

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098838.D
 Acq On : 26 Sep 2017 17:59
 Operator : SJ/JU
 Sample : PB102610BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Manual Integrations
 APPROVED

Sohil
 9/27/2017 12:44:59 PM

Quant Time: Sep 27 08:32:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	148752	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	633575	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	281247	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	457786	20.00	ng	0.00
75) Chrysene-d12	14.08	240	286292	20.00	ng	0.00
86) Perylene-d12	15.57	264	287150	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	797556	85.35	ng	0.00
7) Phenol-d6	6.55	99	970910	84.23	ng	0.00
23) Nitrobenzene-d5	7.48	82	839661	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	193923	84.26	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1525269	90.54	ng	0.00
78) Terphenyl-d14	13.03	244	1062532	84.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	143047	32.047	ng	98
3) Pyridine	3.55	79	412703	34.178	ng	98
4) n-Nitrosodimethylamine	3.50	42	190483	37.201	ng	93
6) Aniline	6.58	93	432969	27.830	ng	99
8) 2-Chlorophenol	6.70	128	422977	39.971	ng	95
9) Benzaldehyde	6.46	77	94517	14.135	ng	99
10) Phenol	6.56	94	536903	41.647	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	398623	39.774	ng	98
12) 1,3-Dichlorobenzene	6.86	146	429161	38.725	ng	99
13) 1,4-Dichlorobenzene	6.93	146	433168	38.417	ng	99
14) 1,2-Dichlorobenzene	7.09	146	407495	39.112	ng	99
15) Benzyl Alcohol	7.06	79	353159	41.762	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622921	39.893	ng	99
17) 2-Methylphenol	7.16	107	355454	41.053	ng	97
18) Hexachloroethane	7.43	117	137993	34.048	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	279912	38.033	ng	97
20) 3+4-Methylphenols	7.32	107	436103	39.814	ng	# 89
22) Acetophenone	7.33	105	555509	36.189	ng	# 95
24) Nitrobenzene	7.50	77	431555	38.507	ng	99
25) Isophorone	7.74	82	784050	38.385	ng	100
26) 2-Nitrophenol	7.82	139	210703	39.097	ng	90
27) 2,4-Dimethylphenol	7.85	122	394312	38.743	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	508363	39.937	ng	100
29) 2,4-Dichlorophenol	8.05	162	348396	39.870	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	343096	39.258	ng	99
31) Naphthalene	8.22	128	1152995	38.748	ng	100
32) Benzoic acid	7.96	122	241117	28.841	ng	98
33) 4-Chloroaniline	8.26	127	244915	19.709	ng	99
34) Hexachlorobutadiene	8.33	225	173289	38.496	ng	99
35) Caprolactam	8.64	113	117007m	41.744	ng	
36) 4-Chloro-3-methylphenol	8.75	107	375291	38.210	ng	96
37) 2-Methylnaphthalene	8.91	142	806497	41.692	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	315609	37.628	ng	99
40) Hexachlorocyclopentadiene	9.06	237	82127	21.426	ng	95

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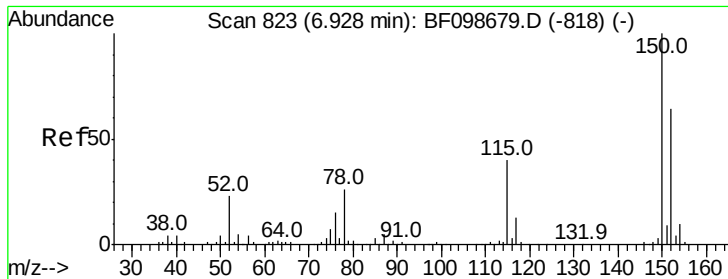
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	232763	39.172	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	245194	41.337	ng	99
45) 1,1'-Biphenyl	9.37	154	925595	38.293	ng	99
46) 2-Chloronaphthalene	9.40	162	720307	39.690	ng	98
47) 2-Nitroaniline	9.50	65	233948	42.099	ng	96
48) Acenaphthylene	9.82	152	1097682	39.510	ng	100
49) Dimethylphthalate	9.67	163	874568	41.201	ng	100
50) 2,6-Dinitrotoluene	9.74	165	188788	40.852	ng	88
51) Acenaphthene	9.99	154	657057	37.336	ng	98
52) 3-Nitroaniline	9.90	138	150904	28.005	ng	99
53) 2,4-Dinitrophenol	10.00	184	15165	11.672	ng	# 64
54) Dibenzofuran	10.16	168	999045	42.636	ng	99
55) 4-Nitrophenol	10.06	139	340099	74.644	ng	95
56) 2,4-Dinitrotoluene	10.14	165	247734	41.306	ng	95
57) Fluorene	10.50	166	753062	39.985	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	175156	42.747	ng	99
59) Diethylphthalate	10.37	149	852548	41.103	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	345227	40.807	ng	99
61) 4-Nitroaniline	10.52	138	180613	34.743	ng	92
62) Azobenzene	10.66	77	806324	42.279	ng	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	14769	5.303	ng	91
65) n-Nitrosodiphenylamine	10.61	169	686183	43.267	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	199937	44.619	ng	92
67) Hexachlorobenzene	11.05	284	193829	40.500	ng	99
68) Atrazine	11.14	200	208576	43.713	ng	99
69) Pentachlorophenol	11.25	266	195134	65.513	ng	98
70) Phenanthrene	11.47	178	1023100	41.752	ng	99
71) Anthracene	11.52	178	1055576	42.101	ng	99
72) Carbazole	11.67	167	959256	39.069	ng	99
73) Di-n-butylphthalate	12.00	149	1295858	43.848	ng	99
74) Fluoranthene	12.66	202	917408	36.973	ng	99
76) Benzidine	12.77	184	667216	63.011	ng	98
77) Pyrene	12.89	202	917649	42.035	ng	99
79) Butylbenzylphthalate	13.49	149	471511	45.956	ng	99
80) Benzo(a)anthracene	14.07	228	732495	42.254	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	267498	42.092	ng	98
82) Chrysene	14.11	228	674542	40.871	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	667220	47.229	ng	99
84) Di-n-octyl phthalate	14.66	149	1092527	48.027	ng	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	579613	43.902	ng	96
87) Benzo(b)fluoranthene	15.13	252	696274	39.437	ng	98
88) Benzo(k)fluoranthene	15.16	252	702386	40.279	ng	98
89) Benzo(a)pyrene	15.51	252	676408	41.738	ng	# 96
90) Dibenzo(a,h)anthracene	17.10	278	502141	38.716	ng	98
91) Benzo(g,h,i)perylene	17.54	276	452844	35.322	ng	95

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



#1

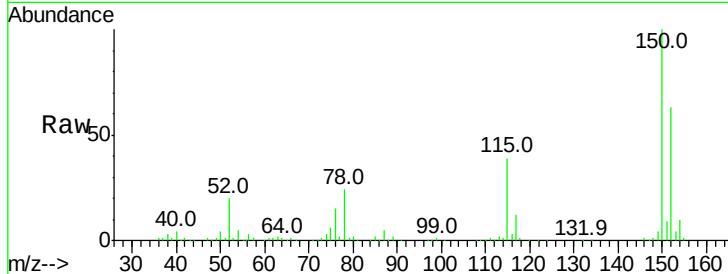
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

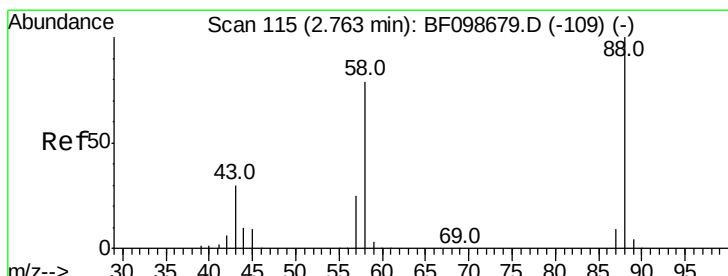
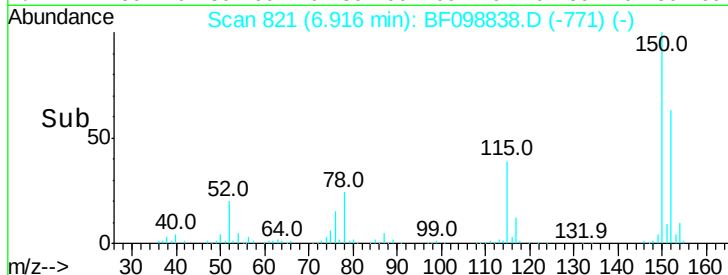
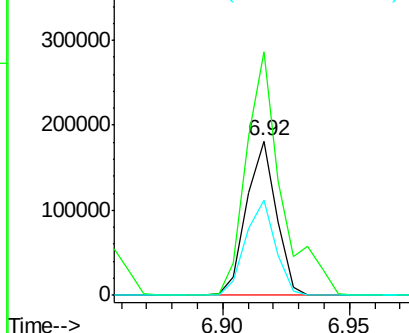
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	61.4	50.1	75.1

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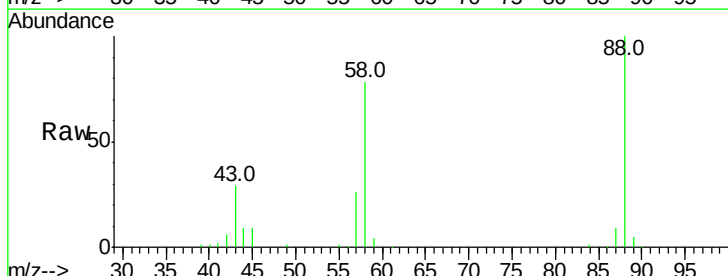
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



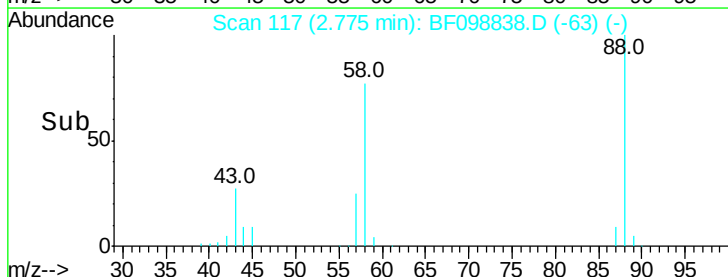
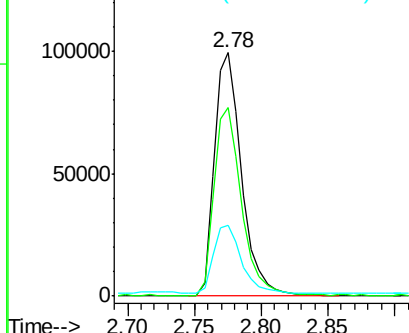
#2

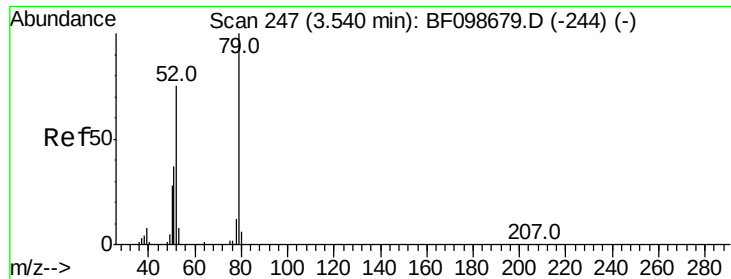
1,4-Dioxane
Concen: 32.047 ng
RT: 2.78 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.6	93.8
43	28.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





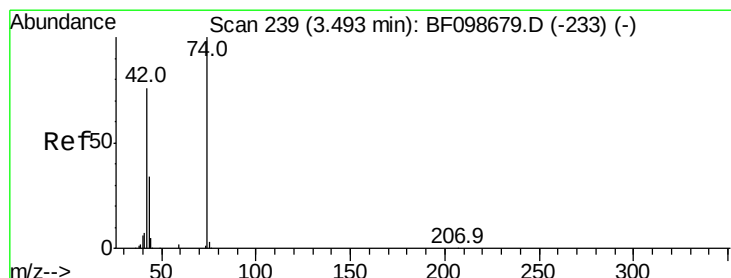
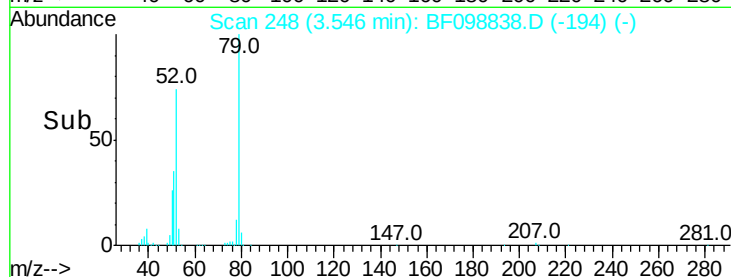
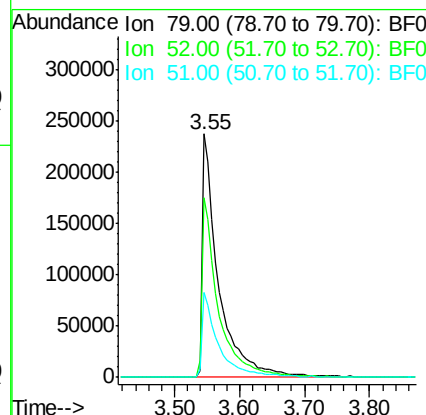
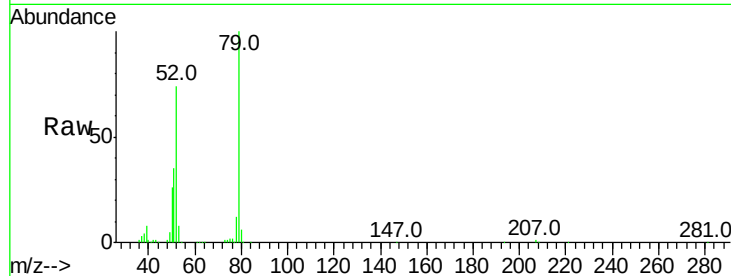
#3
 Pvrindine
 Concen: 34.178 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.02 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	59.8	89.6
51	34.7	29.8	44.8

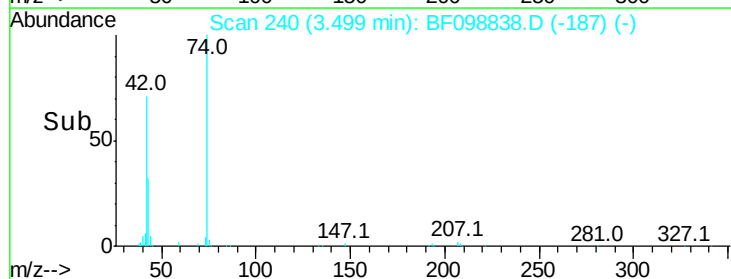
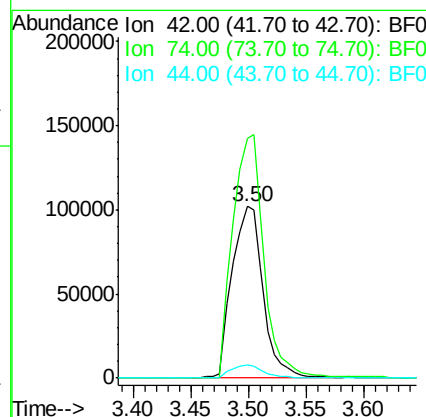
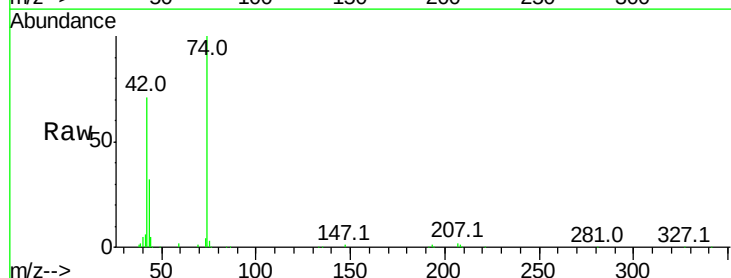
Manual Integrations
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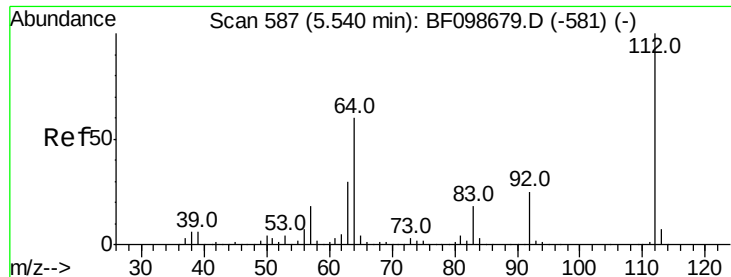
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#4
 n-Nitrosodimethylamine
 Concen: 37.201 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.0	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 85.352 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

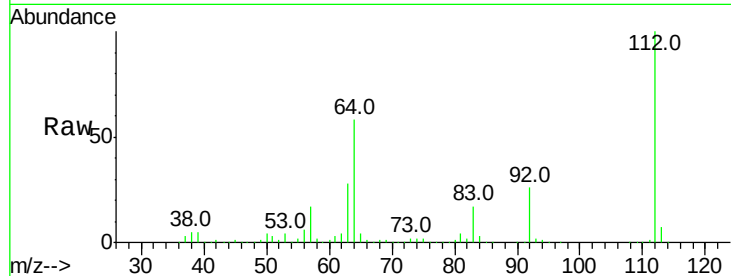
ClientSampleId :

PB102610BS

Tot Ion:	112	Resp:	797556
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.9	71.9
63	28.3	23.7	35.5

Manual Integrations
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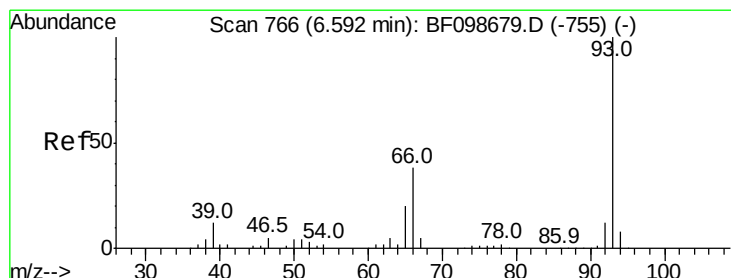
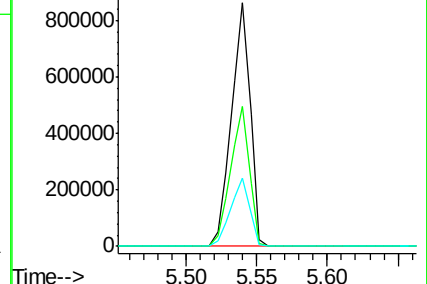
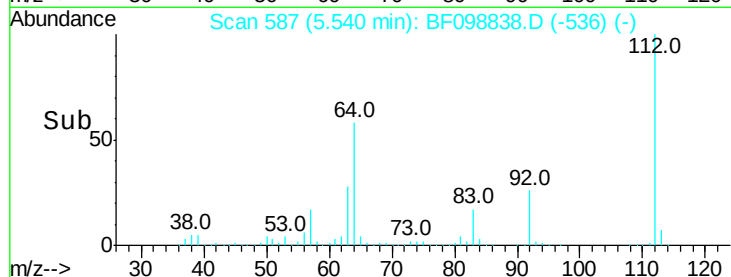
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.830 ng

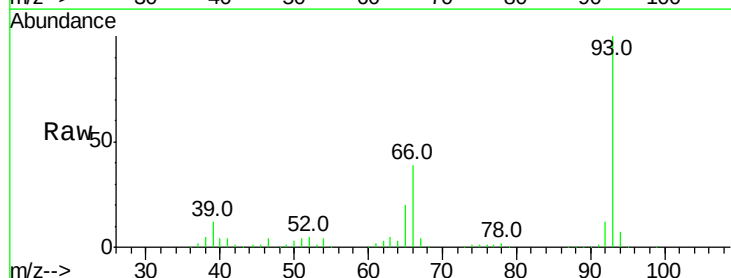
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

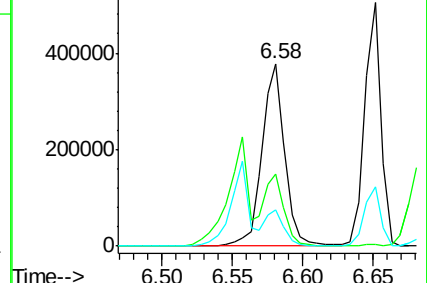
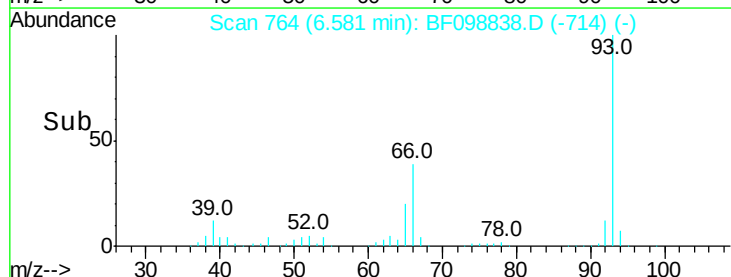
Tgt Ion:	93	Resp:	432969
Ion Ratio	Lower	Upper	
93	100		
66	39.4	32.2	48.2
65	19.9	16.4	24.6

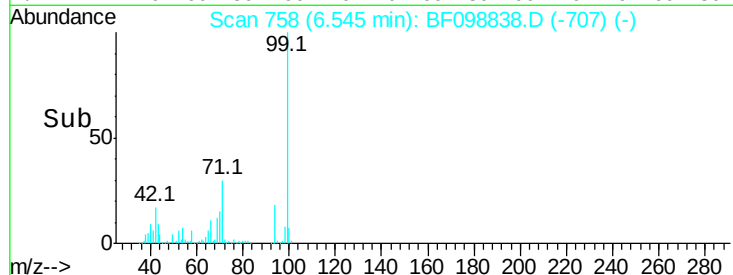
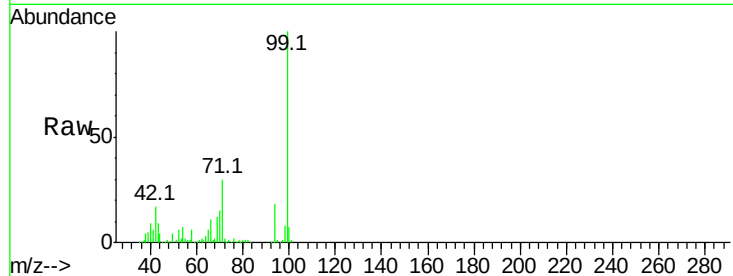
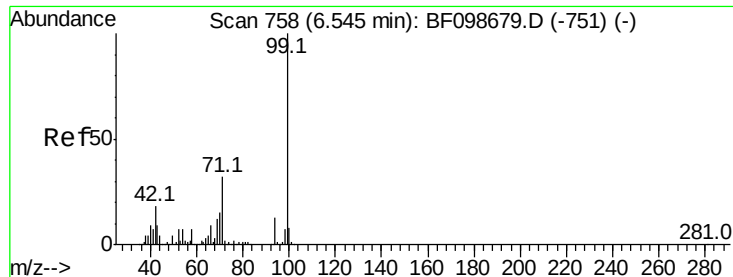


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.227 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tot Ion:	99	Resp:	970910
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	30.5	25.4	38.0

Instrument :

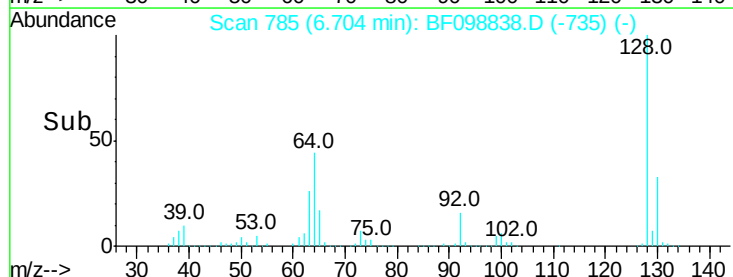
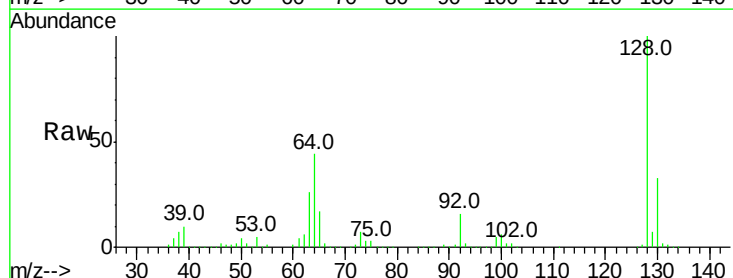
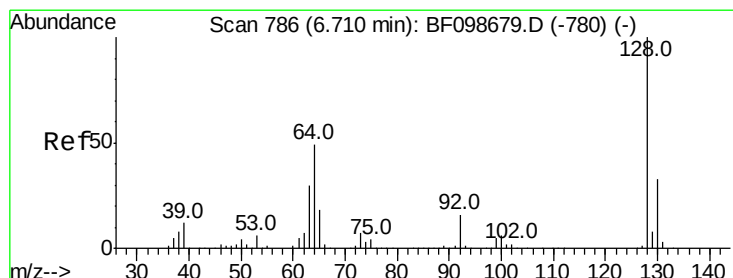
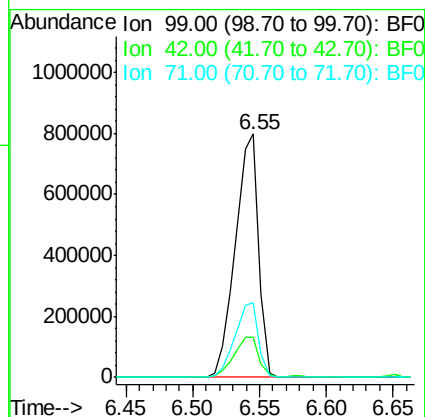
BNA_F

ClientSampled :

PB102610BS

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#8

2-Chlorophenol

Concen: 39.971 ng

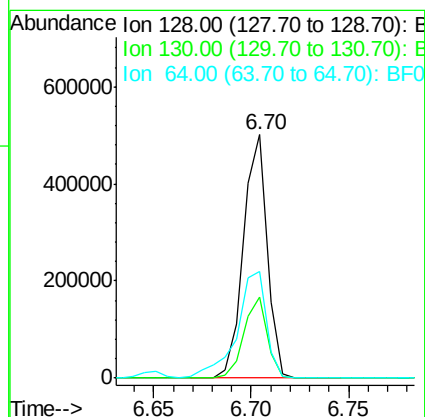
RT: 6.70 min Scan# 785

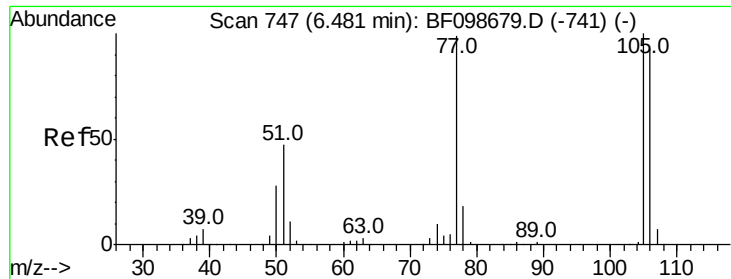
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	128	Resp:	422977
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.0	53.0
64	44.0	29.4	69.4





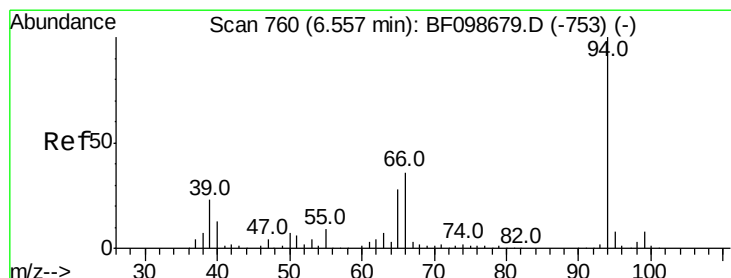
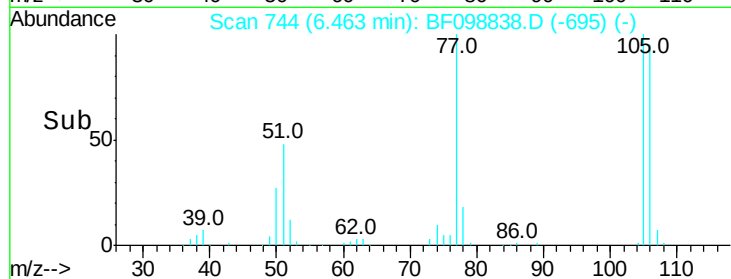
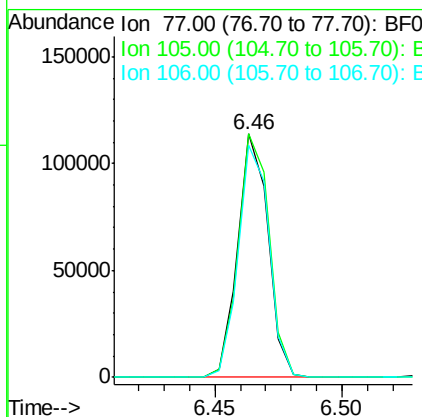
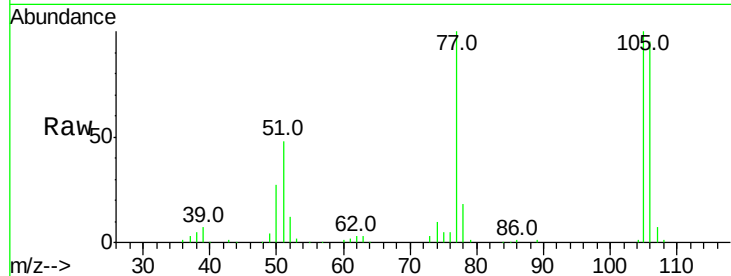
#9
Benzaldehyde
Concen: 14.135 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	81.1	121.1
106	95.1	74.5	114.5

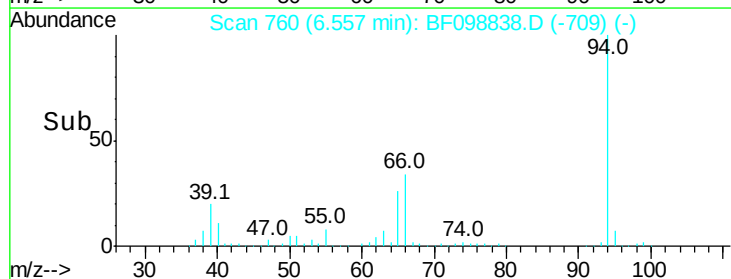
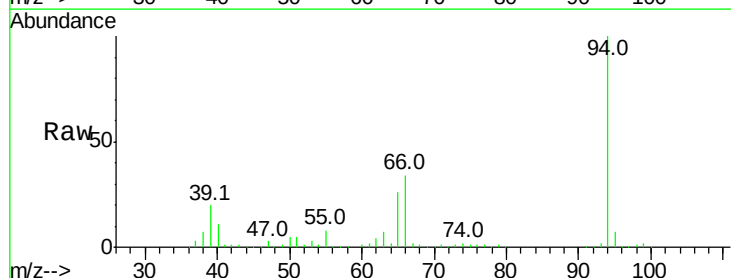
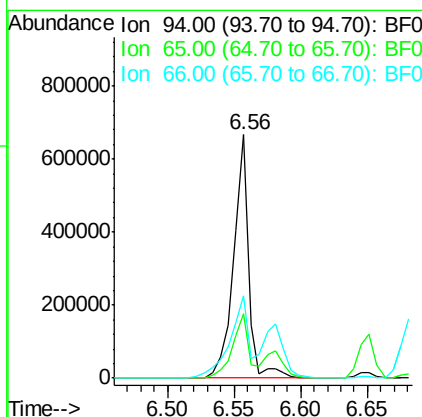
Manual Integrations
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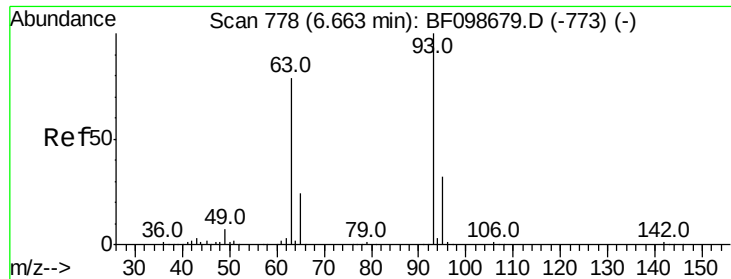
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#10
Phenol
Concen: 41.647 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.9	47.9
66	34.0	16.2	56.2





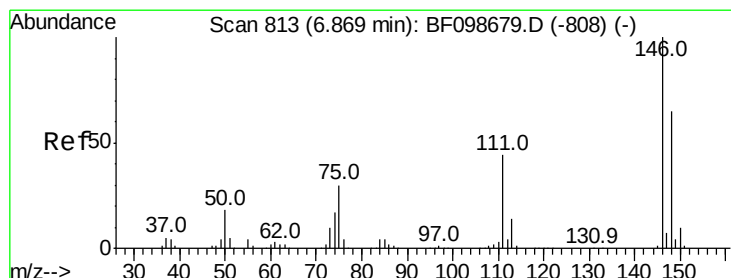
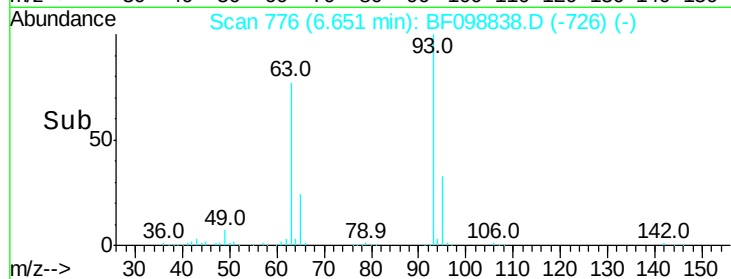
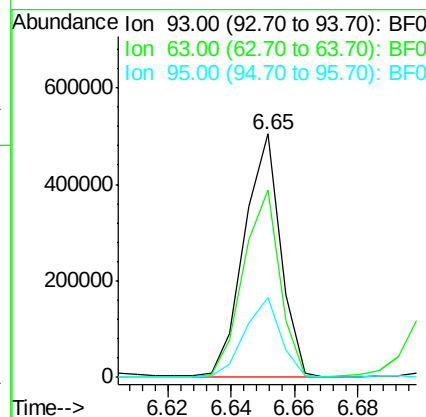
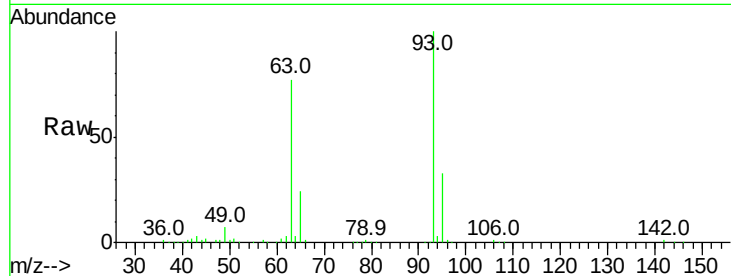
#11
bis(2-Chloroethyl)ether
Concen: 39.774 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	398623		
63	77.0	58.6	98.6	
95	32.7	11.8	51.8	

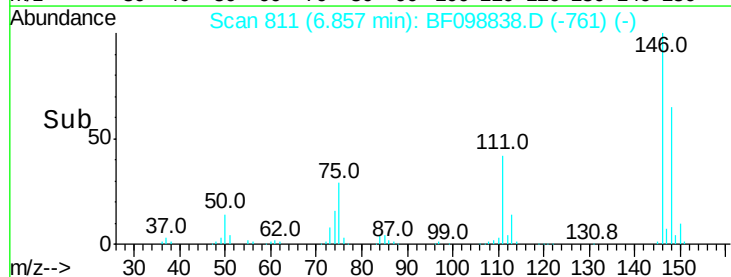
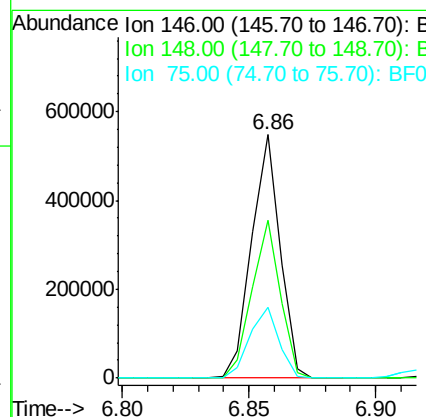
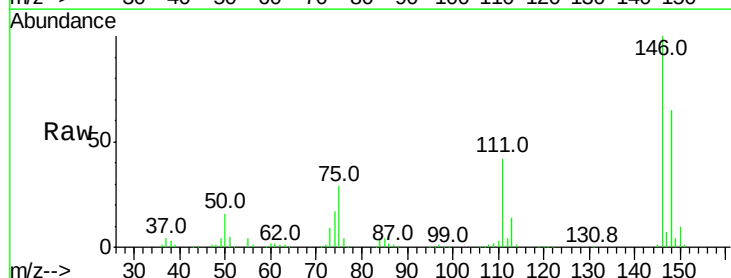
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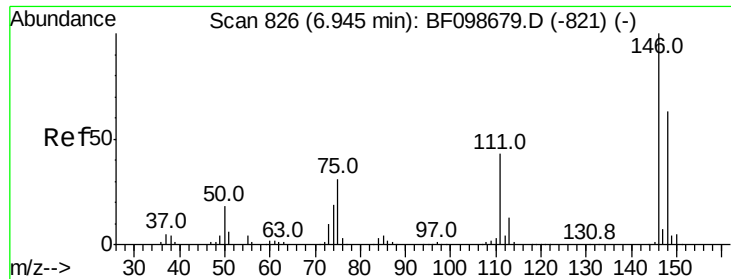
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#12
1,3-Dichlorobenzene
Concen: 38.725 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	429161		
148	65.0	51.8	77.8	
75	28.9	24.2	36.4	





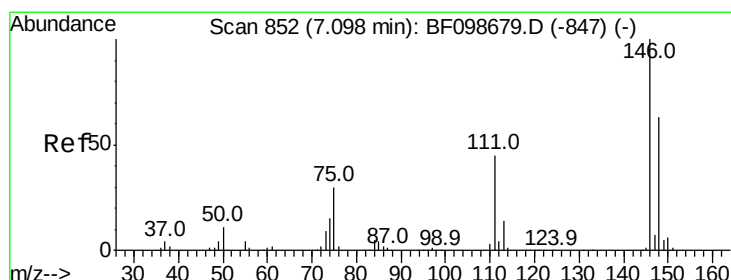
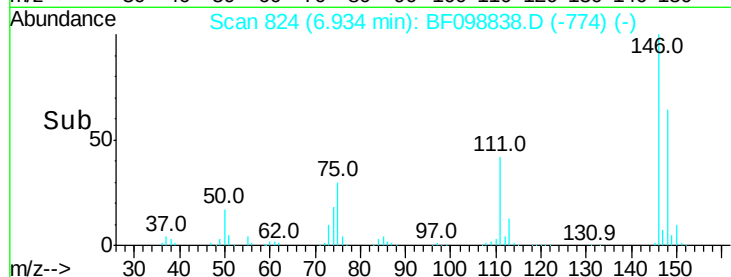
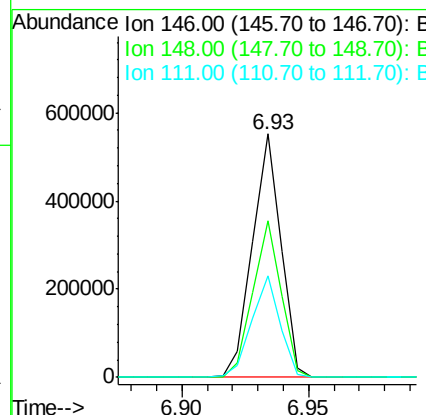
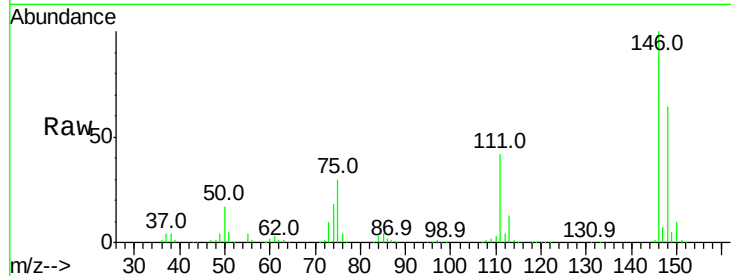
#13
 1,4-Dichlorobenzene
 Concen: 38.417 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.9	34.2	51.2

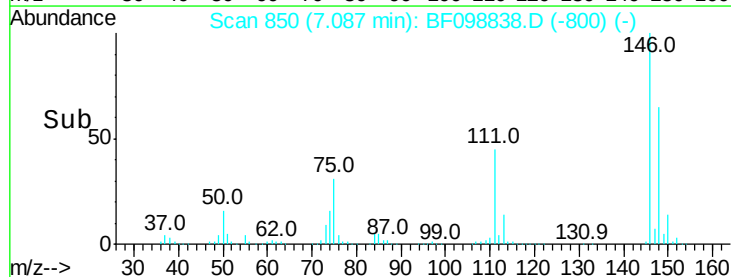
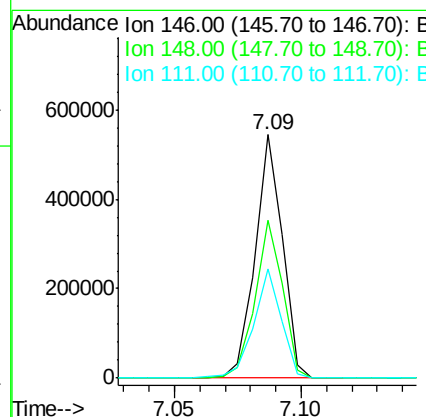
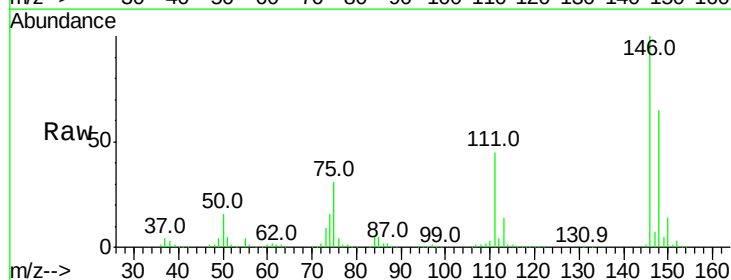
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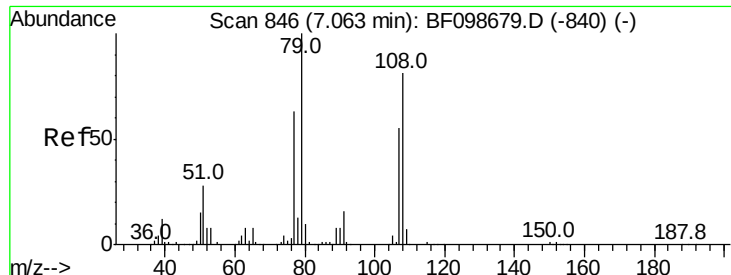
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#14
 1,2-Dichlorobenzene
 Concen: 39.112 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	44.9	36.0	54.0





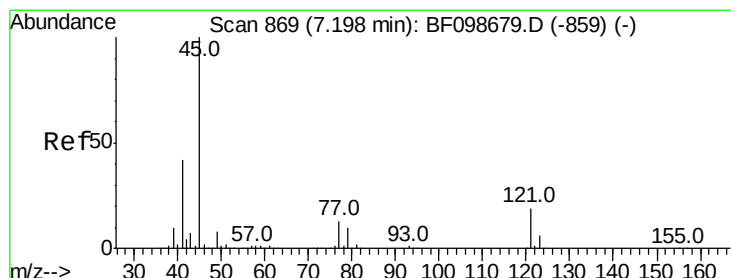
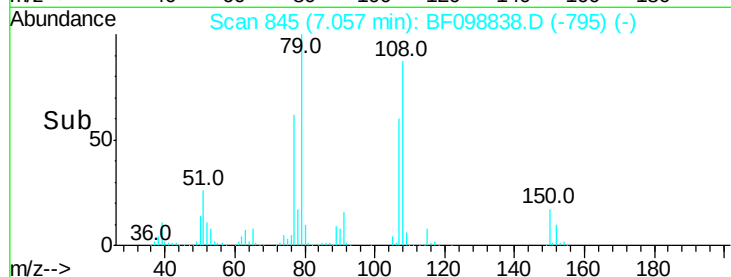
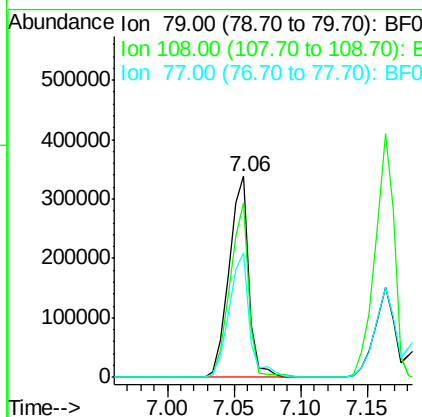
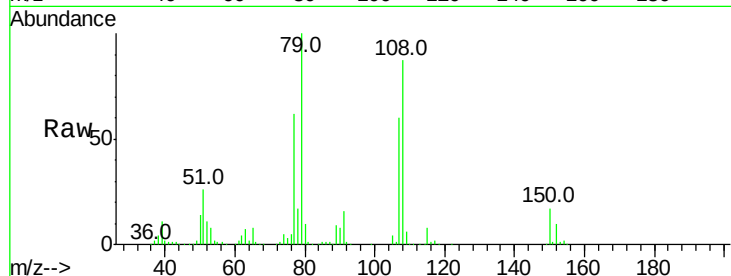
#15
Benzyl Alcohol
Concen: 41.762 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102610BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.7	65.1	97.7
77	62.0	50.6	75.8

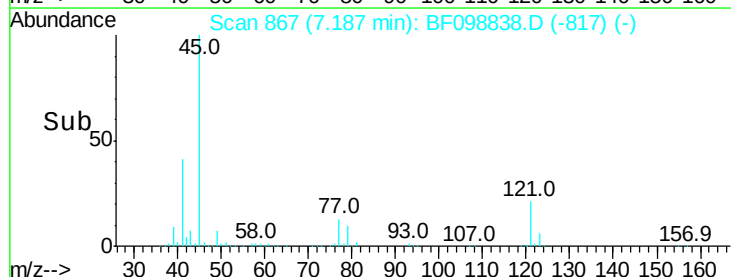
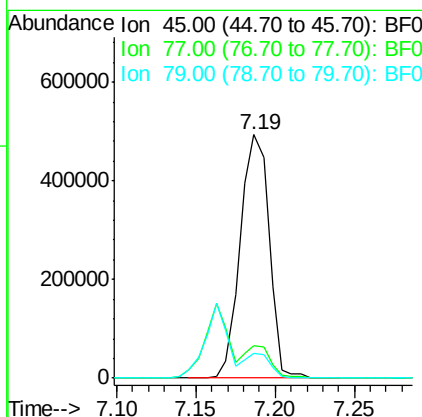
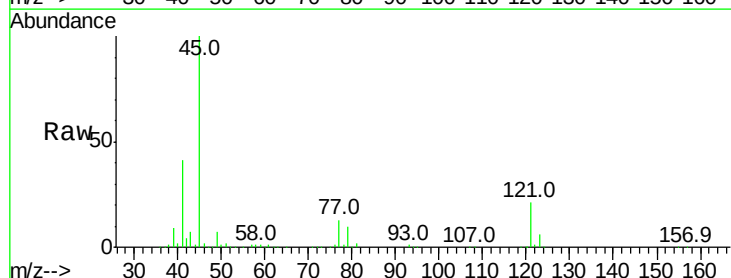
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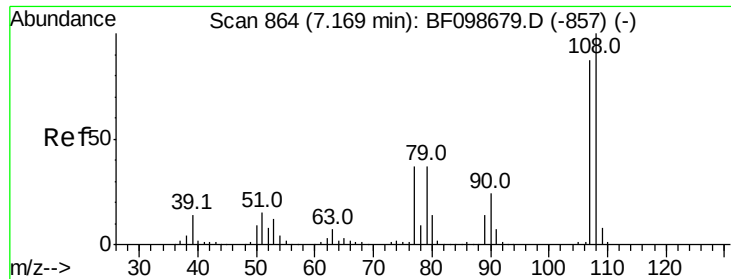
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.893 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.9
79	10.1	0.0	29.6





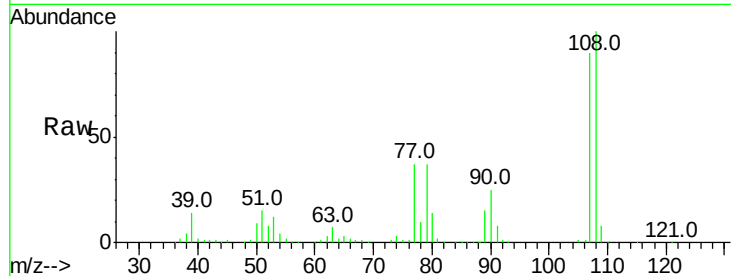
#17
2-Methylphenol
Concen: 41.053 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

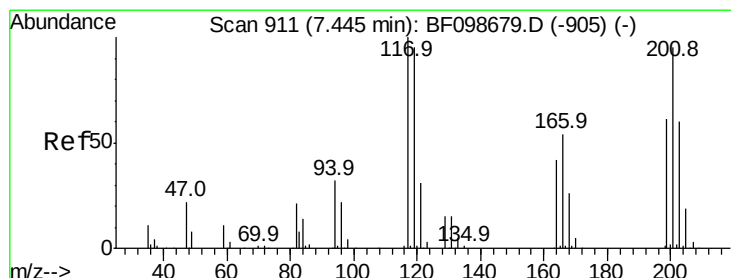
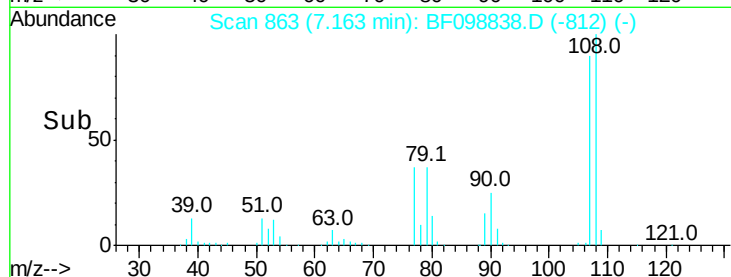
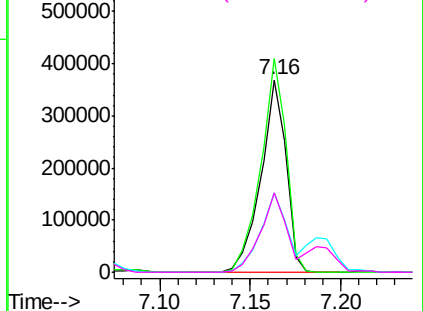
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.1	91.7	137.5	
77	77	41.4	33.8	50.8	
79	79	41.3	33.8	50.8	

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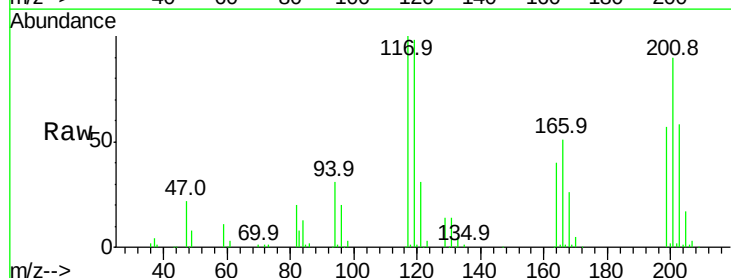


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

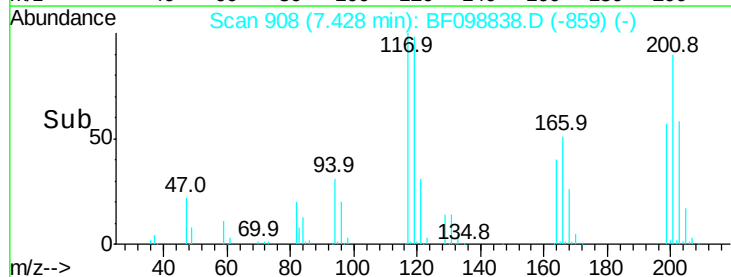
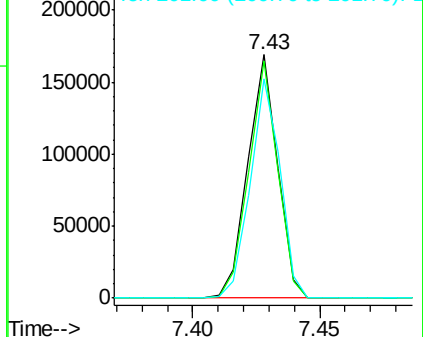


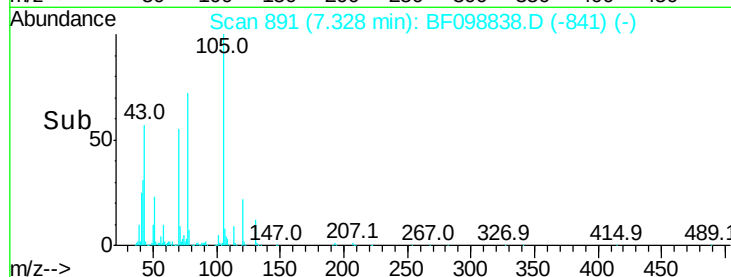
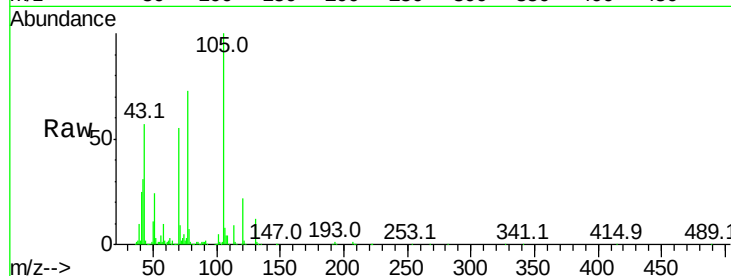
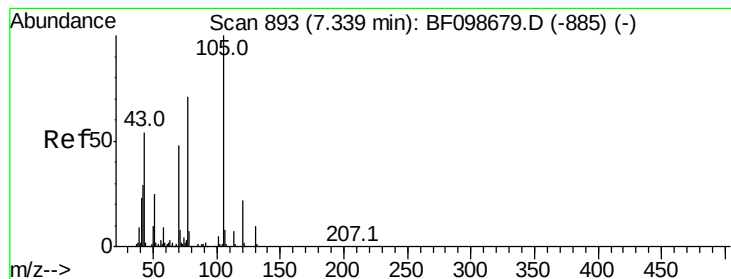
#18
Hexachloroethane
Concen: 34.048 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	97.6	75.8	113.8	
201	201	90.0	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.033 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102610BS

Tot Ion: 70 Resp: 279912

Ion Ratio Lower Upper

70 100

42 56.4 47.5 71.3

101 9.6 7.4 11.2

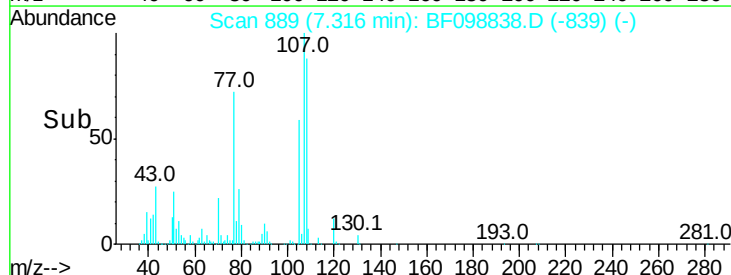
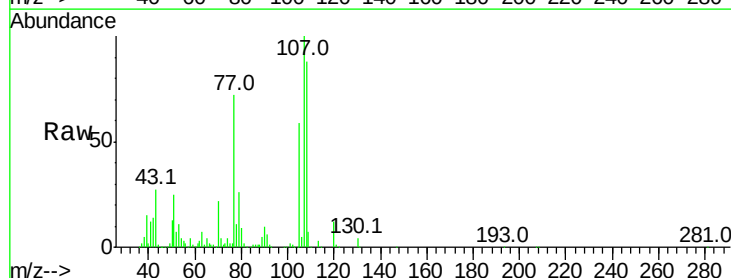
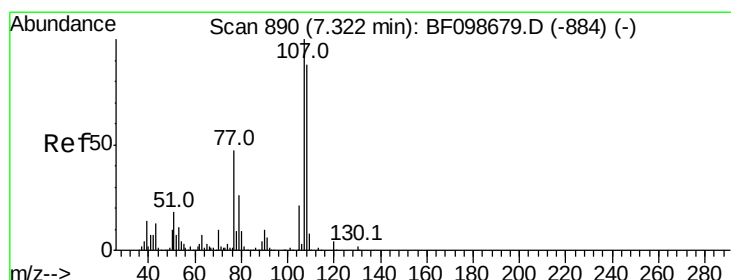
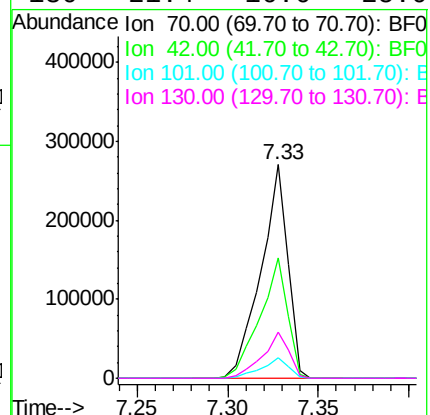
130 21.4 16.6 25.0

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#20

3+4-Methylphenols

Concen: 39.814 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion: 107 Resp: 436103

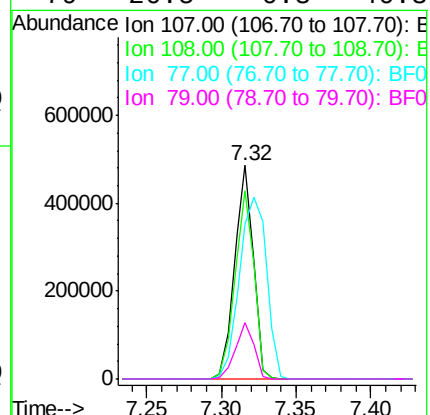
Ion Ratio Lower Upper

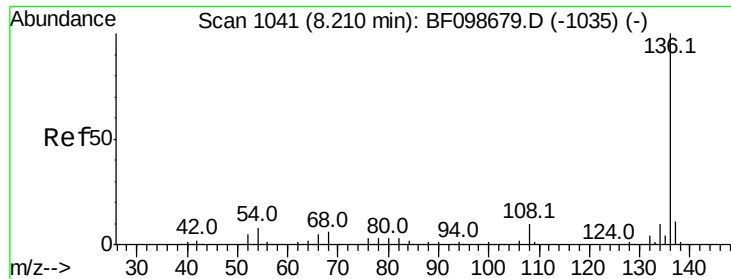
107 100

108 88.2 68.2 108.2

77 72.3 26.7 66.7#

79 26.5 6.3 46.3





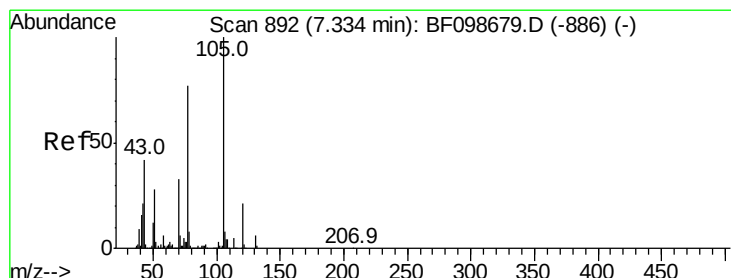
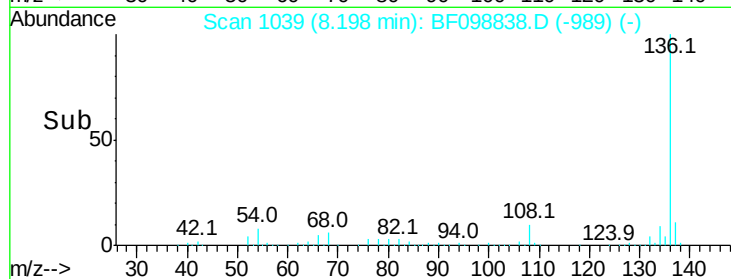
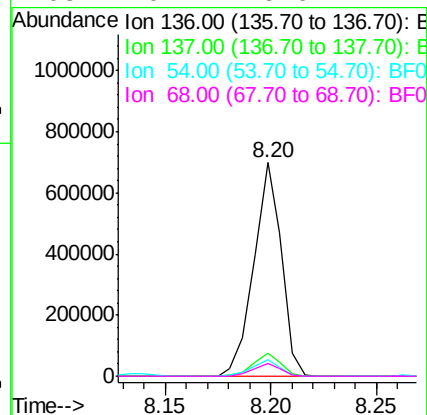
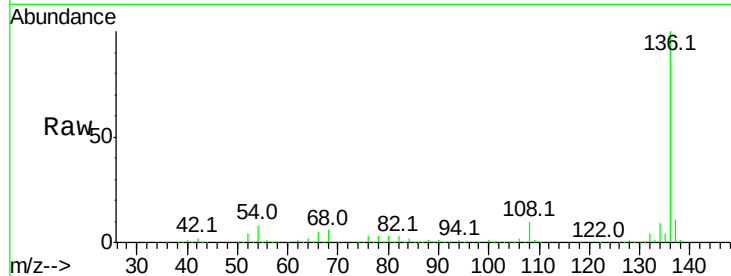
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	633575		
137	11.0		8.9	13.3
54	8.0		6.6	9.8
68	6.2		5.0	7.4

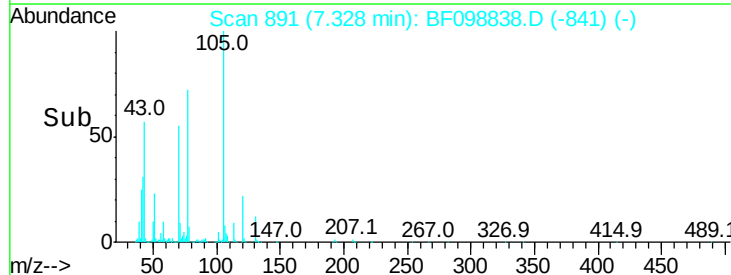
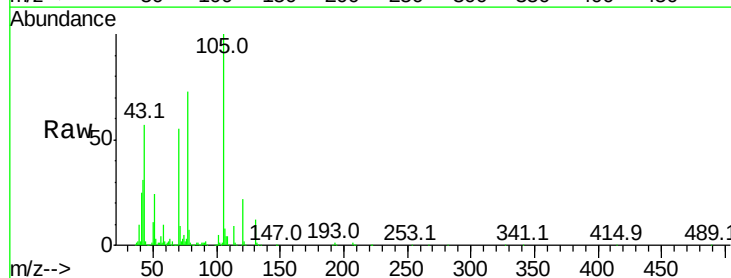
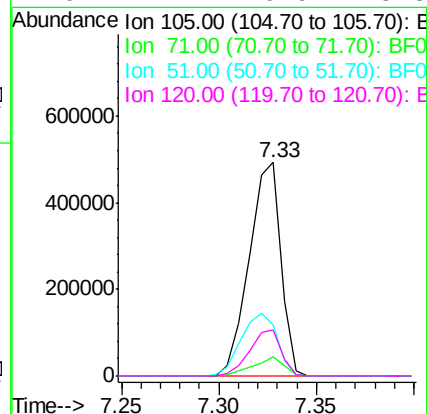
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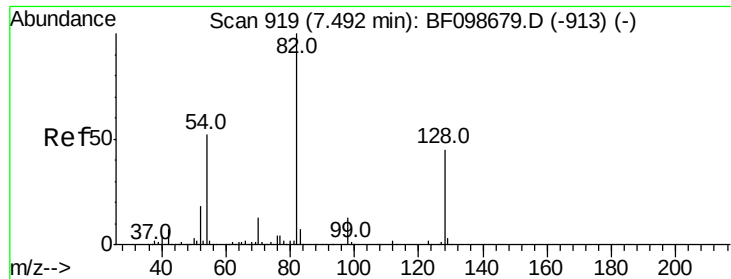
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#22
Acetophenone
Concen: 36.189 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	555509		
71	9.2		4.4	6.6#
51	24.0		22.3	33.5
120	21.7		16.9	25.3





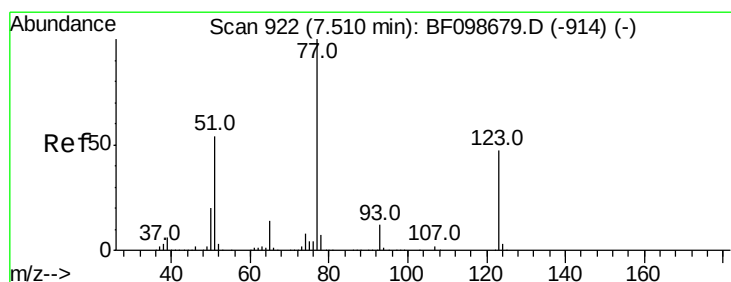
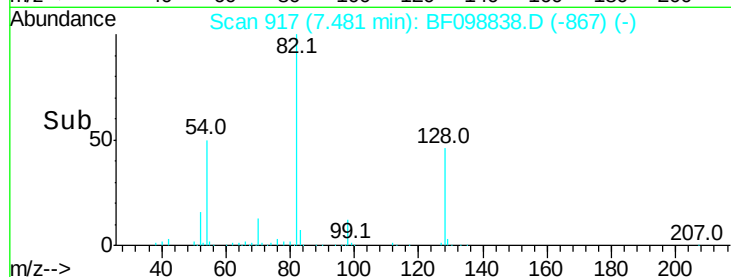
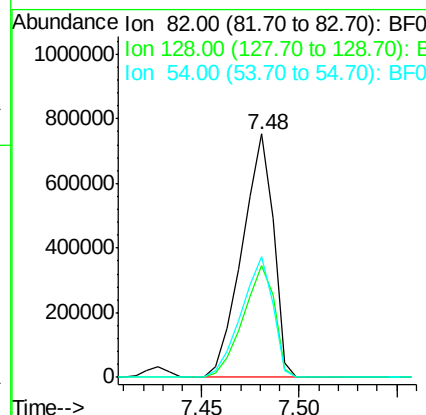
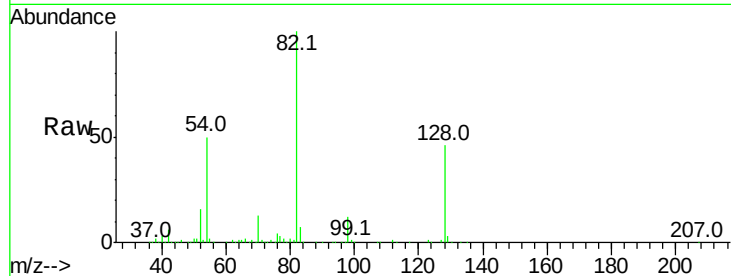
#23
Nitrobenzene-d5
Concen: 84.990 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.1	54.1	
54	49.8	41.4	62.2	

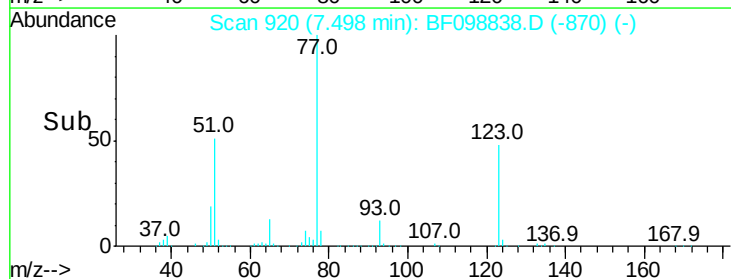
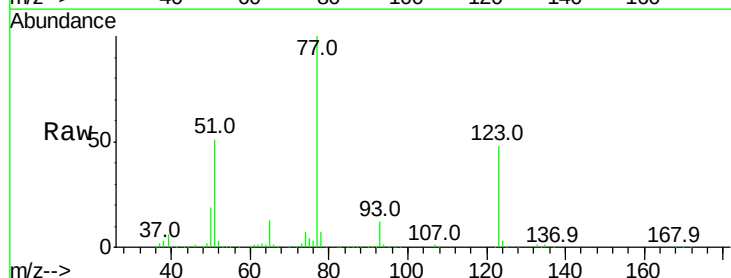
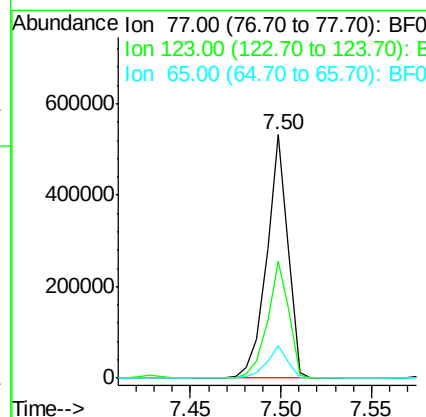
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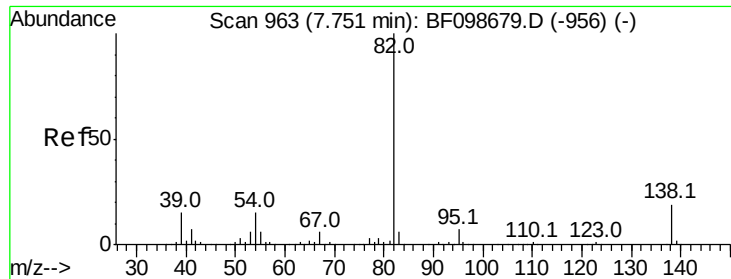
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#24
Nitrobenzene
Concen: 38.507 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	37.9	56.9	
65	13.1	11.0	16.4	





#25

Isophorone

Concen: 38.385 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

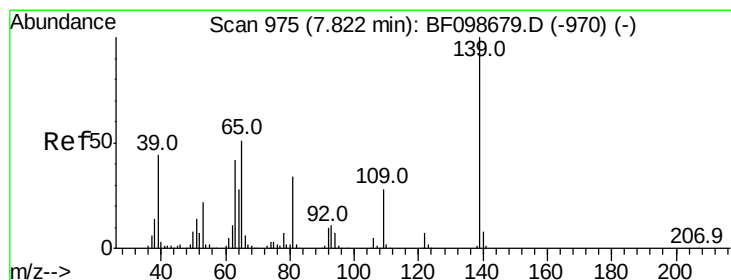
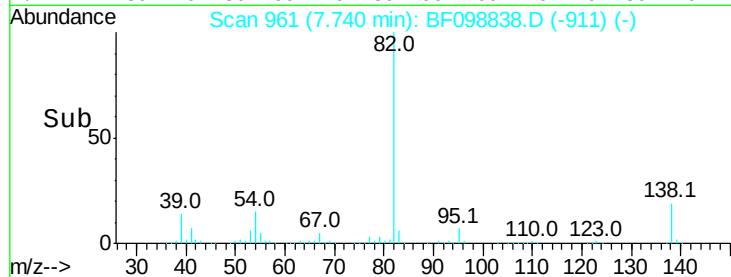
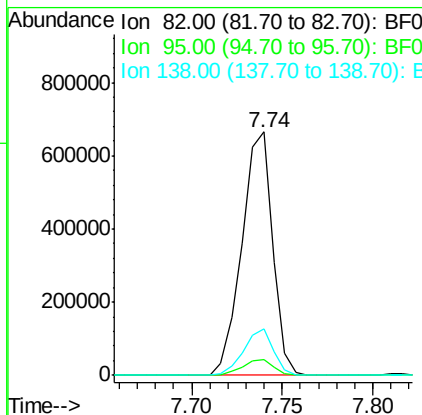
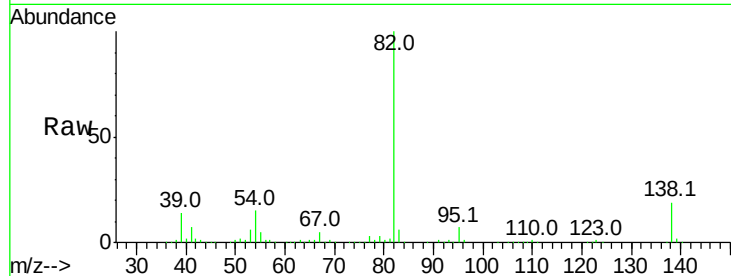
ClientSampleId :

PB102610BS

Tot Ion:	82	Resp:	784050
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.097 ng

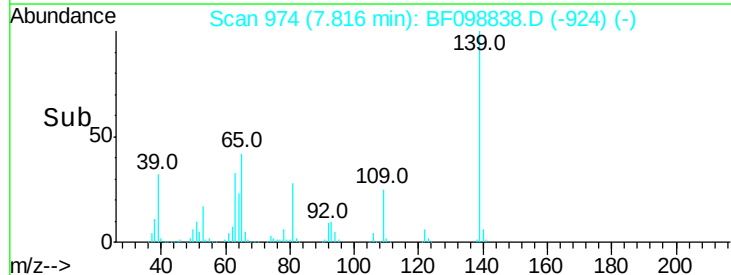
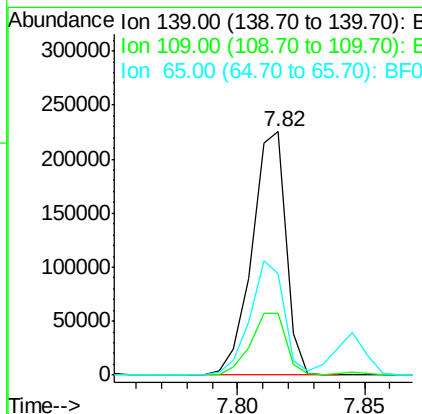
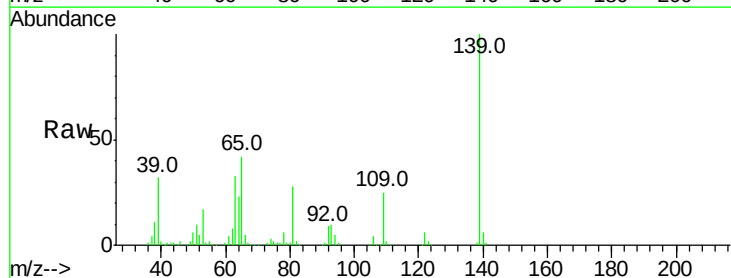
RT: 7.82 min Scan# 974

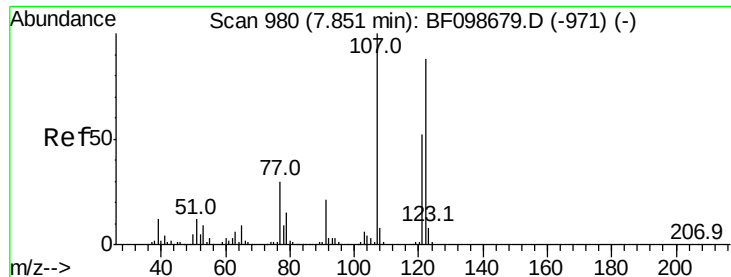
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	139	Resp:	210703
Ion Ratio	Lower	Upper	
139	100		
109	25.2	22.7	34.1
65	41.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 38.743 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

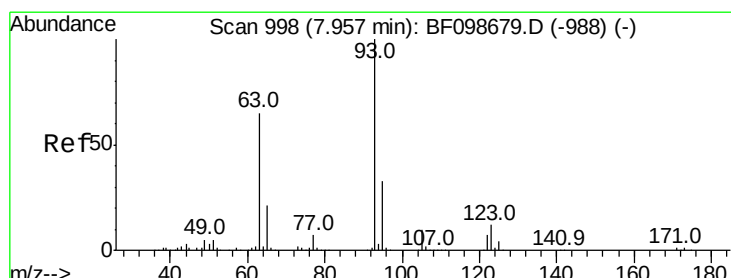
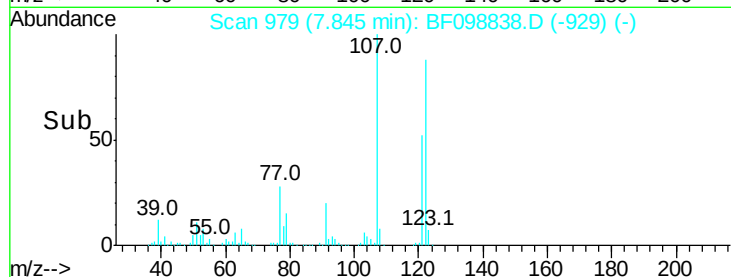
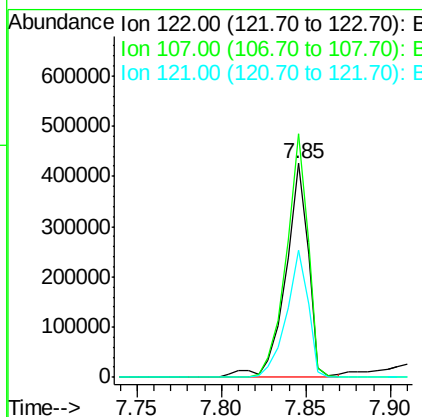
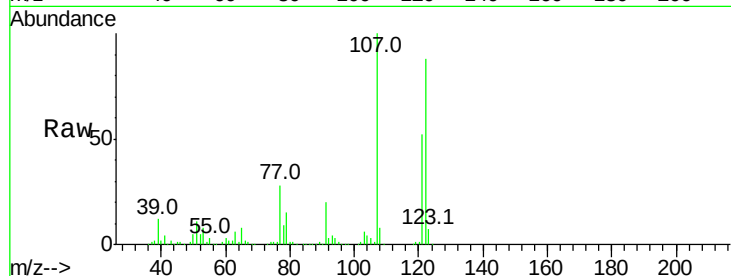
ClientSampleId :

PB102610BS

Tot Ion:	122	Resp:	394312
Ion Ratio	Lower	Upper	
122	100		
107	113.8	91.2	136.8
121	59.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.937 ng

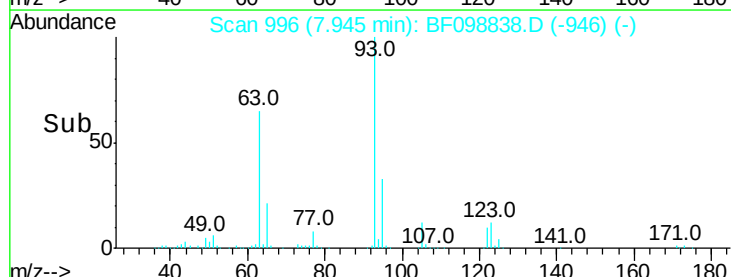
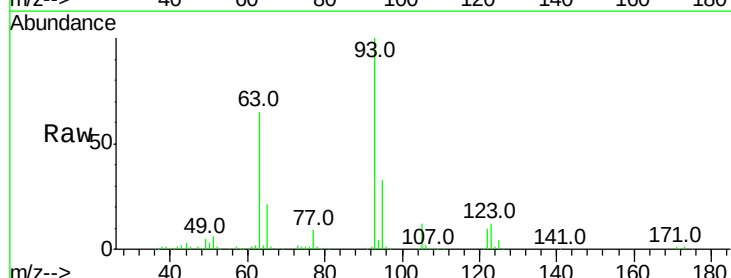
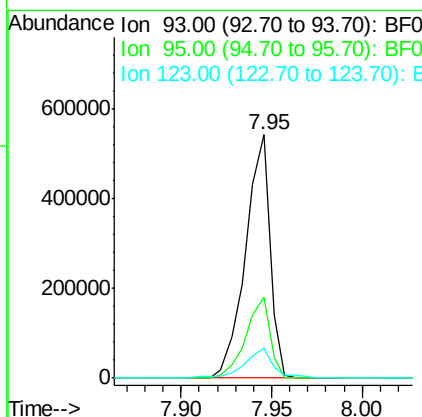
RT: 7.95 min Scan# 996

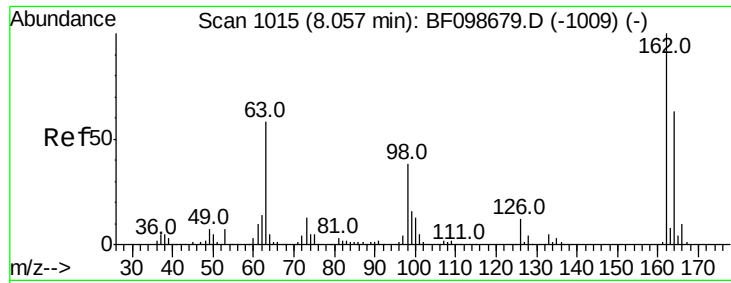
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	93	Resp:	508363
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	12.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.870 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

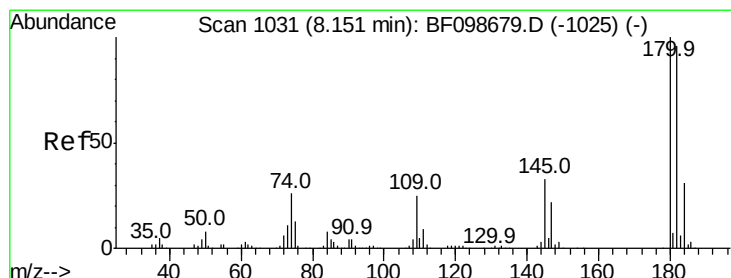
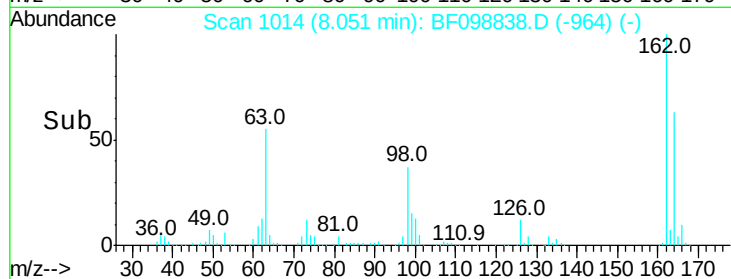
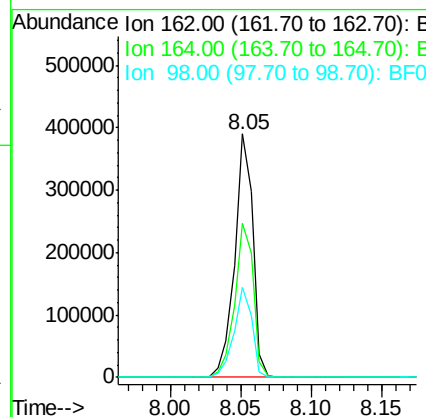
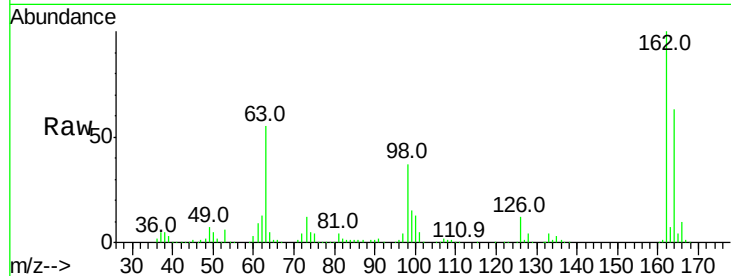
ClientSampled :

PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	42.7	82.7	
98	36.9	18.1	58.1	

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#30

1,2,4-Trichlorobenzene

Concen: 39.258 ng

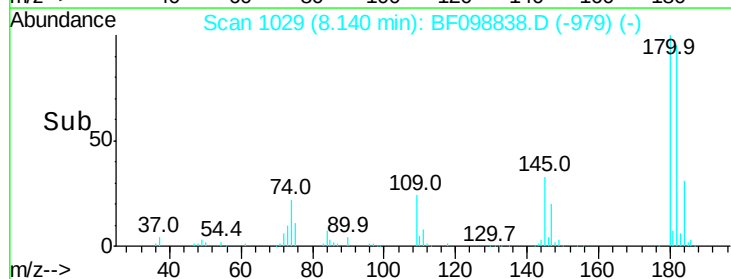
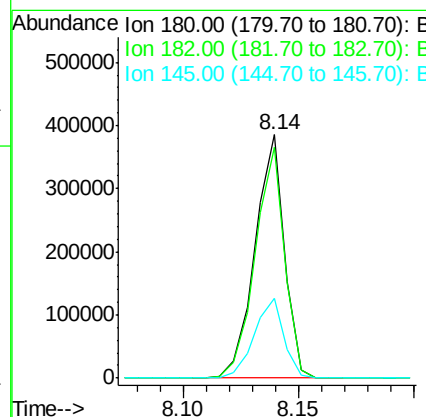
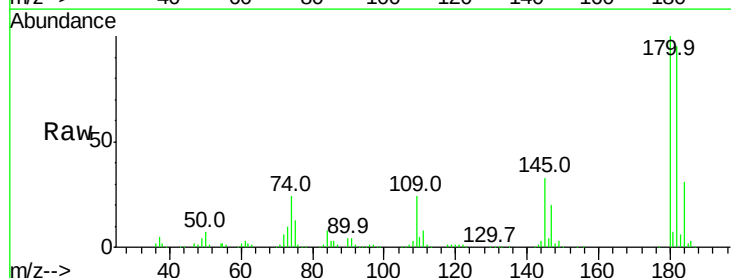
RT: 8.14 min Scan# 1029

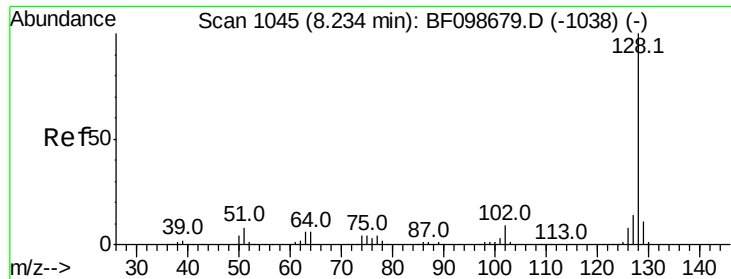
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	76.8	115.2	
145	33.0	26.5	39.7	





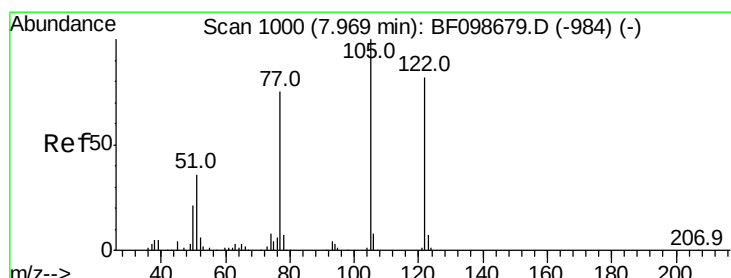
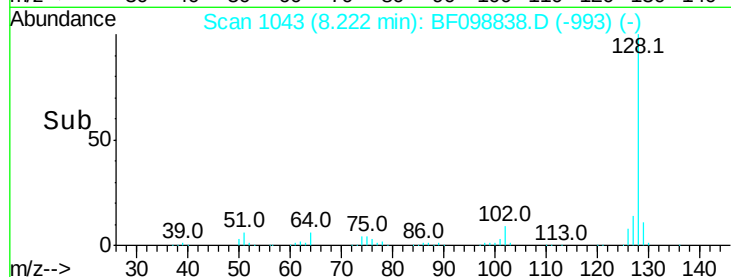
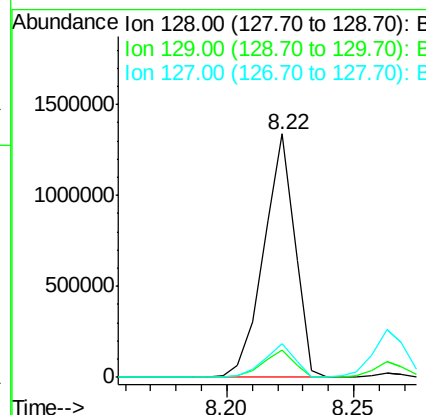
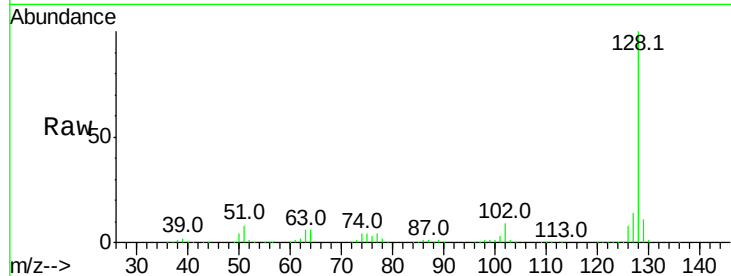
#31
Naphthalene
Concen: 38.748 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

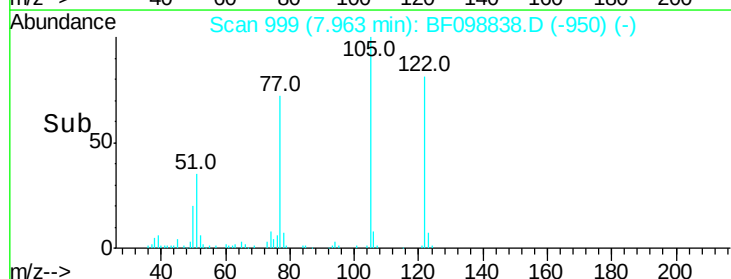
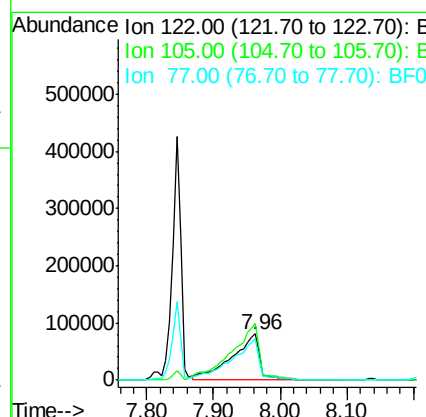
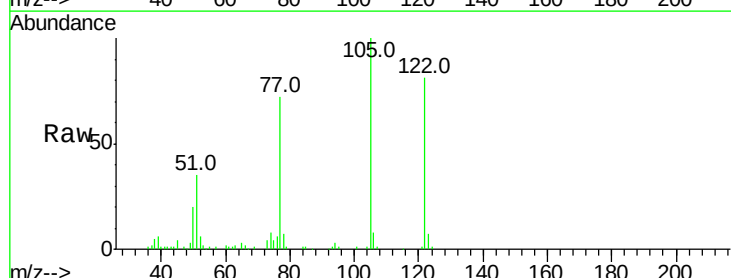
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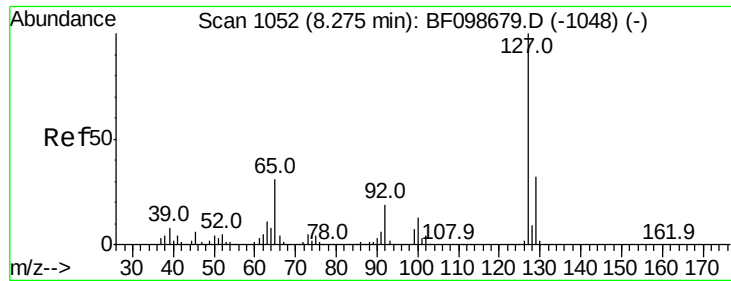
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#32
Benzoic acid
Concen: 28.841 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	101.1	141.1
77	89.0	70.7	110.7





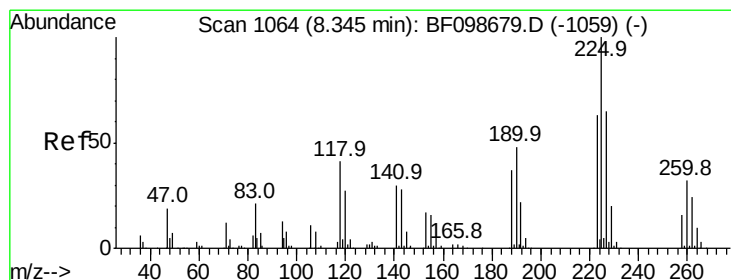
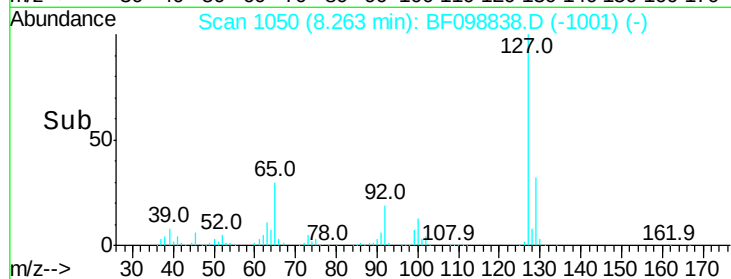
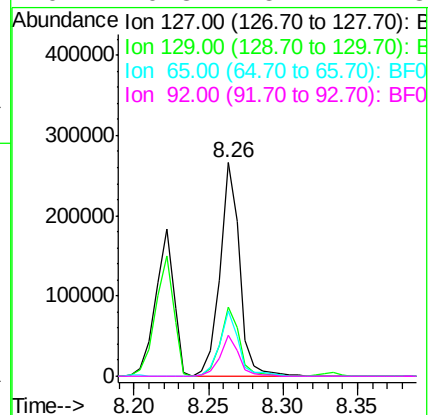
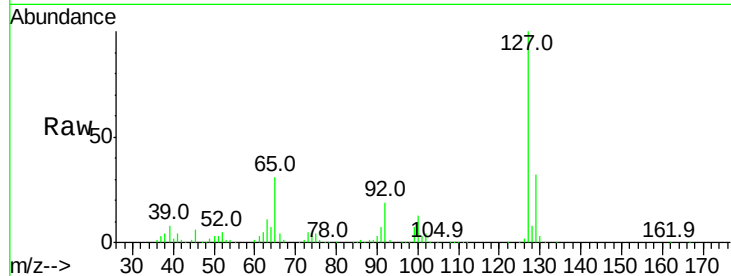
#33
4-Chloroaniline
Concen: 19.709 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	30.6	25.0	37.4	
92	19.3	15.2	22.8	

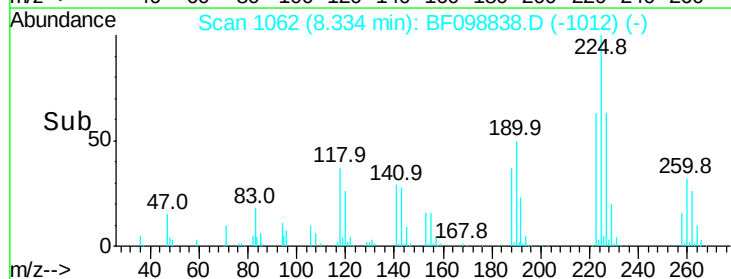
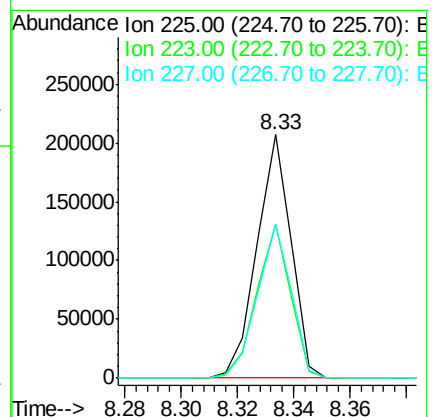
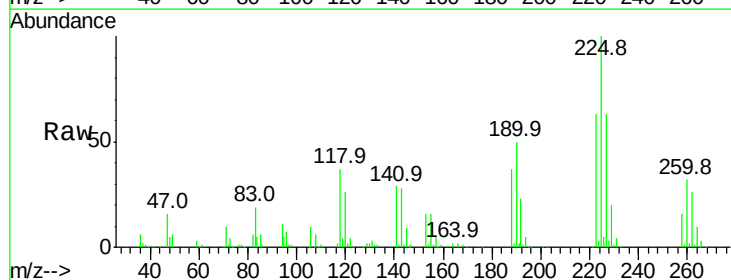
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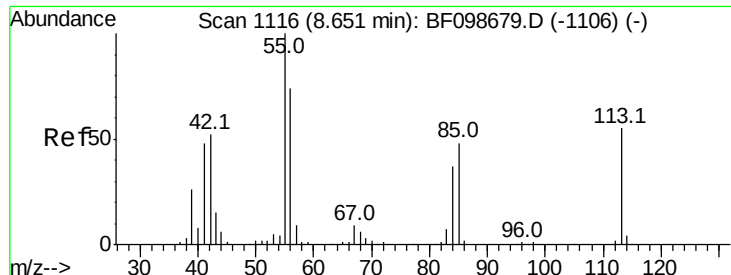
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#34
Hexachlorobutadiene
Concen: 38.496 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	63.3	51.9	77.9	





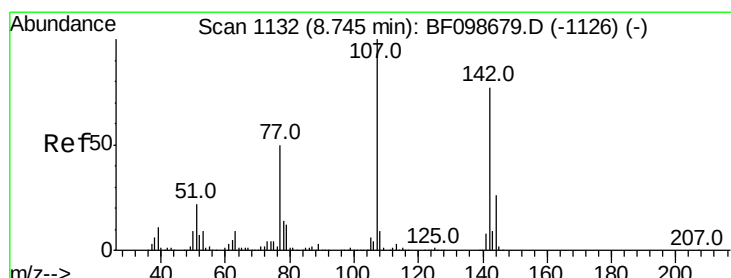
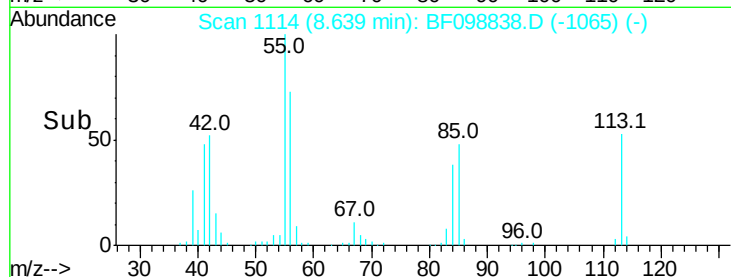
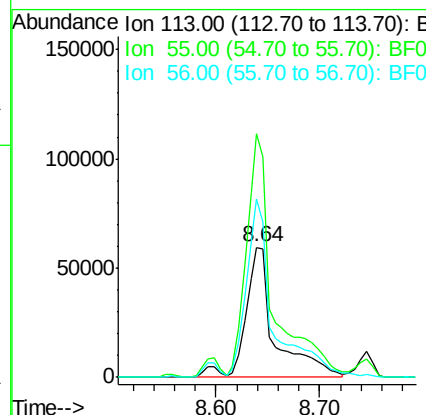
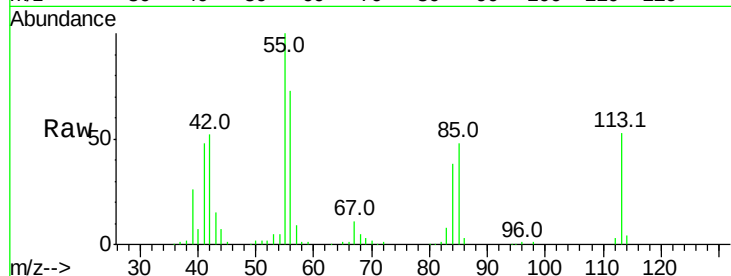
#35
 Caprolactam
 Concen: 41.744 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleID :
 PB102610BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.7	163.3	203.3
56	137.5	115.7	155.7

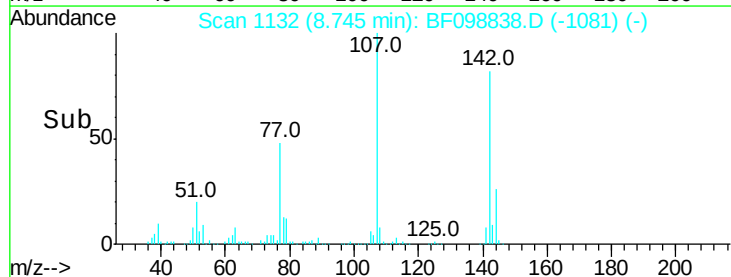
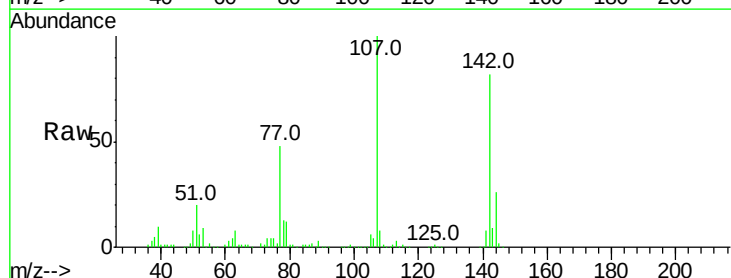
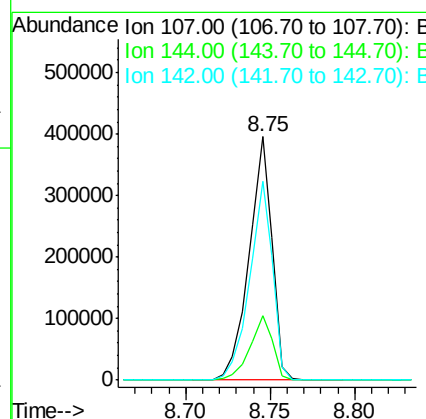
Manual Integrations
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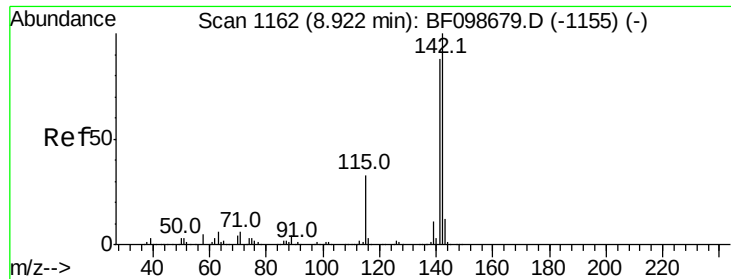
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#36
 4-Chloro-3-methylphenol
 Concen: 38.210 ng/ml
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	81.7	62.0	93.0





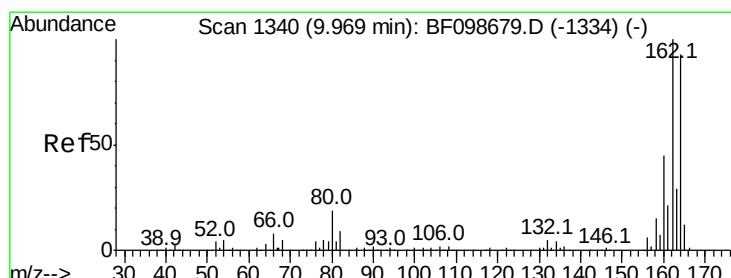
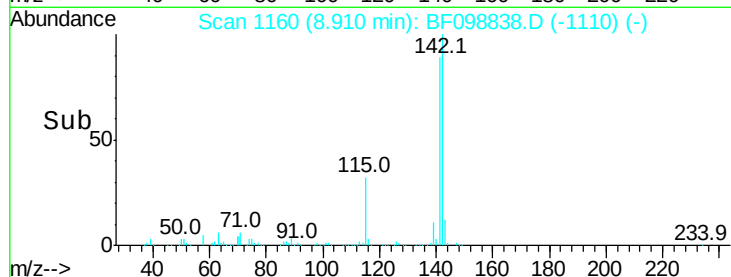
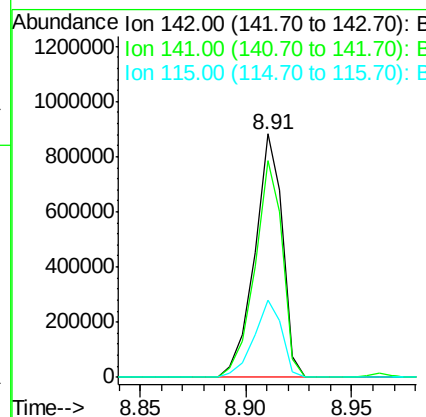
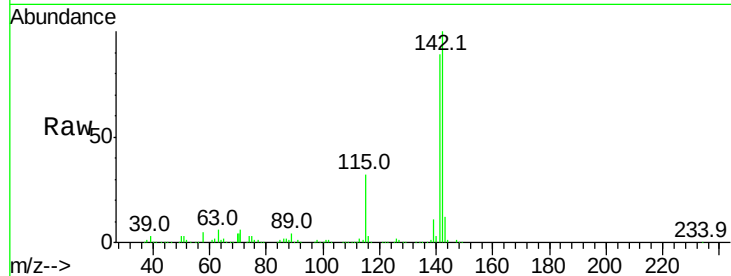
#37
 2-Methylnaphthalene
 Concen: 41.692 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	31.8	26.1	39.1

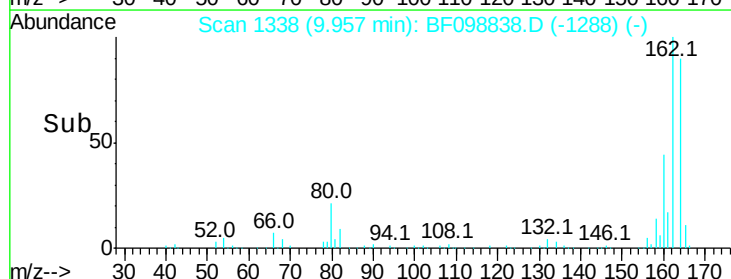
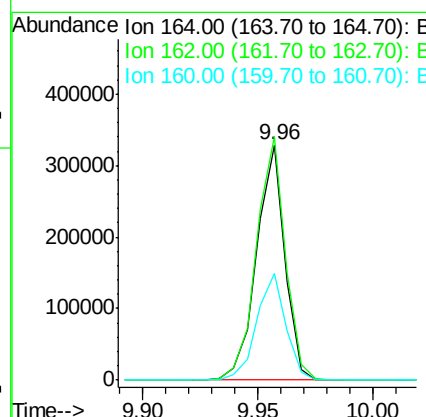
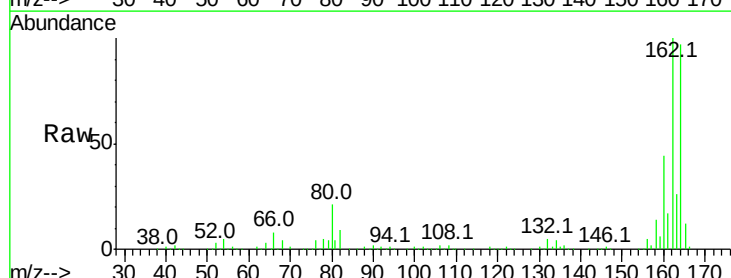
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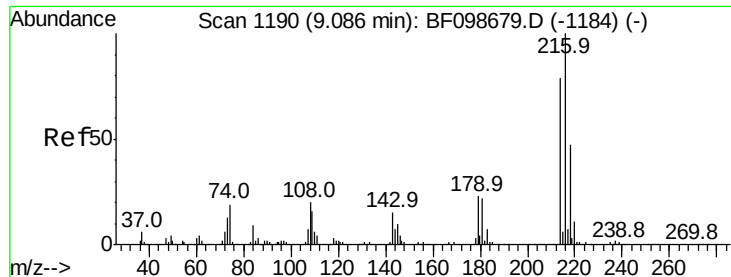
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.3	38.3	57.5





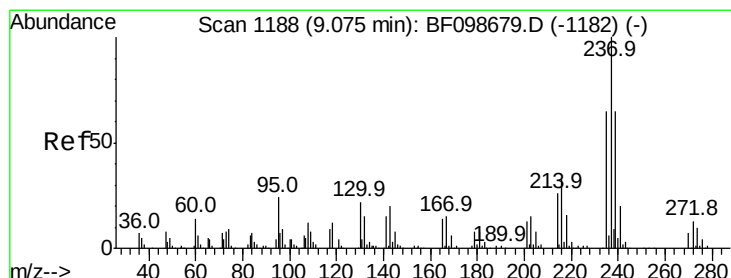
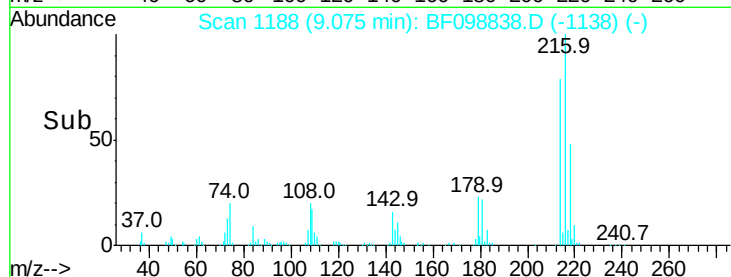
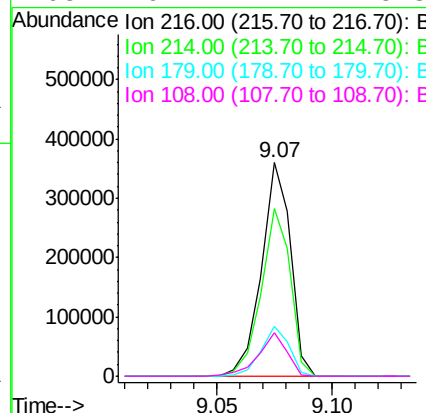
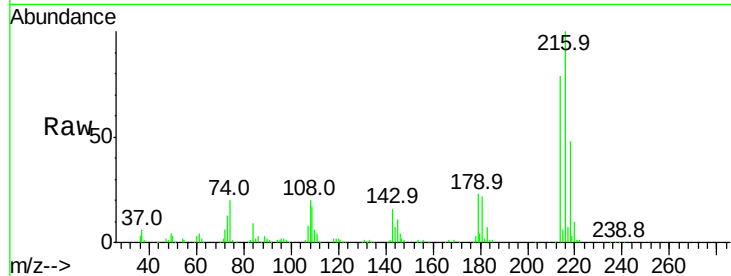
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.628 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	315609		
214	78.7	63.0	94.4	
179	22.7	18.1	27.1	
108	20.1	17.2	25.8	

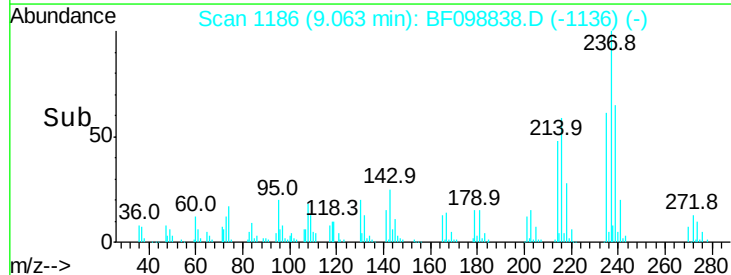
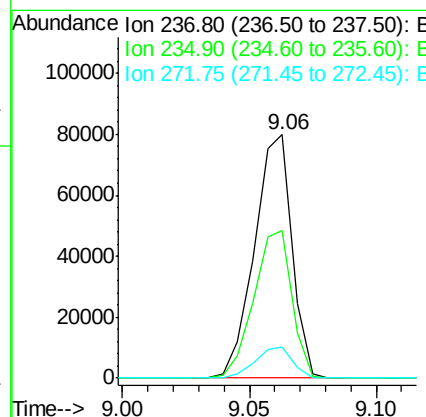
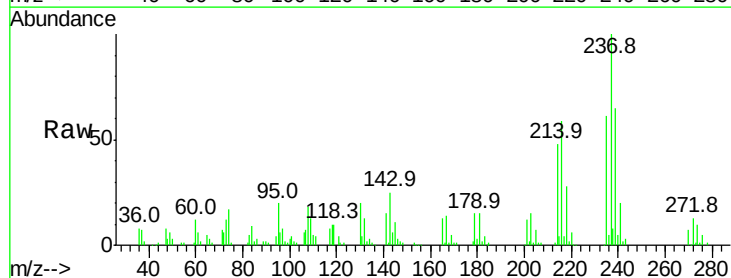
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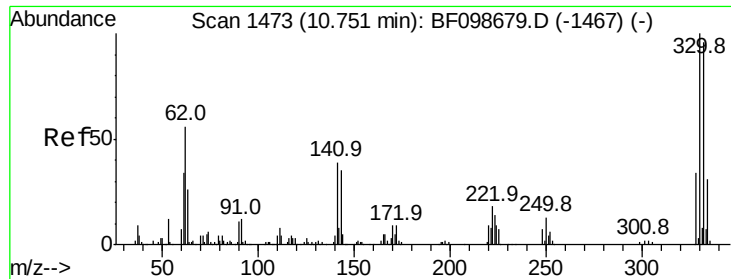
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#40
 Hexachlorocyclopentadiene
 Concen: 21.426 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	82127		
235	60.6	44.8	84.8	
272	12.8	0.0	33.3	





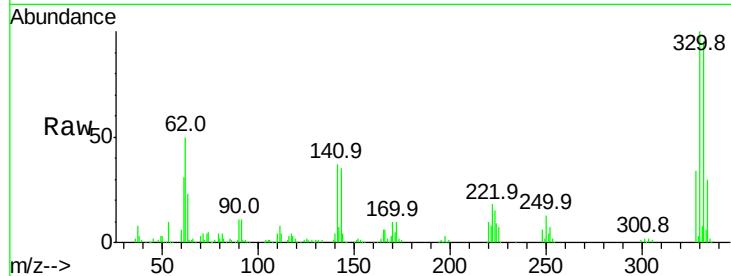
#41
 2,4,6-Tribromophenol
 Concen: 84.264 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

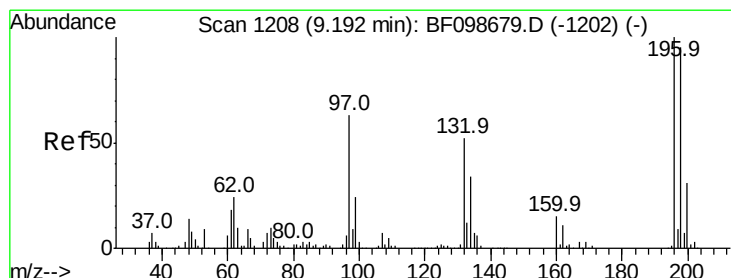
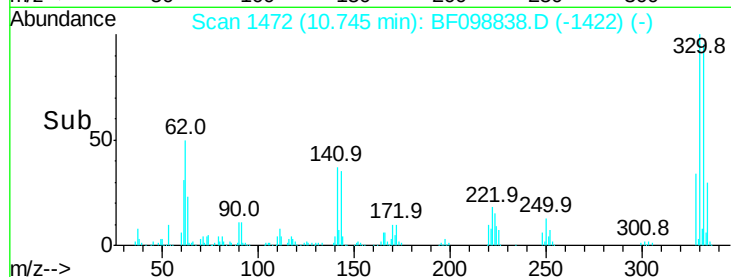
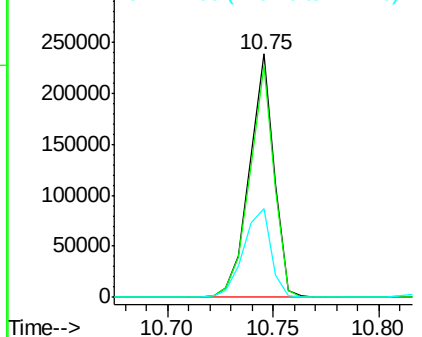
Tot Ion	Ratio	Resp	Lower	Upper
330	100	193923		
332	94.9	77.0	115.6	
141	40.7	29.9	44.9	

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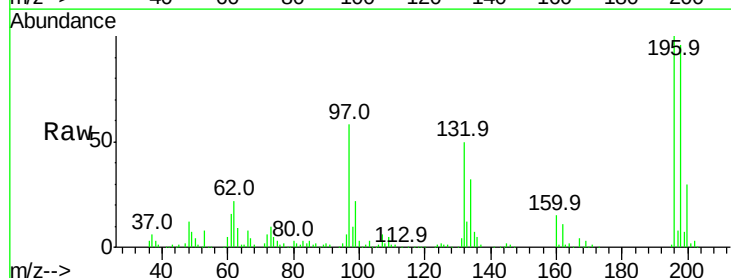


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

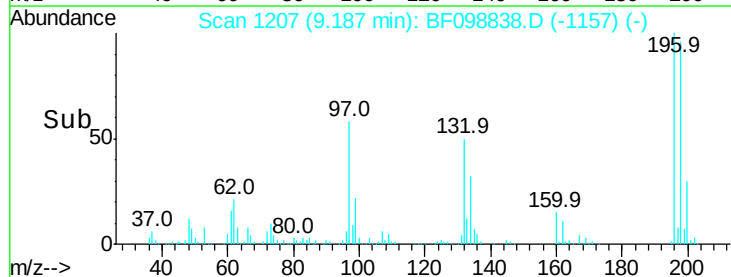
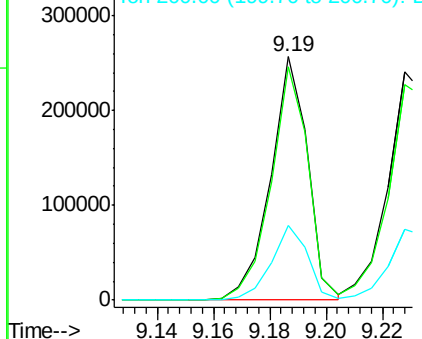


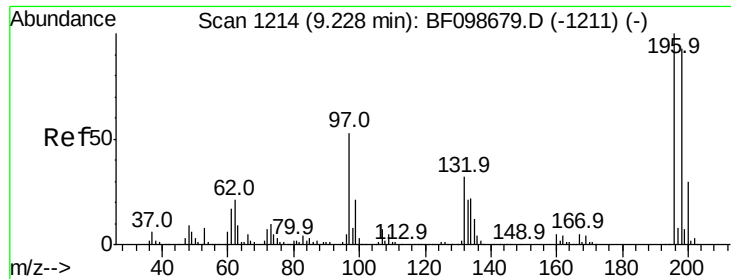
#42
 2,4,6-Trichlorophenol
 Concen: 39.172 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232763		
198	95.7	75.7	113.5	
200	30.4	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





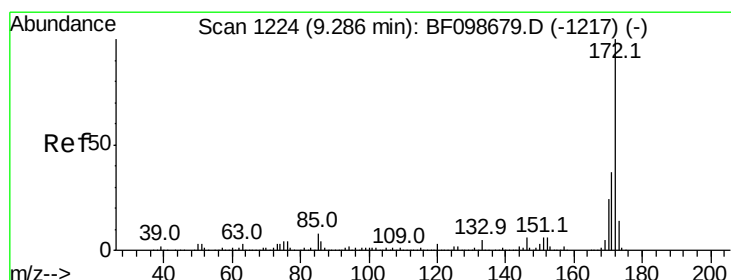
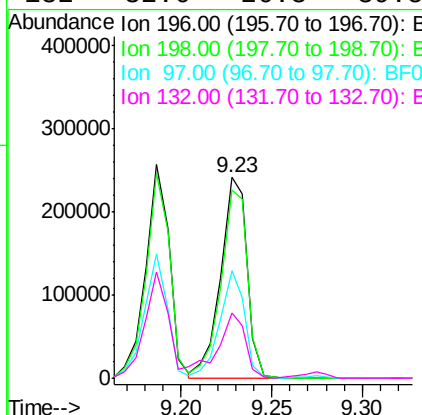
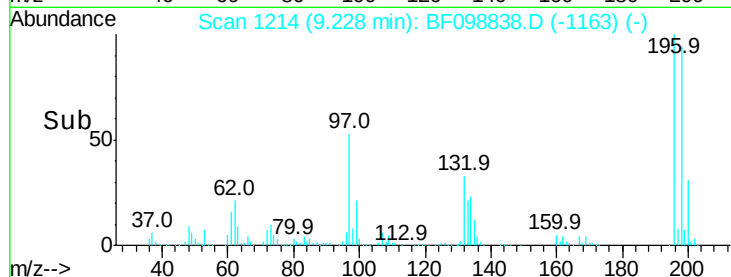
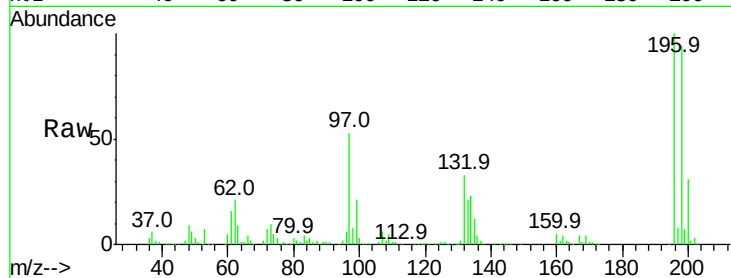
#43
 2,4,5-Trichlorophenol
 Concen: 41.337 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion:	196	Resp:	245194
Ion Ratio		Lower	Upper
196	100		
198	94.1	74.6	112.0
97	53.3	42.9	64.3
132	32.6	26.3	39.5

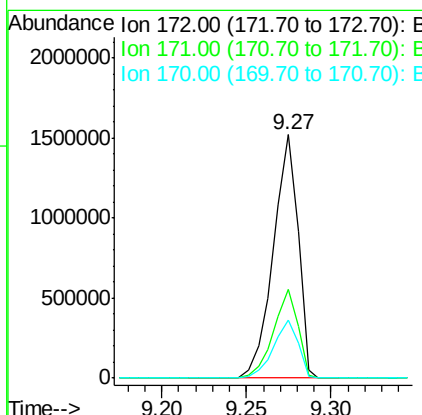
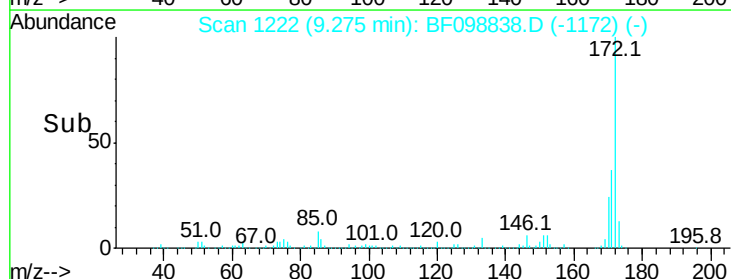
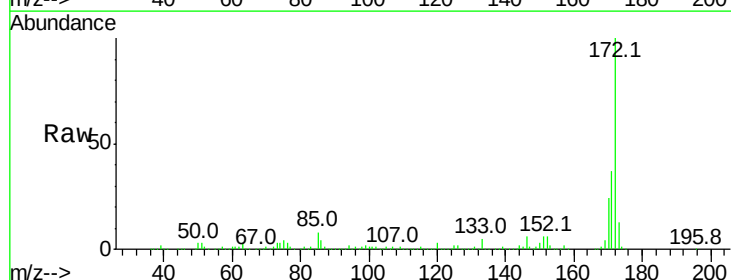
Manual Integrations
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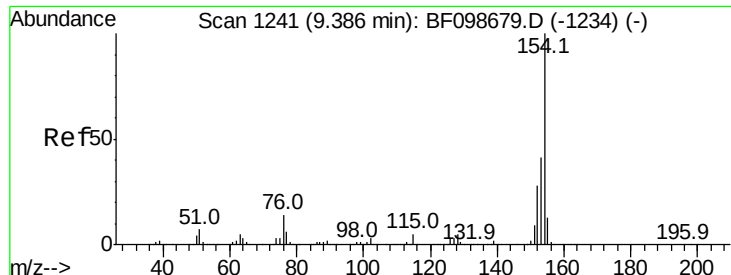
Sohil
 9/27/2017 12:44:59 PM



#44
 2-Fluorobiphenyl
 Concen: 90.536 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion:	172	Resp:	1525269
Ion Ratio		Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.293 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

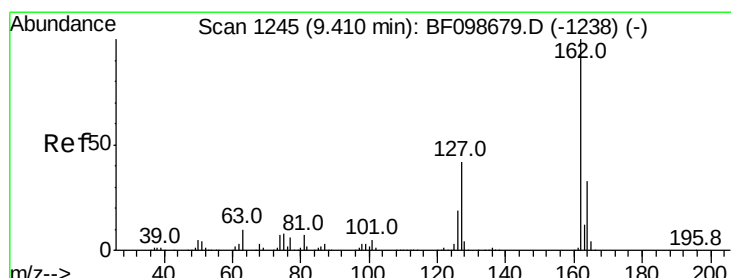
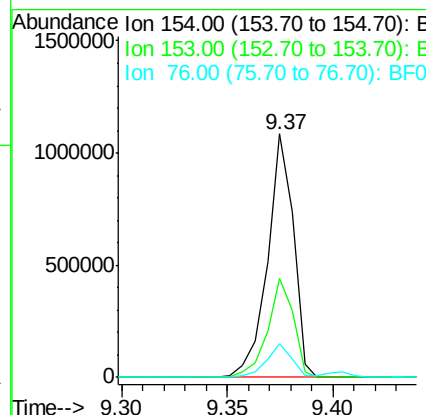
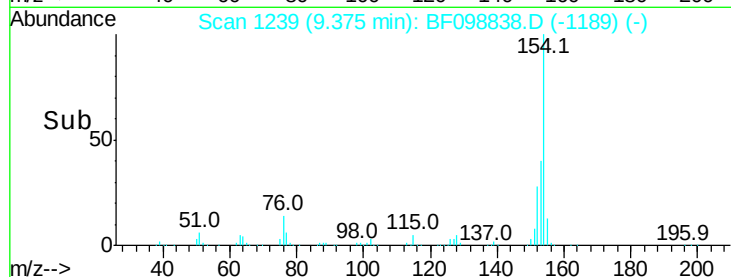
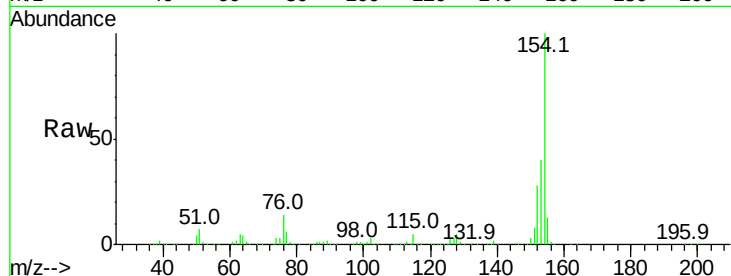
ClientSampleId :

PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.3	61.3	
76	14.0	0.0	34.0	

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 39.690 ng

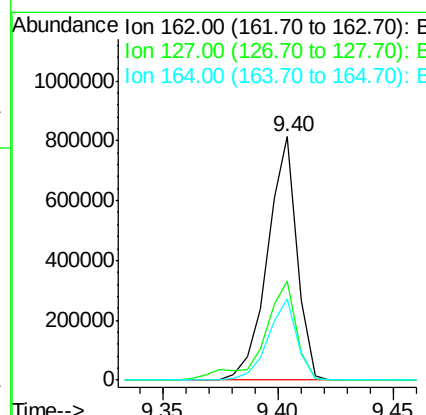
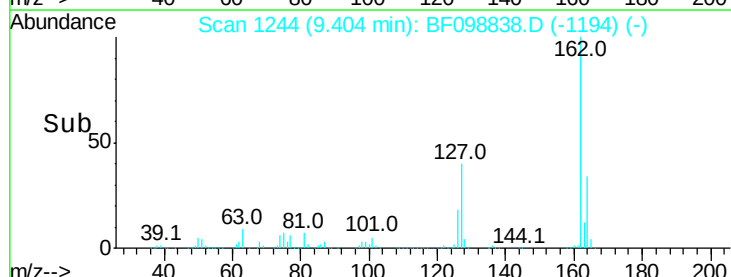
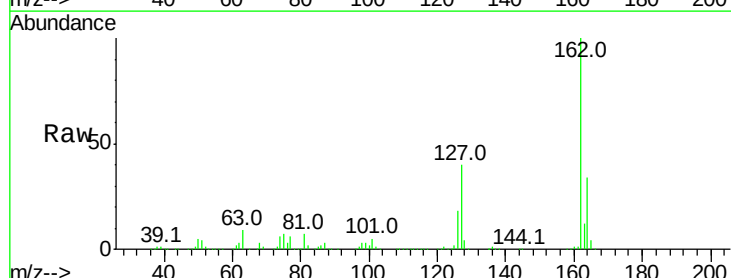
RT: 9.40 min Scan# 1244

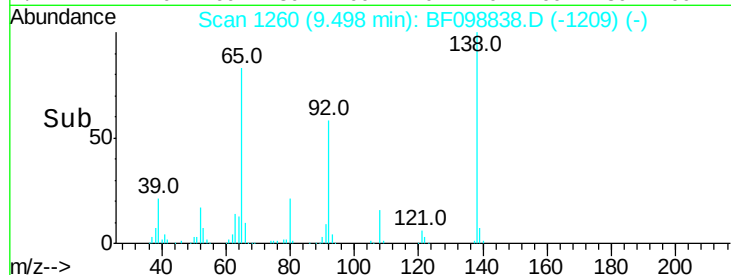
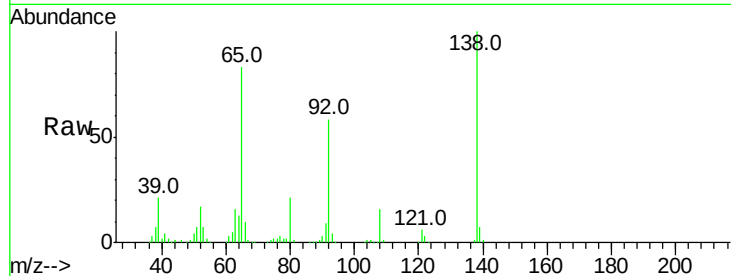
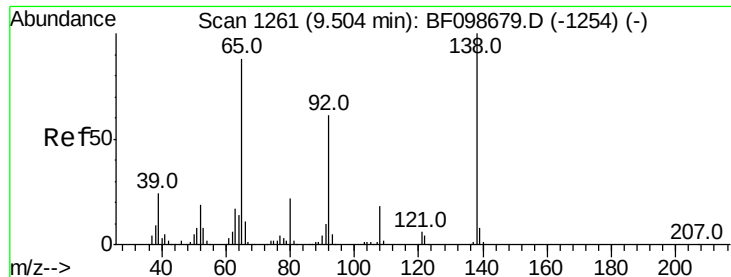
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	33.9	50.9	
164	33.5	26.5	39.7	





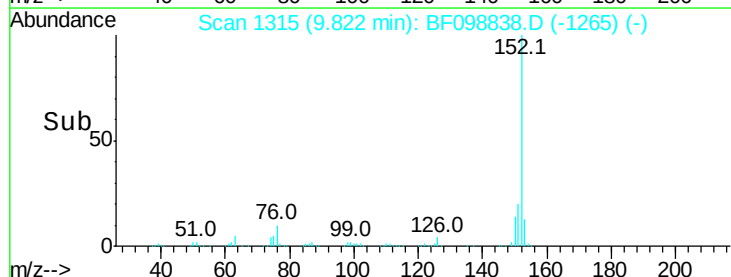
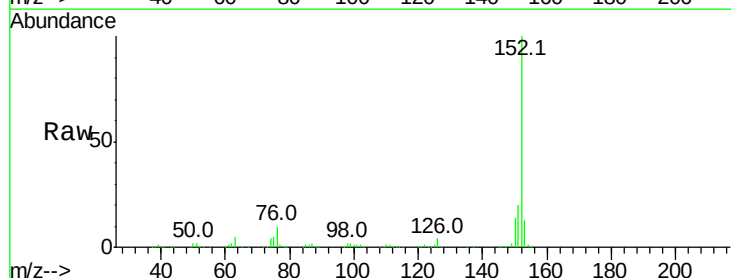
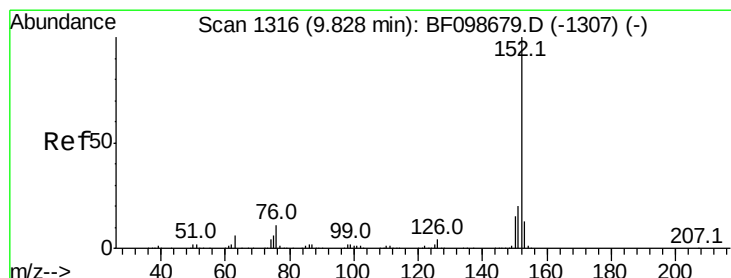
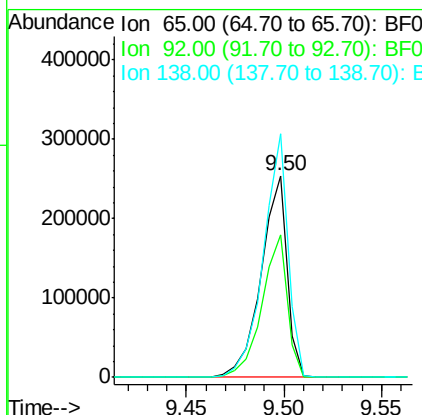
#47
2-Nitroaniline
Concen: 42.099 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.8	83.6
138	120.5	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
PB102610BS

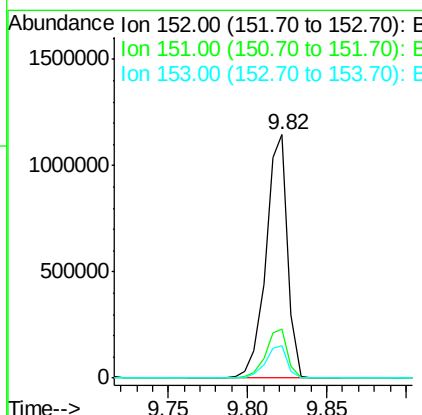
Manual Integrations
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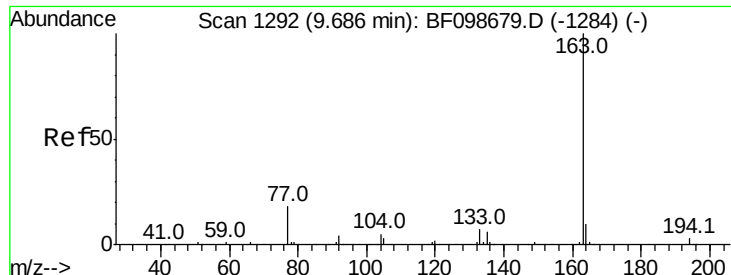
Sohil
9/27/2017 12:44:59 PM



#48
Acenaphthylene
Concen: 39.510 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 41.201 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102610BS

Tot Ion:163 Resp: 874568

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

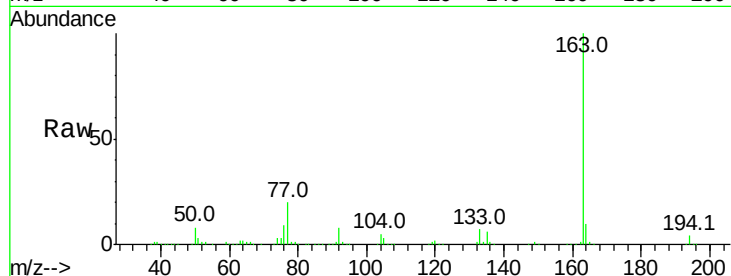
164 10.3 8.2 12.2

Manual Integrations

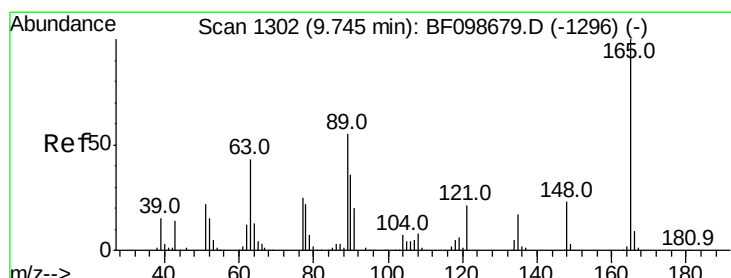
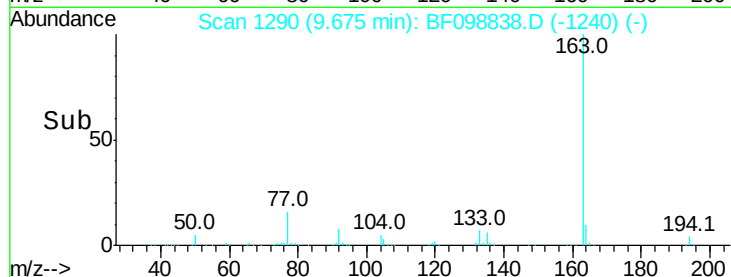
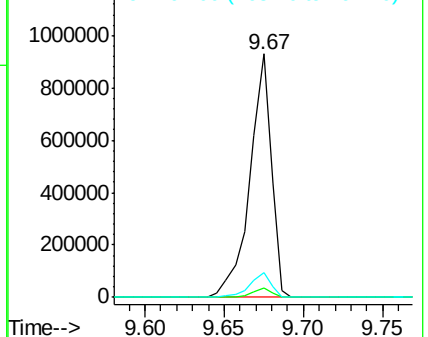
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.852 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

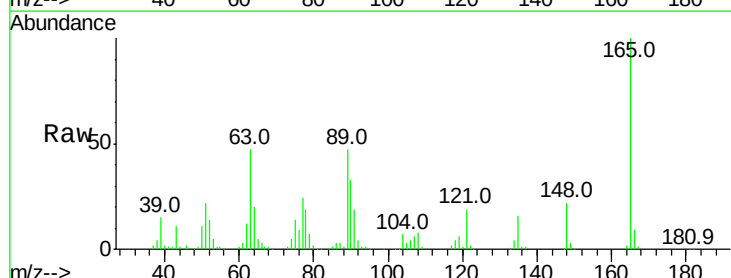
Tgt Ion:165 Resp: 188788

Ion Ratio Lower Upper

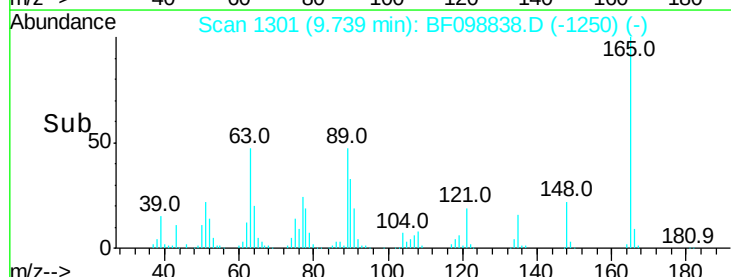
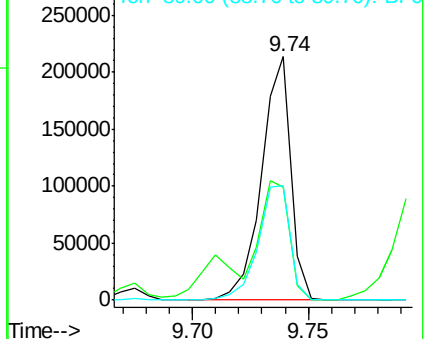
165 100

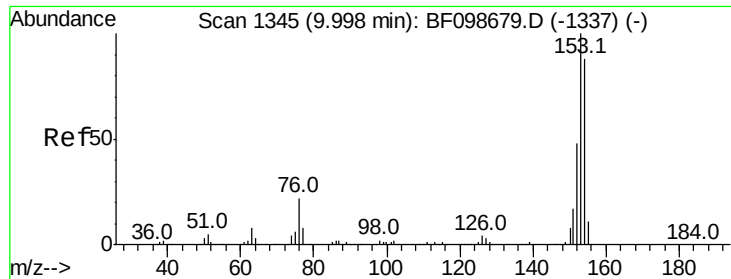
63 46.7 44.7 67.1

89 47.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





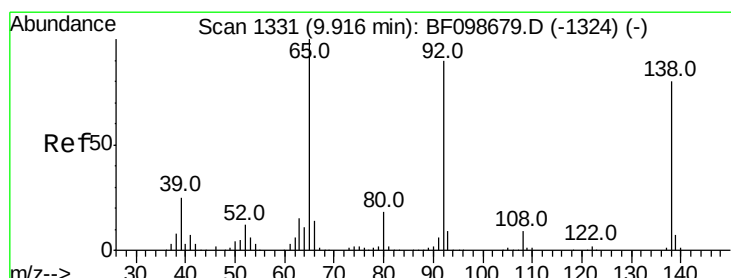
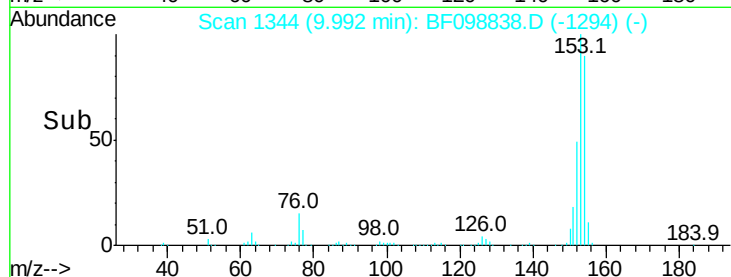
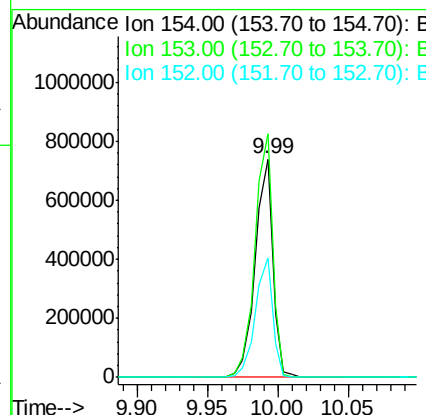
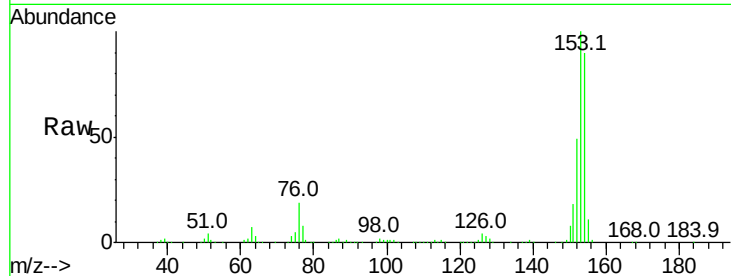
#51
Acenaphthene
Concen: 37.336 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.2	136.8
152	54.6	43.8	65.8

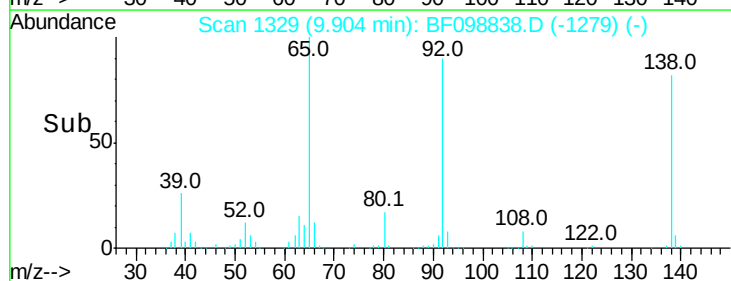
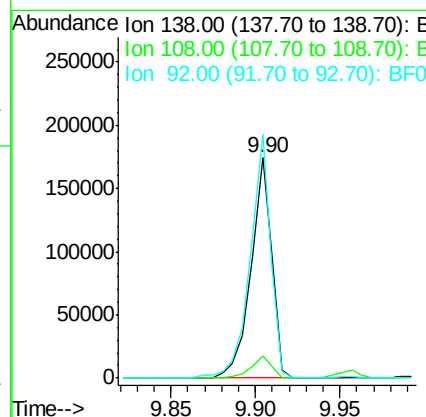
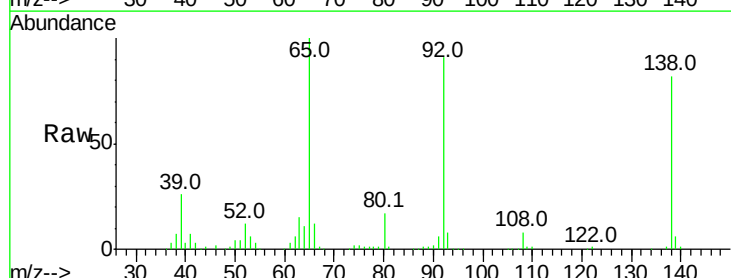
Manual Integrations
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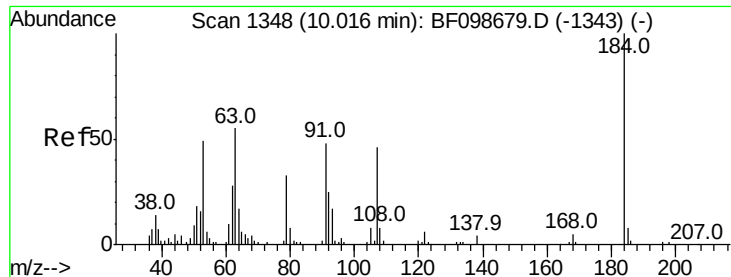
Sohil
9/27/2017 12:44:59 PM



#52
3-Nitroaniline
Concen: 28.005 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	110.5	89.4	134.2





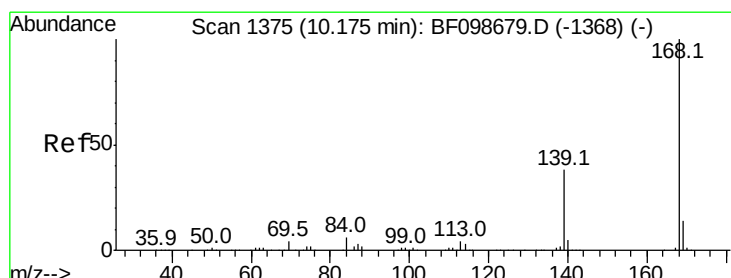
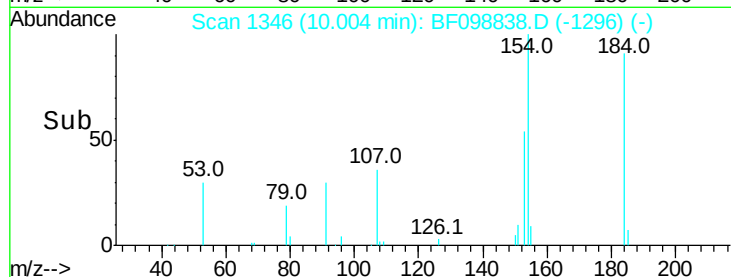
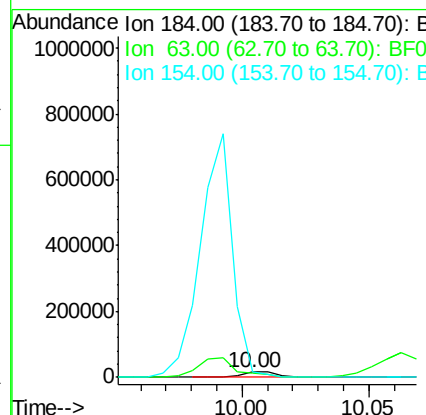
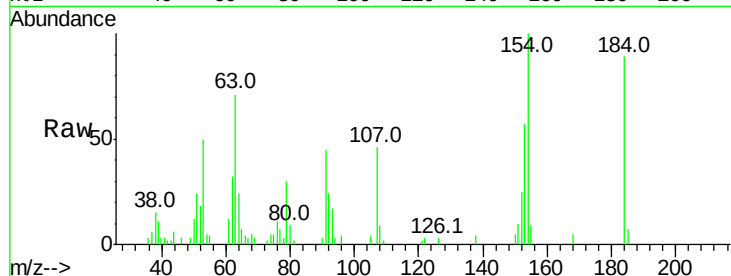
#53
2,4-Dinitrophenol
Concen: 11.672 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	79.6	54.2	81.2	
154	112.8	53.5	80.3	

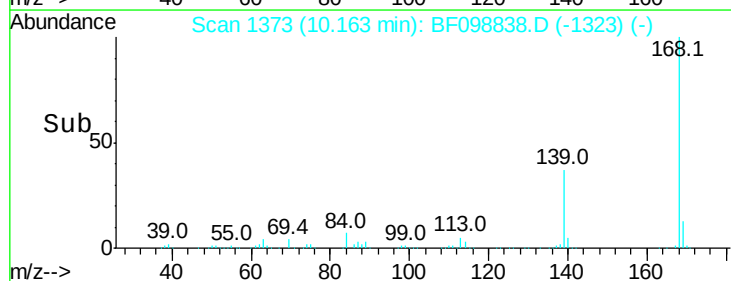
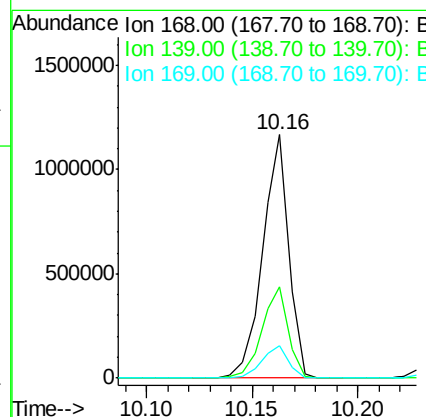
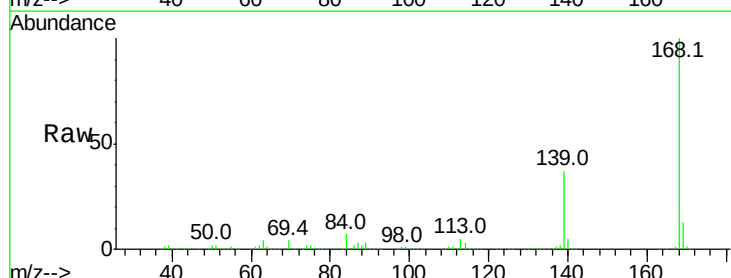
Manual Integrations
APPROVED

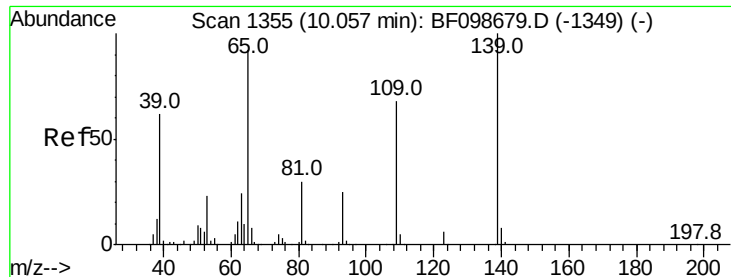
Sohil
9/27/2017 12:44:59 PM



#54
Dibenzofuran
Concen: 42.636 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	30.1	45.1	
169	13.4	10.9	16.3	





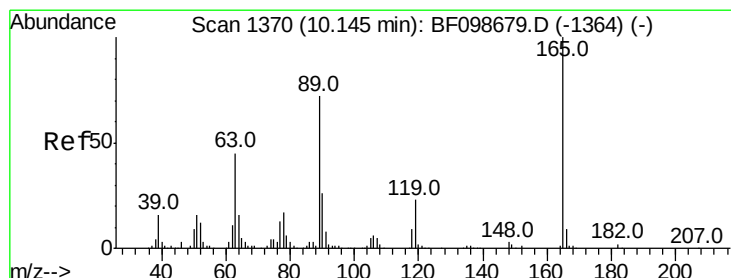
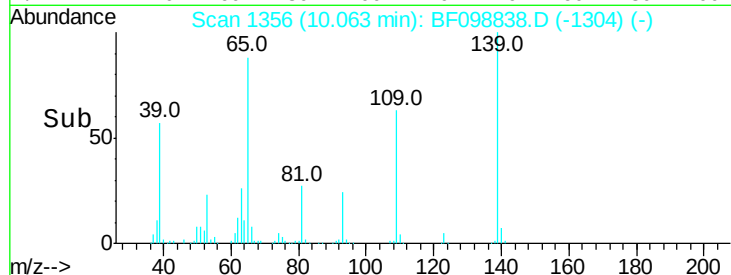
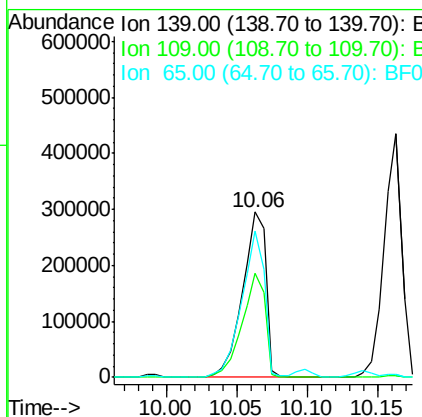
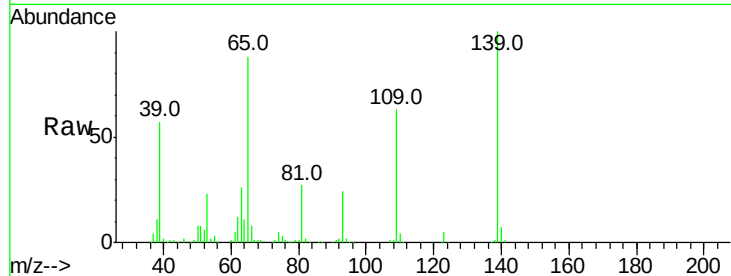
#55
4-Nitrophenol
Concen: 74.644 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.2	48.4	88.4	
65	88.5	72.6	112.6	

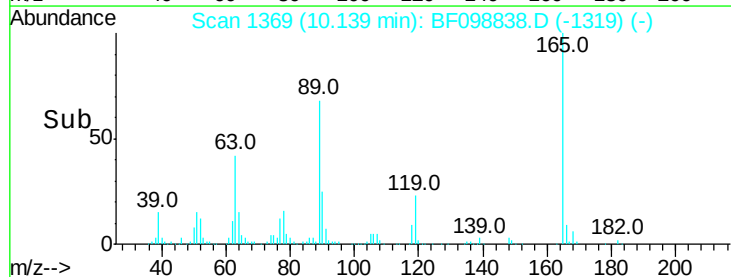
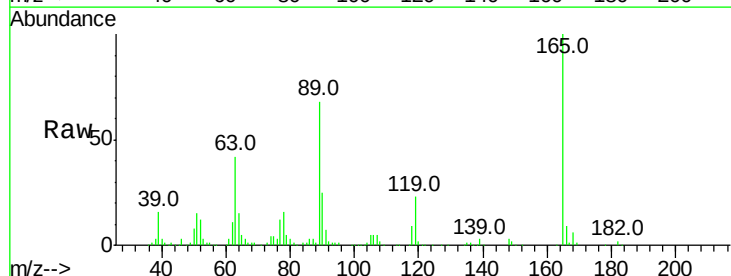
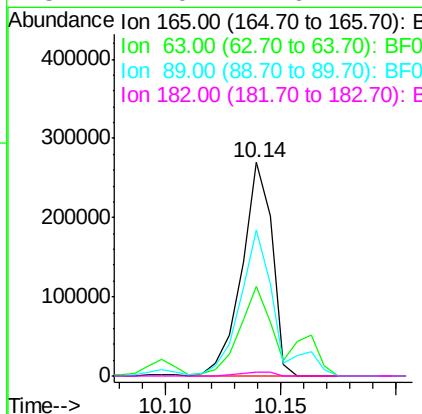
Manual Integrations
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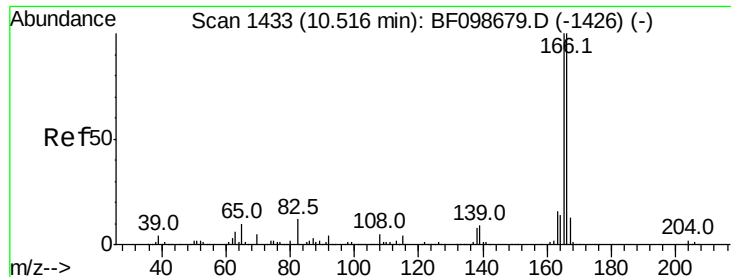
Sohil
9/27/2017 12:44:59 PM



#56
2,4-Dinitrotoluene
Concen: 41.306 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.9	36.4	54.6	
89	68.4	57.8	86.6	
182	2.0	1.6	2.4	





#57

Fluorene

Concen: 39.985 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

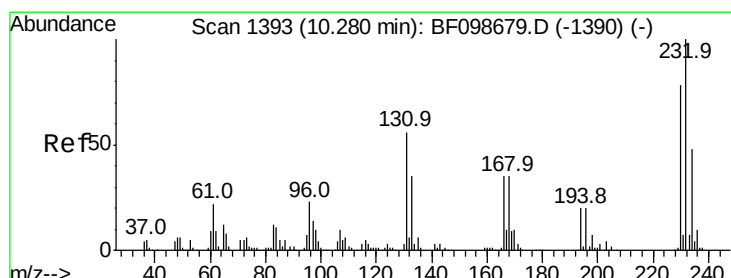
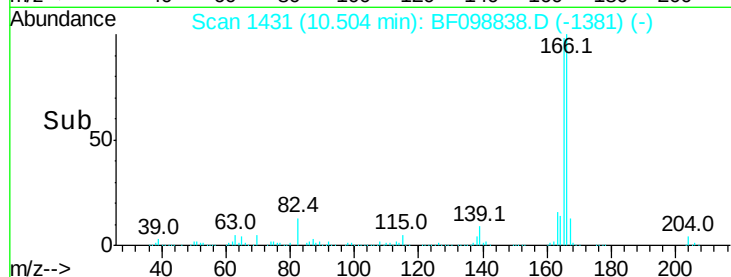
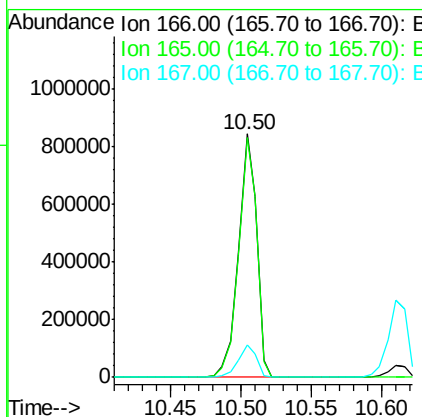
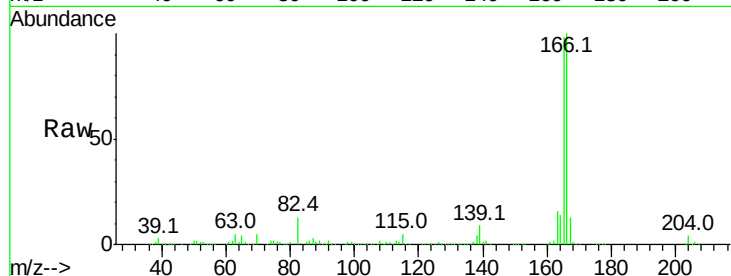
ClientSampled :

PB102610BS

Tot Ion:	166	Resp:	753062
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.747 ng

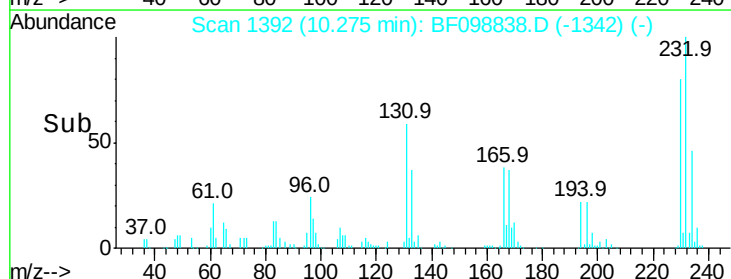
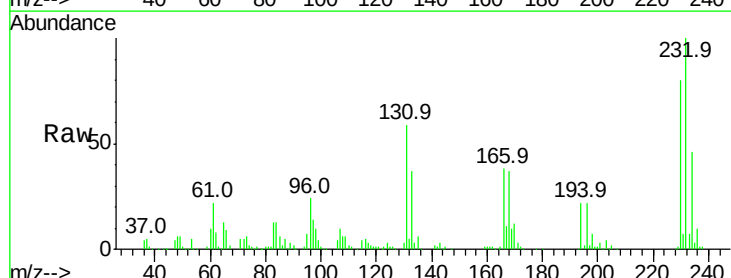
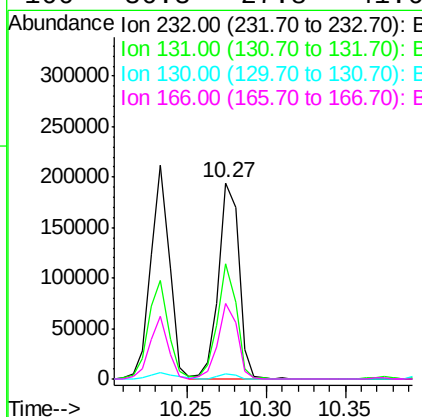
RT: 10.27 min Scan# 1392

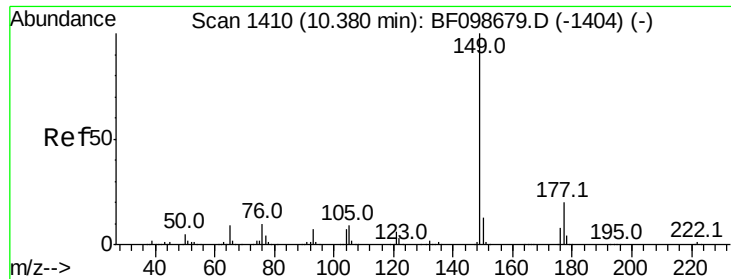
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	232	Resp:	175156
Ion Ratio	Lower	Upper	
232	100		
131	54.9	43.8	65.8
130	2.7	2.1	3.1
166	36.3	27.8	41.6





#59

Diethylphthalate

Concen: 41.103 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

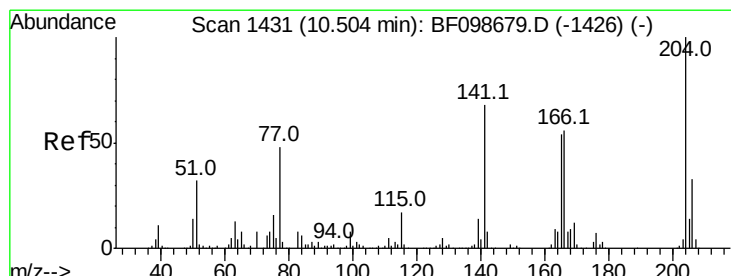
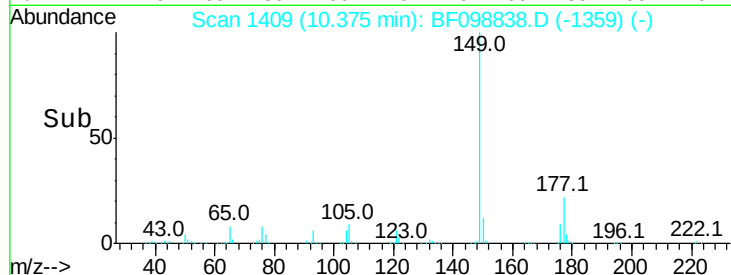
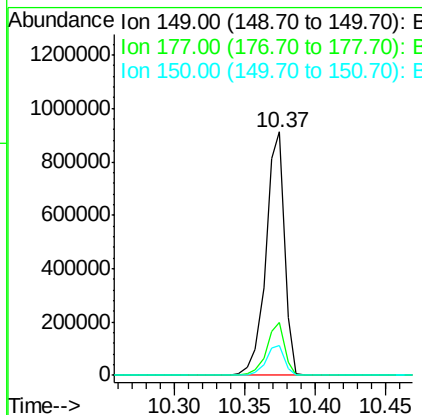
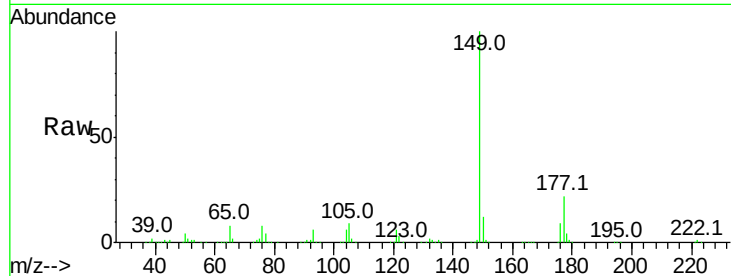
ClientSampleId :

PB102610BS

Tot Ion:	149	Resp:	852548
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.1	24.1
150	12.2	10.1	15.1

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 40.807 ng

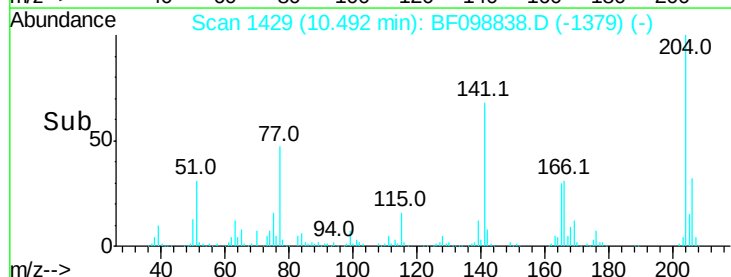
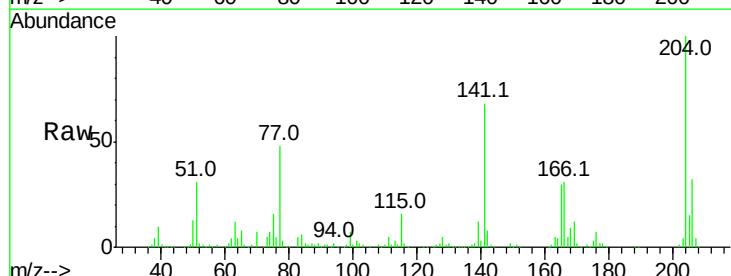
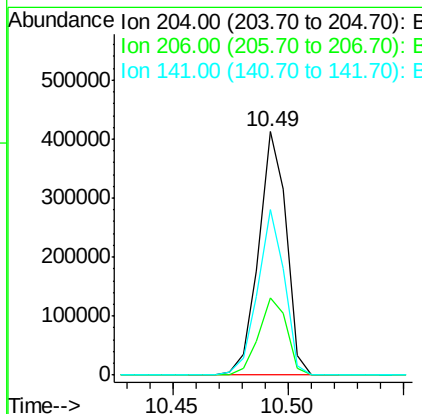
RT: 10.49 min Scan# 1429

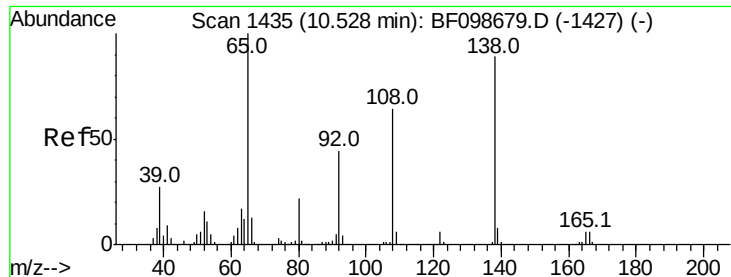
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	204	Resp:	345227
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.5	39.7
141	68.0	54.6	81.8





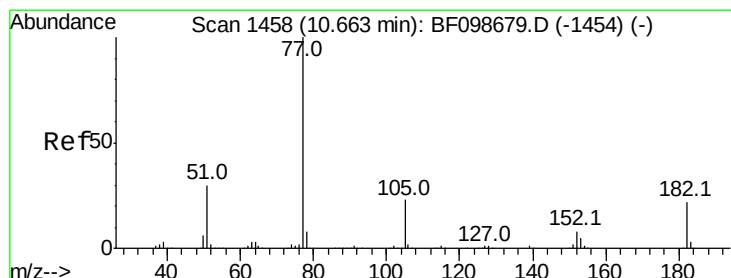
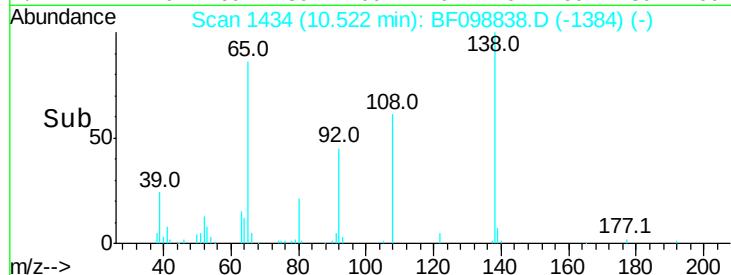
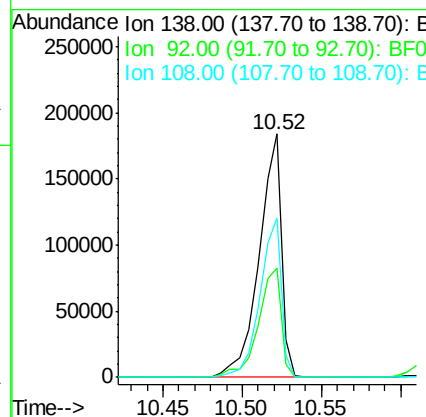
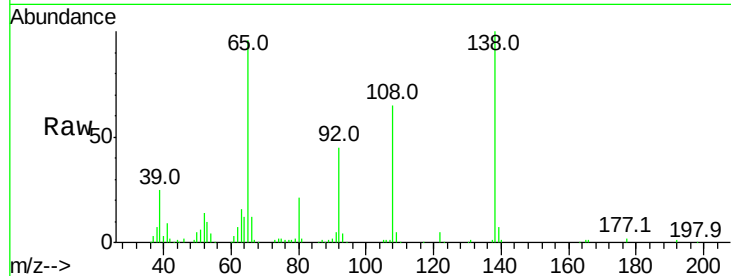
#61
4-Nitroaniline
Concen: 34.743 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	180613		
92	44.7	30.2	70.2	
108	65.1	52.5	92.5	

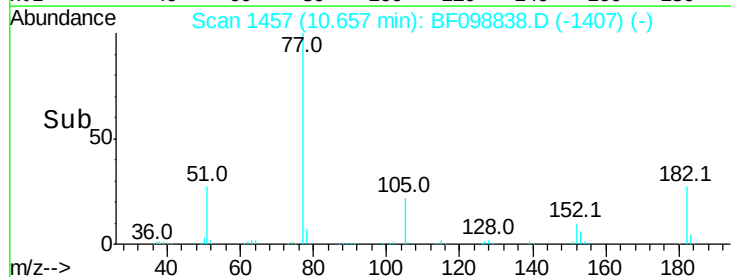
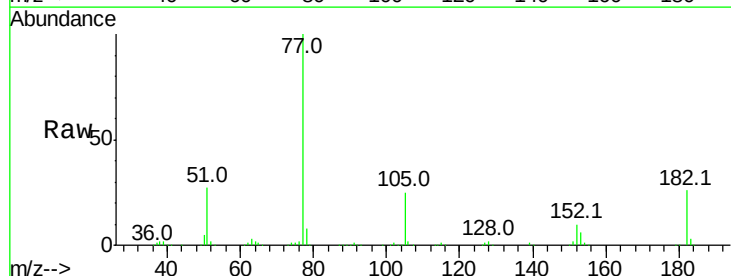
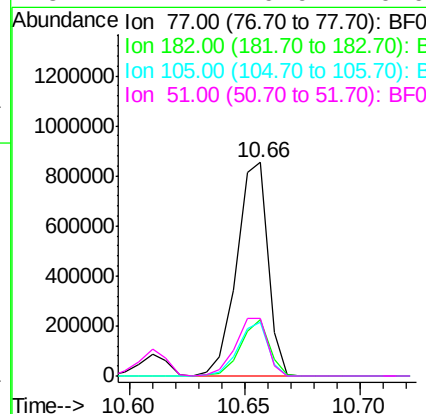
Manual Integrations
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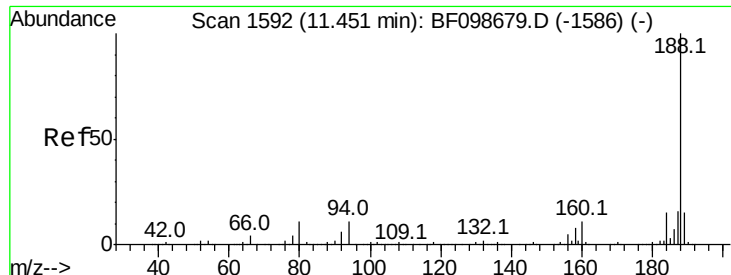
Sohil
9/27/2017 12:44:59 PM



#62
Azobenzene
Concen: 42.279 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	806324		
182	26.3	1.7	41.7	
105	25.1	3.0	43.0	
51	27.2	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

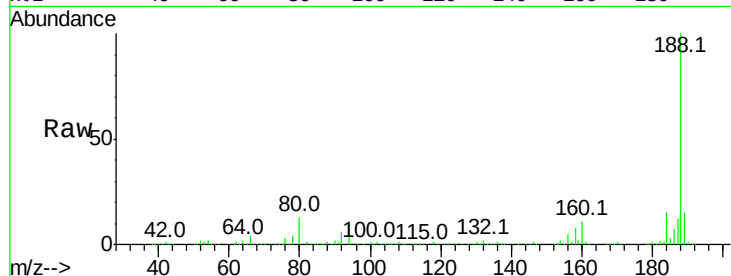
ClientSampleId :

PB102610BS

Tot Ion:	188	Resp:	457786
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	13.4	9.2	13.8

Manual Integrations
APPROVED

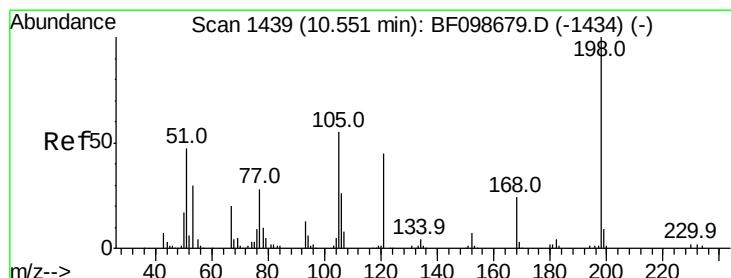
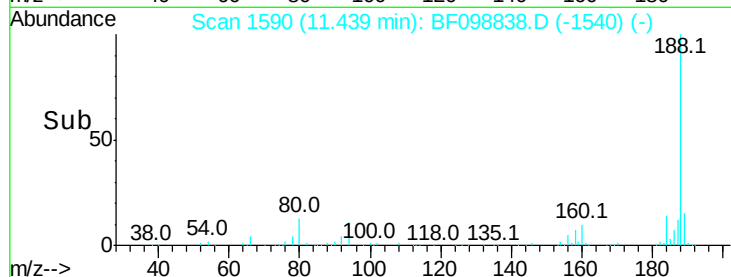
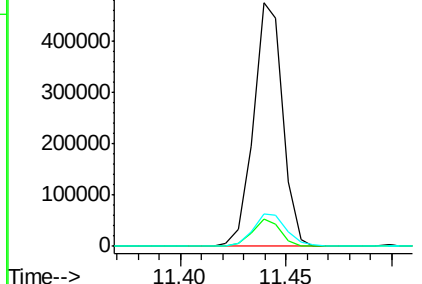
Sohil
9/27/2017 12:44:59 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 5.303 ng

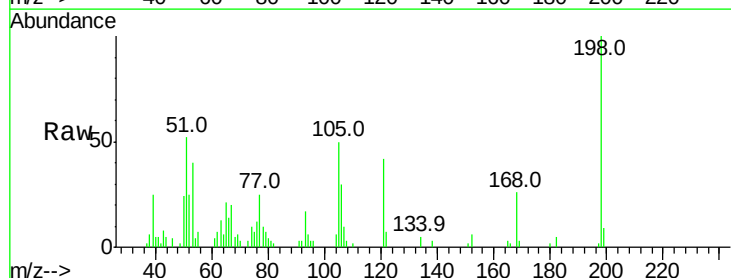
RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

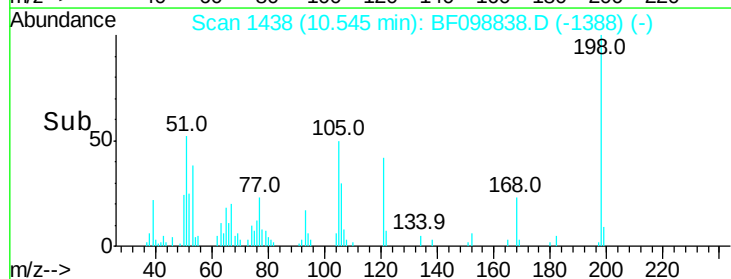
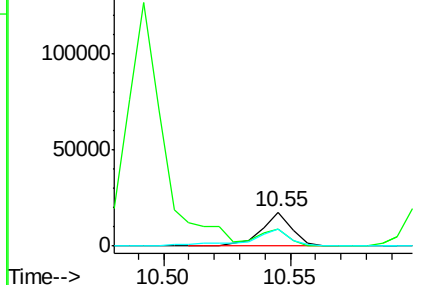
Tgt Ion:	198	Resp:	14769
Ion Ratio	Lower	Upper	
198	100		
51	51.7	37.7	77.7
105	49.5	36.3	76.3

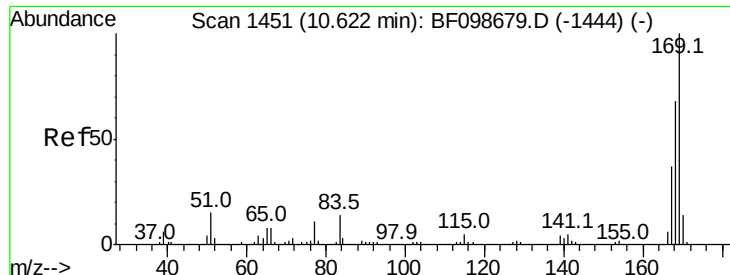


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





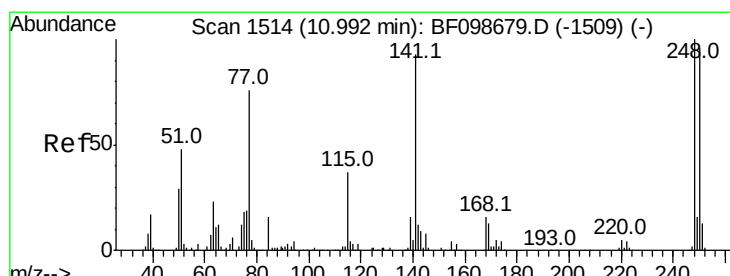
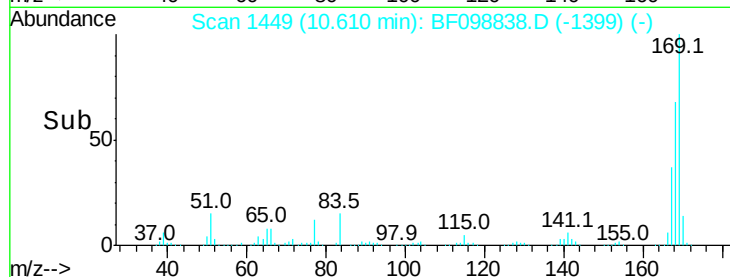
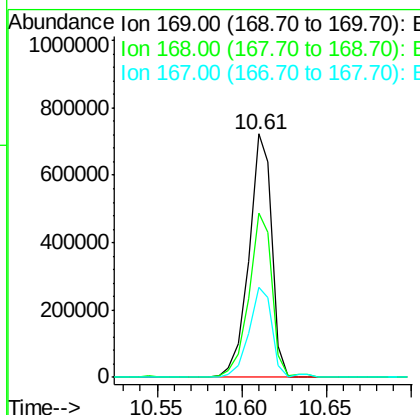
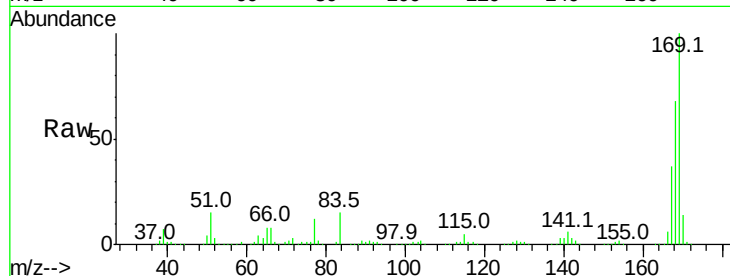
#65
 n-Nitrosodiphenylamine
 Concen: 43.267 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	686183		
168	67.6		54.4	81.6
167	36.9		29.8	44.6

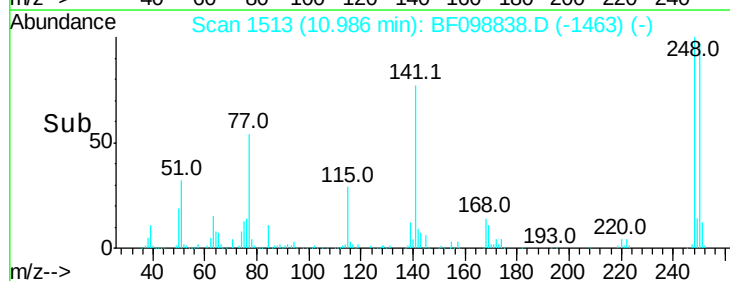
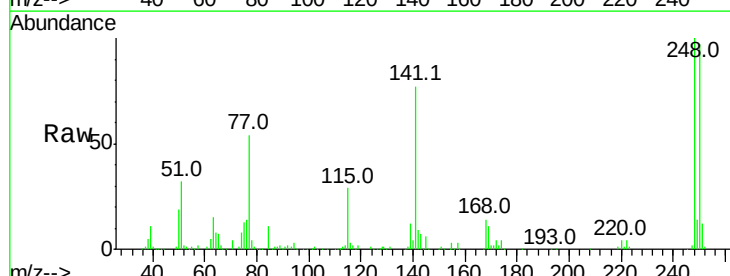
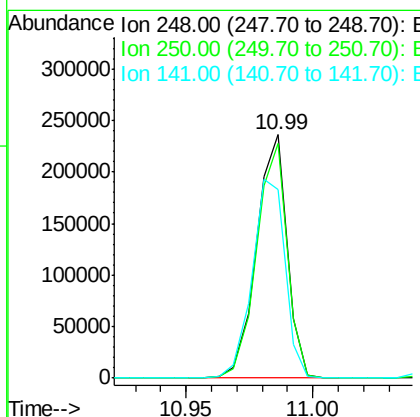
Manual Integrations
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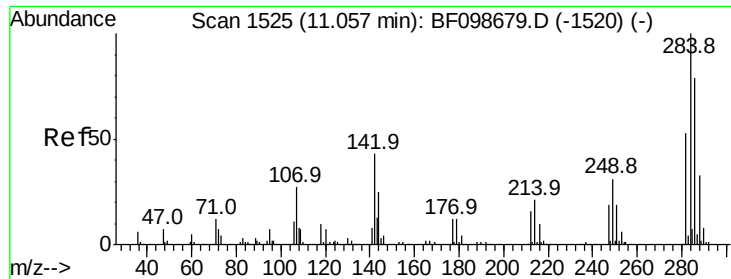
Sohil
 9/27/2017 12:44:59 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.619 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199937		
250	96.6		76.9	115.3
141	77.3		74.4	111.6





#67

Hexachlorobenzene

Concen: 40.500 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

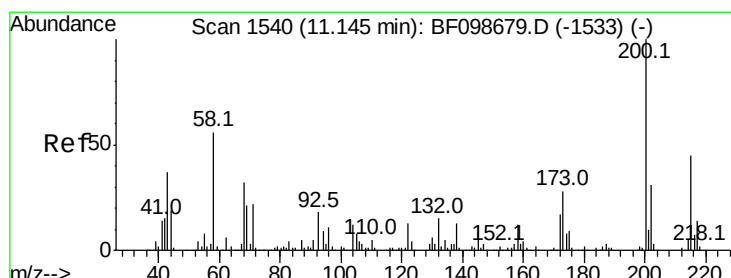
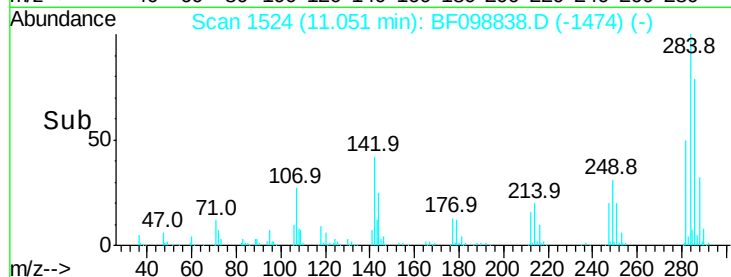
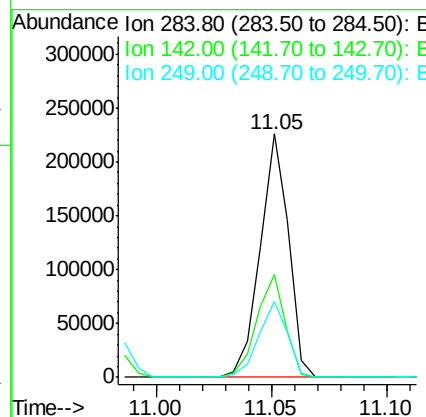
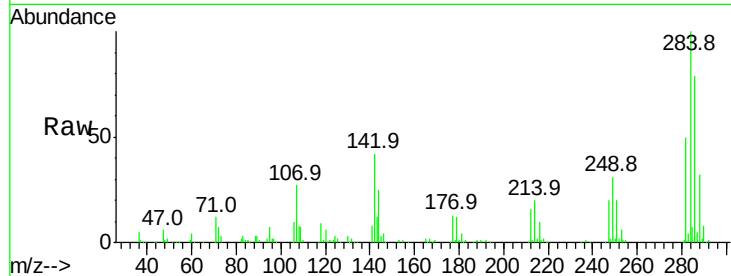
ClientSampleId :

PB102610BS

Tot Ion:	284	Resp:	193829
Ion Ratio		Lower	Upper
284	100		
142	42.2	34.6	52.0
249	31.0	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 43.713 ng

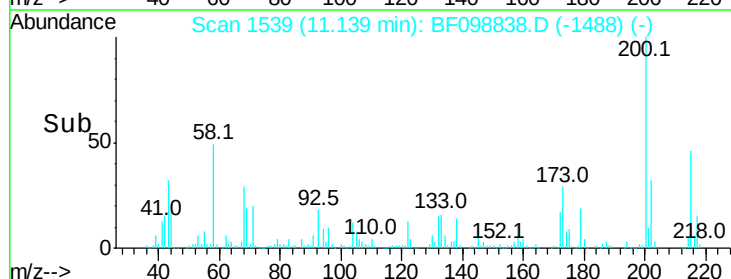
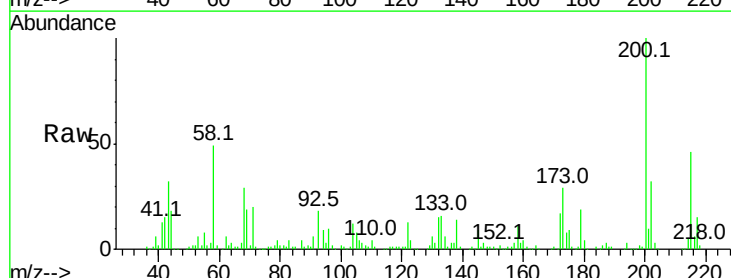
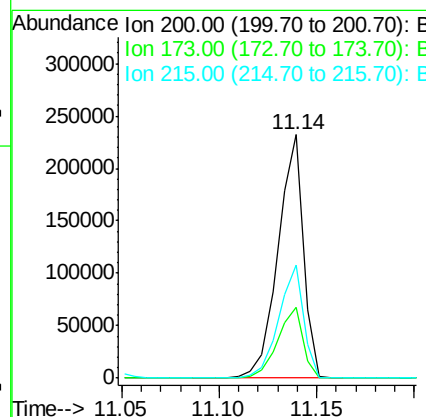
RT: 11.14 min Scan# 1539

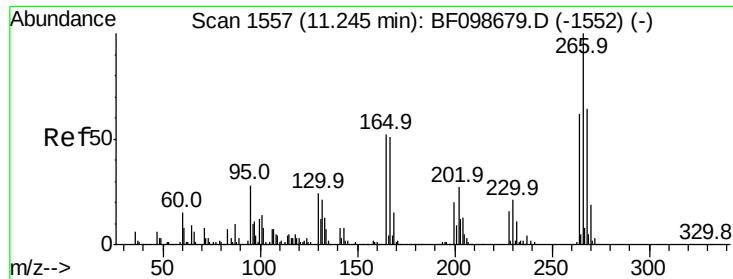
Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	200	Resp:	208576
Ion Ratio		Lower	Upper
200	100		
173	28.9	8.6	48.6
215	46.4	25.1	65.1





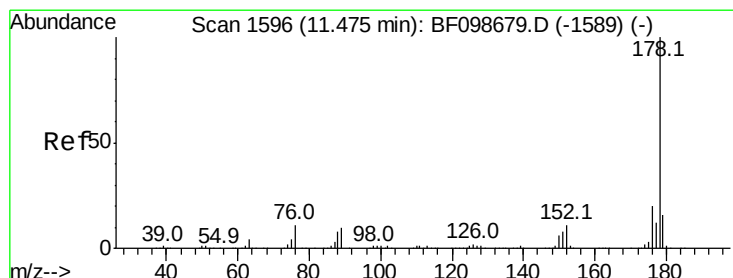
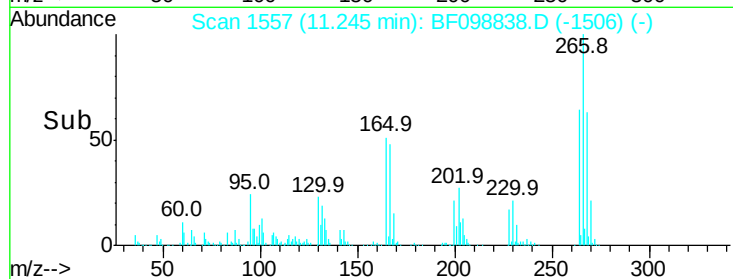
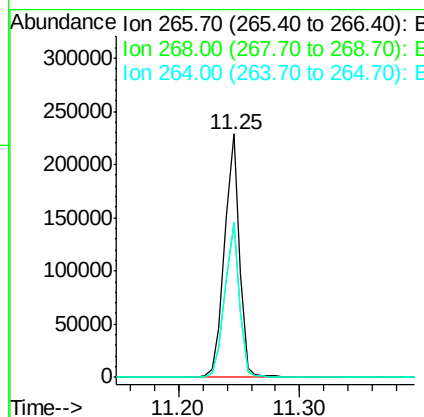
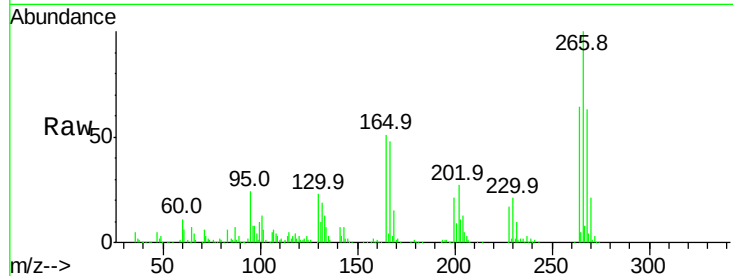
#69
 Pentachlorophenol
 Concen: 65.513 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	195134		
268	63.1	51.1	76.7	
264	63.6	49.5	74.3	

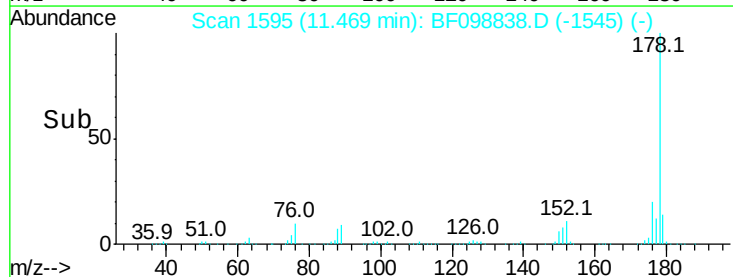
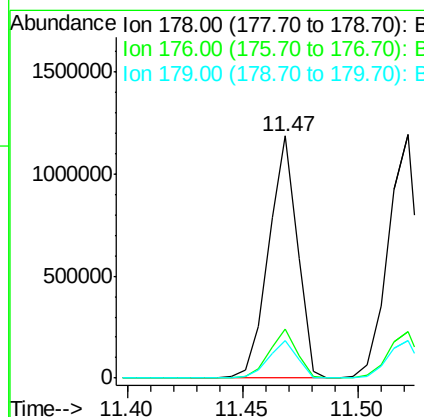
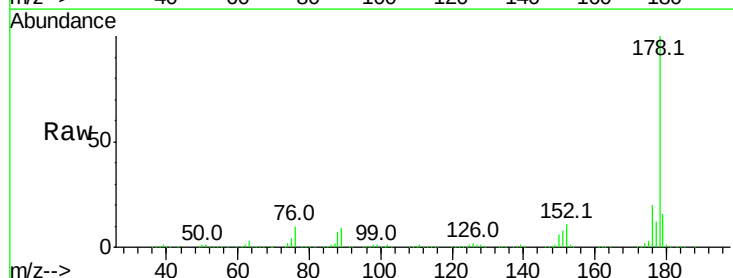
Manual Integrations
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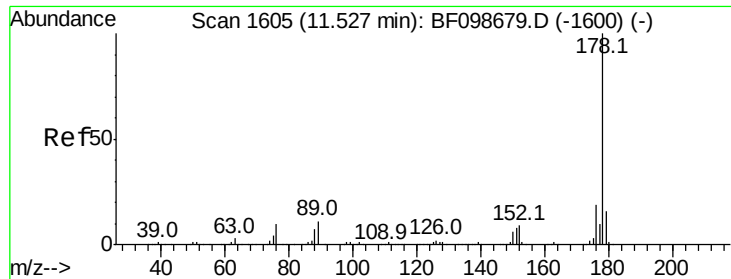
Sohil
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#70
 Phenanthrene
 Concen: 41.752 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1023100		
176	20.1	15.8	23.8	
179	15.7	13.0	19.6	





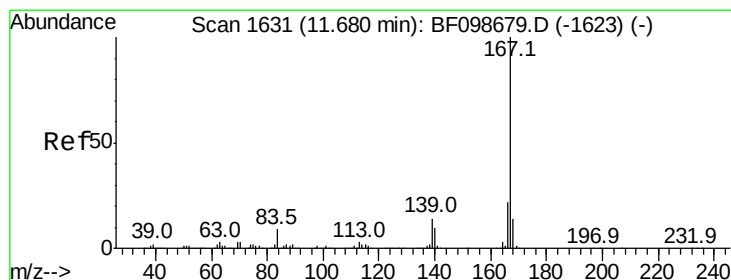
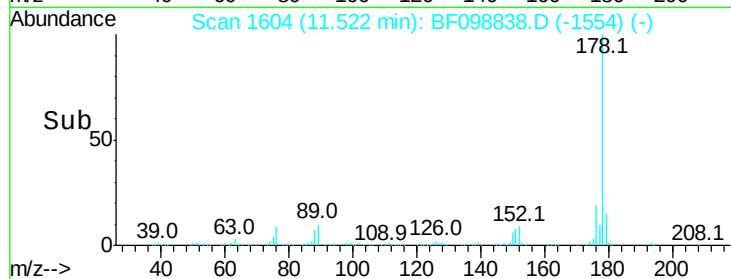
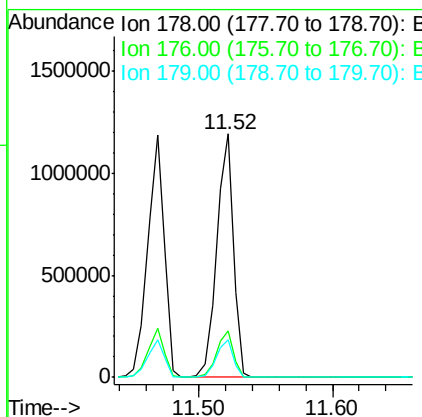
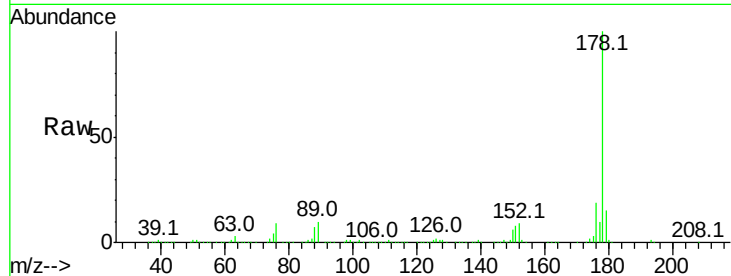
#71
 Anthracene
 Concen: 42.101 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion:178 Resp: 1055576
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0

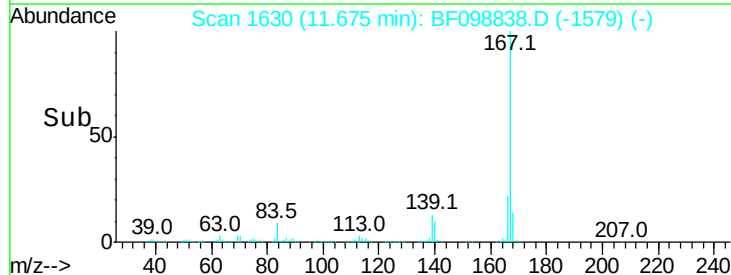
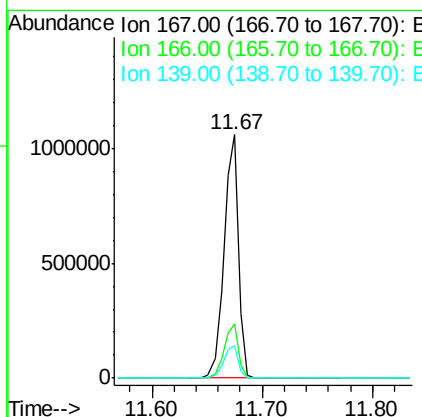
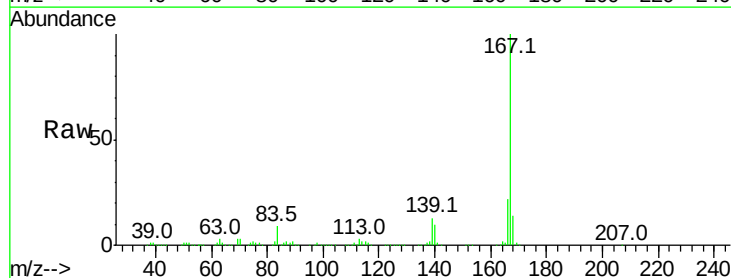
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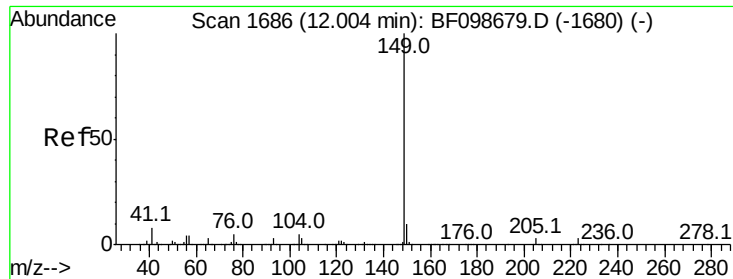
Sohil
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#72
 Carbazole
 Concen: 39.069 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion:167 Resp: 959256
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.848 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

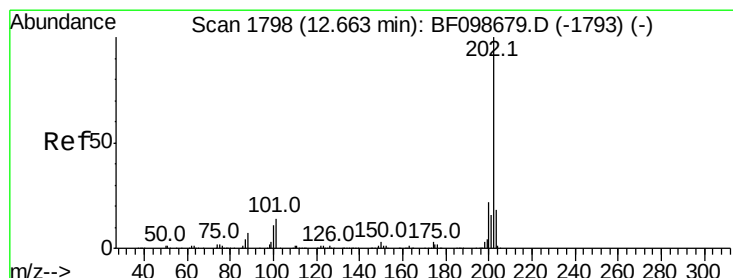
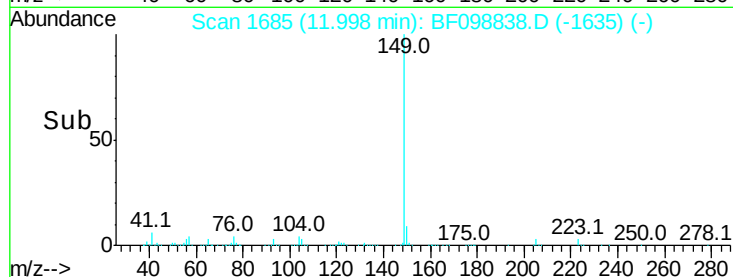
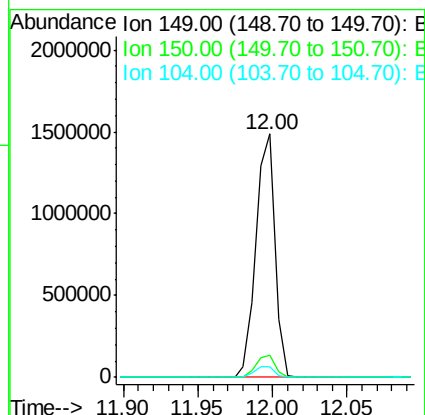
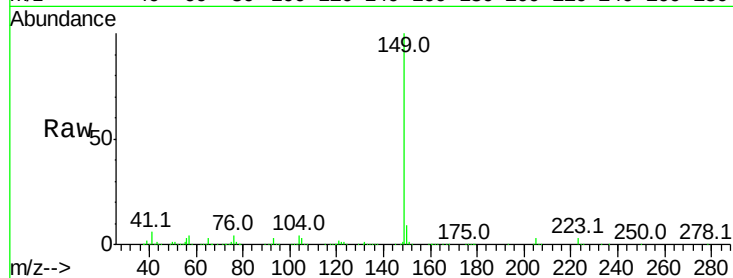
ClientSampleId :

PB102610BS

Tot Ion:	149	Resp:	1295858
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 36.973 ng

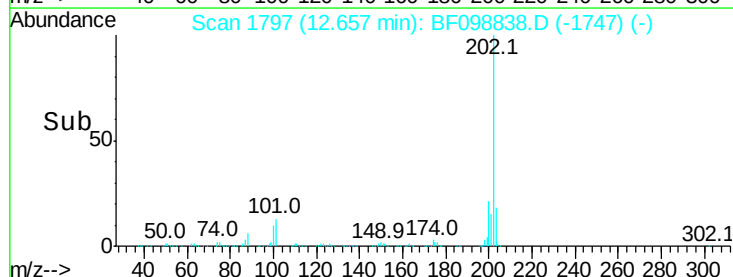
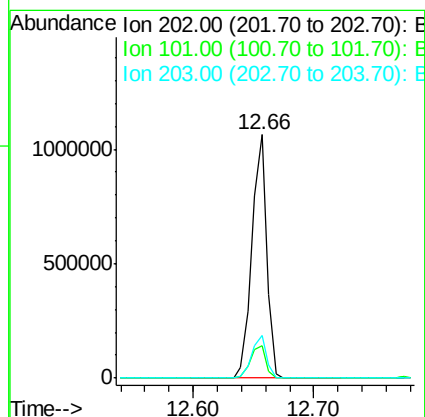
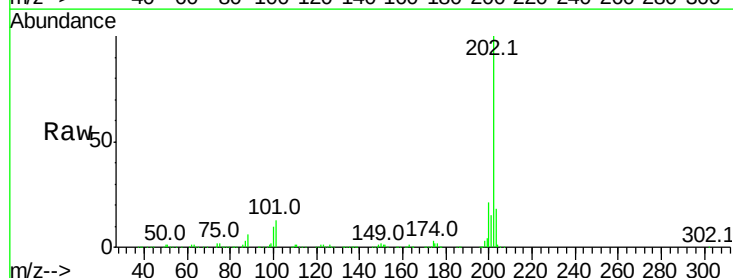
RT: 12.66 min Scan# 1797

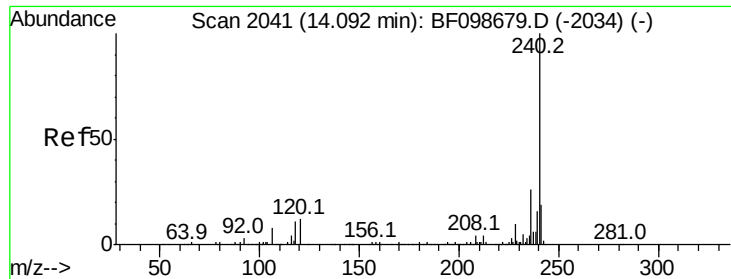
Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	202	Resp:	917408
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

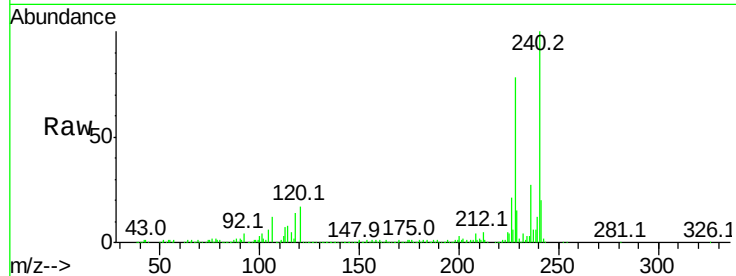
ClientSampleId :

PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.1	9.5	14.3#	
236	26.5	20.7	31.1	

Manual Integrations
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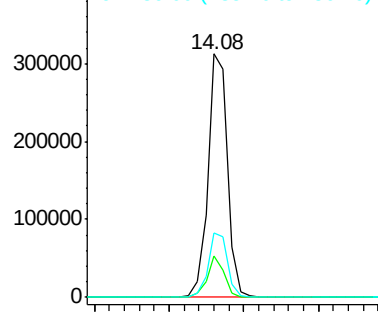


Abundance

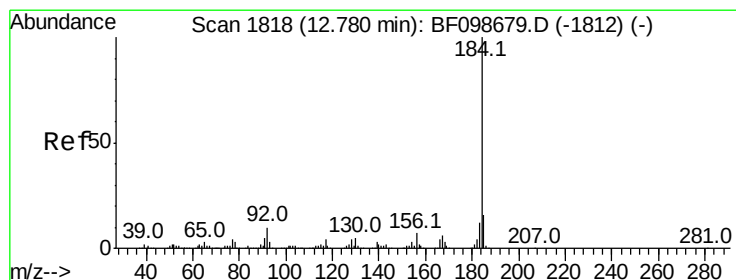
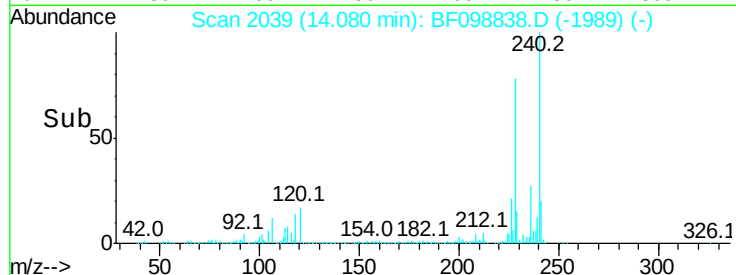
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.05 14.10 14.15



#76

Benzidine

Concen: 63.011 ng

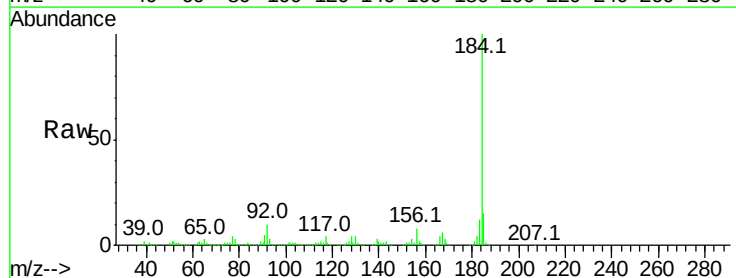
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.6	18.8	
183	12.4	9.3	13.9	

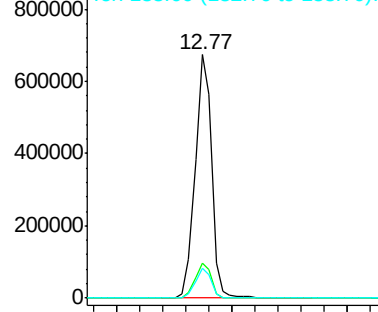


Abundance

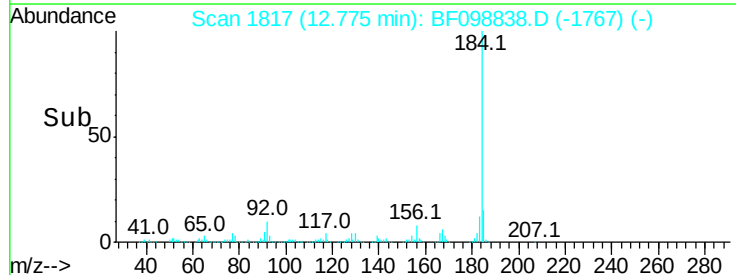
Ion 184.00 (183.70 to 184.70): E

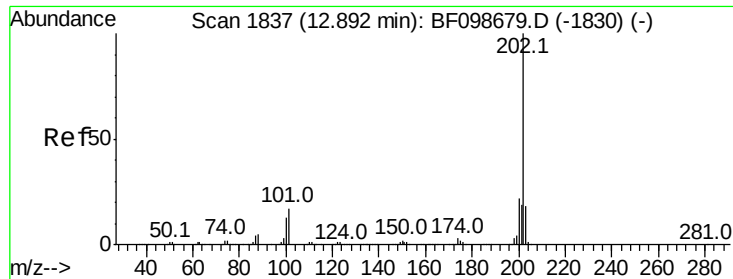
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.70 12.80 12.90





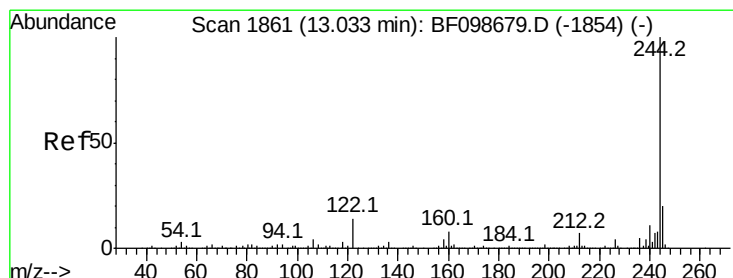
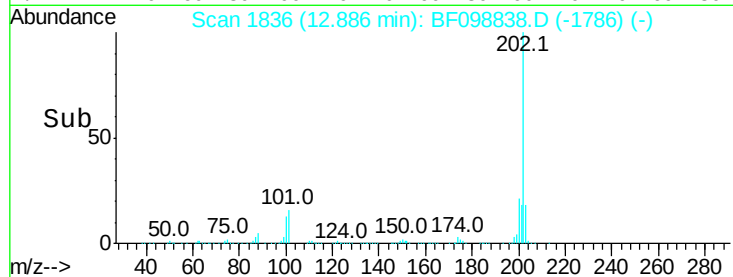
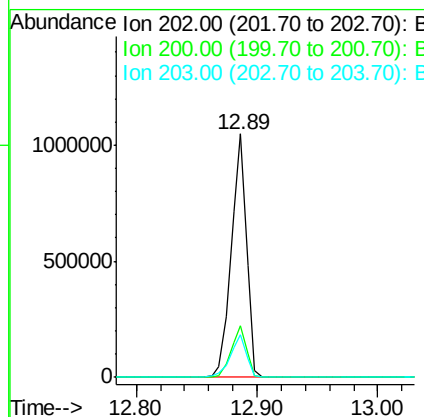
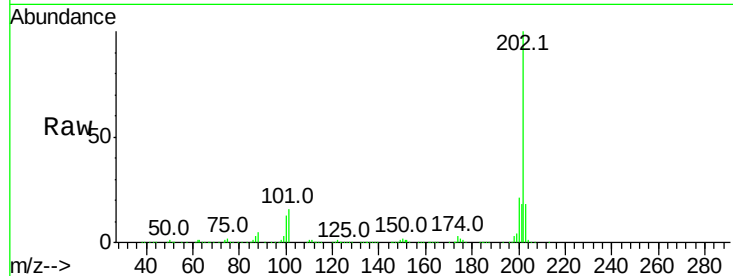
#77
Pvrene
Concen: 42.035 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

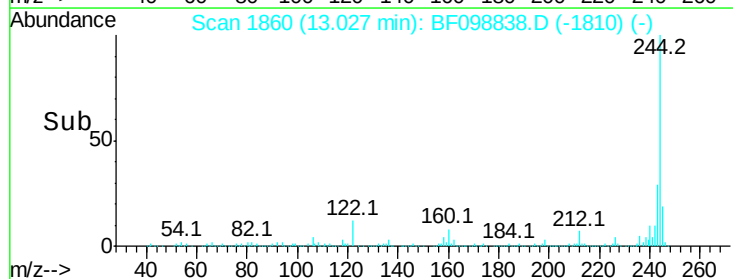
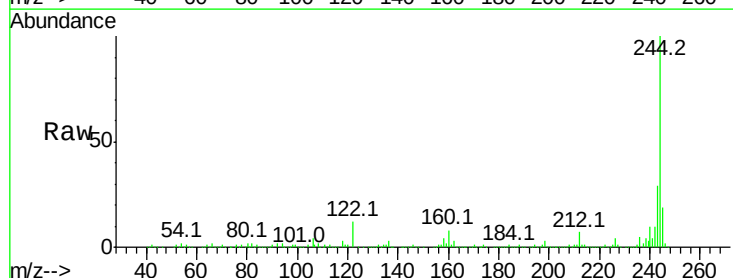
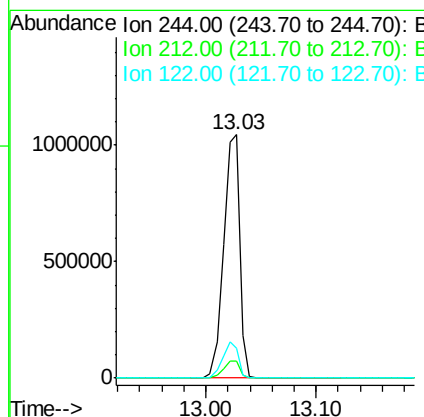
Manual Integrations
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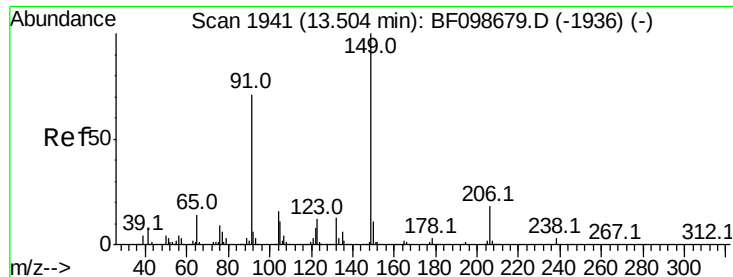
Sohil
9/27/2017 12:44:59 PM



#78
Terphenyl-d14
Concen: 84.404 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.2	11.0	16.4





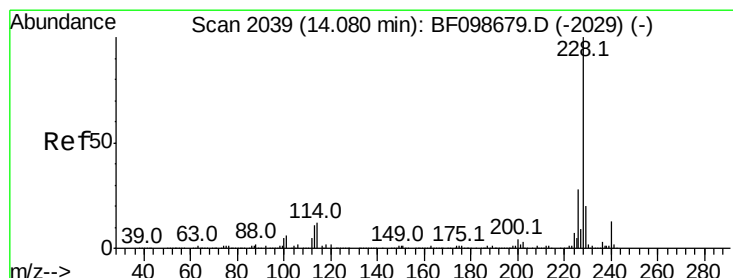
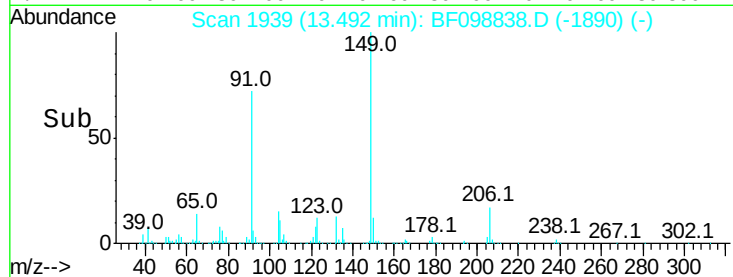
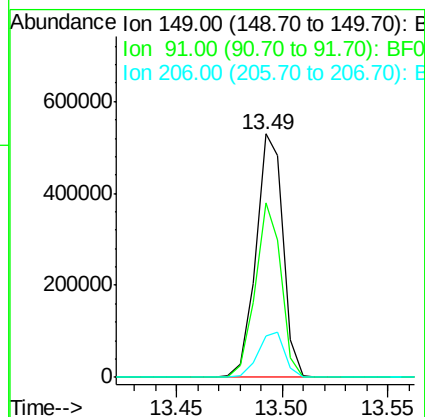
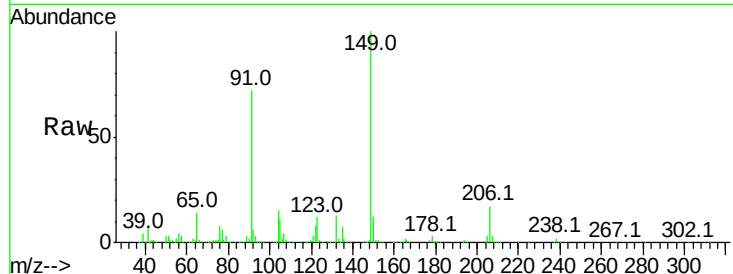
#79
Butylbenzylphthalate
Concen: 45.956 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	471511		
91	71.9	56.8	85.2	
206	17.2	14.1	21.1	

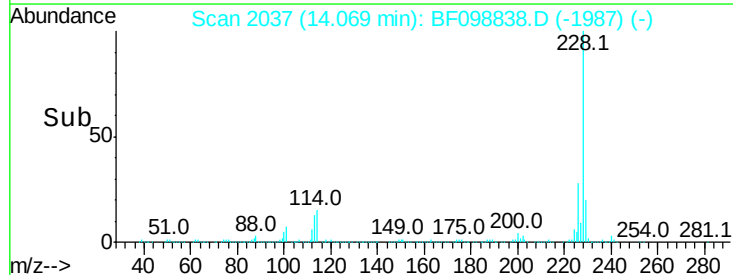
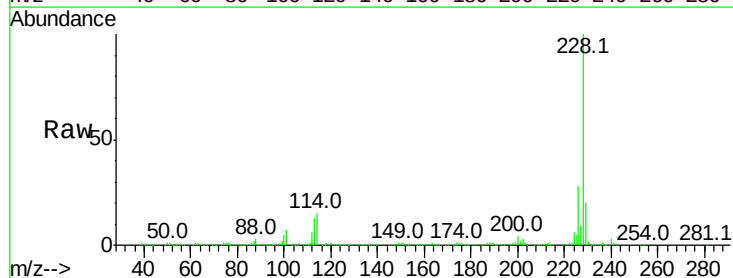
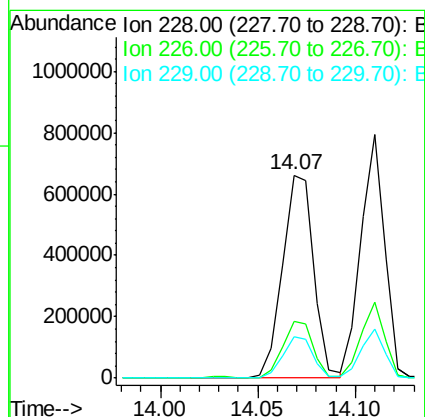
Manual Integrations
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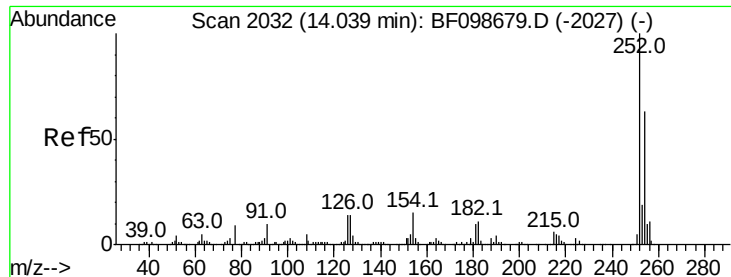
Sohil
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#80
Benzo(a)anthracene
Concen: 42.254 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	732495		
226	27.9	22.6	33.8	
229	20.1	15.8	23.6	





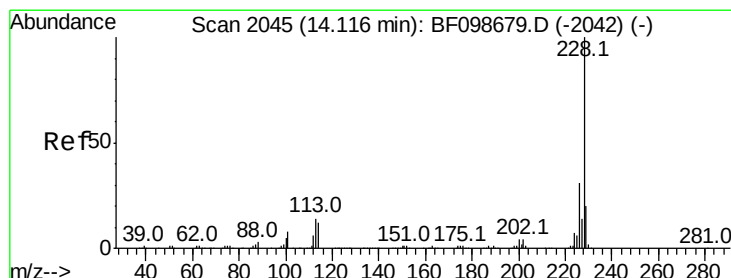
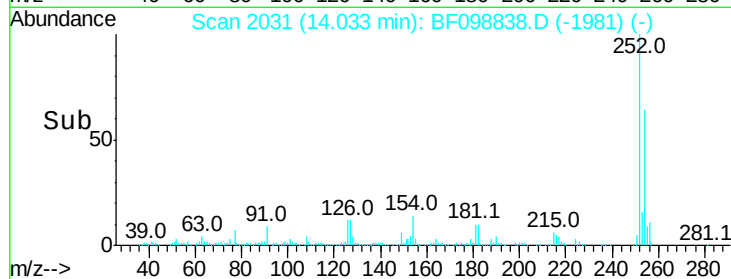
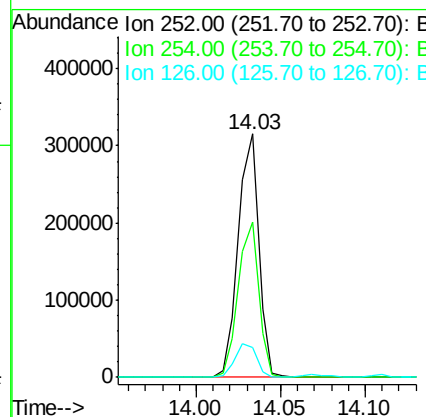
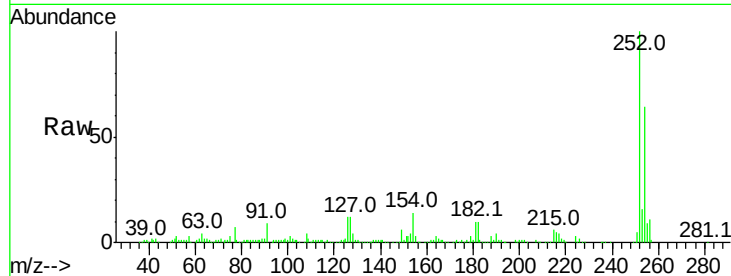
#81
 3,3'-Dichlorobenzidine
 Concen: 42.092 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	50.4	75.6
126	12.5	11.3	16.9

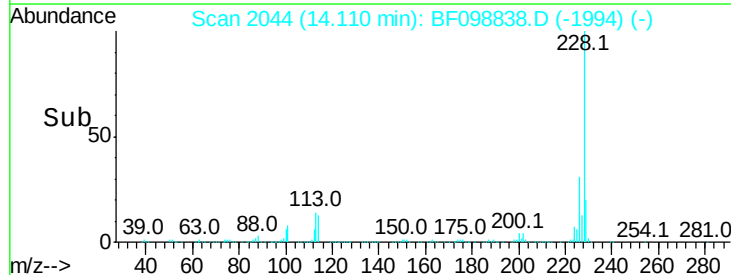
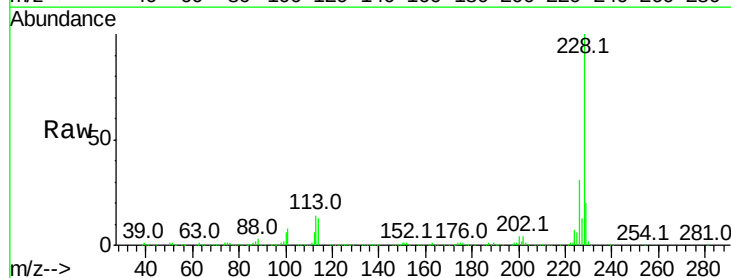
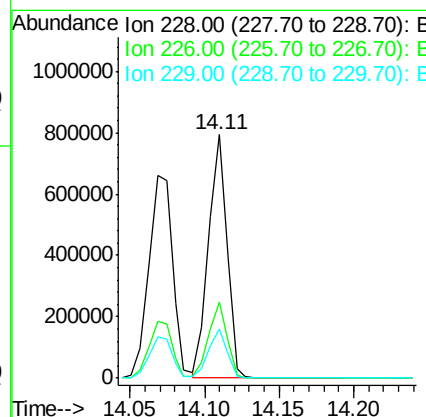
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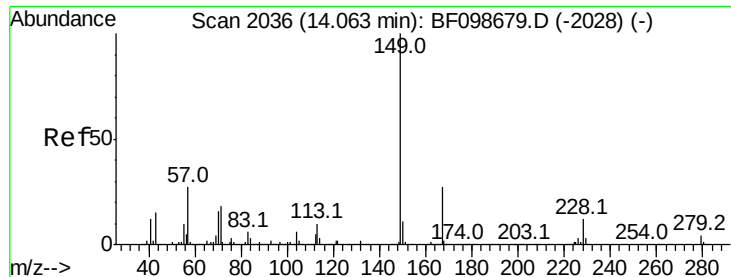
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#82
 Chrysene
 Concen: 40.871 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.0	16.2	24.4





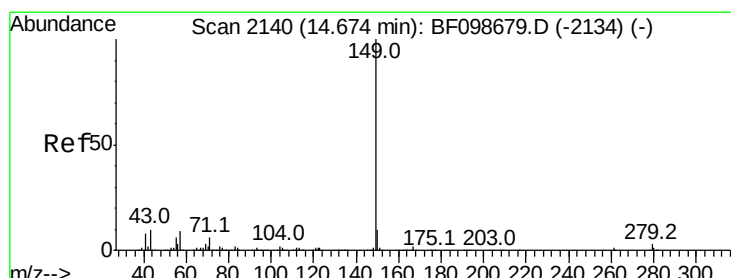
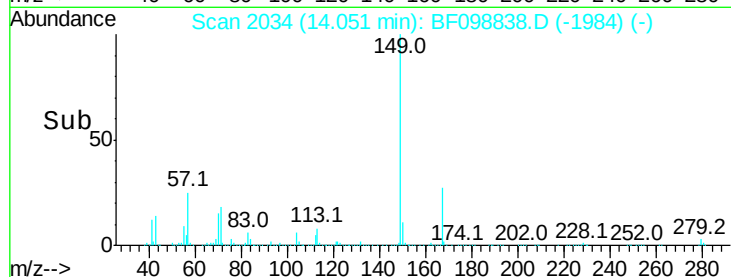
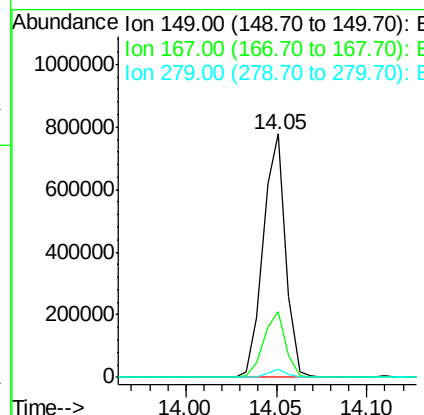
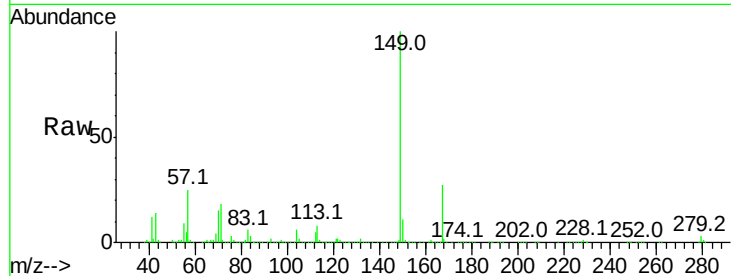
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.229 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampled :
 PB102610BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	667220		
167	27.0		21.3	31.9
279	3.1		3.0	4.4

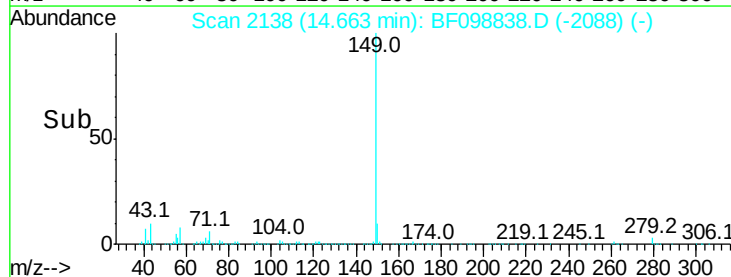
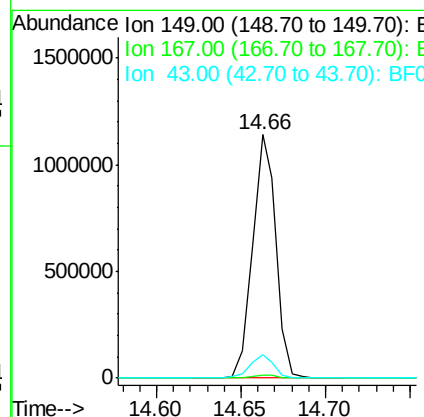
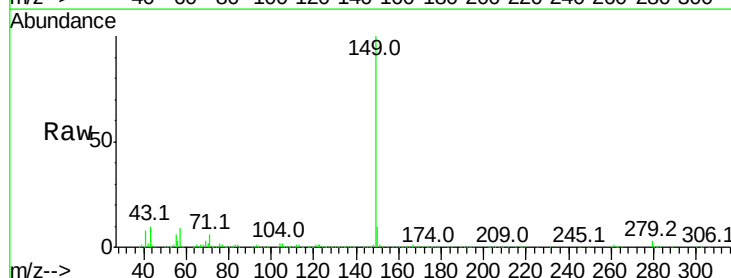
Manual Integrations
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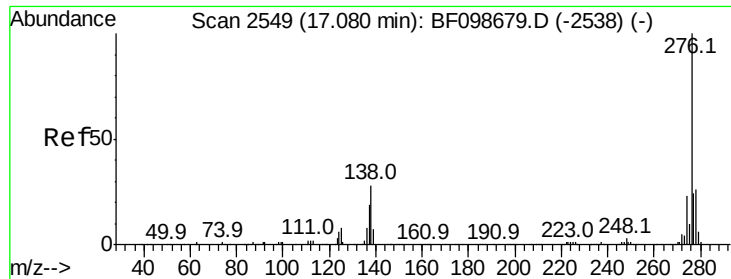
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#84
 Di-n-octyl phthalate
 Concen: 48.027 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1092527		
167	1.5		1.2	1.8
43	9.6		8.4	12.6





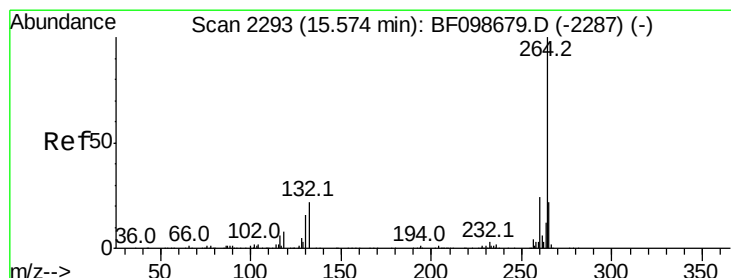
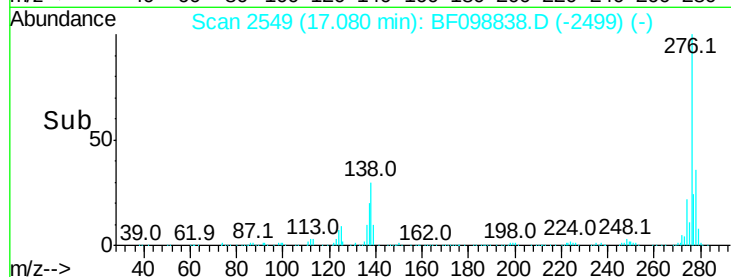
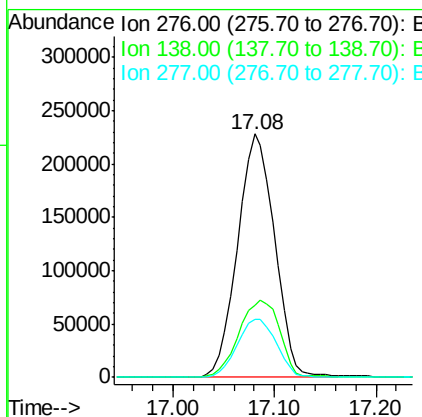
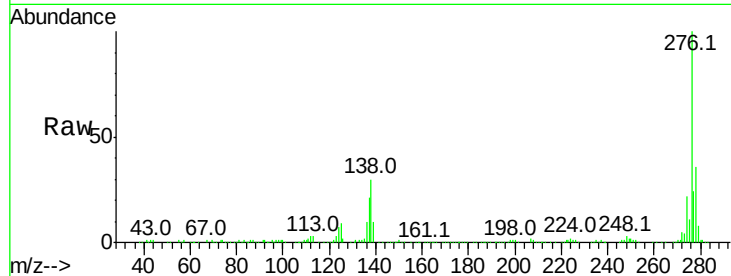
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.902 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.4	20.1	30.1

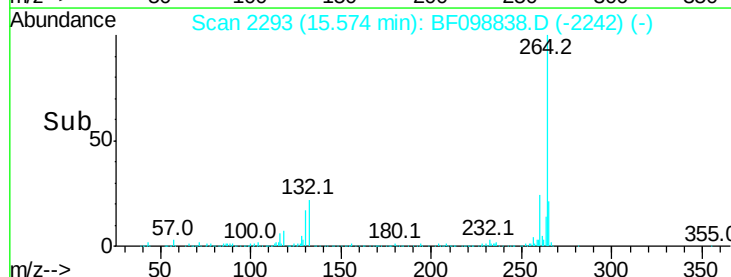
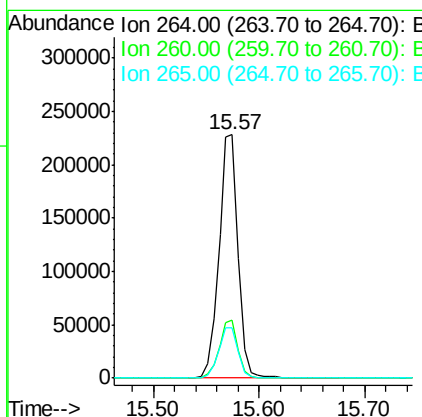
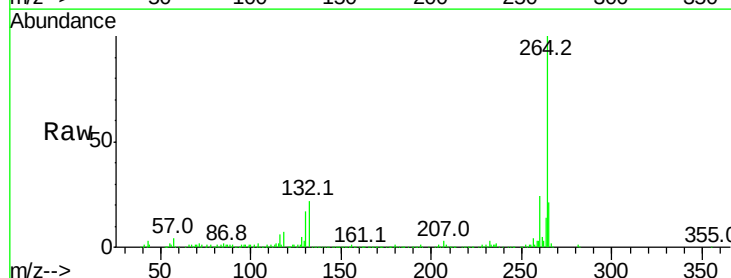
Manual Integrations
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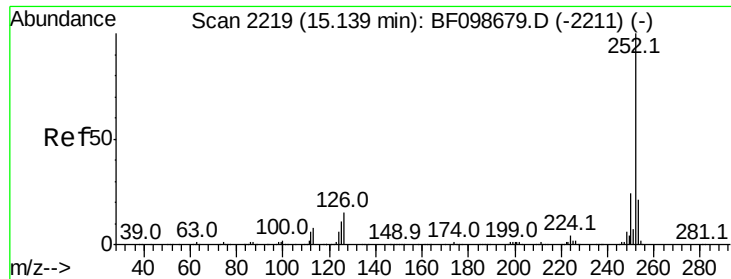
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.5	26.3





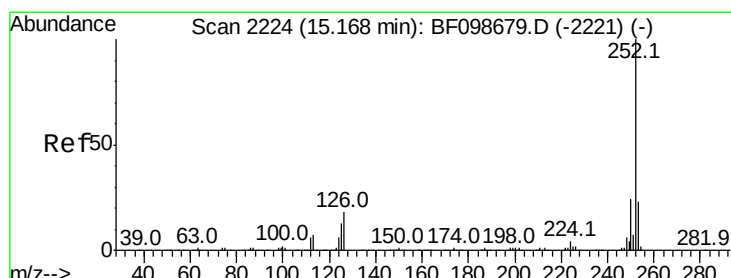
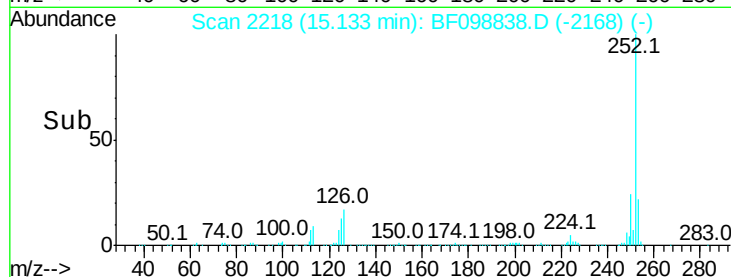
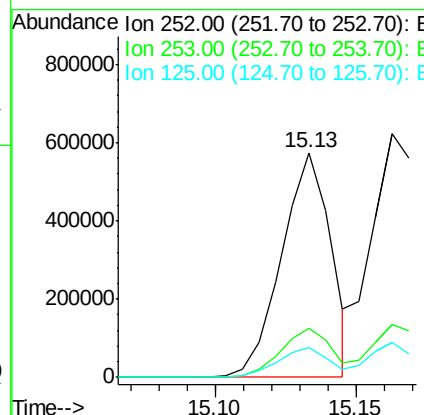
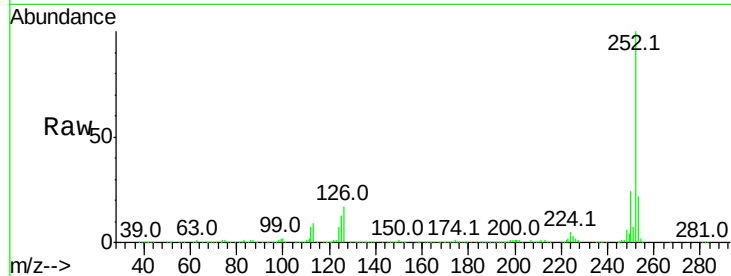
#87
Benzo(b)fluoranthene
Concen: 39.437 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102610BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.2	9.0	13.6

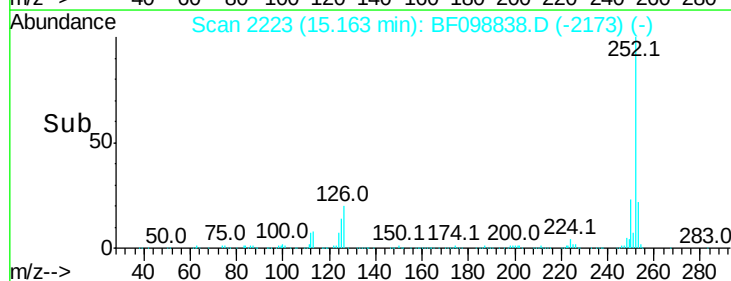
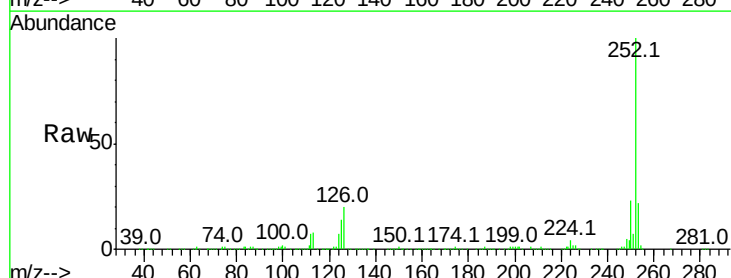
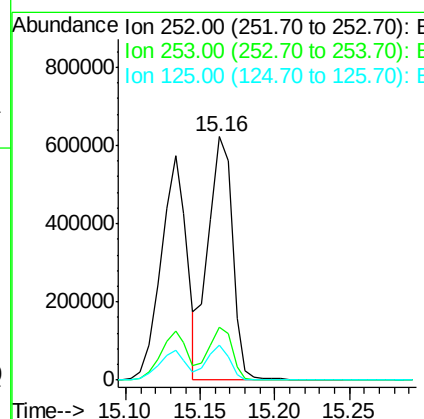
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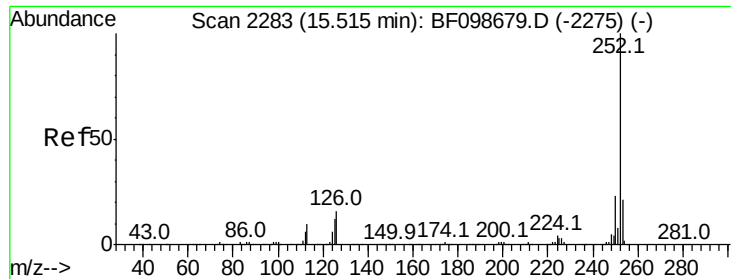
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.279 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098838.D
Acq: 26 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	14.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 41.738 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Instrument :

BNA_F

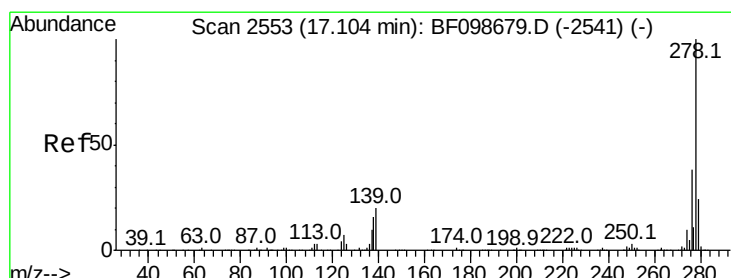
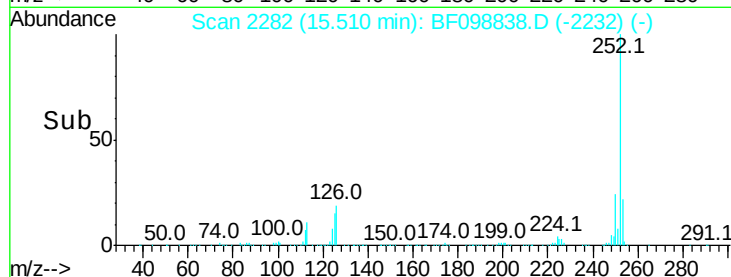
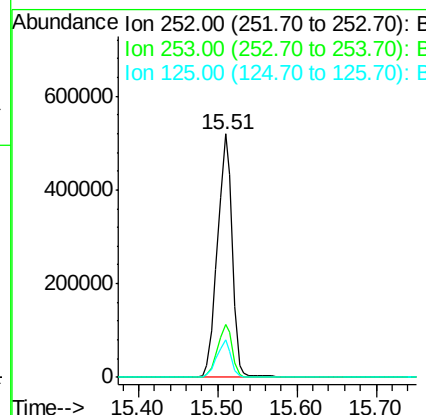
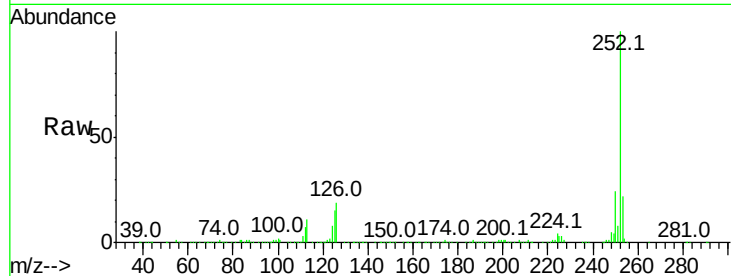
ClientSampleId :

PB102610BS

Tot Ion:	252	Resp:	676408
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	15.5	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 38.716 ng

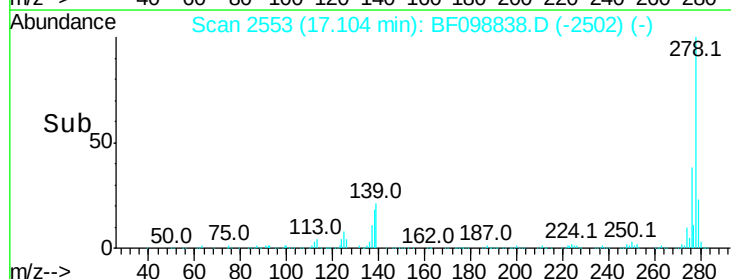
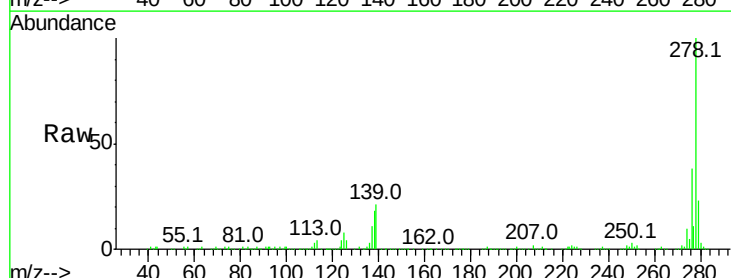
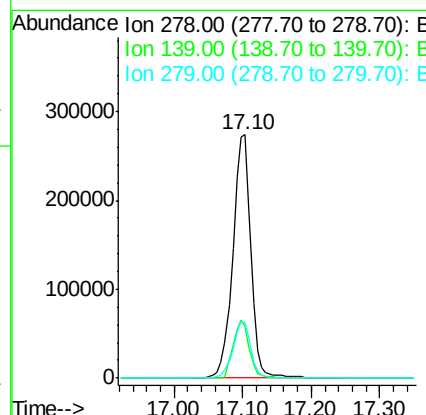
RT: 17.10 min Scan# 2553

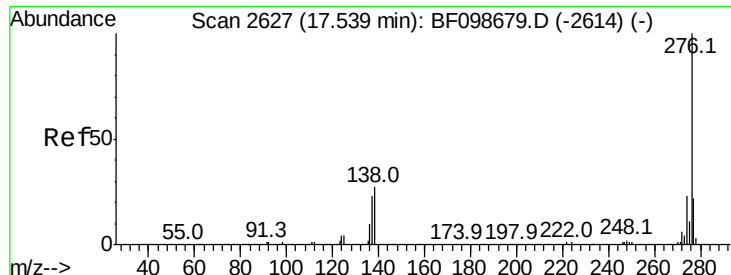
Delta R.T. 0.00 min

Lab File: BF098838.D

Acq: 26 Sep 2017 17:59

Tgt Ion:	278	Resp:	502141
Ion Ratio	Lower	Upper	
278	100		
139	21.4	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.322 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF098838.D
 Acq: 26 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102610BS

Tot Ion:	276	Resp:	452844
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.9	26.9
138	30.6	21.8	32.8

Manual Integrations
 APPROVED

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 9/27/2017 12:44:59 PM

