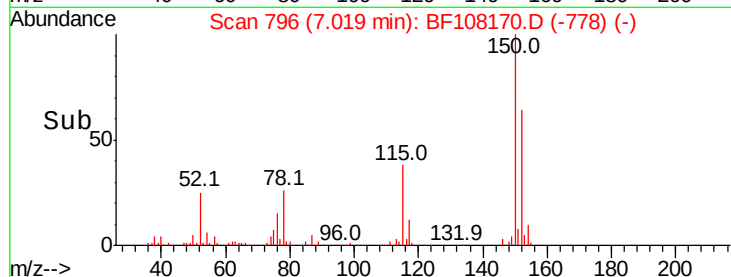
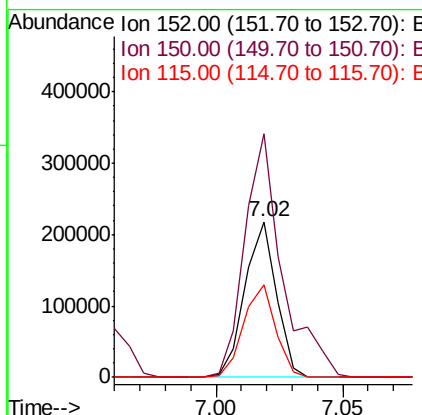
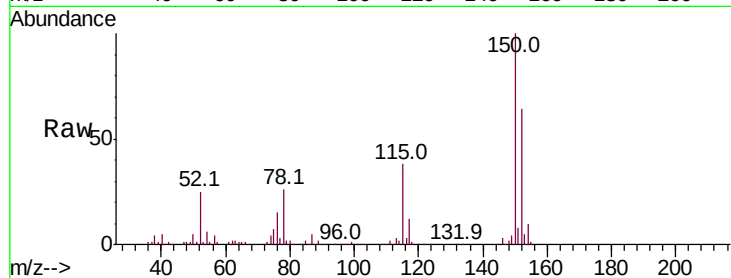
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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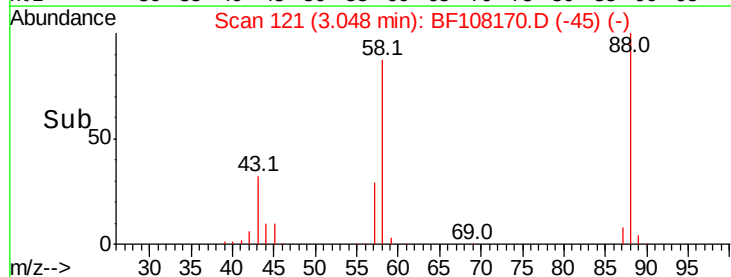
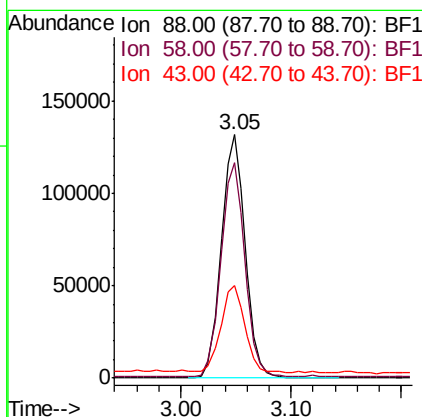
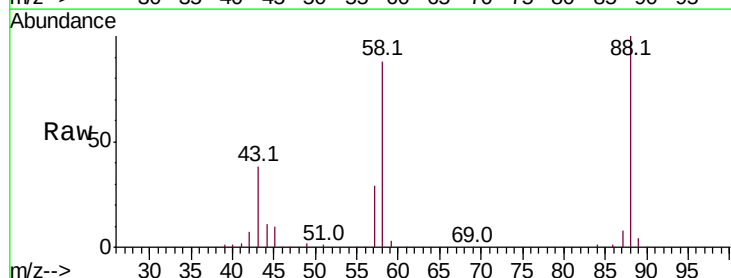
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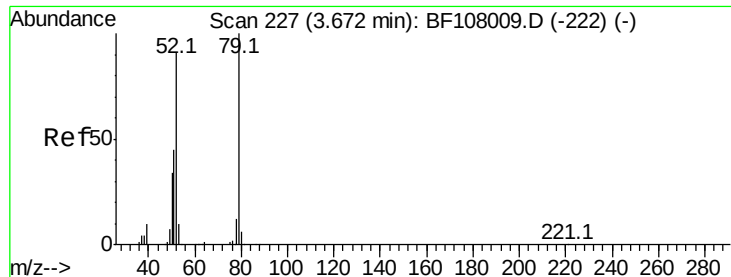


#2

1,4-Dioxane
Concen: 37.069 ng
RT: 3.05 min Scan# 121
Delta R.T. 0.15 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	62.6	93.8
43	35.4	24.6	37.0





#3

Pvridine

Concen: 39.432 ng

RT: 3.78 min Scan# 246

Delta R.T. 0.11 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

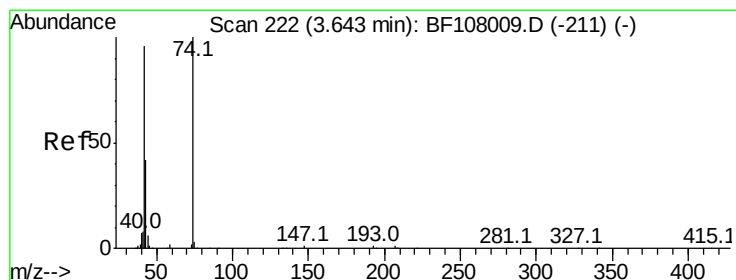
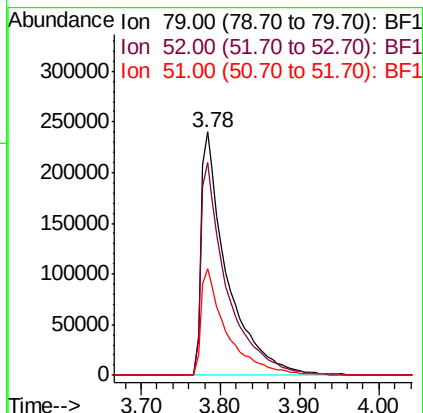
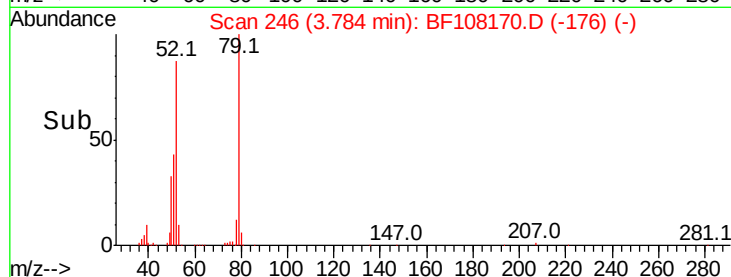
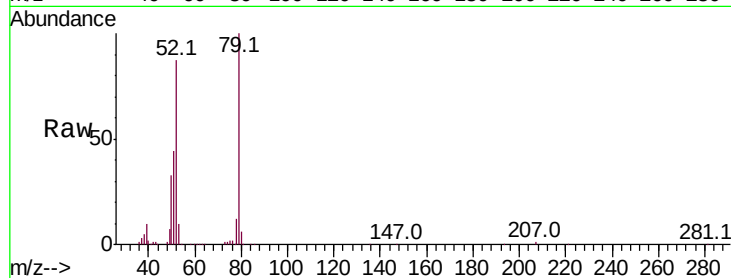
ClientSampleId :

PB112068BS

Tot Ion:	79	Resp:	545112
Ion Ratio	Lower	Upper	
79	100		
52	87.5	59.8	89.6
51	43.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.142 ng

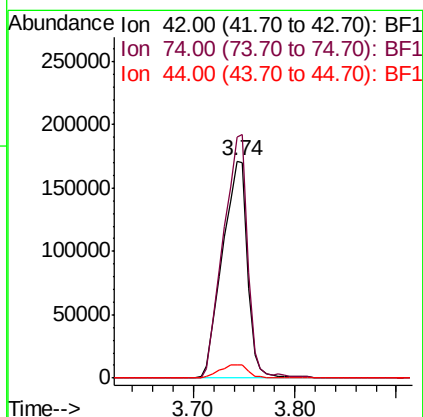
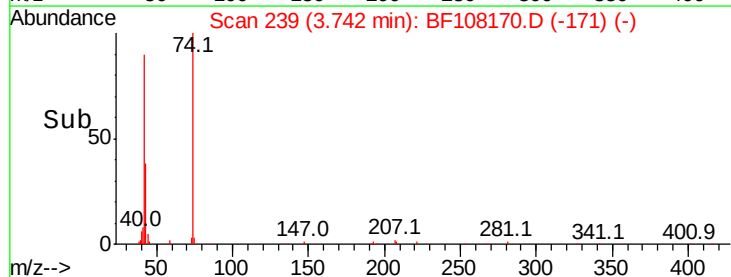
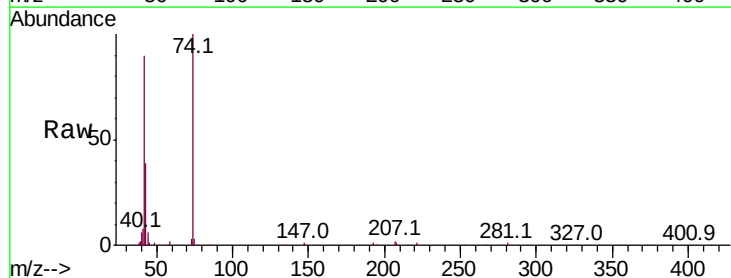
RT: 3.74 min Scan# 239

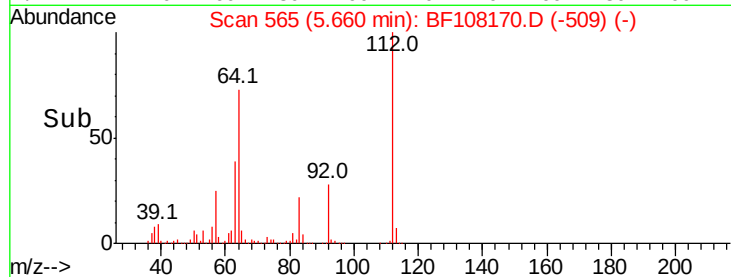
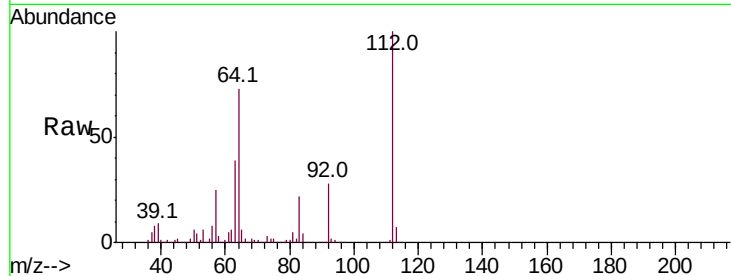
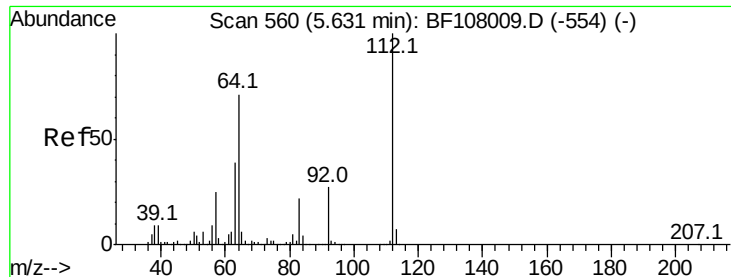
Delta R.T. 0.10 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Tgt Ion:	42	Resp:	296697
Ion Ratio	Lower	Upper	
42	100		
74	110.9	104.9	157.3
44	6.3	6.9	10.3#





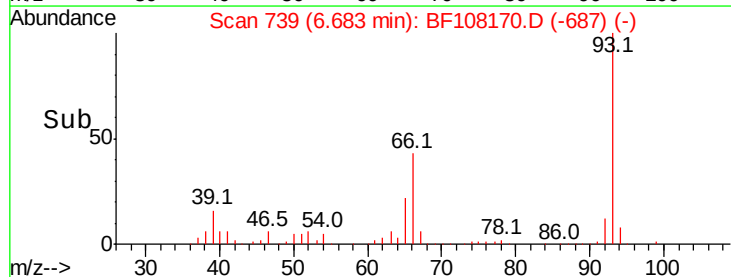
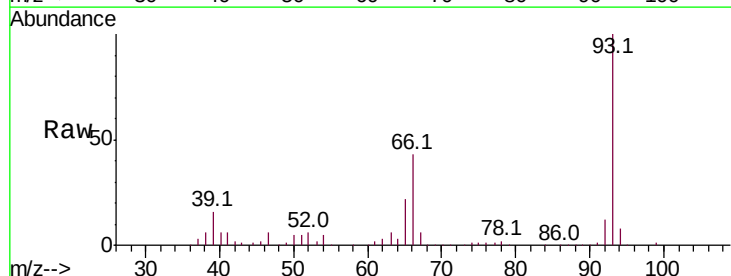
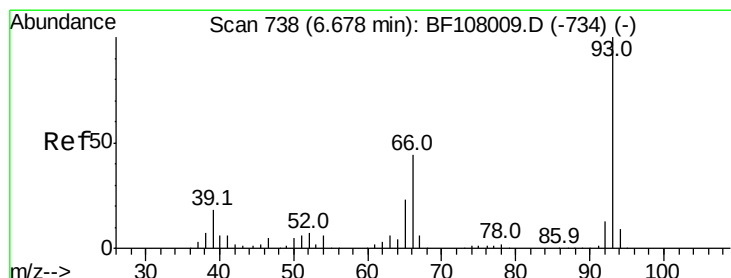
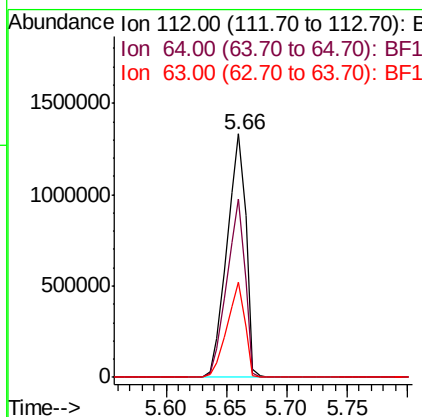
#5
2-Fluorophenol
Concen: 139.484 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tot Ion	Ratio	Lower	Upper
112	100		
64	73.2	47.9	71.9#
63	38.9	23.7	35.5#

Instrument :
BNA_F
ClientSampleId :
PB112068BS

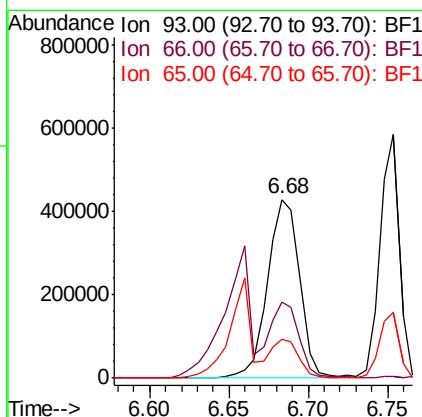
Manual Integrations
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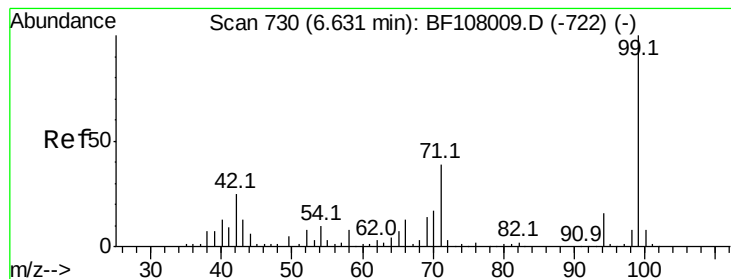
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#6
Aniline
Concen: 32.140 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.9	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 144.926 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB112068BS

Tot Ion: 99 Resp: 2011353

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

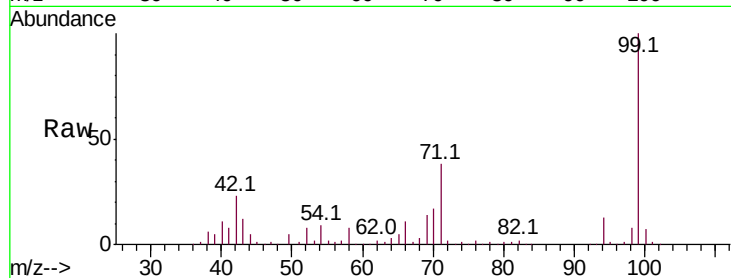
71 37.6 25.4 38.0

Manual Integrations

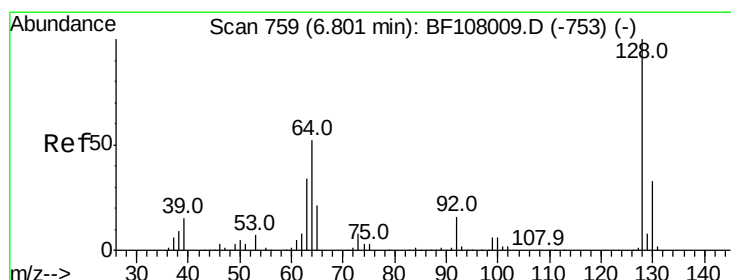
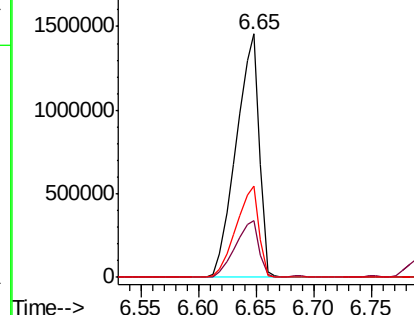
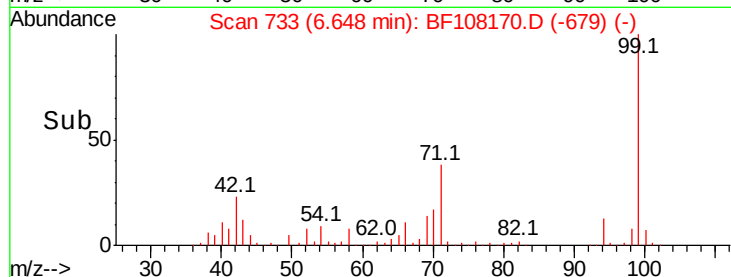
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.391 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

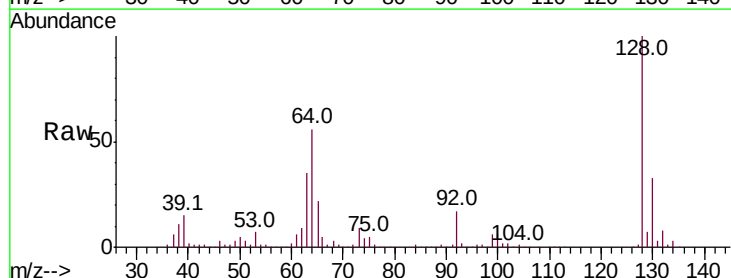
Tgt Ion:128 Resp: 498632

Ion Ratio Lower Upper

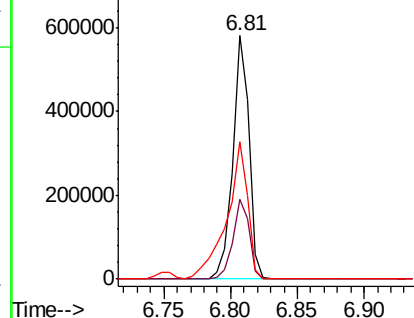
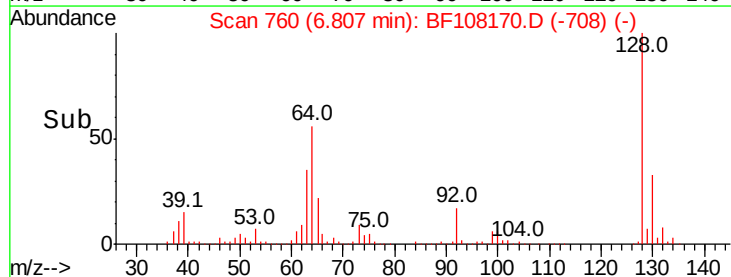
128 100

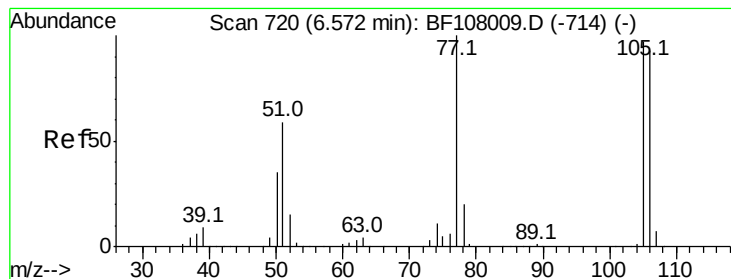
130 32.9 13.0 53.0

64 56.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.755 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

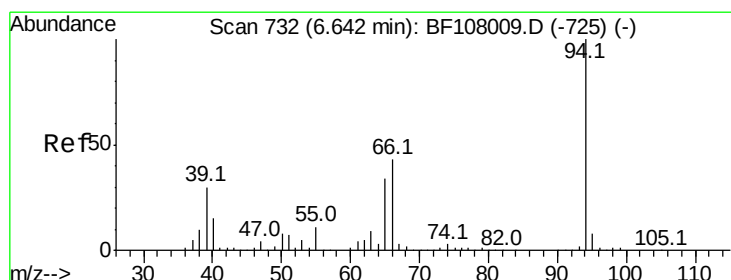
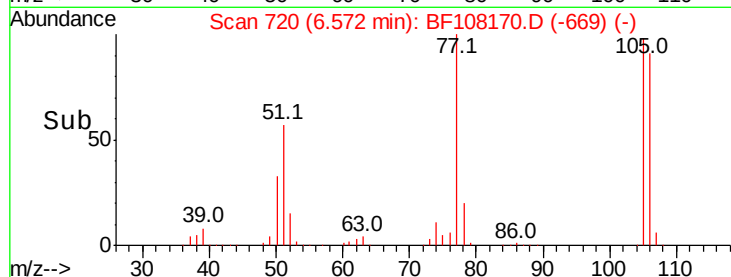
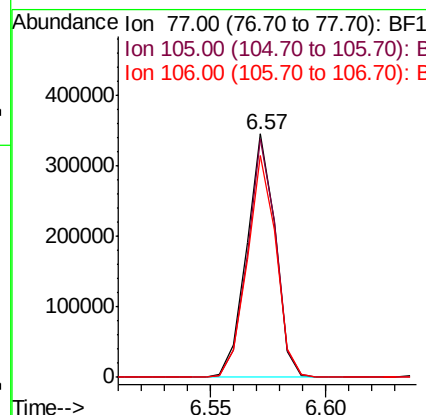
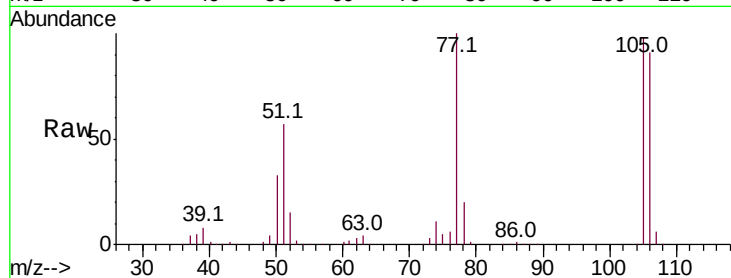
ClientSampleId :

PB112068BS

Tot Ion:	77	Resp:	298646
Ion Ratio	Lower	Upper	
77	100		
105	98.0	81.1	121.1
106	90.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.166 ng

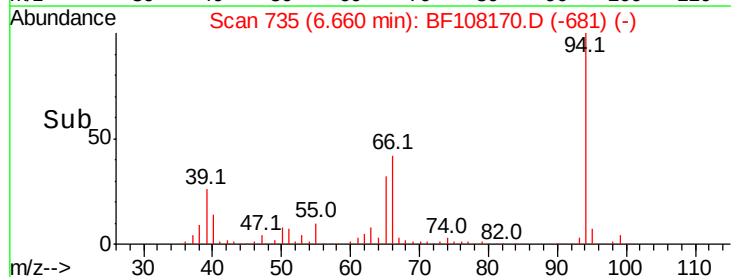
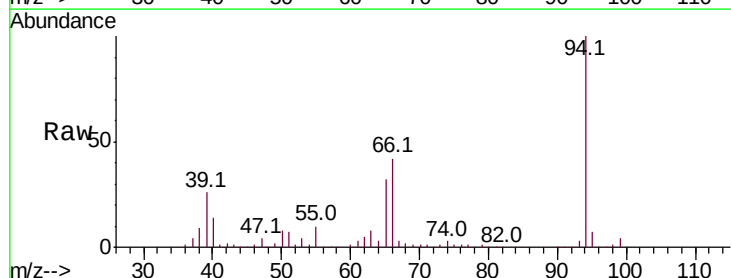
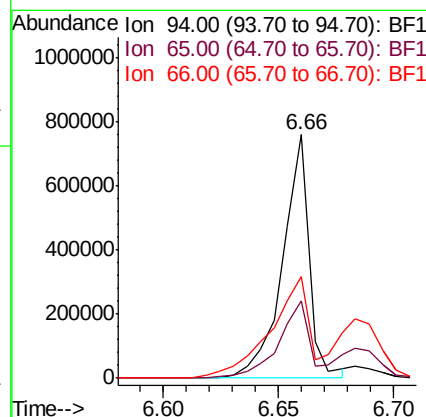
RT: 6.66 min Scan# 735

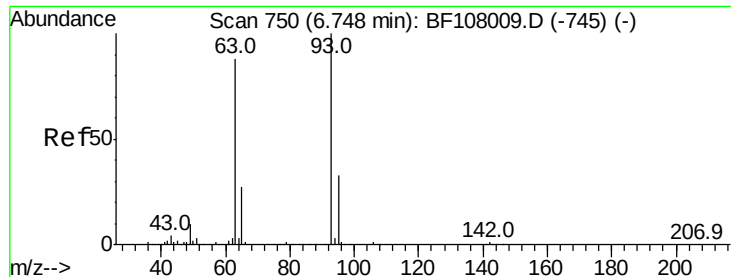
Delta R.T. 0.02 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Tgt Ion:	94	Resp:	605328
Ion Ratio	Lower	Upper	
94	100		
65	31.6	7.9	47.9
66	41.7	16.2	56.2





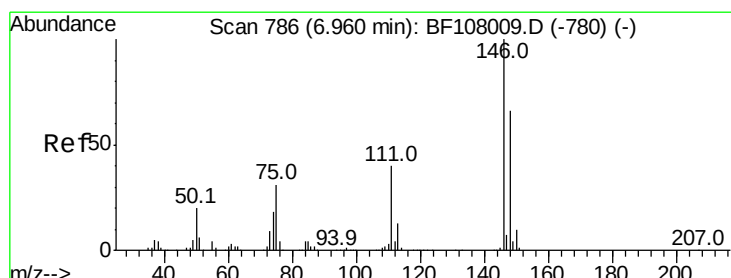
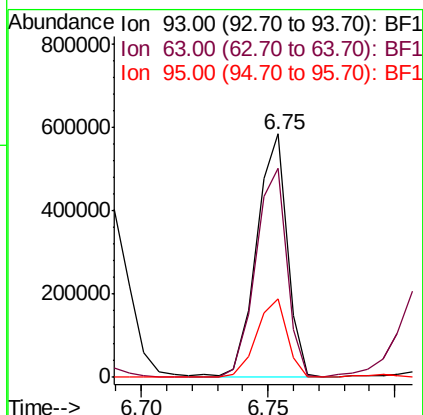
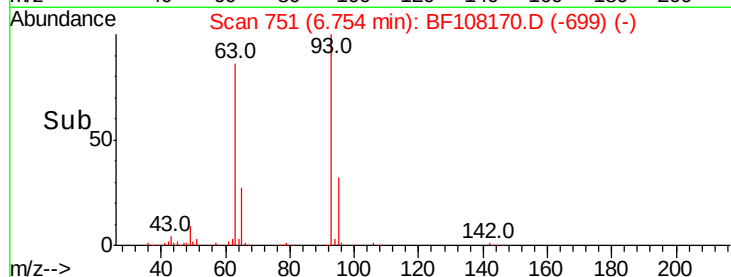
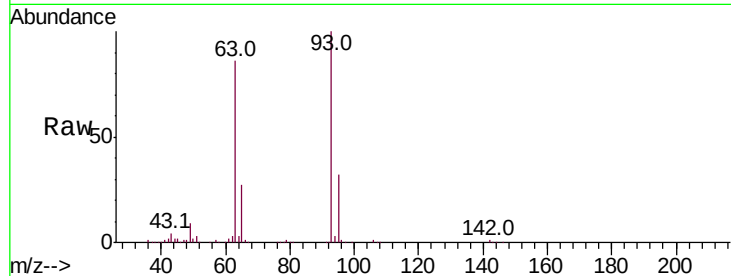
#11
bis(2-Chloroethyl)ether
Concen: 42.557 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	493920		
63	86.0	58.6	98.6	
95	32.3	11.8	51.8	

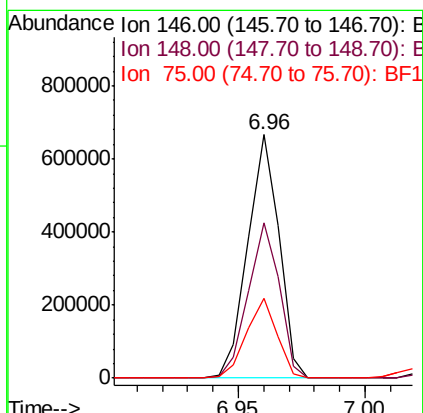
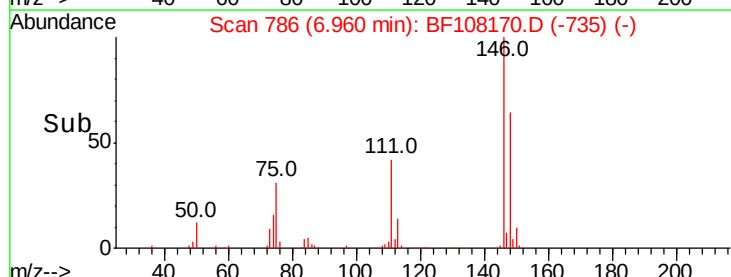
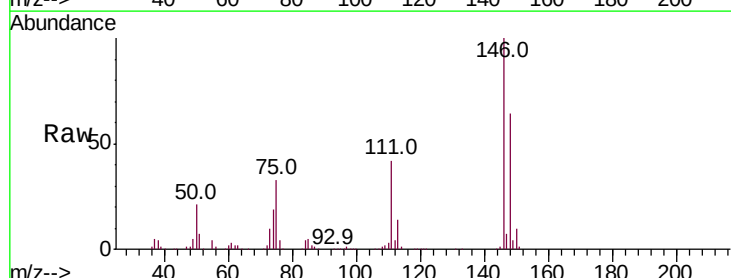
Manual Integrations
APPROVED

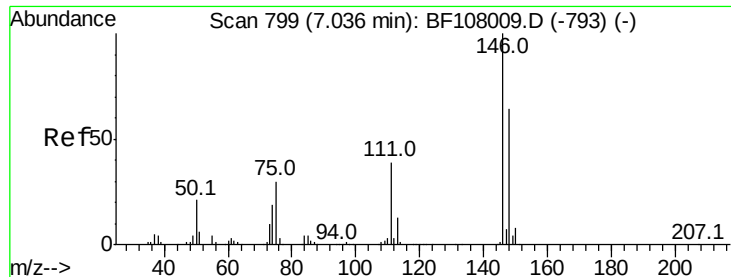
Sohil
8/16/2018 5:27:02 PM



#12
1,3-Dichlorobenzene
Concen: 42.231 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	574371		
148	64.0	51.8	77.8	
75	32.6	24.2	36.4	





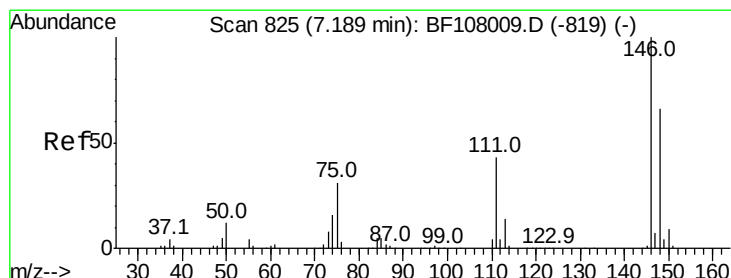
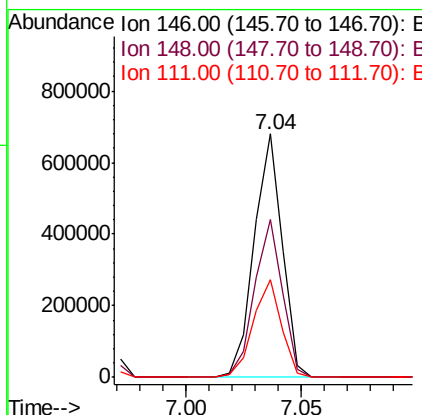
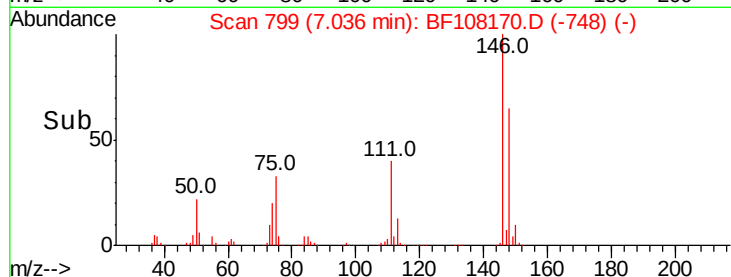
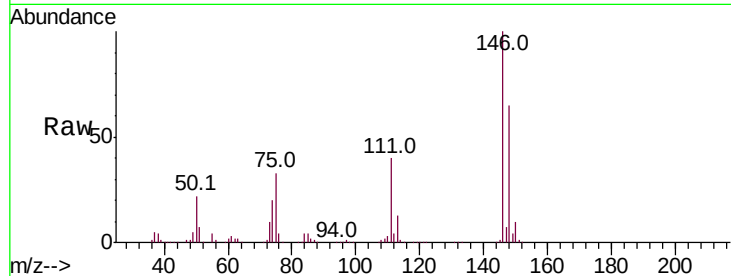
#13
1,4-Dichlorobenzene
Concen: 42.319 ng
RT: 7.04 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	578285		
148	64.8		50.8	76.2
111	40.2		34.2	51.2

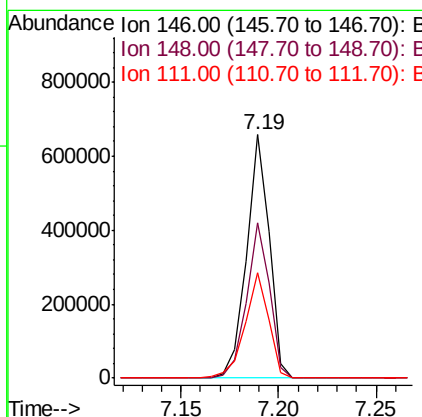
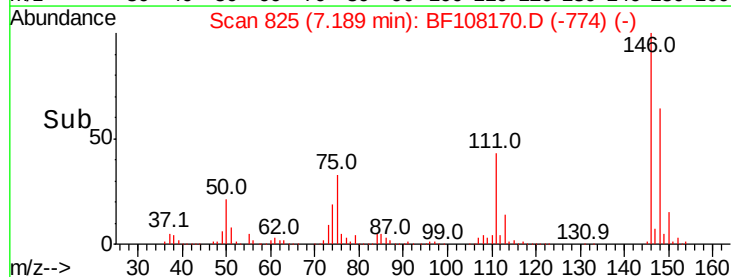
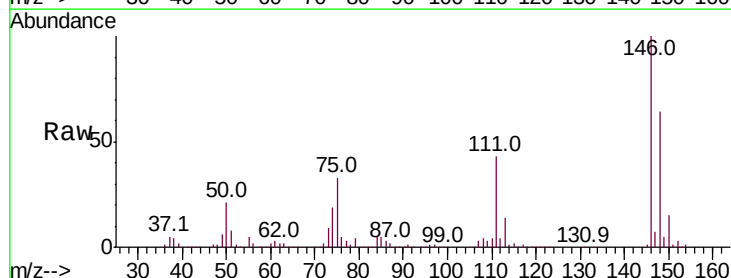
Manual Integrations
APPROVED

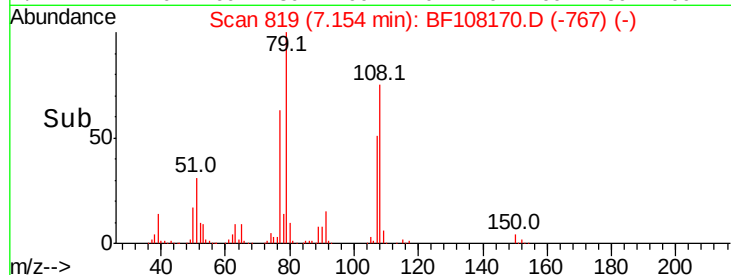
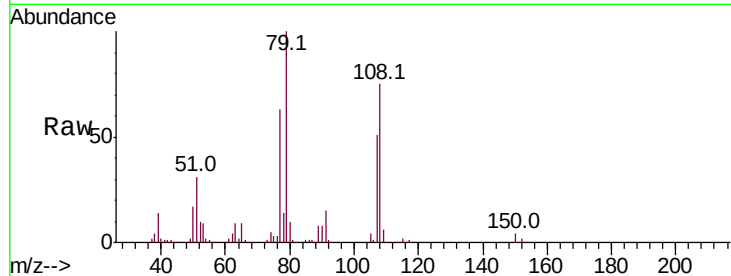
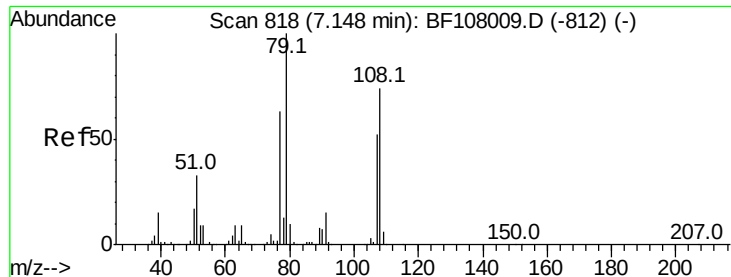
Sohil
8/16/2018 5:27:02 PM



#14
1,2-Dichlorobenzene
Concen: 41.804 ng
RT: 7.19 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	531359		
148	63.8		50.6	75.8
111	43.4		36.0	54.0





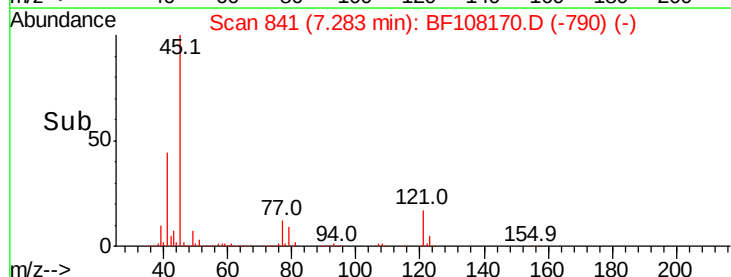
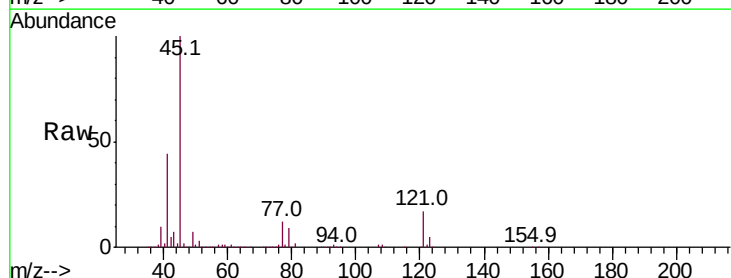
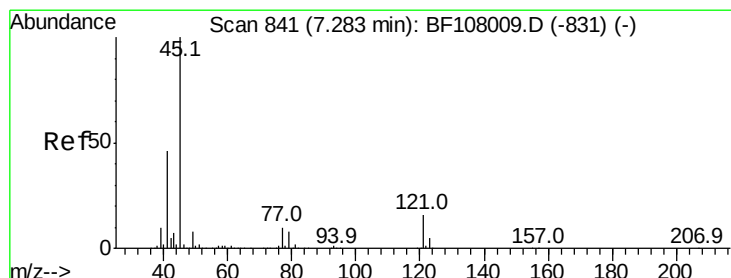
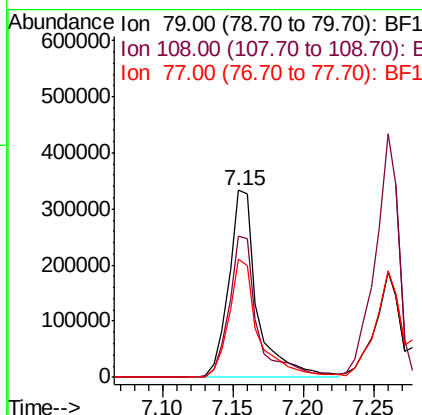
#15
Benzyl Alcohol
Concen: 40.445 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.1	65.1	97.7	
77	63.5	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB112068BS

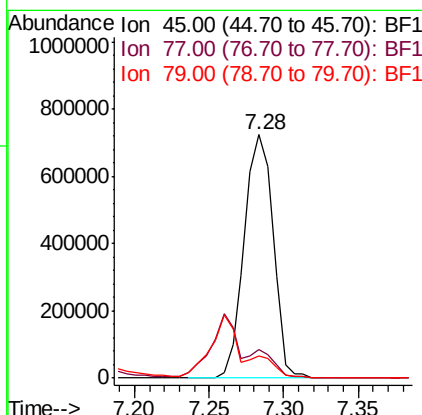
Manual Integrations
APPROVED

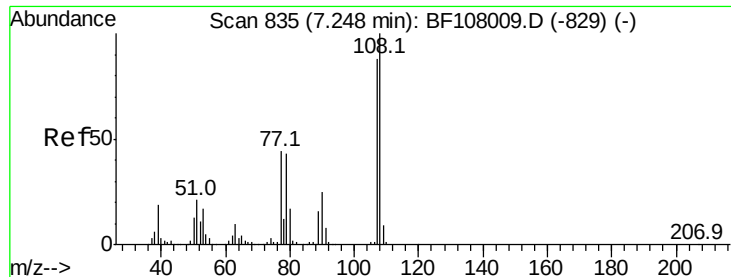
Sohil
8/16/2018 5:27:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.790 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	11.9	0.0	32.9	
79	9.2	0.0	29.6	





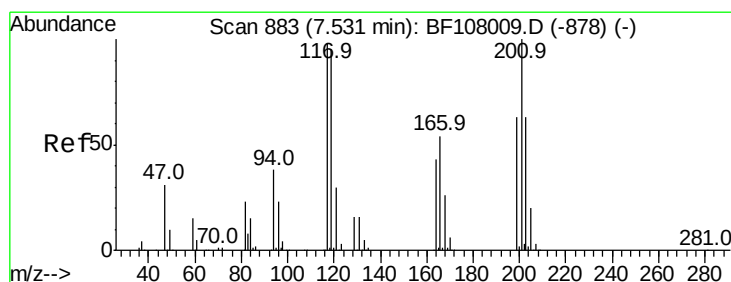
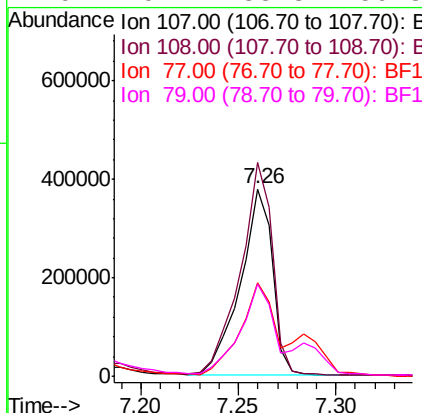
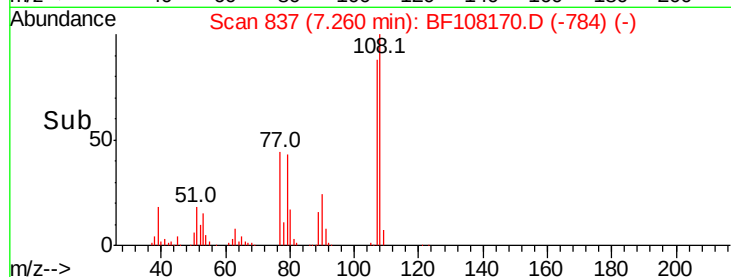
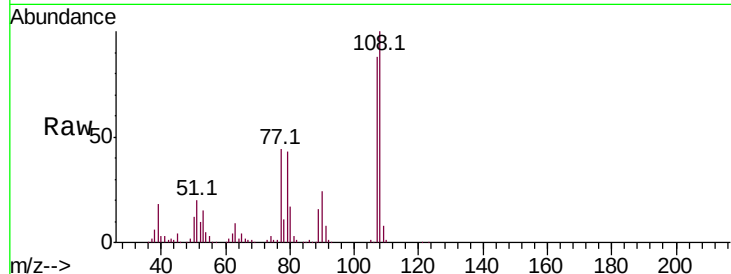
#17
2-Methylphenol
Concen: 42.846 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.7	137.5	
77	50.2	33.8	50.8	
79	49.2	33.8	50.8	

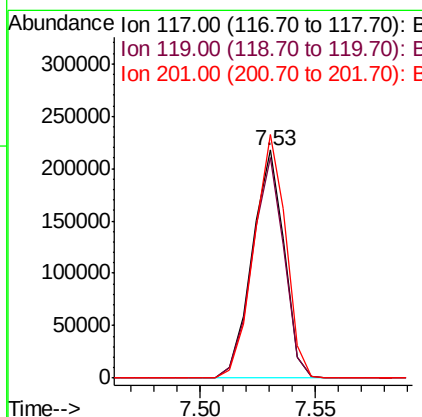
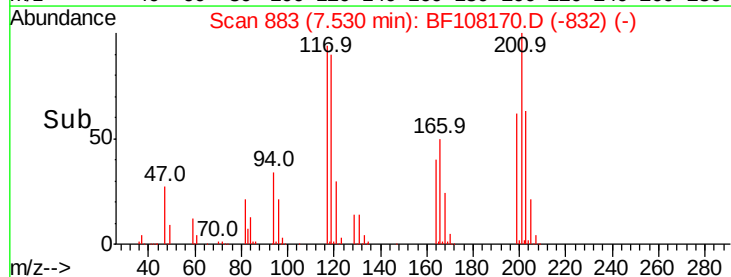
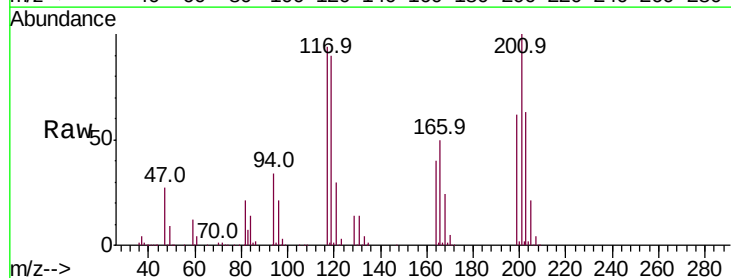
Manual Integrations
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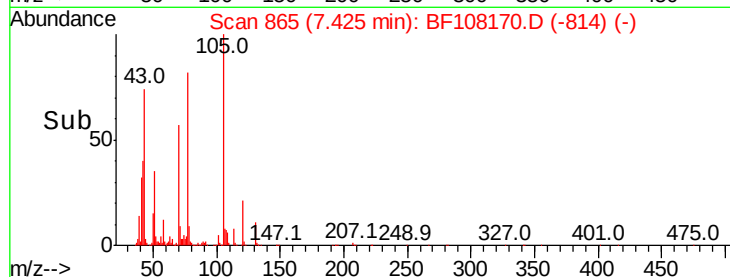
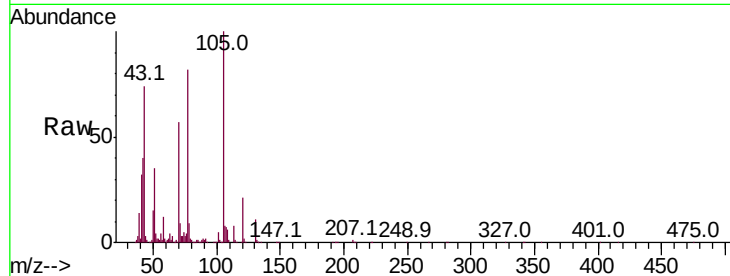
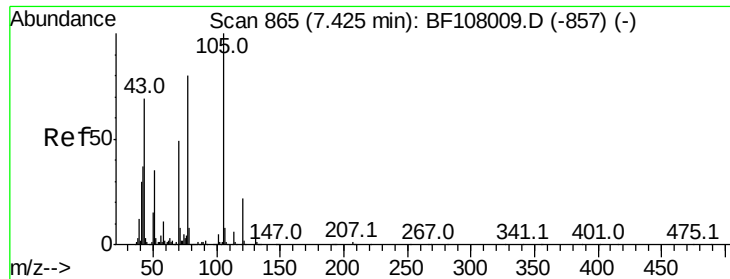
Sohil
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#18
Hexachloroethane
Concen: 43.029 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	107.0	75.7	113.5	





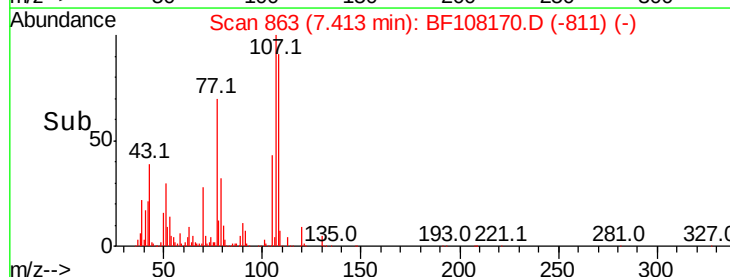
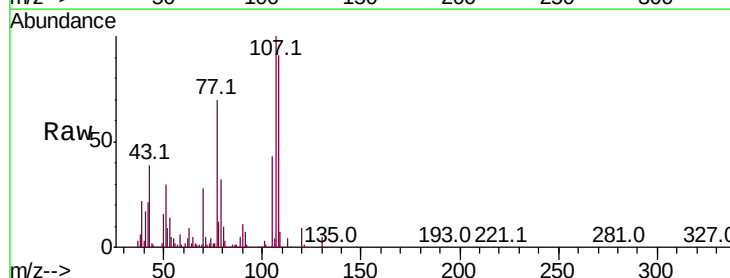
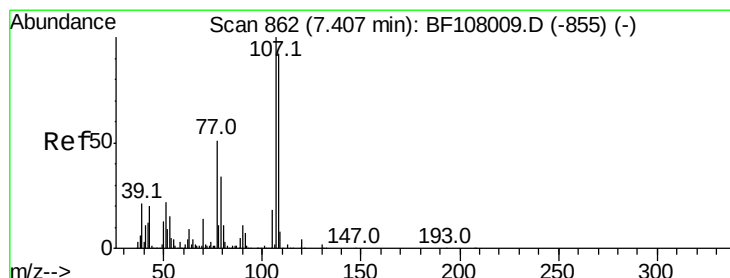
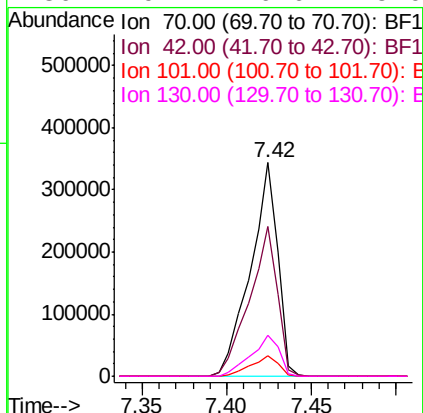
#19
n-Nitroso-di-n-propylamine
Concen: 41.369 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Manual Integrations
APPROVED

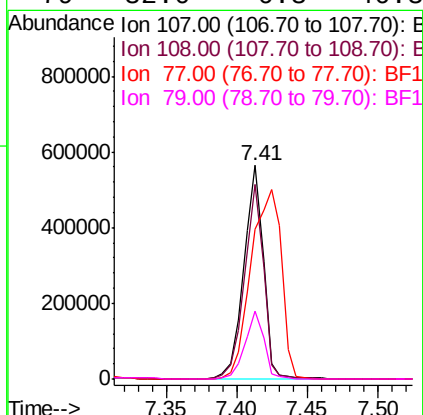
Sohil
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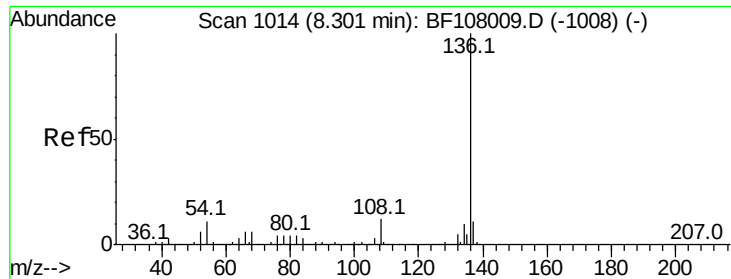
Tot Ion	Ratio	Lower	Upper
70	100		
42	70.1	47.5	71.3
101	9.5	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.047 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	70.1	26.7	66.7#
79	32.0	6.3	46.3





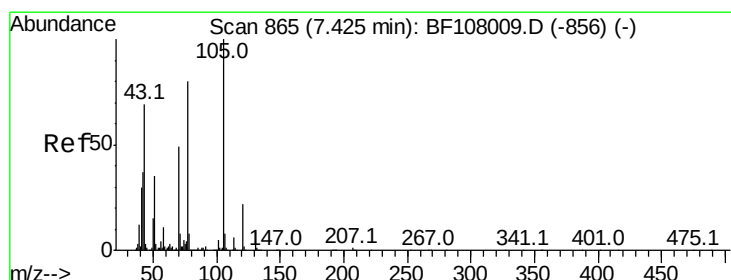
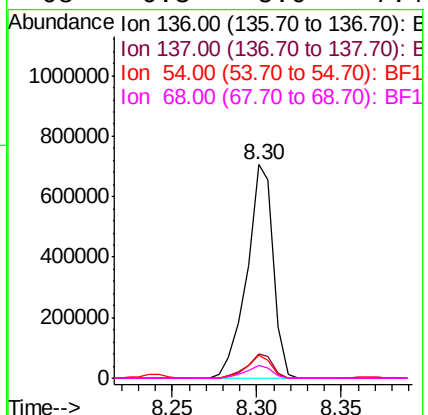
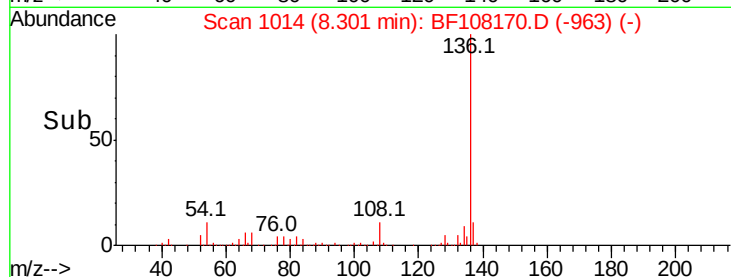
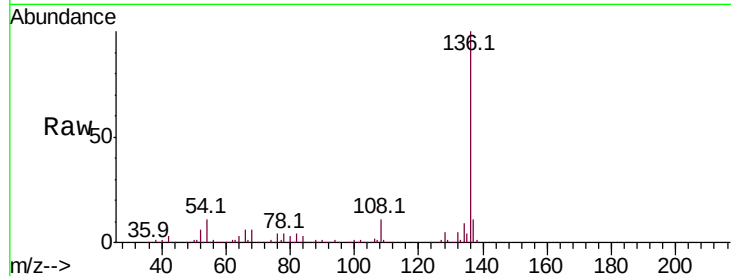
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	10.6	6.6	9.8	
68	6.3	5.0	7.4	

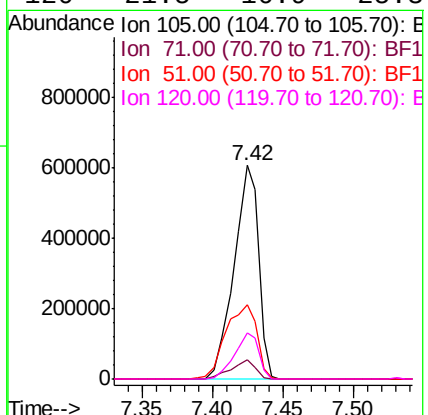
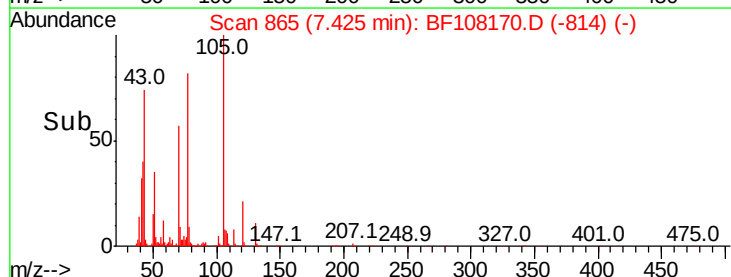
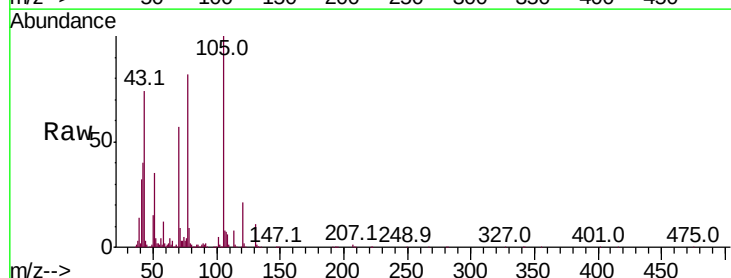
Manual Integrations
APPROVED

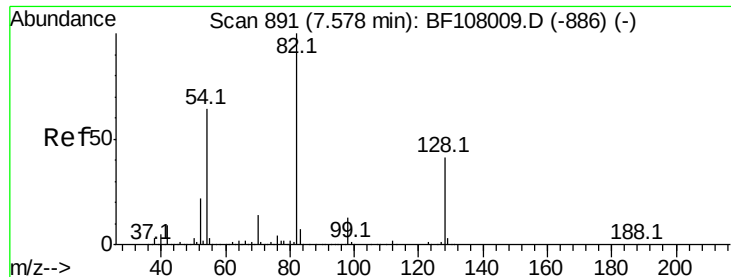
Sohil
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#22
Acetophenone
Concen: 40.736 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	4.4	6.6	
51	34.9	22.3	33.5	
120	21.5	16.9	25.3	





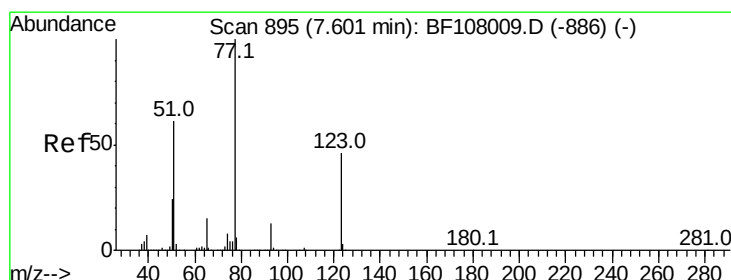
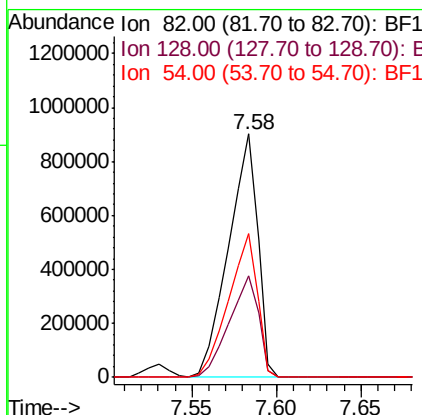
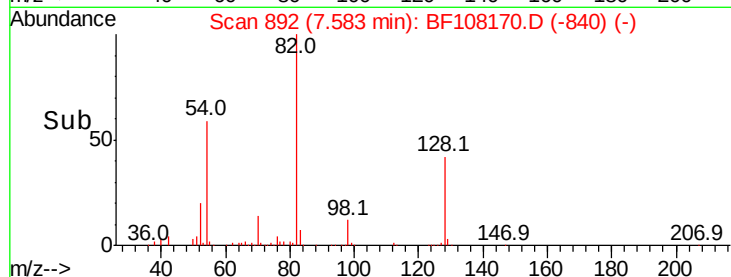
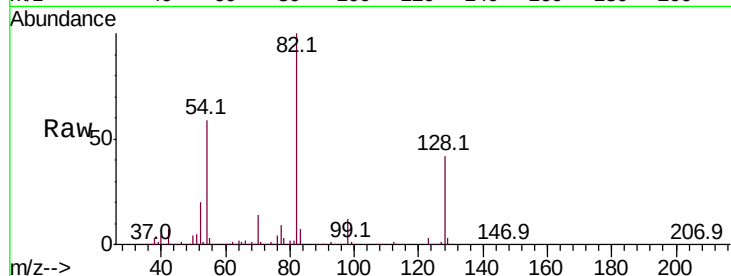
#23
 Nitrobenzene-d5
 Concen: 78.449 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	59.1	41.4	62.2

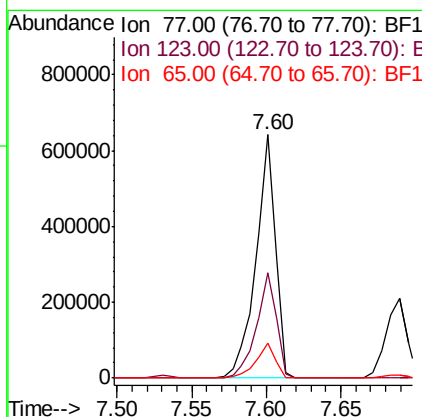
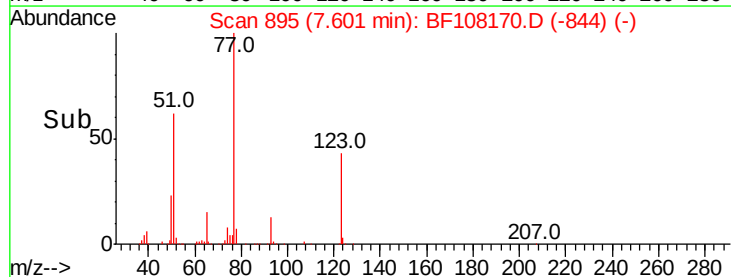
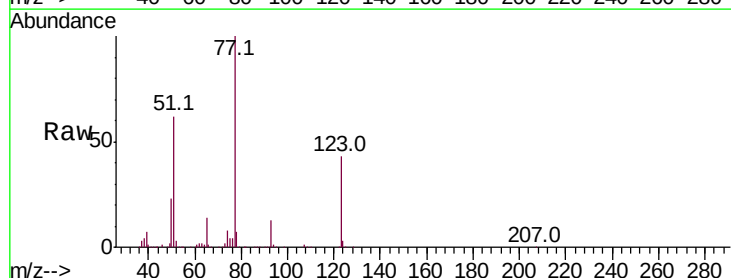
Manual Integrations
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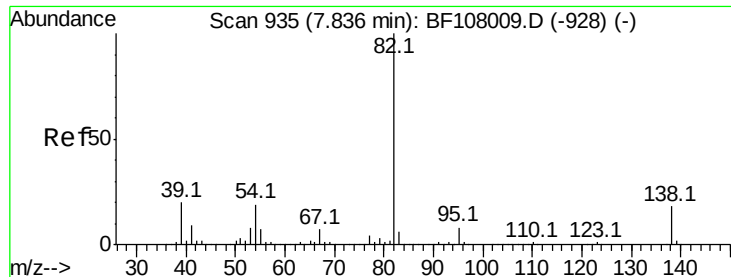
Sohil
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#24
 Nitrobenzene
 Concen: 41.335 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 40.392 ng

RT: 7.84 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB112068BS

Tot Ion: 82 Resp: 1060384

Ion Ratio Lower Upper

82 100

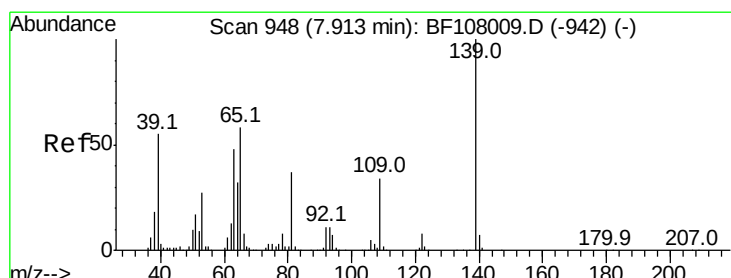
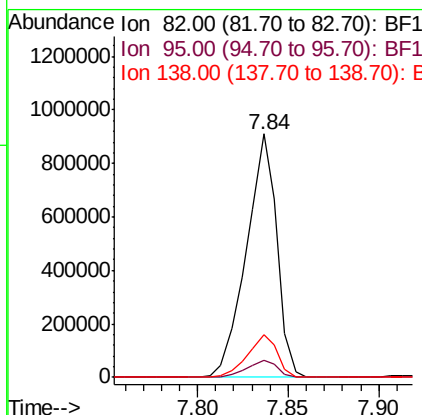
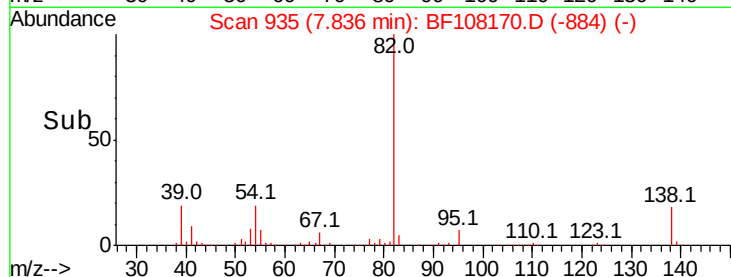
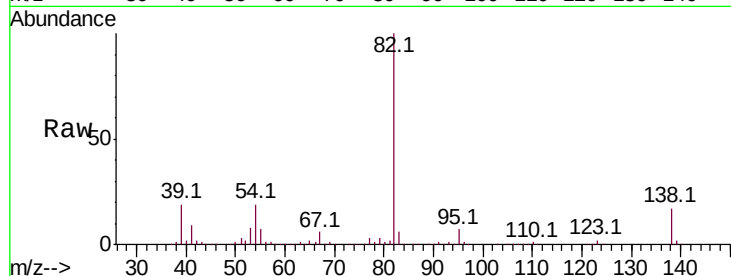
95 7.1 5.2 7.8

138 17.4 14.9 22.3

Manual Integrations
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Sohil

8/16/2018 5:27:02 PM



#26

2-Nitrophenol

Concen: 48.246 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

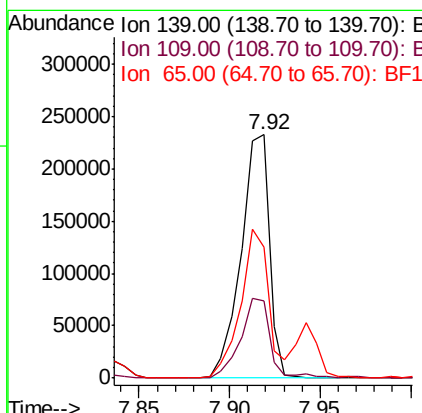
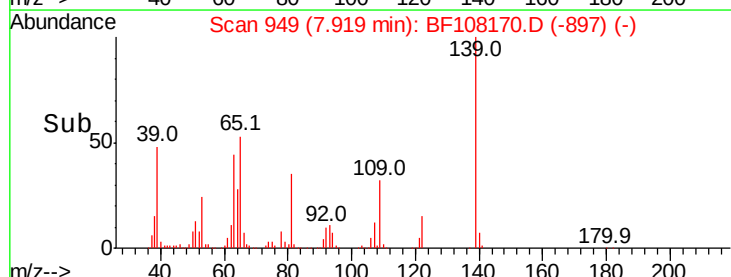
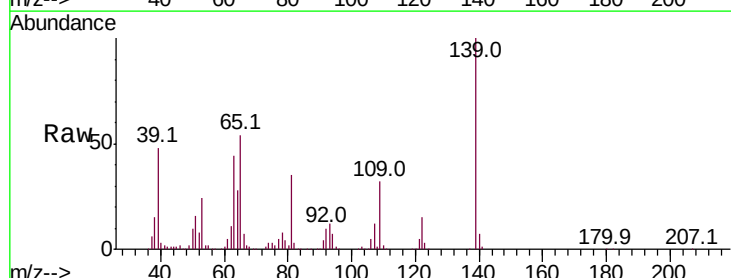
Tgt Ion: 139 Resp: 253763

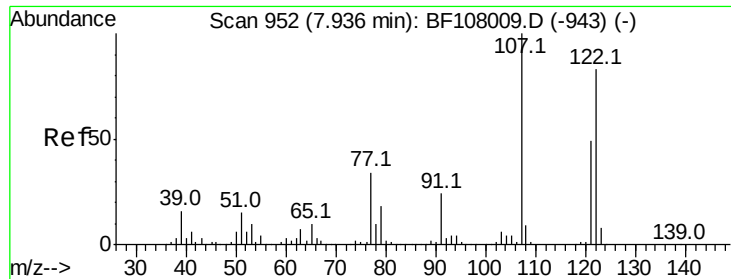
Ion Ratio Lower Upper

139 100

109 32.0 22.7 34.1

65 53.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.574 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

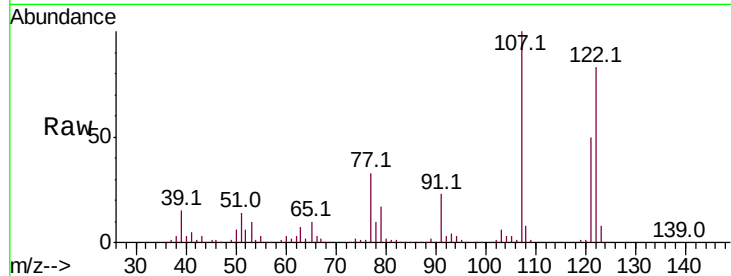
ClientSampleId :

PB112068BS

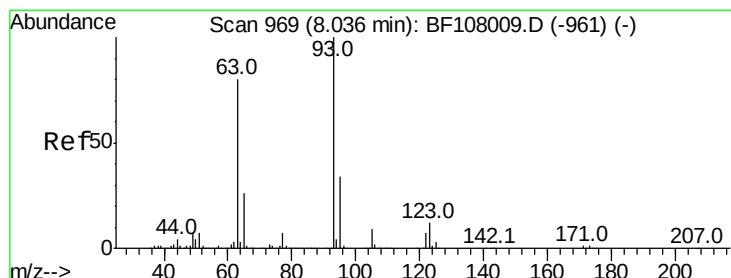
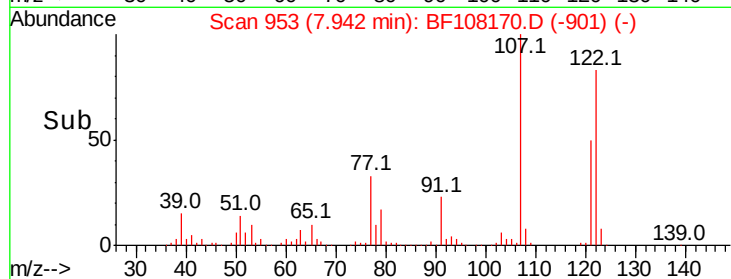
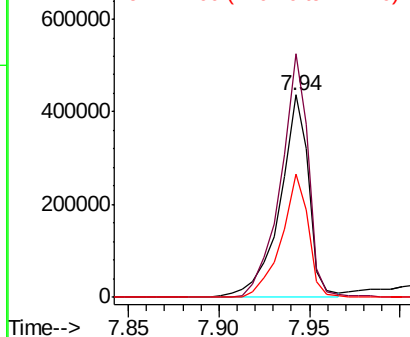
Tot Ion:	122	Resp:	484405
Ion Ratio	Lower	Upper	
122	100		
107	120.4	91.2	136.8
121	60.7	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.929 ng

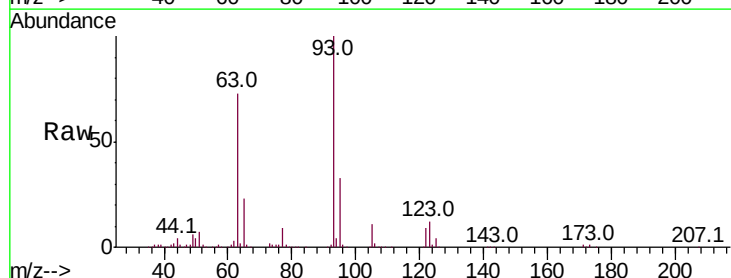
RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

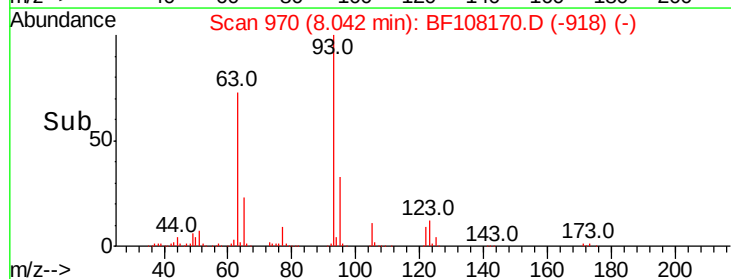
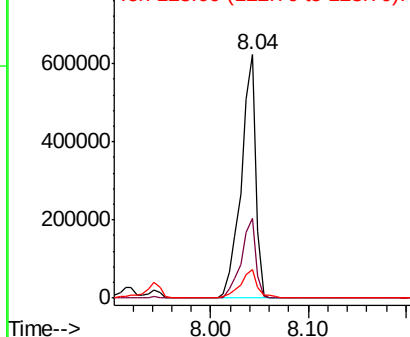
Lab File: BF108170.D

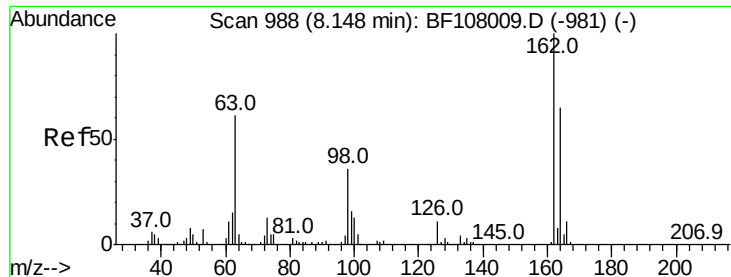
Acq: 15 Aug 2018 17:22

Tgt Ion:	93	Resp:	642588
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.8	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





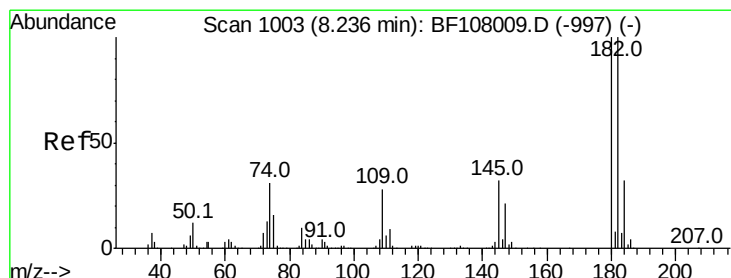
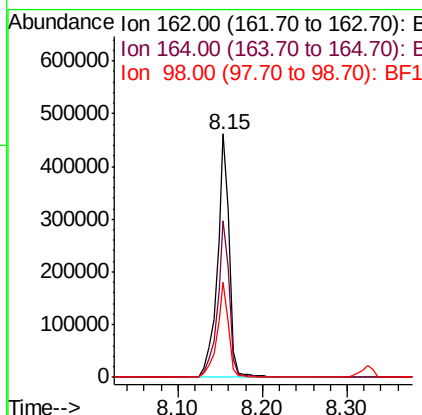
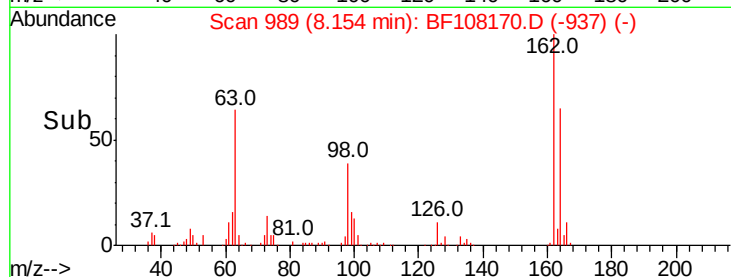
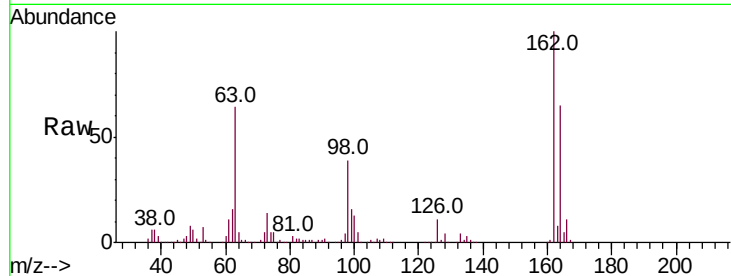
#29
2,4-Dichlorophenol
Concen: 43.326 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	464571		
164	64.5	42.7	82.7	
98	39.2	18.1	58.1	

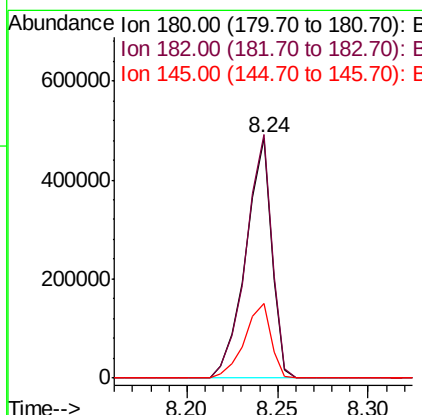
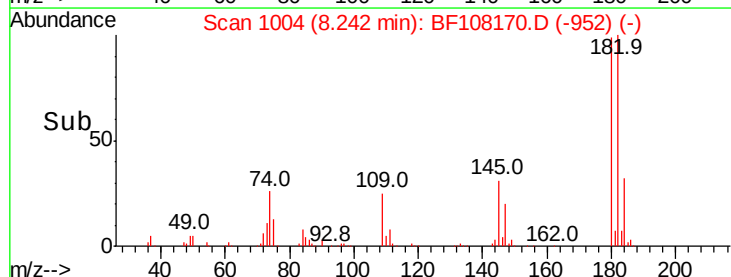
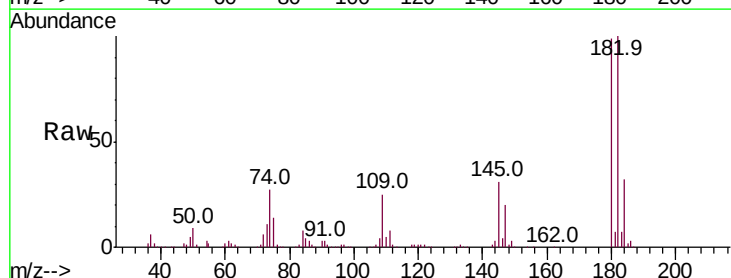
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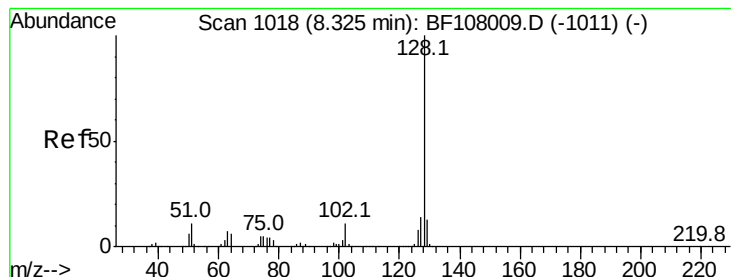
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#30
1,2,4-Trichlorobenzene
Concen: 41.019 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	484923		
182	101.3	76.8	115.2	
145	31.1	26.5	39.7	





#31

Naphthalene

Concen: 42.490 ng

RT: 8.32 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

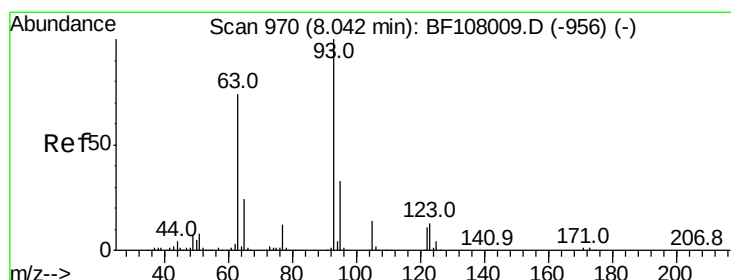
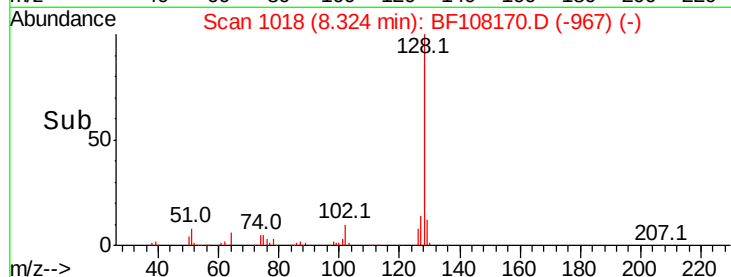
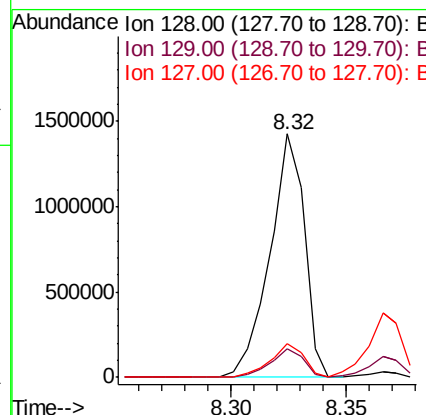
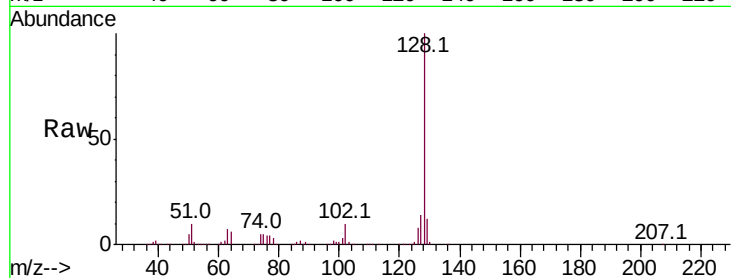
ClientSampleId :

PB112068BS

Tot Ion:	128	Resp:	1485154
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.9	10.9	16.3

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#32

Benzoic acid

Concen: 36.290 ng

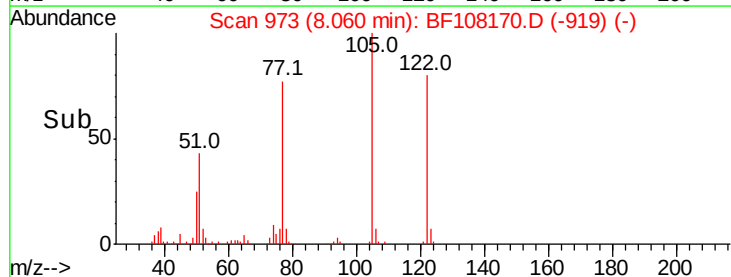
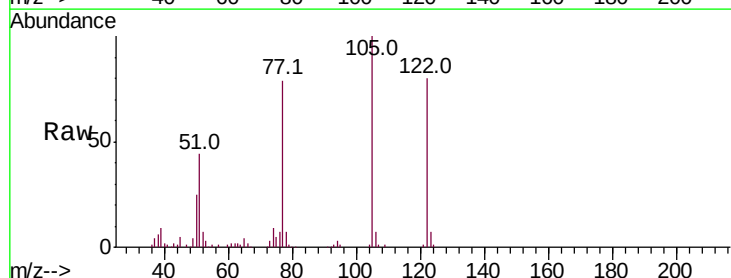
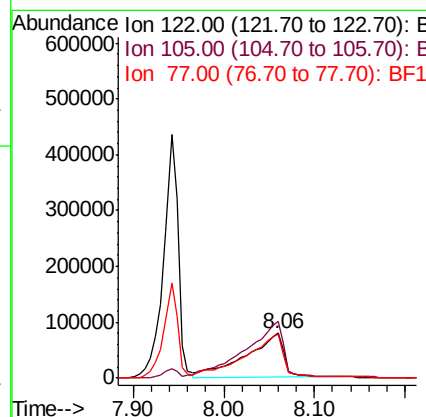
RT: 8.06 min Scan# 973

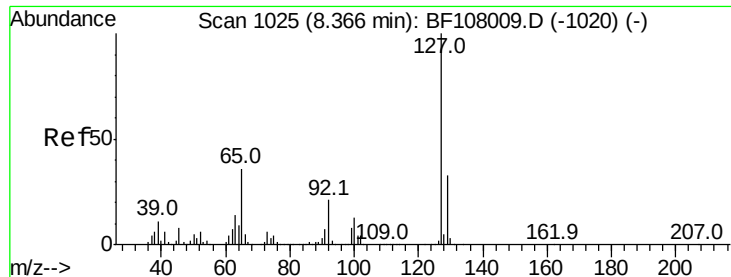
Delta R.T. 0.02 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Tgt Ion:	122	Resp:	234111
Ion	Ratio	Lower	Upper
122	100		
105	125.4	101.1	141.1
77	98.9	70.7	110.7





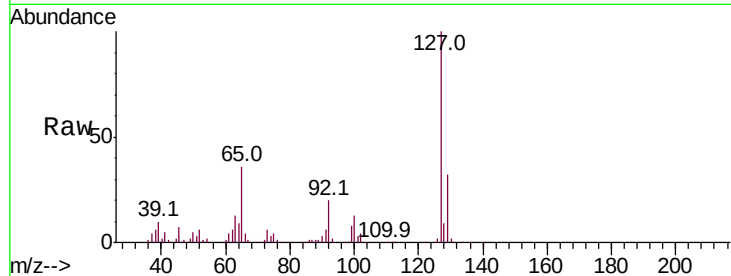
#33
4-Chloroaniline
Concen: 25.773 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	35.9	25.0	37.4	
92	19.7	15.2	22.8	

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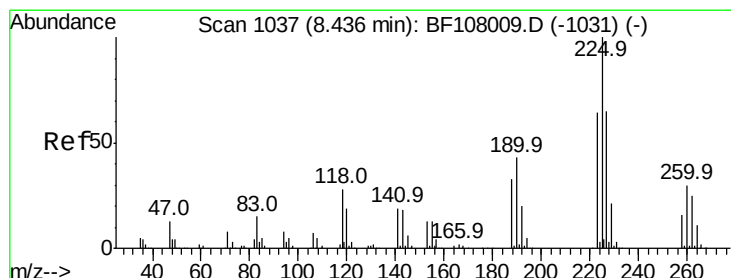
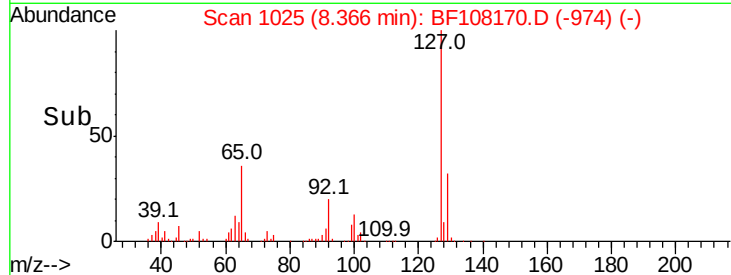
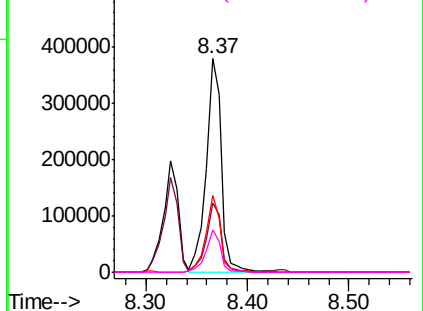
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

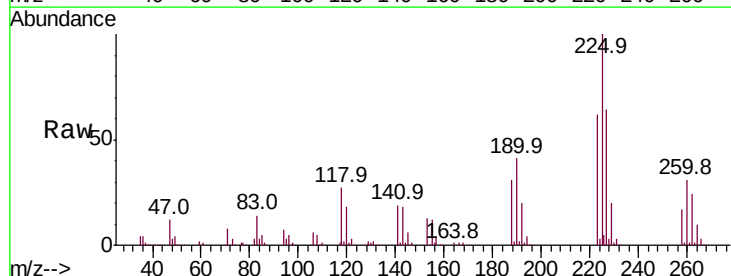
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.951 ng
RT: 8.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	64.0	51.9	77.9	

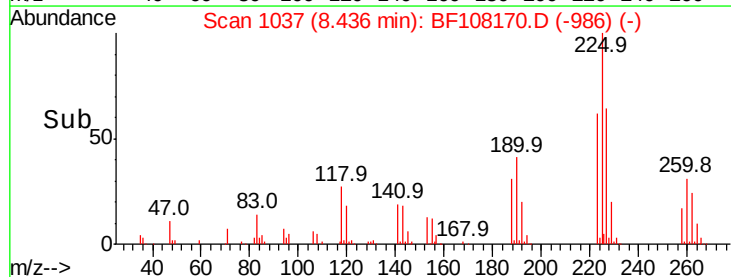
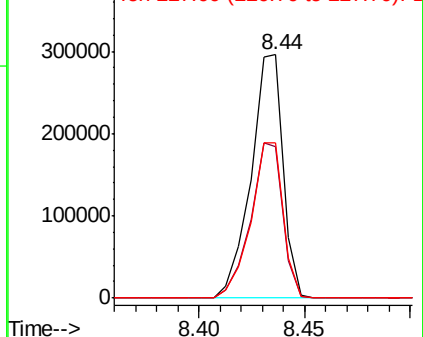


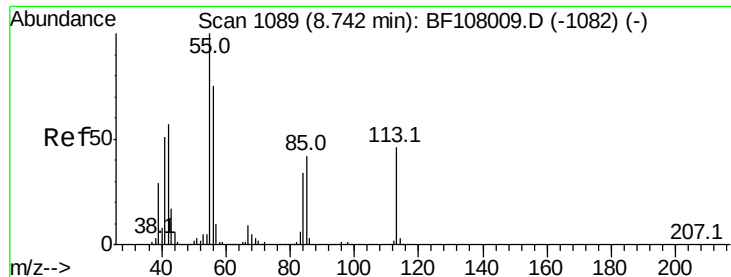
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.686 ng/ml

RT: 8.74 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleID :

PB112068BS

Tot Ion:113 Resp: 160236

Ion Ratio Lower Upper

113 100

55 214.1 163.3 203.3#

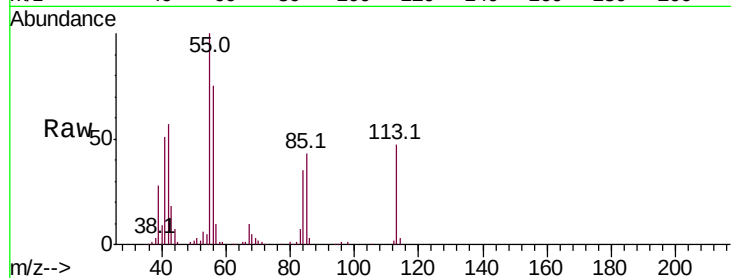
56 159.7 115.7 155.7#

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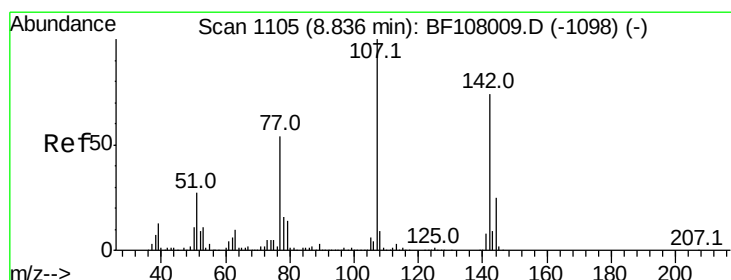
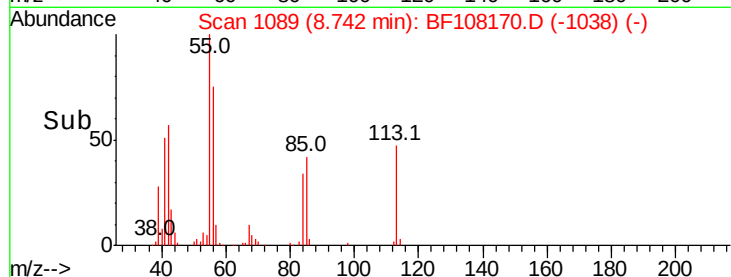
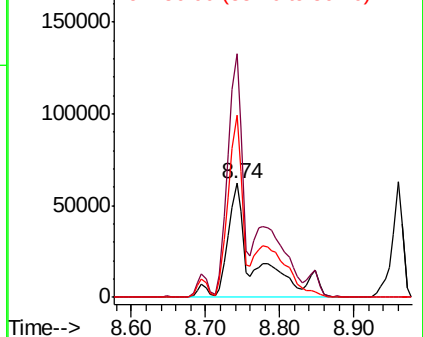
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.067 ng/ml

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

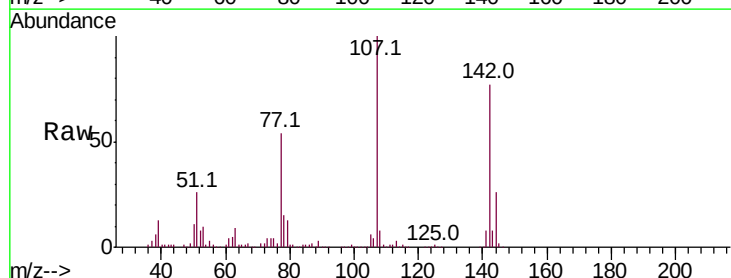
Tgt Ion:107 Resp: 486600

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

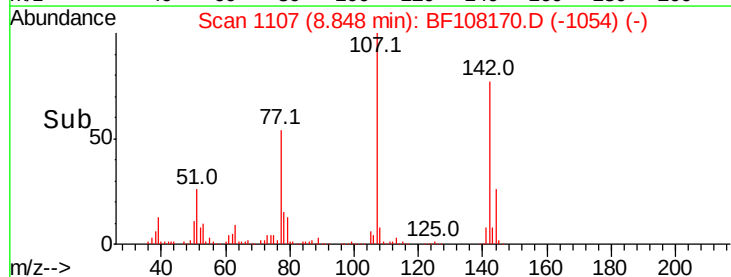
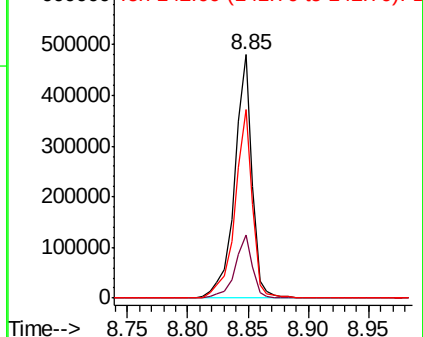
142 77.2 62.0 93.0

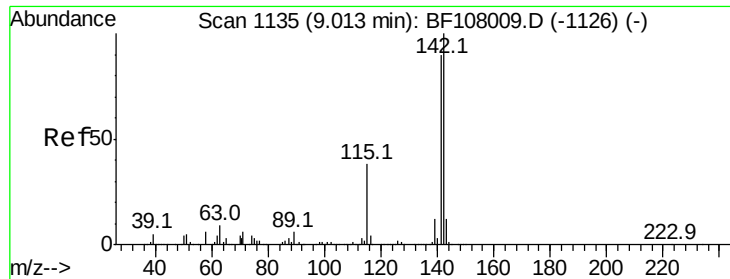


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





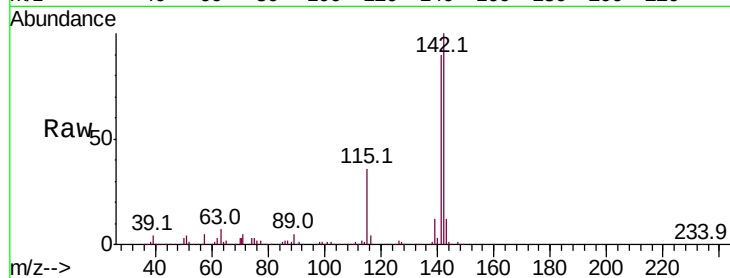
#37
2-Methylnaphthalene
Concen: 42.134 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	35.6	26.1	39.1

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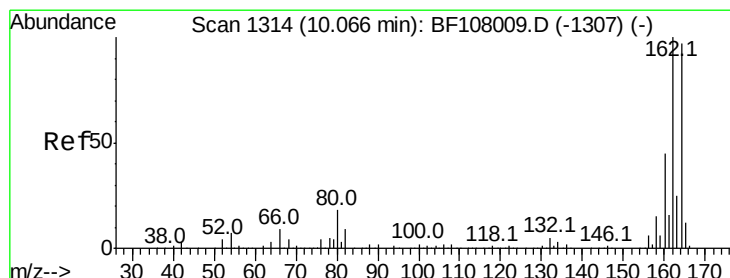
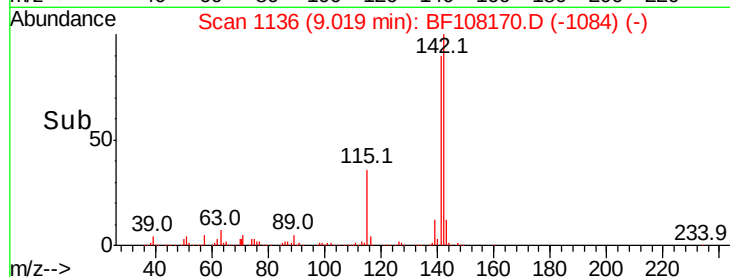
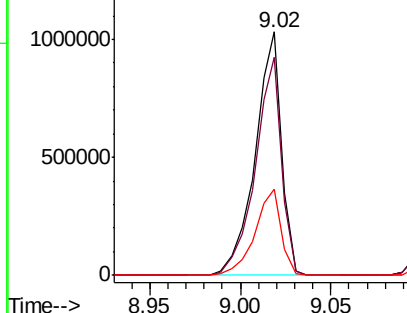


Abundance

Ion 142.00 (141.70 to 142.70): E

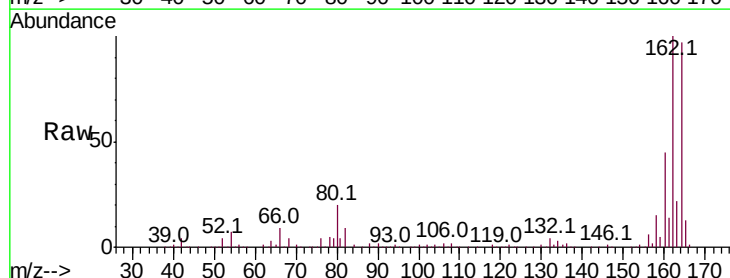
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.8	38.3	57.5

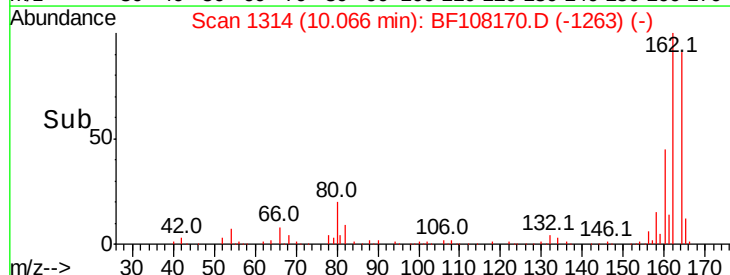
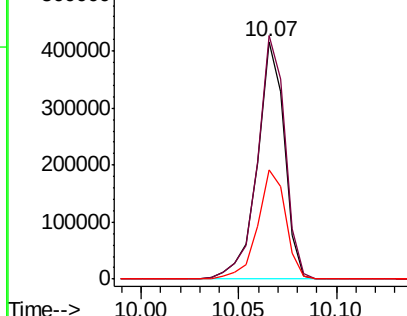


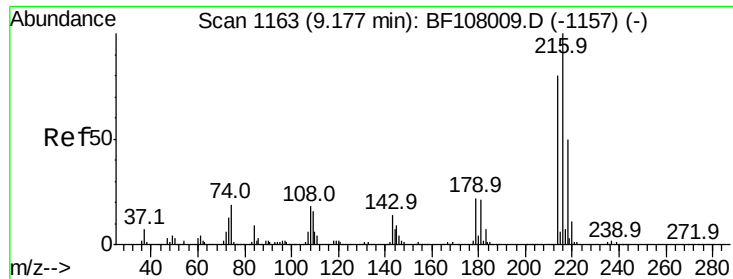
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





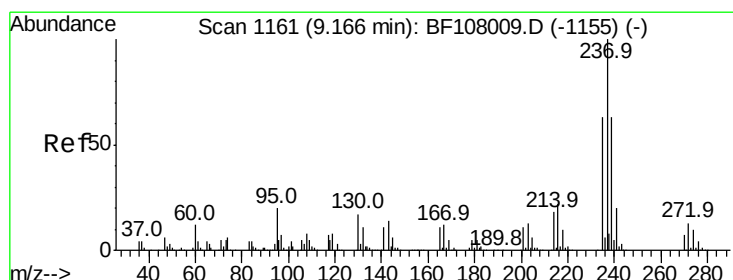
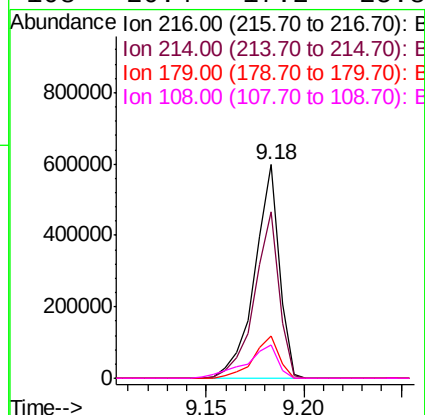
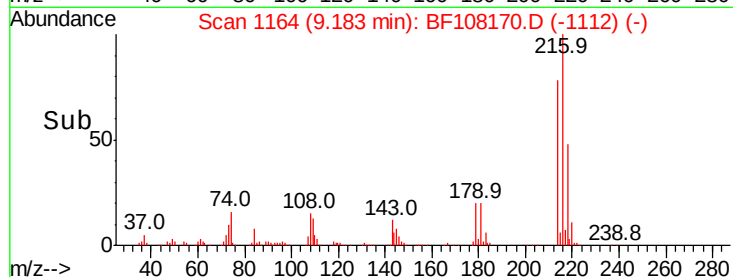
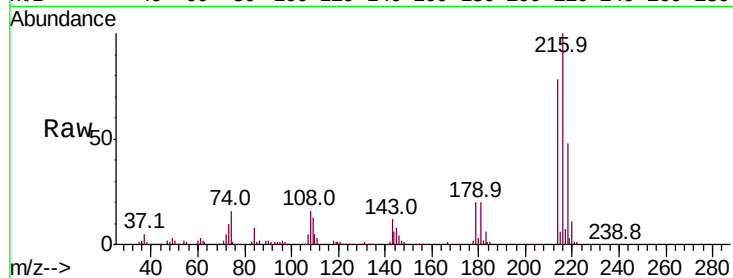
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.631 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	63.0	94.4
179	20.5	18.1	27.1
108	20.4	17.2	25.8

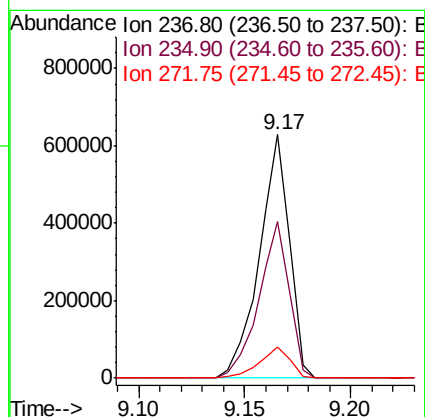
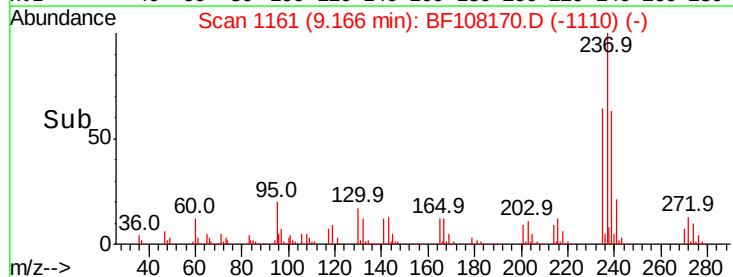
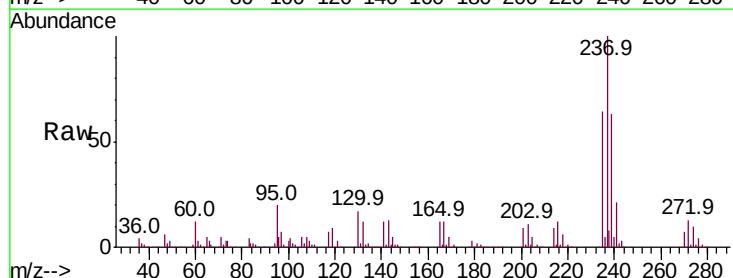
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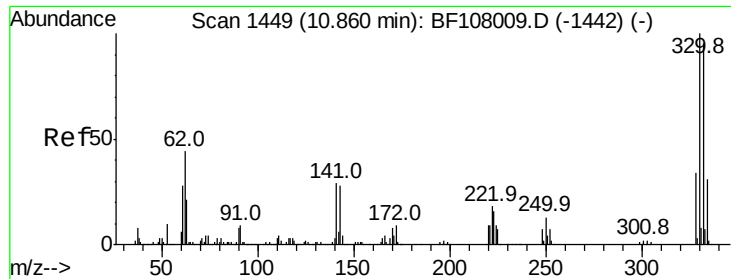
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#40
 Hexachlorocyclopentadiene
 Concen: 78.610 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	44.8	84.8
272	12.7	0.0	33.3





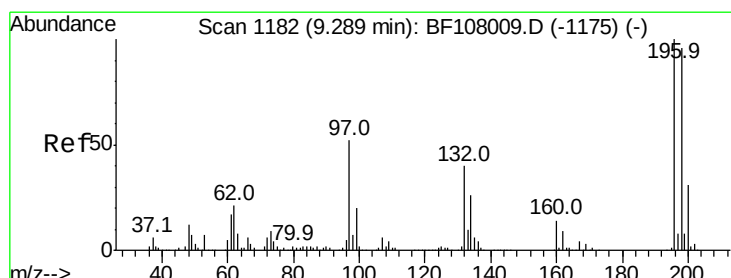
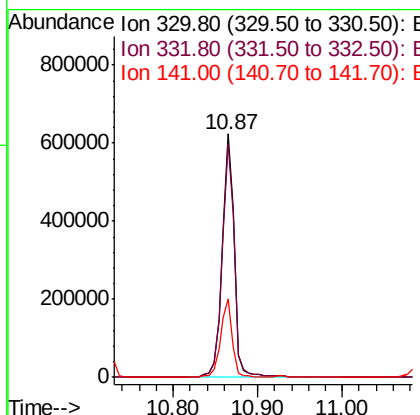
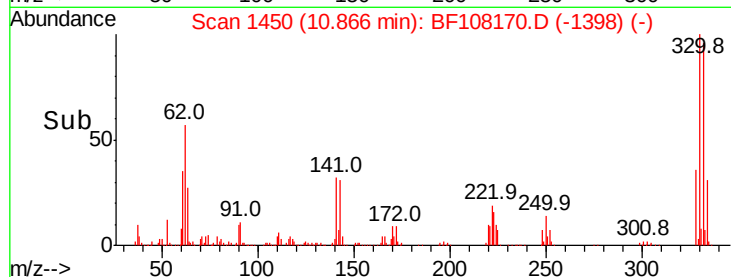
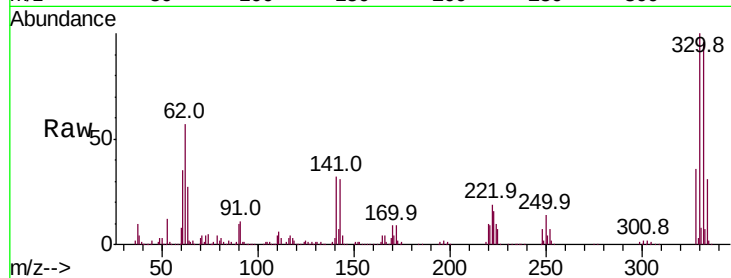
#41
 2,4,6-Tribromophenol
 Concen: 157.325 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	627044		
332	97.1		77.0	115.6
141	31.6		29.9	44.9

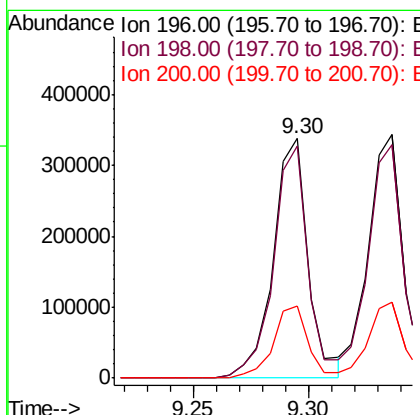
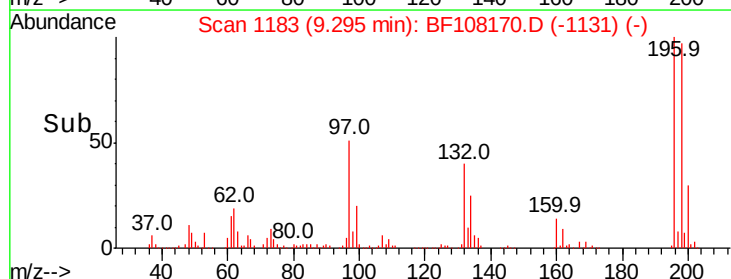
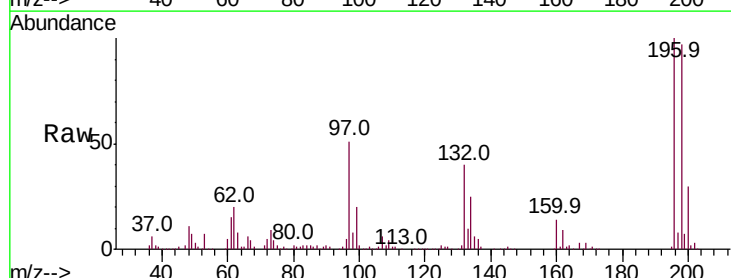
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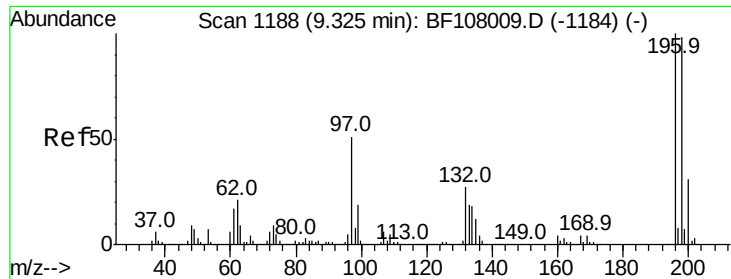
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#42
 2,4,6-Trichlorophenol
 Concen: 46.515 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	354186		
198	96.6		75.7	113.5
200	30.2		24.5	36.7





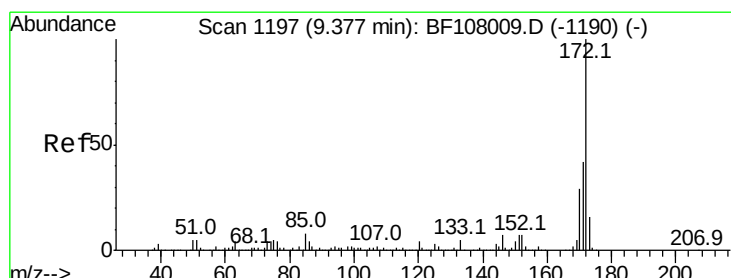
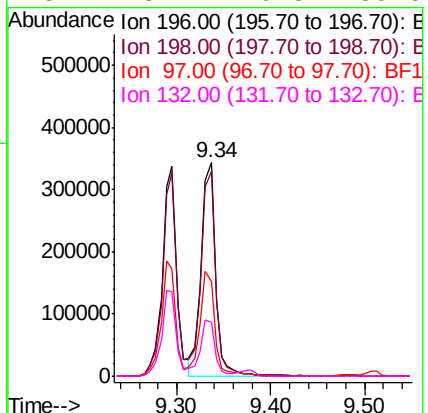
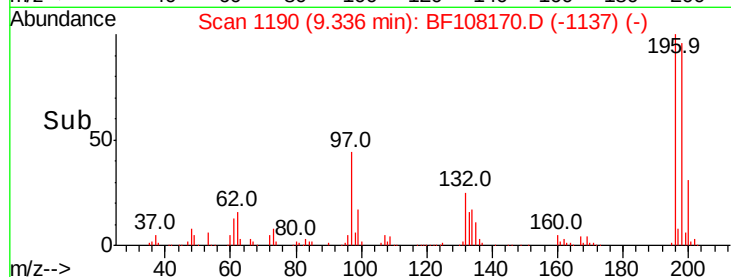
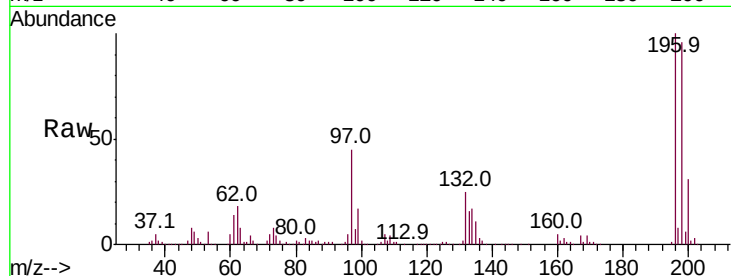
#43
 2,4,5-Trichlorophenol
 Concen: 44.174 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampled :
 PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	370270		
198	95.8	74.6	112.0	
97	44.5	42.9	64.3	
132	25.4	26.3	39.5#	

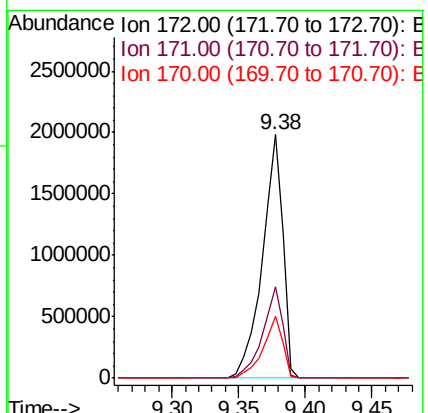
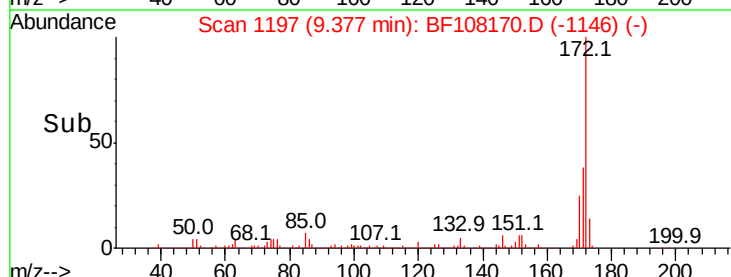
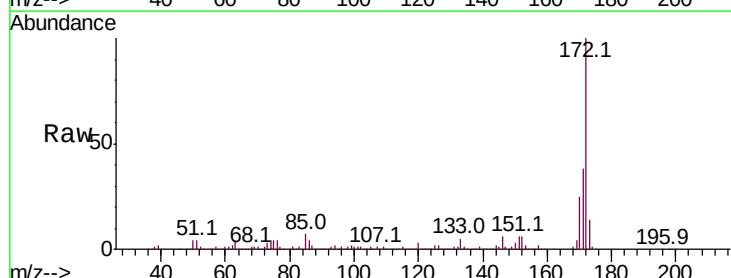
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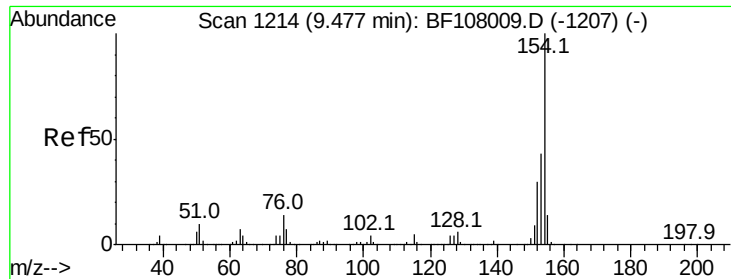
Sohil
 8/16/2018 5:27:02 PM



#44
 2-Fluorobiphenyl
 Concen: 84.223 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2096169		
171	37.5	29.7	44.5	
170	25.3	19.6	29.4	





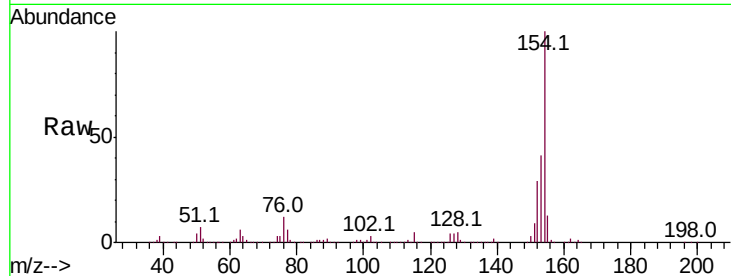
#45
 1,1'-Biphenyl
 Concen: 43.212 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

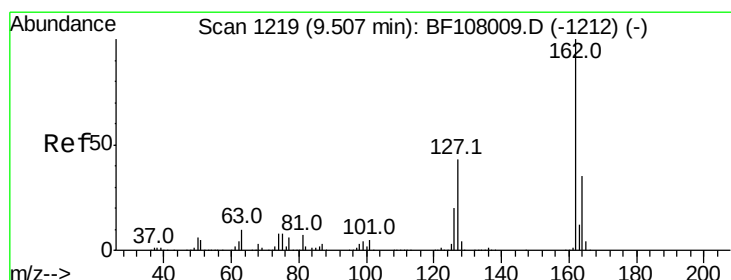
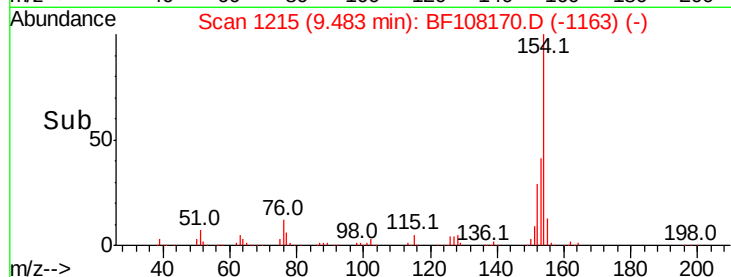
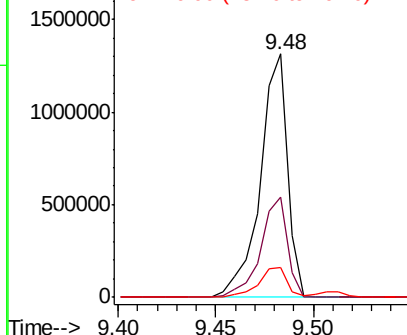
Tot Ion:	154	Resp:	1273046
Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	12.3	0.0	34.0

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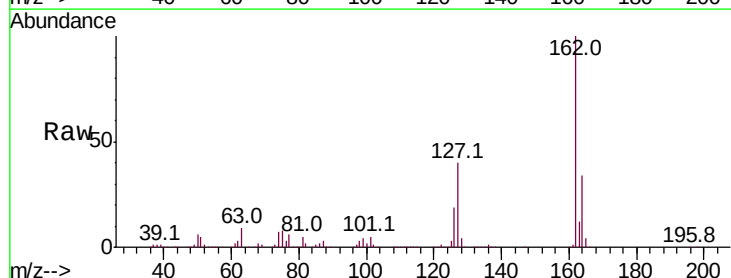


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

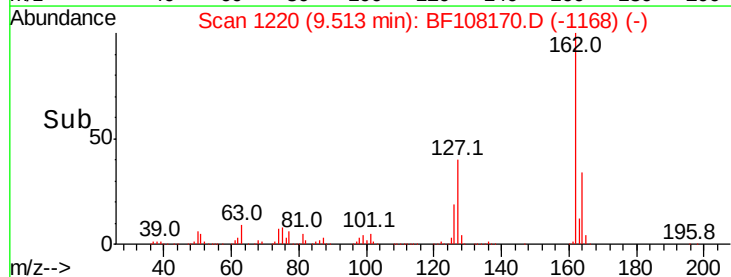
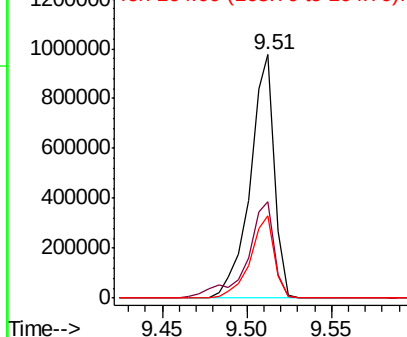


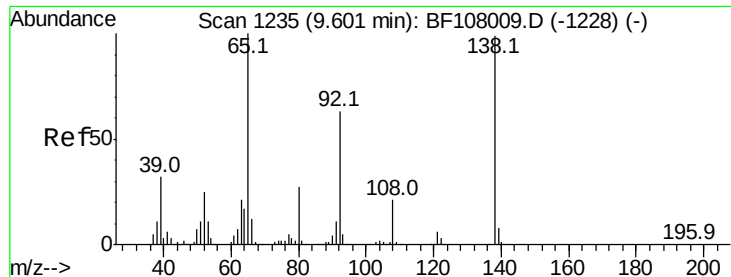
#46
 2-Chloronaphthalene
 Concen: 42.071 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion:	162	Resp:	979616
Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.7	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





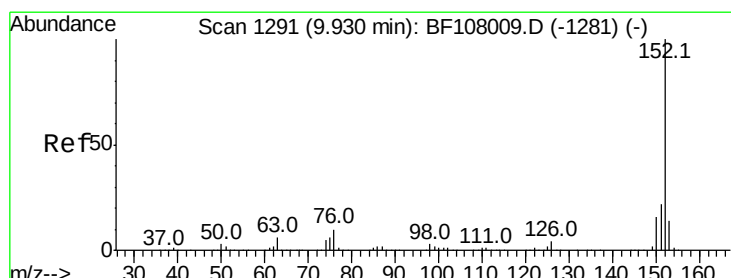
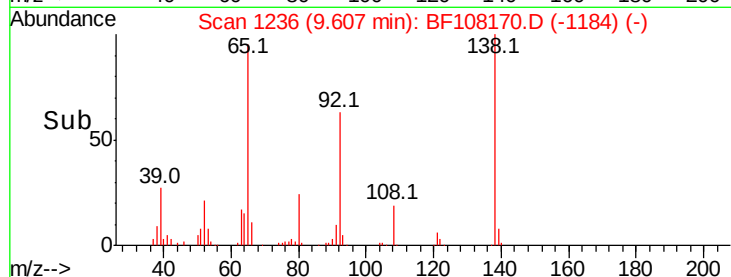
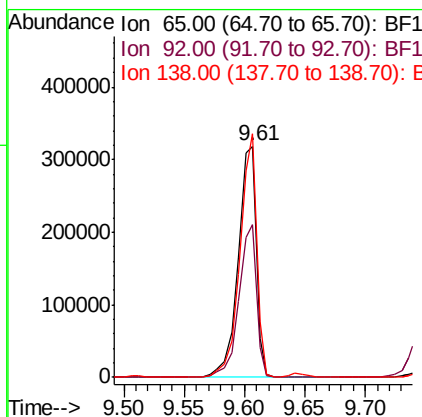
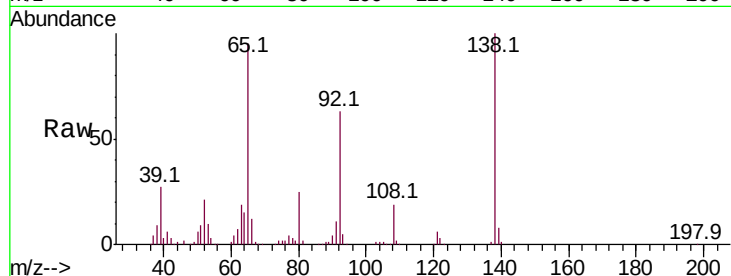
#47
2-Nitroaniline
Concen: 44.707 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	55.8	83.6
138	105.2	91.2	136.8

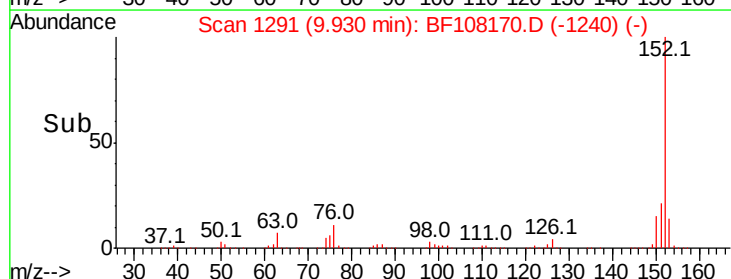
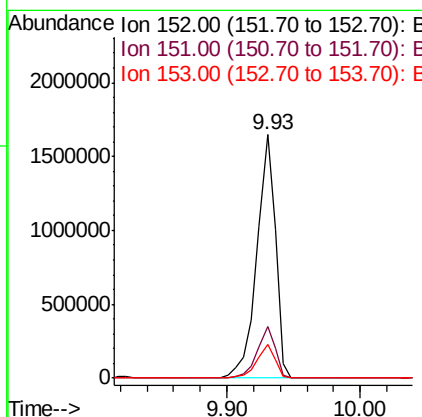
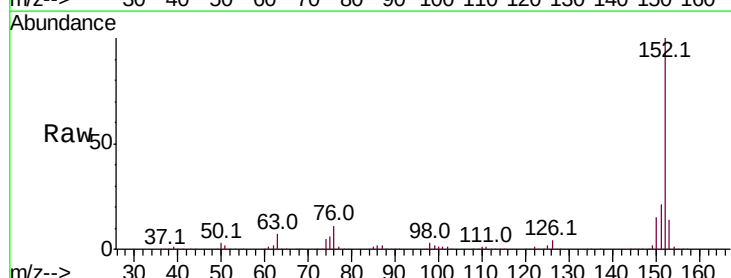
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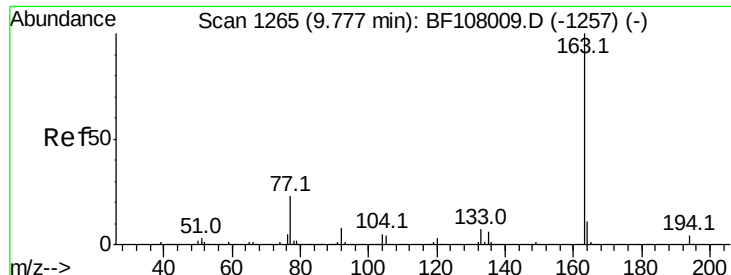
Sohil
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#48
Acenaphthylene
Concen: 42.442 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.9	10.7	16.1





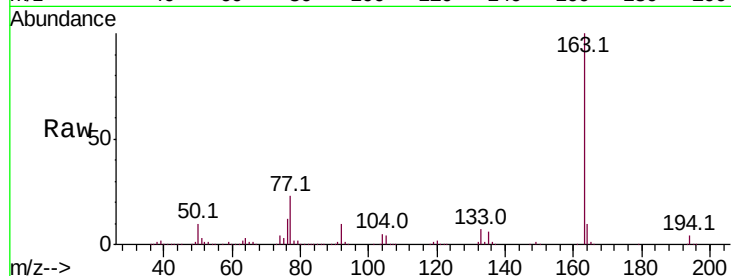
#49
Dimethylphthalate
Concen: 41.711 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

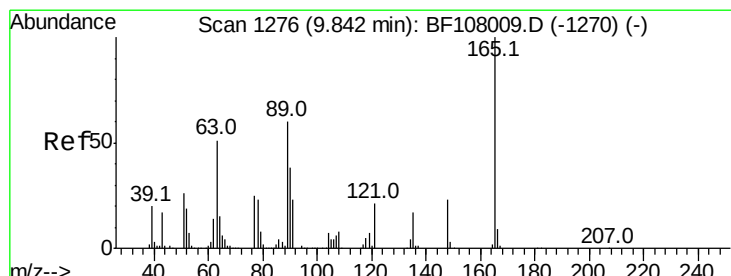
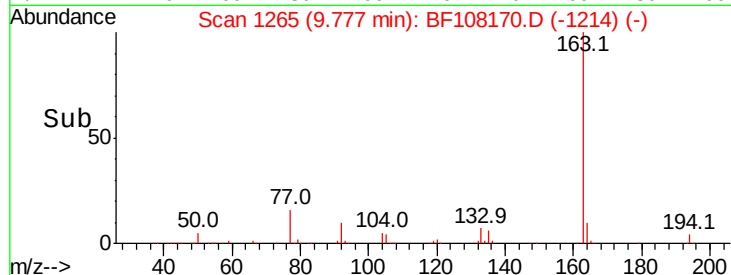
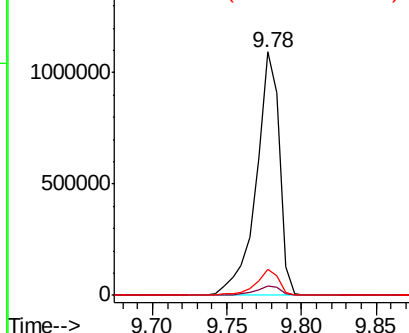
Tot Ion:163 Resp: 1160973
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.5 8.2 12.2

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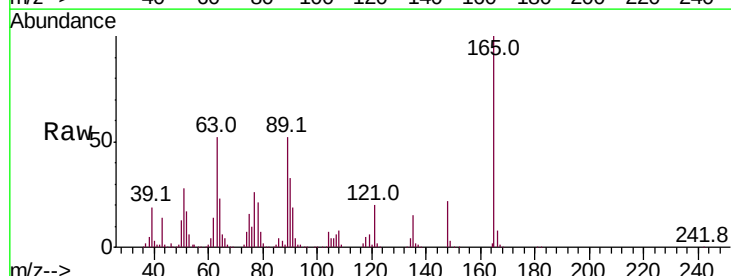


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

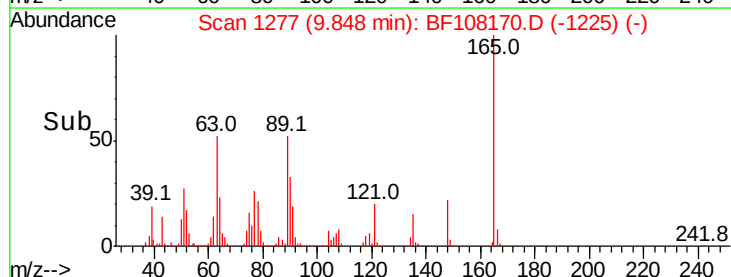
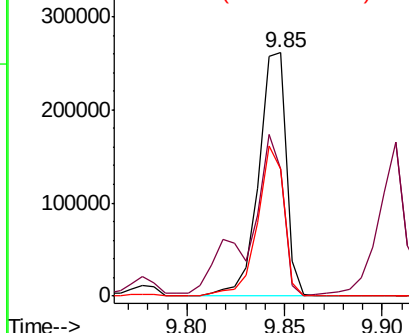


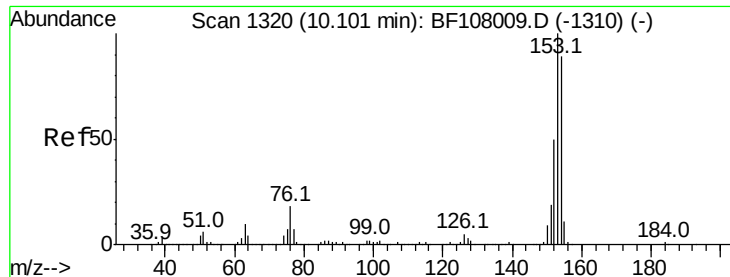
#50
2,6-Dinitrotoluene
Concen: 44.134 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion:165 Resp: 257007
Ion Ratio Lower Upper
165 100
63 52.0 44.7 67.1
89 52.0 44.0 66.0



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





#51

Acenaphthene

Concen: 41.039 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

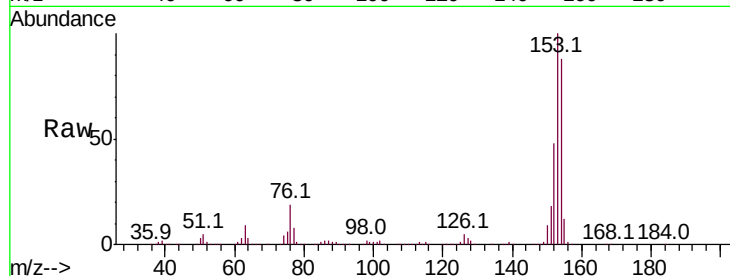
ClientSampled :

PB112068BS

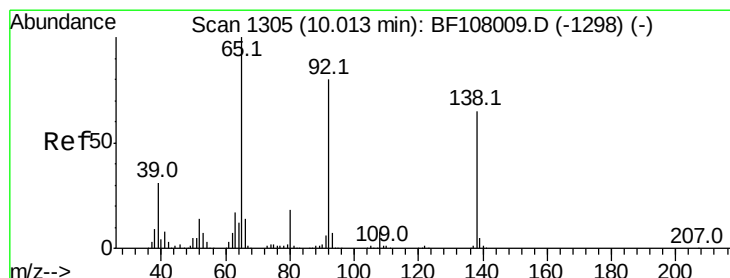
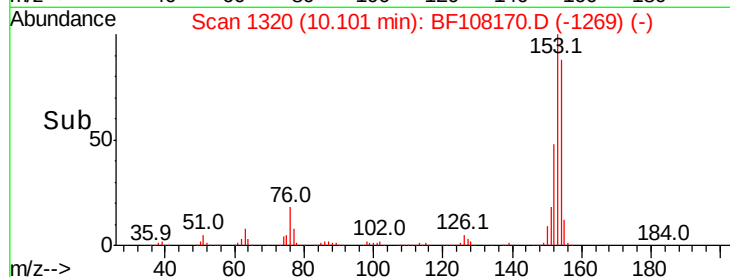
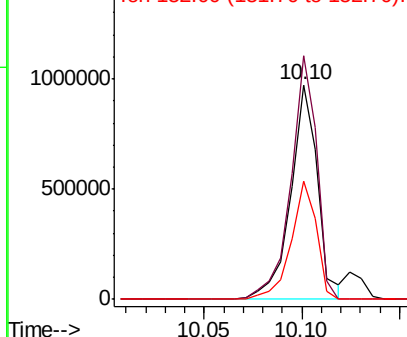
Tot Ion	154	Resp	925291
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	55.0	43.8	65.8

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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: 29.554 ng

RT: 10.02 min Scan# 1306

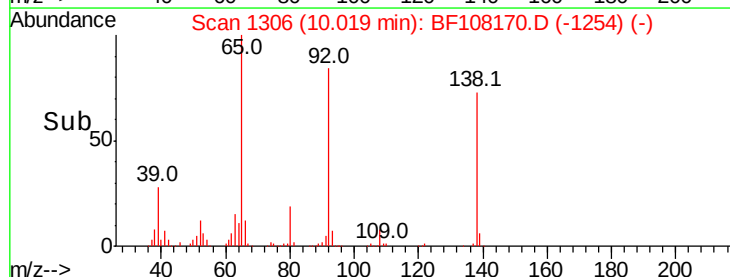
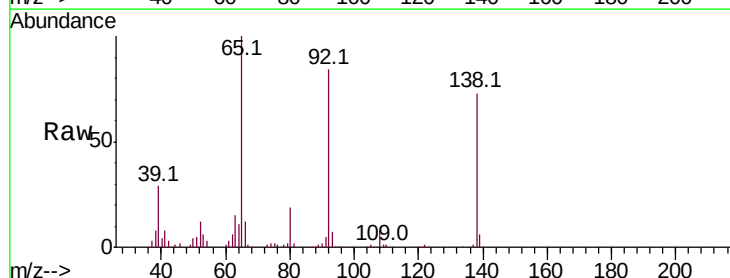
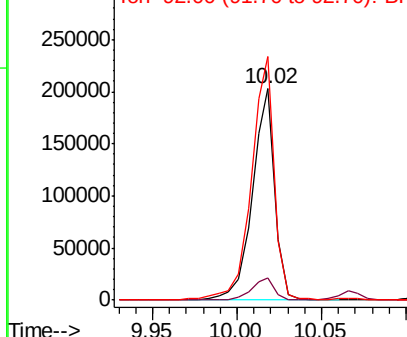
Delta R.T. 0.01 min

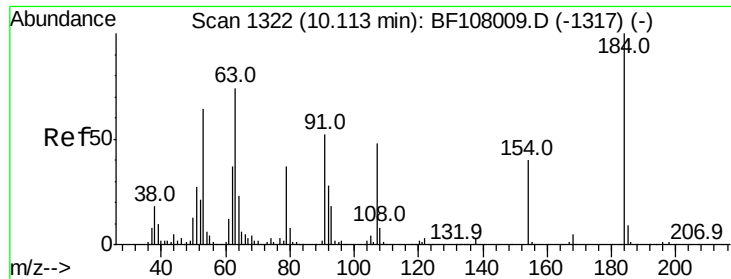
Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Tgt Ion	138	Resp	188303
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	115.1	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





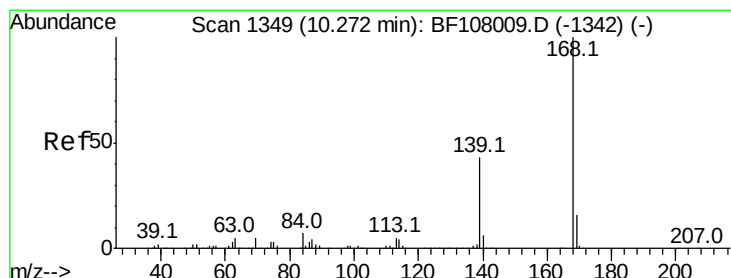
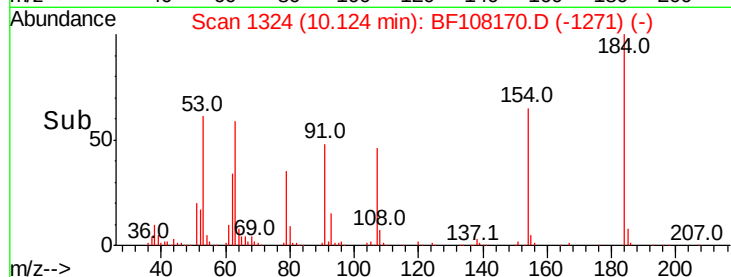
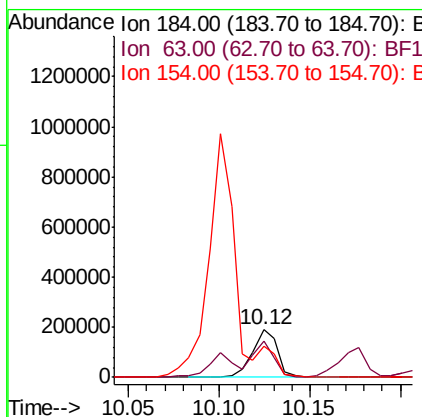
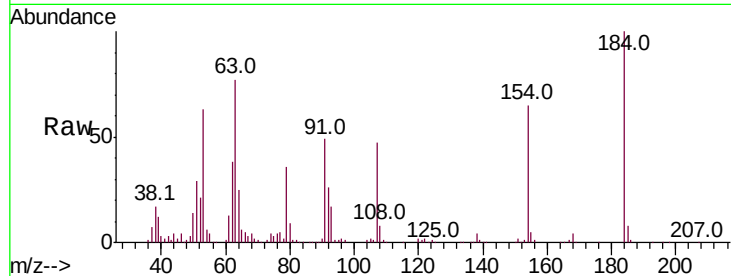
#53
2,4-Dinitrophenol
Concen: 84.159 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.7	54.2	81.2
154	64.7	184.0	276.0#

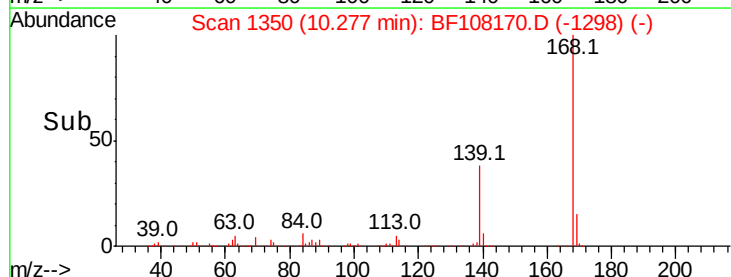
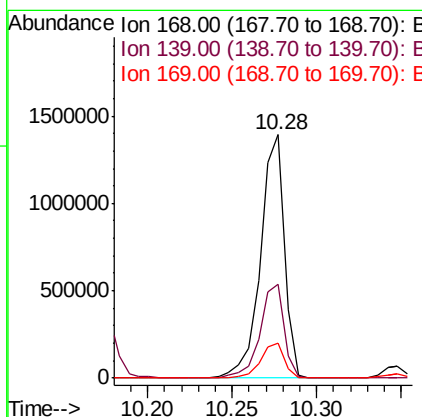
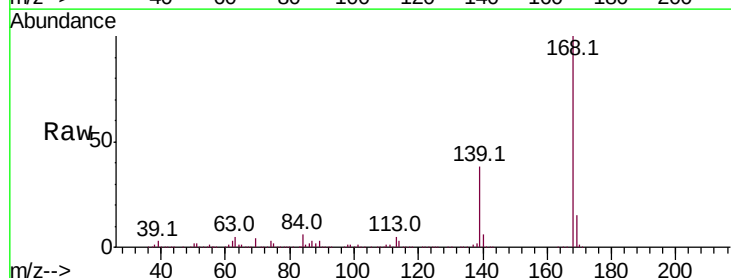
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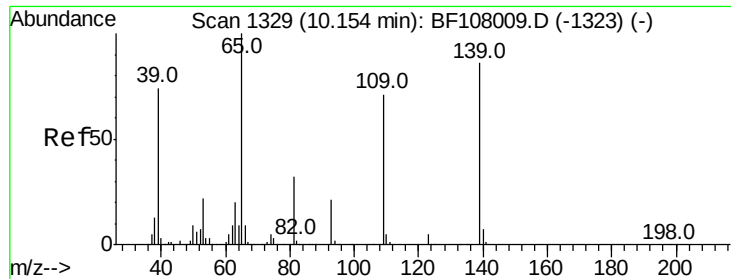
Sohil
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#54
Dibenzofuran
Concen: 41.810 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.6	10.9	16.3





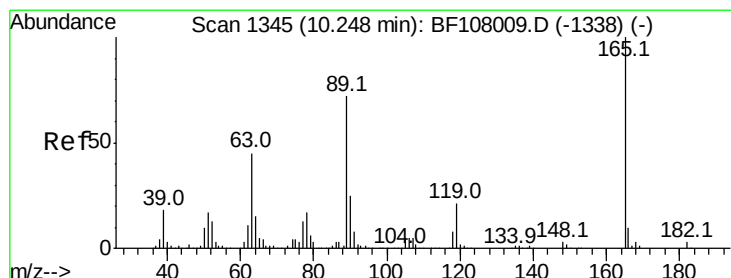
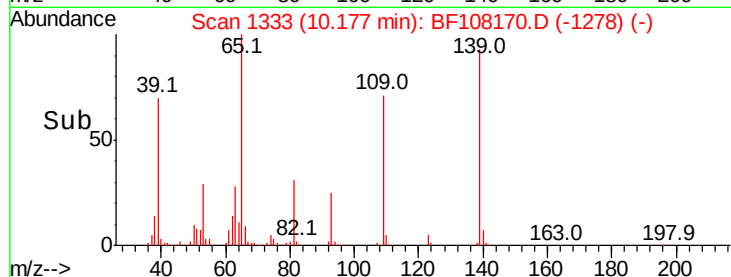
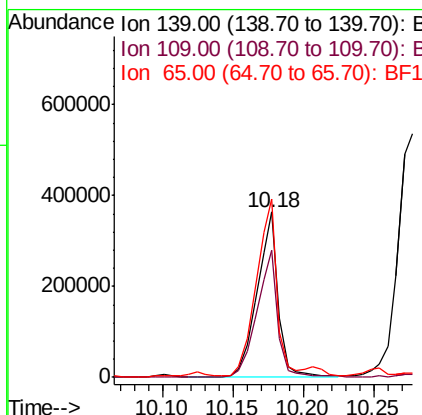
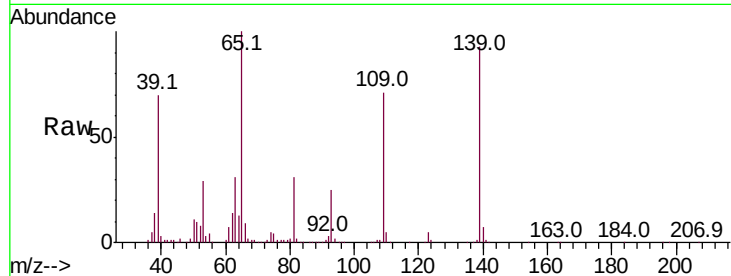
#55
4-Nitrophenol
Concen: 79.316 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.8	48.4	88.4
65	108.0	72.6	112.6

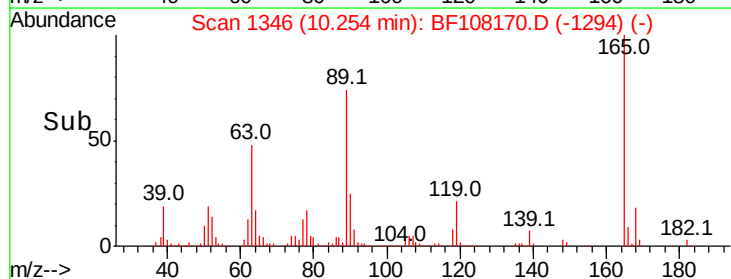
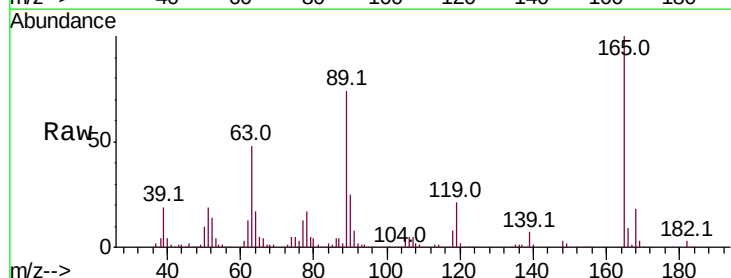
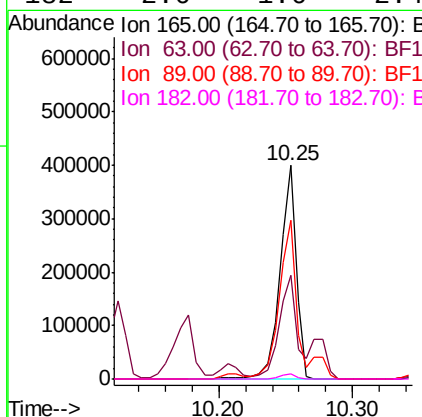
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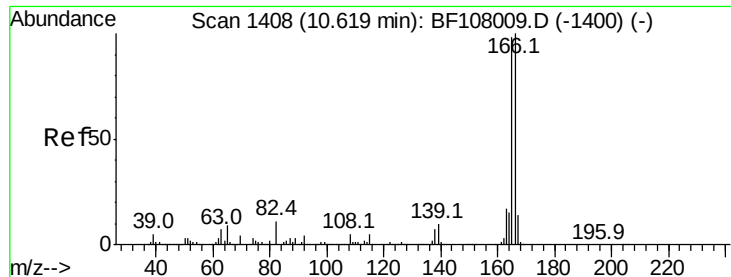
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.123 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.4	36.4	54.6
89	74.2	57.8	86.6
182	2.6	1.6	2.4





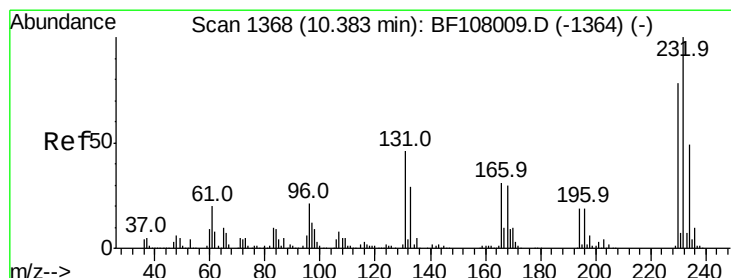
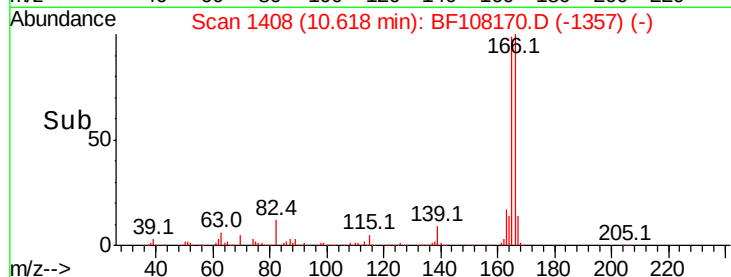
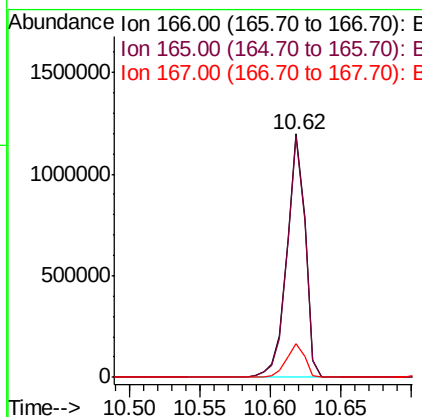
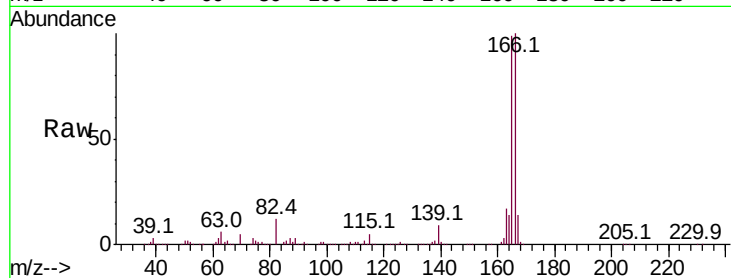
#57
 Fluorene
 Concen: 41.762 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.9	10.6	16.0

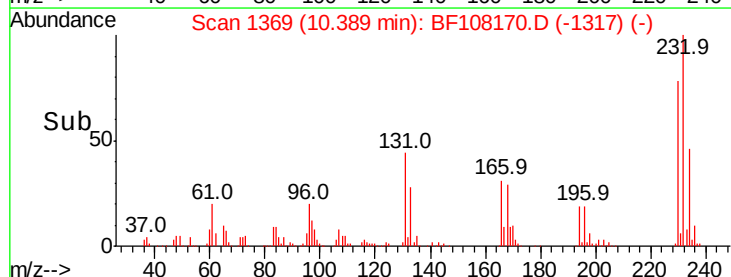
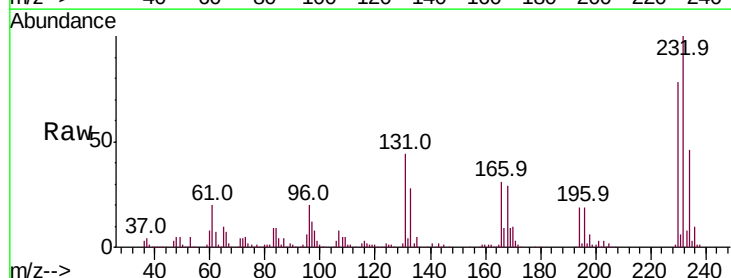
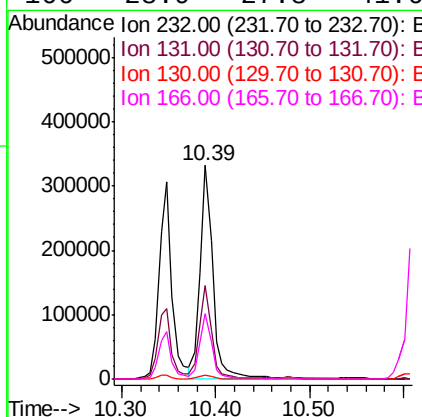
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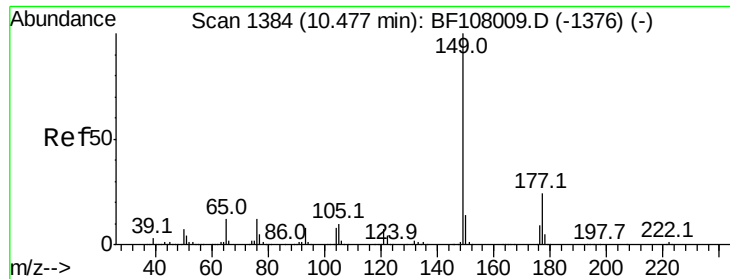
Sohil
 8/16/2018 5:27:02 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.249 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.2	43.8	65.8#
130	2.2	2.1	3.1
166	28.9	27.8	41.6





#59

Diethylphthalate

Concen: 41.633 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

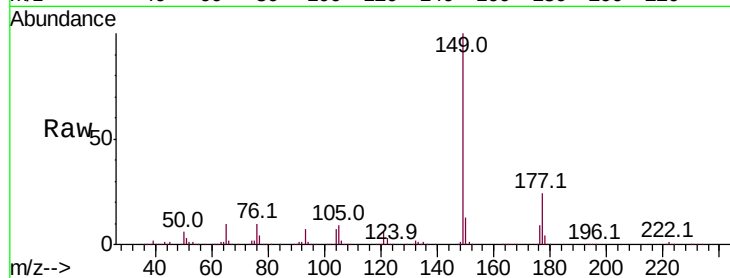
ClientSampleId :

PB112068BS

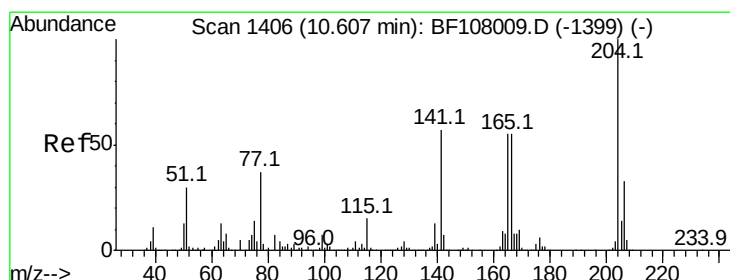
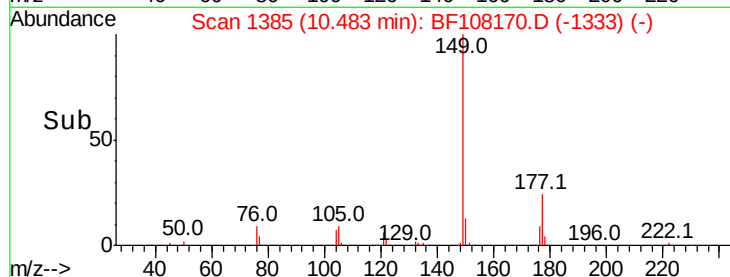
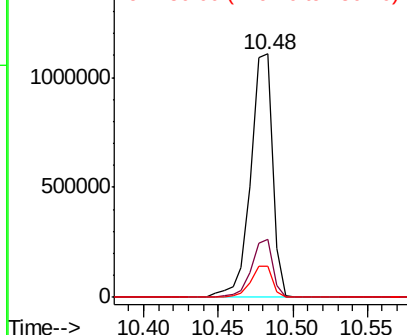
Tot Ion:	149	Resp:	1122103
Ion Ratio	Lower	Upper	
149	100		
177	23.7	16.1	24.1
150	12.5	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 41.378 ng

RT: 10.61 min Scan# 1406

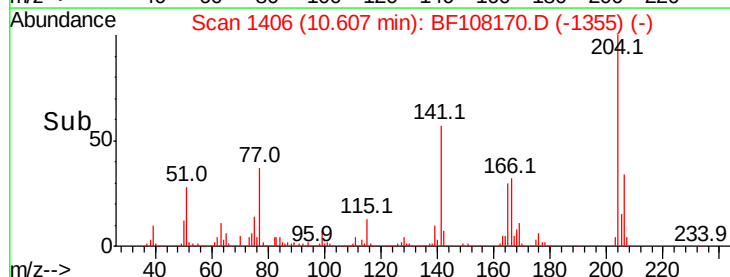
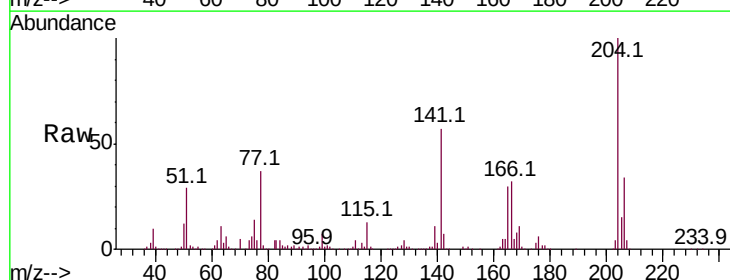
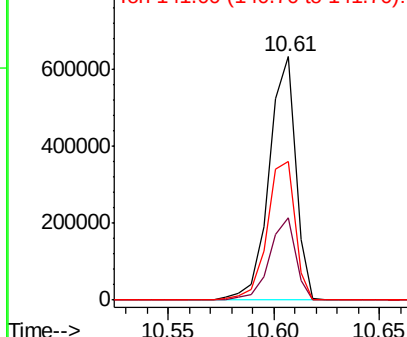
Delta R.T. -0.00 min

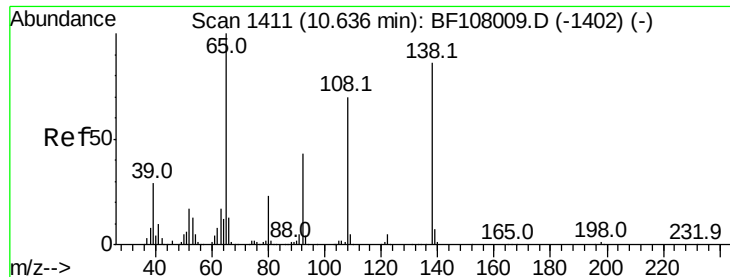
Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Tgt Ion:	204	Resp:	557529
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.5	39.7
141	57.1	54.6	81.8

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





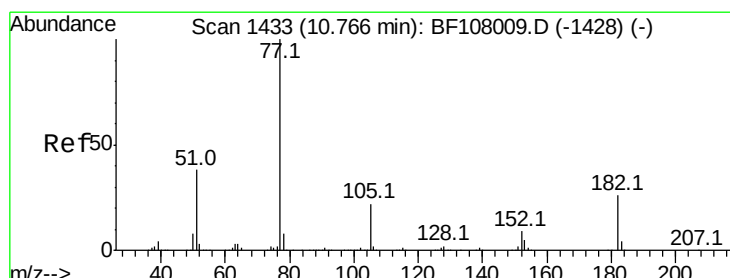
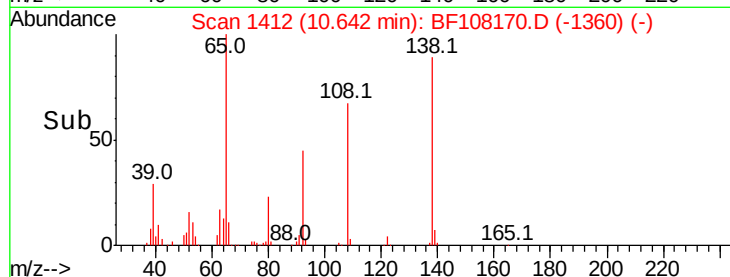
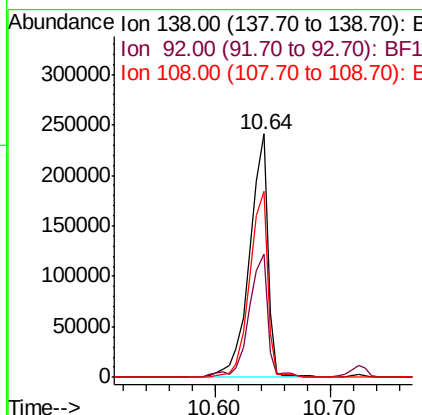
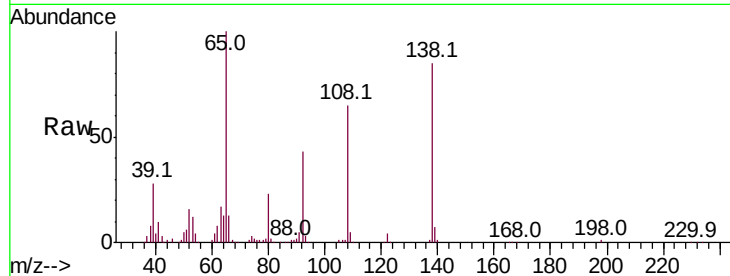
#61
4-Nitroaniline
Concen: 42.350 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.2	70.2
108	76.4	52.5	92.5

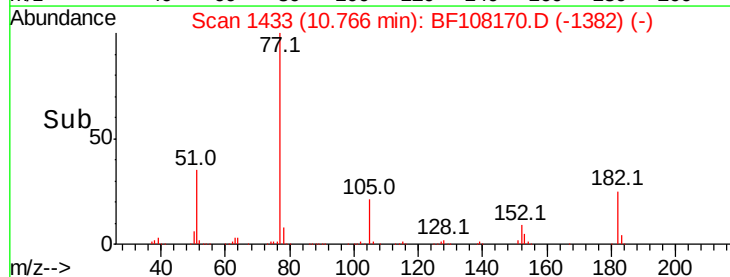
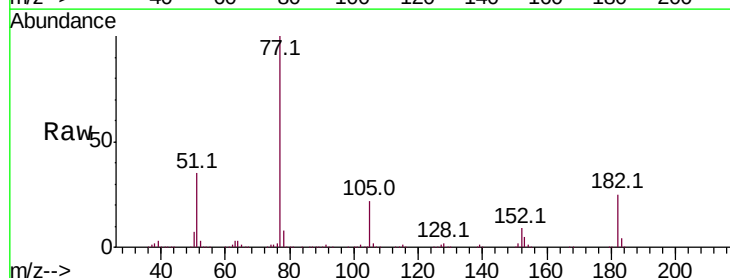
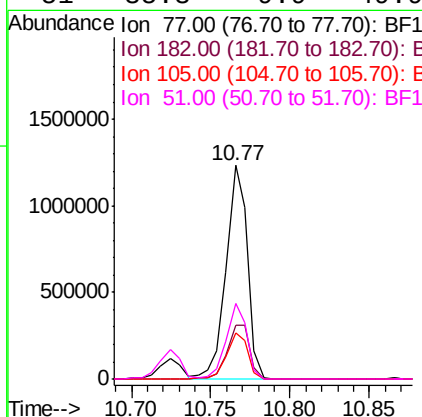
Manual Integrations
APPROVED

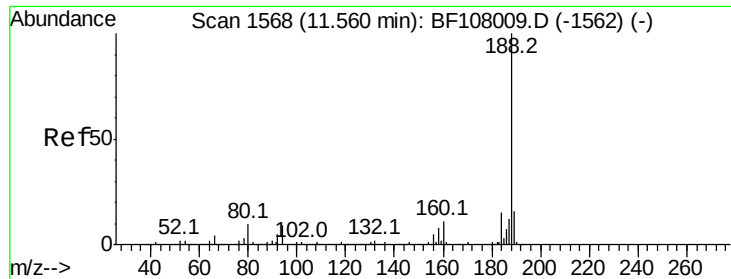
Sohil
8/16/2018 5:27:02 PM



#62
Azobenzene
Concen: 41.199 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	1.7	41.7
105	21.7	3.0	43.0
51	35.3	9.9	49.9





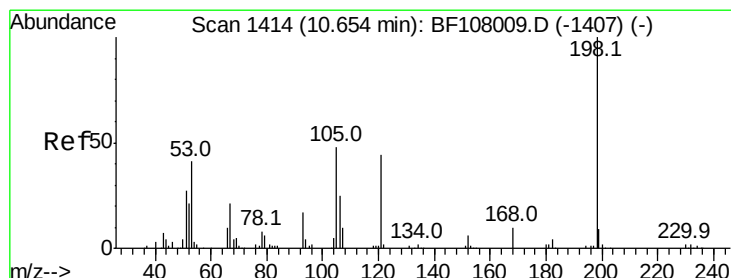
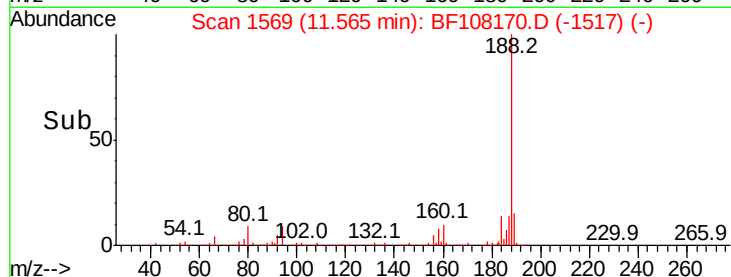
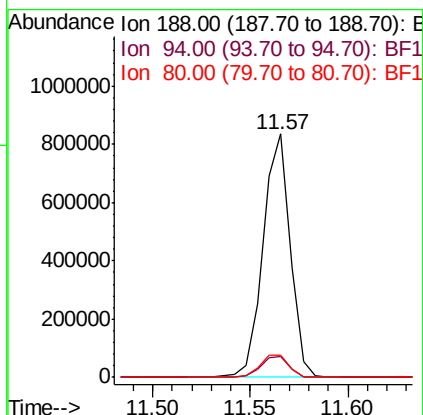
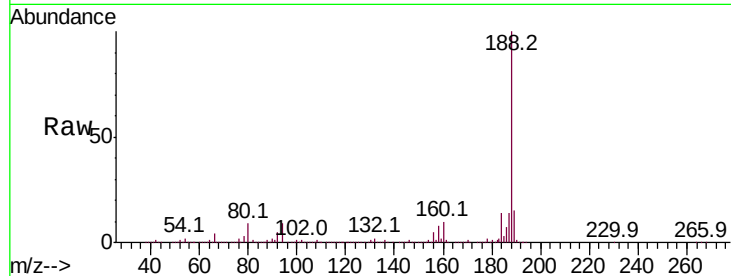
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampled :
PB112068BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.1	9.2	13.8

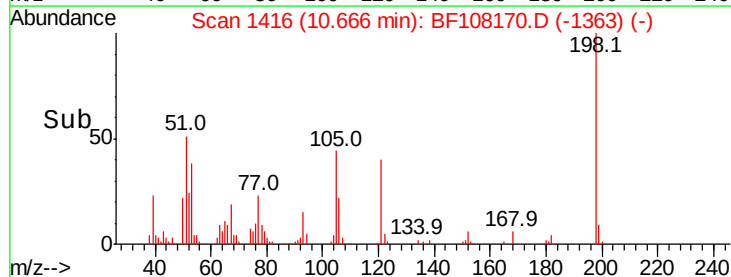
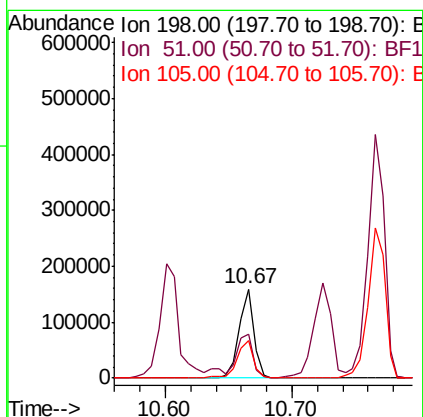
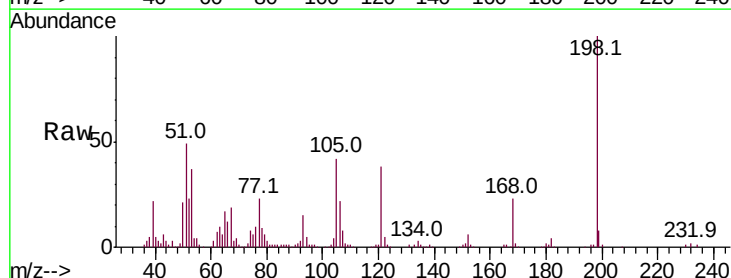
Manual Integrations
APPROVED

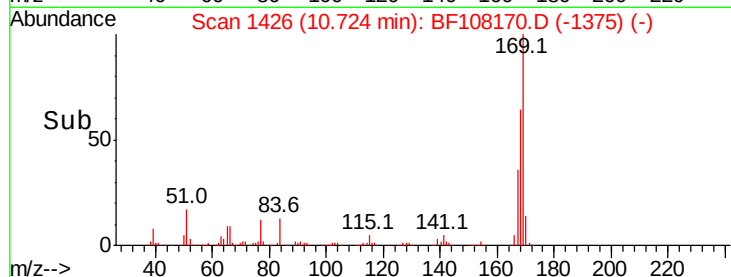
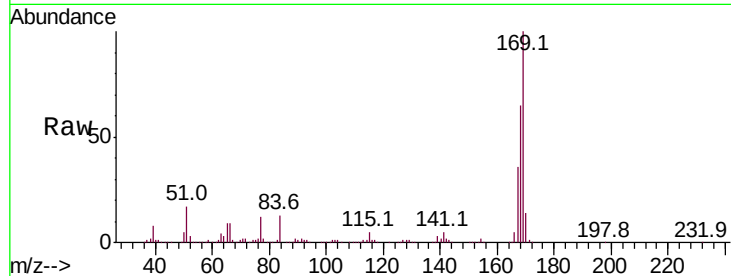
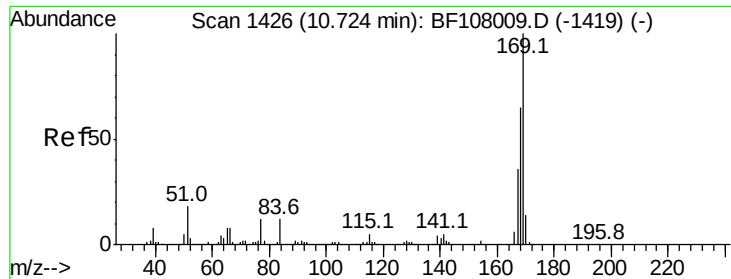
Sohil
8/16/2018 5:27:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.037 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.8	37.7	77.7
105	42.2	36.3	76.3





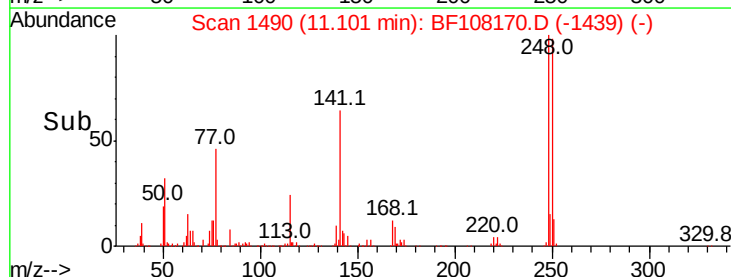
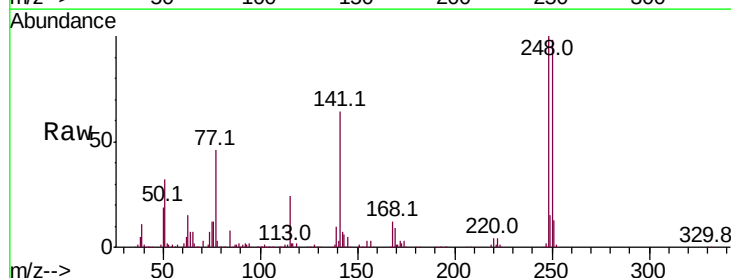
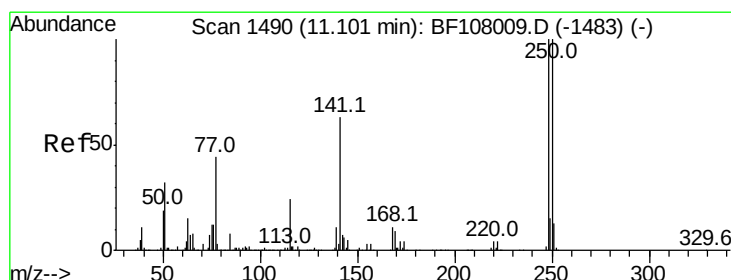
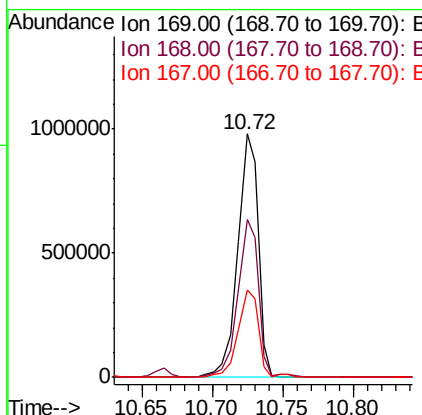
#65
n-Nitrosodiphenylamine
Concen: 41.691 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp Lower	Upper
169	100		
168	64.6	54.4	81.6
167	36.1	29.8	44.6

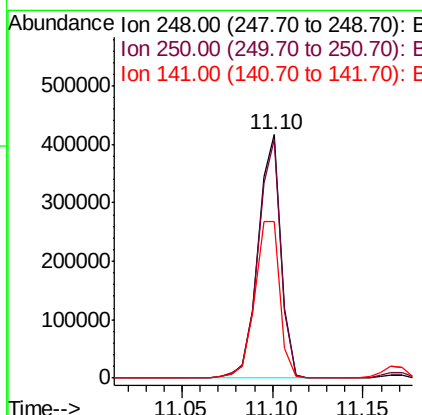
Manual Integrations
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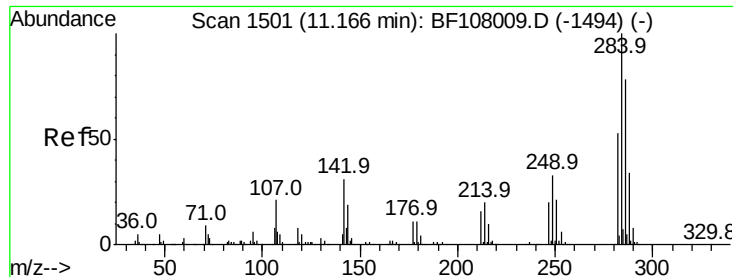
Sohil
8/16/2018 5:27:02 PM



#66
4-Bromophenyl-phenylether
Concen: 42.001 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	97.9	76.9	115.3
141	64.4	74.4	111.6#





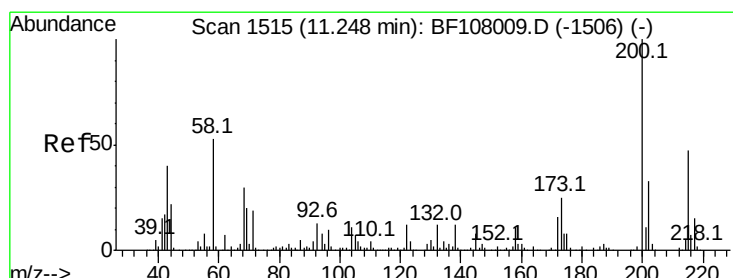
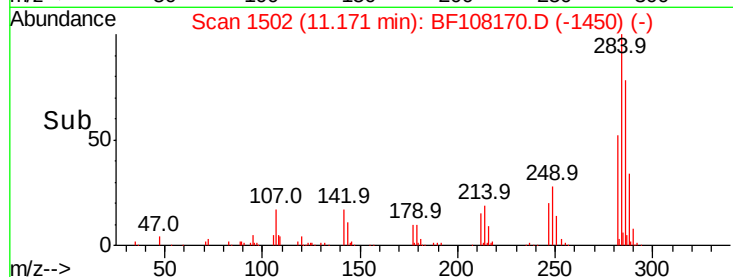
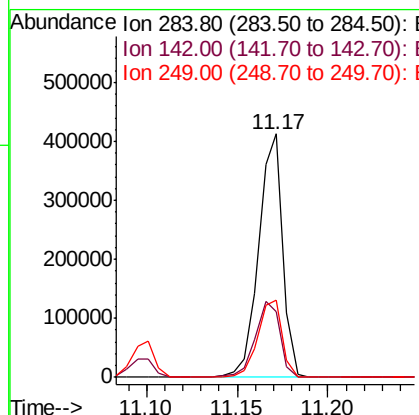
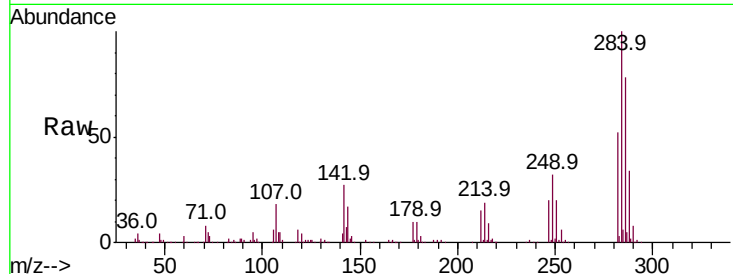
#67
Hexachlorobenzene
Concen: 41.441 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.7	34.6	52.0	
249	31.6	24.8	37.2	

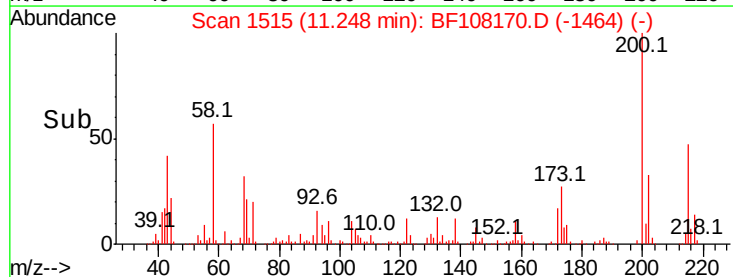
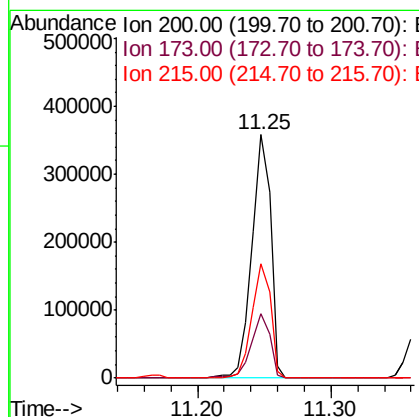
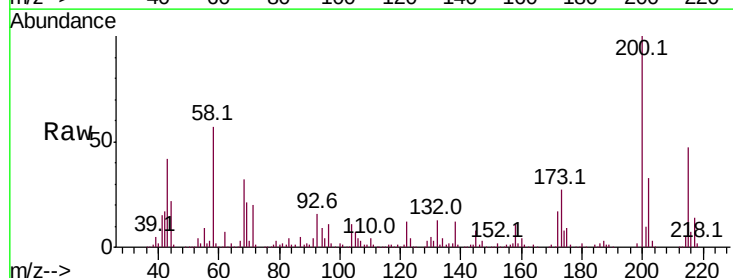
Manual Integrations
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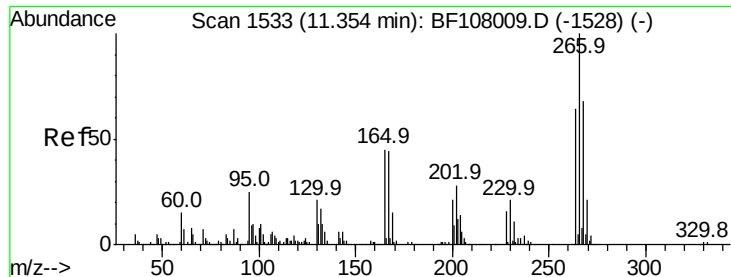
Sohil
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#68
Atrazine
Concen: 43.317 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.6	8.6	48.6	
215	47.0	25.1	65.1	





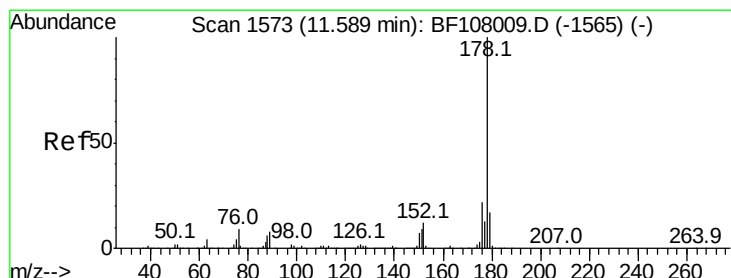
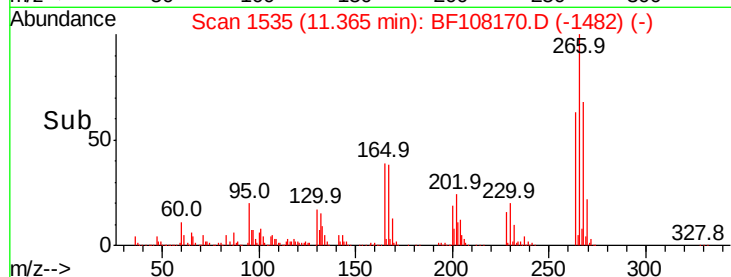
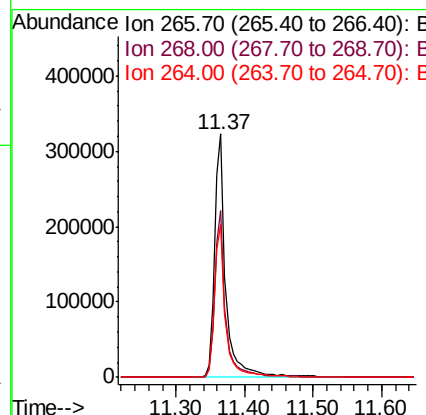
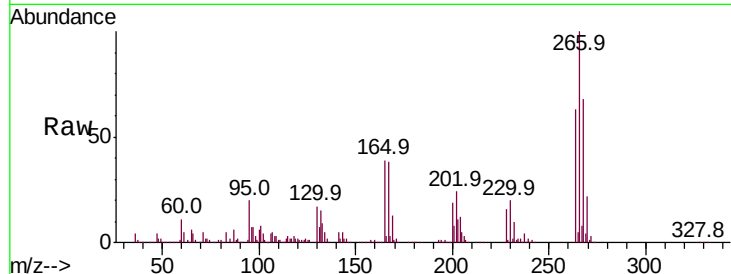
#69
 Pentachlorophenol
 Concen: 84.552 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	371366		
268	68.4		51.1	76.7
264	62.8		49.5	74.3

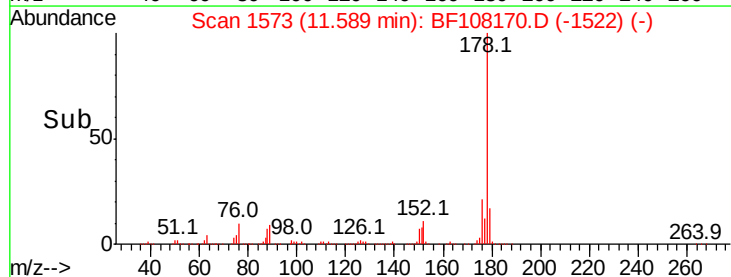
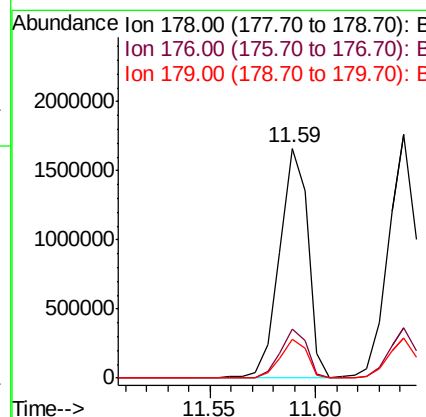
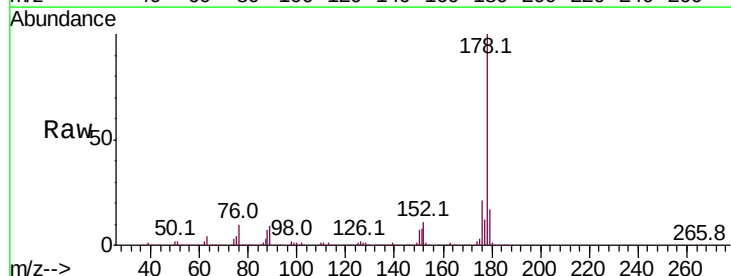
Manual Integrations
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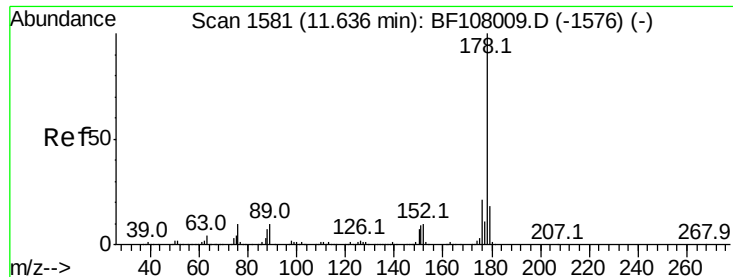
Sohil
 8/16/2018 5:27:02 PM



#70
 Phenanthrene
 Concen: 41.272 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1562263		
176	21.1		15.8	23.8
179	16.6		13.0	19.6





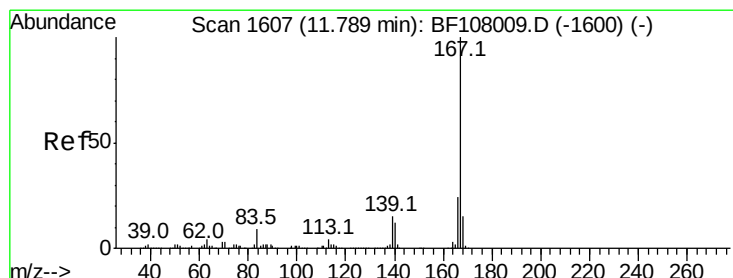
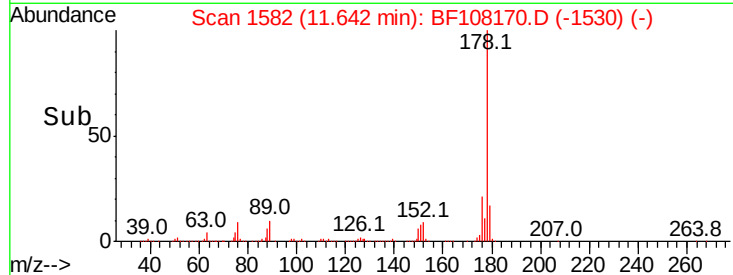
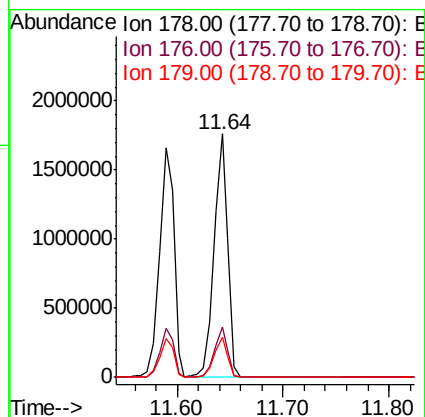
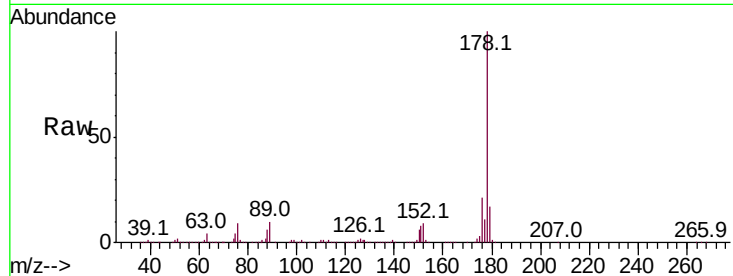
#71
 Anthracene
 Concen: 41.371 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	16.7	12.6	19.0

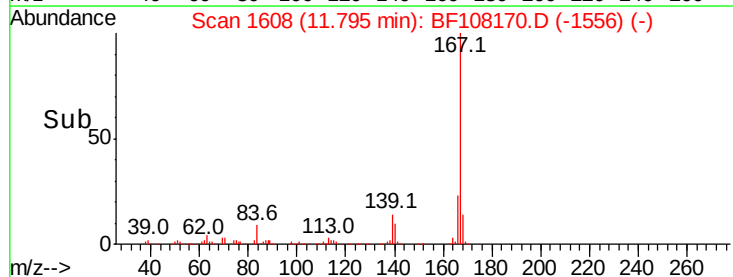
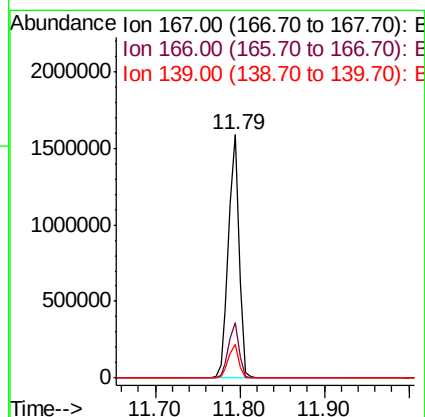
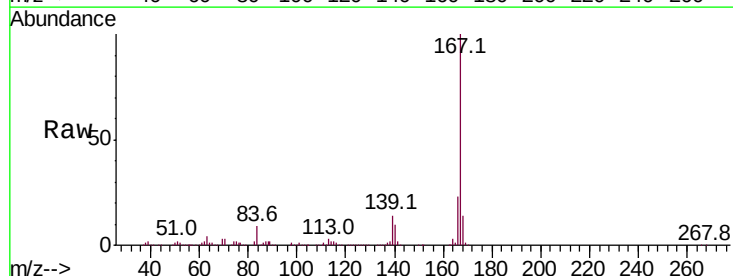
Manual Integrations
 APPROVED

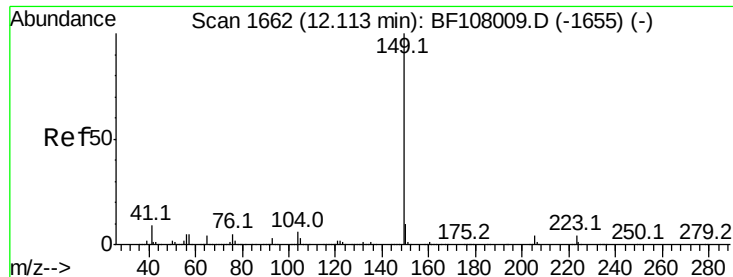
Sohil
 8/16/2018 5:27:02 PM



#72
 Carbazole
 Concen: 40.518 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.818 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB112068BS

Tot Ion:149 Resp: 1671759

Ion Ratio Lower Upper

149 100

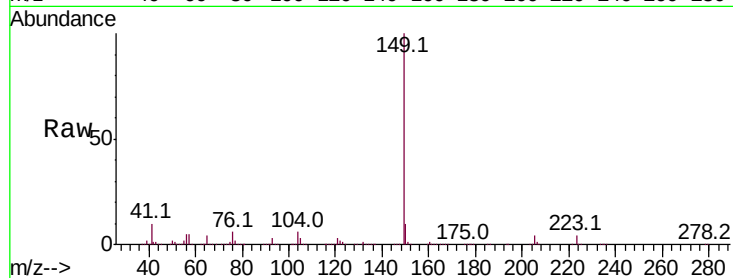
150 10.3 7.8 11.6

104 5.7 3.8 5.8

Manual Integrations
APPROVED

Sohil

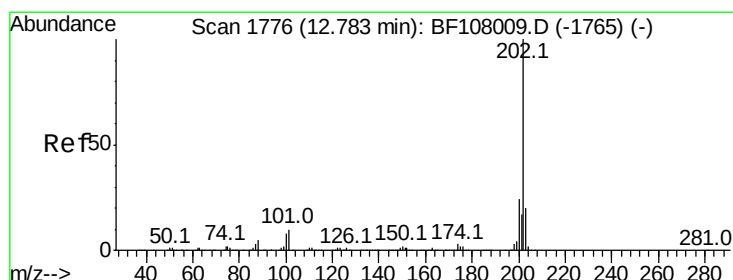
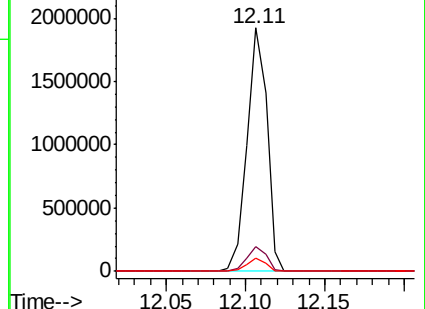
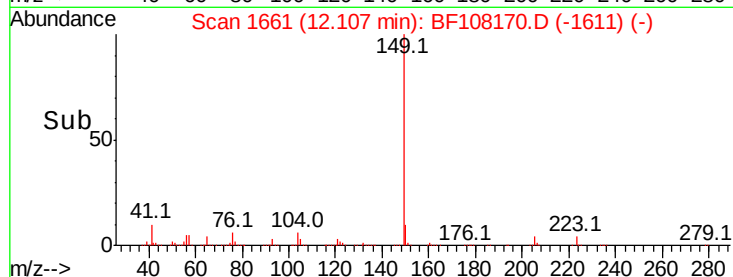
8/16/2018 5:27:02 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.916 ng

RT: 12.78 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

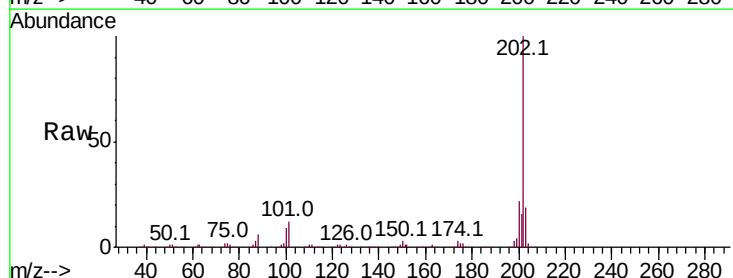
Tgt Ion:202 Resp: 1690313

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

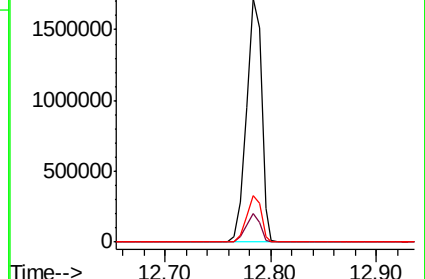
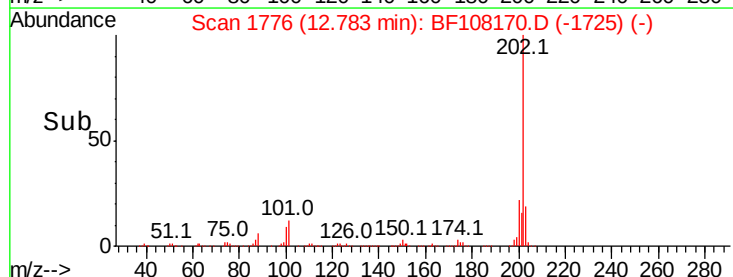
203 18.8 0.0 38.1

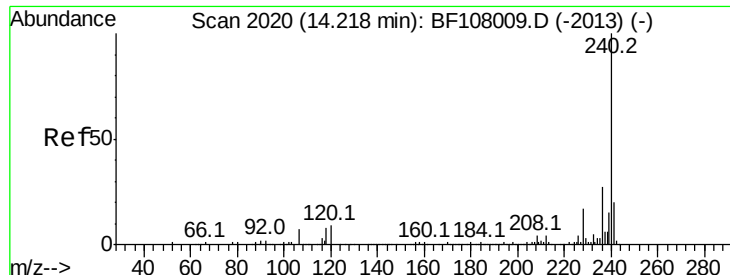


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

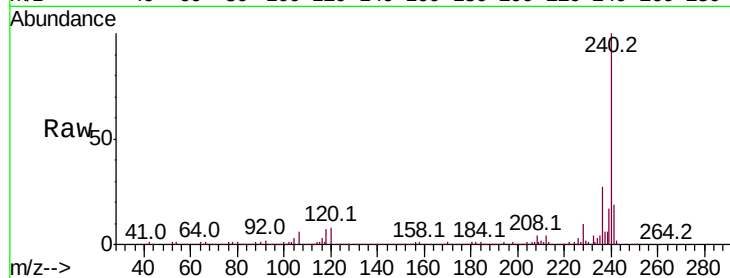
ClientSampleId :

PB112068BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	26.8	20.7	31.1

Manual Integrations
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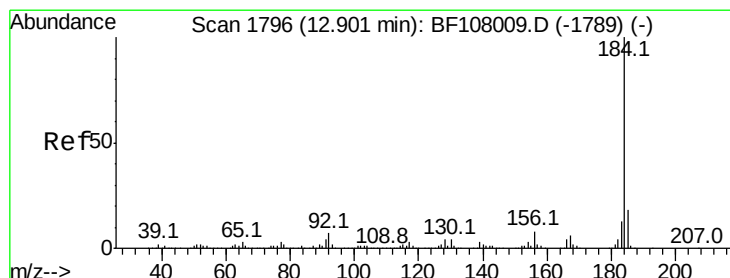
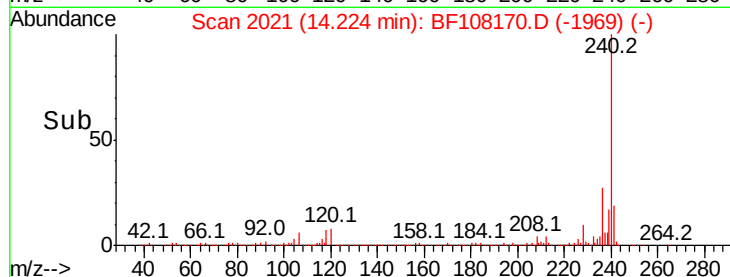
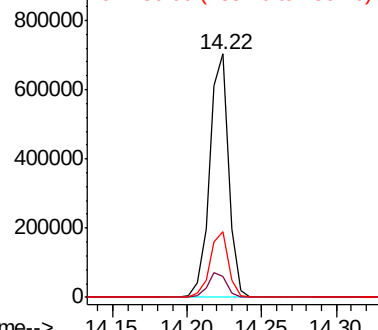


Abundance

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: 34.989 ng

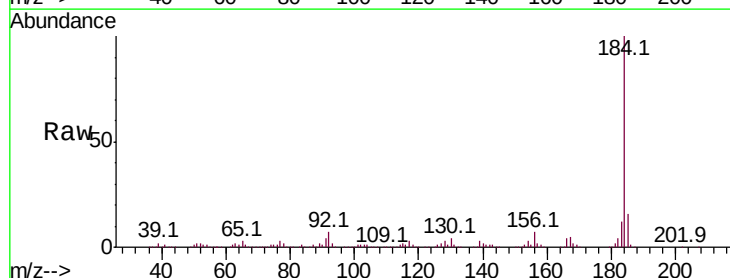
RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	12.2	9.3	13.9

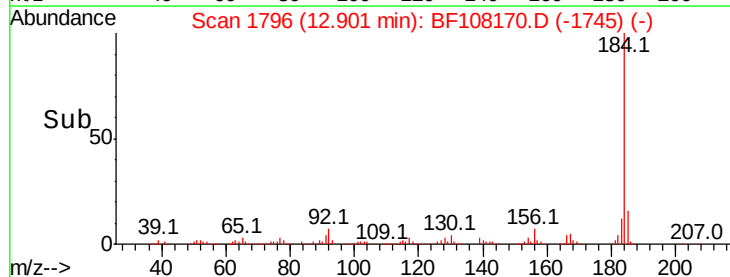
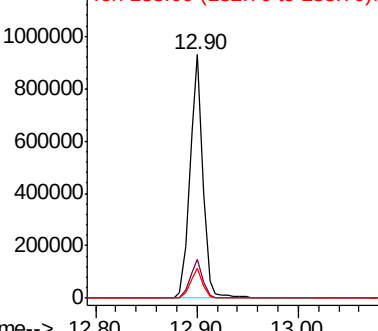


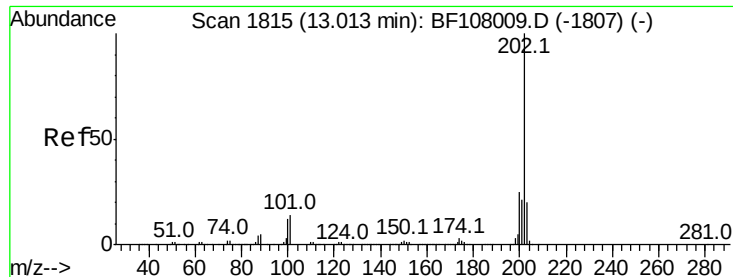
Abundance

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





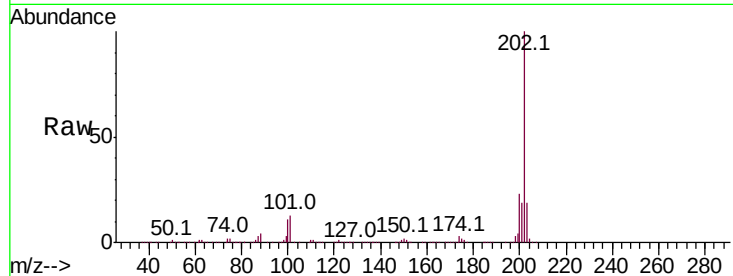
#77
Pvrene
Concen: 41.954 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	19.1	14.3	21.5

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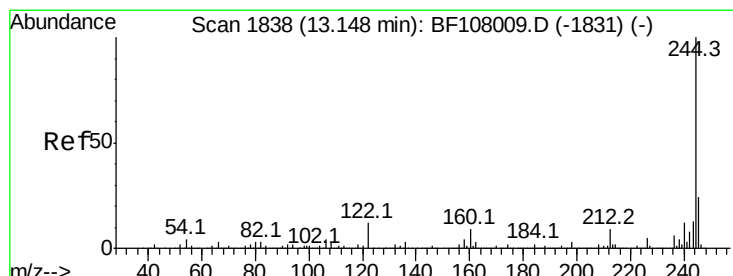
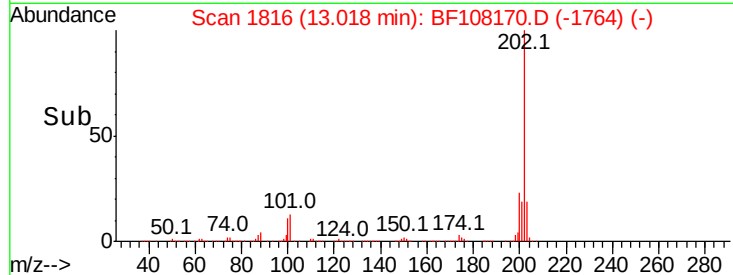
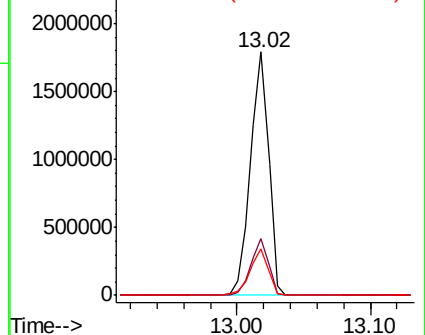


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 88.185 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

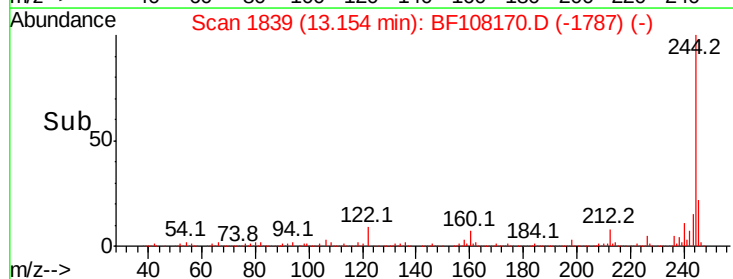
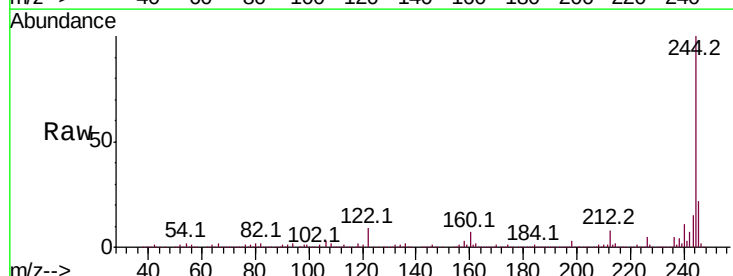
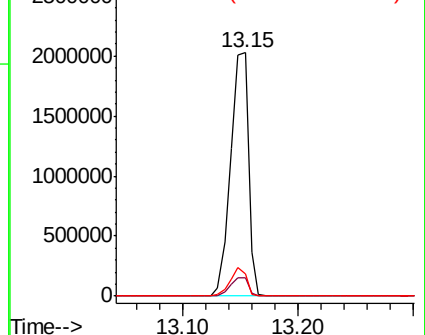
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	9.3	11.0	16.4#

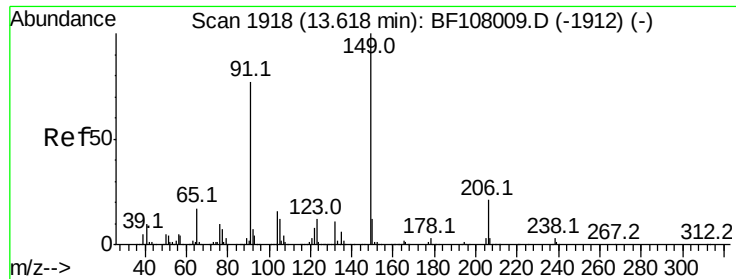
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





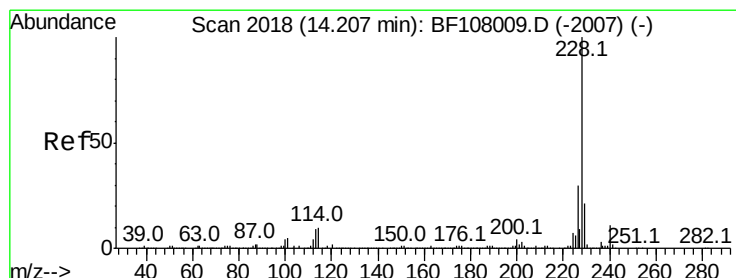
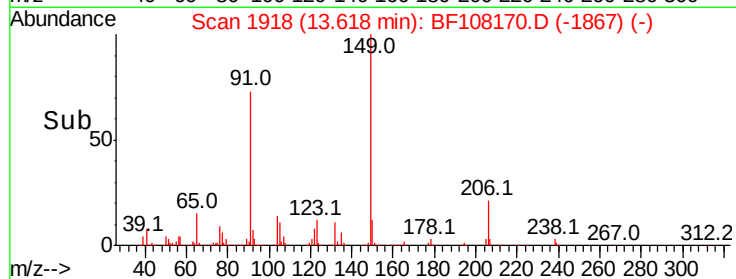
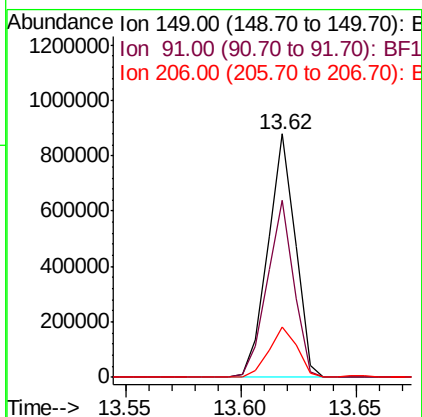
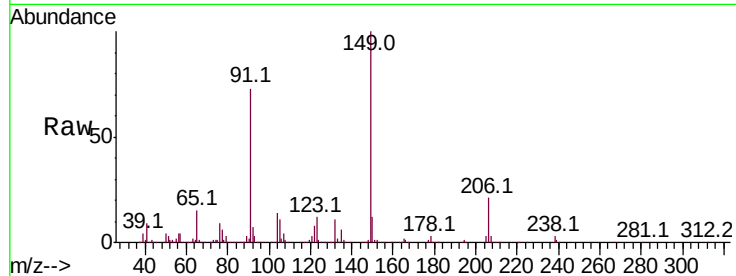
#79
Butylbenzylphthalate
Concen: 45.953 ng
RT: 13.62 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion:	149	Resp:	726221
Ion Ratio	Lower	Upper	
149	100		
91	72.7	56.8	85.2
206	20.7	14.1	21.1

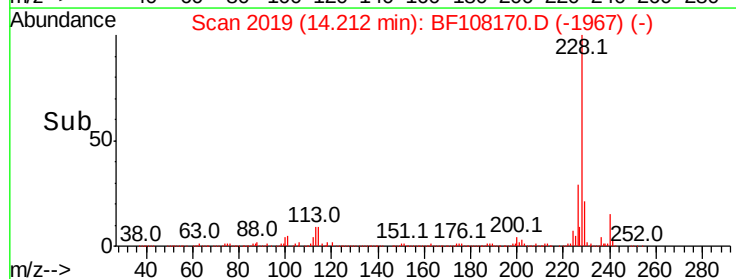
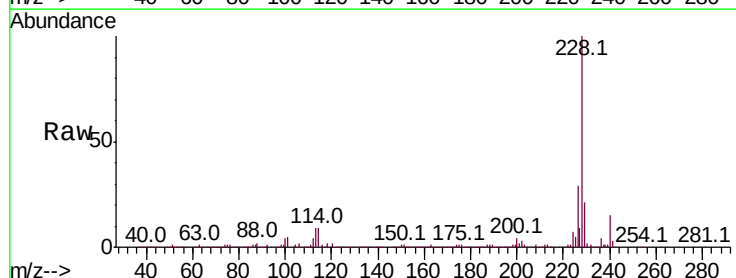
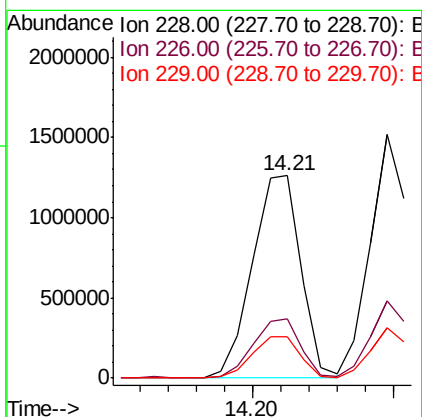
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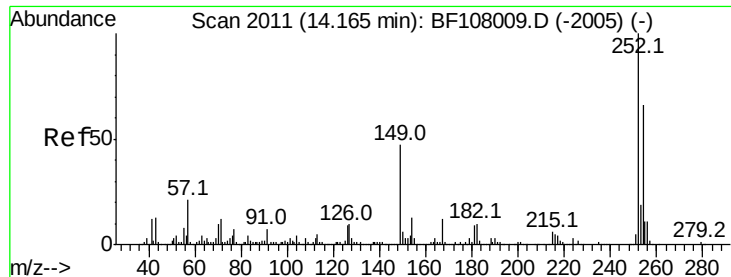
Sohil
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#80
Benzo(a)anthracene
Concen: 41.557 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion:	228	Resp:	1499244
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	33.8
229	20.7	15.8	23.6





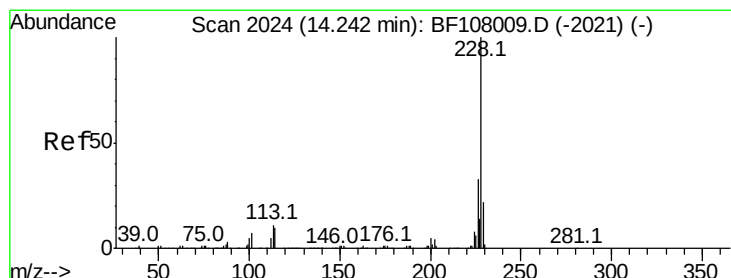
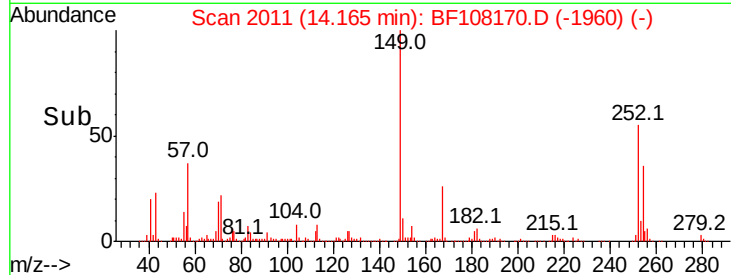
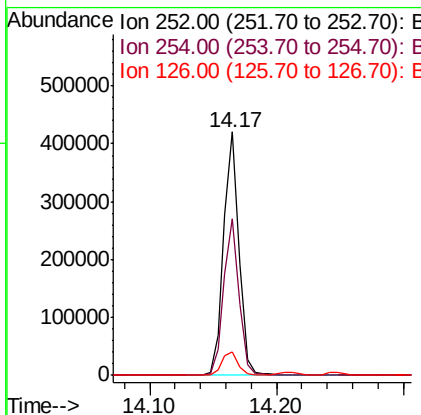
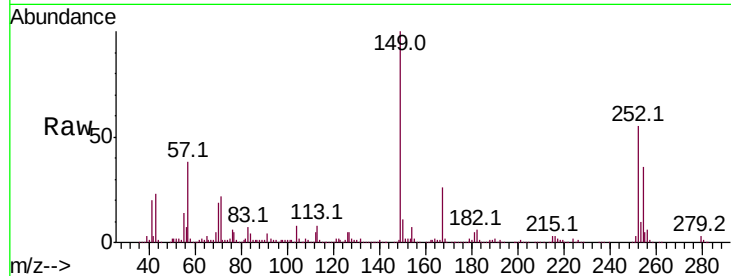
#81
 3,3'-Dichlorobenzidine
 Concen: 27.523 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampled :
 PB112068BS

Tot Ion:	252	Resp:	355847
Ion Ratio		Lower	Upper
252	100		
254	64.5	50.4	75.6
126	9.5	11.3	16.9

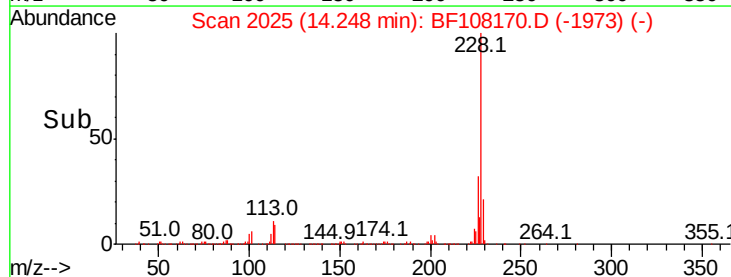
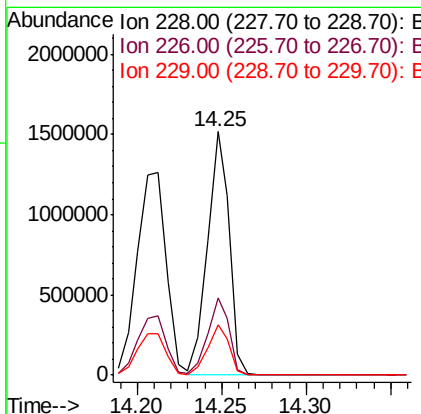
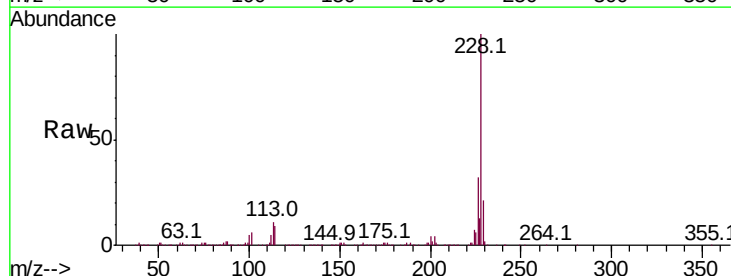
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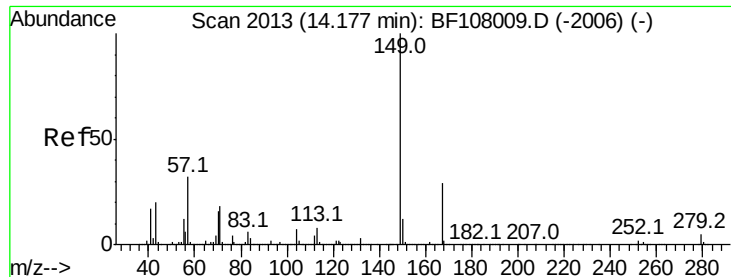
Sohil
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#82
 Chrysene
 Concen: 41.237 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion:	228	Resp:	1363930
Ion Ratio		Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.6	16.2	24.4





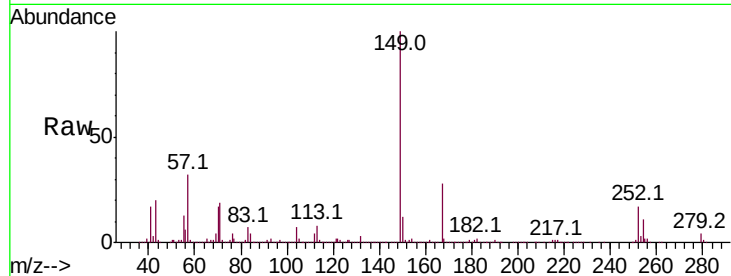
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.263 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

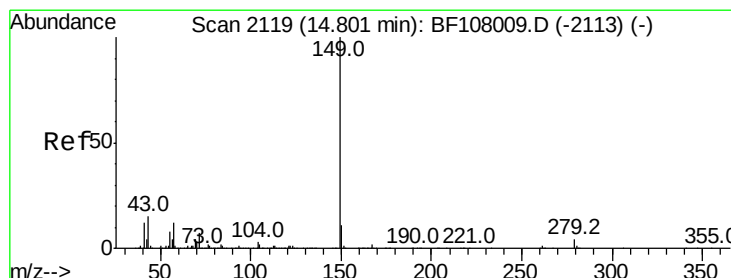
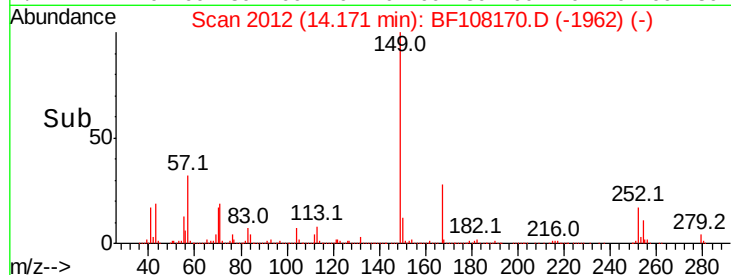
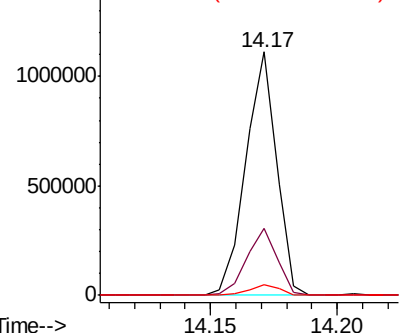
Tot Ion	Ratio	Resp	Lower	Upper
149	100	947279		
167	27.6	21.3	31.9	
279	4.3	3.0	4.4	

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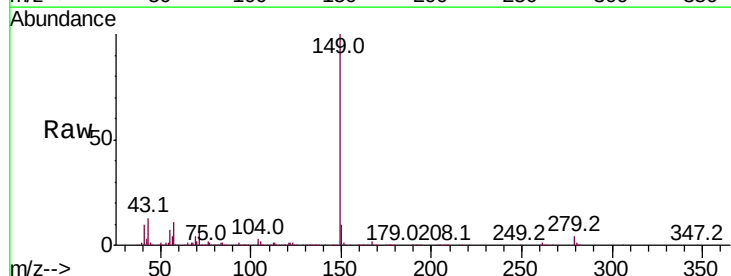


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

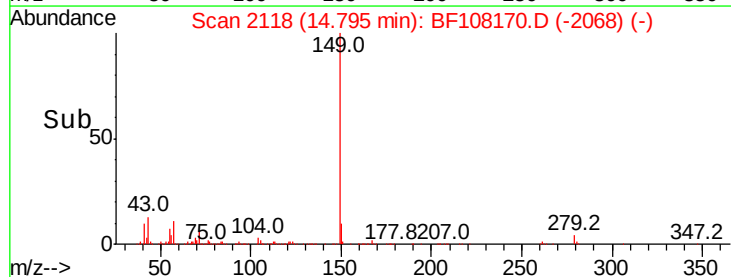
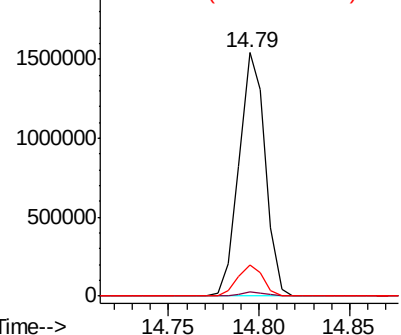


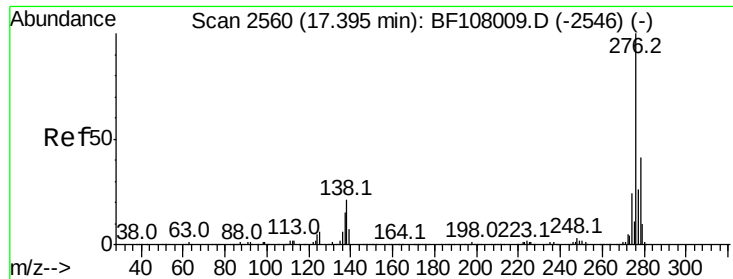
#84
 Di-n-octyl phthalate
 Concen: 47.252 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1542220		
167	1.6	1.2	1.8	
43	12.3	8.4	12.6	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





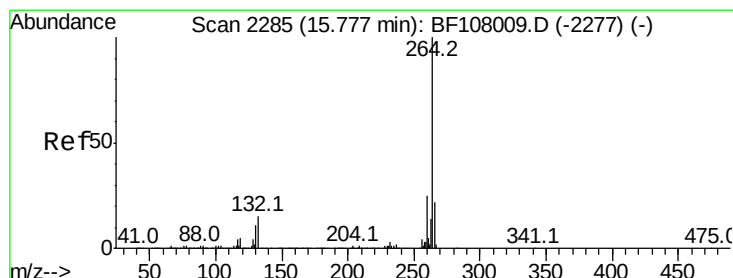
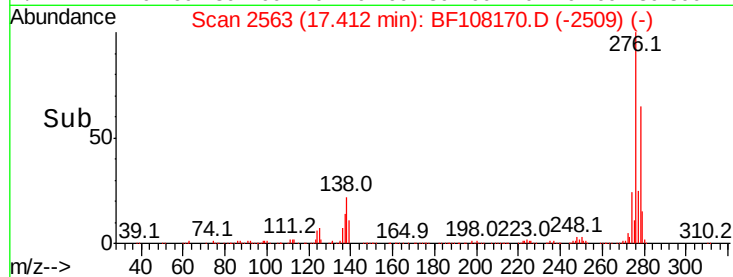
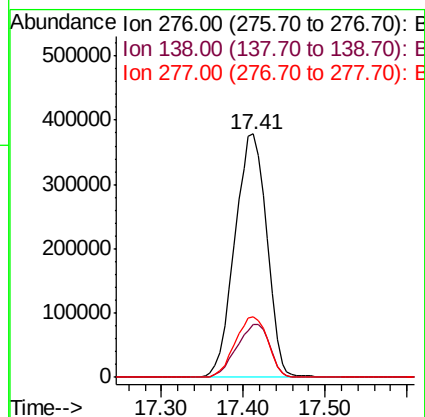
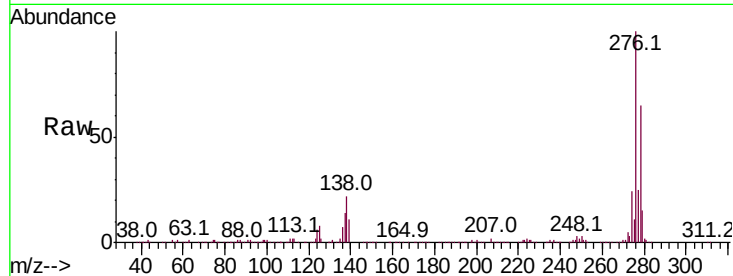
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.014 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112068BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	25.6	20.1	30.1

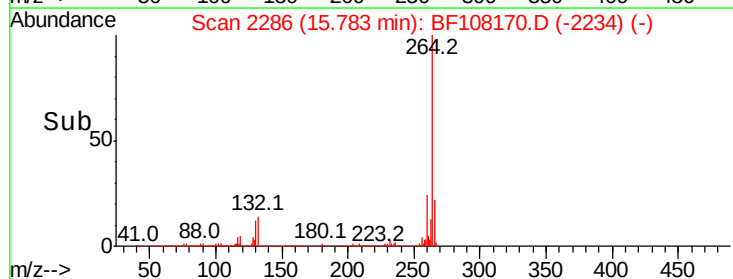
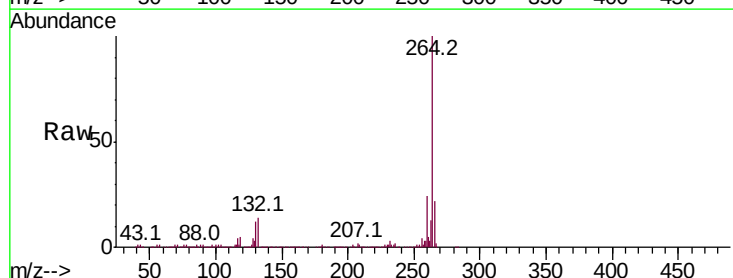
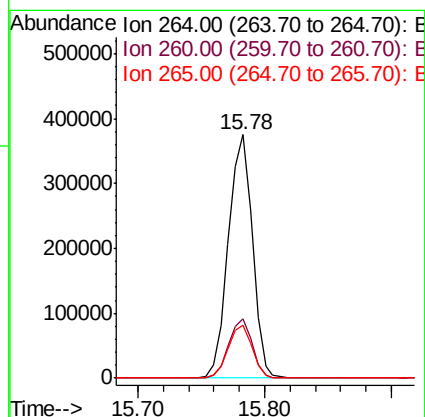
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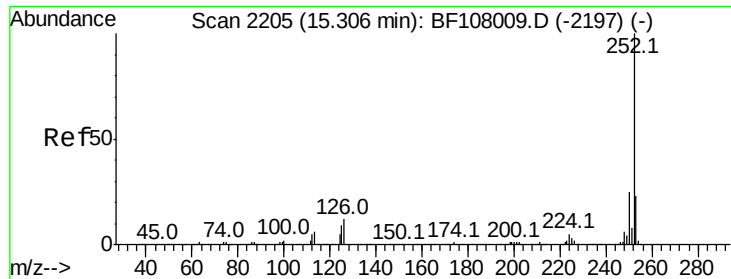
Sohil
 8/16/2018 5:27:02 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108170.D
 Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.413 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

ClientSampled :

PB112068BS

Tot Ion:252 Resp: 1305469

Ion Ratio Lower Upper

252 100

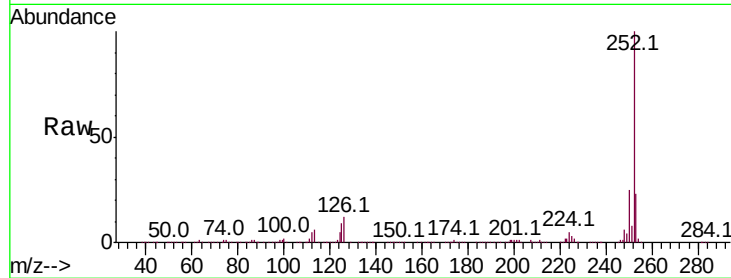
253 22.9 17.0 25.6

125 9.3 9.0 13.6

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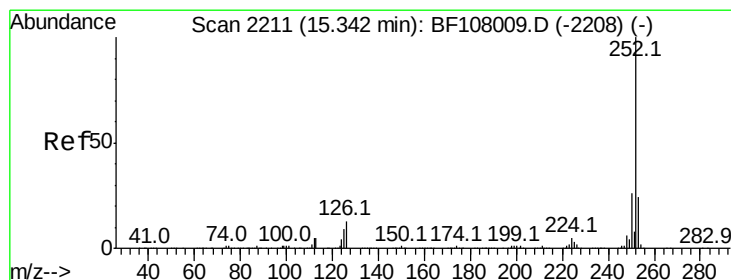
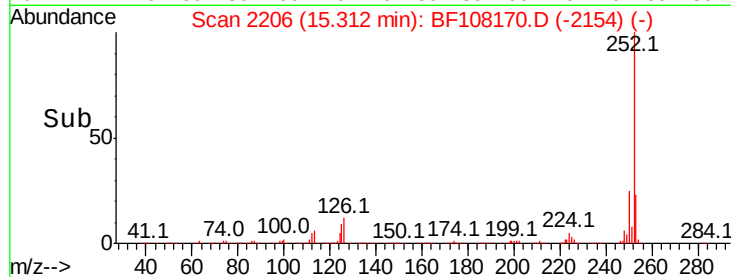
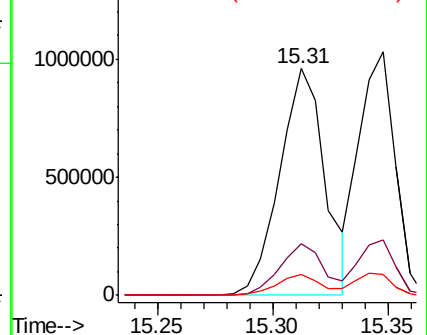
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.417 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

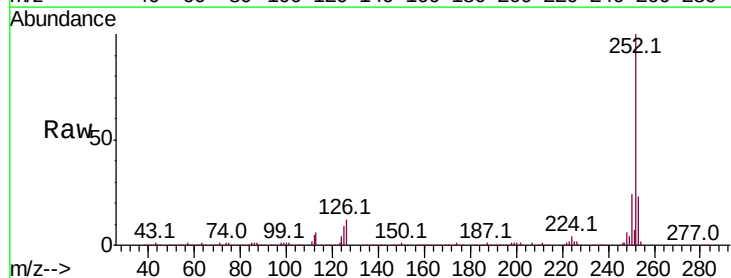
Tgt Ion:252 Resp: 1119085

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

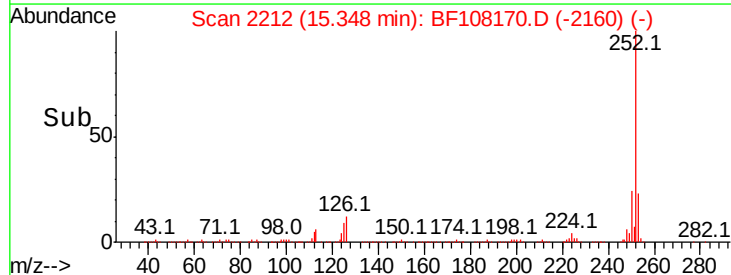
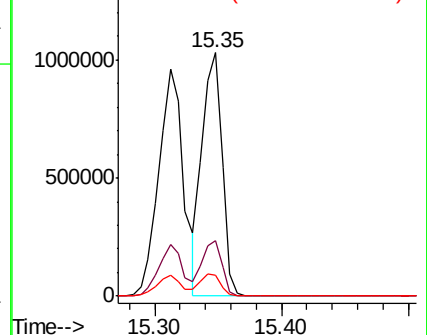
125 8.8 10.2 15.2#

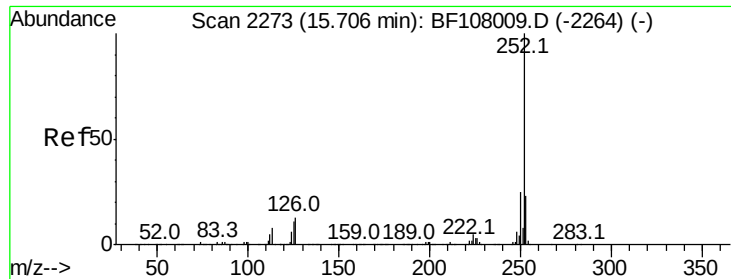


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





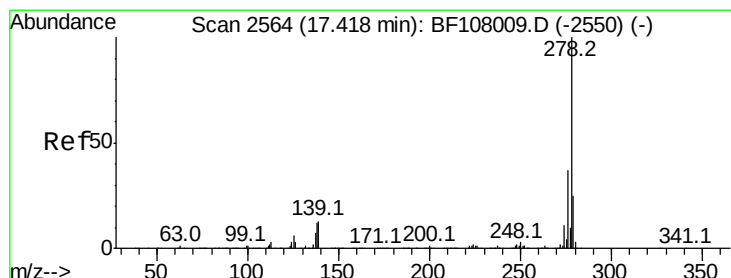
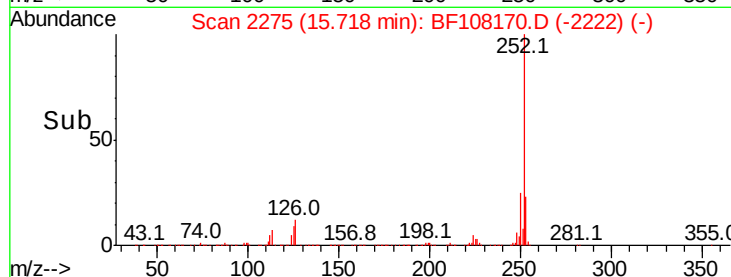
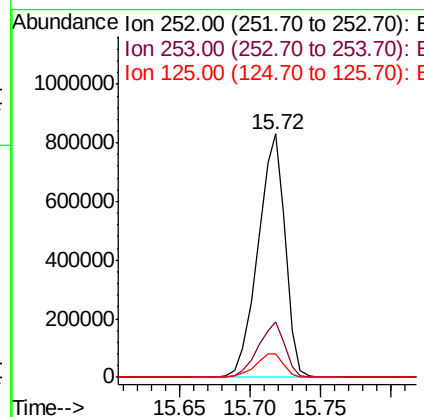
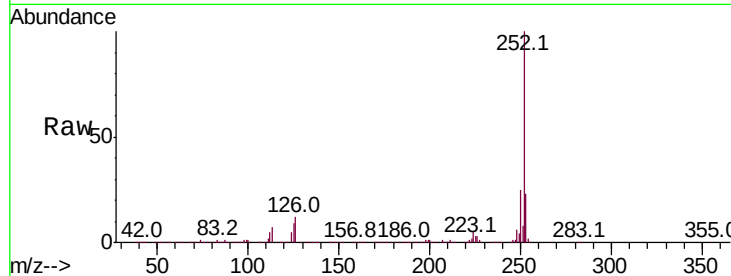
#89
Benzo(a)pyrene
Concen: 42.655 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Instrument :
BNA_F
ClientSampleId :
PB112068BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.4	9.8	14.6

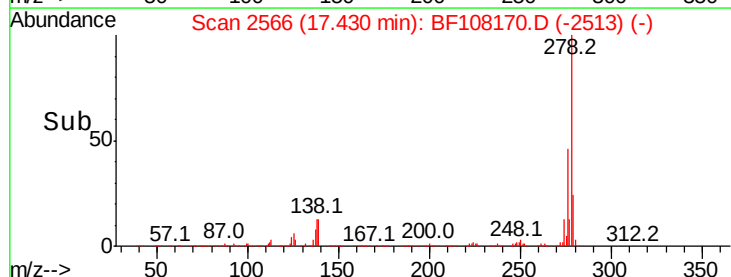
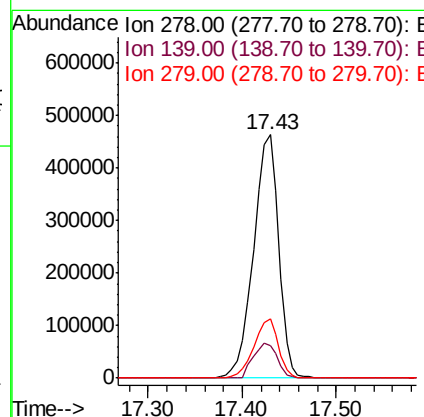
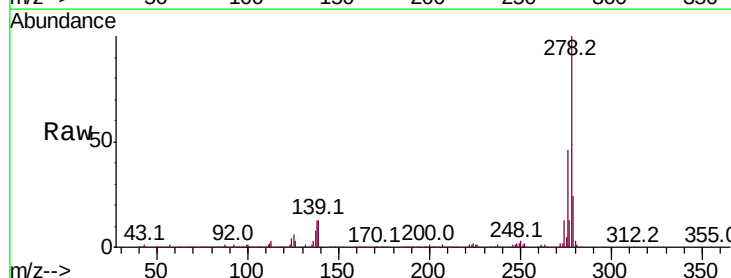
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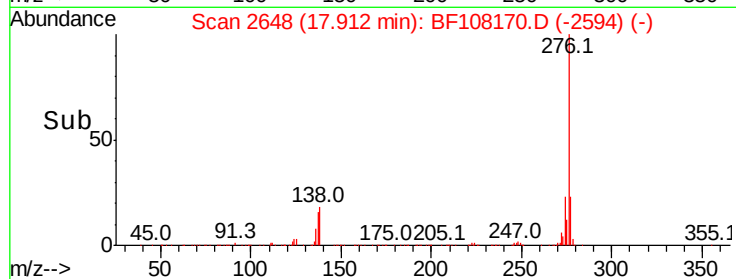
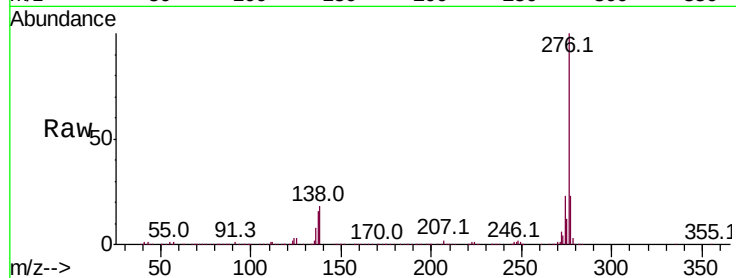
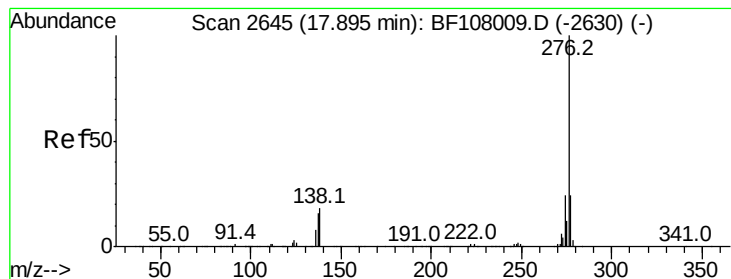
Sohil
8/16/2018 5:27:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.612 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108170.D
Acq: 15 Aug 2018 17:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.495 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108170.D

Acq: 15 Aug 2018 17:22

Instrument :

BNA_F

ClientSampleId :

PB112068BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	18.3	21.8	32.8

Manual Integrations
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