

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098037.D
 Acq On : 25 Aug 2017 18:24
 Operator : SJ/JU
 Sample : PB101833BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:13:24 PM

Quant Time: Aug 25 23:53:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	132189	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	533907	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	241908	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	471051	20.00	ng	0.00
75) Chrysene-d12	13.89	240	329569	20.00	ng	0.00
86) Perylene-d12	15.30	264	257935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1117072	128.54	ng	0.01
7) Phenol-d6	6.39	99	1525751	129.21	ng	0.00
23) Nitrobenzene-d5	7.31	82	951542	96.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	291534	138.90	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1398135	84.91	ng	0.00
78) Terphenyl-d14	12.84	244	1212230	76.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	174838	36.074	ng	90
3) Pyridine	3.21	79	503097	37.549	ng	86
4) n-Nitrosodimethylamine	3.17	42	200404	38.872	ng	# 75
6) Aniline	6.40	93	472469	28.483	ng	# 90
8) 2-Chlorophenol	6.53	128	383360	41.828	ng	96
9) Benzaldehyde	6.29	77	201317	26.917	ng	89
10) Phenol	6.40	94	549100	39.761	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	419394	40.236	ng	93
12) 1,3-Dichlorobenzene	6.68	146	381316	38.679	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	386360	38.534	ng	93
14) 1,2-Dichlorobenzene	6.91	146	356436	38.554	ng	100
15) Benzyl Alcohol	6.89	79	377873	42.744	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	553774	39.487	ng	91
17) 2-Methylphenol	7.00	107	354829	43.933	ng	95
18) Hexachloroethane	7.25	117	158703	40.372	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	310480	38.411	ng	90
20) 3+4-Methylphenols	7.16	107	416406	42.211	ng	96
22) Acetophenone	7.15	105	553700	39.257	ng	# 91
24) Nitrobenzene	7.33	77	489319	44.715	ng	94
25) Isophorone	7.57	82	885332	43.322	ng	97
26) 2-Nitrophenol	7.64	139	198636	49.872	ng	# 75
27) 2,4-Dimethylphenol	7.68	122	364164	42.727	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	546692	40.690	ng	99
29) 2,4-Dichlorophenol	7.89	162	310884	43.942	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	311076	39.663	ng	99
31) Naphthalene	8.05	128	1110781	40.075	ng	100
32) Benzoic acid	7.82	122	209995	35.709	ng	90
33) 4-Chloroaniline	8.09	127	271122	23.193	ng	98
34) Hexachlorobutadiene	8.16	225	177610	38.786	ng	97
35) Caprolactam	8.47	113	117438m	48.827	ng	
36) 4-Chloro-3-methylphenol	8.59	107	384852	42.338	ng	# 82
37) 2-Methylnaphthalene	8.74	142	722820	42.535	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	282686	38.077	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	327942	91.948	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	215527	43.241	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	219654	44.421	nq	96
45) 1,1'-Biphenyl	9.20	154	840902	38.119	nq	97
46) 2-Chloronaphthalene	9.23	162	627341	38.489	nq	93
47) 2-Nitroaniline	9.32	65	258881	47.377	nq	94
48) Acenaphthylene	9.64	152	1036939	40.512	nq	100
49) Dimethylphthalate	9.51	163	754721	42.681	nq	99
50) 2,6-Dinitrotoluene	9.57	165	164205	46.522	nq #	66
51) Acenaphthene	9.81	154	610047	37.790	nq	99
52) 3-Nitroaniline	9.73	138	127854	28.076	nq	87
53) 2,4-Dinitrophenol	9.85	184	117900	71.460	nq #	72
54) Dibenzofuran	9.99	168	912003	42.154	nq	98
55) 4-Nitrophenol	9.90	139	302518	83.276	nq #	40
56) 2,4-Dinitrotoluene	9.97	165	219259	49.499	nq #	48
57) Fluorene	10.33	166	675455	40.381	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	182458	47.659	nq	94
59) Diethylphthalate	10.20	149	761261	41.168	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	312667	40.235	nq	90
61) 4-Nitroaniline	10.35	138	188473	43.545	nq #	69
62) Azobenzene	10.48	77	926924	42.200	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	90969	42.198	nq #	72
65) n-Nitrosodiphenylamine	10.44	169	634903	39.581	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	197095	40.293	nq	99
67) Hexachlorobenzene	10.87	284	193071	38.724	nq #	83
68) Atrazine	10.97	200	189819	44.621	nq	98
69) Pentachlorophenol	11.07	266	210303	72.344	nq	100
70) Phenanthrene	11.29	178	1007197	40.126	nq	99
71) Anthracene	11.34	178	1041325	40.902	nq	99
72) Carbazole	11.49	167	992976	41.089	nq	98
73) Di-n-butylphthalate	11.82	149	1169325	42.008	nq	99
74) Fluoranthene	12.47	202	1070429	40.857	nq	99
76) Benzidine	12.59	184	437020	40.443	nq #	92
77) Pyrene	12.70	202	1097758	40.726	nq	99
79) Butylbenzylphthalate	13.32	149	494851	47.883	nq #	78
80) Benzo(a)anthracene	13.88	228	770537	39.010	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	190735	28.616	nq #	96
82) Chrysene	13.92	228	779966	39.695	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	553364	48.321	nq #	98
84) Di-n-octyl phthalate	14.49	149	989430	49.656	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	654450	45.276	nq	94
87) Benzo(b)fluoranthene	14.90	252	663564	40.813	nq	98
88) Benzo(k)fluoranthene	14.93	252	620933	40.651	nq #	93
89) Benzo(a)pyrene	15.25	252	623379	43.311	nq	97
90) Dibenzo(a,h)anthracene	16.70	278	528469	45.100	nq	98
91) Benzo(g,h,i)perylene	17.10	276	563501	46.088	nq #	93

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

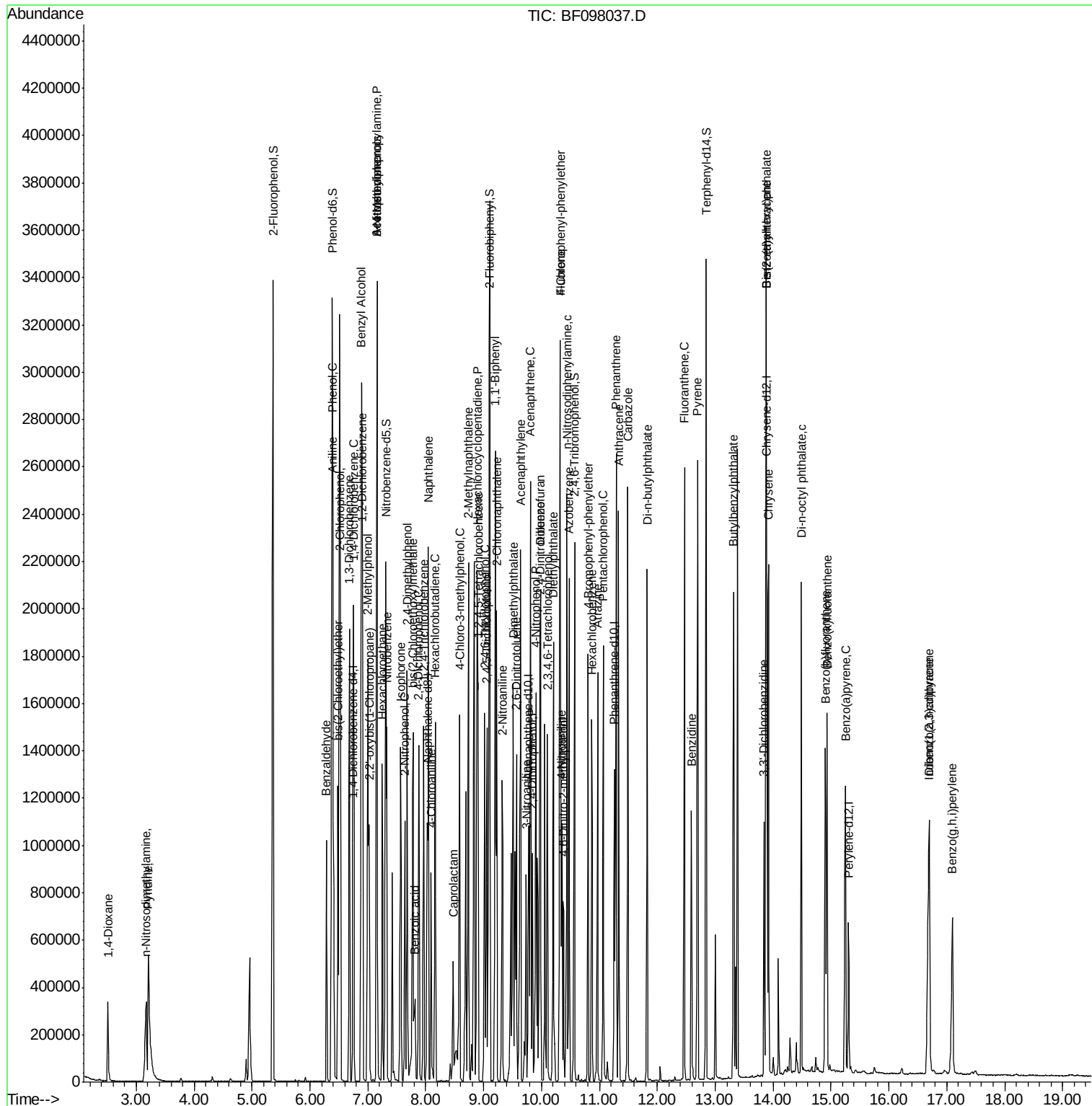
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
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Operator  : SJ/JU
Sample    : PB101833BS
Misc      :
ALS Vial  : 7      Sample Multiplier: 1
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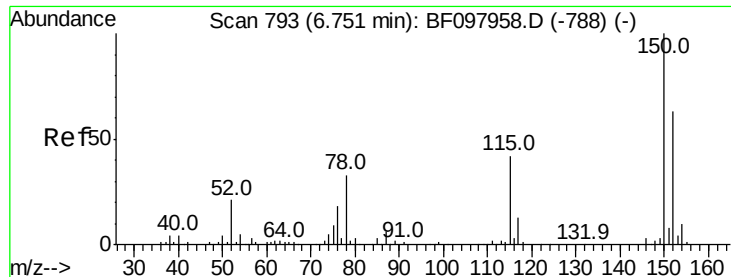
Instrument :
BNA_F
ClientSampleId :
PB101833BS

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#1

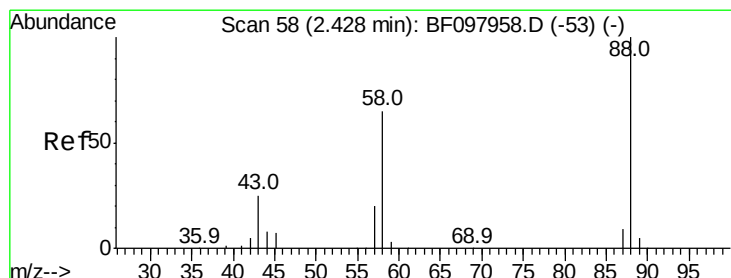
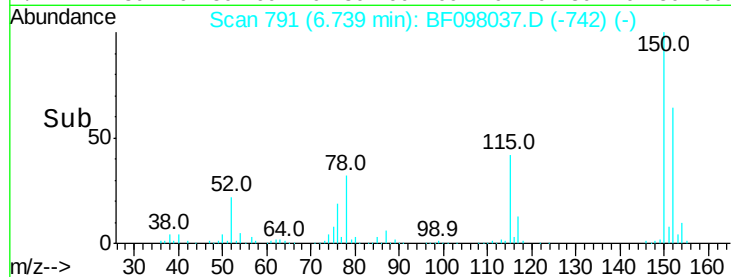
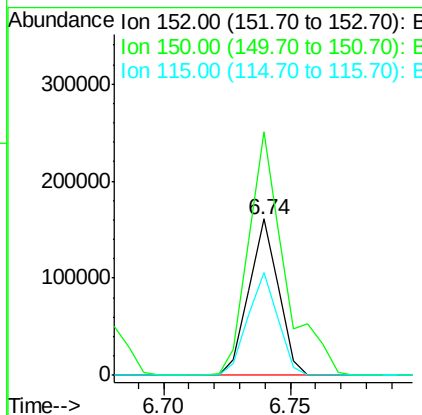
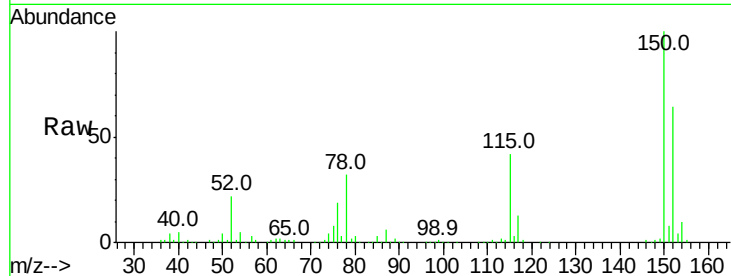
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	65.8	52.2	78.2

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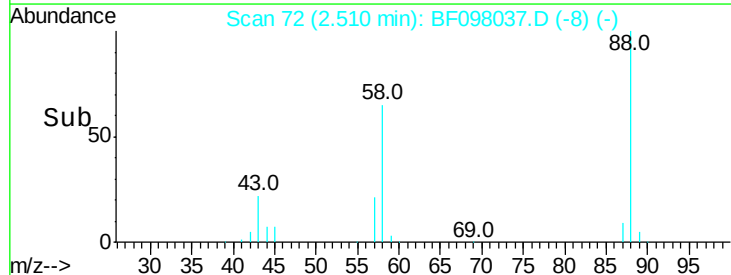
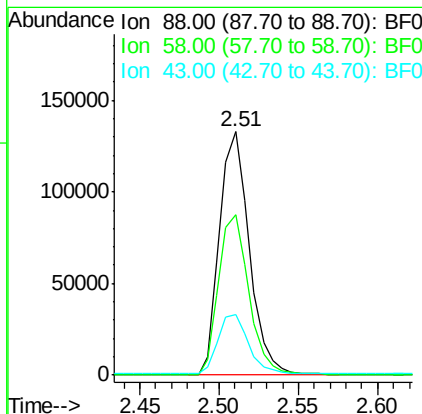
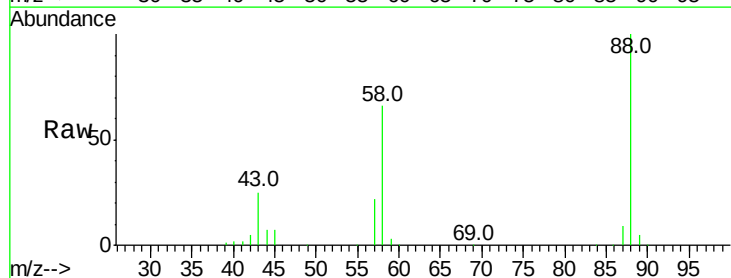
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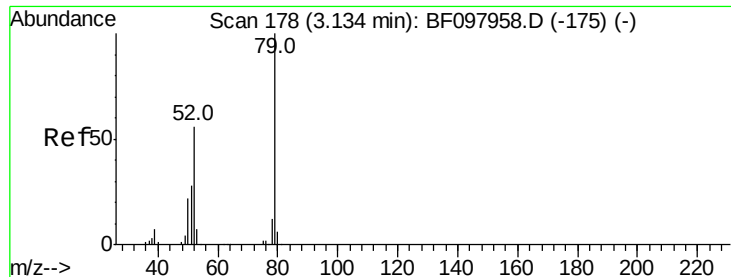


#2

1,4-Dioxane
Concen: 36.074 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	61.4	92.0
43	24.6	23.4	35.0





#3

Pvridine

Concen: 37.549 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.08 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

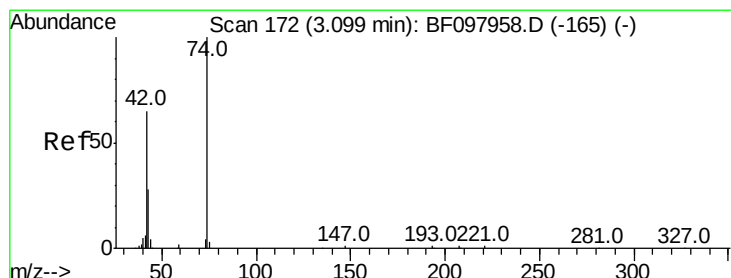
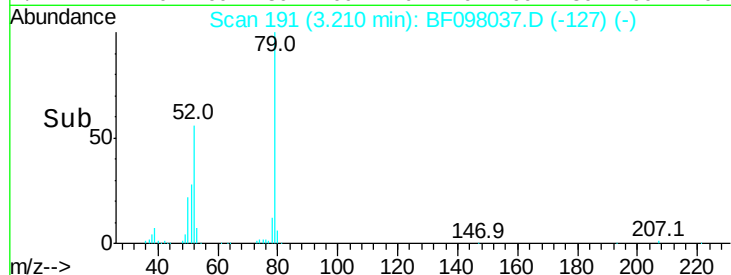
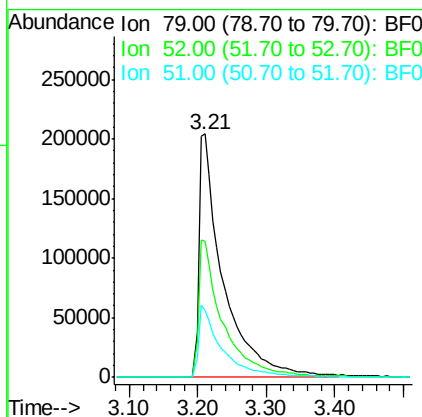
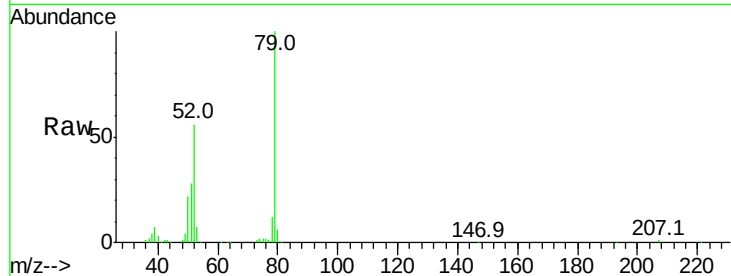
ClientSampled :

PB101833BS

Tot Ion:	79	Resp:	503097
Ion Ratio	Lower	Upper	
79	100		
52	56.1	54.8	82.2
51	27.7	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.872 ng

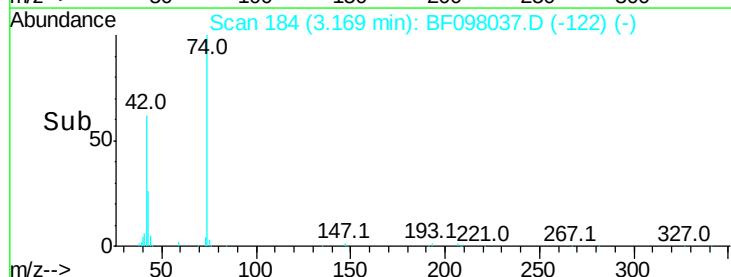
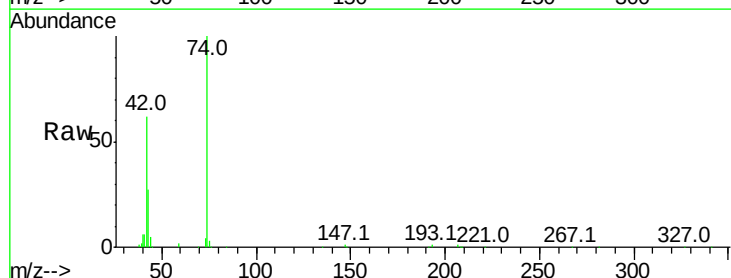
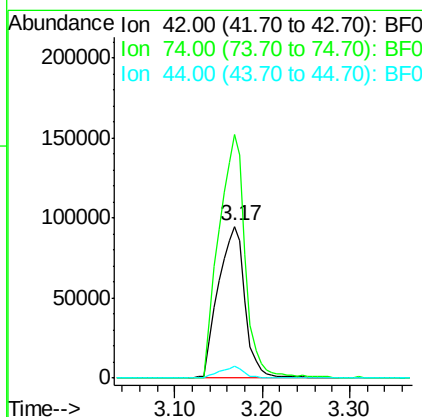
RT: 3.17 min Scan# 184

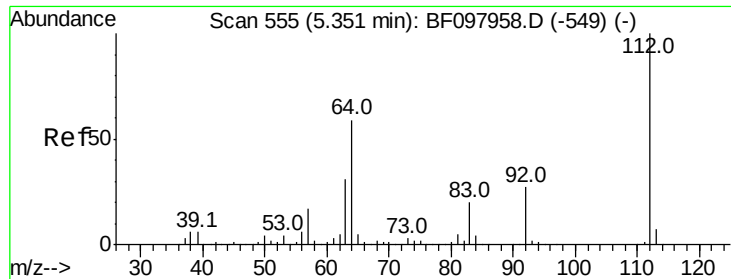
Delta R.T. 0.06 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:	42	Resp:	200404
Ion Ratio	Lower	Upper	
42	100		
74	160.5	103.9	155.9#
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 128.539 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

Tot Ion:112 Resp: 1117072

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

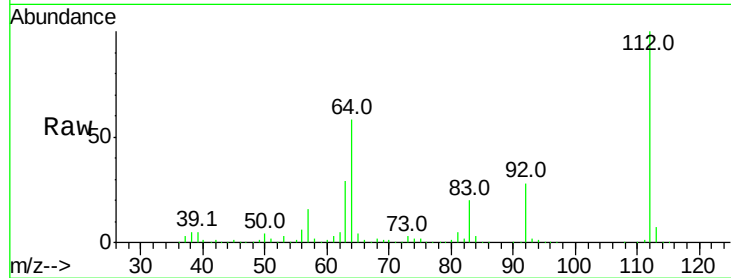
63 29.3 23.4 35.0

Manual Integrations

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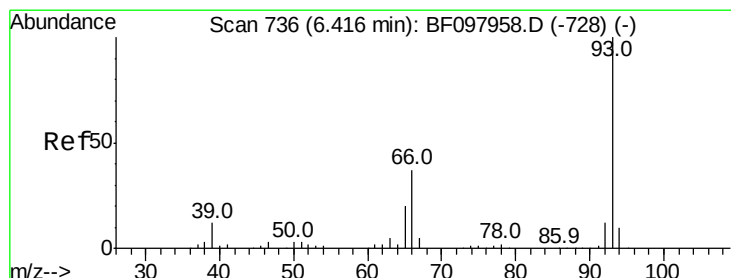
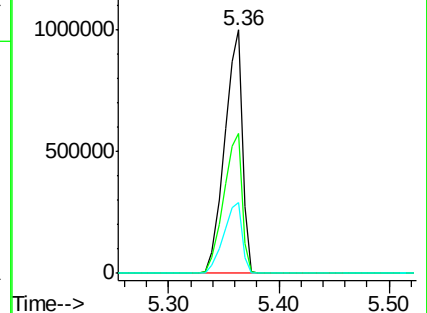
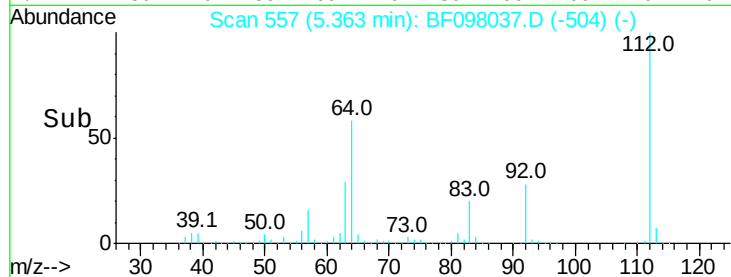
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.483 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

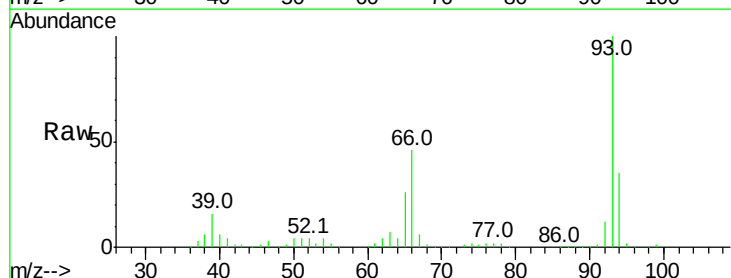
Tgt Ion: 93 Resp: 472469

Ion Ratio Lower Upper

93 100

66 46.3 32.9 49.3

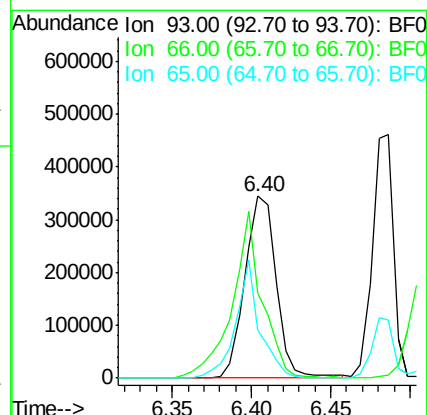
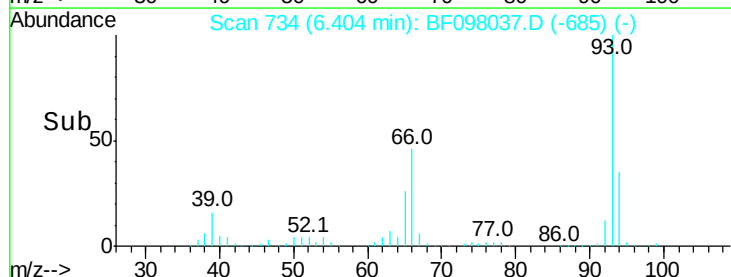
65 25.9 16.0 24.0#

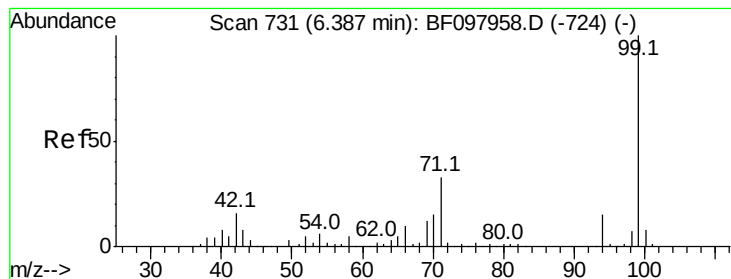


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.214 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

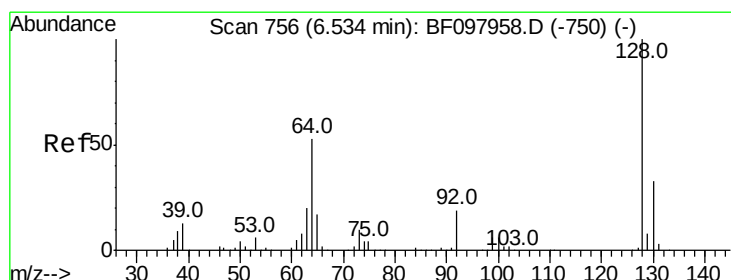
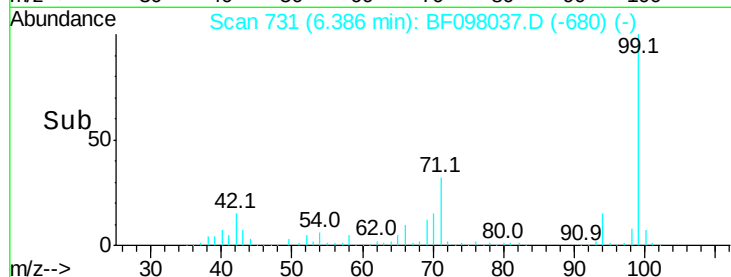
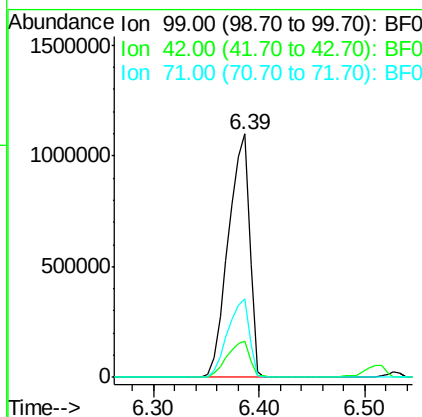
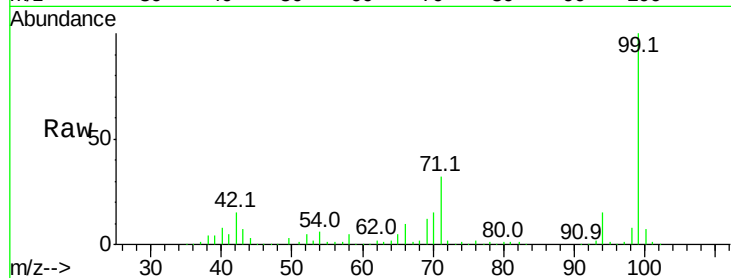
ClientSampled :

PB101833BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		1525751		
42	14.8	13.5	20.3		
71	32.0	24.5	36.7		

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.828 ng

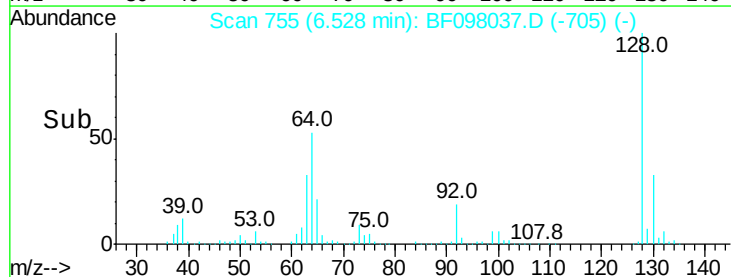
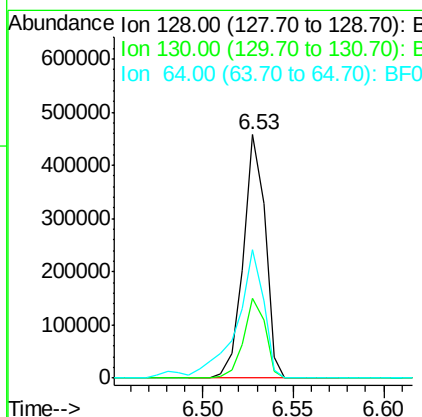
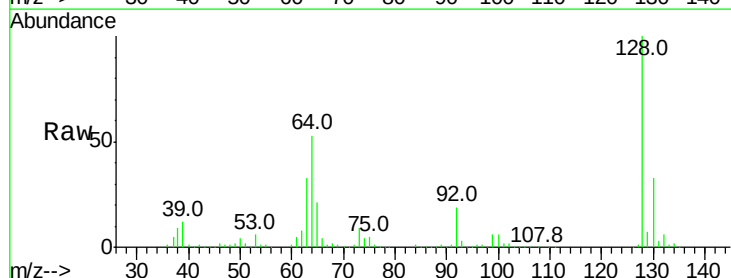
RT: 6.53 min Scan# 755

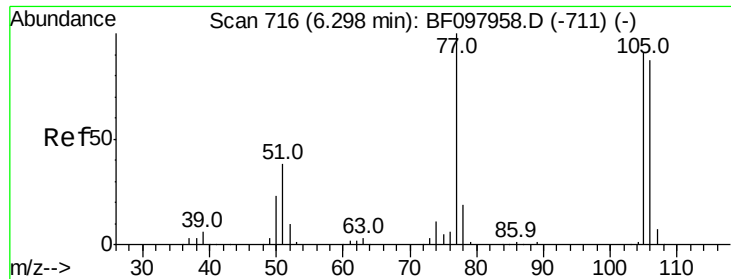
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		383360		
130	32.6	12.9	52.9		
64	52.8	28.4	68.4		





#9

Benzaldehyde

Concen: 26.917 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

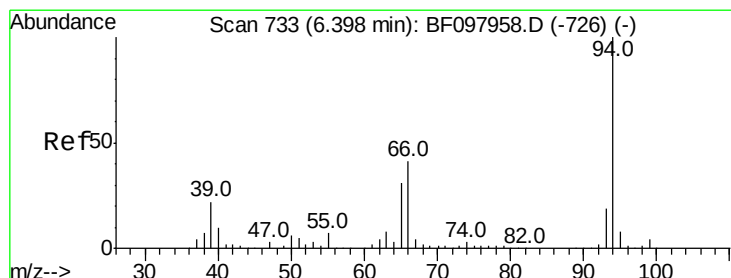
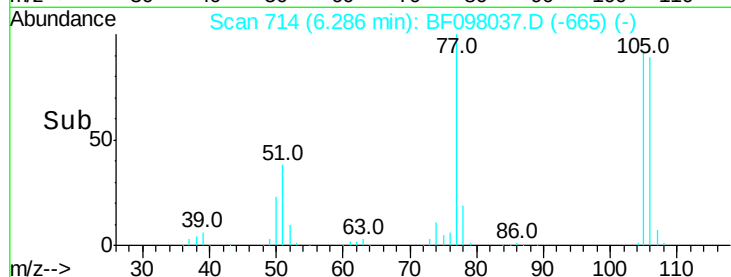
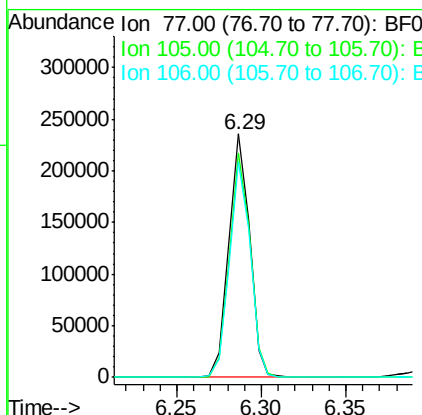
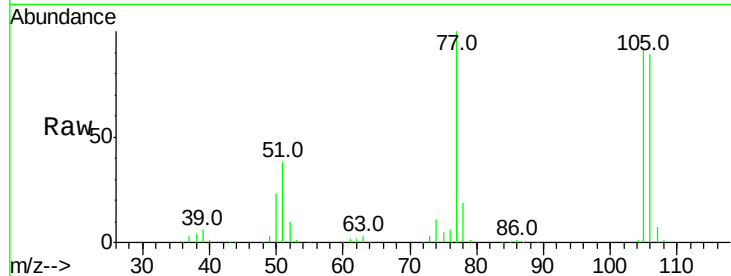
ClientSampleId :

PB101833BS

Tot Ion:	77	Resp:	201317
Ion Ratio	Lower	Upper	
77	100		
105	92.0	83.8	123.8
106	88.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.761 ng

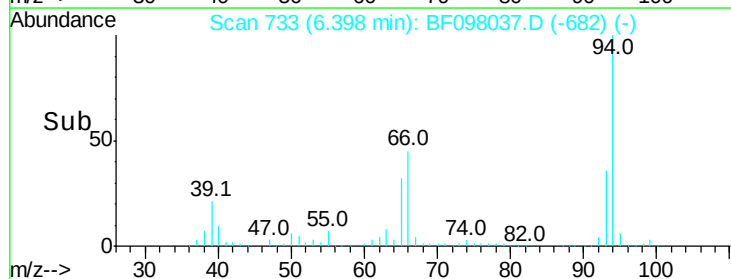
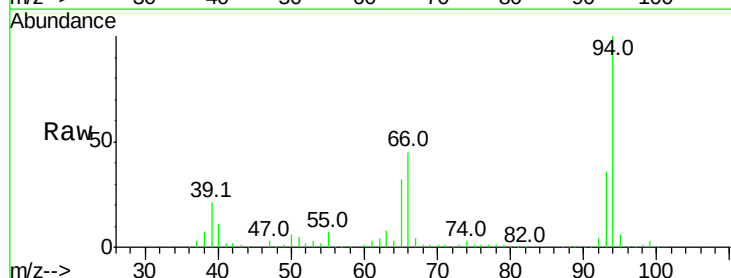
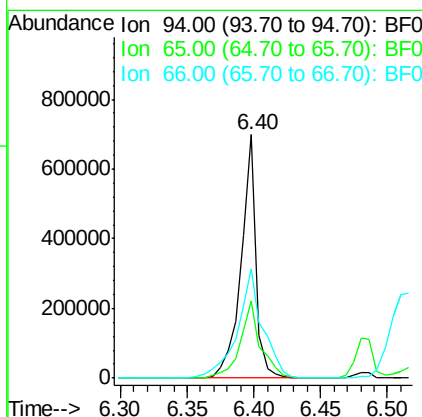
RT: 6.40 min Scan# 733

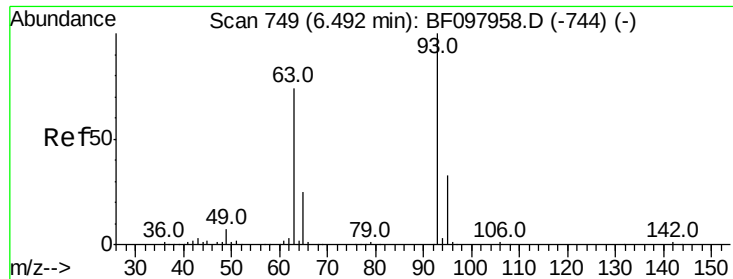
Delta R.T. -0.00 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:	94	Resp:	549100
Ion Ratio	Lower	Upper	
94	100		
65	31.9	9.9	49.9
66	45.0	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.236 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

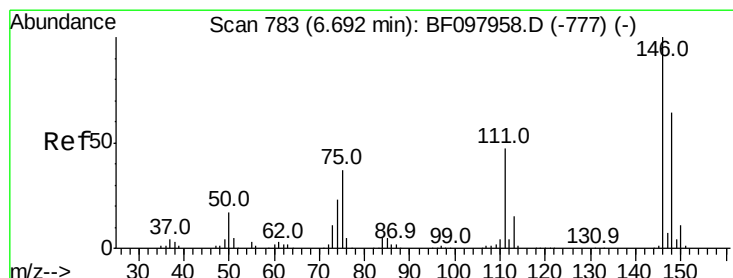
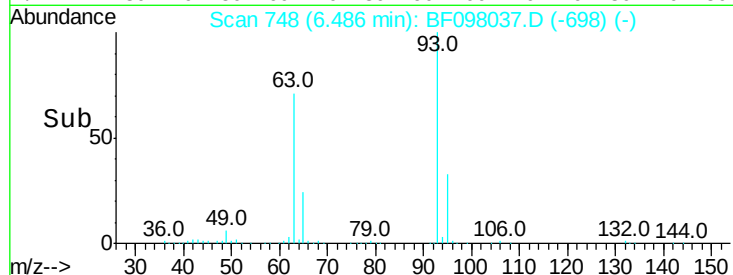
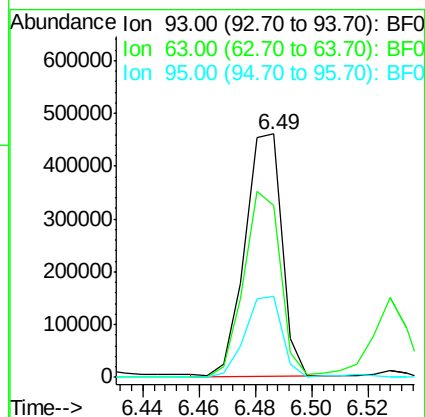
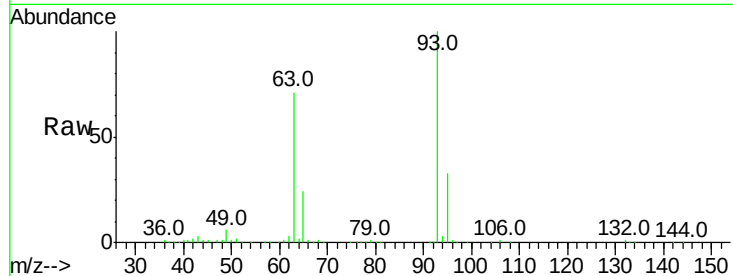
ClientSampleId :

PB101833BS

Tot Ion:	93	Resp:	419394
Ion	Ratio	Lower	Upper
93	100		
63	70.8	59.2	99.2
95	33.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 38.679 ng

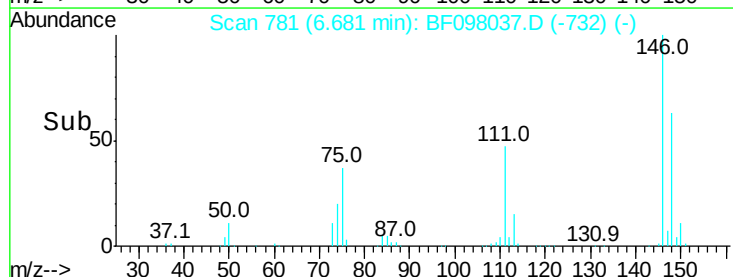
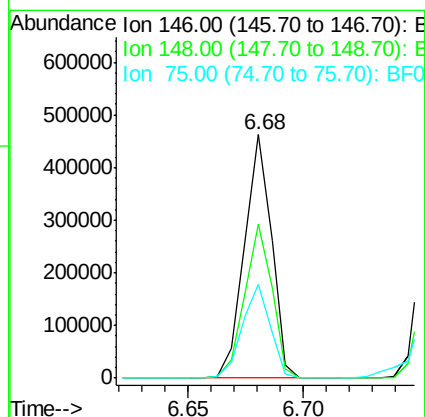
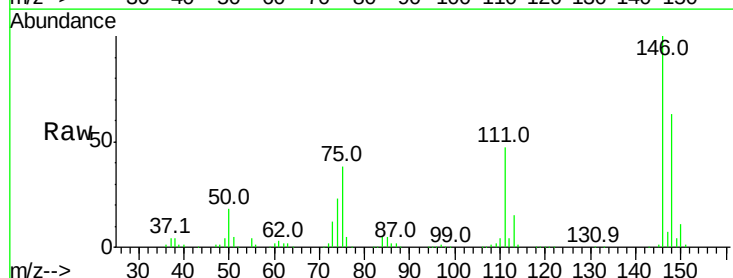
RT: 6.68 min Scan# 781

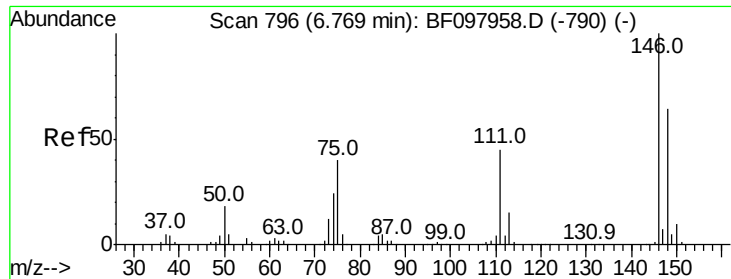
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:	146	Resp:	381316
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	38.5	23.1	34.7#





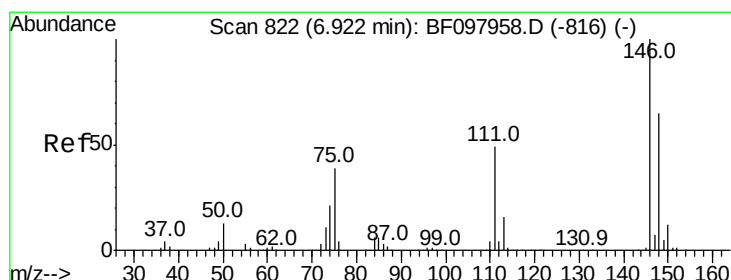
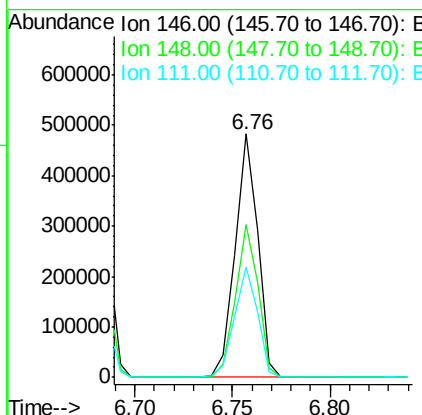
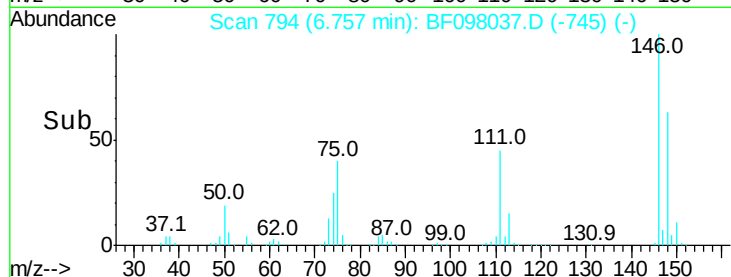
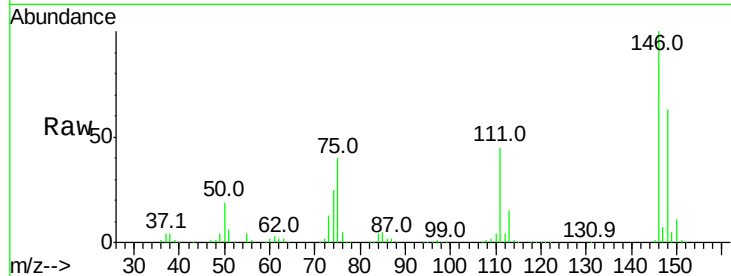
#13
 1,4-Dichlorobenzene
 Concen: 38.534 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	45.3	30.3	45.5

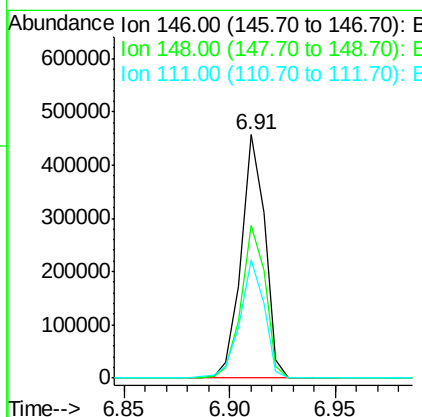
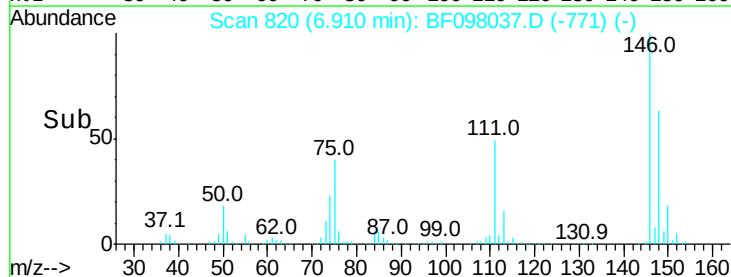
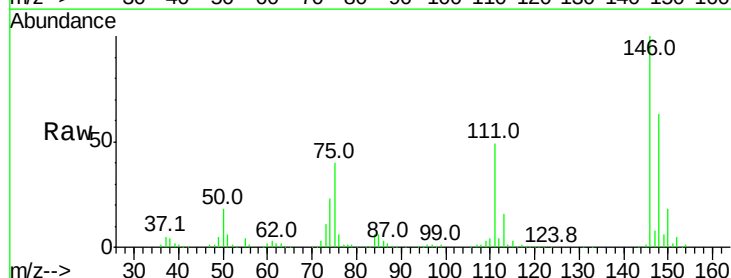
Manual Integrations
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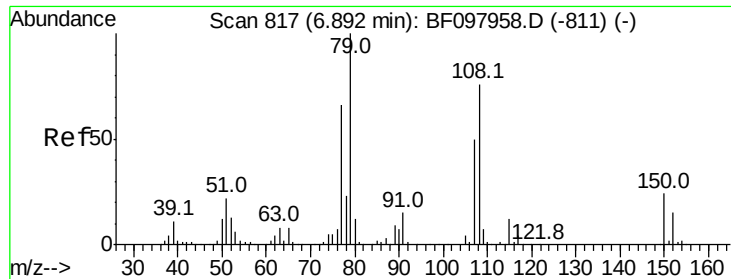
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#14
 1,2-Dichlorobenzene
 Concen: 38.554 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	48.5	38.2	57.4





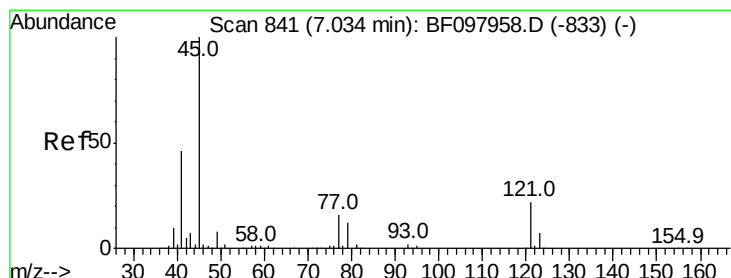
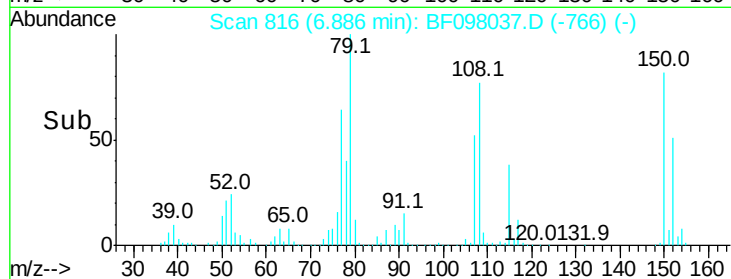
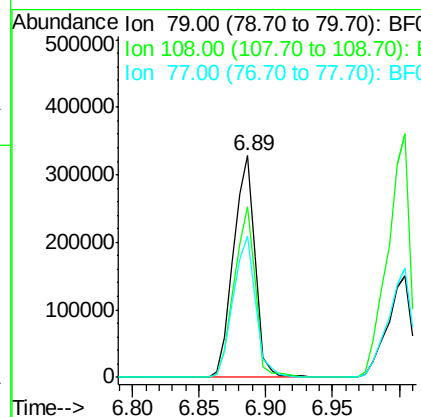
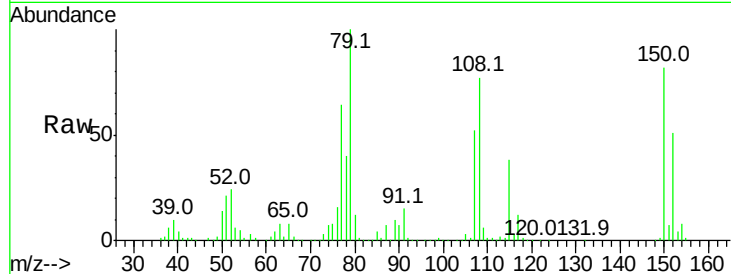
#15
Benzyl Alcohol
Concen: 42.744 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	63.4	95.0
77	63.5	49.2	73.8

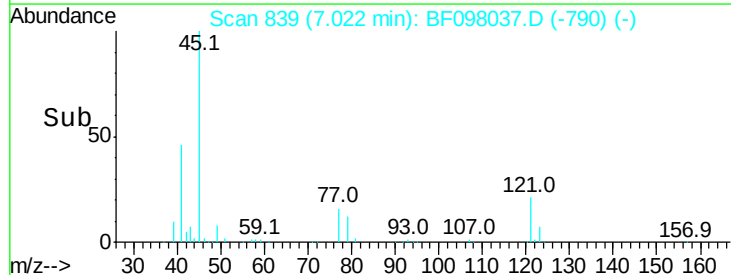
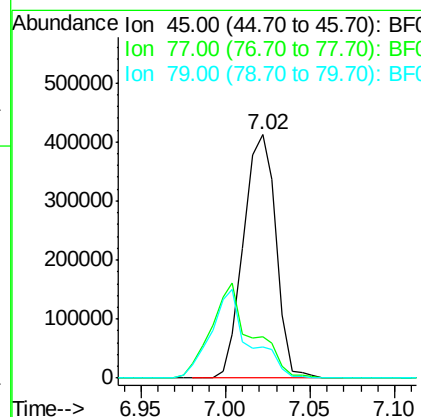
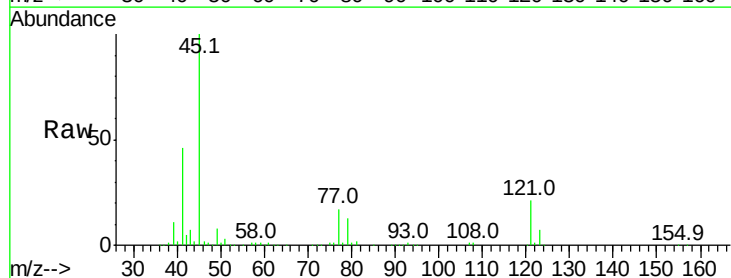
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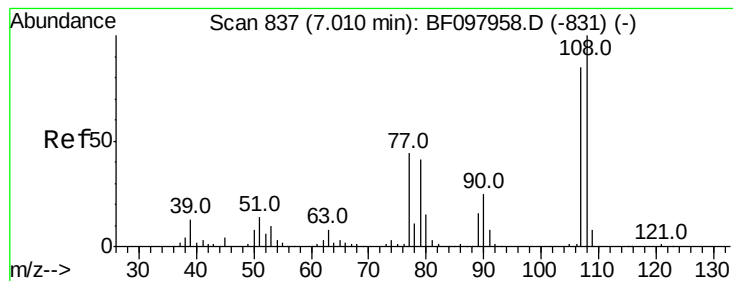
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.487 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	33.2
79	12.8	0.0	30.0





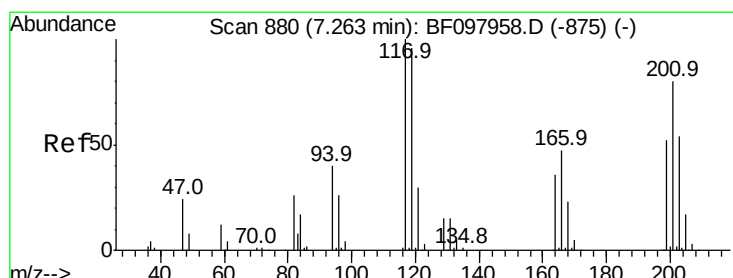
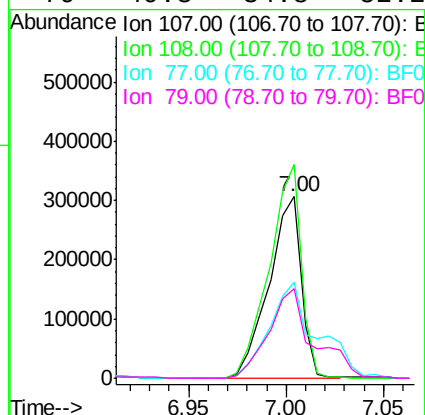
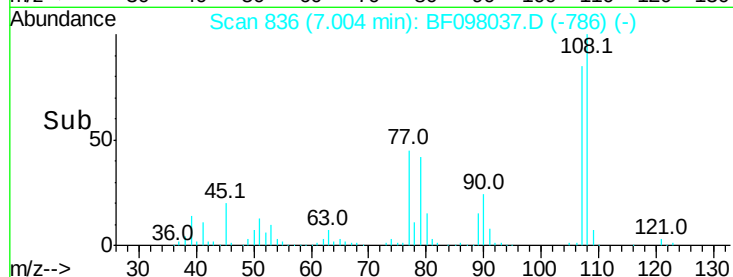
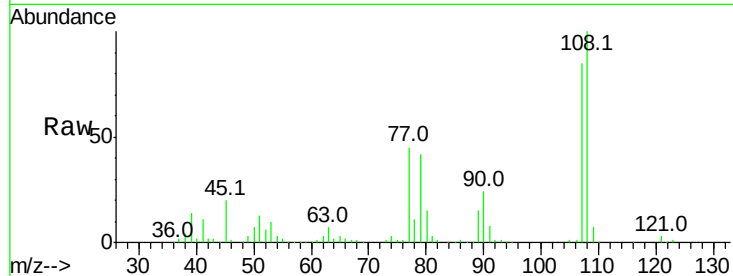
#17
2-Methylphenol
Concen: 43.933 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampled :
PB101833BS

Tot Ion	107	Resp	354829
Ion	Ratio	Lower	Upper
107	100		
108	117.9	93.4	140.0
77	52.8	35.8	53.6
79	49.3	34.8	52.2

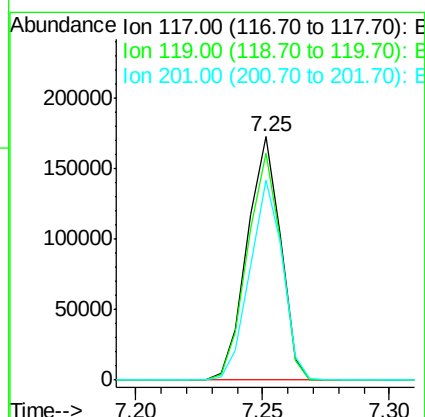
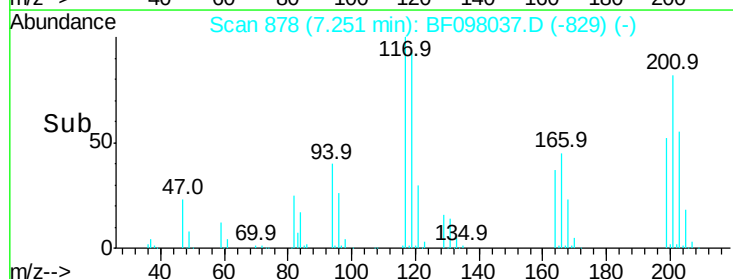
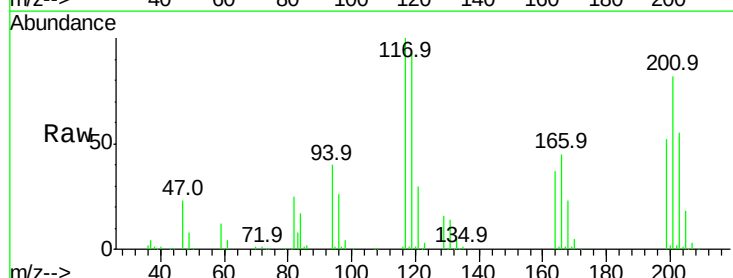
Manual Integrations
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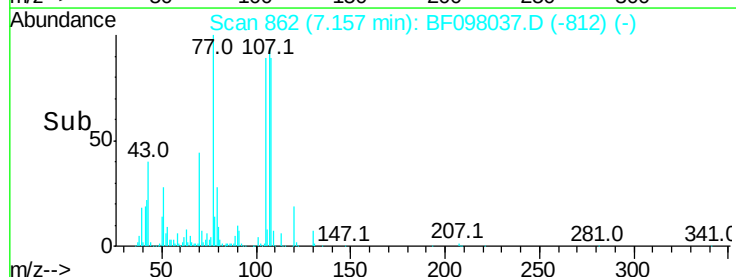
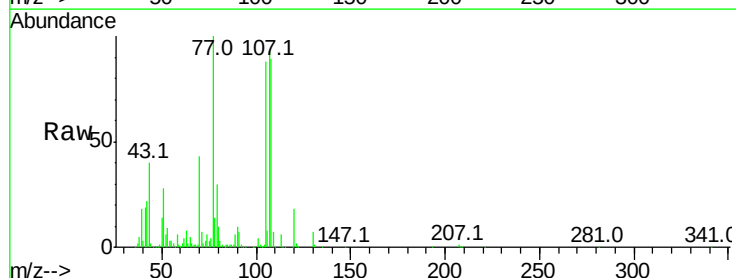
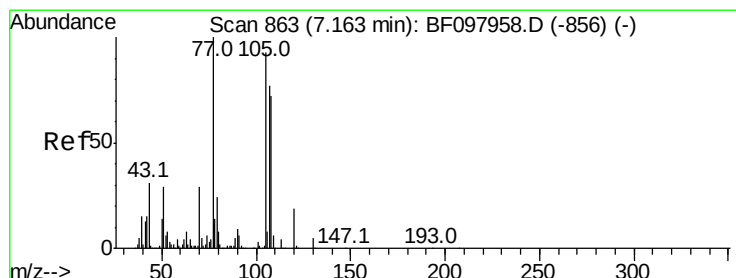
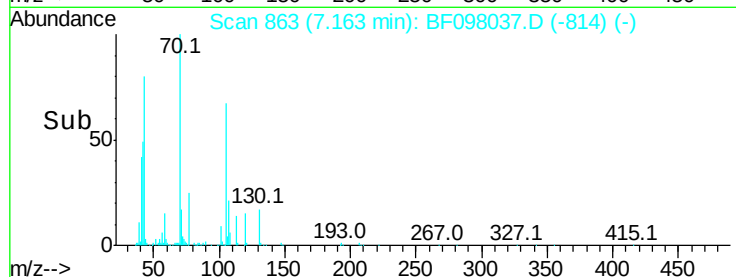
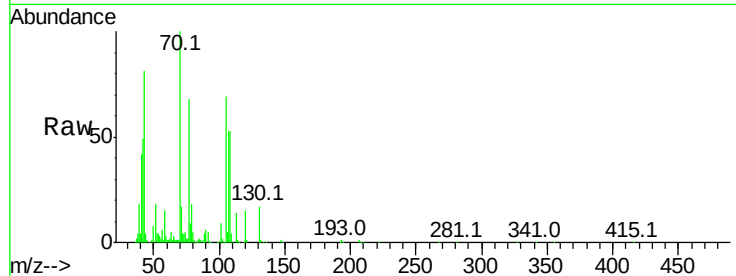
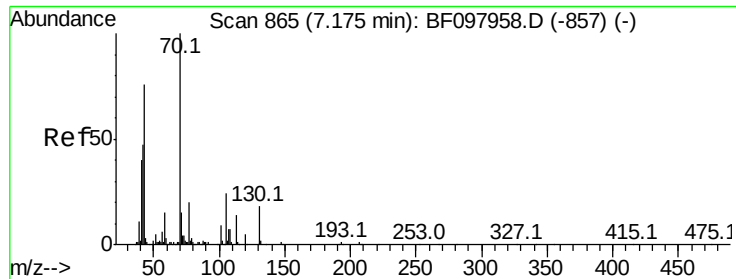
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#18
Hexachloroethane
Concen: 40.372 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	117	Resp	158703
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
201	82.0	94.6	141.8#





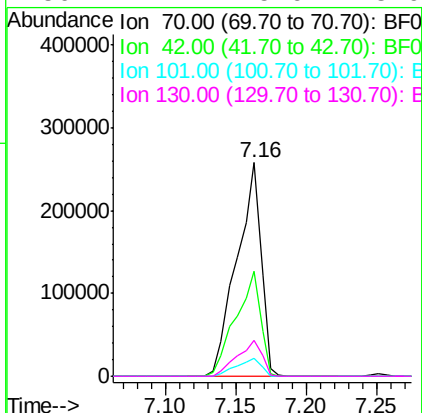
#19
n-Nitroso-di-n-propylamine
Concen: 38.411 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.2	70.8
101	8.7	7.2	10.8
130	17.1	15.9	23.9

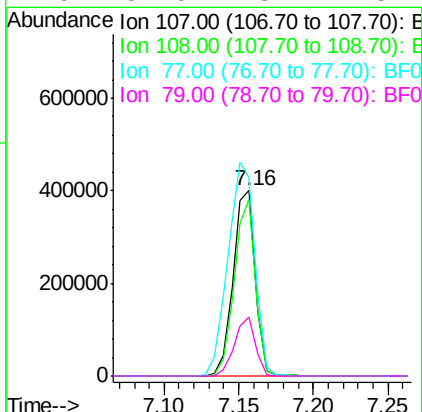
Manual Integrations
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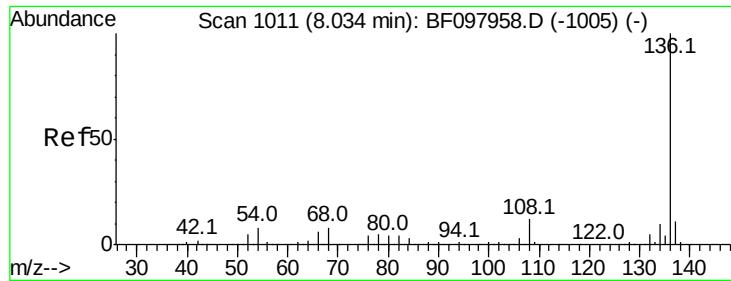
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#20
3+4-Methylphenols
Concen: 42.211 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	71.0	111.0
77	107.2	90.5	130.5
79	32.0	8.4	48.4





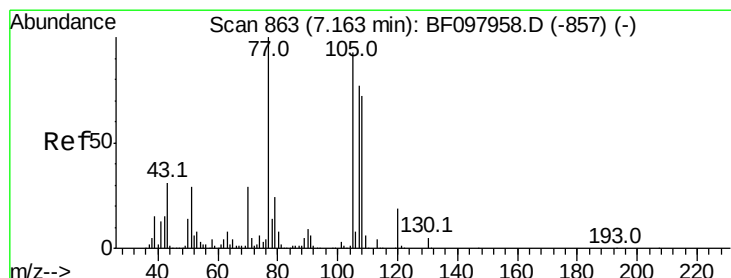
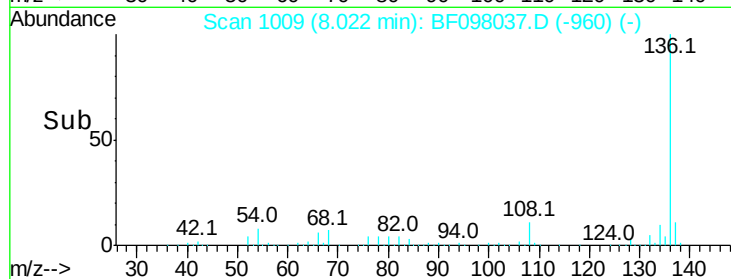
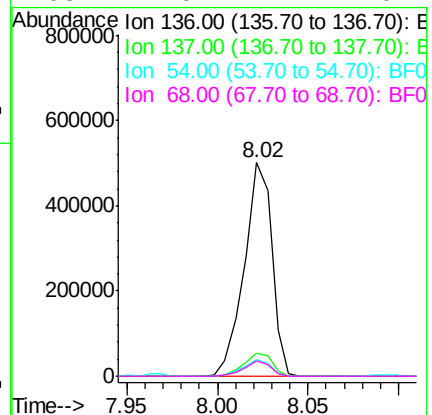
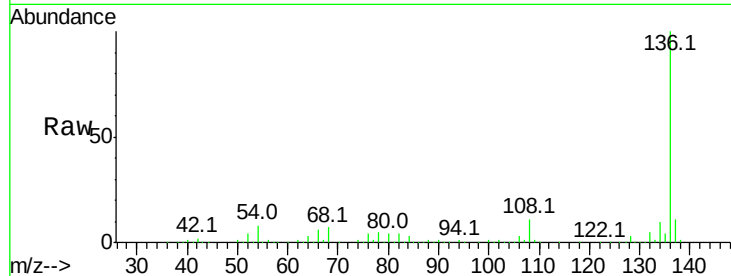
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.7	4.9	7.3#	
68	7.0	4.1	6.1#	

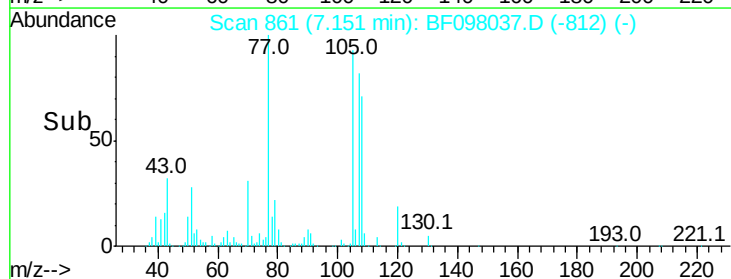
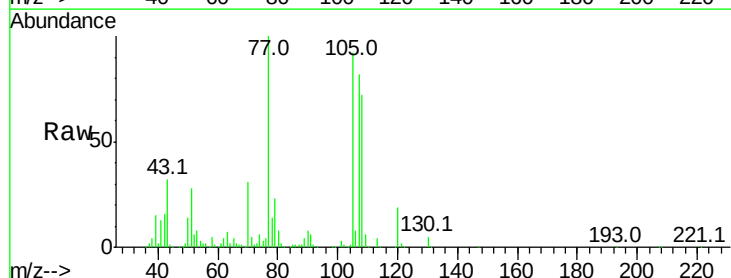
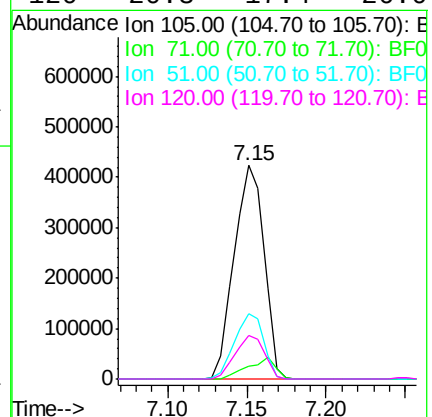
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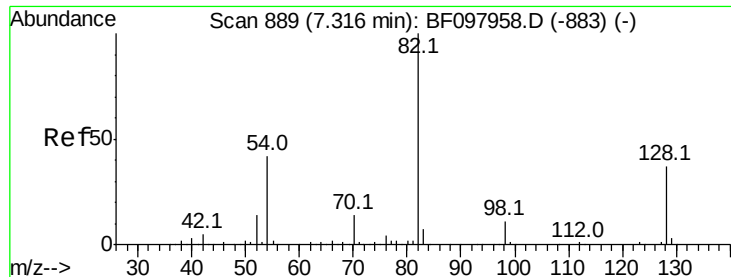
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#22
Acetophenone
Concen: 39.257 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	2.8	4.2#	
51	30.9	30.7	46.1	
120	20.3	17.4	26.0	





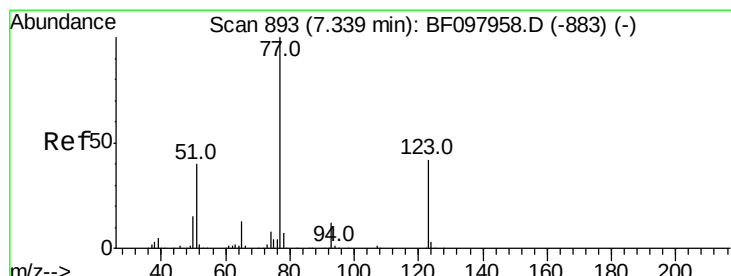
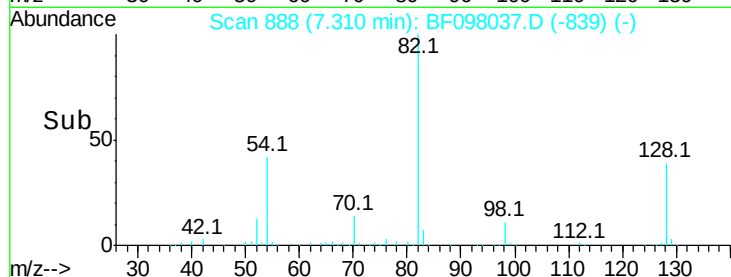
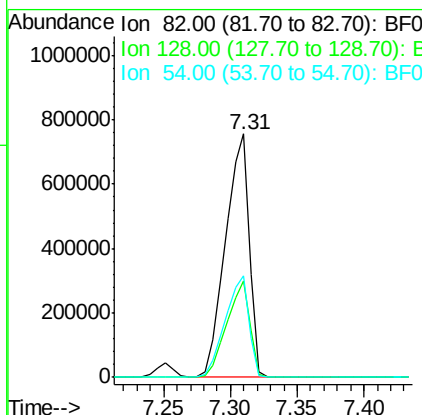
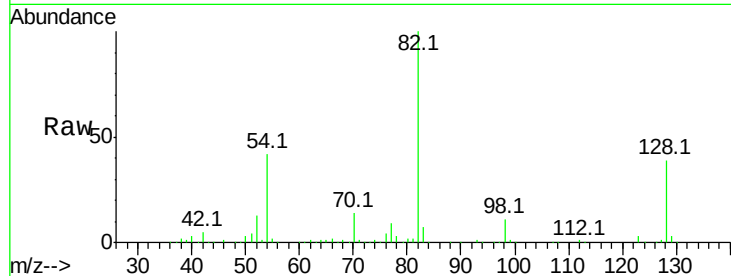
#23
 Nitrobenzene-d5
 Concen: 96.819 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampled :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.5	34.0	51.0	
54	41.6	42.2	63.2	

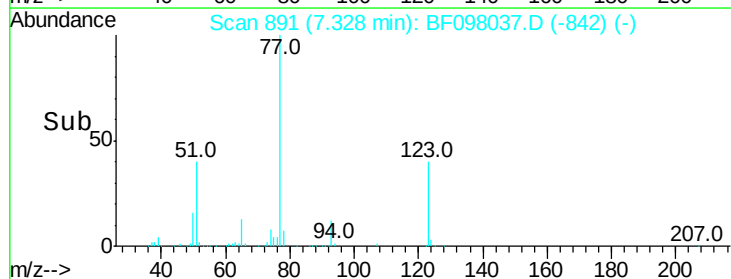
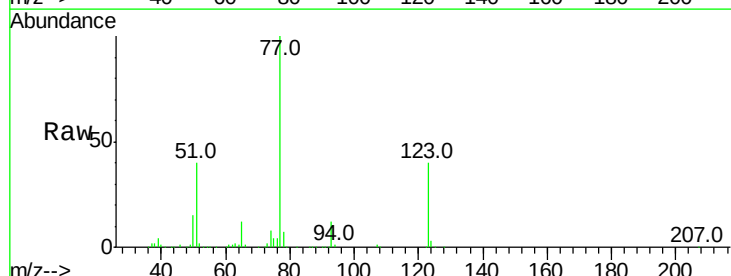
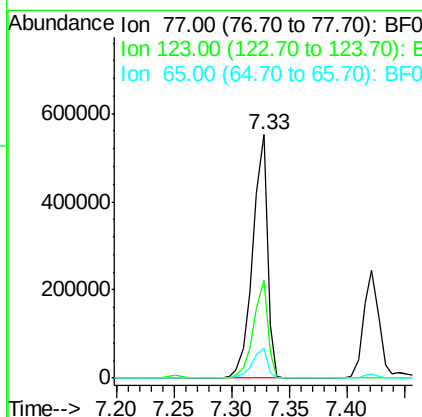
Manual Integrations
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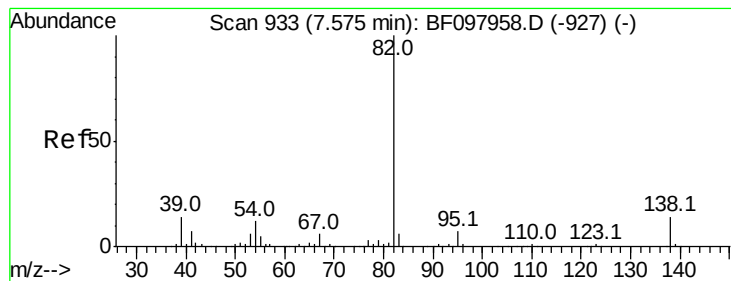
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#24
 Nitrobenzene
 Concen: 44.715 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.2	35.8	53.8	
65	12.5	10.6	15.8	





#25

Isophorone

Concen: 43.322 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

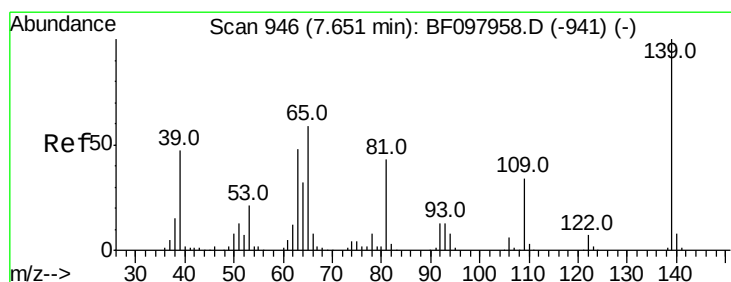
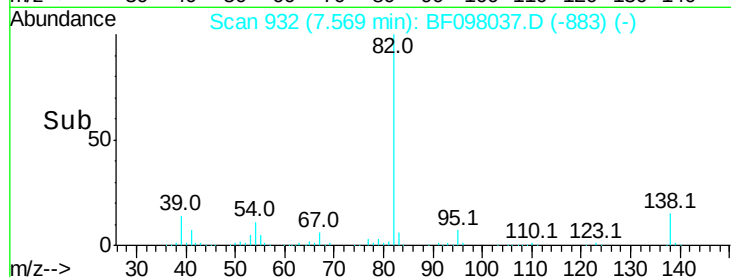
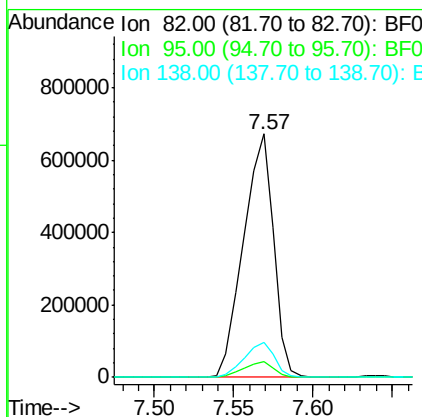
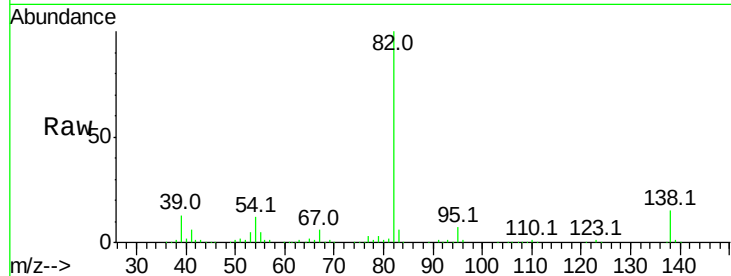
ClientSampleId :

PB101833BS

Tot Ion	82	Resp	885332
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	14.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.872 ng

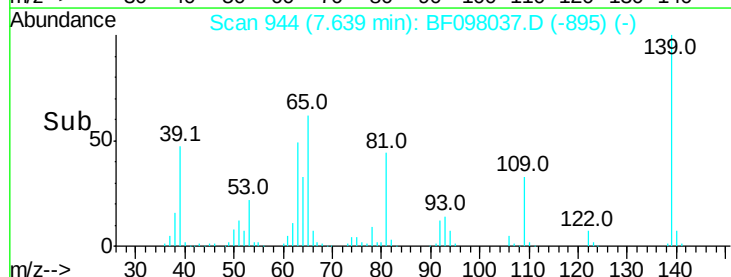
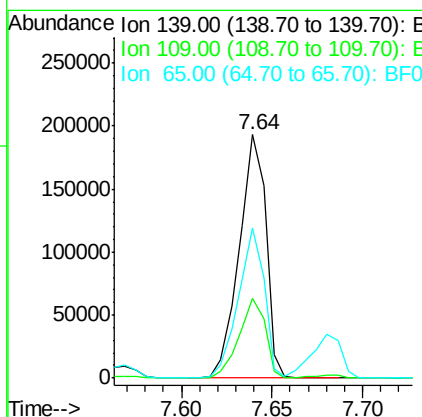
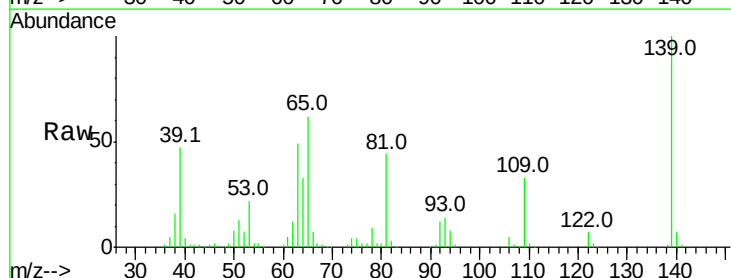
RT: 7.64 min Scan# 944

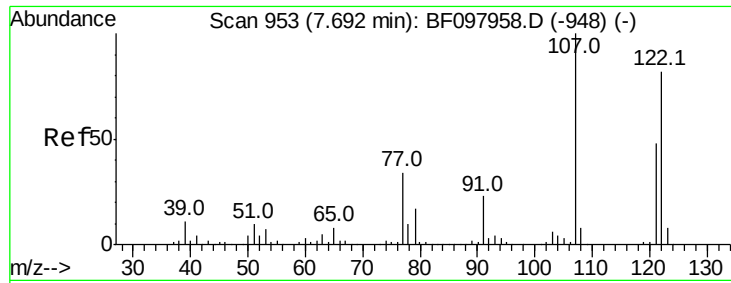
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion	139	Resp	198636
Ion Ratio	Lower	Upper	
139	100		
109	32.9	21.0	31.6#
65	61.8	33.0	49.6#





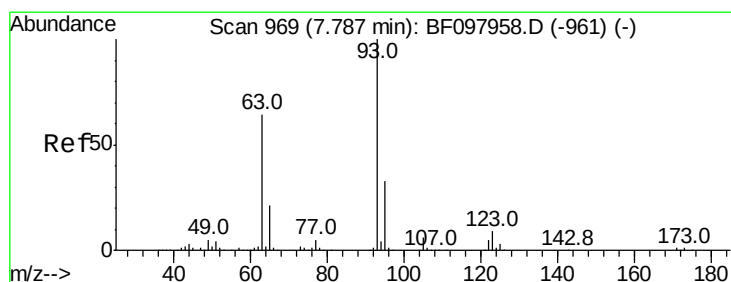
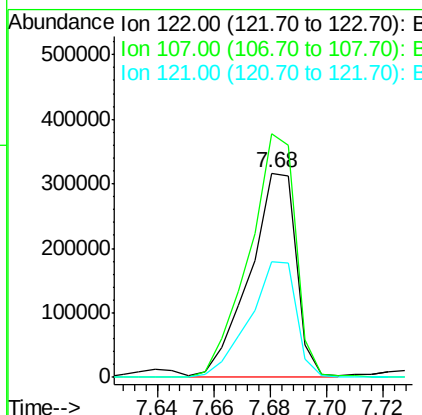
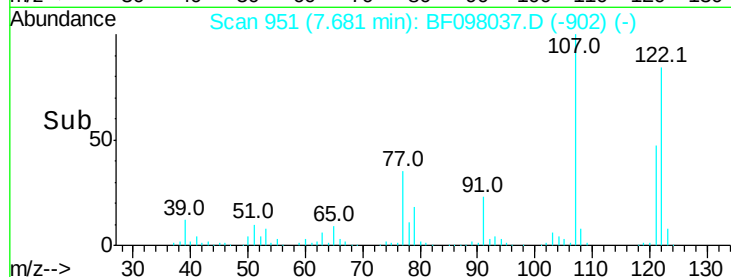
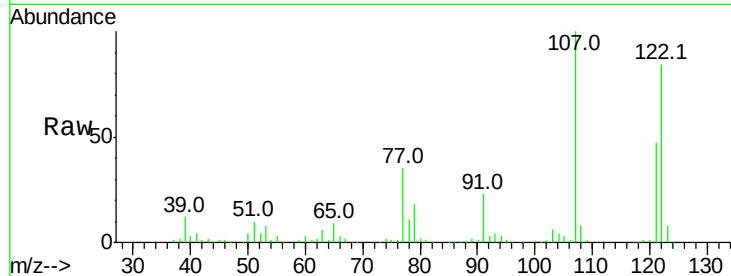
#27
 2,4-Dimethylphenol
 Concen: 42.727 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampled :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.3	89.2	133.8	
121	56.6	45.2	67.8	

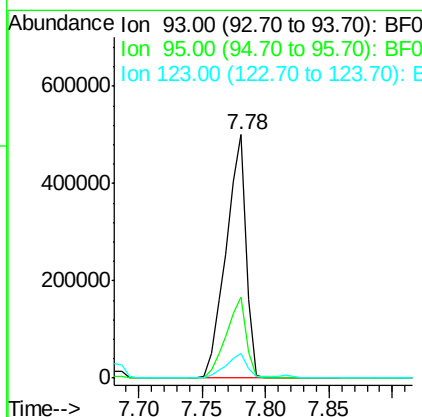
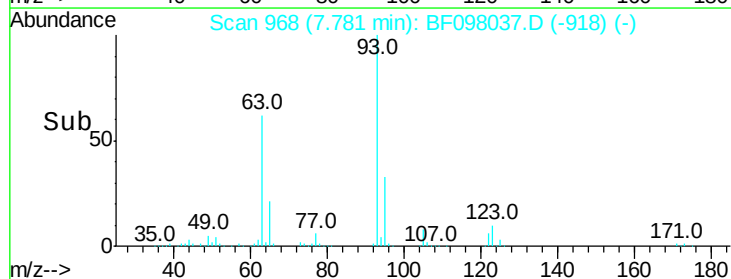
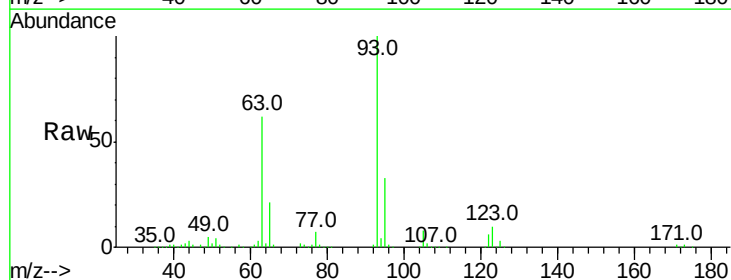
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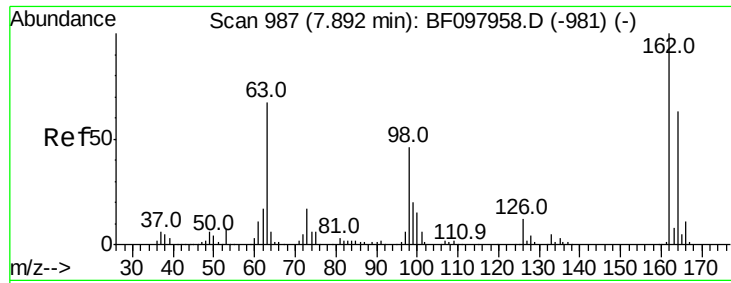
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.690 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.4	26.5	39.7	
123	10.3	9.0	13.4	





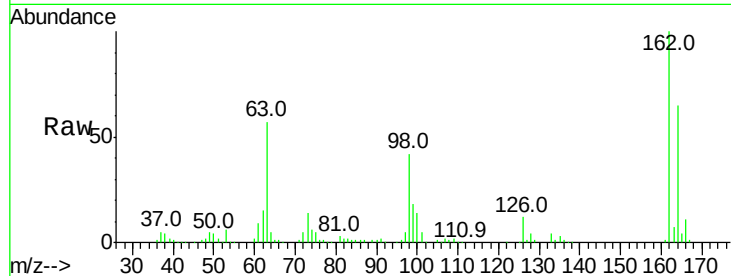
#29
 2,4-Dichlorophenol
 Concen: 43.942 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

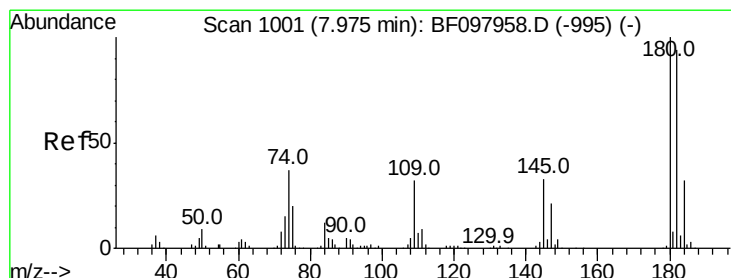
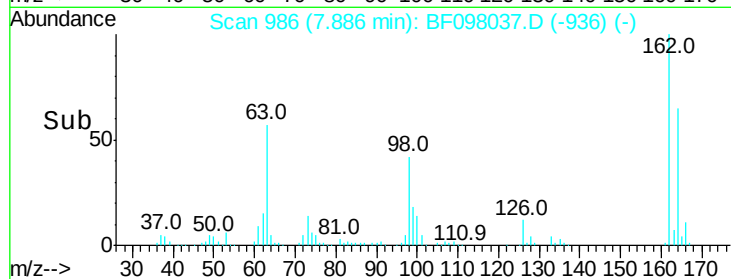
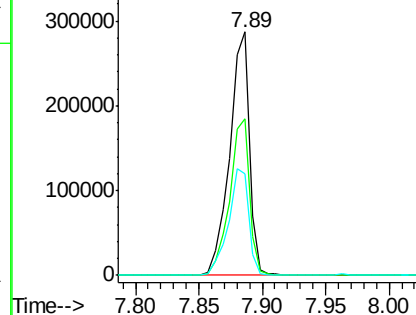
Tot Ion:	162	Resp:	310884
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.6	84.6
98	41.7	14.8	54.8

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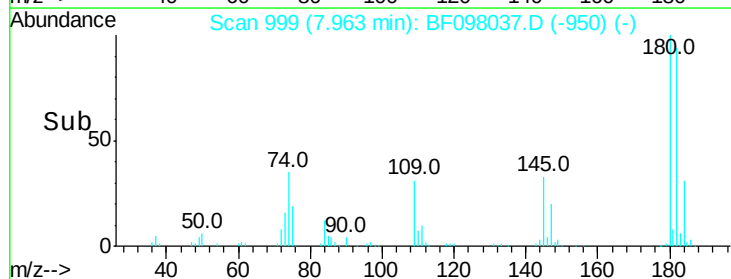
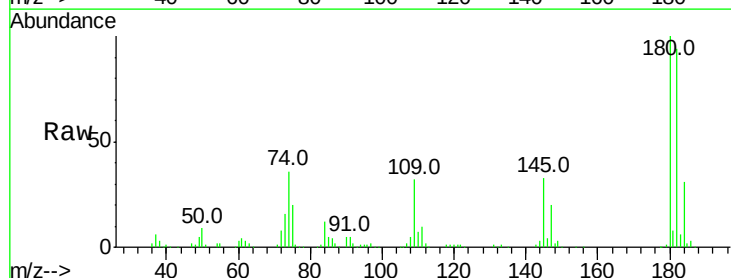
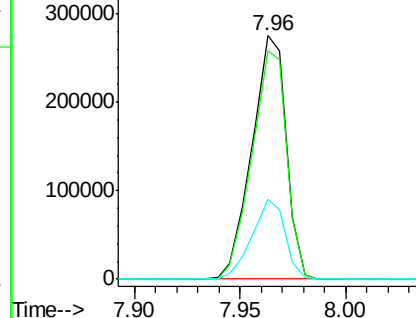
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

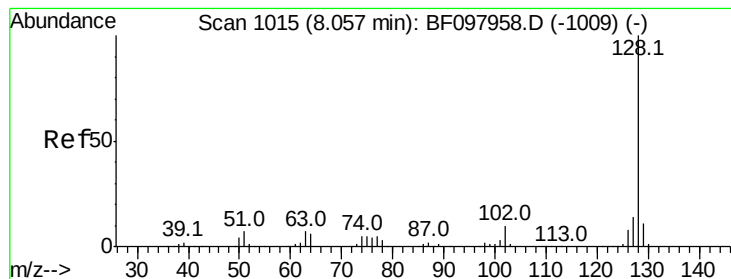


#30
 1,2,4-Trichlorobenzene
 Concen: 39.663 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:	180	Resp:	311076
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.8	113.6
145	32.8	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.075 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

Tot Ion:128 Resp: 1110781

Ion Ratio Lower Upper

128 100

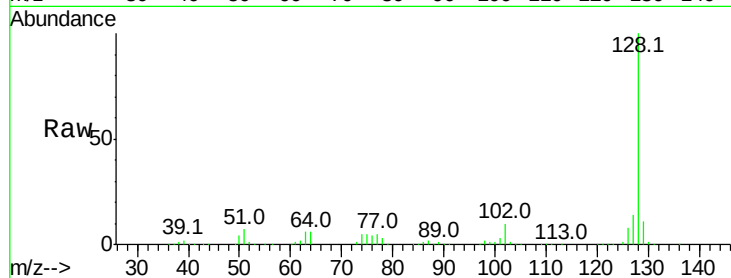
129 11.3 9.0 13.6

127 13.7 10.8 16.2

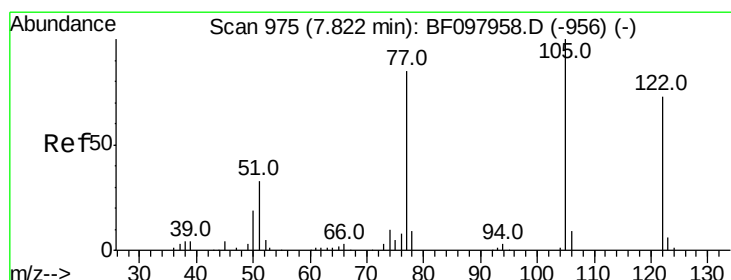
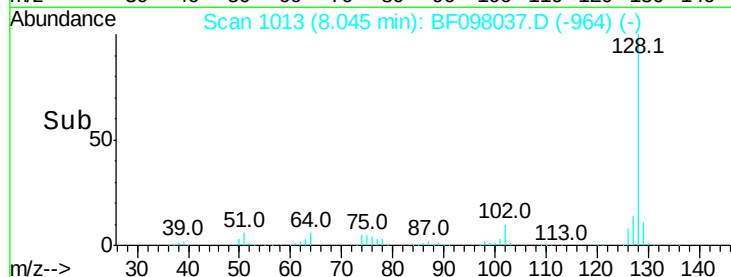
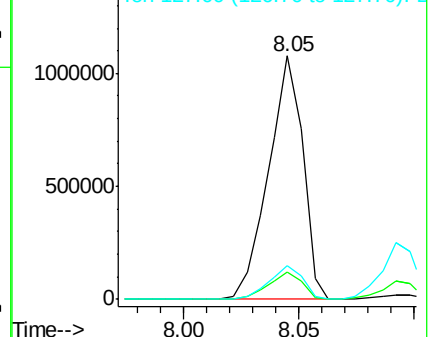
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.709 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

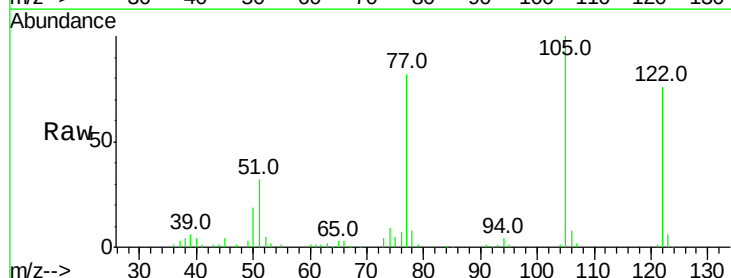
Tgt Ion:122 Resp: 209995

Ion Ratio Lower Upper

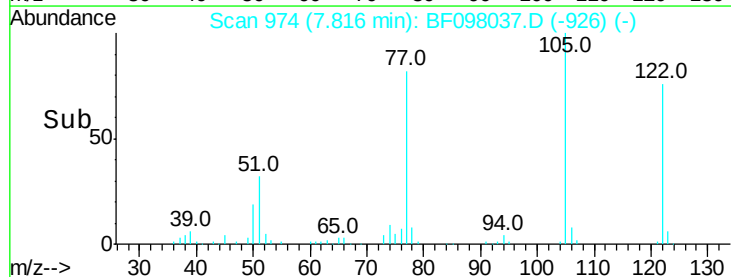
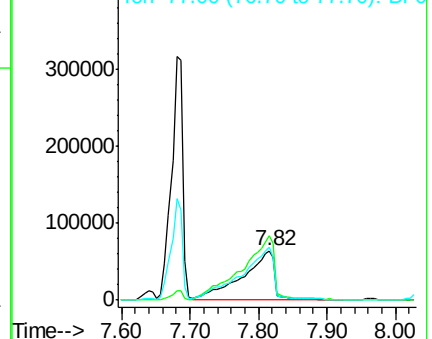
122 100

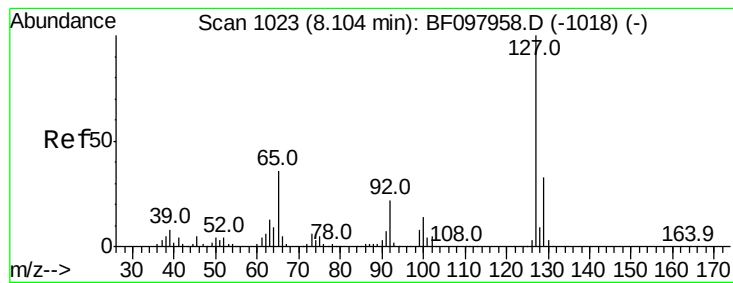
105 130.8 103.3 143.3

77 107.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





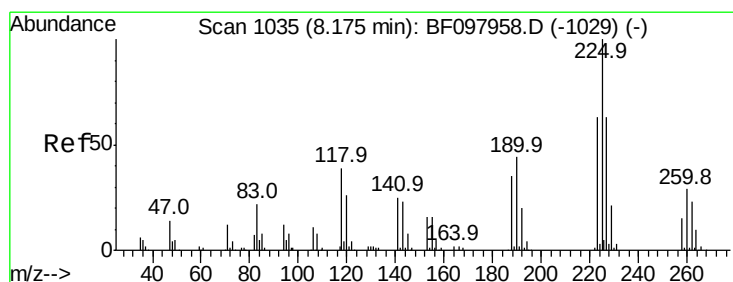
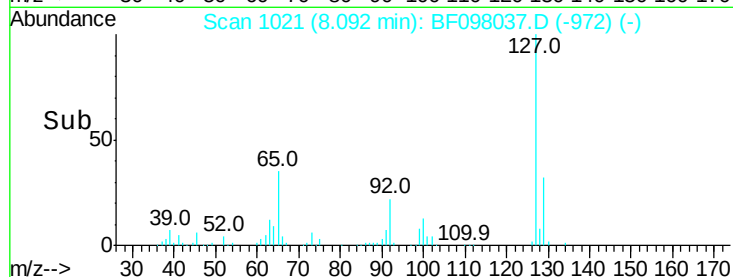
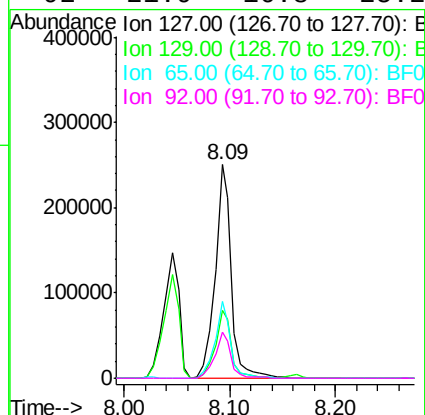
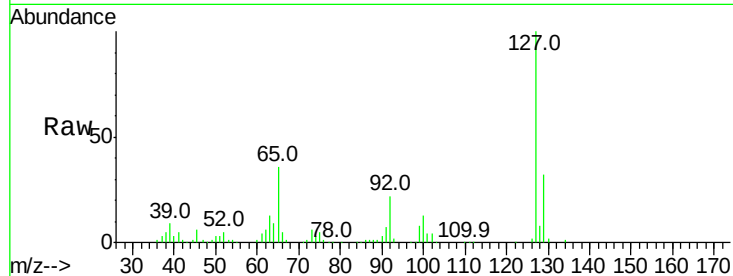
#33
4-Chloroaniline
Concen: 23.193 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	271122		
129	31.5	26.2	39.2	
65	35.8	27.8	41.8	
92	21.9	16.8	25.2	

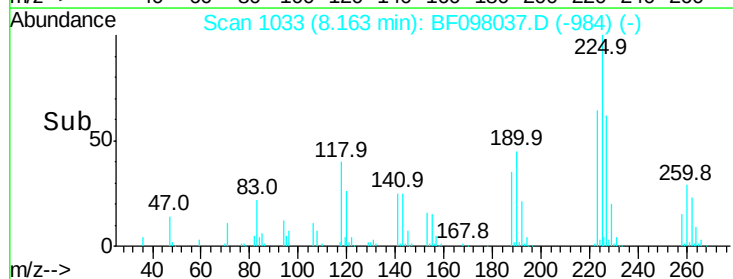
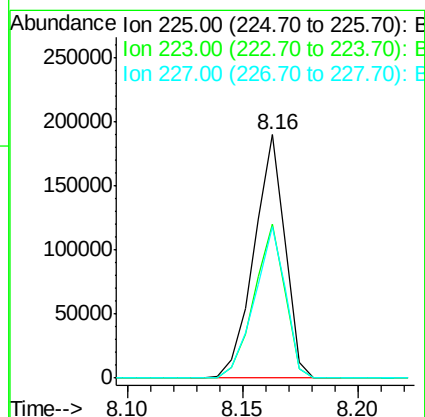
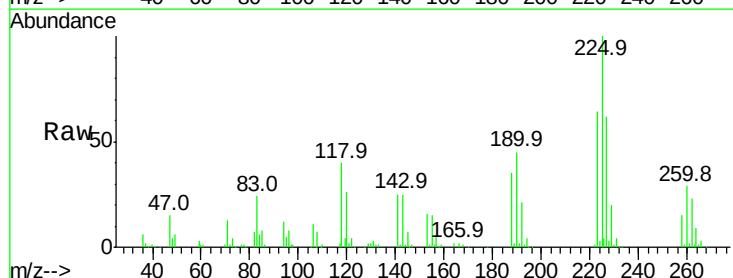
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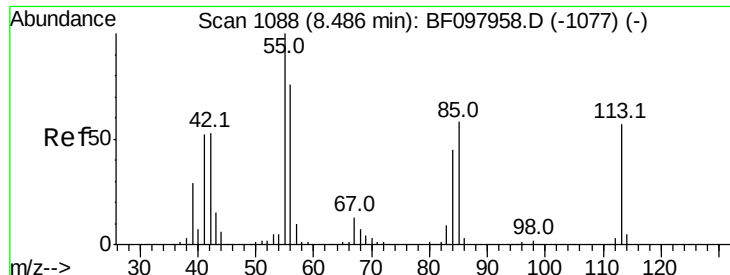
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#34
Hexachlorobutadiene
Concen: 38.786 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	177610		
223	63.5	48.8	73.2	
227	62.1	51.1	76.7	





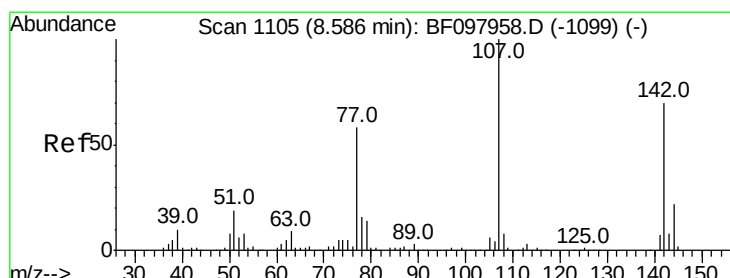
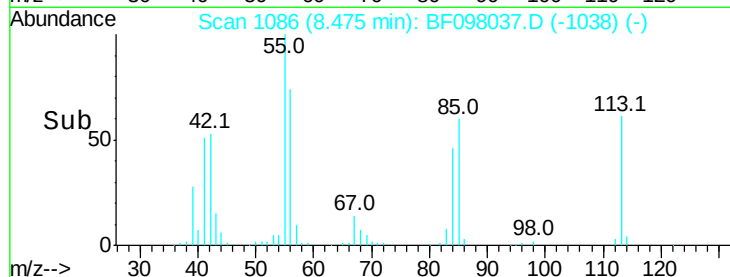
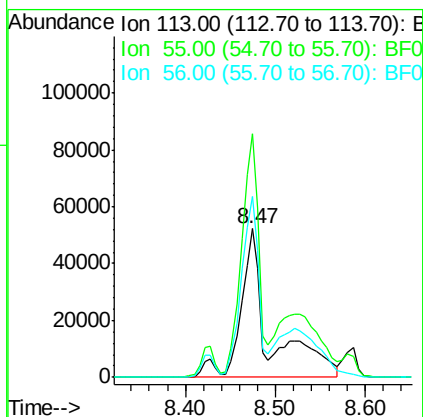
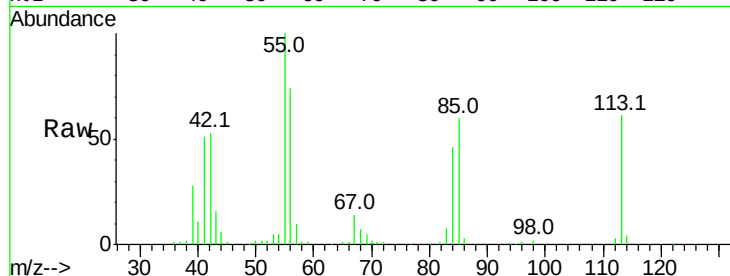
#35
 Caprolactam
 Concen: 48.827 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.0	150.2	190.2
56	121.5	107.8	147.8

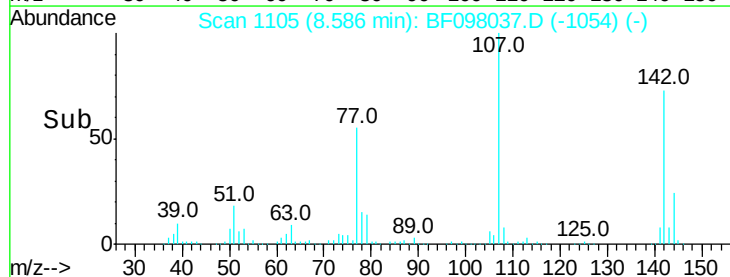
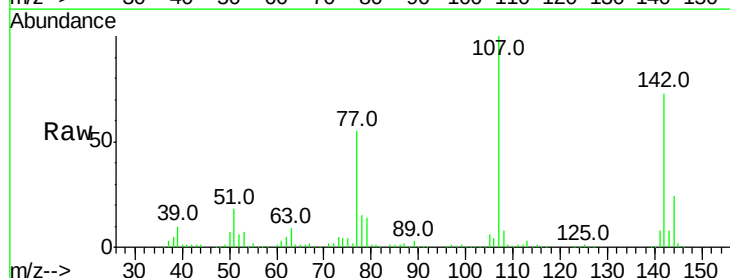
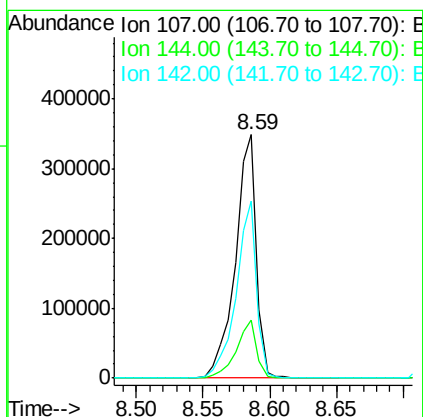
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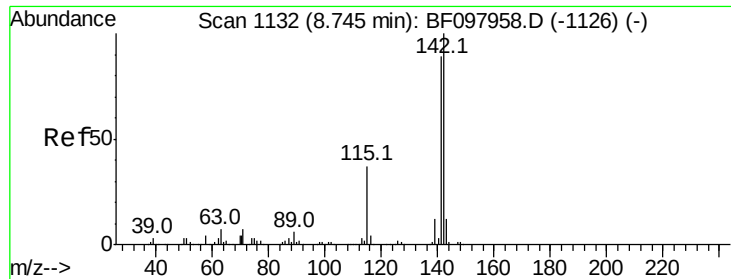
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#36
 4-Chloro-3-methylphenol
 Concen: 42.338 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	24.2	36.4#
142	72.6	73.4	110.0#





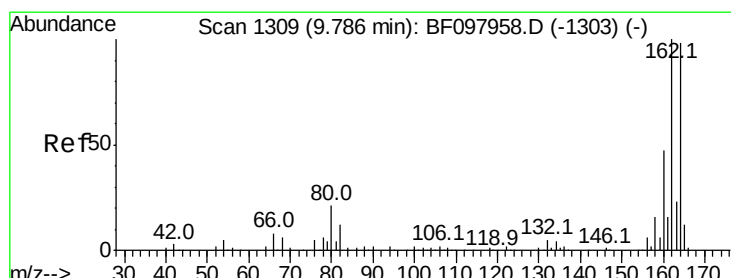
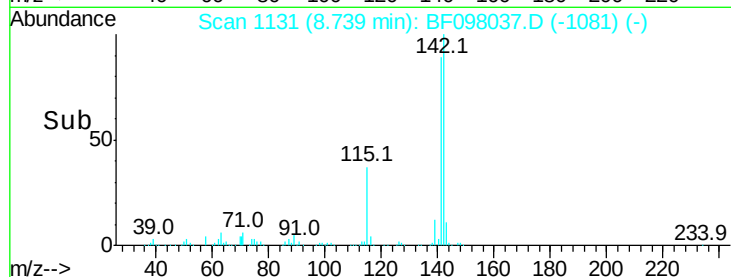
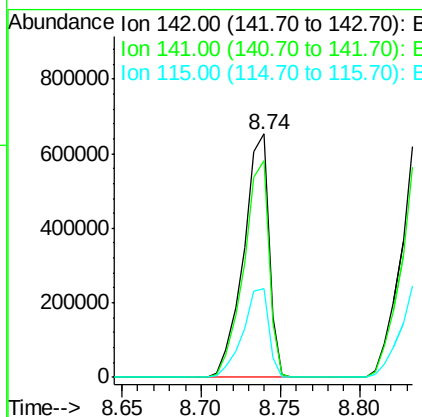
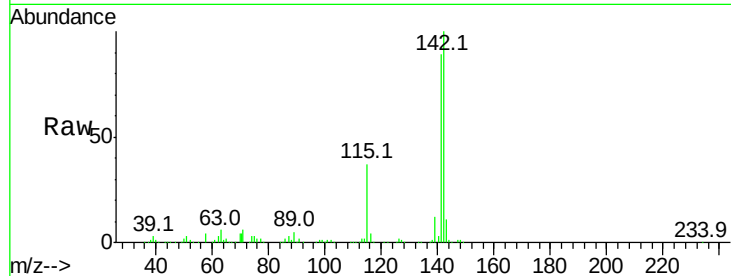
#37
 2-Methylnaphthalene
 Concen: 42.535 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	36.6	27.1	40.7

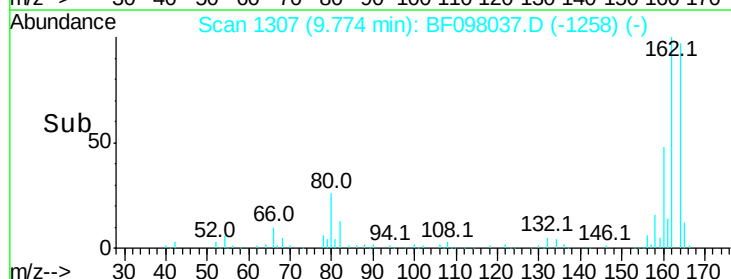
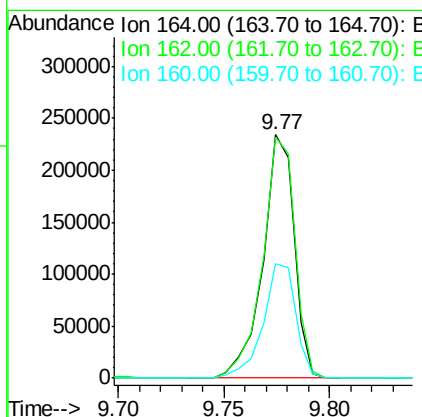
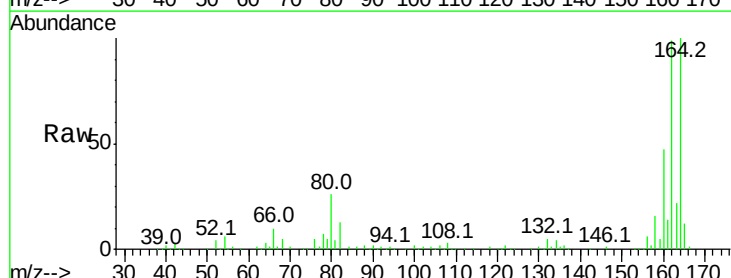
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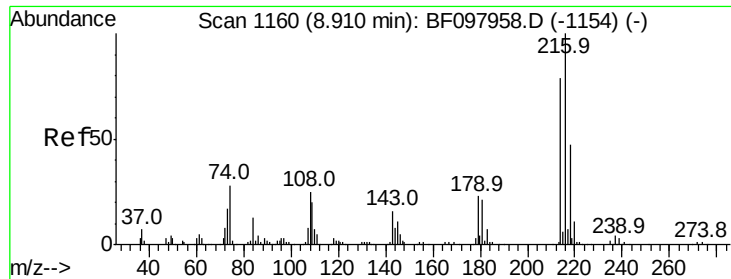
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.6	123.8
160	46.9	36.2	54.2





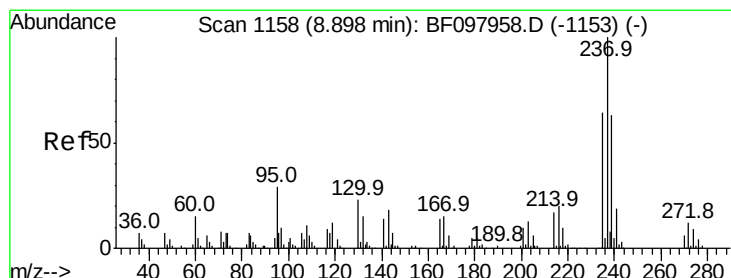
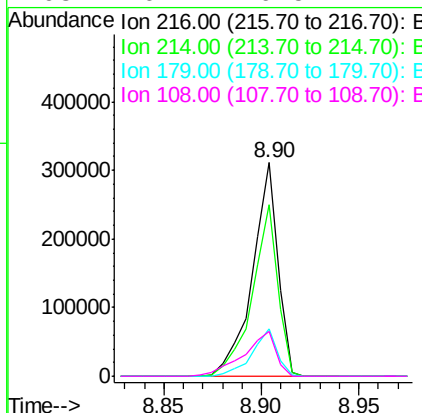
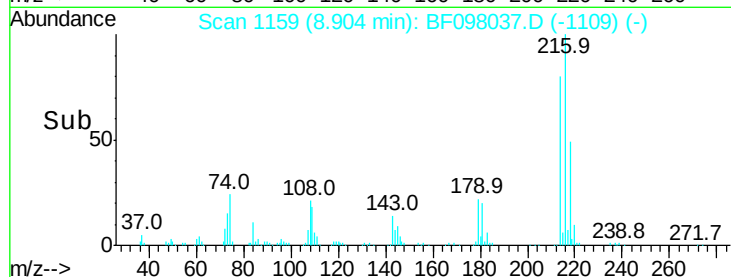
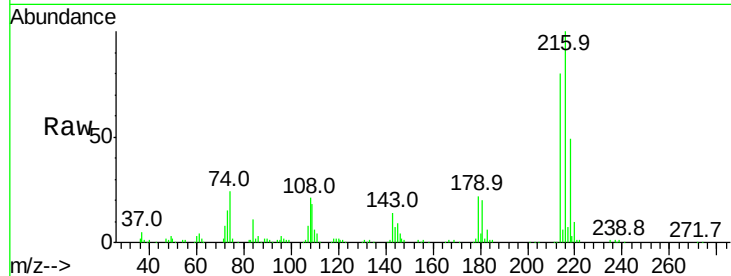
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.077 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.4	95.2
179	21.7	17.9	26.9
108	26.7	16.5	24.7

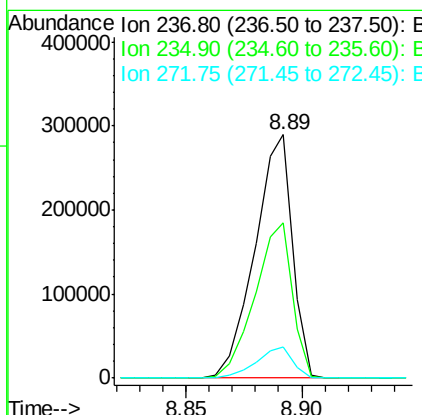
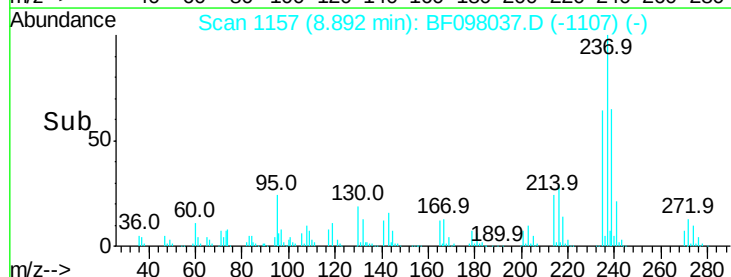
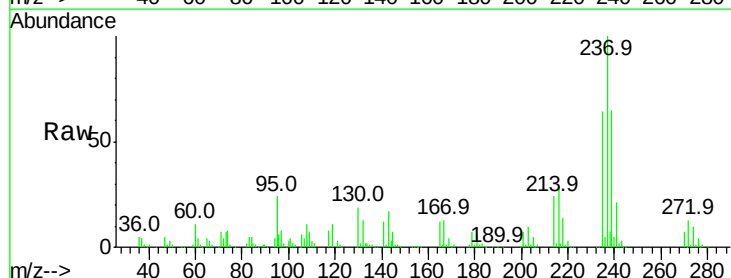
Manual Integrations
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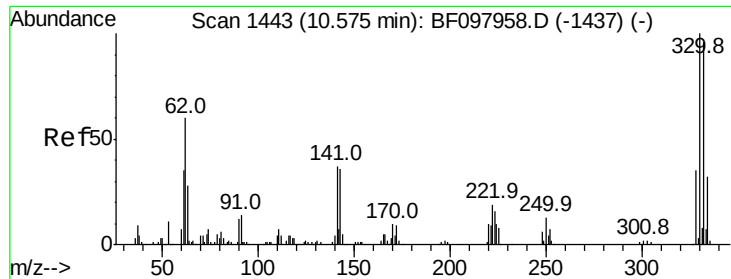
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#40
 Hexachlorocyclopentadiene
 Concen: 91.948 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	42.6	82.6
272	12.9	0.0	31.9





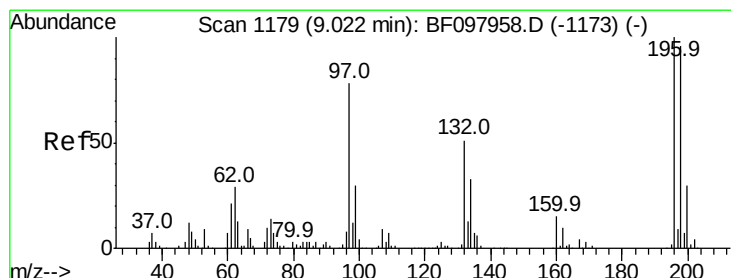
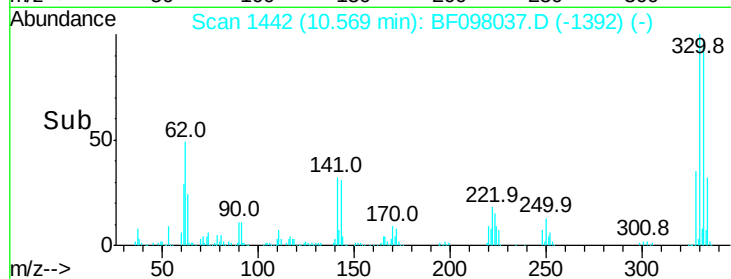
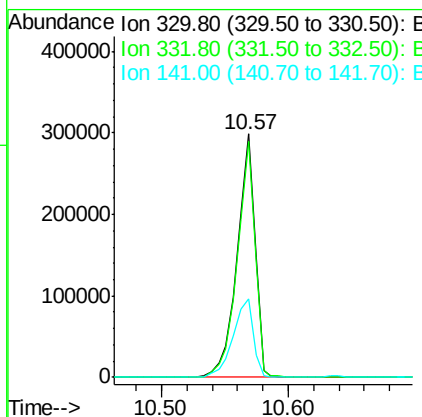
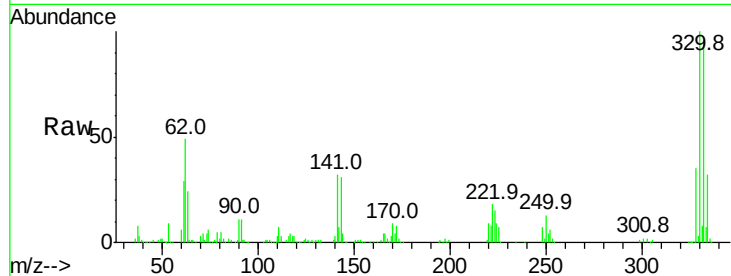
#41
 2,4,6-Tribromophenol
 Concen: 138.895 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	291534		
332	96.2	76.6	115.0	
141	36.3	31.4	47.2	

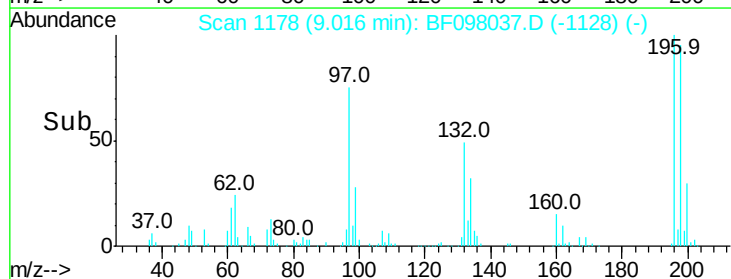
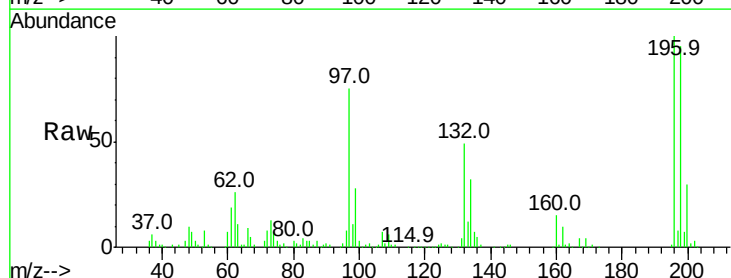
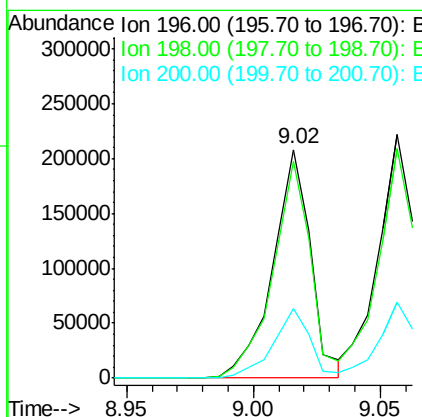
Manual Integrations
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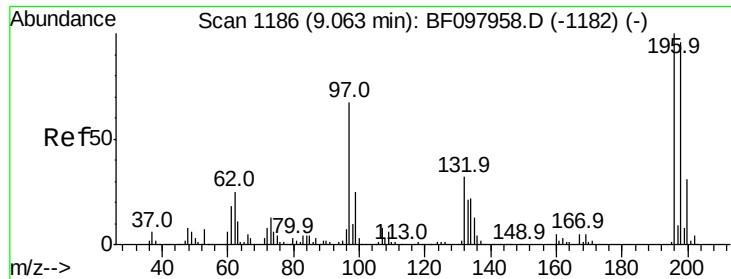
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#42
 2,4,6-Trichlorophenol
 Concen: 43.241 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215527		
198	94.6	74.2	111.4	
200	30.2	24.0	36.0	





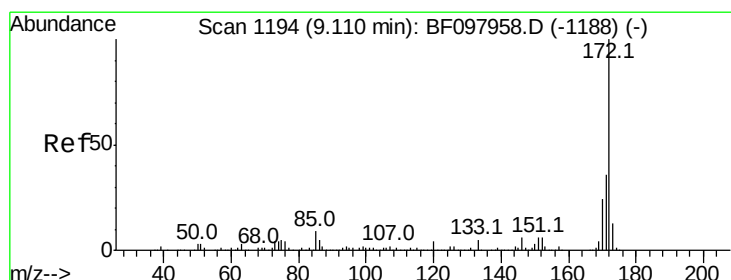
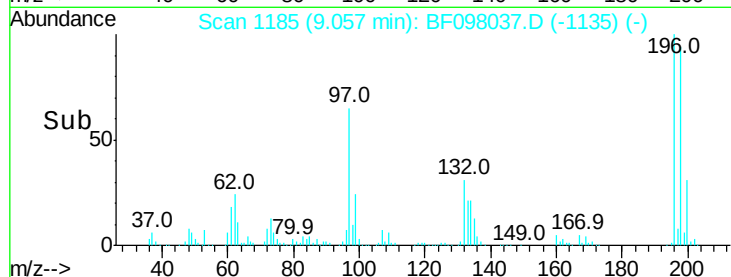
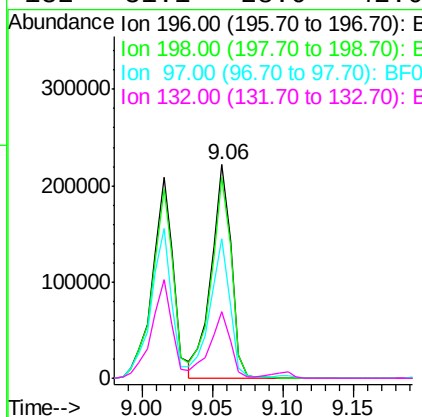
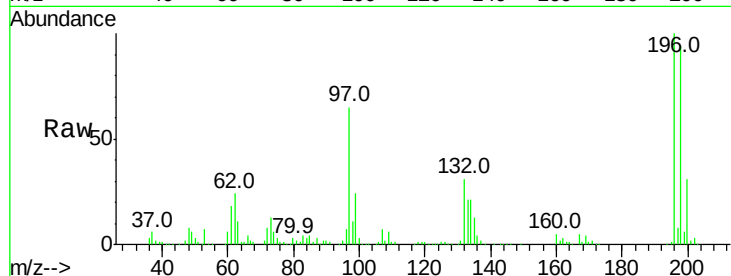
#43
 2,4,5-Trichlorophenol
 Concen: 44.421 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	196	Resp	219654
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
97	65.4	47.7	71.5
132	31.1	28.0	42.0

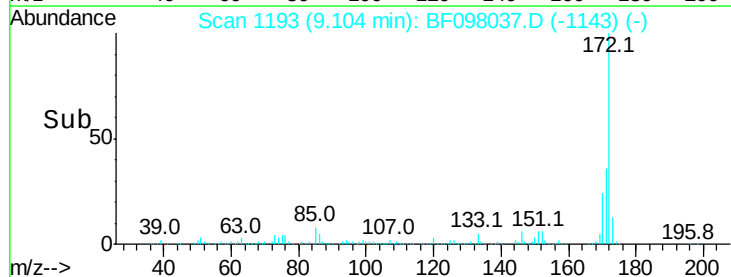
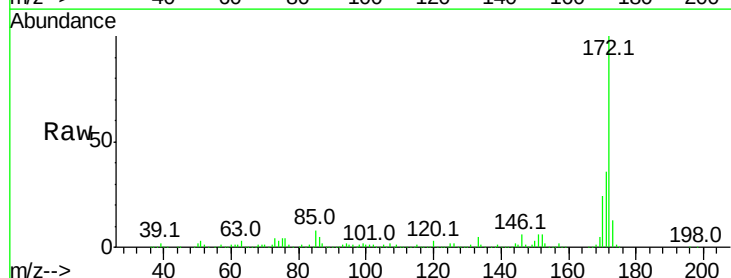
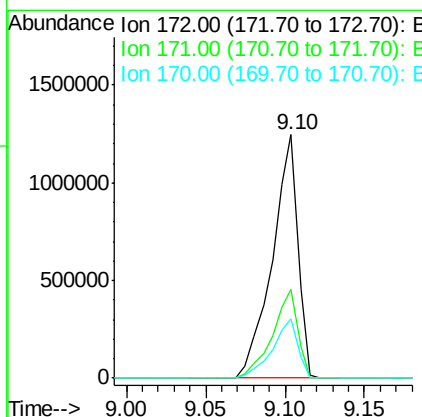
Manual Integrations
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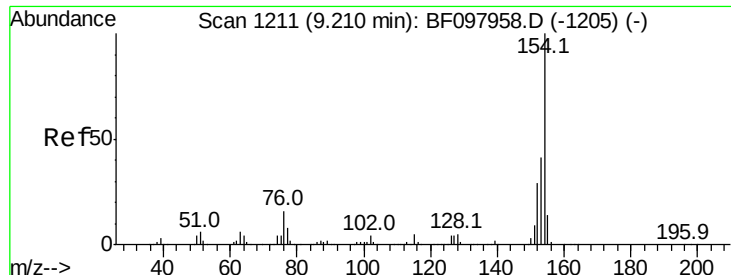
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 84.914 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	172	Resp	1398135
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8





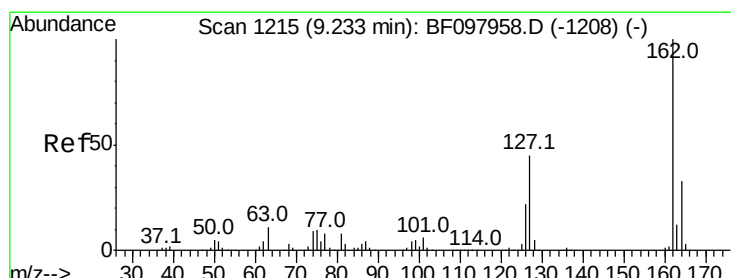
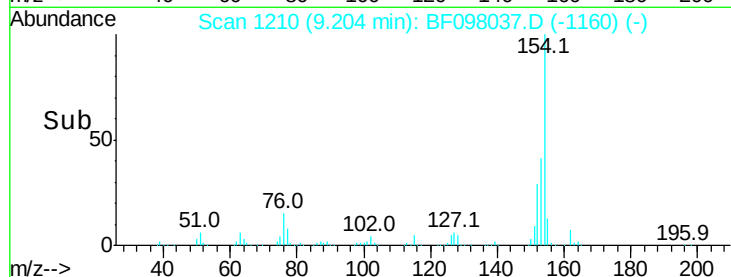
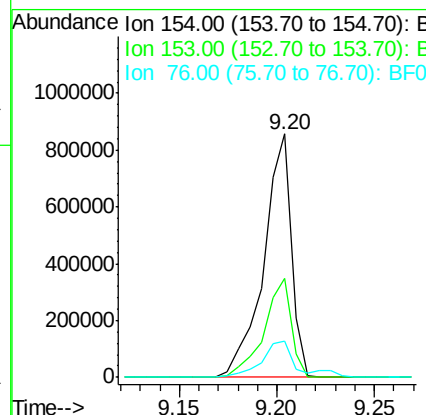
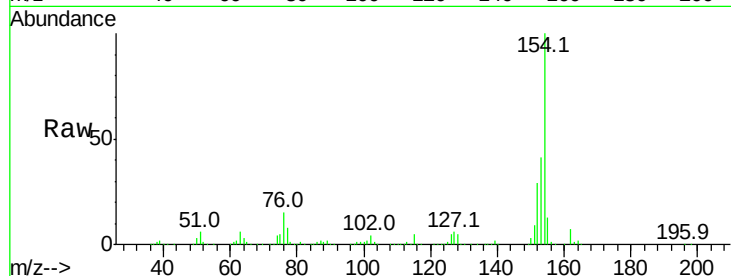
#45
 1,1'-Biphenyl
 Concen: 38.119 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.2	61.2	
76	14.8	0.0	29.9	

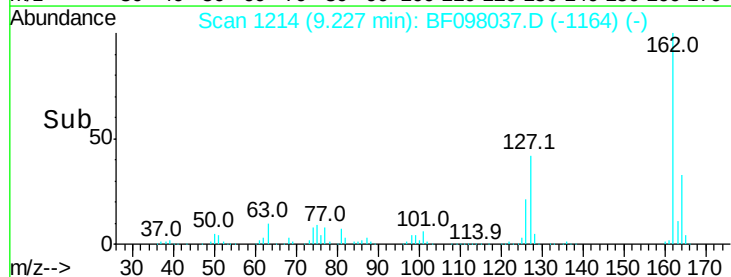
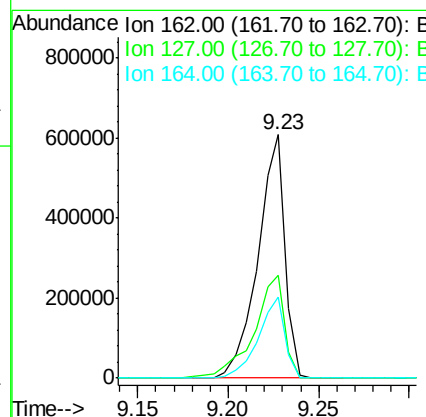
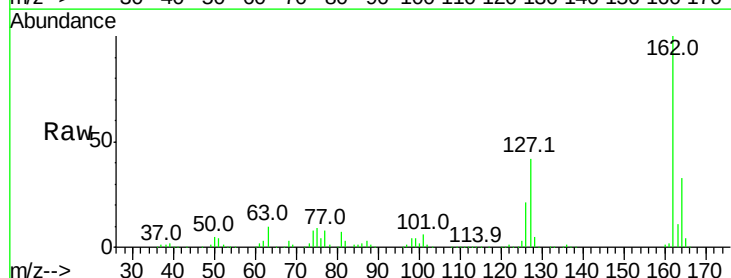
Manual Integrations
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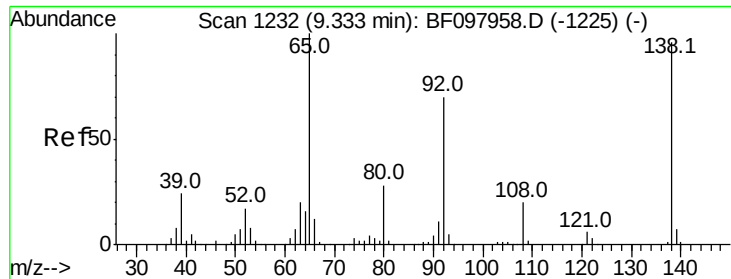
Sohil
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#46
 2-Chloronaphthalene
 Concen: 38.489 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	28.3	42.5	
164	33.1	27.0	40.4	





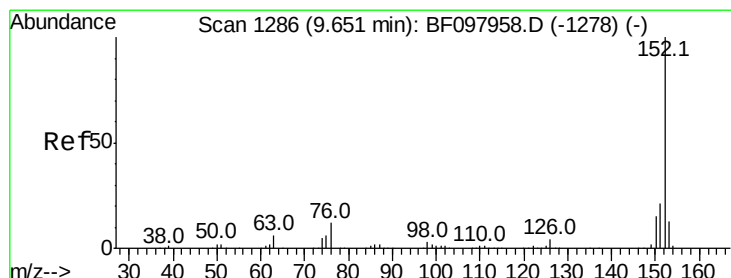
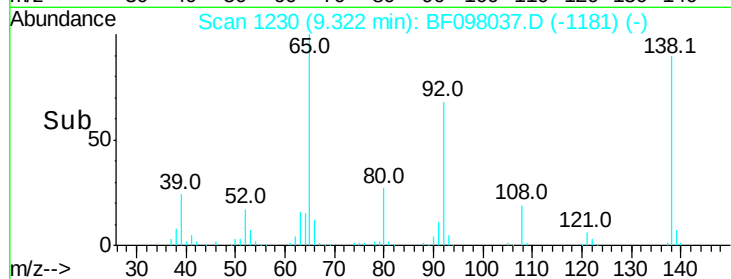
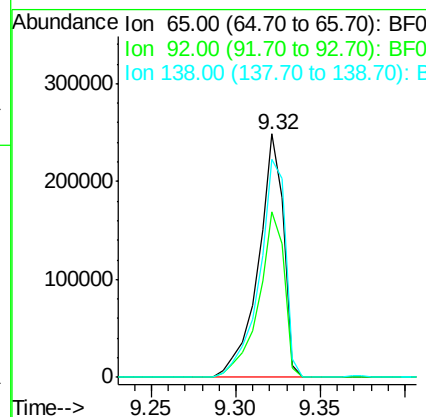
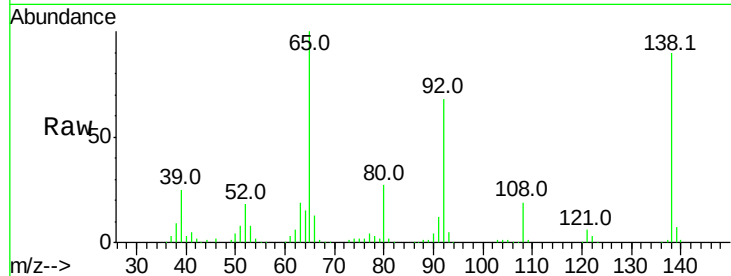
#47
2-Nitroaniline
Concen: 47.377 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.9	80.9
138	89.5	78.8	118.2

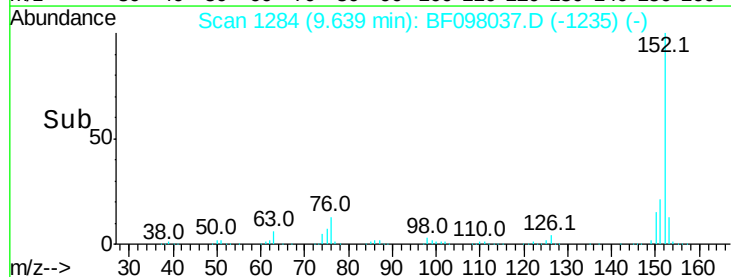
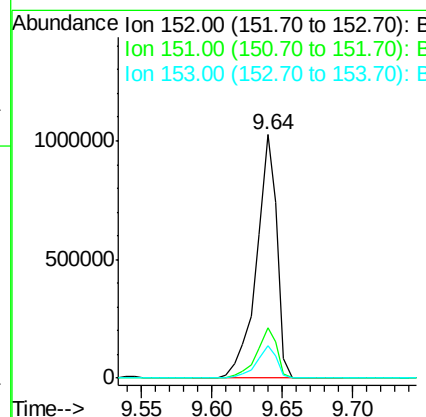
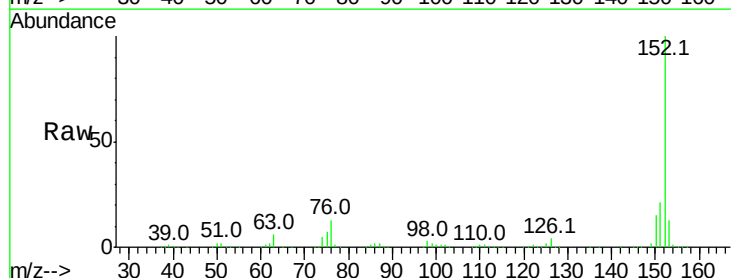
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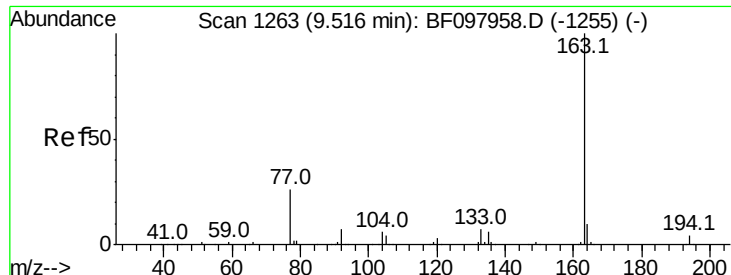
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#48
Acenaphthylene
Concen: 40.512 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.8	16.2





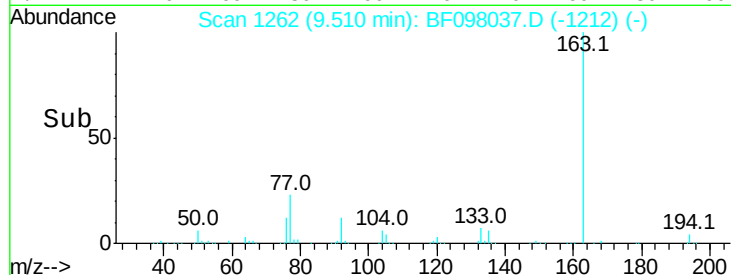
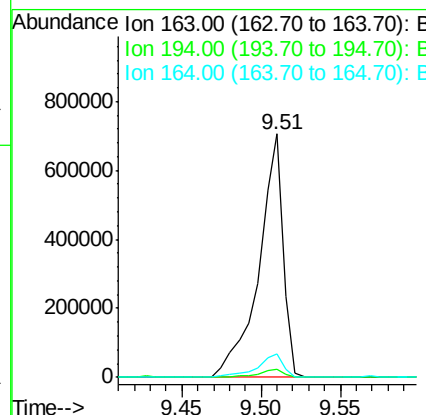
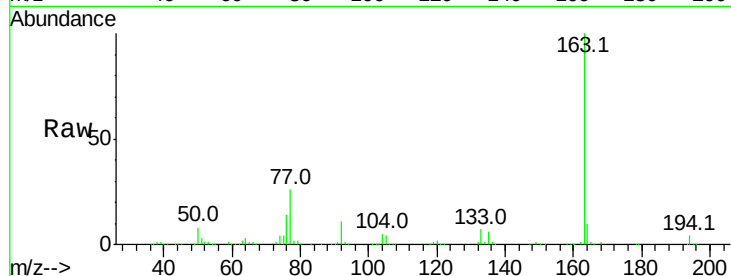
#49
Dimethylphthalate
Concen: 42.681 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.9	8.4	12.6	

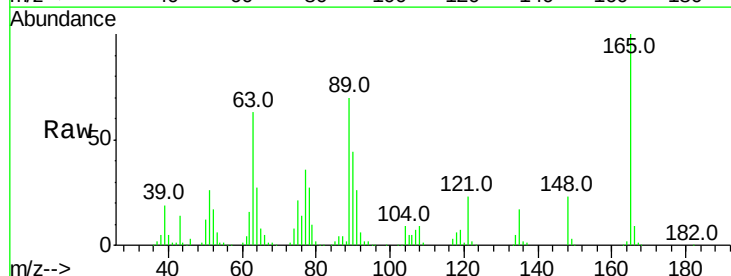
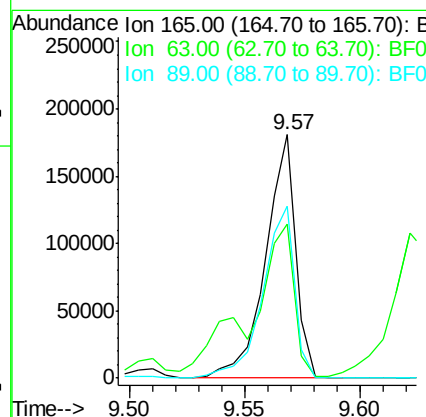
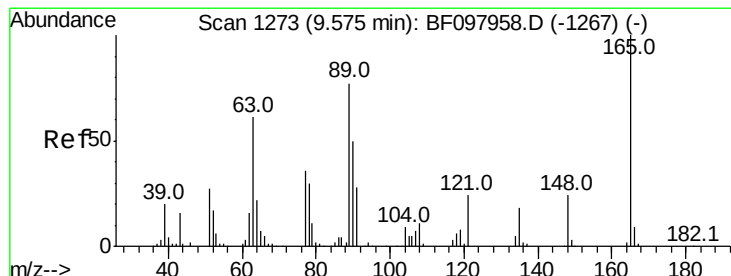
Manual Integrations
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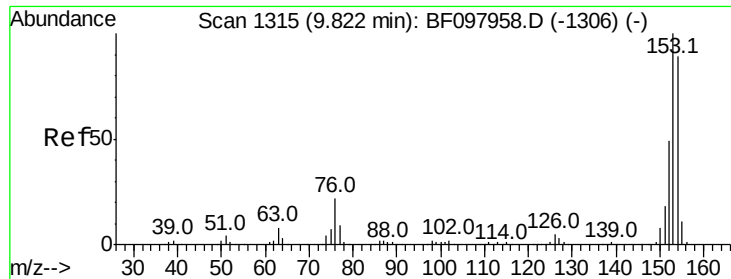
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#50
2,6-Dinitrotoluene
Concen: 46.522 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.4	34.3	51.5#	
89	70.5	37.1	55.7#	





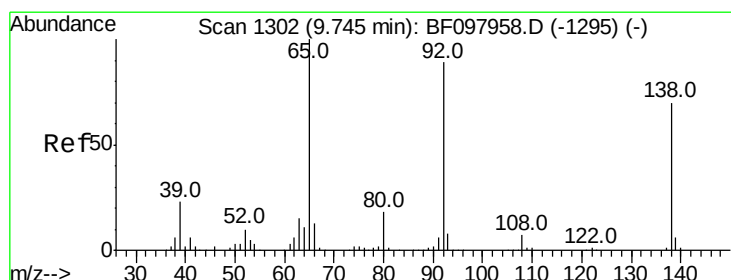
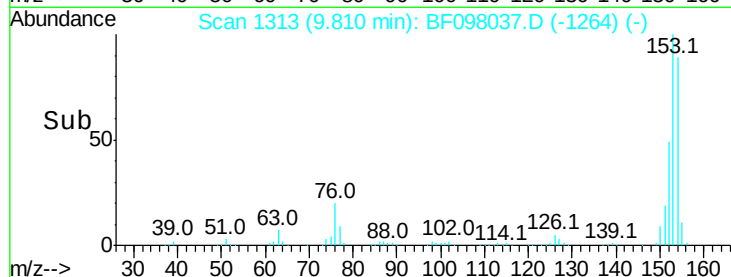
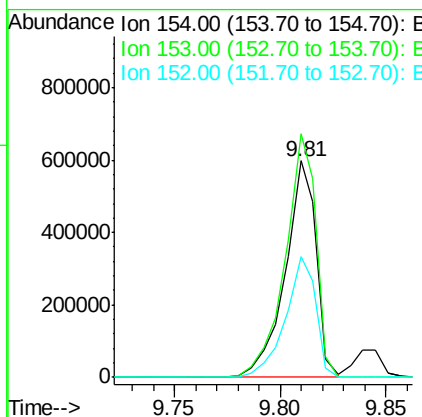
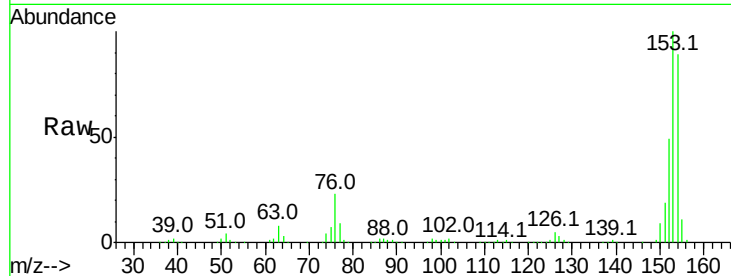
#51
Acenaphthene
Concen: 37.790 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.5	135.7
152	55.6	43.6	65.4

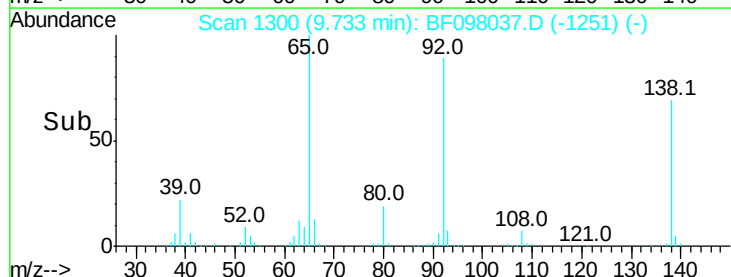
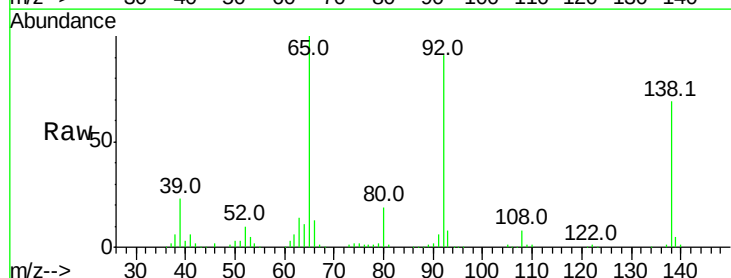
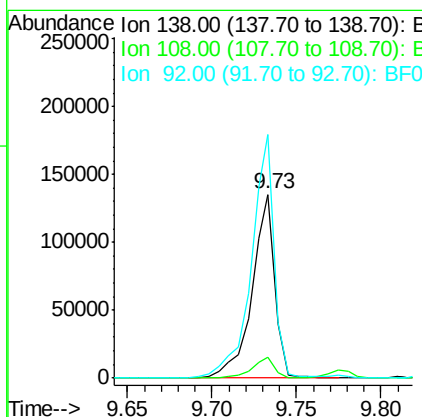
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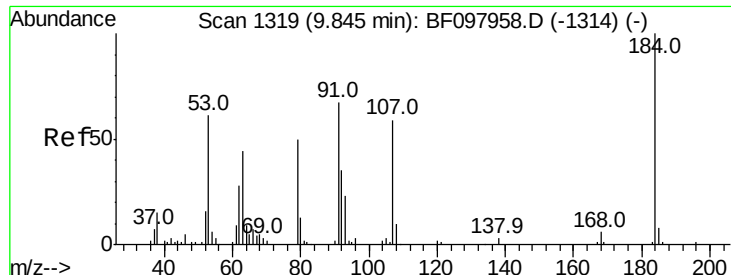
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#52
3-Nitroaniline
Concen: 28.076 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.1	13.7
92	132.3	93.8	140.6





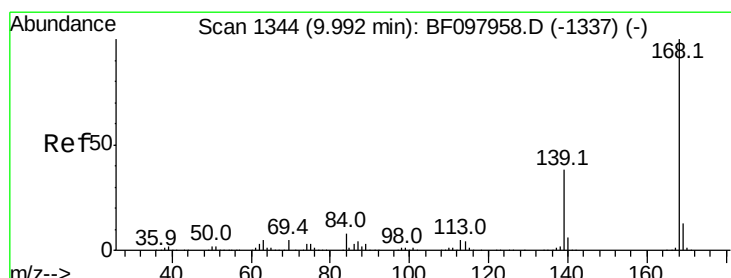
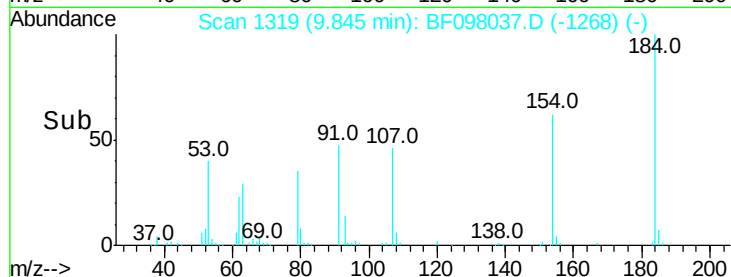
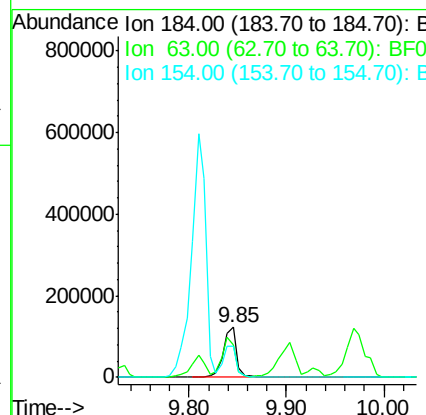
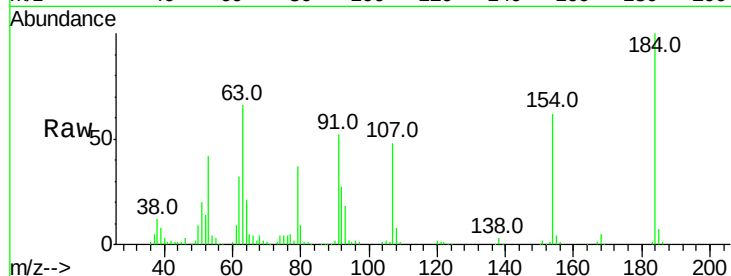
#53
2,4-Dinitrophenol
Concen: 71.460 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampled :
PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	117900		
63	65.9	62.7	94.1	
154	62.1	81.1	121.7#	

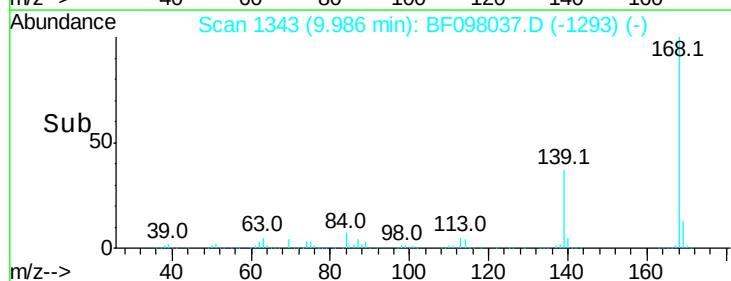
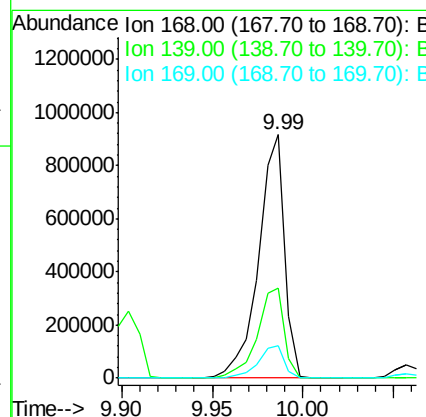
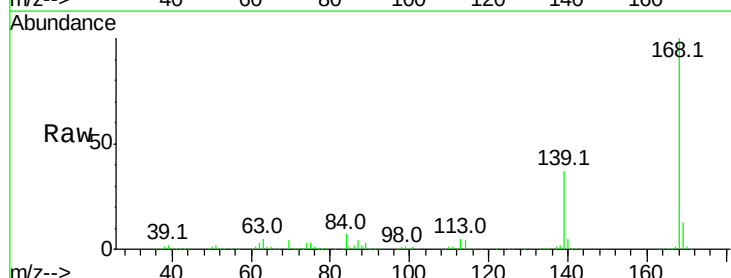
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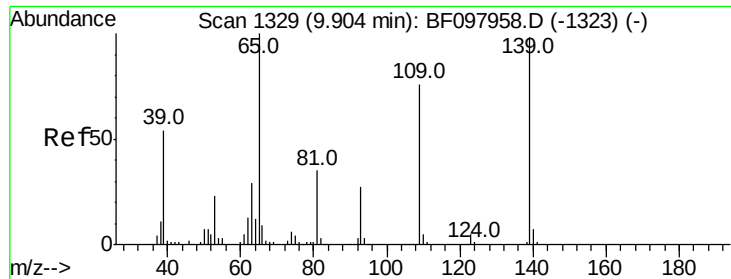
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#54
Dibenzofuran
Concen: 42.154 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	912003		
139	37.0	30.6	45.8	
169	13.4	10.8	16.2	





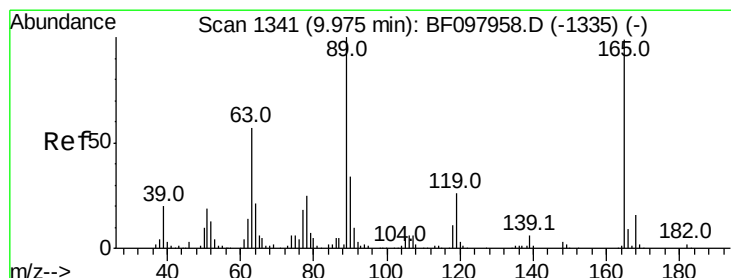
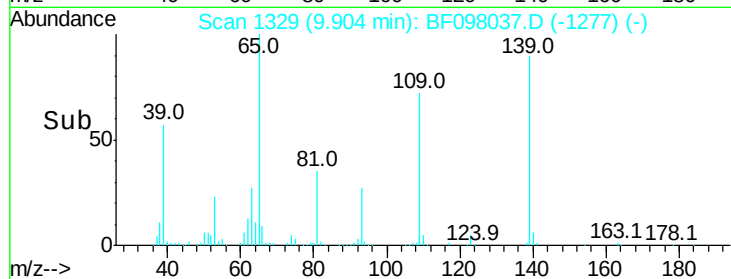
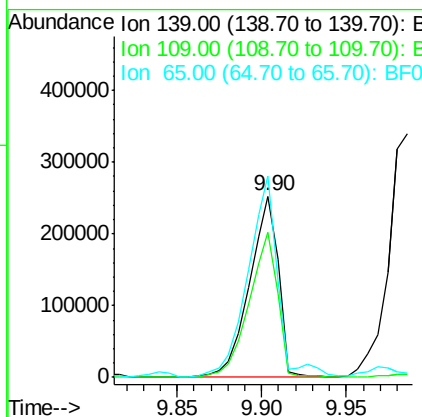
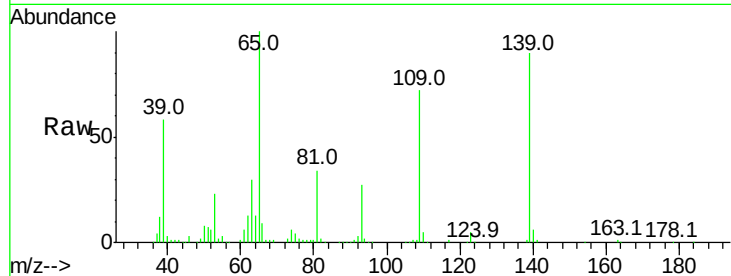
#55
4-Nitrophenol
Concen: 83.276 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.8	34.1	74.1#	
65	110.9	31.4	71.4#	

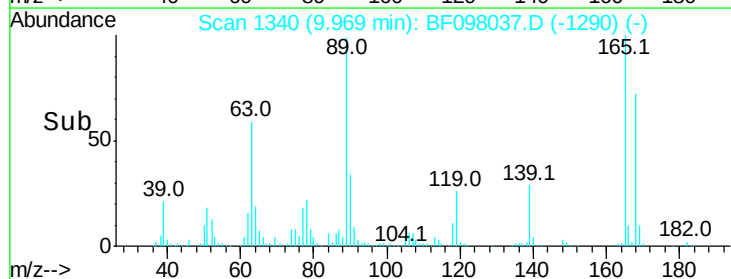
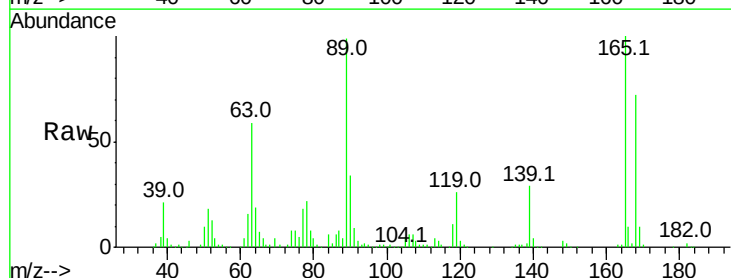
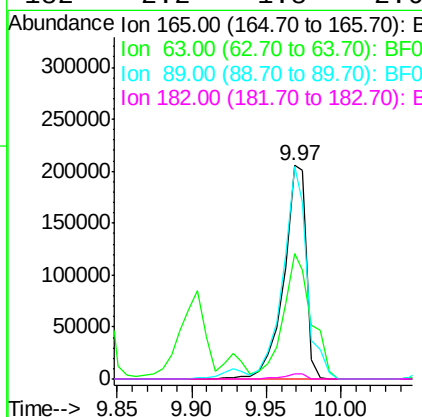
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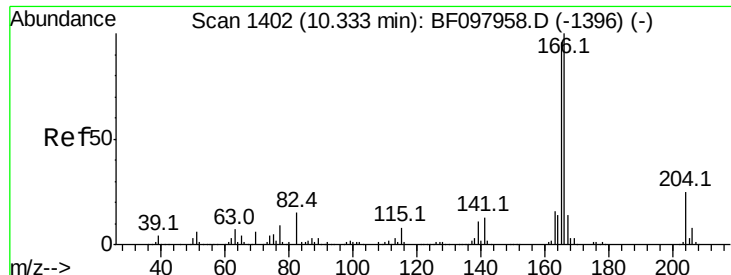
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.499 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.9	25.4	38.0#	
89	99.2	46.4	69.6#	
182	2.2	1.8	2.6	





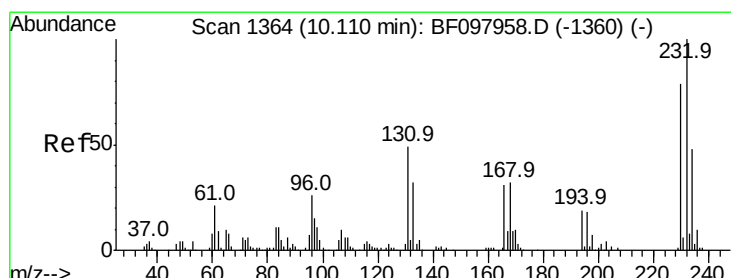
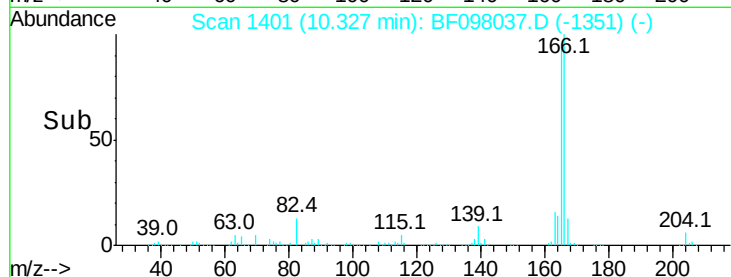
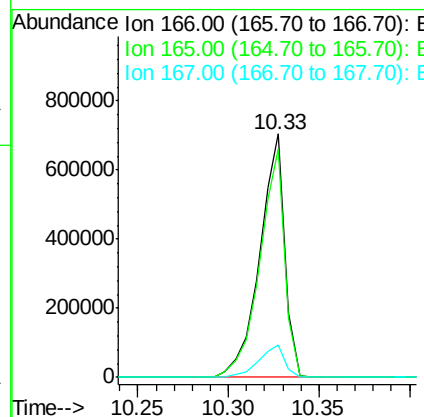
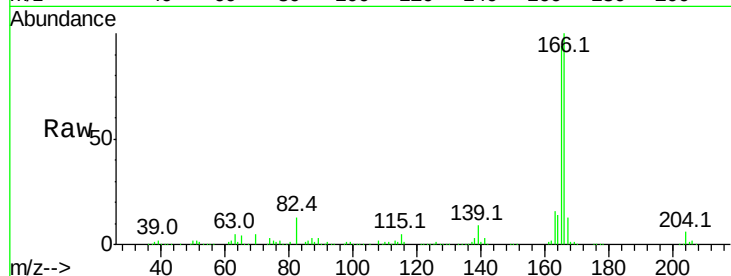
#57
 Fluorene
 Concen: 40.381 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	675455		
165	93.7	78.8	118.2	
167	13.3	10.6	16.0	

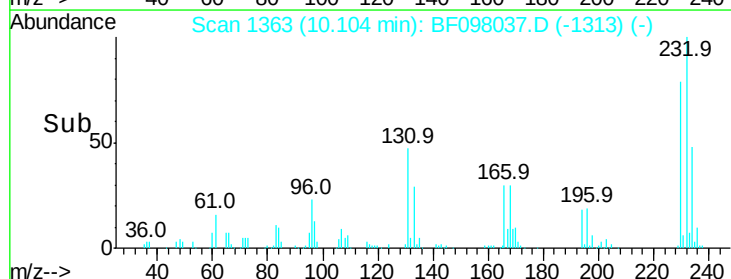
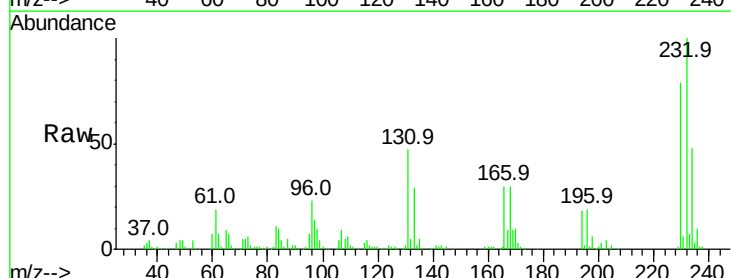
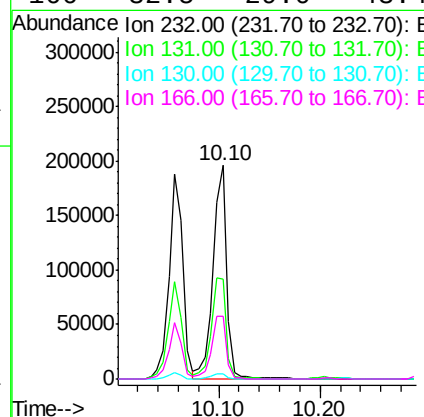
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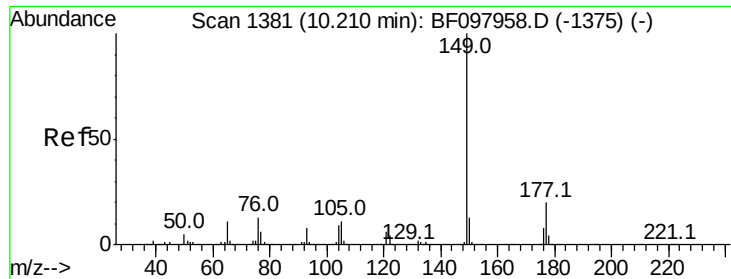
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.659 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182458		
131	51.9	44.8	67.2	
130	2.7	2.3	3.5	
166	32.5	29.0	43.4	





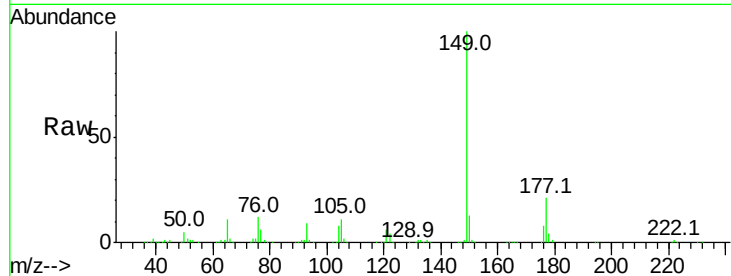
#59
Diethylphthalate
Concen: 41.168 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampled :
PB101833BS

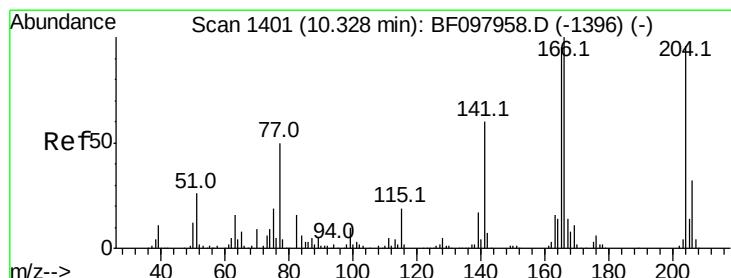
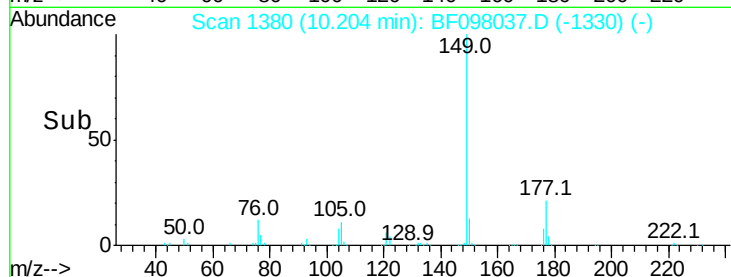
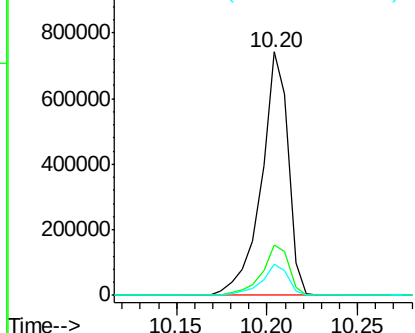
Tot Ion	Ratio	Resp	Lower	Upper
149	100	761261		
177	20.8	16.7	25.1	
150	12.8	10.2	15.2	

Manual Integrations
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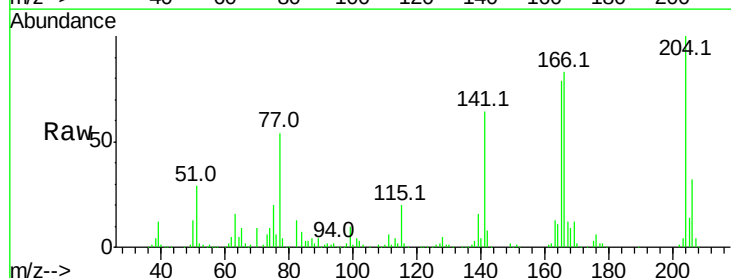


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

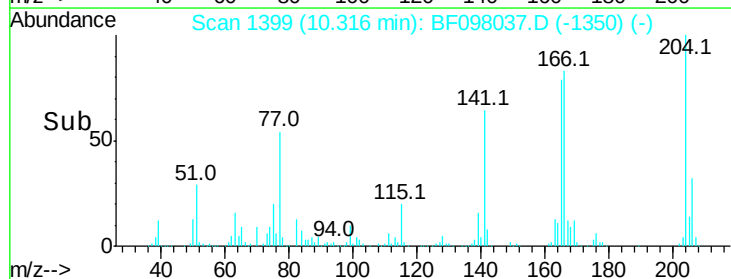
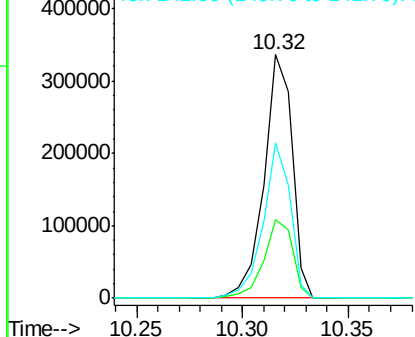


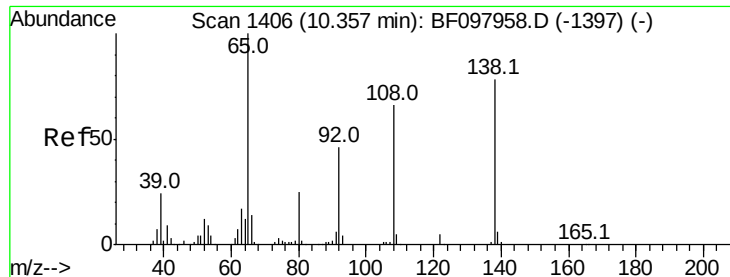
#60
4-Chlorophenyl-phenylether
Concen: 40.235 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	312667		
206	32.4	26.2	39.2	
141	63.8	60.8	91.2	



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





#61

4-Nitroaniline

Concen: 43.545 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

Tot Ion:138 Resp: 188473

Ion Ratio Lower Upper

138 100

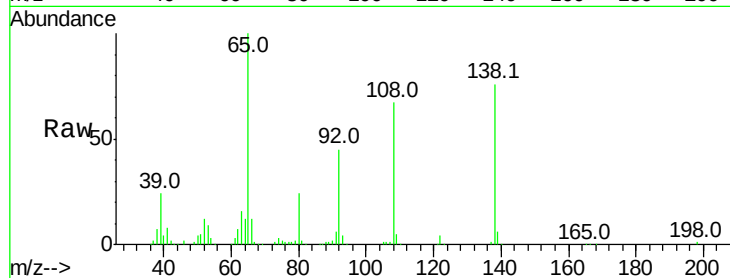
92 59.5 21.8 61.8

108 87.3 42.3 82.3#

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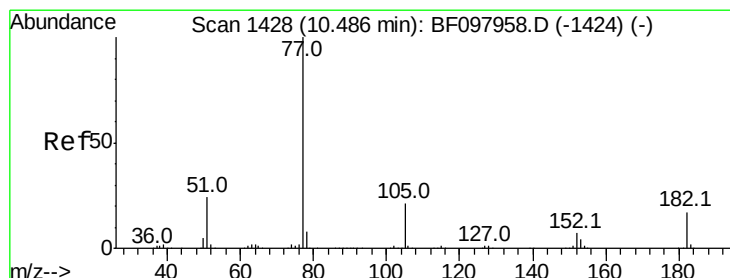
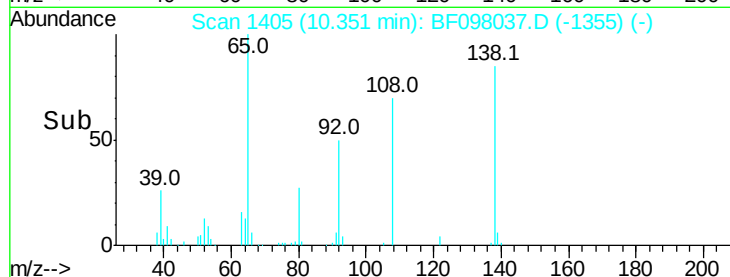
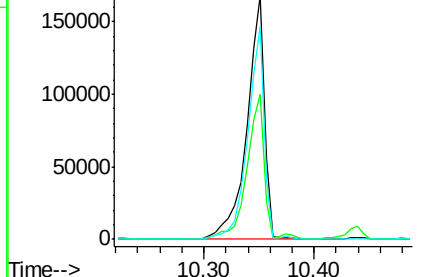
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.200 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion: 77 Resp: 926924

Ion Ratio Lower Upper

77 100

182 20.0 0.1 40.1

105 21.9 3.6 43.6

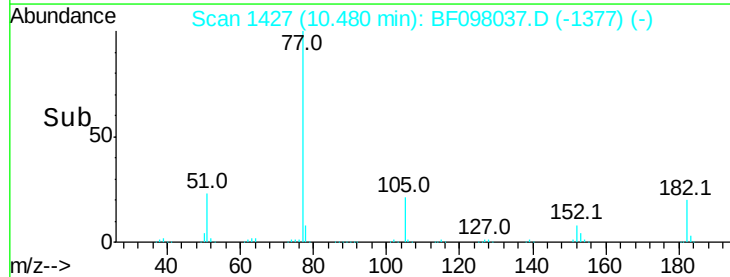
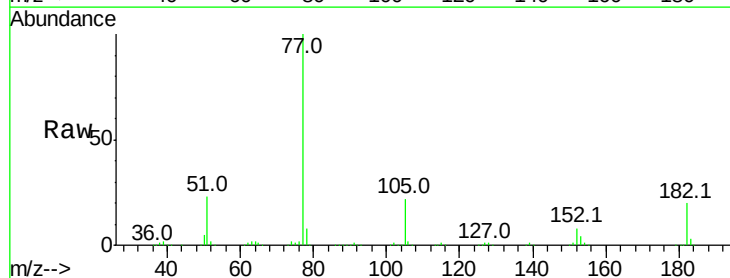
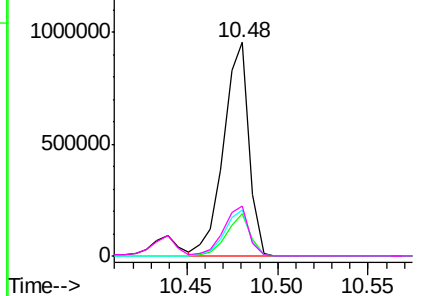
51 23.3 9.4 49.4

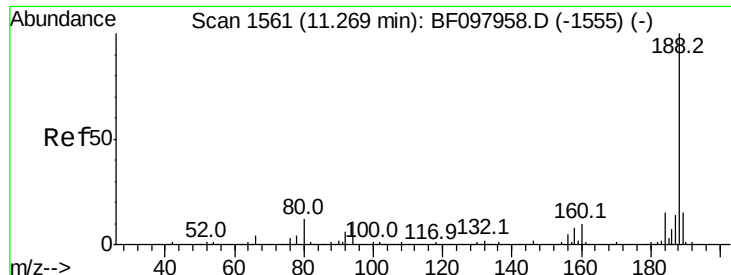
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

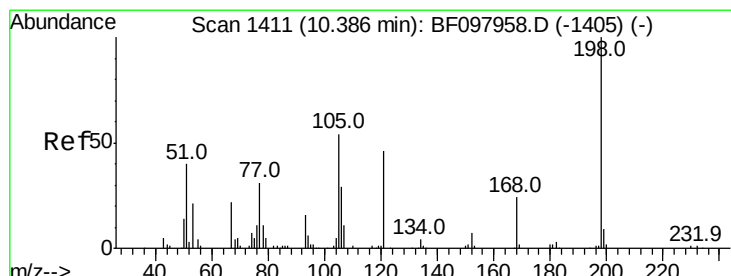
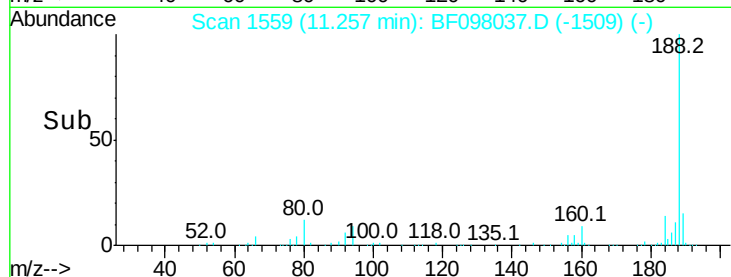
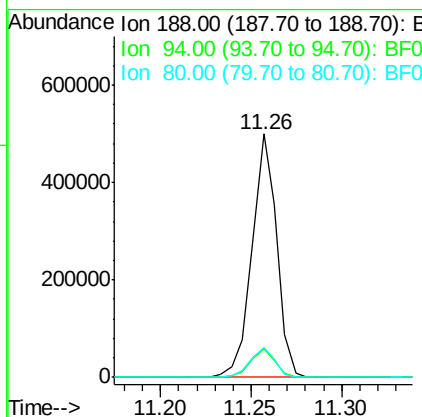
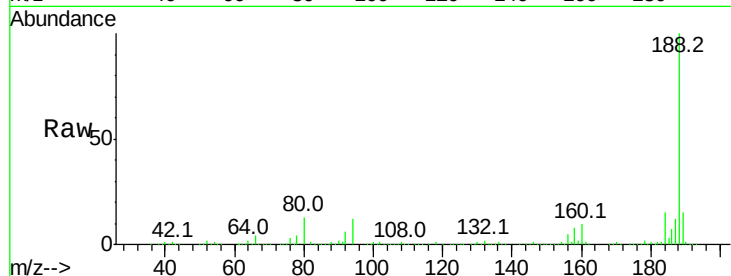
ClientSampleId :

PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	471051		
94	12.0		9.4	14.2
80	12.5		10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.198 ng

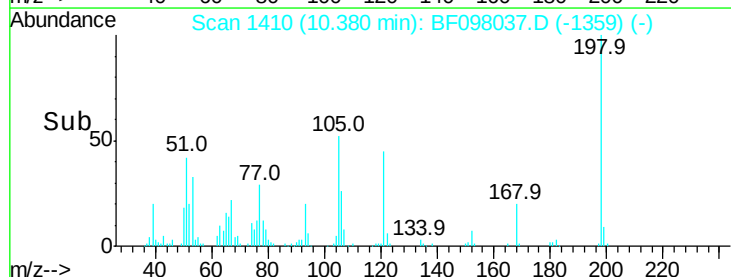
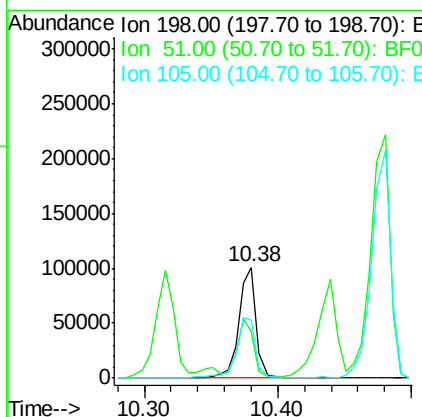
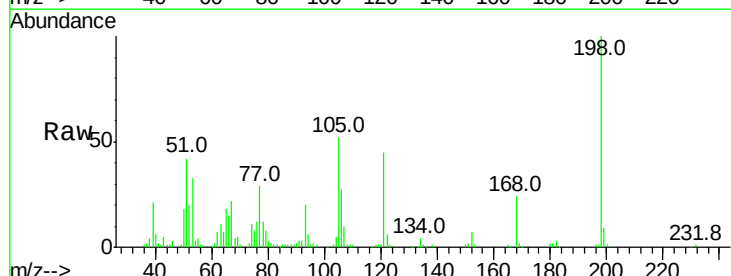
RT: 10.38 min Scan# 1410

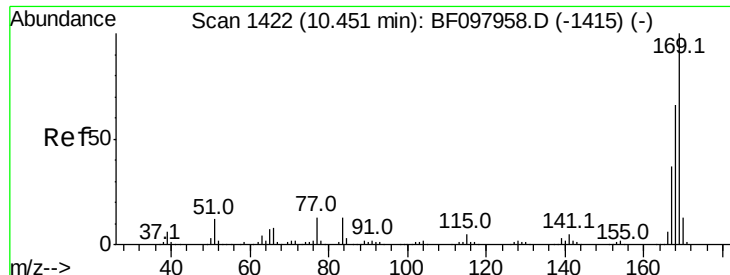
Delta R.T. -0.00 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	90969		
51	41.8		53.2	93.2#
105	51.9		45.8	85.8





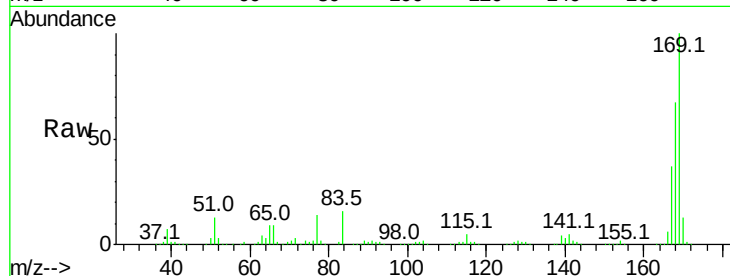
#65
n-Nitrosodiphenylamine
Concen: 39.581 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

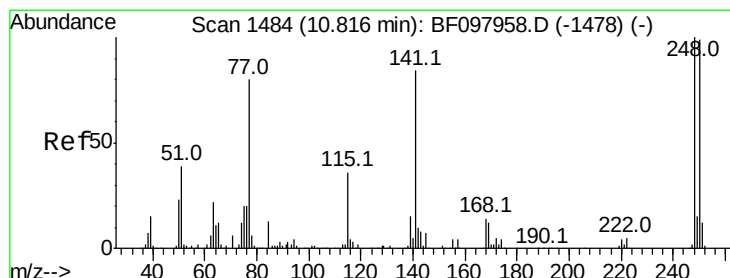
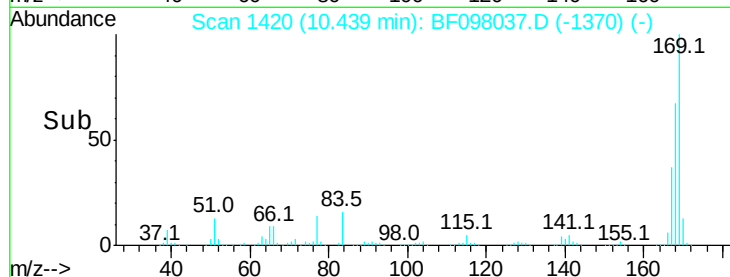
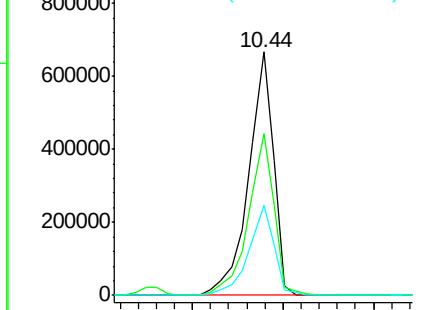
Tot Ion	Ratio	Resp	Lower	Upper
169	100	634903		
168	66.7	53.2	79.8	
167	36.9	29.5	44.3	

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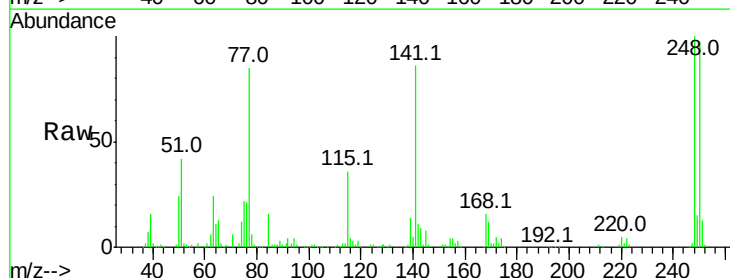


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

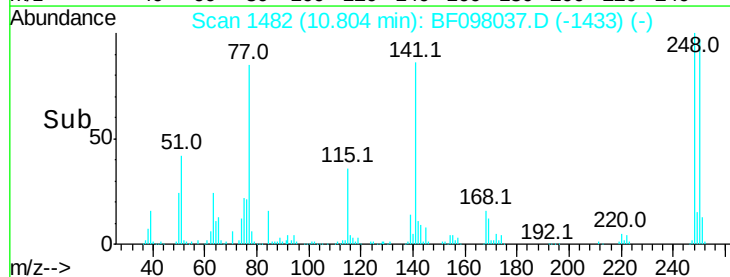
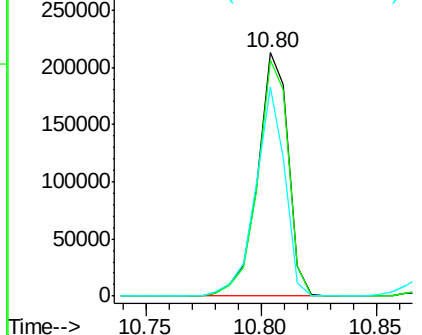


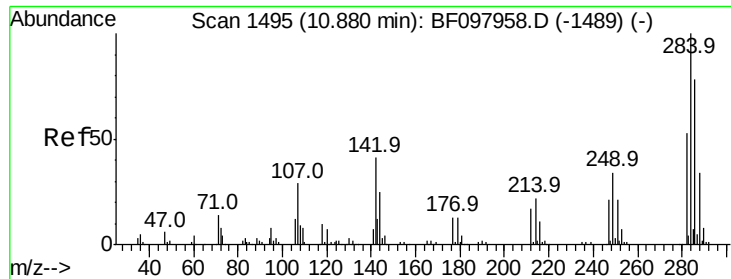
#66
4-Bromophenyl-phenylether
Concen: 40.293 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	197095		
250	97.1	76.8	115.2	
141	85.7	68.6	103.0	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.724 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

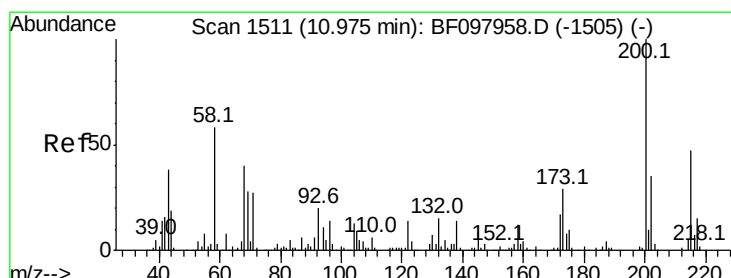
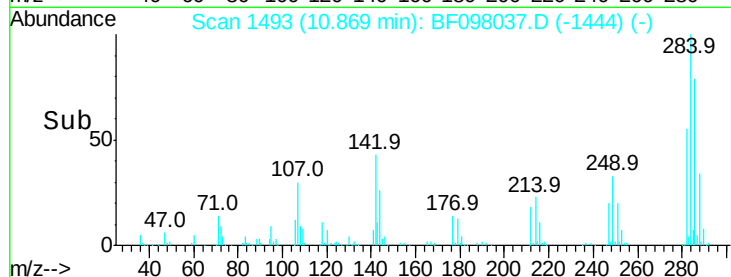
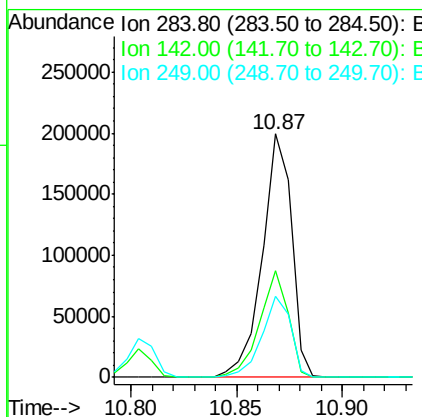
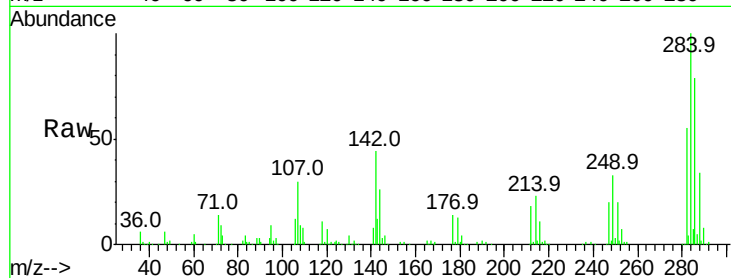
ClientSampled :

PB101833BS

Tot Ion:	284	Resp:	193071
Ion Ratio	Lower	Upper	
284	100		
142	43.6	22.8	34.2#
249	33.2	24.0	36.0

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#68

Atrazine

Concen: 44.621 ng

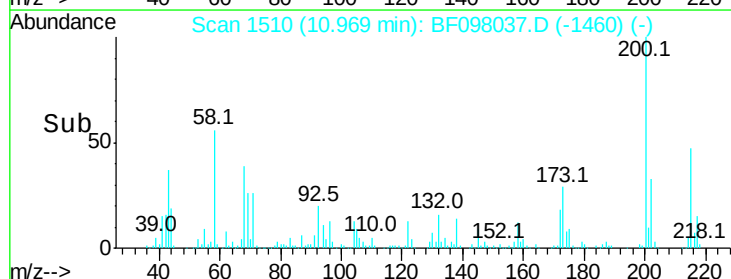
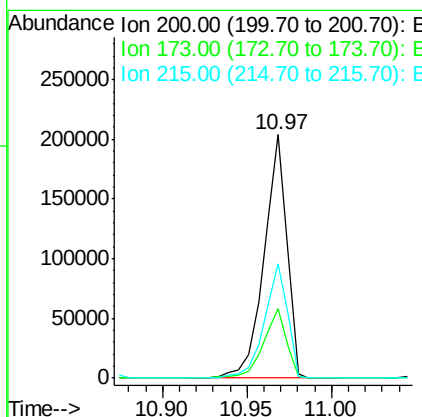
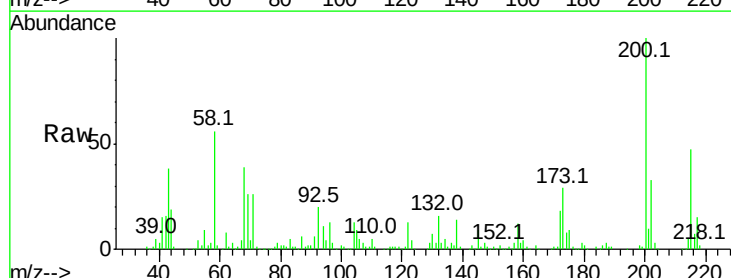
RT: 10.97 min Scan# 1510

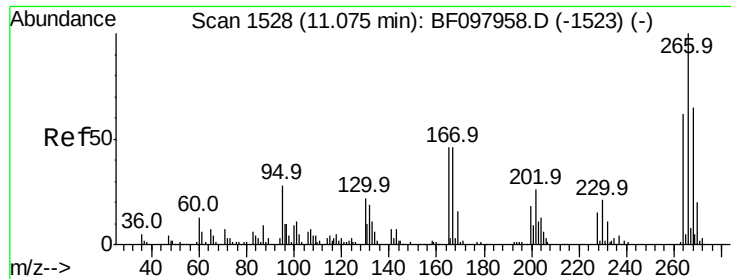
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:	200	Resp:	189819
Ion Ratio	Lower	Upper	
200	100		
173	28.7	6.3	46.3
215	46.9	27.2	67.2





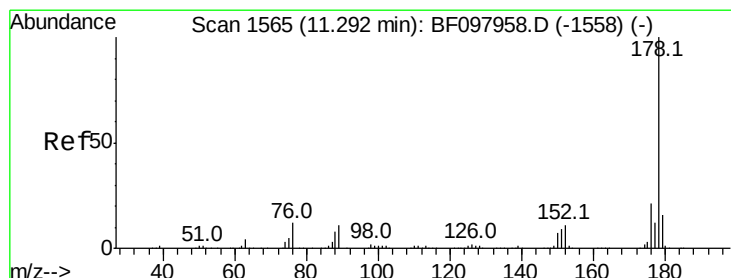
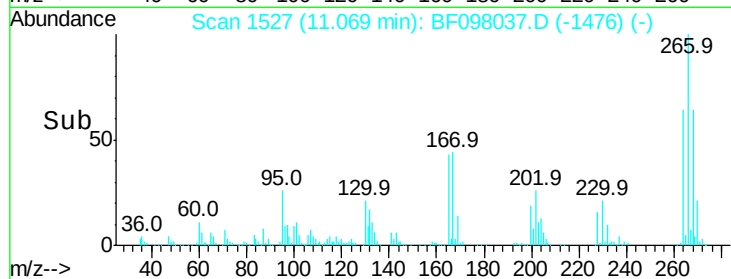
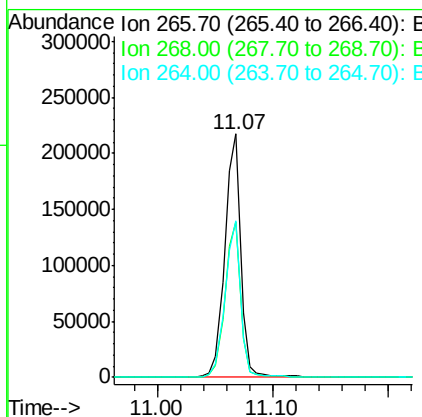
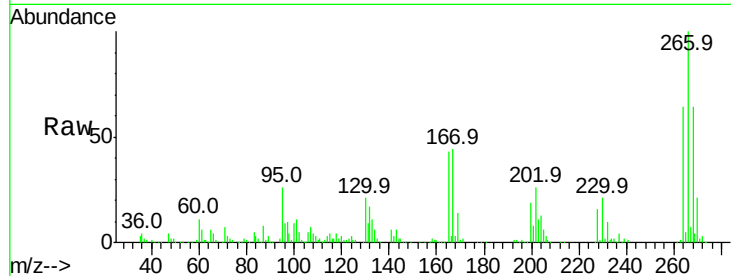
#69
 Pentachlorophenol
 Concen: 72.344 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	210303		
268	63.7		51.1	76.7
264	64.3		51.7	77.5

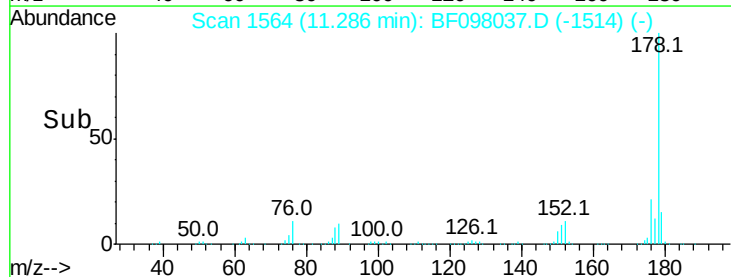
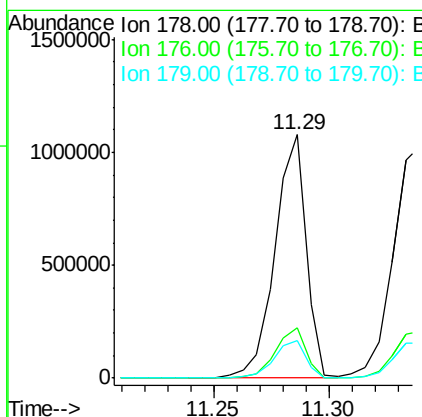
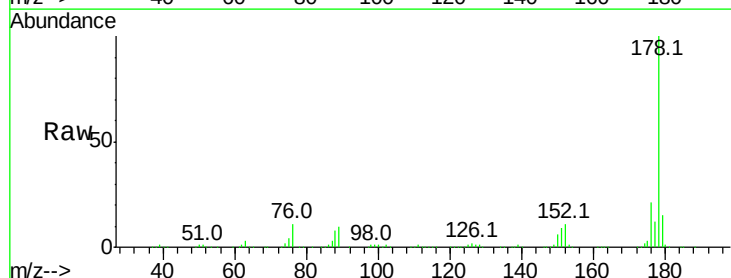
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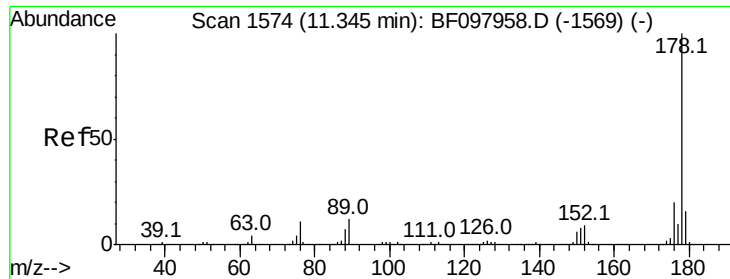
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#70
 Phenanthrene
 Concen: 40.126 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1007197		
176	20.6		16.2	24.4
179	15.4		12.6	19.0





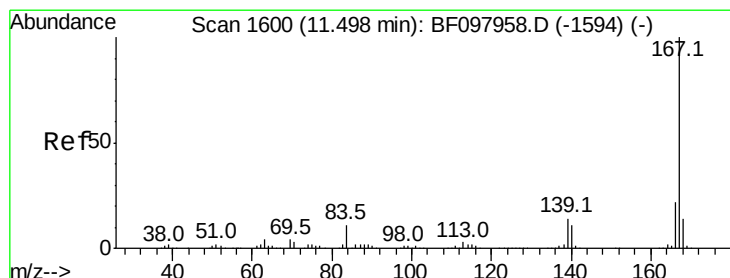
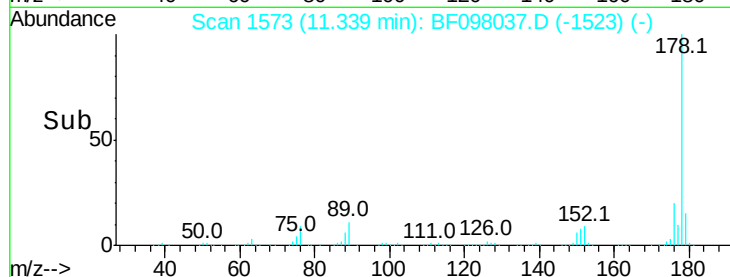
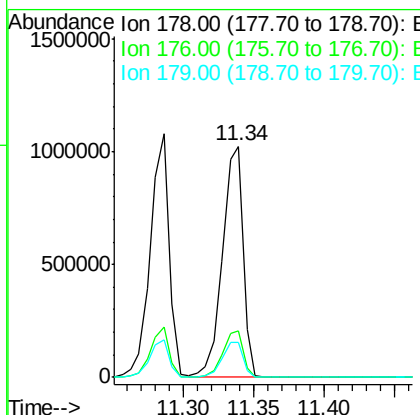
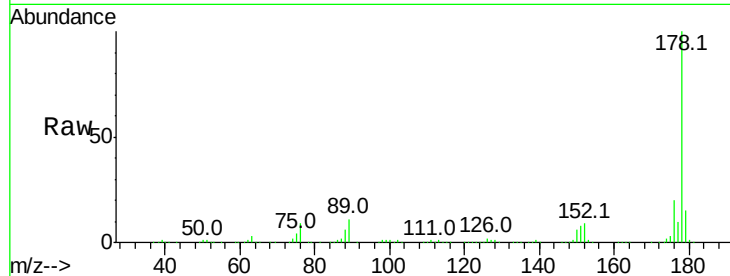
#71
 Anthracene
 Concen: 40.902 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	14.9	12.7	19.1

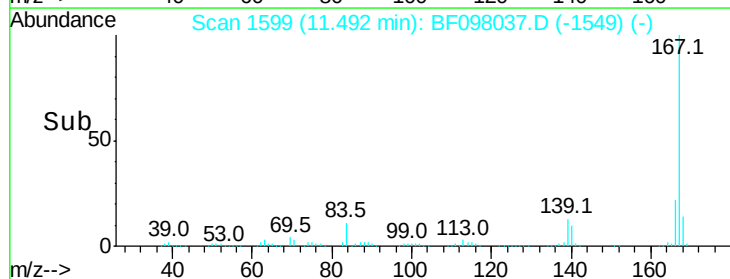
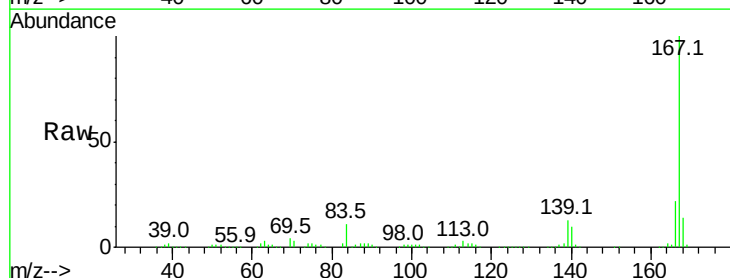
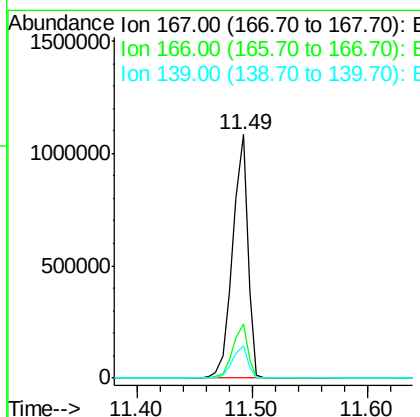
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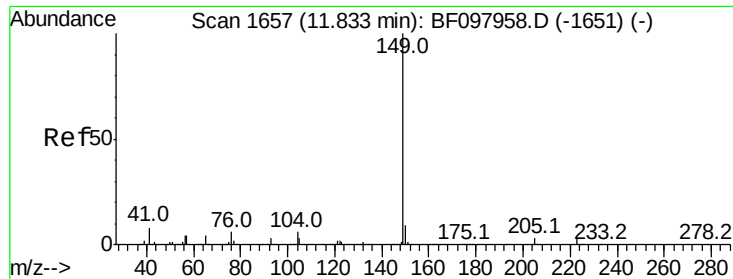
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#72
 Carbazole
 Concen: 41.089 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.008 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

Tot Ion:149 Resp: 1169325

Ion Ratio Lower Upper

149 100

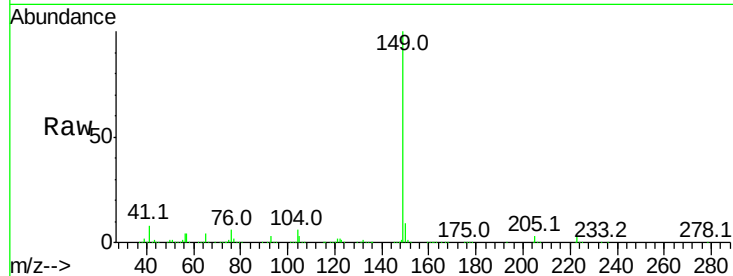
150 9.5 7.7 11.5

104 5.7 4.0 6.0

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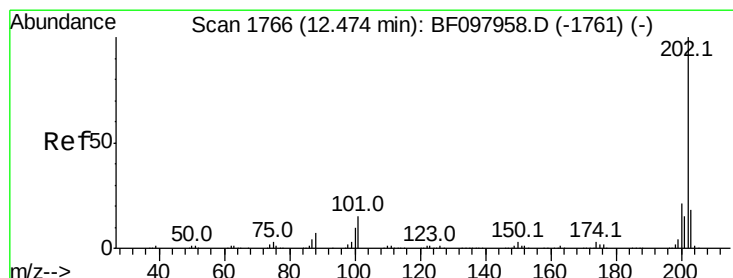
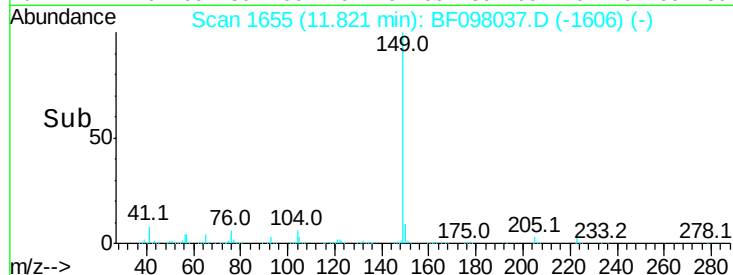
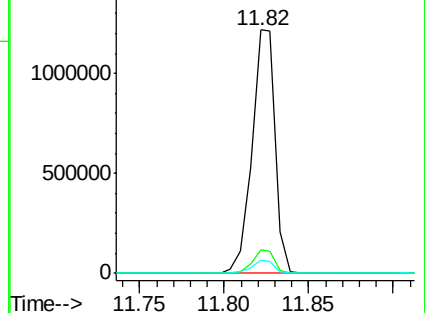
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.857 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

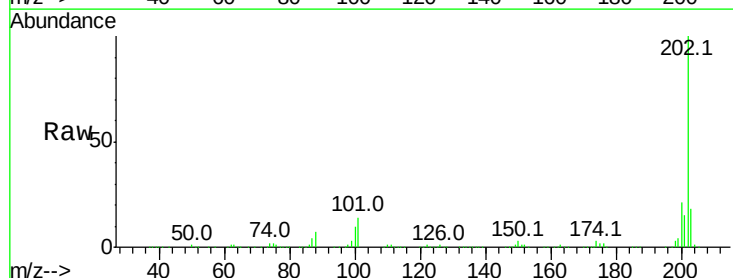
Tgt Ion:202 Resp: 1070429

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

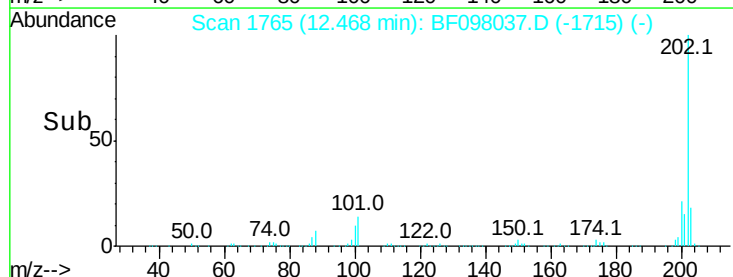
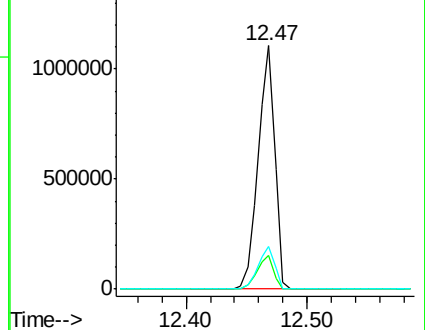
203 17.5 0.0 38.1

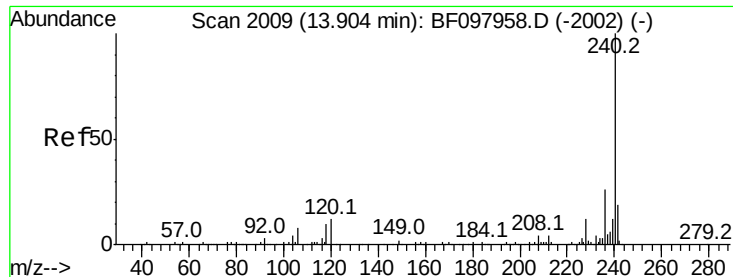


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

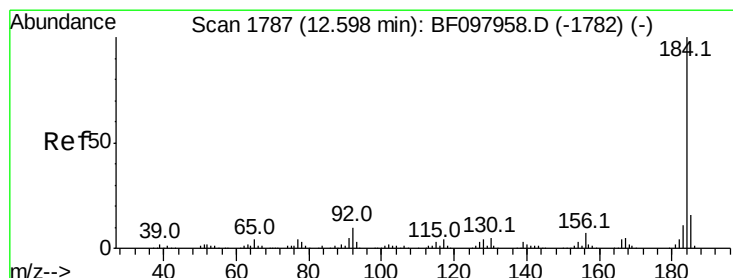
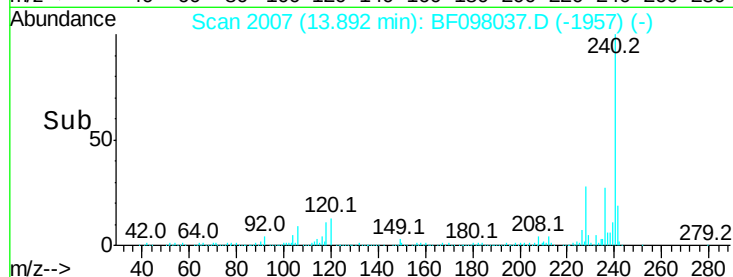
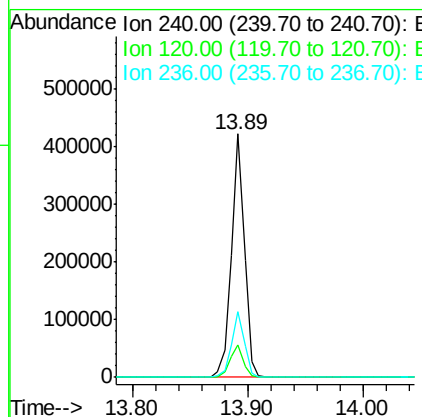
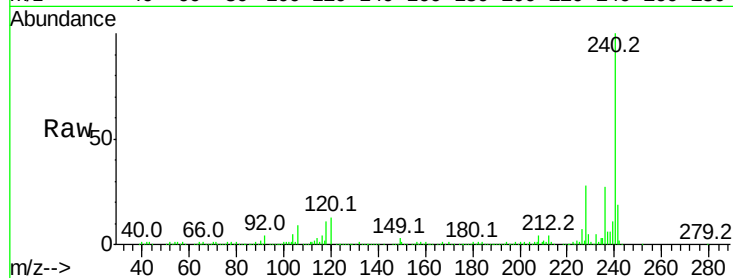
ClientSampled :

PB101833BS

Tot Ion:	240	Resp:	329569
Ion Ratio	Lower	Upper	
240	100		
120	13.1	5.8	8.8#
236	27.0	20.5	30.7

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#76

Benzidine

Concen: 40.443 ng

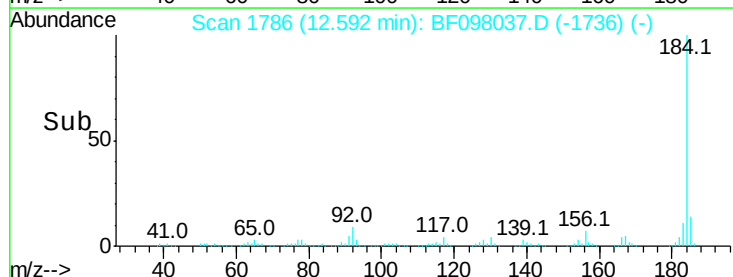
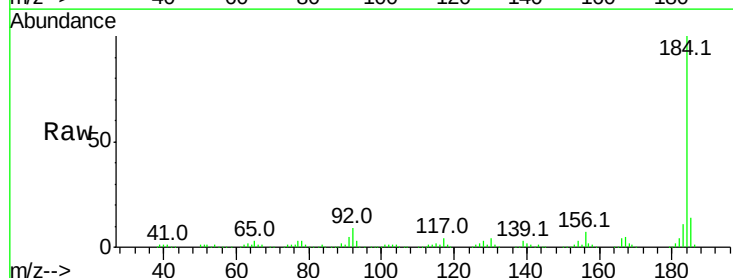
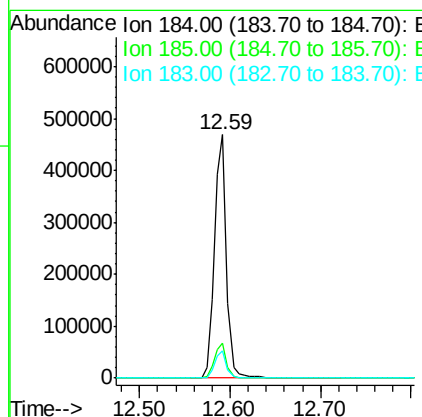
RT: 12.59 min Scan# 1786

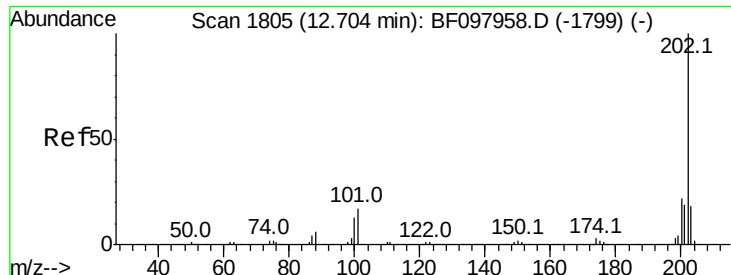
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:	184	Resp:	437020
Ion Ratio	Lower	Upper	
184	100		
185	14.3	15.5	23.3#
183	11.0	9.8	14.6





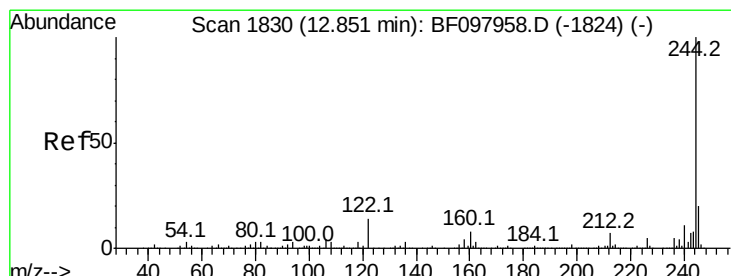
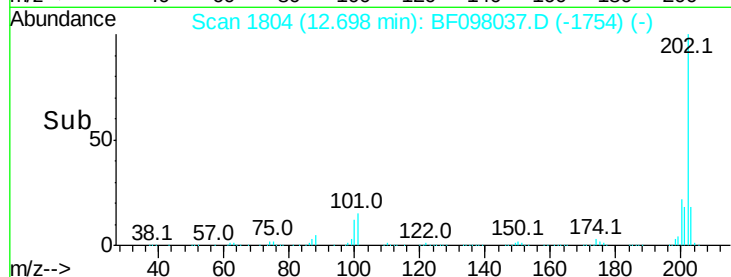
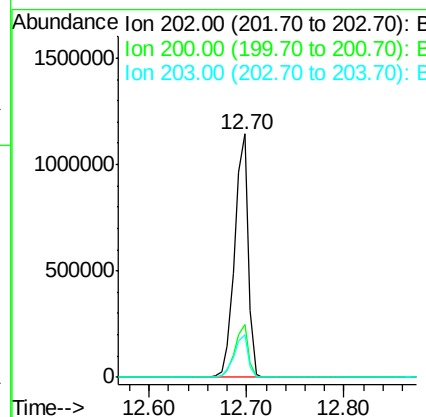
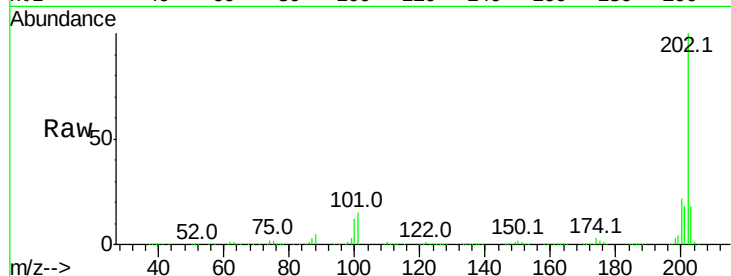
#77
Pvrene
Concen: 40.726 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.8	14.4	21.6

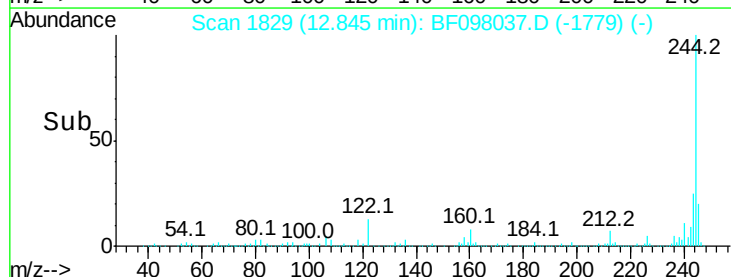
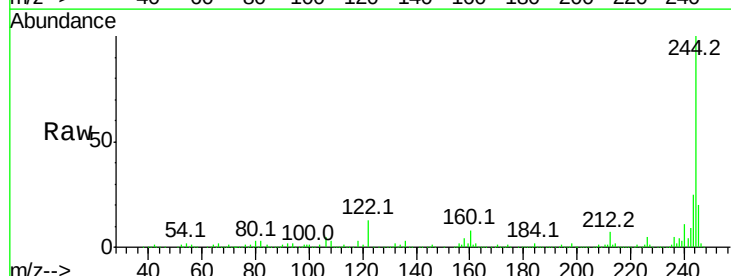
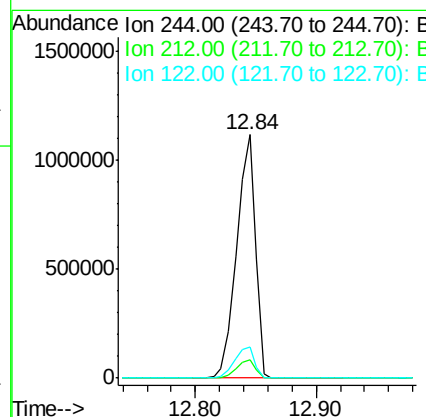
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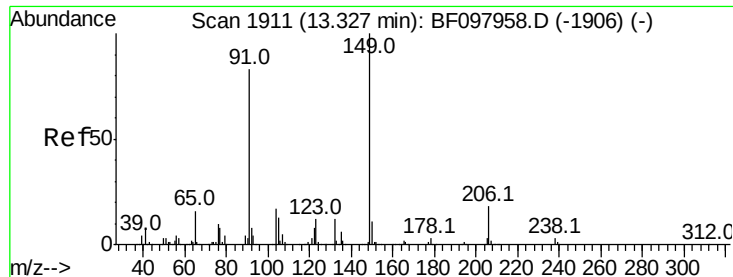
Sohil
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#78
Terphenyl-d14
Concen: 76.703 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.6	10.3	15.5





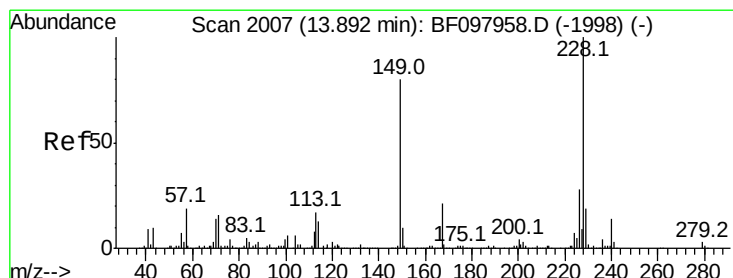
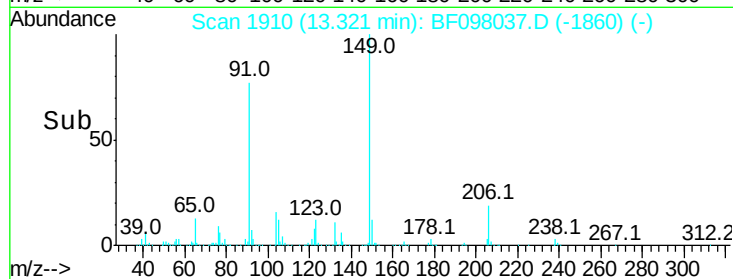
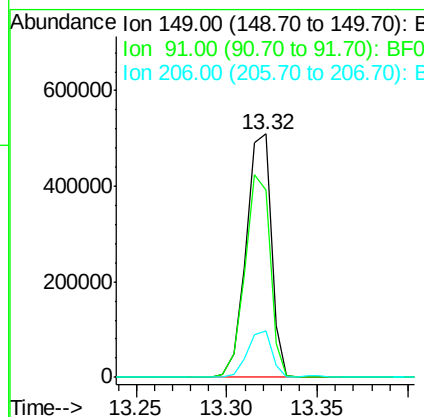
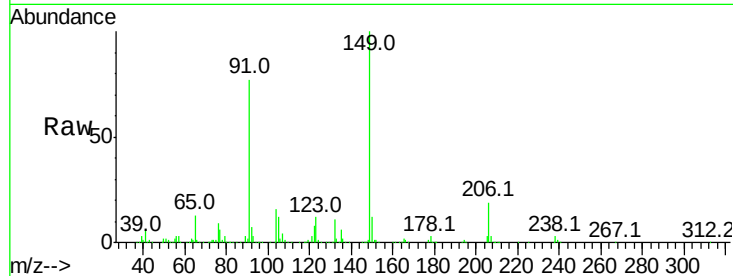
#79
 Butylbenzylphthalate
 Concen: 47.883 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	494851		
91	77.0	45.0	67.4#	
206	18.9	17.0	25.6	

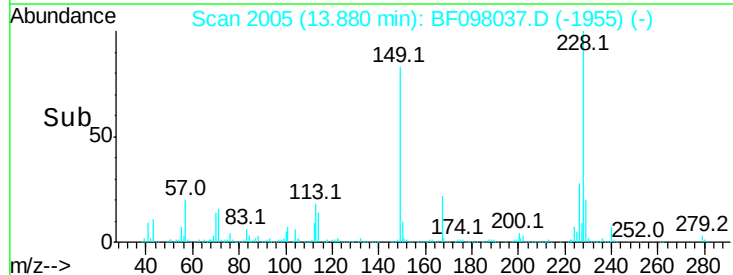
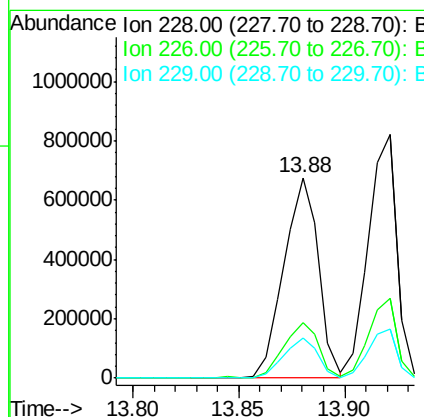
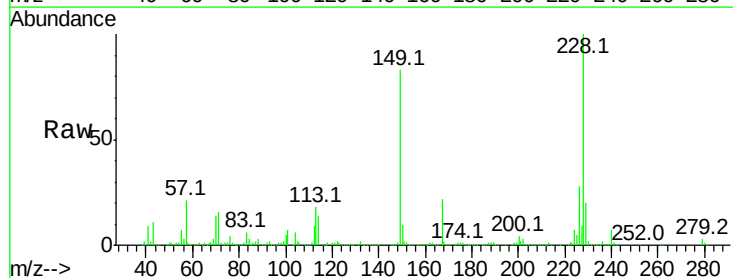
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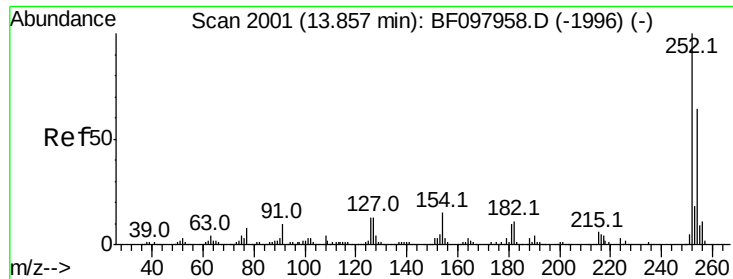
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#80
 Benzo(a)anthracene
 Concen: 39.010 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	770537		
226	28.0	22.6	33.8	
229	19.9	16.3	24.5	





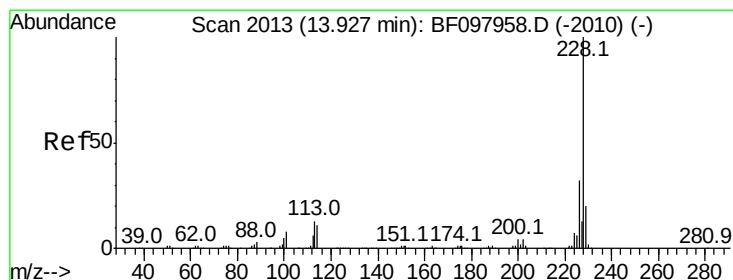
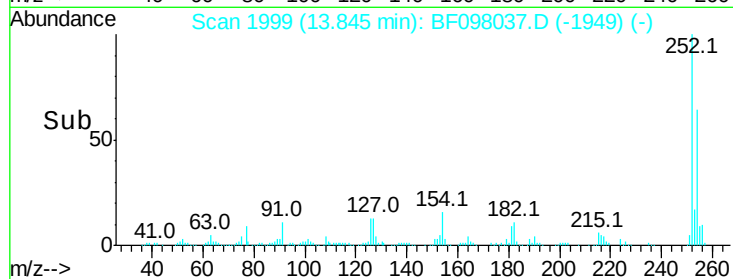
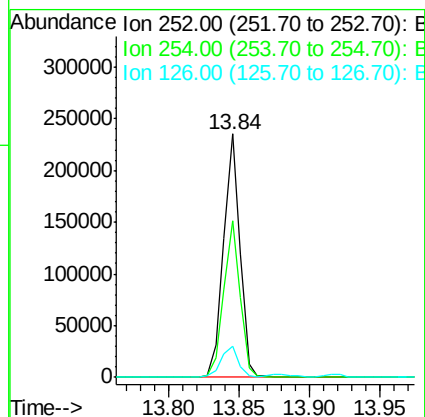
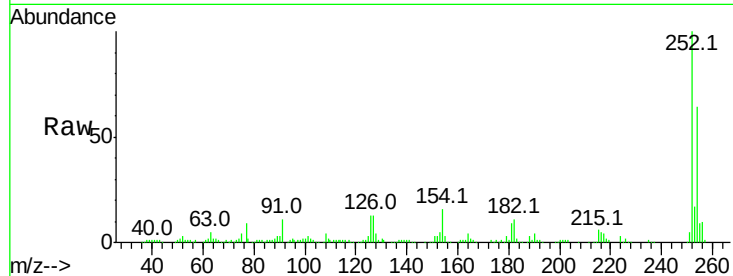
#81
 3,3'-Dichlorobenzidine
 Concen: 28.616 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	51.5	77.3
126	12.6	15.8	23.8

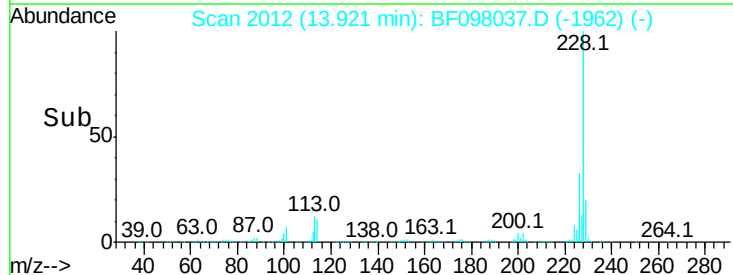
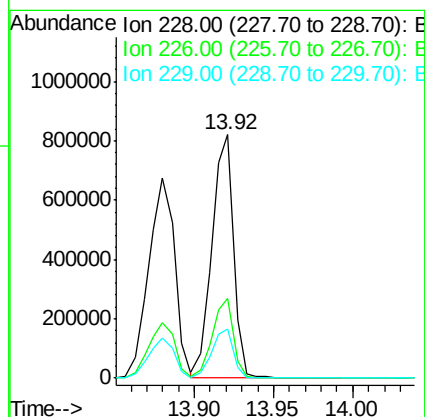
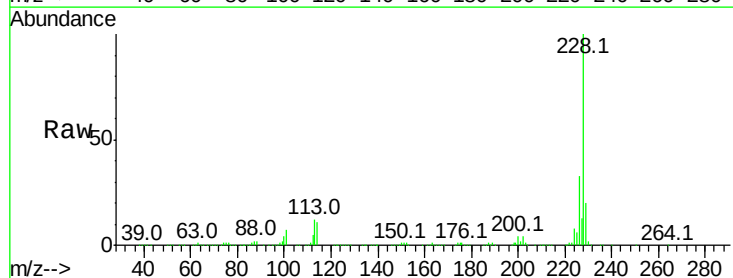
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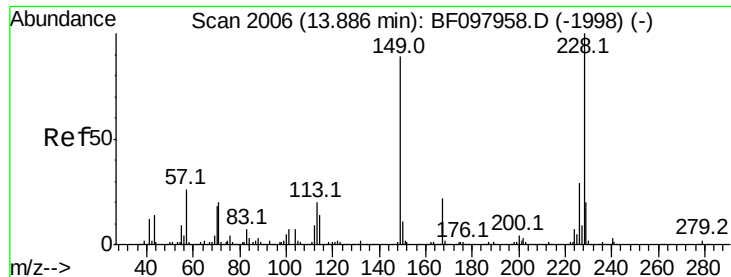
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#82
 Chrysene
 Concen: 39.695 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.5	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.321 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

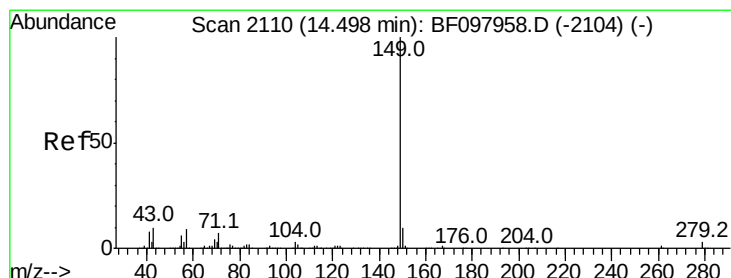
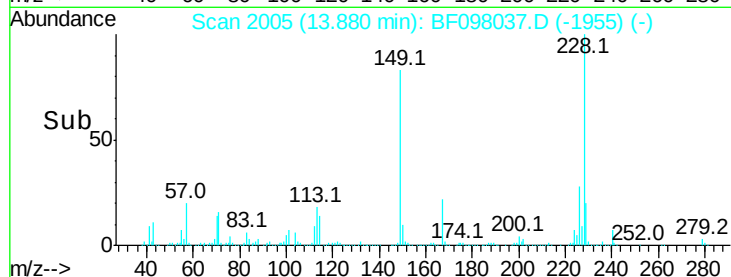
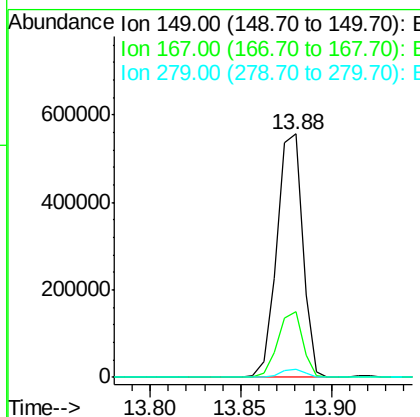
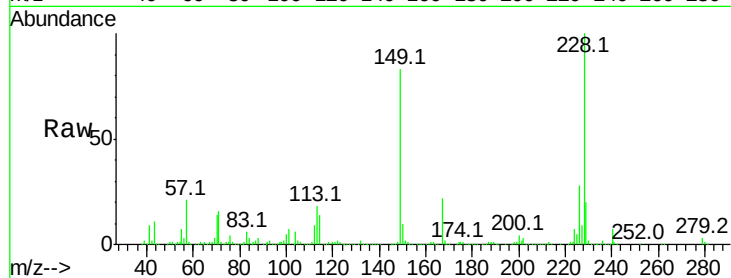
ClientSampleId :

PB101833BS

Tot Ion:	149	Resp:	553364
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.0	31.4
279	3.5	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.656 ng

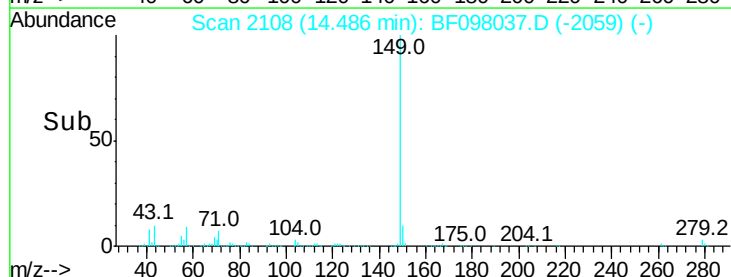
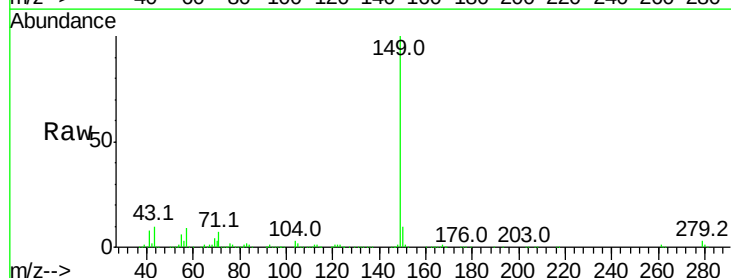
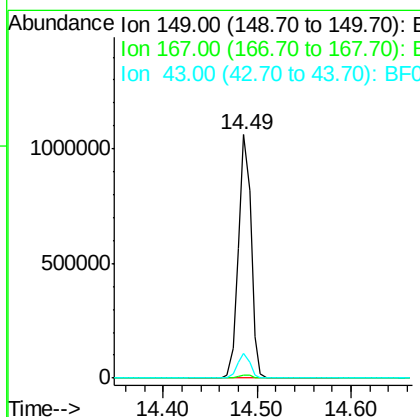
RT: 14.49 min Scan# 2108

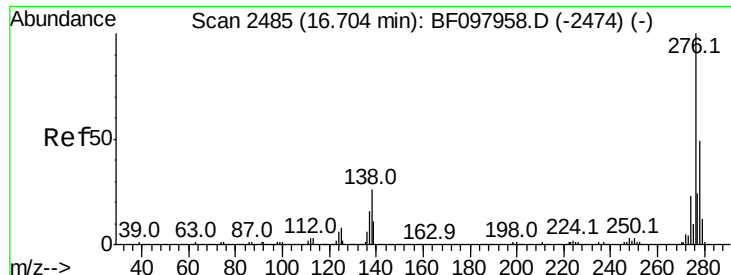
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:	149	Resp:	989430
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.7	8.5	12.7





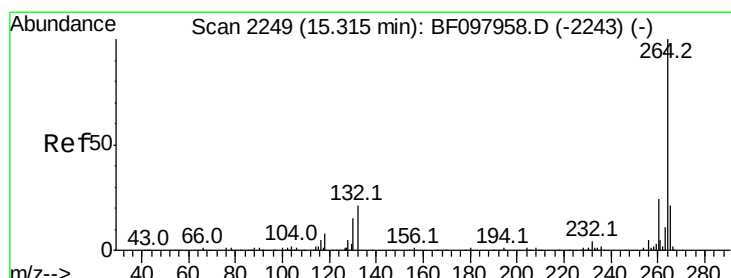
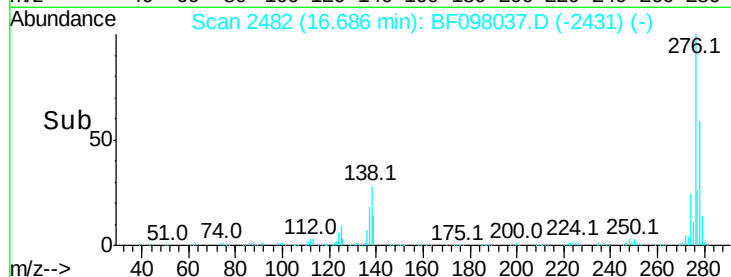
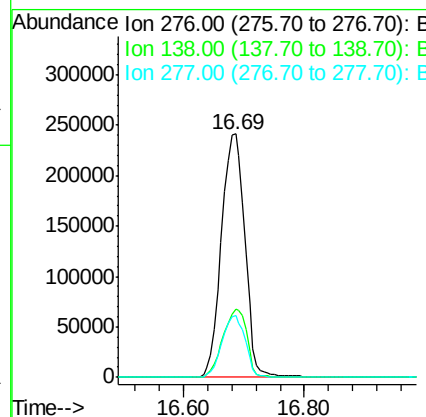
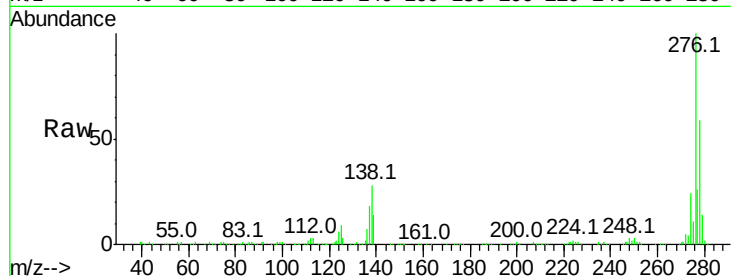
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.276 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	654450		
138	28.8		27.8	41.6
277	25.2		20.2	30.4

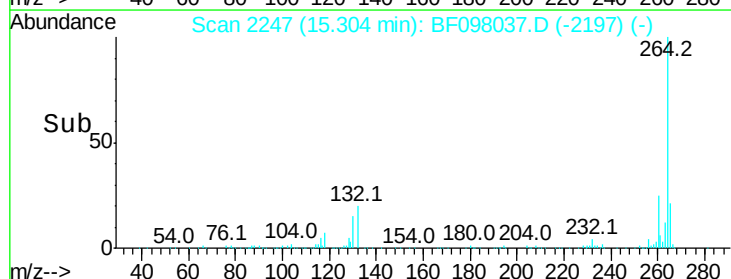
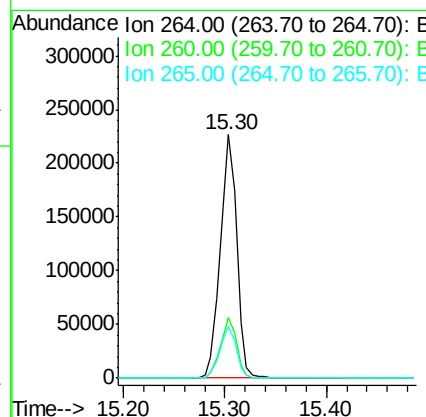
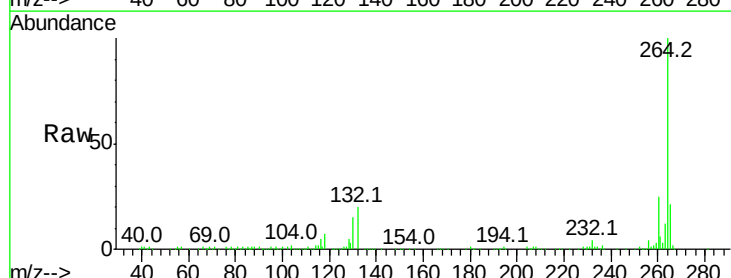
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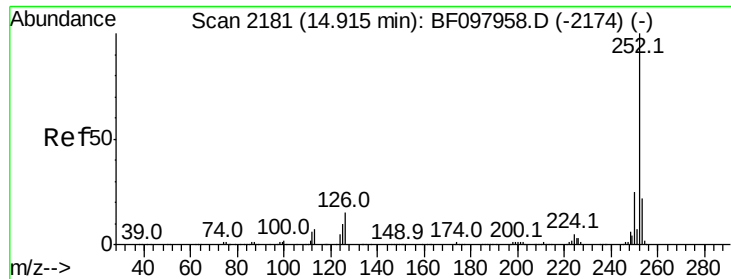
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	257935		
260	25.1		19.5	29.3
265	21.4		17.2	25.8





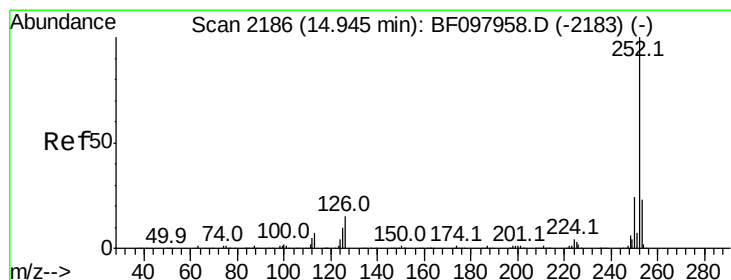
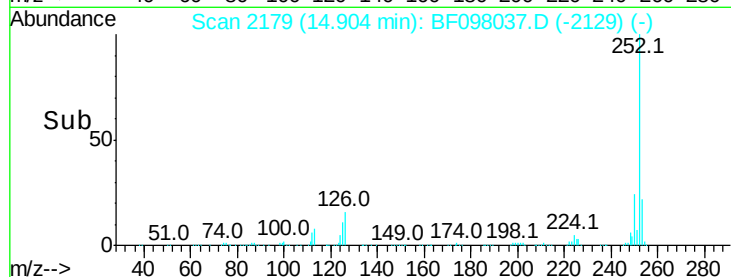
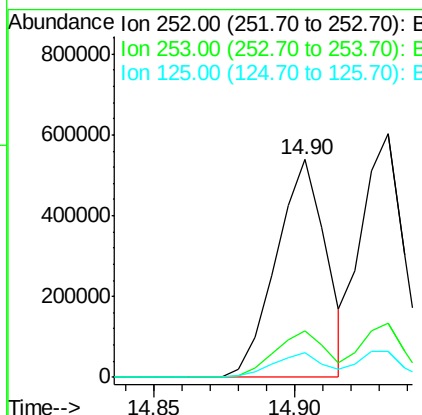
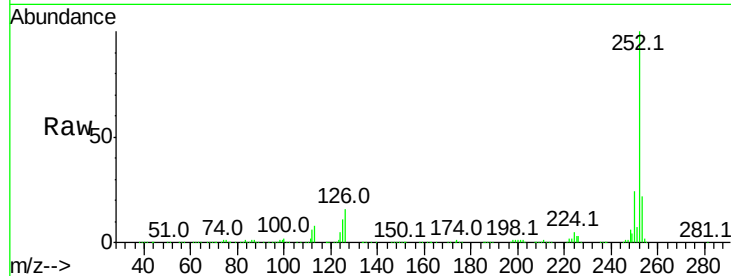
#87
Benzo(b)fluoranthene
Concen: 40.813 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.4	9.8	14.8

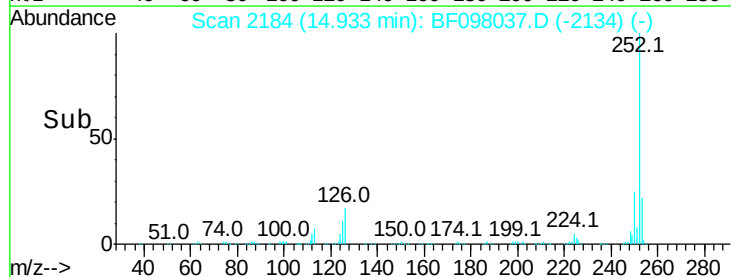
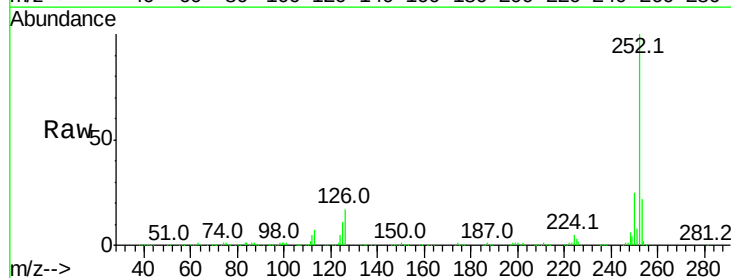
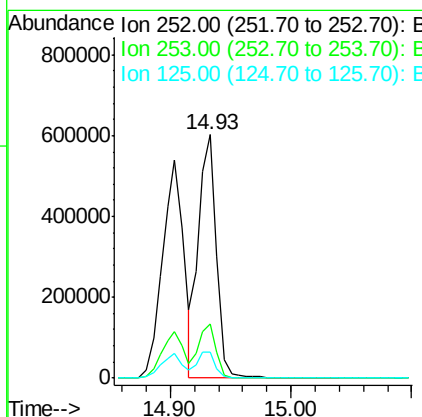
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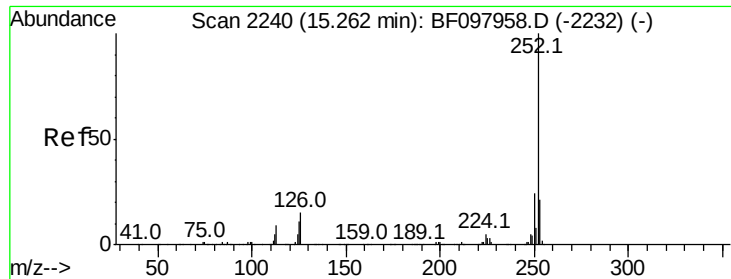
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#88
Benzo(k)fluoranthene
Concen: 40.651 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	10.8	13.1	19.7





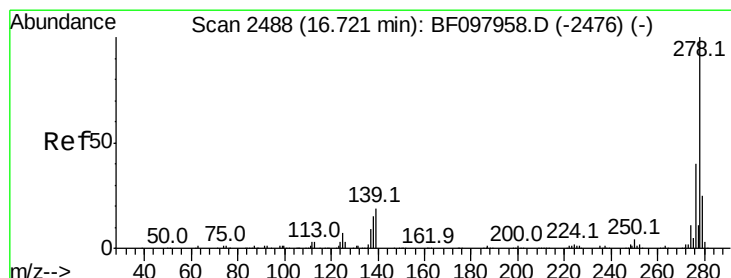
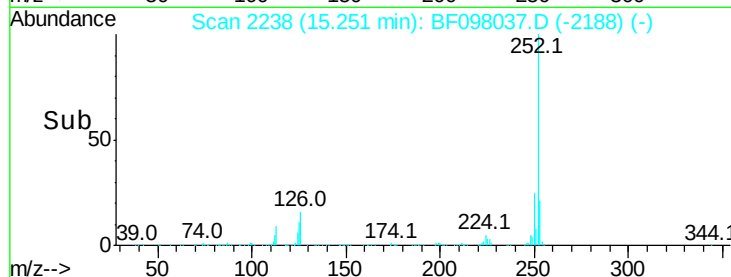
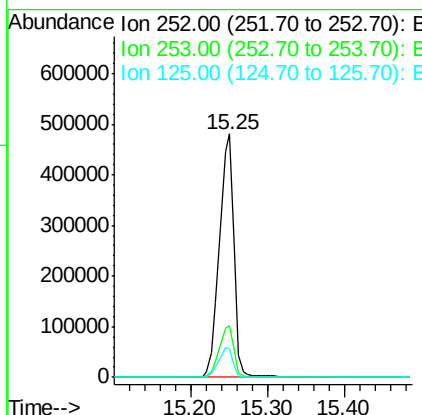
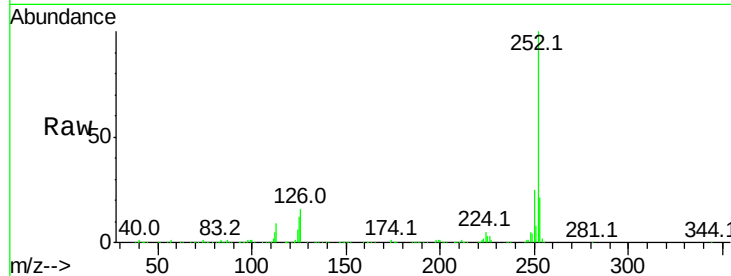
#89
Benzo(a)pyrene
Concen: 43.311 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	11.5	11.0	16.4

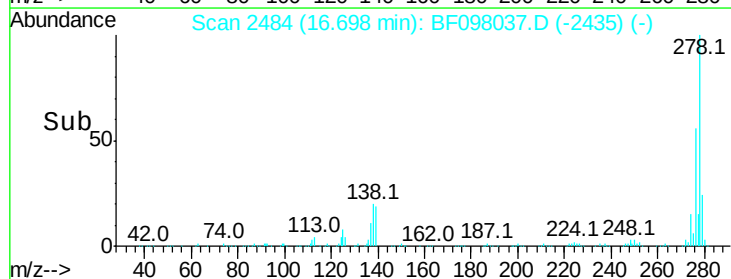
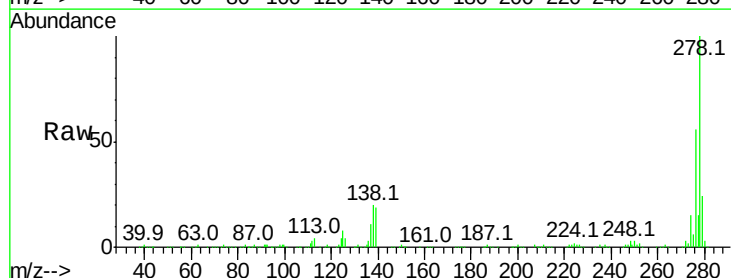
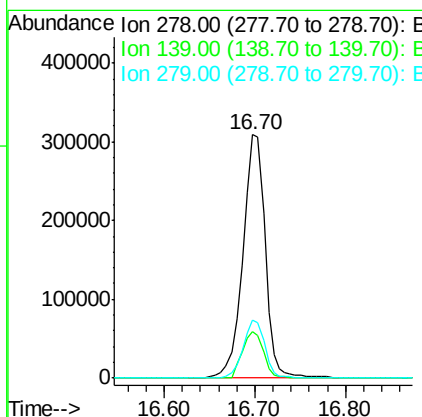
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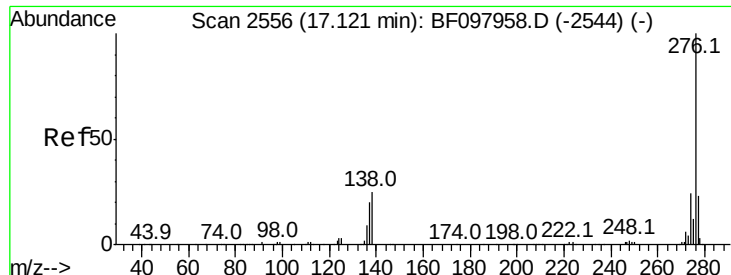
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#90
Dibenzo(a,h)anthracene
Concen: 45.100 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.088 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	24.9	25.4	38.0#

Manual Integrations
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