

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108380.D
 Acq On : 22 Aug 2018 13:56
 Operator : JU/SJ
 Sample : PB112282BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Manual Integrations
 APPROVED

Sohil
 8/23/2018 3:43:04 PM

Quant Time: Aug 22 16:28:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148436	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	611992	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	318332	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	620339	20.00	ng	0.00
75) Chrysene-d12	14.20	240	356645	20.00	ng	0.00
86) Perylene-d12	15.75	264	286352	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1219458	148.74	ng	0.02
7) Phenol-d6	6.64	99	1656411	152.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	883444	80.55	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	539677	169.96	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1782881	89.92	ng	0.00
78) Terphenyl-d14	13.13	244	1712933	122.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	157355	37.351	ng	90
3) Pyridine	3.77	79	426293	39.281	ng	87
4) n-Nitrosodimethylamine	3.74	42	234646	38.426	ng	# 84
6) Aniline	6.67	93	434587	29.325	ng	97
8) 2-Chlorophenol	6.80	128	413773	44.809	ng	99
9) Benzaldehyde	6.55	77	183871	21.767	ng	95
10) Phenol	6.64	94	516823	45.859	ng	83
11) bis(2-Chloroethyl)ether	6.74	93	399521	43.850	ng	92
12) 1,3-Dichlorobenzene	6.94	146	464041	43.462	ng	98
13) 1,4-Dichlorobenzene	7.02	146	468090	43.635	ng	97
14) 1,2-Dichlorobenzene	7.17	146	435678	43.663	ng	99
15) Benzyl Alcohol	7.14	79	369179	40.251	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	760004	40.491	ng	100
17) 2-Methylphenol	7.25	107	372217	47.004	ng	# 94
18) Hexachloroethane	7.51	117	172351	45.128	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	319624	43.382	ng	93
20) 3+4-Methylphenols	7.40	107	446259	43.976	ng	# 75
22) Acetophenone	7.41	105	605469	42.311	ng	# 95
24) Nitrobenzene	7.58	77	471589	42.523	ng	95
25) Isophorone	7.82	82	885301	42.351	ng	96
26) 2-Nitrophenol	7.90	139	216970	51.805	ng	92
27) 2,4-Dimethylphenol	7.93	122	402079	43.337	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	531898	43.586	ng	99
29) 2,4-Dichlorophenol	8.14	162	387038	45.331	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	405240	43.049	ng	96
31) Naphthalene	8.31	128	1230243	44.202	ng	99
32) Benzoic acid	8.05	122	209653	40.068	ng	91
33) 4-Chloroaniline	8.35	127	341238	28.134	ng	99
34) Hexachlorobutadiene	8.42	225	260221	43.667	ng	100
35) Caprolactam	8.73	113	109832m	41.049	ng	
36) 4-Chloro-3-methylphenol	8.84	107	412575	44.793	ng	99
37) 2-Methylnaphthalene	9.00	142	870748	44.219	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	437292	44.733	ng	99
40) Hexachlorocyclopentadiene	9.15	237	450018	71.271	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	296287	48.842	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	313140	46.892	ng	# 92
45) 1,1'-Biphenyl	9.47	154	1064277	45.345	ng	98
46) 2-Chloronaphthalene	9.50	162	826105	44.533	ng	98
47) 2-Nitroaniline	9.59	65	276712	46.102	ng	87
48) Acenaphthylene	9.91	152	1314783	44.832	ng	99
49) Dimethylphthalate	9.77	163	993337	44.797	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	216128	46.586	ng	94
51) Acenaphthene	10.08	154	770791	42.911	ng	99
52) 3-Nitroaniline	10.00	138	174213	34.321	ng	95
53) 2,4-Dinitrophenol	10.11	184	154224	88.052	ng	# 23
54) Dibenzofuran	10.26	168	1146061	44.039	ng	98
55) 4-Nitrophenol	10.17	139	297979	77.522	ng	86
56) 2,4-Dinitrotoluene	10.24	165	288906	48.379	ng	# 95
57) Fluorene	10.60	166	924971	44.900	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	261208	46.799	ng	# 86
59) Diethylphthalate	10.47	149	958614	44.644	ng	96
60) 4-Chlorophenyl-phenylether	10.59	204	468577	43.652	ng	92
61) 4-Nitroaniline	10.62	138	218427	43.524	ng	92
62) Azobenzene	10.75	77	963413	43.446	ng	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	110814	47.627	ng	79
65) n-Nitrosodiphenylamine	10.71	169	835955	45.602	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	309931	45.974	ng	# 83
67) Hexachlorobenzene	11.15	284	325010	45.821	ng	# 85
68) Atrazine	11.23	200	277915	45.200	ng	97
69) Pentachlorophenol	11.35	266	304900	89.808	ng	99
70) Phenanthrene	11.57	178	1322526	45.200	ng	99
71) Anthracene	11.62	178	1351203	45.057	ng	99
72) Carbazole	11.78	167	1117493	41.942	ng	99
73) Di-n-butylphthalate	12.09	149	1430160	47.389	ng	99
74) Fluoranthene	12.77	202	1342190	42.032	ng	96
76) Benzidine	12.88	184	433870	32.560	ng	98
77) Pyrene	13.00	202	1295491	57.375	ng	100
79) Butylbenzylphthalate	13.60	149	497882	55.531	ng	# 94
80) Benzo(a)anthracene	14.19	228	935558	45.709	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	200709	27.363	ng	# 97
82) Chrysene	14.22	228	848031	45.193	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	641765	52.857	ng	100
84) Di-n-octyl phthalate	14.77	149	907813	49.026	ng	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	853639	52.503	ng	# 90
87) Benzo(b)fluoranthene	15.29	252	762219	44.546	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	689353	43.827	ng	# 96
89) Benzo(a)pyrene	15.69	252	713716	46.581	ng	# 96
90) Dibenzo(a,h)anthracene	17.39	278	717444	56.591	ng	# 94
91) Benzo(g,h,i)perylene	17.87	276	728520	58.359	ng	# 88

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



#1

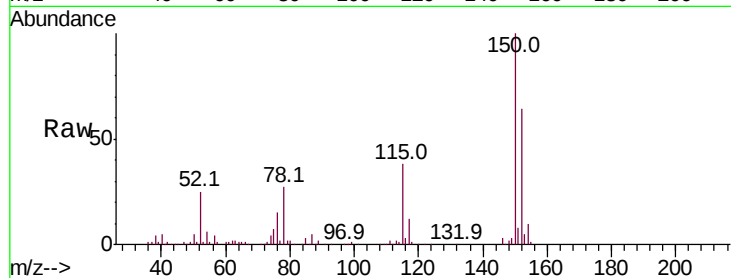
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.6	50.1	75.1

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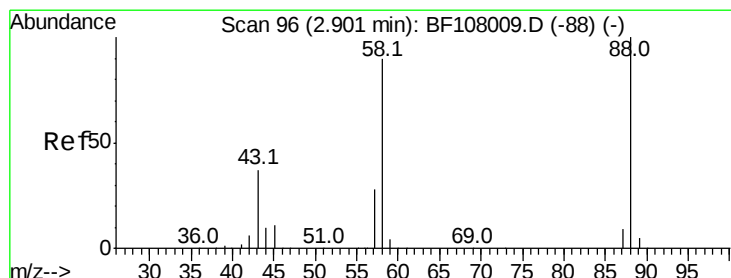
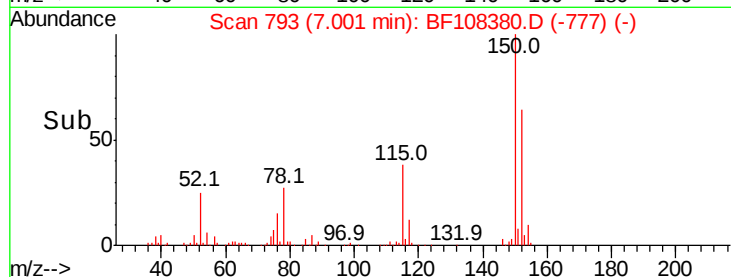
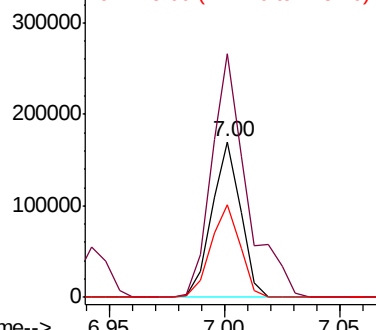


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

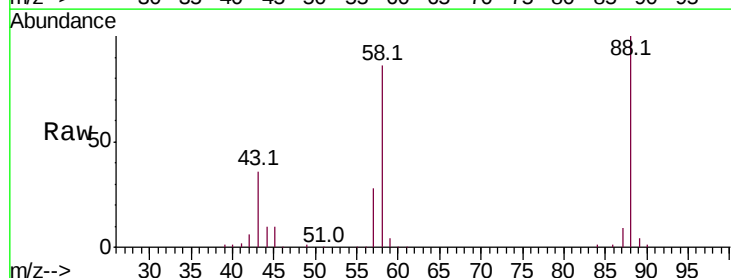
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.351 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.16 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	62.6	93.8
43	35.1	24.6	37.0

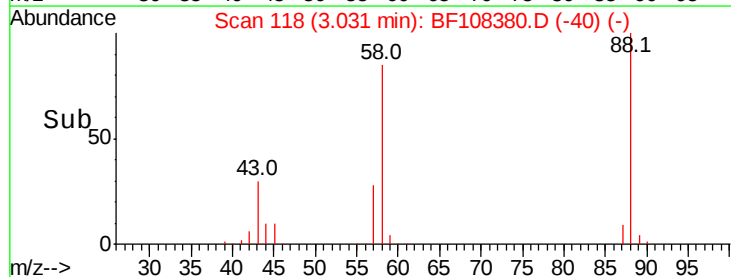
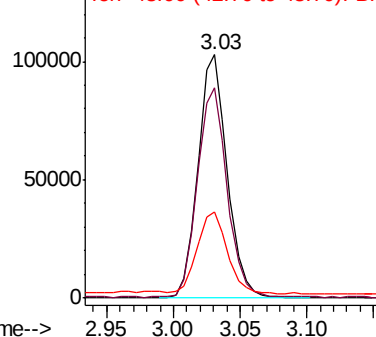


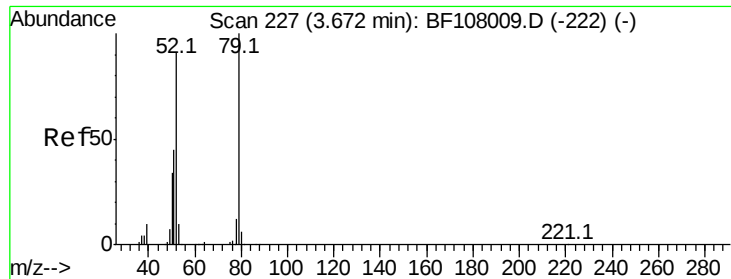
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.281 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion: 79 Resp: 426293

Ion Ratio Lower Upper

79 100

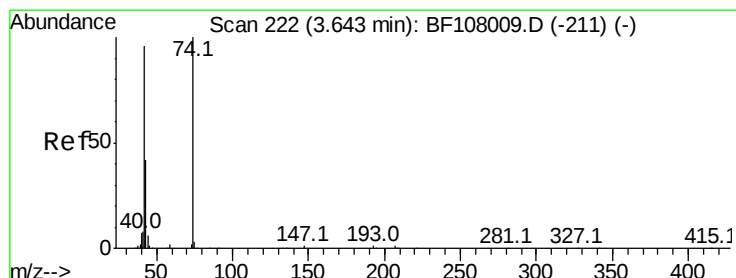
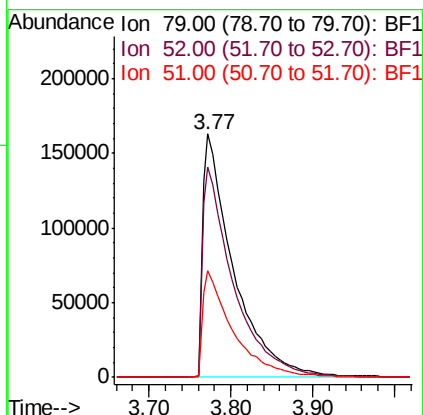
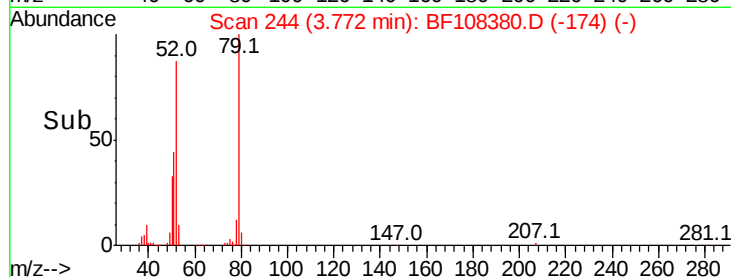
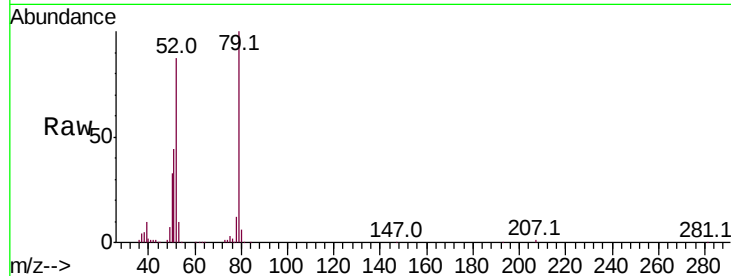
52 86.5 59.8 89.6

51 43.9 29.8 44.8

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#4

n-Nitrosodimethylamine

Concen: 38.426 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

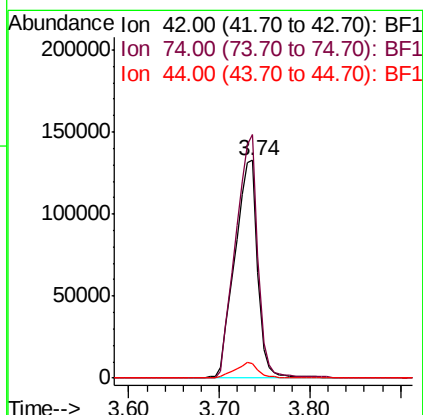
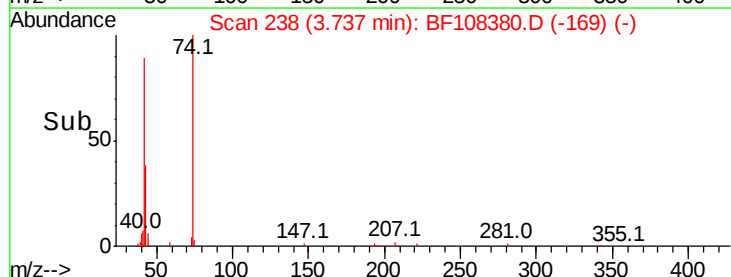
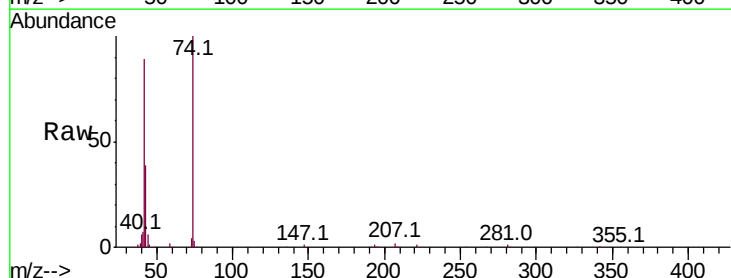
Tgt Ion: 42 Resp: 234646

Ion Ratio Lower Upper

42 100

74 112.0 104.9 157.3

44 6.8 6.9 10.3#





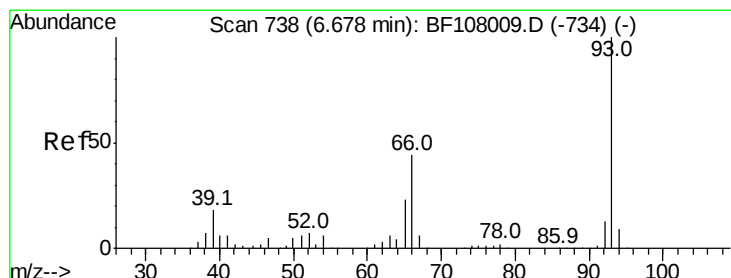
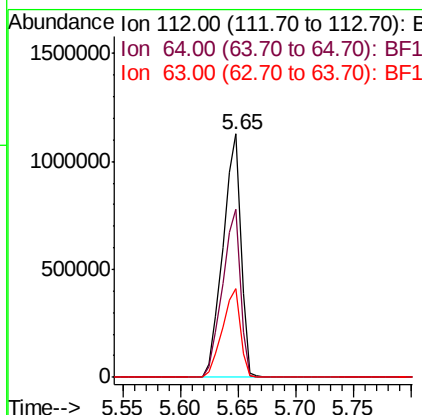
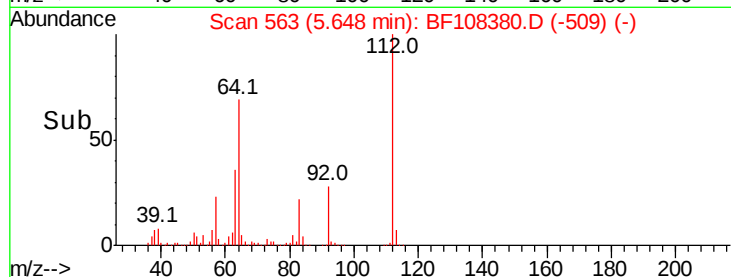
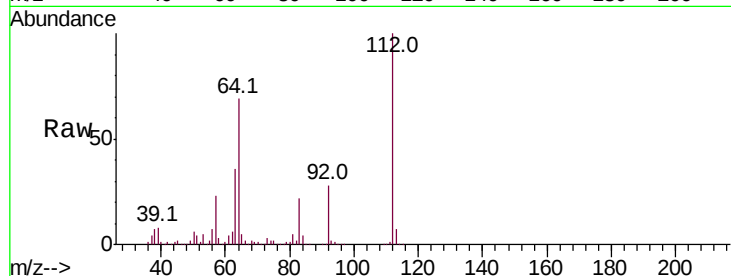
#5
 2-Fluorophenol
 Concen: 148.736 ng
 RT: 5.65 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.5	23.7	35.5

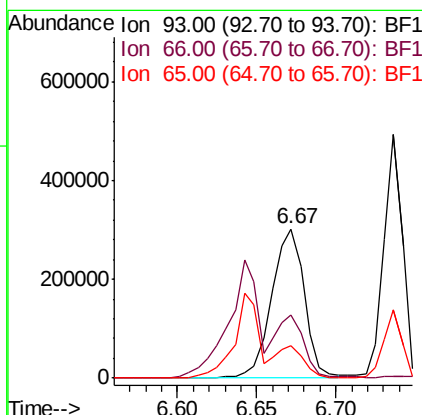
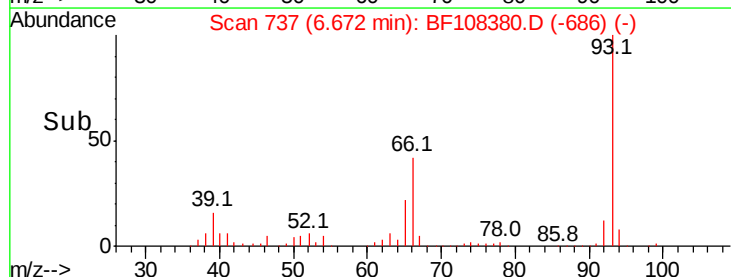
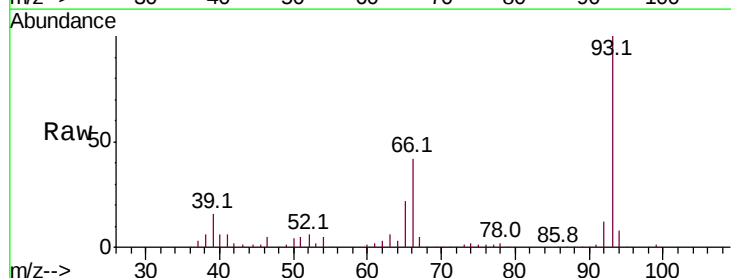
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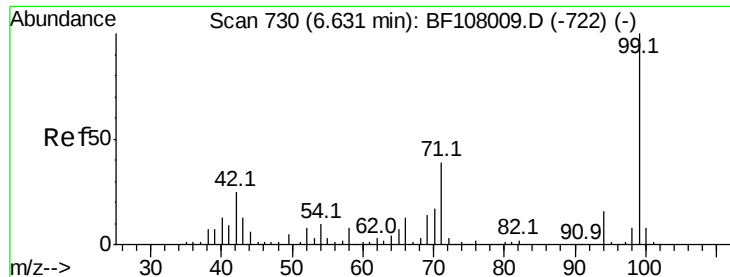
Sohil
 8/23/2018 3:43:04 PM



#6
 Aniline
 Concen: 29.325 ng
 RT: 6.67 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.1	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 152.032 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion: 99 Resp: 1656411

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

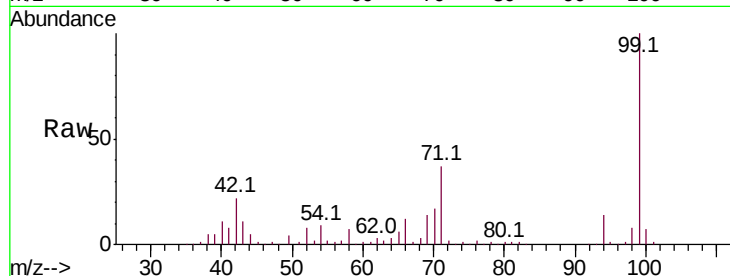
71 37.3 25.4 38.0

Manual Integrations

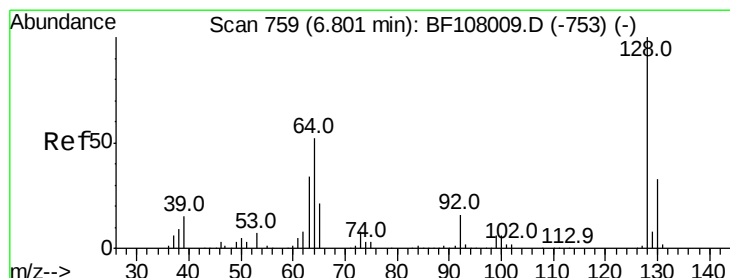
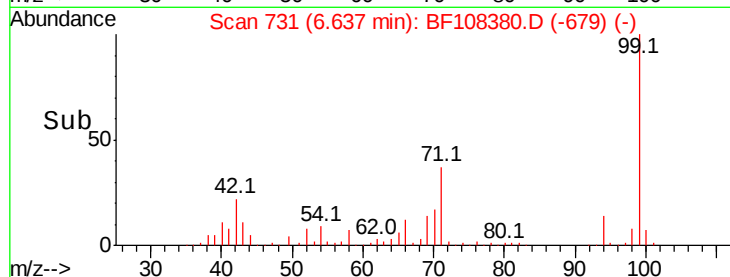
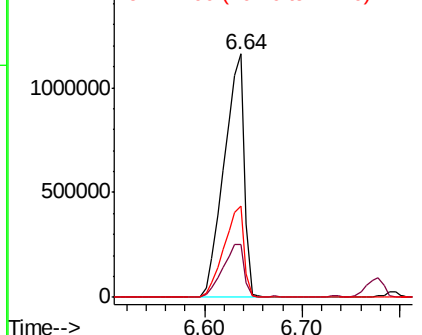
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.809 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

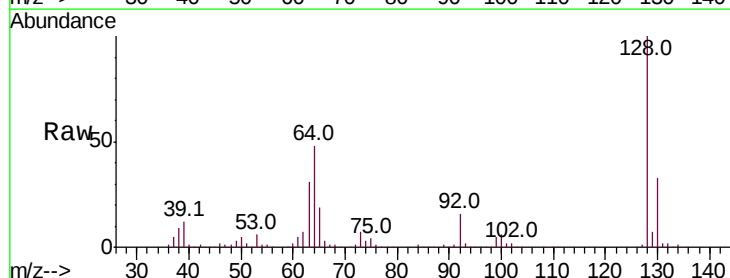
Tgt Ion:128 Resp: 413773

Ion Ratio Lower Upper

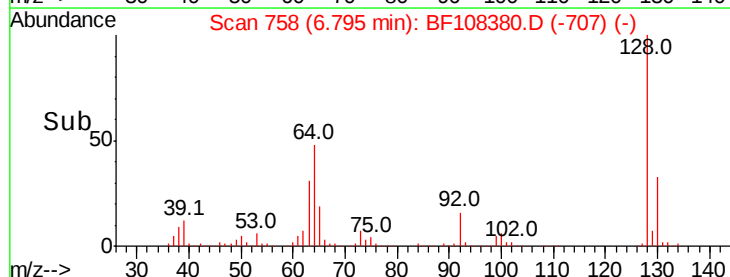
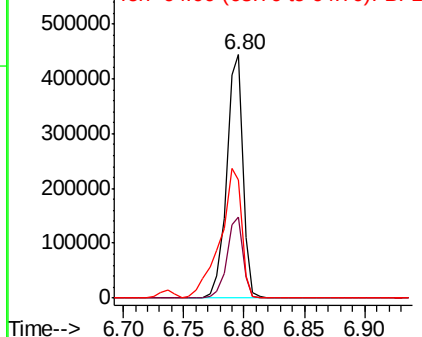
128 100

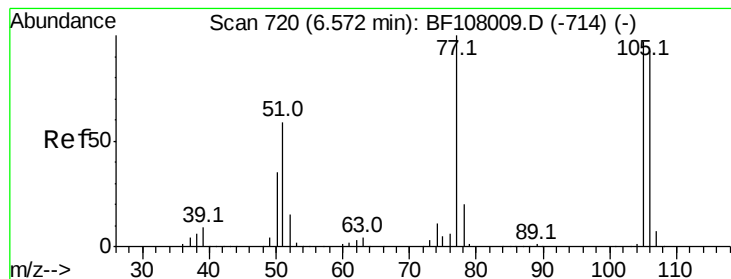
130 33.1 13.0 53.0

64 48.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 21.767 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

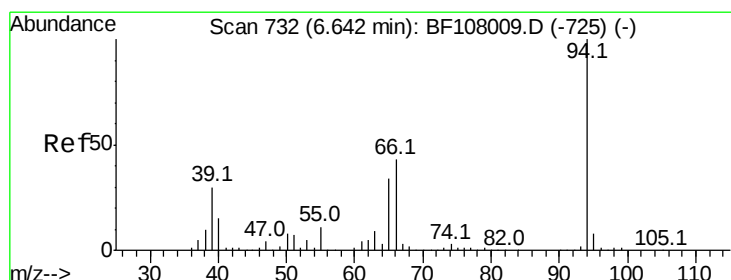
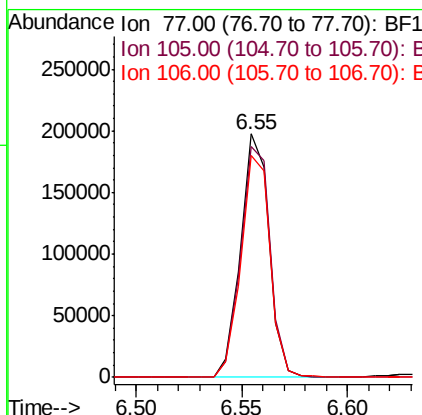
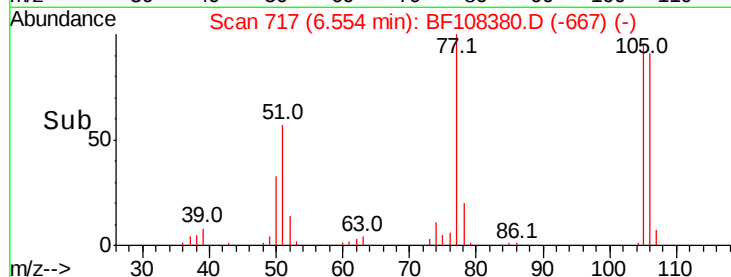
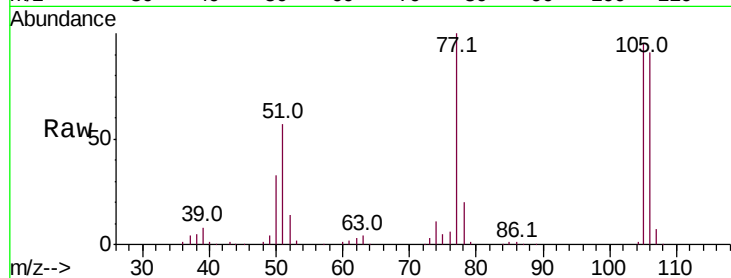
ClientSampleId :

PB112282BS

Tot Ion:	77	Resp:	183871
Ion Ratio	Lower	Upper	
77	100		
105	95.0	81.1	121.1
106	90.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 45.859 ng

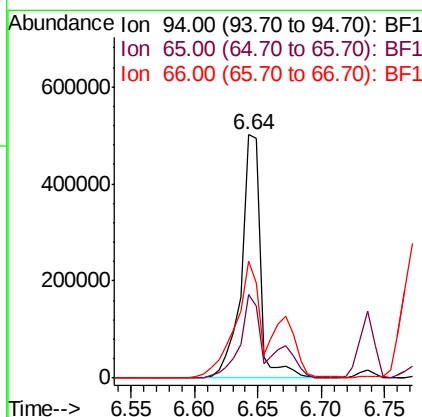
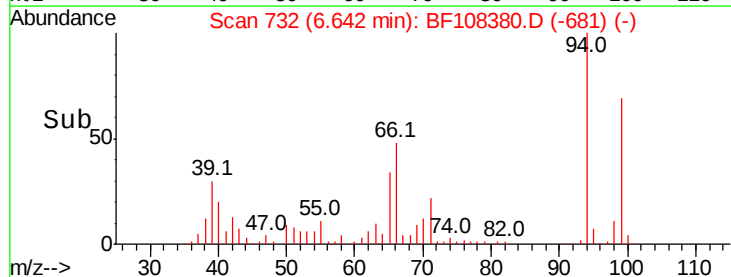
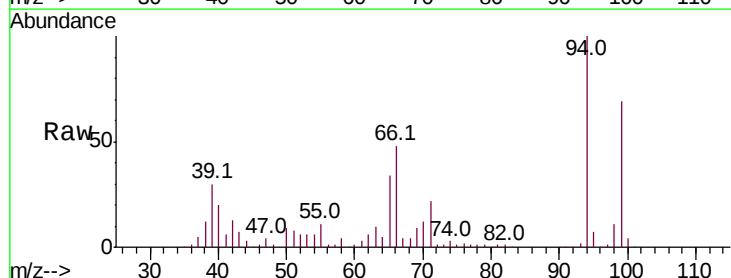
RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	94	Resp:	516823
Ion Ratio	Lower	Upper	
94	100		
65	34.5	7.9	47.9
66	47.9	16.2	56.2





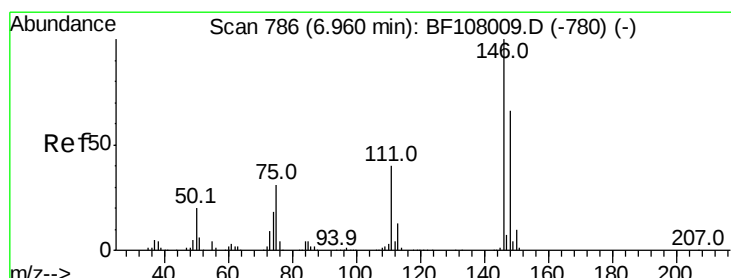
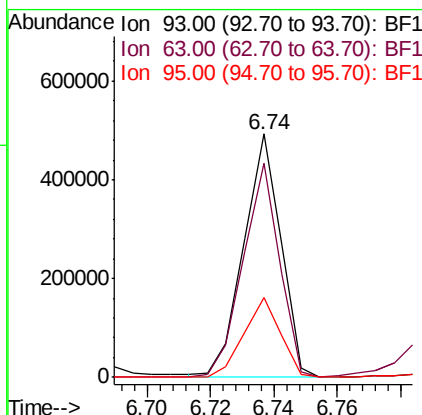
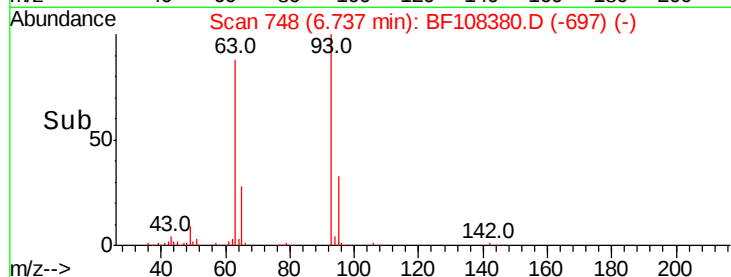
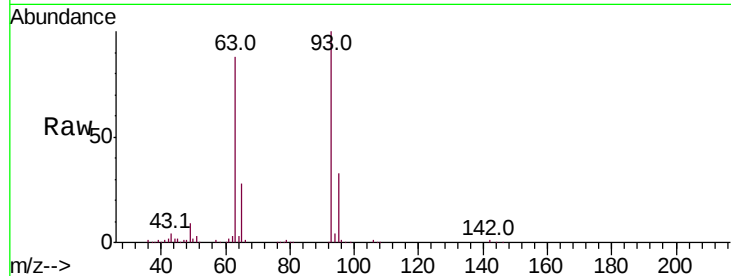
#11
bis(2-Chloroethyl)ether
Concen: 43.850 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	93	Resp	399521
Ion Ratio	100	Lower	Upper
93	100	58.6	98.6
63	88.0	11.8	51.8
95	32.7		

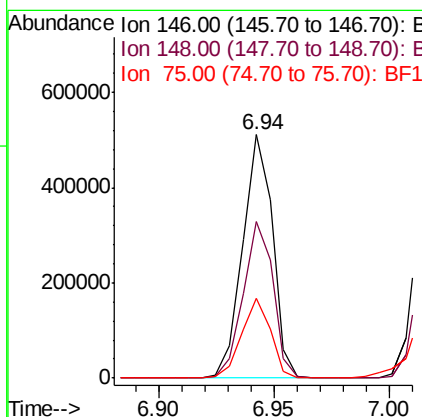
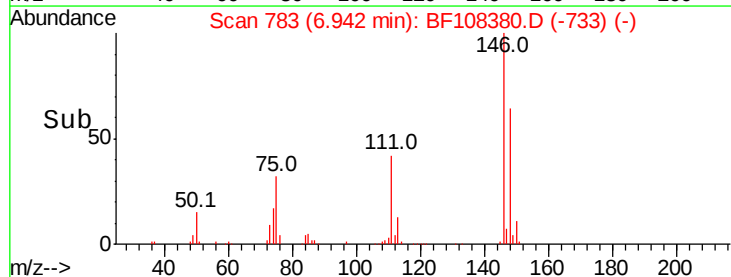
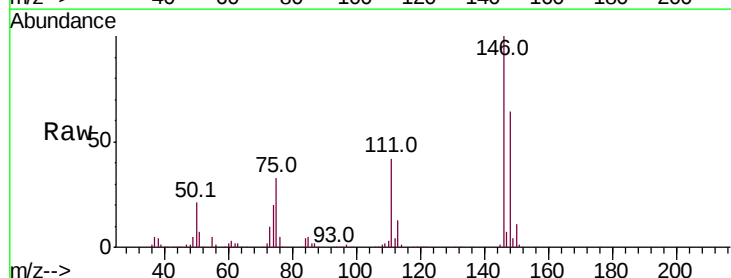
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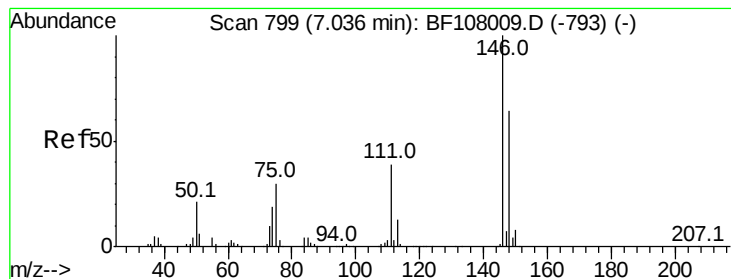
Sohil
8/23/2018 3:43:04 PM



#12
1,3-Dichlorobenzene
Concen: 43.462 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	146	Resp	464041
Ion Ratio	100	Lower	Upper
146	100	51.8	77.8
148	64.1	24.2	36.4
75	32.9		





#13

1,4-Dichlorobenzene

Concen: 43.635 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

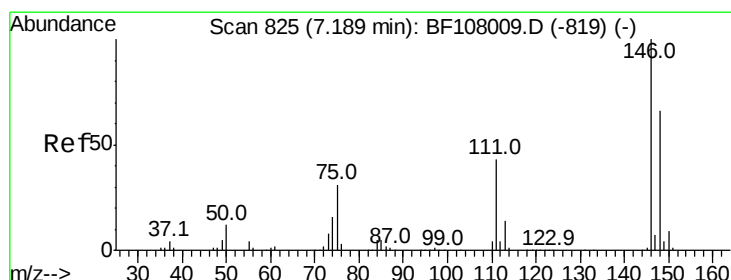
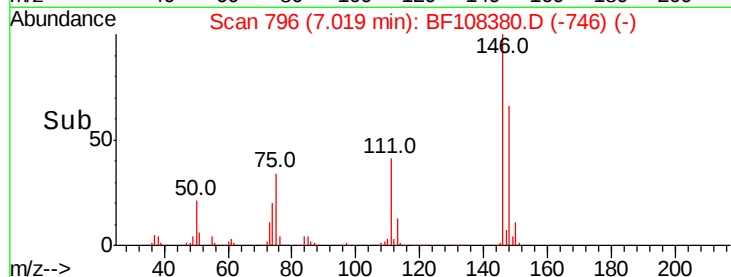
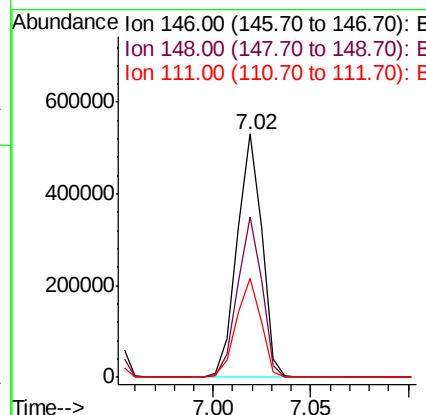
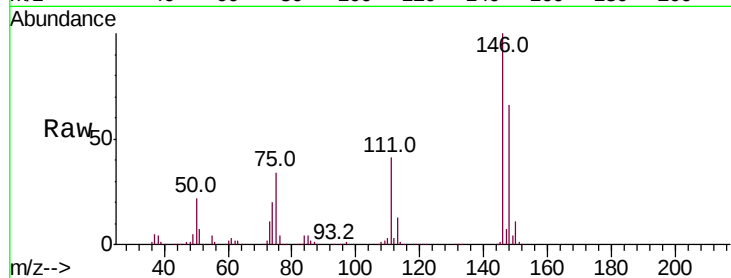
ClientSampleId :

PB112282BS

Tot Ion:	146	Resp:	468090
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.8	76.2
111	40.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 43.663 ng

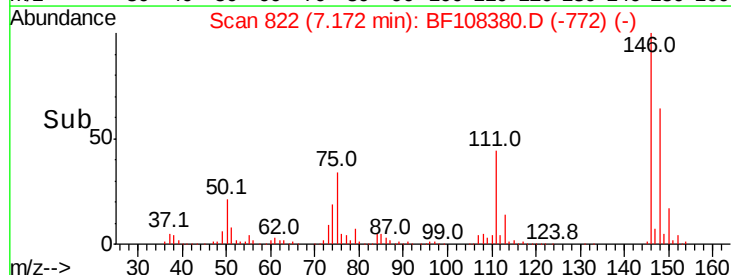
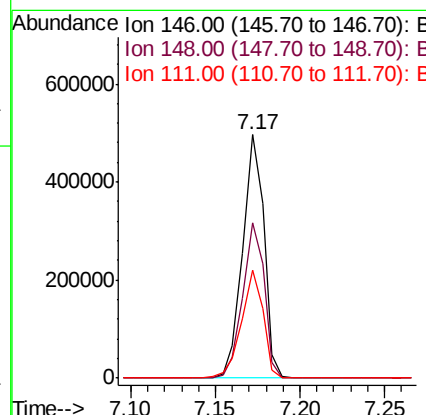
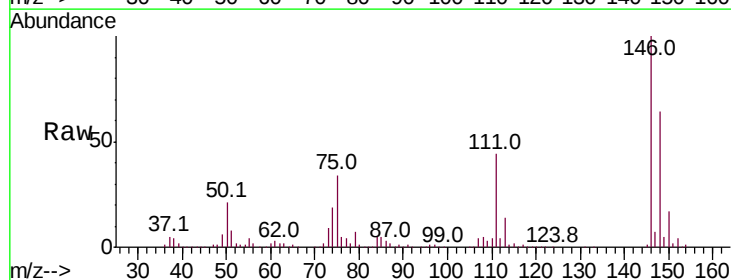
RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	146	Resp:	435678
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.251 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

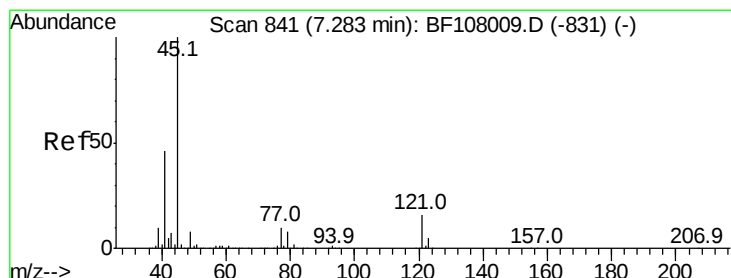
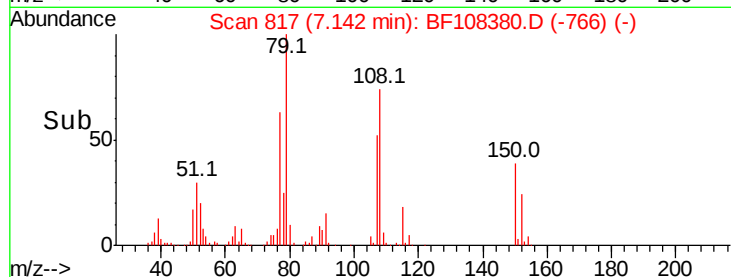
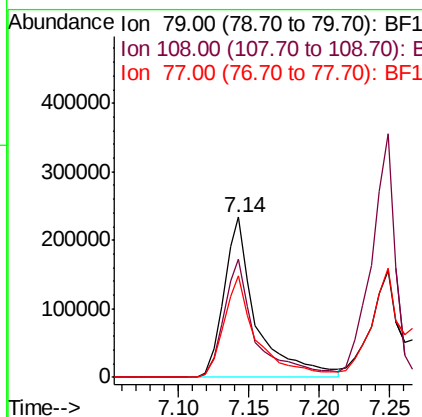
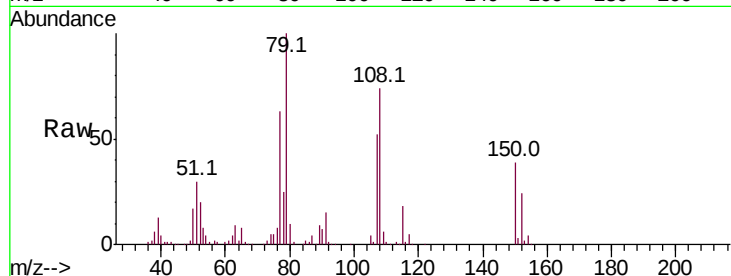
ClientSampleId :

PB112282BS

Tot Ion:	79	Resp:	369179
Ion Ratio	Lower	Upper	
79	100		
108	73.9	65.1	97.7
77	63.0	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.491 ng

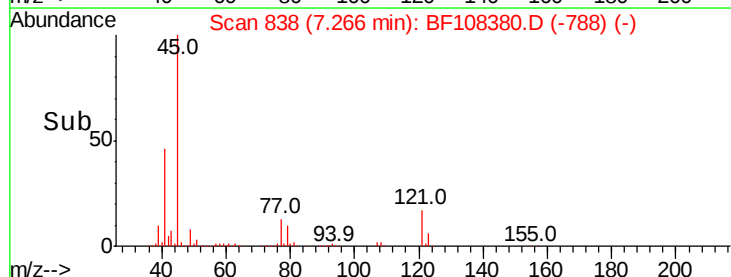
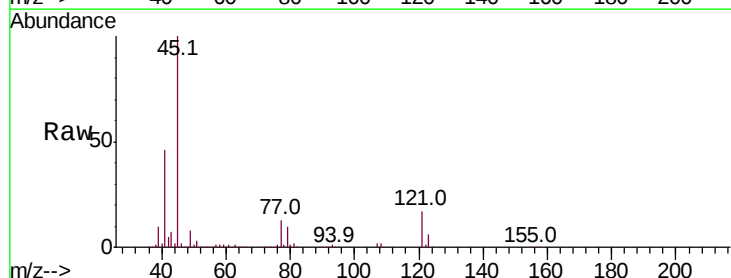
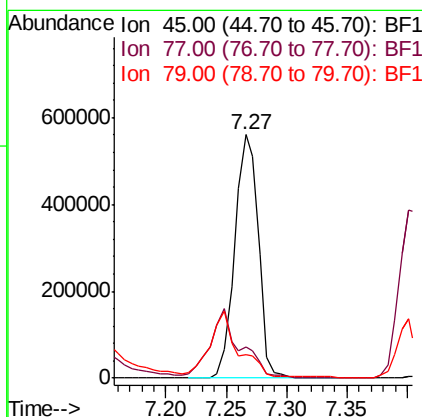
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	45	Resp:	760004
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.9
79	9.7	0.0	29.6





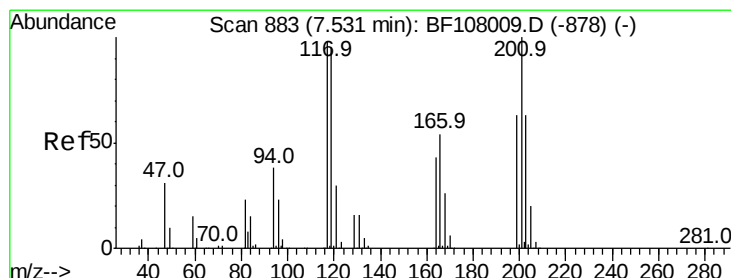
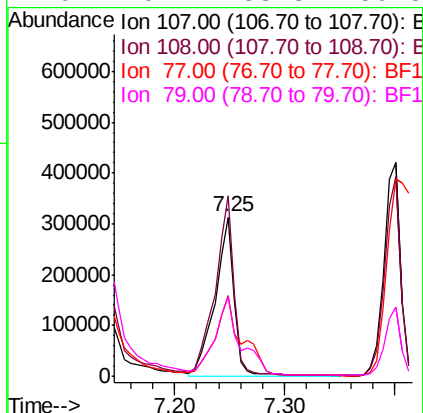
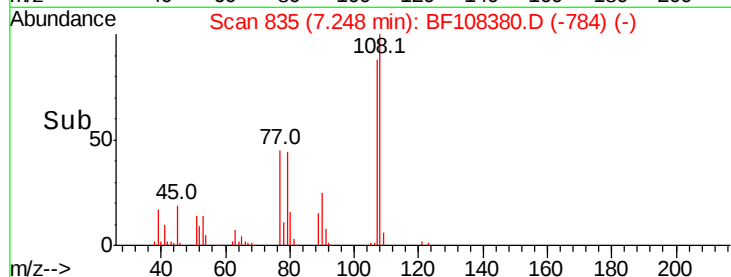
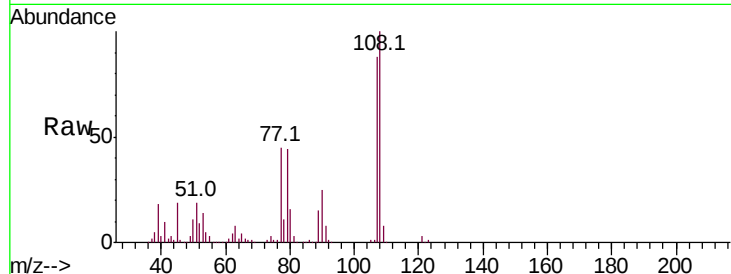
#17
2-Methylphenol
Concen: 47.004 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.7	137.5	
77	51.1	33.8	50.8	
79	49.7	33.8	50.8	

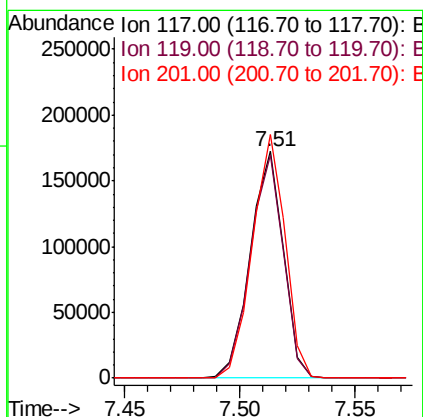
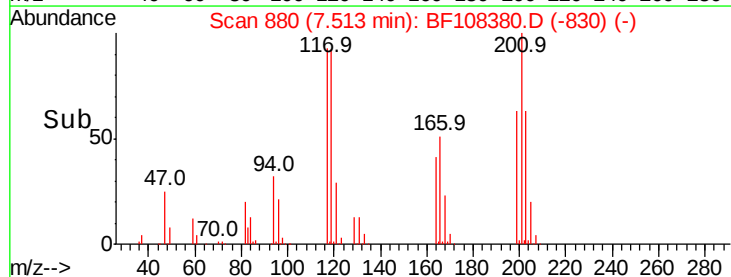
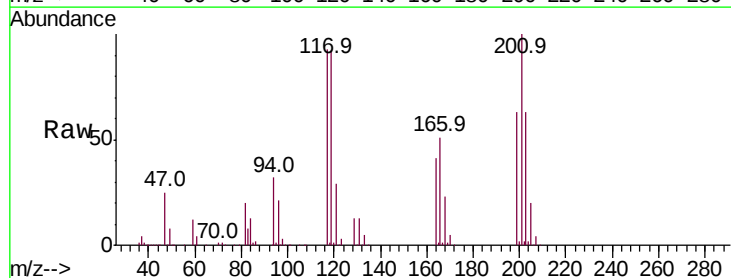
Manual Integrations
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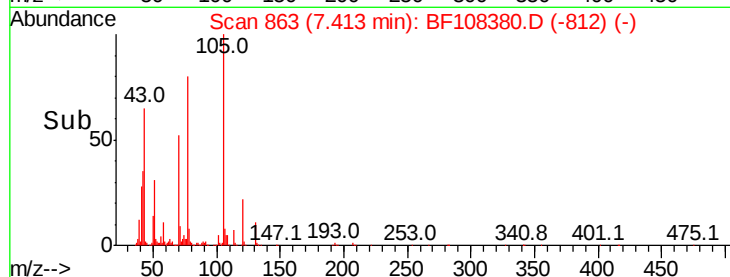
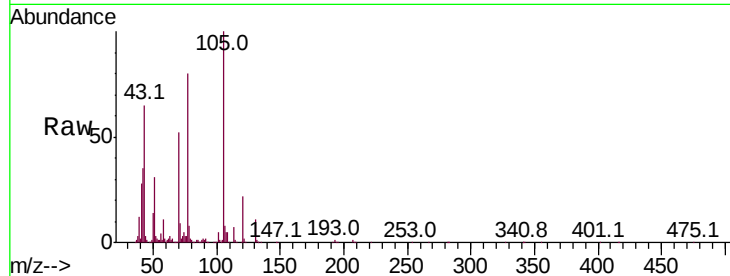
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#18
Hexachloroethane
Concen: 45.128 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	75.8	113.8	
201	107.5	75.7	113.5	





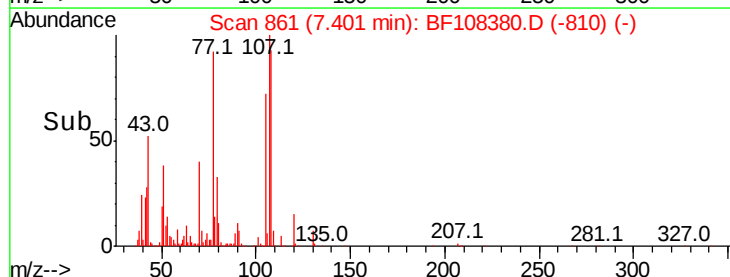
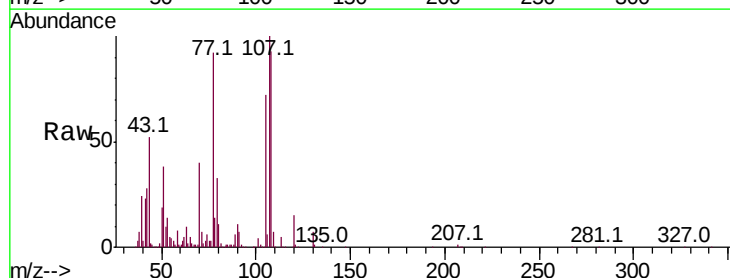
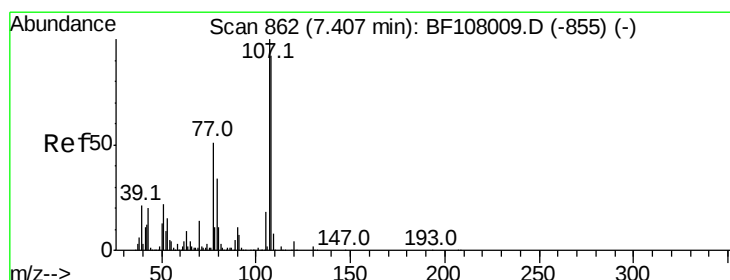
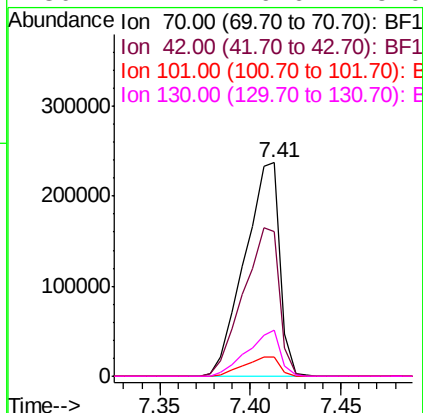
#19
n-Nitroso-di-n-propylamine
Concen: 43.382 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	47.5	71.3
101	9.3	7.4	11.2
130	21.4	16.6	25.0

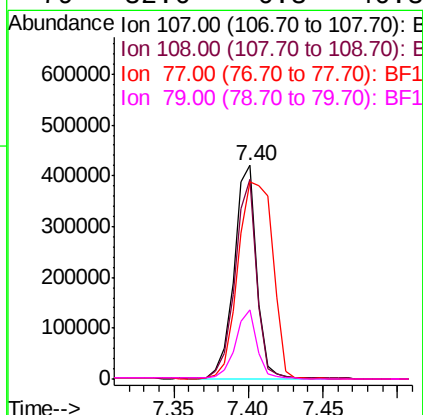
Manual Integrations
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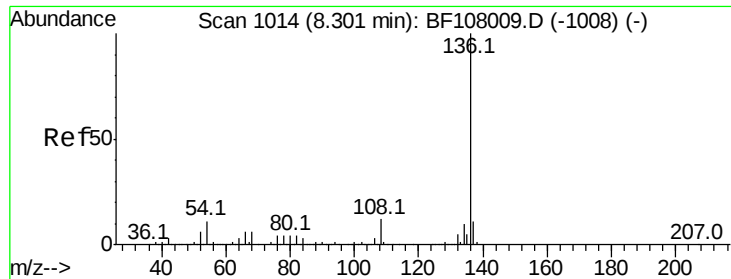
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#20
3+4-Methylphenols
Concen: 43.976 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	68.2	108.2
77	92.3	26.7	66.7#
79	32.6	6.3	46.3





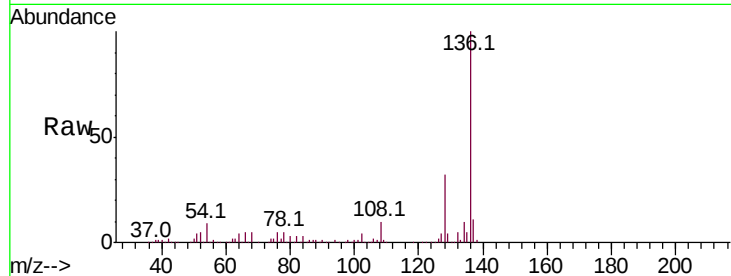
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

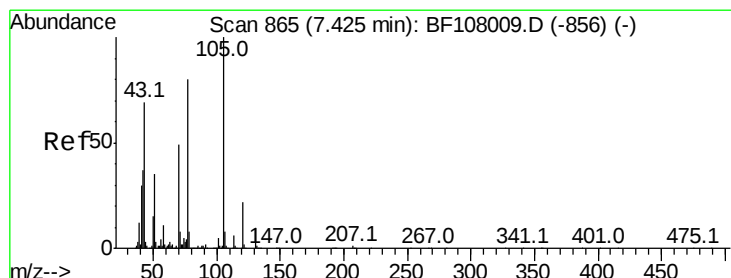
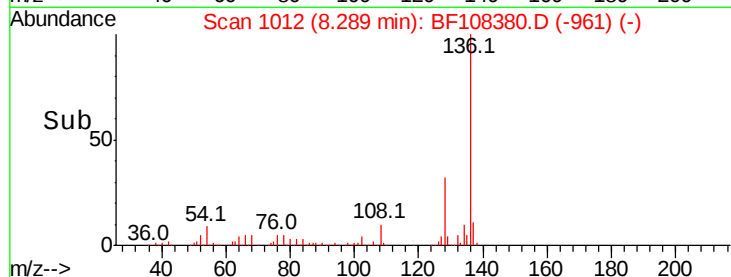
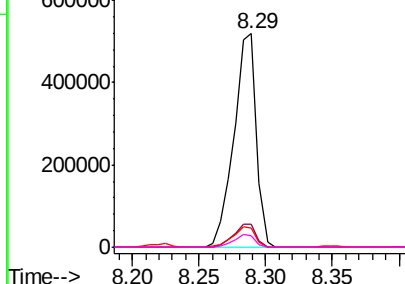
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	8.8	6.6	9.8	
68	5.4	5.0	7.4	

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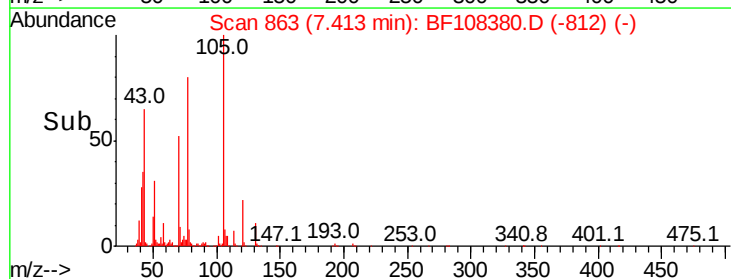
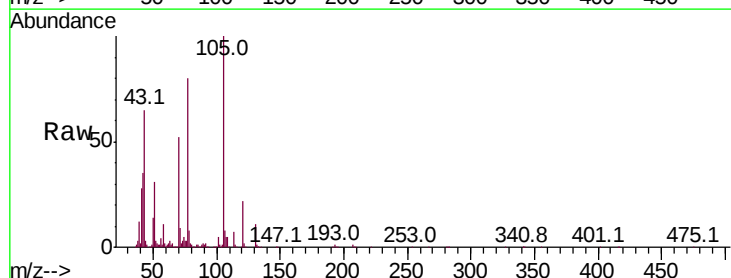
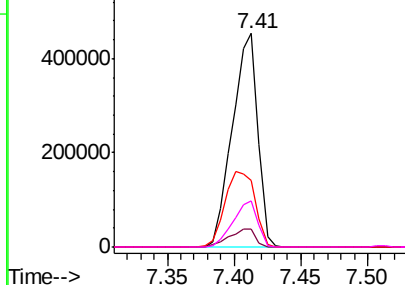
Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

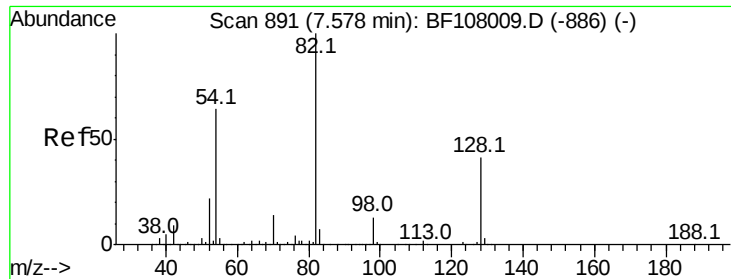


#22
Acetophenone
Concen: 42.311 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6#	
51	31.3	22.3	33.5	
120	21.7	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





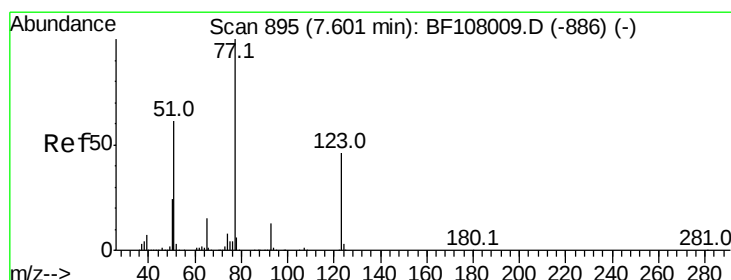
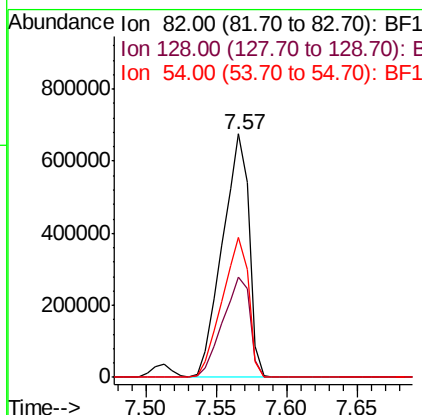
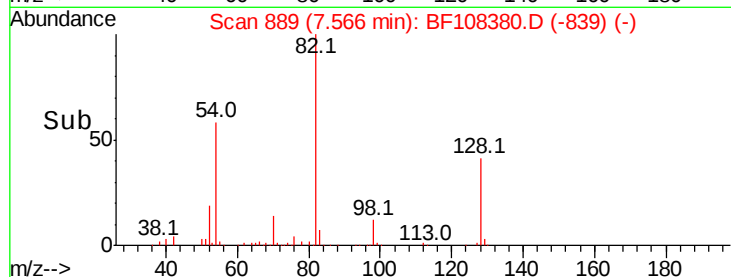
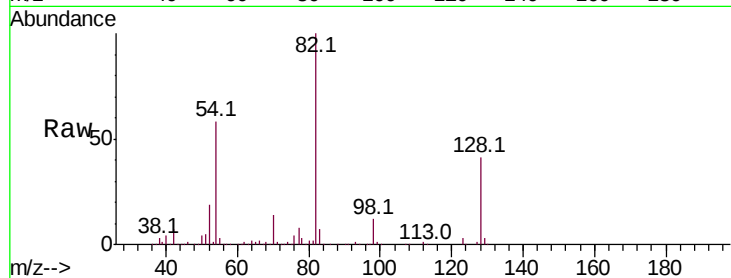
#23
Nitrobenzene-d5
Concen: 80.552 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	57.6	41.4	62.2

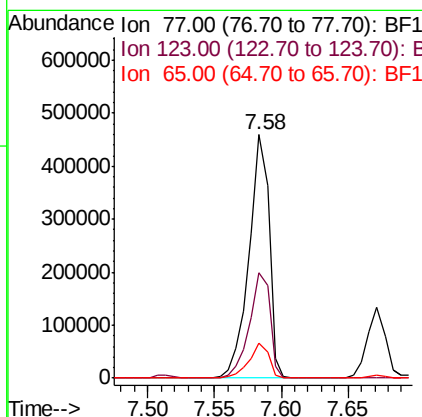
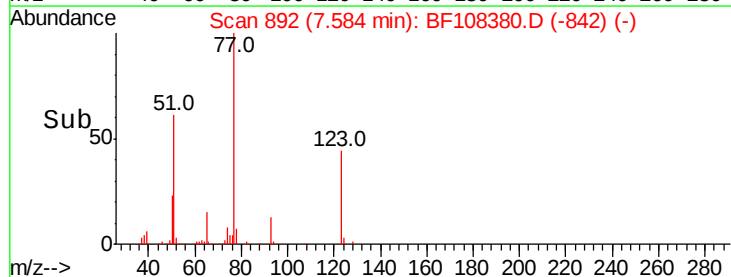
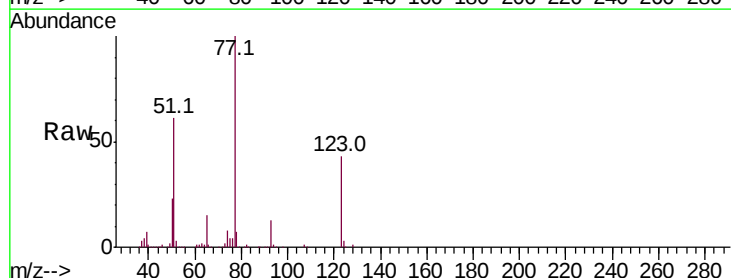
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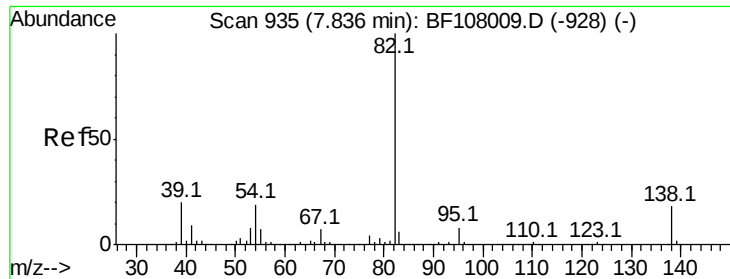
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#24
Nitrobenzene
Concen: 42.523 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 42.351 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

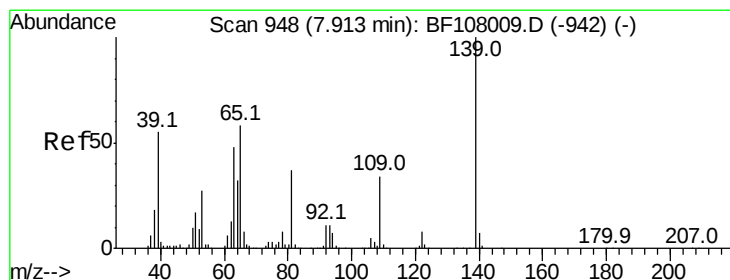
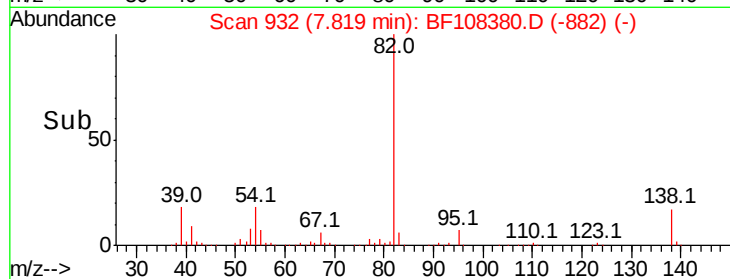
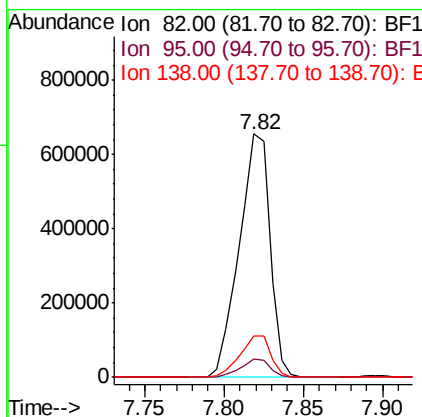
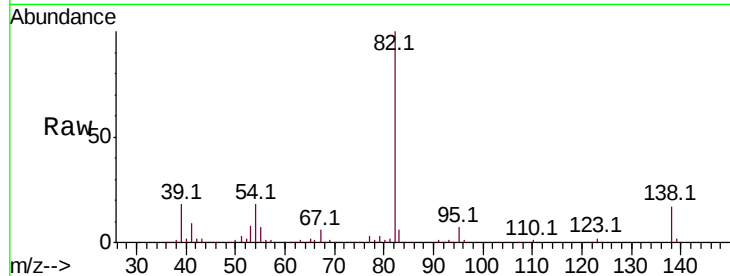
ClientSampleId :

PB112282BS

Tot Ion:	82	Resp:	885301
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.805 ng

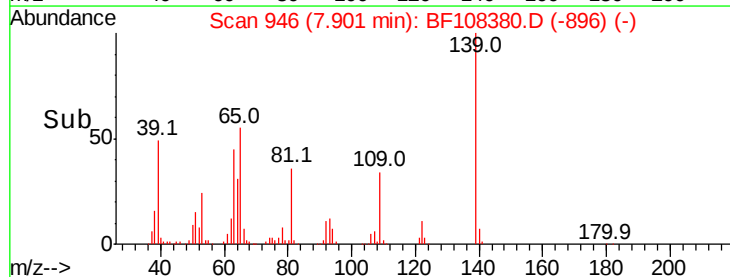
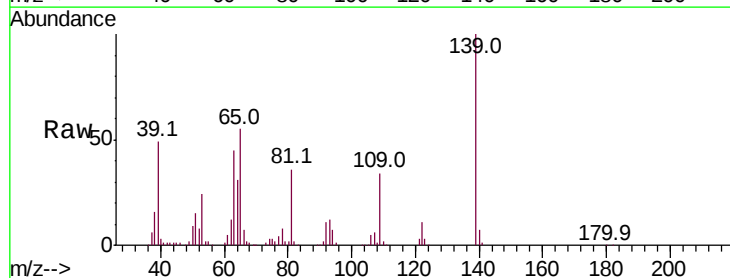
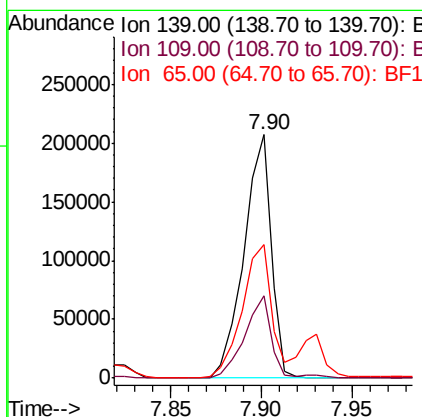
RT: 7.90 min Scan# 946

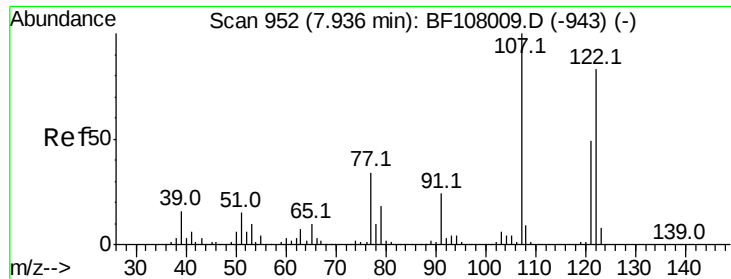
Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	139	Resp:	216970
Ion Ratio	Lower	Upper	
139	100		
109	33.6	22.7	34.1
65	54.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.337 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

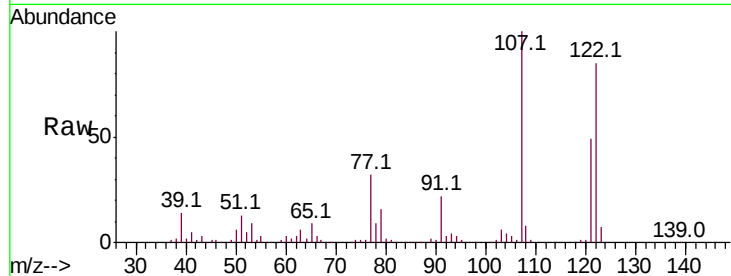
ClientSampled :

PB112282BS

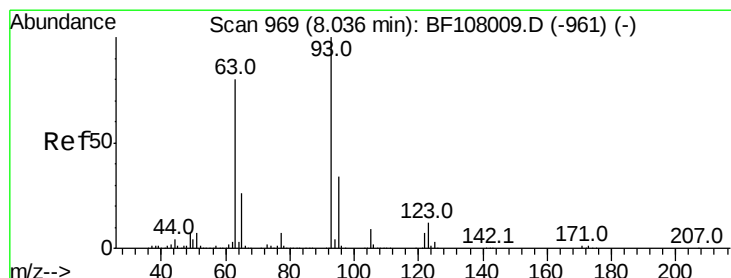
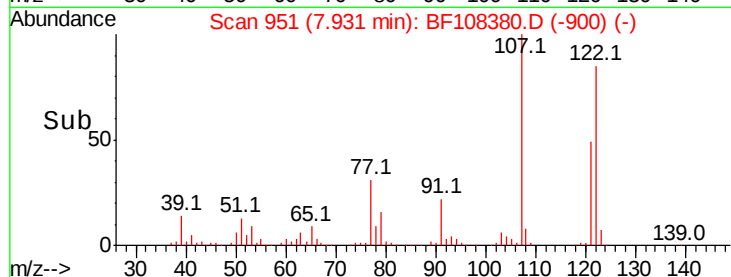
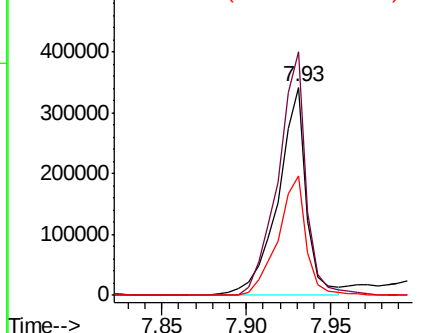
Tot Ion:	122	Resp:	402079
Ion Ratio	Lower	Upper	
122	100		
107	117.0	91.2	136.8
121	57.5	47.2	70.8

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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: 43.586 ng

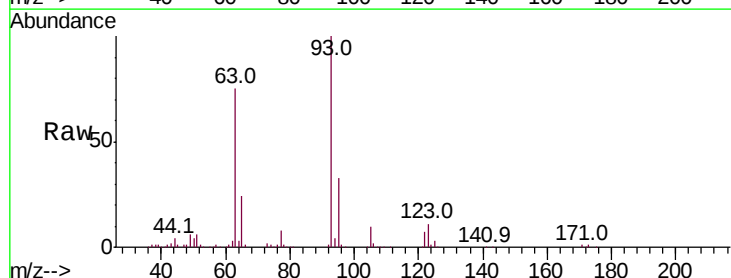
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

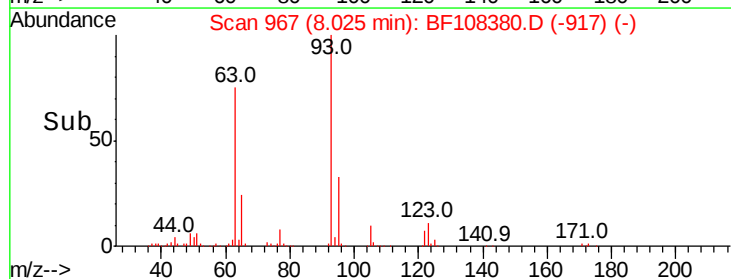
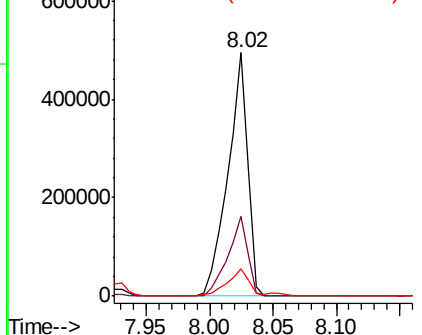
Lab File: BF108380.D

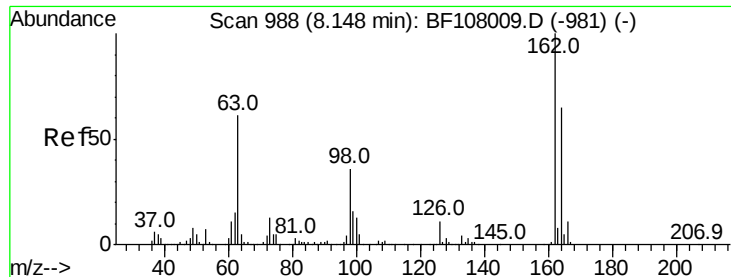
Acq: 22 Aug 2018 13:56

Tgt Ion:	93	Resp:	531898
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.3	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





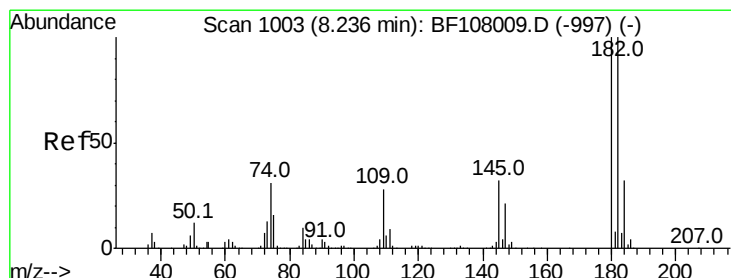
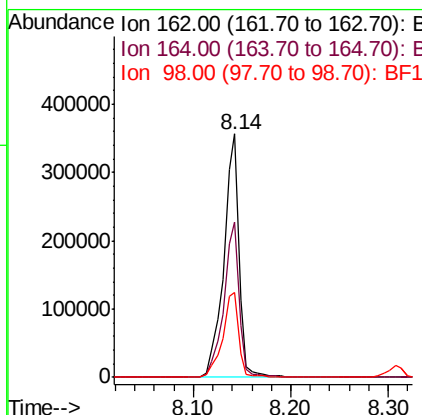
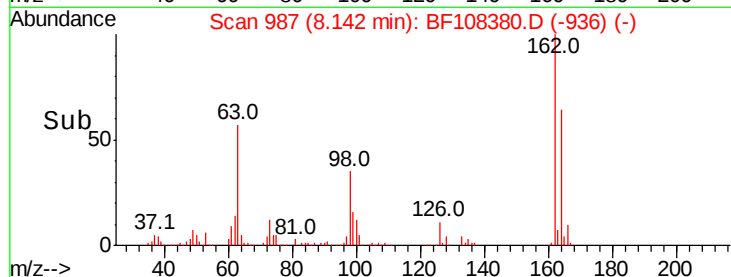
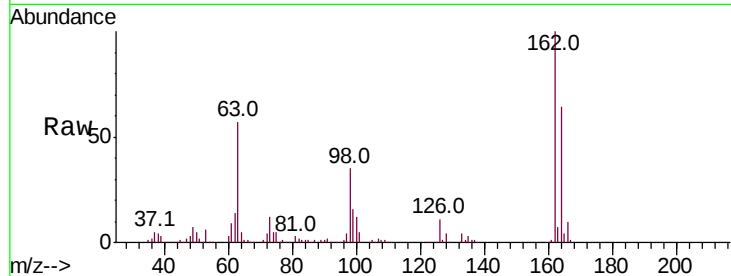
#29
2,4-Dichlorophenol
Concen: 45.331 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387038		
164	64.0	42.7	82.7	
98	35.0	18.1	58.1	

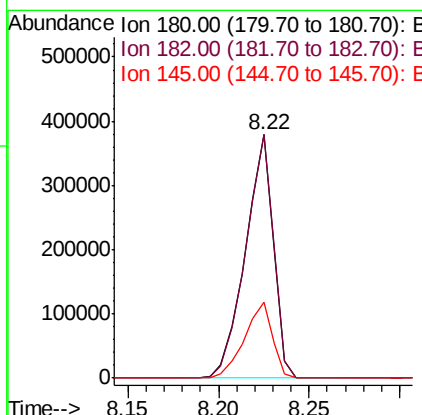
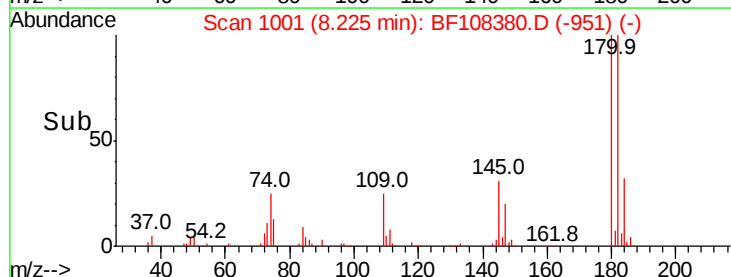
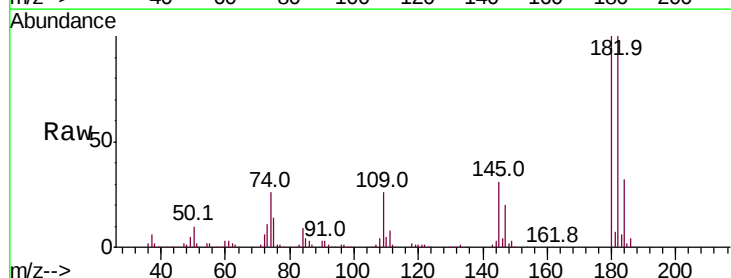
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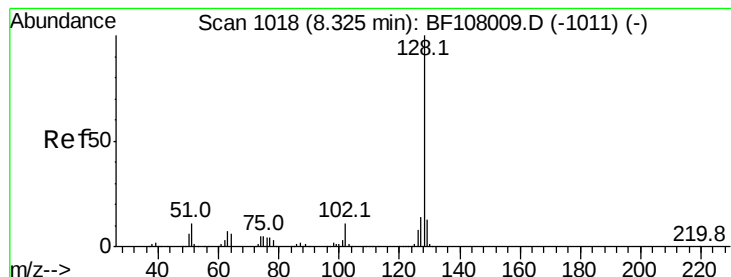
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.049 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	405240		
182	100.1	76.8	115.2	
145	31.1	26.5	39.7	





#31

Naphthalene

Concen: 44.202 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

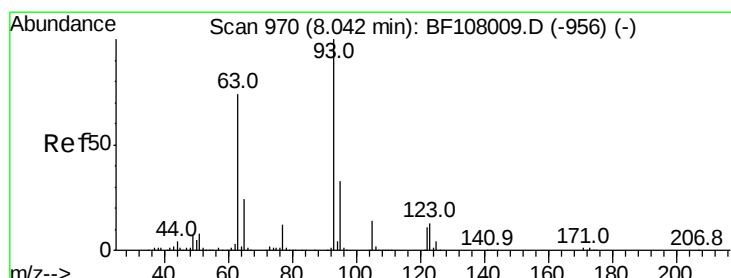
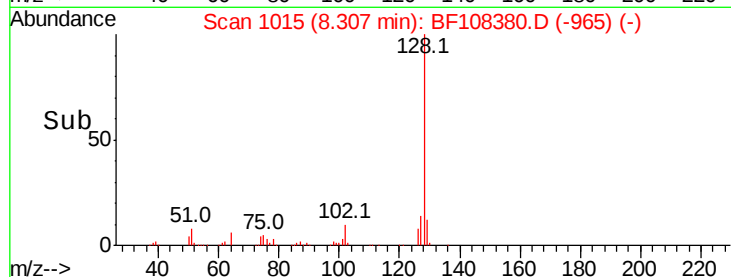
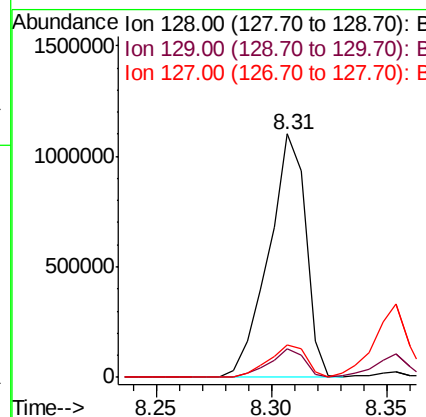
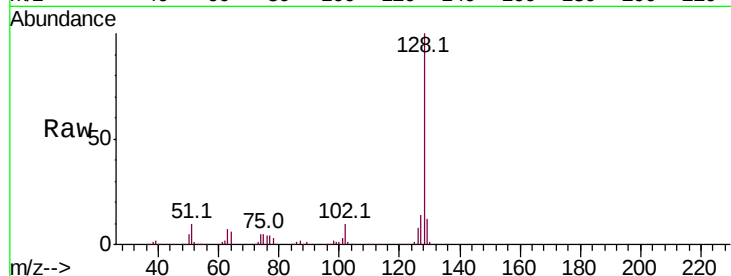
ClientSampleId :

PB112282BS

Tot Ion:	128	Resp:	1230243
Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 40.068 ng

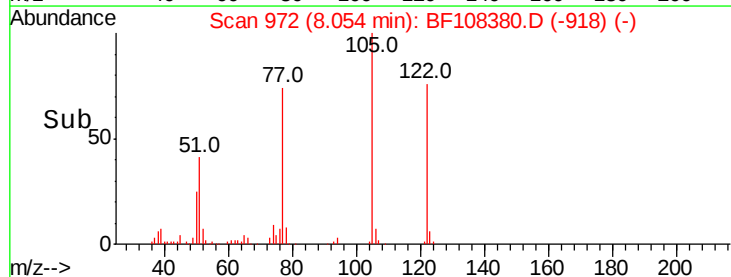
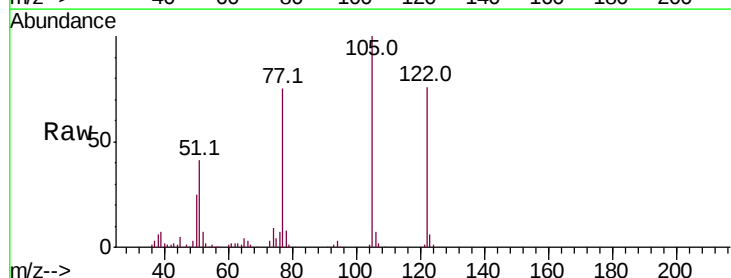
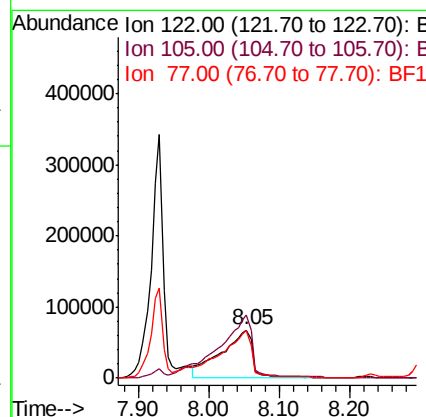
RT: 8.05 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	122	Resp:	209653
Ion	Ratio	Lower	Upper
122	100		
105	130.8	101.1	141.1
77	98.7	70.7	110.7





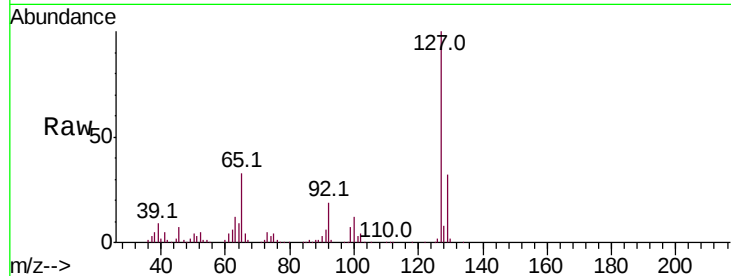
#33
4-Chloroaniline
Concen: 28.134 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampled :
PB112282BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	33.1	25.0	37.4		
92	19.2	15.2	22.8		

Manual Integrations
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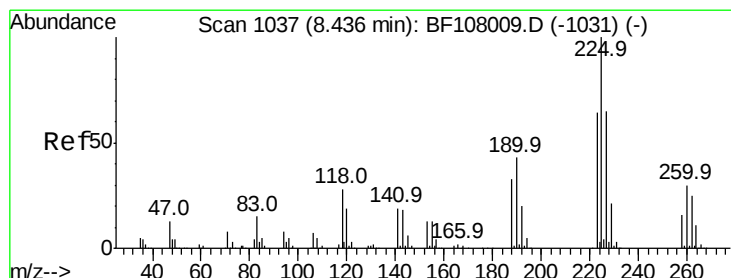
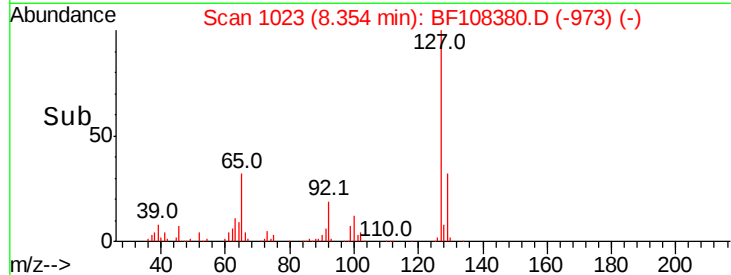
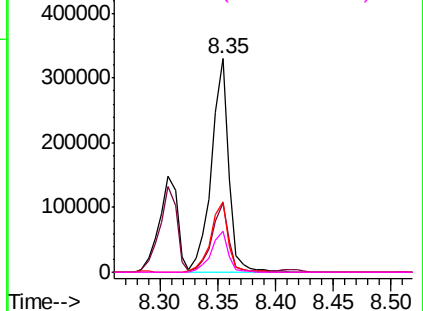
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.667 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

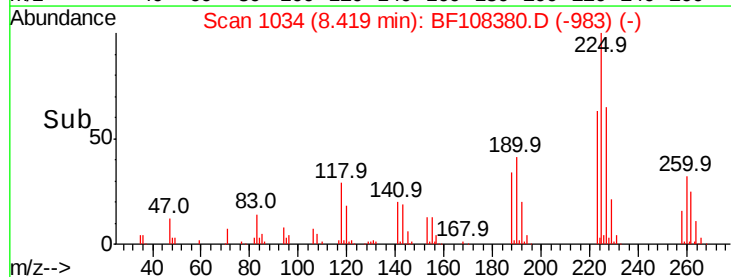
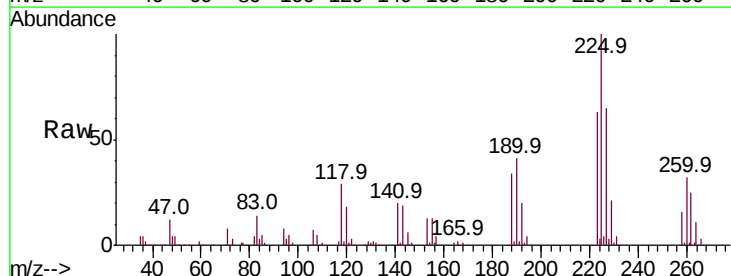
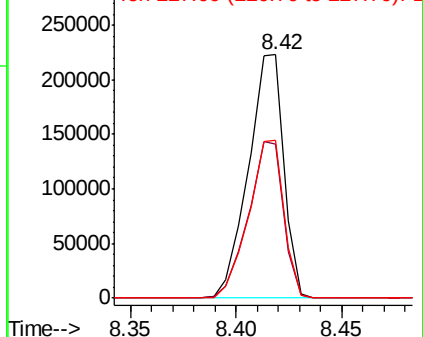
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.6	76.0		
227	64.8	51.9	77.9		

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





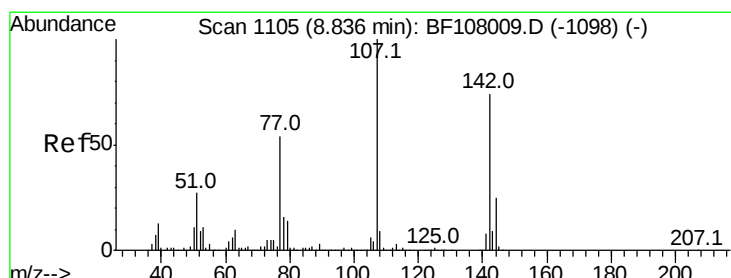
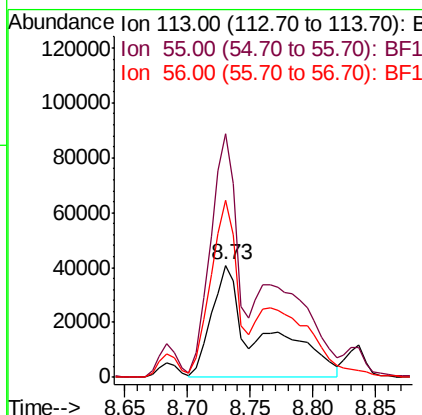
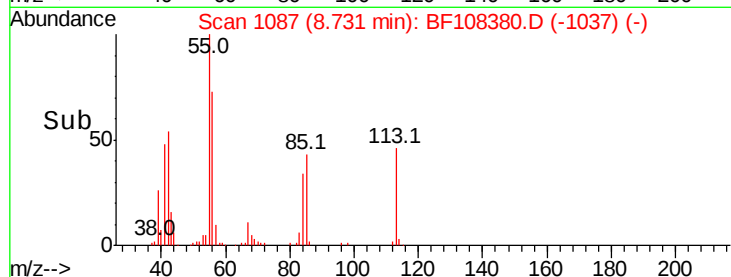
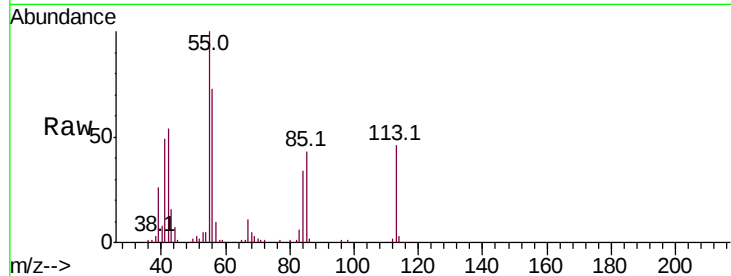
#35
 Caprolactam
 Concen: 41.049 ng/ml
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleID :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.6	163.3	203.3#
56	158.0	115.7	155.7#

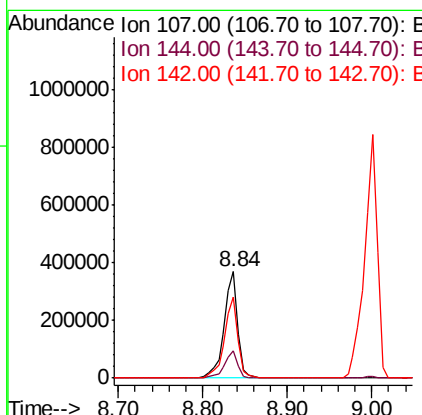
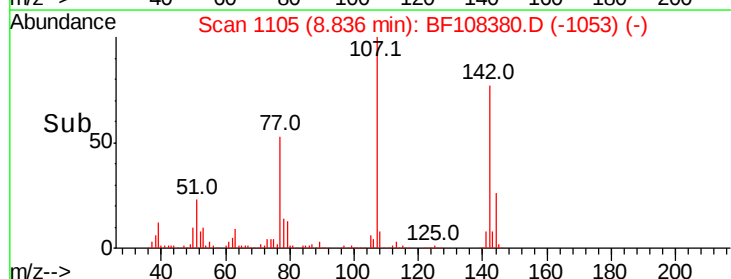
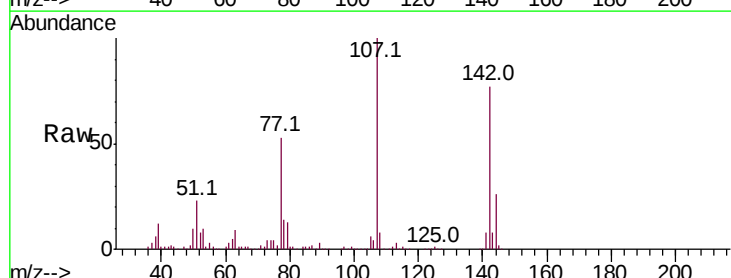
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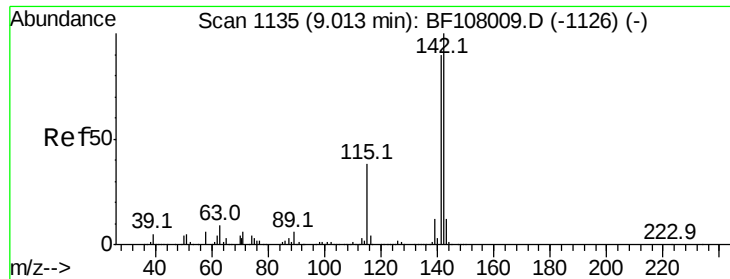
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#36
 4-Chloro-3-methylphenol
 Concen: 44.793 ng/ml
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	76.6	62.0	93.0





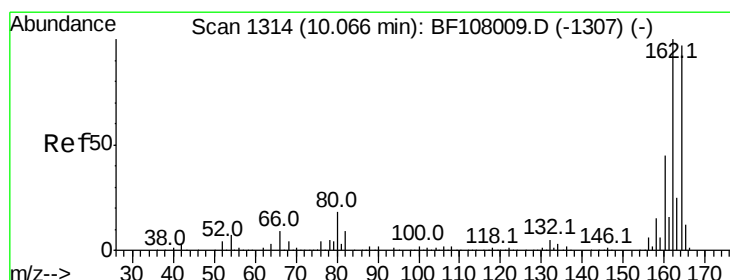
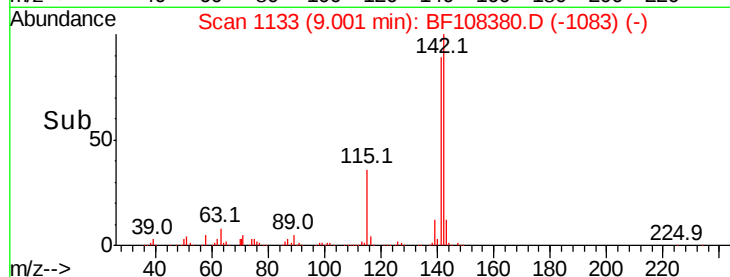
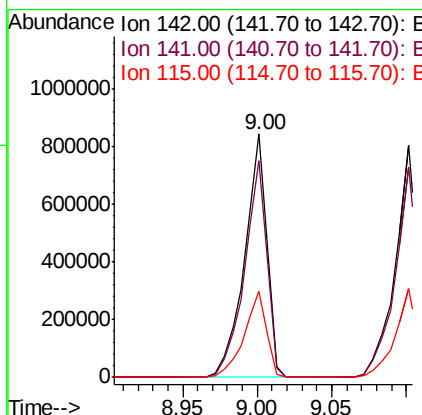
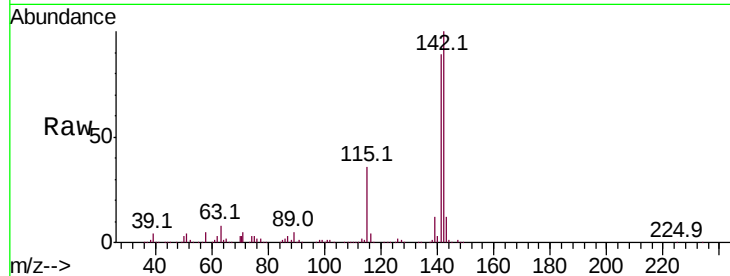
#37
2-Methylnaphthalene
Concen: 44.219 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleID :
PB112282BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.5	26.1	39.1

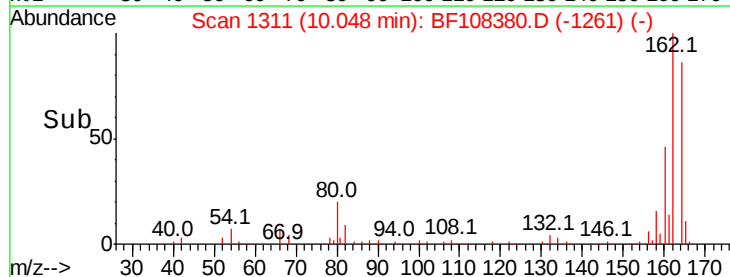
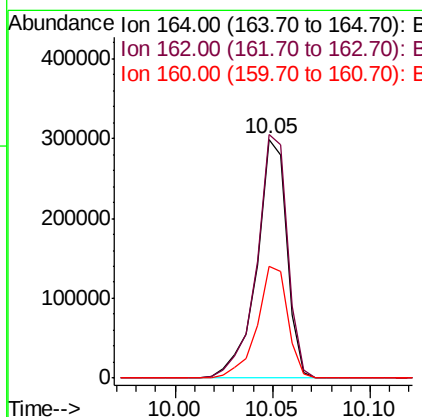
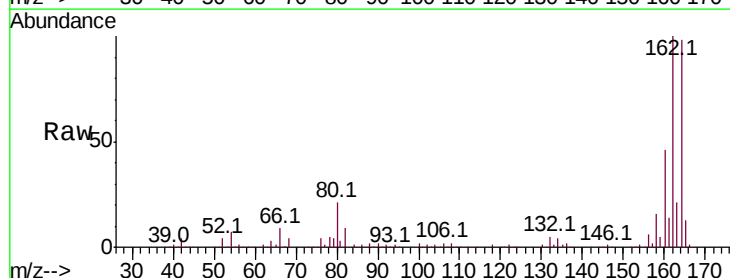
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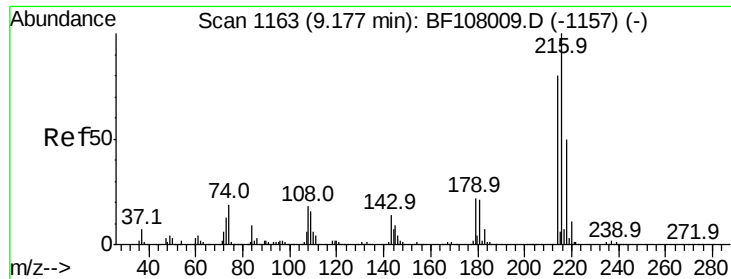
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.6	38.3	57.5





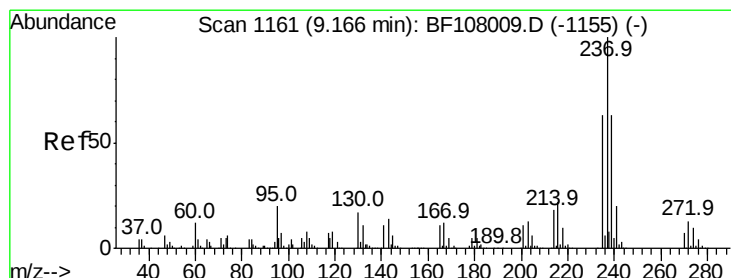
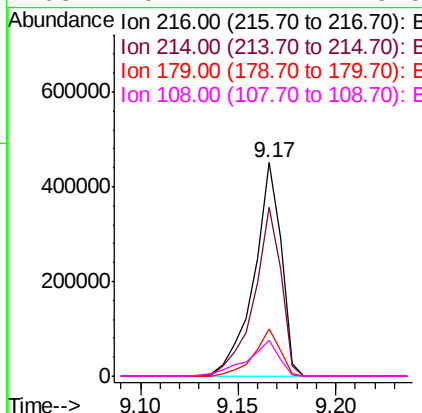
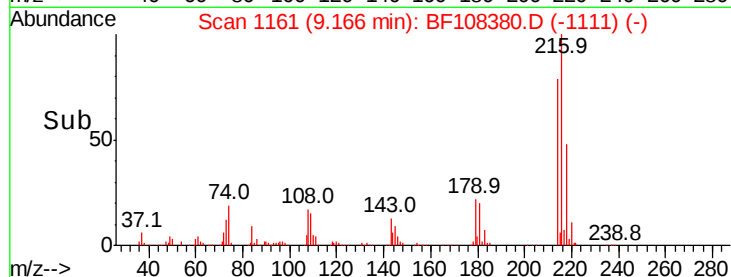
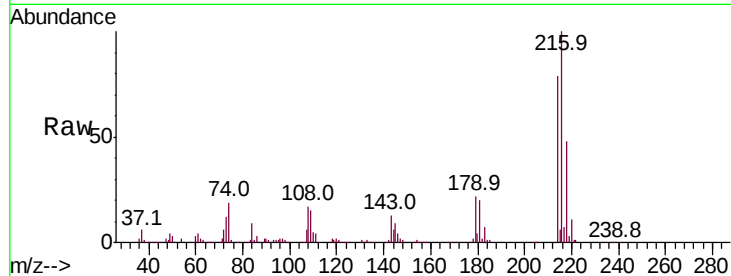
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.733 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	437292		
214	78.6	63.0	94.4	
179	21.0	18.1	27.1	
108	19.7	17.2	25.8	

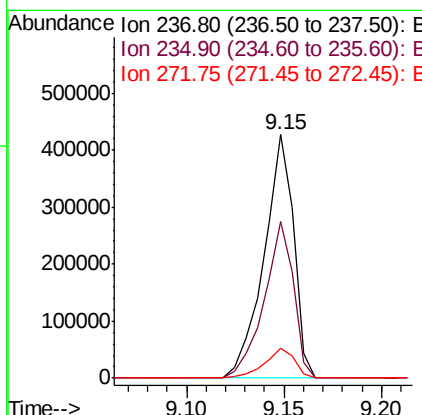
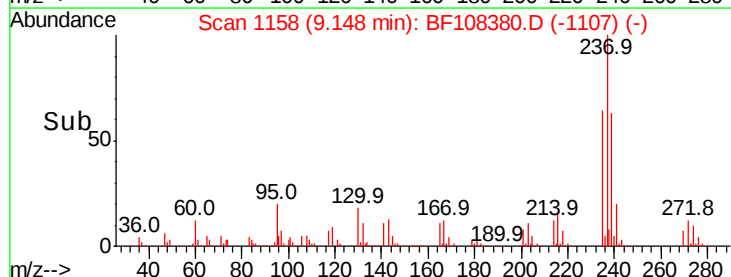
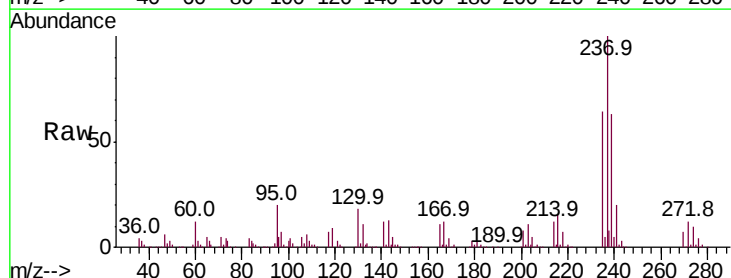
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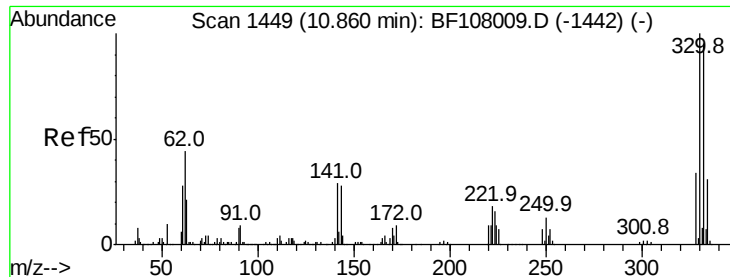
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#40
 Hexachlorocyclopentadiene
 Concen: 71.271 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	450018		
235	64.4	44.8	84.8	
272	12.3	0.0	33.3	





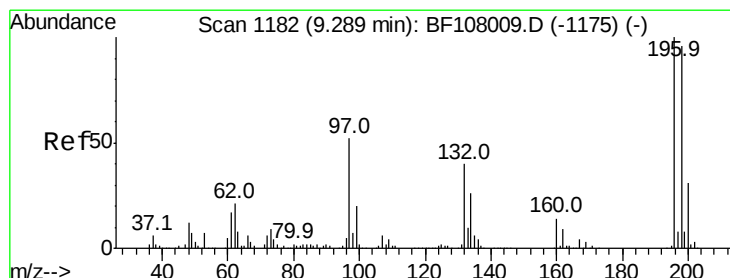
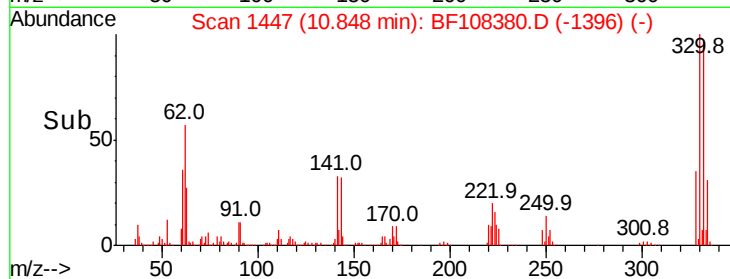
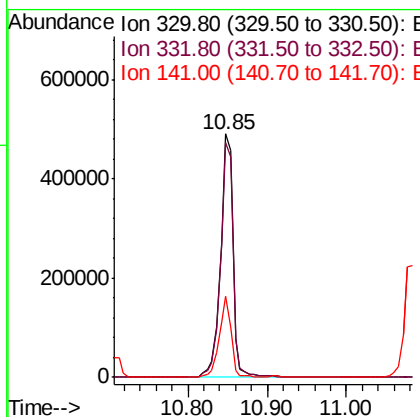
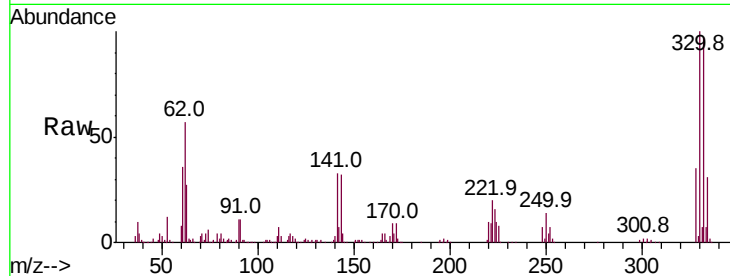
#41
 2,4,6-Tribromophenol
 Concen: 169.962 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	31.3	29.9	44.9	

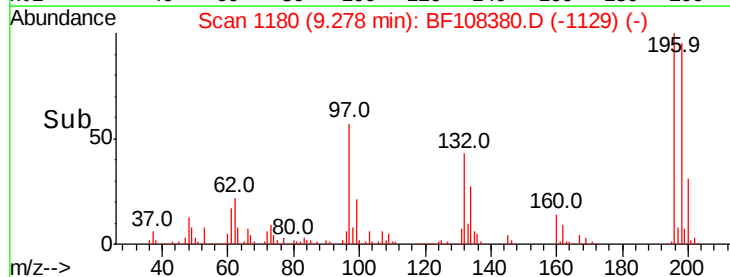
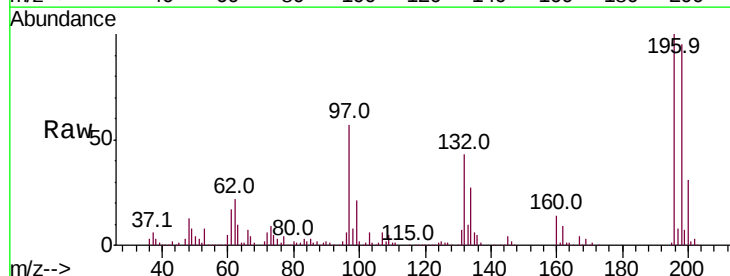
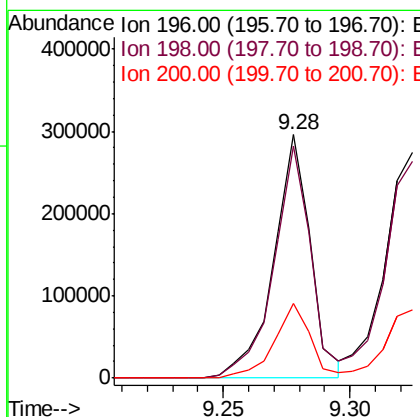
Manual Integrations
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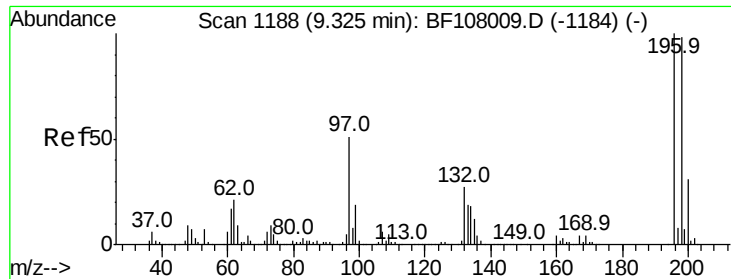
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#42
 2,4,6-Trichlorophenol
 Concen: 48.842 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	75.7	113.5	
200	30.6	24.5	36.7	





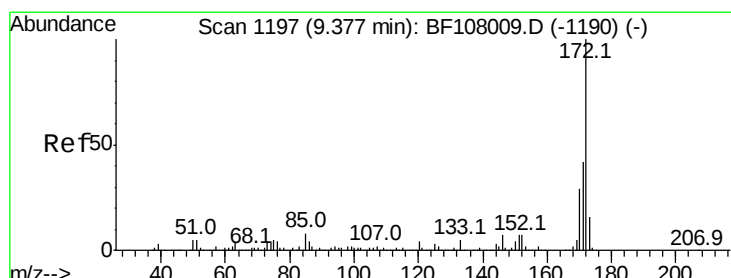
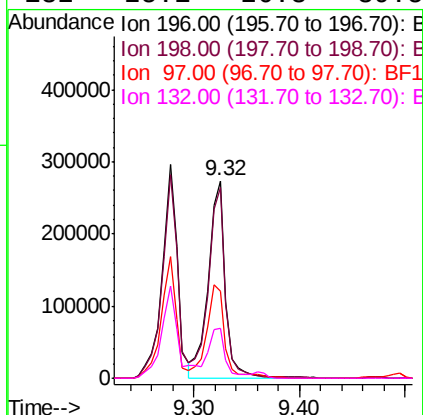
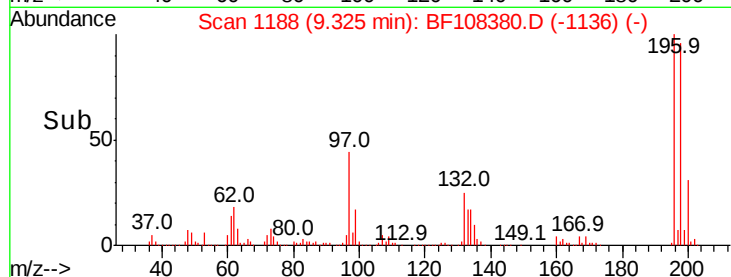
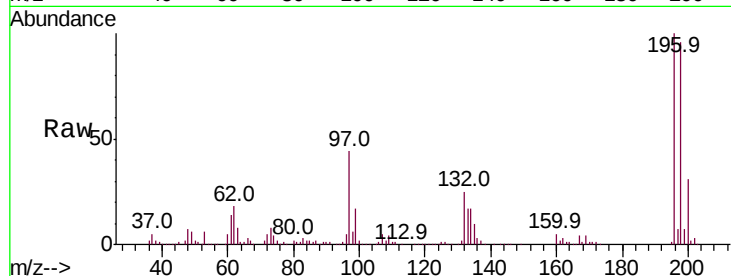
#43
 2,4,5-Trichlorophenol
 Concen: 46.892 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	313140		
198	96.3	74.6	112.0	
97	44.2	42.9	64.3	
132	25.1	26.3	39.5#	

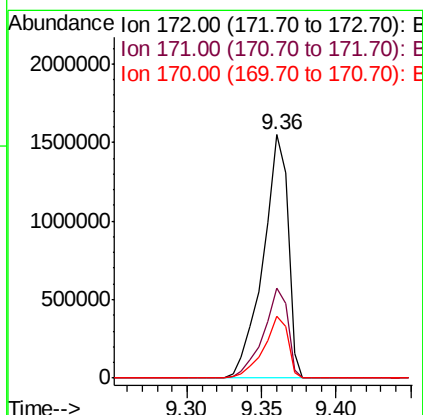
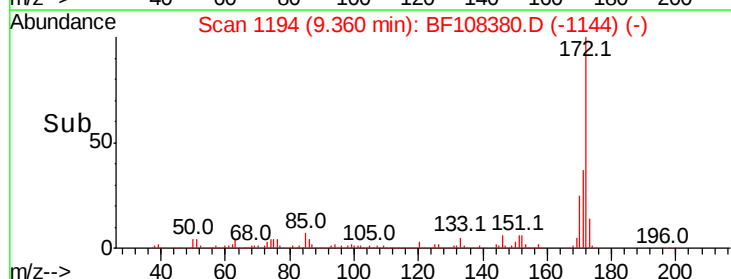
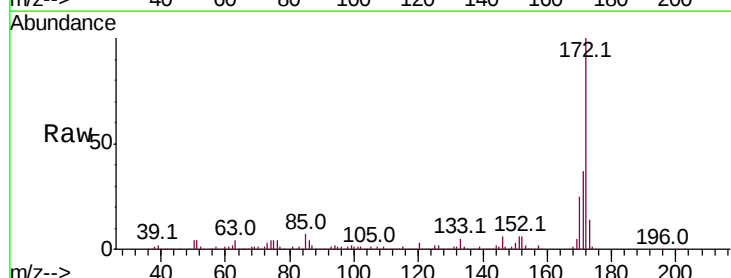
Manual Integrations
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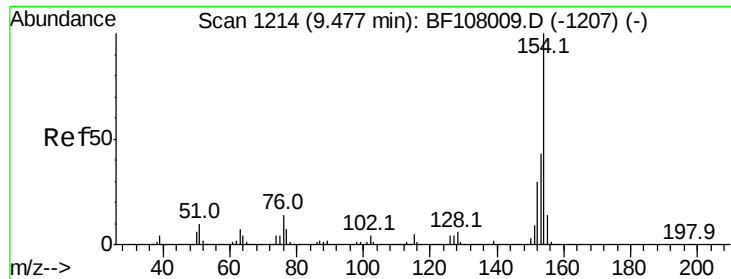
Sohil
 8/23/2018 3:43:04 PM



#44
 2-Fluorobiphenyl
 Concen: 89.917 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1782881		
171	37.0	29.7	44.5	
170	25.3	19.6	29.4	





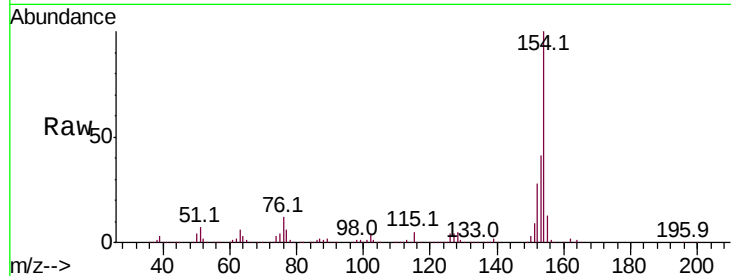
#45
 1,1'-Biphenyl
 Concen: 45.345 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

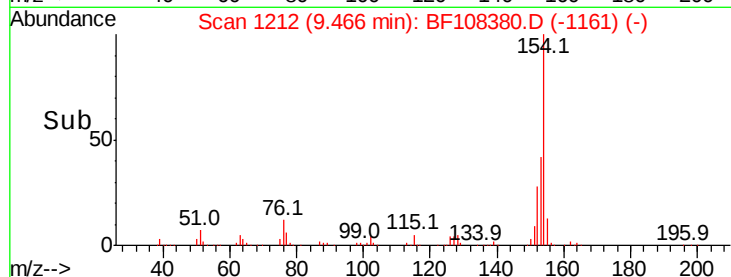
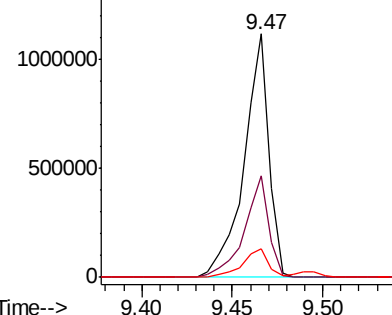
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	11.8	0.0	34.0

Manual Integrations
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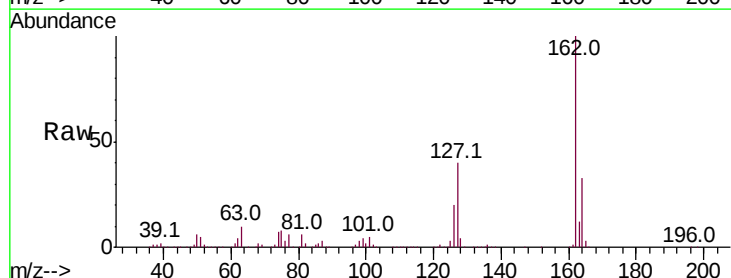
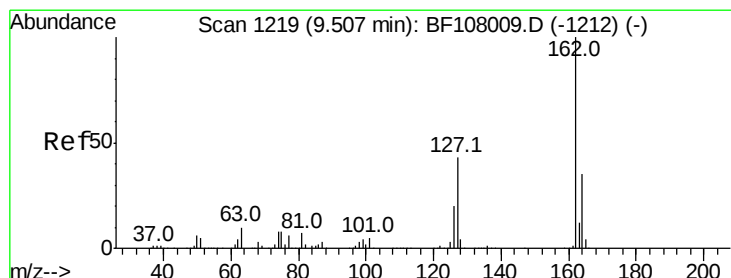
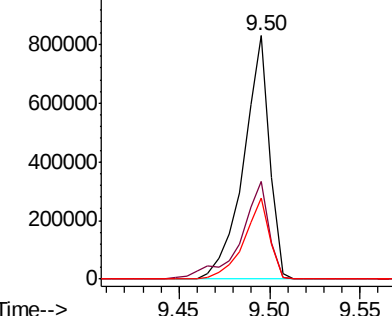
Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

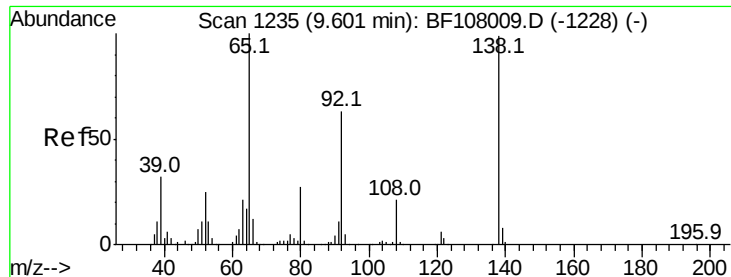


#46
 2-Chloronaphthalene
 Concen: 44.533 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	33.1	26.5	39.7

Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





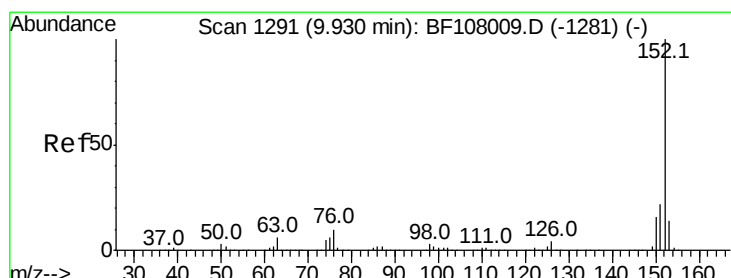
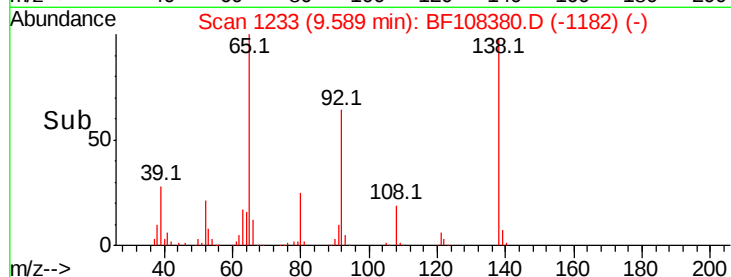
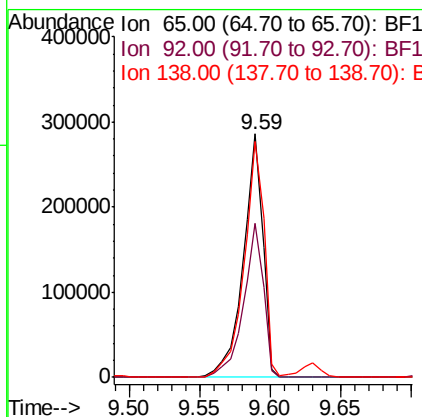
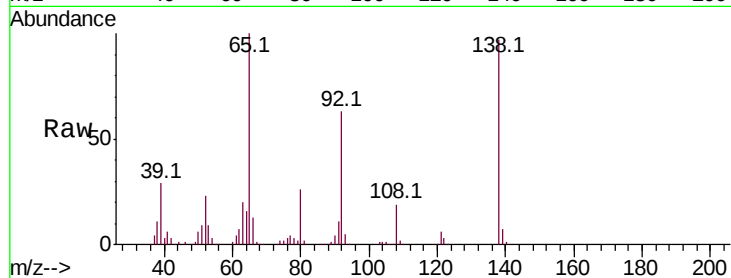
#47
2-Nitroaniline
Concen: 46.102 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	55.8	83.6
138	97.0	91.2	136.8

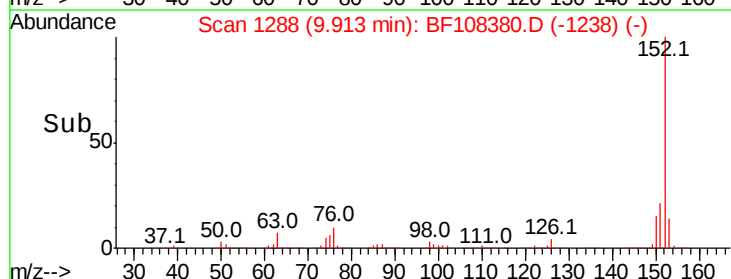
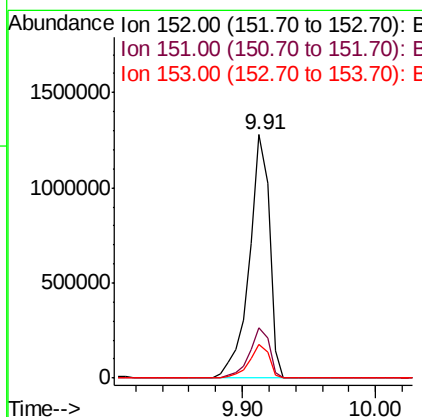
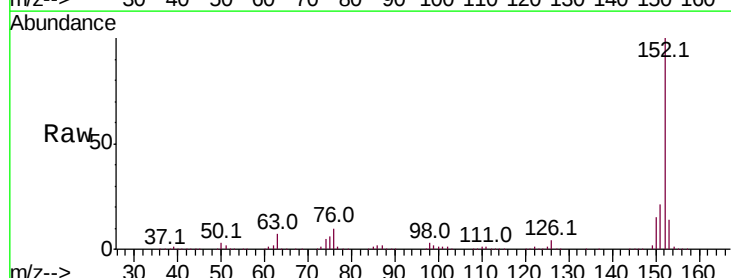
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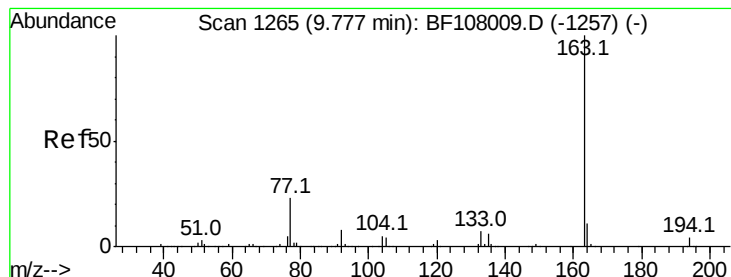
Sohil
8/23/2018 3:43:04 PM



#48
Acenaphthylene
Concen: 44.832 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.8	10.7	16.1





#49

Dimethylphthalate

Concen: 44.797 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

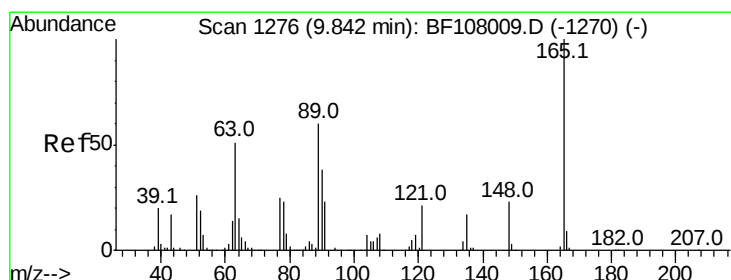
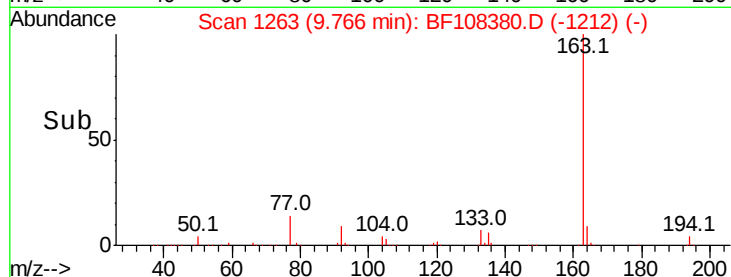
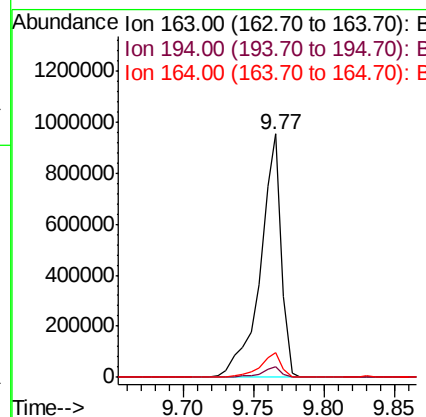
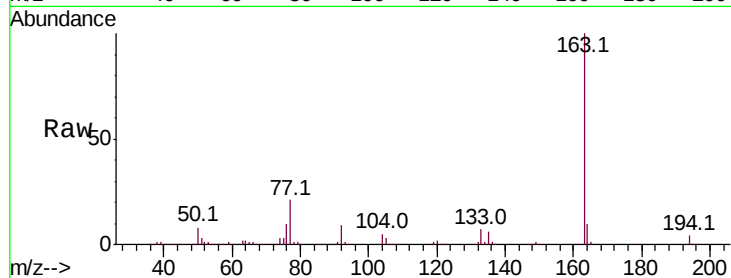
ClientSampleId :

PB112282BS

Tot Ion:	163	Resp:	993337
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.7	4.1#
164	10.2	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 46.586 ng

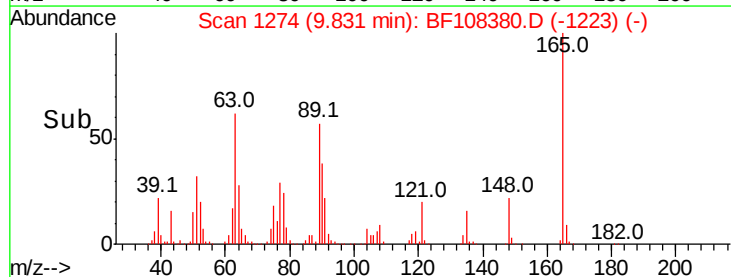
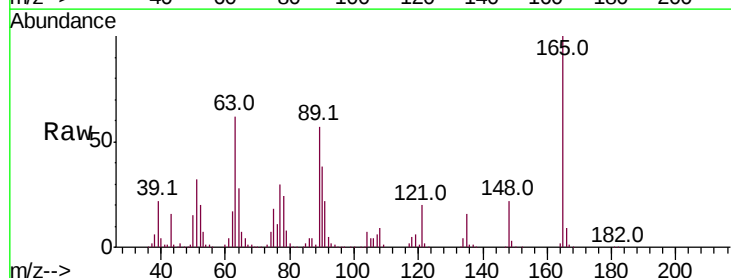
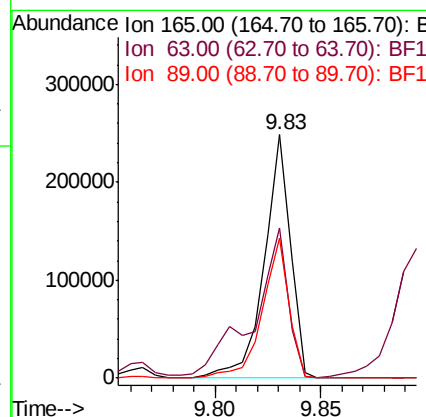
RT: 9.83 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	165	Resp:	216128
Ion Ratio	Lower	Upper	
165	100		
63	61.9	44.7	67.1
89	57.4	44.0	66.0





#51

Acenaphthene

Concen: 42.911 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion:154 Resp: 770791

Ion Ratio Lower Upper

154 100

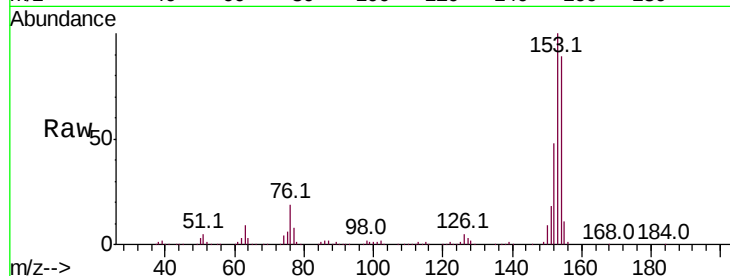
153 112.5 91.2 136.8

152 53.9 43.8 65.8

Manual Integrations
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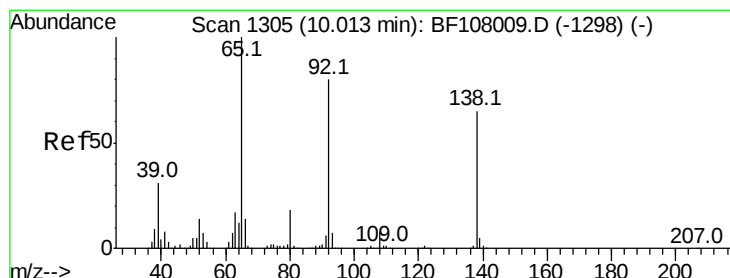
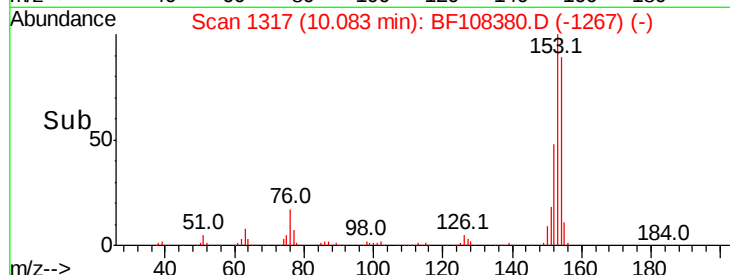
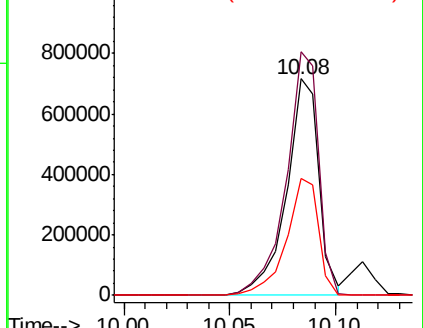
8/23/2018 3:43:04 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.321 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

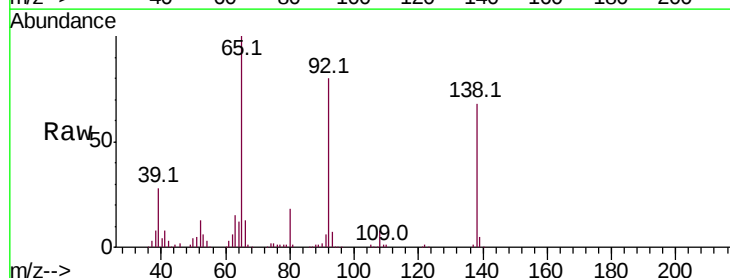
Tgt Ion:138 Resp: 174213

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

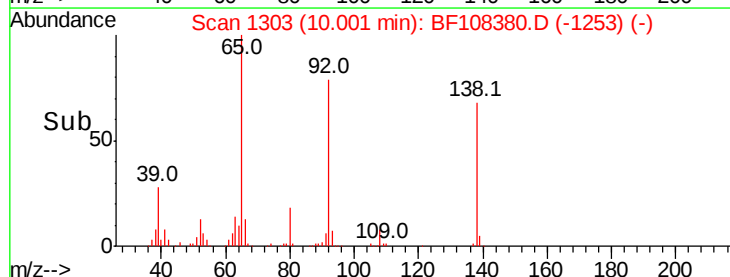
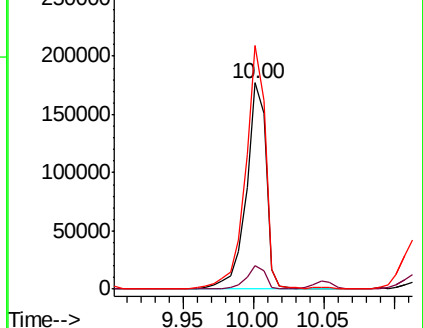
92 117.9 89.4 134.2

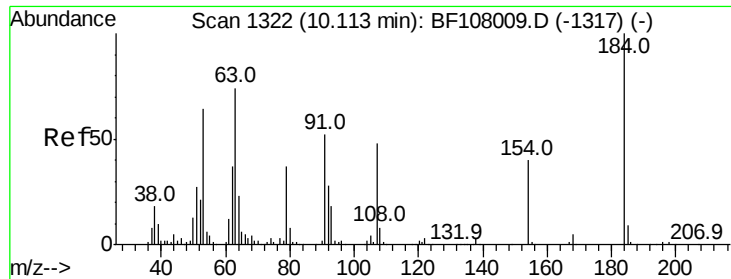


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





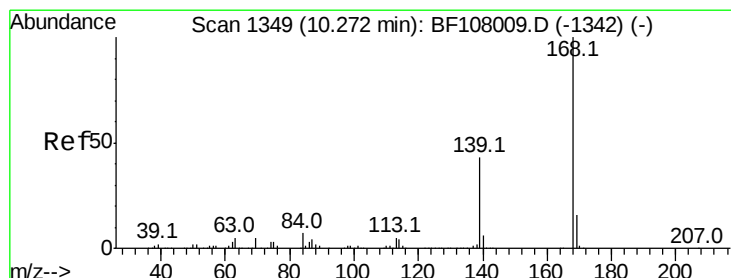
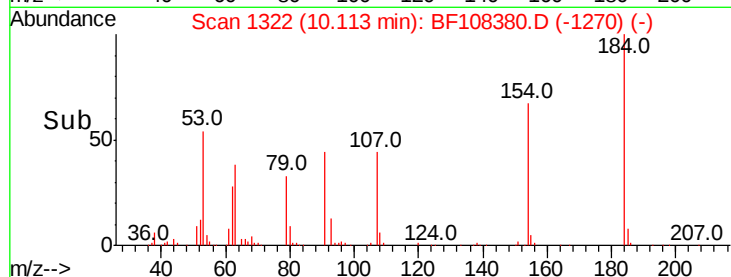
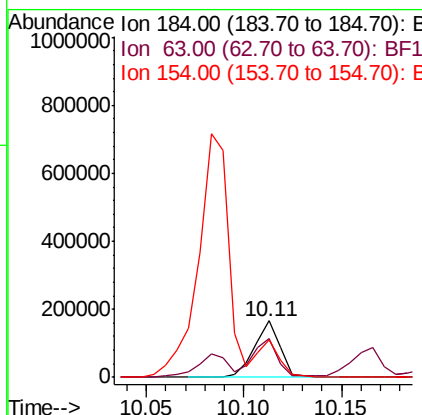
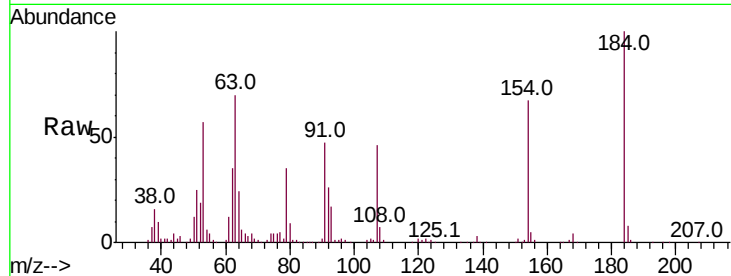
#53
2,4-Dinitrophenol
Concen: 88.052 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.8	54.2	81.2
154	66.9	184.0	276.0#

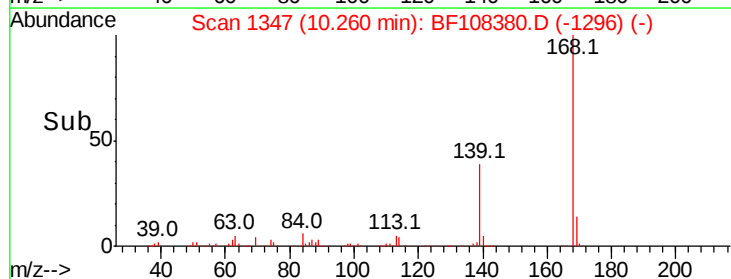
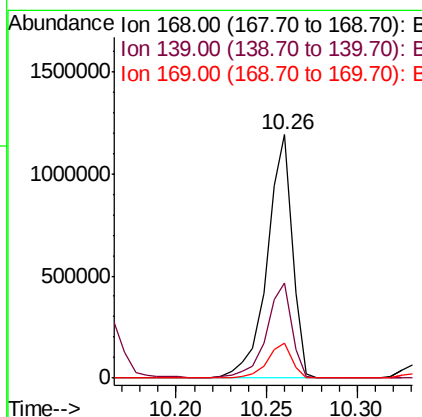
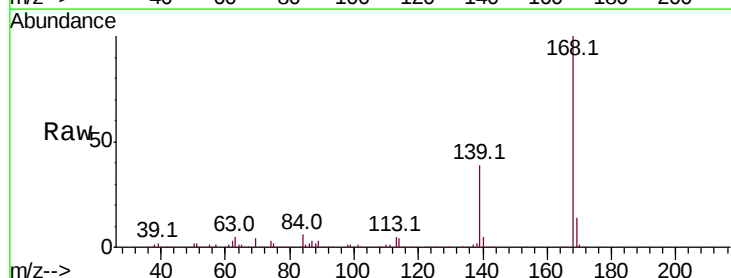
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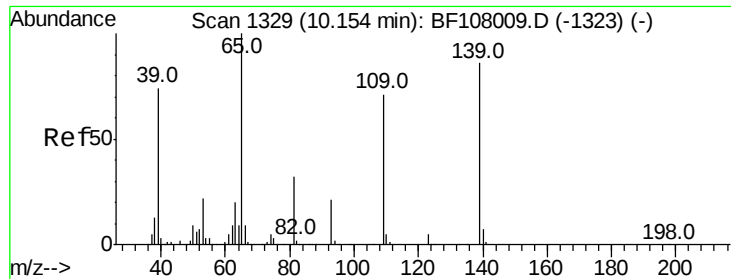
Sohil
8/23/2018 3:43:04 PM



#54
Dibenzofuran
Concen: 44.039 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.5	10.9	16.3





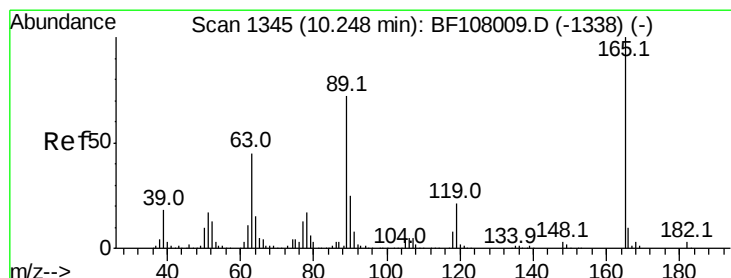
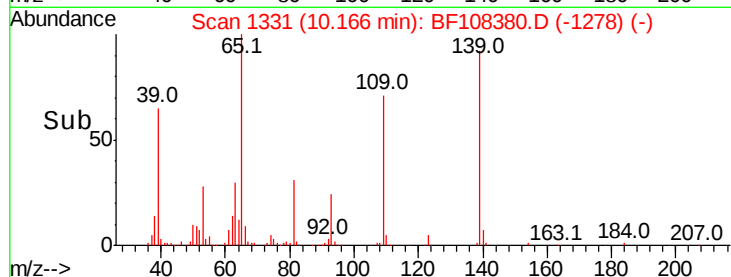
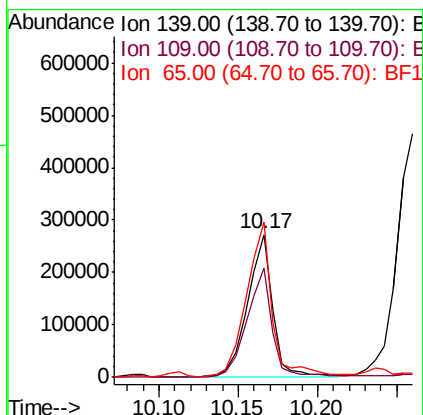
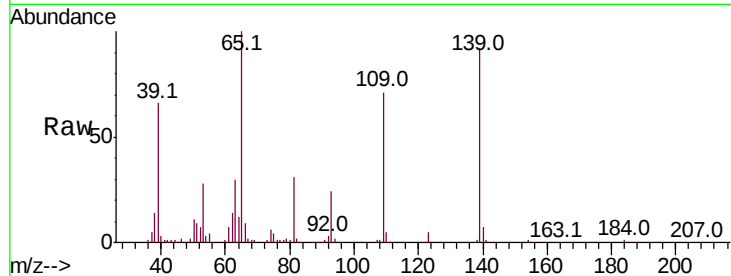
#55
4-Nitrophenol
Concen: 77.522 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.6	48.4	88.4
65	108.6	72.6	112.6

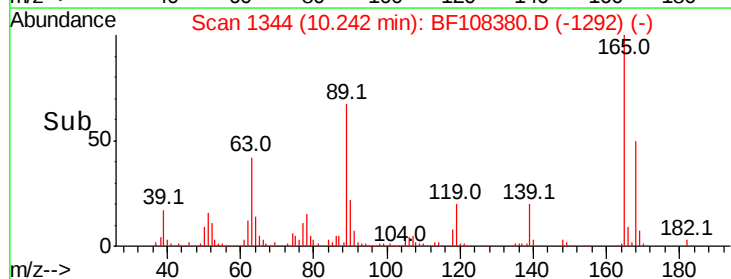
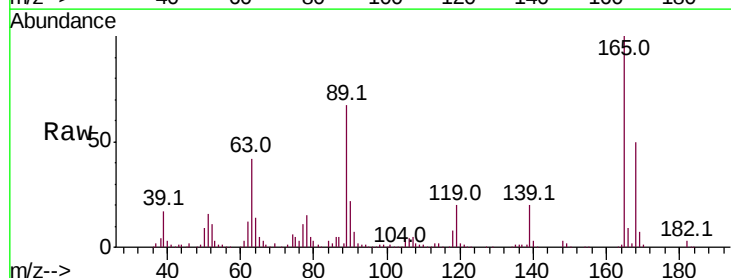
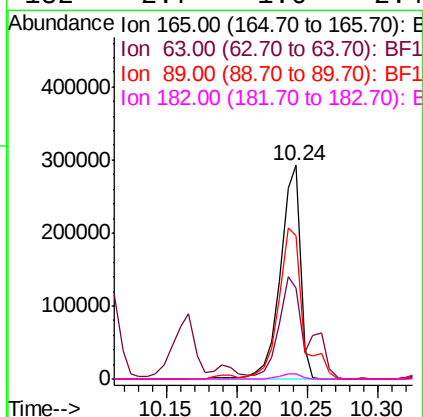
Manual Integrations
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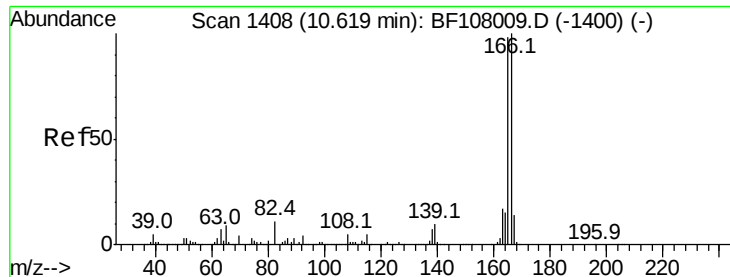
Sohil
8/23/2018 3:43:04 PM



#56
2,4-Dinitrotoluene
Concen: 48.379 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.4	36.4	54.6
89	67.2	57.8	86.6
182	2.7	1.6	2.4#





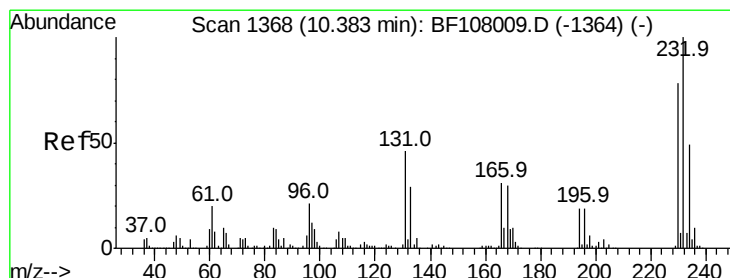
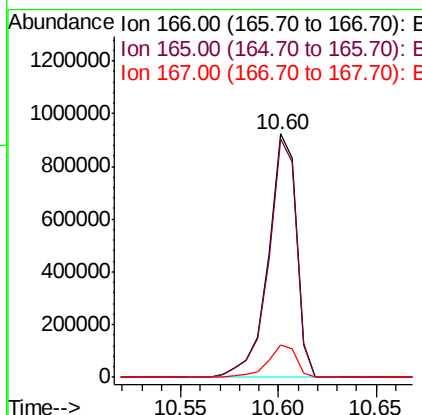
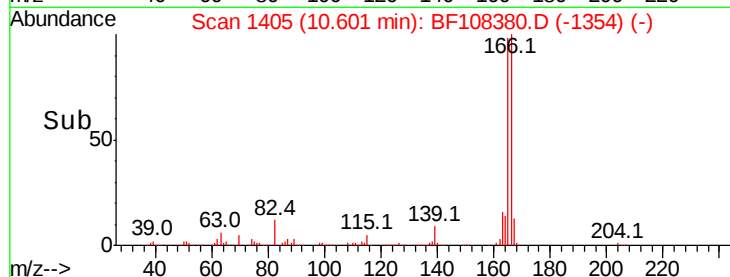
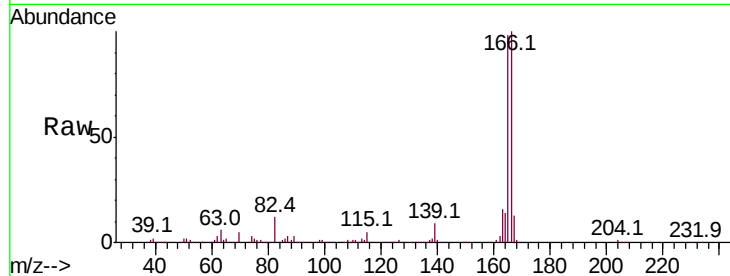
#57
 Fluorene
 Concen: 44.900 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion:	166	Resp:	924971
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.8	119.8
167	13.5	10.6	16.0

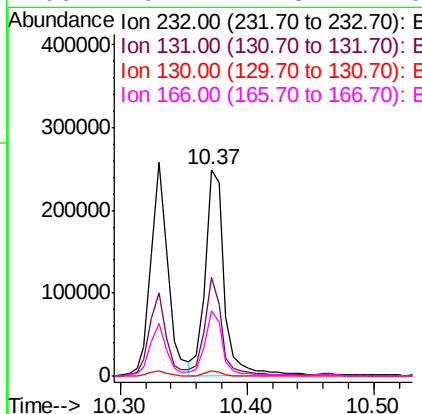
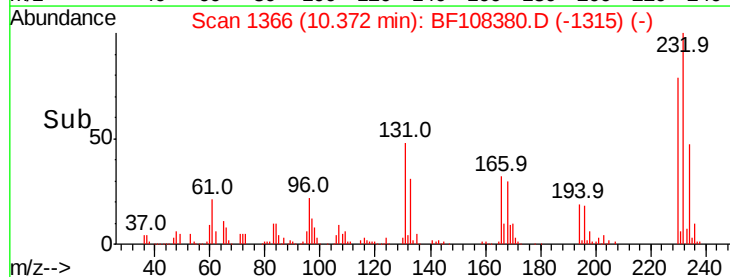
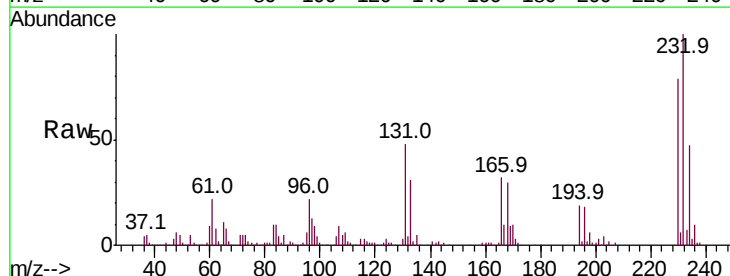
Manual Integrations
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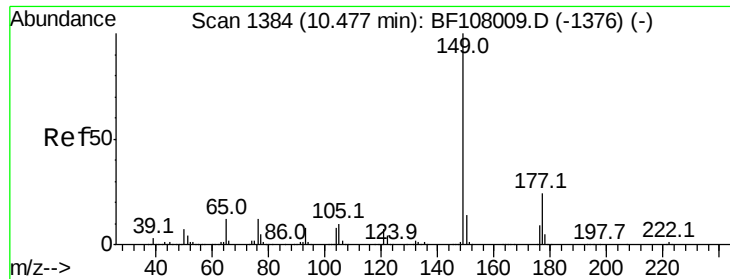
Sohil
 8/23/2018 3:43:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.799 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion:	232	Resp:	261208
Ion Ratio	Lower	Upper	
232	100		
131	42.5	43.8	65.8#
130	2.3	2.1	3.1
166	29.4	27.8	41.6





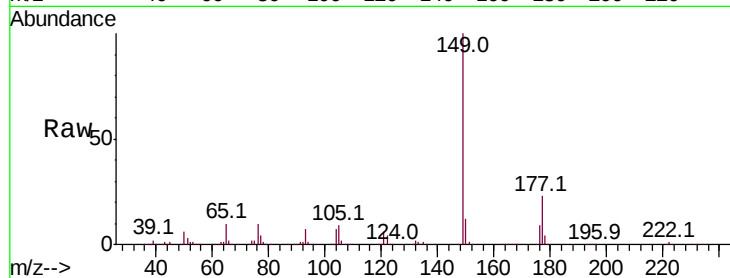
#59
Diethylphthalate
Concen: 44.644 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	958614		
177	23.0	16.1	24.1	
150	12.4	10.1	15.1	

Manual Integrations
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8/23/2018 3:43:04 PM

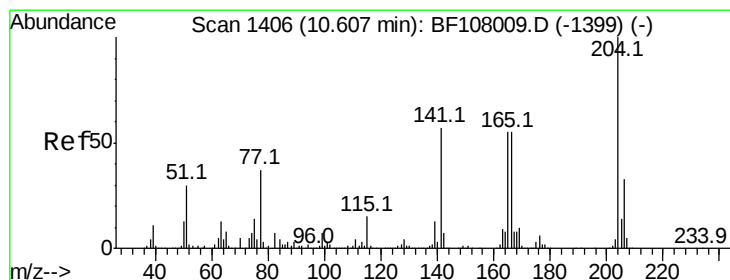
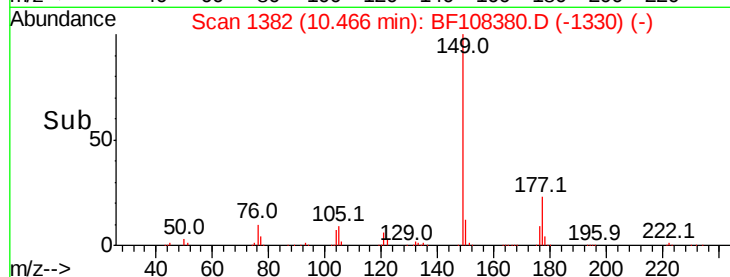
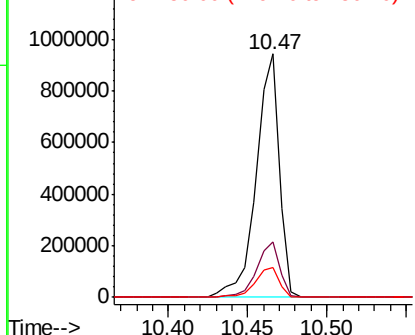


Abundance

Ion 149.00 (148.70 to 149.70): E

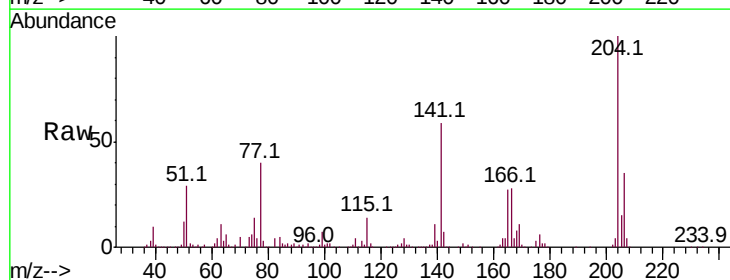
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 43.652 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	468577		
206	34.5	26.5	39.7	
141	59.5	54.6	81.8	

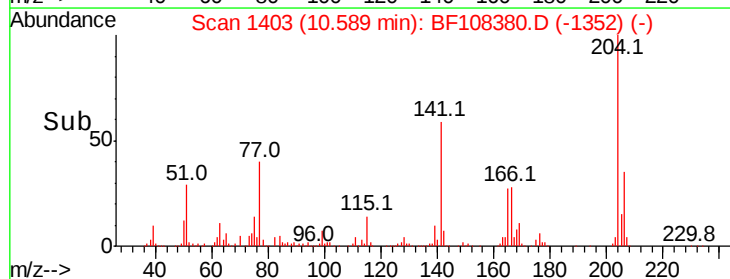
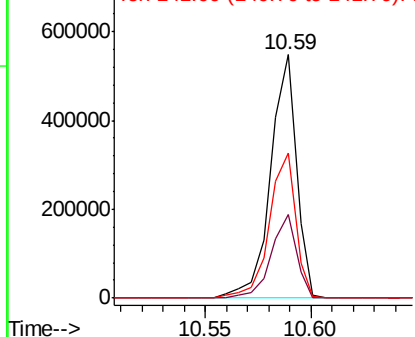


Abundance

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





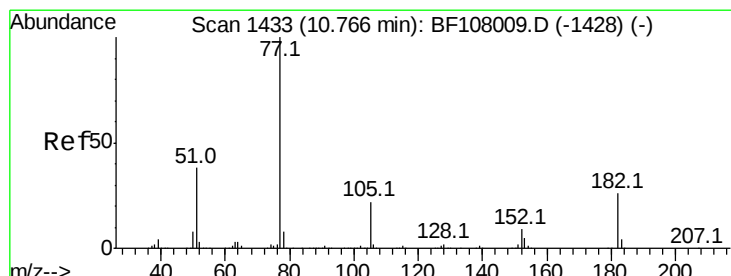
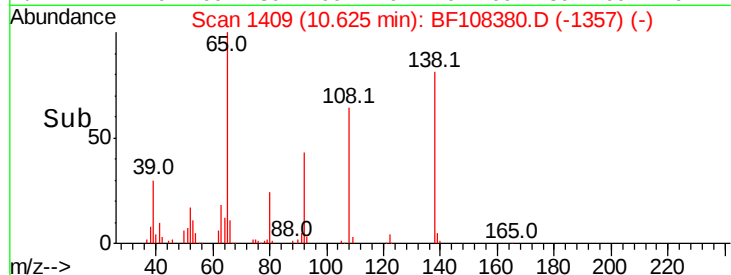
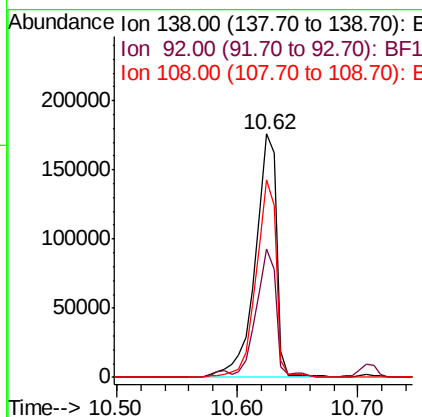
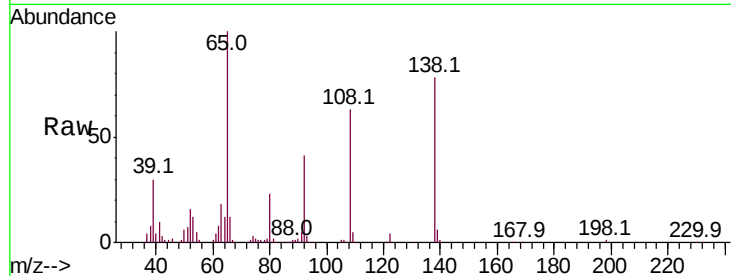
#61
4-Nitroaniline
Concen: 43.524 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.0	30.2	70.2
108	81.0	52.5	92.5

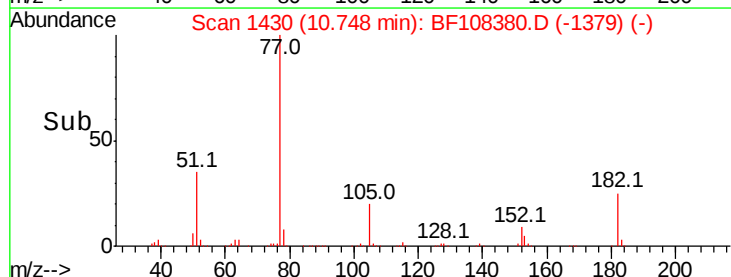
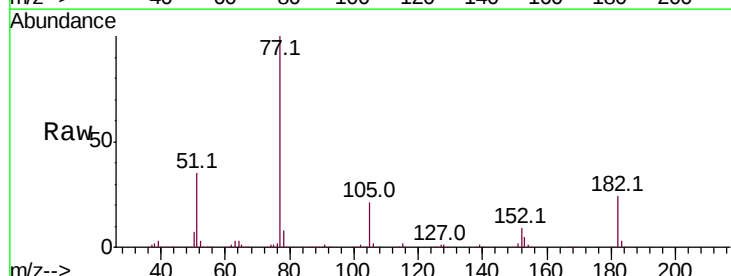
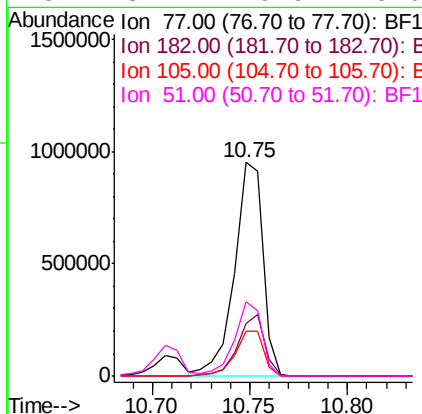
Manual Integrations
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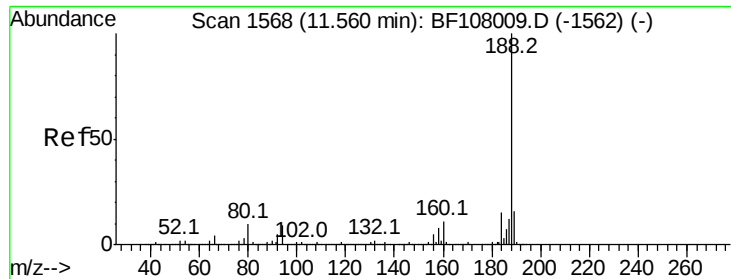
Sohil
8/23/2018 3:43:04 PM



#62
Azobenzene
Concen: 43.446 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.7	41.7
105	21.2	3.0	43.0
51	34.7	9.9	49.9





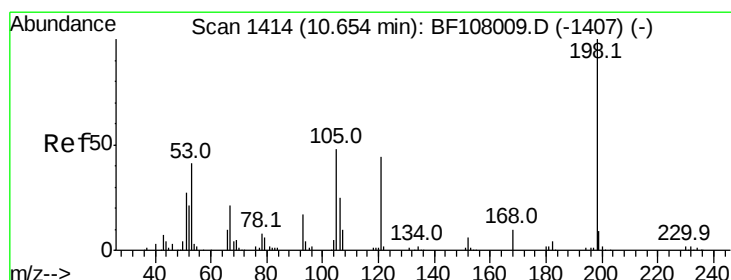
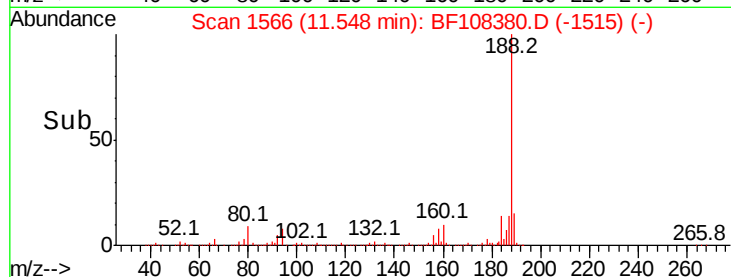
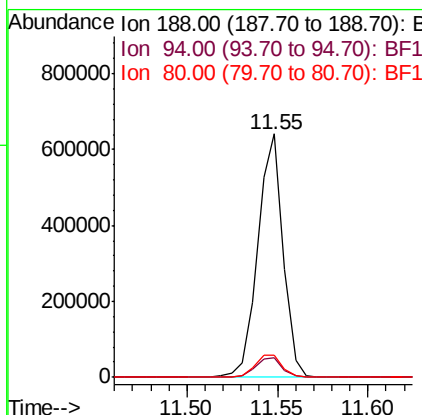
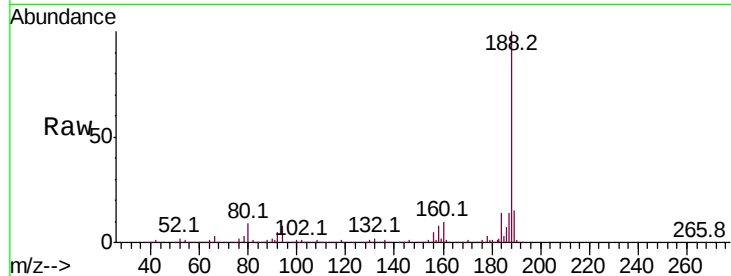
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	8.5	12.7#
80	9.0	9.2	13.8#

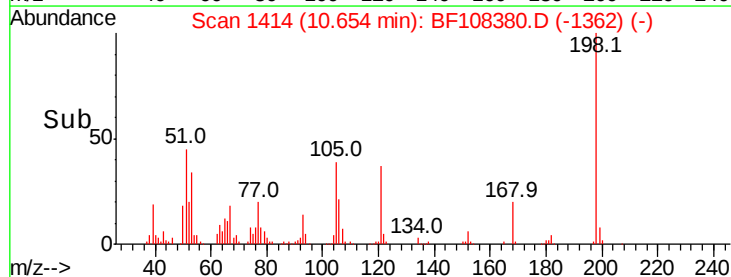
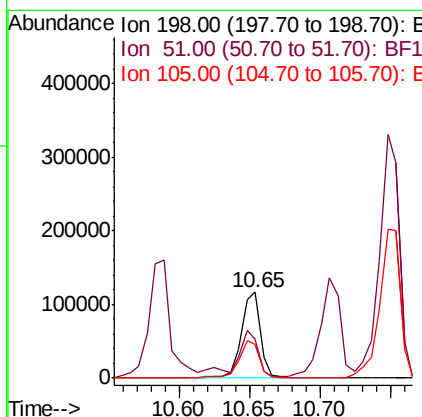
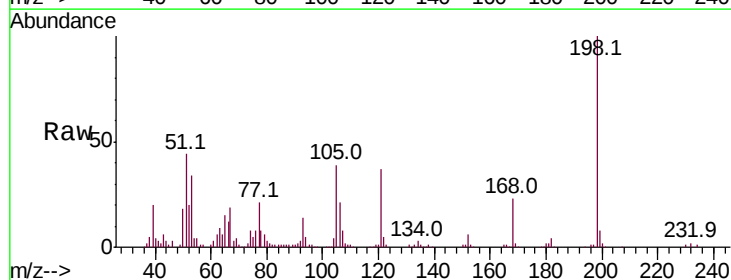
Manual Integrations
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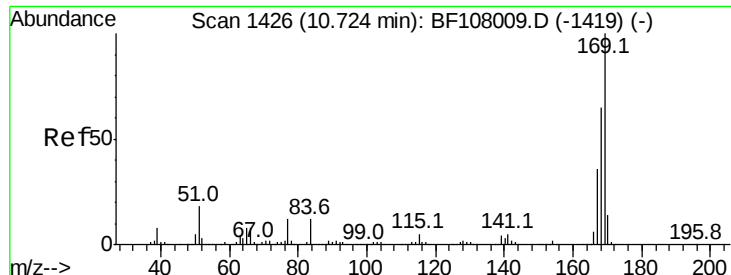
Sohil
8/23/2018 3:43:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.627 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.4	37.7	77.7
105	38.7	36.3	76.3





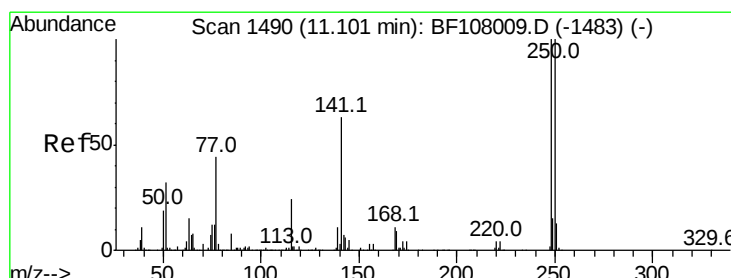
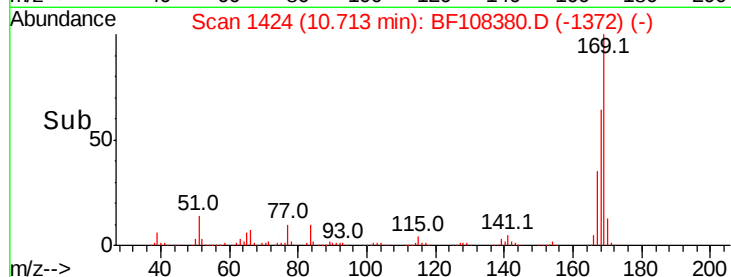
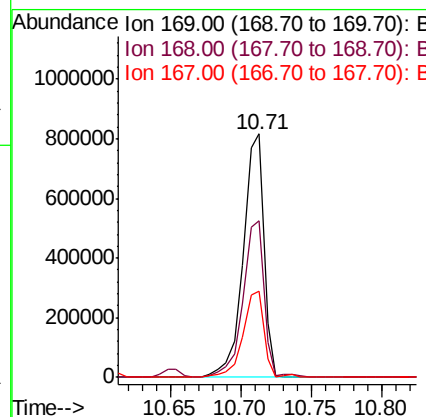
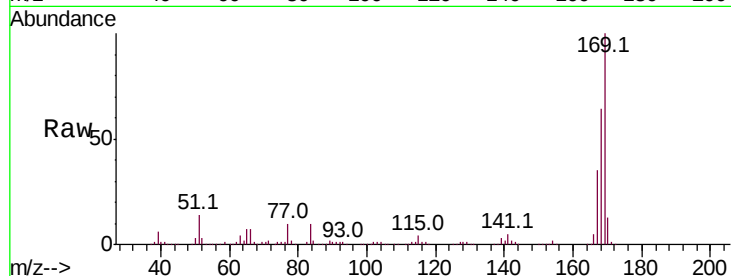
#65
n-Nitrosodiphenylamine
Concen: 45.602 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampled :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.1	54.4	81.6	
167	35.3	29.8	44.6	

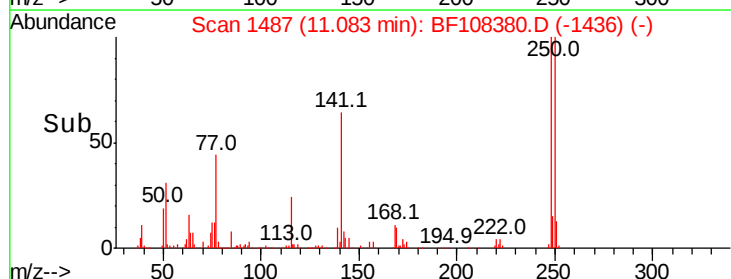
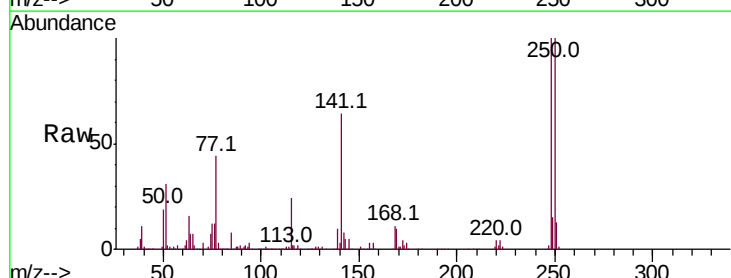
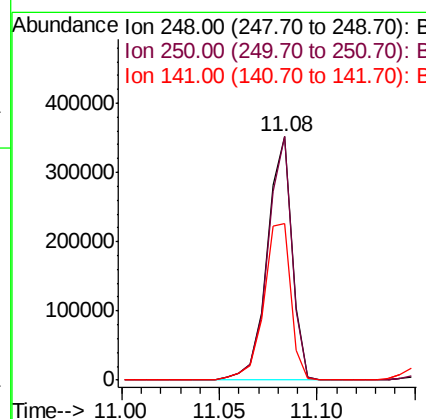
Manual Integrations
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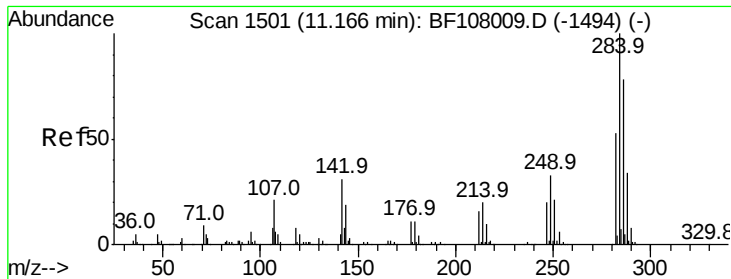
Sohil
8/23/2018 3:43:04 PM



#66
4-Bromophenyl-phenylether
Concen: 45.974 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.1	76.9	115.3	
141	64.5	74.4	111.6	





#67

Hexachlorobenzene

Concen: 45.821 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

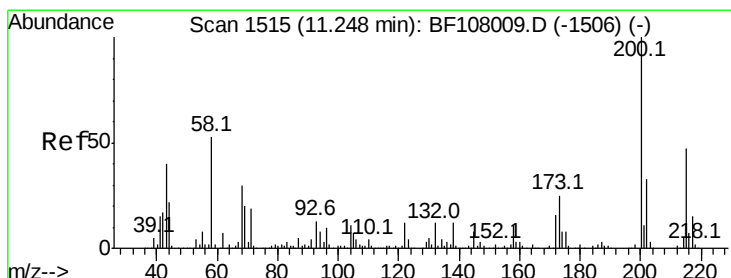
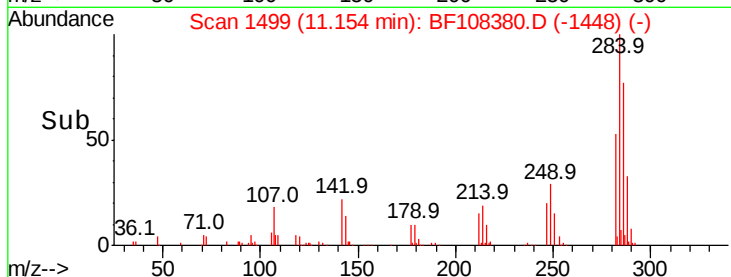
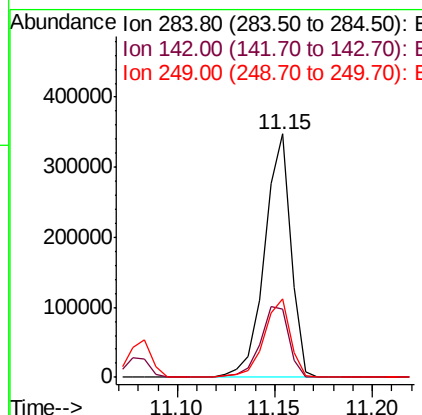
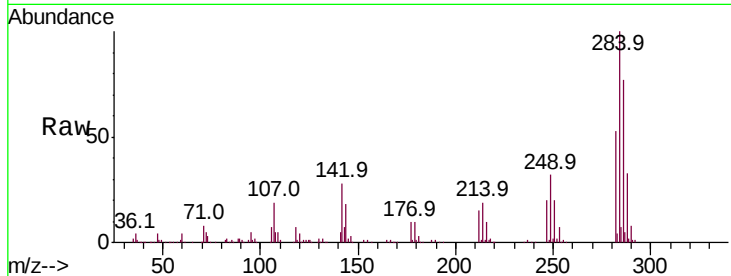
ClientSampleId :

PB112282BS

Tot Ion:	284	Resp:	325010
Ion Ratio	Lower	Upper	
284	100		
142	28.2	34.6	52.0#
249	32.1	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 45.200 ng

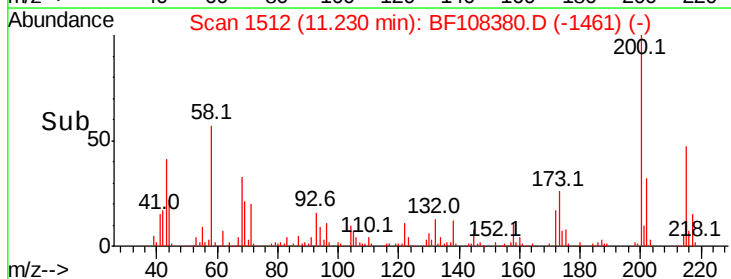
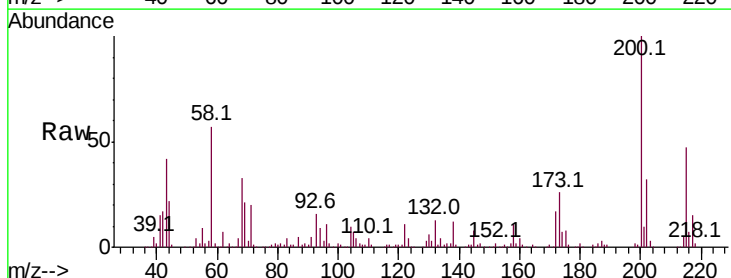
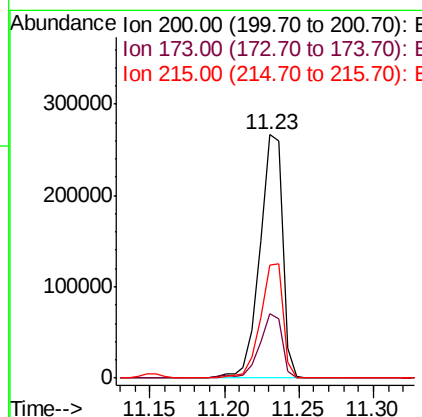
RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	200	Resp:	277915
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.6	48.6
215	46.6	25.1	65.1





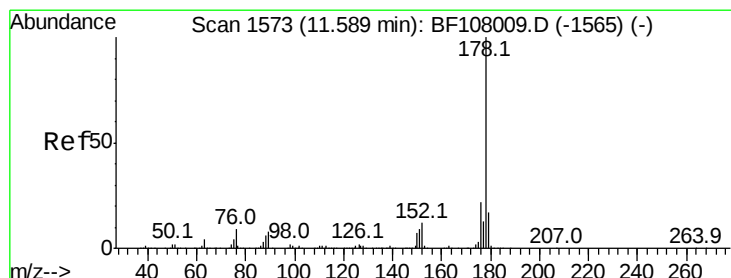
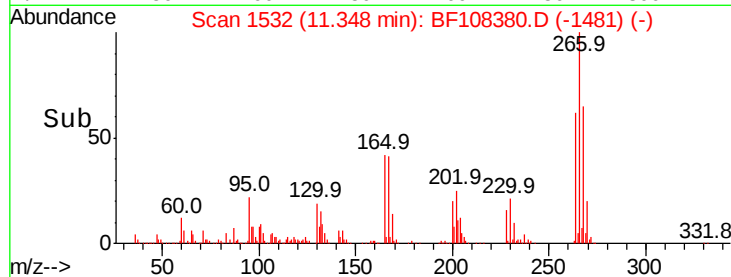
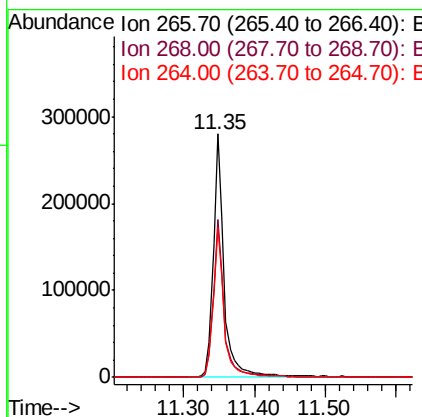
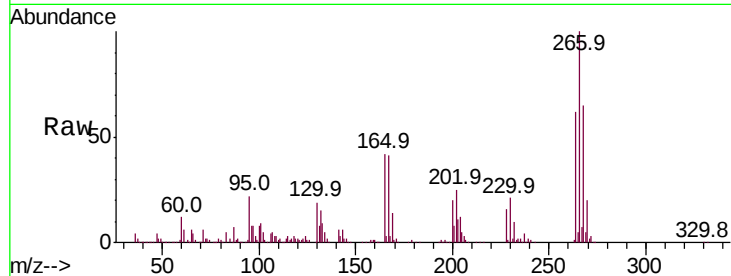
#69
 Pentachlorophenol
 Concen: 89.808 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	304900		
268	64.9		51.1	76.7
264	61.8		49.5	74.3

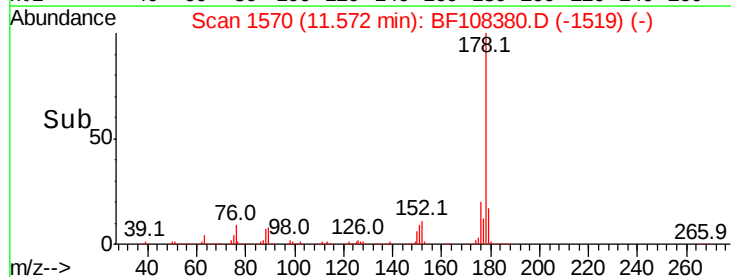
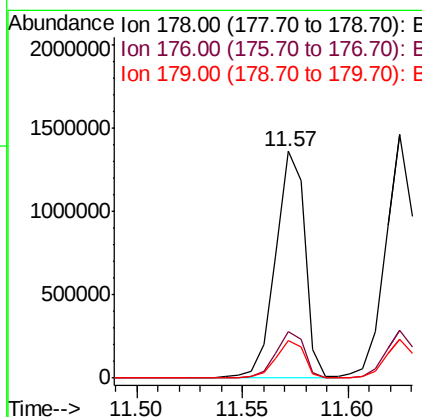
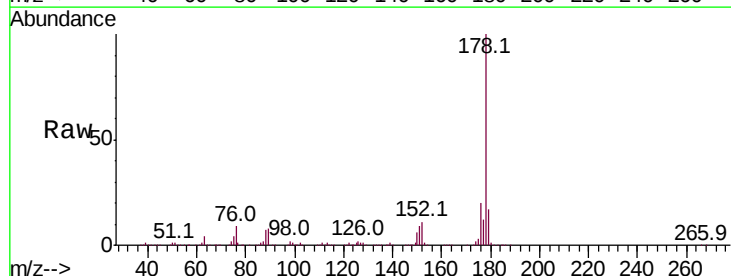
Manual Integrations
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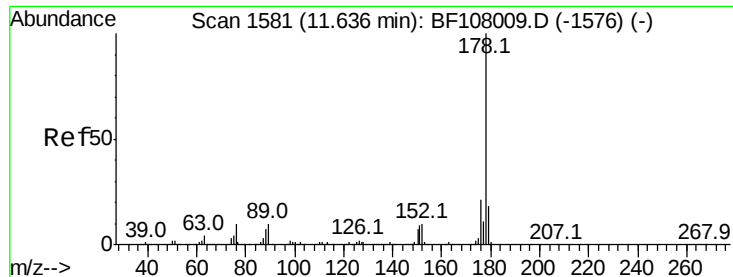
Sohil
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#70
 Phenanthrene
 Concen: 45.200 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1322526		
176	20.2		15.8	23.8
179	16.5		13.0	19.6





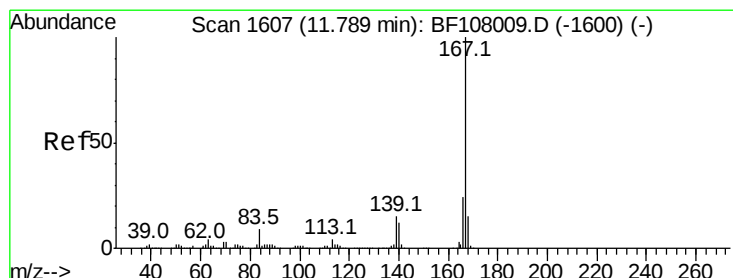
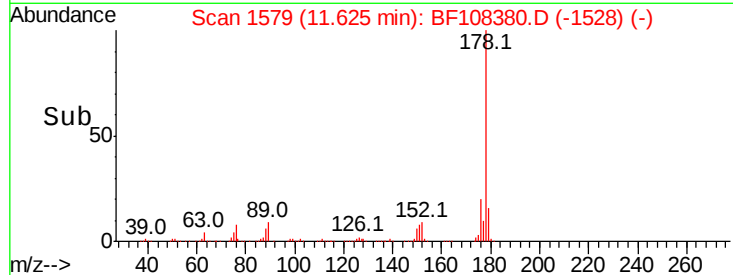
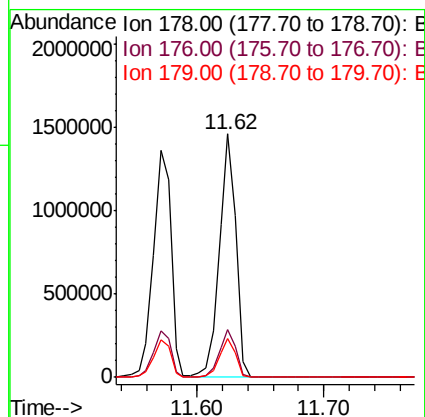
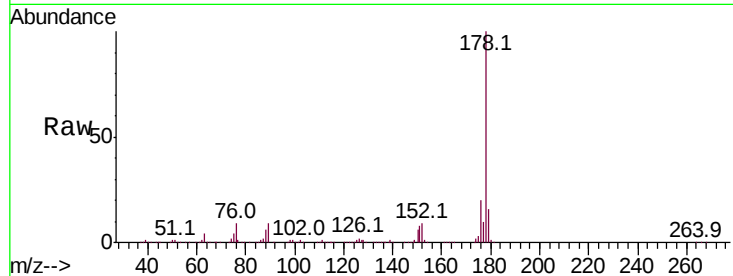
#71
 Anthracene
 Concen: 45.057 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.1	12.6	19.0

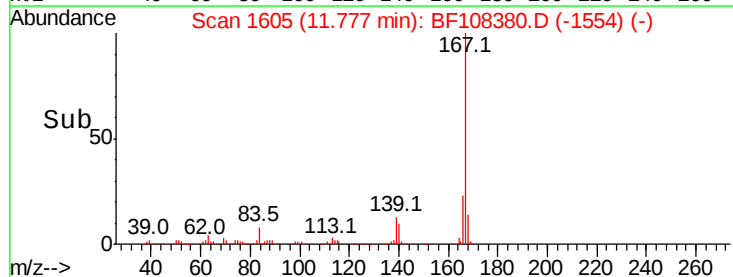
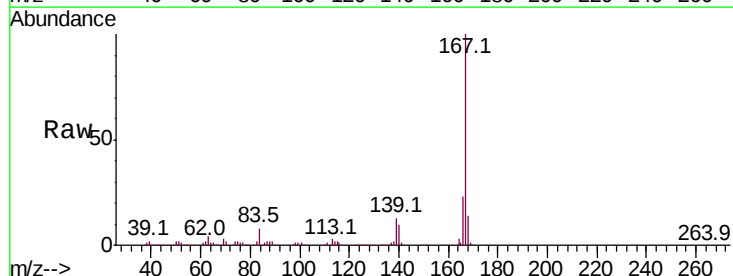
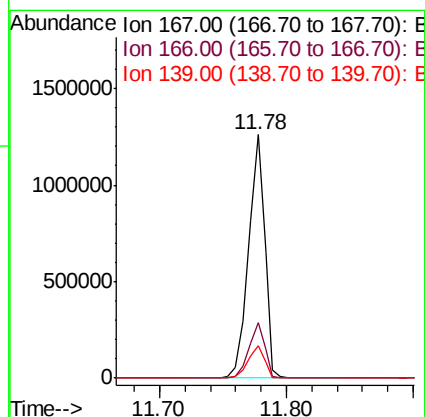
Manual Integrations
 APPROVED

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#72
 Carbazole
 Concen: 41.942 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3





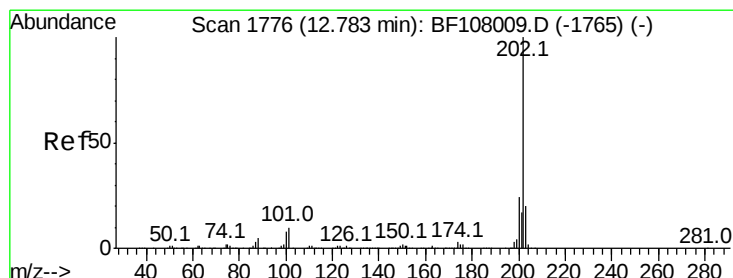
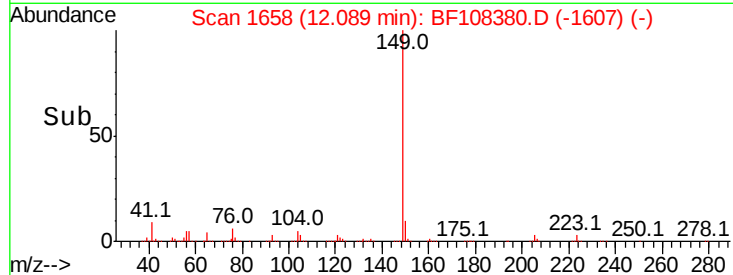
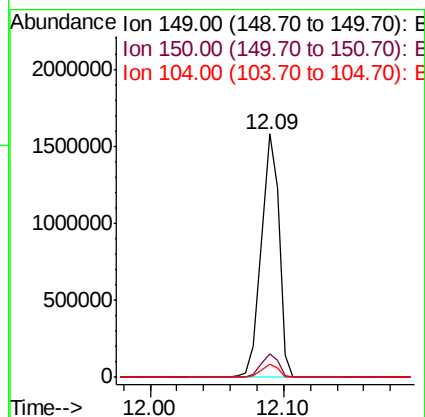
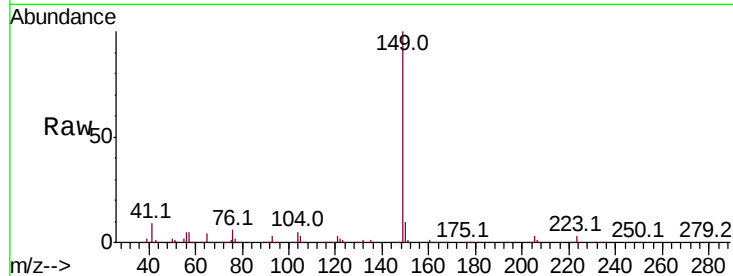
#73
Di-n-butylphthalate
Concen: 47.389 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

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

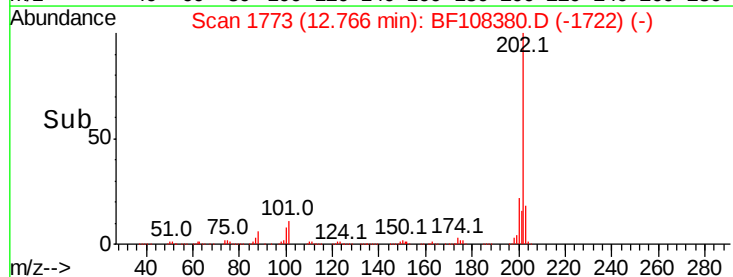
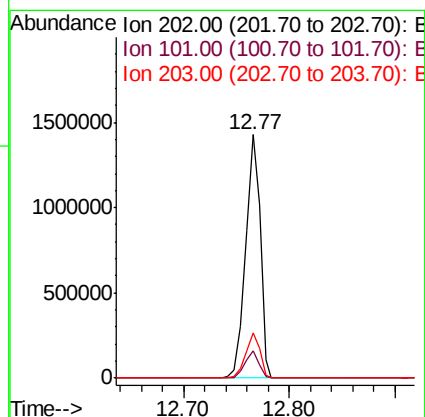
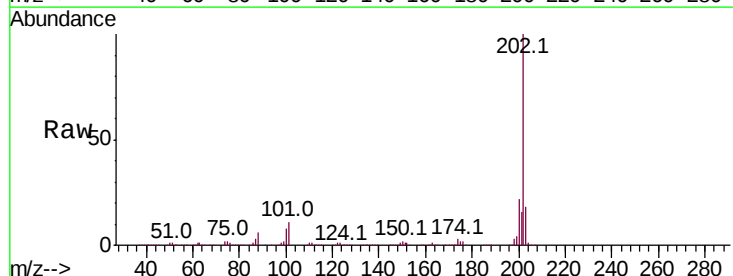
Manual Integrations
APPROVED

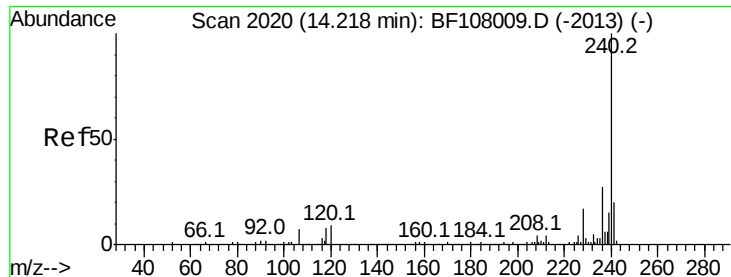
Sohil
8/23/2018 3:43:04 PM



#74
Fluoranthene
Concen: 42.032 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

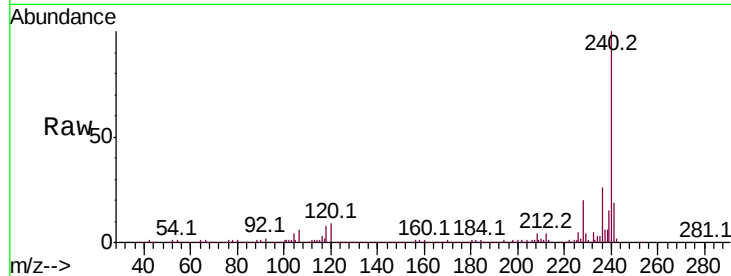
ClientSampleId :

PB112282BS

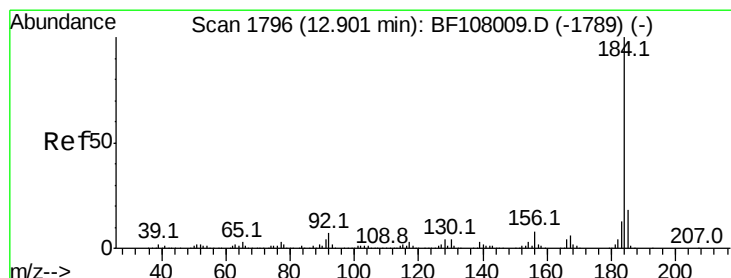
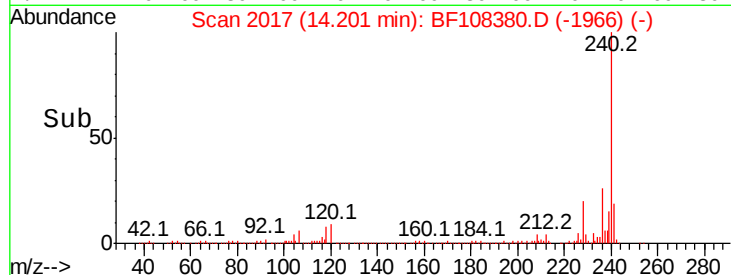
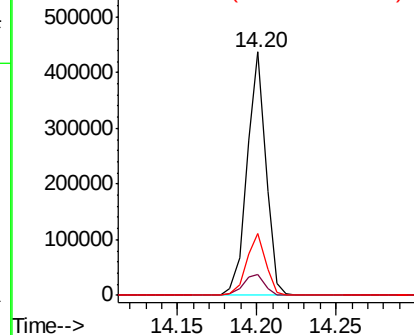
Tot Ion:	240	Resp:	356645
Ion Ratio	Lower	Upper	
240	100		
120	8.8	9.5	14.3#
236	25.5	20.7	31.1

Manual Integrations
APPROVED

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8/23/2018 3:43:04 PM



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: 32.560 ng

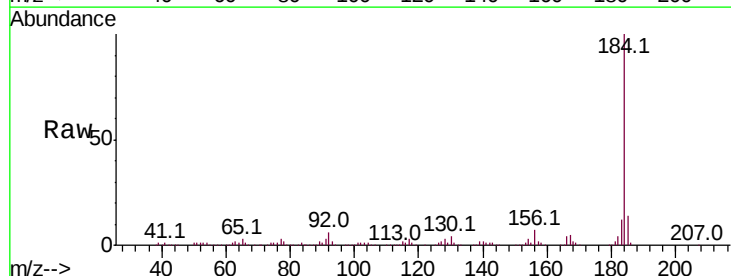
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

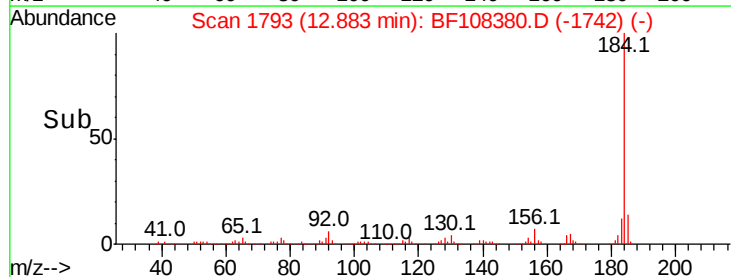
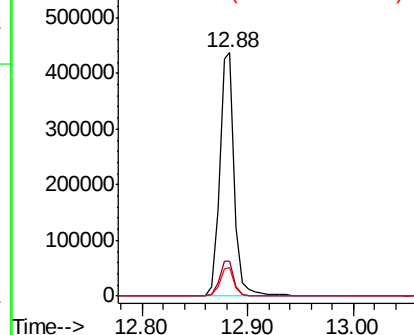
Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	184	Resp:	433870
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.5	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: 57.375 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

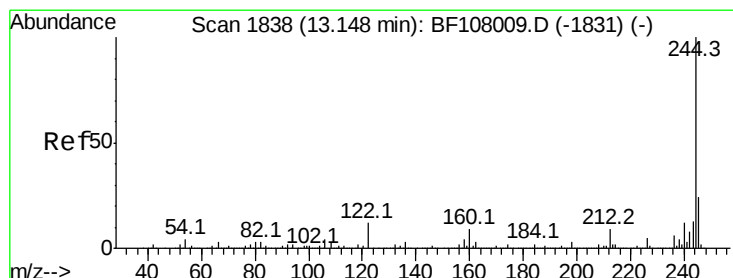
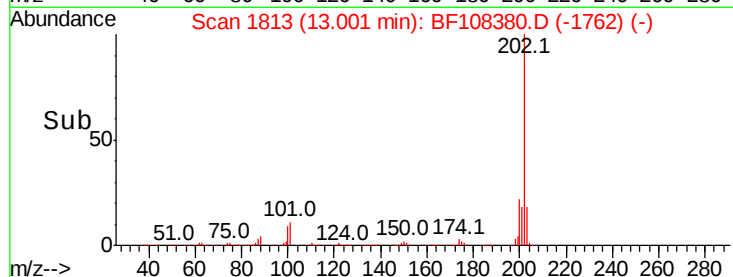
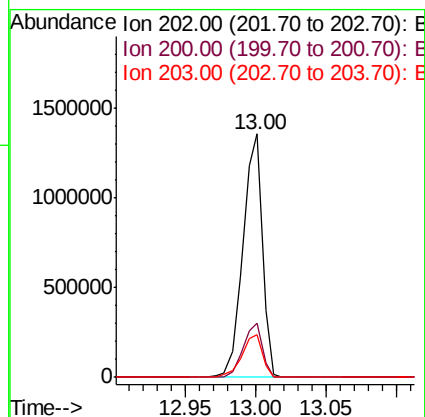
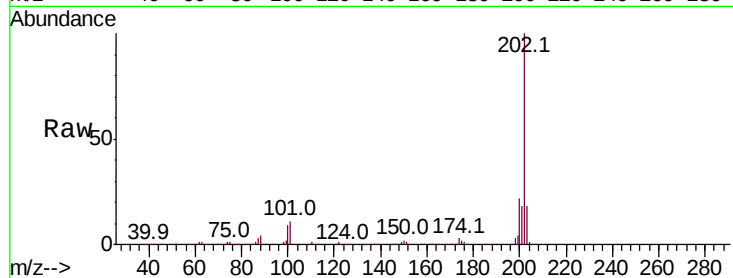
ClientSampleId :

PB112282BS

Tot Ion:	202	Resp:	1295491
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 122.117 ng

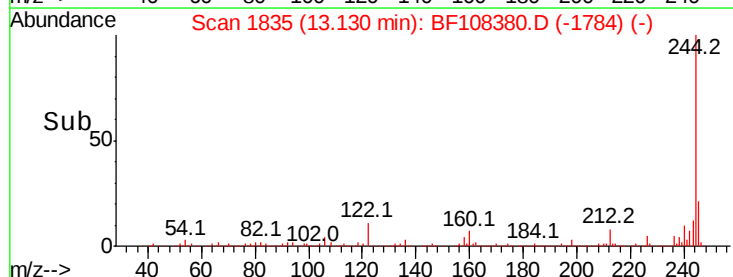
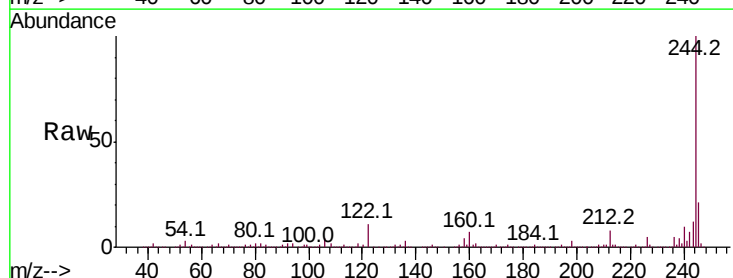
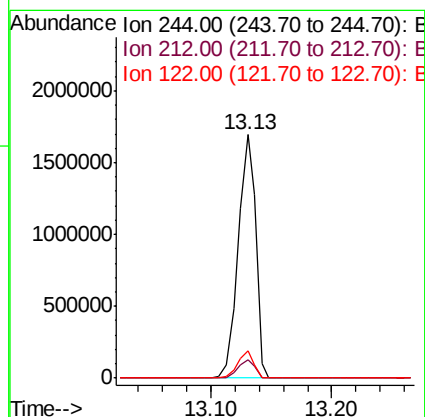
RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	244	Resp:	1712933
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.4	8.0
122	11.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 55.531 ng

RT: 13.60 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Instrument :

BNA_F

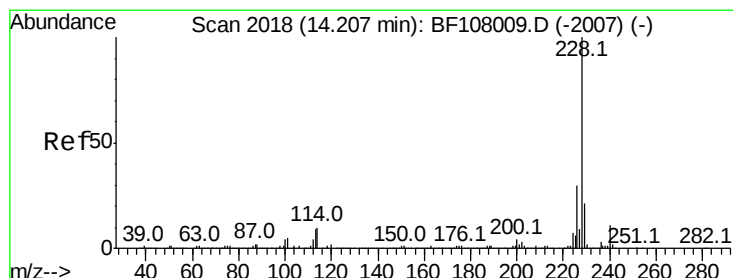
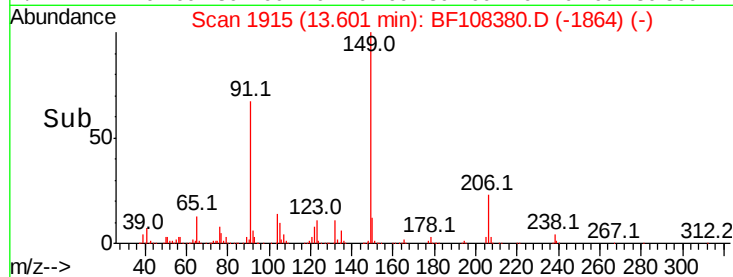
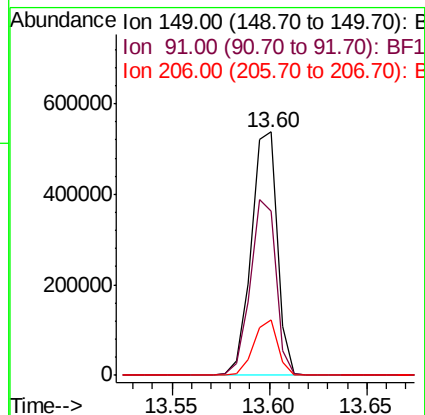
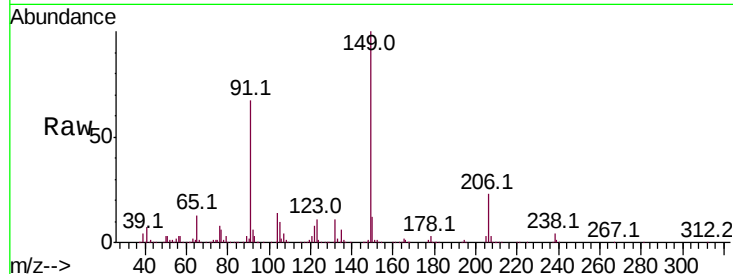
ClientSampleId :

PB112282BS

Tot Ion:	149	Resp:	497882
Ion Ratio	Lower	Upper	
149	100		
91	67.4	56.8	85.2
206	22.8	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 45.709 ng

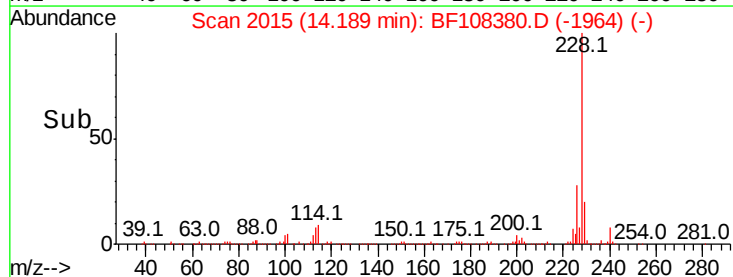
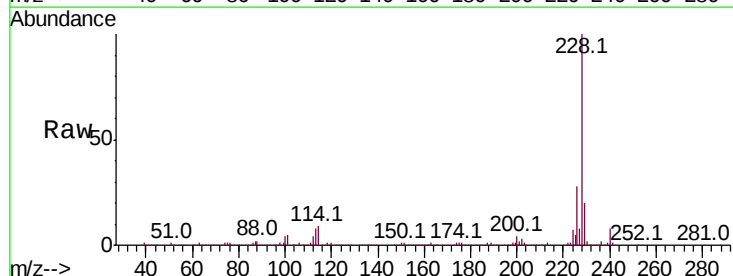
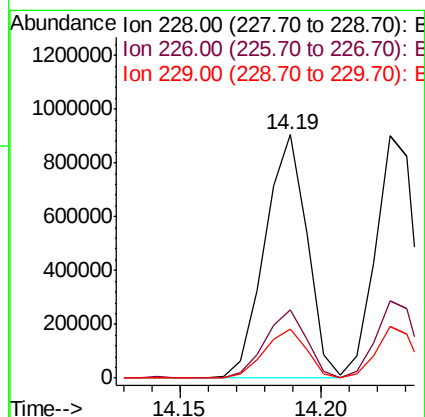
RT: 14.19 min Scan# 2015

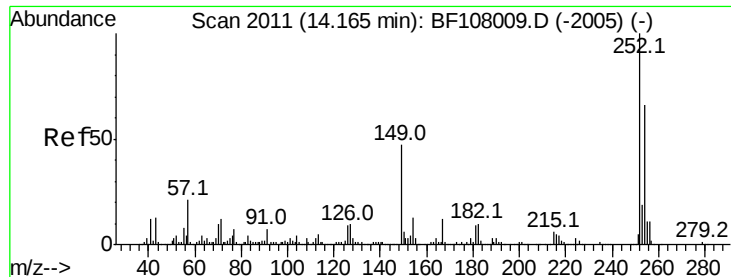
Delta R.T. -0.00 min

Lab File: BF108380.D

Acq: 22 Aug 2018 13:56

Tgt Ion:	228	Resp:	935558
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.4	15.8	23.6





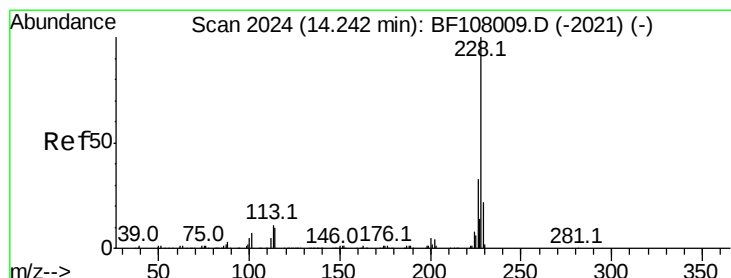
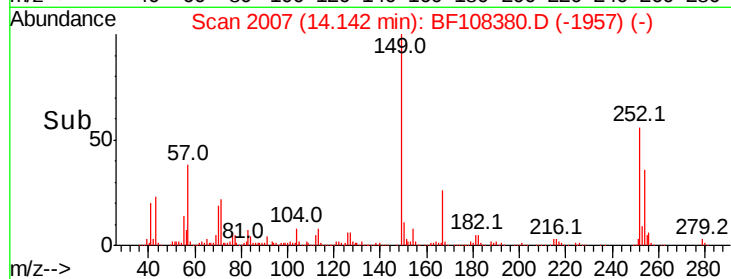
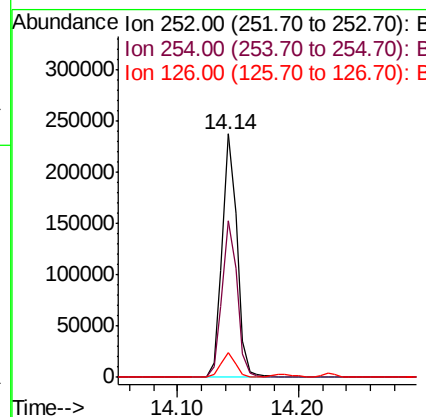
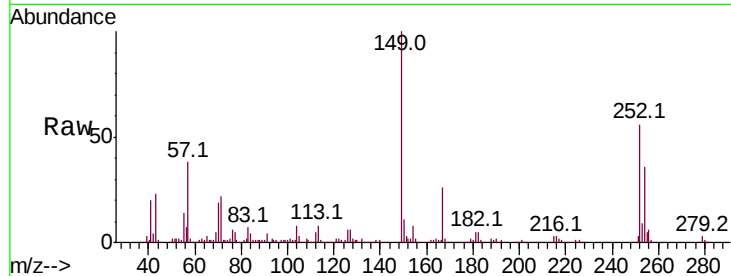
#81
 3,3'-Dichlorobenzidine
 Concen: 27.363 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	200709		
254	64.4		50.4	75.6
126	10.0		11.3	16.9

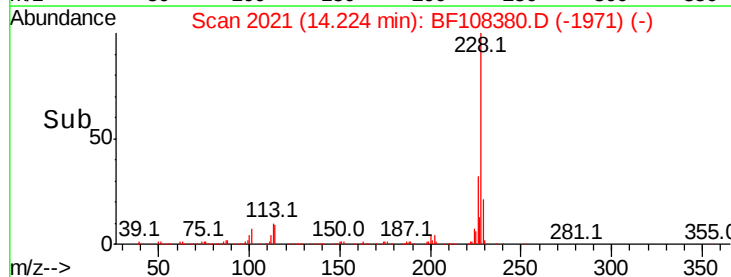
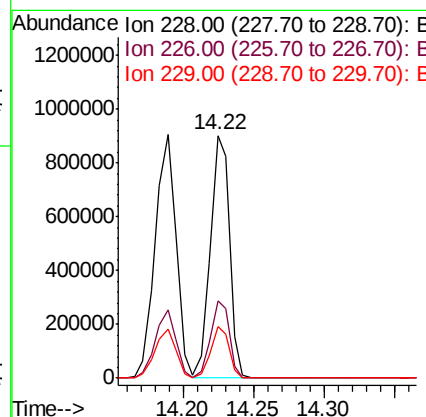
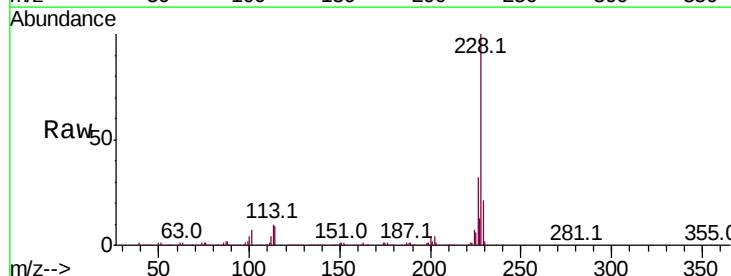
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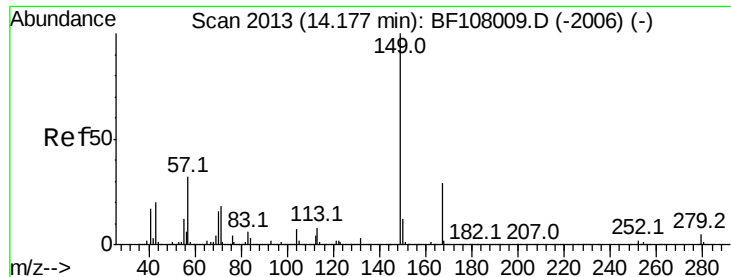
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#82
 Chrysene
 Concen: 45.193 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	848031		
226	31.9		25.0	37.6
229	21.1		16.2	24.4





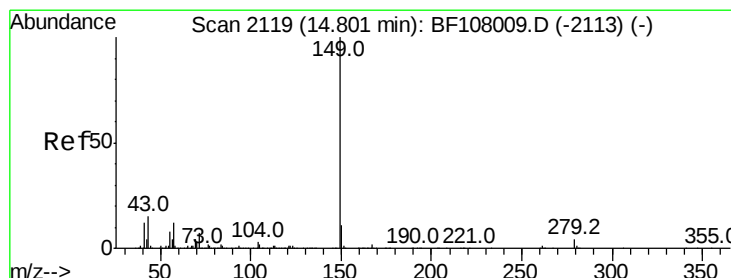
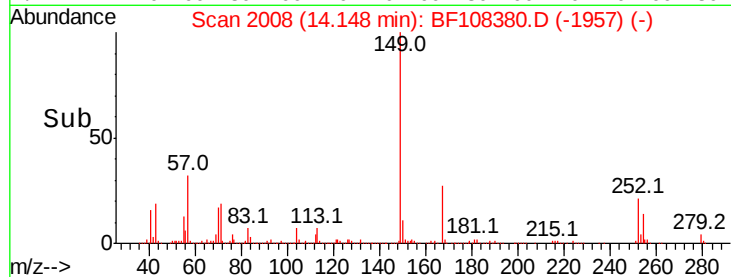
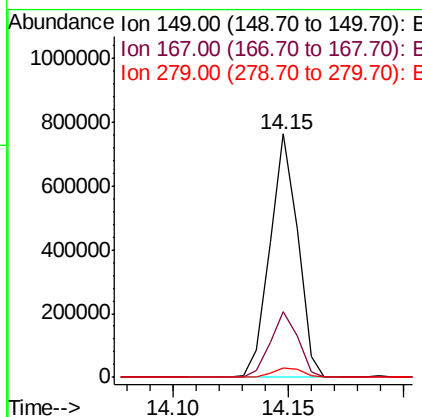
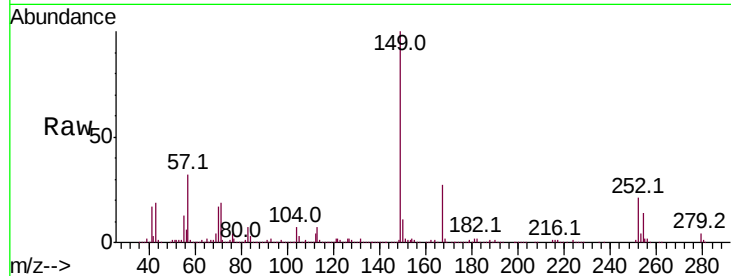
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.857 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.0	3.0	4.4

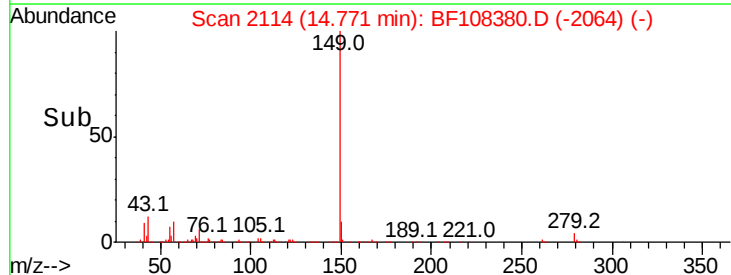
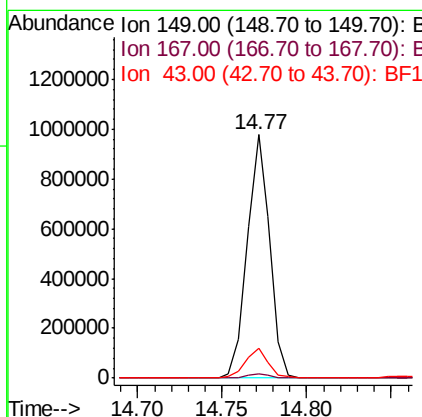
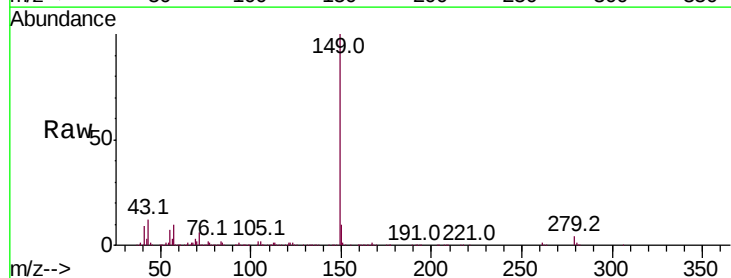
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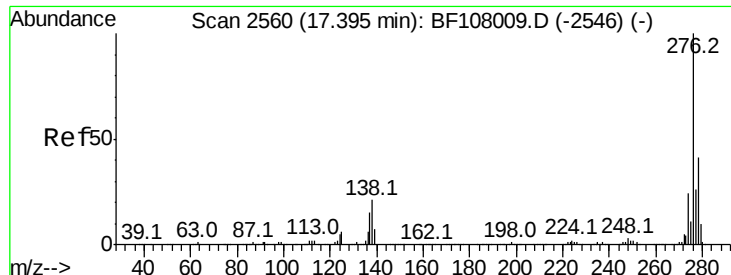
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#84
 Di-n-octyl phthalate
 Concen: 49.026 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

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





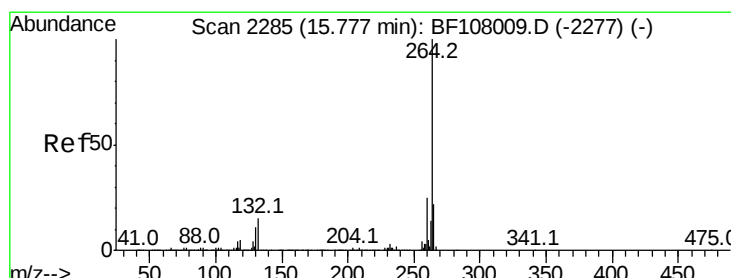
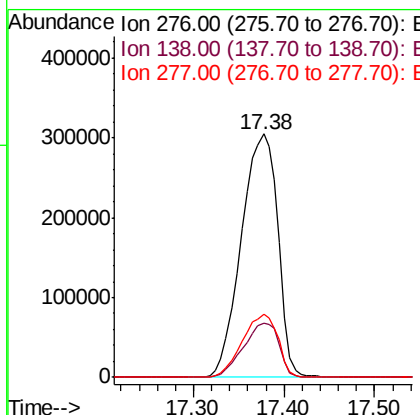
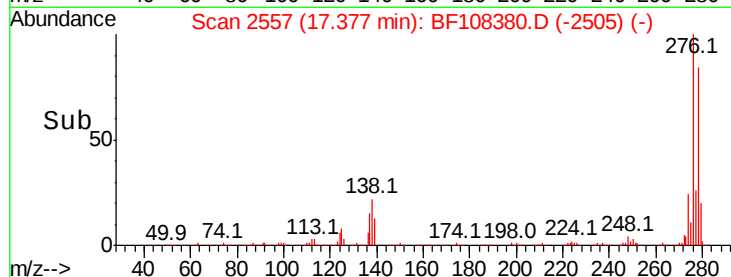
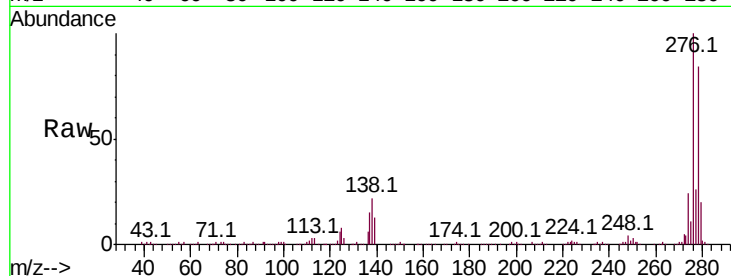
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.503 ng
 RT: 17.38 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.3	20.1	30.1

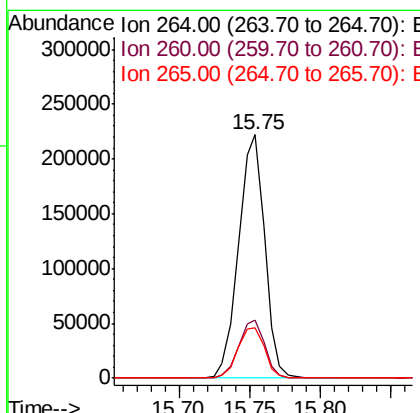
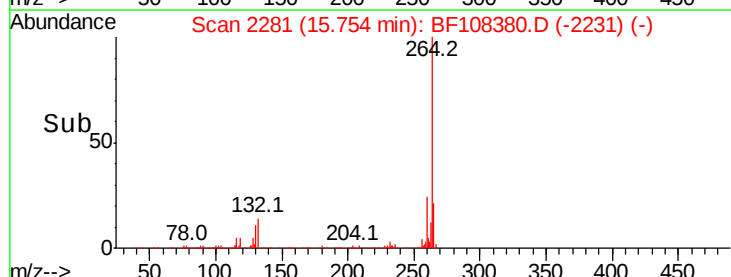
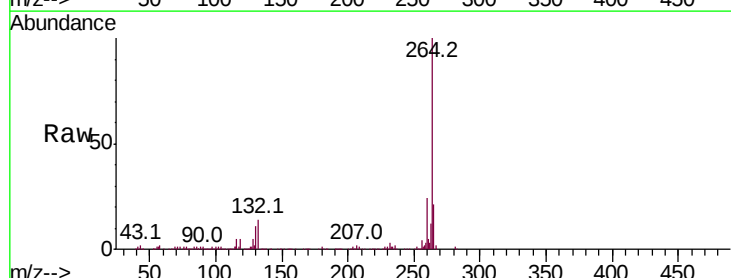
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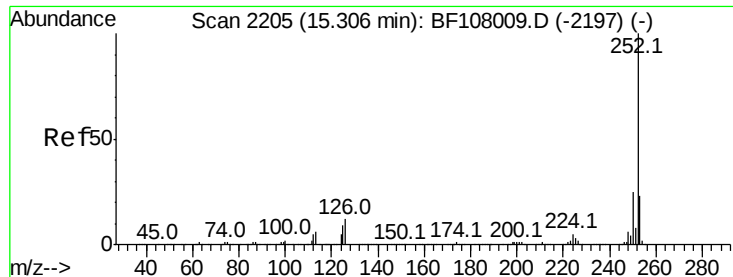
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	17.5	26.3





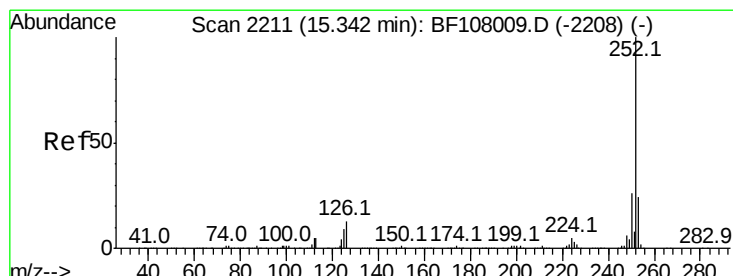
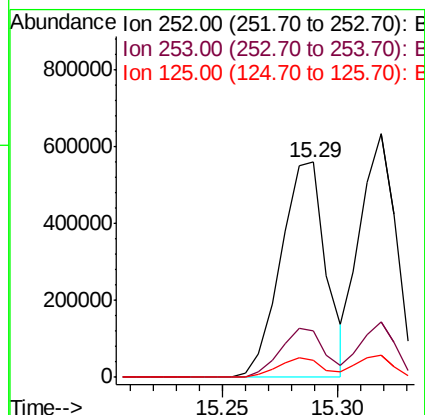
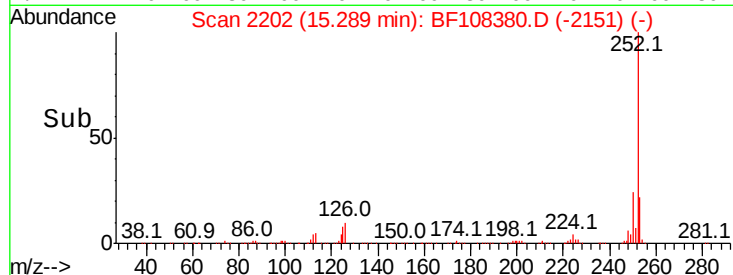
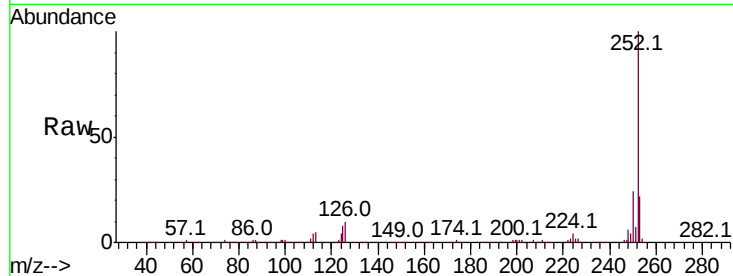
#87
Benzo(b)fluoranthene
Concen: 44.546 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	7.7	9.0	13.6#

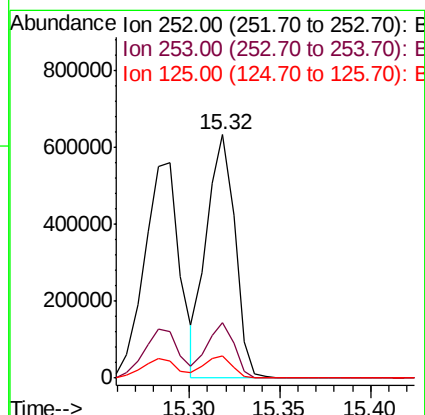
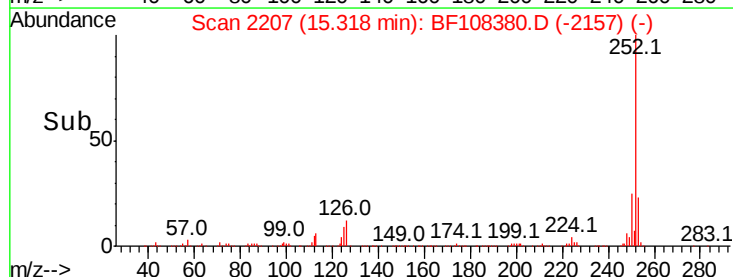
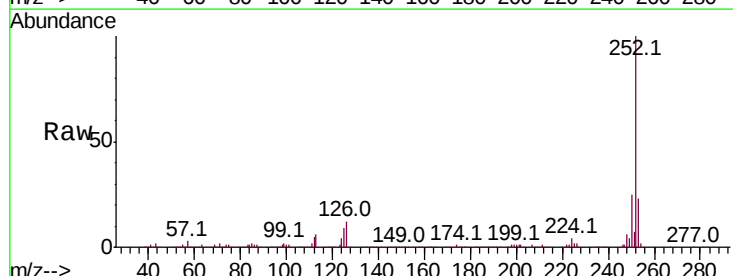
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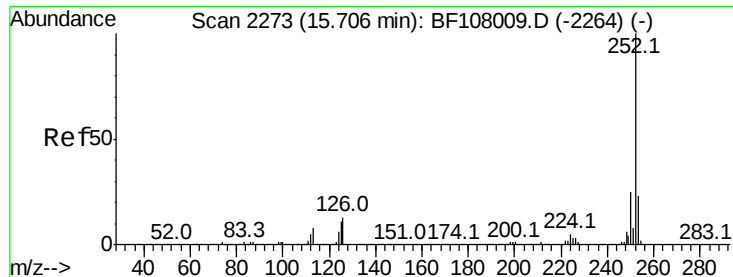
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#88
Benzo(k)fluoranthene
Concen: 43.827 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.9	10.2	15.2#





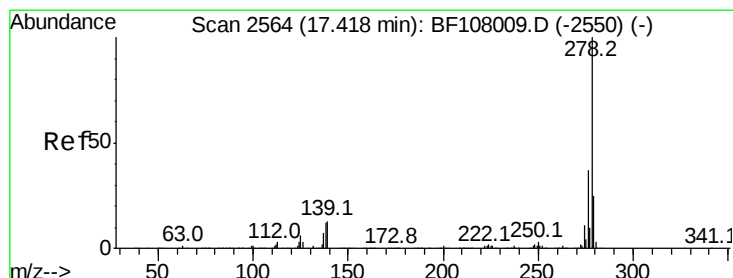
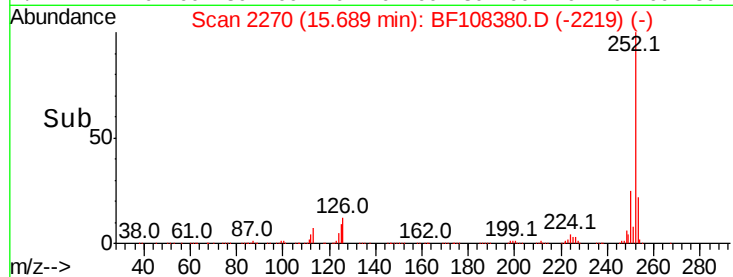
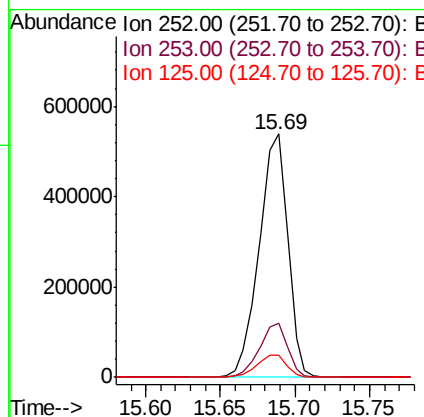
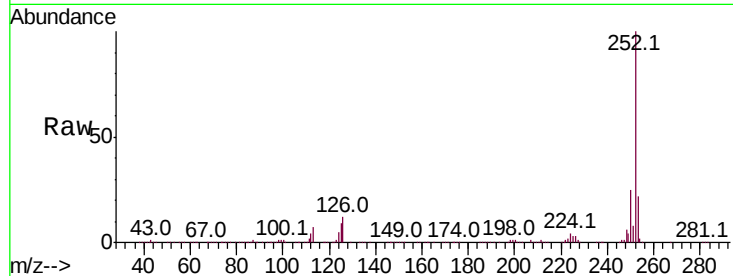
#89
Benzo(a)pyrene
Concen: 46.581 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.0	9.8	14.6

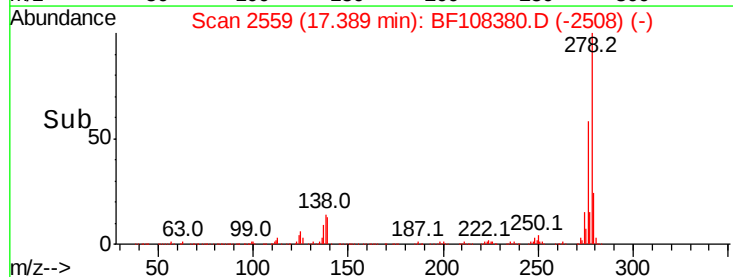
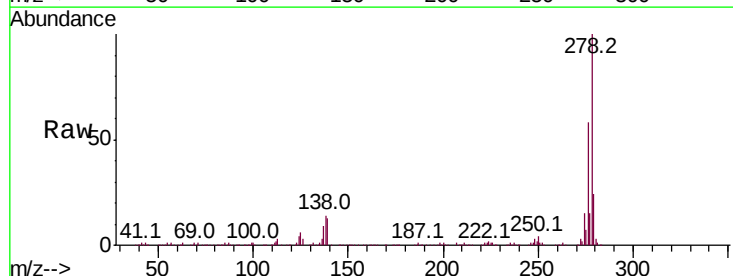
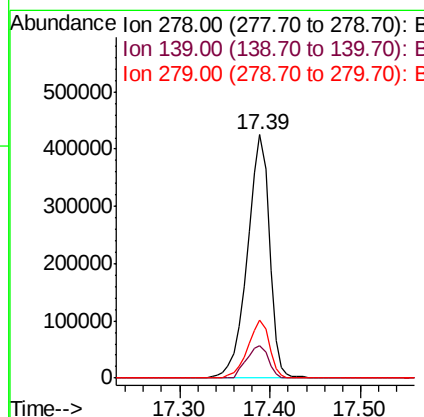
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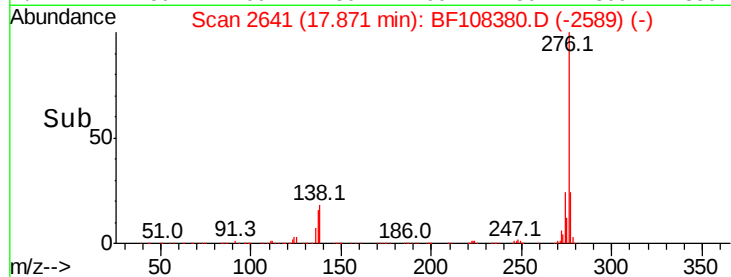
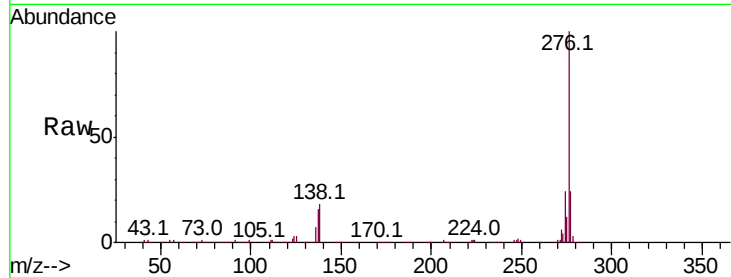
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#90
Dibenzo(a,h)anthracene
Concen: 56.591 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108380.D
Acq: 22 Aug 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.5	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 58.359 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. 0.01 min
 Lab File: BF108380.D
 Acq: 22 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	17.9	21.8	32.8

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