

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097788.D
 Acq On : 17 Aug 2017 16:13
 Operator : SJ/JU
 Sample : PB101563BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:03:34 PM

Quant Time: Aug 18 02:10:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124587	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	494559	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	226380	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	437847	20.00	ng	0.00
75) Chrysene-d12	13.93	240	348055	20.00	ng	0.00
86) Perylene-d12	15.36	264	250480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1011512	123.49	ng	0.01
7) Phenol-d6	6.41	99	1394545	125.31	ng	0.00
23) Nitrobenzene-d5	7.34	82	842001	92.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	287415	146.33	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1315640	85.38	ng	0.00
78) Terphenyl-d14	12.88	244	1196312	71.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	169093	37.018	ng	89
3) Pyridine	3.29	79	484329	38.354	ng	86
4) n-Nitrosodimethylamine	3.24	42	178584	36.754	ng	# 74
6) Aniline	6.44	93	309706	19.810	ng	97
8) 2-Chlorophenol	6.56	128	356923	41.320	ng	99
9) Benzaldehyde	6.32	77	134872	19.133	ng	88
10) Phenol	6.42	94	519998	39.951	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	392013	39.904	ng	95
12) 1,3-Dichlorobenzene	6.72	146	361874	38.947	ng	# 94
13) 1,4-Dichlorobenzene	6.79	146	364812	38.605	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	342290	39.283	ng	100
15) Benzyl Alcohol	6.92	79	362768	43.539	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	518428	39.223	ng	91
17) 2-Methylphenol	7.03	107	327862	43.071	ng	98
18) Hexachloroethane	7.29	117	145048	39.150	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	294126	38.608	ng	89
20) 3+4-Methylphenols	7.19	107	399562	42.975	ng	90
22) Acetophenone	7.19	105	529037	40.492	ng	# 89
24) Nitrobenzene	7.36	77	450540	44.447	ng	92
25) Isophorone	7.60	82	803130	42.426	ng	97
26) 2-Nitrophenol	7.67	139	181297	49.218	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	330119	41.814	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	505642	40.629	ng	97
29) 2,4-Dichlorophenol	7.92	162	283018	43.186	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	288509	39.712	ng	99
31) Naphthalene	8.08	128	1029501	40.097	ng	100
32) Benzoic acid	7.84	122	225601	40.391	ng	89
33) 4-Chloroaniline	8.13	127	155961	14.403	ng	99
34) Hexachlorobutadiene	8.20	225	166567	39.268	ng	97
35) Caprolactam	8.50	113	115909m	52.025	ng	
36) 4-Chloro-3-methylphenol	8.62	107	356082	42.290	ng	# 80
37) 2-Methylnaphthalene	8.77	142	677054	43.012	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	269250	38.755	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	346105	103.697	ng	100

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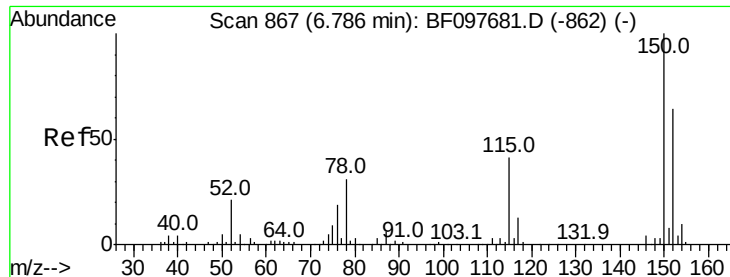
Manual Integrations
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Sohil
 8/18/2017 7:03:34 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	199224	42.712	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	206689	44.666	nq	96
45) 1,1'-Biphenyl	9.24	154	808777	39.178	nq	97
46) 2-Chloronaphthalene	9.26	162	592682	38.856	nq	# 92
47) 2-Nitroaniline	9.36	65	229256	44.834	nq	97
48) Acenaphthylene	9.67	152	984665	41.108	nq	99
49) Dimethylphthalate	9.54	163	701493	42.392	nq	100
50) 2,6-Dinitrotoluene	9.60	165	150221	45.479	nq	# 59
51) Acenaphthene	9.85	154	599889	39.710	nq	100
52) 3-Nitroaniline	9.76	138	105093	24.660	nq	81
53) 2,4-Dinitrophenol	9.87	184	147937	92.360	nq	# 70
54) Dibenzofuran	10.02	168	871750	43.057	nq	98
55) 4-Nitrophenol	9.93	139	293502	86.336	nq	# 50
56) 2,4-Dinitrotoluene	10.00	165	205814	49.651	nq	# 66
57) Fluorene	10.36	166	657392	41.997	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.13	232	173686	48.479	nq	93
59) Diethylphthalate	10.24	149	713549	41.235	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	306059	42.087	nq	# 84
61) 4-Nitroaniline	10.38	138	172027	42.472	nq	75
62) Azobenzene	10.52	77	870034	42.327	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	98073	47.614	nq	# 71
65) n-Nitrosodiphenylamine	10.47	169	603608	40.483	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	189163	41.604	nq	93
67) Hexachlorobenzene	10.90	284	186663	40.278	nq	# 84
68) Atrazine	11.00	200	182092	46.051	nq	97
69) Pentachlorophenol	11.10	266	228052	84.398	nq	98
70) Phenanthrene	11.32	178	967668	41.475	nq	99
71) Anthracene	11.37	178	993010	41.962	nq	99
72) Carbazole	11.53	167	928231	41.323	nq	99
73) Di-n-butylphthalate	11.86	149	1110580	42.923	nq	99
74) Fluoranthene	12.50	202	1024372	42.064	nq	97
76) Benzidine	12.63	184	262566	23.008	nq	# 92
77) Pyrene	12.73	202	1063783	37.369	nq	98
79) Butylbenzylphthalate	13.36	149	473181	43.354	nq	# 79
80) Benzo(a)anthracene	13.92	228	819889	39.304	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	184191	26.167	nq	# 95
82) Chrysene	13.96	228	786388	37.896	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	553673	45.780	nq	# 99
84) Di-n-octyl phthalate	14.53	149	939441	44.643	nq	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	615394	40.313	nq	95
87) Benzo(b)fluoranthene	14.94	252	680783	43.119	nq	99
88) Benzo(k)fluoranthene	14.97	252	600407	40.477	nq	# 95
89) Benzo(a)pyrene	15.30	252	596299	42.662	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	504006	44.292	nq	98
91) Benzo(g,h,i)perylene	17.18	276	520722	43.857	nq	# 92

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



#1

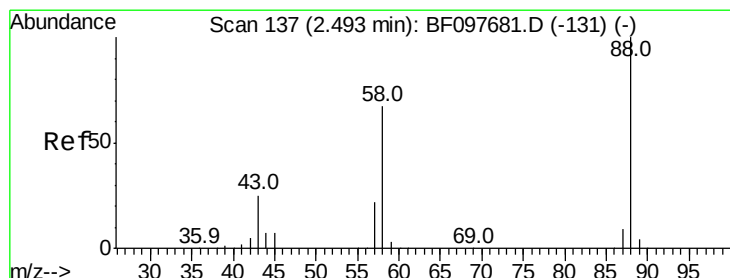
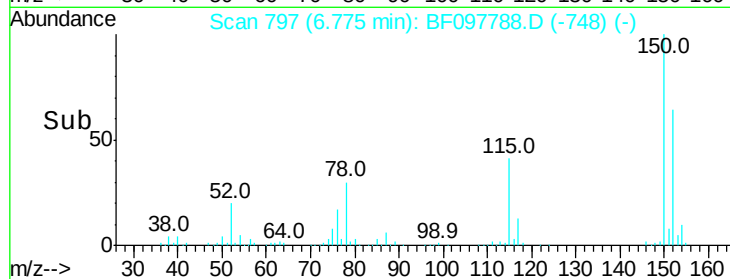
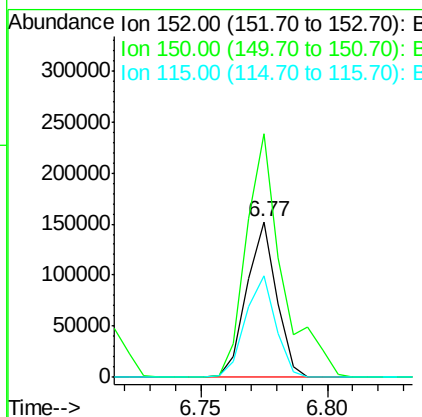
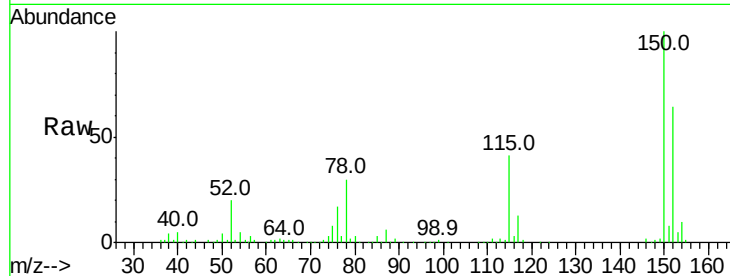
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	65.0	52.2	78.2

Manual Integrations
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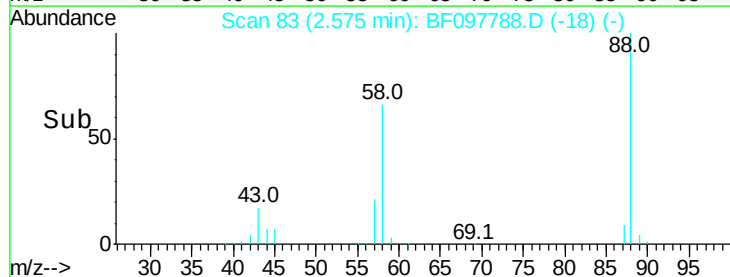
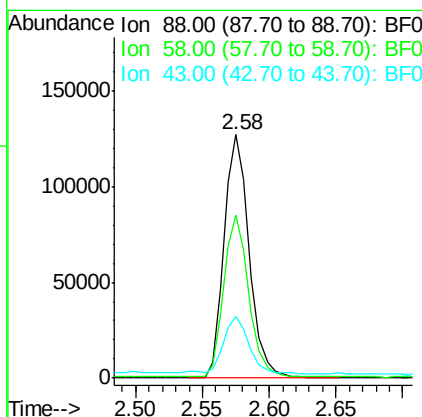
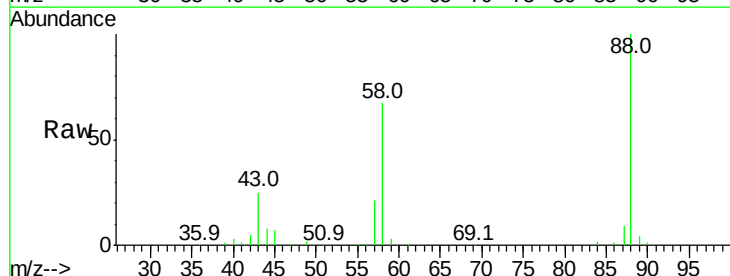
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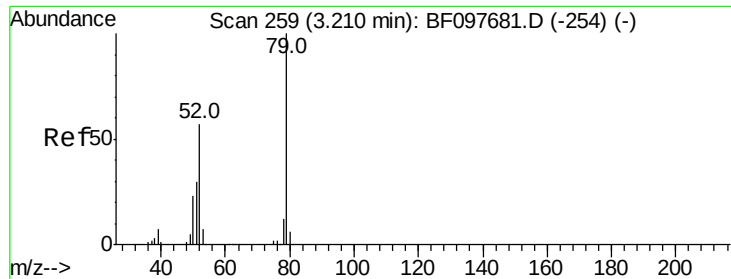


#2

1,4-Dioxane
 Concen: 37.018 ng
 RT: 2.58 min Scan# 83
 Delta R.T. 0.08 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	61.4	92.0
43	25.1	23.4	35.0





#3

Pvrindine

Concen: 38.354 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

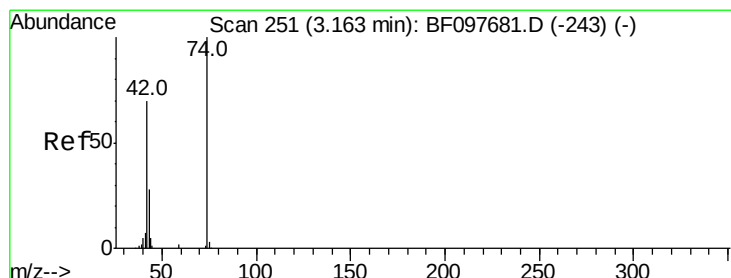
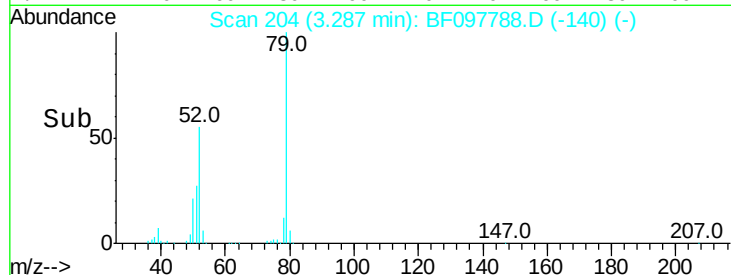
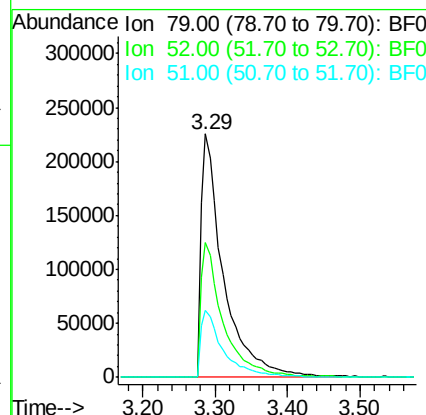
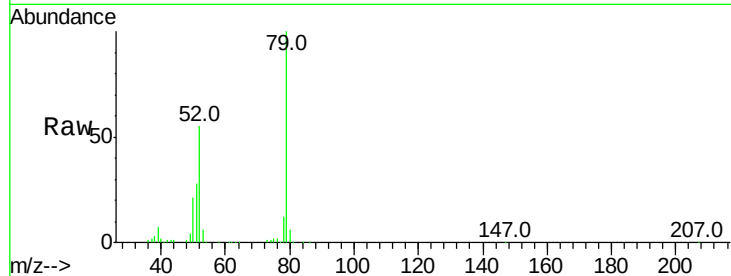
ClientSampleId :

PB101563BS

Tot Ion:	79	Resp:	484329
Ion Ratio	Lower	Upper	
79	100		
52	55.3	54.8	82.2
51	27.6	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.754 ng

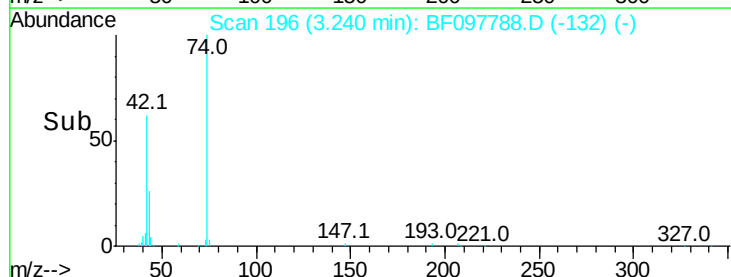
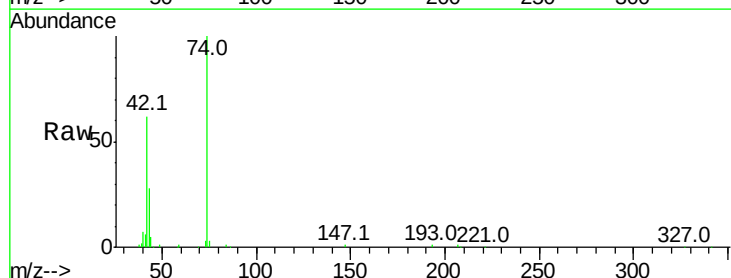
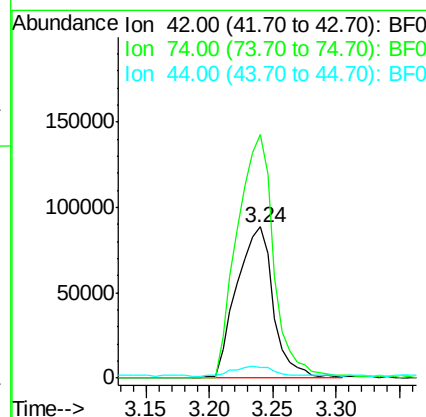
RT: 3.24 min Scan# 196

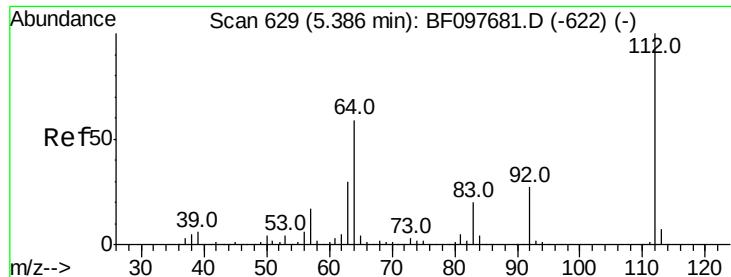
Delta R.T. 0.08 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:	42	Resp:	178584
Ion Ratio	Lower	Upper	
42	100		
74	161.2	103.9	155.9#
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 123.495 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

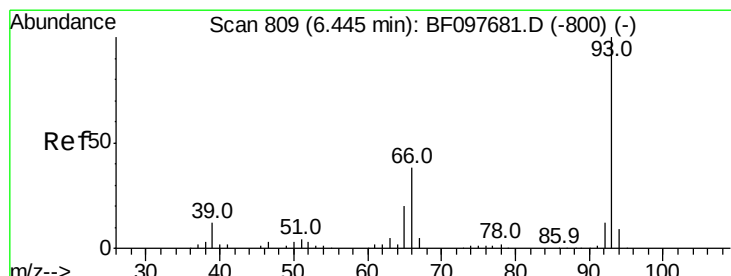
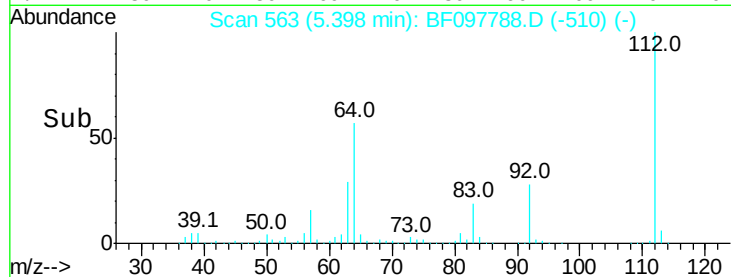
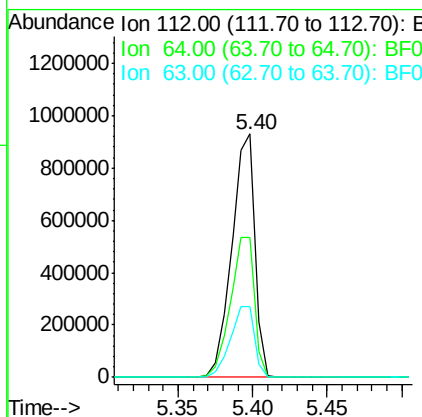
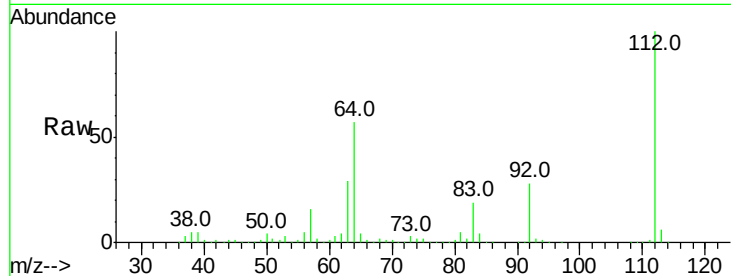
ClientSampleId :

PB101563BS

Tot Ion:	112	Resp:	1011512
Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	28.9	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 19.810 ng

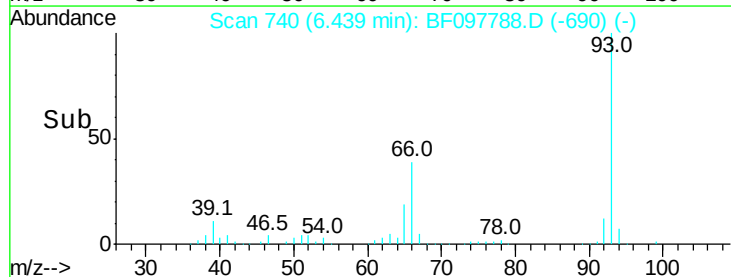
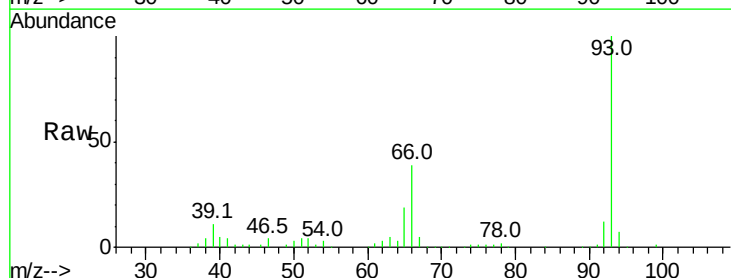
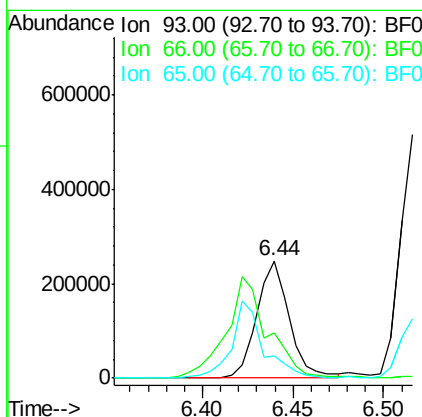
RT: 6.44 min Scan# 740

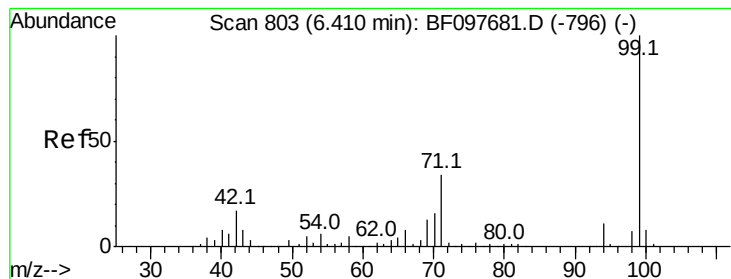
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:	93	Resp:	309706
Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.9	49.3
65	19.0	16.0	24.0





#7

Phenol-d6

Concen: 125.309 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampled :

PB101563BS

Tot Ion: 99 Resp: 1394545

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

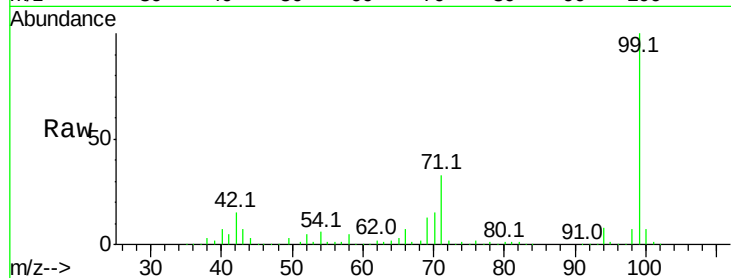
71 32.6 24.5 36.7

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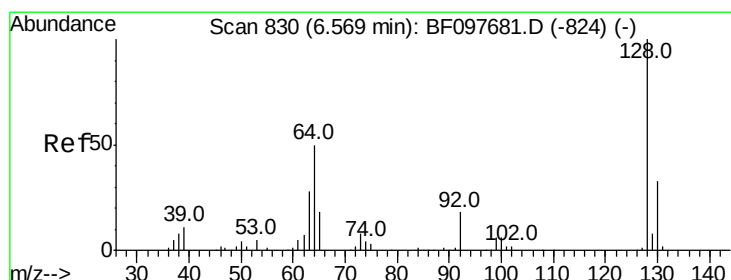
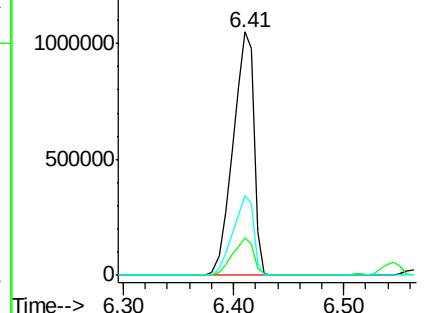
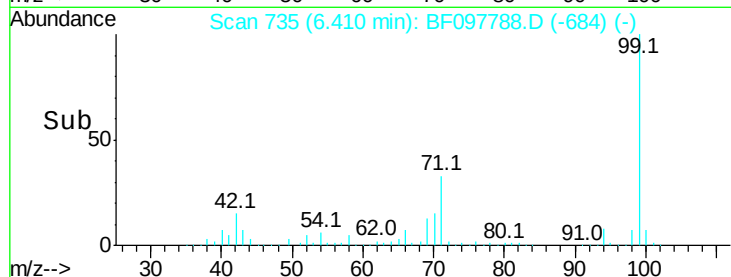
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.320 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

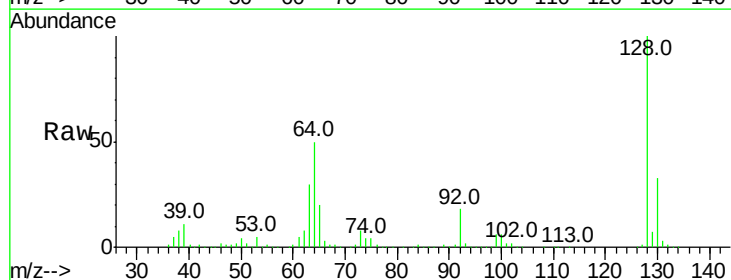
Tgt Ion:128 Resp: 356923

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

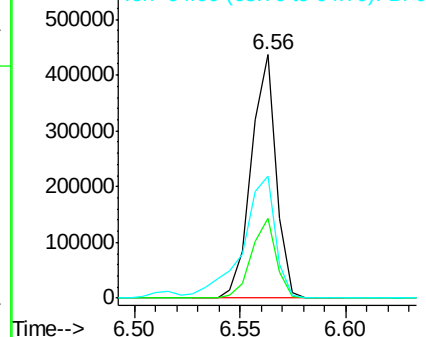
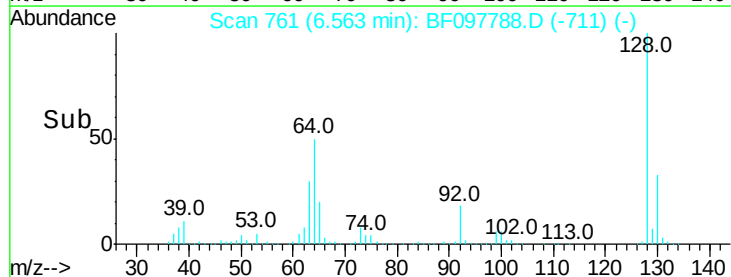
64 49.9 28.4 68.4

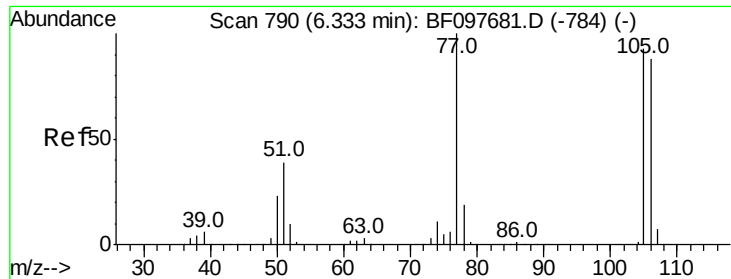


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.133 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

Tot Ion: 77 Resp: 134872

Ion Ratio Lower Upper

77 100

105 91.0 83.8 123.8

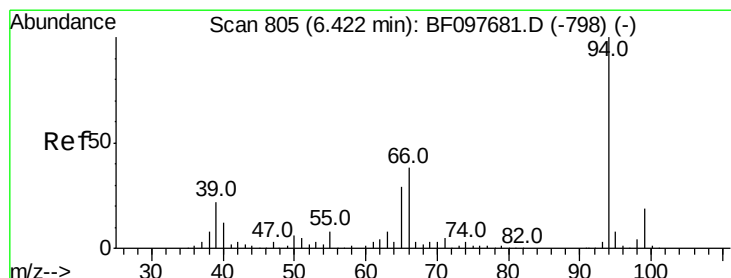
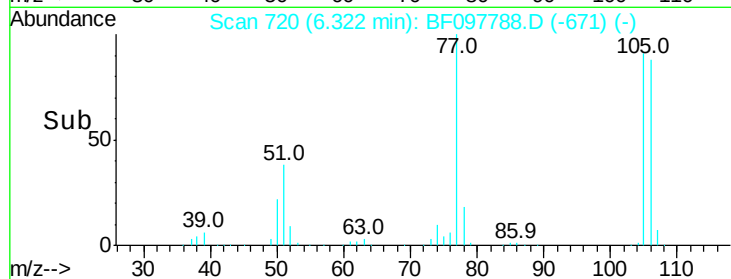
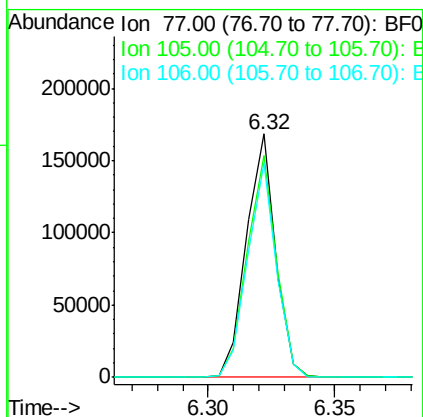
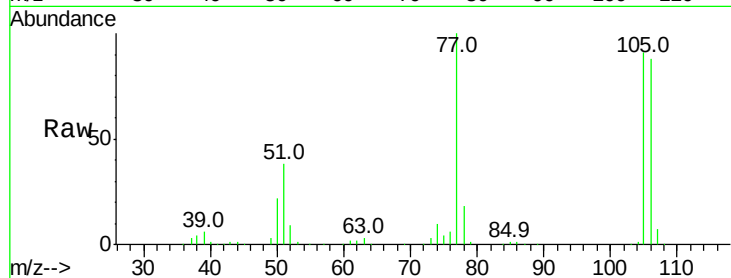
106 87.8 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 39.951 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

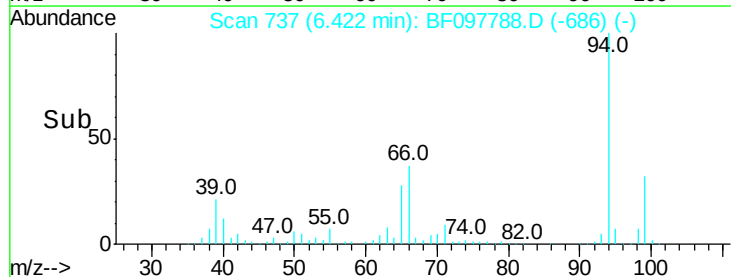
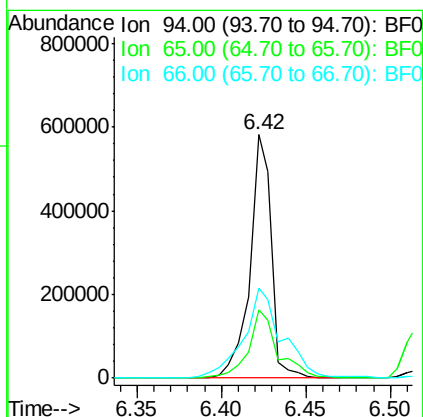
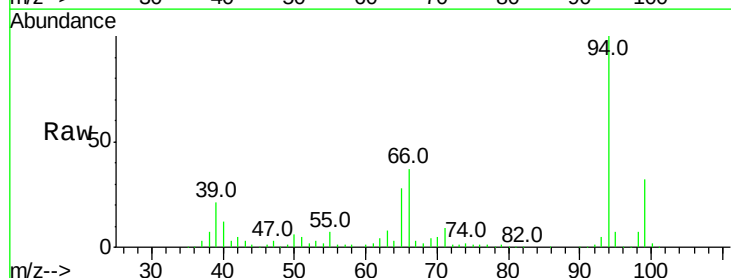
Tgt Ion: 94 Resp: 519998

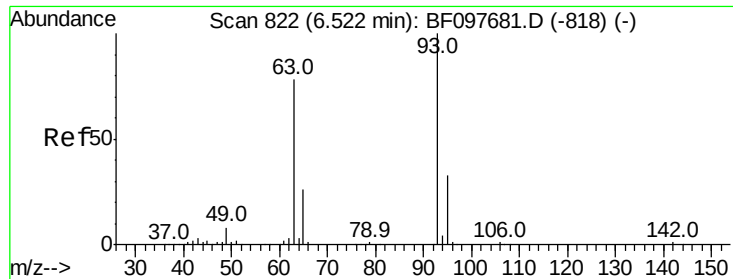
Ion Ratio Lower Upper

94 100

65 28.2 9.9 49.9

66 36.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.904 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

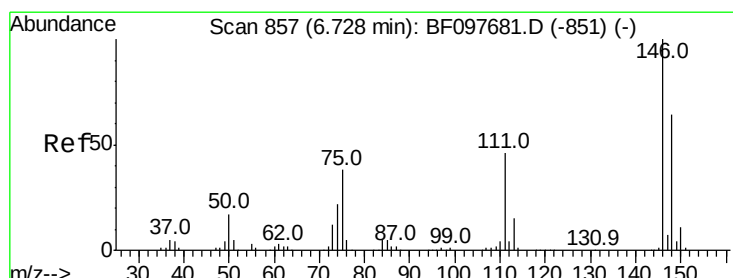
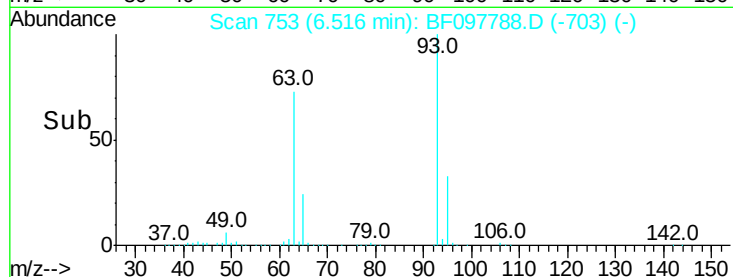
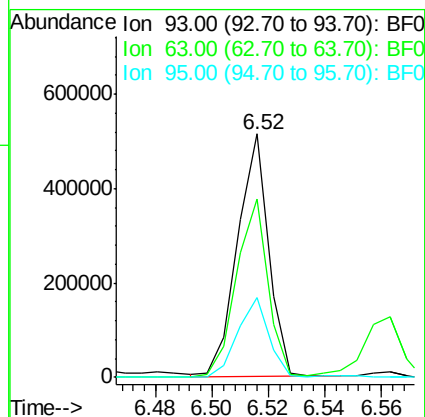
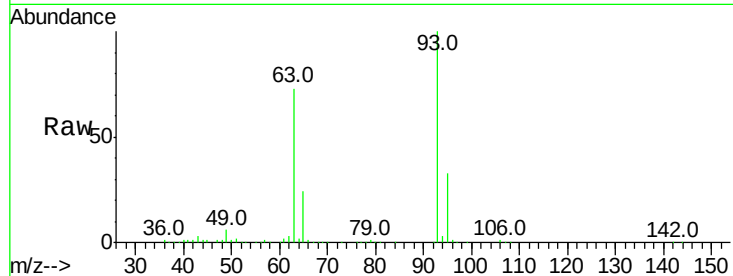
ClientSampleId :

PB101563BS

Tot Ion:	93	Resp:	392013
Ion Ratio	Lower	Upper	
93	100		
63	73.1	59.2	99.2
95	32.7	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.947 ng

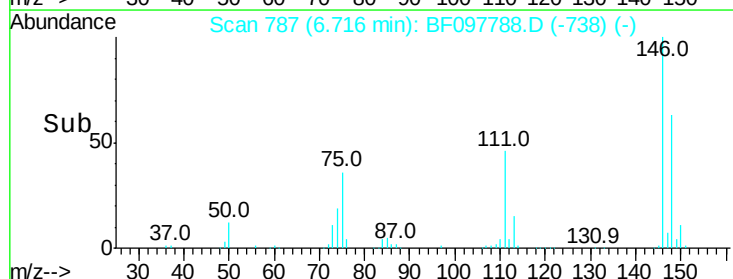
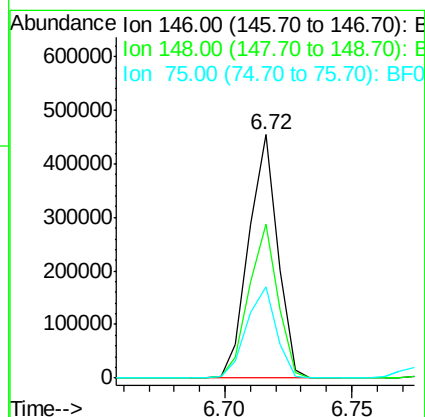
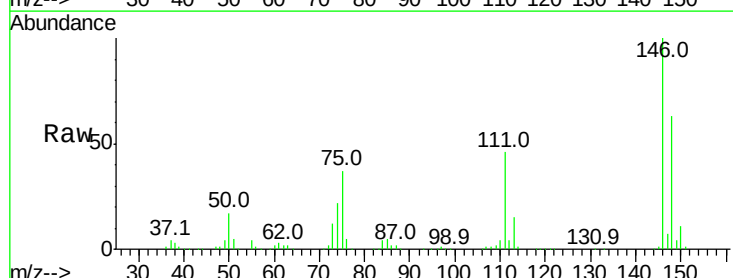
RT: 6.72 min Scan# 787

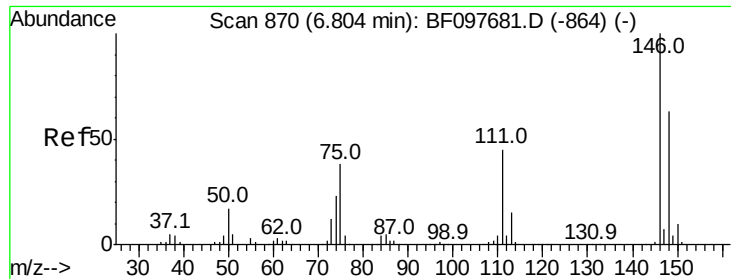
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:	146	Resp:	361874
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.6
75	37.4	23.1	34.7#





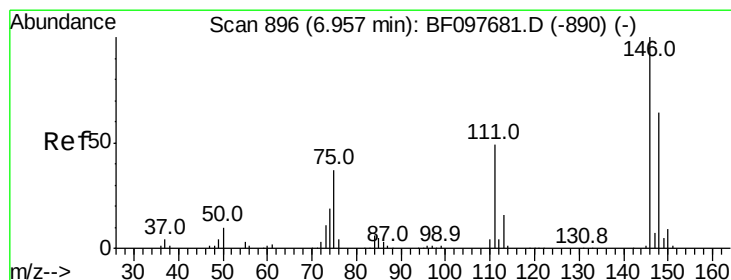
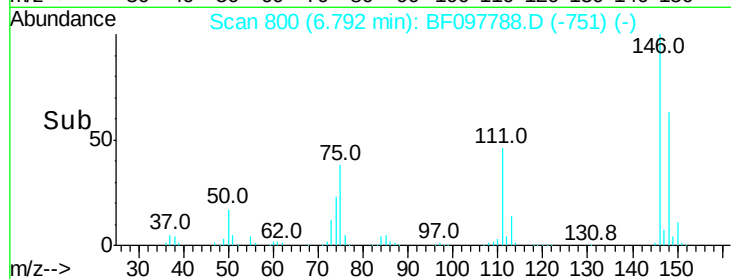
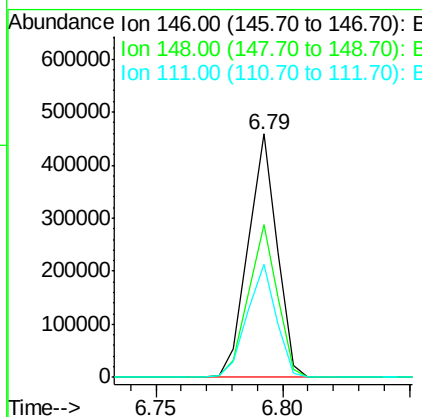
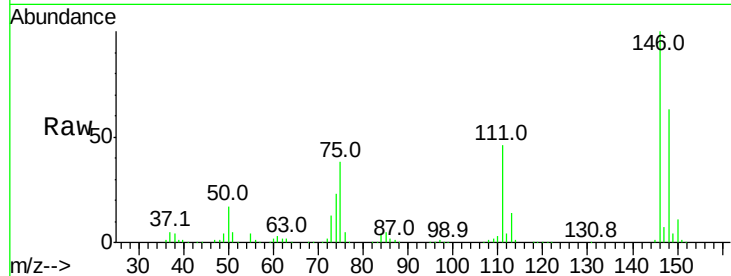
#13
 1,4-Dichlorobenzene
 Concen: 38.605 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	46.2	30.3	45.5

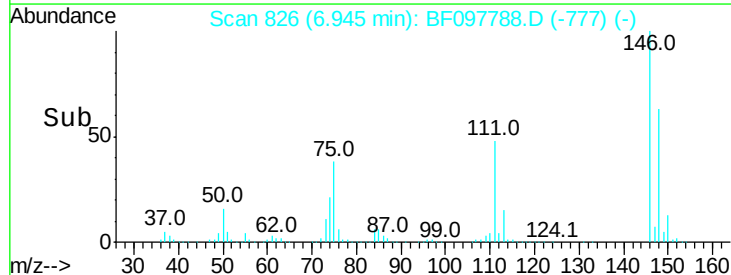
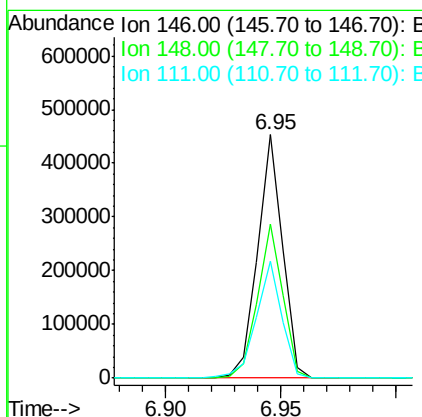
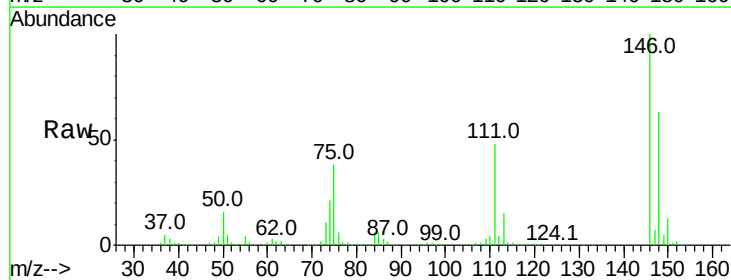
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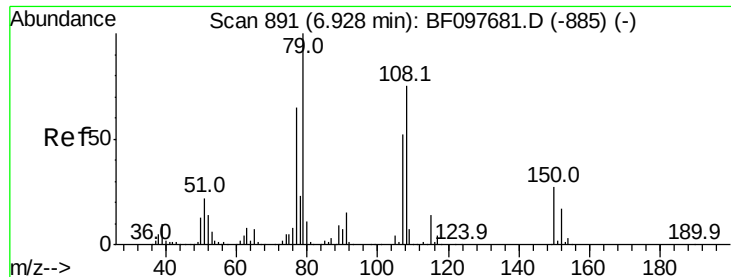
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#14
 1,2-Dichlorobenzene
 Concen: 39.283 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	48.2	38.2	57.4





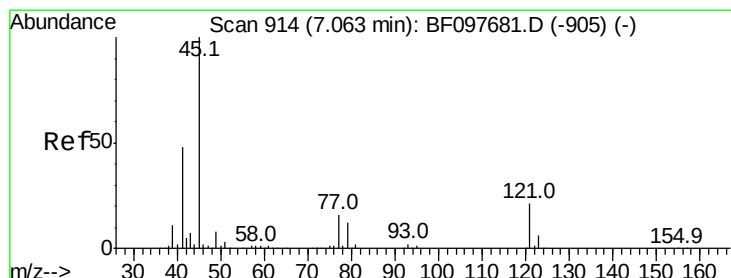
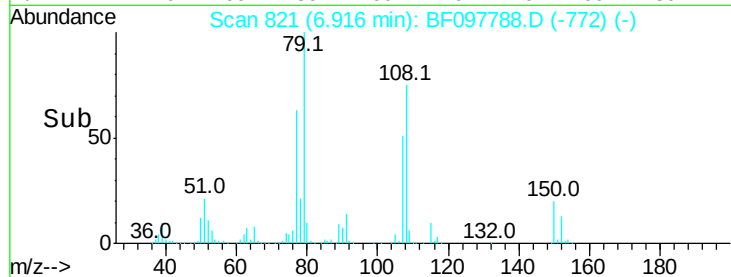
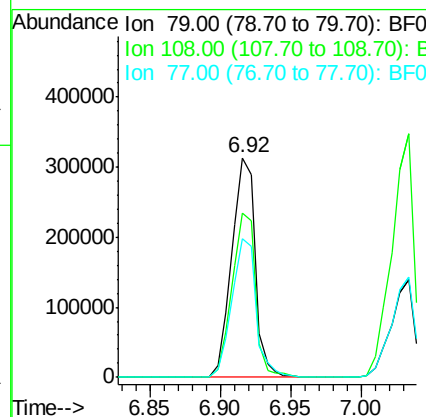
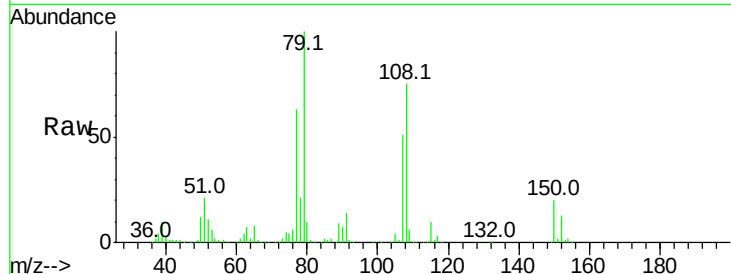
#15
Benzyl Alcohol
Concen: 43.539 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.8	63.4	95.0	
77	63.0	49.2	73.8	

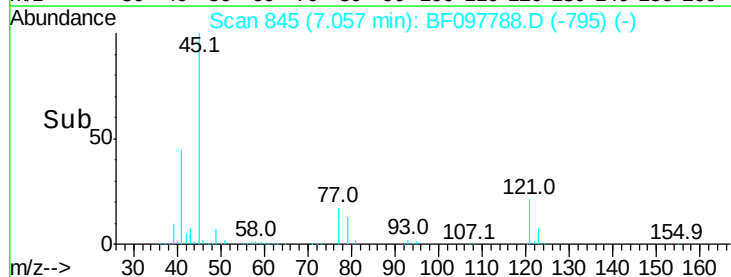
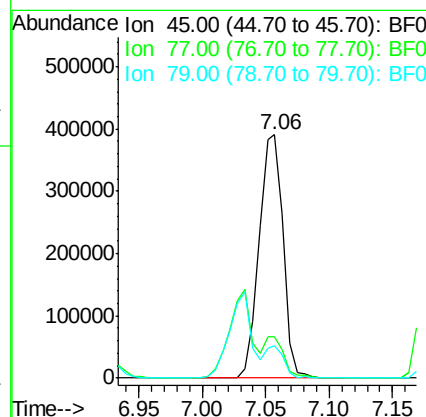
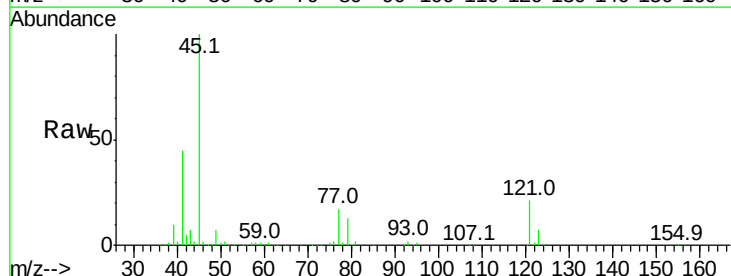
Manual Integrations
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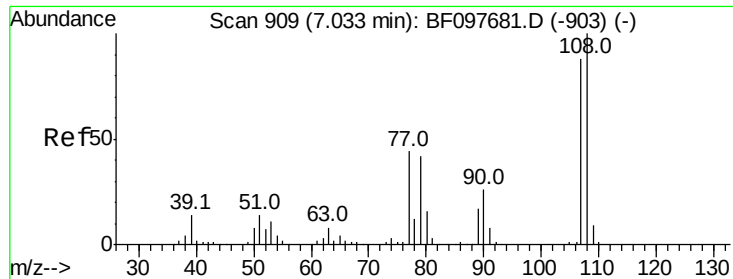
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.223 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	16.8	0.0	33.2	
79	13.2	0.0	30.0	





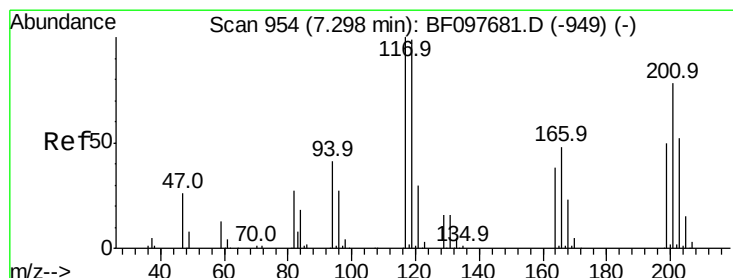
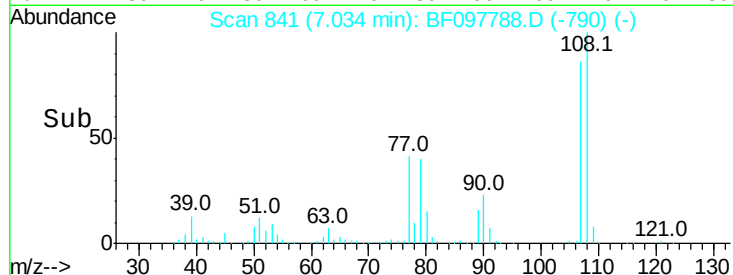
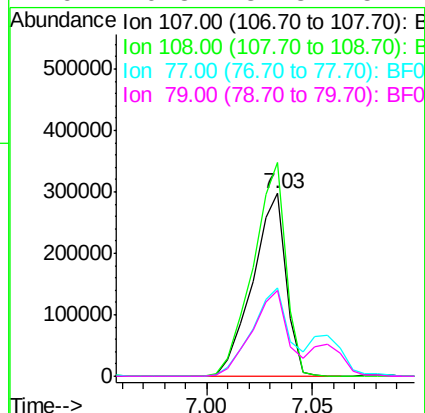
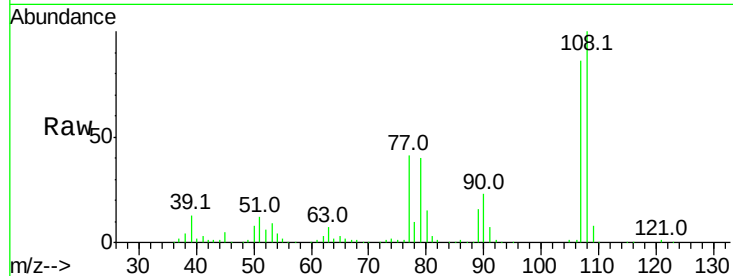
#17
2-Methylphenol
Concen: 43.071 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampled :
PB101563BS

Tot Ion	107	Resp	327862
Ion Ratio	Lower	Upper	
107	100		
108	116.8	93.4	140.0
77	48.0	35.8	53.6
79	46.8	34.8	52.2

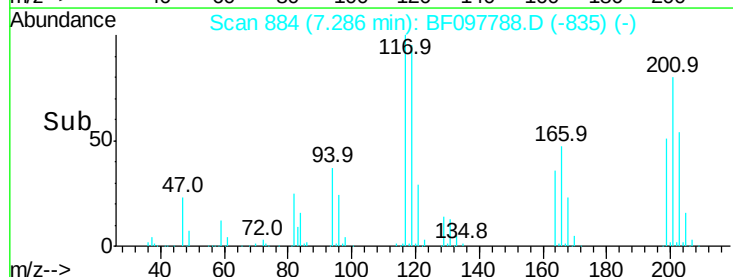
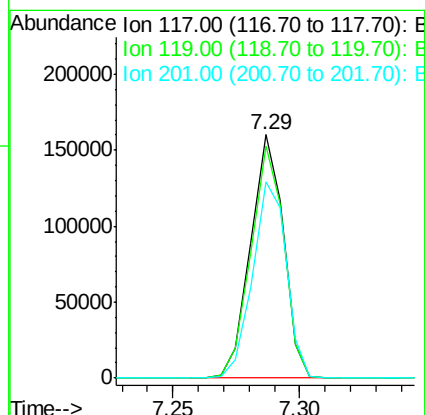
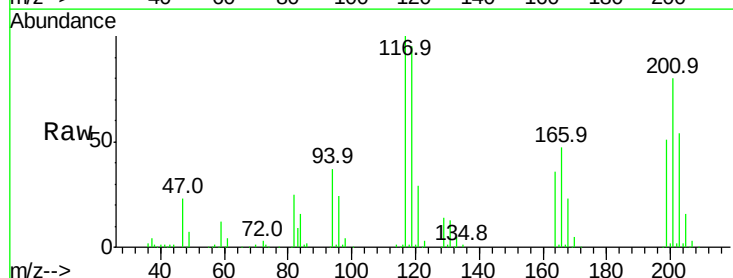
Manual Integrations
APPROVED

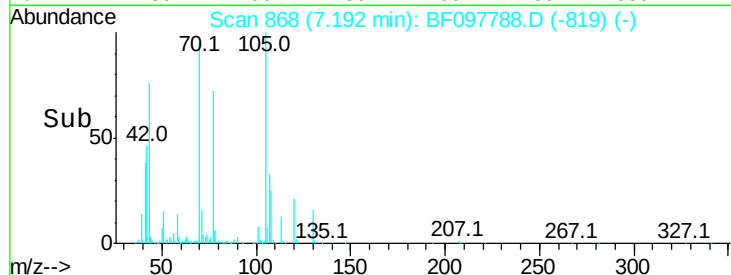
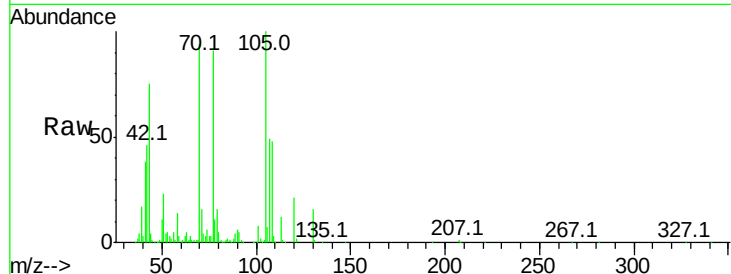
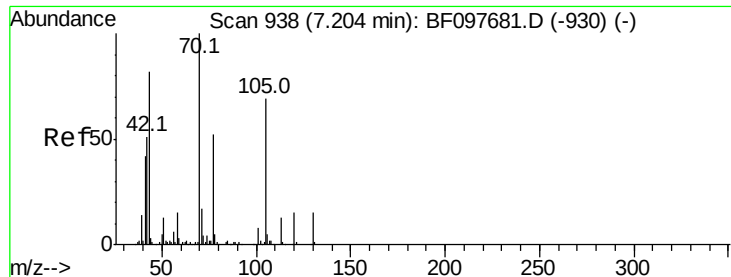
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#18
Hexachloroethane
Concen: 39.150 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	117	Resp	145048
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.4	116.0
201	80.4	94.6	141.8#





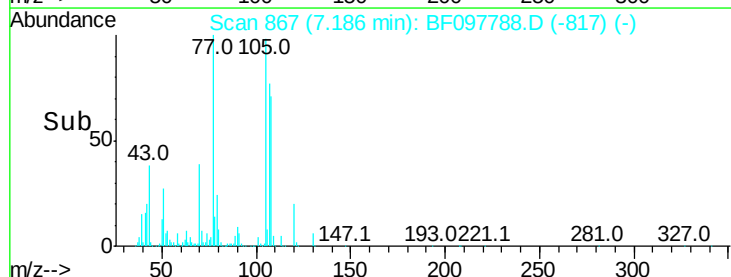
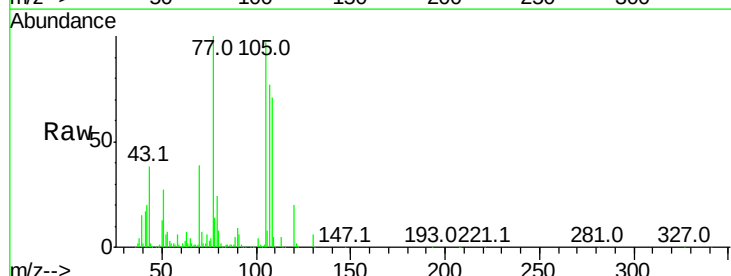
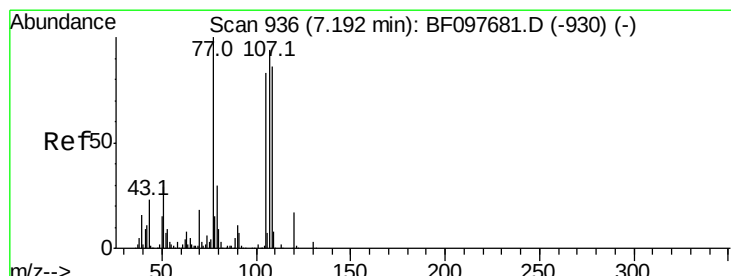
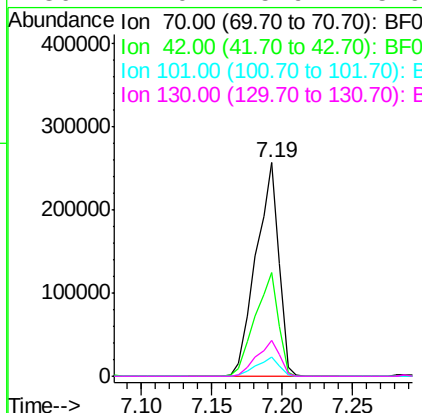
#19
n-Nitroso-di-n-propylamine
Concen: 38.608 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.2	70.8
101	8.8	7.2	10.8
130	17.0	15.9	23.9

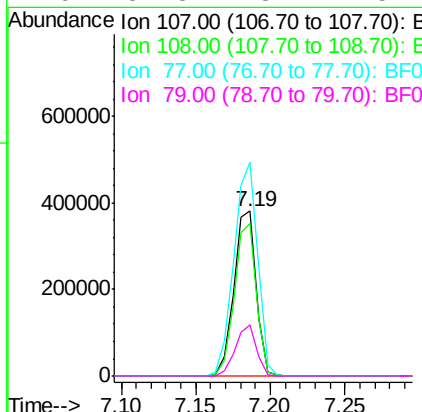
Manual Integrations
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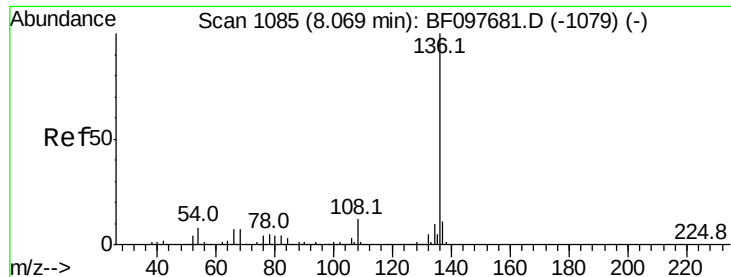
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#20
3+4-Methylphenols
Concen: 42.975 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.0	111.0
77	129.8	90.5	130.5
79	31.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

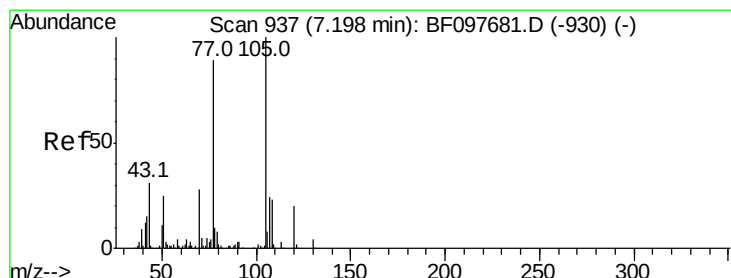
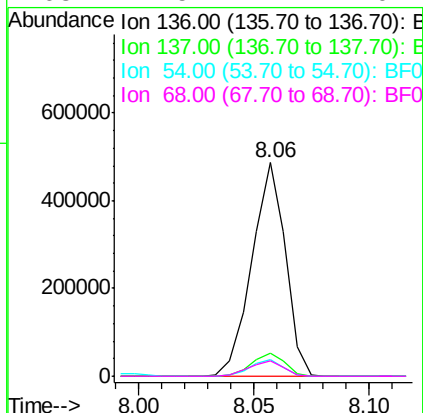
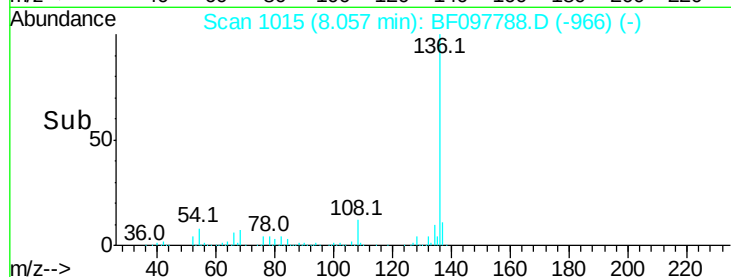
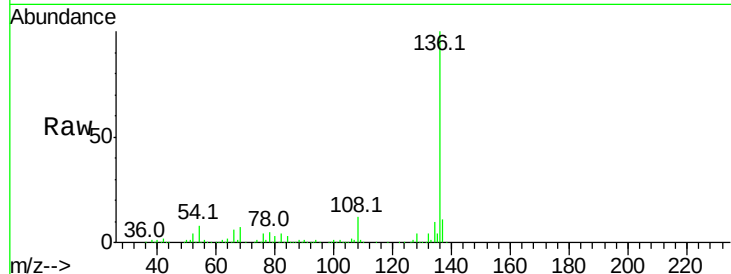
ClientSampleId :

PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	494559		
137	11.0	8.5	12.7	
54	7.8	4.9	7.3#	
68	7.5	4.1	6.1#	

Manual Integrations
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#22

Acetophenone

Concen: 40.492 ng

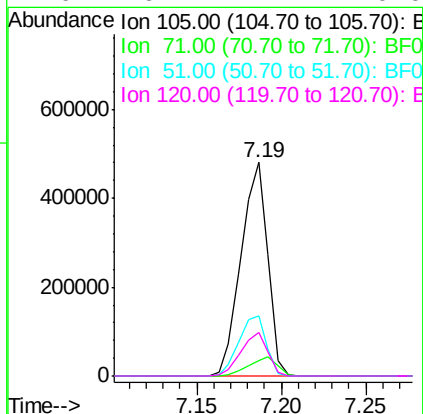
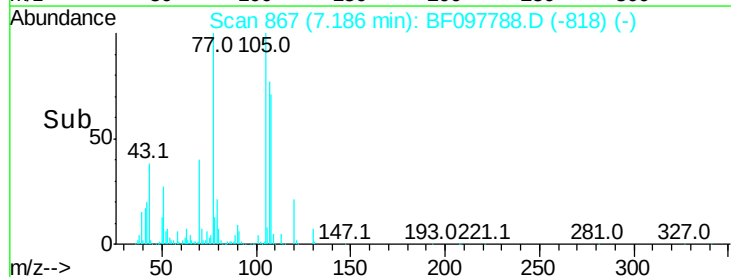
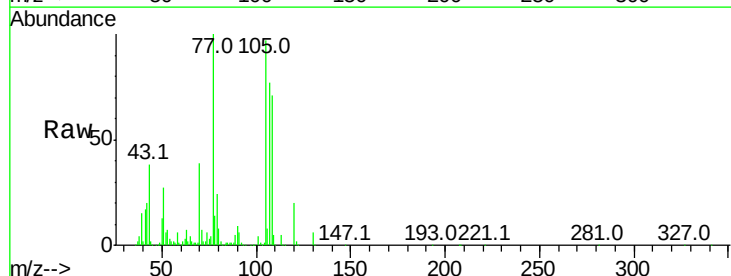
RT: 7.19 min Scan# 867

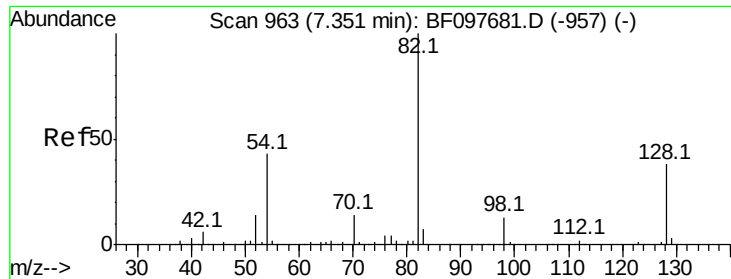
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	529037		
71	7.0	2.8	4.2#	
51	28.2	30.7	46.1#	
120	20.7	17.4	26.0	





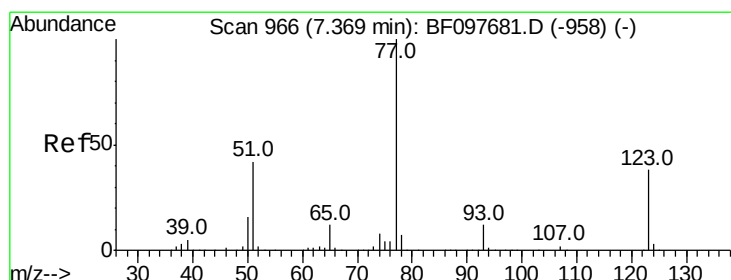
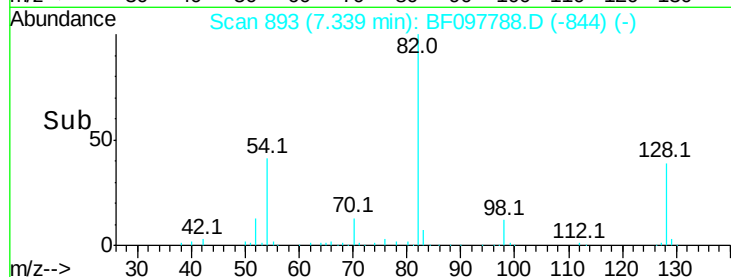
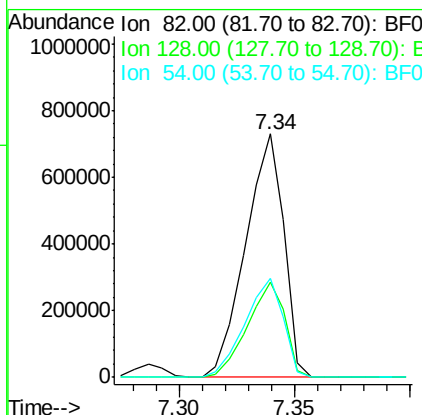
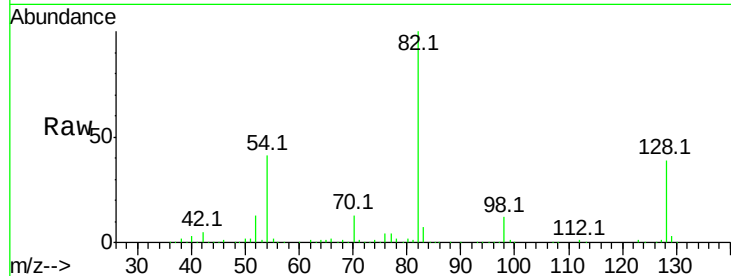
#23
Nitrobenzene-d5
Concen: 92.489 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	34.0	51.0	
54	40.8	42.2	63.2	

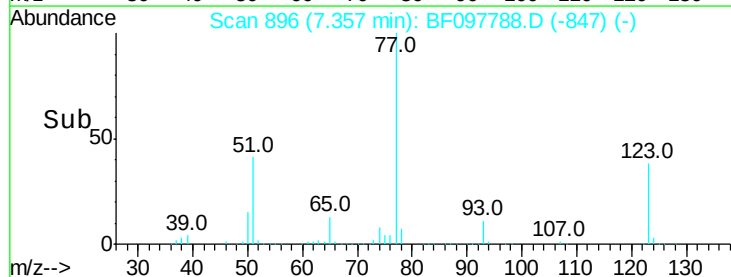
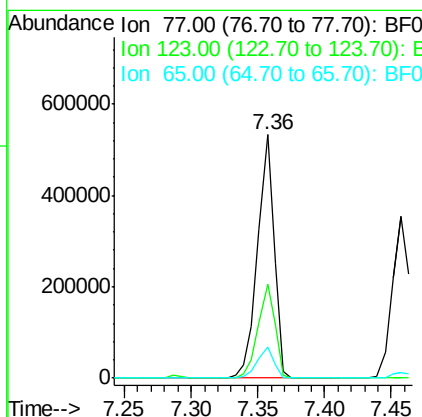
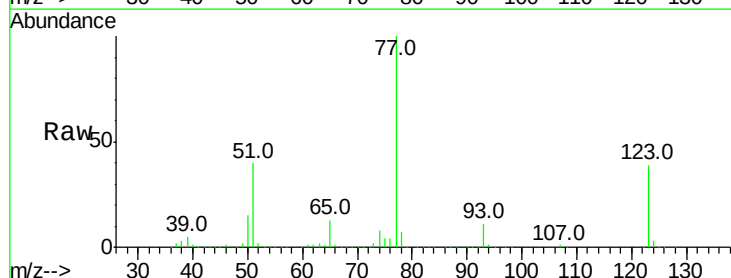
Manual Integrations
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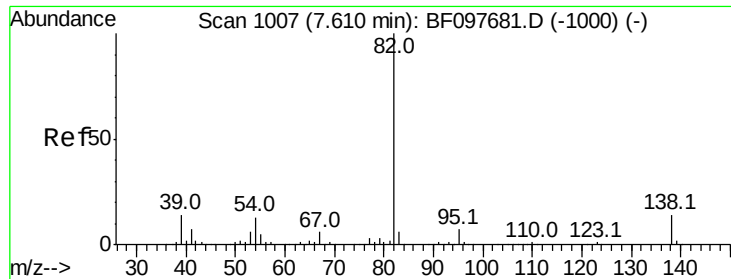
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#24
Nitrobenzene
Concen: 44.447 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.6	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 42.426 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

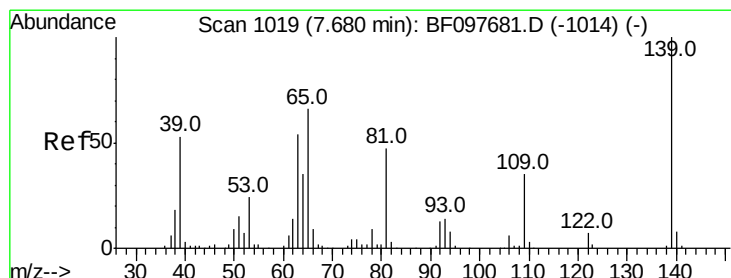
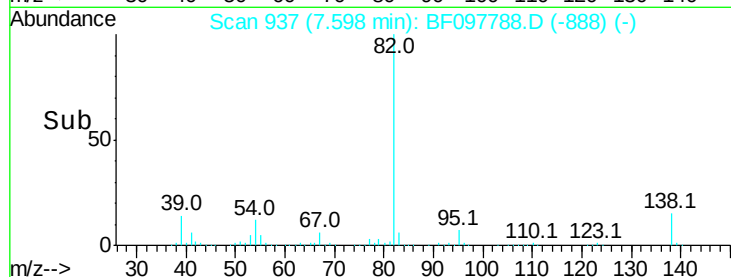
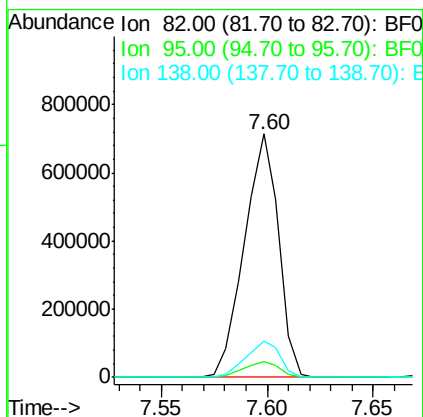
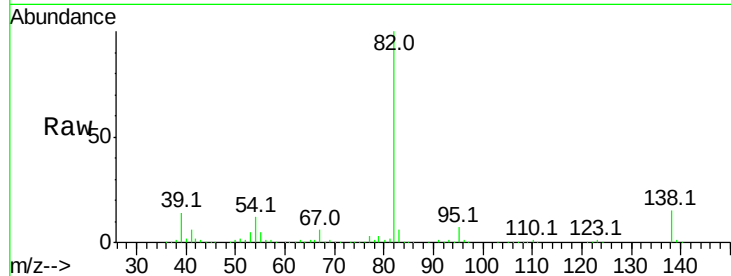
ClientSampleId :

PB101563BS

Tot Ion	82	Resp	803130
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	14.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.218 ng

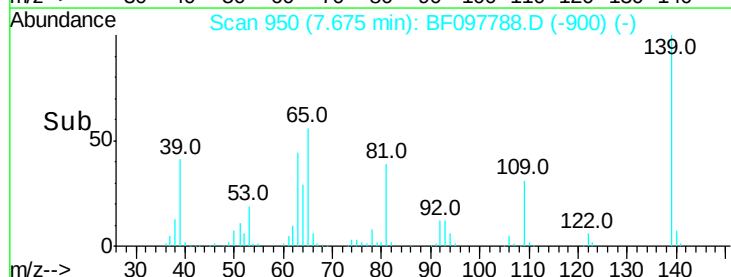
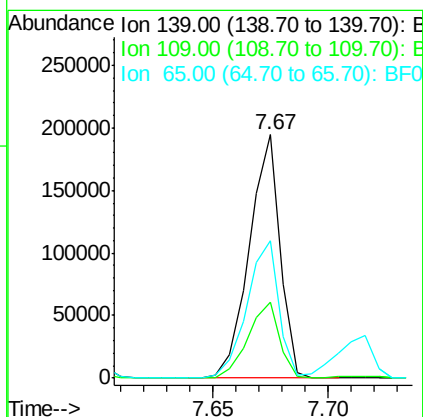
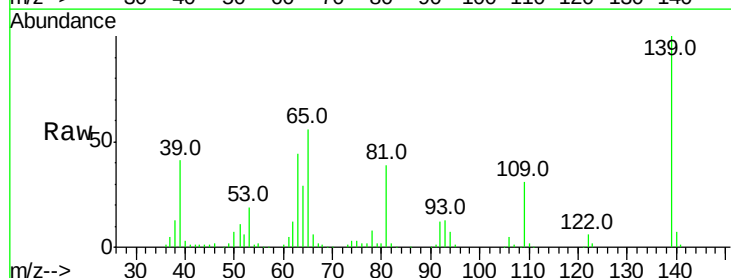
RT: 7.67 min Scan# 950

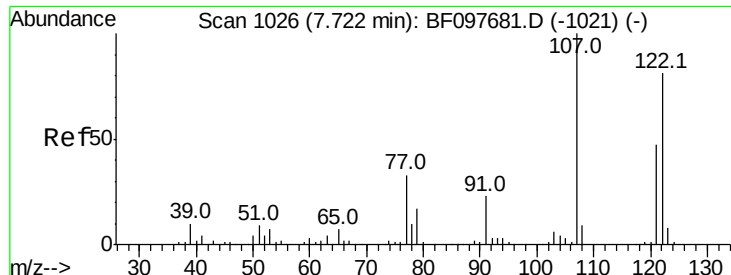
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion	139	Resp	181297
Ion Ratio	Lower	Upper	
139	100		
109	31.3	21.0	31.6
65	56.2	33.0	49.6





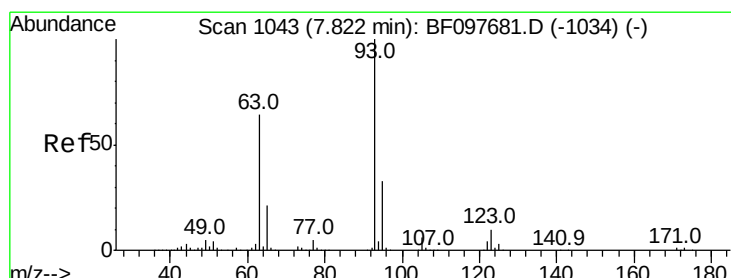
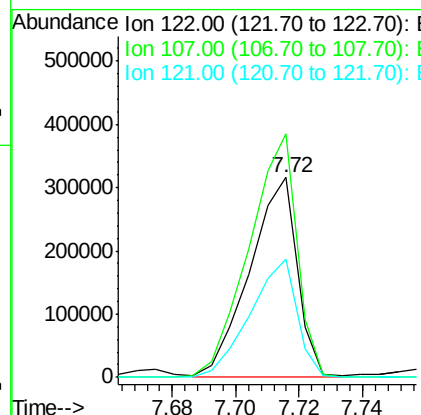
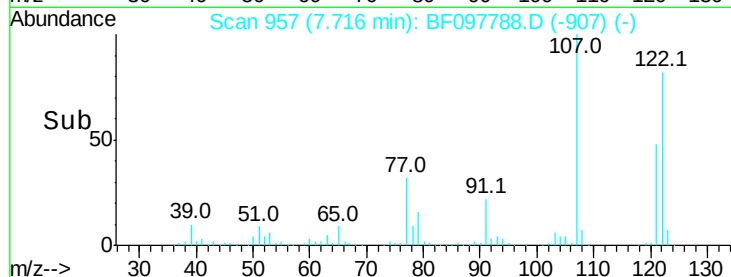
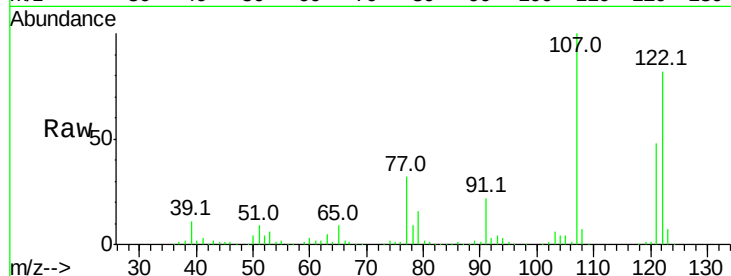
#27
 2,4-Dimethylphenol
 Concen: 41.814 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampled :
 PB101563BS

Tot Ion:	122	Resp:	330119
Ion Ratio	Lower	Upper	
122	100		
107	121.8	89.2	133.8
121	58.9	45.2	67.8

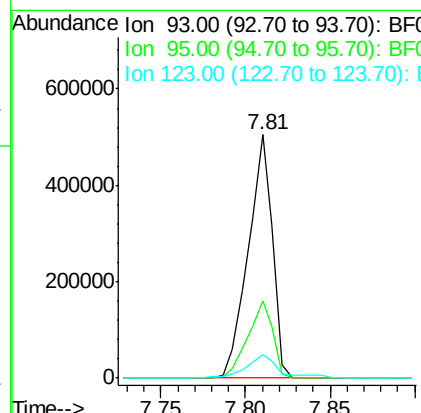
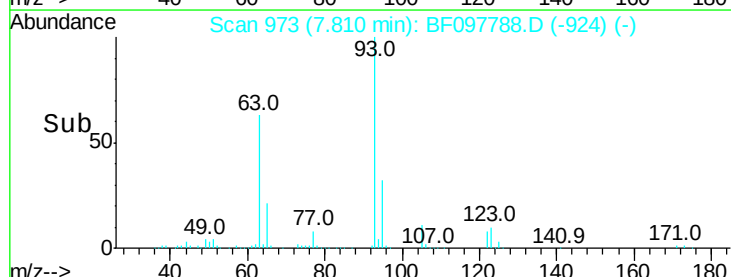
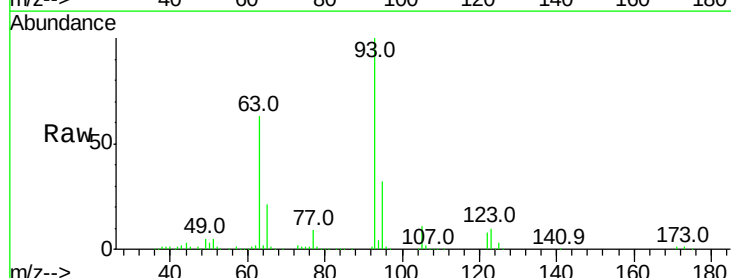
Manual Integrations
 APPROVED

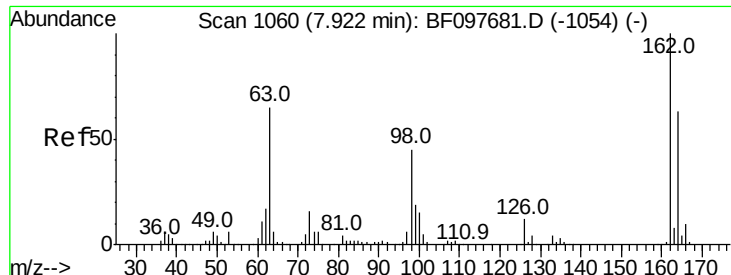
Sohil
 8/18/2017 7:03:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.629 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:	93	Resp:	505642
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.5	39.7
123	9.8	9.0	13.4





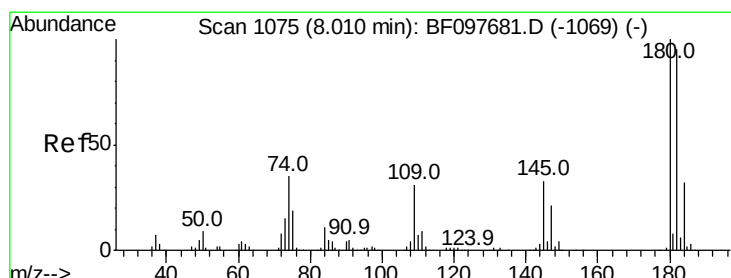
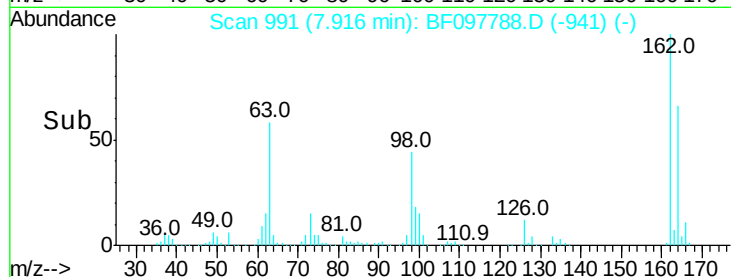
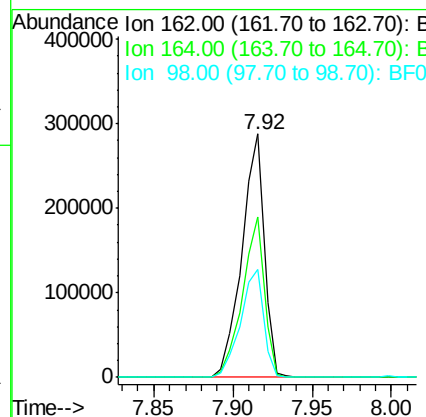
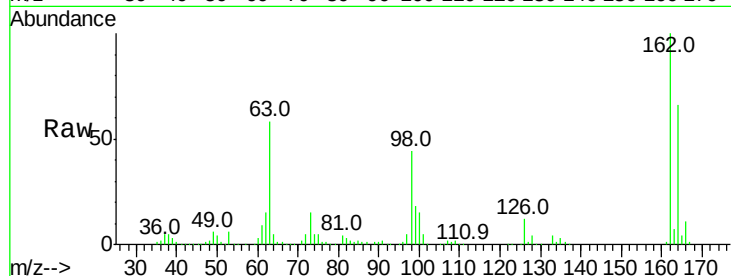
#29
 2,4-Dichlorophenol
 Concen: 43.186 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283018		
164	66.0		44.6	84.6
98	44.5		14.8	54.8

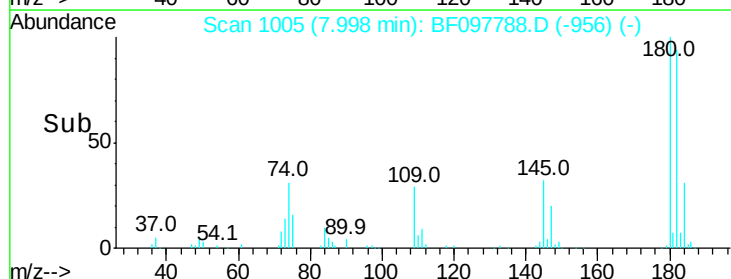
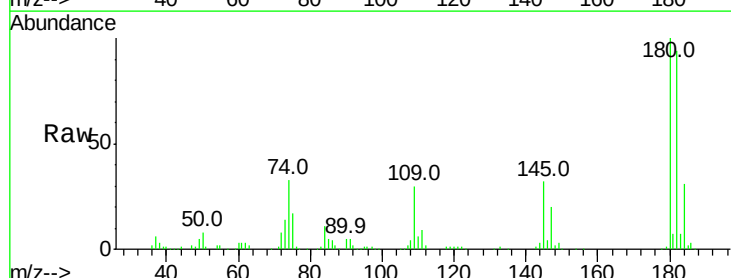
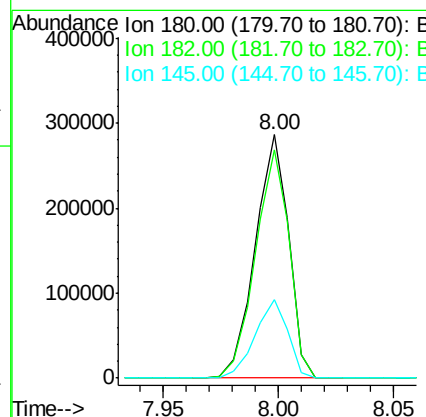
Manual Integrations
 APPROVED

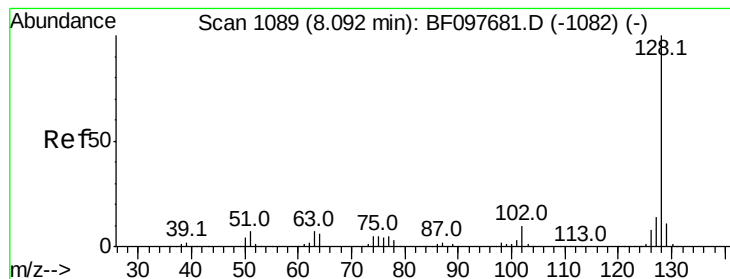
Sohil
 8/18/2017 7:03:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.712 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	288509		
182	93.6		75.8	113.6
145	32.3		25.3	37.9





#31

Naphthalene

Concen: 40.097 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

Tot Ion:128 Resp: 1029501

Ion Ratio Lower Upper

128 100

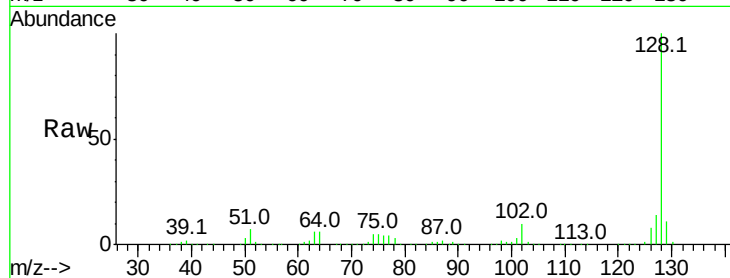
129 11.3 9.0 13.6

127 13.8 10.8 16.2

Manual Integrations
APPROVED

Sohil

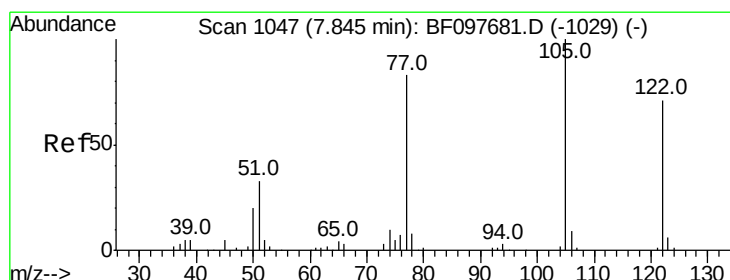
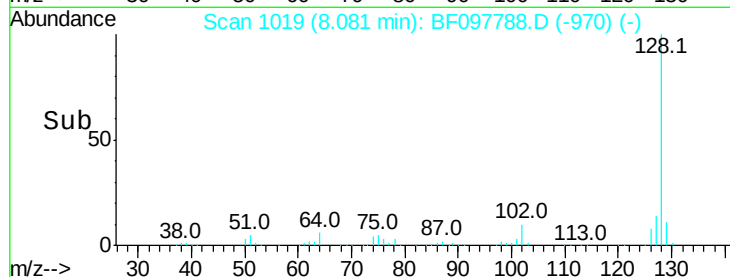
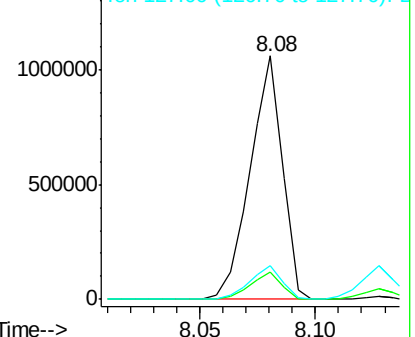
8/18/2017 7:03:34 PM



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: 40.391 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

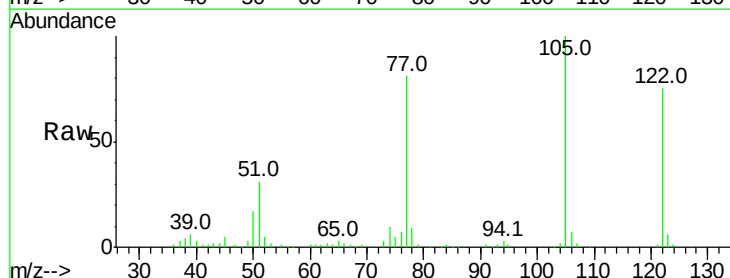
Tgt Ion:122 Resp: 225601

Ion Ratio Lower Upper

122 100

105 133.3 103.3 143.3

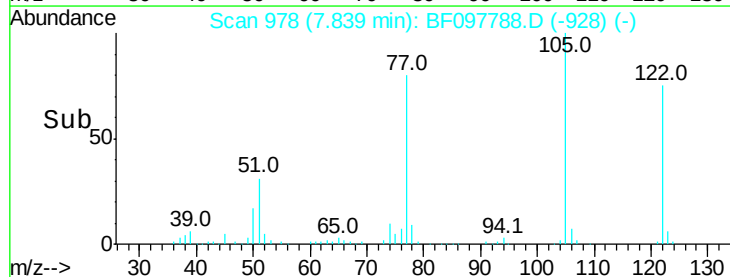
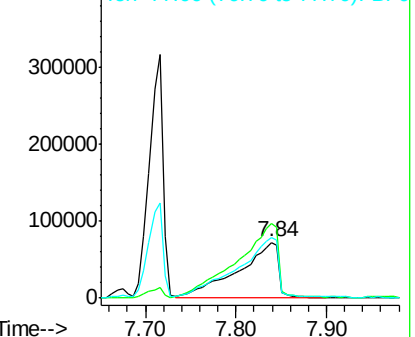
77 107.5 73.7 113.7

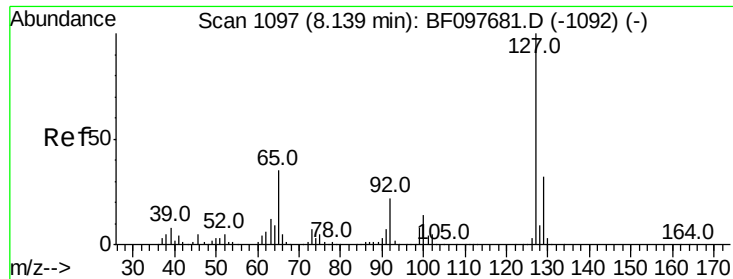


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





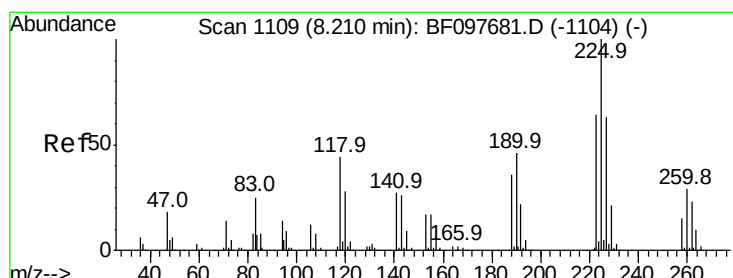
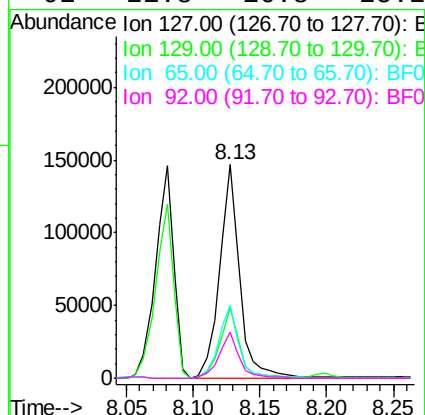
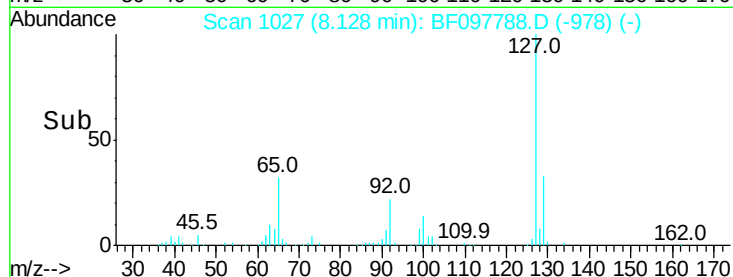
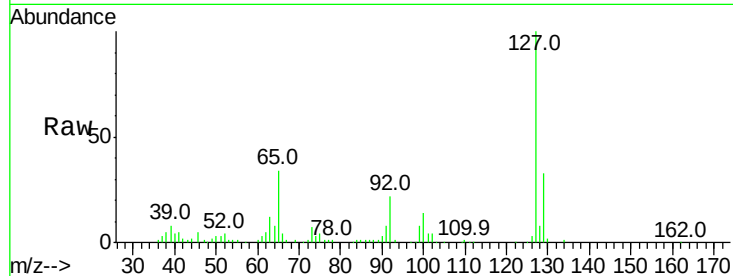
#33
4-Chloroaniline
Concen: 14.403 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.2	39.2	
65	34.1	27.8	41.8	
92	21.8	16.8	25.2	

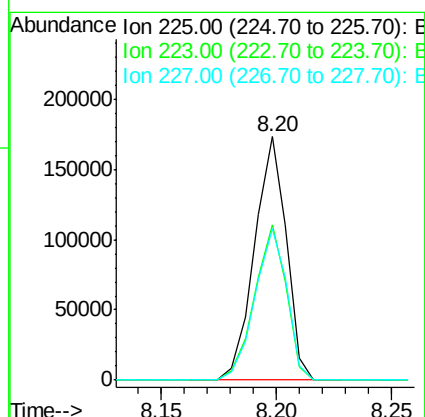
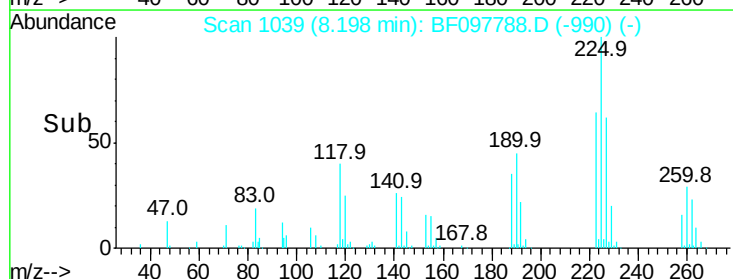
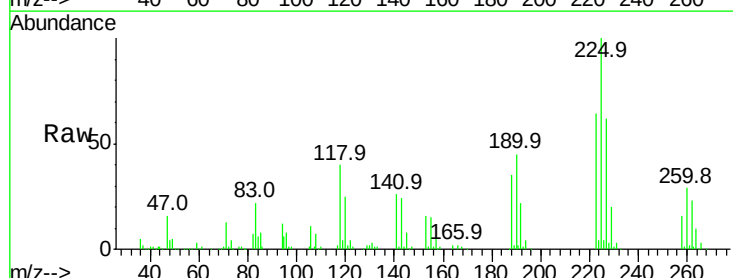
Manual Integrations
APPROVED

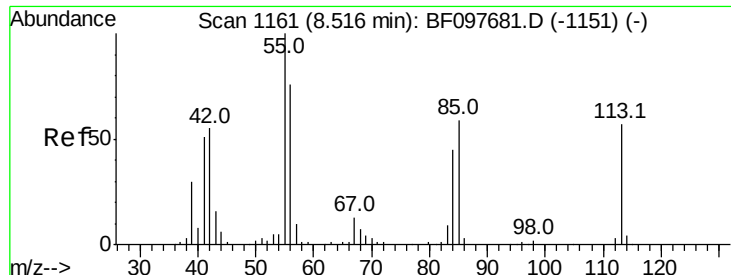
Sohil
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#34
Hexachlorobutadiene
Concen: 39.268 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	48.8	73.2	
227	62.1	51.1	76.7	





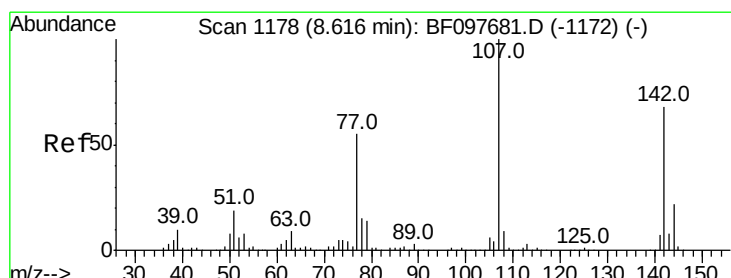
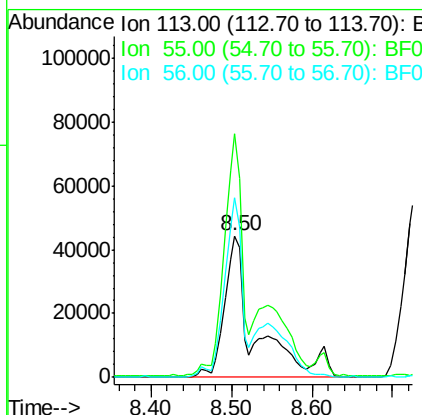
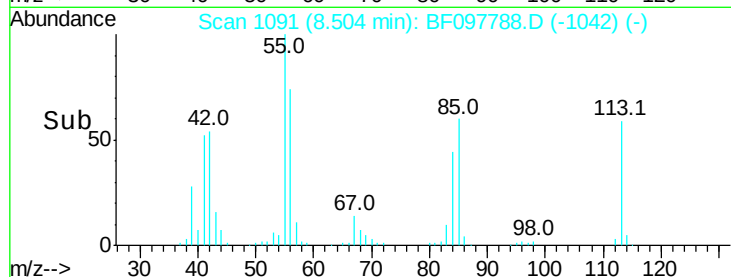
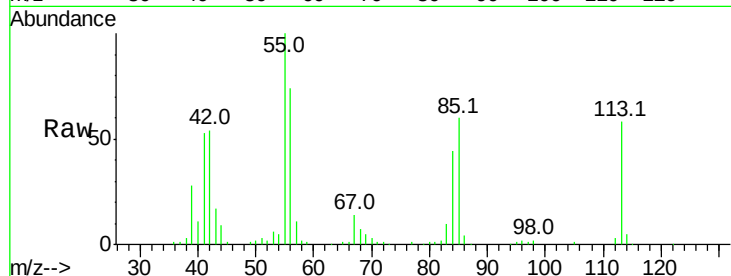
#35
Caprolactam
Concen: 52.025 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampled :
PB101563BS

Tot Ion:113 Resp: 115909
Ion Ratio Lower Upper
113 100
55 172.2 150.2 190.2
56 127.2 107.8 147.8

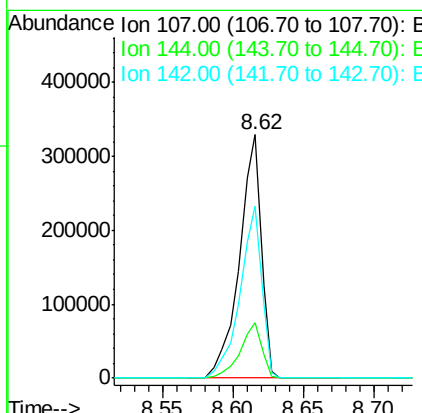
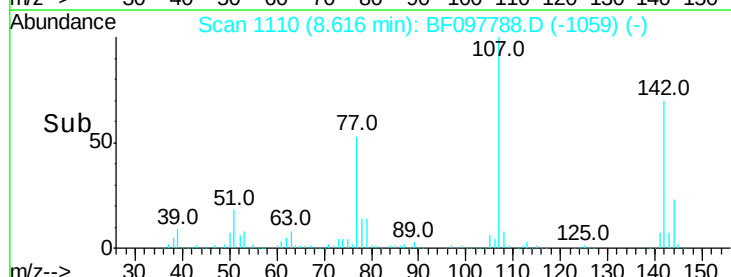
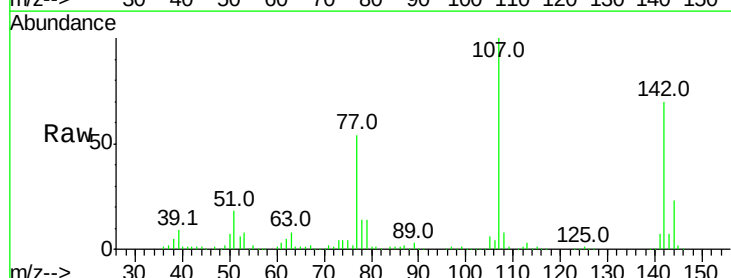
Manual Integrations
APPROVED

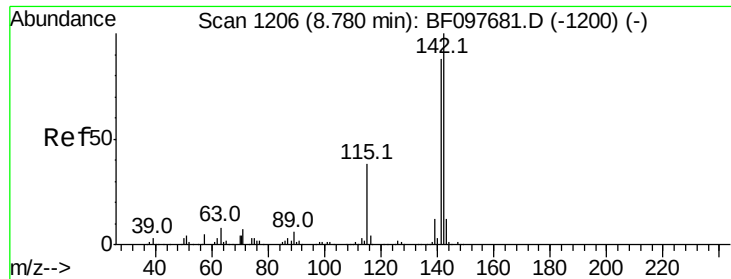
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.290 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:107 Resp: 356082
Ion Ratio Lower Upper
107 100
144 22.8 24.2 36.4#
142 70.4 73.4 110.0#





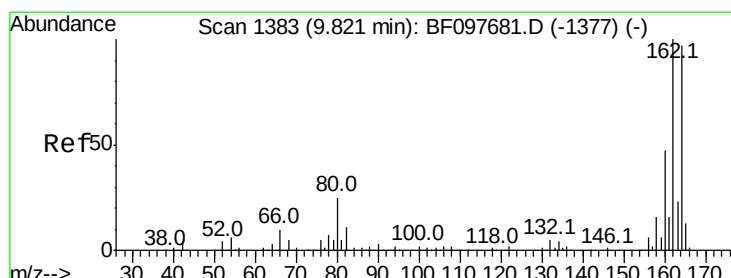
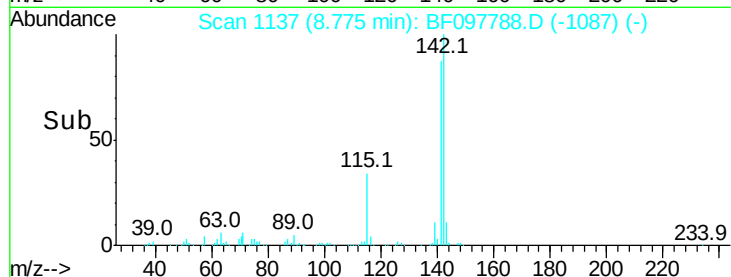
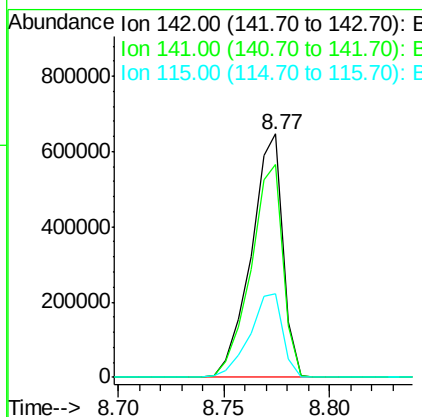
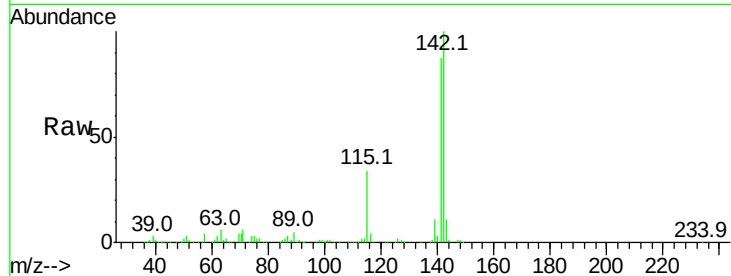
#37
2-Methylnaphthalene
Concen: 43.012 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	677054		
141	87.4	71.3	106.9	
115	34.5	27.1	40.7	

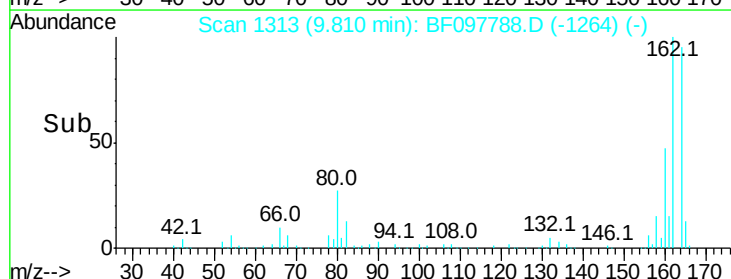
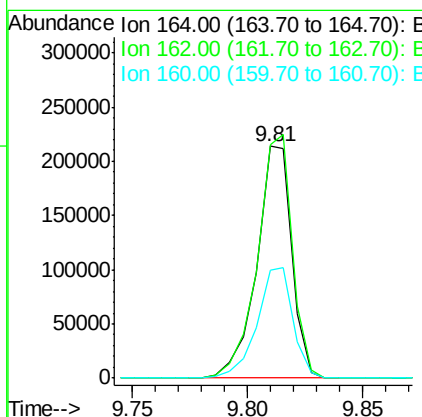
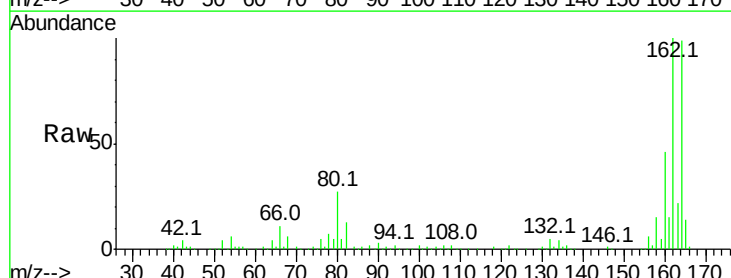
Manual Integrations
APPROVED

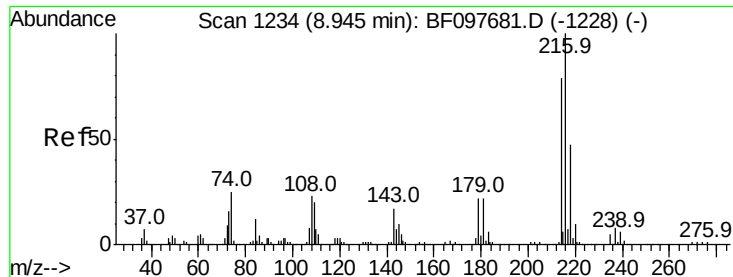
Sohil
8/18/2017 7:03:34 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	226380		
162	100.6	82.6	123.8	
160	46.7	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.755 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

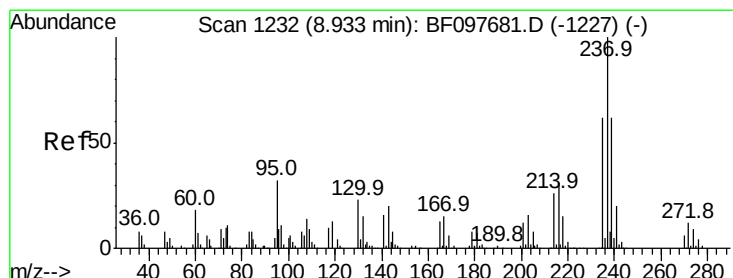
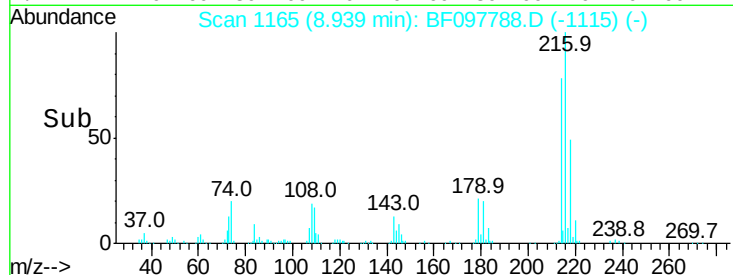
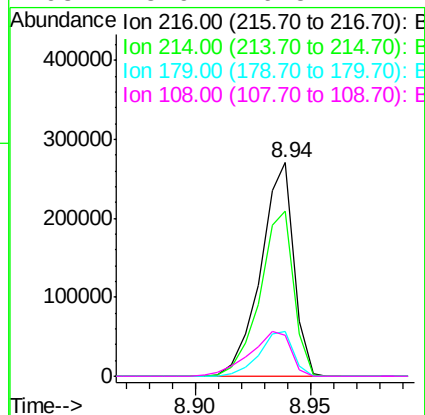
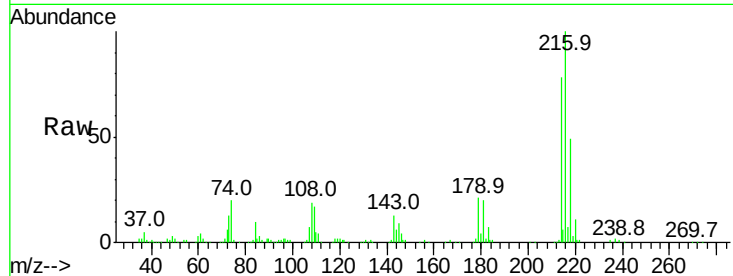
ClientSampleId :

PB101563BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.4	95.2
179	21.8	17.9	26.9
108	25.9	16.5	24.7

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 103.697 ng

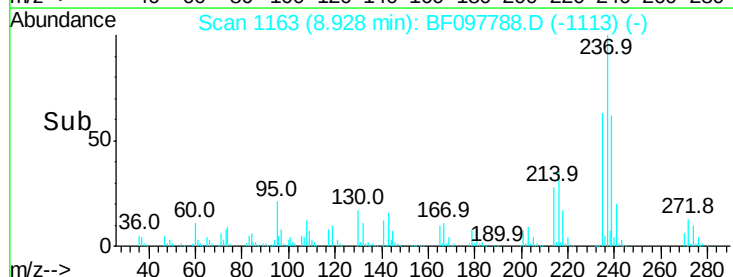
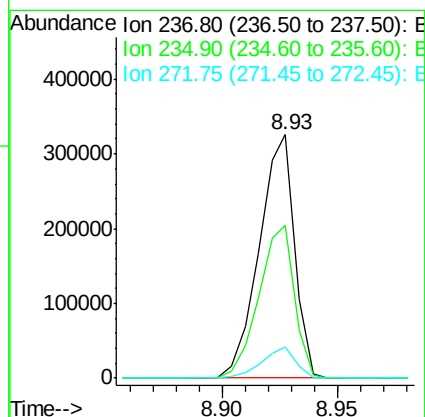
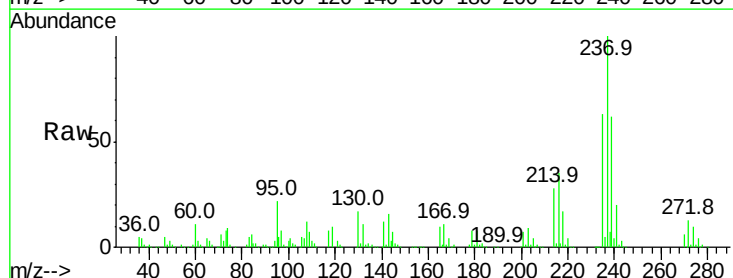
RT: 8.93 min Scan# 1163

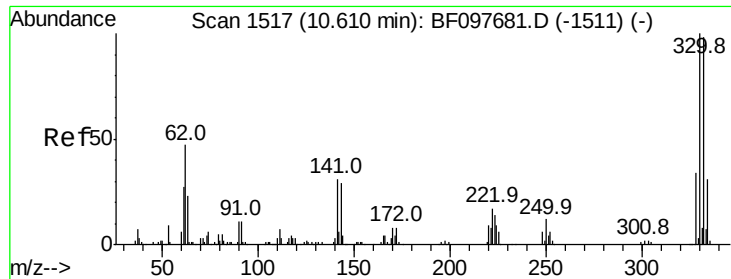
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	42.6	82.6
272	12.9	0.0	31.9





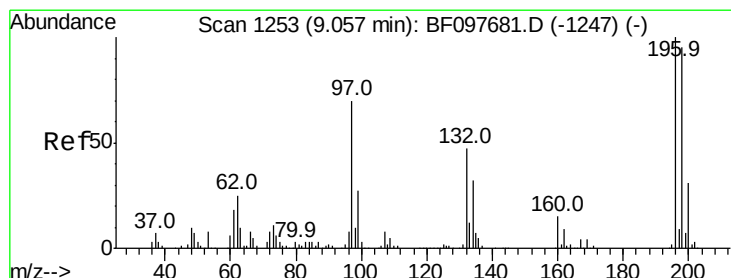
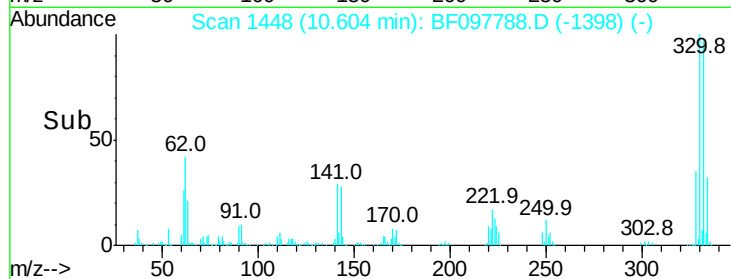
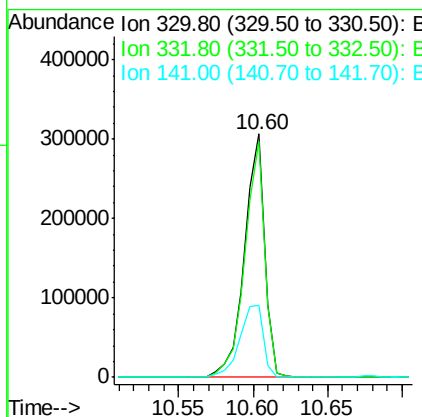
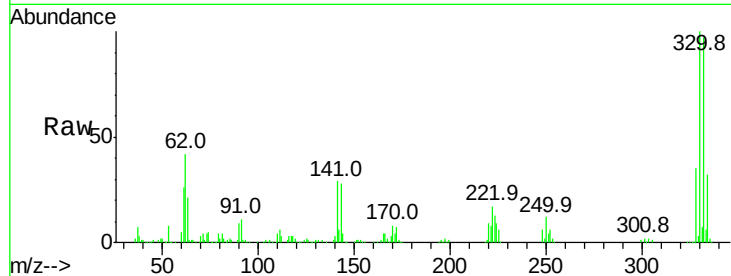
#41
 2,4,6-Tribromophenol
 Concen: 146.326 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	287415		
332	95.7	76.6	115.0	
141	35.1	31.4	47.2	

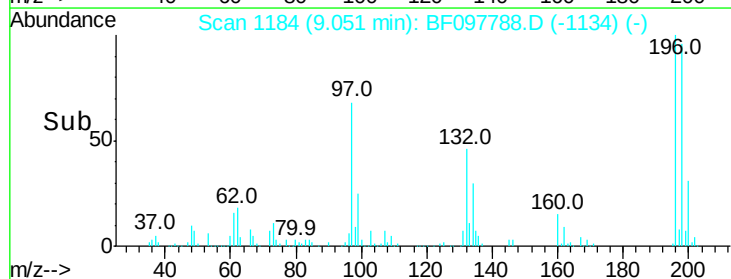
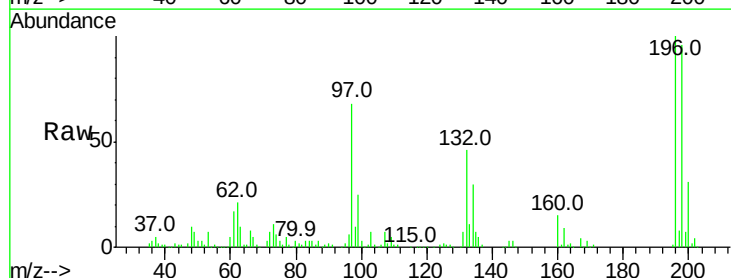
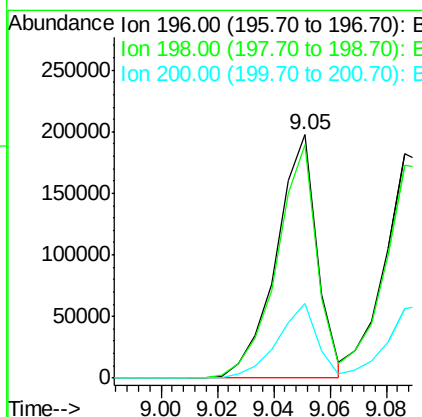
Manual Integrations
 APPROVED

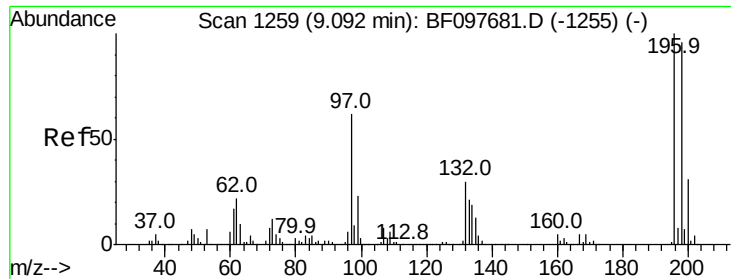
Sohil
 8/18/2017 7:03:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.712 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199224		
198	96.0	74.2	111.4	
200	30.6	24.0	36.0	





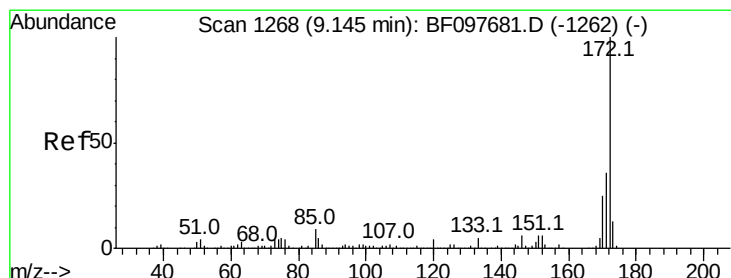
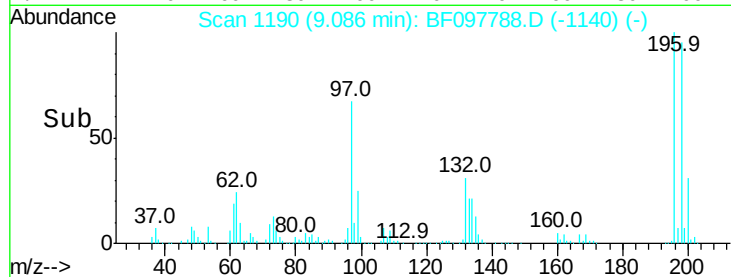
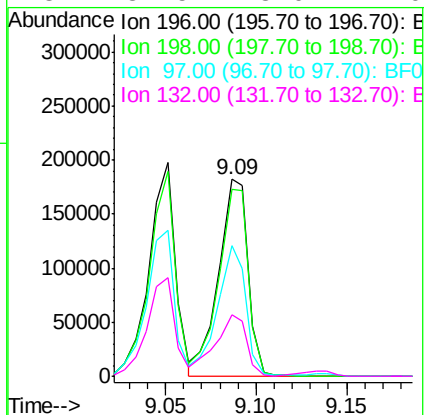
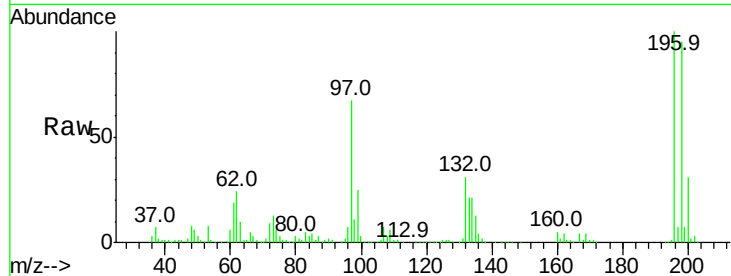
#43
 2,4,5-Trichlorophenol
 Concen: 44.666 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	196	Resp	206689
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.7	113.5
97	66.7	47.7	71.5
132	31.5	28.0	42.0

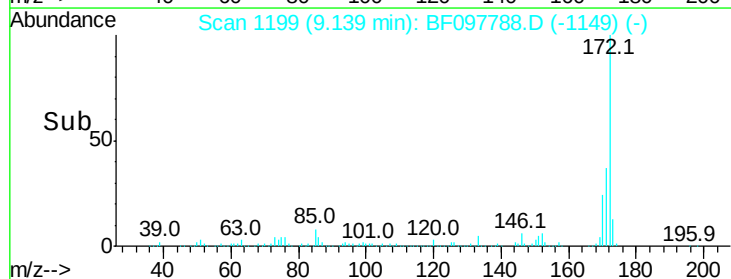
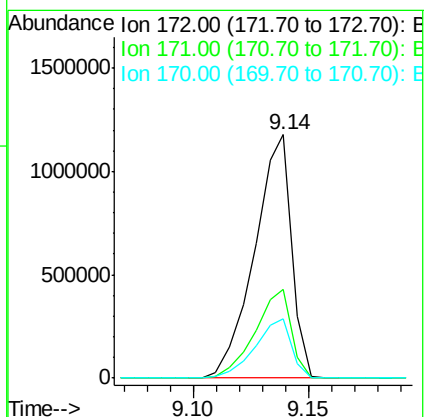
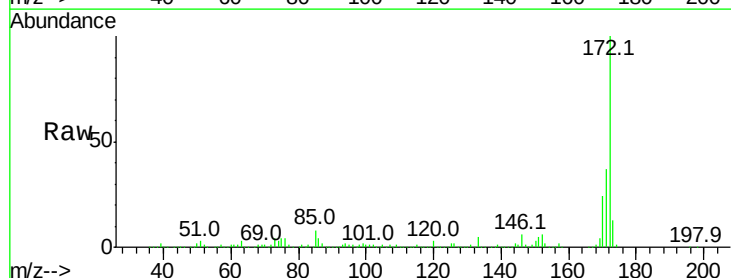
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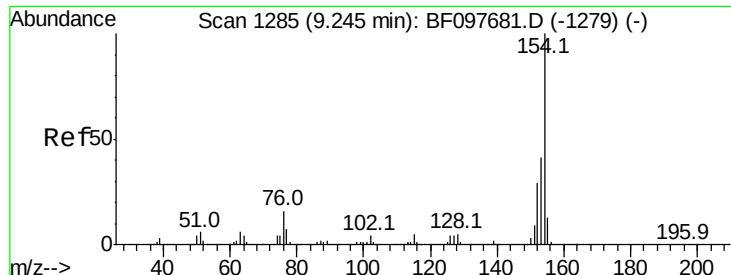
Sohil
 8/18/2017 7:03:34 PM



#44
 2-Fluorobiphenyl
 Concen: 85.385 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	172	Resp	1315640
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.178 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

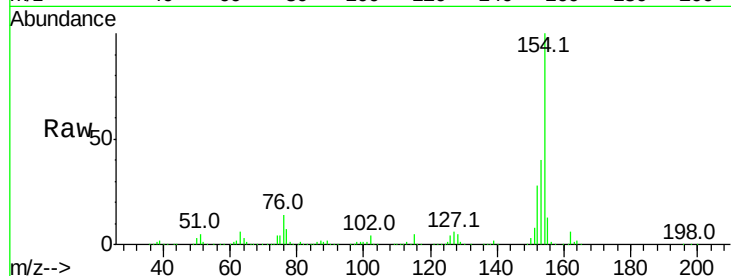
ClientSampled :

PB101563BS

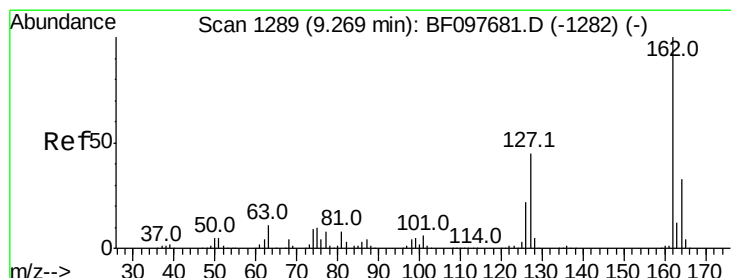
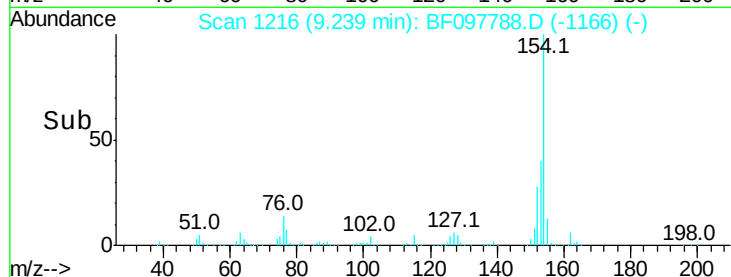
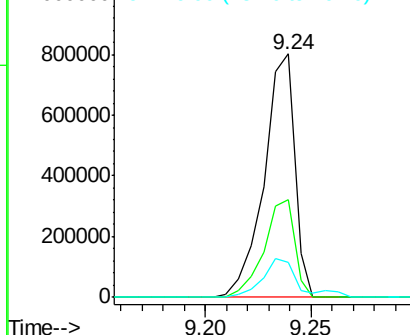
Tot Ion	154	Resp	808777
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.2	61.2
76	14.4	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.856 ng

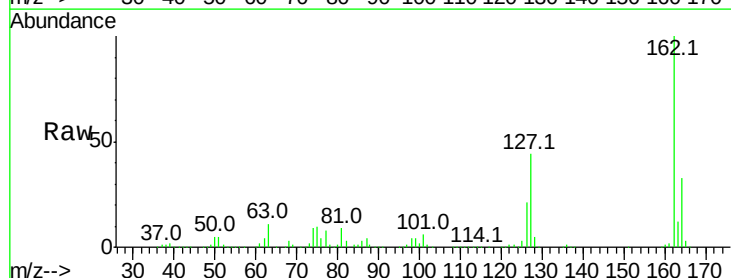
RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

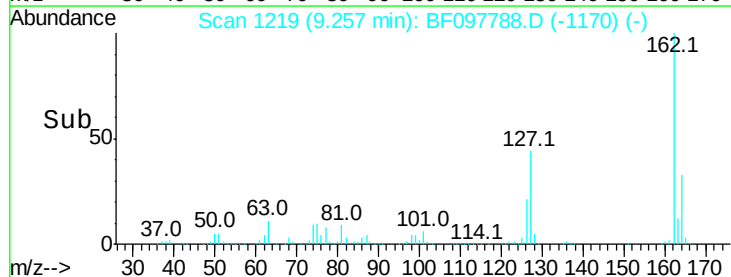
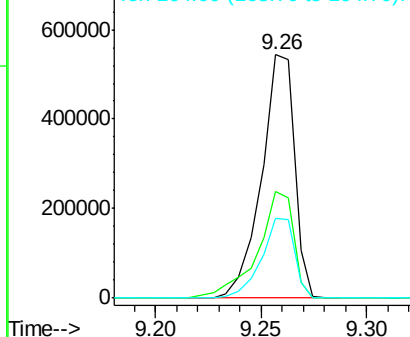
Lab File: BF097788.D

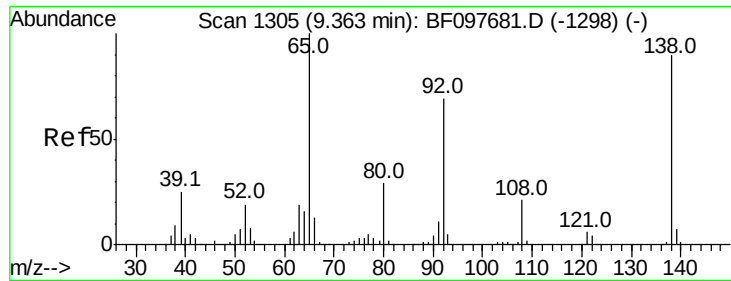
Acq: 17 Aug 2017 16:13

Tgt Ion	162	Resp	592682
Ion Ratio	Lower	Upper	
162	100		
127	44.1	28.3	42.5#
164	32.8	27.0	40.4



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





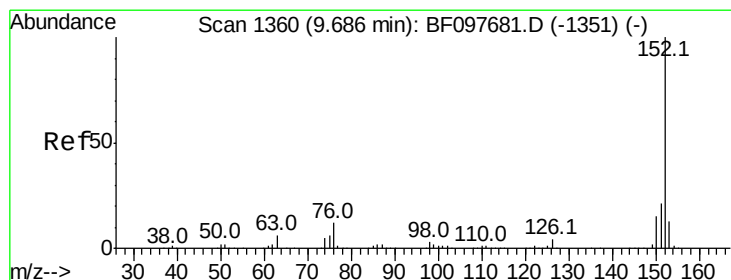
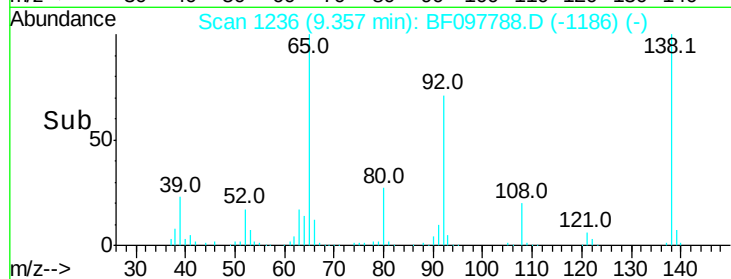
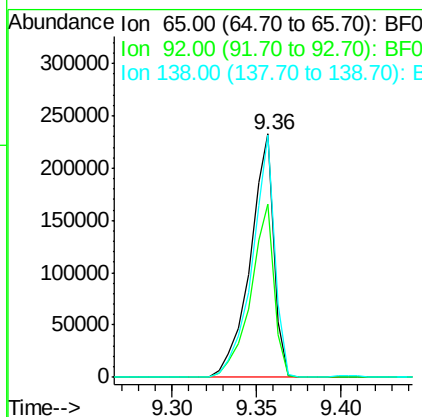
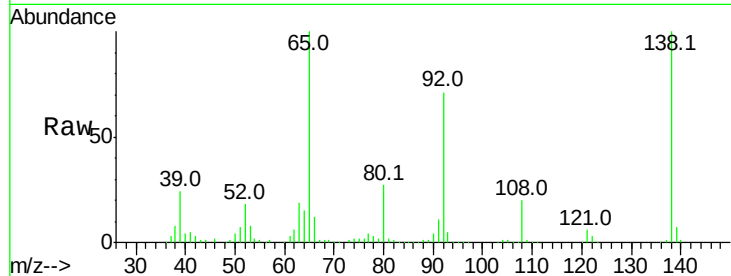
#47
2-Nitroaniline
Concen: 44.834 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.9	80.9
138	99.7	78.8	118.2

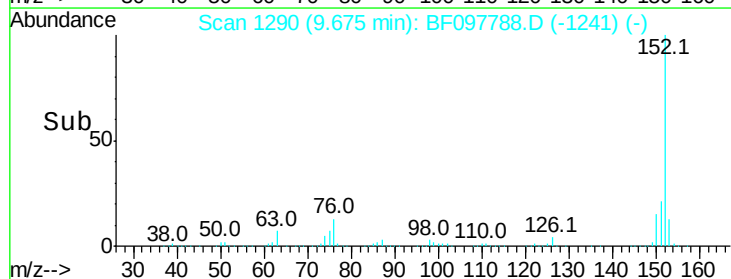
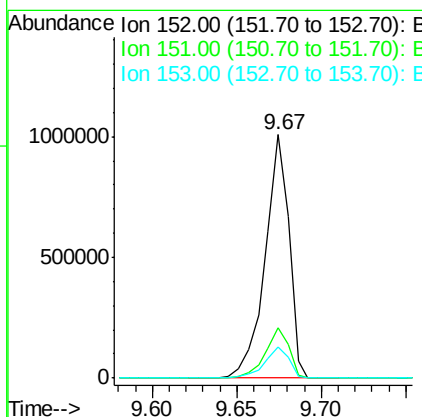
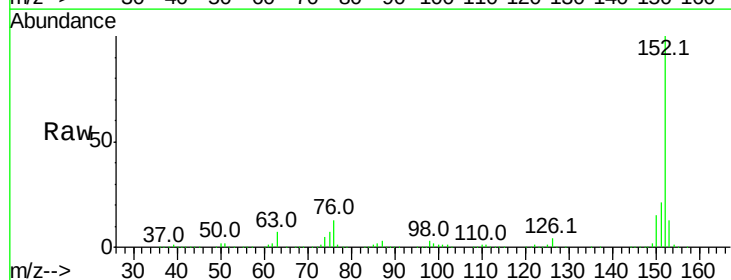
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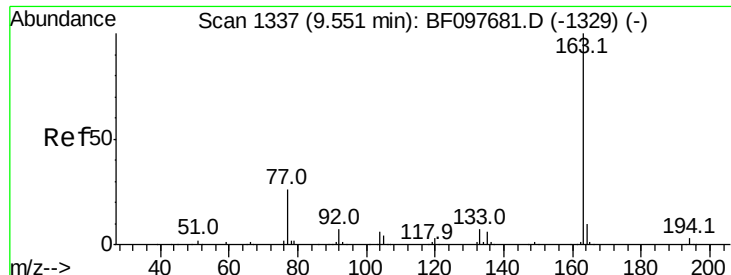
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#48
Acenaphthylene
Concen: 41.108 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	12.9	10.8	16.2





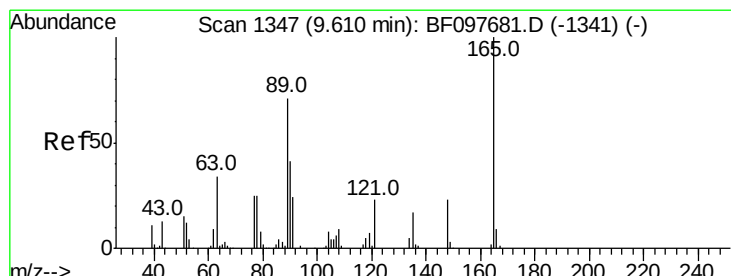
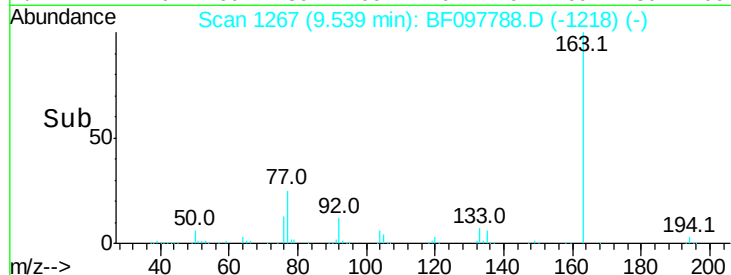
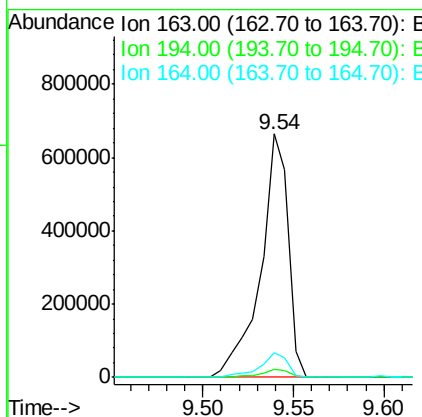
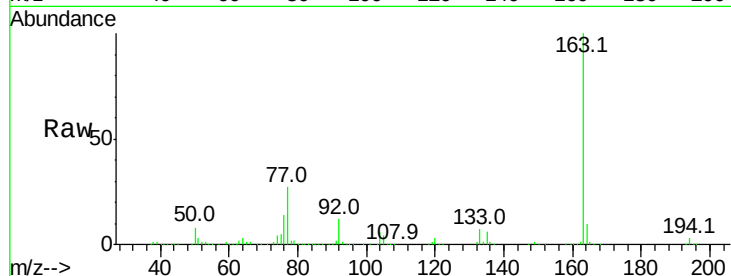
#49
Dimethylphthalate
Concen: 42.392 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	701493		
194	3.3		2.6	4.0
164	10.3		8.4	12.6

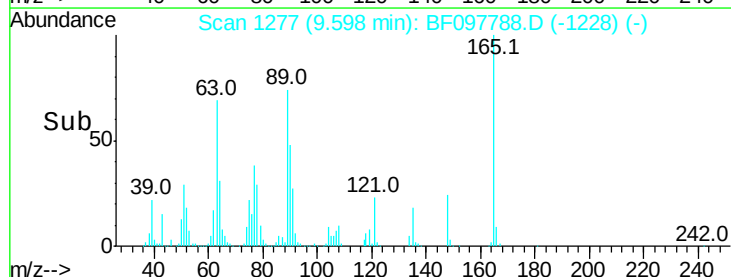
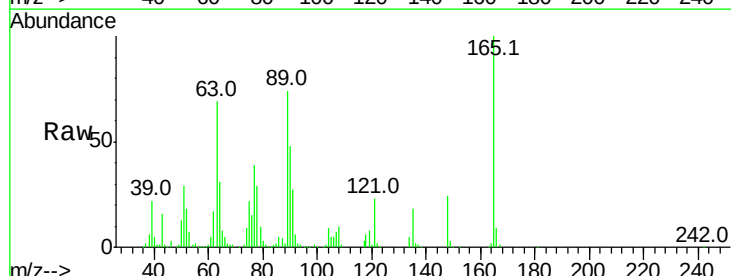
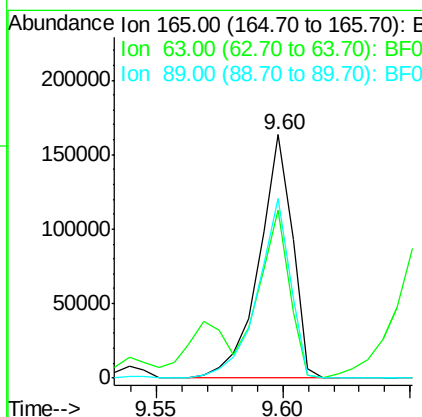
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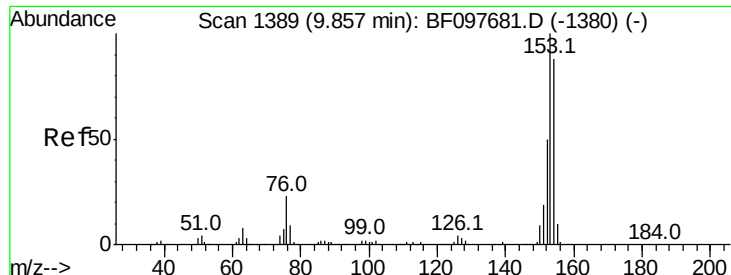
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#50
2,6-Dinitrotoluene
Concen: 45.479 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150221		
63	69.0		34.3	51.5#
89	73.6		37.1	55.7#





#51

Acenaphthene

Concen: 39.710 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

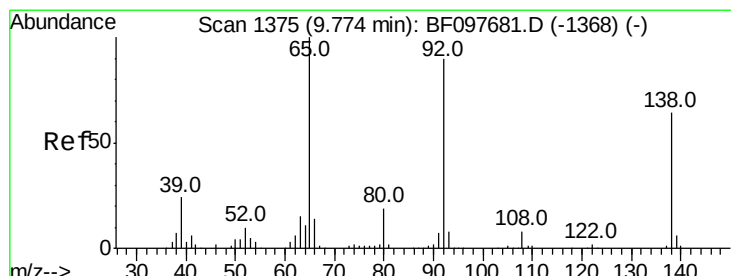
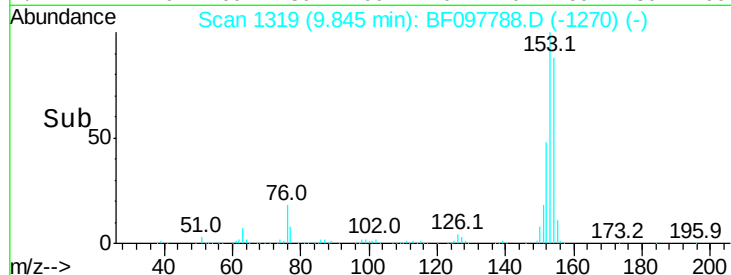
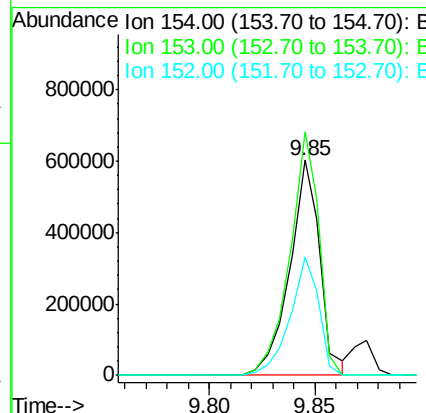
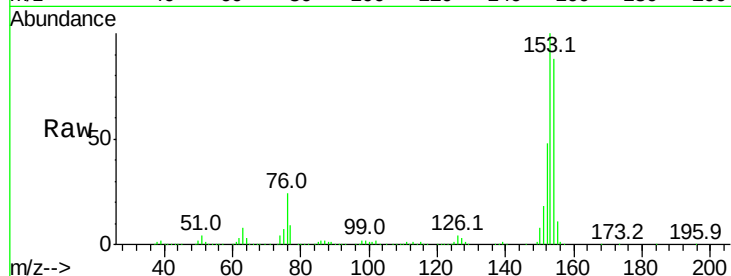
ClientSampleId :

PB101563BS

Tot Ion:	154	Resp:	599889
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.5	135.7
152	54.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.660 ng

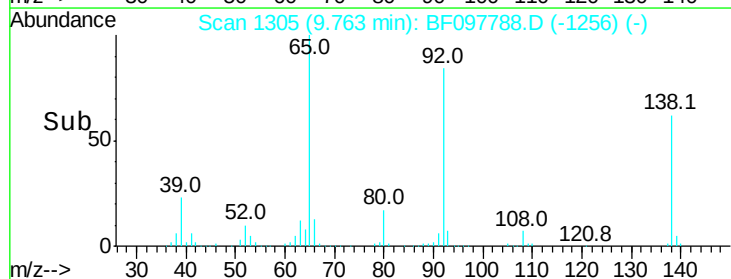
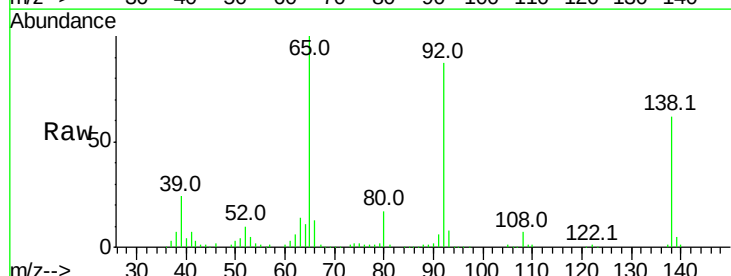
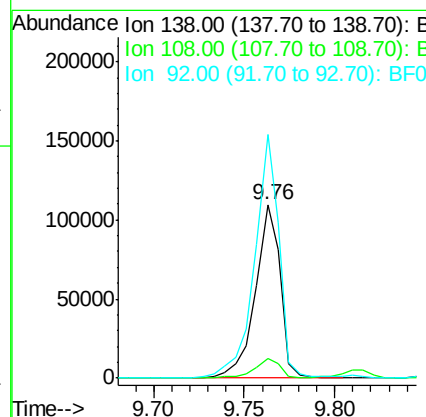
RT: 9.76 min Scan# 1305

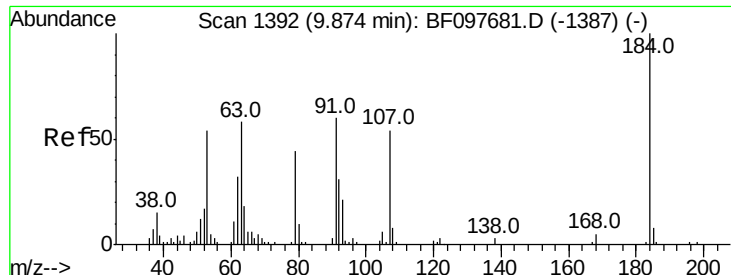
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:	138	Resp:	105093
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.1	13.7
92	140.1	93.8	140.6





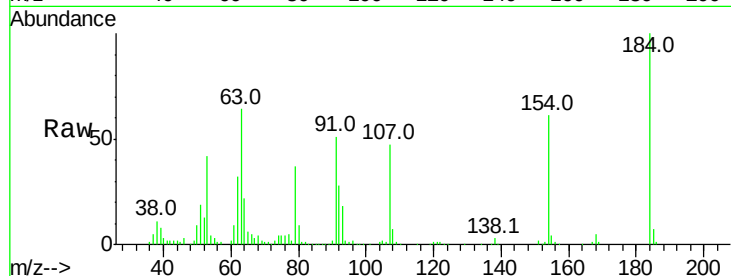
#53
 2,4-Dinitrophenol
 Concen: 92.360 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

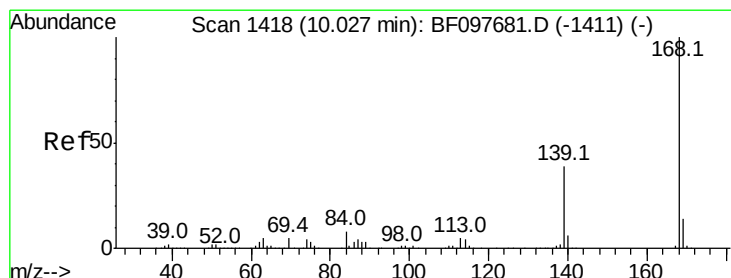
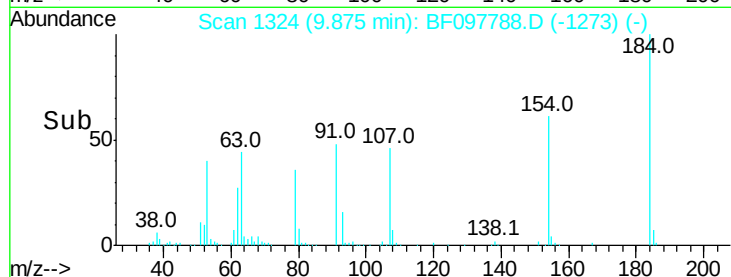
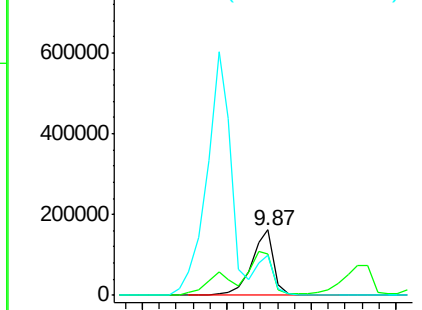
Tot Ion	Ratio	Resp	Lower	Upper
184	100	147937		
63	63.6	62.7	94.1	
154	61.1	81.1	121.7#	

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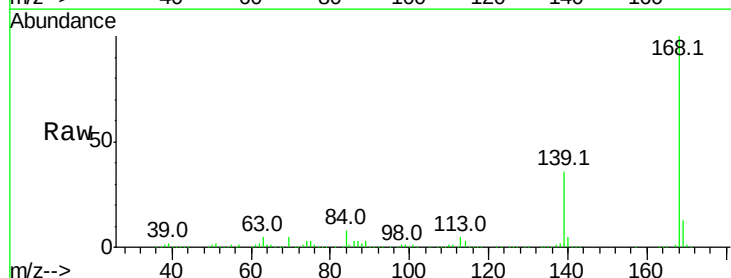


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

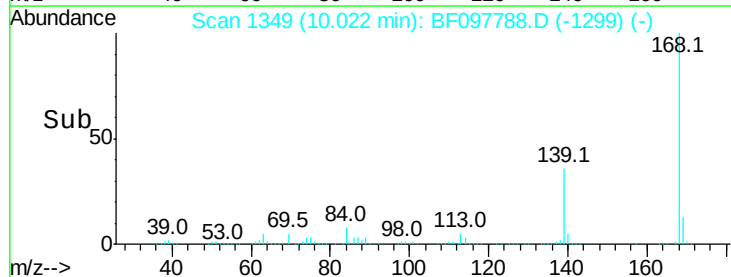
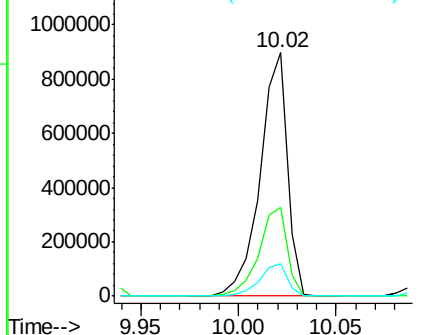


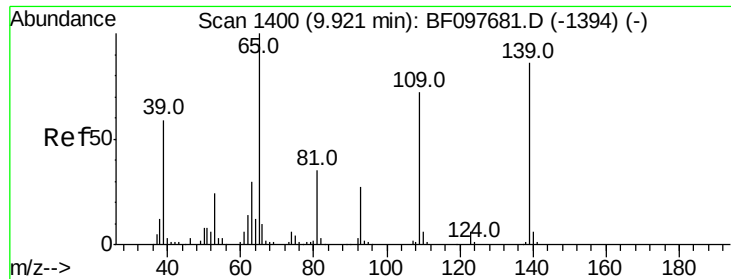
#54
 Dibenzofuran
 Concen: 43.057 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	871750		
139	36.5	30.6	45.8	
169	13.4	10.8	16.2	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





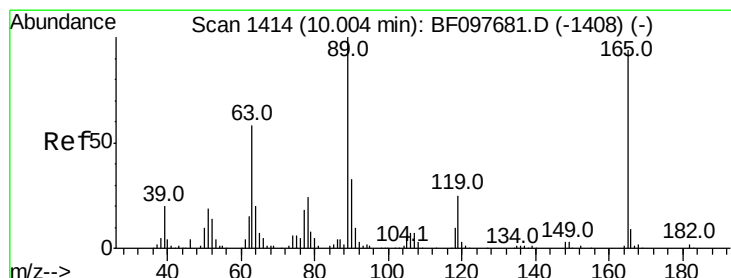
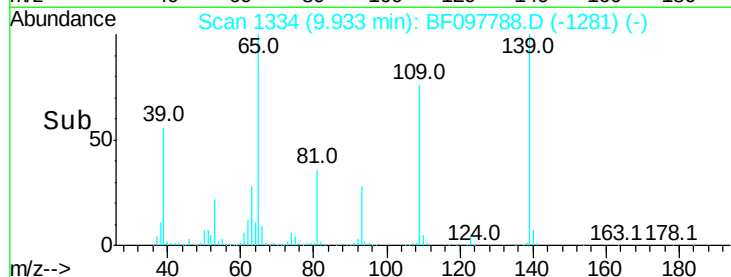
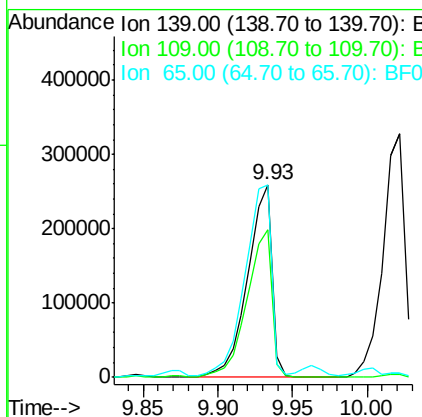
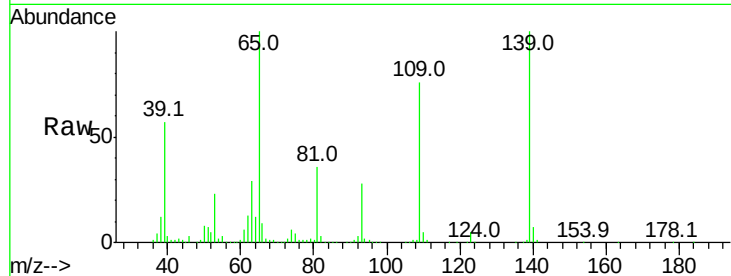
#55
4-Nitrophenol
Concen: 86.336 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.2	34.1	74.1#	
65	100.1	31.4	71.4#	

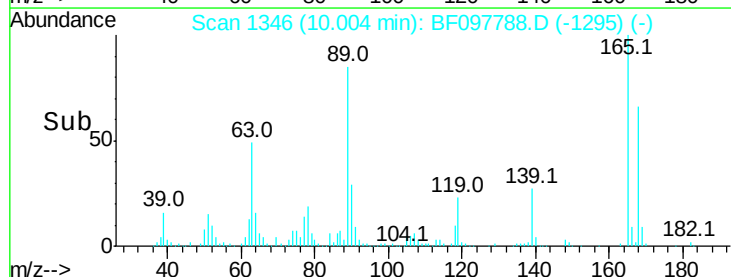
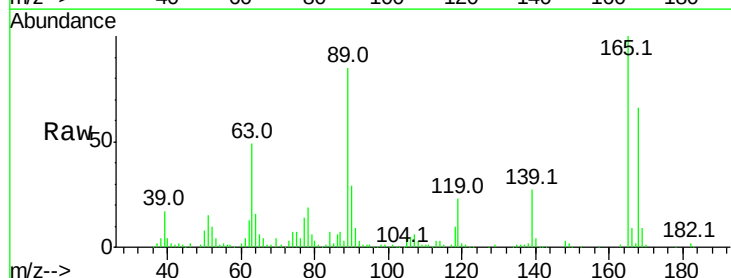
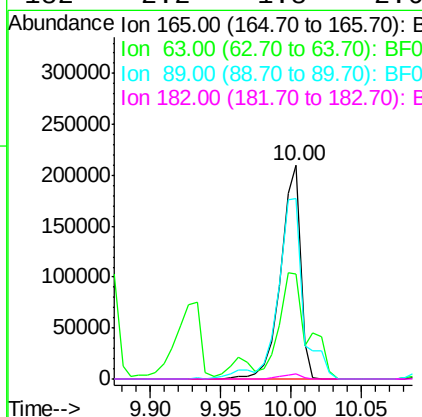
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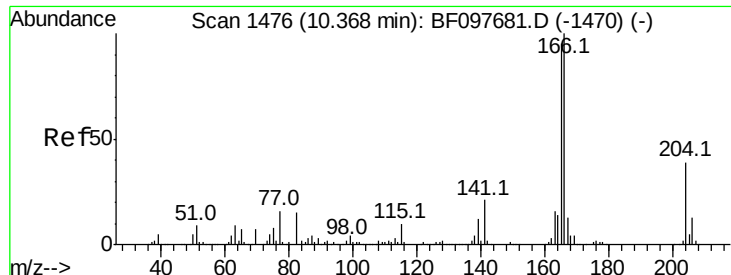
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#56
2,4-Dinitrotoluene
Concen: 49.651 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.2	25.4	38.0#	
89	84.7	46.4	69.6#	
182	2.2	1.8	2.6	





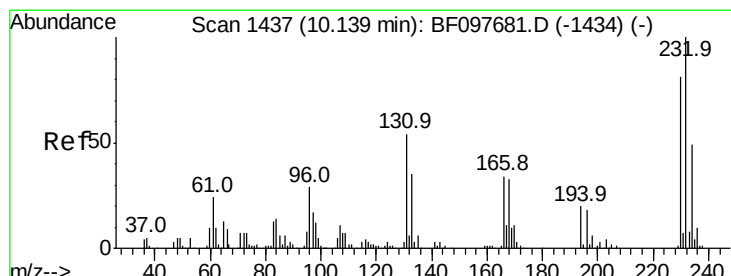
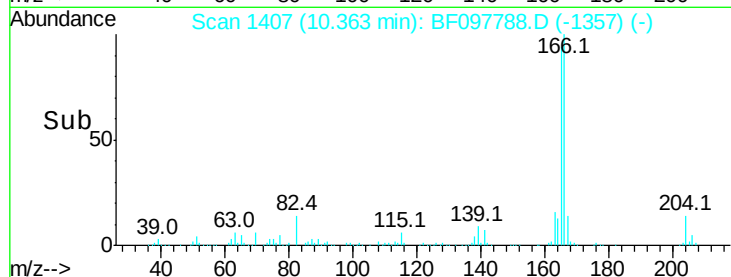
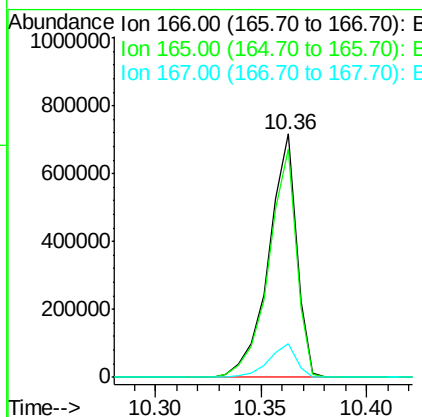
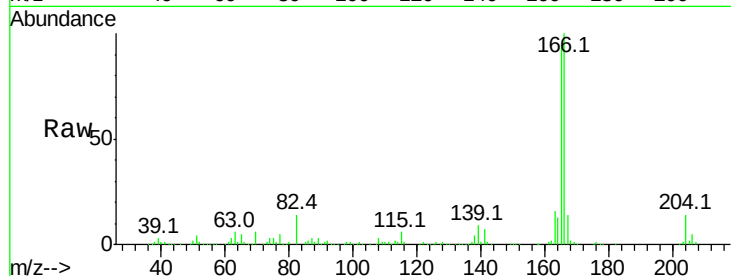
#57
Fluorene
 Concen: 41.997 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	657392		
165	93.9	78.8	118.2	
167	13.8	10.6	16.0	

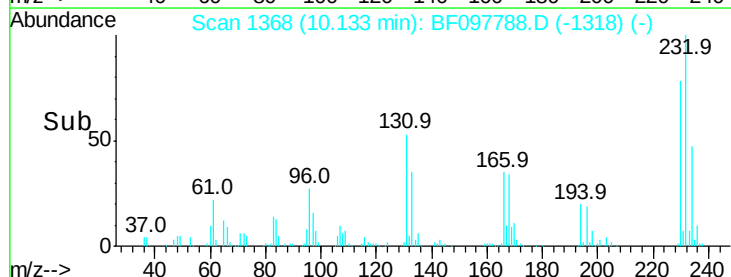
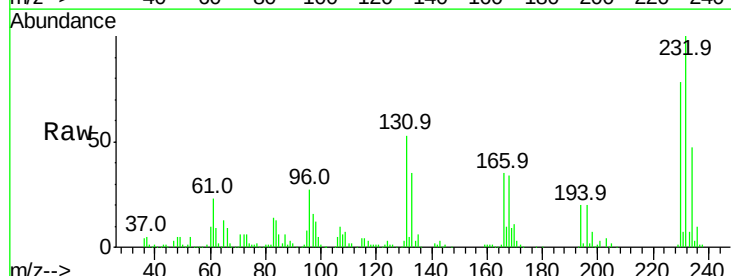
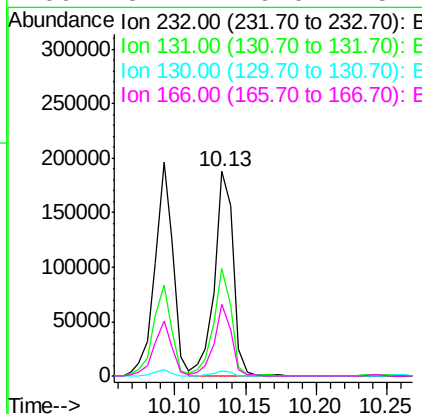
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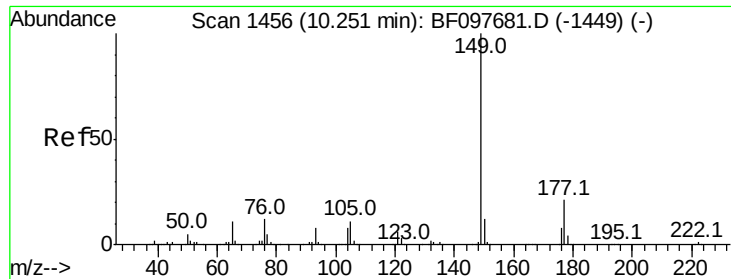
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.479 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	173686		
131	50.1	44.8	67.2	
130	2.5	2.3	3.5	
166	32.2	29.0	43.4	





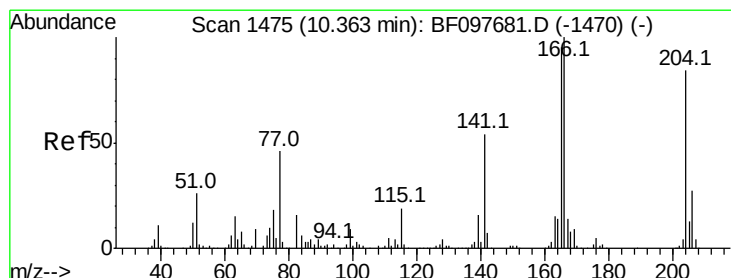
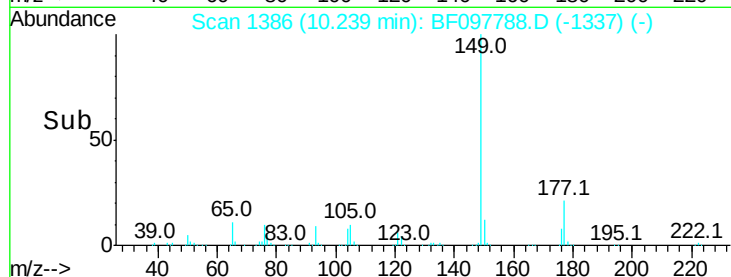
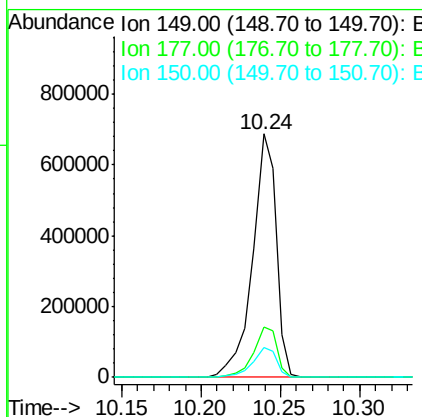
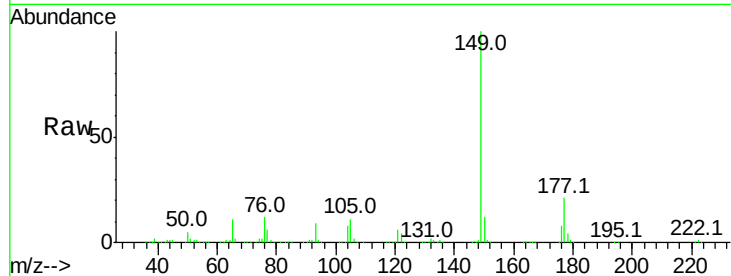
#59
Diethylphthalate
Concen: 41.235 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	713549		
177	20.8	16.7	25.1	
150	12.3	10.2	15.2	

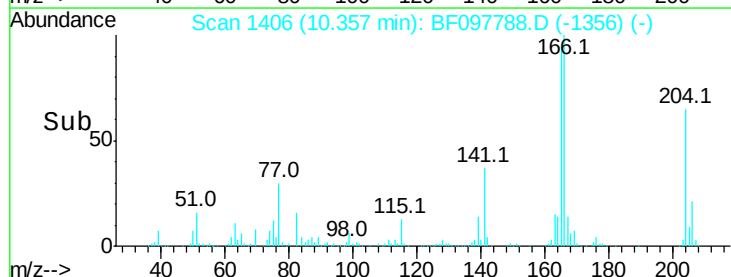
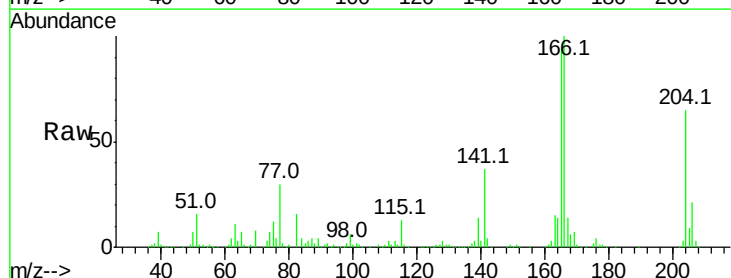
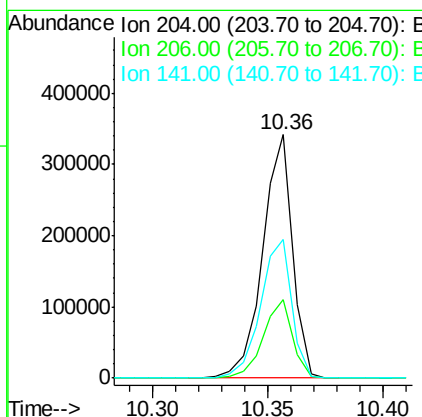
Manual Integrations
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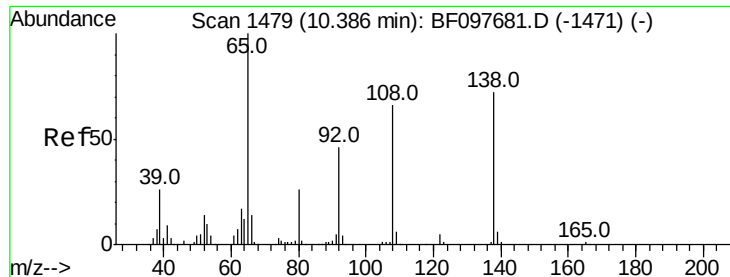
Sohil
8/18/2017 7:03:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.087 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	306059		
206	32.5	26.2	39.2	
141	57.1	60.8	91.2#	





#61

4-Nitroaniline

Concen: 42.472 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

ClientSampleId :

PB101563BS

Tot Ion:138 Resp: 172027

Ion Ratio Lower Upper

138 100

92 58.5 21.8 61.8

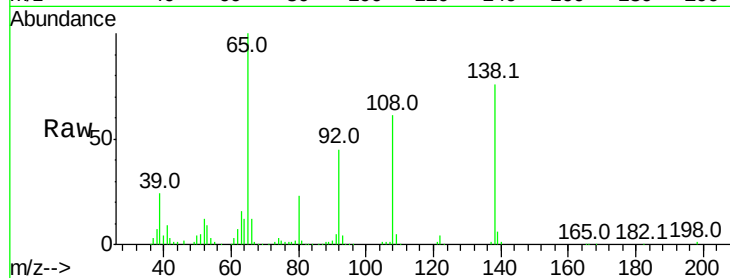
108 80.4 42.3 82.3

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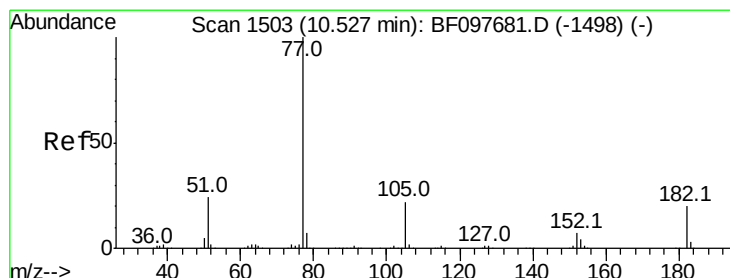
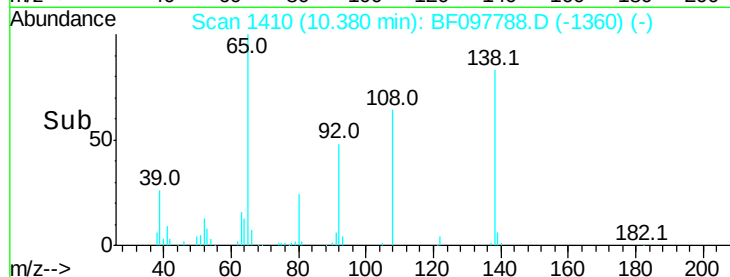
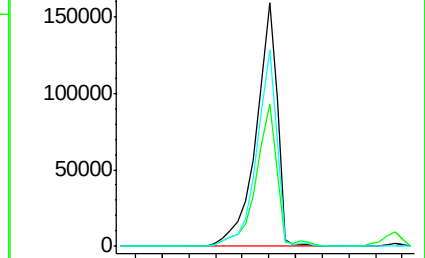


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.38



#62

Azobenzene

Concen: 42.327 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion: 77 Resp: 870034

Ion Ratio Lower Upper

77 100

182 19.0 0.1 40.1

105 21.7 3.6 43.6

51 22.7 9.4 49.4

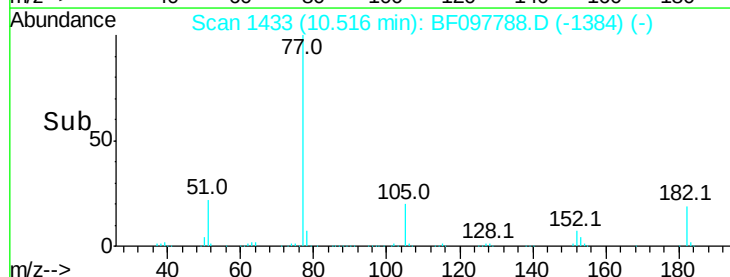
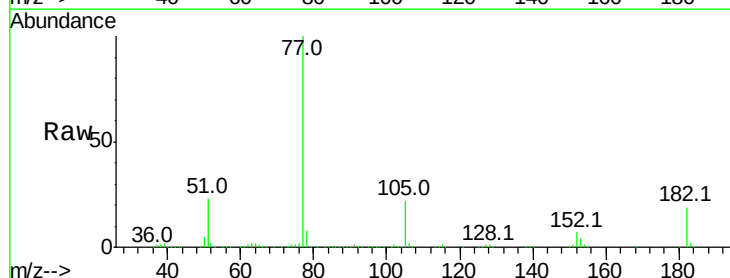
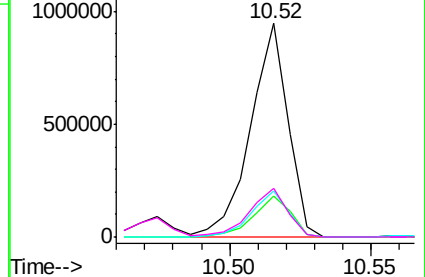
Abundance Ion 77.00 (76.70 to 77.70): BF0

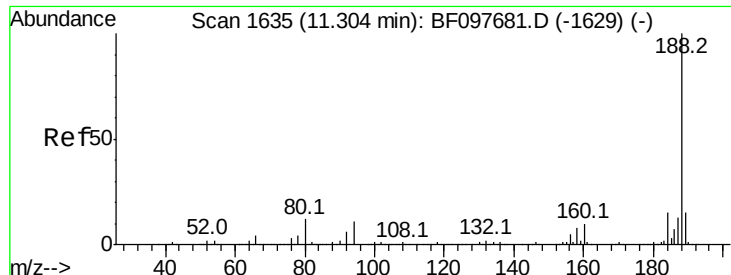
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

10.52





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

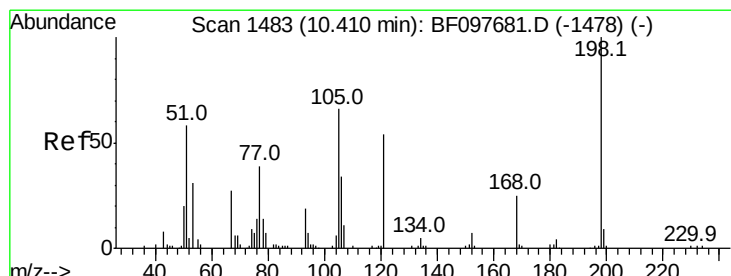
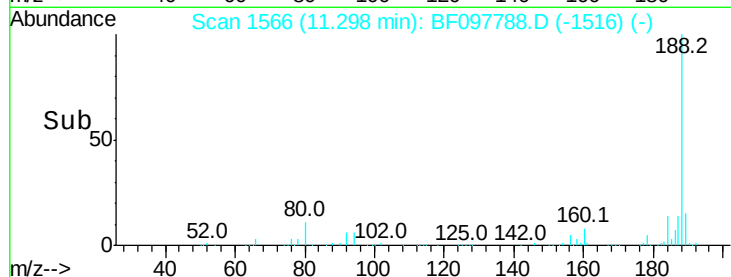
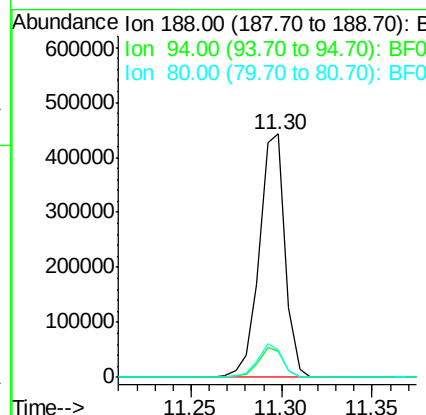
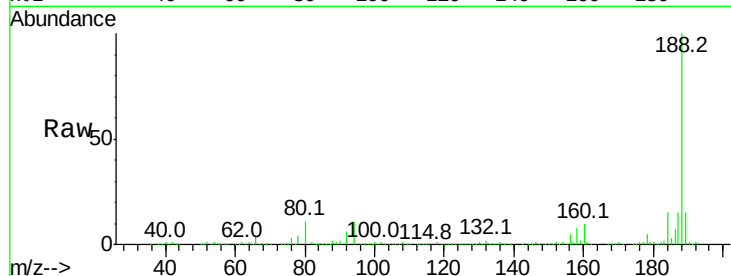
ClientSampleId :

PB101563BS

Tot Ion:	188	Resp:	437847
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 47.614 ng

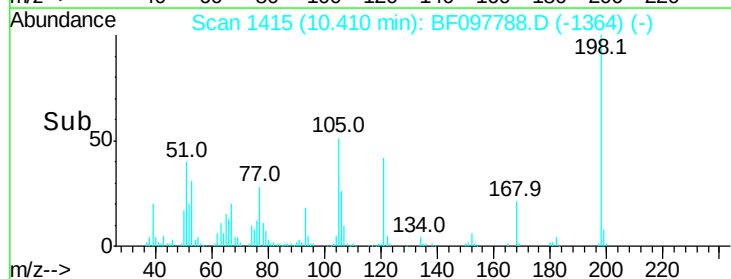
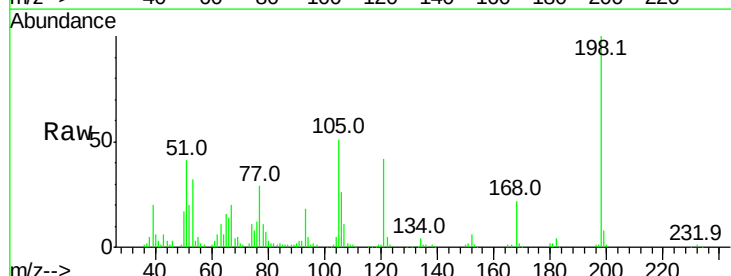
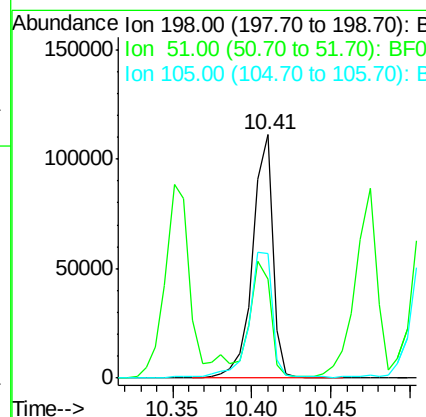
RT: 10.41 min Scan# 1415

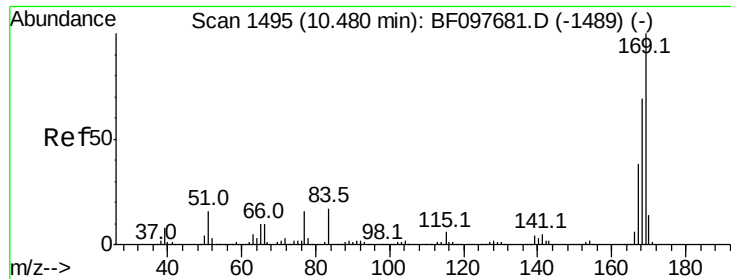
Delta R.T. 0.00 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion:	198	Resp:	98073
Ion Ratio	Lower	Upper	
198	100		
51	40.6	53.2	93.2#
105	50.9	45.8	85.8





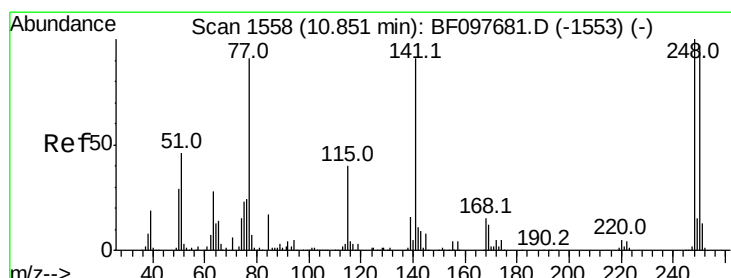
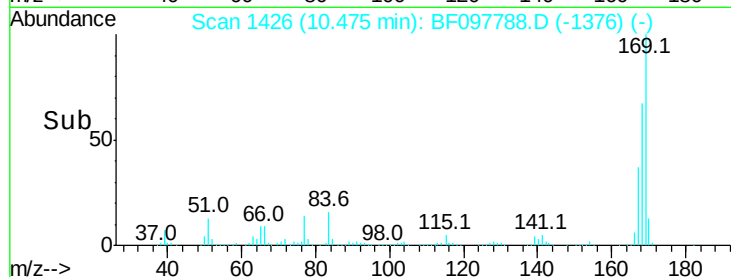
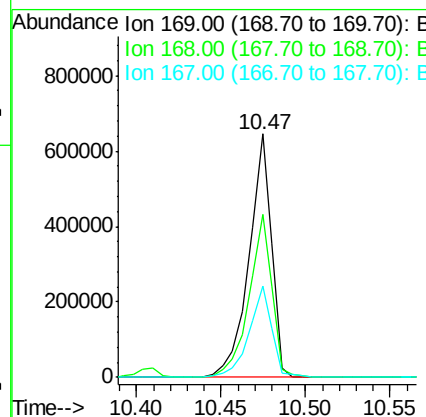
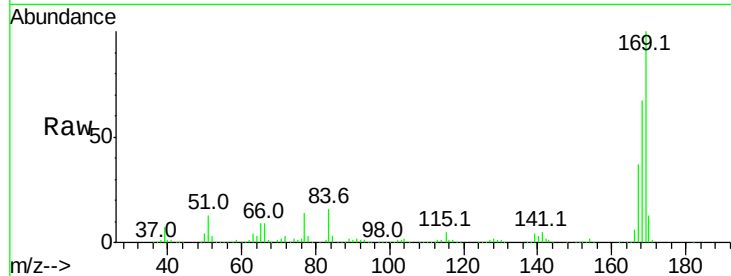
#65
n-Nitrosodiphenylamine
Concen: 40.483 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	603608		
168	67.1	53.2	79.8	
167	37.4	29.5	44.3	

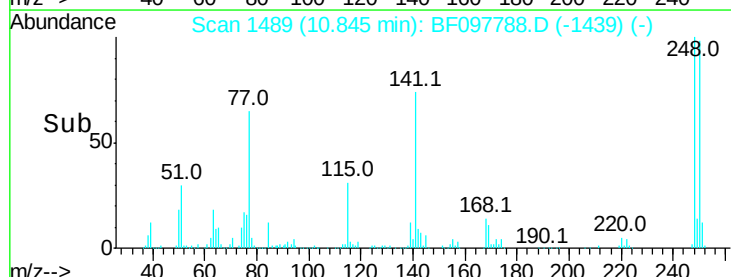
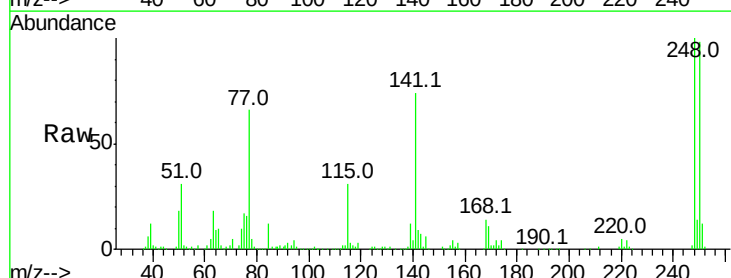
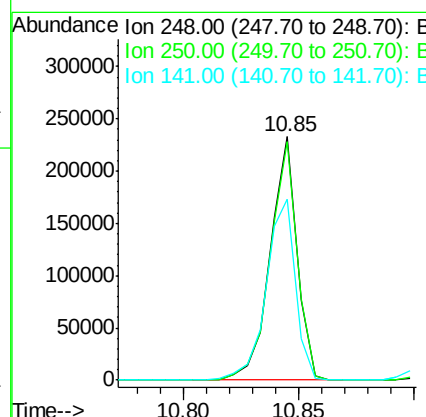
Manual Integrations
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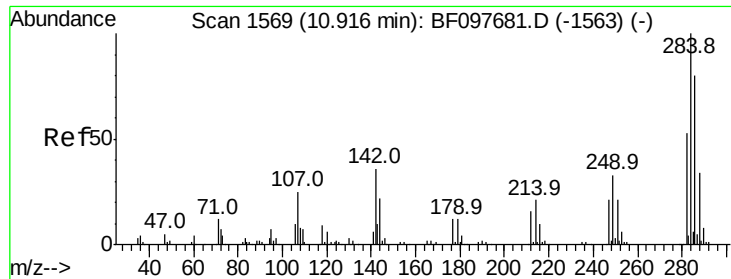
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#66
4-Bromophenyl-phenylether
Concen: 41.604 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189163		
250	97.7	76.8	115.2	
141	74.4	68.6	103.0	





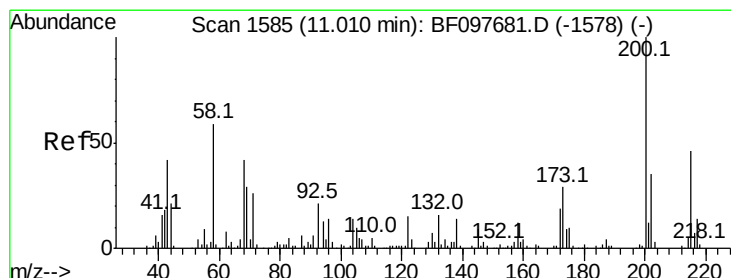
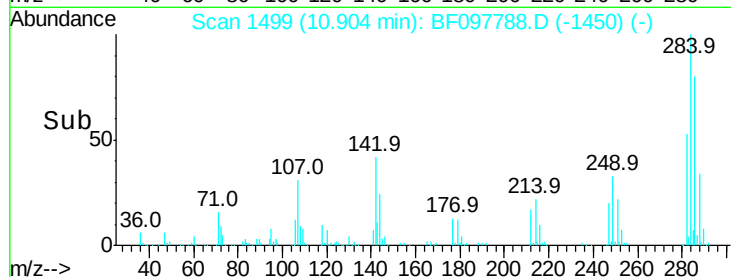
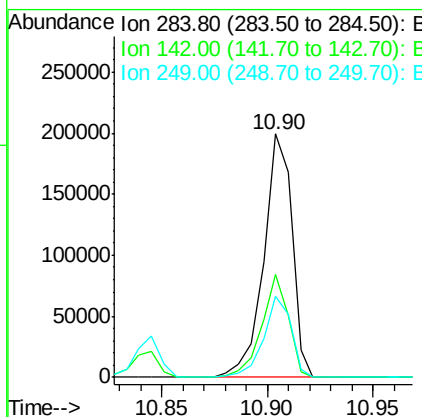
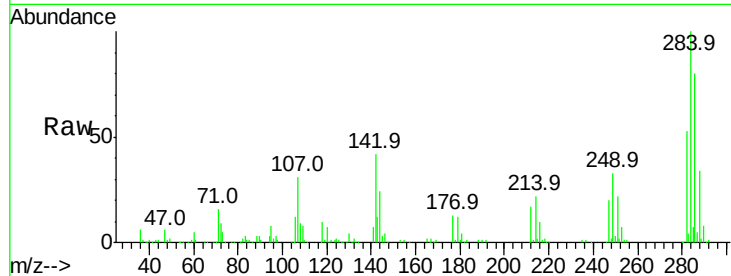
#67
Hexachlorobenzene
Concen: 40.278 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampled :
PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	186663		
142	42.0	22.8	34.2#	
249	33.5	24.0	36.0	

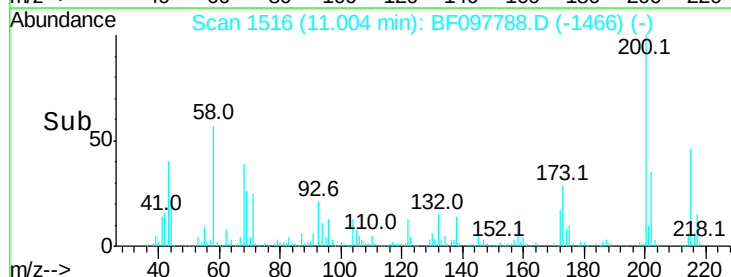
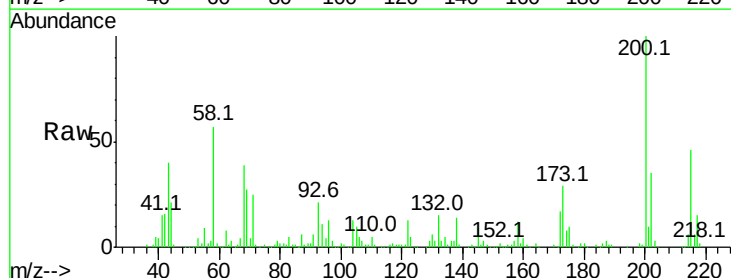
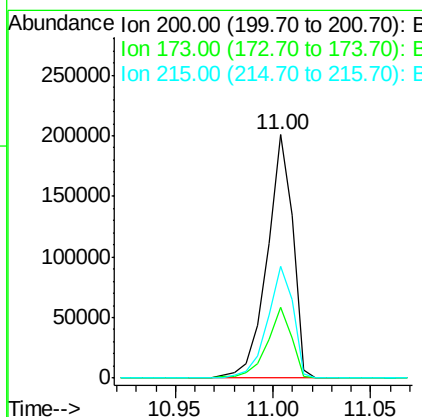
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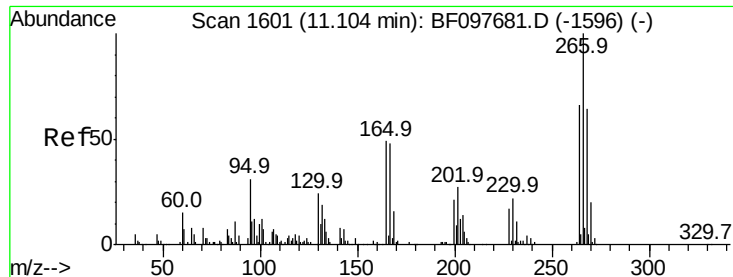
Sohil
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#68
Atrazine
Concen: 46.051 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	182092		
173	29.0	6.3	46.3	
215	46.0	27.2	67.2	





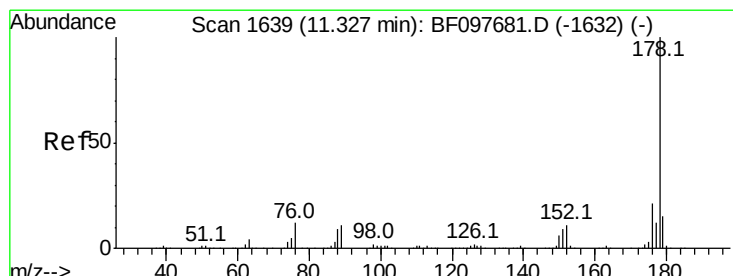
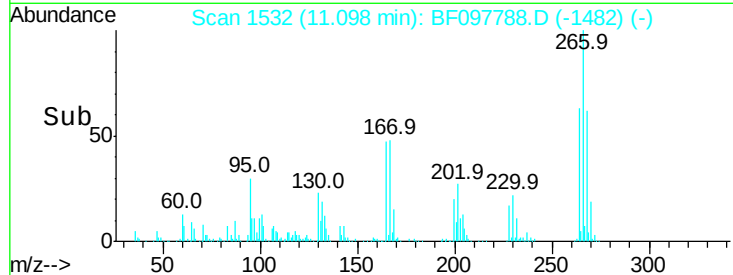
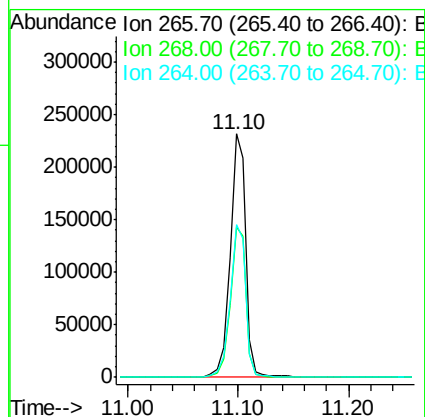
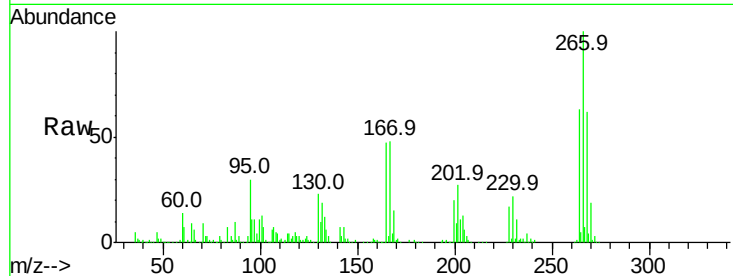
#69
 Pentachlorophenol
 Concen: 84.398 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion:	266	Resp:	228052
Ion Ratio	Lower	Upper	
266	100		
268	61.9	51.1	76.7
264	62.8	51.7	77.5

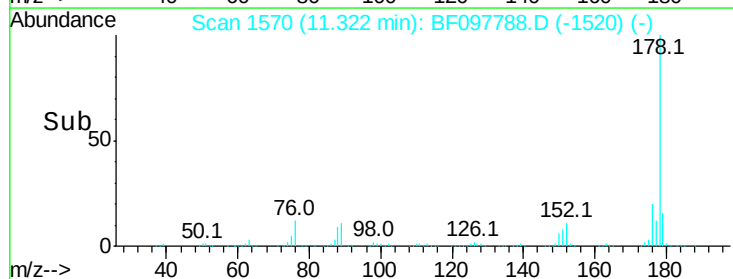
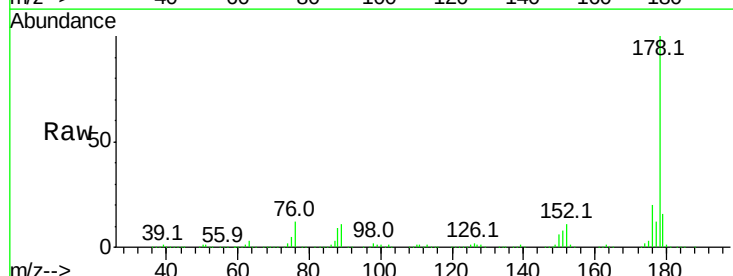
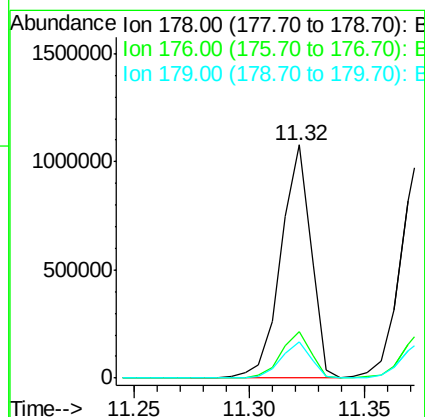
Manual Integrations
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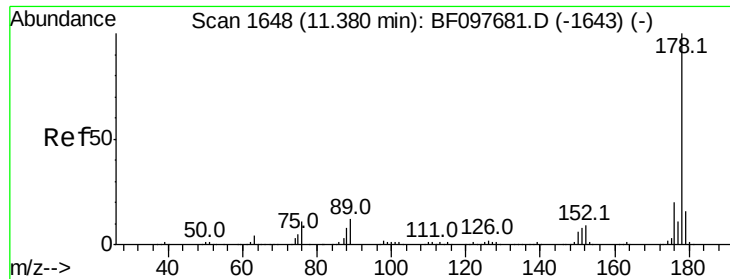
Sohil
 8/18/2017 7:03:34 PM



#70
 Phenanthrene
 Concen: 41.475 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:	178	Resp:	967668
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.2	24.4
179	15.5	12.6	19.0





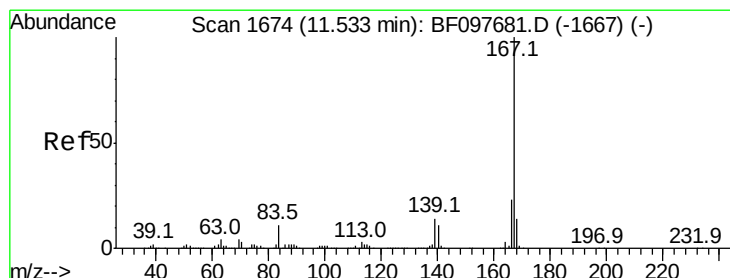
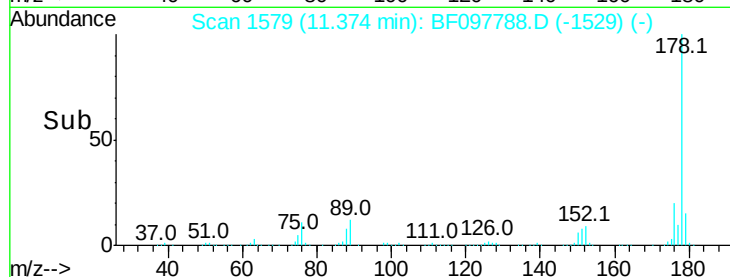
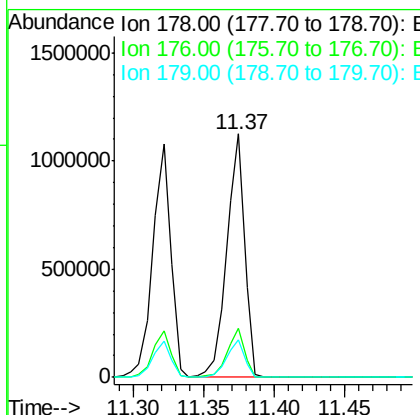
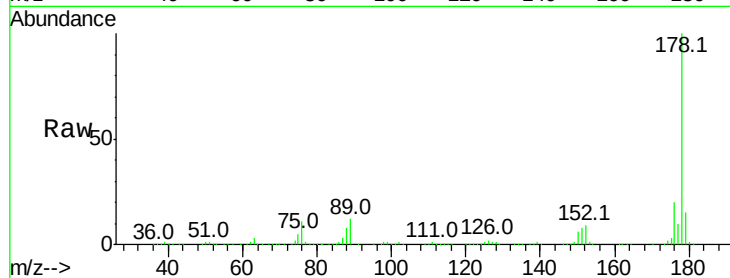
#71
 Anthracene
 Concen: 41.962 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampled :
 PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	993010		
176	19.9	15.8	23.8	
179	15.4	12.7	19.1	

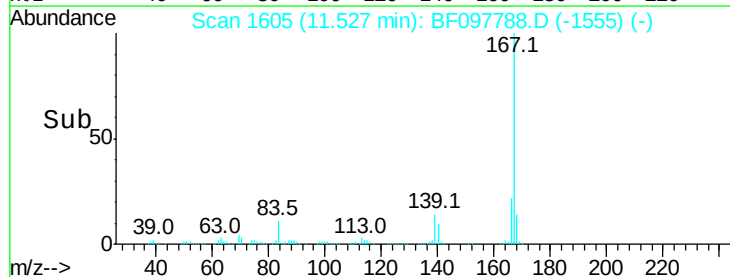
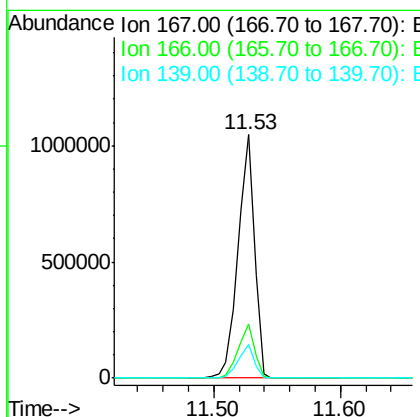
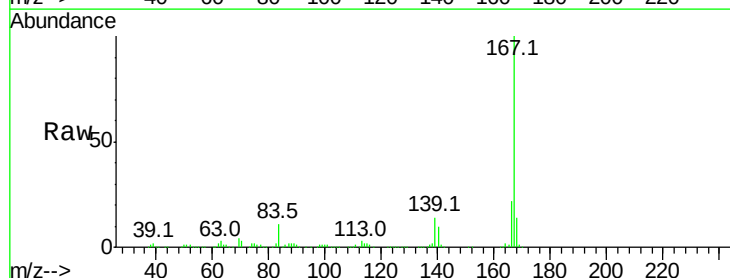
Manual Integrations
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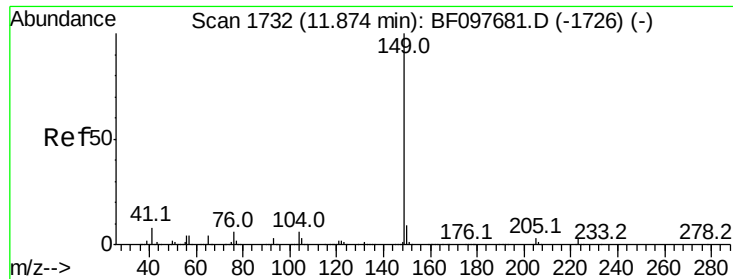
Sohil
 8/18/2017 7:03:34 PM



#72
 Carbazole
 Concen: 41.323 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	928231		
166	22.3	18.1	27.1	
139	13.6	11.7	17.5	





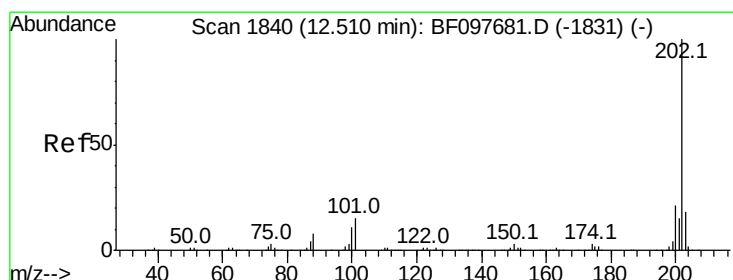
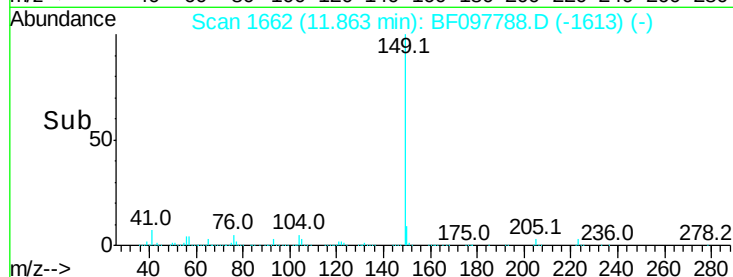
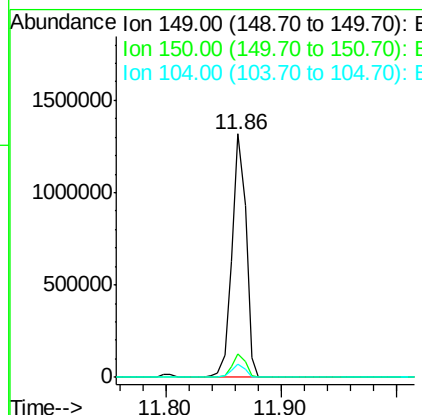
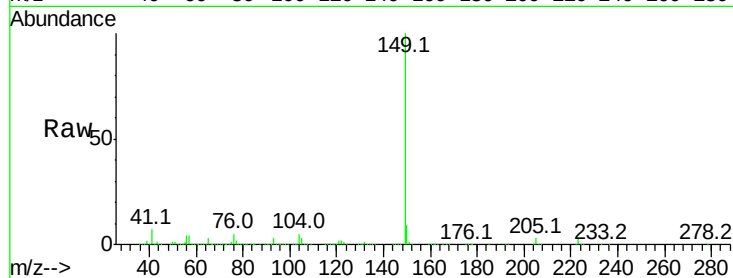
#73
Di-n-butylphthalate
Concen: 42.923 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion:149 Resp: 1110580
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.4 4.0 6.0

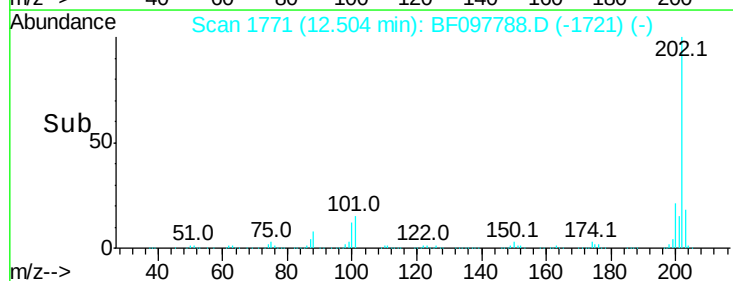
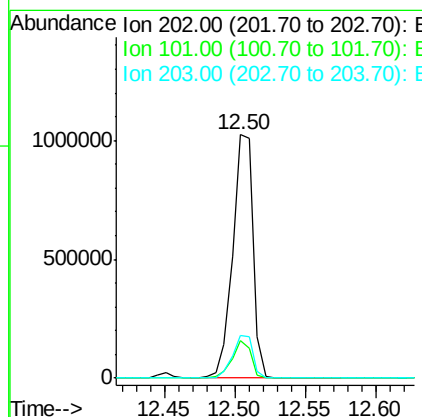
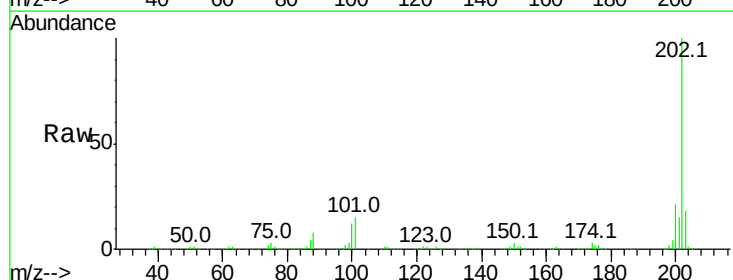
Manual Integrations
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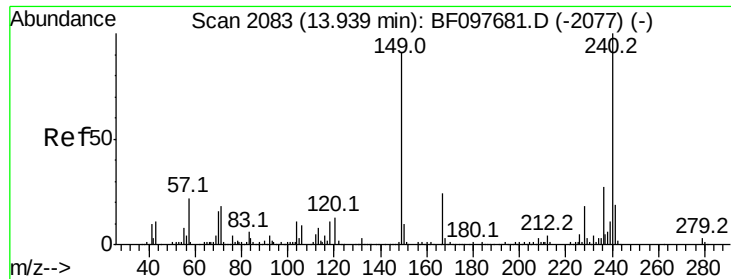
Sohil
8/18/2017 7:03:34 PM



#74
Fluoranthene
Concen: 42.064 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion:202 Resp: 1024372
Ion Ratio Lower Upper
202 100
101 15.3 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

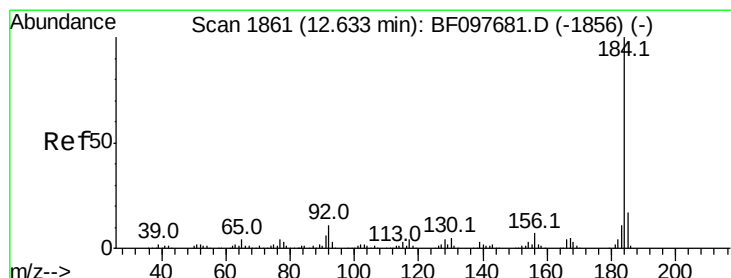
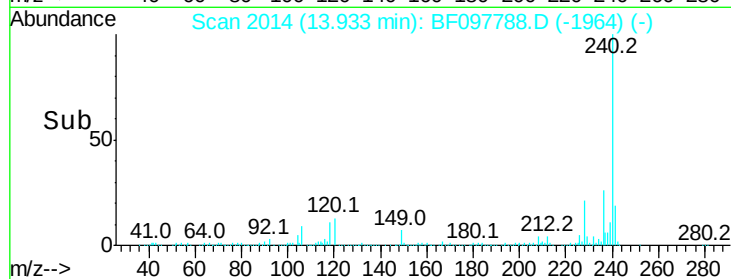
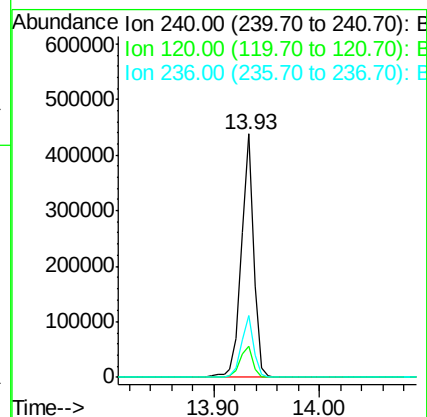
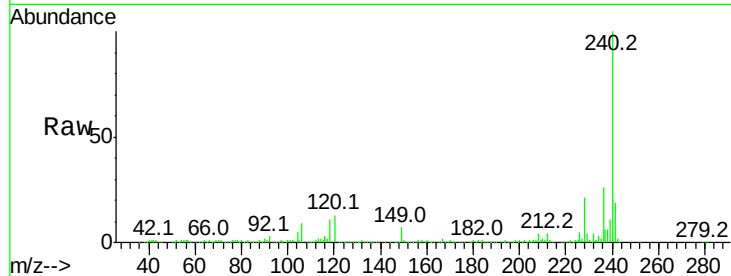
ClientSampleId :

PB101563BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	25.6	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 23.008 ng

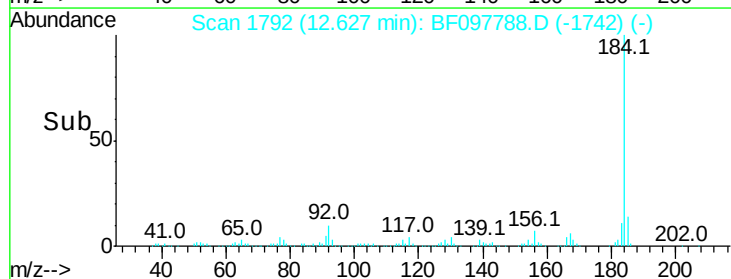
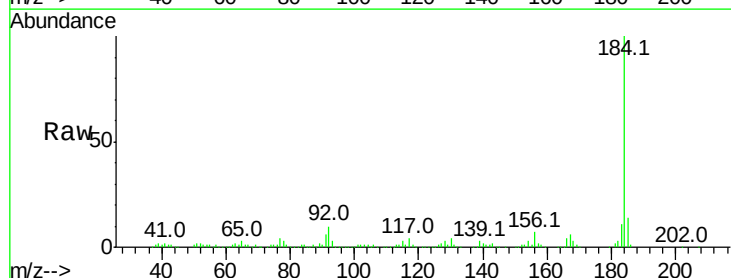
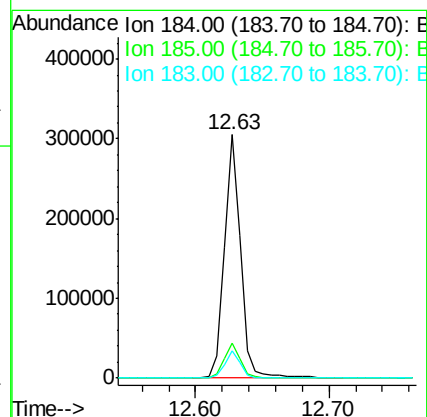
RT: 12.63 min Scan# 1792

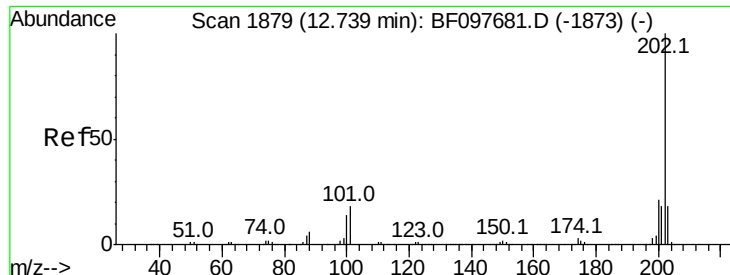
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

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





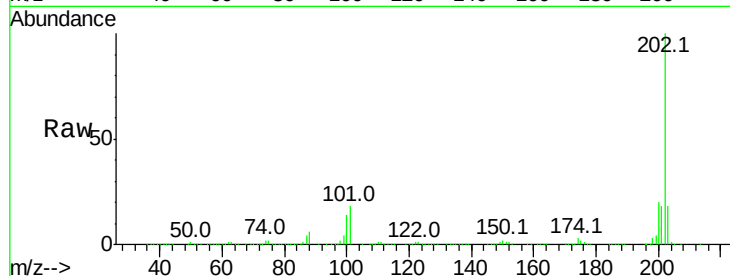
#77
Pvrene
Concen: 37.369 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

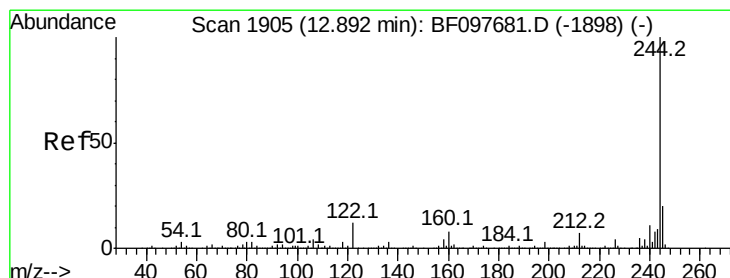
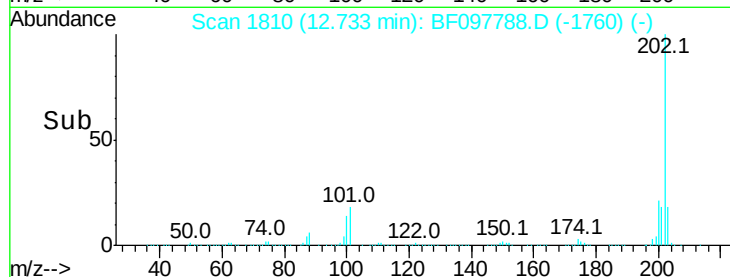
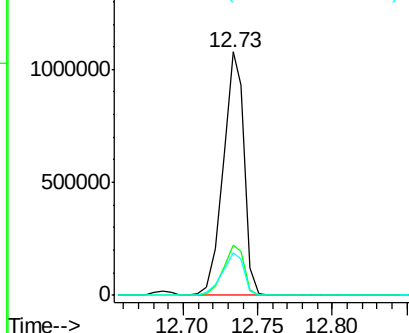
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.6	14.4	21.6

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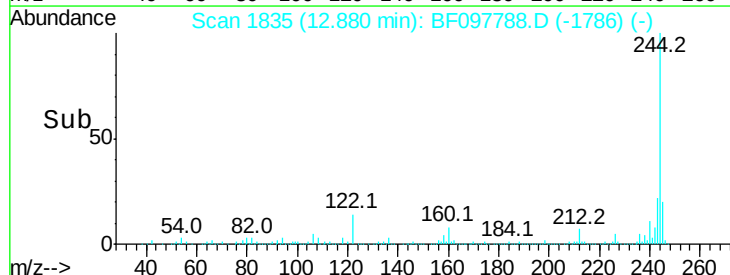
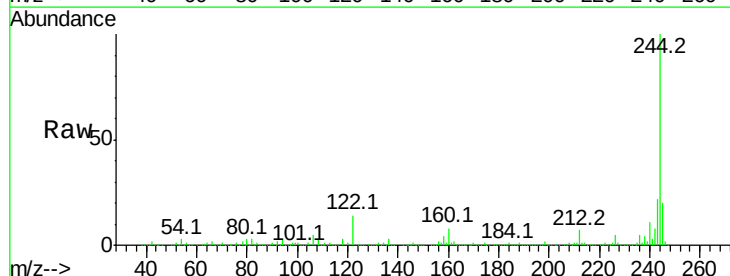
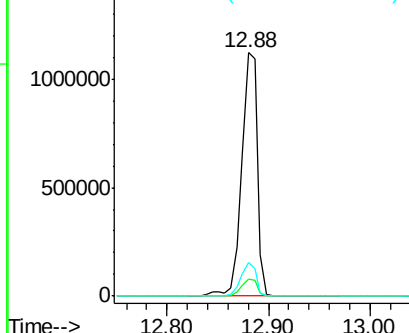
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

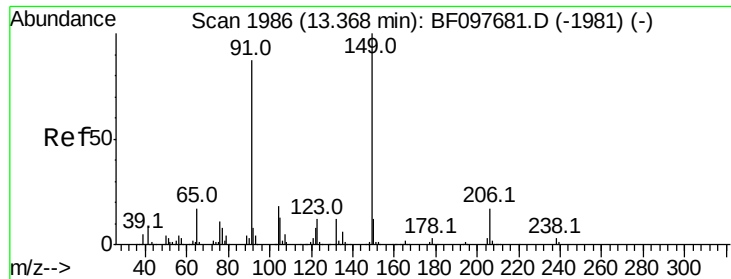


#78
Terphenyl-d14
Concen: 71.676 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.6	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





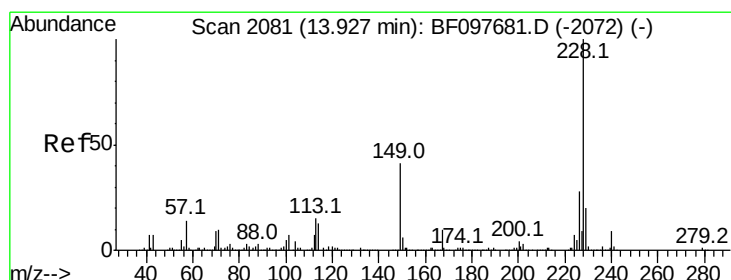
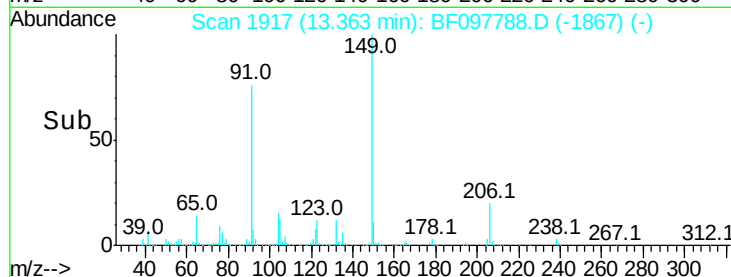
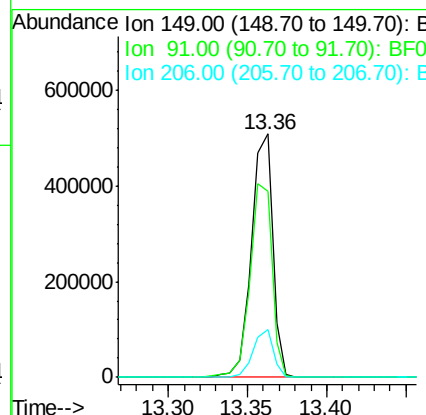
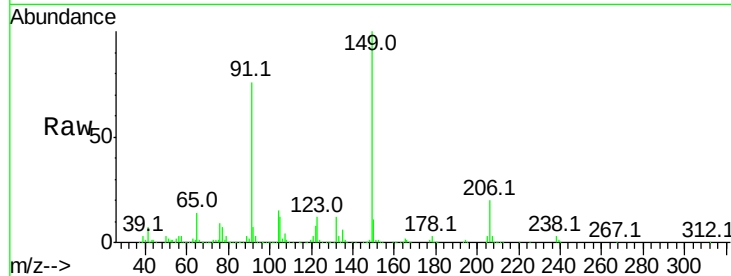
#79
Butylbenzylphthalate
Concen: 43.354 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	45.0	67.4#
206	19.8	17.0	25.6

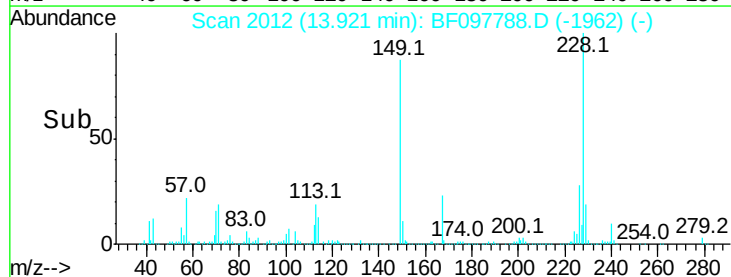
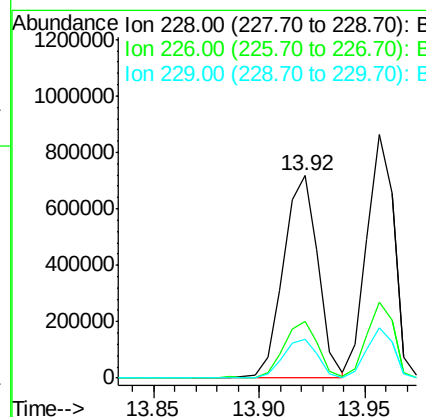
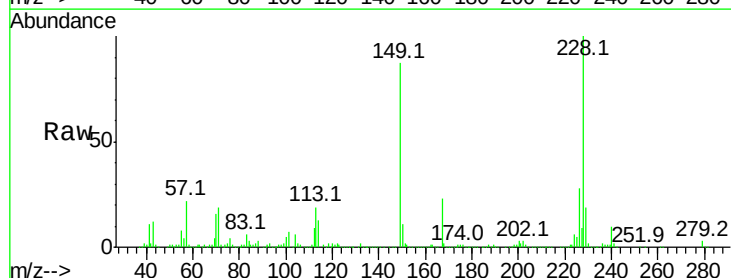
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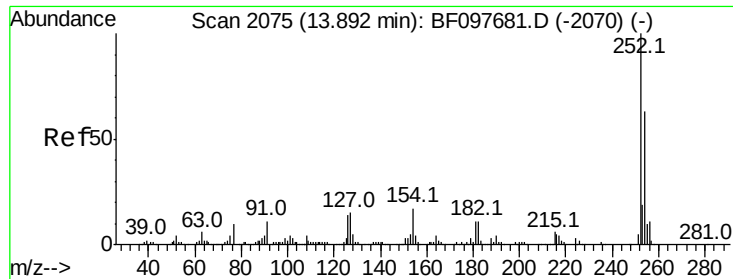
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#80
Benzo(a)anthracene
Concen: 39.304 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.4	16.3	24.5





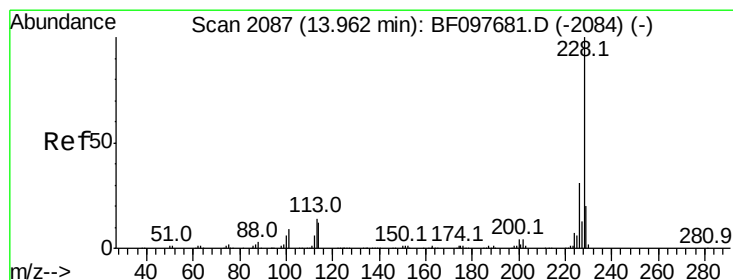
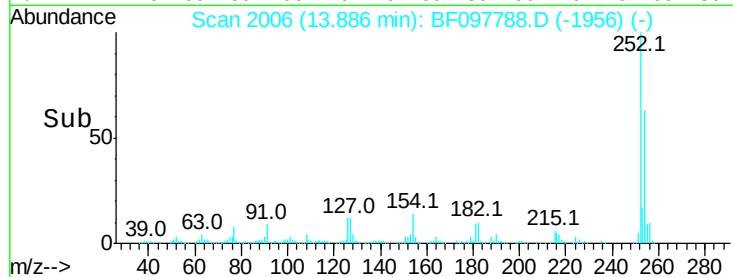
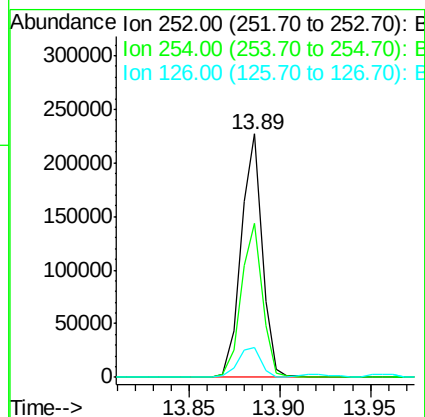
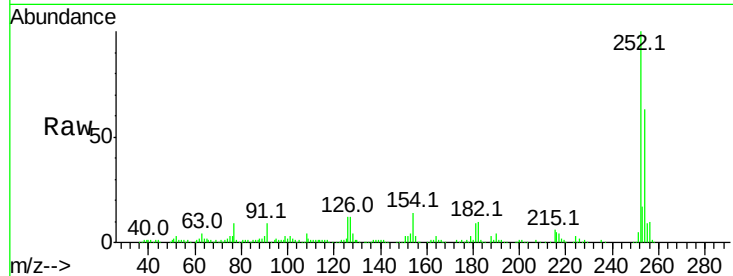
#81
 3,3'-Dichlorobenzidine
 Concen: 26.167 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion:	252	Resp:	184191
Ion Ratio		Lower	Upper
252	100		
254	63.5	51.5	77.3
126	12.2	15.8	23.8#

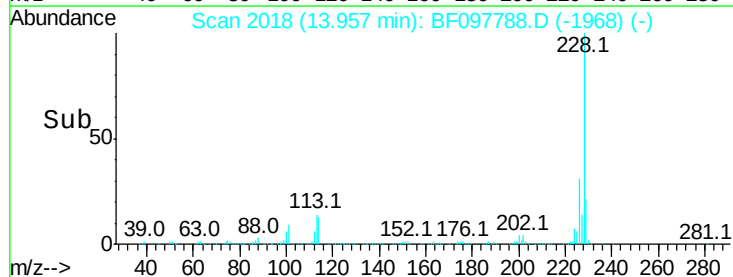
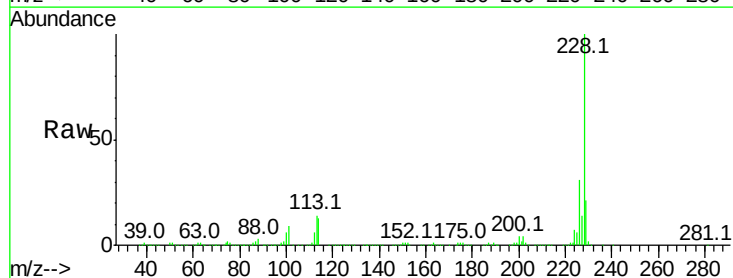
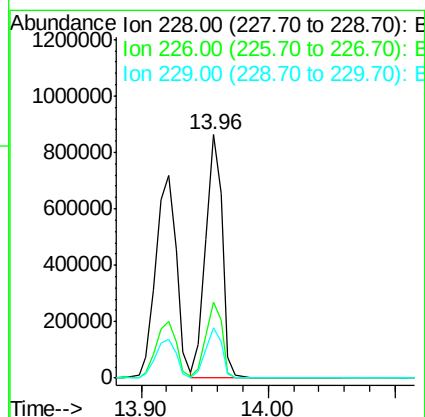
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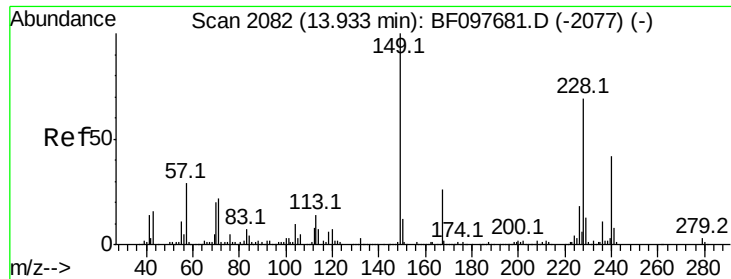
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#82
 Chrysene
 Concen: 37.896 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion:	228	Resp:	786388
Ion Ratio		Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.9	15.8	23.6





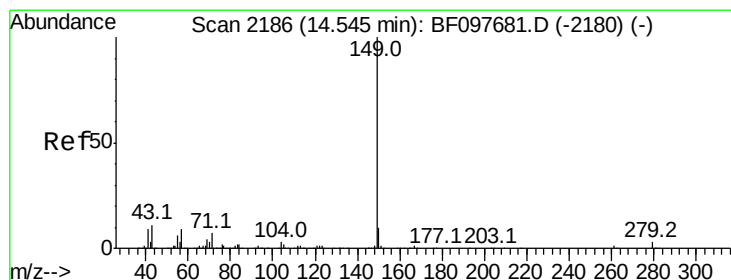
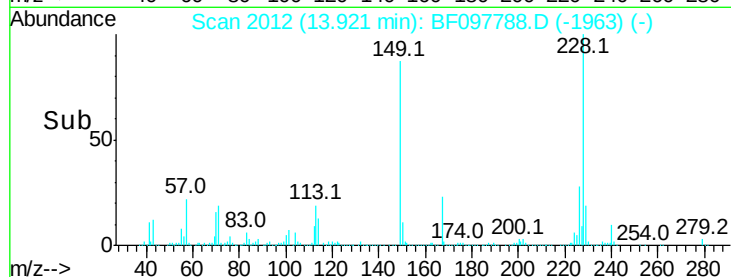
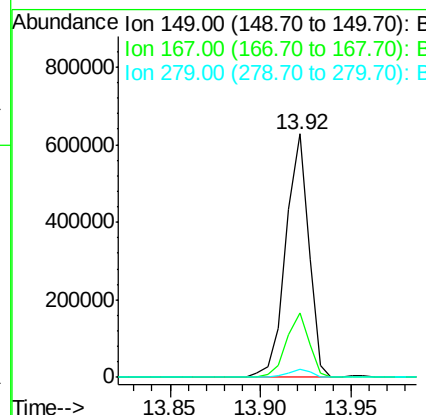
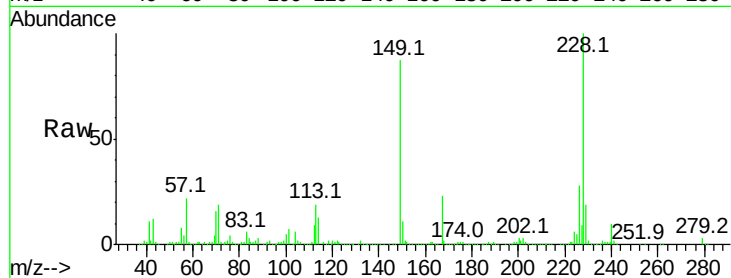
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.780 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.6	21.0	31.4	
279	3.3	1.9	2.9	

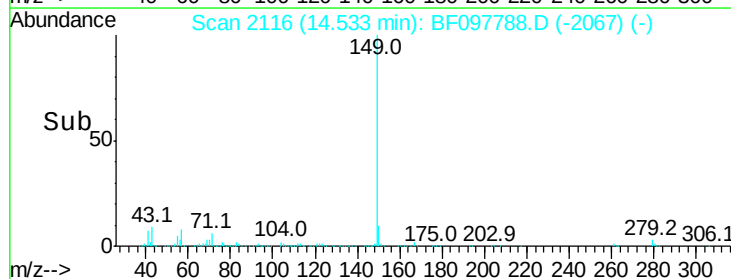
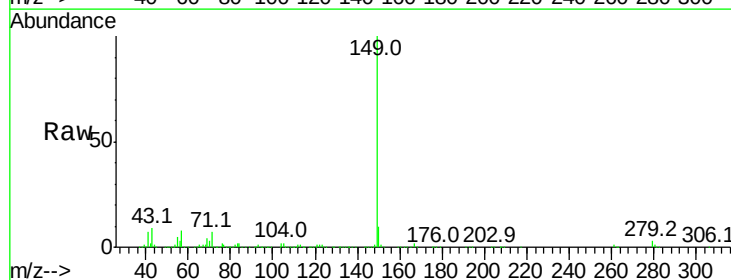
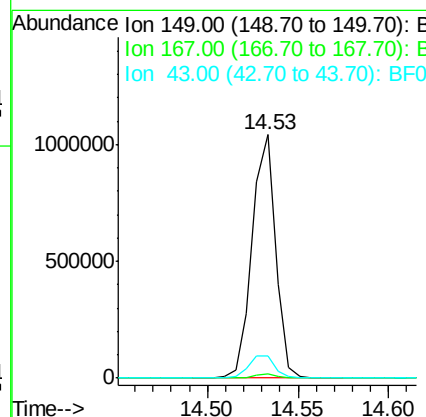
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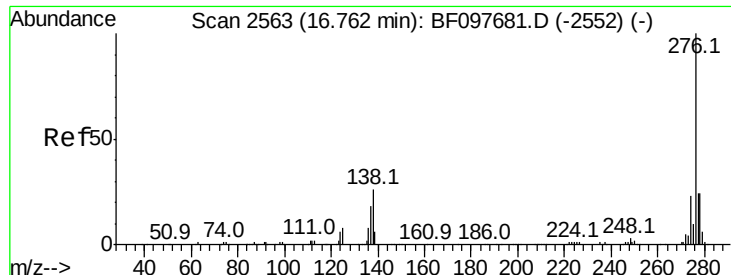
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#84
 Di-n-octyl phthalate
 Concen: 44.643 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.9	8.5	12.7	





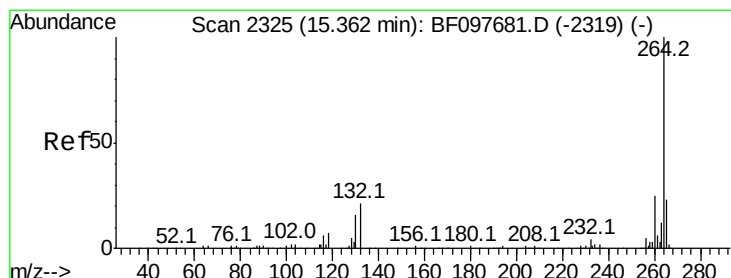
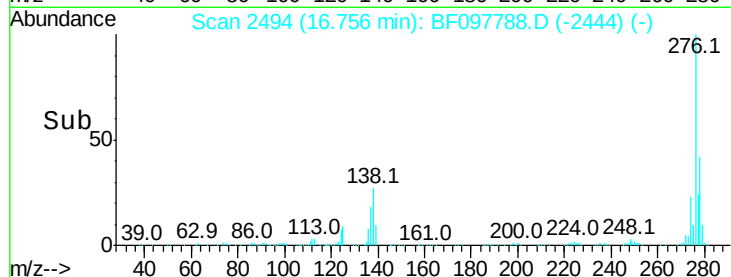
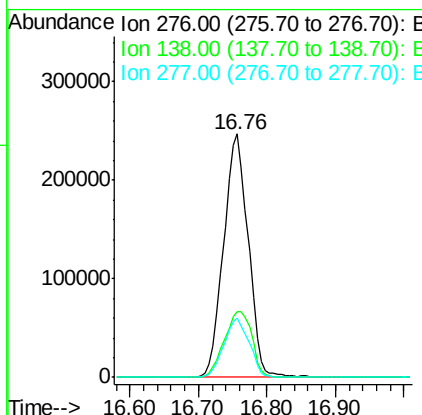
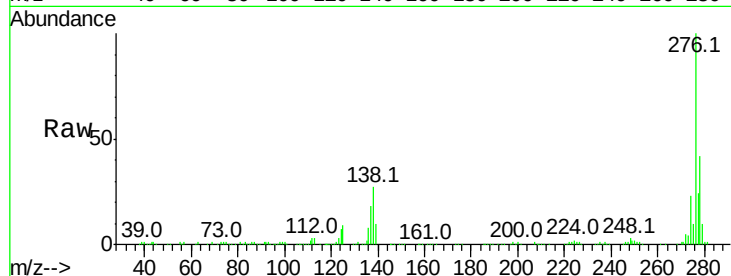
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.313 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	615394		
138	30.1		27.8	41.6
277	25.0		20.2	30.4

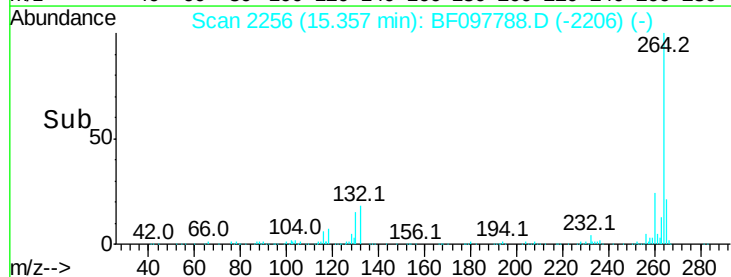
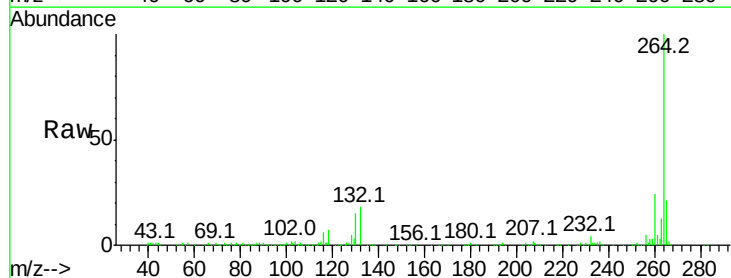
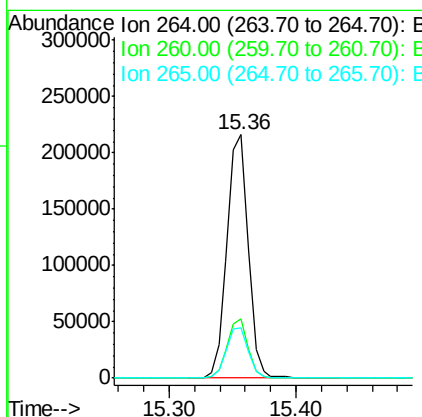
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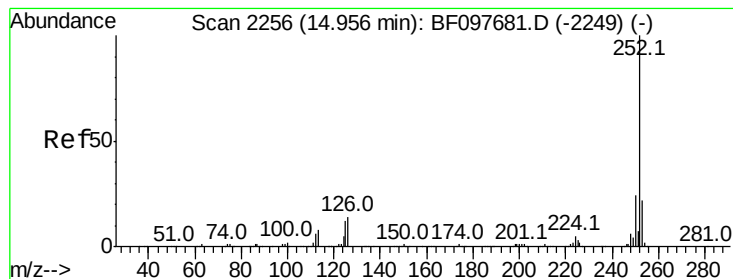
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	250480		
260	24.2		19.5	29.3
265	20.9		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.119 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Instrument :

BNA_F

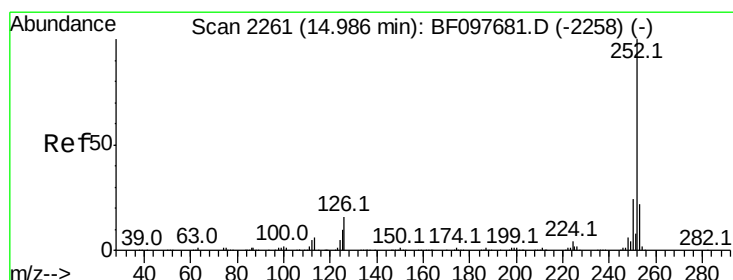
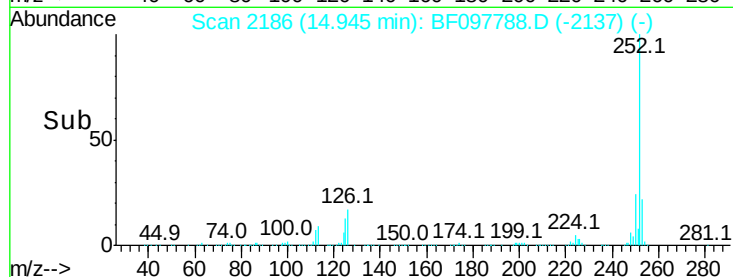
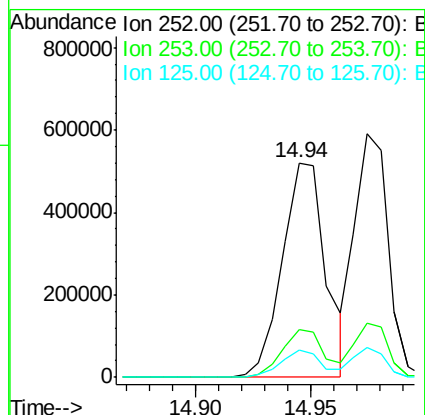
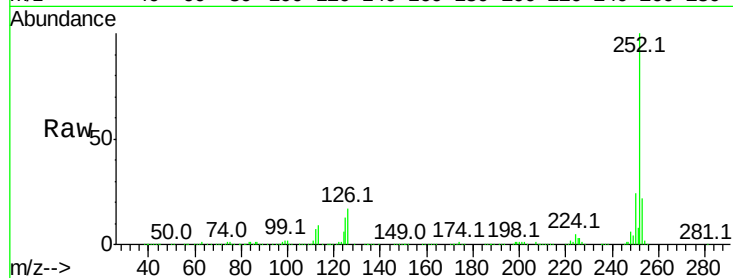
ClientSampleId :

PB101563BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	680783		
253	22.0		18.1	27.1
125	12.6		9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.477 ng

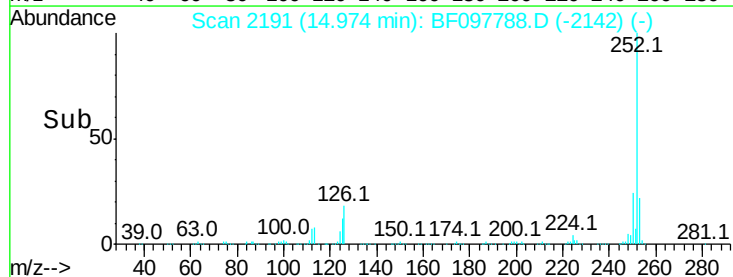
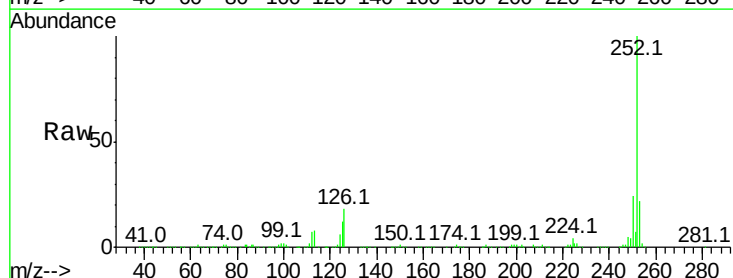
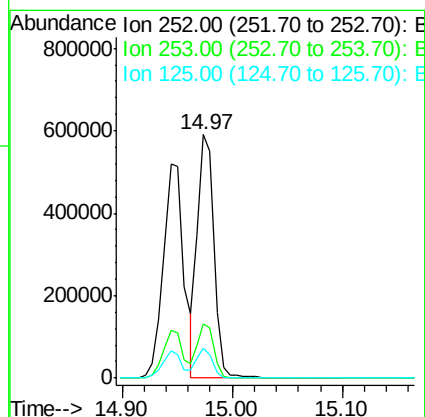
RT: 14.97 min Scan# 2191

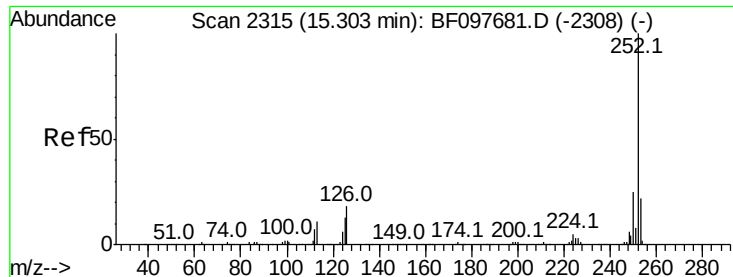
Delta R.T. -0.01 min

Lab File: BF097788.D

Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	600407		
253	22.1		18.4	27.6
125	12.4		13.1	19.7#





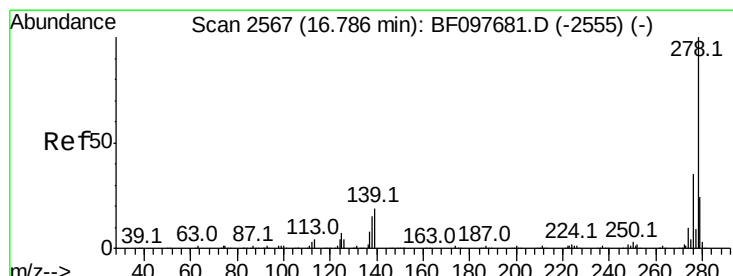
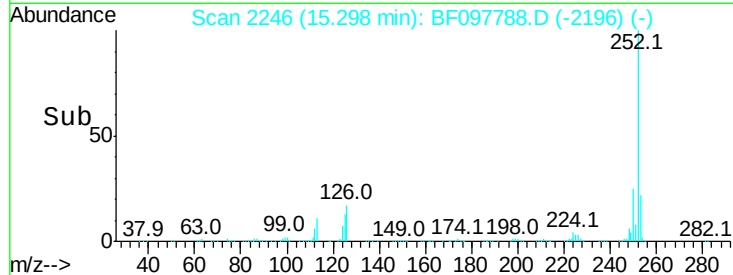
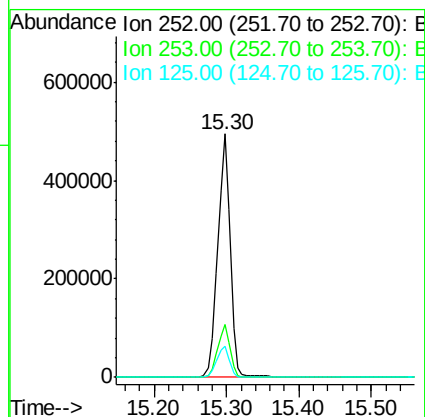
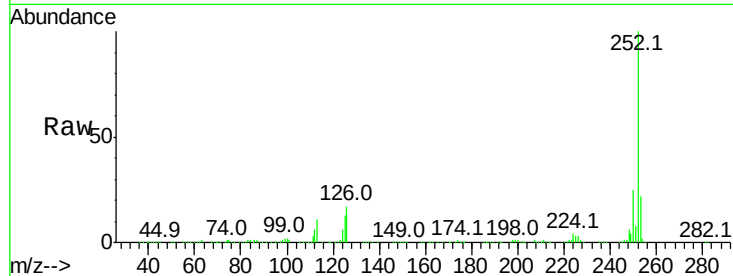
#89
Benzo(a)pyrene
Concen: 42.662 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Instrument :
BNA_F
ClientSampleId :
PB101563BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.9	11.0	16.4

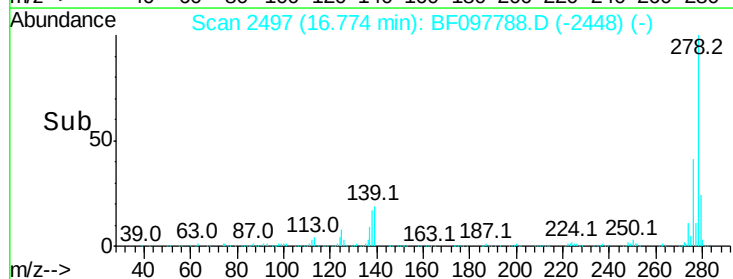
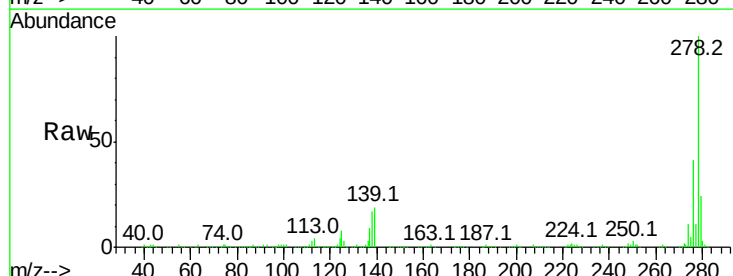
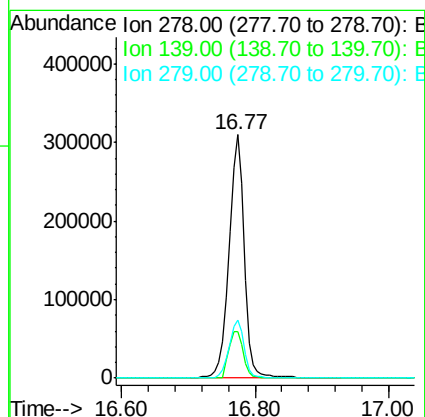
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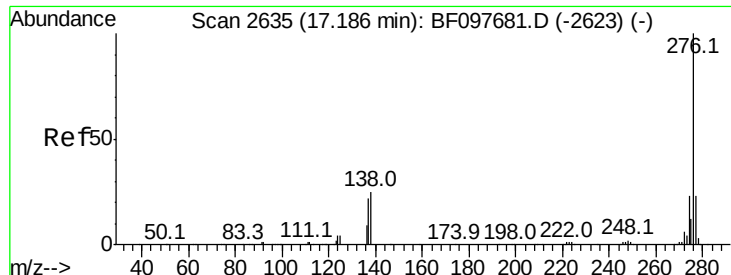
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#90
Dibenzo(a,h)anthracene
Concen: 44.292 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BF097788.D
Acq: 17 Aug 2017 16:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.857 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097788.D
 Acq: 17 Aug 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB101563BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.3	18.6	28.0		
138	24.0	25.4	38.0		

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