

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097563.D
 Acq On : 10 Aug 2017 17:40
 Operator : SJ/JU
 Sample : PB101428BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Manual Integrations
 APPROVED

sohil
 8/14/2017 6:33:17 PM

Quant Time: Aug 11 11:44:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	97094	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	424668	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	185434	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	322615	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	206567	20.00	ng	-0.02
86) Perylene-d12	14.86	264	186281	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	743108	115.38	ng	-0.01
7) Phenol-d6	6.07	99	801209	108.96	ng	-0.02
23) Nitrobenzene-d5	6.97	82	496729	68.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	153734	104.93	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	799617	73.18	ng	-0.02
78) Terphenyl-d14	12.47	244	640788	63.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	94132	35.022	ng	# 48
3) Pyridine	2.52	79	270081	32.815	ng	# 62
4) n-Nitrosodimethylamine	2.47	42	160729	35.251	ng	# 77
6) Aniline	6.06	93	208690	22.554	ng	93
8) 2-Chlorophenol	6.18	128	254383	36.937	ng	92
9) Benzaldehyde	5.94	77	105595	24.262	ng	98
10) Phenol	6.08	94	317786	36.436	ng	97
11) bis(2-Chloroethyl)ether	6.14	93	247114	35.824	ng	92
12) 1,3-Dichlorobenzene	6.33	146	266226	35.870	ng	98
13) 1,4-Dichlorobenzene	6.40	146	273676	37.208	ng	94
14) 1,2-Dichlorobenzene	6.56	146	237880	37.041	ng	97
15) Benzyl Alcohol	6.56	79	211165	45.360	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.68	45	519865	37.575	ng	94
17) 2-Methylphenol	6.69	107	204689	38.509	ng	# 87
18) Hexachloroethane	6.89	117	97157	36.106	ng	# 81
19) n-Nitroso-di-n-propylamine	6.83	70	181707	37.543	ng	# 81
20) 3+4-Methylphenols	6.85	107	283314	40.811	ng	# 63
22) Acetophenone	6.82	105	350580	34.376	ng	97
24) Nitrobenzene	6.99	77	270833	35.923	ng	93
25) Isophorone	7.23	82	473390	33.392	ng	99
26) 2-Nitrophenol	7.30	139	145935	35.778	ng	# 87
27) 2,4-Dimethylphenol	7.36	122	228808	34.006	ng	97
28) bis(2-Chloroethoxy)methane	7.45	93	319735	34.561	ng	99
29) 2,4-Dichlorophenol	7.56	162	216755	37.395	ng	98
30) 1,2,4-Trichlorobenzene	7.62	180	191493	34.659	ng	96
31) Naphthalene	7.69	128	727914	36.362	ng	99
32) Benzoic acid	7.55	122	150435	29.942	ng	92
33) 4-Chloroaniline	7.77	127	126542	15.535	ng	97
34) Hexachlorobutadiene	7.82	225	96493	32.943	ng	96
35) Caprolactam	8.15	113	76118m	40.953	ng	
36) 4-Chloro-3-methylphenol	8.27	107	227684	36.004	ng	# 84
37) 2-Methylnaphthalene	8.39	142	479207	37.808	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	170475	34.454	ng	99
40) Hexachlorocyclopentadiene	8.54	237	63298	40.161	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	119243	33.256	nq	98
43) 2,4,5-Trichlorophenol	8.74	196	116093	32.348	nq	97
45) 1,1'-Biphenyl	8.85	154	548818	34.651	nq	98
46) 2-Chloronaphthalene	8.87	162	416269	35.715	nq	94
47) 2-Nitroaniline	8.99	65	169447	40.059	nq	97
48) Acenaphthylene	9.28	152	651963	36.443	nq	99
49) Dimethylphthalate	9.16	163	499228	35.453	nq	99
50) 2,6-Dinitrotoluene	9.23	165	108511	36.333	nq #	83
51) Acenaphthene	9.45	154	385240	36.557	nq	99
52) 3-Nitroaniline	9.40	138	84904	22.903	nq	95
53) 2,4-Dinitrophenol	9.53	184	78210	57.594	nq #	75
54) Dibenzofuran	9.63	168	574180	40.907	nq	95
55) 4-Nitrophenol	9.62	139	97207m	44.094	nq	
56) 2,4-Dinitrotoluene	9.65	165	151820	44.219	nq #	81
57) Fluorene	9.97	166	414942	39.332	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.76	232	98519	39.758	nq	99
59) Diethylphthalate	9.86	149	496524	38.434	nq	98
60) 4-Chlorophenyl-phenylether	9.96	204	167797	38.517	nq	97
61) 4-Nitroaniline	10.02	138	133326	37.851	nq	92
62) Azobenzene	10.12	77	501491	41.844	nq	92
64) 4,6-Dinitro-2-methylphenol	10.06	198	67164	33.503	nq	87
65) n-Nitrosodiphenylamine	10.09	169	394244	35.122	nq	95
66) 4-Bromophenyl-phenylether	10.44	248	116549	36.200	nq	96
67) Hexachlorobenzene	10.52	284	119237	33.026	nq #	86
68) Atrazine	10.63	200	120414	37.409	nq	96
69) Pentachlorophenol	10.73	266	68821	46.070	nq	97
70) Phenanthrene	10.92	178	644795	37.302	nq	99
71) Anthracene	10.97	178	657644	37.146	nq	99
72) Carbazole	11.13	167	649929	37.327	nq	99
73) Di-n-butylphthalate	11.47	149	786303	36.533	nq	99
74) Fluoranthene	12.10	202	630645	37.241	nq	98
76) Benzidine	12.23	184	246683	32.185	nq #	92
77) Pyrene	12.32	202	648818	38.367	nq	99
79) Butylbenzylphthalate	12.96	149	338879	39.395	nq #	77
80) Benzo(a)anthracene	13.51	228	475096	35.546	nq	99
81) 3,3'-Dichlorobenzidine	13.48	252	96671	19.180	nq #	96
82) Chrysene	13.54	228	484682	37.137	nq	100
83) Bis(2-ethylhexyl)phthalate	13.52	149	389853	34.711	nq	98
84) Di-n-octyl phthalate	14.13	149	726938	35.269	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.04	276	387683	34.642	nq	97
87) Benzo(b)fluoranthene	14.52	252	379781	33.916	nq	99
88) Benzo(k)fluoranthene	14.53	252	406680	38.113	nq	97
89) Benzo(a)pyrene	14.81	252	372440	36.341	nq	99
90) Dibenzo(a,h)anthracene	16.04	278	319920	38.067	nq #	96
91) Benzo(g,h,i)perylene	16.39	276	352091	39.950	nq	98

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

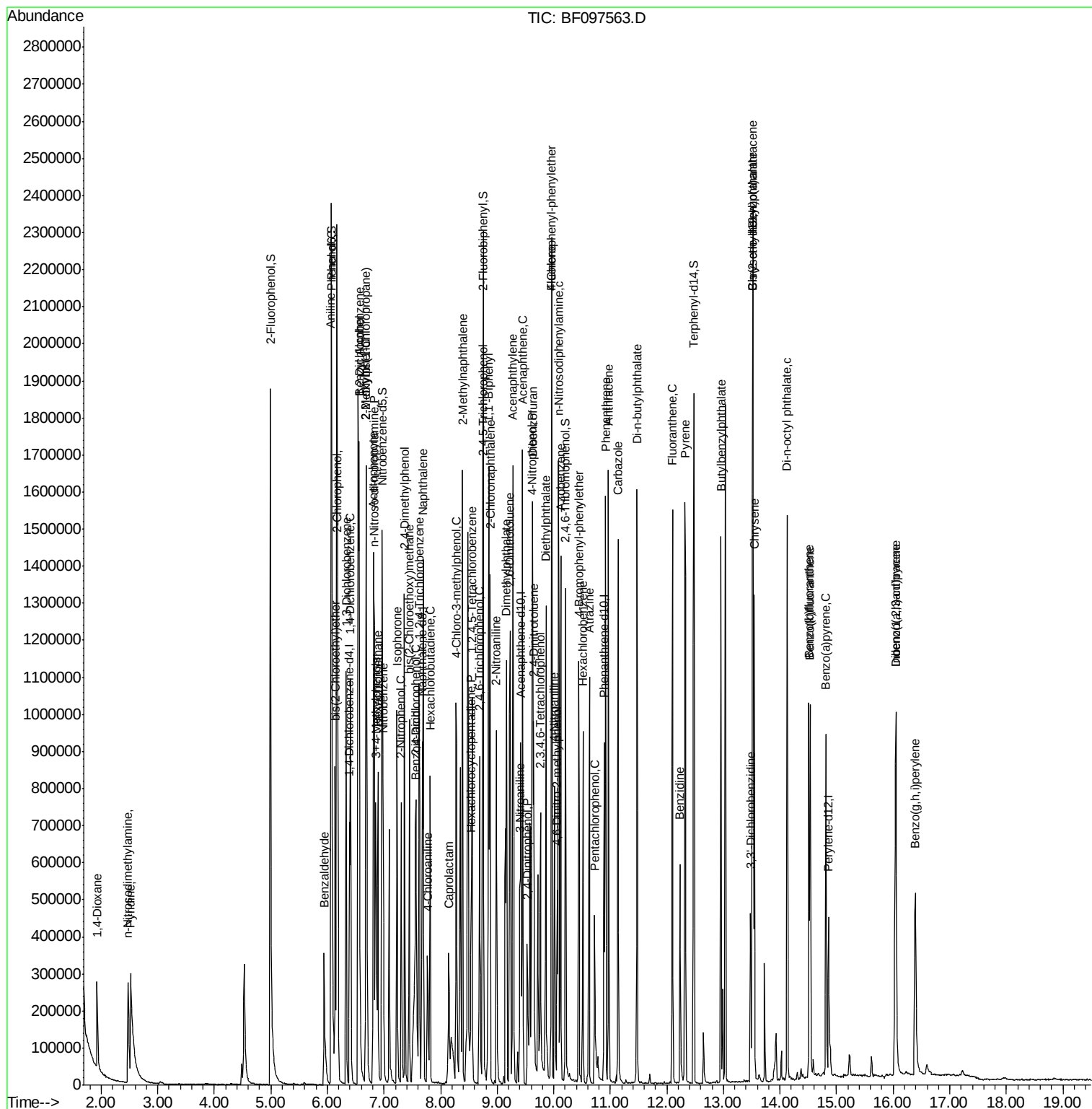
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\  
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Operator  : SJ/JU  
Sample    : PB101428BS  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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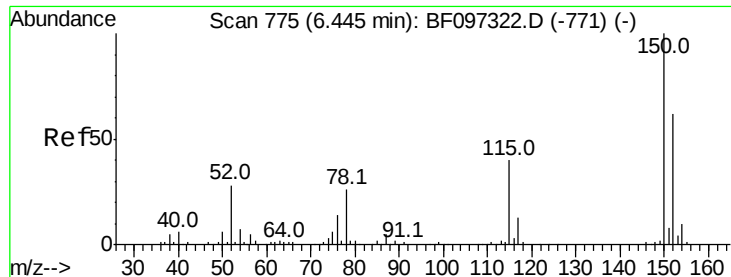
Instrument :
BNA_F
ClientSampleId :
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#1

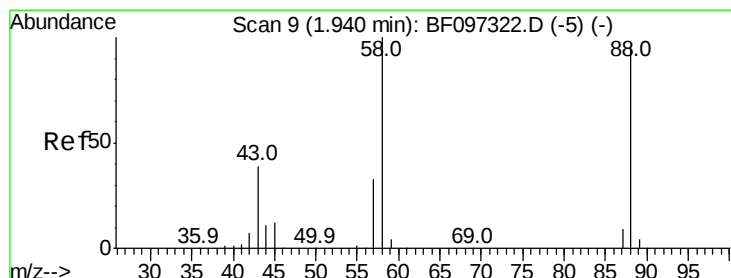
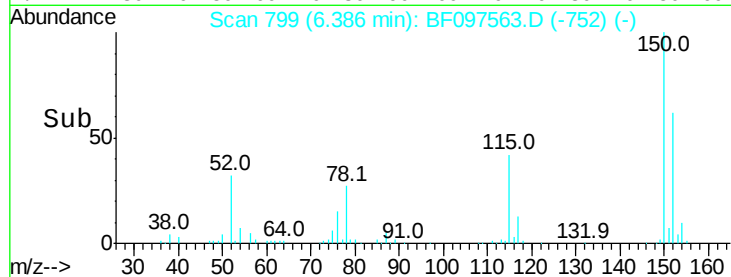
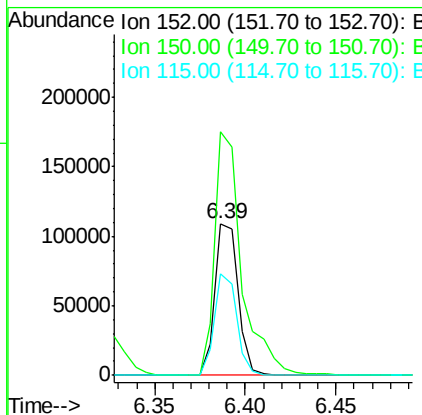
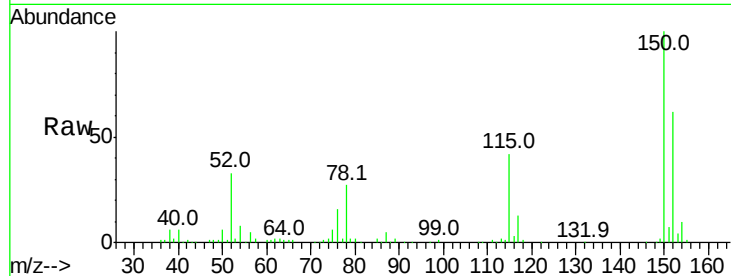
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	67.2	52.2	78.2

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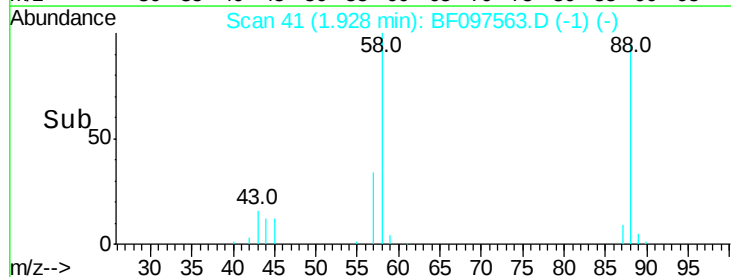
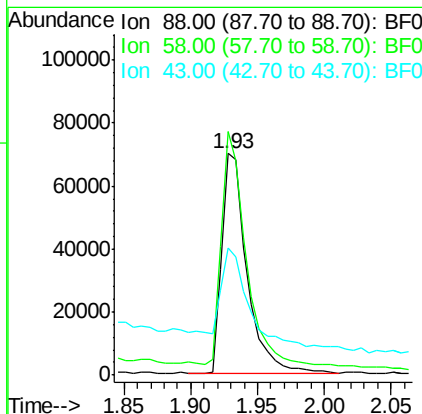
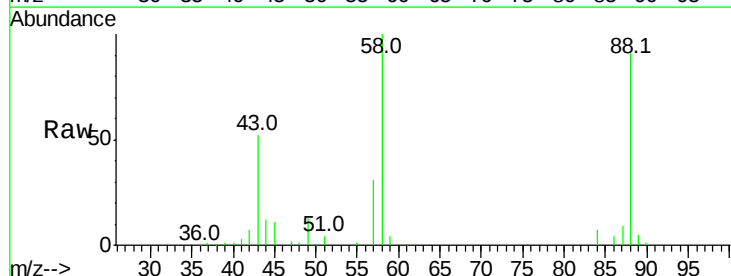
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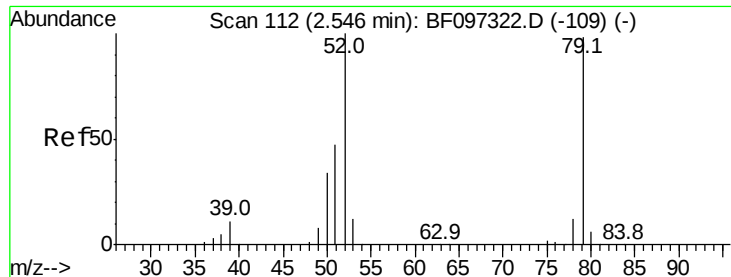


#2

1,4-Dioxane
Concen: 35.022 ng
RT: 1.93 min Scan# 41
Delta R.T. 0.03 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.0	61.4	92.0#
43	81.6	23.4	35.0#





#3

Pvridine

Concen: 32.815 ng

RT: 2.52 min Scan# 142

Delta R.T. 0.03 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

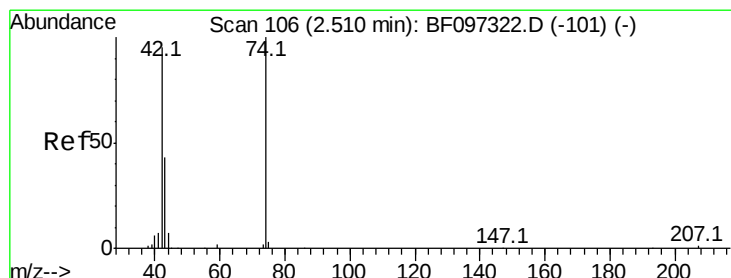
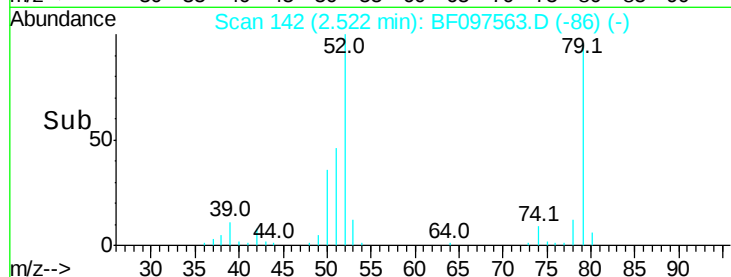
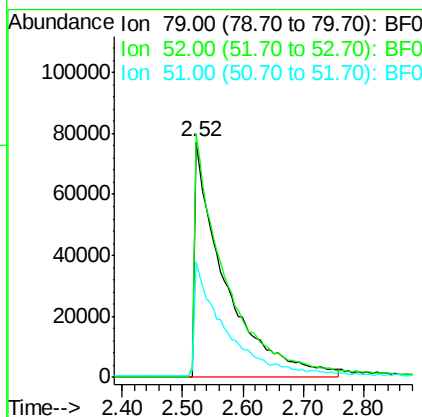
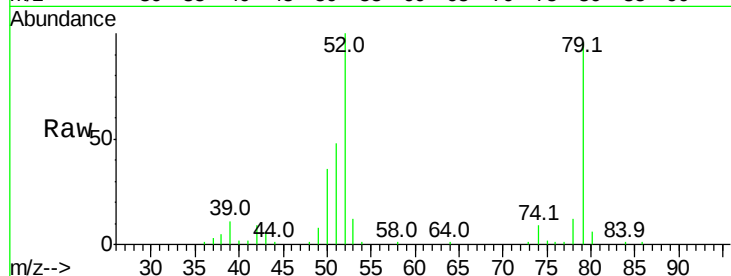
ClientSampleId :

PB101428BS

Tot Ion:	79	Resp:	270081
Ion Ratio	Lower	Upper	
79	100		
52	103.6	54.8	82.2#
51	49.4	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 35.251 ng

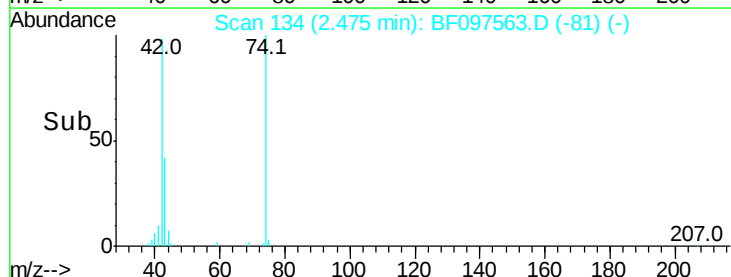
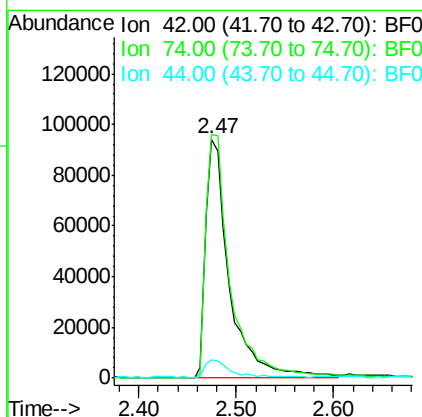
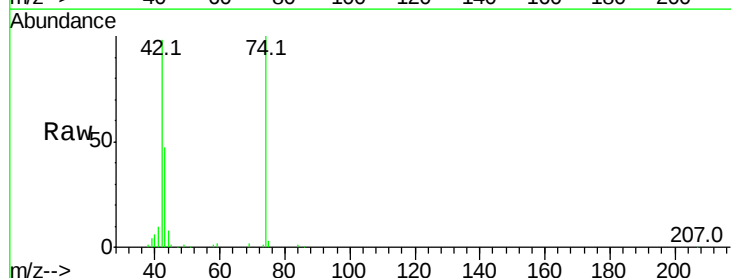
RT: 2.47 min Scan# 134

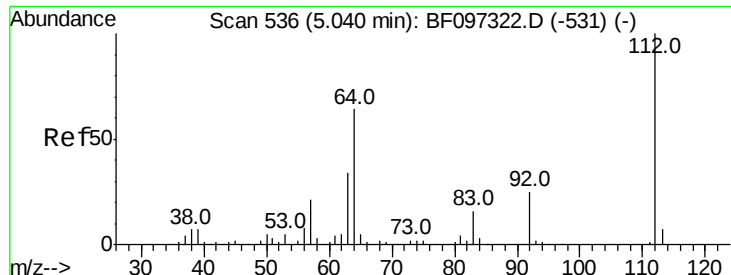
Delta R.T. 0.01 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	42	Resp:	160729
Ion Ratio	Lower	Upper	
42	100		
74	102.0	103.9	155.9#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 115.375 ng

RT: 4.99 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

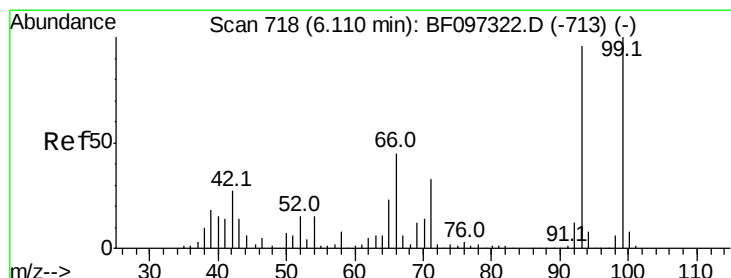
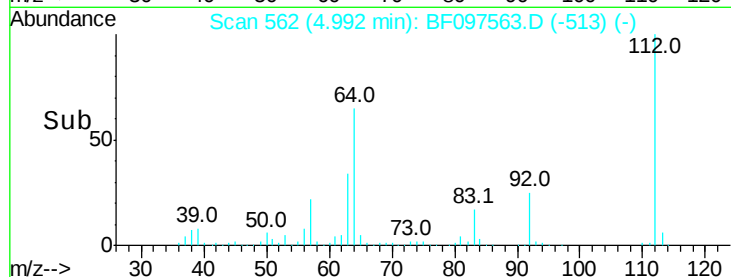
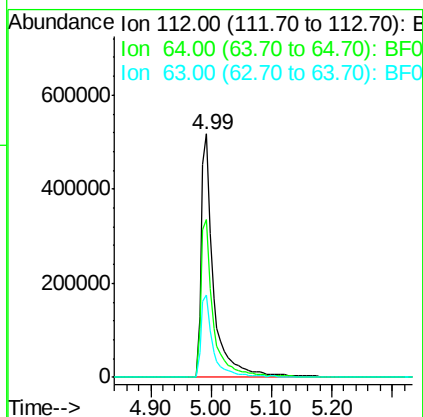
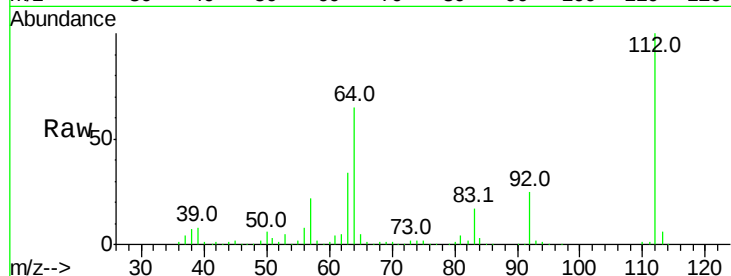
ClientSampleId :

PB101428BS

Tot Ion:	112	Resp:	743108
Ion Ratio	Lower	Upper	
112	100		
64	64.7	46.0	69.0
63	33.7	23.4	35.0

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#6

Aniline

Concen: 22.554 ng

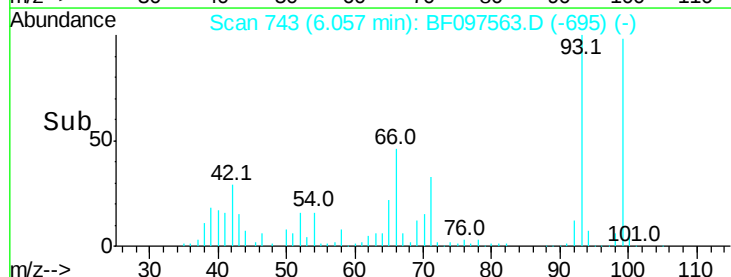
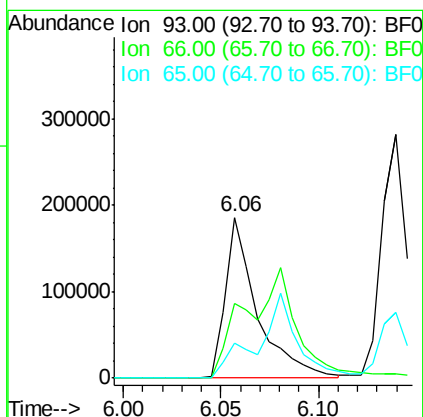
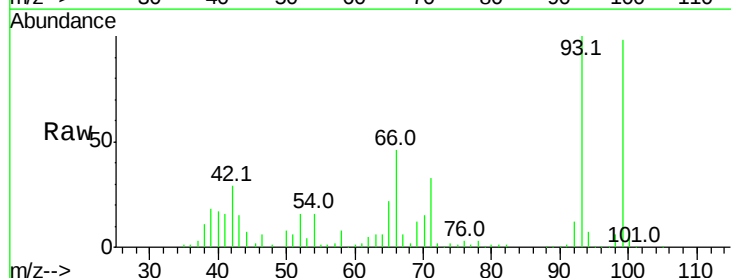
RT: 6.06 min Scan# 743

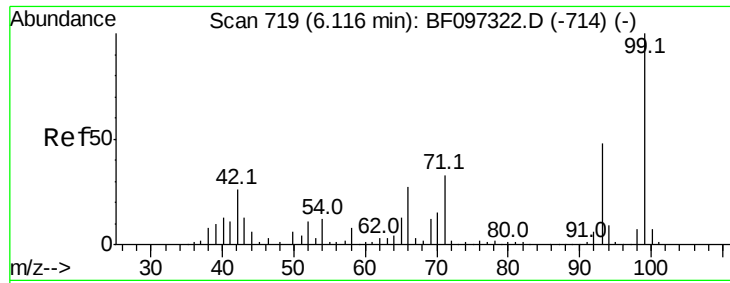
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	93	Resp:	208690
Ion Ratio	Lower	Upper	
93	100		
66	46.4	32.9	49.3
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 108.965 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB101428BS

Tot Ion: 99 Resp: 801209

Ion Ratio Lower Upper

99 100

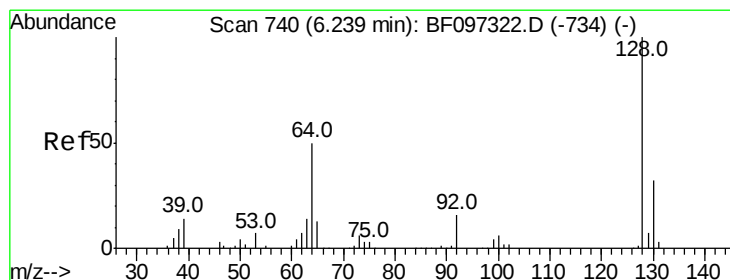
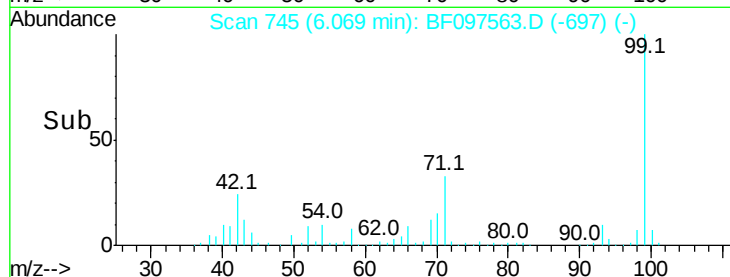
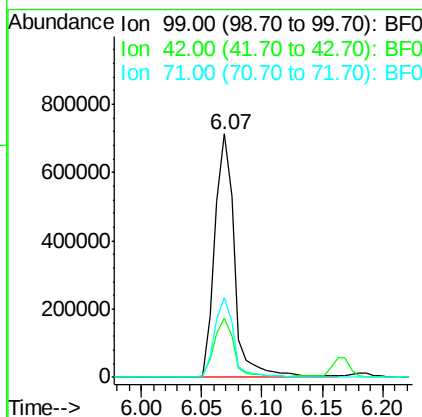
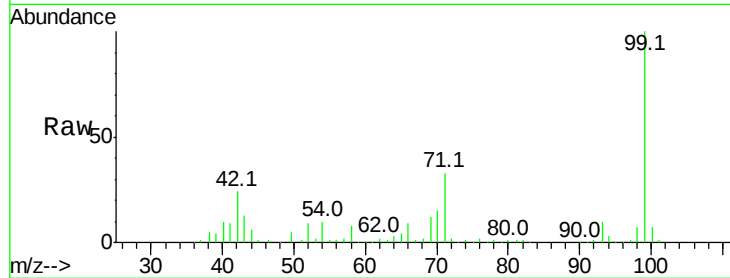
42 24.2 13.5 20.3#

71 32.5 24.5 36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.937 ng

RT: 6.18 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

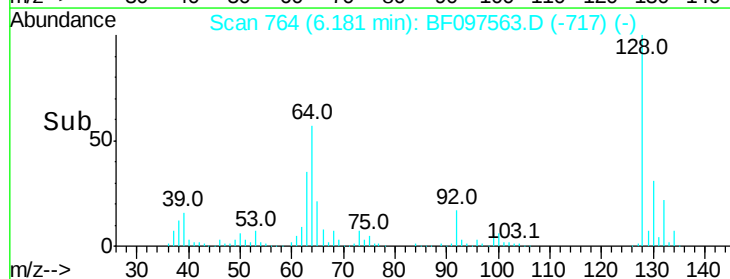
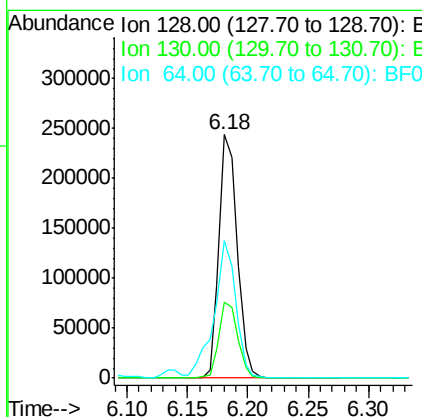
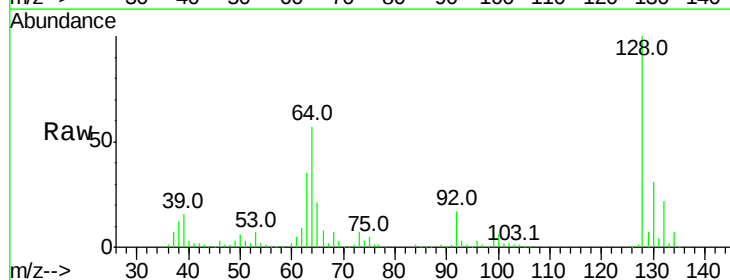
Tgt Ion: 128 Resp: 254383

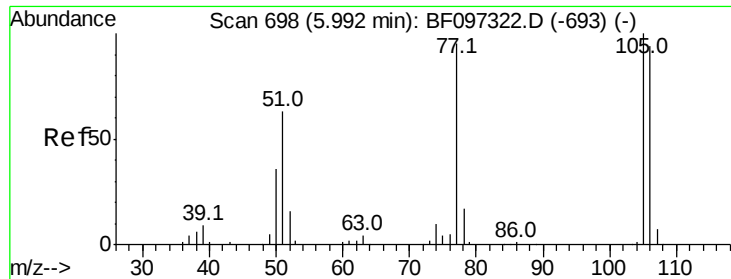
Ion Ratio Lower Upper

128 100

130 31.3 12.9 52.9

64 56.6 28.4 68.4





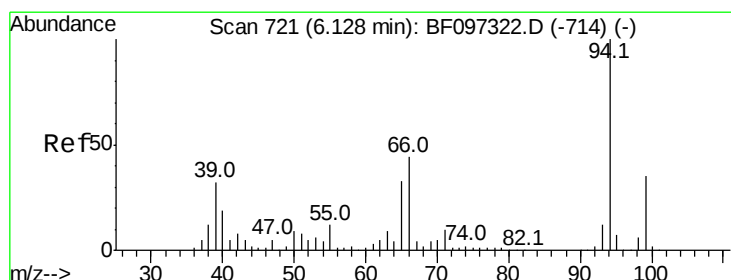
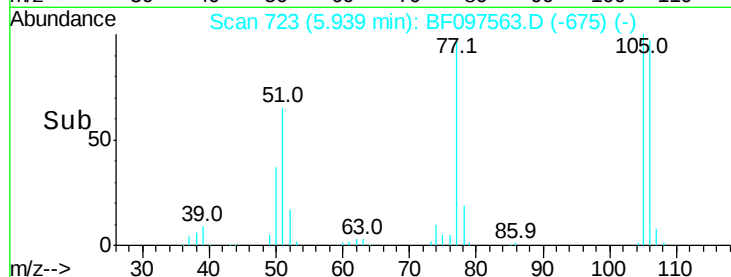
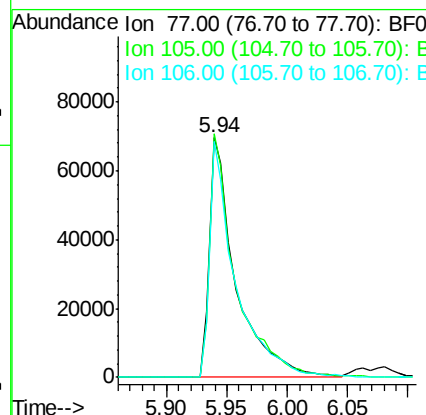
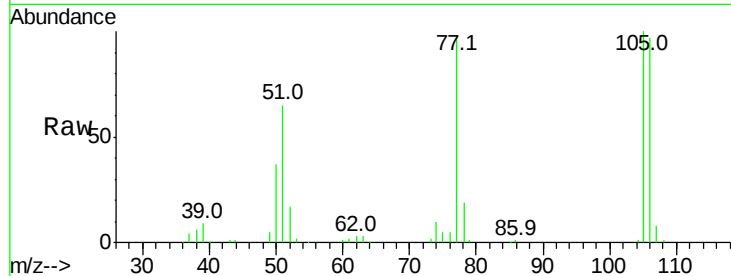
#9
Benzaldehyde
Concen: 24.262 ng
RT: 5.94 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF097563.D
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Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.8	123.8
106	98.2	79.1	119.1

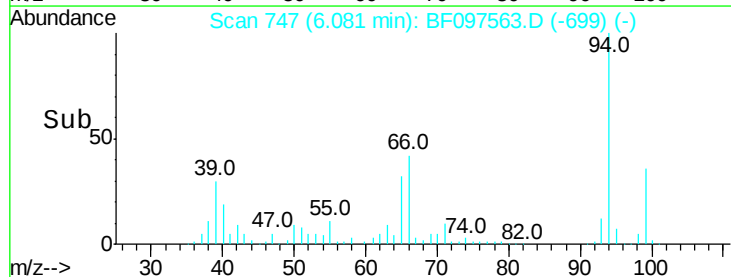
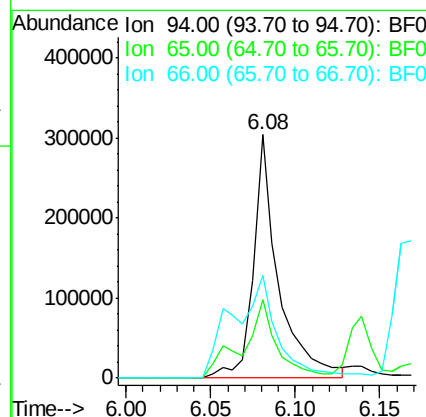
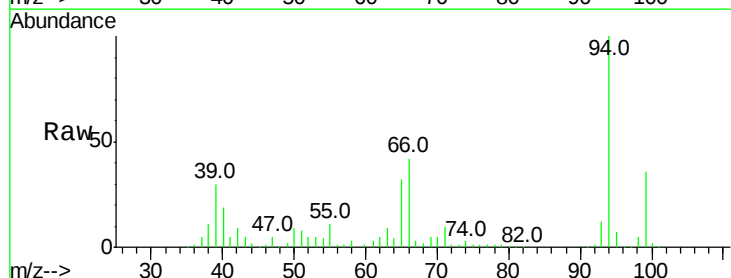
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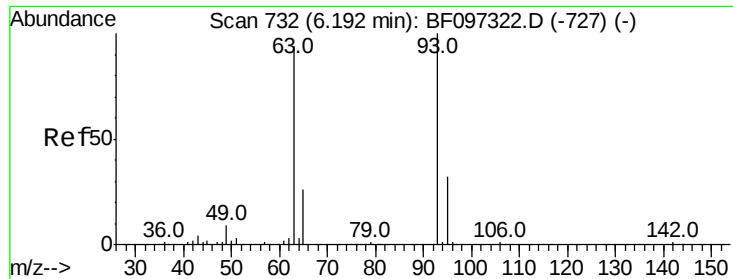
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#10
Phenol
Concen: 36.436 ng
RT: 6.08 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.5	9.9	49.9
66	42.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 35.824 ng

RT: 6.14 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

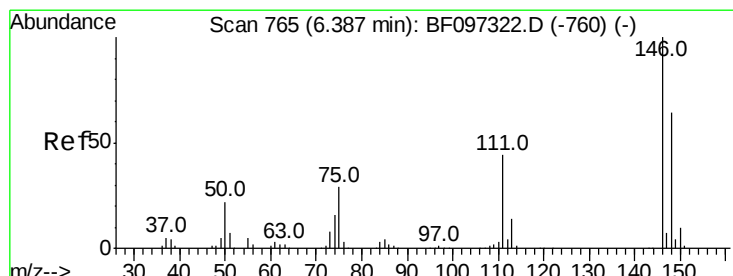
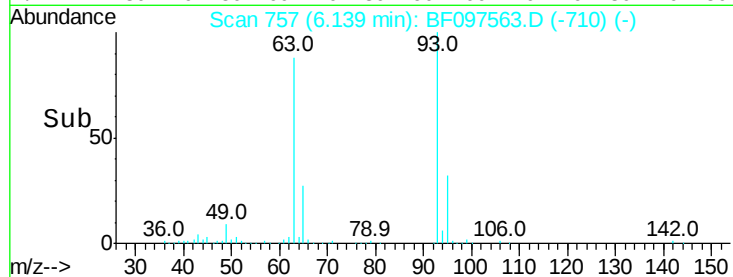
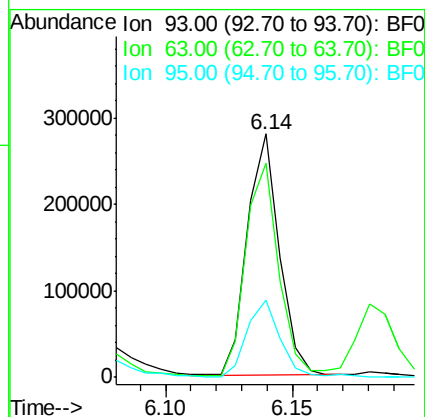
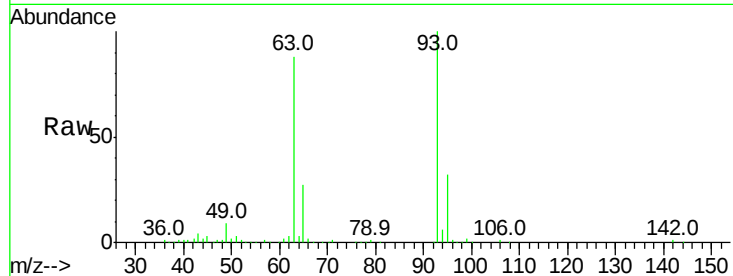
ClientSampleId :

PB101428BS

Tot Ion:	93	Resp:	247114
Ion Ratio	Lower	Upper	
93	100		
63	88.2	59.2	99.2
95	31.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 35.870 ng

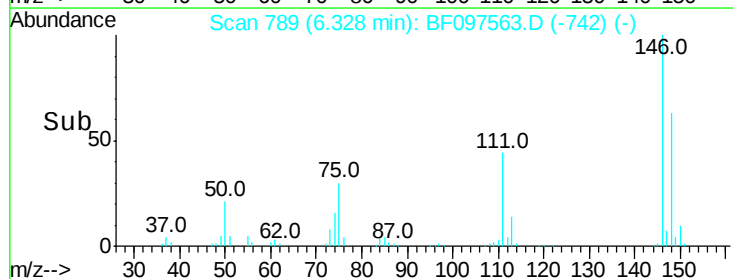
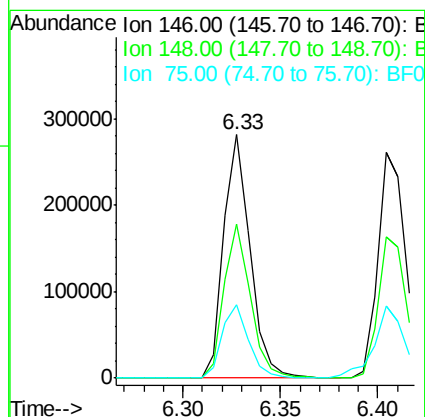
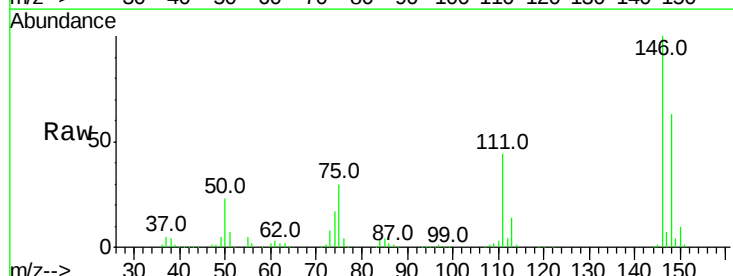
RT: 6.33 min Scan# 789

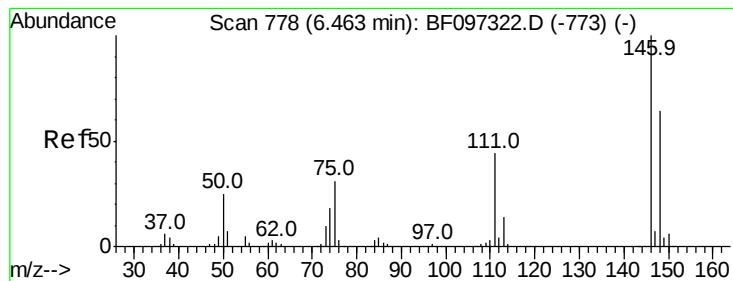
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	146	Resp:	266226
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.6
75	30.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.208 ng

RT: 6.40 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

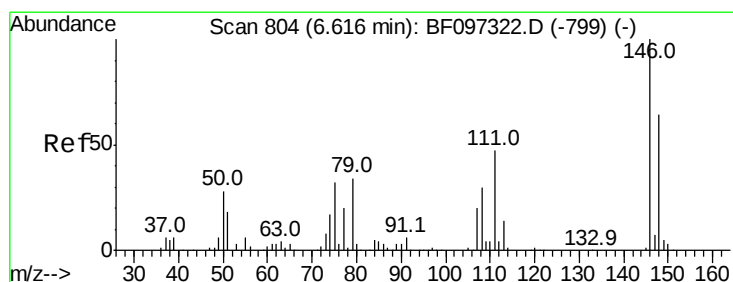
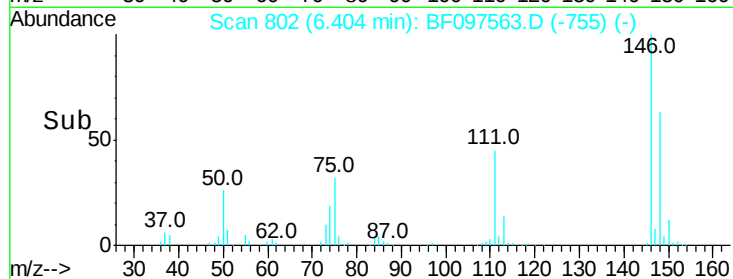
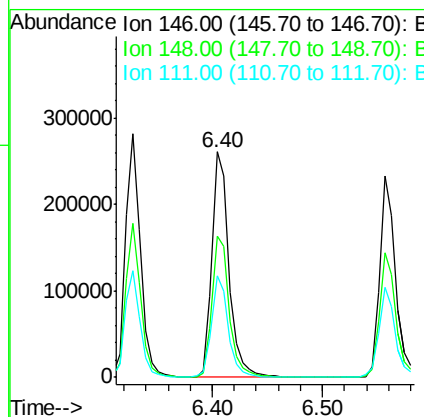
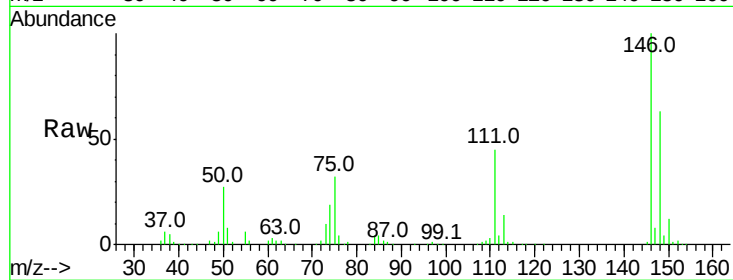
ClientSampleId :

PB101428BS

Tot Ion:	146	Resp:	273676
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.2	78.2
111	45.1	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 37.041 ng

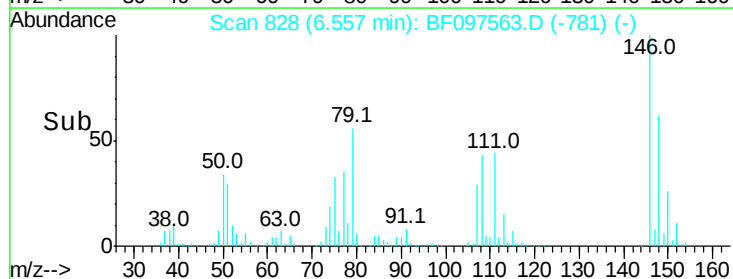
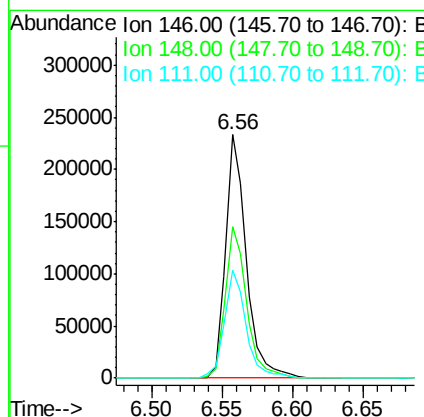
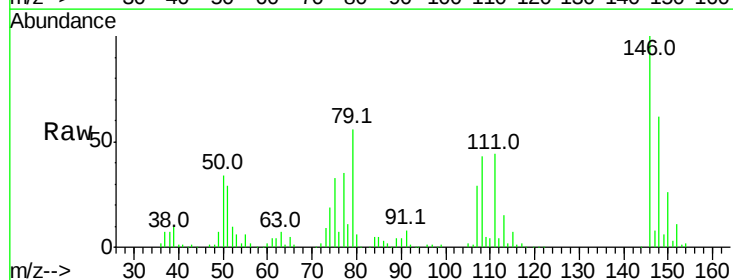
RT: 6.56 min Scan# 828

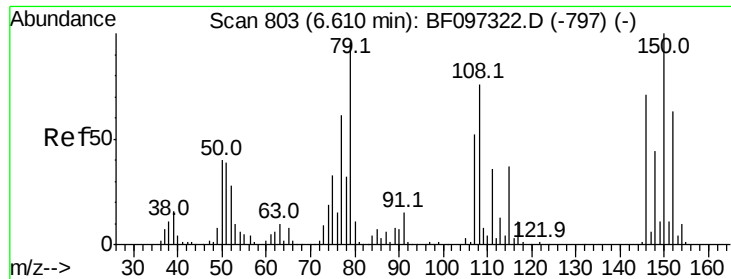
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	146	Resp:	237880
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.4	75.6
111	44.5	38.2	57.4





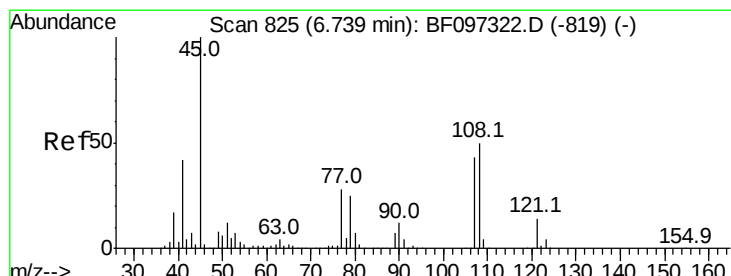
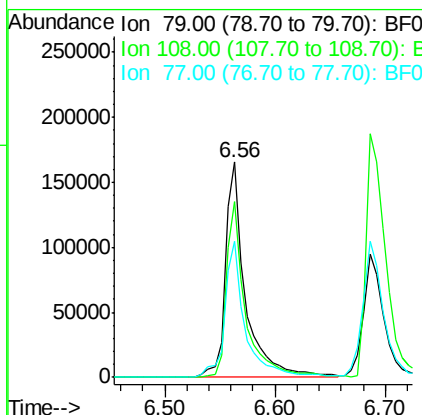
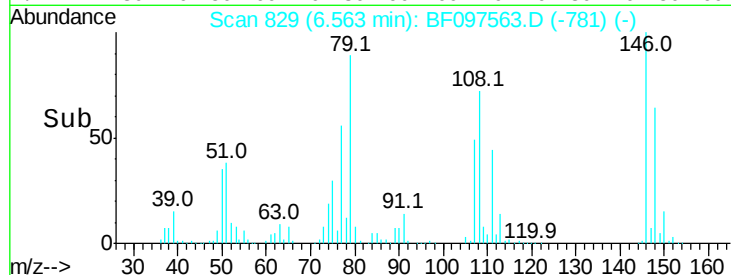
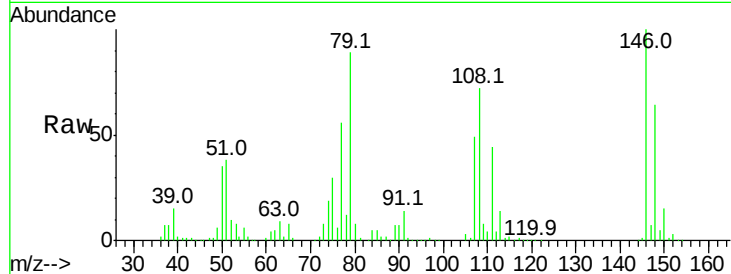
#15
Benzyl Alcohol
Concen: 45.360 ng
RT: 6.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleID :
PB101428BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	63.4	95.0
77	63.1	49.2	73.8

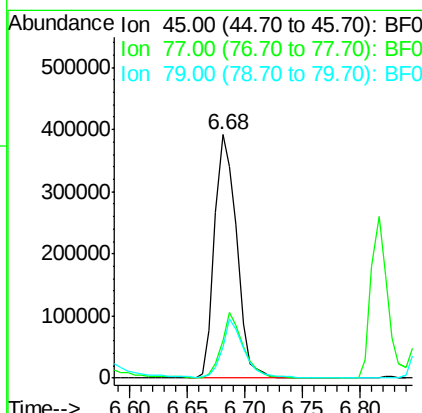
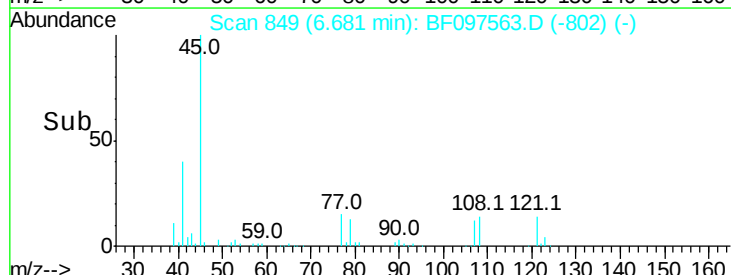
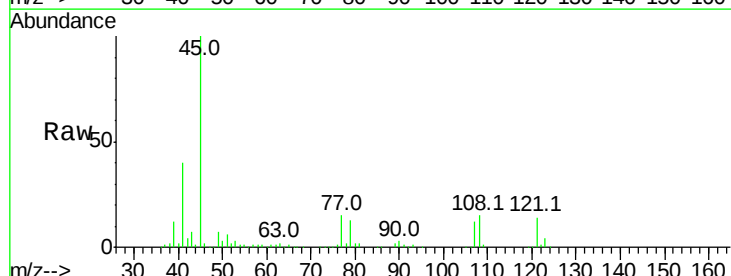
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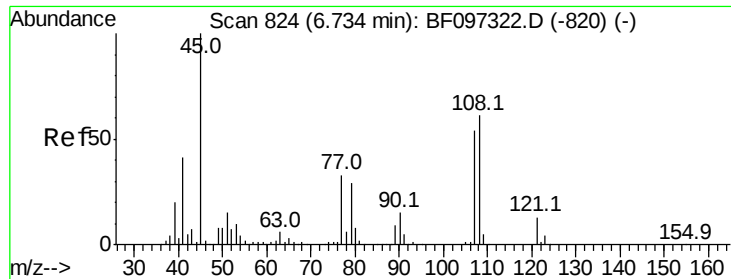
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.575 ng
RT: 6.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	33.2
79	12.9	0.0	30.0





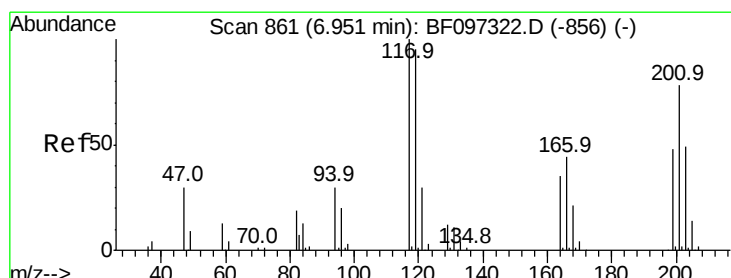
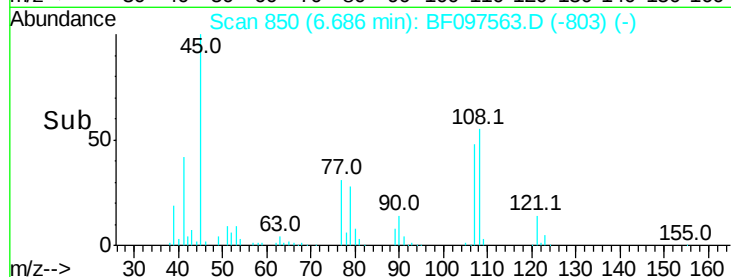
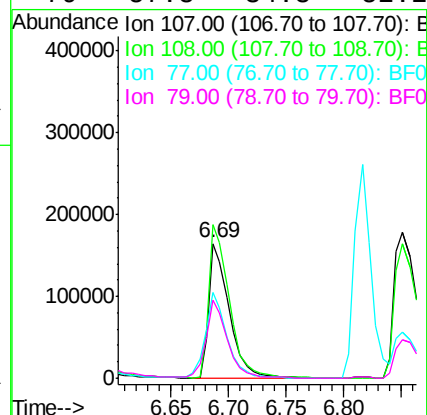
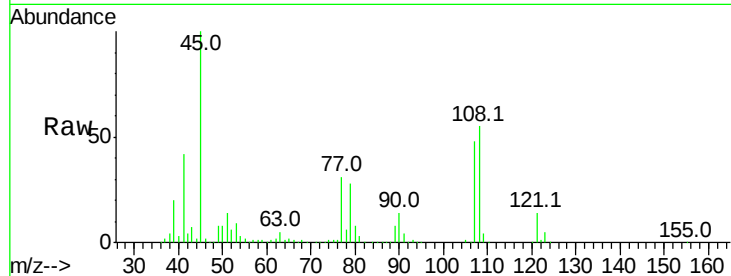
#17
2-Methylphenol
Concen: 38.509 ng
RT: 6.69 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.4	140.0	
77	63.8	35.8	53.6#	
79	57.8	34.8	52.2#	

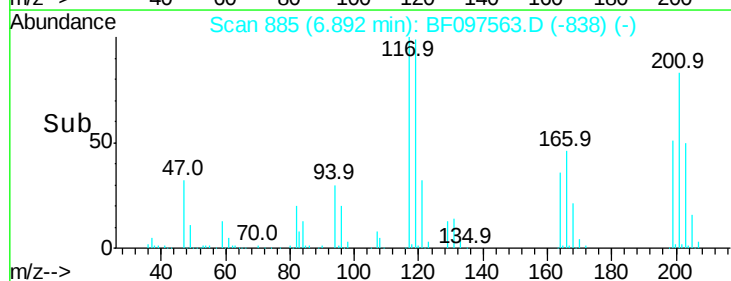
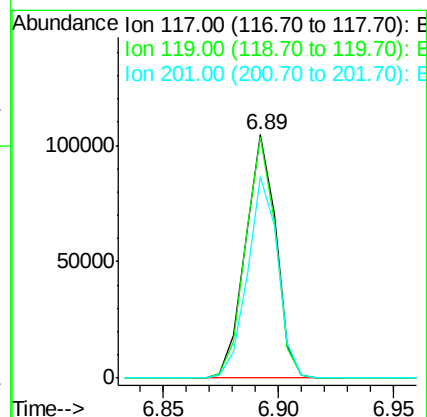
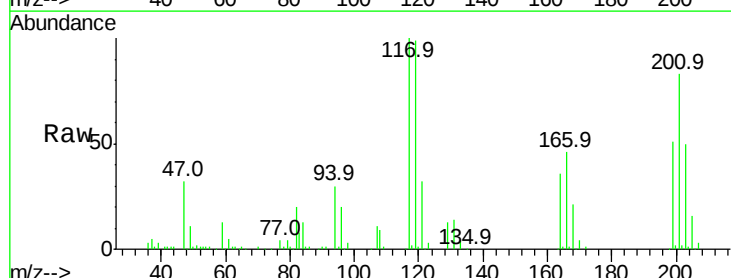
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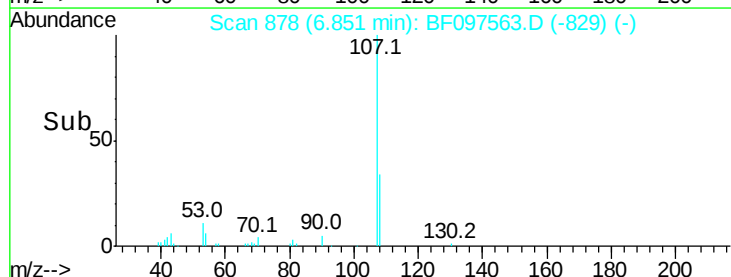
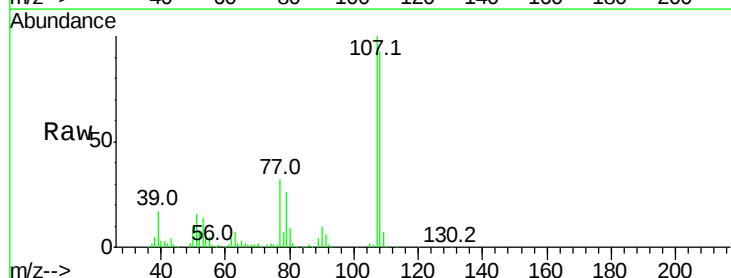
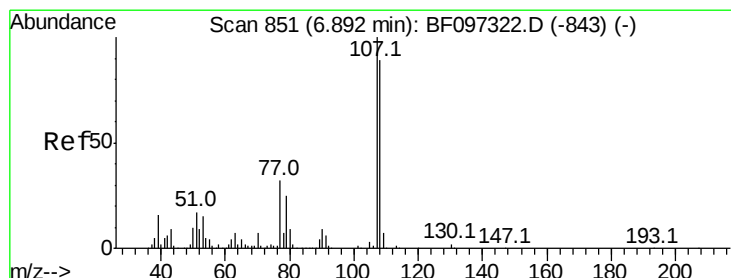
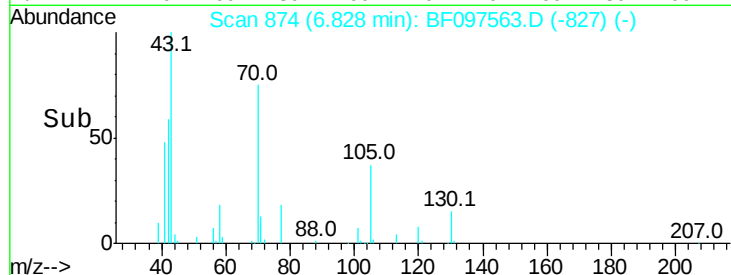
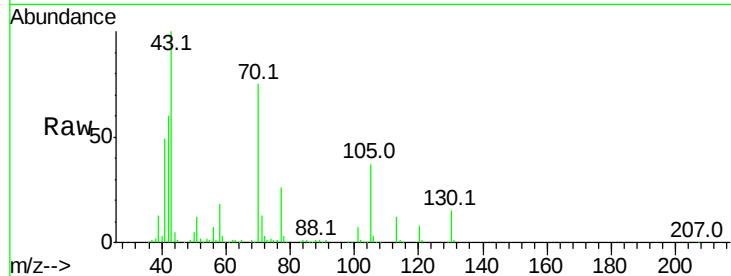
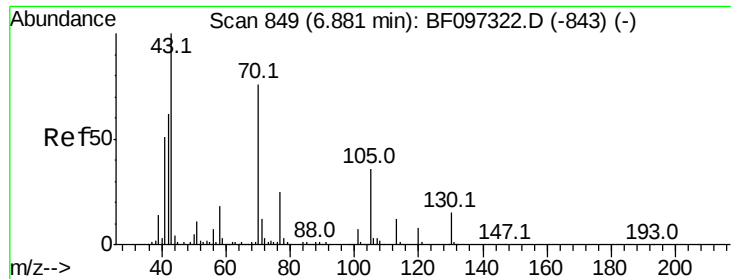
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#18
Hexachloroethane
Concen: 36.106 ng
RT: 6.89 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	77.4	116.0	
201	82.5	94.6	141.8#	





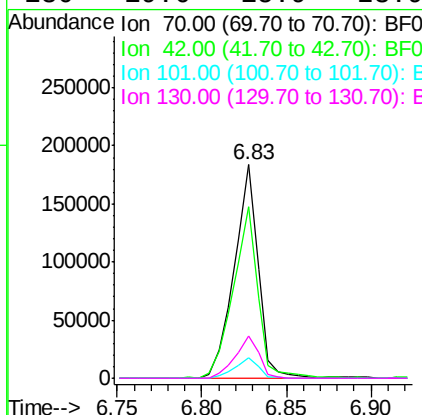
#19
n-Nitroso-di-n-propylamine
Concen: 37.543 ng
RT: 6.83 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.3	47.2	70.8#
101	9.6	7.2	10.8
130	19.6	15.9	23.9

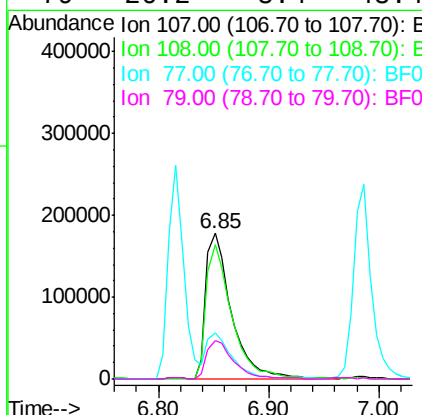
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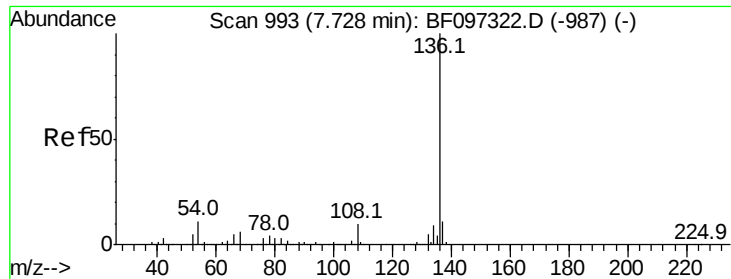
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#20
3+4-Methylphenols
Concen: 40.811 ng
RT: 6.85 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.0	111.0
77	31.6	90.5	130.5#
79	26.2	8.4	48.4





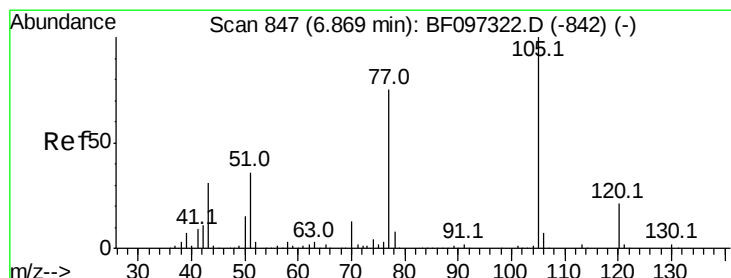
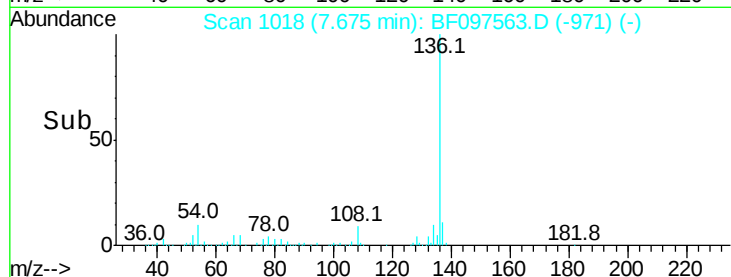
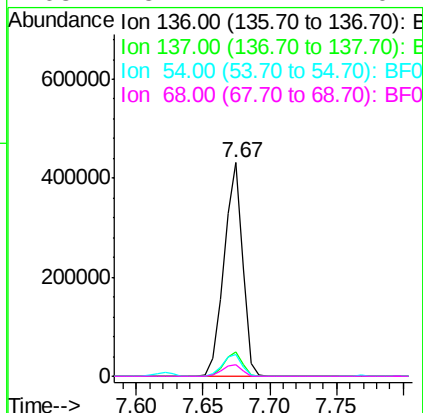
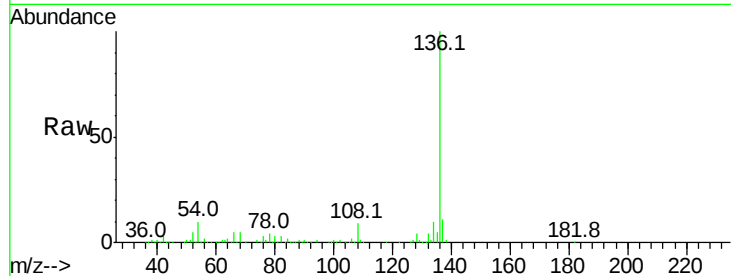
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	10.4	4.9	7.3	
68	5.4	4.1	6.1	

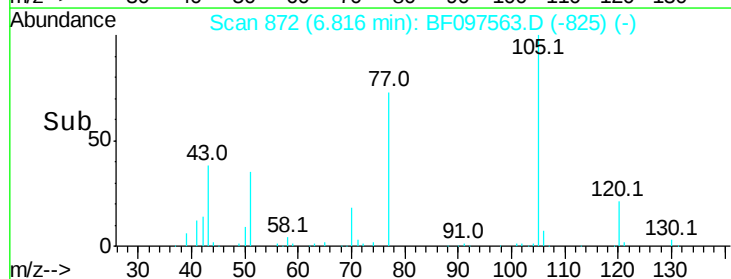
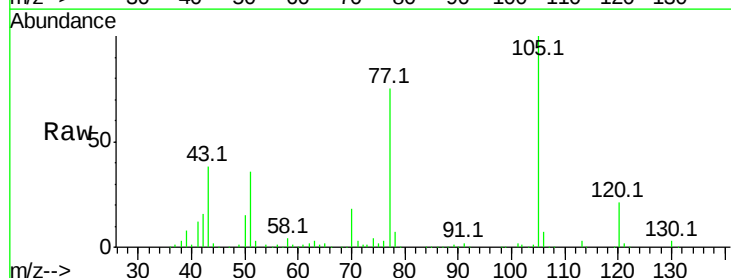
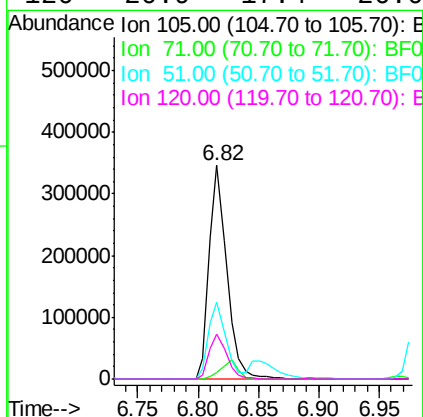
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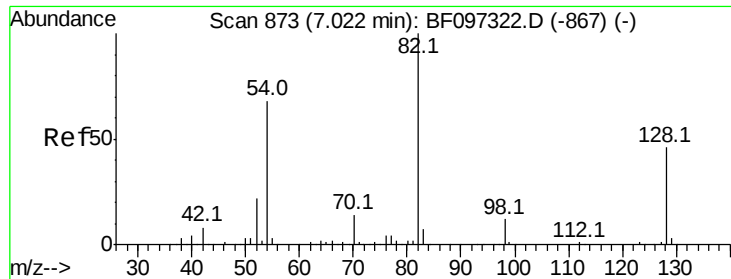
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#22
Acetophenone
Concen: 34.376 ng
RT: 6.82 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	2.8	4.2	
51	36.2	30.7	46.1	
120	20.9	17.4	26.0	





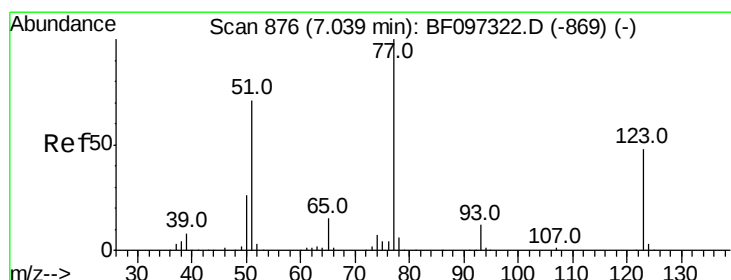
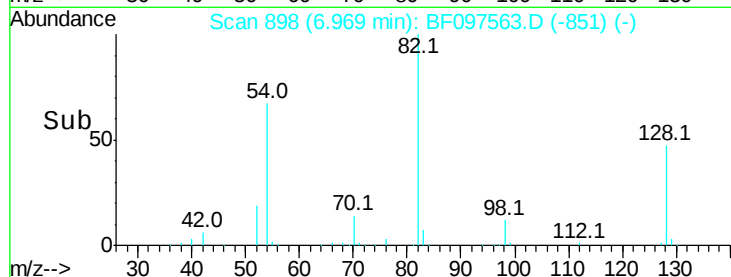
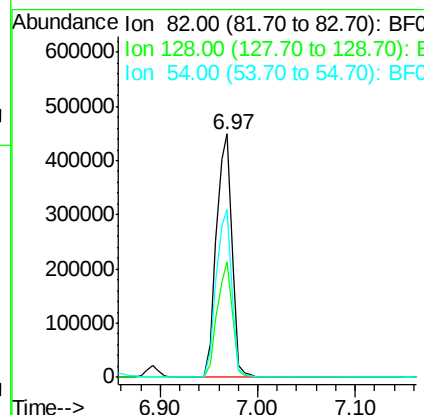
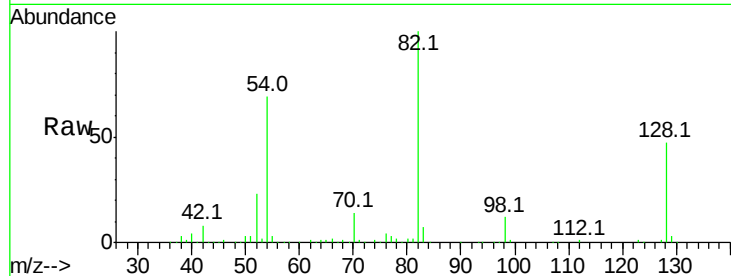
#23
 Nitrobenzene-d5
 Concen: 68.619 ng
 RT: 6.97 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	68.8	42.2	63.2	

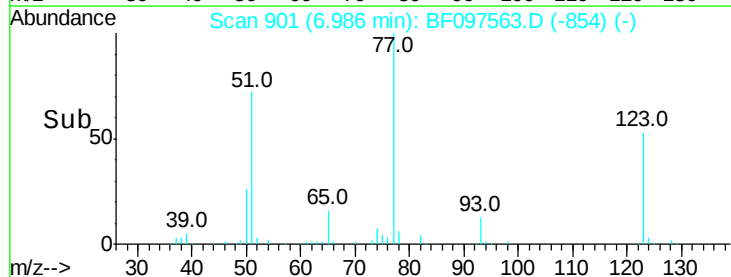
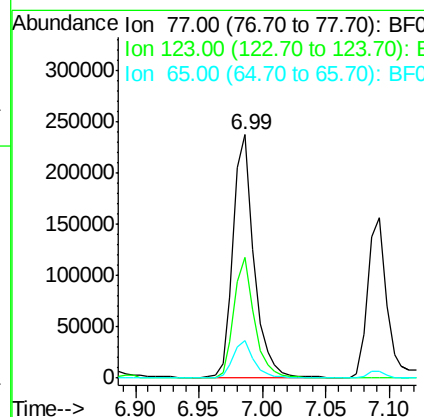
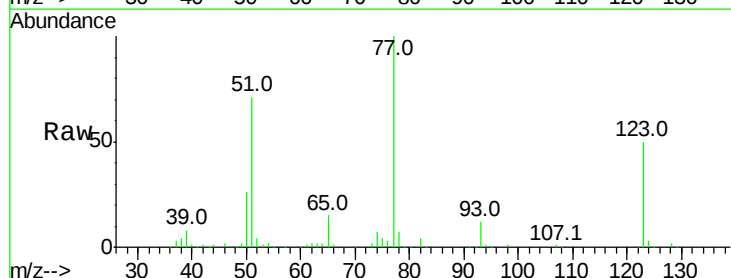
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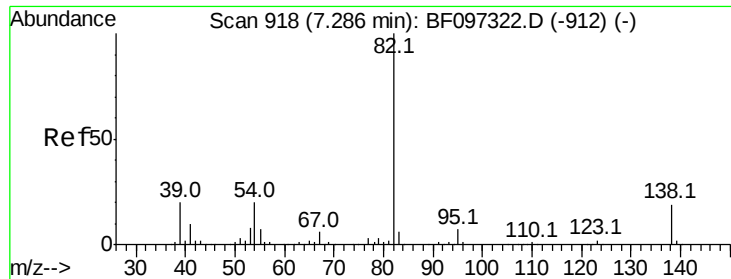
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#24
 Nitrobenzene
 Concen: 35.923 ng
 RT: 6.99 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	35.8	53.8	
65	15.3	10.6	15.8	





#25

Isophorone

Concen: 33.392 ng

RT: 7.23 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

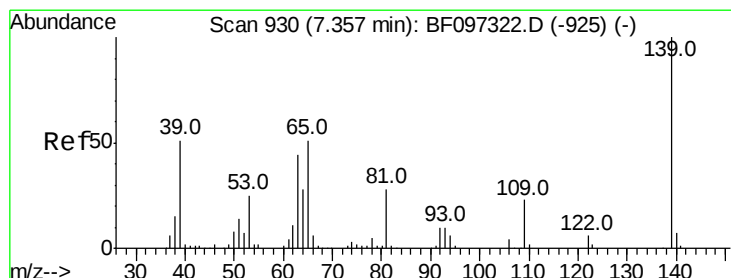
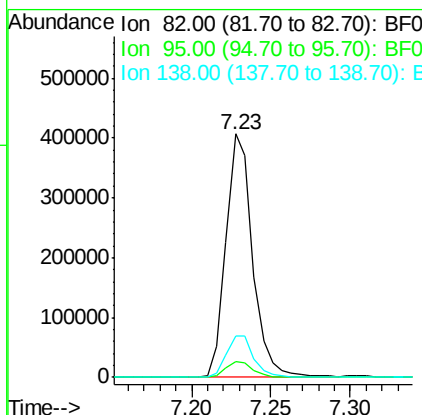
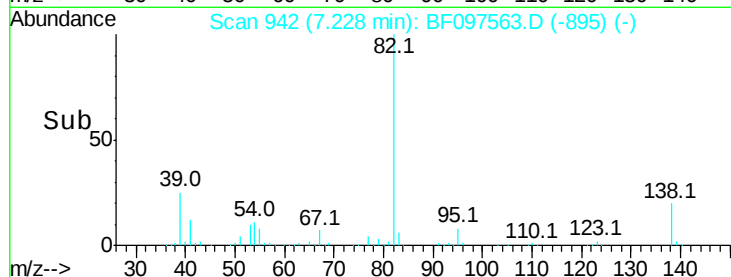
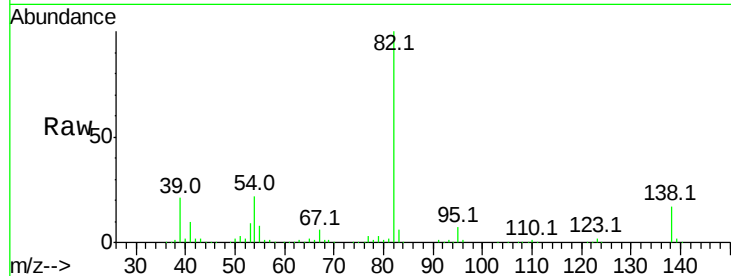
ClientSampleId :

PB101428BS

Tot Ion:	82	Resp:	473390
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	17.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 35.778 ng

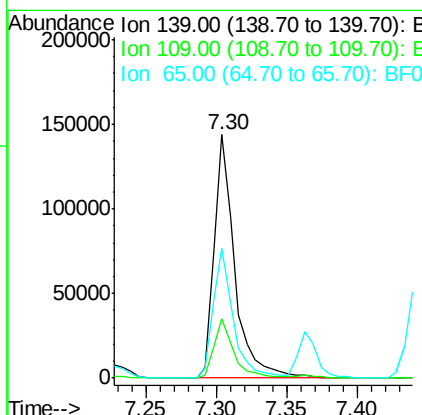
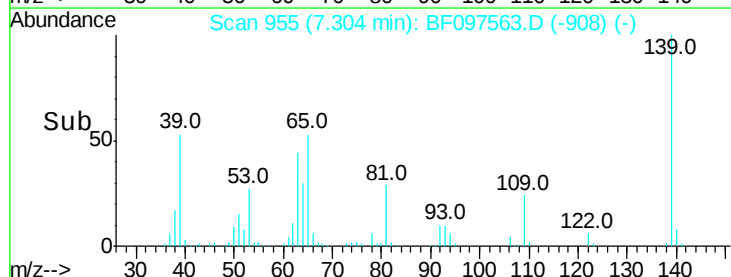
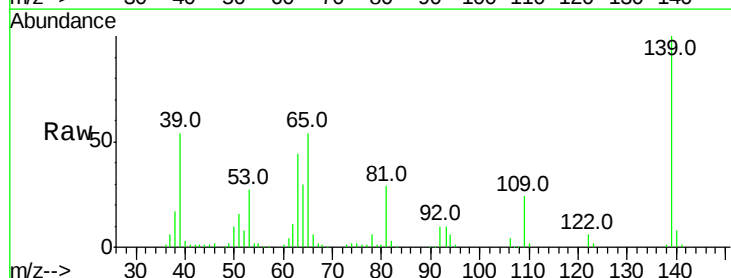
RT: 7.30 min Scan# 955

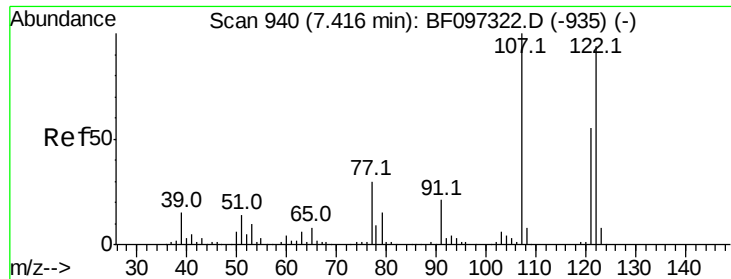
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	139	Resp:	145935
Ion Ratio	Lower	Upper	
139	100		
109	24.4	21.0	31.6
65	53.5	33.0	49.6#





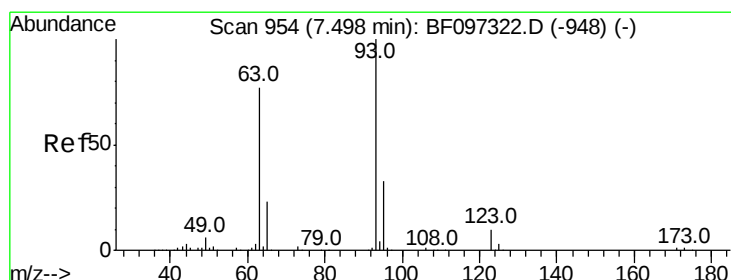
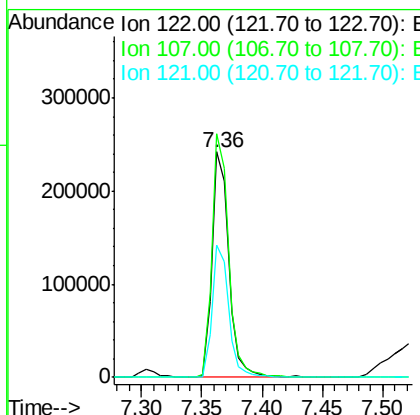
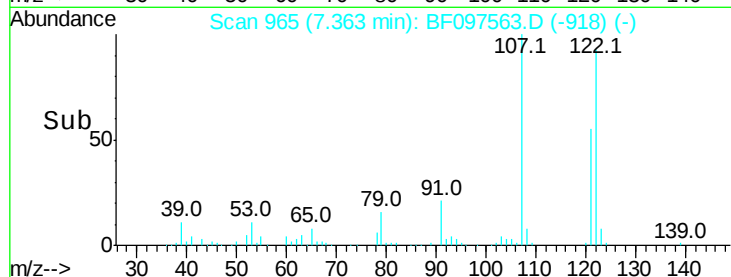
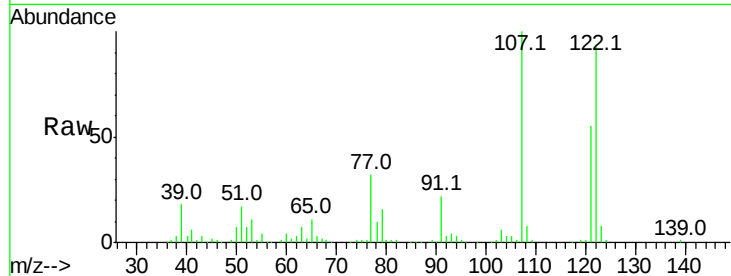
#27
 2,4-Dimethylphenol
 Concen: 34.006 ng
 RT: 7.36 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	228808		
107	108.1	89.2	133.8	
121	58.9	45.2	67.8	

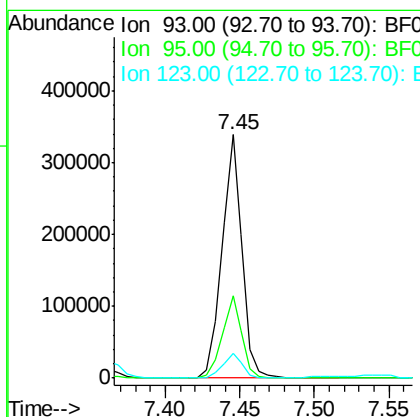
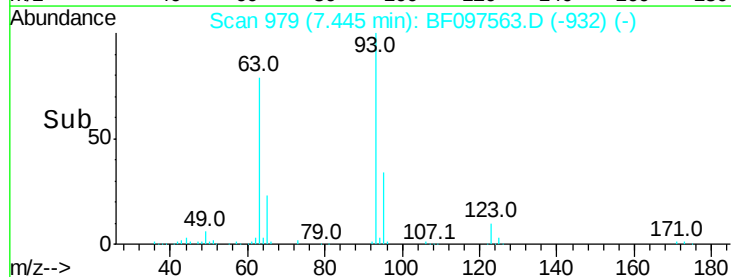
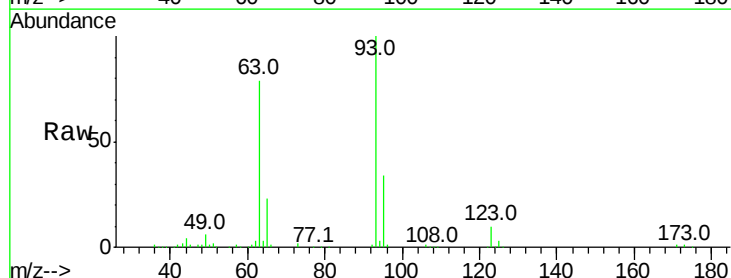
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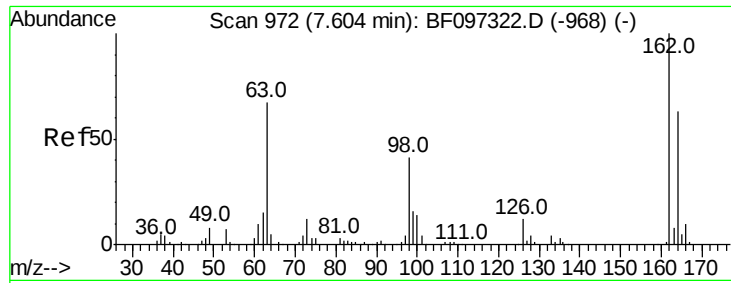
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.561 ng
 RT: 7.45 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319735		
95	33.7	26.5	39.7	
123	10.3	9.0	13.4	





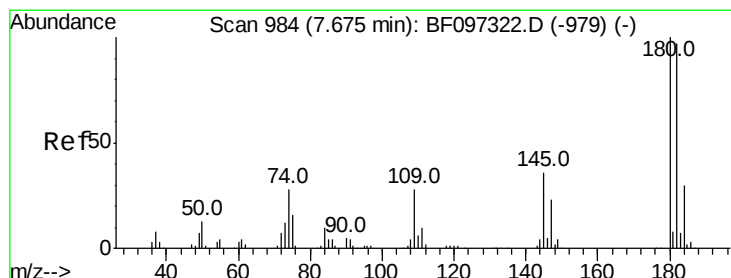
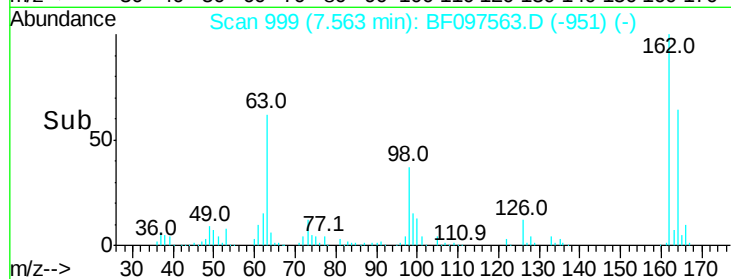
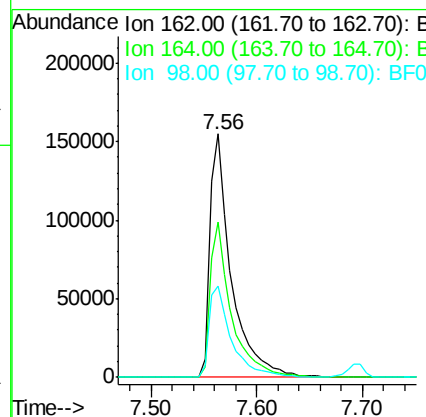
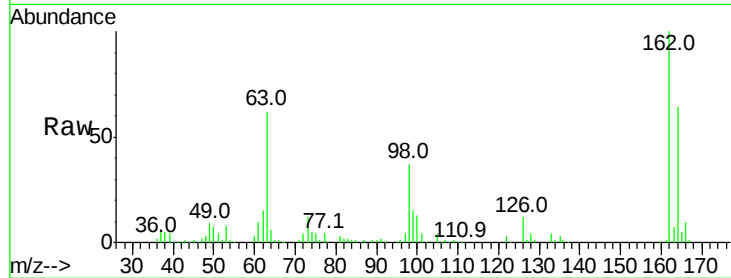
#29
 2,4-Dichlorophenol
 Concen: 37.395 ng
 RT: 7.56 min Scan# 999
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216755		
164	63.6		44.6	84.6
98	37.3		14.8	54.8

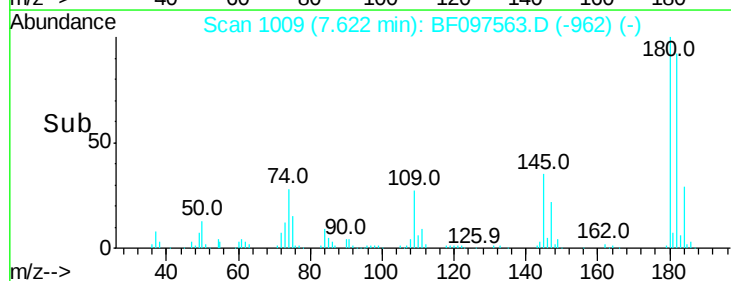
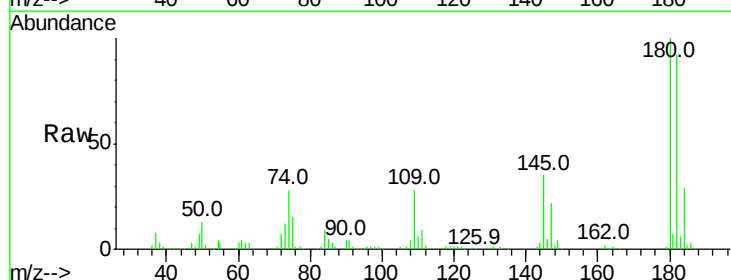
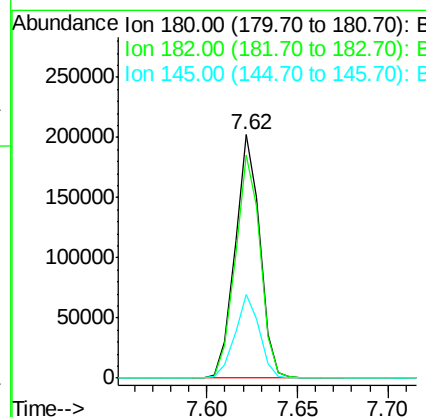
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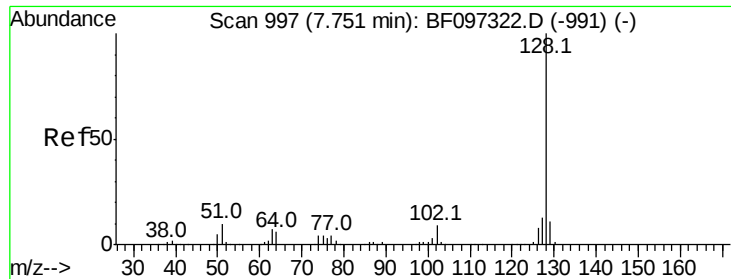
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.659 ng
 RT: 7.62 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191493		
182	91.8		75.8	113.6
145	34.6		25.3	37.9





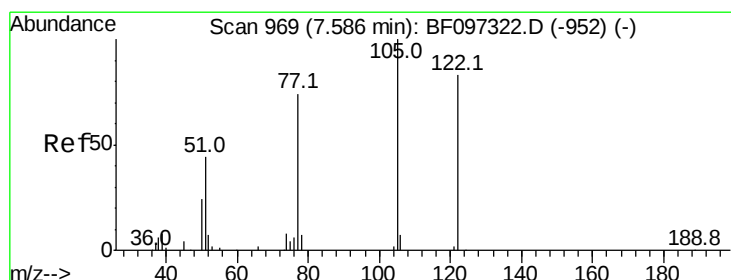
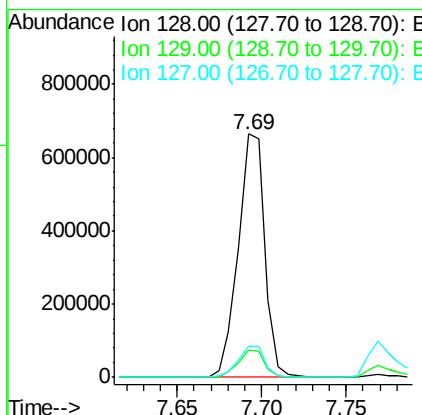
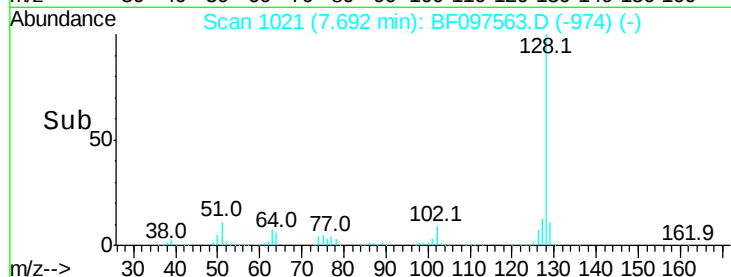
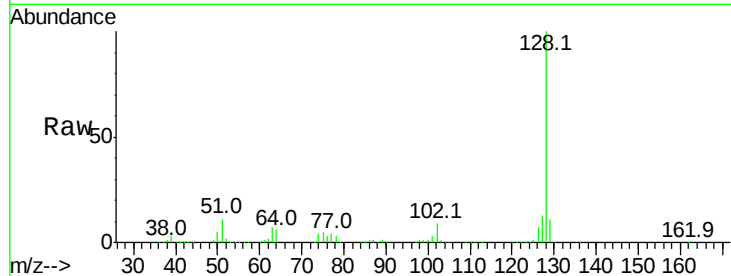
#31
Naphthalene
Concen: 36.362 ng
RT: 7.69 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.0	10.8	16.2	

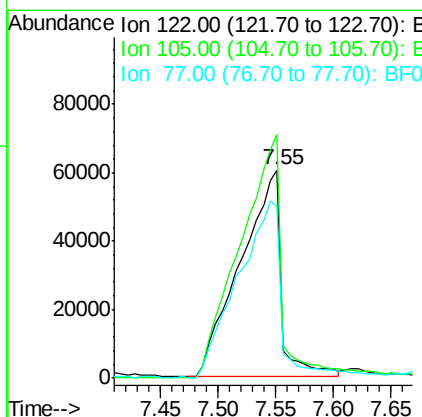
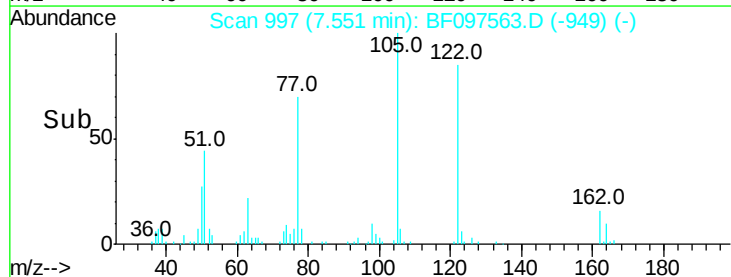
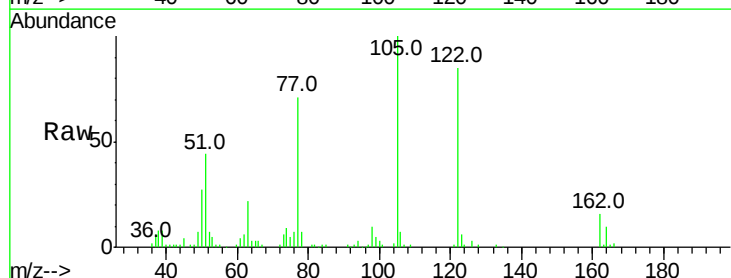
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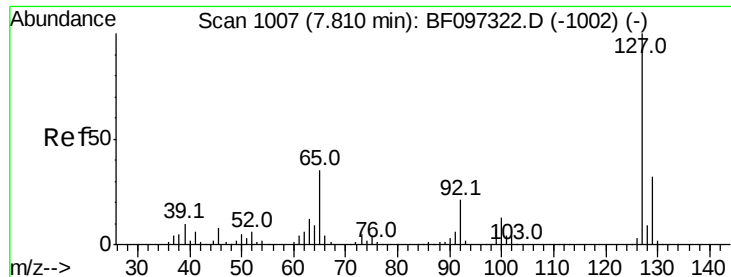
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#32
Benzoic acid
Concen: 29.942 ng
RT: 7.55 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.0	103.3	143.3	
77	82.5	73.7	113.7	





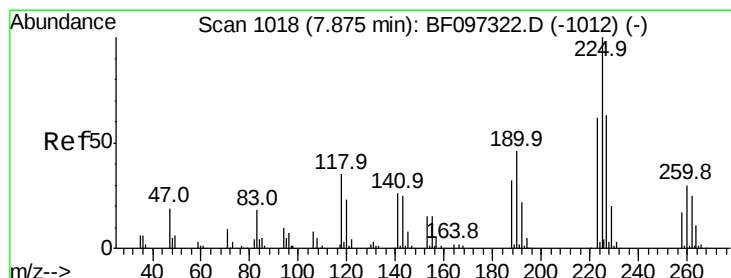
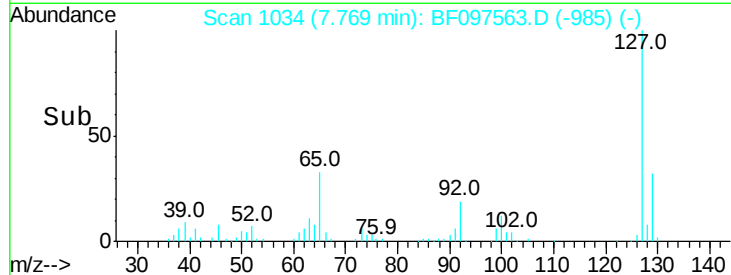
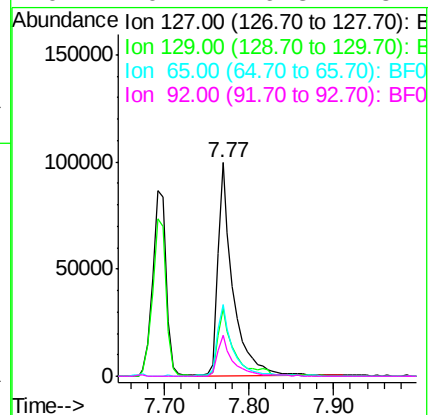
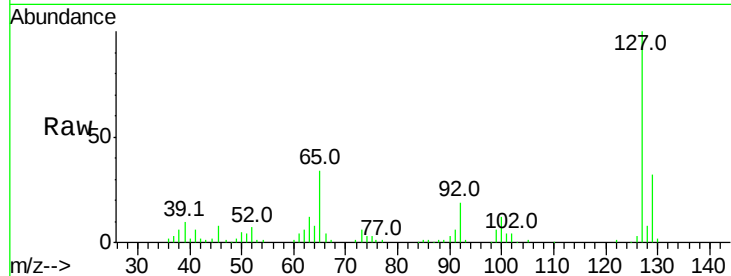
#33
4-Chloroaniline
Concen: 15.535 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.2	39.2		
65	33.5	27.8	41.8		
92	19.1	16.8	25.2		

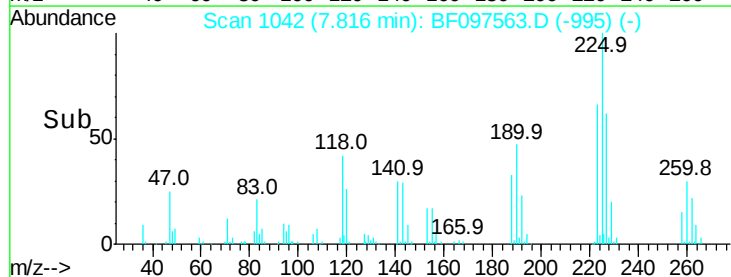
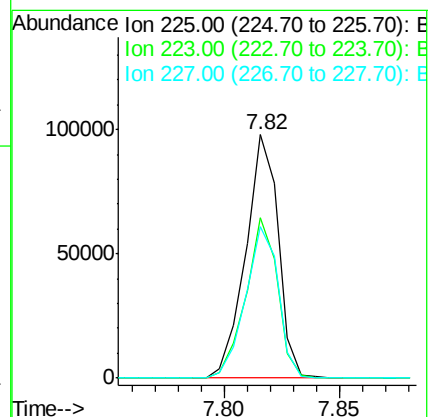
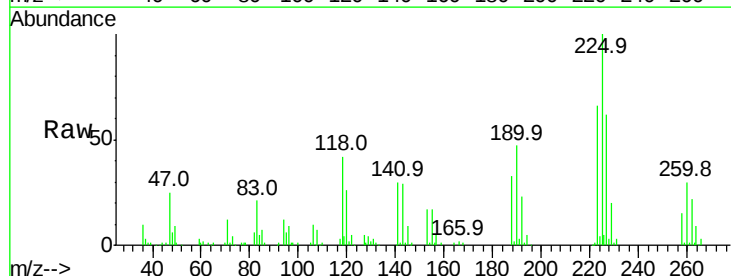
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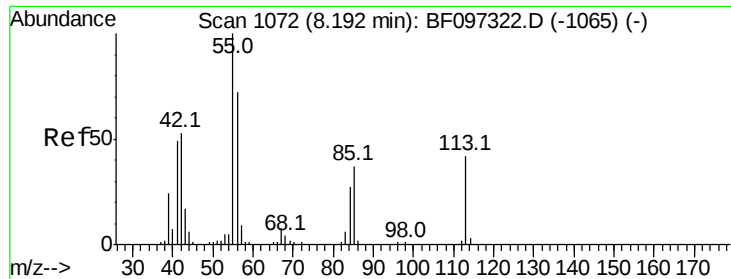
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#34
Hexachlorobutadiene
Concen: 32.943 ng
RT: 7.82 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.9	48.8	73.2		
227	62.3	51.1	76.7		





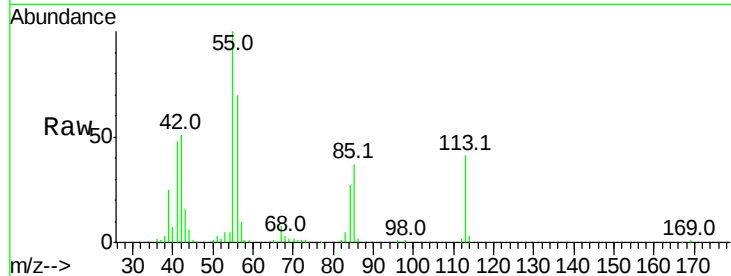
#35
 Caprolactam
 Concen: 40.953 ng/ml
 RT: 8.15 min Scan# 1098
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleID :
 PB101428BS

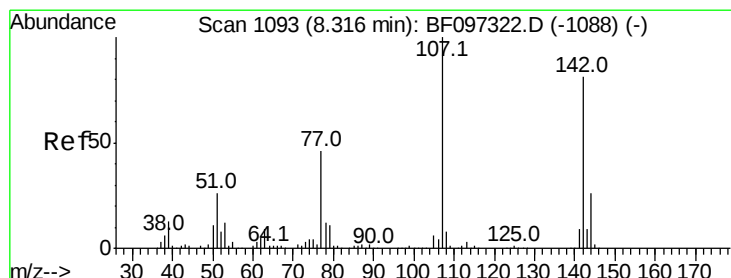
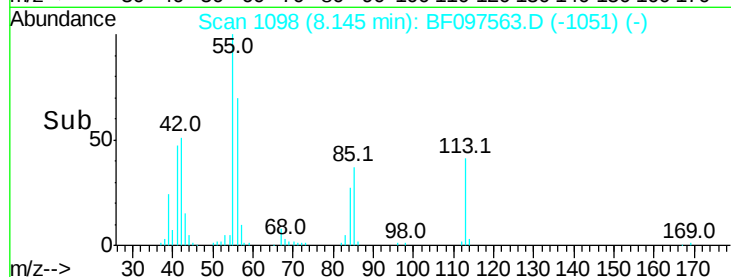
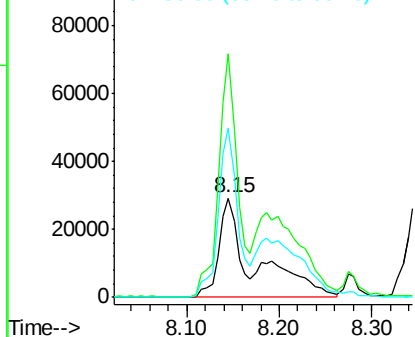
Tot Ion	Ratio	Lower	Upper
113	100		
55	246.0	150.2	190.2#
56	171.3	107.8	147.8#

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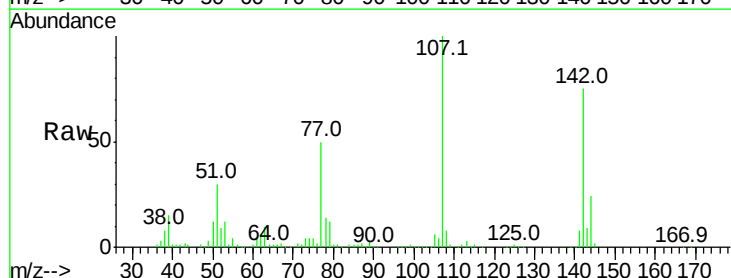


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

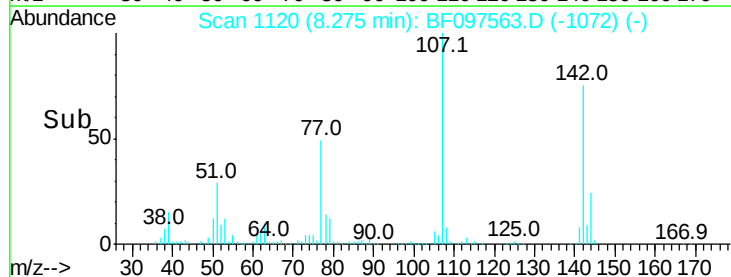
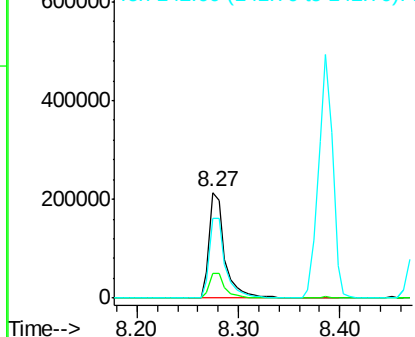


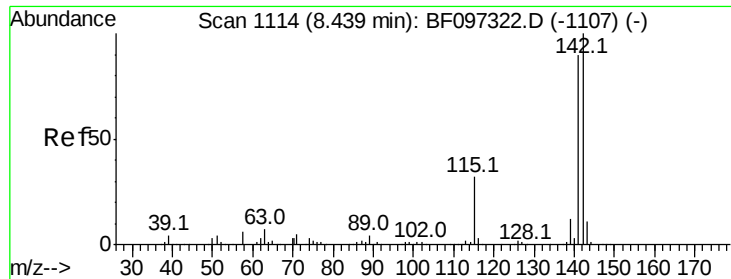
#36
 4-Chloro-3-methylphenol
 Concen: 36.004 ng/ml
 RT: 8.27 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	24.2	36.4#
142	75.4	73.4	110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





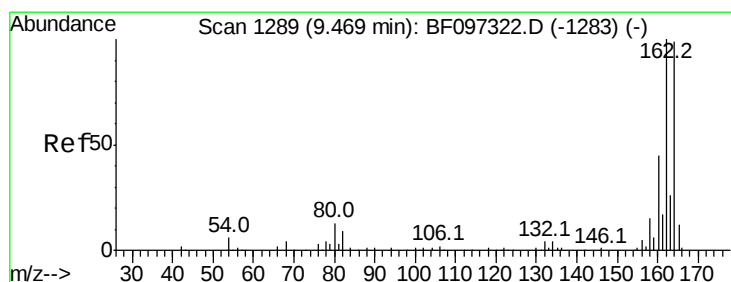
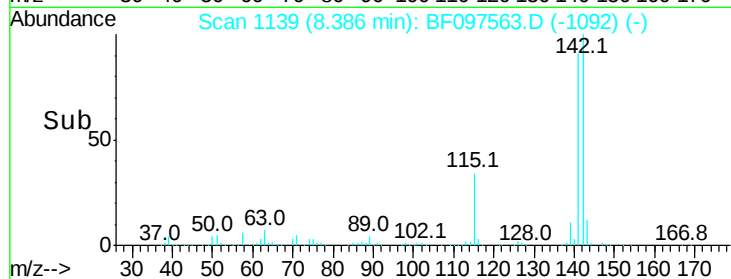
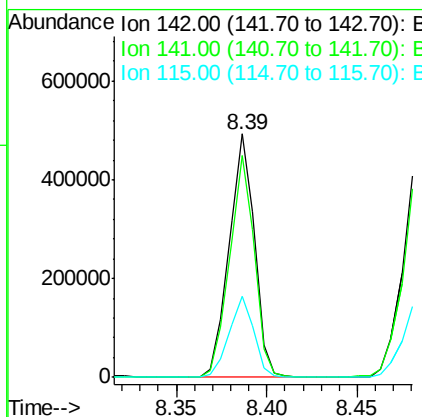
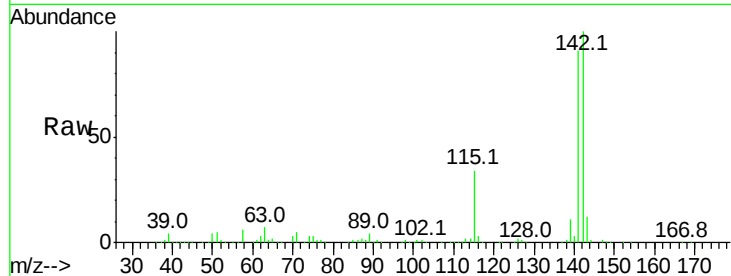
#37
 2-Methylnaphthalene
 Concen: 37.808 ng
 RT: 8.39 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	33.5	27.1	40.7

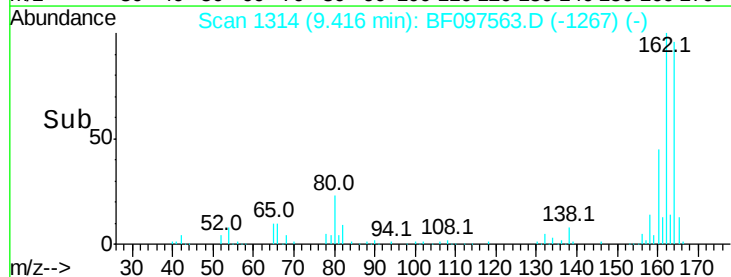
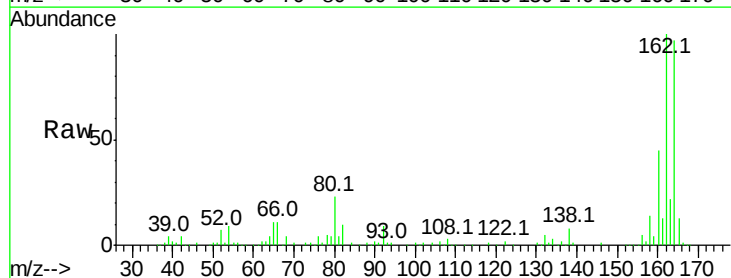
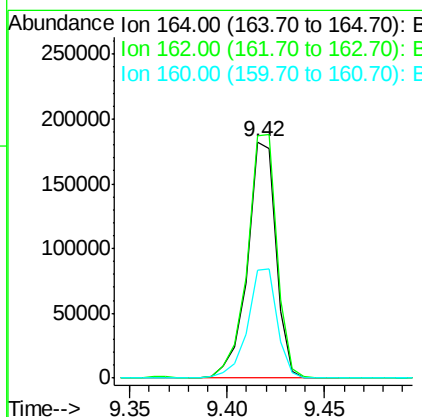
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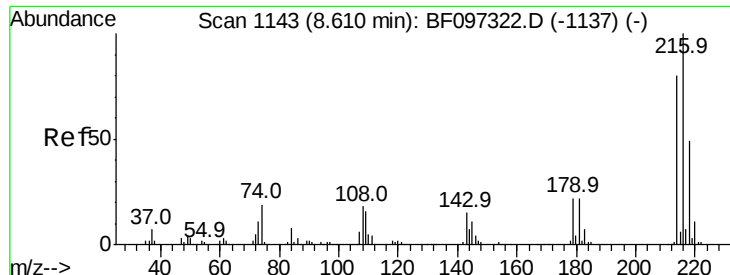
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.0	36.2	54.2





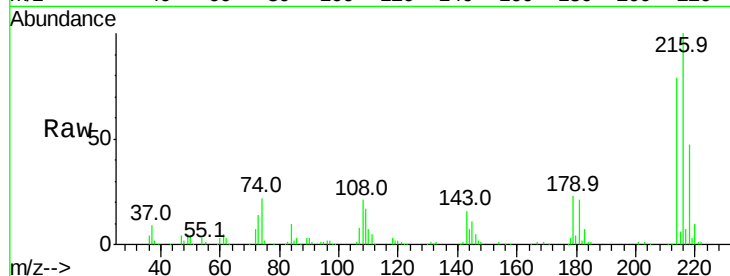
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.454 ng
 RT: 8.56 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

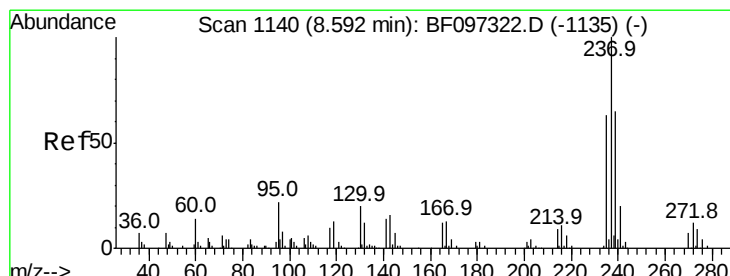
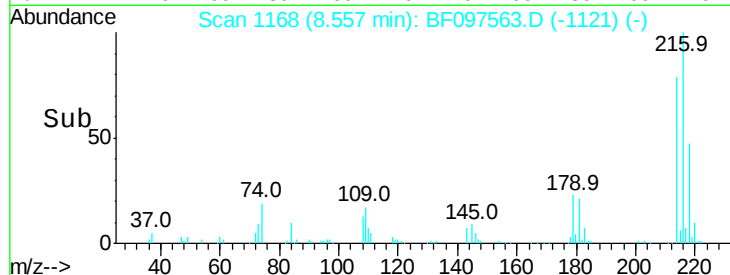
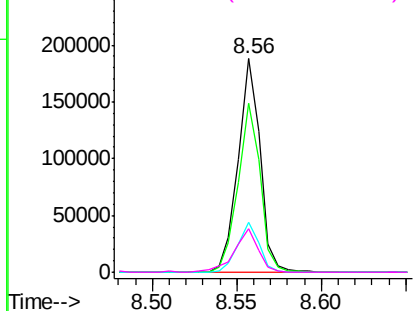
Tot Ion	Ratio	Resp	Lower	Upper
216	100	170475		
214	80.0	63.4	95.2	
179	23.0	17.9	26.9	
108	22.2	16.5	24.7	

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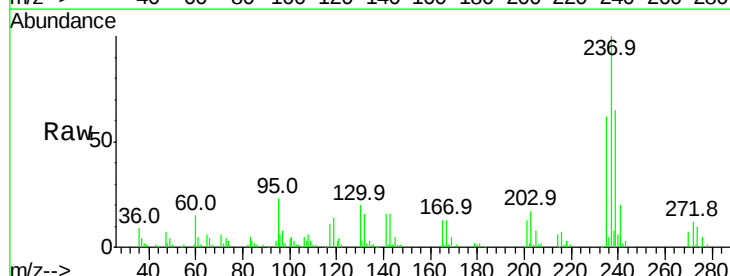


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

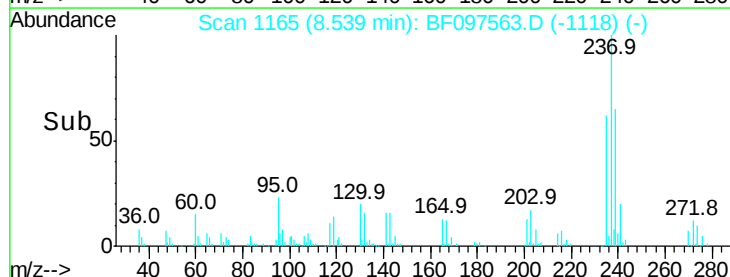
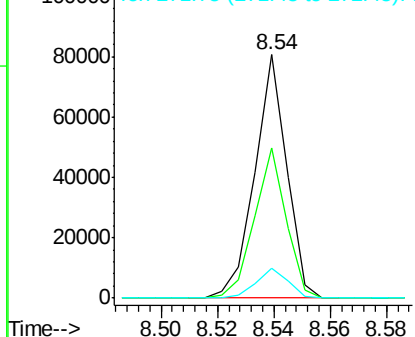


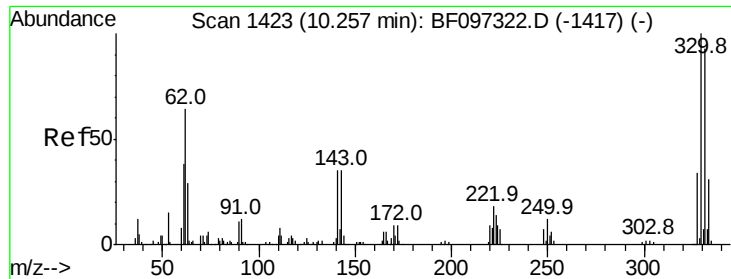
#40
 Hexachlorocyclopentadiene
 Concen: 40.161 ng
 RT: 8.54 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	63298		
235	61.8	42.6	82.6	
272	12.2	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 104.930 ng

RT: 10.21 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

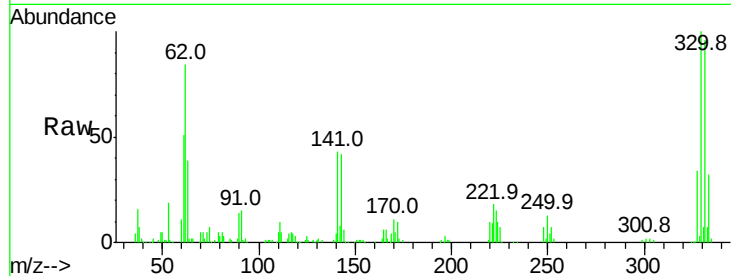
ClientSampleId :

PB101428BS

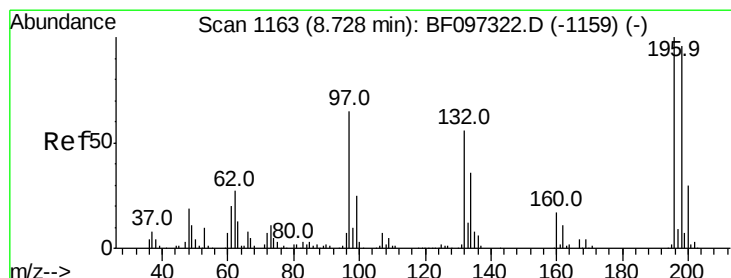
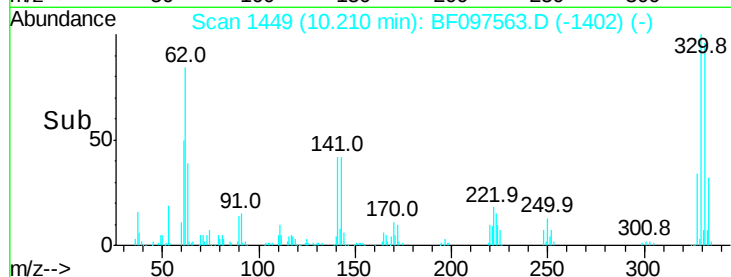
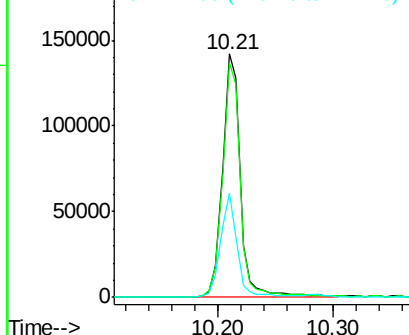
Tot Ion:	330	Resp:	153734
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	115.0
141	39.2	31.4	47.2

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



#42

2,4,6-Trichlorophenol

Concen: 33.256 ng

RT: 8.69 min Scan# 1190

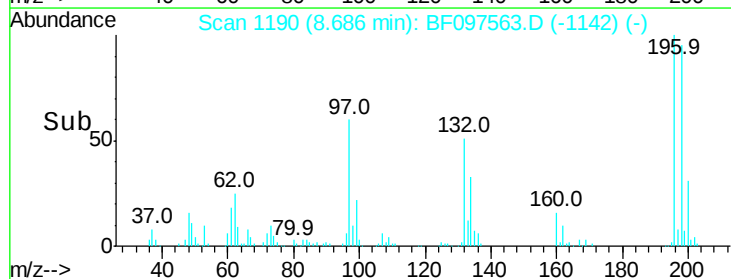
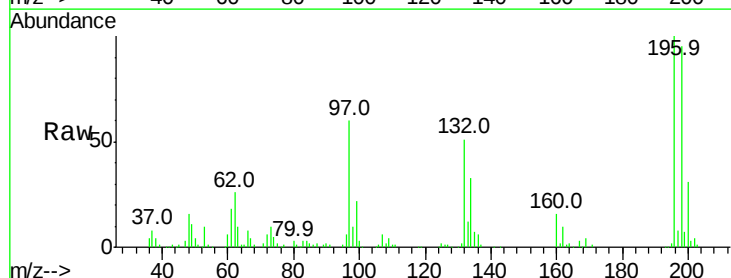
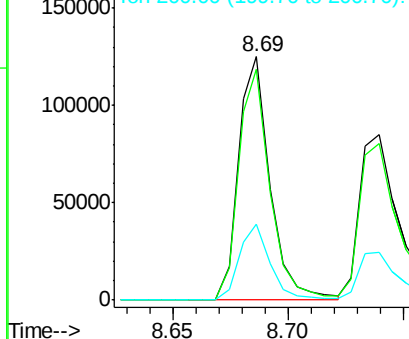
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	196	Resp:	119243
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.2	111.4
200	31.0	24.0	36.0

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





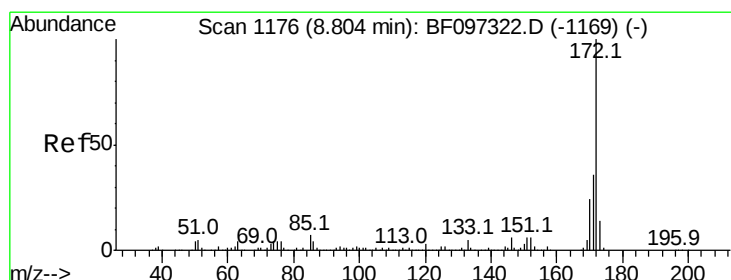
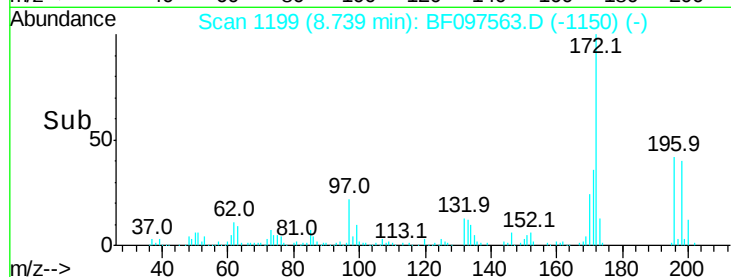
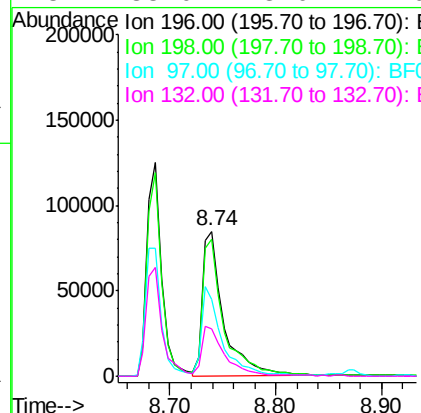
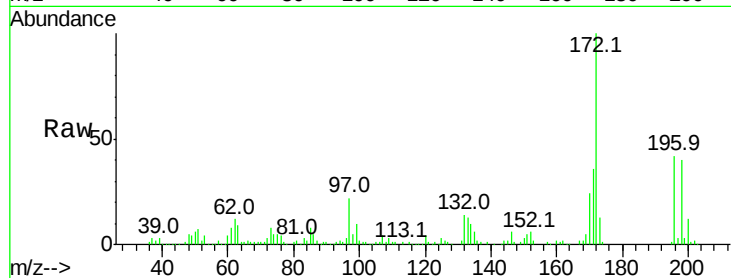
#43
 2,4,5-Trichlorophenol
 Concen: 32.348 ng
 RT: 8.74 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	196	Resp	116093
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
97	52.9	47.7	71.5
132	33.0	28.0	42.0

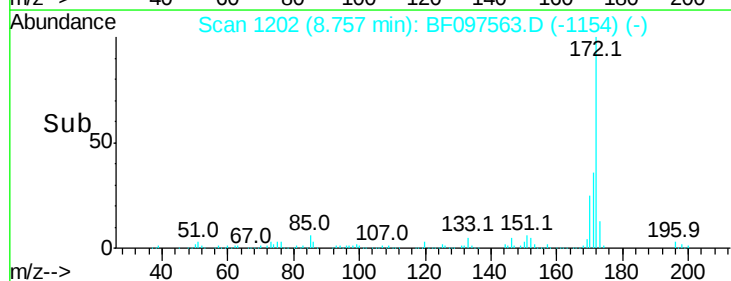
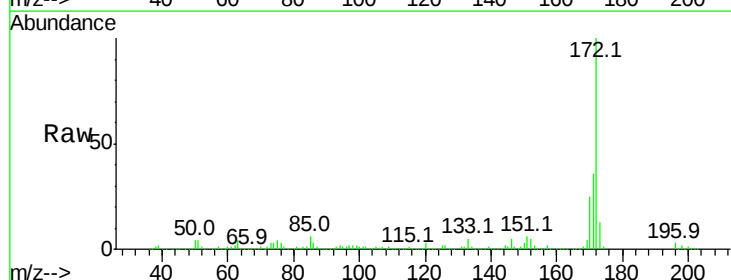
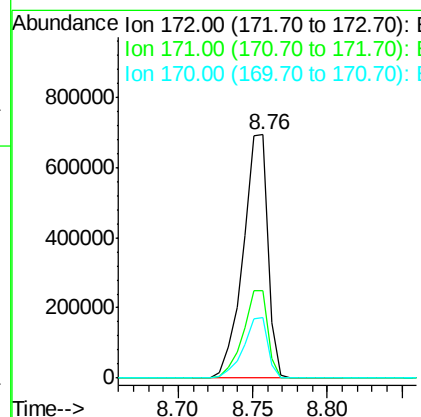
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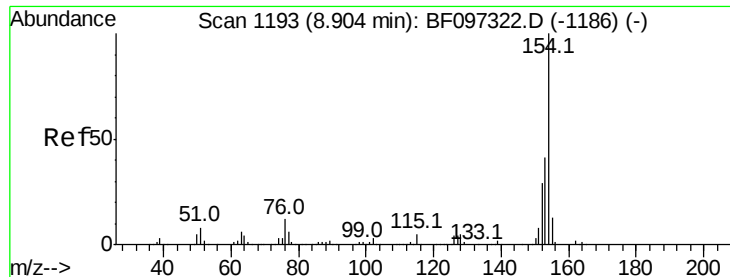
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#44
 2-Fluorobiphenyl
 Concen: 73.181 ng
 RT: 8.76 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	172	Resp	799617
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	25.0	19.8	29.8





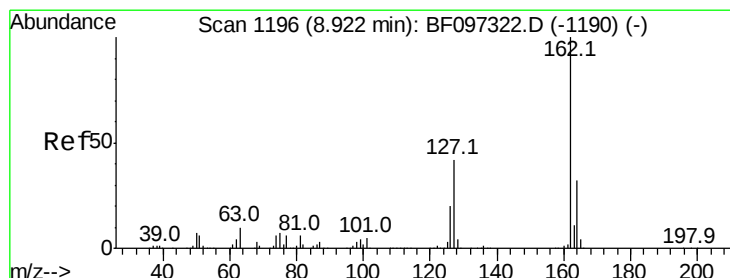
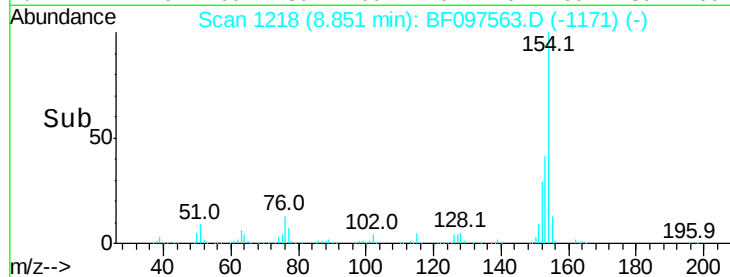
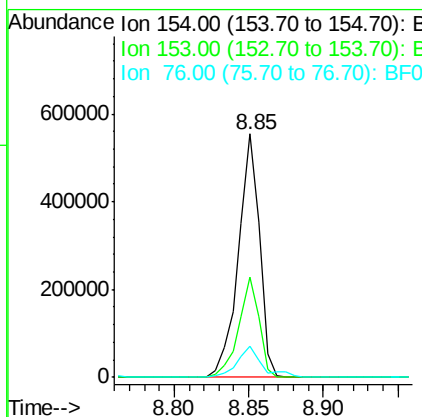
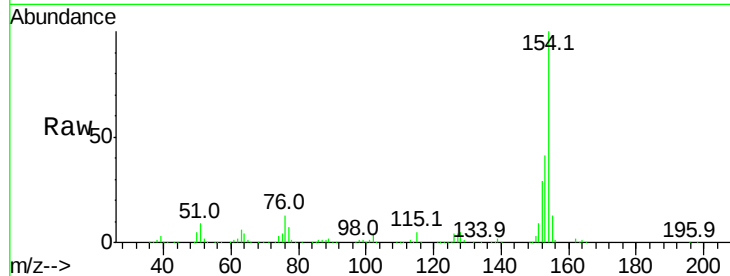
#45
 1,1'-Biphenyl
 Concen: 34.651 ng
 RT: 8.85 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.2	61.2	
76	12.8	0.0	29.9	

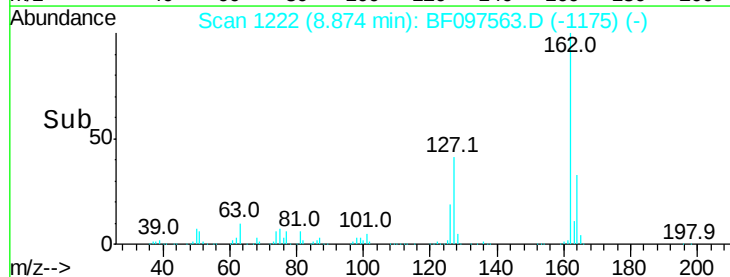
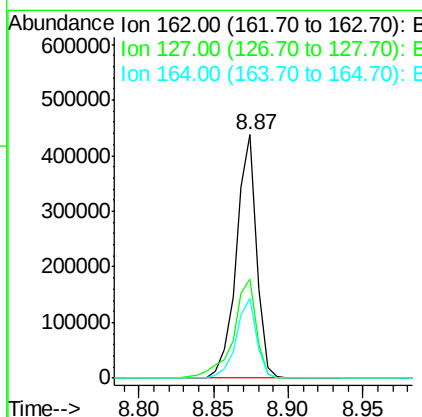
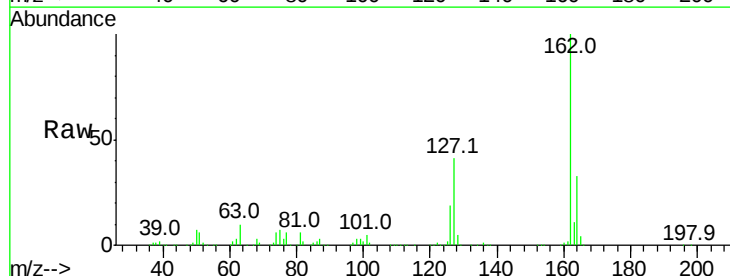
Manual Integrations
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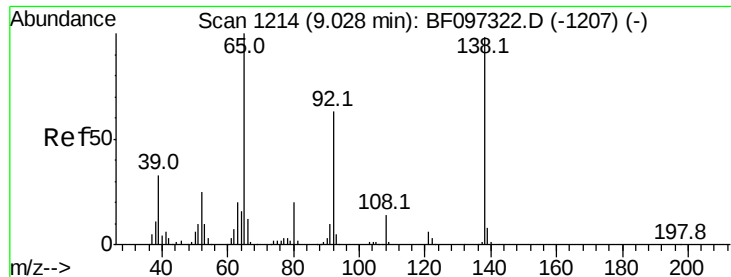
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#46
 2-Chloronaphthalene
 Concen: 35.715 ng
 RT: 8.87 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	28.3	42.5	
164	32.7	27.0	40.4	





#47

2-Nitroaniline

Concen: 40.059 ng

RT: 8.99 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

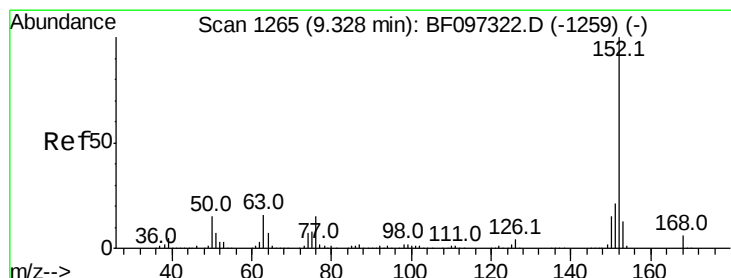
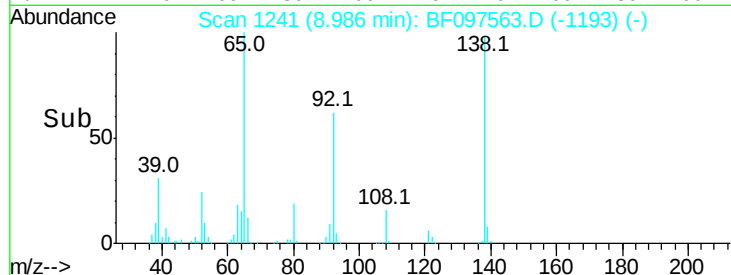
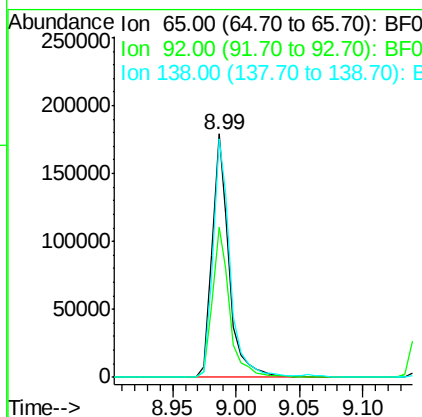
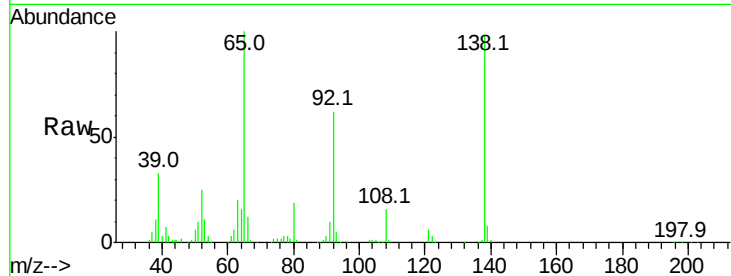
ClientSampleId :

PB101428BS

Tot Ion:	65	Resp:	169447
Ion Ratio	Lower	Upper	
65	100		
92	61.7	53.9	80.9
138	97.9	78.8	118.2

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#48

Acenaphthylene

Concen: 36.443 ng

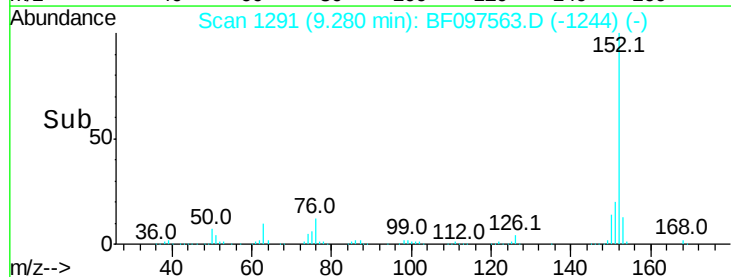
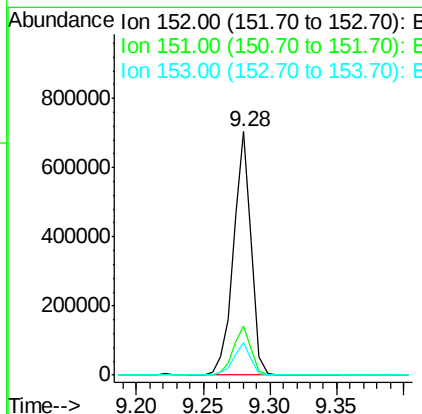
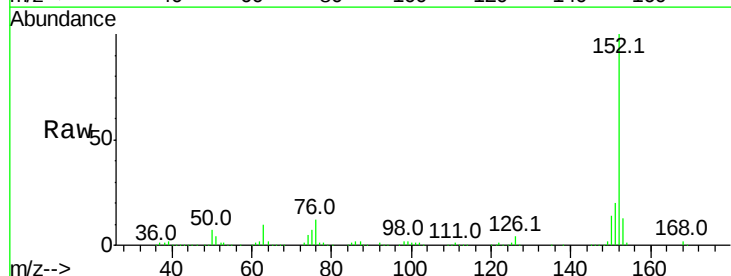
RT: 9.28 min Scan# 1291

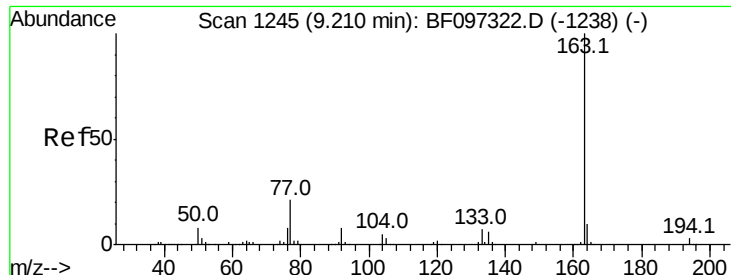
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	152	Resp:	651963
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.2	10.8	16.2





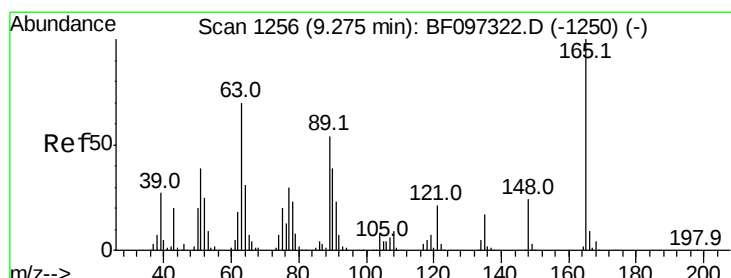
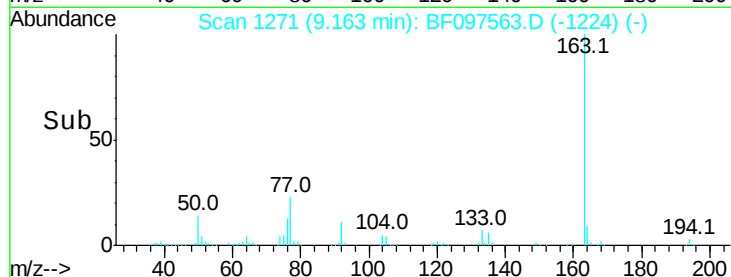
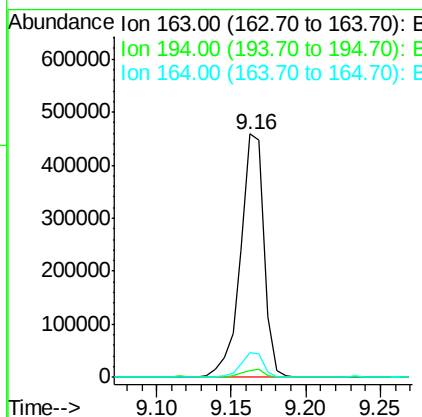
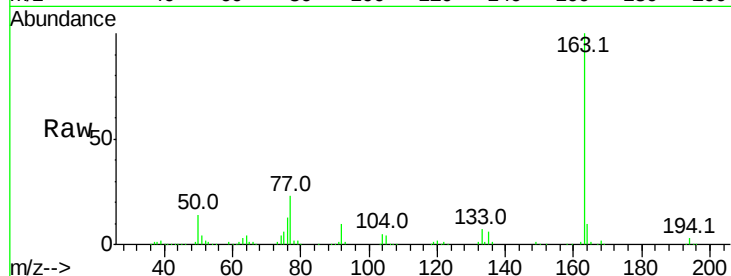
#49
Dimethylphthalate
Concen: 35.453 ng
RT: 9.16 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	499228		
194	2.9		2.6	4.0
164	10.1		8.4	12.6

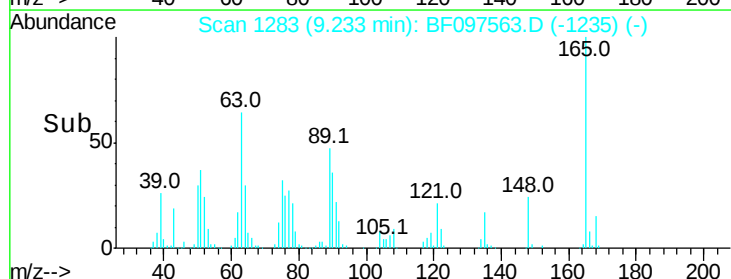
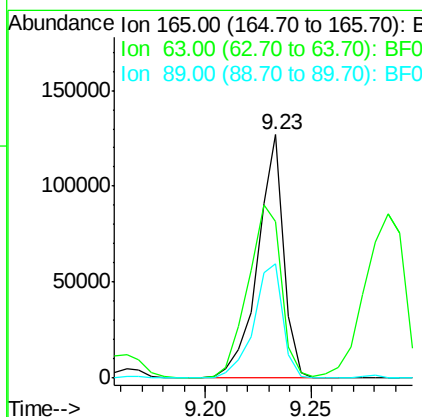
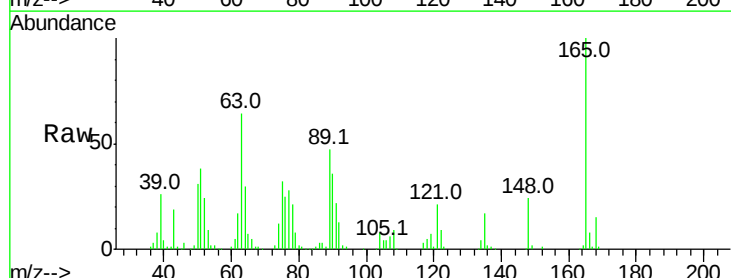
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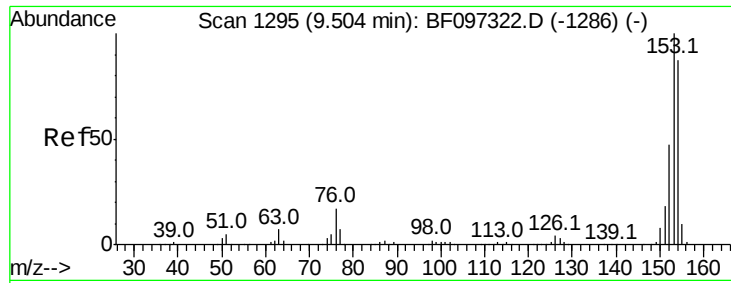
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#50
2,6-Dinitrotoluene
Concen: 36.333 ng
RT: 9.23 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108511		
63	64.1		34.3	51.5#
89	47.2		37.1	55.7





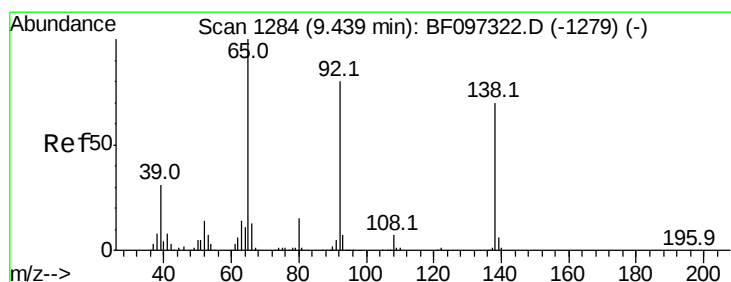
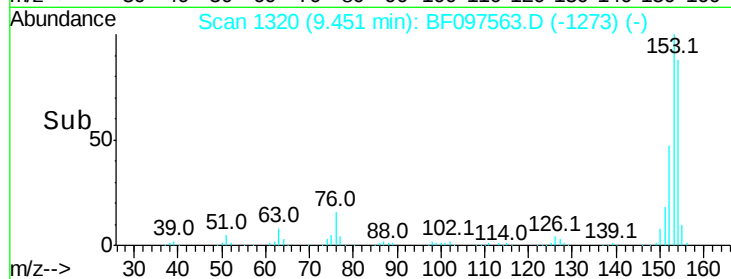
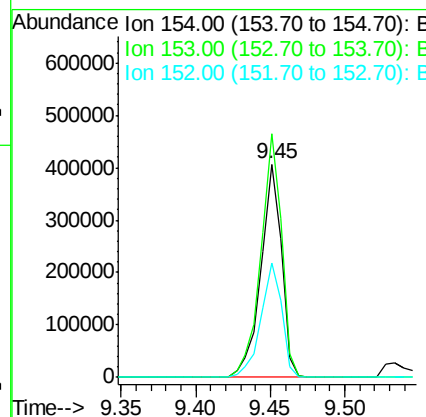
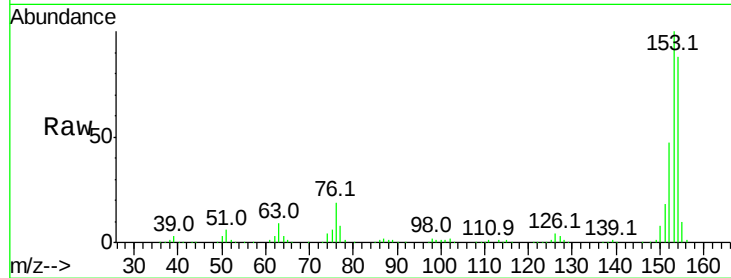
#51
Acenaphthene
Concen: 36.557 ng
RT: 9.45 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.5	135.7
152	53.9	43.6	65.4

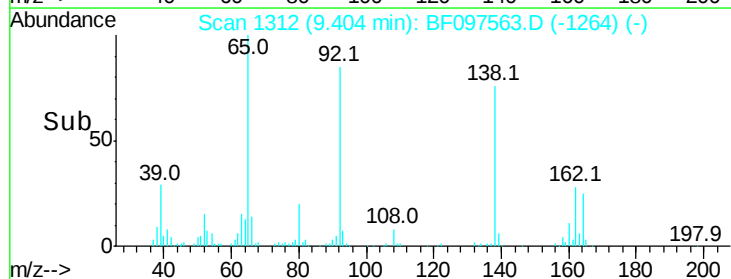
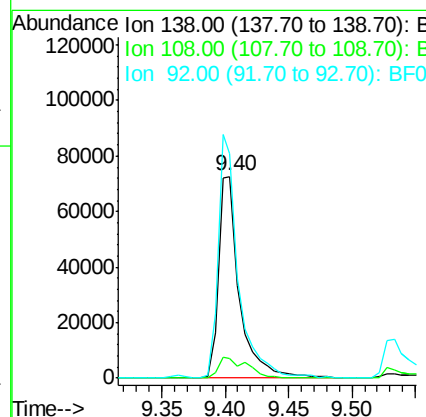
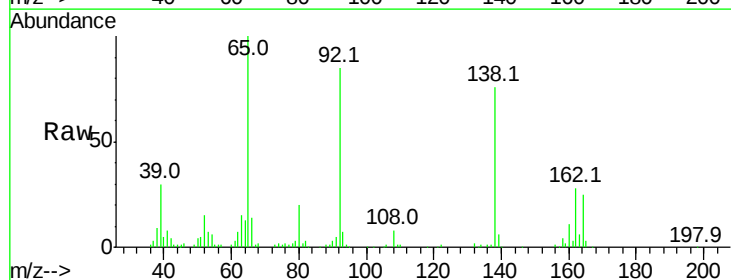
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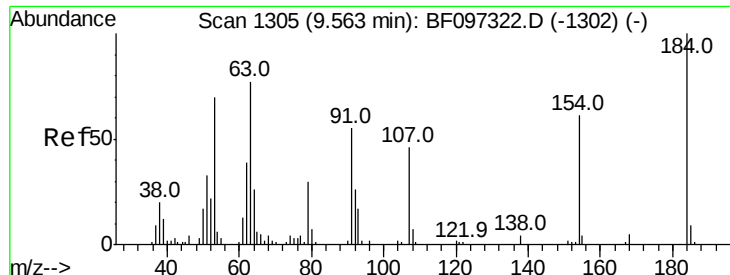
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#52
3-Nitroaniline
Concen: 22.903 ng
RT: 9.40 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	111.7	93.8	140.6





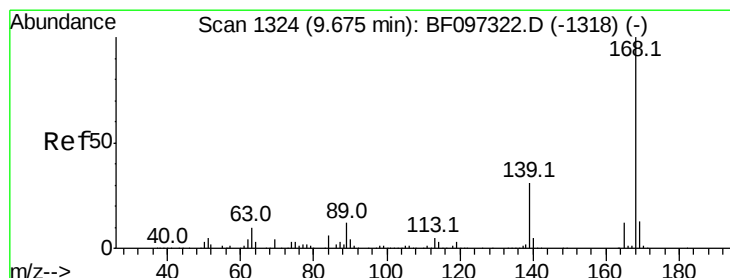
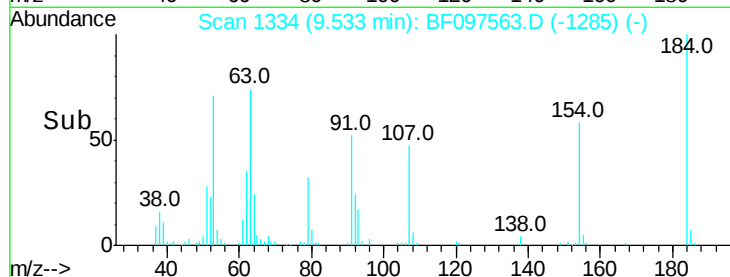
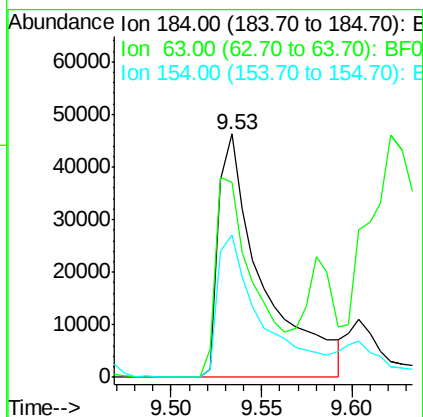
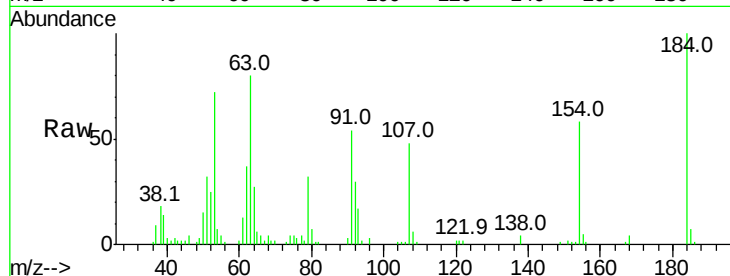
#53
 2,4-Dinitrophenol
 Concen: 57.594 ng
 RT: 9.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	78210		
63	79.9	62.7	94.1	
154	58.3	81.1	121.7	

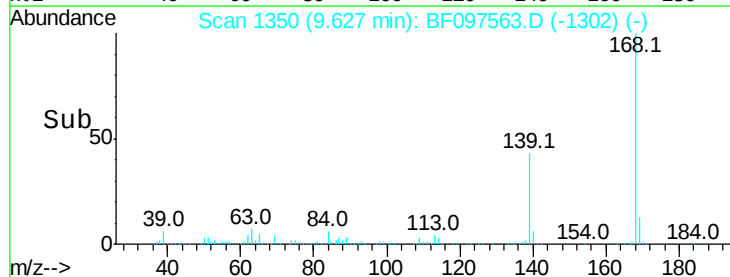
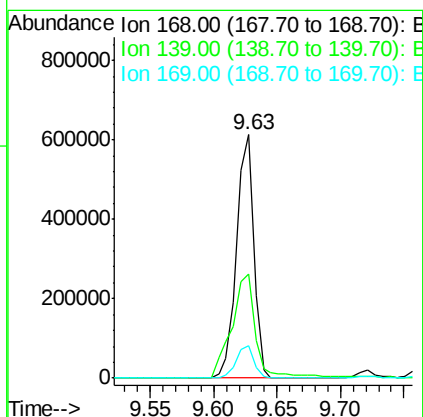
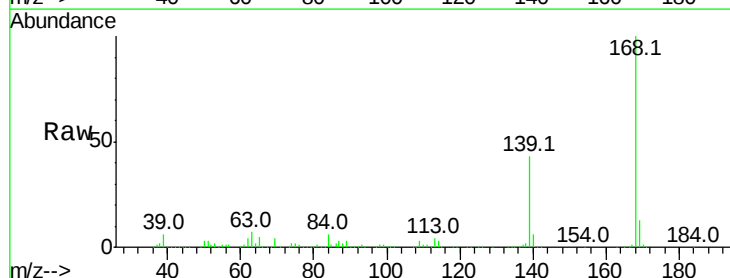
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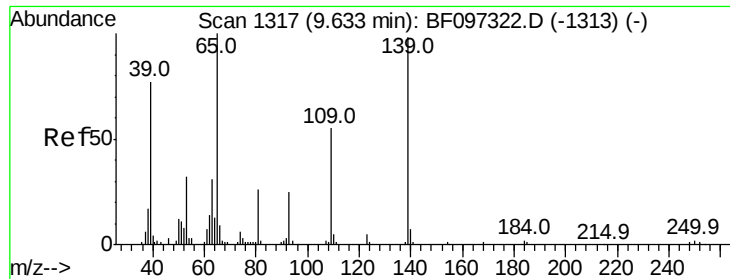
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#54
 Dibenzofuran
 Concen: 40.907 ng
 RT: 9.63 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	574180		
139	42.7	30.6	45.8	
169	13.5	10.8	16.2	





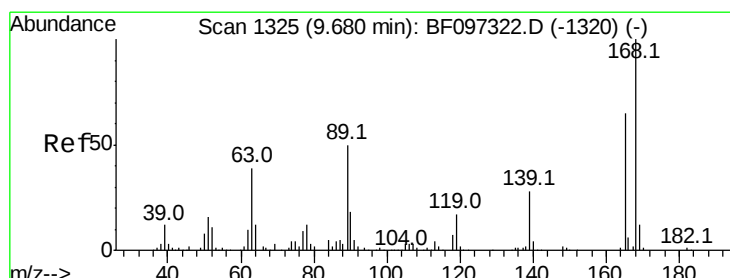
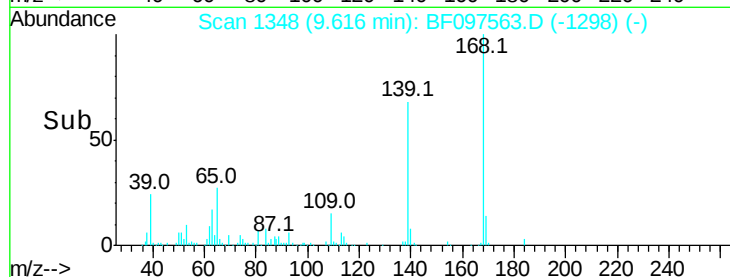
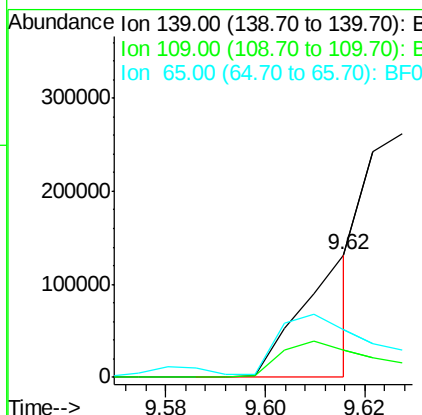
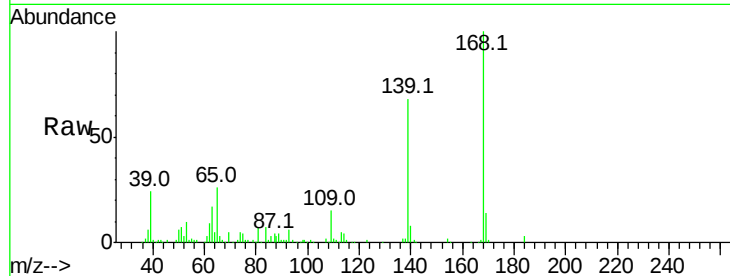
#55
4-Nitrophenol
Concen: 44.094 ng m
RT: 9.62 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	22.0	34.1	74.1#
65	38.8	31.4	71.4

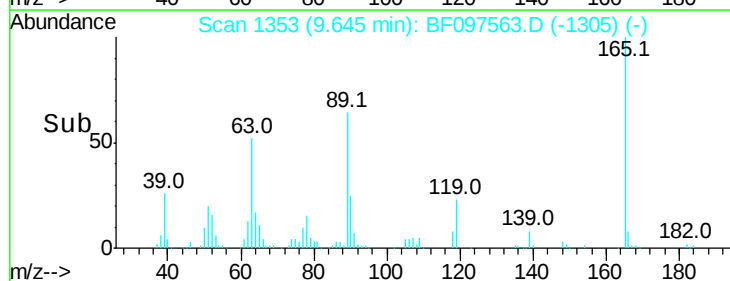
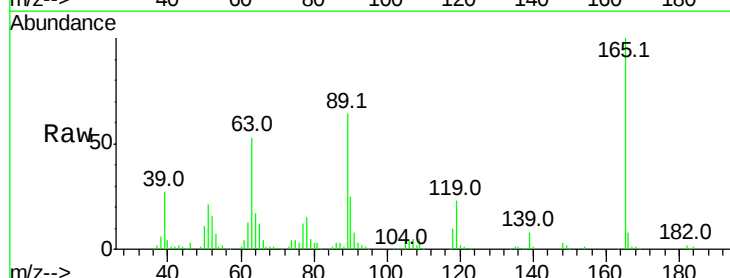
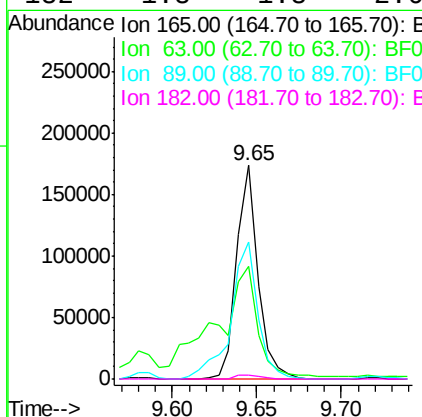
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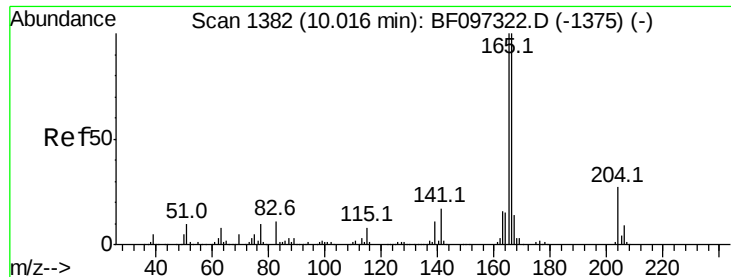
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#56
2,4-Dinitrotoluene
Concen: 44.219 ng
RT: 9.65 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	25.4	38.0#
89	64.4	46.4	69.6
182	1.8	1.8	2.6





#57

Fluorene

Concen: 39.332 ng

RT: 9.97 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB101428BS

Tot Ion:166 Resp: 414942

Ion Ratio Lower Upper

166 100

165 100.9 78.8 118.2

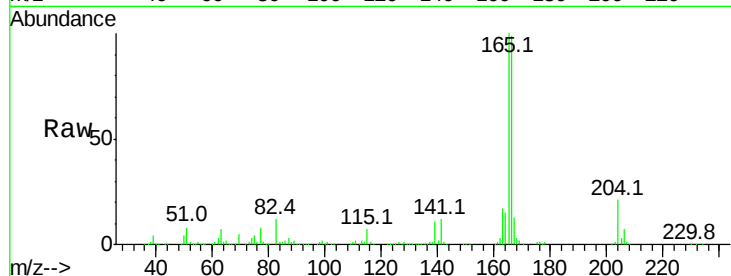
167 13.3 10.6 16.0

Manual Integrations

APPROVED

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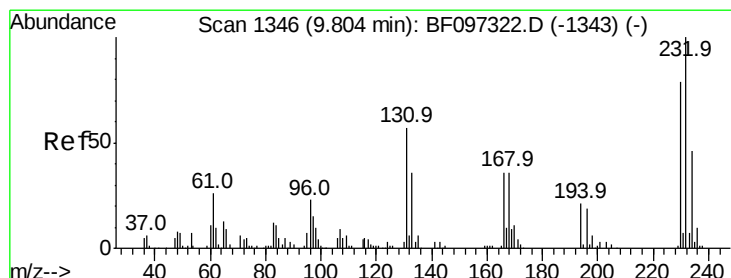
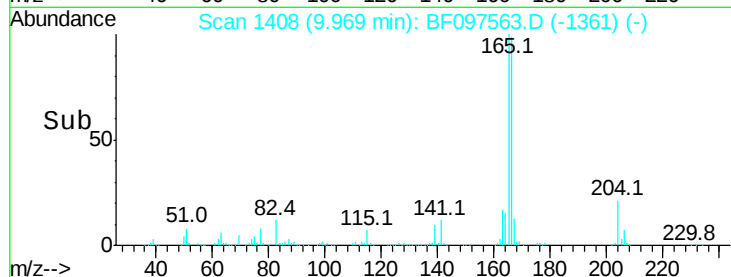
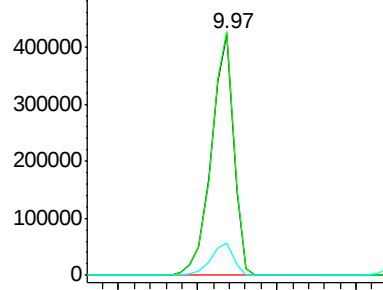
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.758 ng

RT: 9.76 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:232 Resp: 98519

Ion Ratio Lower Upper

232 100

131 56.4 44.8 67.2

130 2.3 2.3 3.5

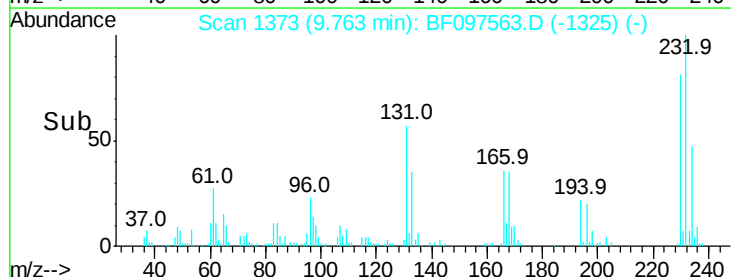
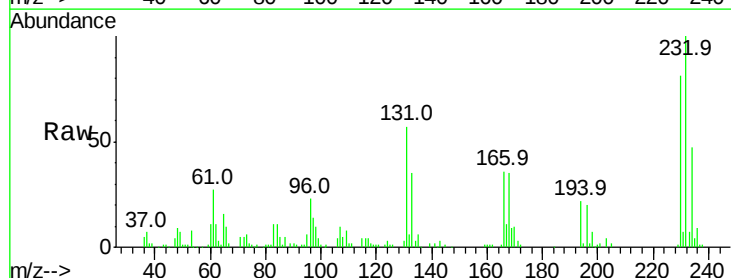
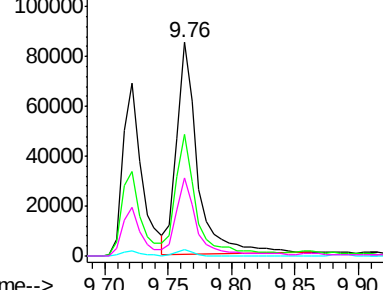
166 35.3 29.0 43.4

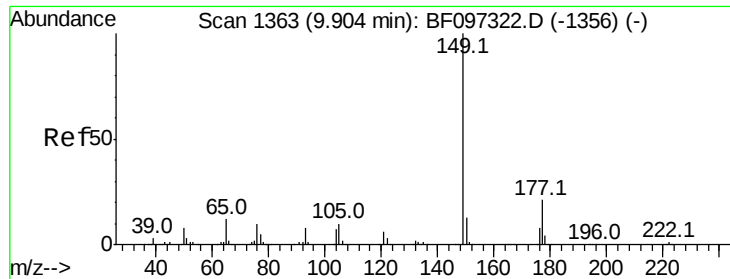
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





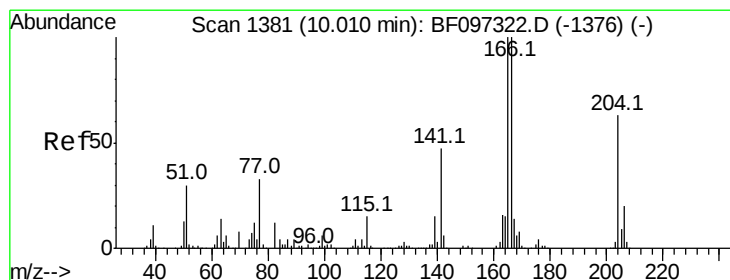
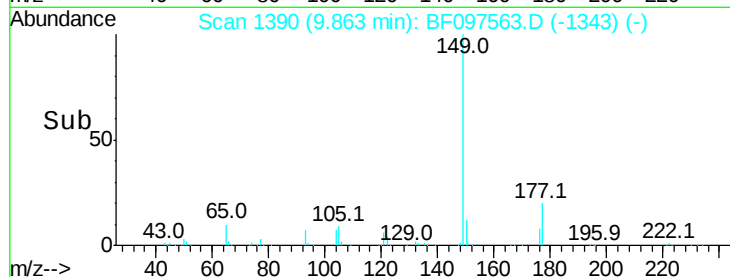
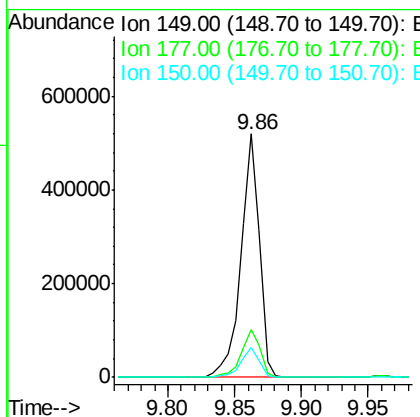
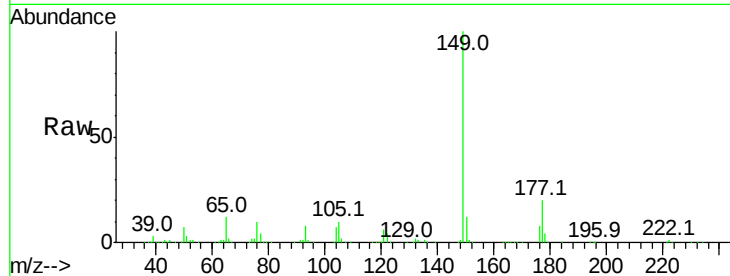
#59
Diethylphthalate
Concen: 38.434 ng
RT: 9.86 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	496524		
177	19.8	16.7	25.1	
150	12.4	10.2	15.2	

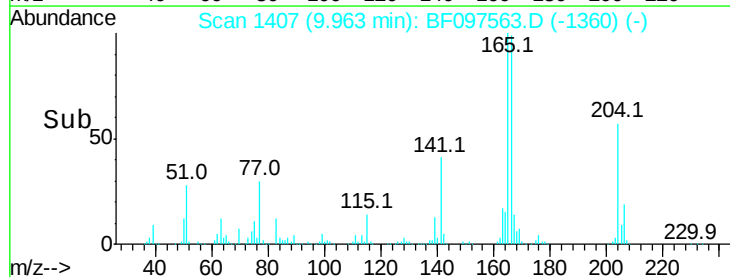
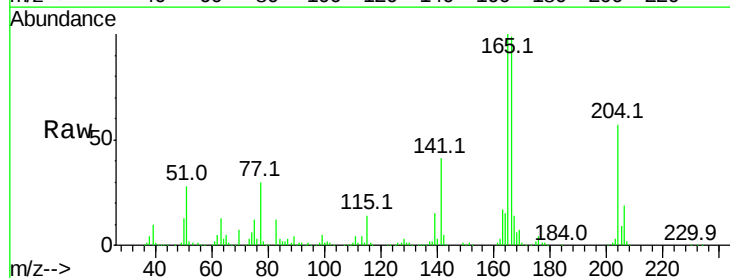
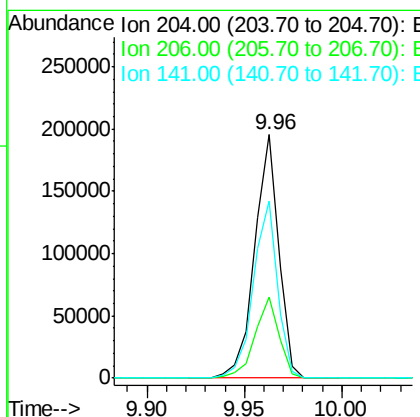
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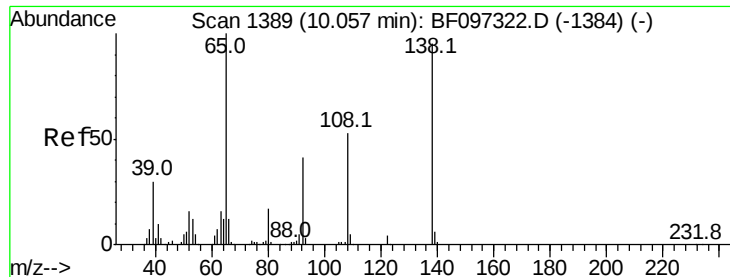
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#60
4-Chlorophenyl-phenylether
Concen: 38.517 ng
RT: 9.96 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	167797		
206	33.4	26.2	39.2	
141	72.5	60.8	91.2	





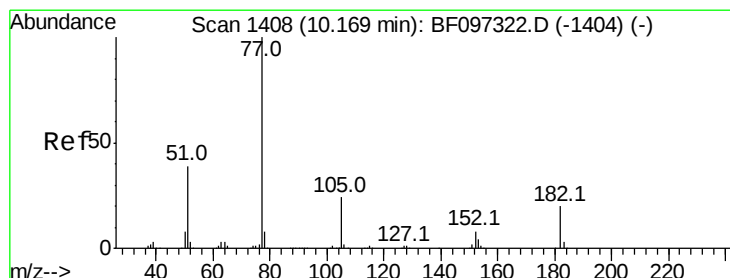
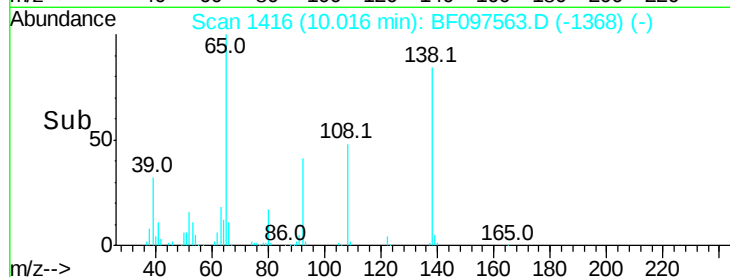
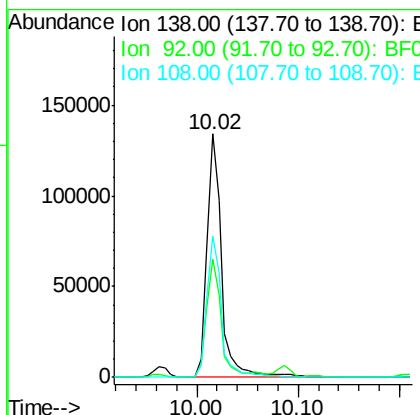
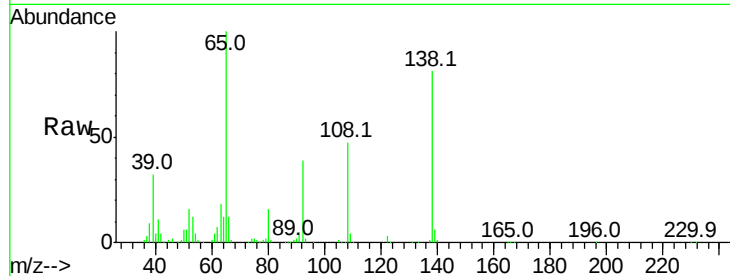
#61
4-Nitroaniline
Concen: 37.851 ng
RT: 10.02 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampled :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.6	21.8	61.8	
108	58.0	42.3	82.3	

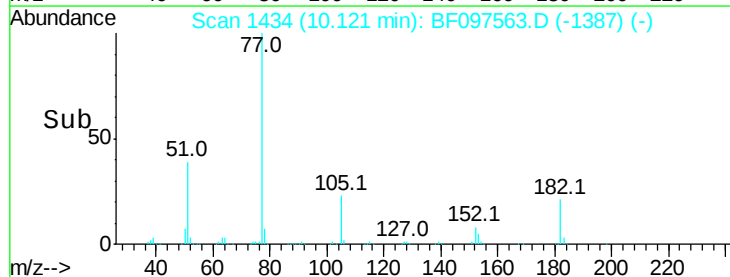
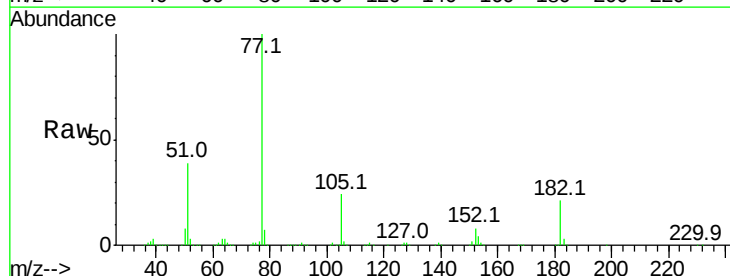
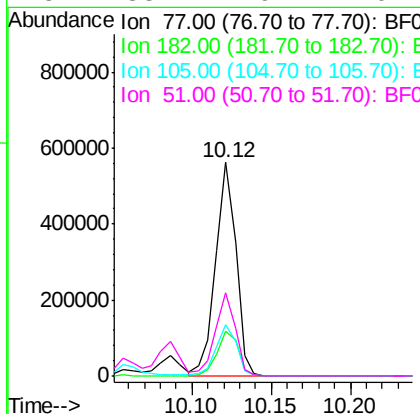
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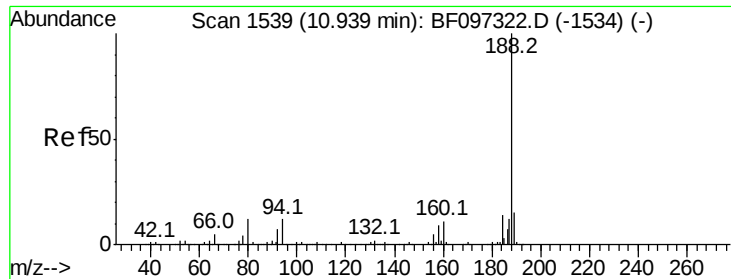
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#62
Azobenzene
Concen: 41.844 ng
RT: 10.12 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.0	0.1	40.1	
105	24.0	3.6	43.6	
51	38.7	9.4	49.4	





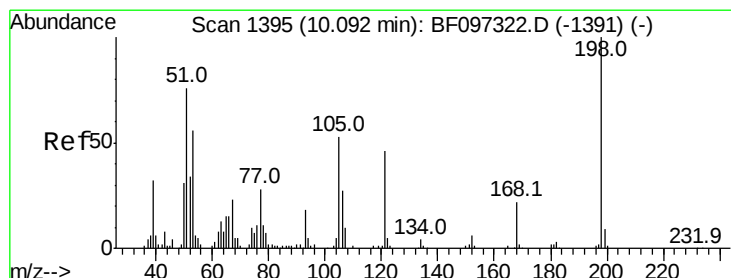
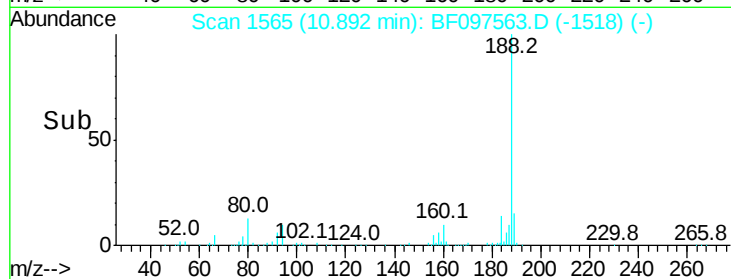
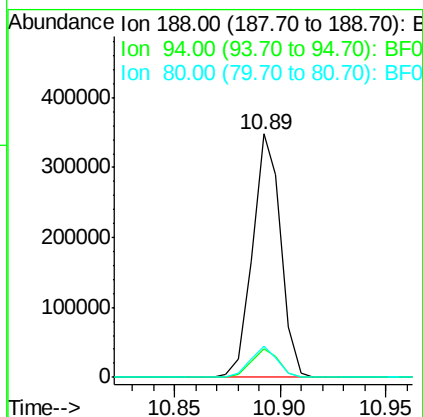
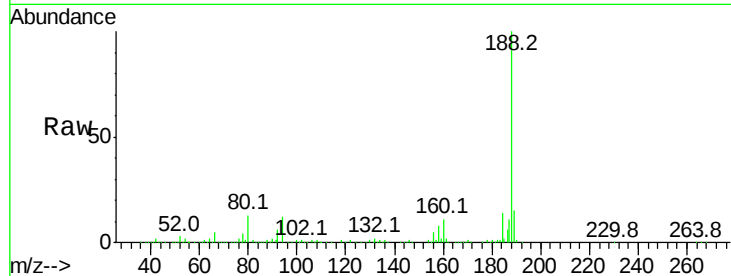
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	322615		
94	11.8		9.4	14.2
80	12.8		10.2	15.2

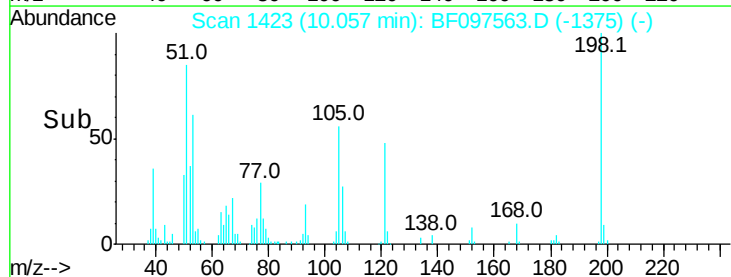
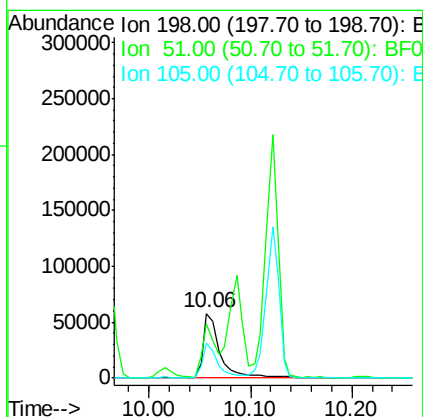
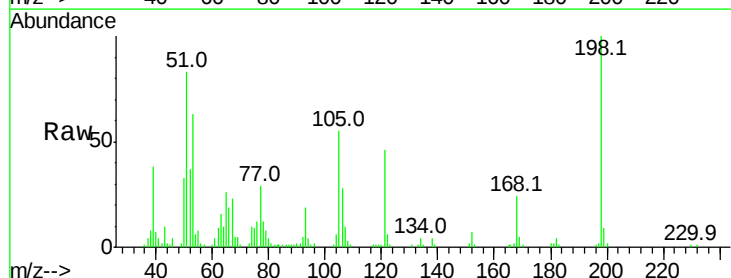
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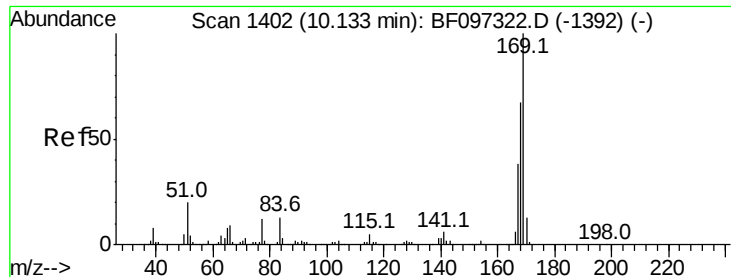
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.503 ng
RT: 10.06 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67164		
51	83.1		53.2	93.2
105	54.5		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 35.122 ng

RT: 10.09 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

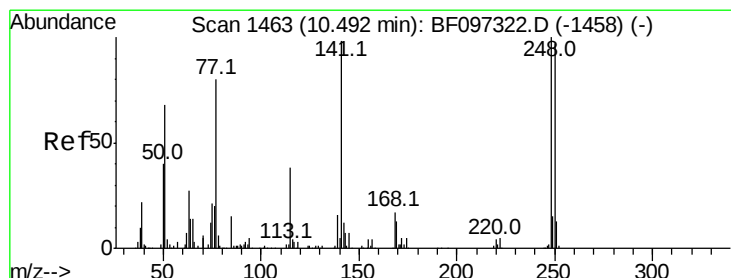
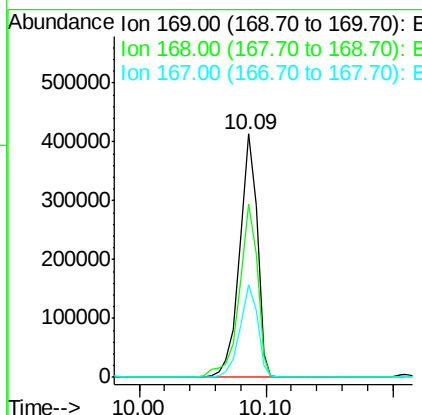
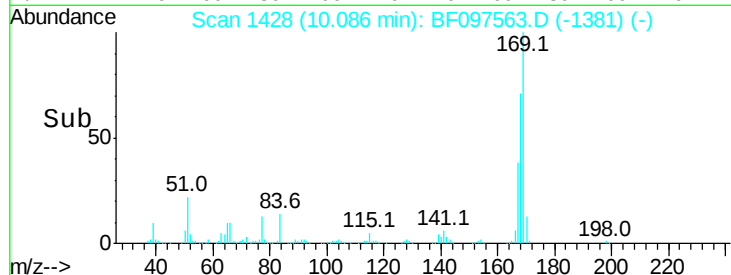
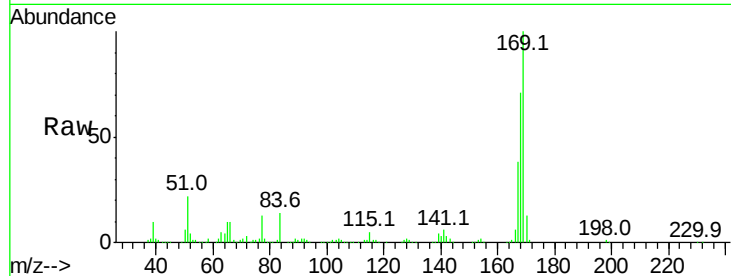
ClientSampleId :

PB101428BS

Tot Ion:	169	Resp:	394244
Ion Ratio	Lower	Upper	
169	100		
168	71.2	53.2	79.8
167	38.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 36.200 ng

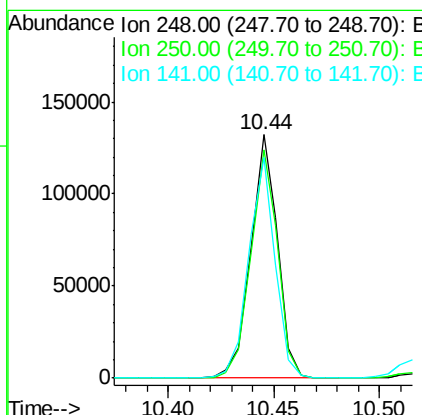
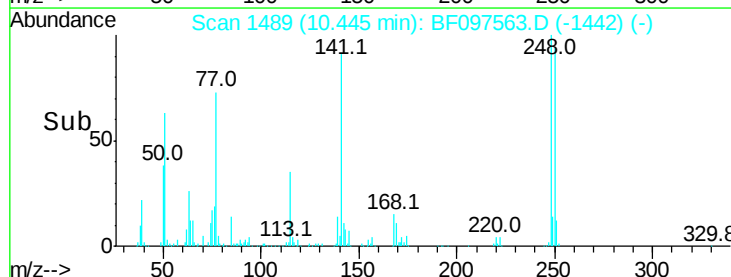
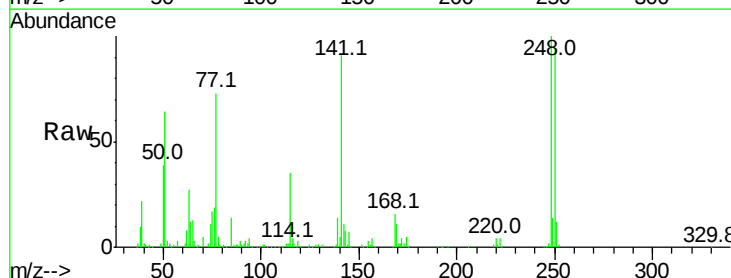
RT: 10.44 min Scan# 1489

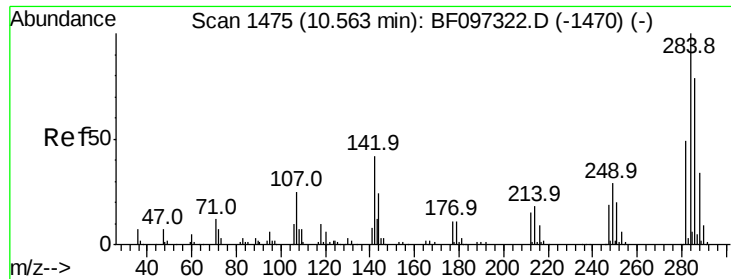
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	248	Resp:	116549
Ion Ratio	Lower	Upper	
248	100		
250	93.6	76.8	115.2
141	90.5	68.6	103.0





#67

Hexachlorobenzene

Concen: 33.026 ng

RT: 10.52 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB101428BS

Tot Ion:284 Resp: 119237
Ion Ratio Lower Upper

284 100

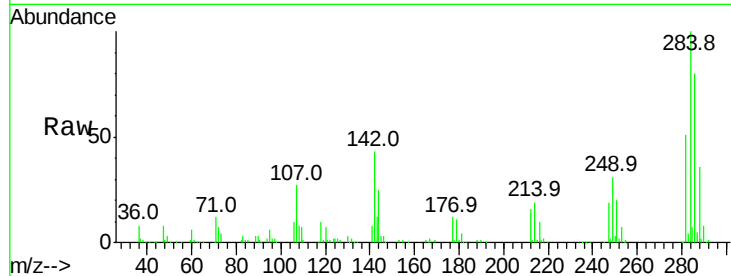
142 42.7 22.8 34.2#

249 31.3 24.0 36.0

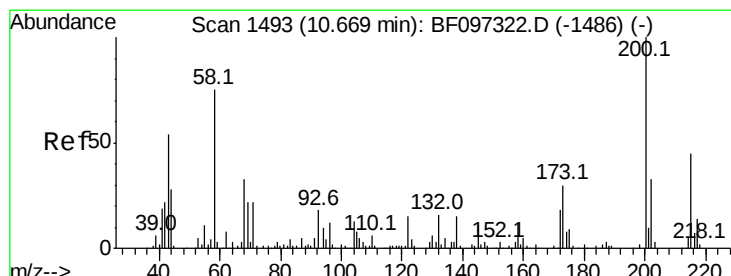
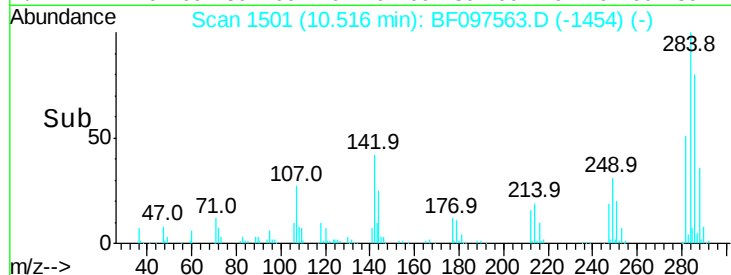
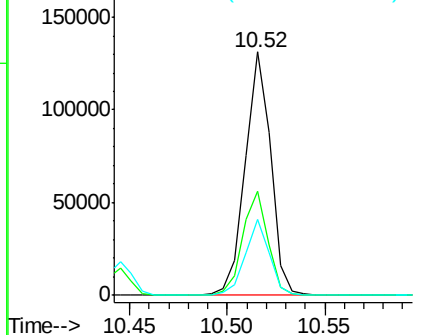
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.409 ng

RT: 10.63 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BF097563.D

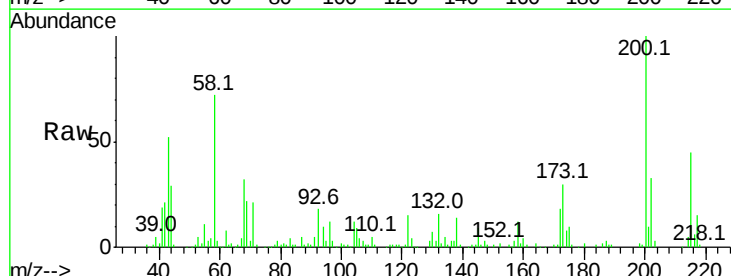
Acq: 10 Aug 2017 17:40

Tgt Ion:200 Resp: 120414
Ion Ratio Lower Upper

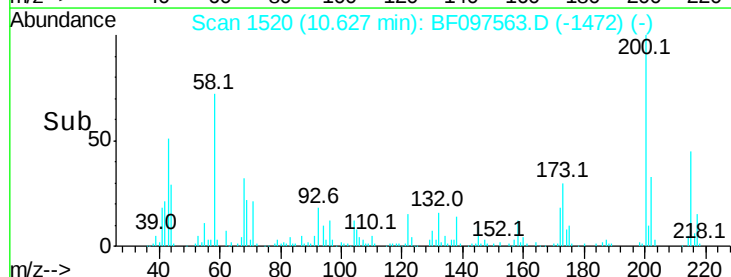
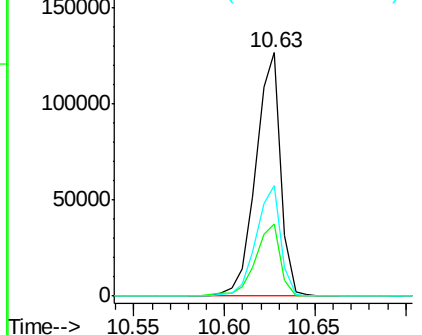
200 100

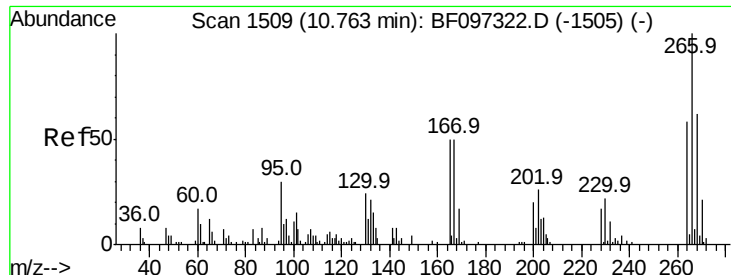
173 29.5 6.3 46.3

215 45.3 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 46.070 ng

RT: 10.73 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB101428BS

Tot Ion:266 Resp: 68821

Ion Ratio Lower Upper

266 100

268 59.2 51.1 76.7

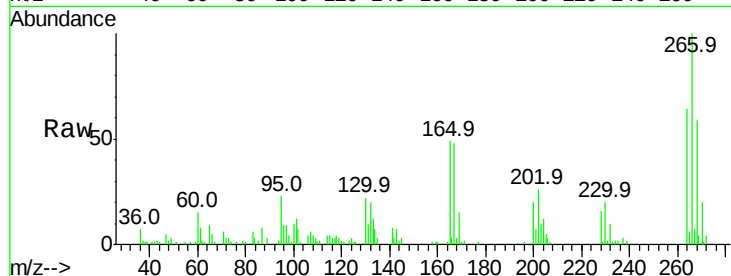
264 64.4 51.7 77.5

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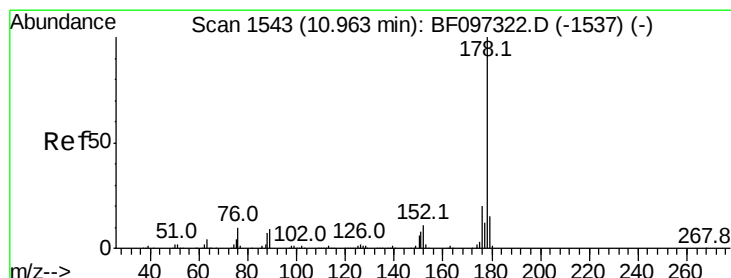
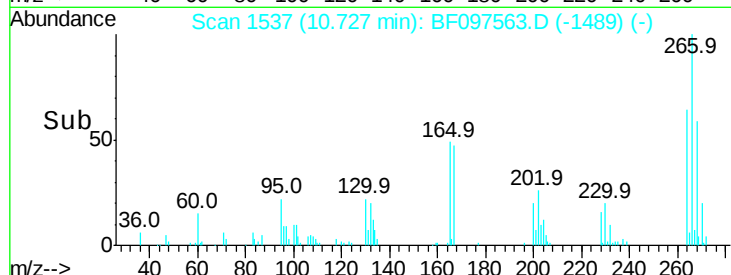
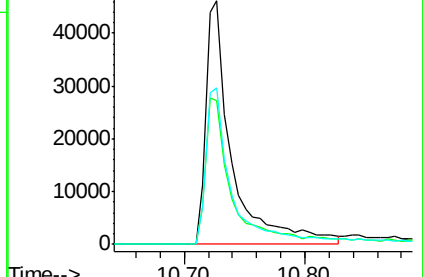
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.302 ng

RT: 10.92 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

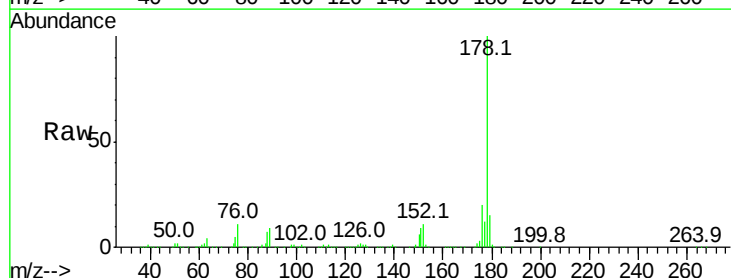
Tgt Ion:178 Resp: 644795

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

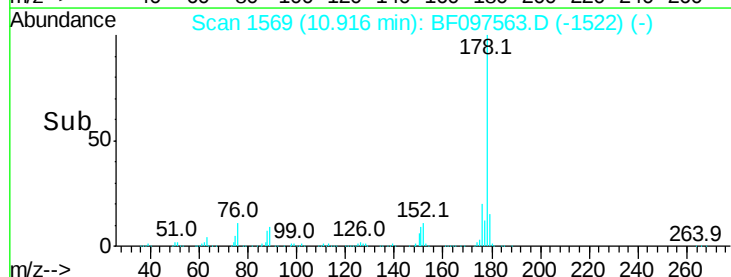
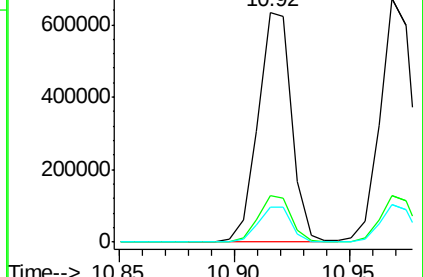
179 15.0 12.6 19.0

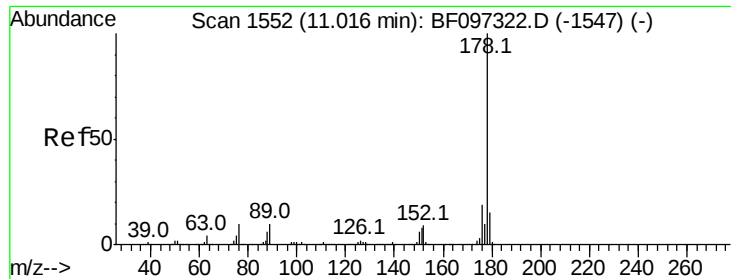


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





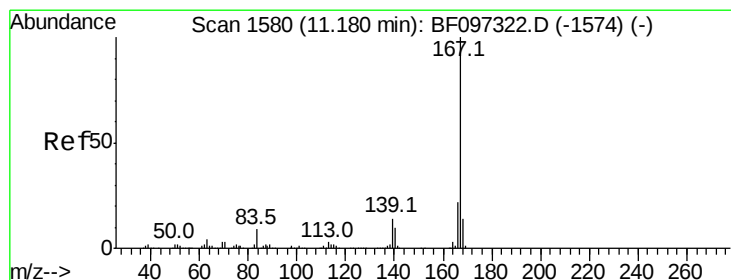
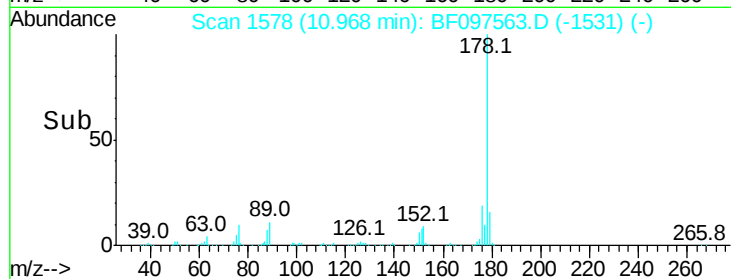
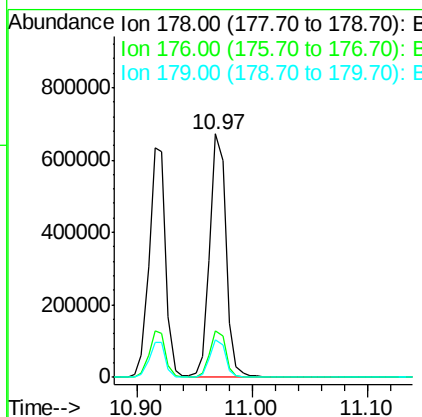
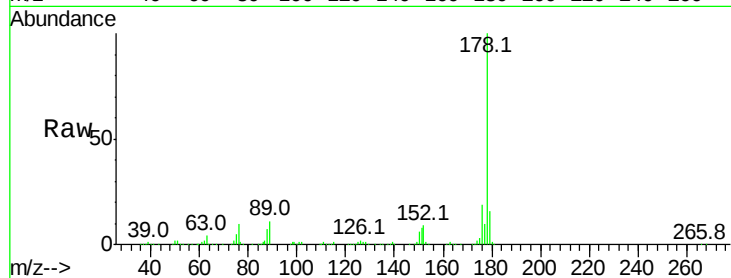
#71
 Anthracene
 Concen: 37.146 ng
 RT: 10.97 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	12.7	19.1

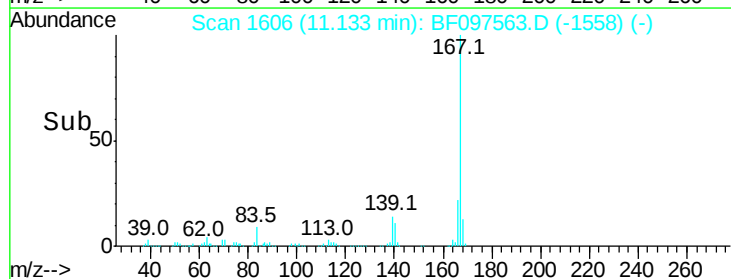
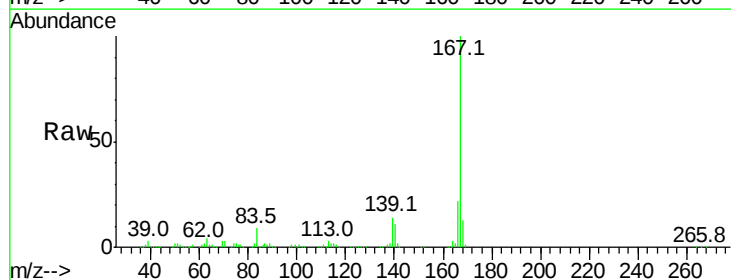
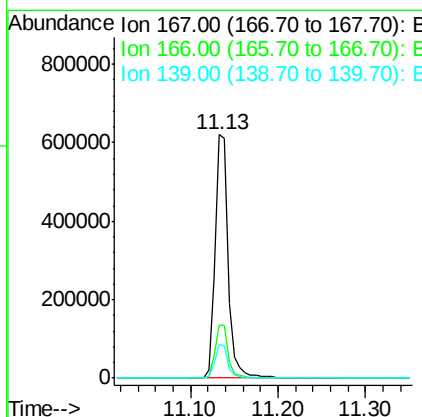
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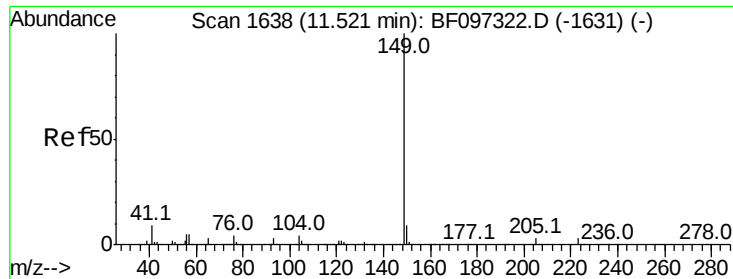
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#72
 Carbazole
 Concen: 37.327 ng
 RT: 11.13 min Scan# 1606
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 36.533 ng

RT: 11.47 min Scan# 1664

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

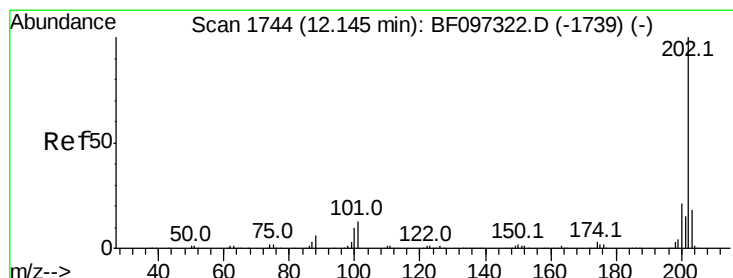
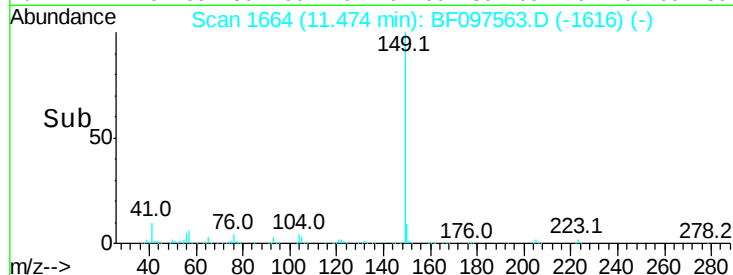
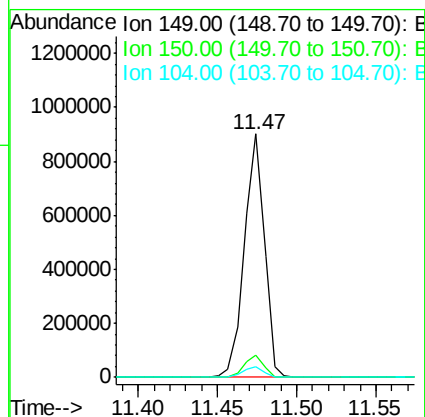
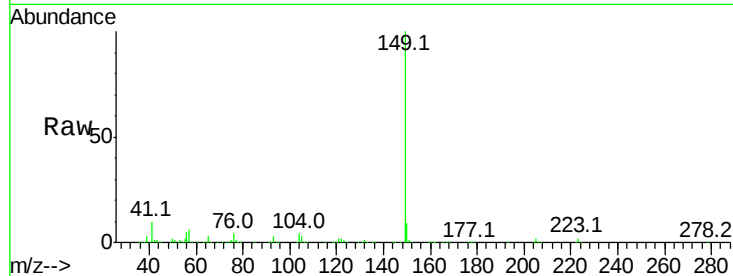
ClientSampleId :

PB101428BS

Tot Ion:	149	Resp:	786303
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.4	4.0	6.0

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#74

Fluoranthene

Concen: 37.241 ng

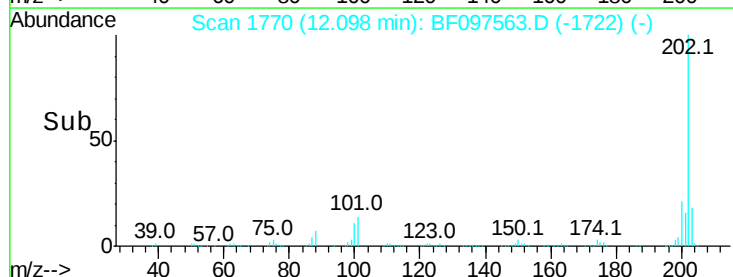
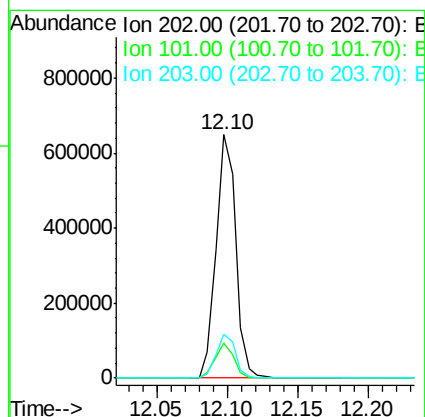
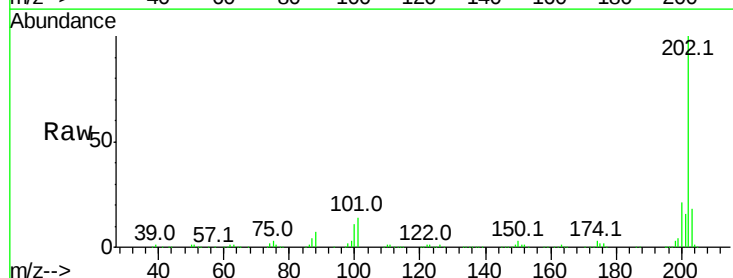
RT: 12.10 min Scan# 1770

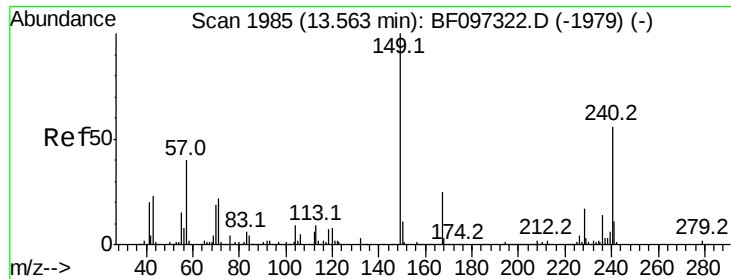
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	202	Resp:	630645
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

ClientSampleId :

PB101428BS

Tot Ion:240 Resp: 206567

Ion Ratio Lower Upper

240 100

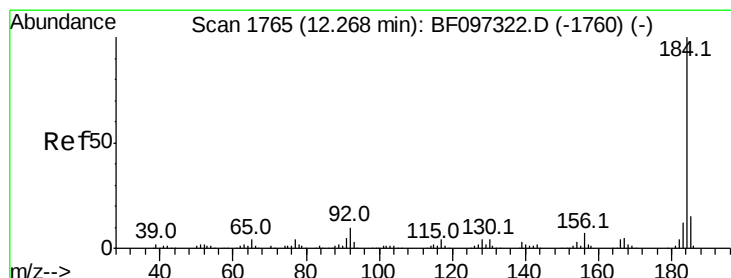
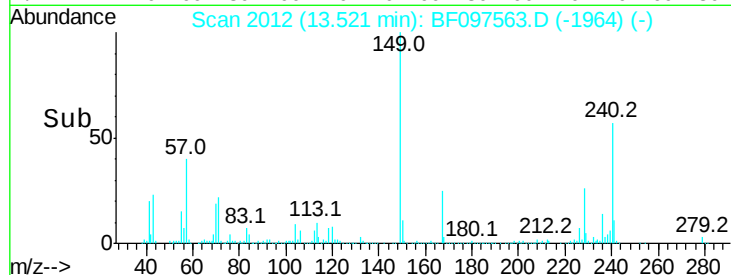
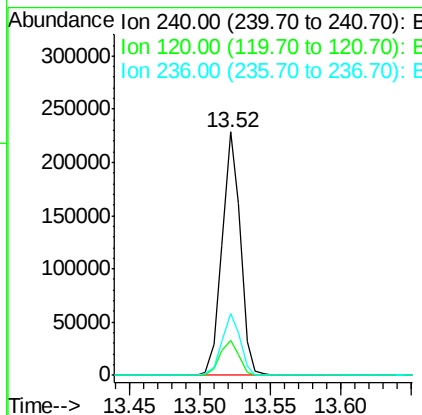
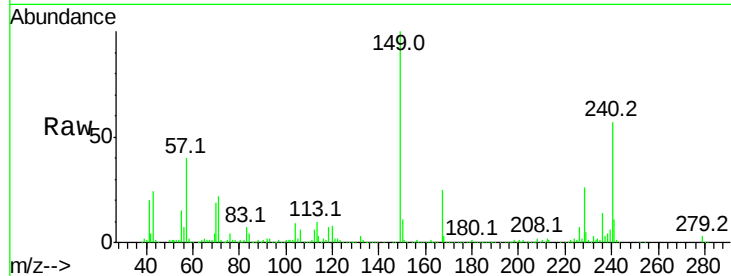
120 14.5 5.8 8.8#

236 25.6 20.5 30.7

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#76

Benzidine

Concen: 32.185 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

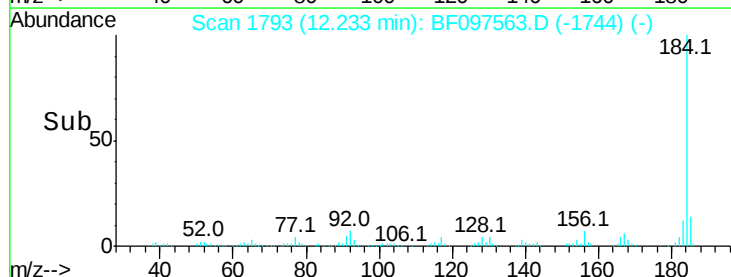
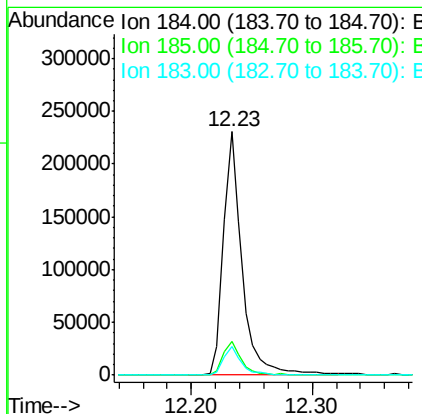
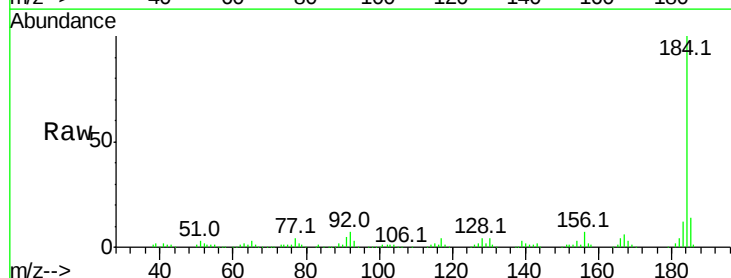
Tgt Ion:184 Resp: 246683

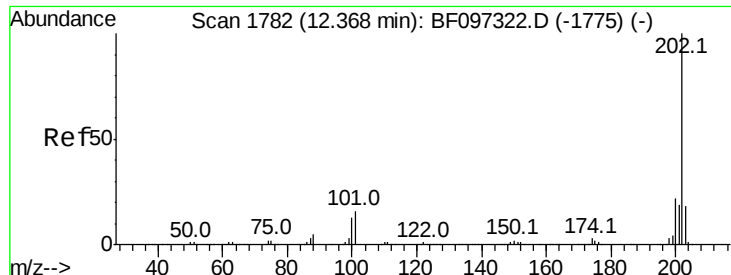
Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

183 11.6 9.8 14.6





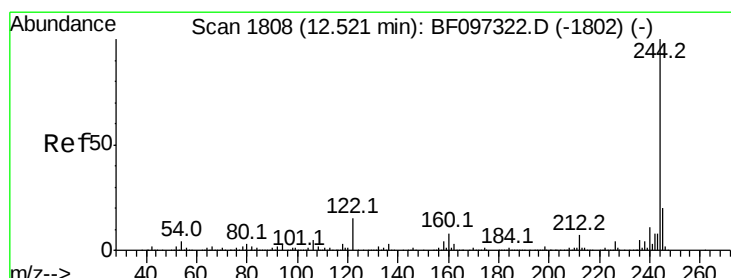
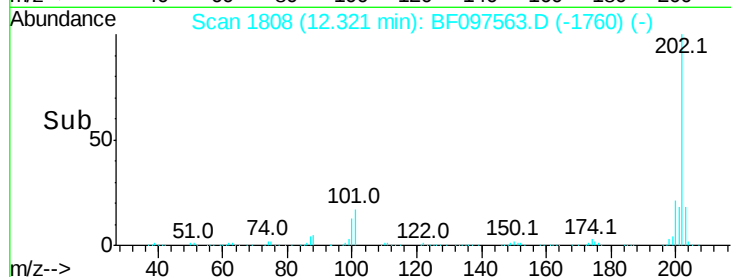
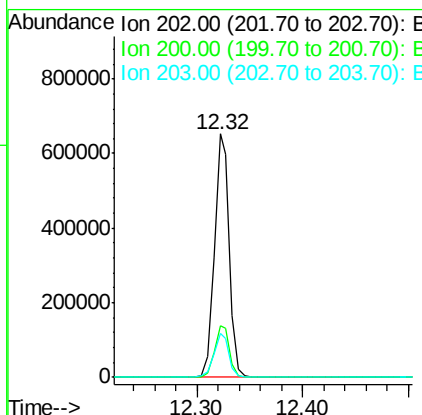
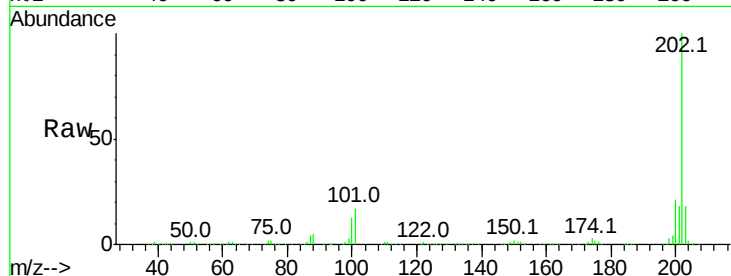
#77
Pvrene
Concen: 38.367 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	648818		
200	21.0		17.6	26.4
203	18.0		14.4	21.6

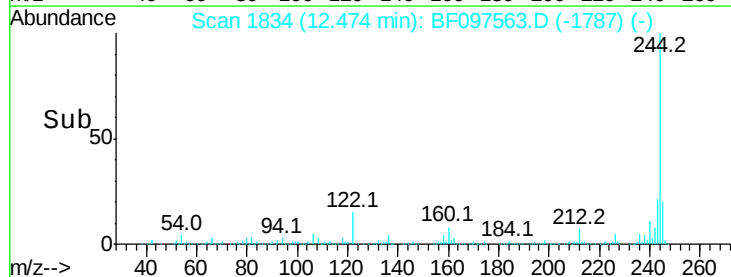
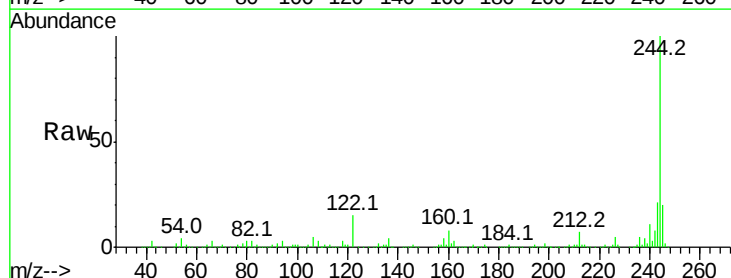
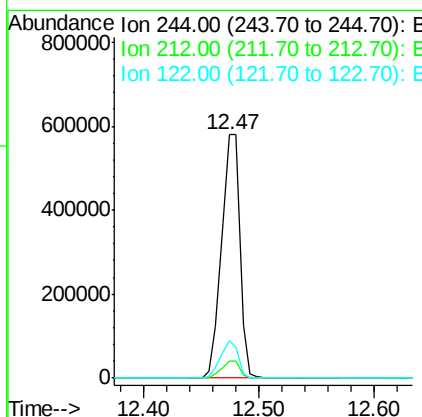
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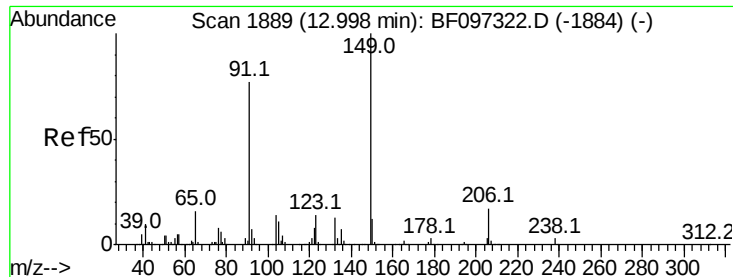
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#78
Terphenyl-d14
Concen: 63.247 ng
RT: 12.47 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	640788		
212	6.9		6.0	9.0
122	15.2		10.3	15.5





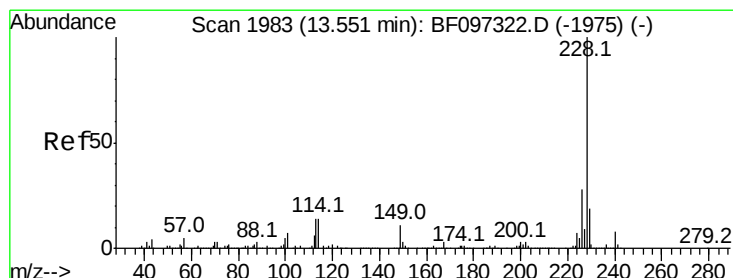
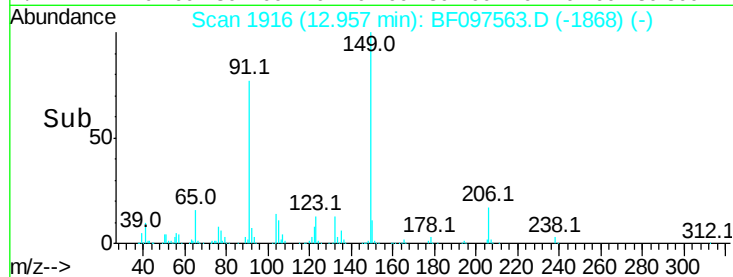
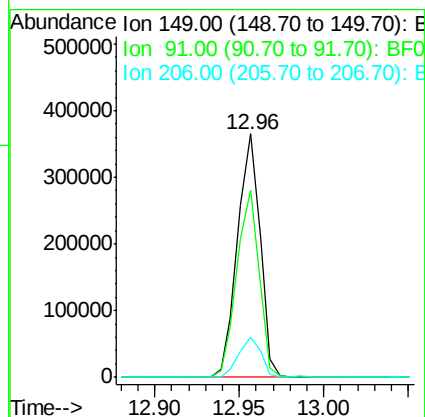
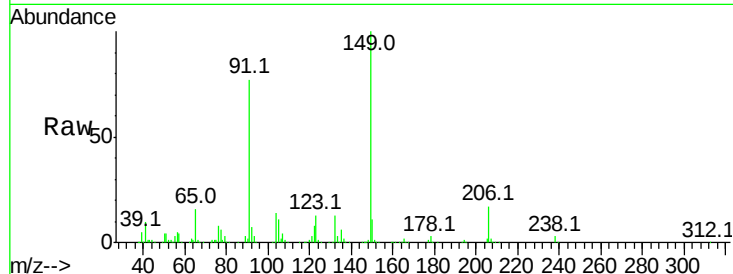
#79
Butylbenzylphthalate
Concen: 39.395 ng
RT: 12.96 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampled :
PB101428BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	77.0	45.0	67.4#
206	16.7	17.0	25.6#

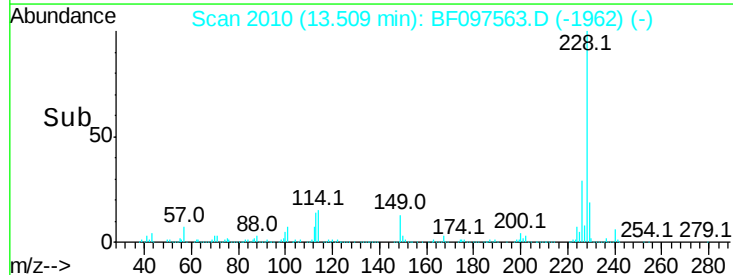
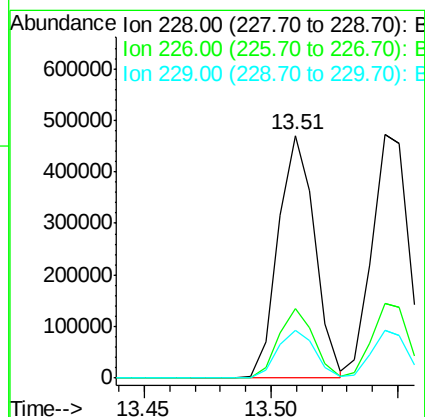
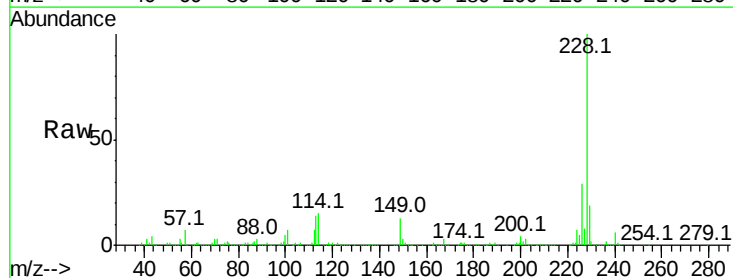
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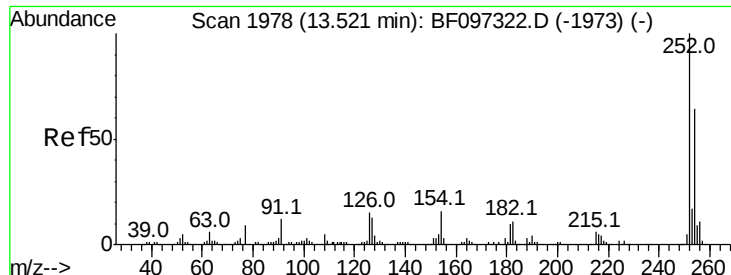
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#80
Benzo(a)anthracene
Concen: 35.546 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.5	16.3	24.5





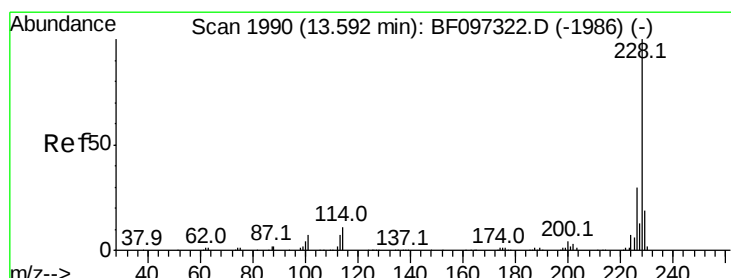
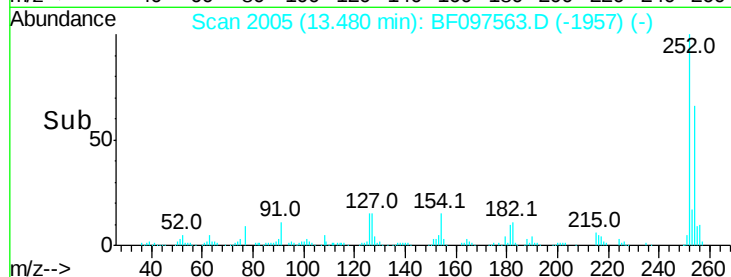
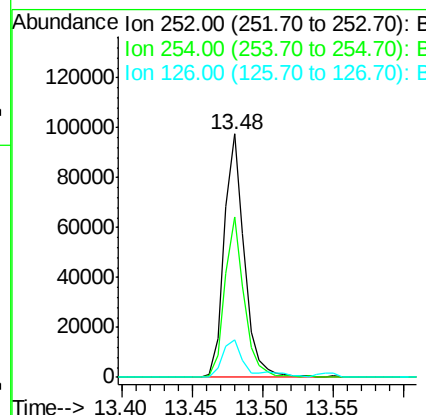
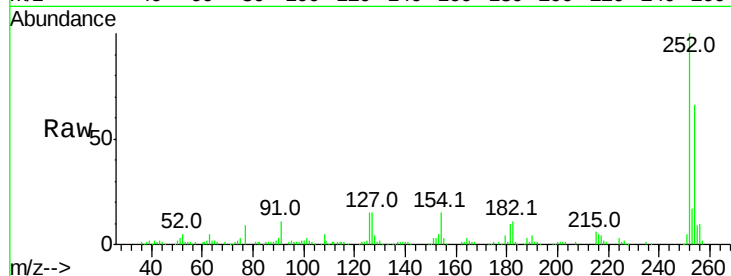
#81
 3,3'-Dichlorobenzidine
 Concen: 19.180 ng
 RT: 13.48 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.5	77.3
126	15.4	15.8	23.8

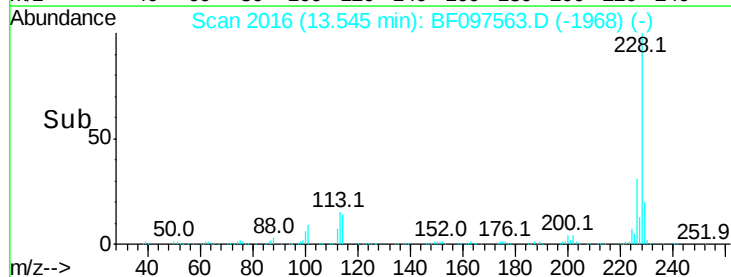
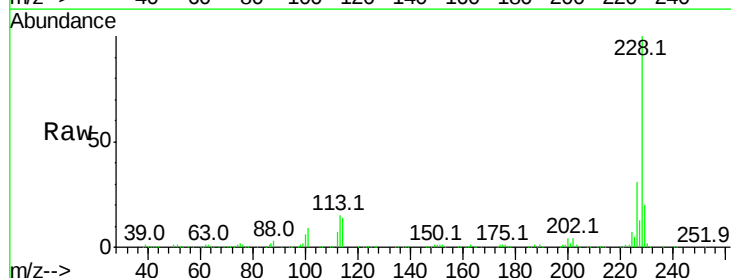
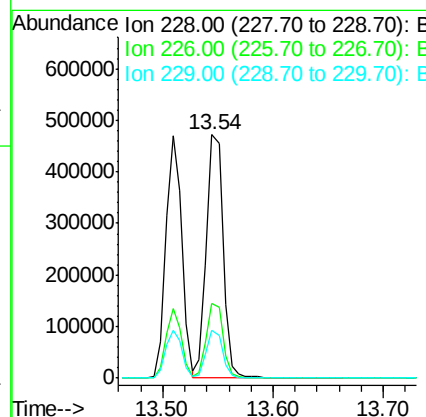
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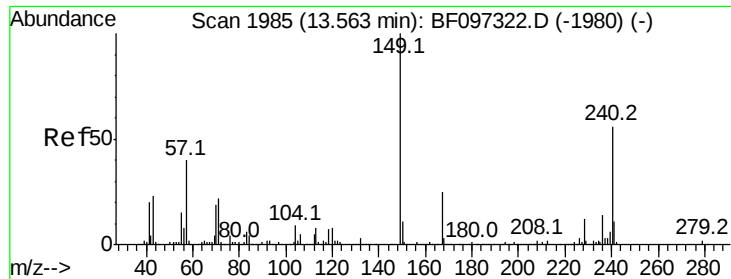
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#82
 Chrysene
 Concen: 37.137 ng
 RT: 13.54 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.711 ng

RT: 13.52 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Instrument :

BNA_F

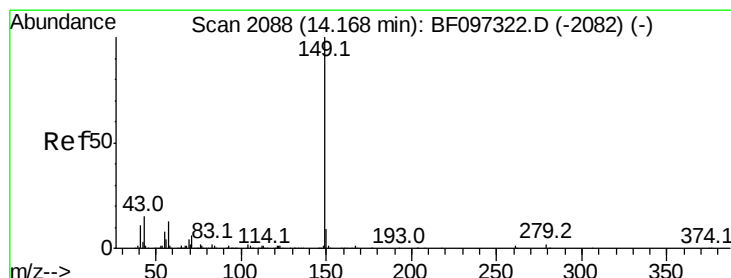
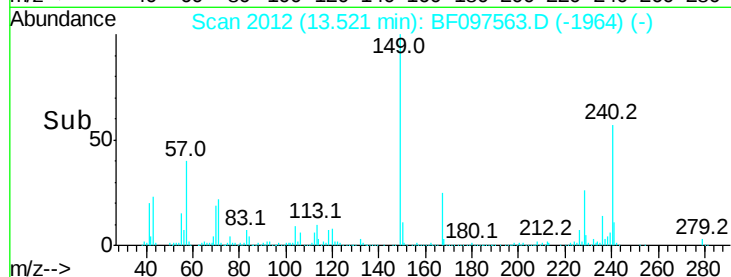
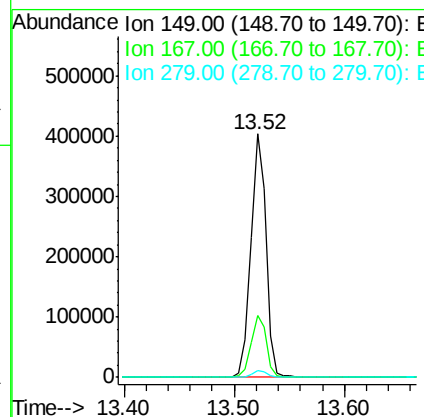
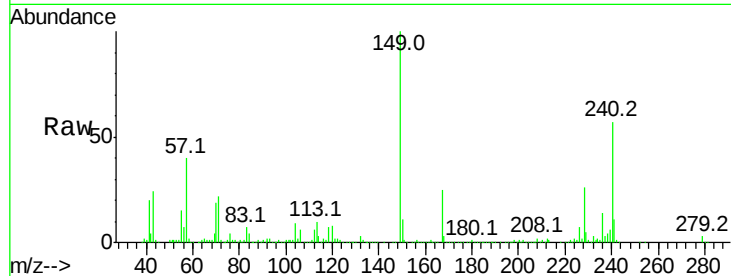
ClientSampled :

PB101428BS

Tot Ion:	149	Resp:	389853
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.0	31.4
279	2.7	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 35.269 ng

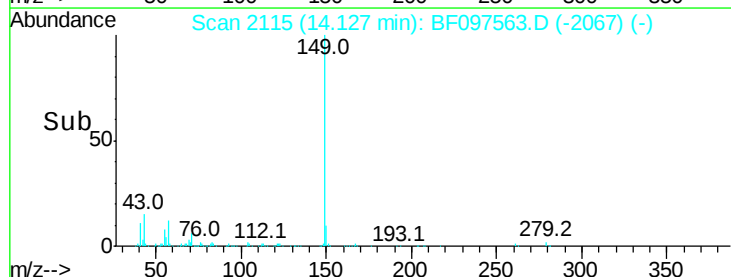
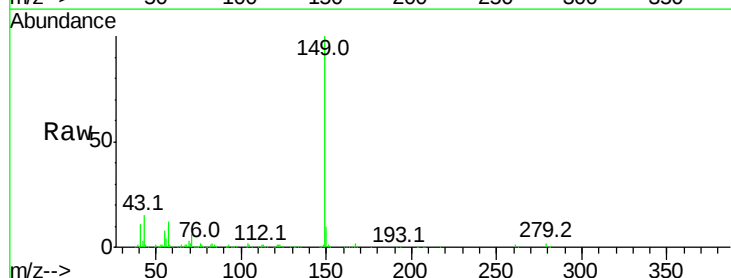
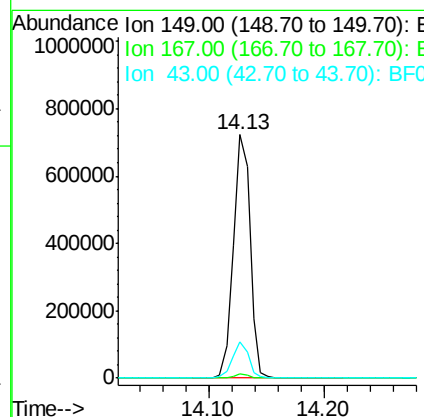
RT: 14.13 min Scan# 2115

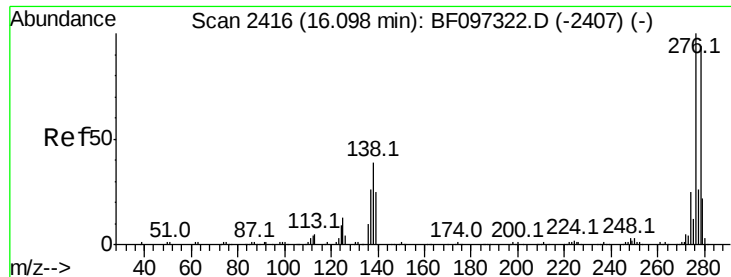
Delta R.T. -0.02 min

Lab File: BF097563.D

Acq: 10 Aug 2017 17:40

Tgt Ion:	149	Resp:	726938
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	14.0	8.5	12.7#





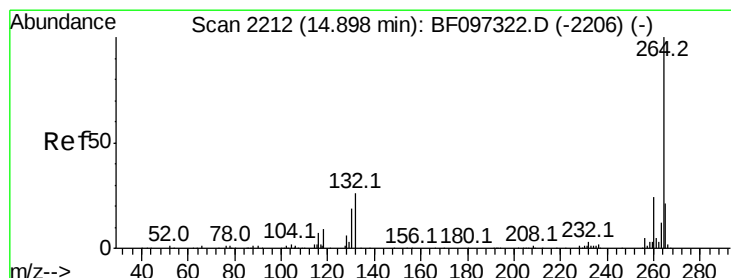
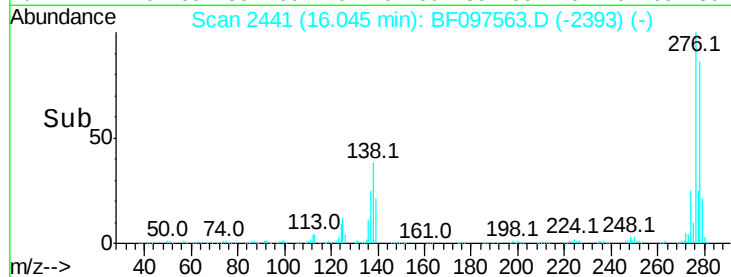
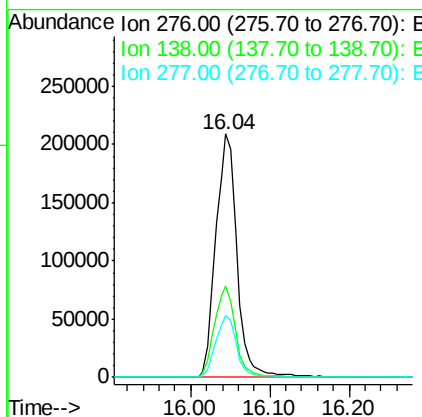
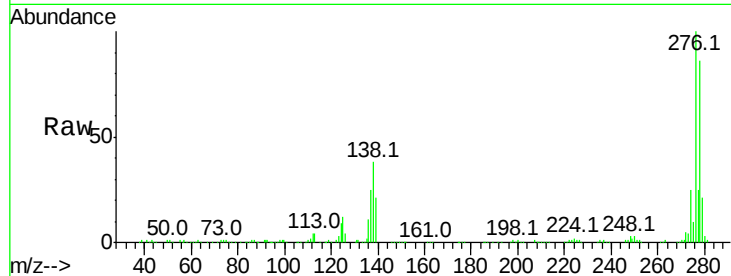
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.642 ng
 RT: 16.04 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion:	276	Resp:	387683
Ion Ratio	Lower	Upper	
276	100		
138	37.3	27.8	41.6
277	25.0	20.2	30.4

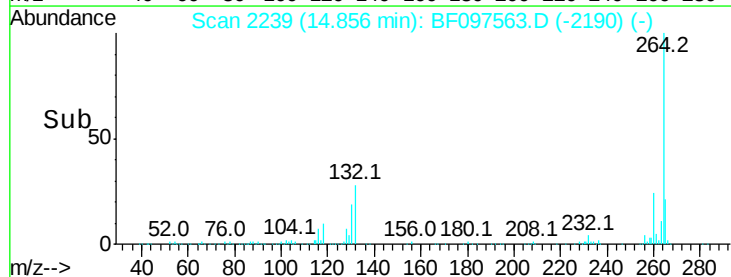
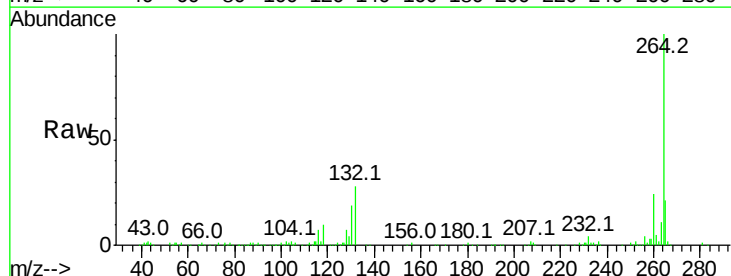
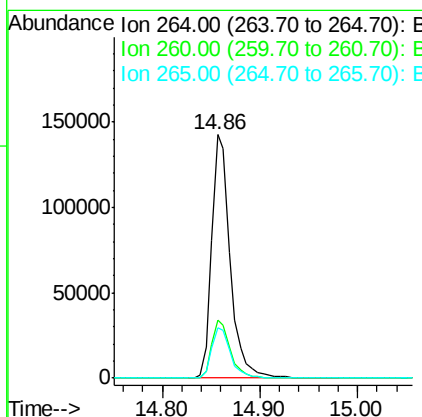
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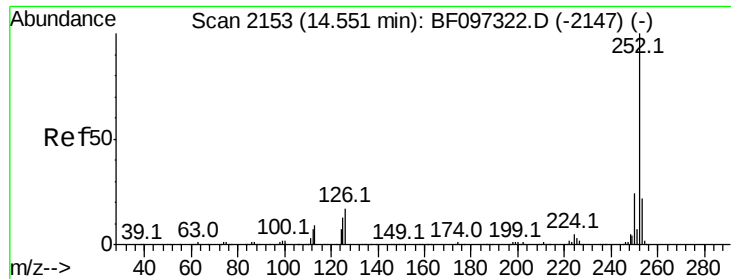
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Tgt Ion:	264	Resp:	186281
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8





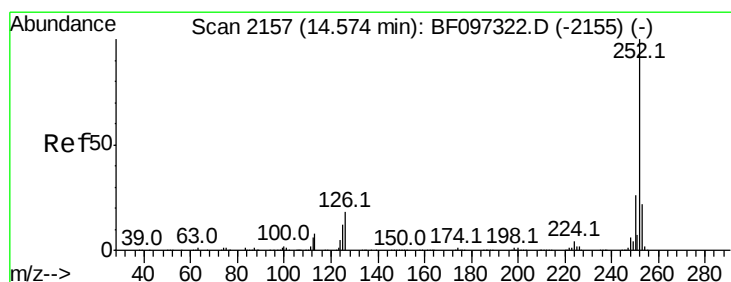
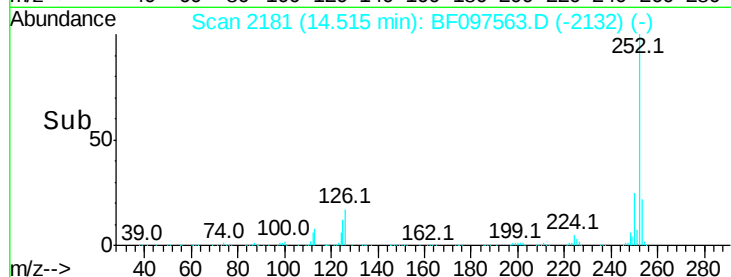
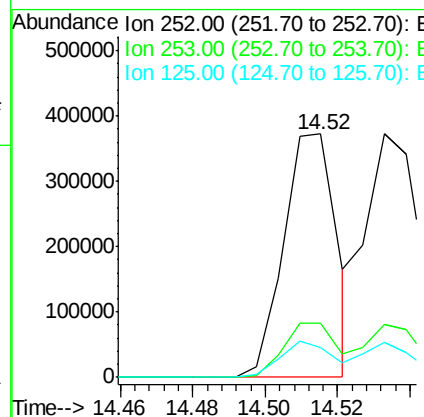
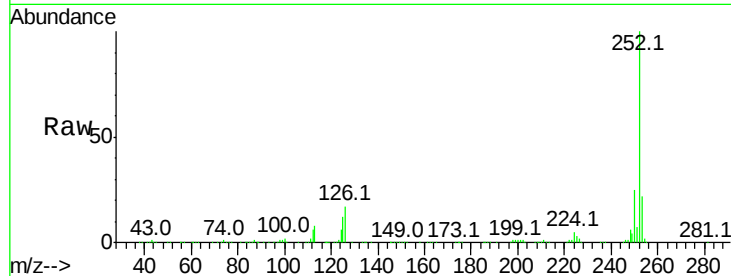
#87
Benzo(b)fluoranthene
Concen: 33.916 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.3	9.8	14.8

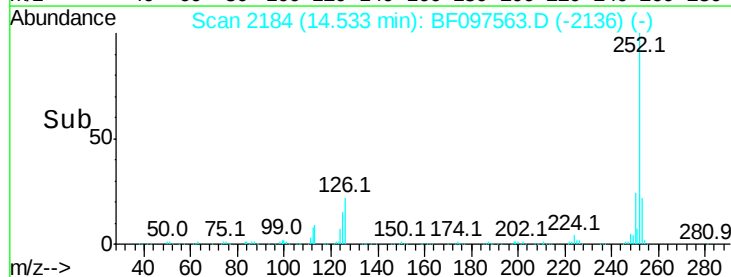
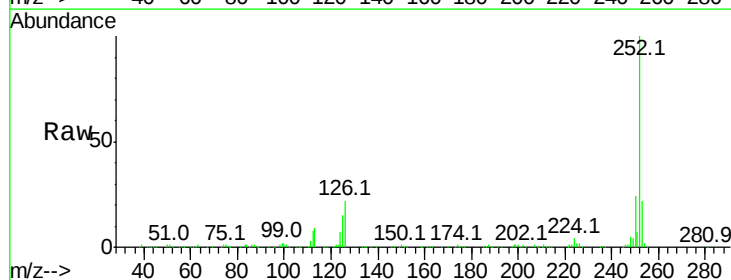
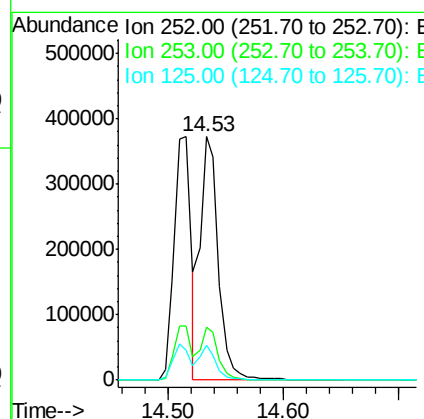
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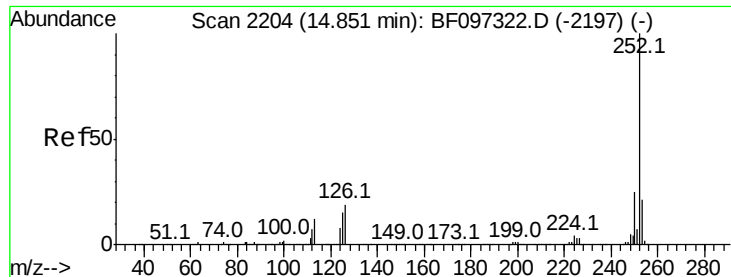
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#88
Benzo(k)fluoranthene
Concen: 38.113 ng
RT: 14.53 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	14.5	13.1	19.7





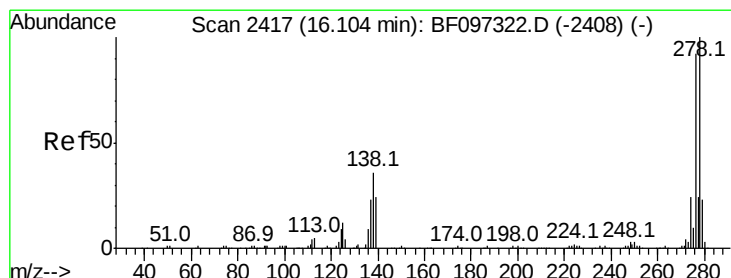
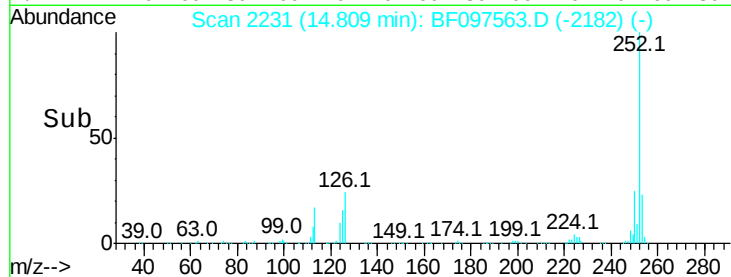
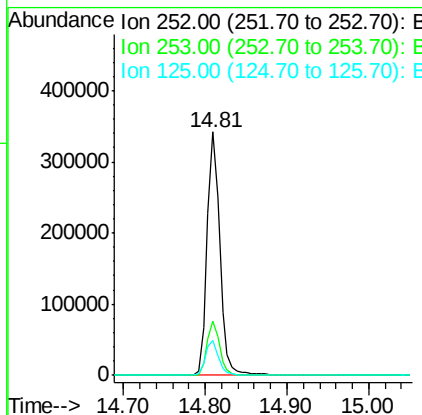
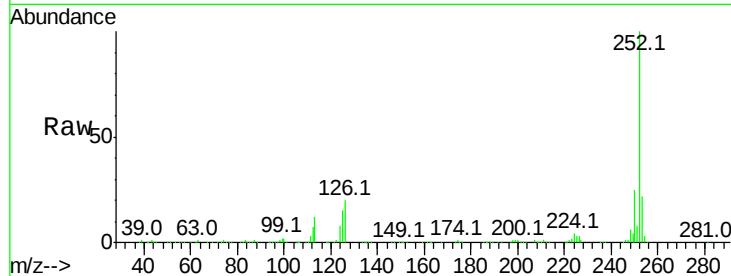
#89
Benzo(a)pyrene
Concen: 36.341 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Instrument :
BNA_F
ClientSampleId :
PB101428BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.5	11.0	16.4

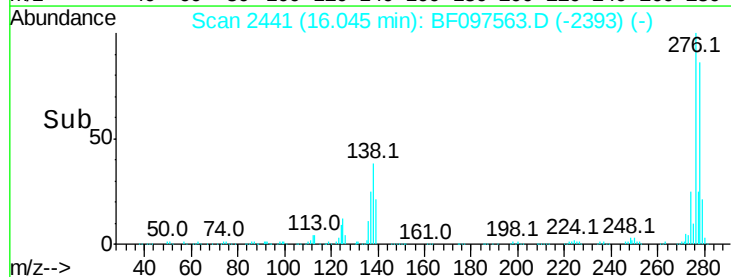
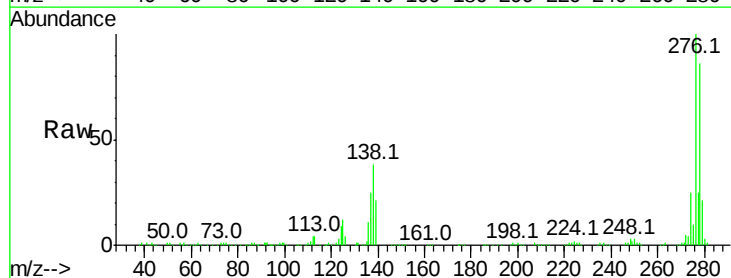
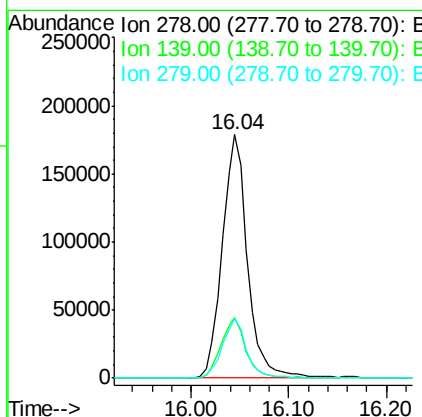
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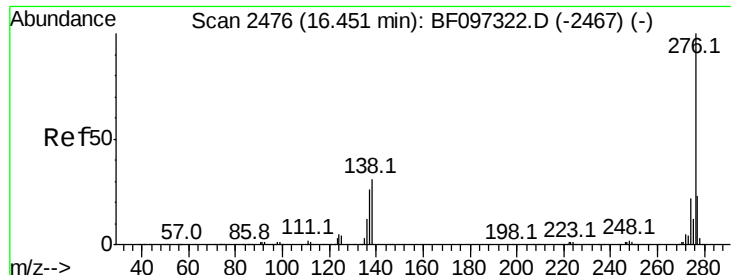
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#90
Dibenzo(a,h)anthracene
Concen: 38.067 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097563.D
Acq: 10 Aug 2017 17:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.9	16.6	24.8#
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.950 ng
 RT: 16.39 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BF097563.D
 Acq: 10 Aug 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
352091	276	100			
	277	24.4		18.6	28.0
	138	32.3		25.4	38.0

Manual Integrations
 APPROVED

sohil
 8/14/2017 6:33:17 PM

