

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097202.D
 Acq On : 31 Jul 2017 12:39
 Operator : SJ/JU
 Sample : PB101036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:22 PM

Quant Time: Jul 31 15:21:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	100616	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	496621	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	203837	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	326644	20.00	ng	0.00
75) Chrysene-d12	13.62	240	169158	20.00	ng	0.00
86) Perylene-d12	14.96	264	174177	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	588796	88.22	ng	0.01
7) Phenol-d6	6.15	99	745505	97.84	ng	0.00
23) Nitrobenzene-d5	7.05	82	650981	76.90	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	142781	88.66	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	1168137	97.26	ng	0.00
78) Terphenyl-d14	12.57	244	729998	87.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	110781	39.774	ng	# 78
3) Pyridine	2.70	79	344561	40.399	ng	# 63
4) n-Nitrosodimethylamine	2.63	42	213148	45.111	ng	# 80
6) Aniline	6.15	93	387826	40.447	ng	90
8) 2-Chlorophenol	6.27	128	312829	43.833	ng	97
9) Benzaldehyde	6.02	77	235849	52.293	ng	97
10) Phenol	6.16	94	443373	49.056	ng	97
11) bis(2-Chloroethyl)ether	6.23	93	352409	49.300	ng	93
12) 1,3-Dichlorobenzene	6.42	146	326044	42.392	ng	98
13) 1,4-Dichlorobenzene	6.50	146	324044	42.514	ng	95
14) 1,2-Dichlorobenzene	6.65	146	287567	43.210	ng	98
15) Benzyl Alcohol	6.65	79	236826	49.091	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	612796	42.741	ng	69
17) 2-Methylphenol	6.77	107	242422	44.012	ng	# 88
18) Hexachloroethane	6.99	117	120230	43.117	ng	# 78
19) n-Nitroso-di-n-propylamine	6.92	70	221506	44.165	ng	# 85
20) 3+4-Methylphenols	6.93	107	348562	48.452	ng	# 64
22) Acetophenone	6.90	105	438824	36.795	ng	98
24) Nitrobenzene	7.07	77	328163	37.221	ng	95
25) Isophorone	7.32	82	695915	41.977	ng	98
26) 2-Nitrophenol	7.39	139	205618	43.107	ng	# 83
27) 2,4-Dimethylphenol	7.45	122	334631	42.528	ng	98
28) bis(2-Chloroethoxy)methane	7.53	93	489416	45.237	ng	99
29) 2,4-Dichlorophenol	7.64	162	310492	45.805	ng	93
30) 1,2,4-Trichlorobenzene	7.71	180	280494	43.412	ng	96
31) Naphthalene	7.79	128	1042336	44.525	ng	100
32) Benzoic acid	7.63	122	195383	33.254	ng	95
33) 4-Chloroaniline	7.85	127	337288	35.409	ng	99
34) Hexachlorobutadiene	7.91	225	141169	41.213	ng	98
35) Caprolactam	8.25	113	101612m	46.748	ng	
36) 4-Chloro-3-methylphenol	8.35	107	319344	43.182	ng	# 85
37) 2-Methylnaphthalene	8.48	142	685344	46.238	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	246212	45.269	ng	98
40) Hexachlorocyclopentadiene	8.63	237	67699	39.254	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	177999	45.161	ng	98
43) 2,4,5-Trichlorophenol	8.82	196	186162	47.189	ng	99
45) 1,1'-Biphenyl	8.95	154	754543	43.338	ng	96
46) 2-Chloronaphthalene	8.96	162	588349	45.921	ng	# 92
47) 2-Nitroaniline	9.07	65	230838	49.646	ng	94
48) Acenaphthylene	9.37	152	862032	43.834	ng	99
49) Dimethylphthalate	9.26	163	713349	46.085	ng	99
50) 2,6-Dinitrotoluene	9.32	165	149341	45.489	ng	# 78
51) Acenaphthene	9.55	154	518724	44.780	ng	99
52) 3-Nitroaniline	9.48	138	158533	38.904	ng	99
53) 2,4-Dinitrophenol	9.60	184	112021	75.045	ng	# 77
54) Dibenzofuran	9.72	168	724511	46.957	ng	99
55) 4-Nitrophenol	9.68	139	196741	81.186	ng	# 58
56) 2,4-Dinitrotoluene	9.72	165	169989	45.041	ng	# 48
57) Fluorene	10.06	166	529720	45.679	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	135809	49.858	ng	96
59) Diethylphthalate	9.95	149	648297	45.651	ng	98
60) 4-Chlorophenyl-phenylether	10.06	204	225212	47.030	ng	95
61) 4-Nitroaniline	10.10	138	152469	39.377	ng	91
62) Azobenzene	10.22	77	676794	51.373	ng	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	82229	40.512	ng	86
65) n-Nitrosodiphenylamine	10.18	169	518389	45.612	ng	97
66) 4-Bromophenyl-phenylether	10.54	248	150136	46.057	ng	93
67) Hexachlorobenzene	10.61	284	153738	42.056	ng	# 87
68) Atrazine	10.72	200	144399	44.308	ng	93
69) Pentachlorophenol	10.81	266	124687	82.438	ng	99
70) Phenanthrene	11.02	178	783374	44.760	ng	99
71) Anthracene	11.07	178	814436	45.434	ng	98
72) Carbazole	11.23	167	731910	41.517	ng	99
73) Di-n-butylphthalate	11.57	149	934623	42.889	ng	99
74) Fluoranthene	12.19	202	694614	40.513	ng	97
76) Benzidine	12.33	184	297687m	47.428	ng	
77) Pyrene	12.42	202	693131	50.051	ng	99
79) Butylbenzylphthalate	13.05	149	334679	47.510	ng	# 76
80) Benzo(a)anthracene	13.60	228	502557	45.916	ng	99
81) 3,3'-Dichlorobenzidine	13.57	252	172663	41.832	ng	# 97
82) Chrysene	13.64	228	486669	45.536	ng	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	409162	44.486	ng	100
84) Di-n-octyl phthalate	14.23	149	754845	44.722	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.20	276	508152	55.448	ng	99
87) Benzo(b)fluoranthene	14.60	252	488278m	46.635	ng	
88) Benzo(k)fluoranthene	14.63	252	446815m	44.784	ng	
89) Benzo(a)pyrene	14.92	252	481103	50.206	ng	99
90) Dibenzo(a,h)anthracene	16.20	278	414423	52.738	ng	98
91) Benzo(g,h,i)perylene	16.56	276	475394	57.689	ng	99

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

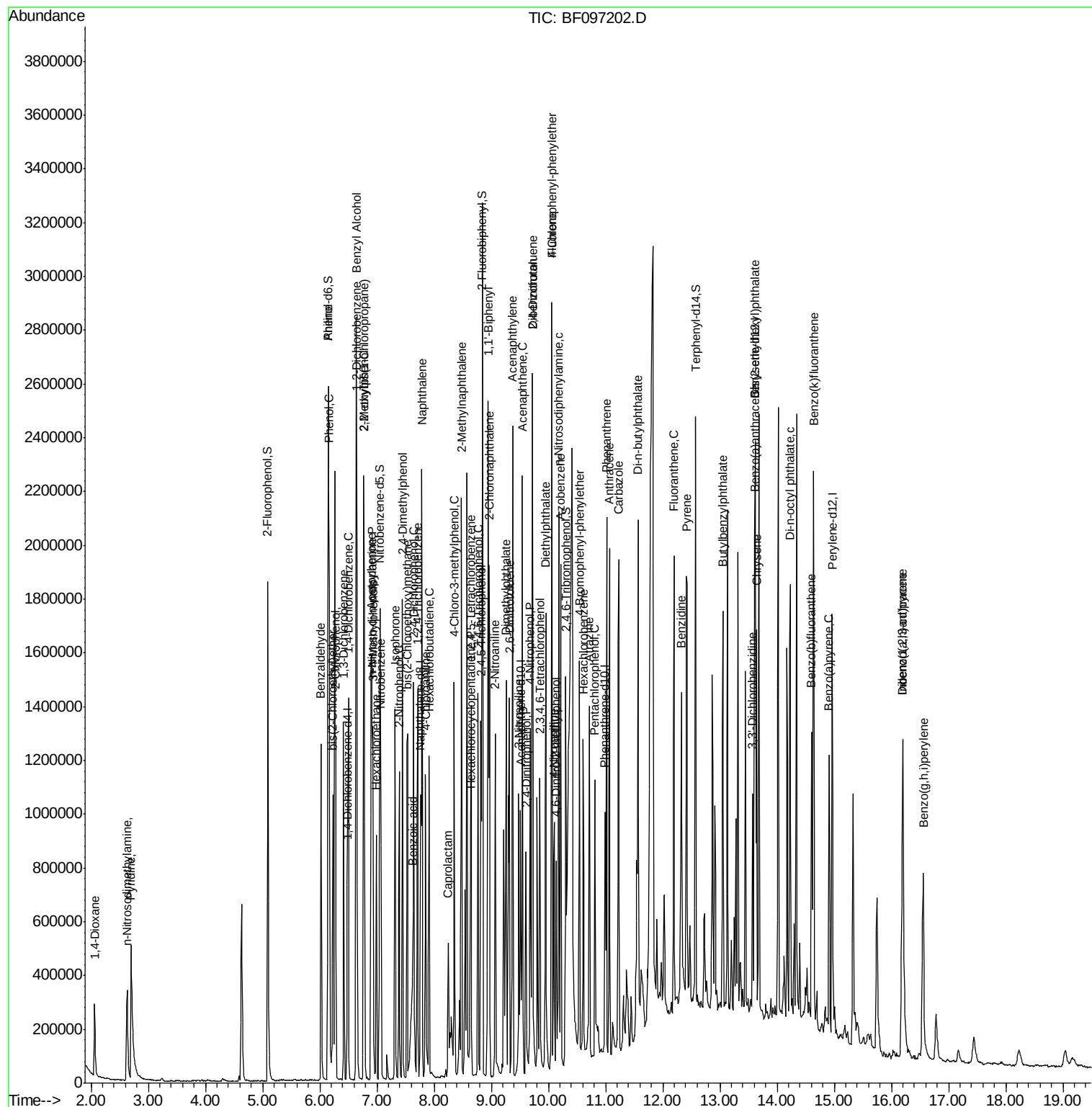
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
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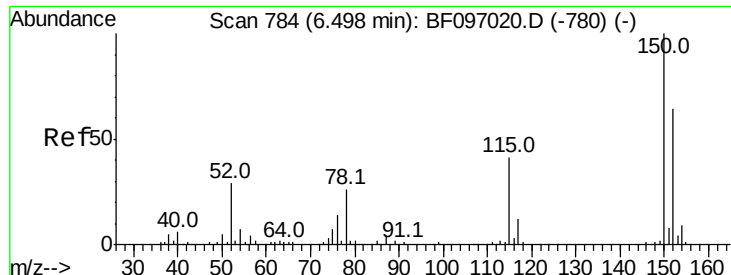
Instrument :
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#1

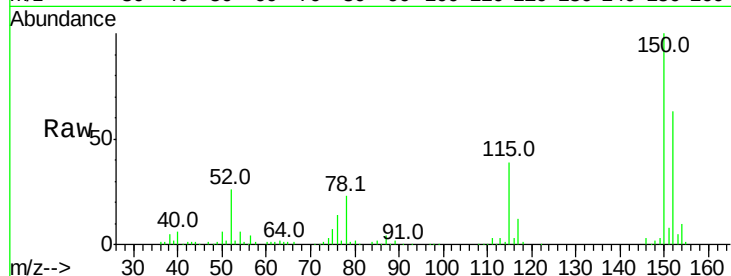
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

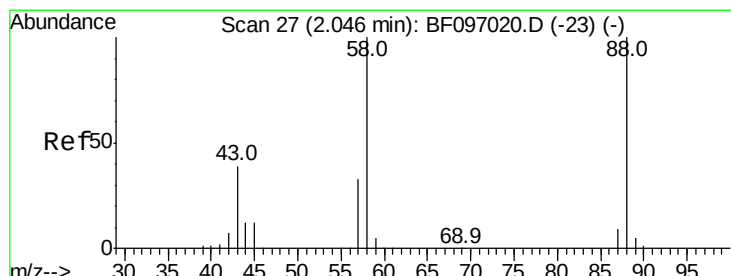
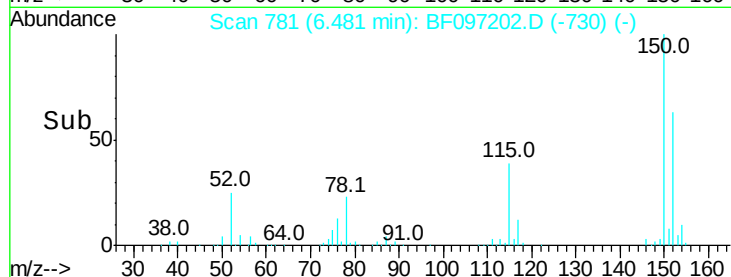
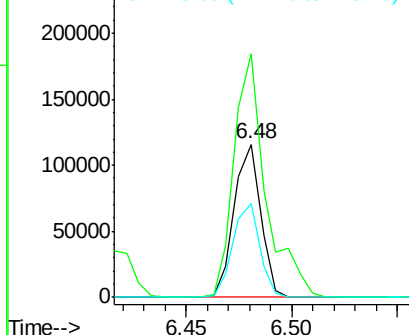
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	61.5	52.2	78.2

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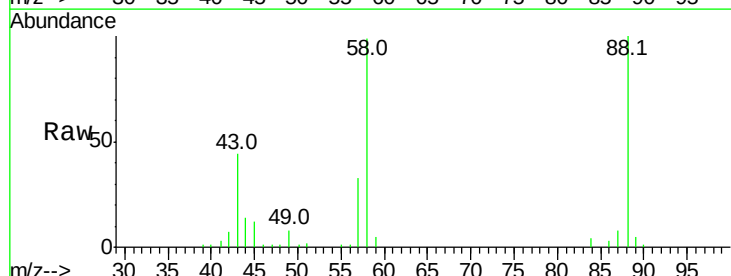
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



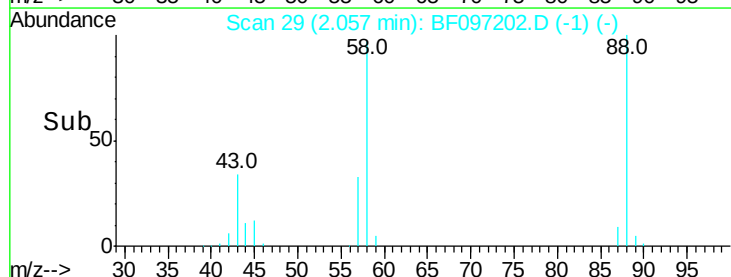
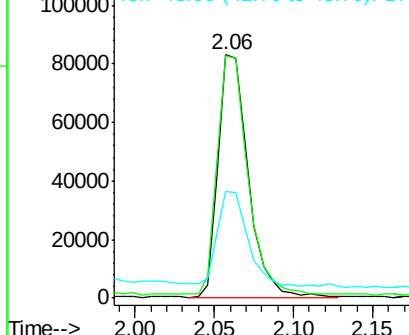
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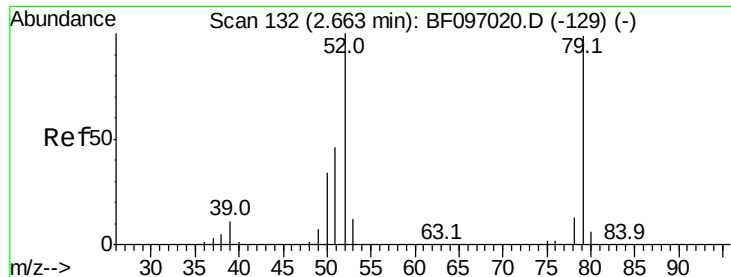
1,4-Dioxane
Concen: 39.774 ng
RT: 2.06 min Scan# 29
Delta R.T. 0.05 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	61.4	92.0#
43	38.1	23.4	35.0#



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





#3

Pvridine

Concen: 40.399 ng

RT: 2.70 min Scan# 138

Delta R.T. 0.09 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

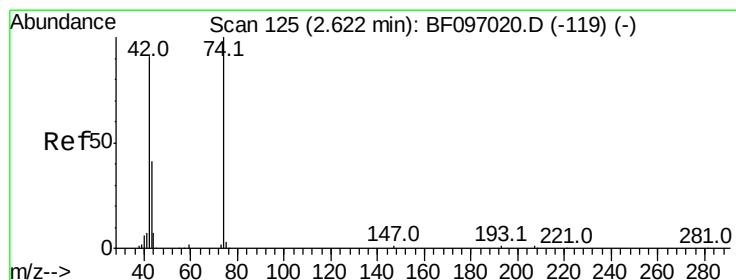
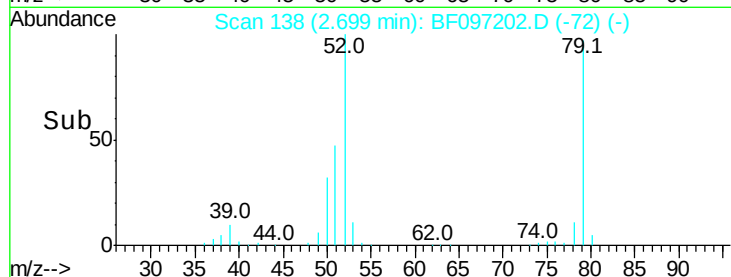
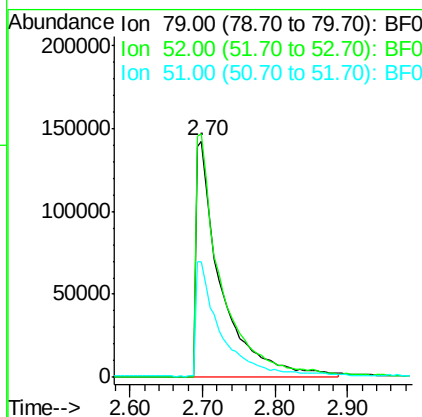
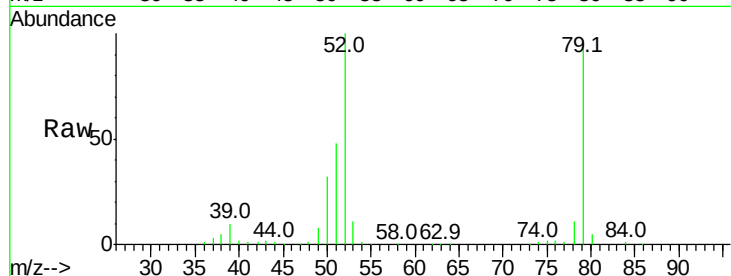
ClientSampleId :

PB101036BS

Tot Ion:	79	Resp:	344561
Ion Ratio	Lower	Upper	
79	100		
52	102.9	54.8	82.2#
51	49.0	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 45.111 ng

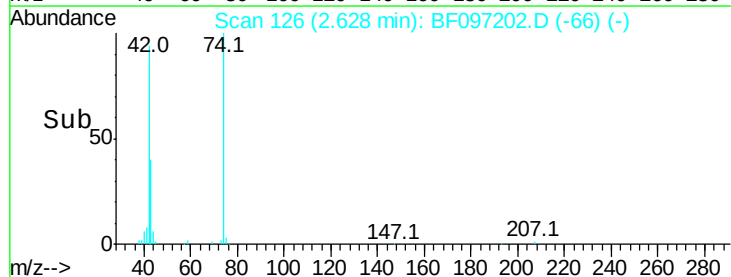
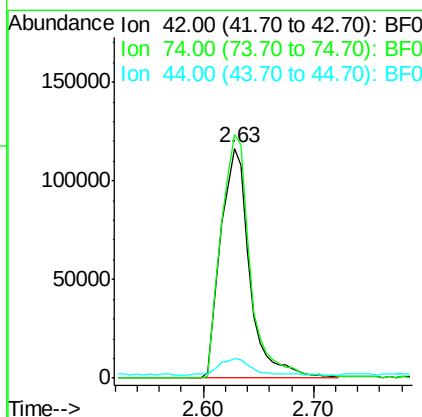
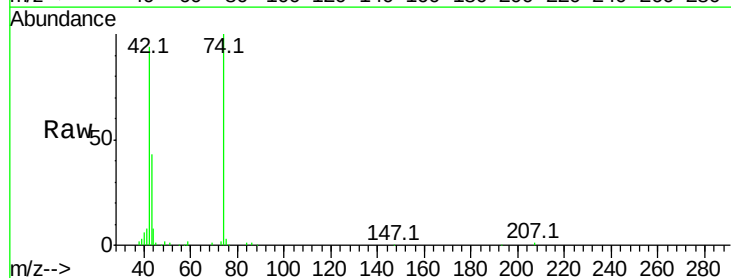
RT: 2.63 min Scan# 126

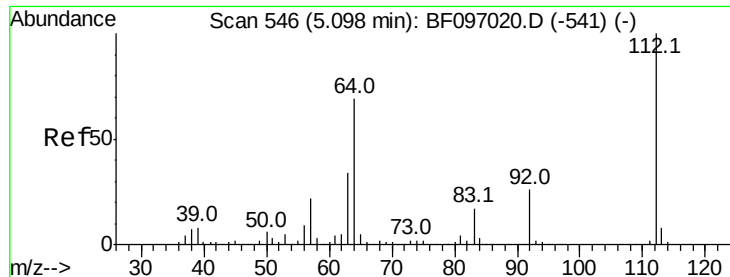
Delta R.T. 0.05 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	42	Resp:	213148
Ion Ratio	Lower	Upper	
42	100		
74	106.1	103.9	155.9
44	8.8	5.7	8.5#





#5

2-Fluorophenol

Concen: 88.217 ng

RT: 5.09 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

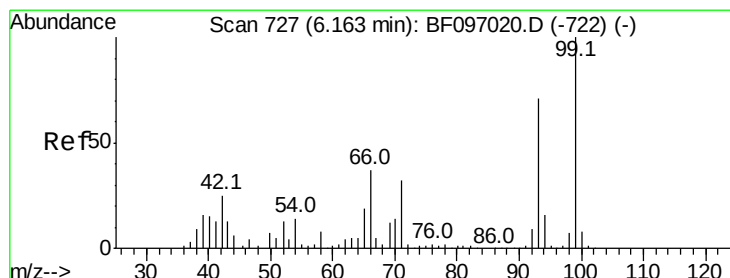
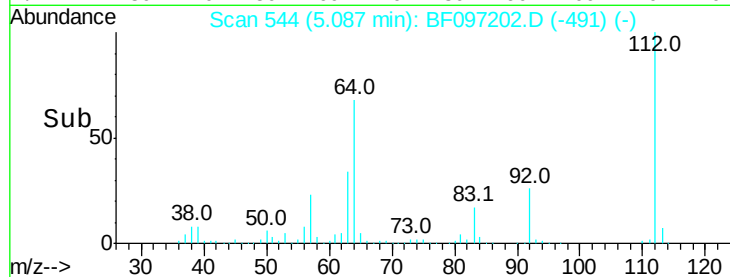
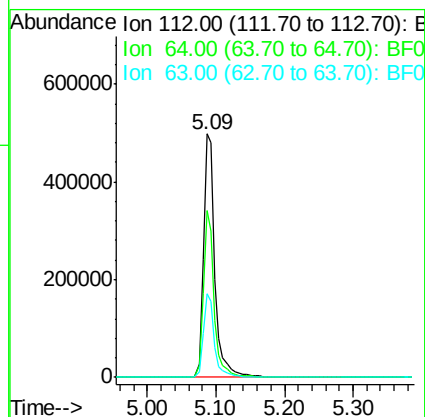
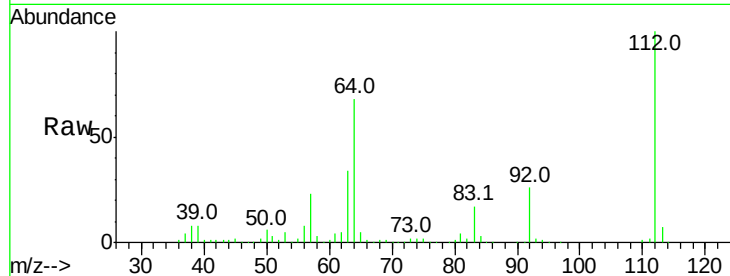
ClientSampleId :

PB101036BS

Tot Ion:	112	Resp:	588796
Ion Ratio	Lower	Upper	
112	100		
64	68.3	46.0	69.0
63	34.3	23.4	35.0

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#6

Aniline

Concen: 40.447 ng

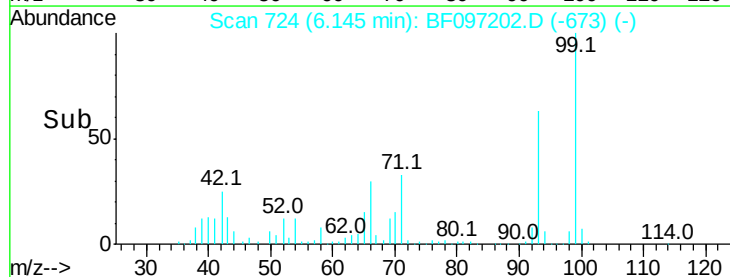
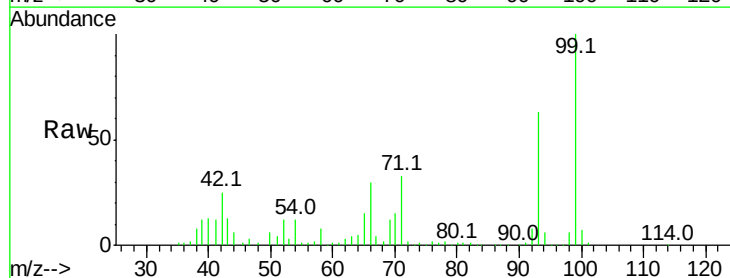
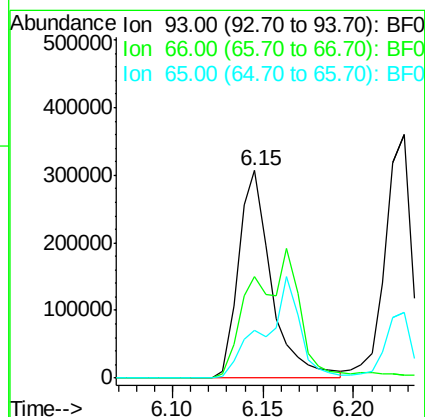
RT: 6.15 min Scan# 724

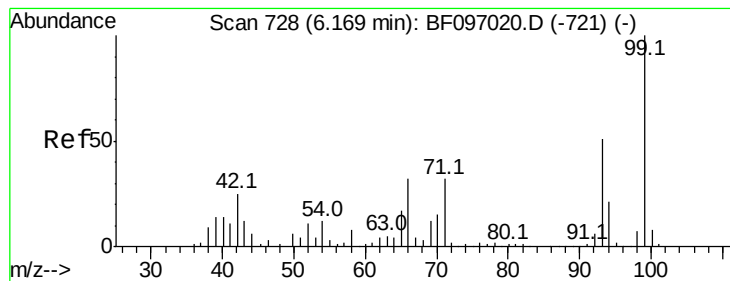
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	93	Resp:	387826
Ion Ratio	Lower	Upper	
93	100		
66	48.7	32.9	49.3
65	23.2	16.0	24.0





#7

Phenol-d6

Concen: 97.840 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampled :

PB101036BS

Tot Ion: 99 Resp: 745505

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

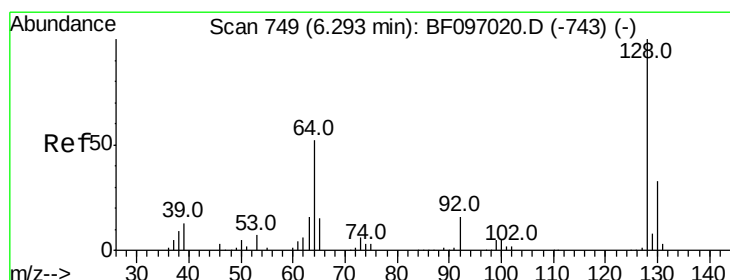
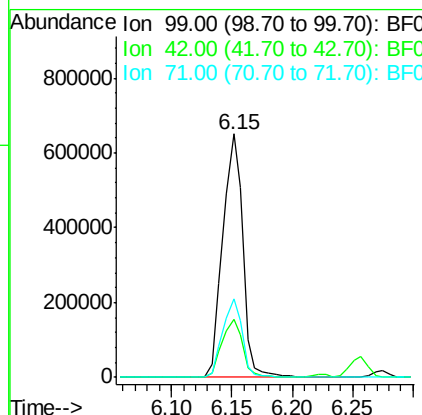
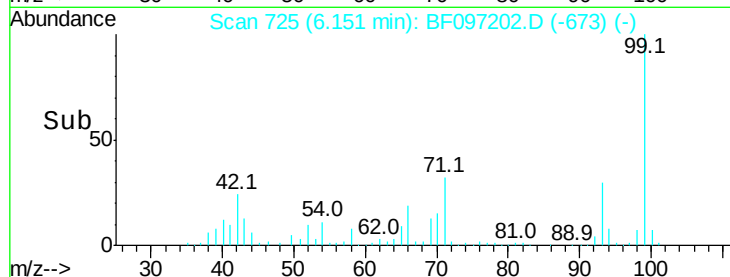
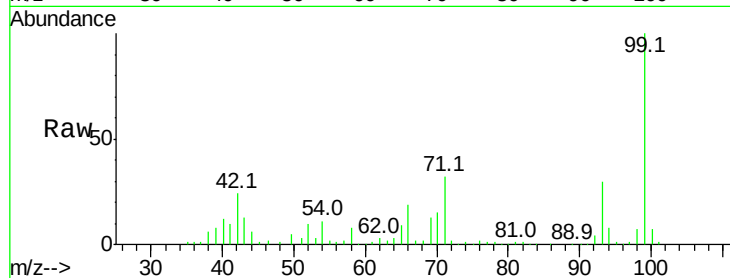
71 32.2 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.833 ng

RT: 6.27 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

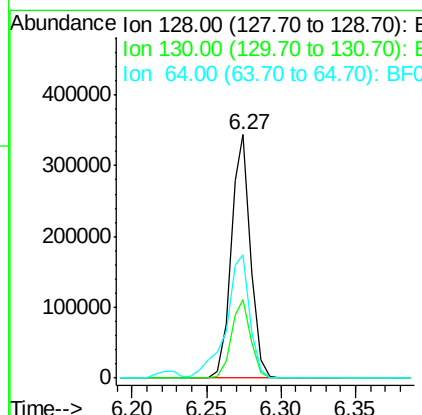
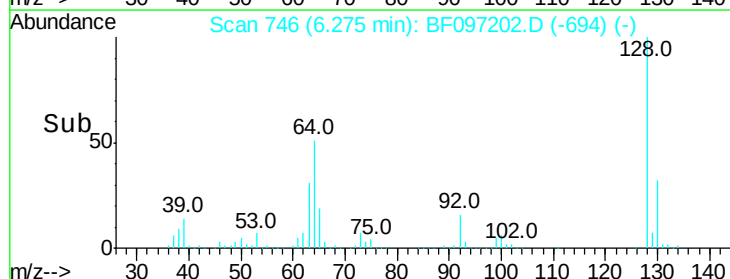
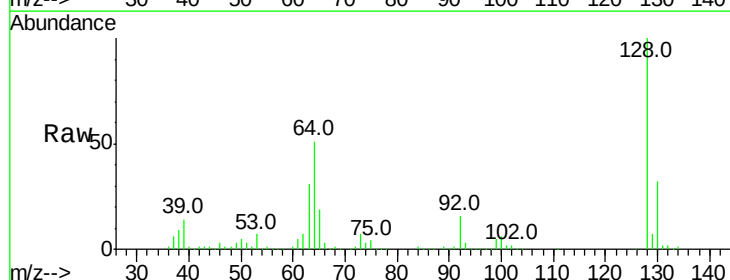
Tgt Ion:128 Resp: 312829

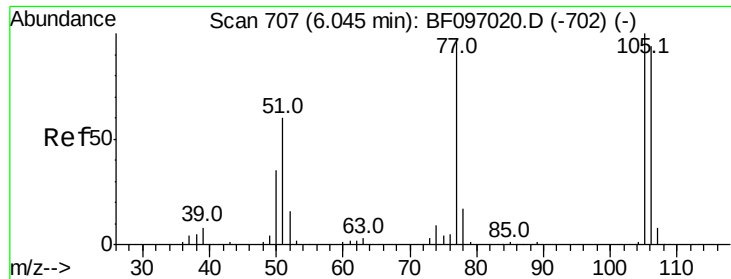
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 50.8 28.4 68.4





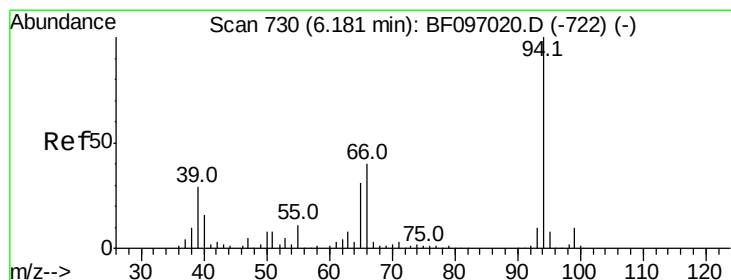
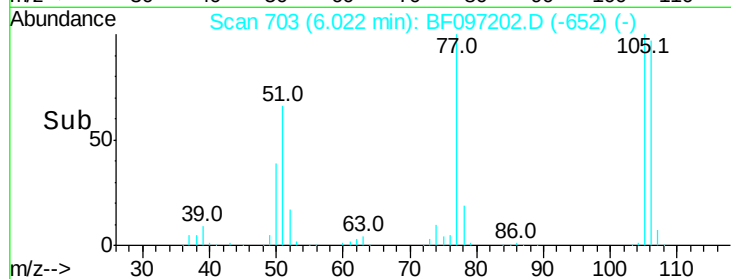
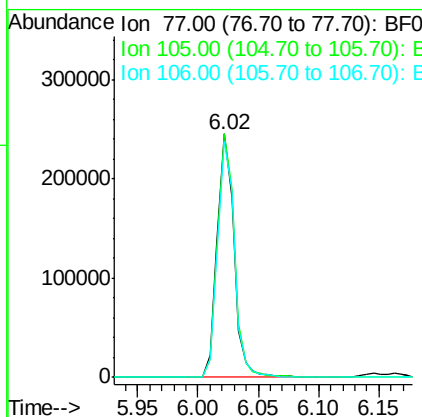
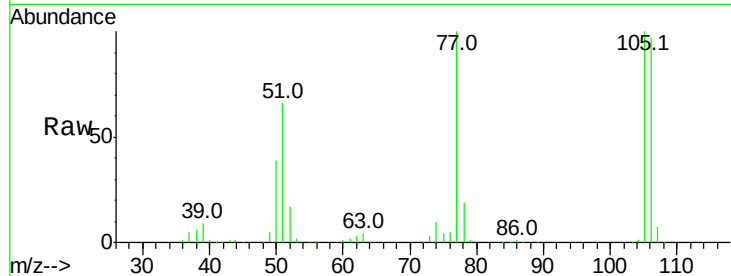
#9
Benzaldehyde
Concen: 52.293 ng
RT: 6.02 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF097202.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	83.8	123.8
106	96.9	79.1	119.1

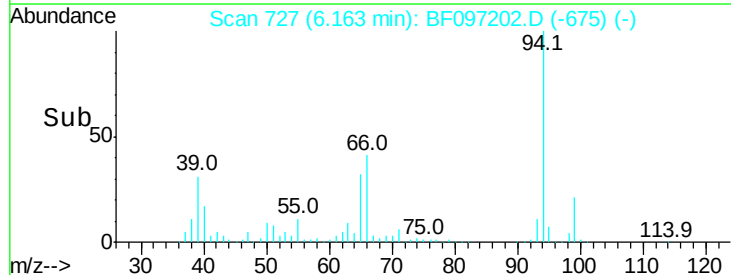
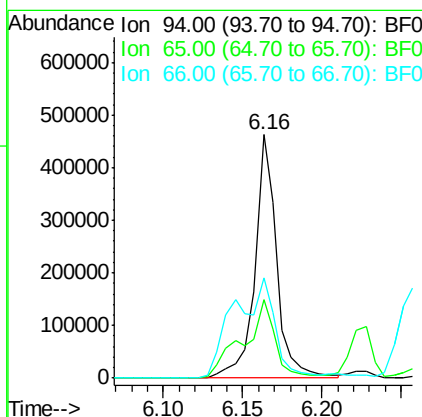
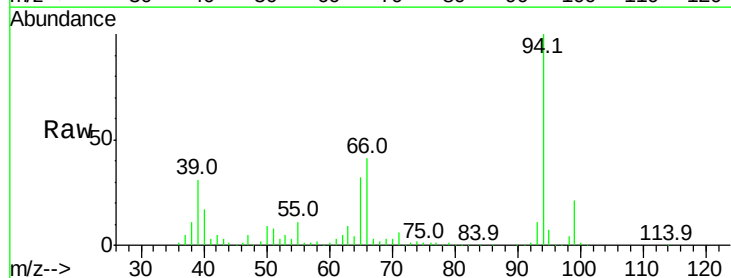
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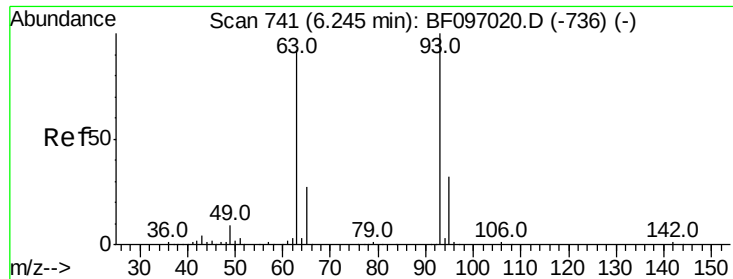
Sohil
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#10
Phenol
Concen: 49.056 ng
RT: 6.16 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.9	49.9
66	41.4	23.1	63.1





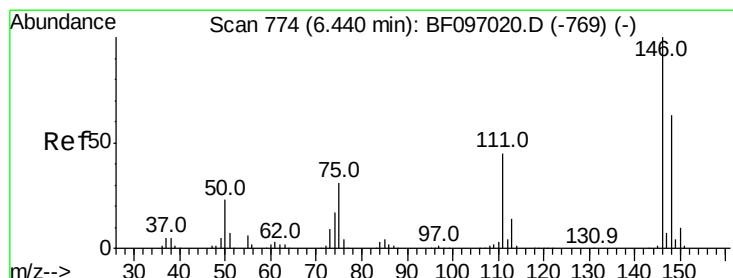
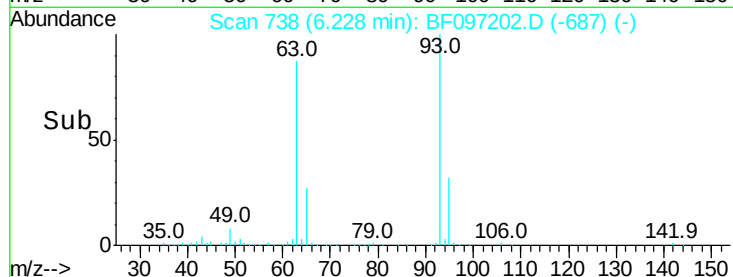
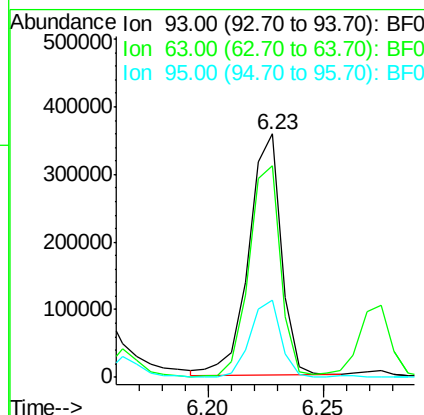
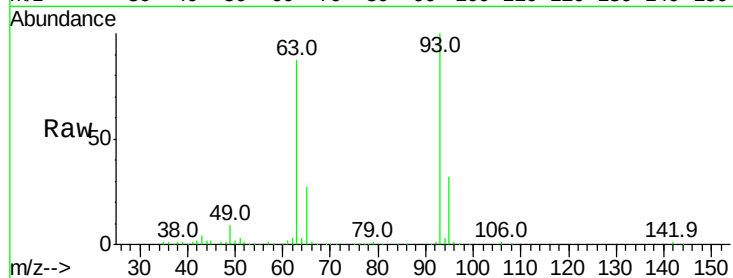
#11
bis(2-Chloroethyl)ether
Concen: 49.300 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:	93	Resp:	352409
Ion Ratio	Lower	Upper	
93	100		
63	86.9	59.2	99.2
95	31.9	12.8	52.8

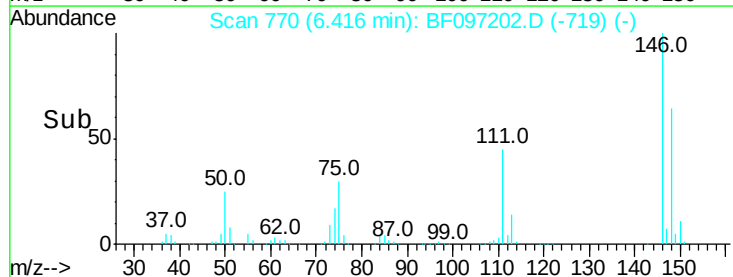
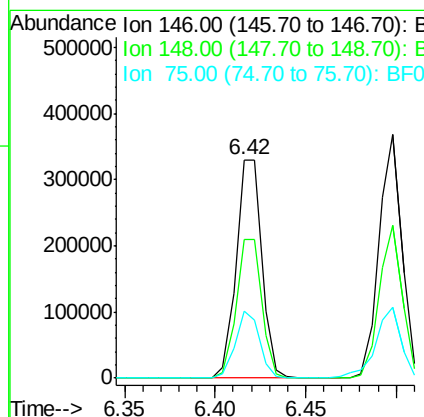
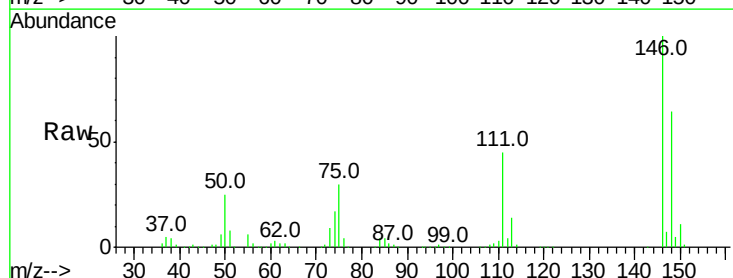
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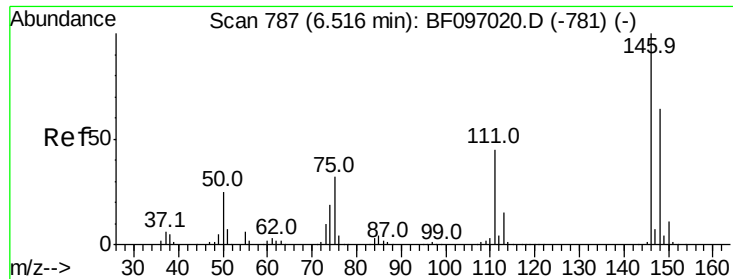
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.392 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:	146	Resp:	326044
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	30.4	23.1	34.7





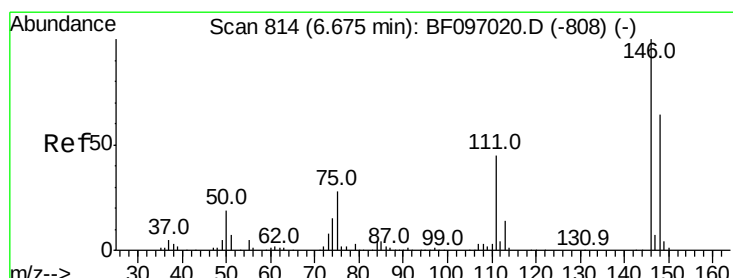
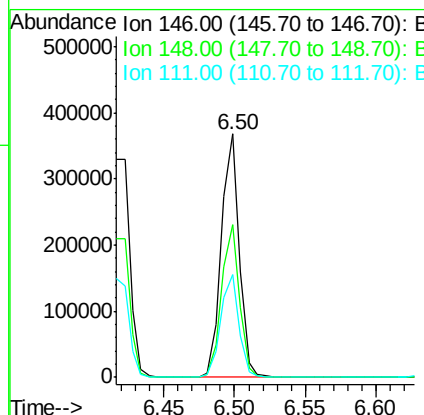
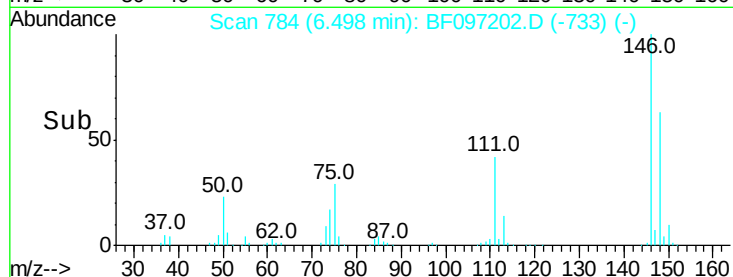
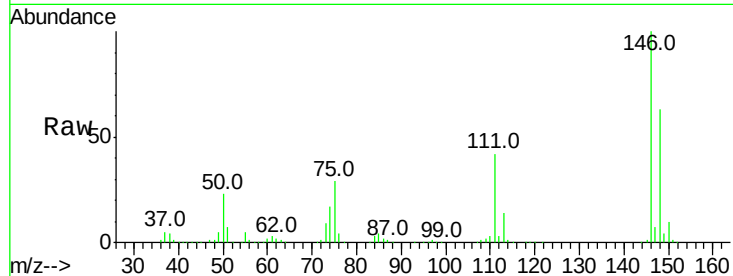
#13
 1,4-Dichlorobenzene
 Concen: 42.514 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	42.2	30.3	45.5

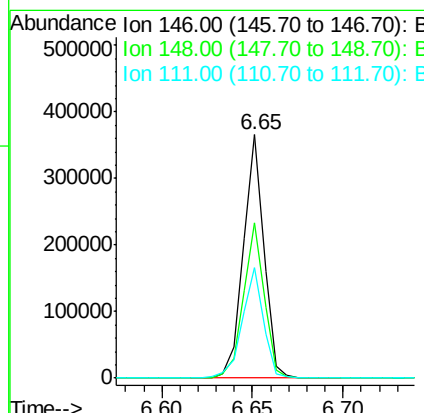
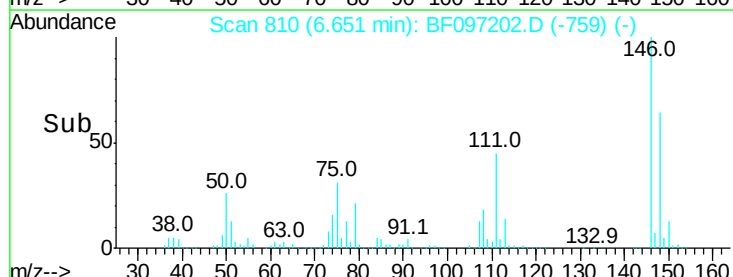
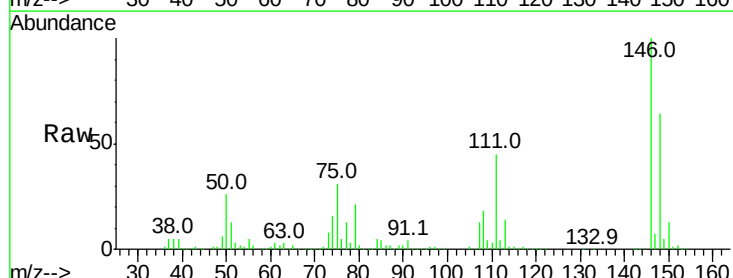
Manual Integrations
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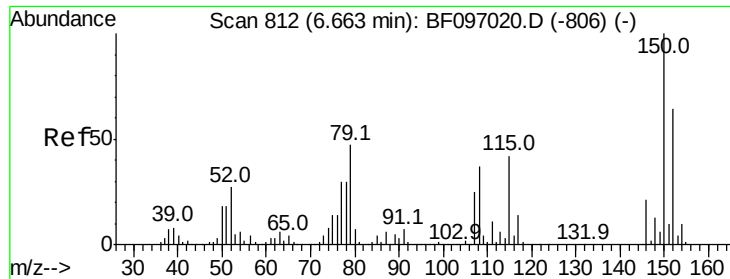
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 8/1/2017 5:44:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.210 ng
 RT: 6.65 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	45.2	38.2	57.4





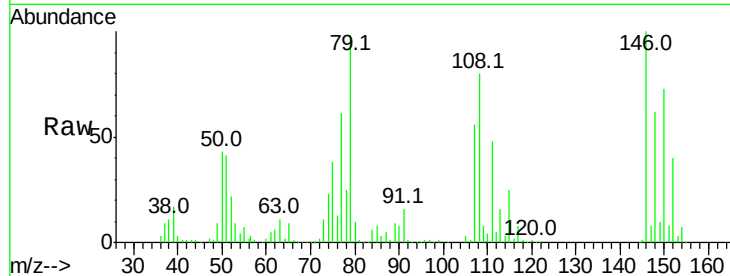
#15
Benzyl Alcohol
Concen: 49.091 ng
RT: 6.65 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampled :
PB101036BS

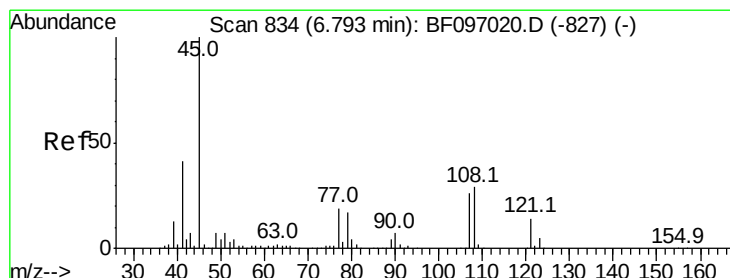
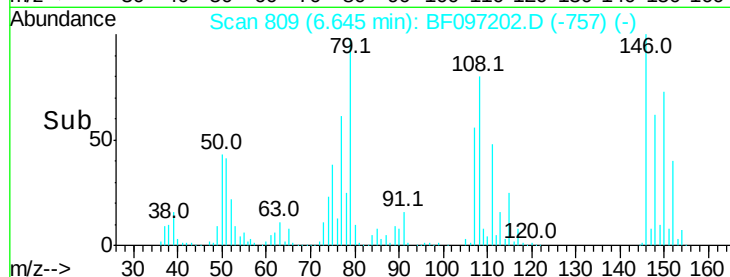
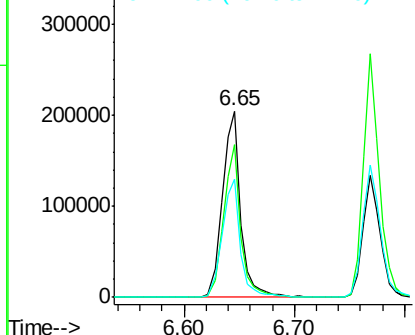
Tot Ion: 79 Resp: 236826
Ion Ratio Lower Upper
79 100
108 81.8 63.4 95.0
77 63.0 49.2 73.8

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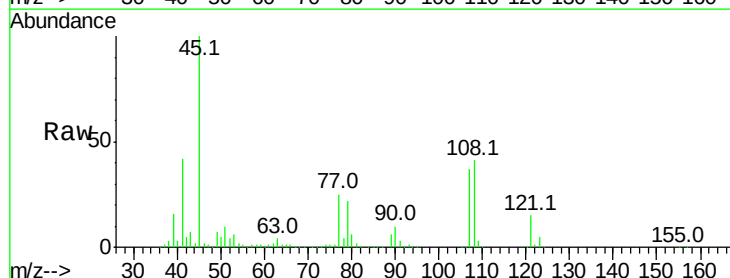


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

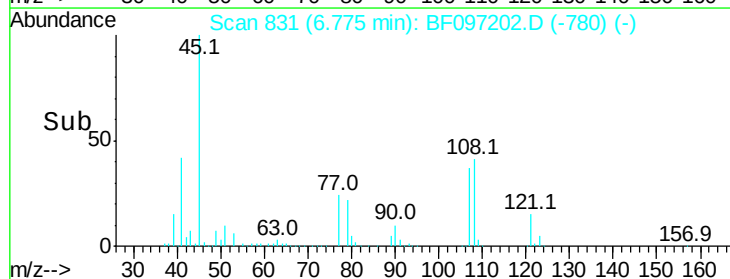
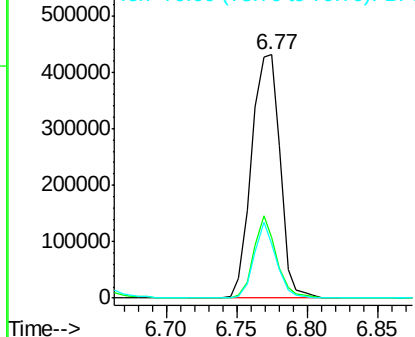


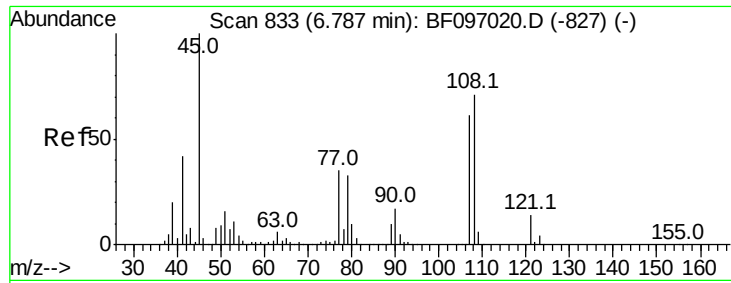
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.741 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion: 45 Resp: 612796
Ion Ratio Lower Upper
45 100
77 24.8 0.0 33.2
79 22.2 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.012 ng

RT: 6.77 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

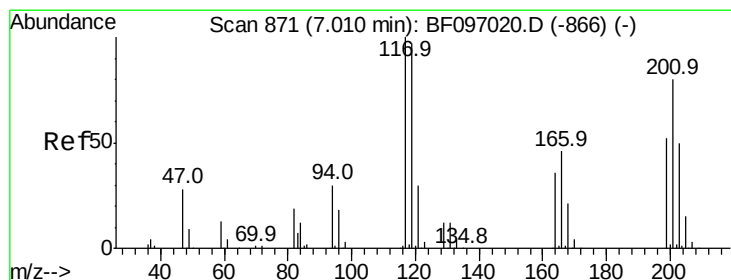
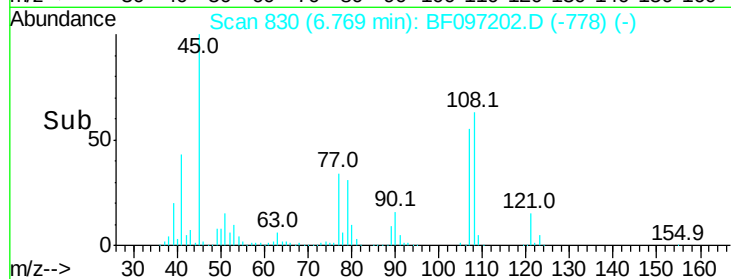
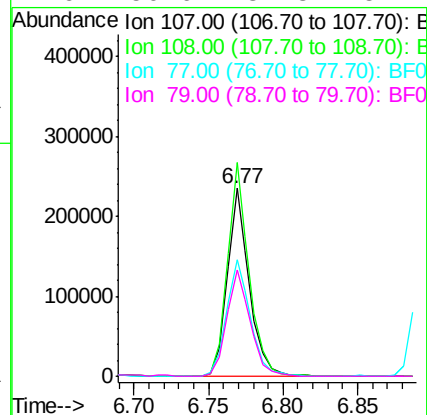
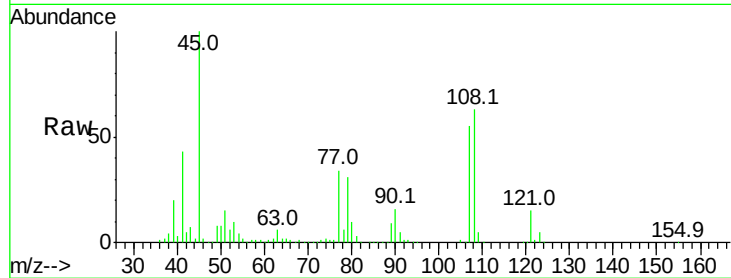
ClientSampleId :

PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	93.4	140.0	
77	61.8	35.8	53.6#	
79	56.6	34.8	52.2#	

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#18

Hexachloroethane

Concen: 43.117 ng

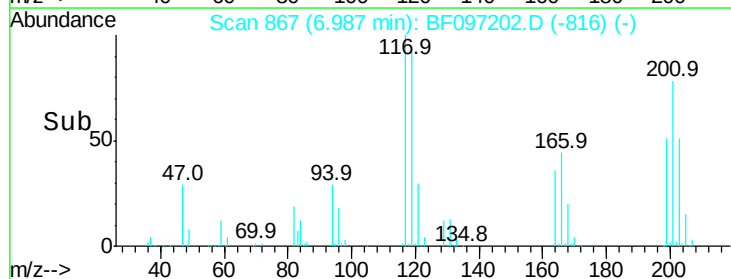
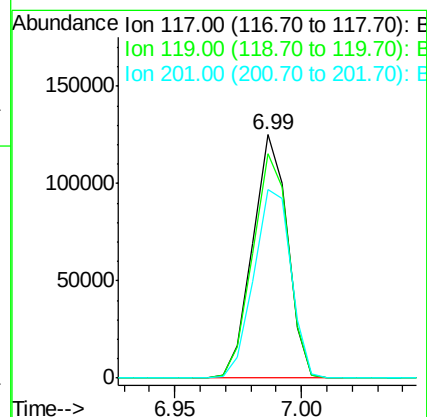
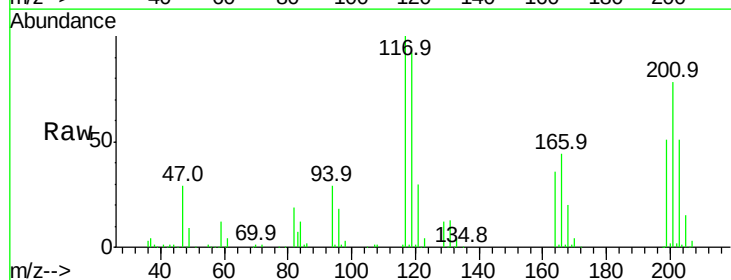
RT: 6.99 min Scan# 867

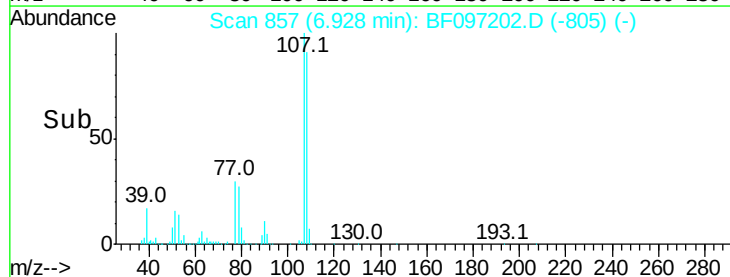
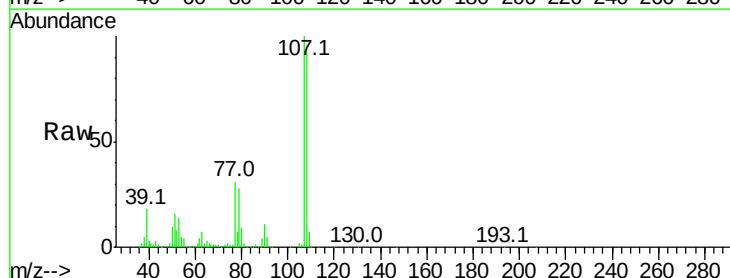
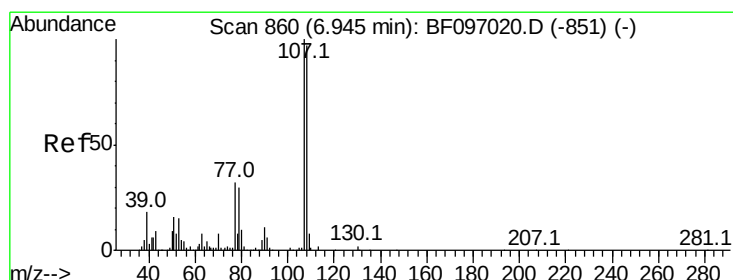
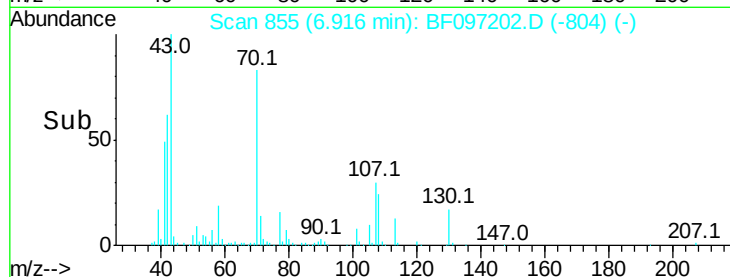
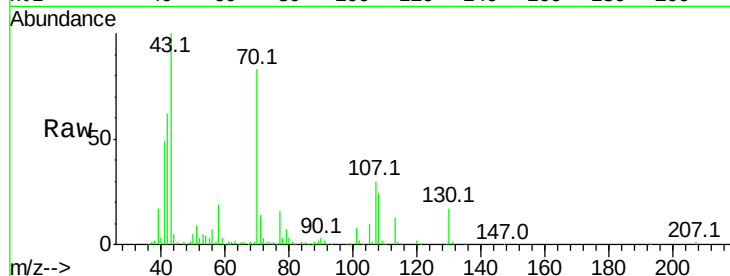
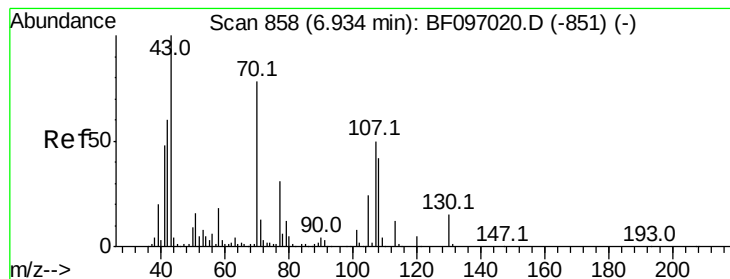
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	77.4	116.0	
201	77.5	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 44.165 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tot Ion: 70 Resp: 221506

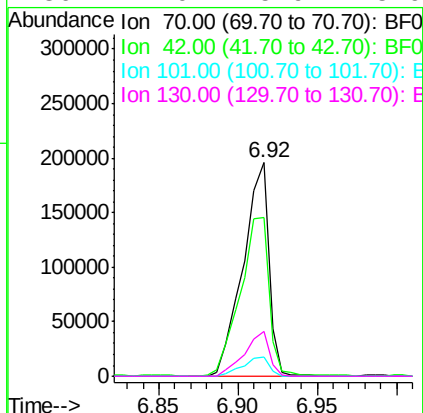
Ion Ratio Lower Upper

70 100

42 74.6 47.2 70.8#

101 9.1 7.2 10.8

130 21.0 15.9 23.9



Instrument :

BNA_F

ClientSampleId :

PB101036BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 48.452 ng

RT: 6.93 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:107 Resp: 348562

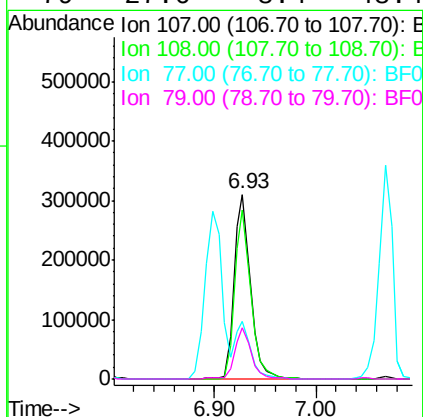
Ion Ratio Lower Upper

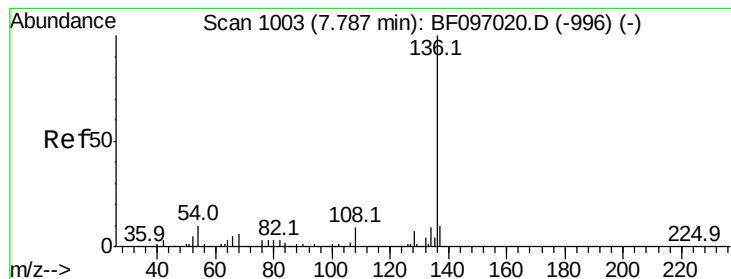
107 100

108 91.7 71.0 111.0

77 31.1 90.5 130.5#

79 27.6 8.4 48.4





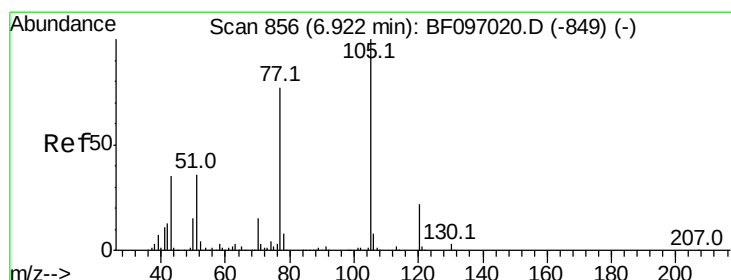
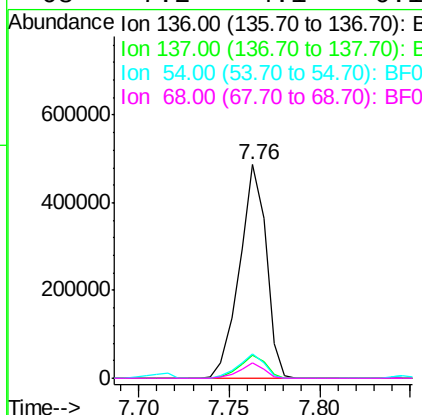
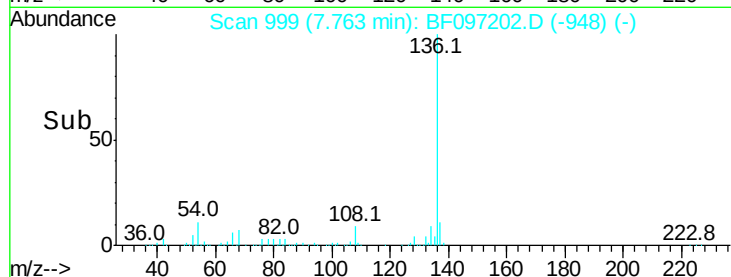
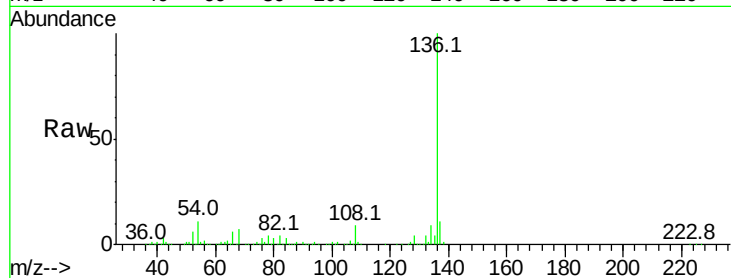
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	496621		
137	11.0	8.5	12.7	
54	11.4	4.9	7.3#	
68	7.2	4.1	6.1#	

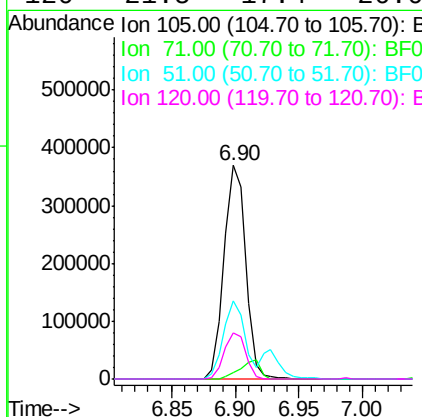
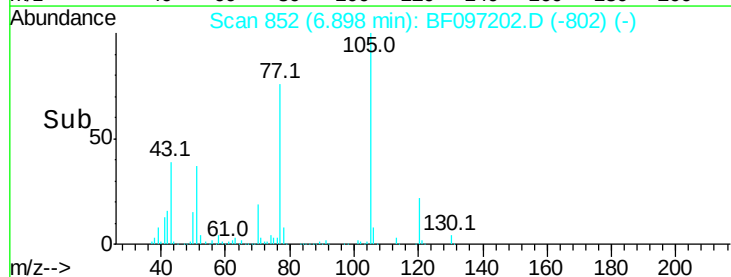
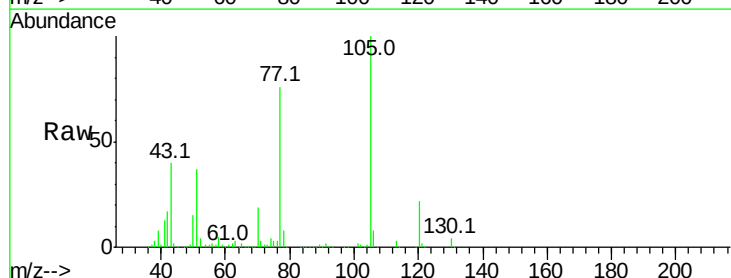
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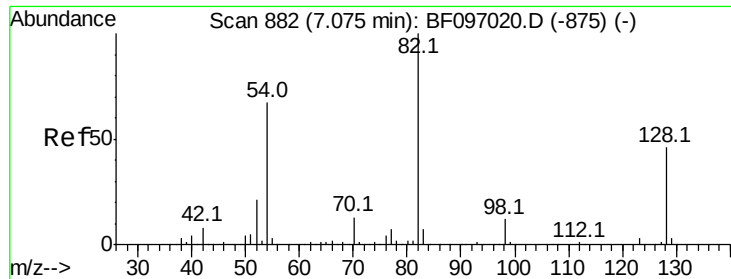
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#22
Acetophenone
Concen: 36.795 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438824		
71	3.2	2.8	4.2	
51	36.8	30.7	46.1	
120	21.5	17.4	26.0	





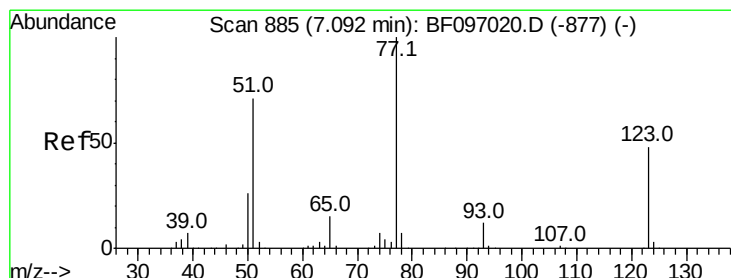
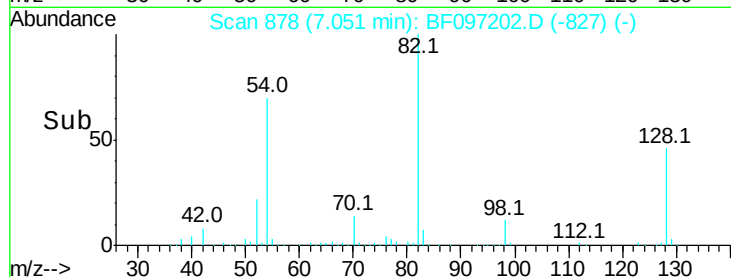
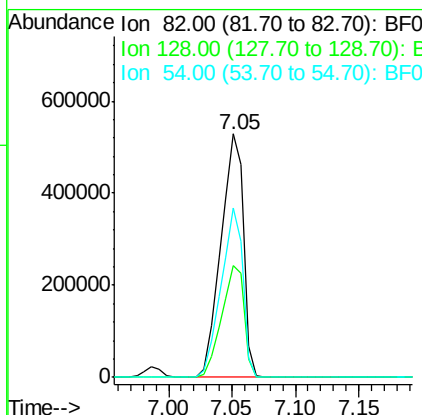
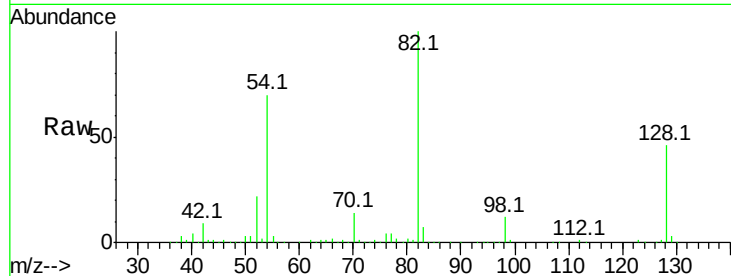
#23
Nitrobenzene-d5
Concen: 76.898 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	69.6	42.2	63.2

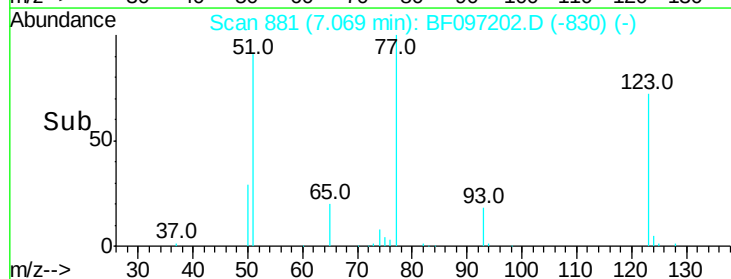
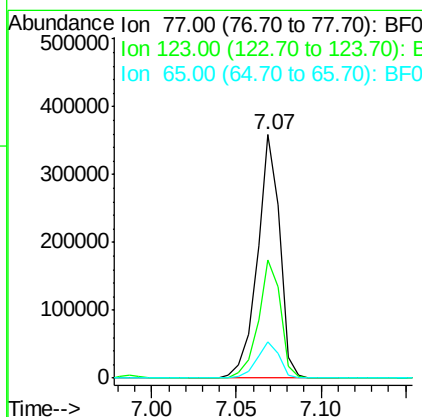
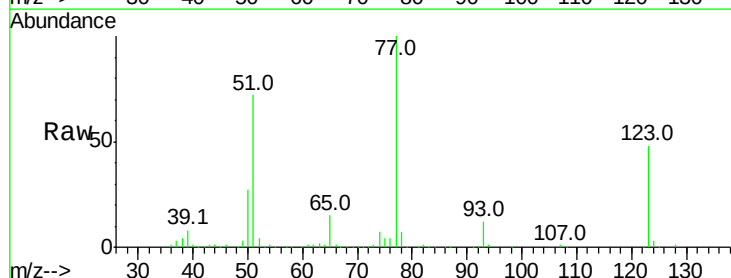
Manual Integrations
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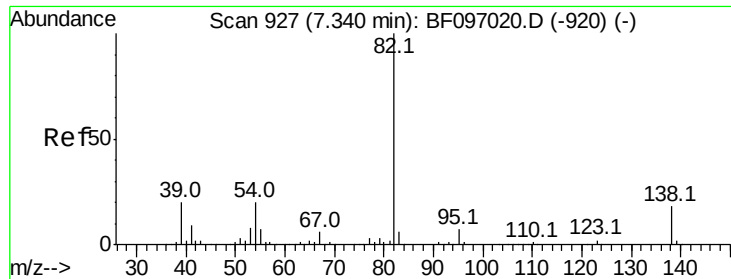
Sohil
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#24
Nitrobenzene
Concen: 37.221 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 41.977 ng

RT: 7.32 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

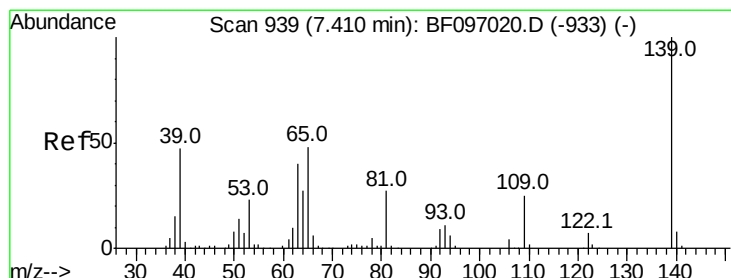
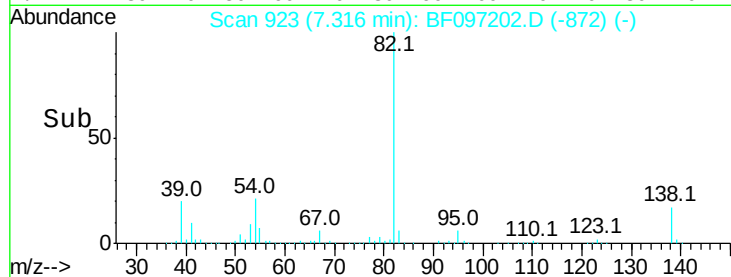
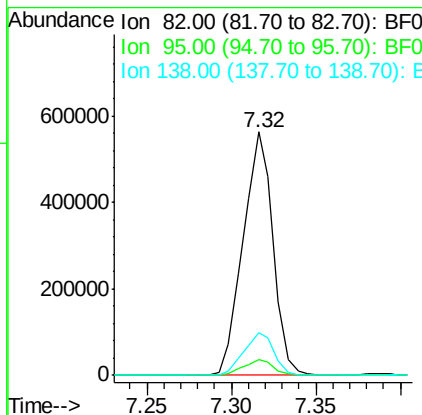
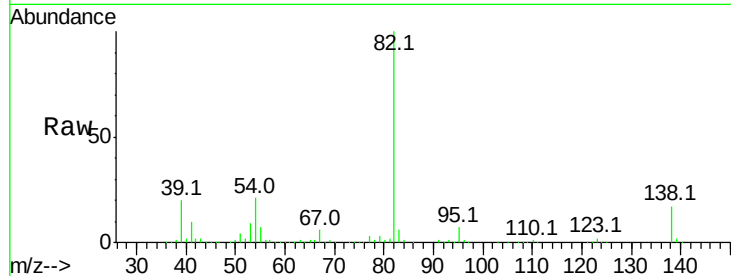
ClientSampleId :

PB101036BS

Tot Ion:	82	Resp:	695915
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	17.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.107 ng

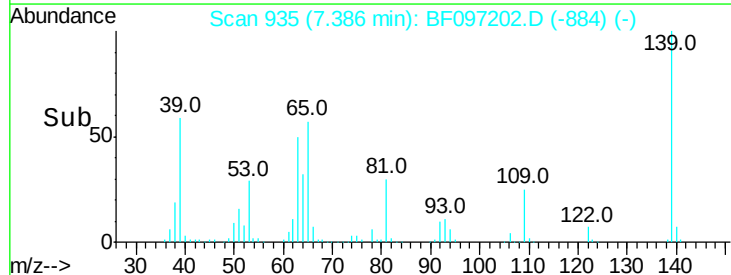
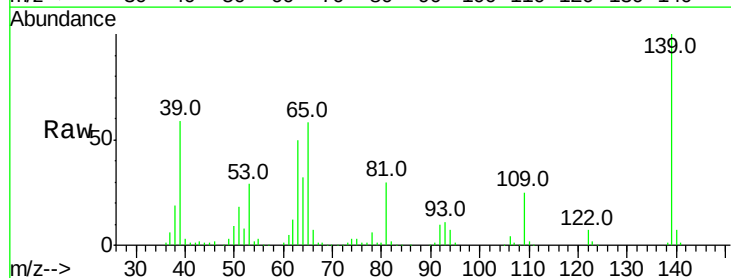
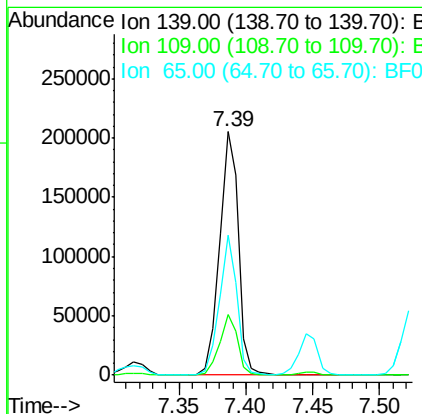
RT: 7.39 min Scan# 935

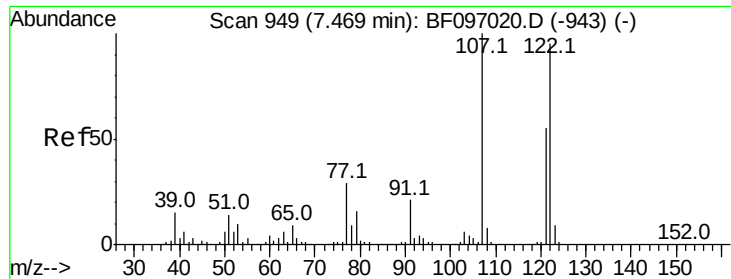
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	139	Resp:	205618
Ion Ratio	Lower	Upper	
139	100		
109	24.9	21.0	31.6
65	57.6	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 42.528 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

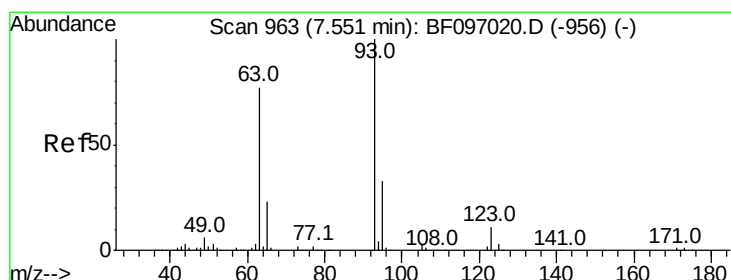
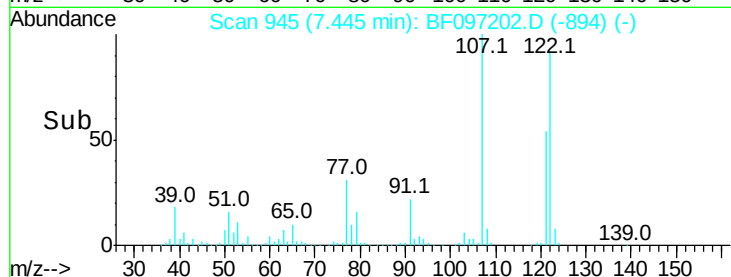
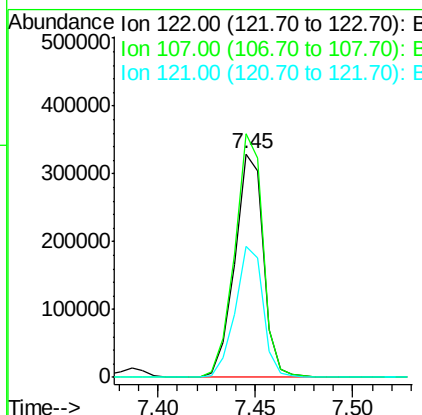
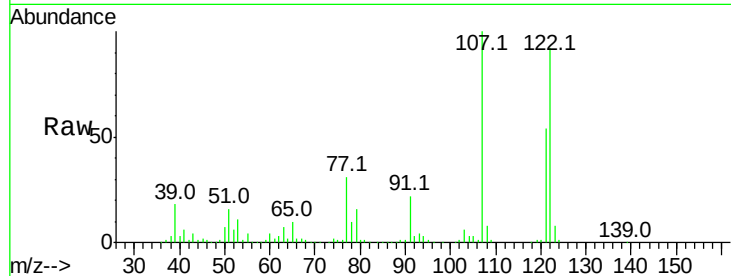
ClientSampleId :

PB101036BS

Tot Ion:	122	Resp:	334631
Ion Ratio	Lower	Upper	
122	100		
107	109.0	89.2	133.8
121	58.4	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.237 ng

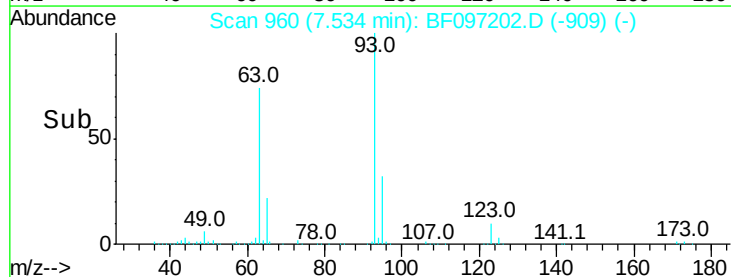
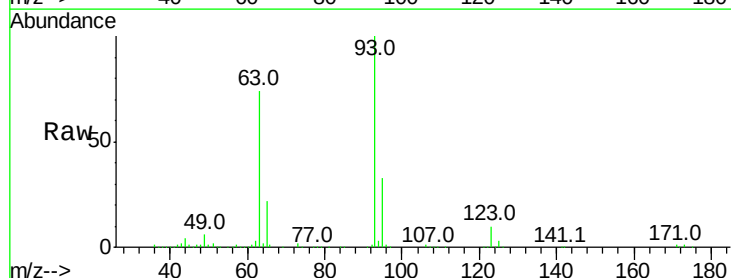
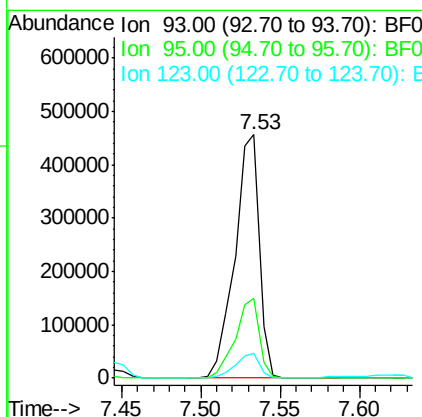
RT: 7.53 min Scan# 960

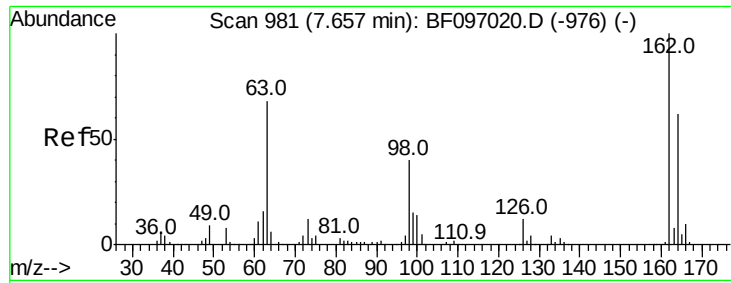
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	93	Resp:	489416
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	10.3	9.0	13.4





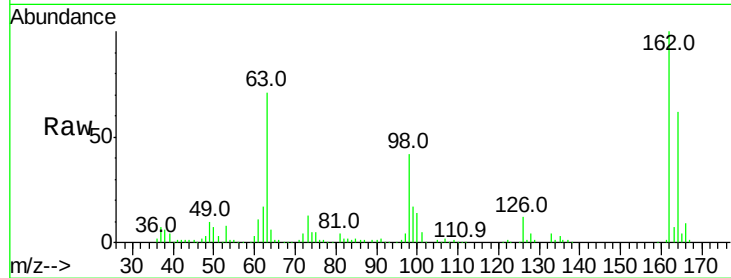
#29
2,4-Dichlorophenol
Concen: 45.805 ng
RT: 7.64 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

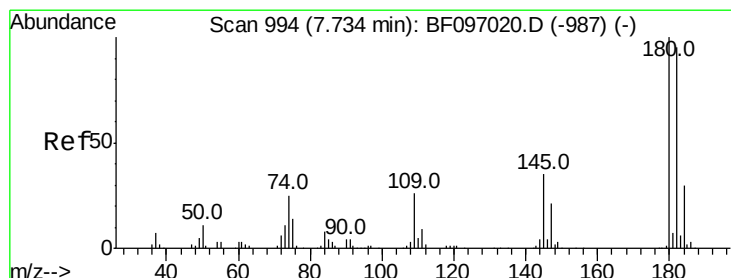
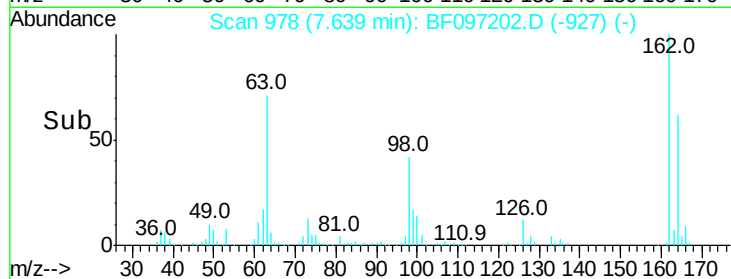
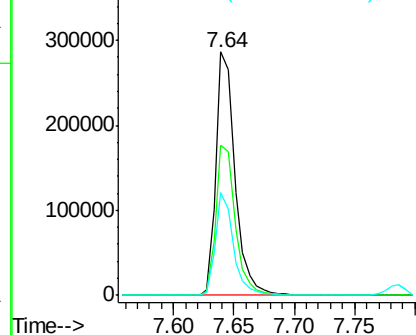
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.7	44.6	84.6
98	42.4	14.8	54.8

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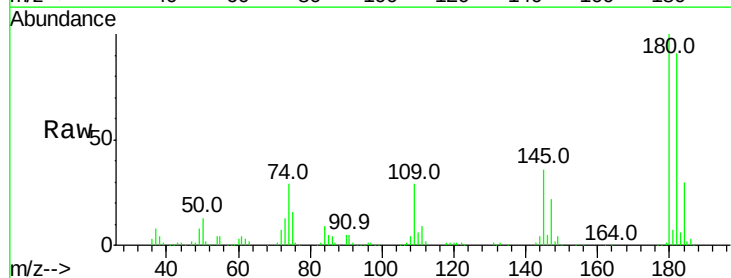


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

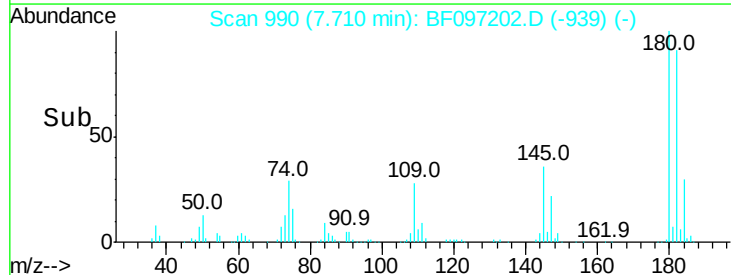
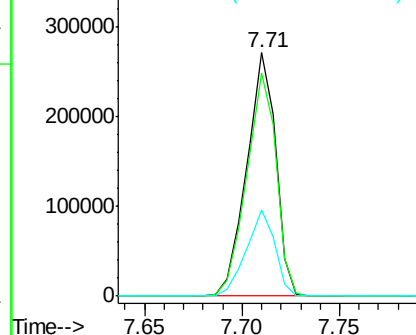


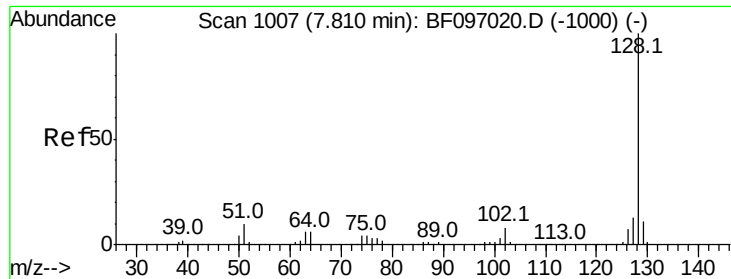
#30
1,2,4-Trichlorobenzene
Concen: 43.412 ng
RT: 7.71 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.4	75.8	113.6
145	35.7	25.3	37.9



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





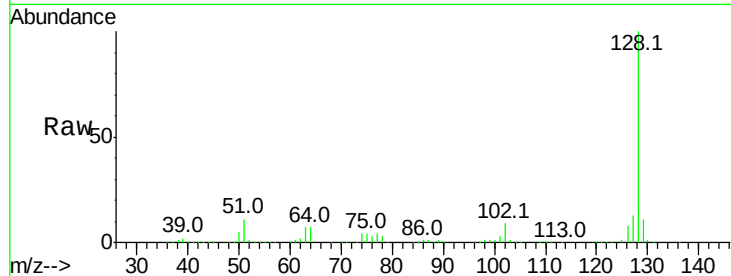
#31
Naphthalene
Concen: 44.525 ng
RT: 7.79 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

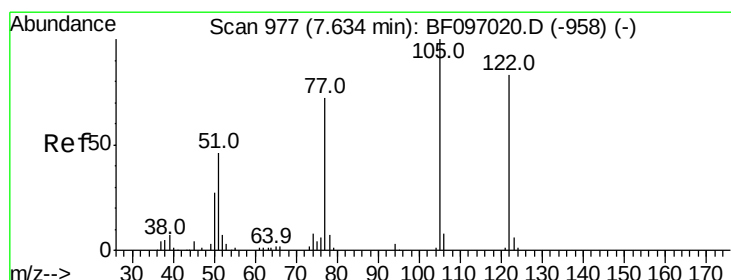
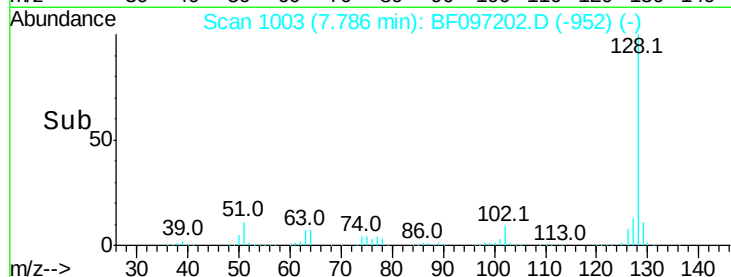
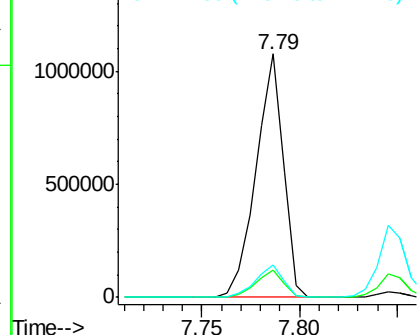
Tot Ion:128 Resp: 1042336
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

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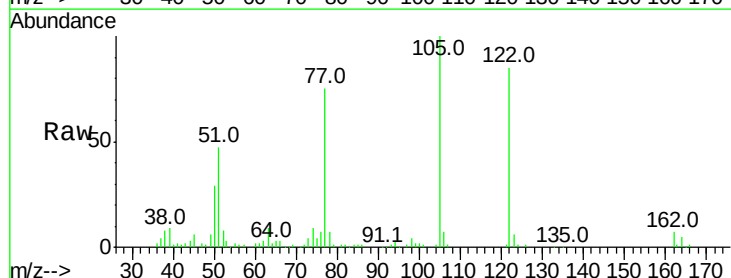


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

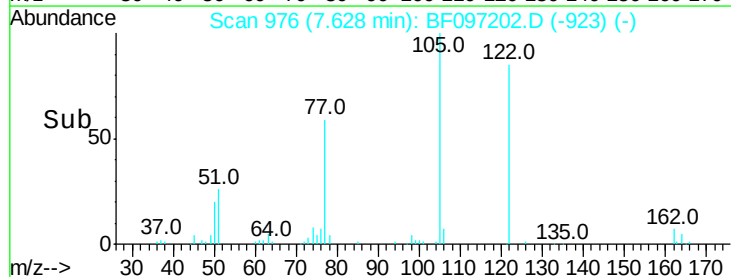
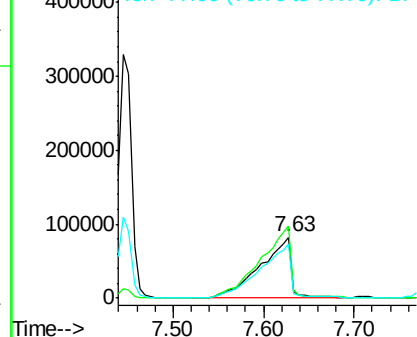


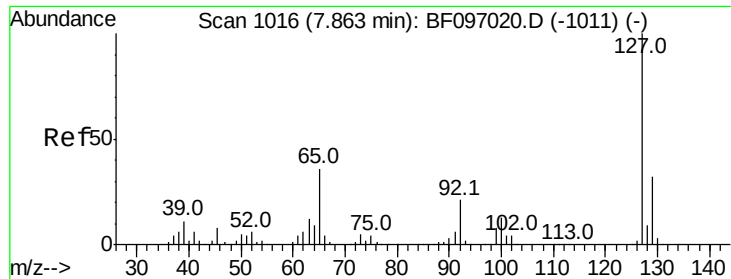
#32
Benzoic acid
Concen: 33.254 ng
RT: 7.63 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:122 Resp: 195383
Ion Ratio Lower Upper
122 100
105 118.0 103.3 143.3
77 88.9 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





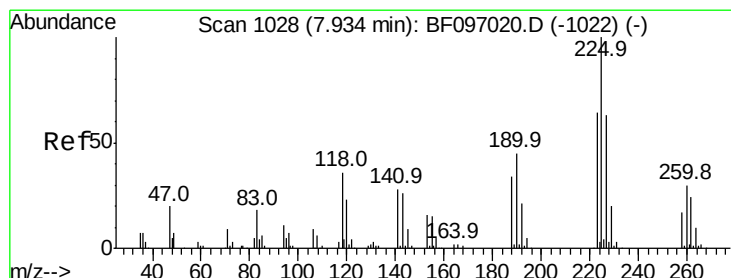
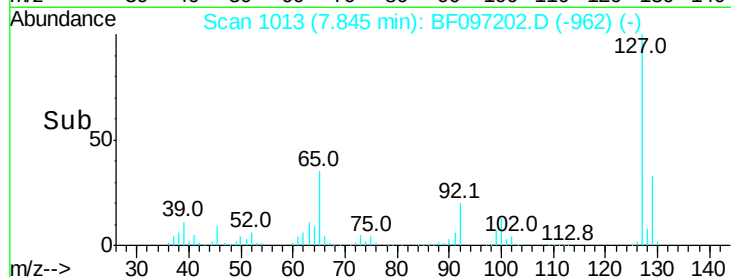
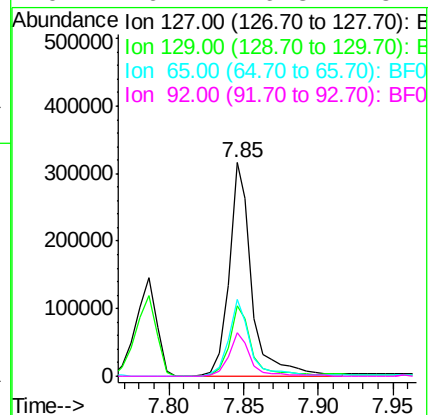
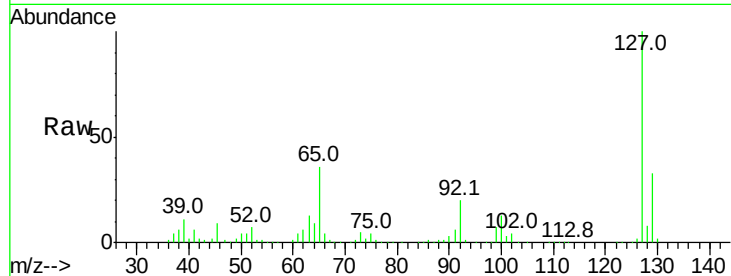
#33
4-Chloroaniline
Concen: 35.409 ng
RT: 7.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	35.9	27.8	41.8
92	20.2	16.8	25.2

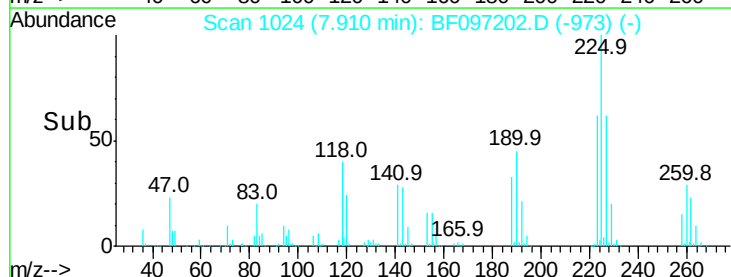
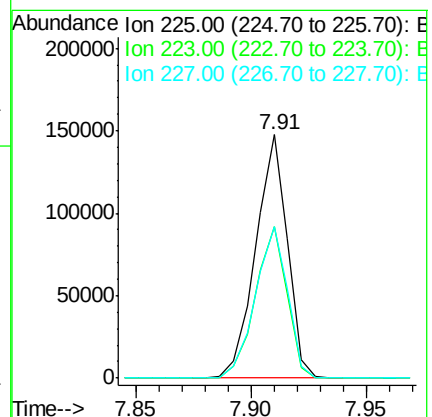
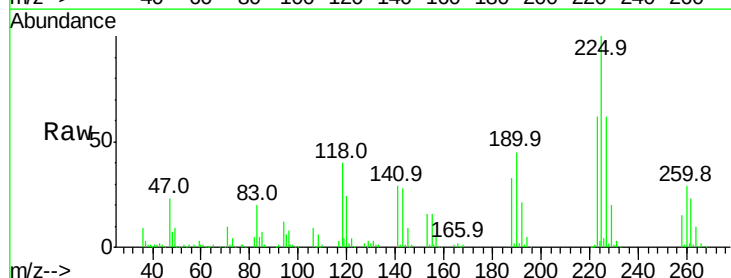
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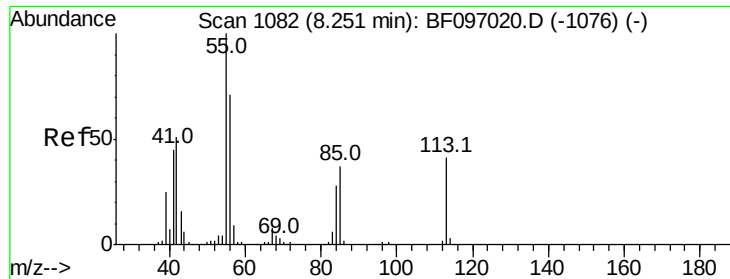
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#34
Hexachlorobutadiene
Concen: 41.213 ng
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	62.1	51.1	76.7





#35

Caprolactam

Concen: 46.748 ng/ml

RT: 8.25 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

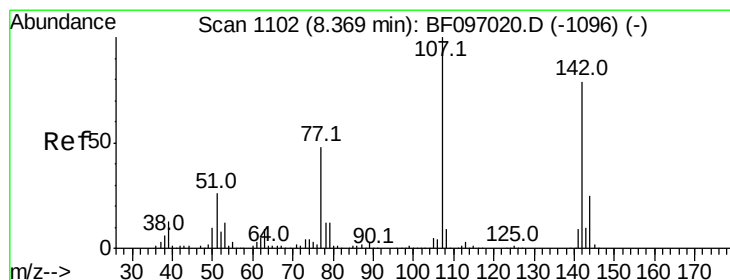
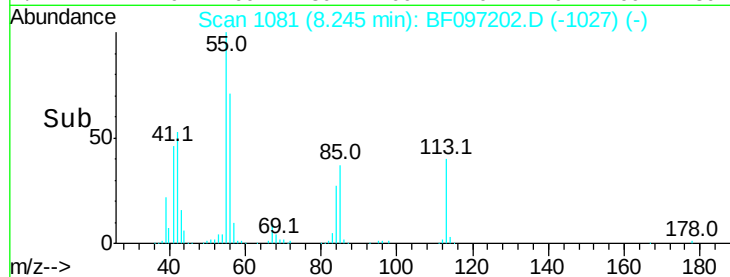
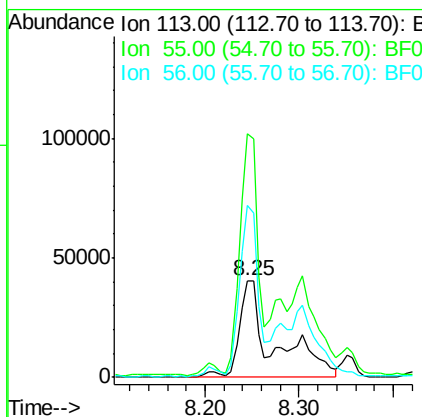
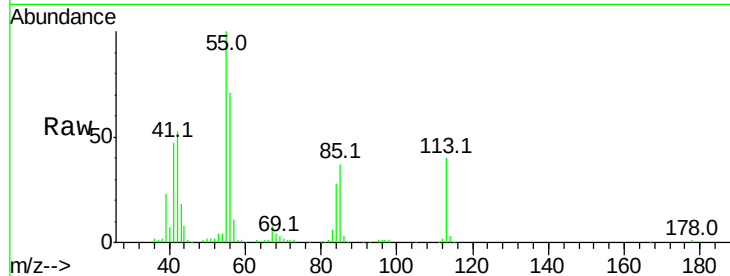
ClientSampled :

PB101036BS

Tot Ion:	113	Resp:	101612
Ion Ratio	Lower	Upper	
113	100		
55	251.2	150.2	190.2#
56	177.8	107.8	147.8#

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#36

4-Chloro-3-methylphenol

Concen: 43.182 ng/ml

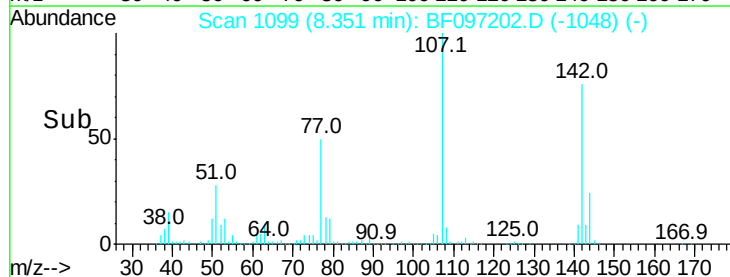
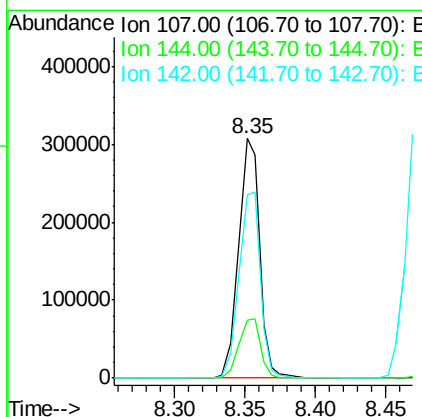
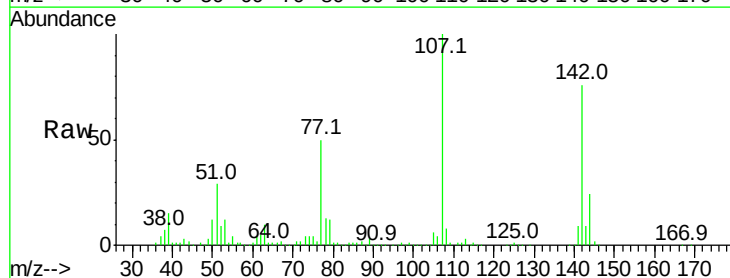
RT: 8.35 min Scan# 1099

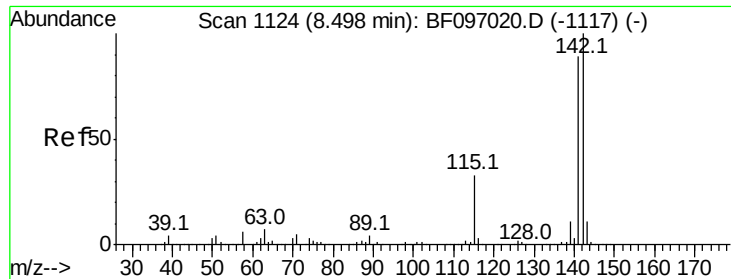
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	107	Resp:	319344
Ion Ratio	Lower	Upper	
107	100		
144	24.2	24.2	36.4#
142	76.4	73.4	110.0





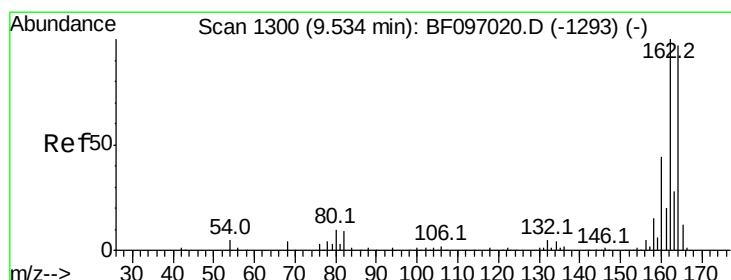
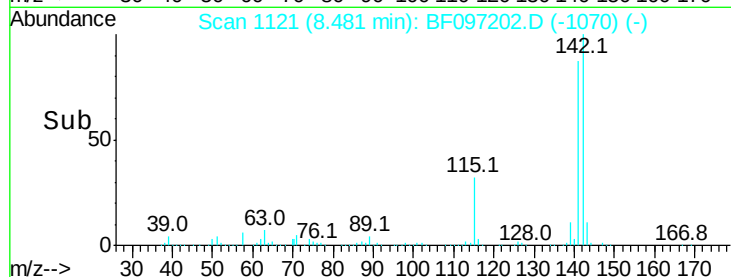
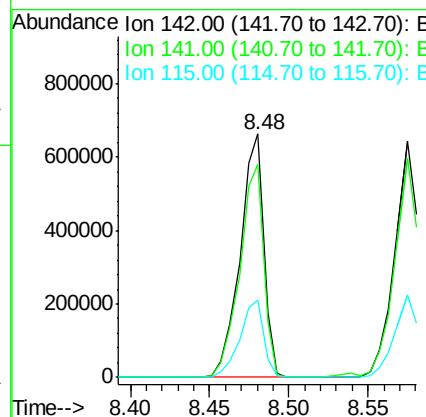
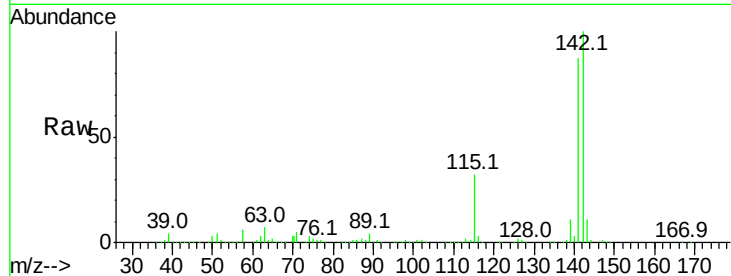
#37
 2-Methylnaphthalene
 Concen: 46.238 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.3	106.9
115	31.7	27.1	40.7

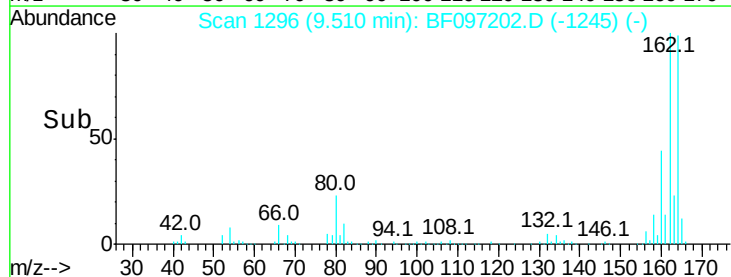
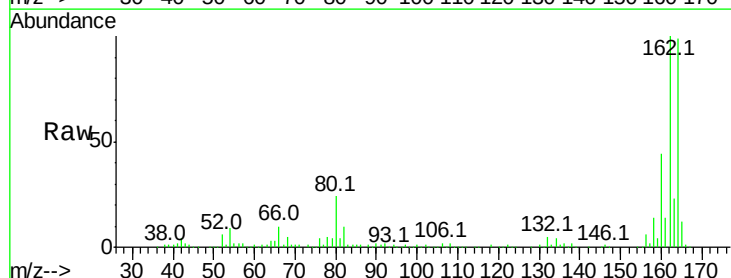
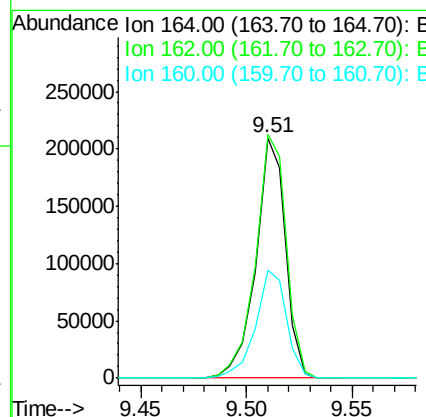
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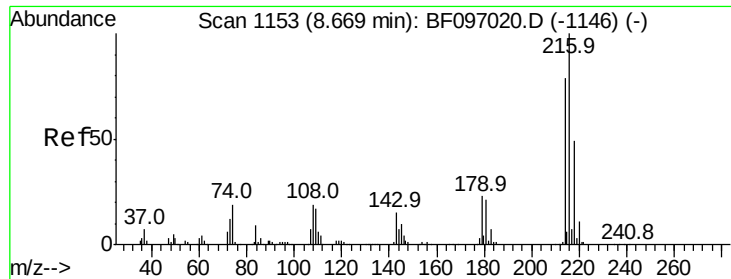
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	45.1	36.2	54.2





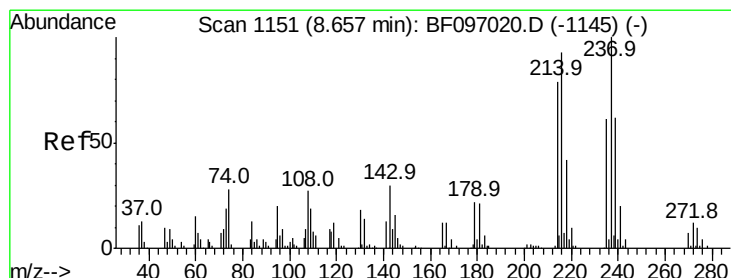
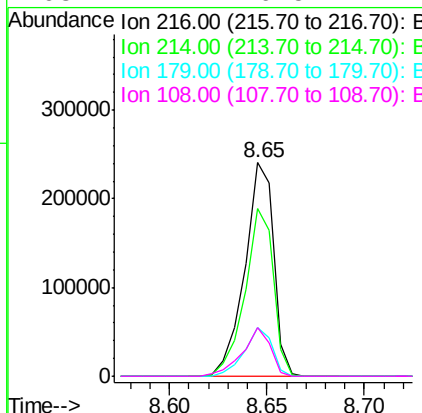
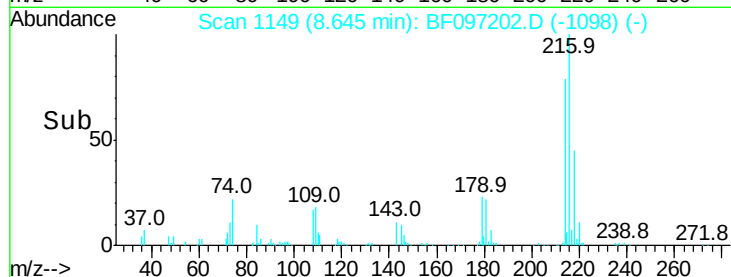
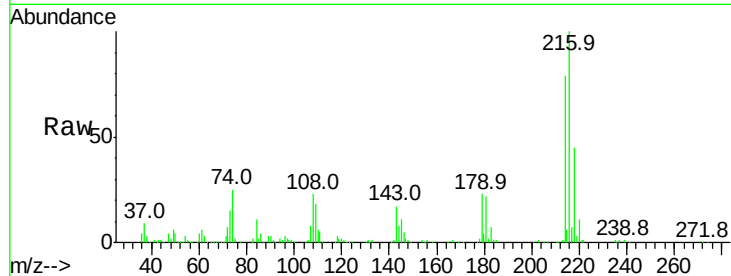
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.269 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246212		
214	77.6	63.4	95.2	
179	22.1	17.9	26.9	
108	22.4	16.5	24.7	

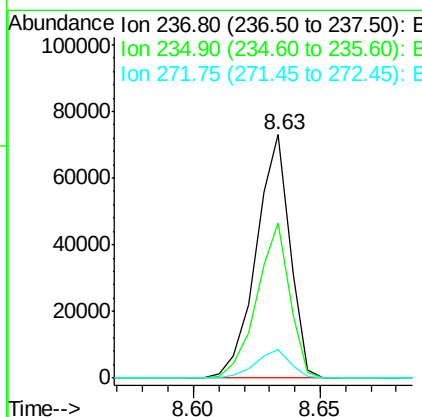
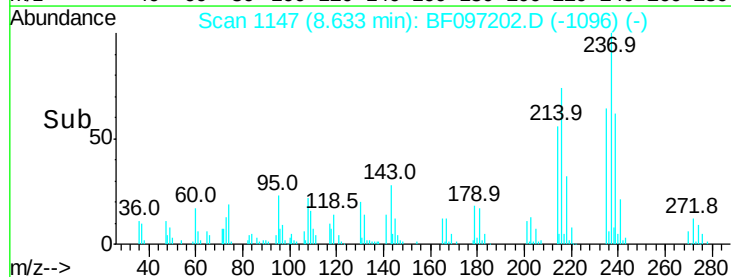
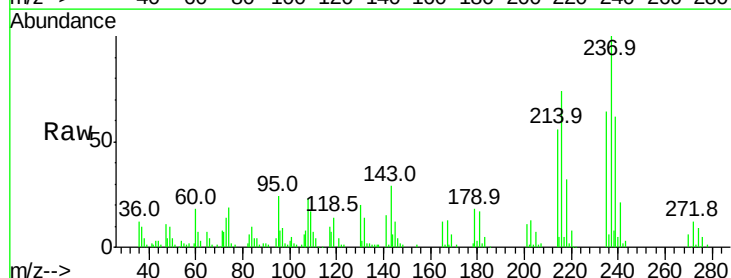
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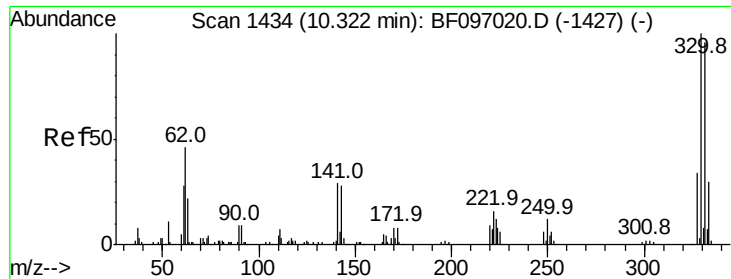
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#40
 Hexachlorocyclopentadiene
 Concen: 39.254 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	67699		
235	64.0	42.6	82.6	
272	11.9	0.0	31.9	





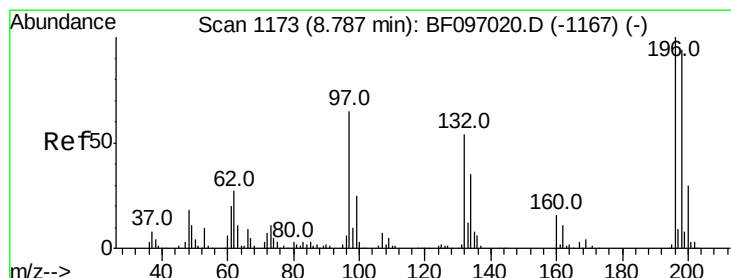
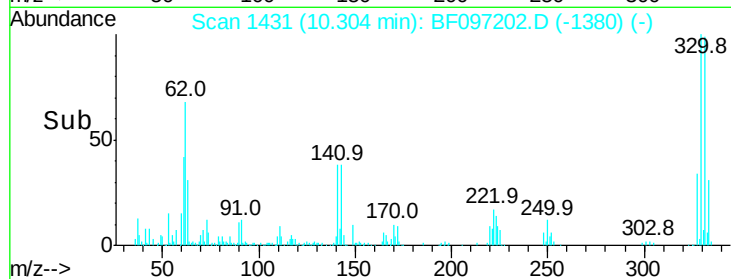
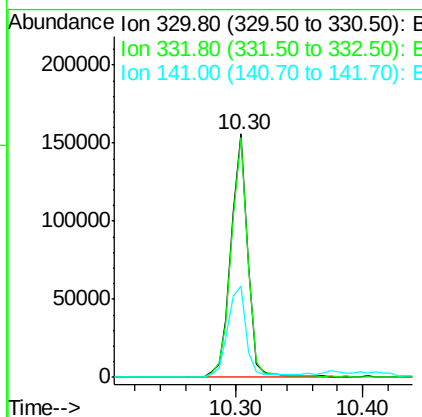
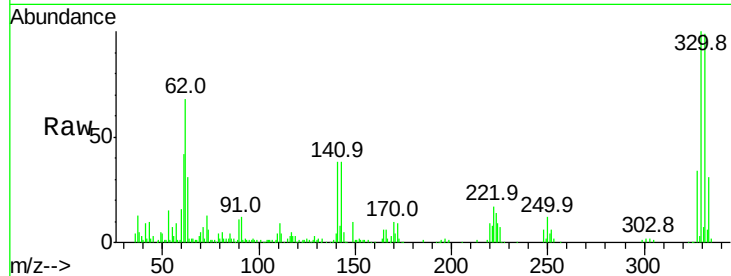
#41
 2,4,6-Tribromophenol
 Concen: 88.656 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142781		
332	97.3	76.6	115.0	
141	41.3	31.4	47.2	

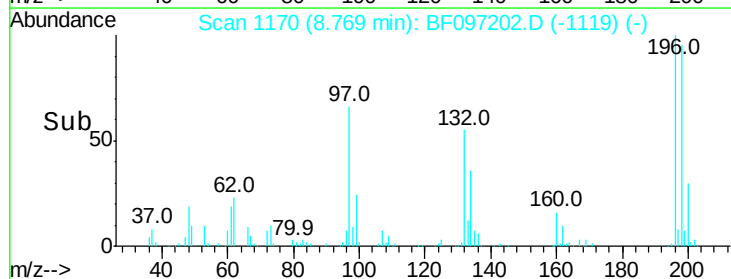
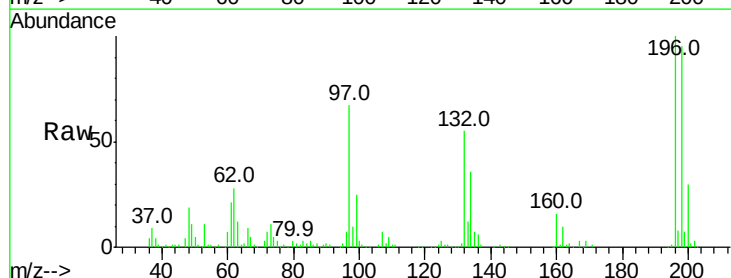
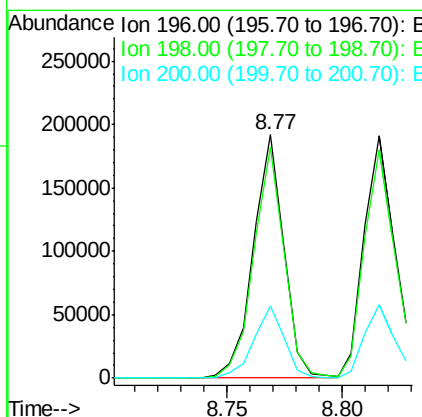
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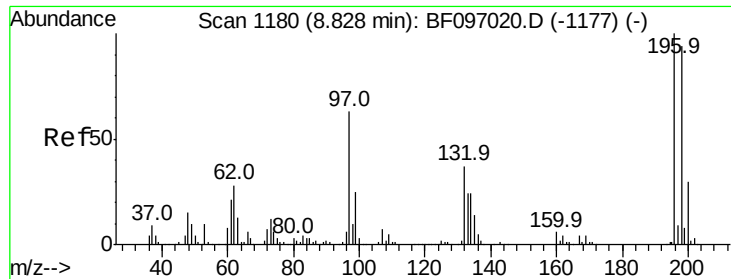
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#42
 2,4,6-Trichlorophenol
 Concen: 45.161 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177999		
198	94.7	74.2	111.4	
200	29.6	24.0	36.0	





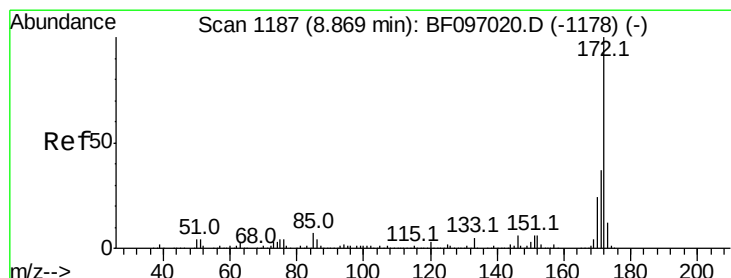
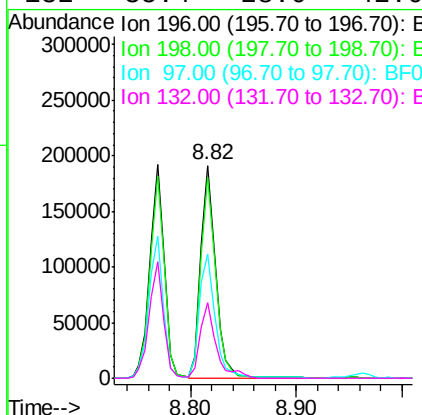
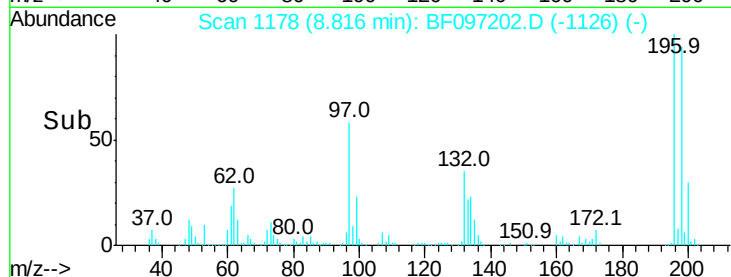
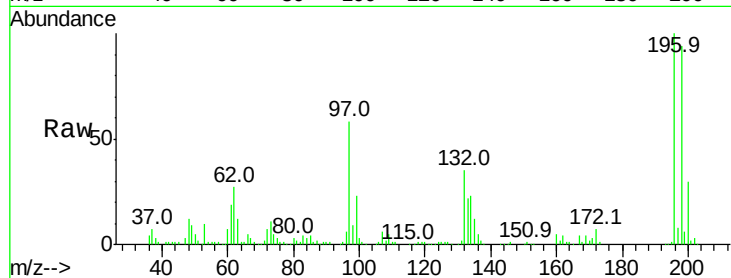
#43
 2,4,5-Trichlorophenol
 Concen: 47.189 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		186162		
198	94.2		75.7	113.5	
97	58.2		47.7	71.5	
132	35.4		28.0	42.0	

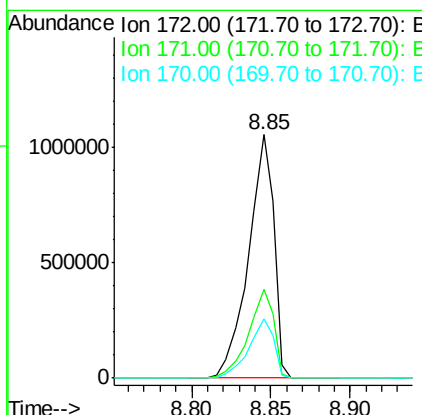
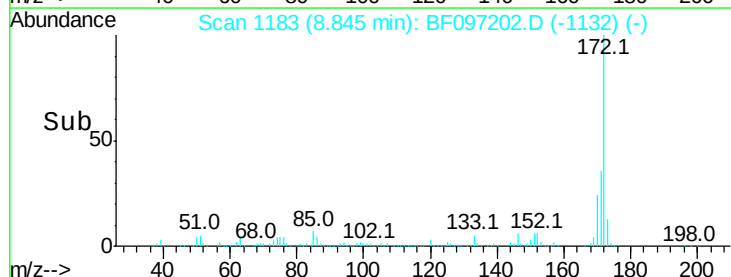
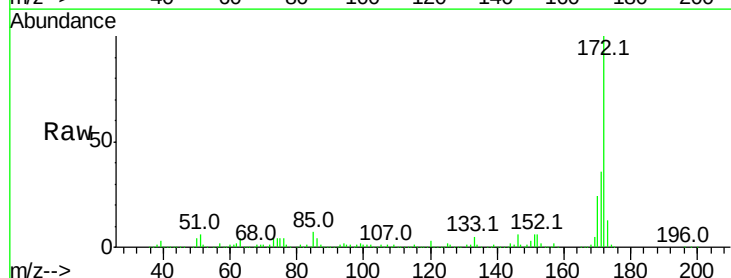
Manual Integrations
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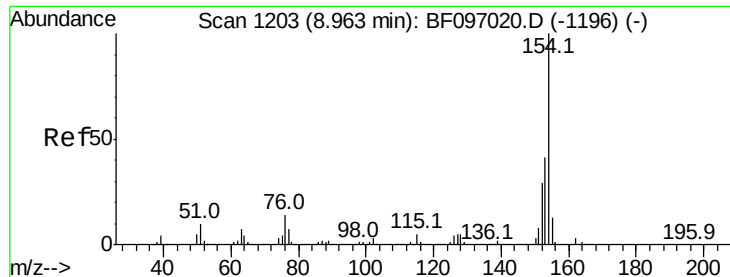
Sohil
 8/1/2017 5:44:22 PM



#44
 2-Fluorobiphenyl
 Concen: 97.256 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1168137		
171	36.3		29.6	44.4	
170	24.5		19.8	29.8	





#45

1,1'-Biphenyl

Concen: 43.338 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

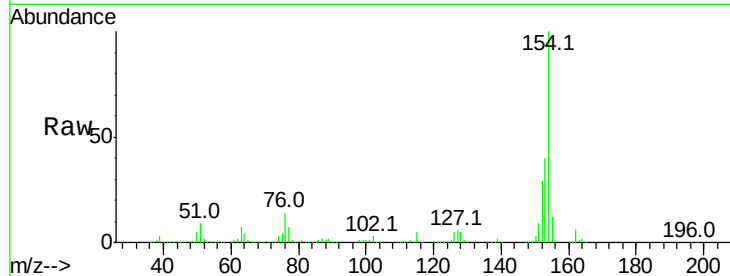
ClientSampled :

PB101036BS

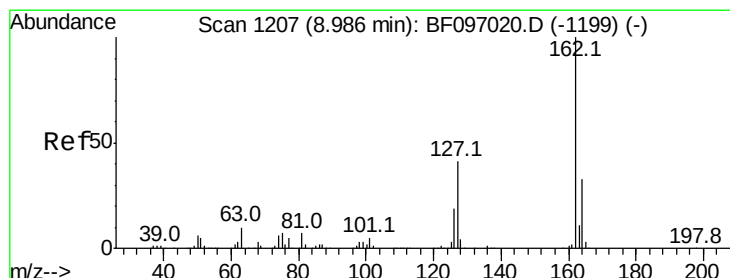
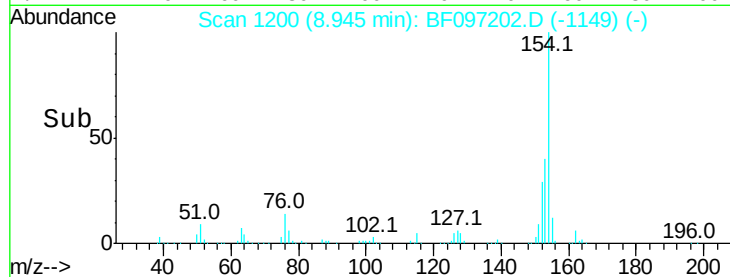
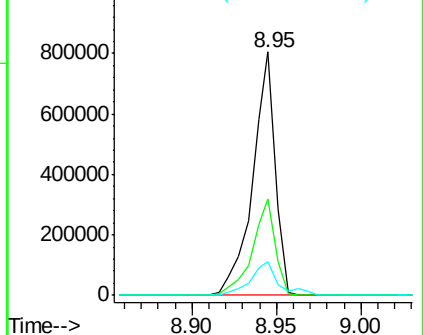
Tot Ion:	154	Resp:	754543
Ion Ratio	Lower	Upper	
154	100		
153	39.8	21.2	61.2
76	13.7	0.0	29.9

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8/1/2017 5:44:22 PM



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: 45.921 ng

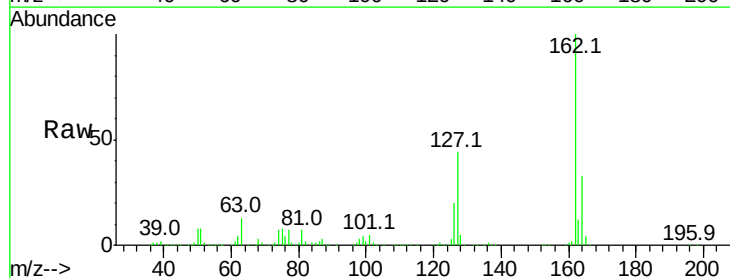
RT: 8.96 min Scan# 1203

Delta R.T. -0.00 min

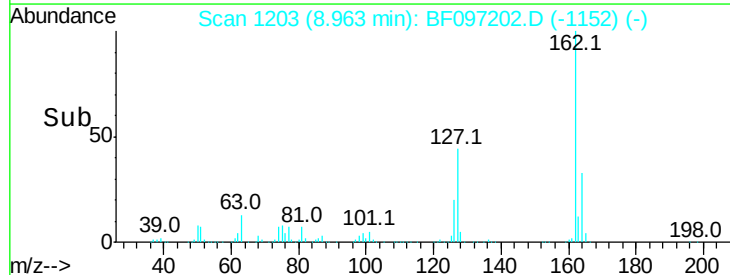
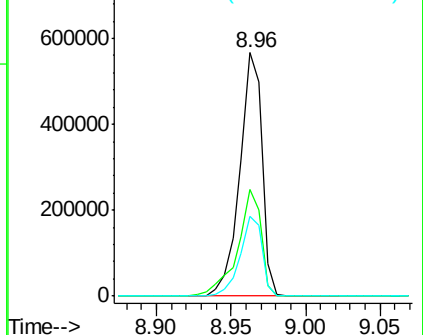
Lab File: BF097202.D

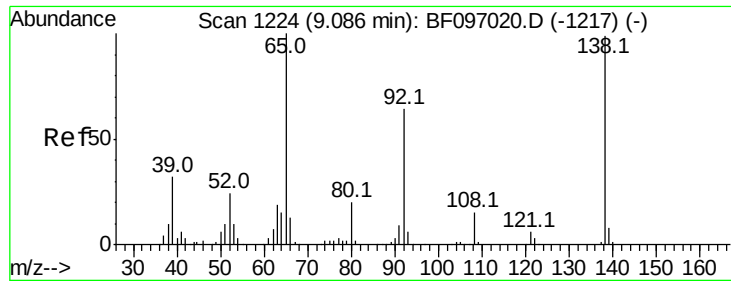
Acq: 31 Jul 2017 12:39

Tgt Ion:	162	Resp:	588349
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





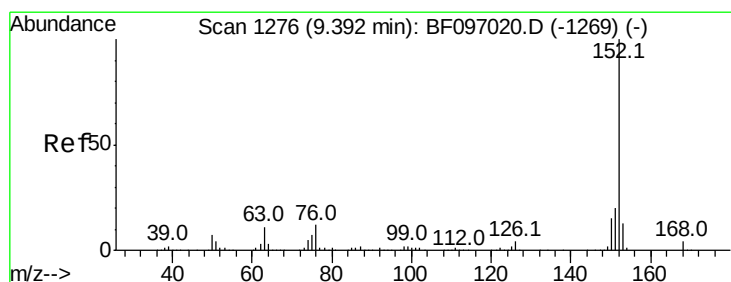
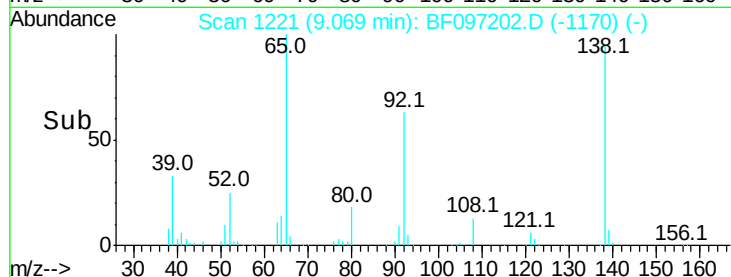
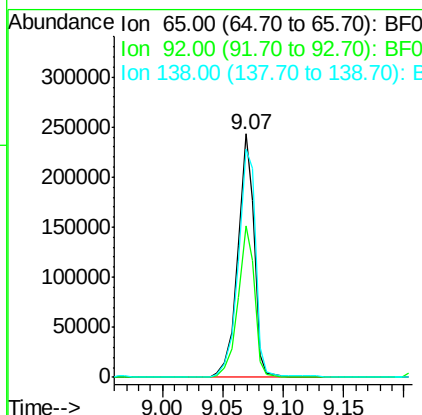
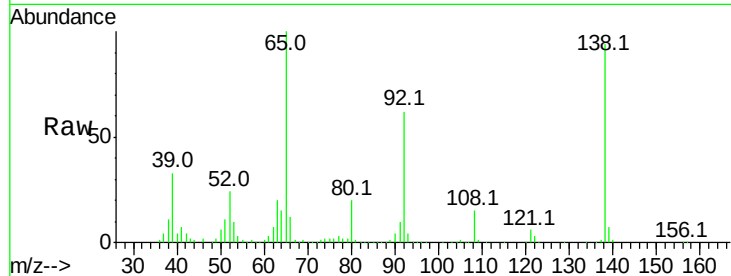
#47
2-Nitroaniline
Concen: 49.646 ng
RT: 9.07 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.1	53.9	80.9
138	93.7	78.8	118.2

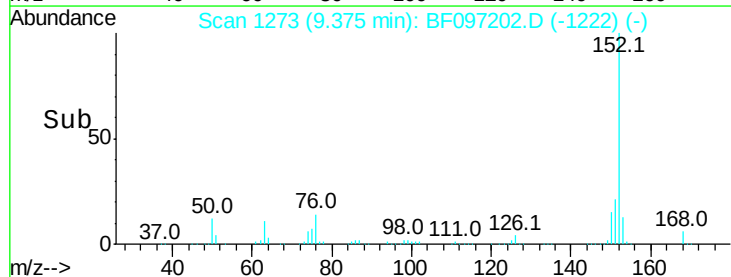
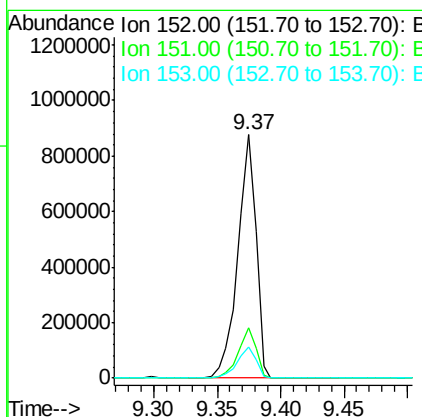
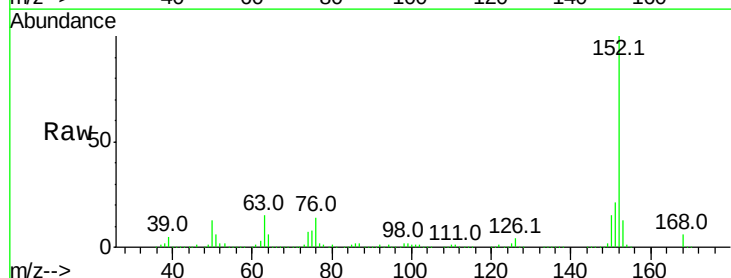
Manual Integrations
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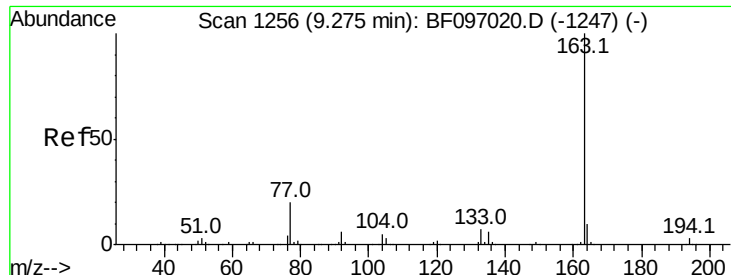
Sohil
8/1/2017 5:44:22 PM



#48
Acenaphthylene
Concen: 43.834 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.0	10.8	16.2





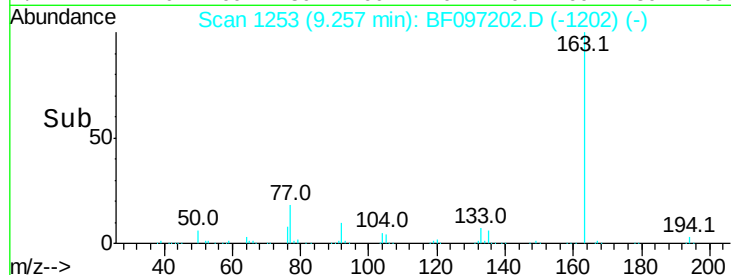
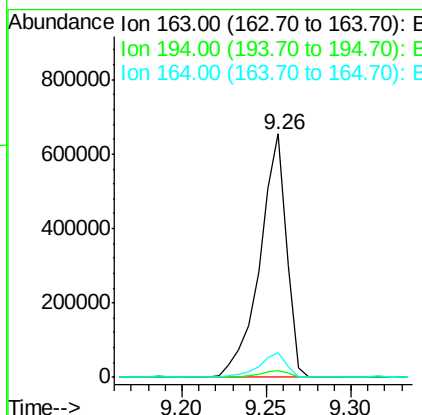
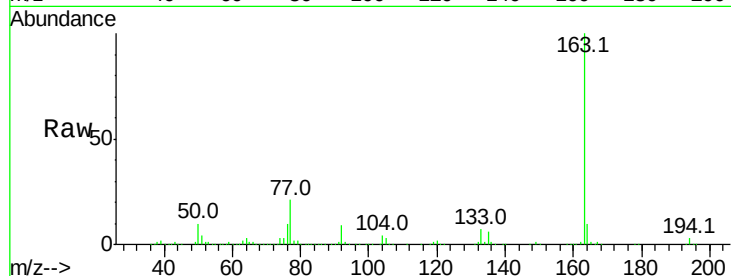
#49
Dimethylphthalate
Concen: 46.085 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	2.9		2.6	4.0
164	9.9		8.4	12.6

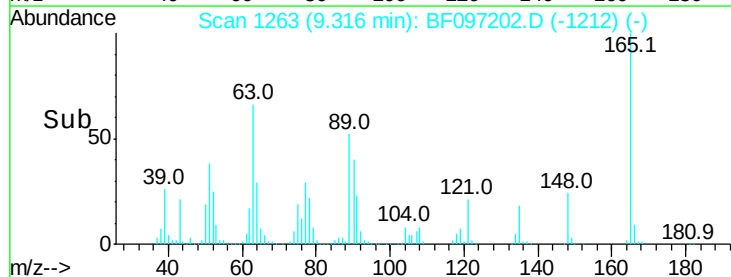
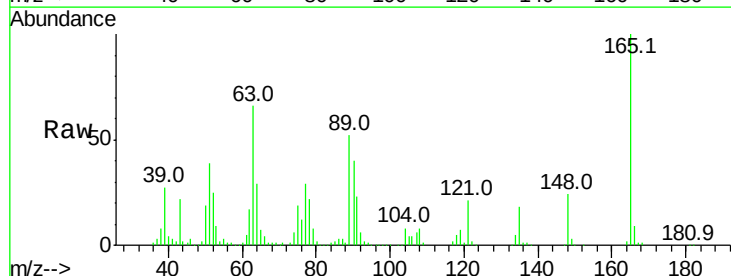
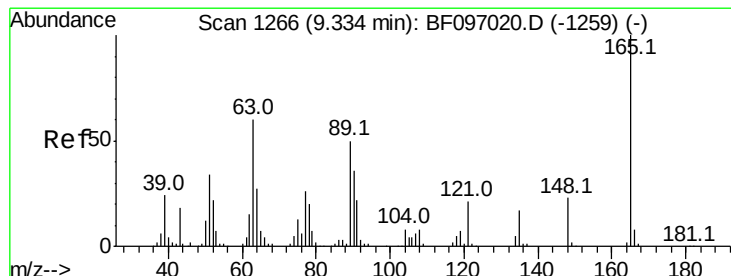
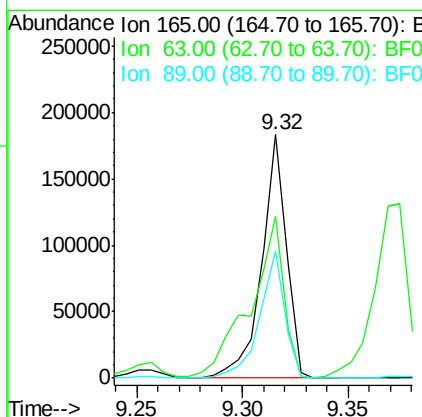
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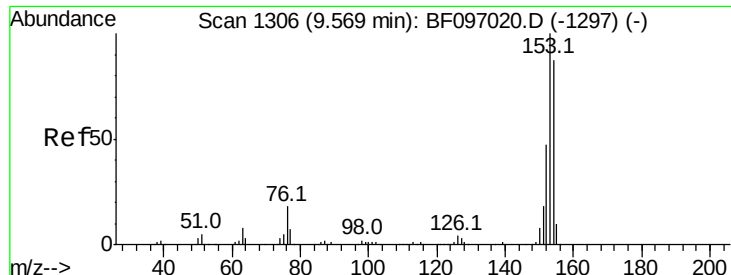
Sohil
8/1/2017 5:44:22 PM



#50
2,6-Dinitrotoluene
Concen: 45.489 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2		34.3	51.5#
89	52.4		37.1	55.7





#51

Acenaphthene

Concen: 44.780 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

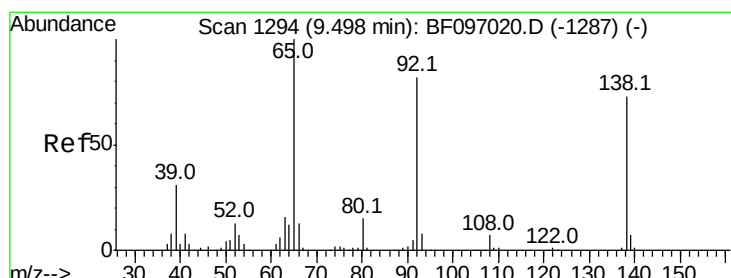
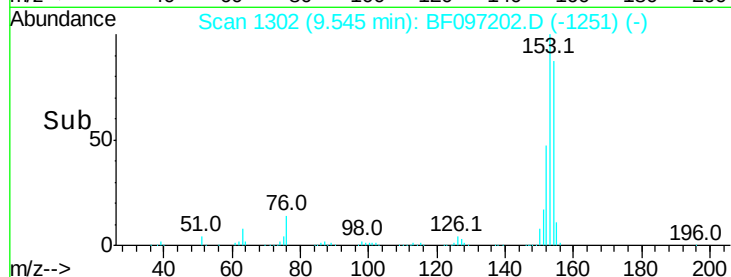
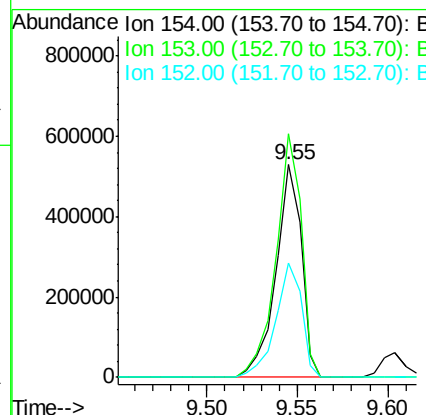
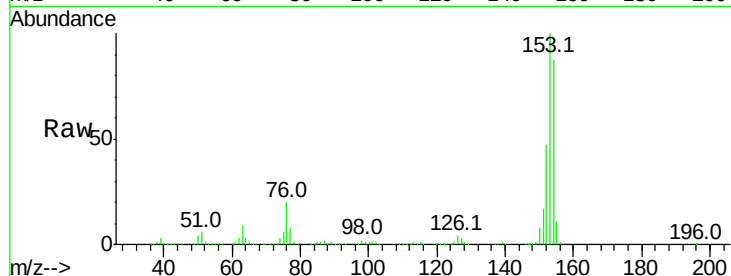
ClientSampleId :

PB101036BS

Tot Ion:	154	Resp:	518724
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.5	135.7
152	53.6	43.6	65.4

Manual Integrations
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8/1/2017 5:44:22 PM



#52

3-Nitroaniline

Concen: 38.904 ng

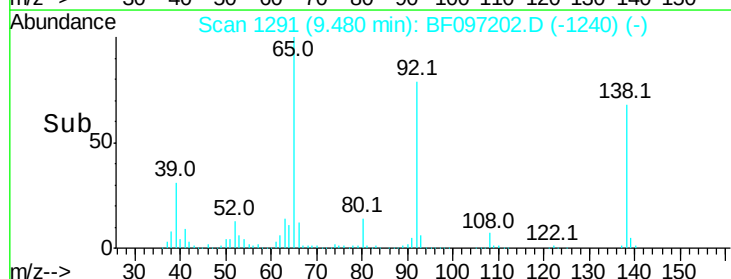
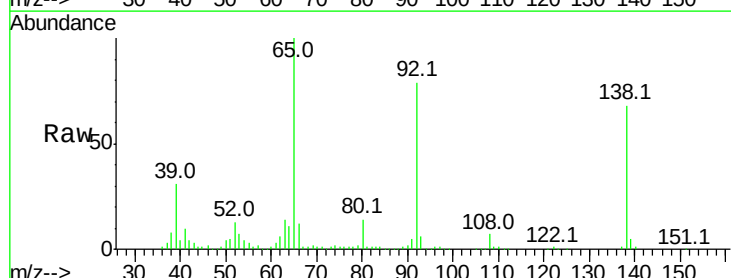
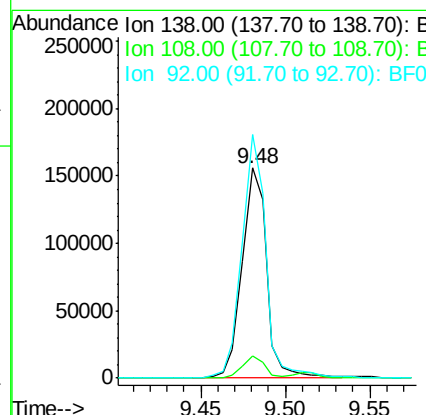
RT: 9.48 min Scan# 1291

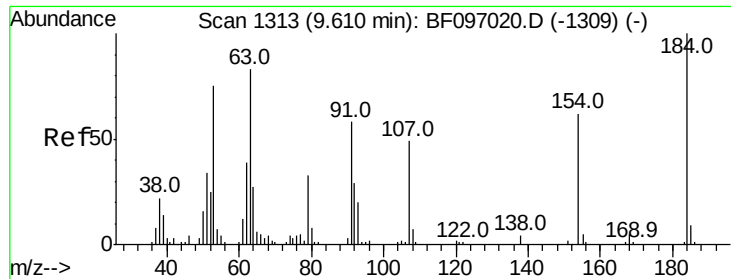
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	138	Resp:	158533
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.1	13.7
92	115.8	93.8	140.6





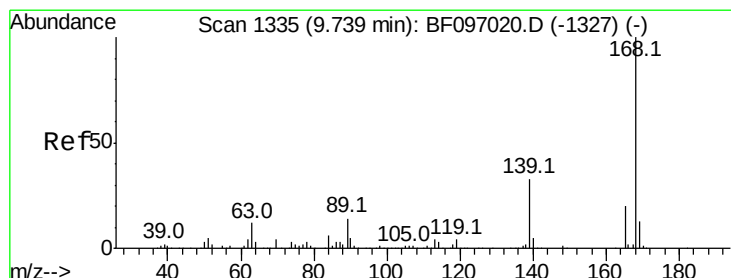
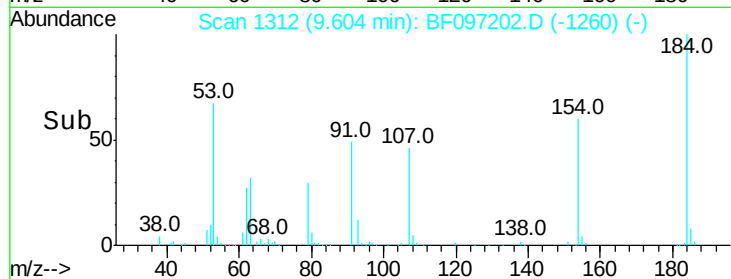
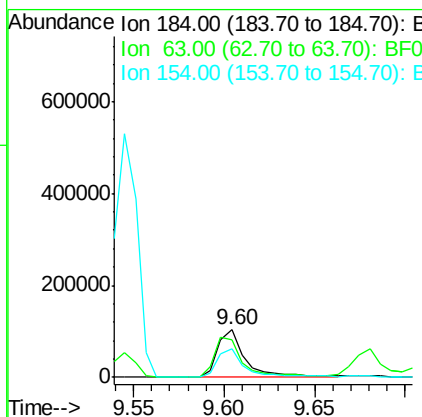
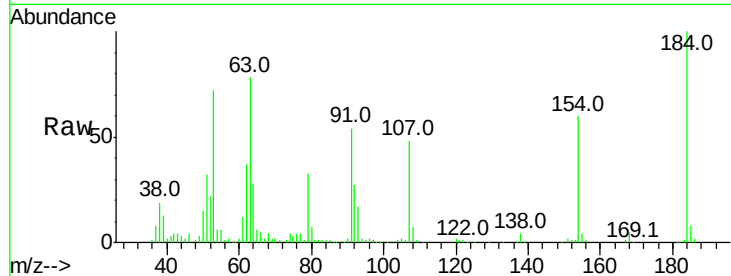
#53
 2,4-Dinitrophenol
 Concen: 75.045 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.6	62.7	94.1	
154	60.2	81.1	121.7	

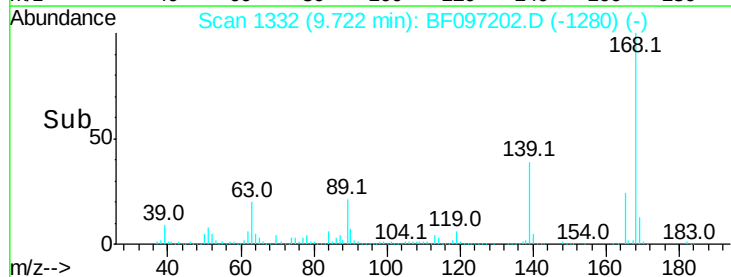
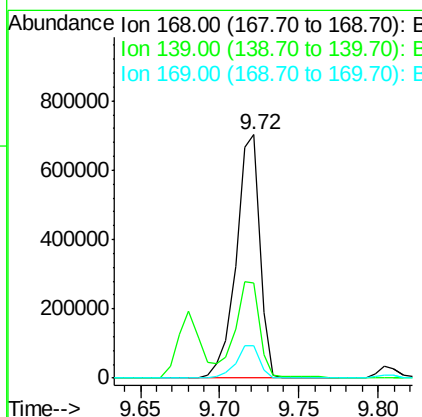
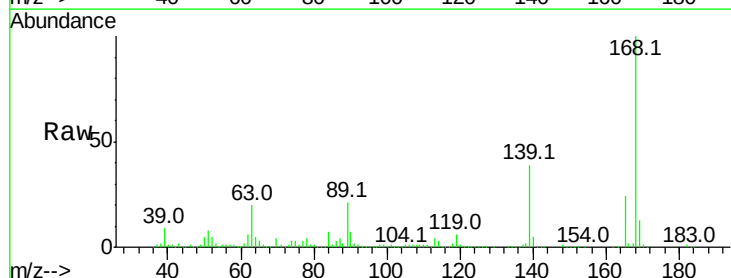
Manual Integrations
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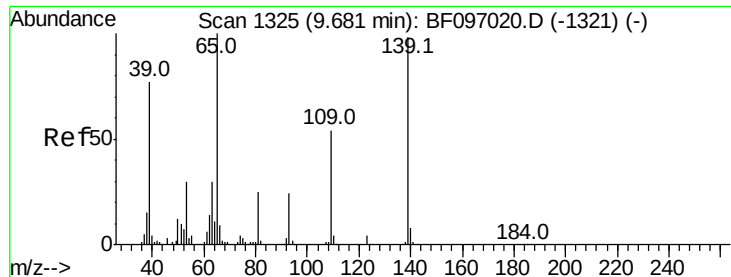
Sohil
 8/1/2017 5:44:22 PM



#54
 Dibenzofuran
 Concen: 46.957 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	30.6	45.8	
169	13.3	10.8	16.2	





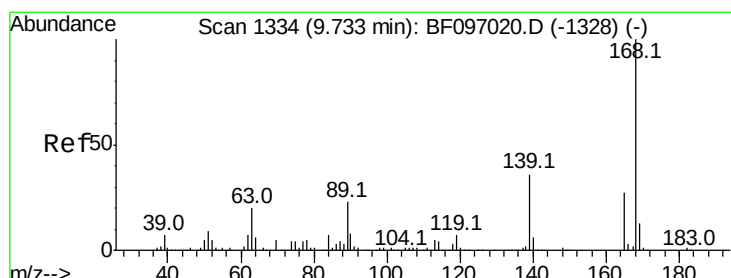
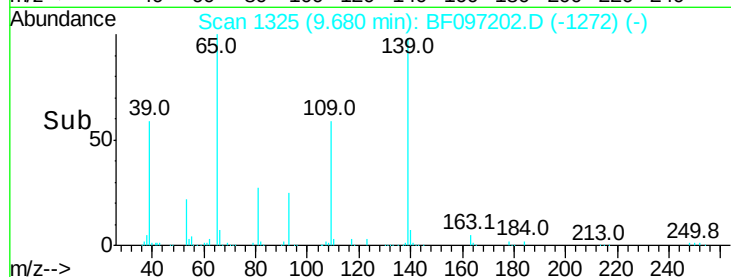
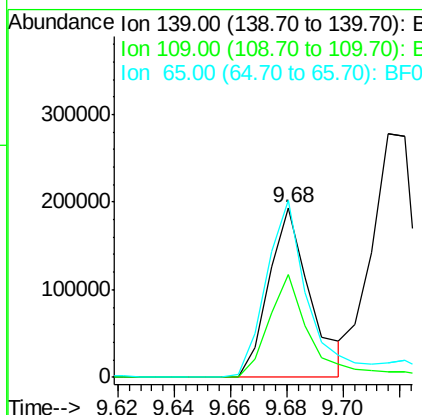
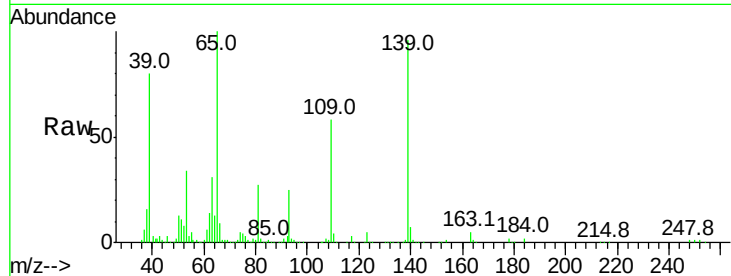
#55
4-Nitrophenol
Concen: 81.186 ng
RT: 9.68 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.6	34.1	74.1	
65	104.3	31.4	71.4	

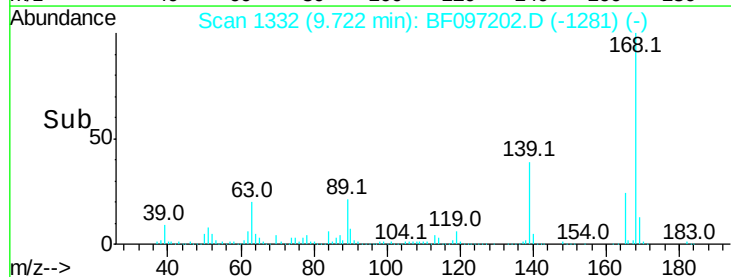
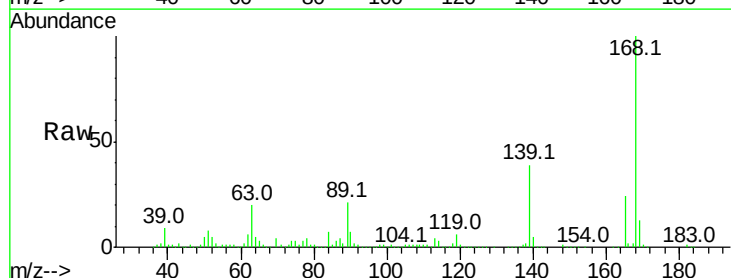
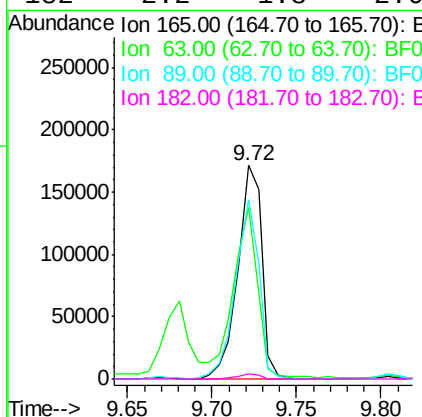
Manual Integrations
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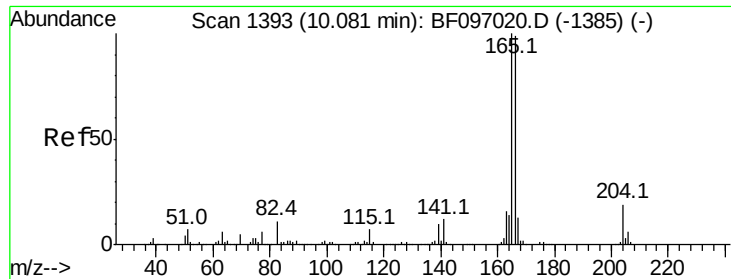
Sohil
8/1/2017 5:44:22 PM



#56
2,4-Dinitrotoluene
Concen: 45.041 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	80.3	25.4	38.0	
89	84.2	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 45.679 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

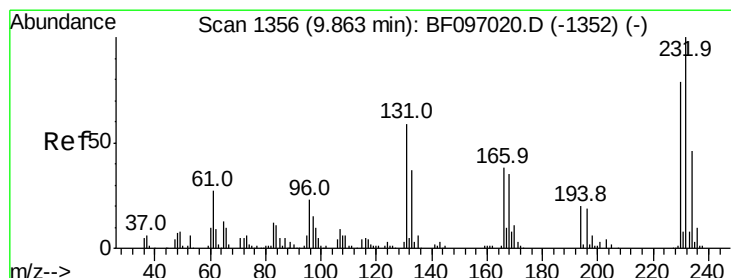
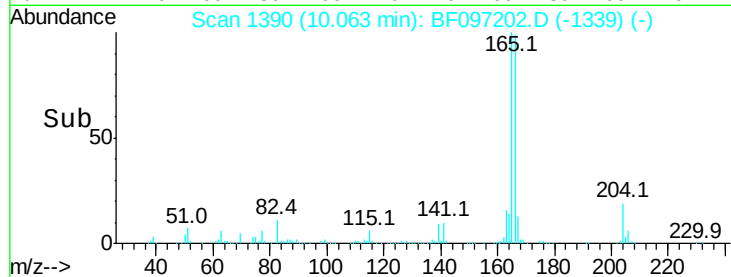
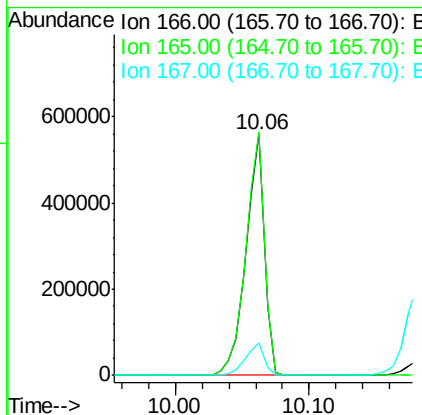
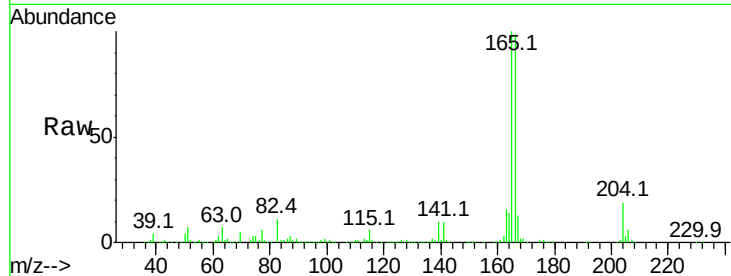
ClientSampleId :

PB101036BS

Tot Ion:	166	Resp:	529720
Ion Ratio	Lower	Upper	
166	100		
165	101.2	78.8	118.2
167	13.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
8/1/2017 5:44:22 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.858 ng

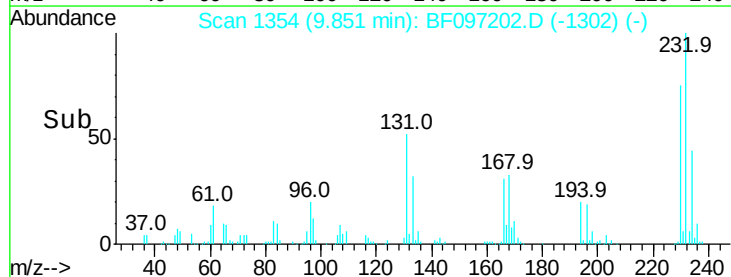
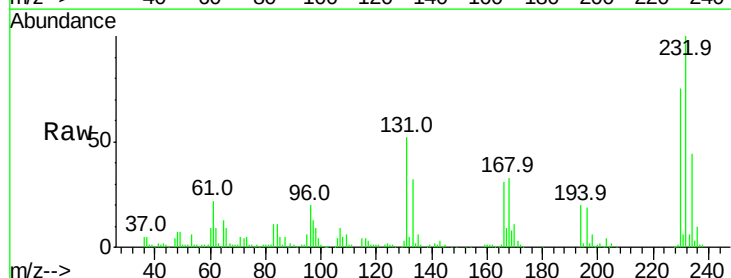
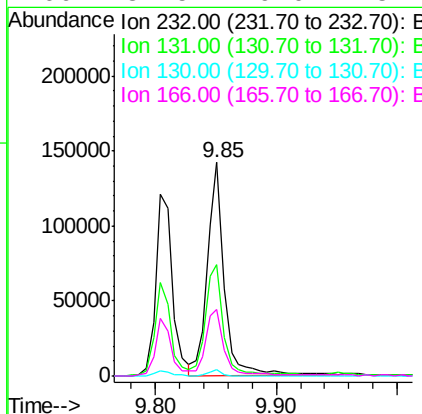
RT: 9.85 min Scan# 1354

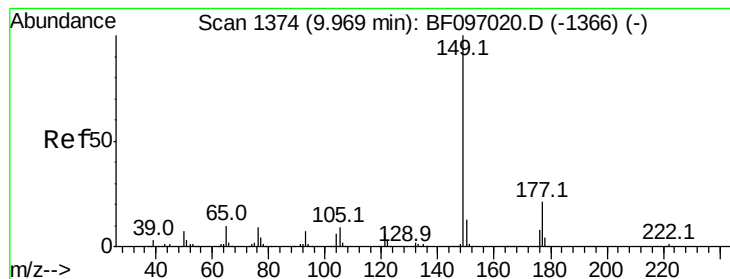
Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	232	Resp:	135809
Ion Ratio	Lower	Upper	
232	100		
131	57.7	44.8	67.2
130	2.6	2.3	3.5
166	32.5	29.0	43.4





#59

Diethylphthalate

Concen: 45.651 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

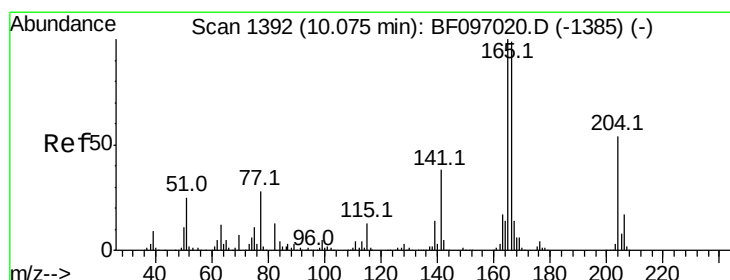
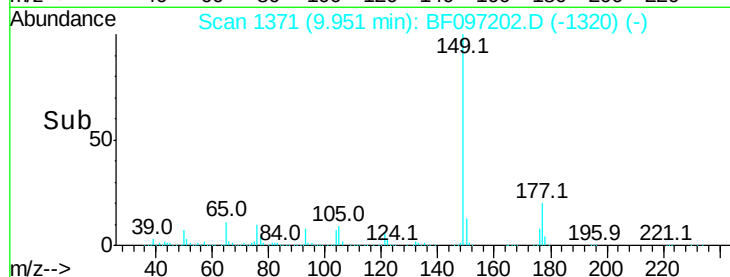
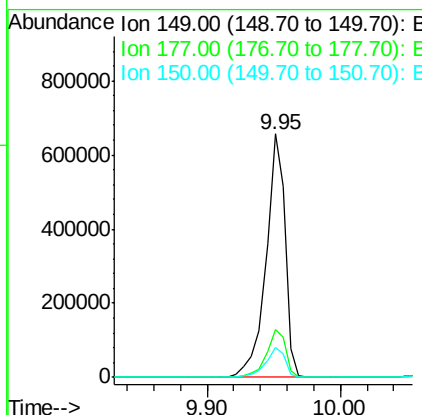
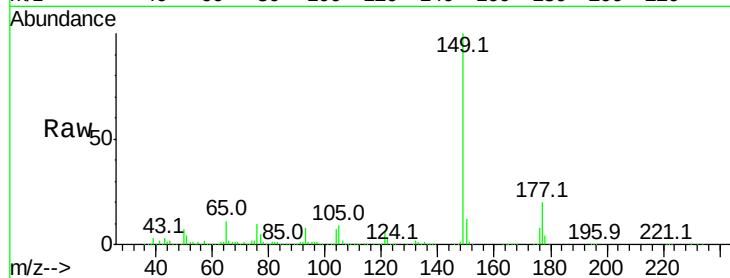
ClientSampleId :

PB101036BS

Tot Ion:	149	Resp:	648297
Ion Ratio	Lower	Upper	
149	100		
177	19.7	16.7	25.1
150	12.5	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 47.030 ng

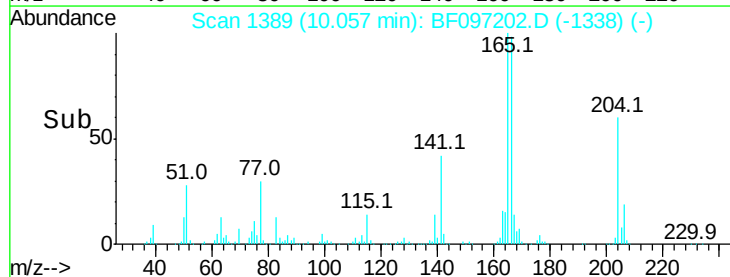
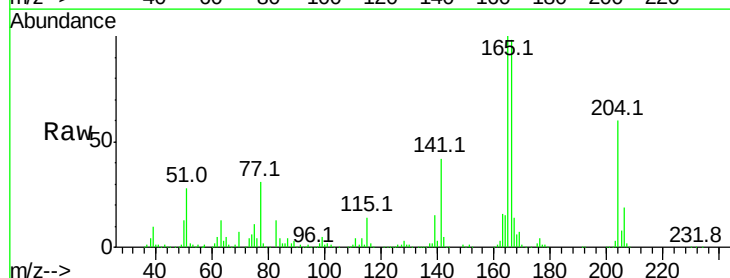
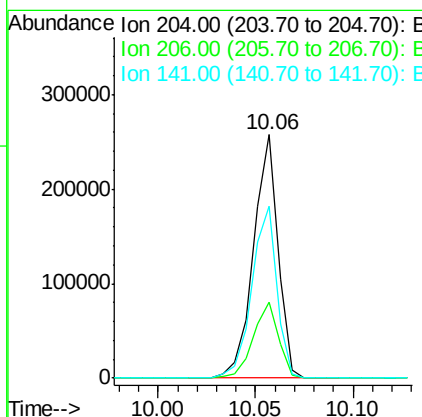
RT: 10.06 min Scan# 1389

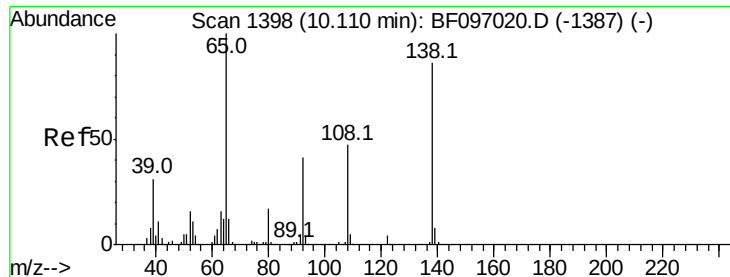
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	204	Resp:	225212
Ion Ratio	Lower	Upper	
204	100		
206	31.2	26.2	39.2
141	70.5	60.8	91.2





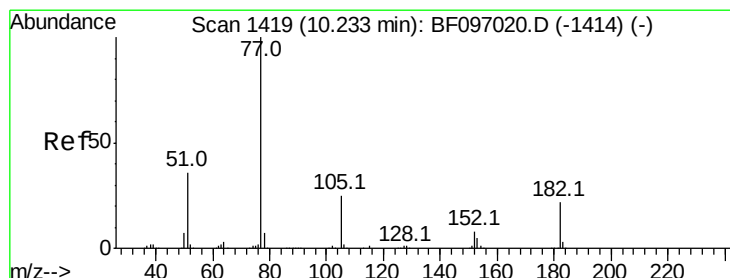
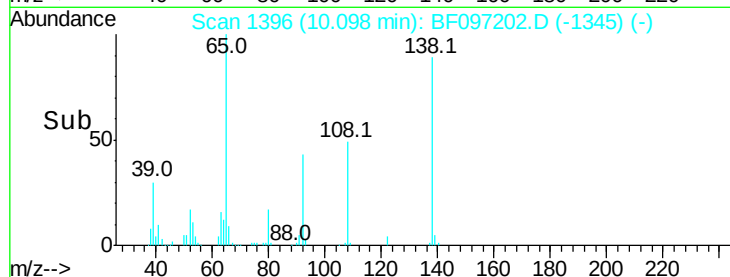
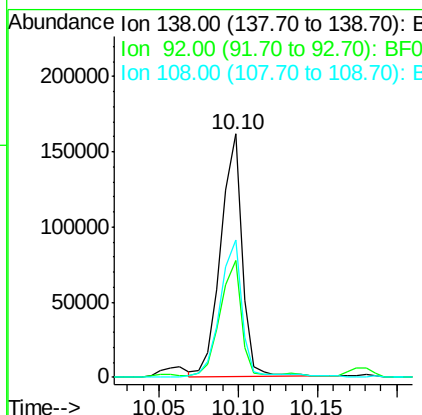
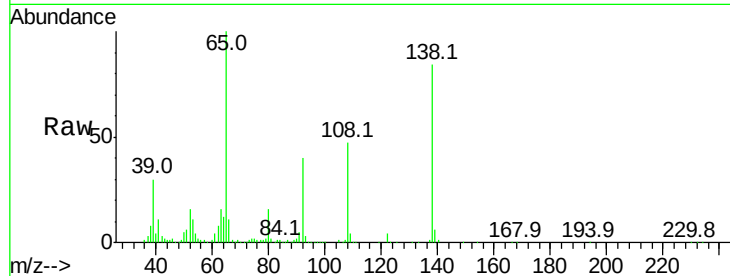
#61
4-Nitroaniline
Concen: 39.377 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	21.8	61.8
108	56.2	42.3	82.3

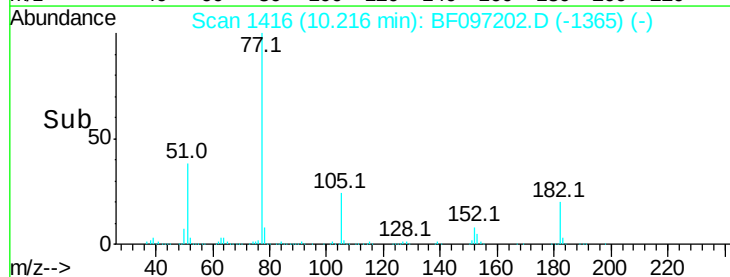
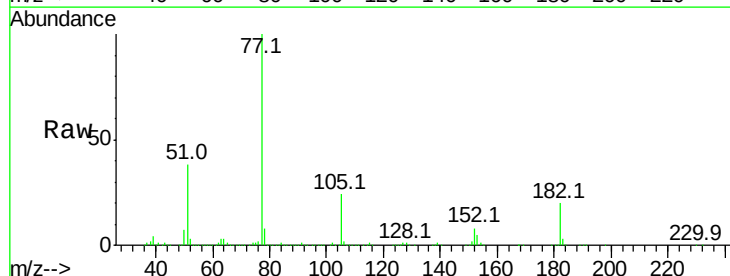
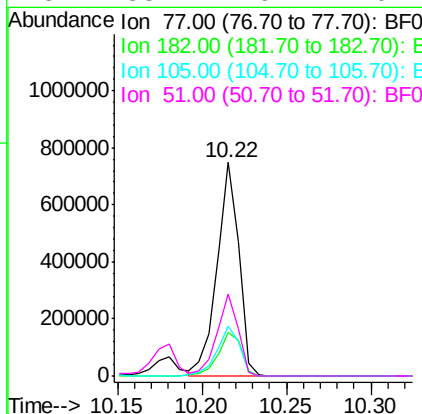
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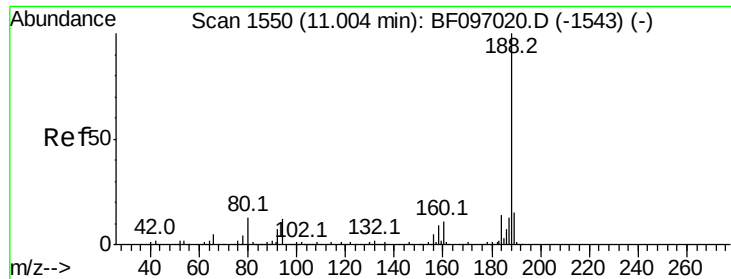
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#62
Azobenzene
Concen: 51.373 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.1	40.1
105	23.6	3.6	43.6
51	38.2	9.4	49.4





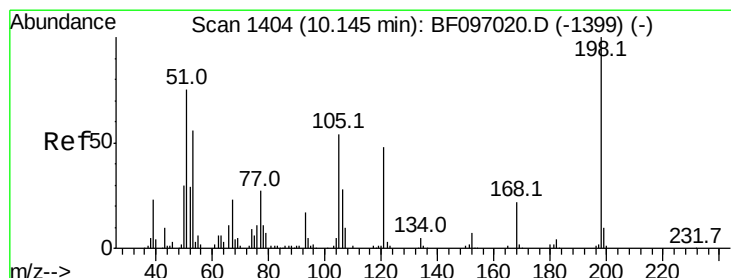
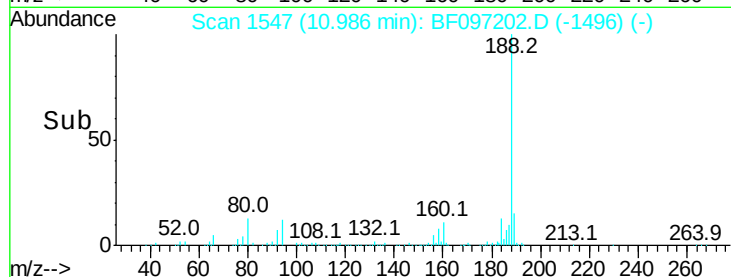
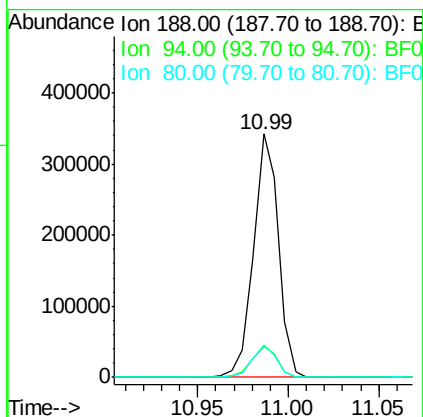
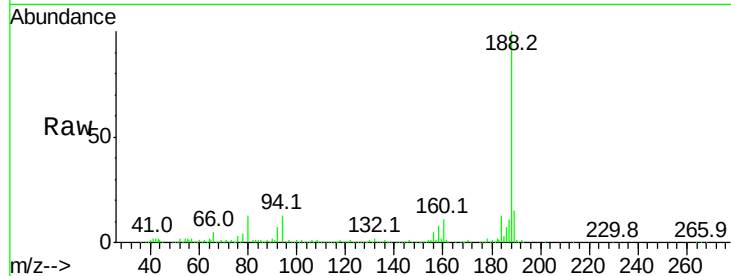
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.6	9.4	14.2	
80	13.5	10.2	15.2	

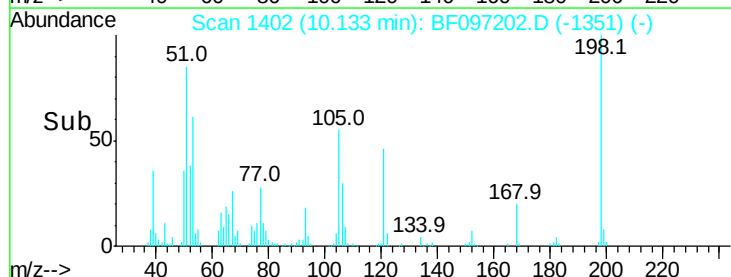
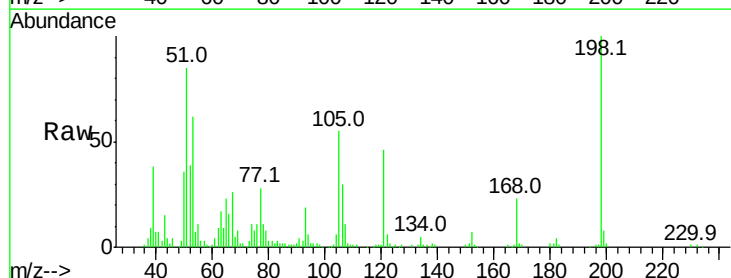
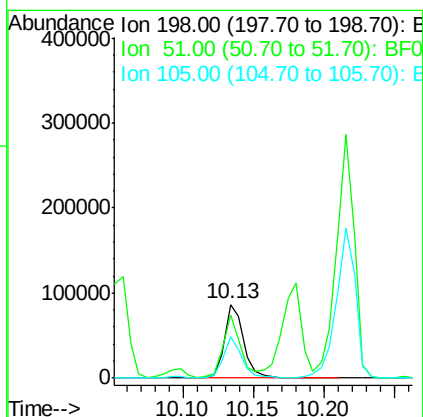
Manual Integrations
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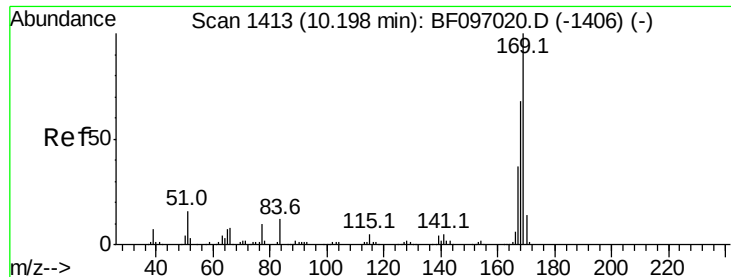
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.512 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	85.5	53.2	93.2	
105	55.5	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 45.612 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

Tot Ion:169 Resp: 518389

Ion Ratio Lower Upper

169 100

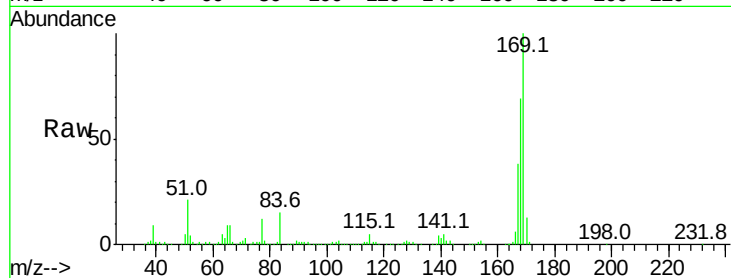
168 69.4 53.2 79.8

167 38.2 29.5 44.3

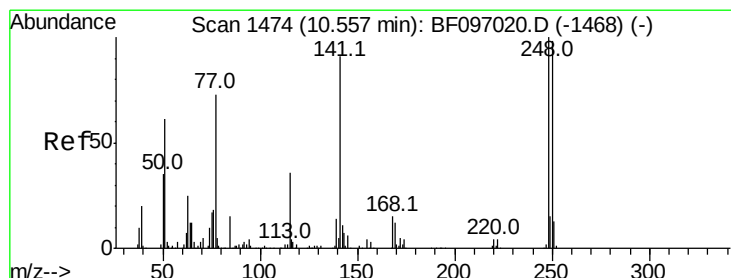
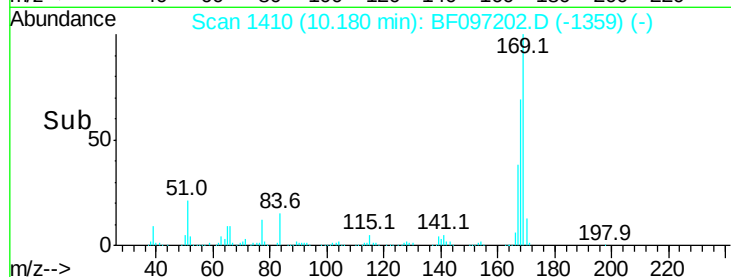
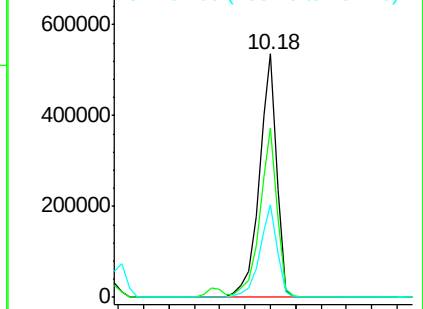
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.057 ng

RT: 10.54 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

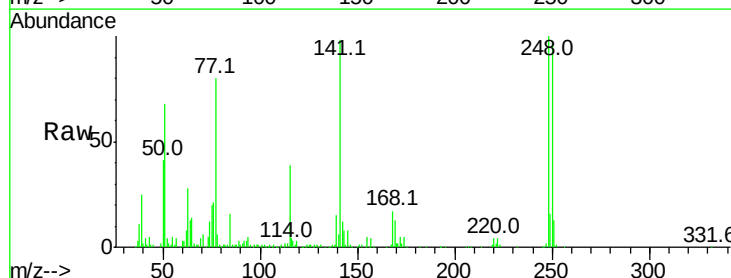
Tgt Ion:248 Resp: 150136

Ion Ratio Lower Upper

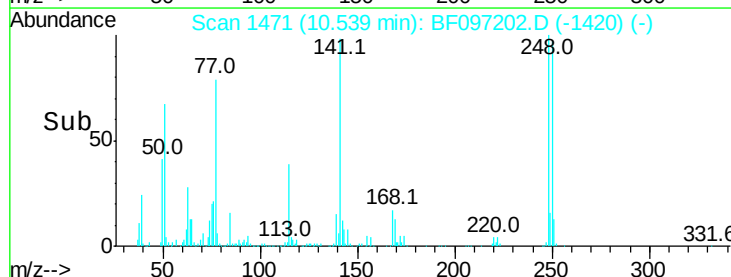
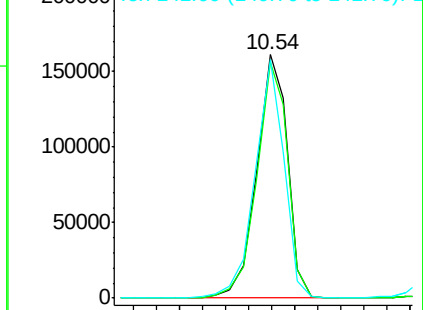
248 100

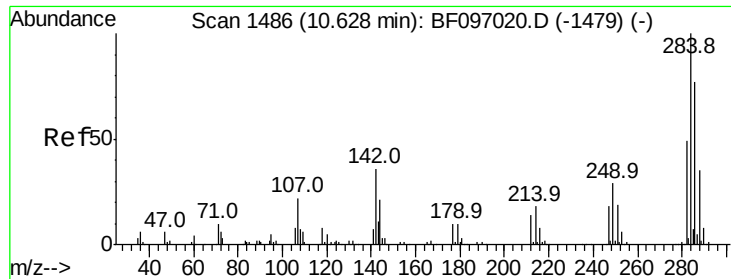
250 96.8 76.8 115.2

141 97.9 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 42.056 ng

RT: 10.61 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

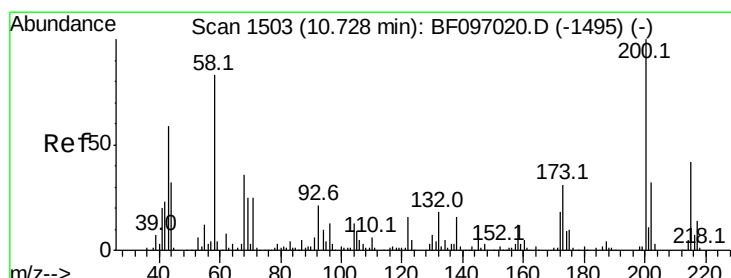
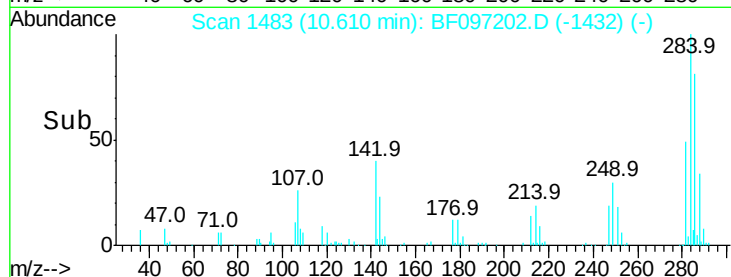
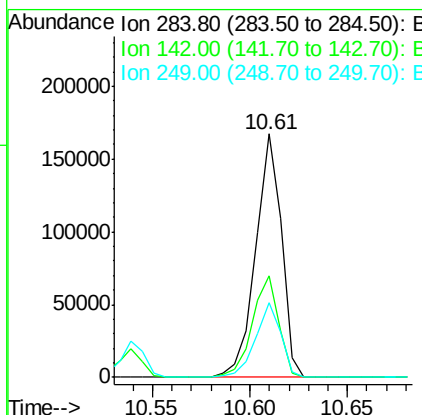
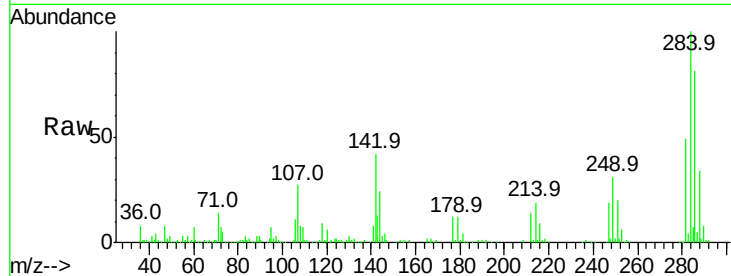
ClientSampleId :

PB101036BS

Tot Ion:	284	Resp:	153738
Ion Ratio	Lower	Upper	
284	100		
142	41.9	22.8	34.2#
249	30.6	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 44.308 ng

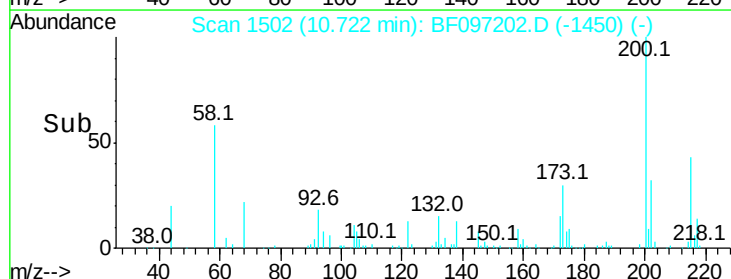
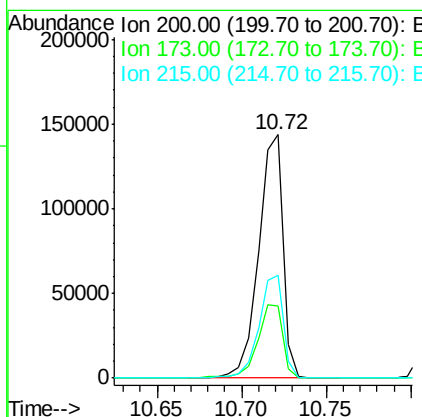
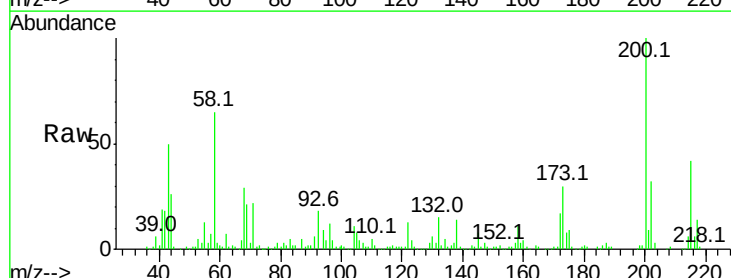
RT: 10.72 min Scan# 1502

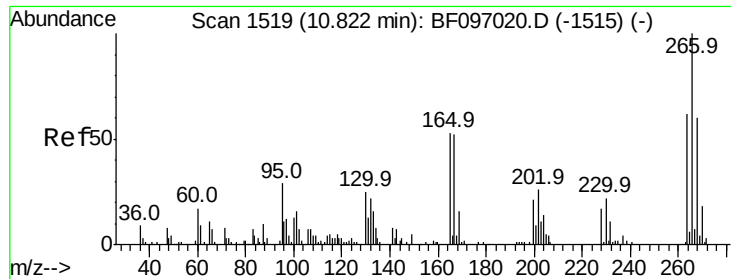
Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	200	Resp:	144399
Ion Ratio	Lower	Upper	
200	100		
173	29.6	6.3	46.3
215	42.4	27.2	67.2





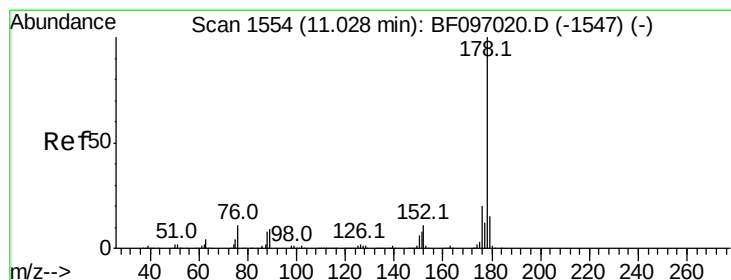
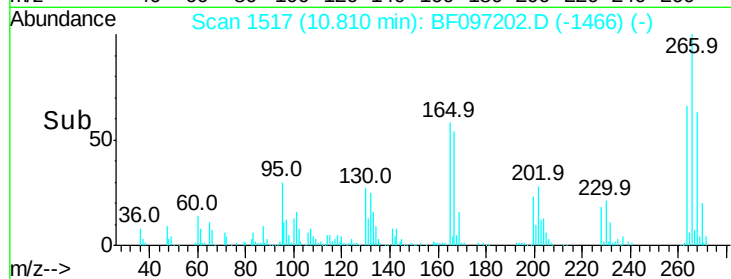
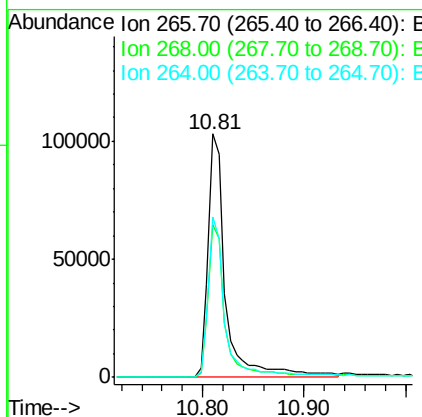
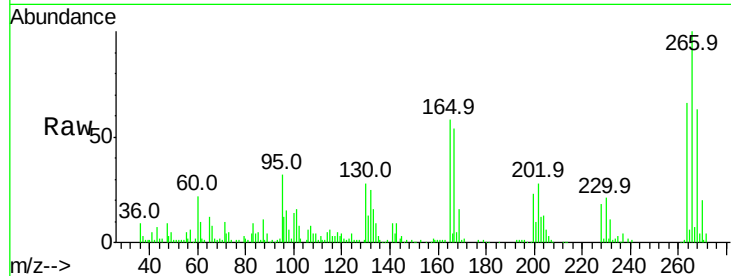
#69
 Pentachlorophenol
 Concen: 82.438 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	124687		
268	62.8	51.1	76.7	
264	65.8	51.7	77.5	

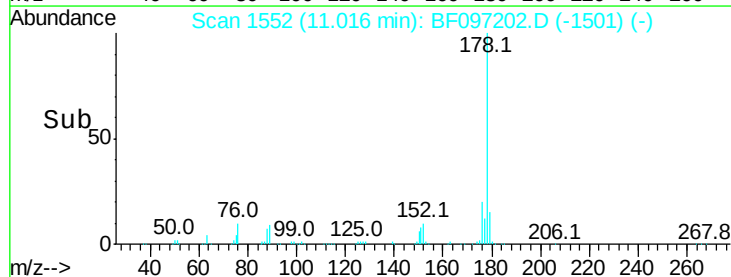
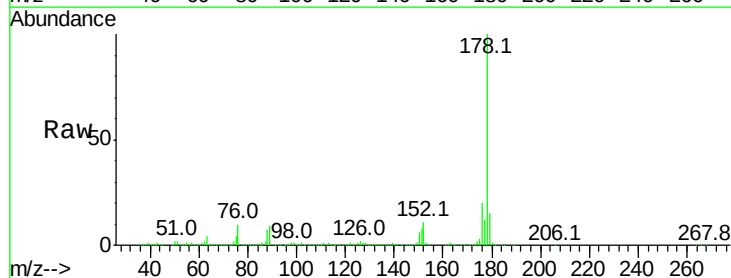
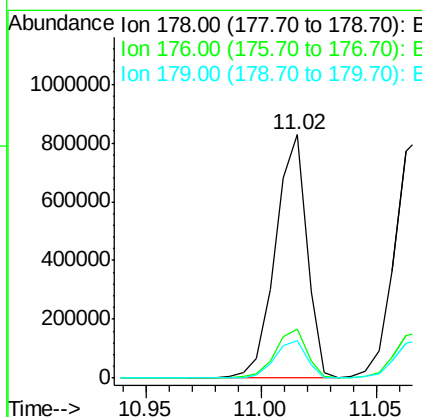
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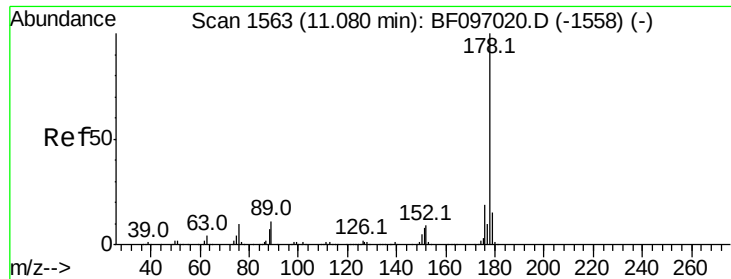
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#70
 Phenanthrene
 Concen: 44.760 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	783374		
176	20.2	16.2	24.4	
179	15.3	12.6	19.0	





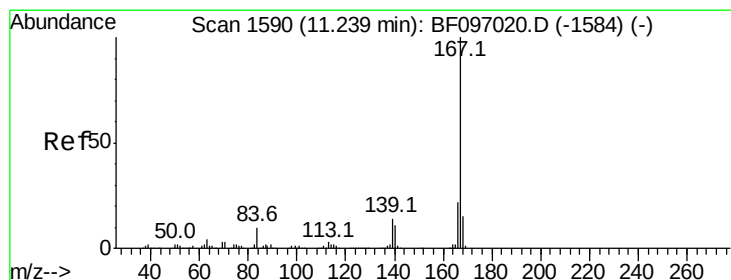
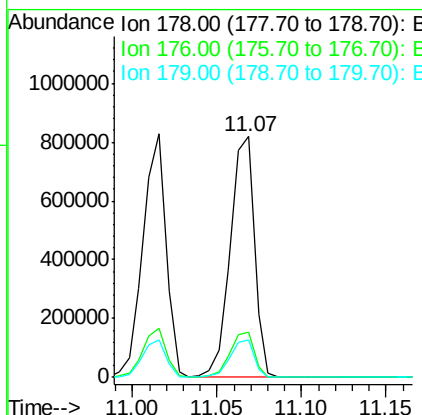
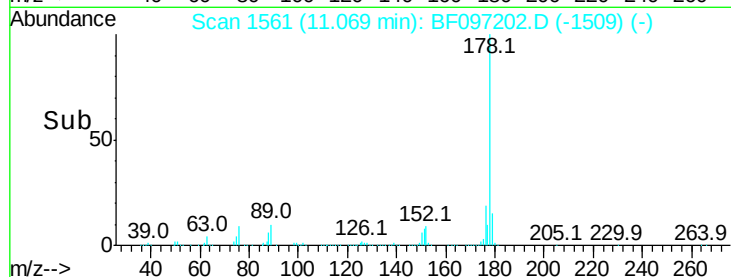
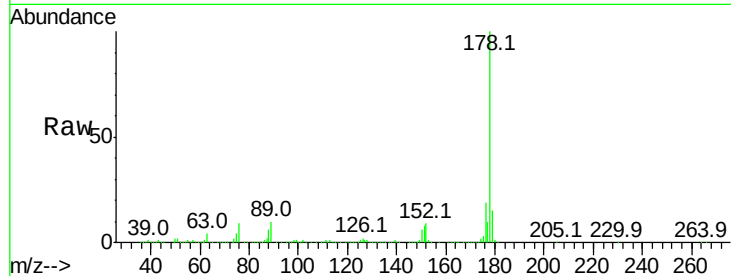
#71
 Anthracene
 Concen: 45.434 ng
 RT: 11.07 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.3	12.7	19.1

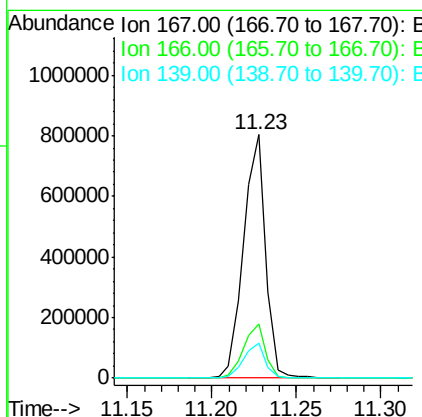
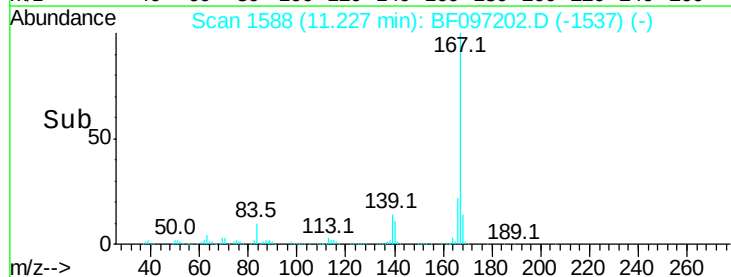
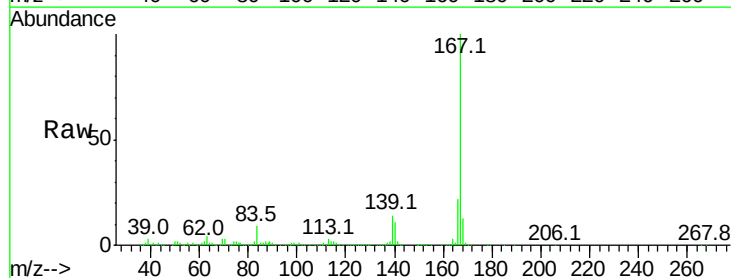
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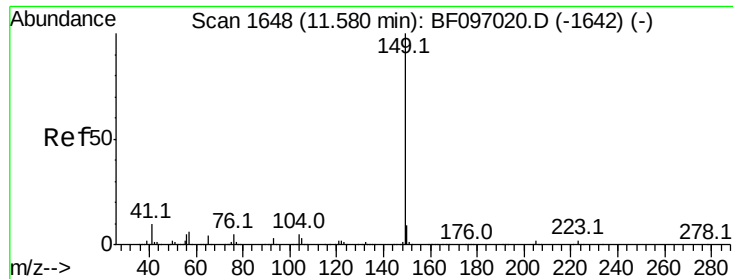
Sohil
 8/1/2017 5:44:22 PM



#72
 Carbazole
 Concen: 41.517 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.889 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

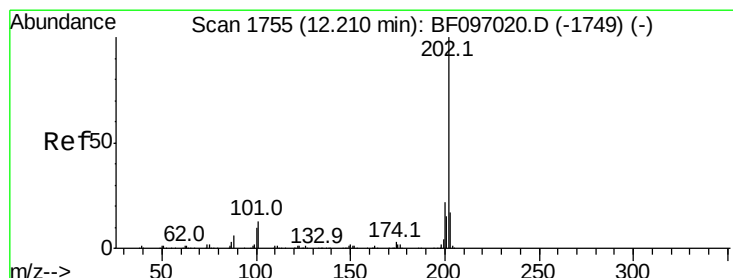
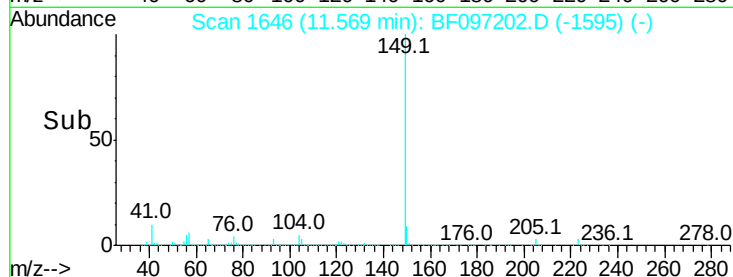
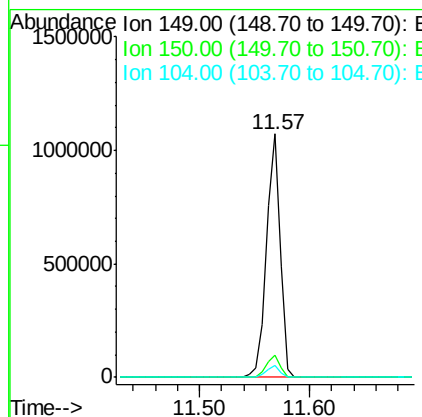
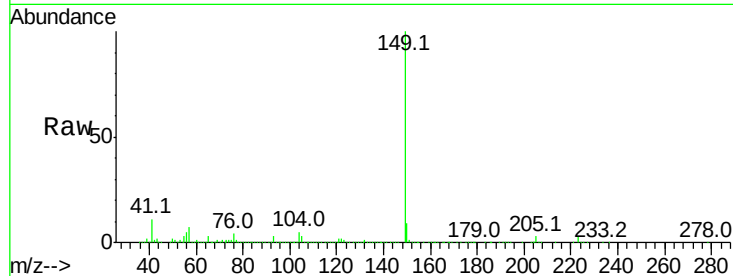
ClientSampleId :

PB101036BS

Tot Ion:	149	Resp:	934623
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0

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#74

Fluoranthene

Concen: 40.513 ng

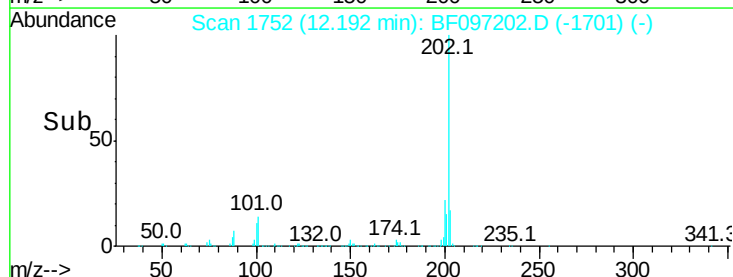
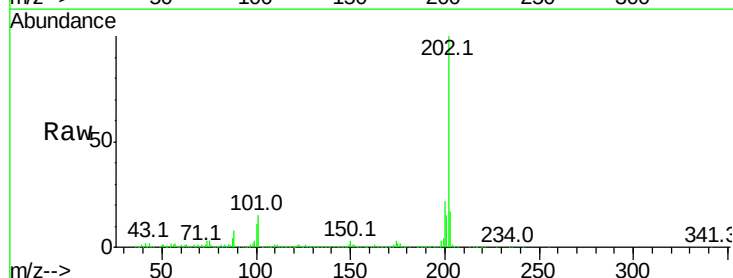
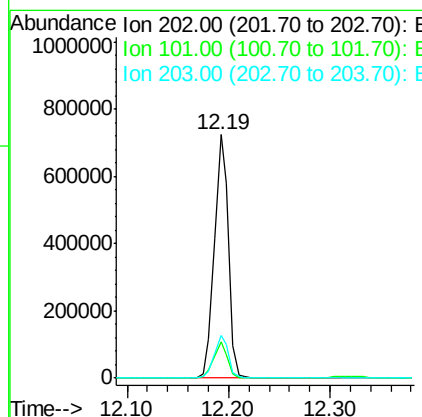
RT: 12.19 min Scan# 1752

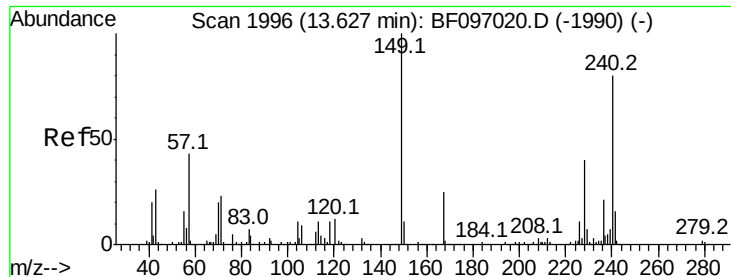
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	202	Resp:	694614
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampled :

PB101036BS

Tot Ion:240 Resp: 169158
Ion Ratio Lower Upper

240 100

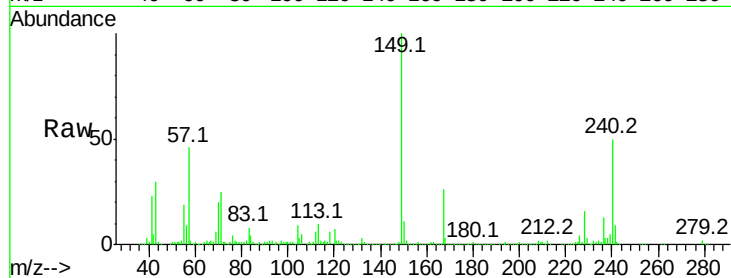
120 14.4 5.8 8.8#

236 26.2 20.5 30.7

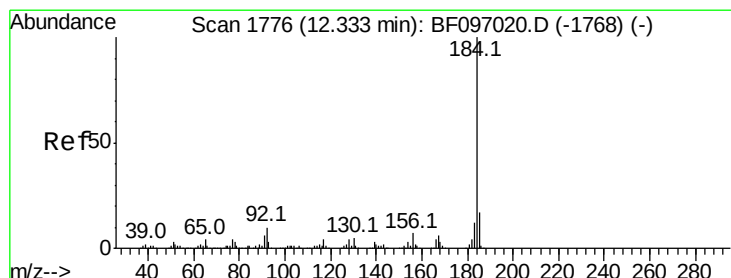
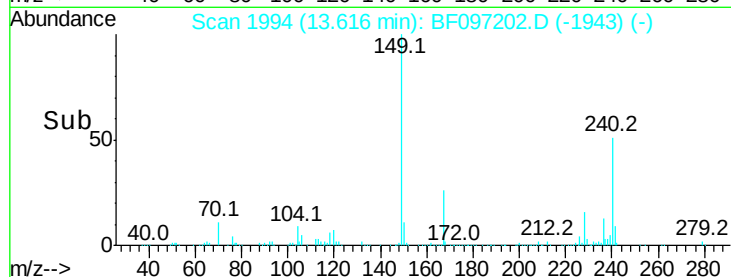
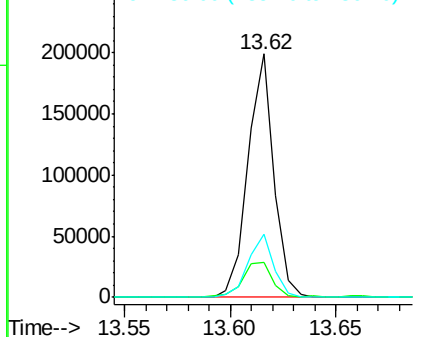
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.428 ng m

RT: 12.33 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF097202.D

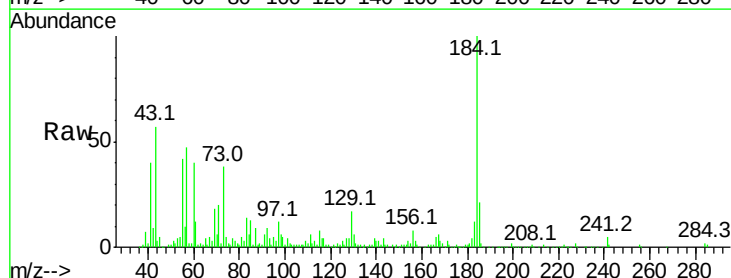
Acq: 31 Jul 2017 12:39

Tgt Ion:184 Resp: 297687
Ion Ratio Lower Upper

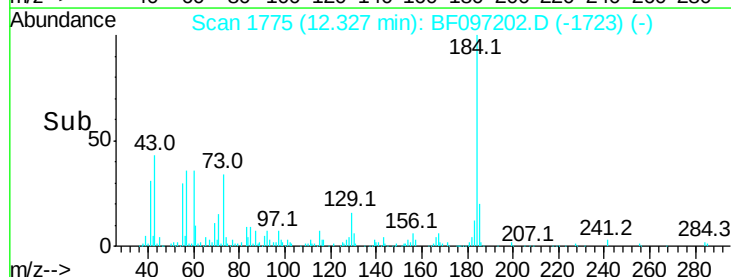
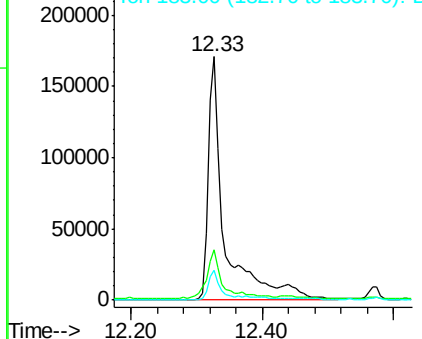
184 100

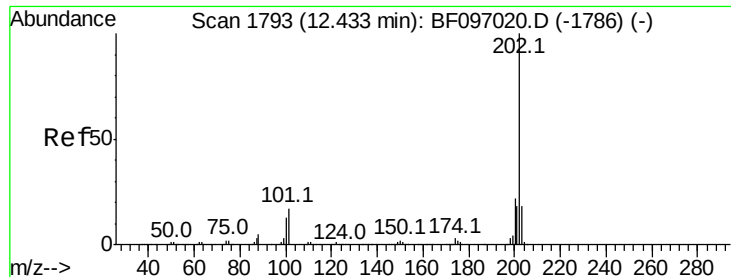
185 20.5 15.5 23.3

183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.051 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

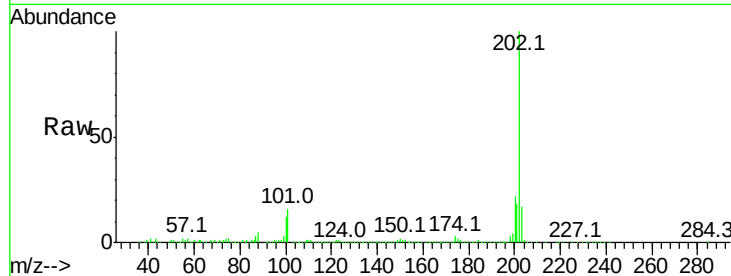
ClientSampleId :

PB101036BS

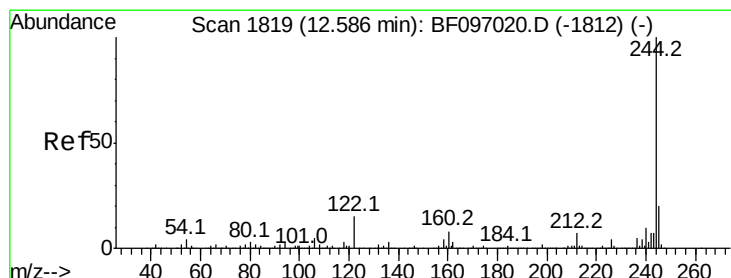
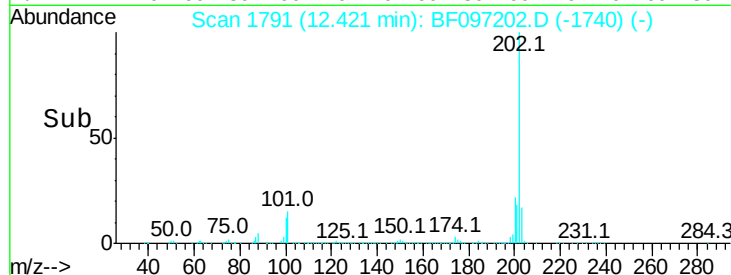
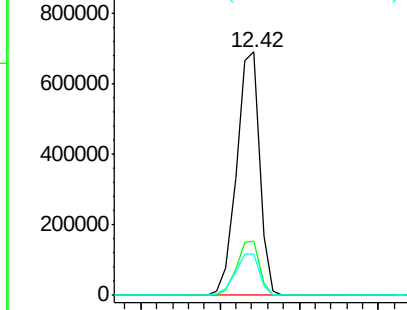
Tot Ion:	202	Resp:	693131
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	17.1	14.4	21.6

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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: 87.986 ng

RT: 12.57 min Scan# 1817

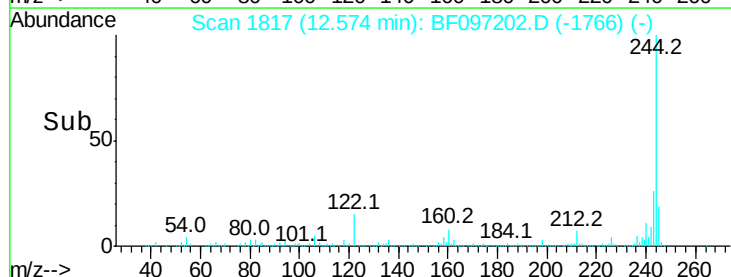
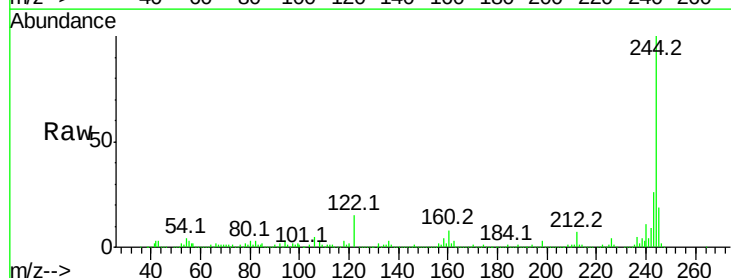
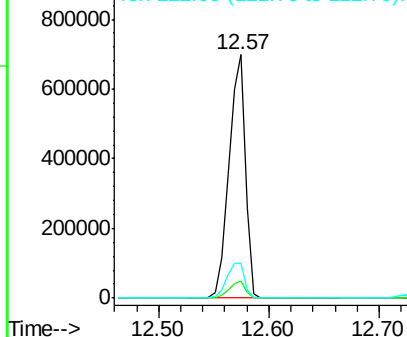
Delta R.T. -0.00 min

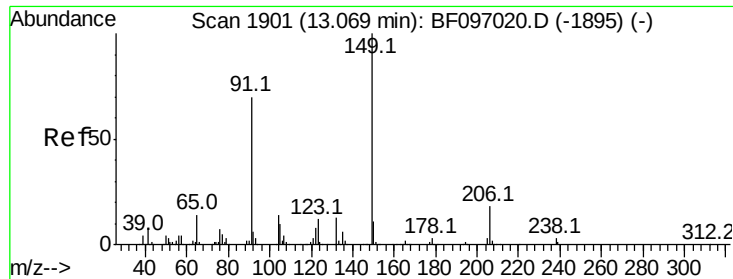
Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	244	Resp:	729998
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	14.6	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





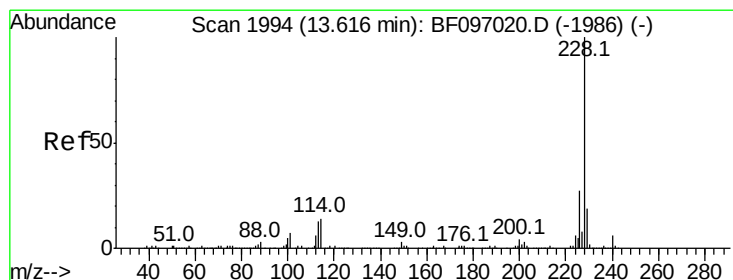
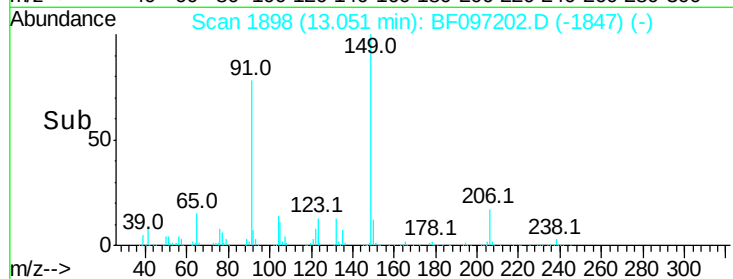
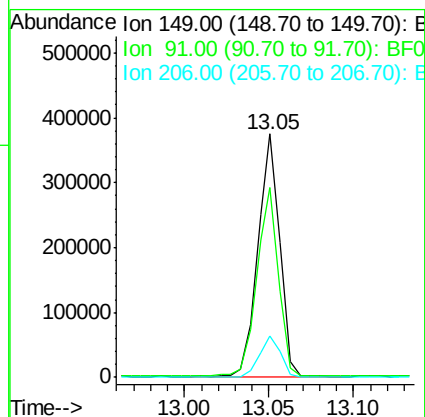
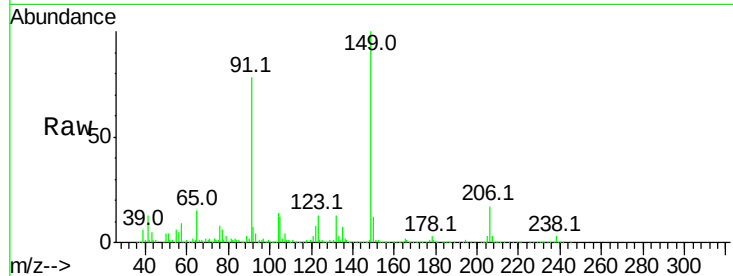
#79
Butylbenzylphthalate
Concen: 47.510 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.2	45.0	67.4#	
206	16.8	17.0	25.6#	

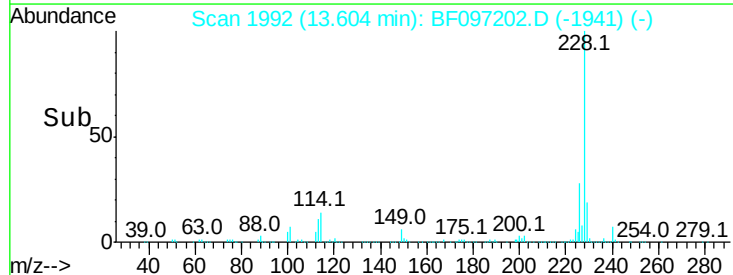
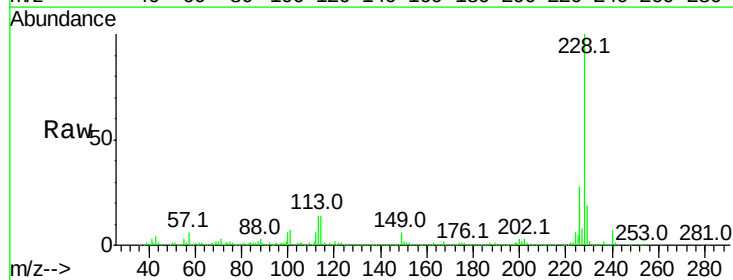
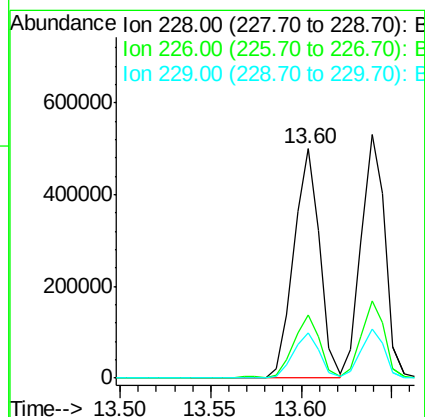
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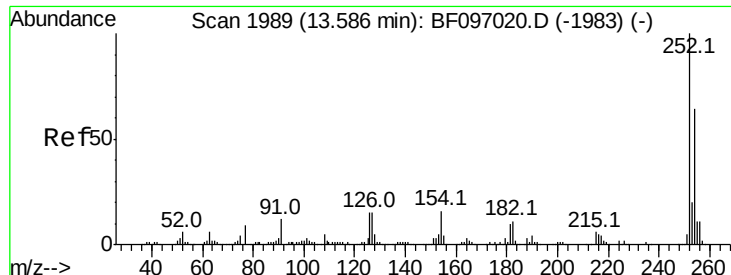
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#80
Benzo(a)anthracene
Concen: 45.916 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.7	22.6	33.8	
229	19.5	16.3	24.5	





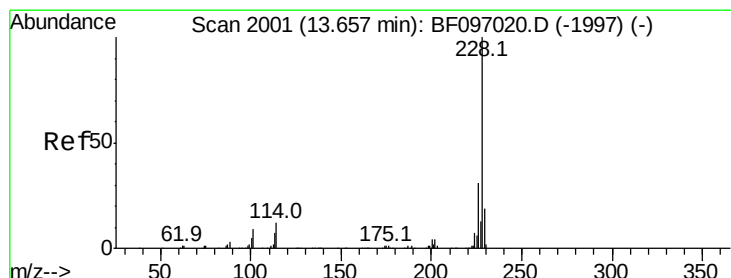
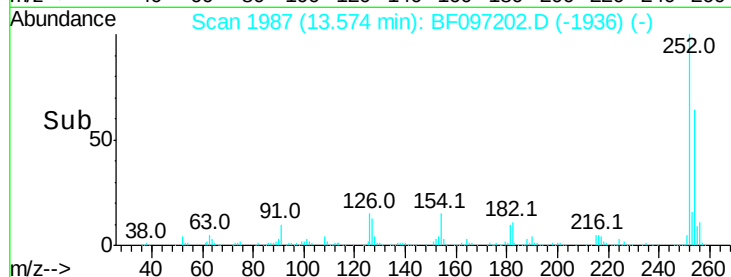
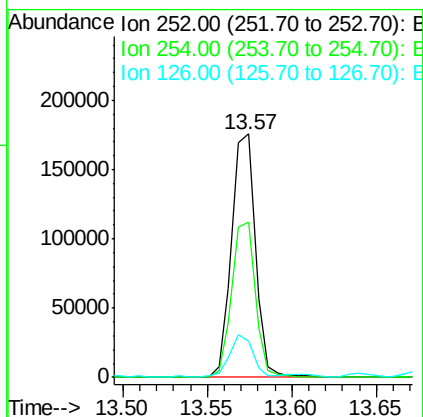
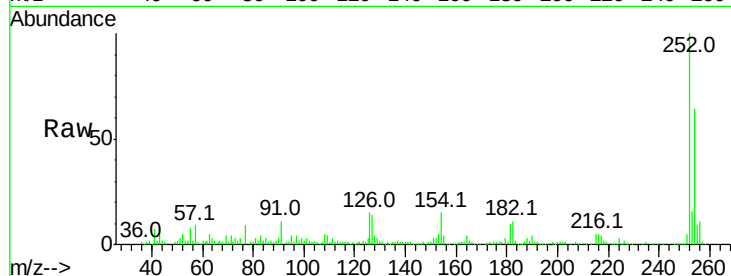
#81
 3,3'-Dichlorobenzidine
 Concen: 41.832 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	51.5	77.3
126	15.0	15.8	23.8

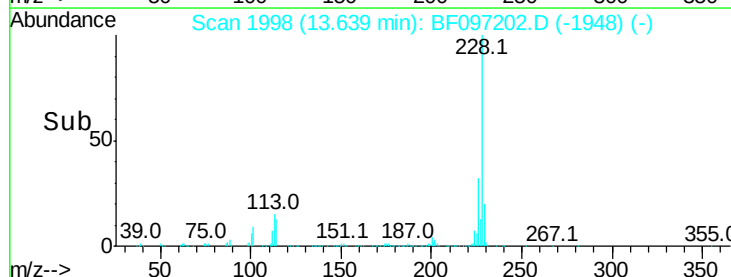
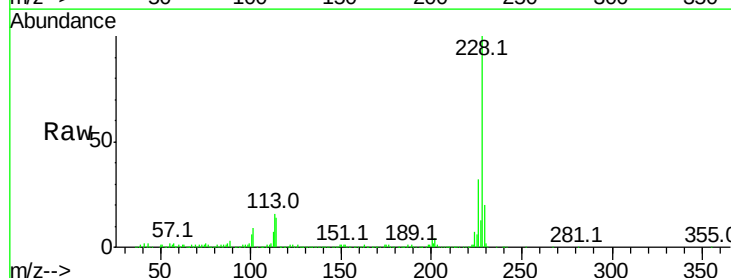
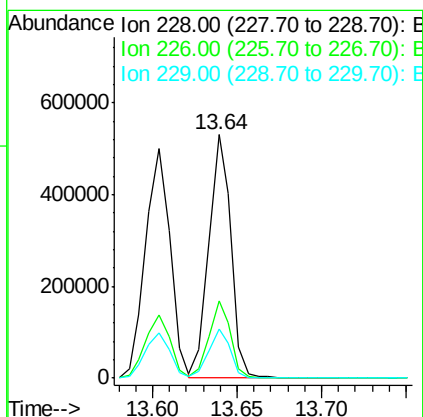
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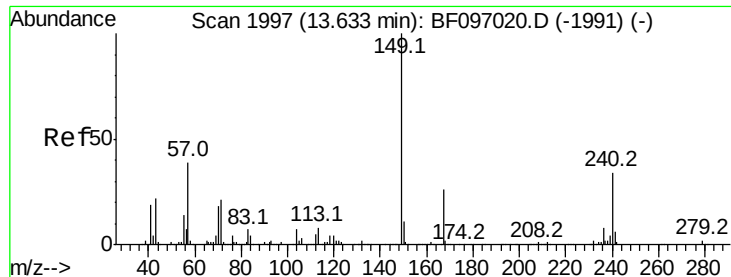
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#82
 Chrysene
 Concen: 45.536 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.1	15.8	23.6





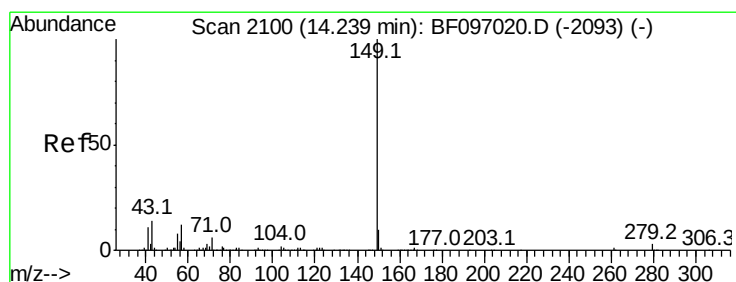
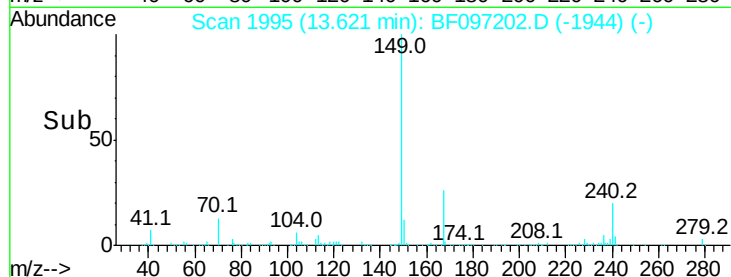
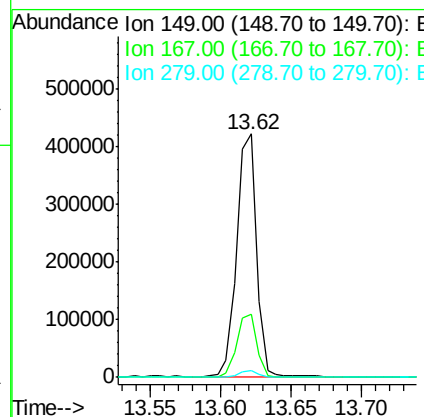
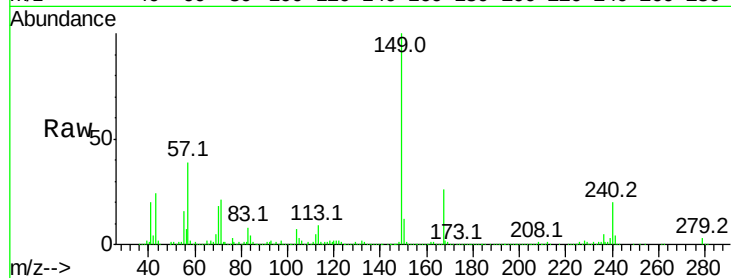
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.486 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	409162		
167	26.2	21.0	31.4	
279	2.7	1.9	2.9	

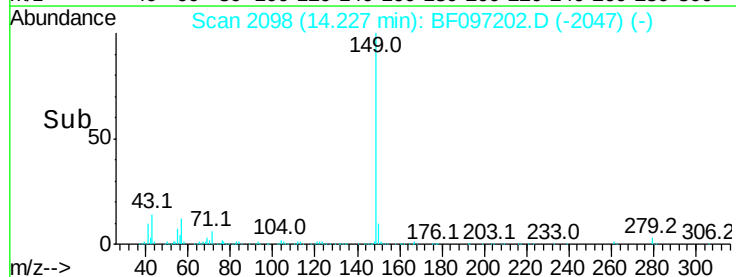
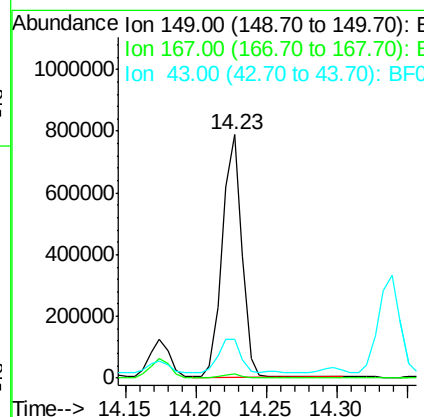
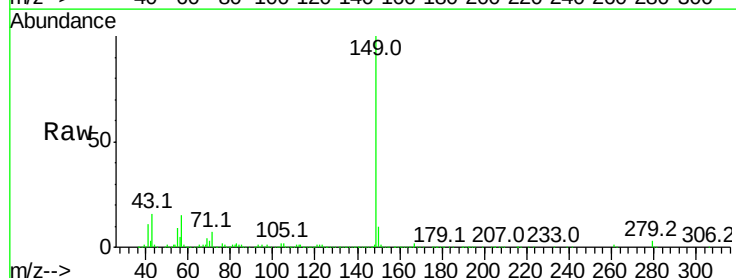
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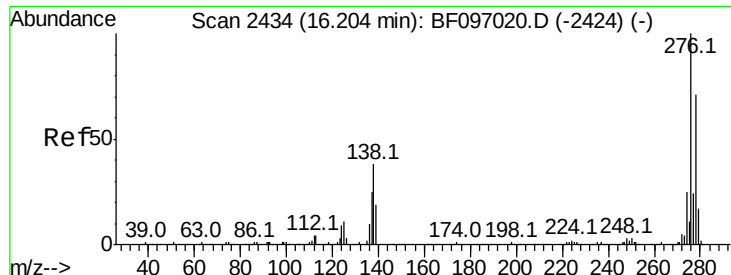
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#84
 Di-n-octyl phthalate
 Concen: 44.722 ng
 RT: 14.23 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	754845		
167	1.4	1.2	1.8	
43	16.0	8.5	12.7	





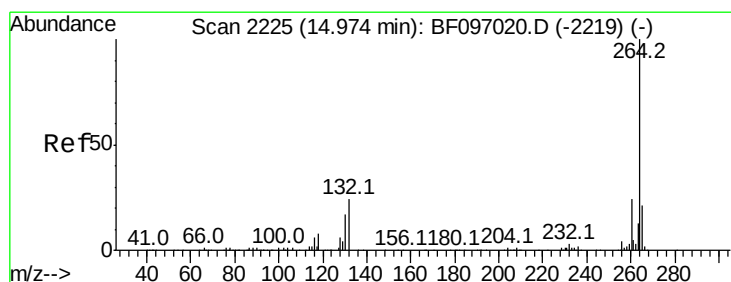
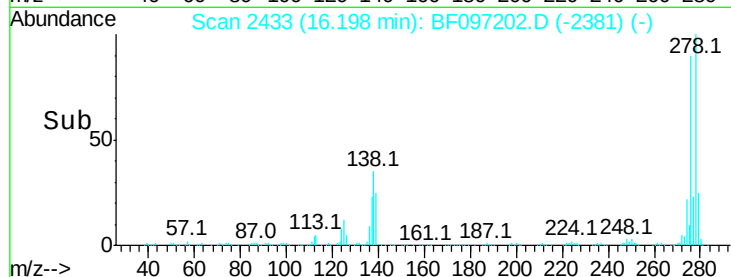
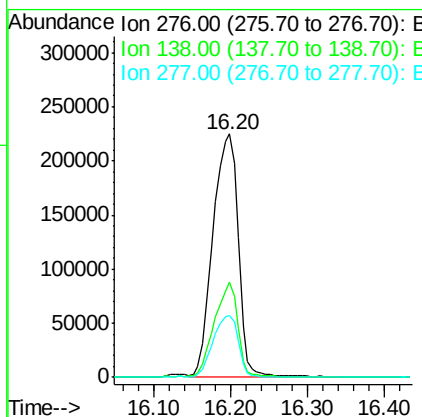
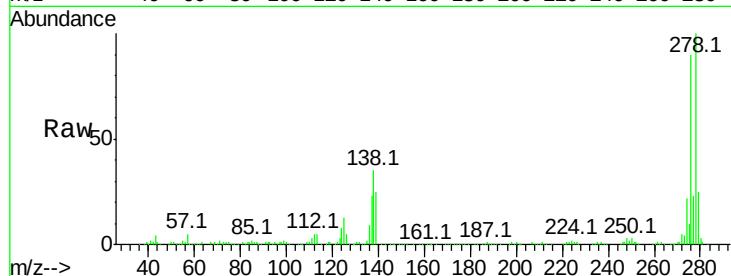
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.448 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	508152		
138	35.5		27.8	41.6
277	25.1		20.2	30.4

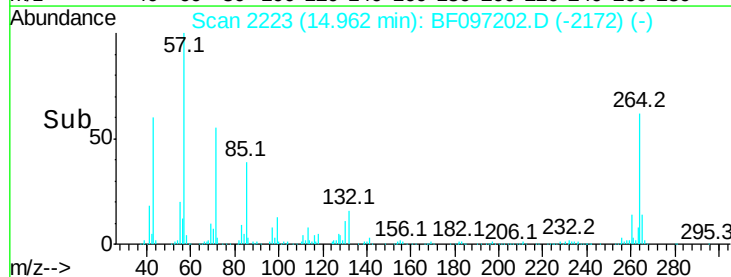
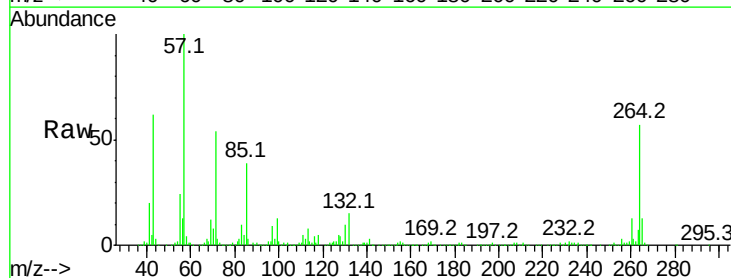
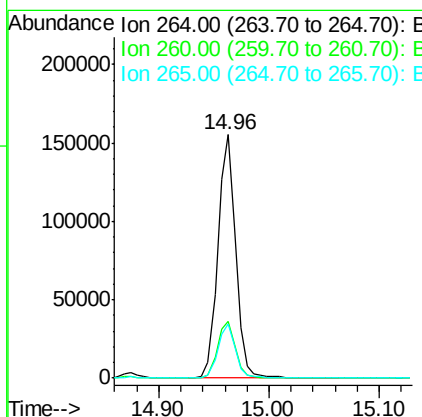
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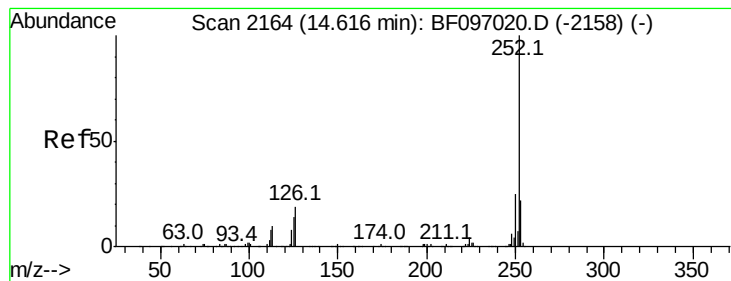
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	174177		
260	23.1		19.5	29.3
265	22.2		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.635 ng m

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

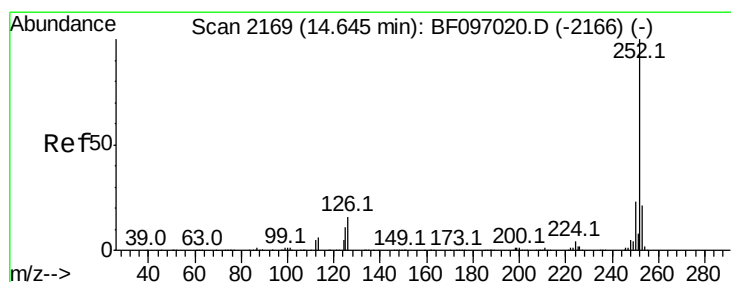
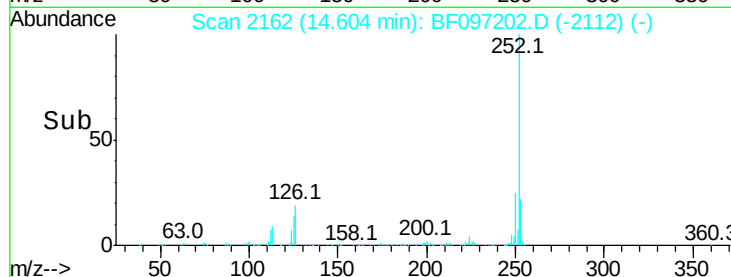
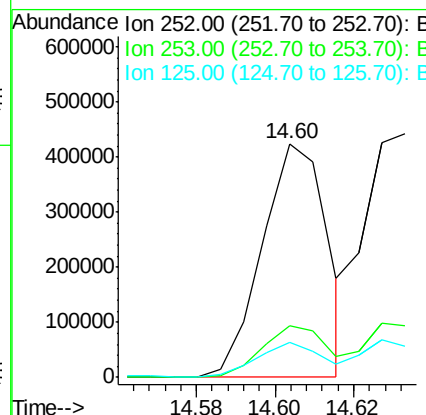
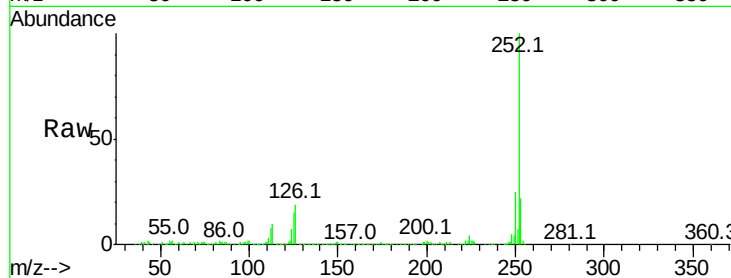
ClientSampleId :

PB101036BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.0	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 44.784 ng m

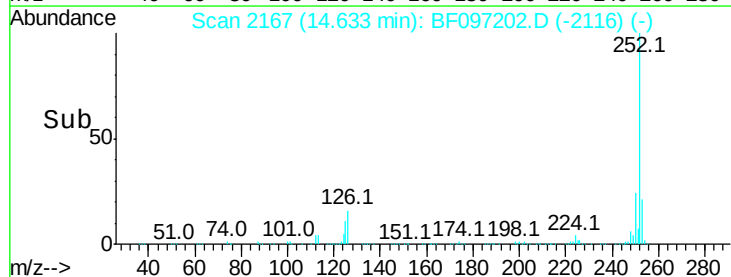
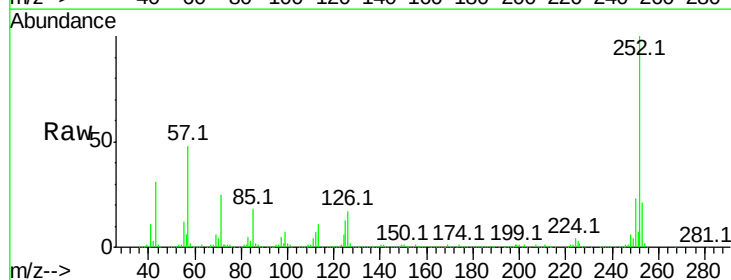
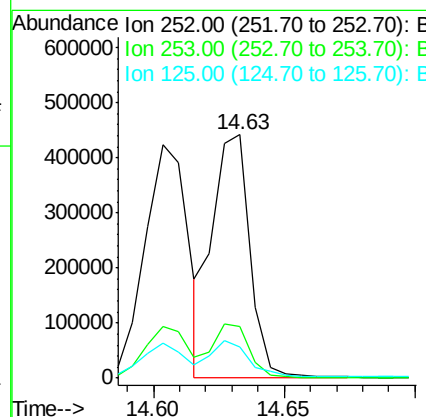
RT: 14.63 min Scan# 2167

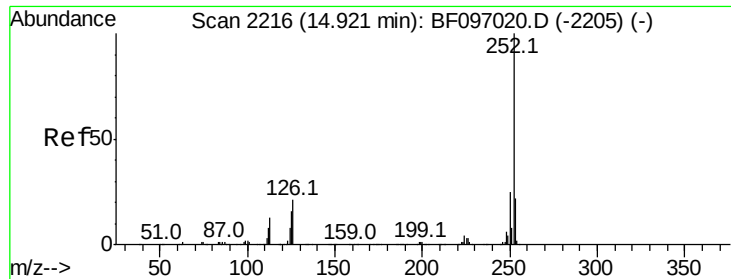
Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	12.7	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 50.206 ng

RT: 14.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

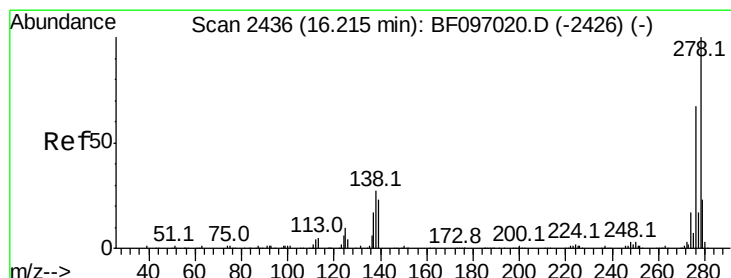
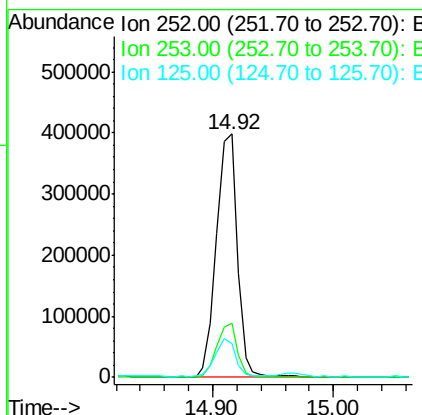
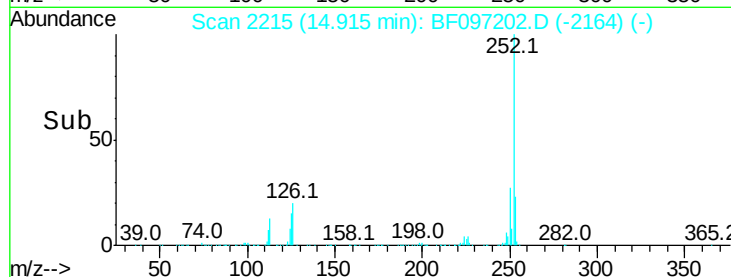
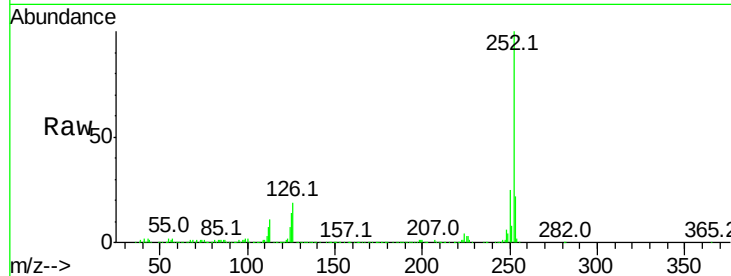
ClientSampleId :

PB101036BS

Tot Ion:	252	Resp:	481103
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	14.0	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 52.738 ng

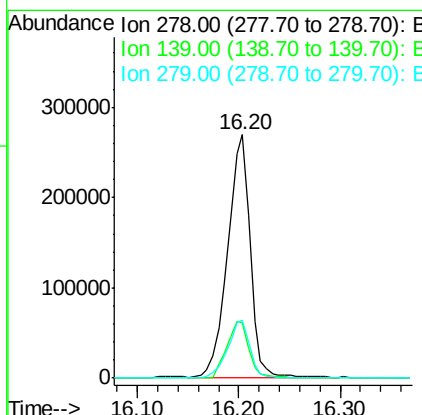
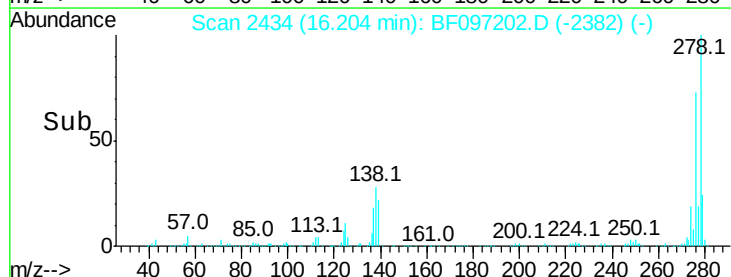
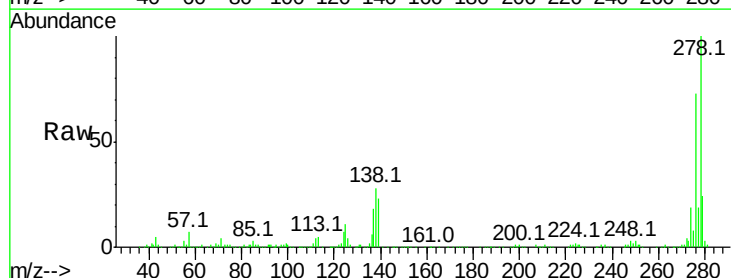
RT: 16.20 min Scan# 2434

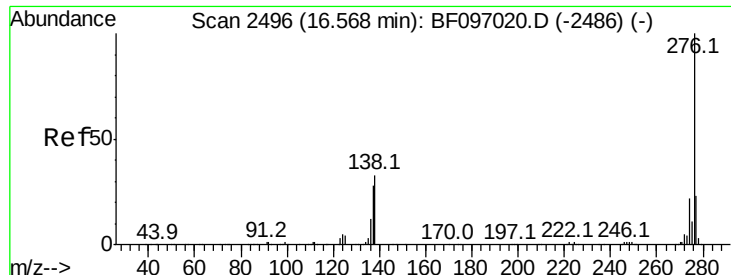
Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:	278	Resp:	414423
Ion Ratio	Lower	Upper	
278	100		
139	22.6	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 57.689 ng
 RT: 16.56 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion:	276	Resp:	475394
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	31.3	25.4	38.0

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