

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097634.D
 Acq On : 12 Aug 2017 14:51
 Operator : SJ/JU
 Sample : PB101441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Manual Integrations
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 8/14/2017 7:05:23 PM

Quant Time: Aug 14 05:55:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	123695	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	591851	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	244292	20.00	ng	-0.01
63) Phenanthrene-d10	14.75	188	428185	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	300001	20.00	ng	-0.01
86) Perylene-d12	20.12	264	248285	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1092182	140.35	ng	0.04
7) Phenol-d6	7.07	99	1178841	122.11	ng	0.02
23) Nitrobenzene-d5	8.42	82	808150	85.62	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	226702	122.08	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	1327040	81.98	ng	-0.01
78) Terphenyl-d14	17.11	244	950360	65.56	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.92	88	153213	45.368	ng	# 69
3) Pyridine	2.50	79	407927	41.414	ng	# 65
4) n-Nitrosodimethylamine	2.47	42	258025	45.148	ng	# 75
6) Aniline	7.00	93	343437	24.753	ng	98
8) 2-Chlorophenol	7.19	128	375832	42.129	ng	95
9) Benzaldehyde	6.81	77	142032	22.312	ng	99
10) Phenol	7.09	94	444398	42.044	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	321069	37.871	ng	88
12) 1,3-Dichlorobenzene	7.40	146	381323	38.168	ng	97
13) 1,4-Dichlorobenzene	7.53	146	387396	38.096	ng	95
14) 1,2-Dichlorobenzene	7.76	146	352964	38.034	ng	99
15) Benzyl Alcohol	7.80	79	348069	52.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	788082	41.403	ng	90
17) 2-Methylphenol	8.02	107	308146	44.568	ng	96
18) Hexachloroethane	8.27	117	135608	38.977	ng	# 80
19) n-Nitroso-di-n-propylamine	8.23	70	281746	41.960	ng	# 81
20) 3+4-Methylphenols	8.29	107	411126	48.554	ng	# 63
22) Acetophenone	8.19	105	527983	37.761	ng	# 99
24) Nitrobenzene	8.45	77	420531	40.884	ng	95
25) Isophorone	8.85	82	791948	45.548	ng	97
26) 2-Nitrophenol	8.95	139	228065	43.836	ng	# 83
27) 2,4-Dimethylphenol	9.10	122	365831	42.166	ng	98
28) bis(2-Chloroethoxy)methane	9.22	93	531682	42.321	ng	98
29) 2,4-Dichlorophenol	9.37	162	322803	42.196	ng	96
30) 1,2,4-Trichlorobenzene	9.46	180	295427	38.950	ng	96
31) Naphthalene	9.56	128	1132997	38.219	ng	99
32) Benzoic acid	9.46	122	182842	39.109	ng	95
33) 4-Chloroaniline	9.71	127	228245	18.585	ng	96
34) Hexachlorobutadiene	9.78	225	144004	34.757	ng	99
35) Caprolactam	10.35	113	107951m	43.796	ng	
36) 4-Chloro-3-methylphenol	10.59	107	329386	38.321	ng	88
37) 2-Methylnaphthalene	10.69	142	738925	39.615	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	267104	38.613	ng	98
40) Hexachlorocyclopentadiene	10.95	237	146691	96.093	ng	98

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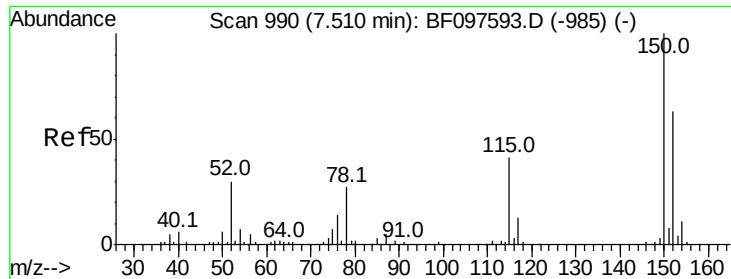
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	171823	37.701	nq	99
43) 2,4,5-Trichlorophenol	11.28	196	163084	37.885	nq	96
45) 1,1'-Biphenyl	11.46	154	807021	38.505	nq	97
46) 2-Chloronaphthalene	11.47	162	616262	38.295	nq	94
47) 2-Nitroaniline	11.69	65	231264	36.686	nq	96
48) Acenaphthylene	12.13	152	1021161	39.916	nq	99
49) Dimethylphthalate	12.02	163	730118	38.780	nq	98
50) 2,6-Dinitrotoluene	12.11	165	164281	42.255	nq #	65
51) Acenaphthene	12.41	154	562439	36.685	nq	98
52) 3-Nitroaniline	12.37	138	116221	22.831	nq	97
53) 2,4-Dinitrophenol	12.59	184	82698	51.599	nq #	74
54) Dibenzofuran	12.70	168	836035	38.952	nq	98
55) 4-Nitrophenol	12.77	139	126696	65.352	nq #	37
56) 2,4-Dinitrotoluene	12.77	165	238271	45.917	nq #	69
57) Fluorene	13.25	166	717253	40.635	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.94	232	123323	41.715	nq	95
59) Diethylphthalate	13.16	149	793103	44.601	nq	99
60) 4-Chlorophenyl-phenylether	13.27	204	300750	39.911	nq	99
61) 4-Nitroaniline	13.38	138	201247	41.444	nq	93
62) Azobenzene	13.54	77	932966	52.736	nq	93
64) 4,6-Dinitro-2-methylphenol	13.44	198	92479	35.406	nq	85
65) n-Nitrosodiphenylamine	13.49	169	632563	39.976	nq	98
66) 4-Bromophenyl-phenylether	14.06	248	177439	39.943	nq	97
67) Hexachlorobenzene	14.14	284	182201	37.653	nq #	90
68) Atrazine	14.42	200	184727	46.528	nq	95
69) Pentachlorophenol	14.51	266	57761m	61.479	nq	
70) Phenanthrene	14.79	178	941821	38.190	nq	98
71) Anthracene	14.88	178	940577	37.276	nq	99
72) Carbazole	15.17	167	898287	37.396	nq	99
73) Di-n-butylphthalate	15.75	149	1096620	39.003	nq	99
74) Fluoranthene	16.56	202	853107	38.282	nq	98
76) Benzidine	16.77	184	355968	36.004	nq #	93
77) Pyrene	16.86	202	874818	35.263	nq	100
79) Butylbenzylphthalate	17.77	149	454887	43.860	nq #	79
80) Benzo(a)anthracene	18.44	228	685300	39.112	nq	99
81) 3,3'-Dichlorobenzidine	18.42	252	147106	24.343	nq #	97
82) Chrysene	18.49	228	662577	38.019	nq	100
83) Bis(2-ethylhexyl)phthalate	18.52	149	640932	43.450	nq	98
84) Di-n-octyl phthalate	19.29	149	1038932	40.329	nq #	92
85) Indeno(1,2,3-cd)pyrene	21.33	276	484754	35.763	nq	99
87) Benzo(b)fluoranthene	19.71	252	619769	41.570	nq	98
88) Benzo(k)fluoranthene	19.74	252	545751m	36.346	nq	
89) Benzo(a)pyrene	20.06	252	550207	40.207	nq	99
90) Dibenzo(a,h)anthracene	21.33	278	396210	40.438	nq	97
91) Benzo(g,h,i)perylene	21.67	276	427376	39.762	nq	98

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



#1

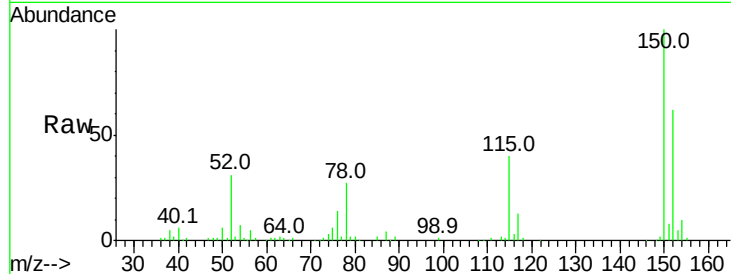
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
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ClientSampleId :
PB101441BS

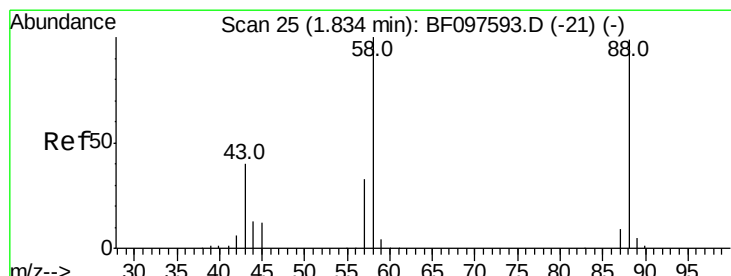
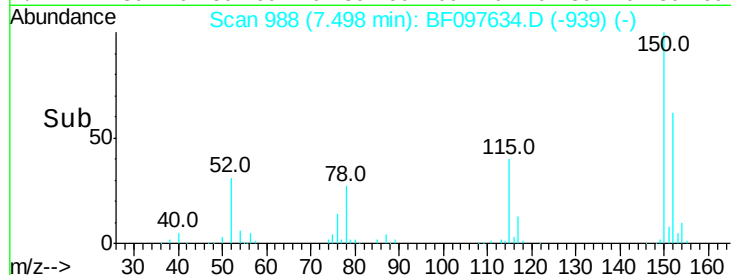
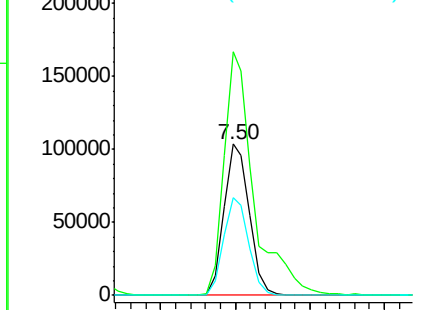
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	64.9	52.2	78.2

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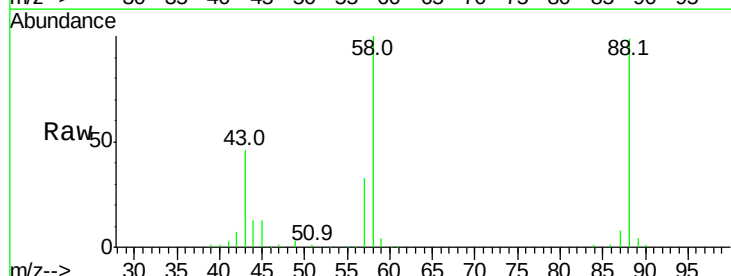
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



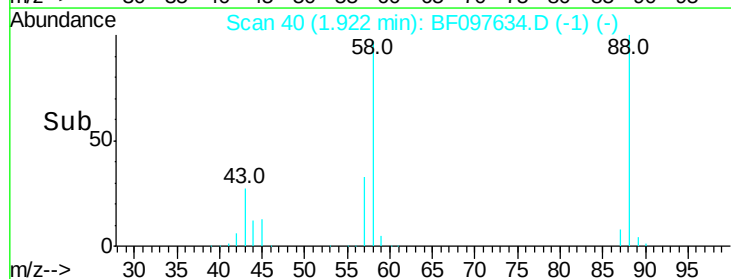
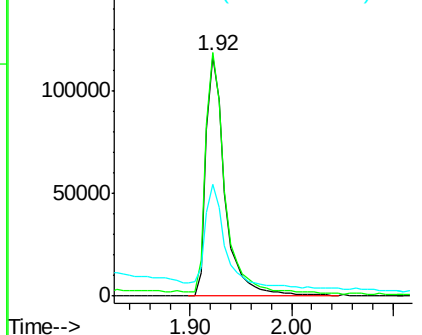
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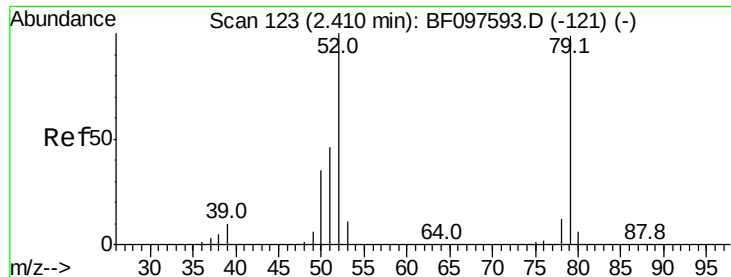
1,4-Dioxane
Concen: 45.368 ng
RT: 1.92 min Scan# 40
Delta R.T. 0.09 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.4	61.4	92.0#
43	49.3	23.4	35.0#



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





#3

Pvridine

Concen: 41.414 ng

RT: 2.50 min Scan# 138

Delta R.T. 0.09 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion: 79 Resp: 407927

Ion Ratio Lower Upper

79 100

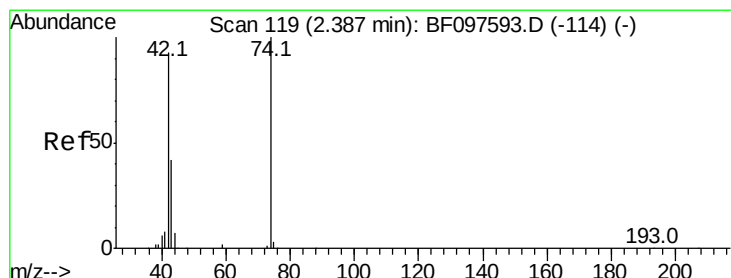
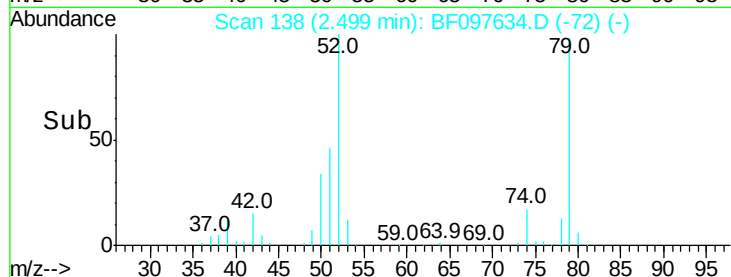
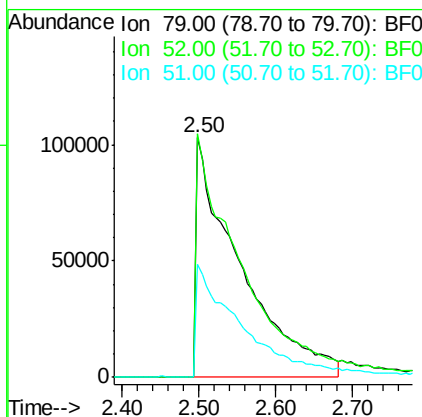
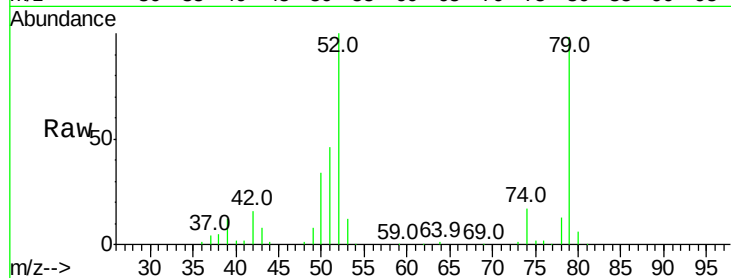
52 101.8 54.8 82.2#

51 47.3 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 45.148 ng

RT: 2.47 min Scan# 133

Delta R.T. 0.08 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

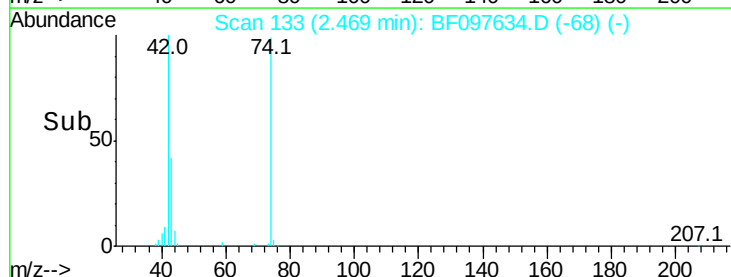
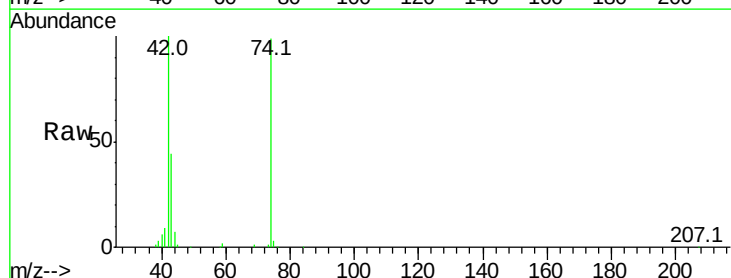
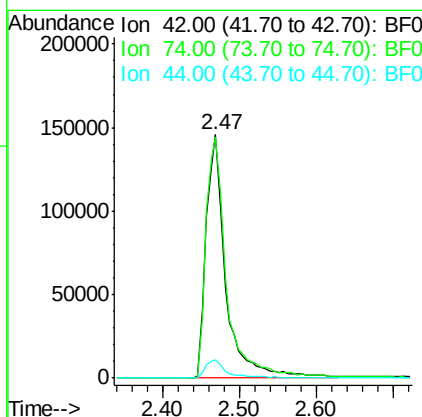
Tgt Ion: 42 Resp: 258025

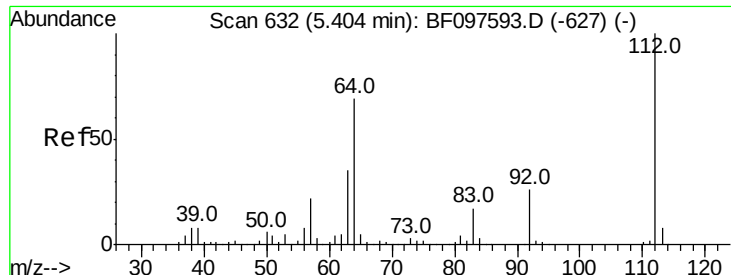
Ion Ratio Lower Upper

42 100

74 99.1 103.9 155.9#

44 7.4 5.7 8.5





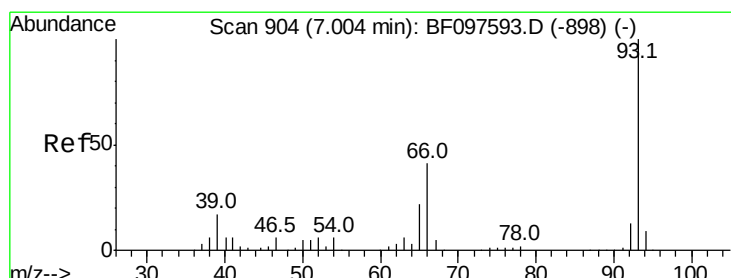
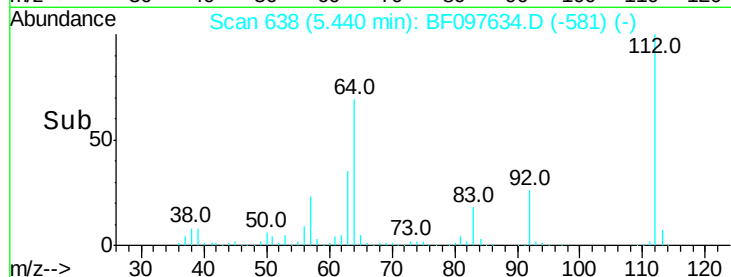
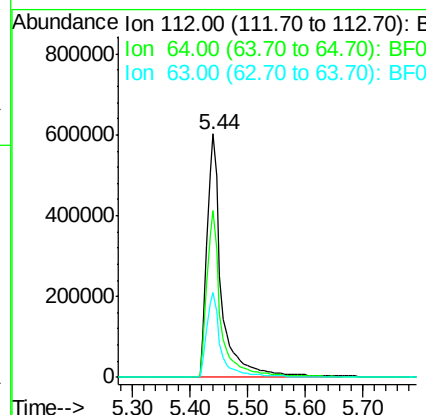
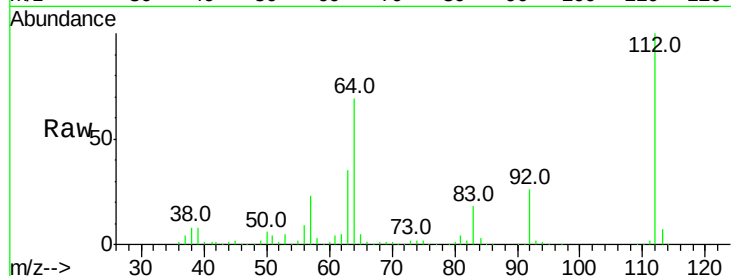
#5
2-Fluorophenol
Concen: 140.347 ng
RT: 5.44 min Scan# 638
Delta R.T. 0.04 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1092182		
64	68.7		46.0	69.0
63	35.1		23.4	35.0#

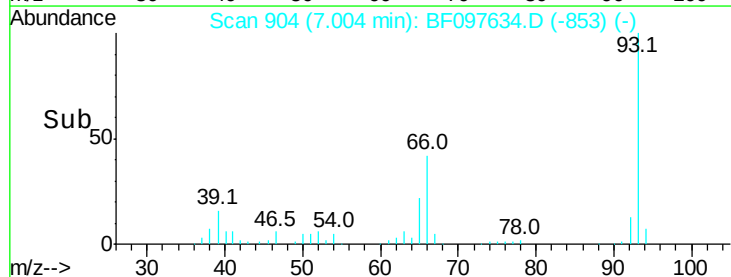
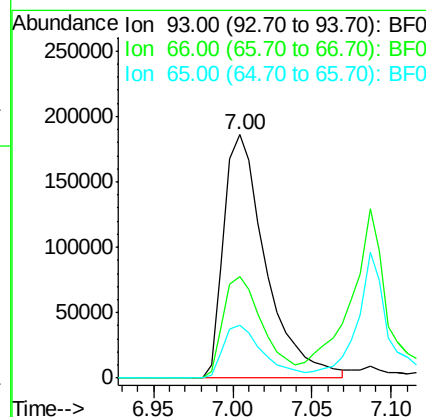
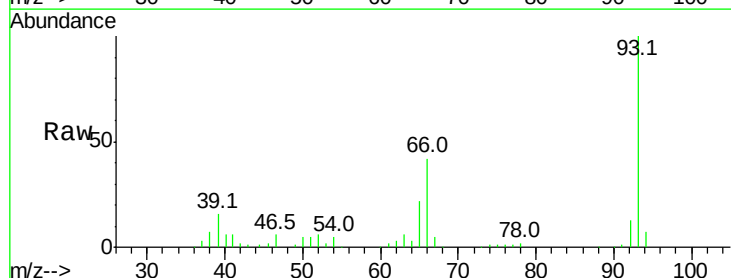
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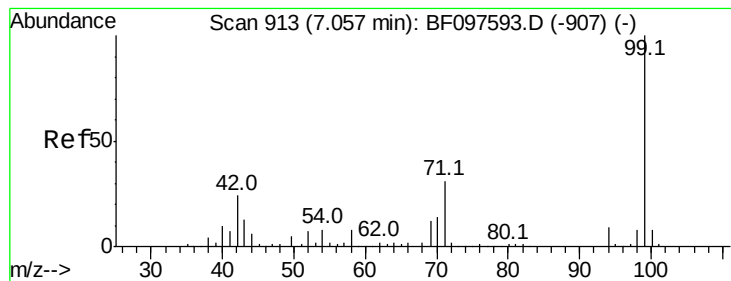
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#6
Aniline
Concen: 24.753 ng
RT: 7.00 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343437		
66	41.8		32.9	49.3
65	21.7		16.0	24.0





#7

Phenol-d6

Concen: 122.113 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion: 99 Resp: 1178841

Ion Ratio Lower Upper

99 100

42 25.2 13.5 20.3#

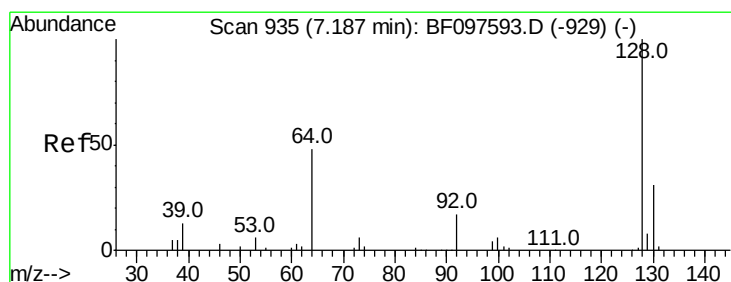
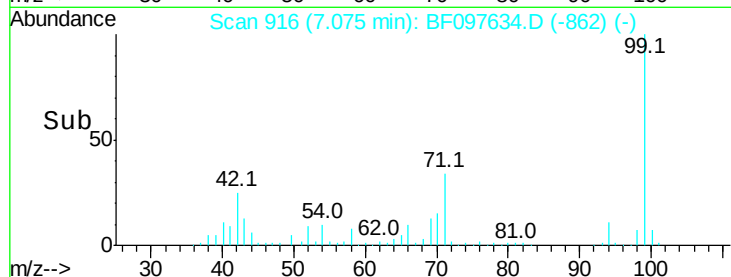
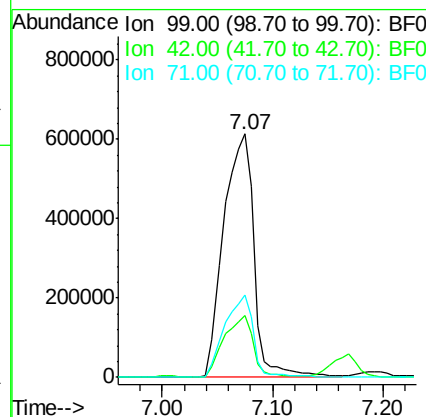
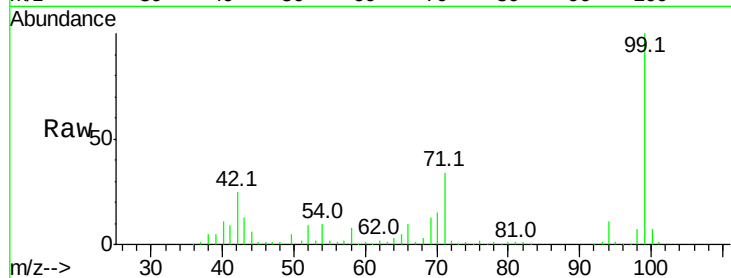
71 34.0 24.5 36.7

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#8

2-Chlorophenol

Concen: 42.129 ng

RT: 7.19 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

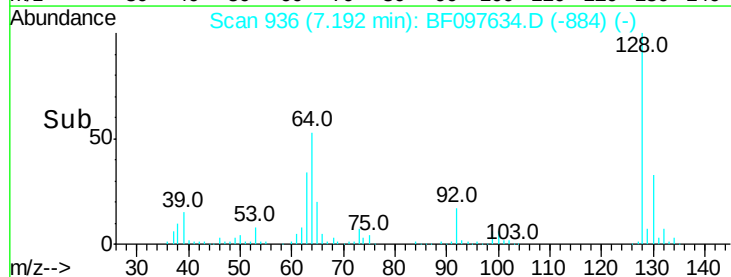
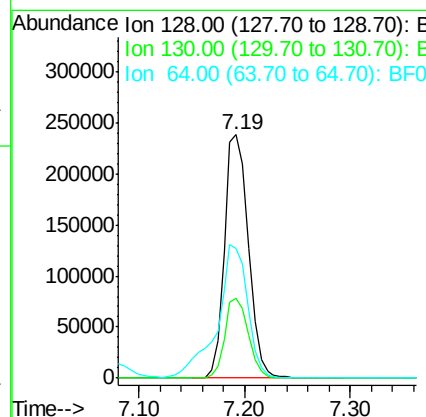
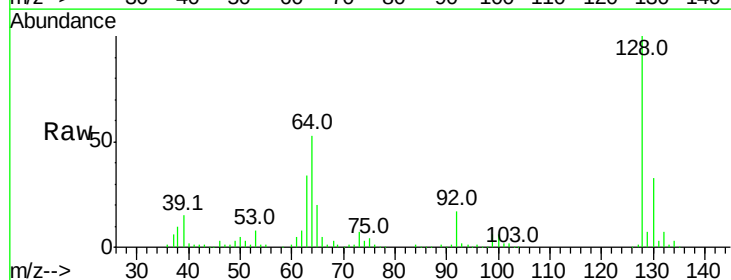
Tgt Ion: 128 Resp: 375832

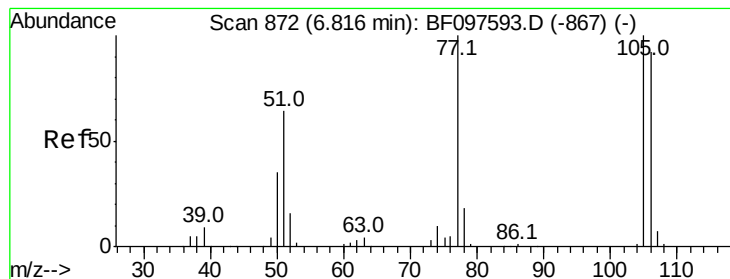
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 53.4 28.4 68.4





#9

Benzaldehyde

Concen: 22.312 ng

RT: 6.81 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion: 77 Resp: 142032

Ion Ratio Lower Upper

77 100

105 102.7 83.8 123.8

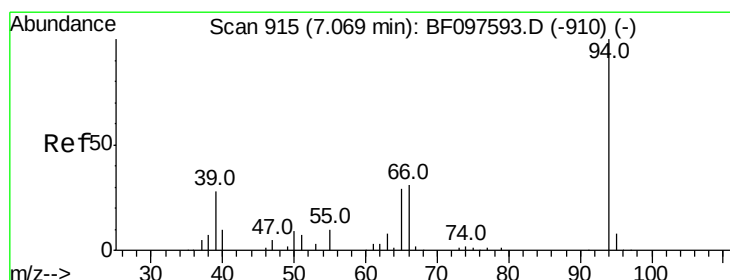
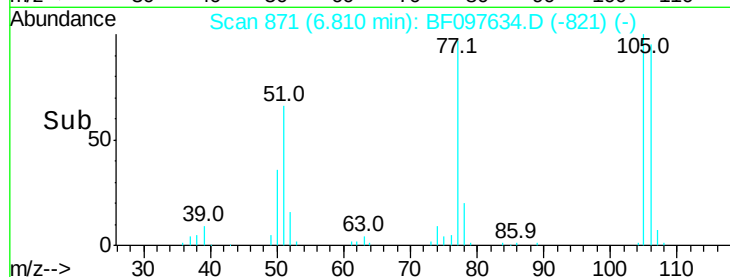
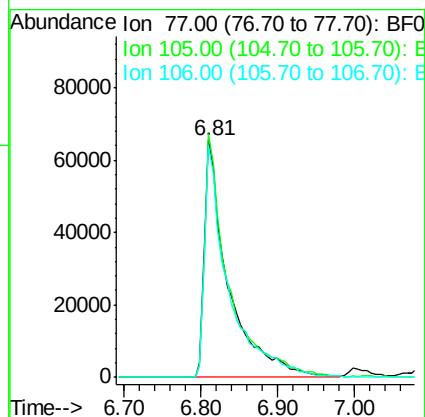
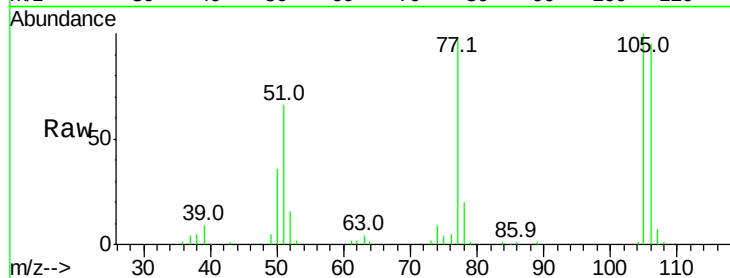
106 97.9 79.1 119.1

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#10

Phenol

Concen: 42.044 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

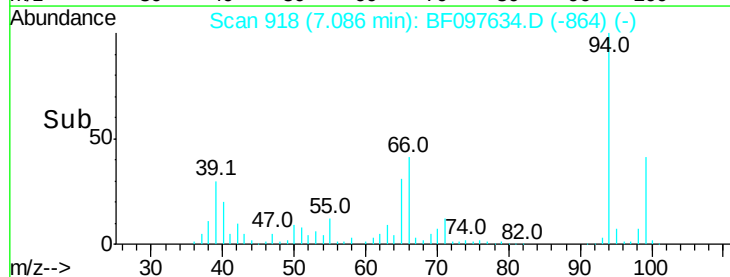
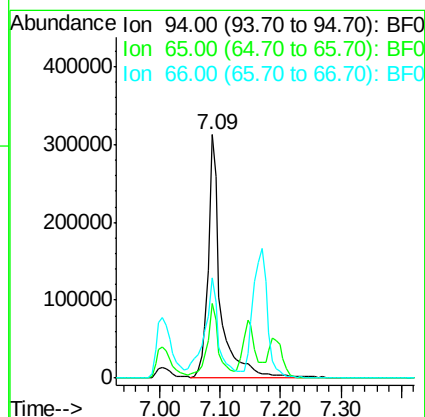
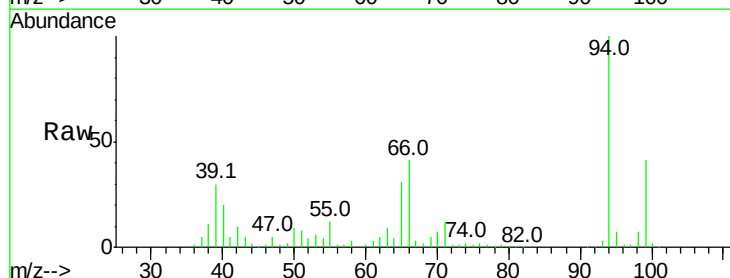
Tgt Ion: 94 Resp: 444398

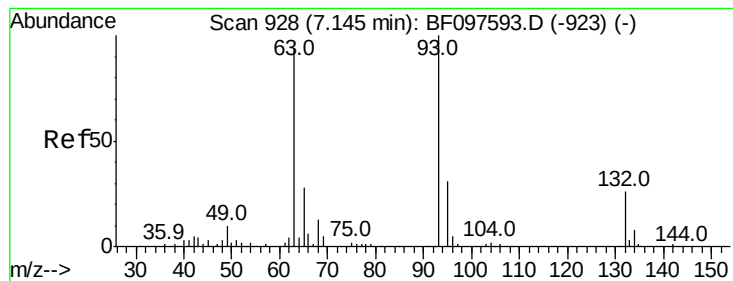
Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

66 41.4 23.1 63.1





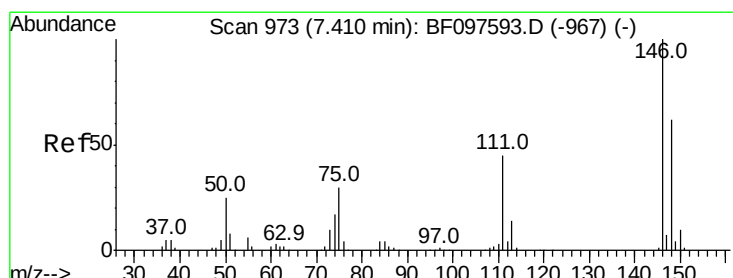
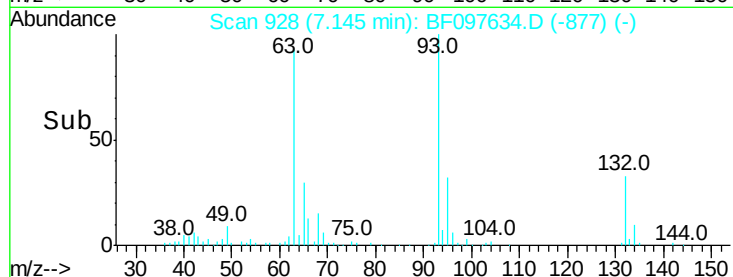
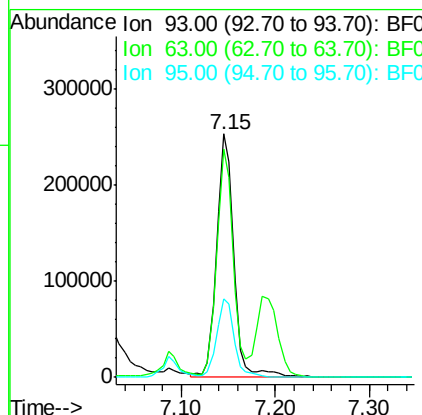
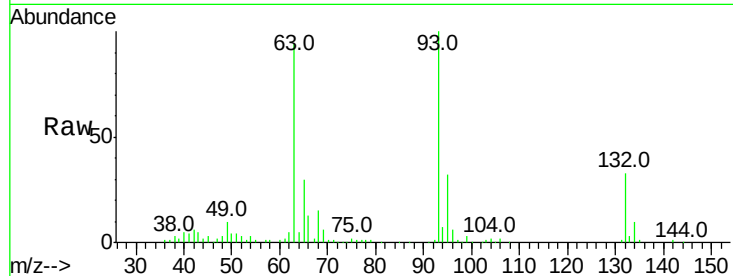
#11
bis(2-Chloroethyl)ether
Concen: 37.871 ng
RT: 7.15 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	321069		
63	93.6	59.2	99.2	
95	32.3	12.8	52.8	

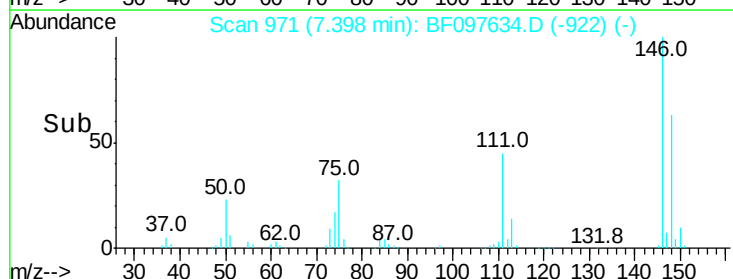
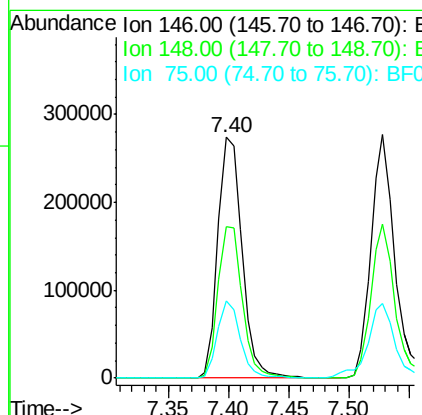
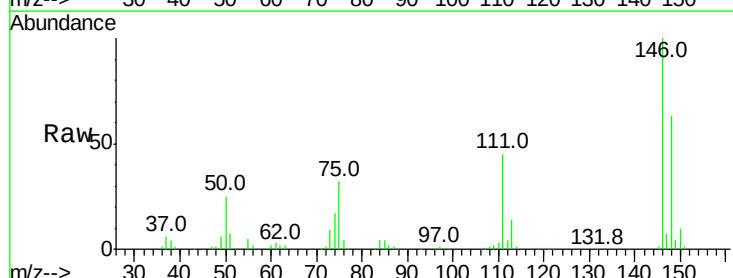
Manual Integrations
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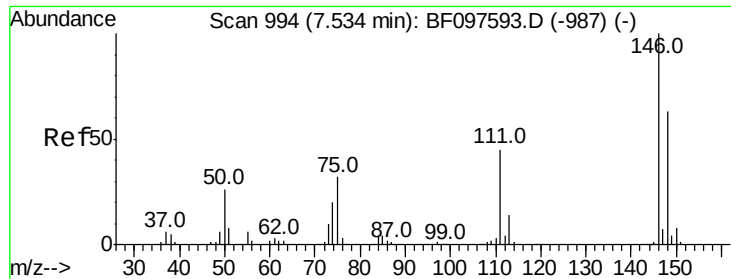
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#12
1,3-Dichlorobenzene
Concen: 38.168 ng
RT: 7.40 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	381323		
148	62.7	51.8	77.6	
75	31.8	23.1	34.7	





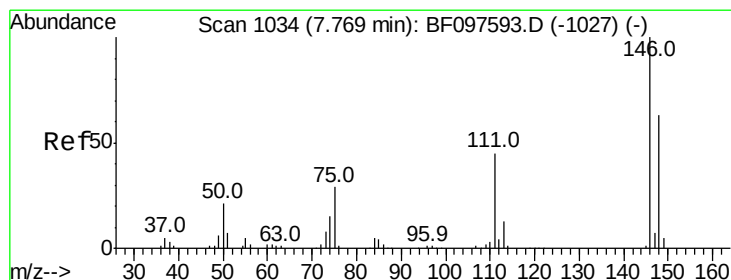
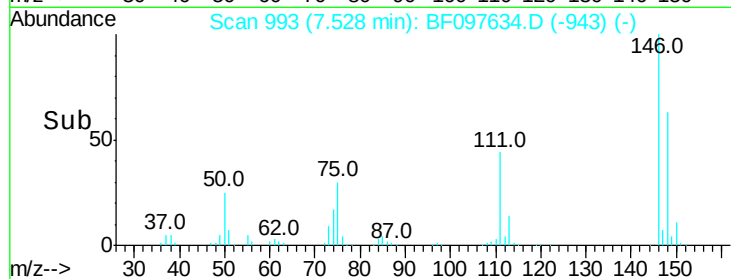
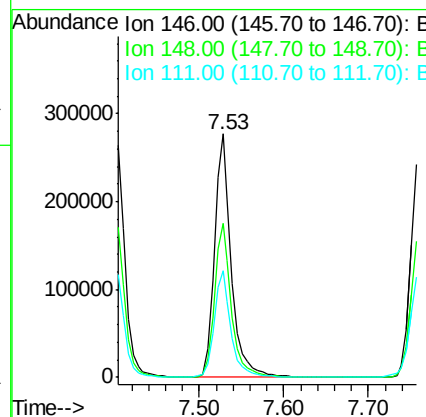
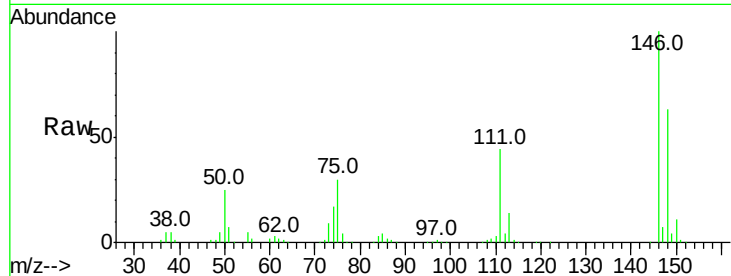
#13
 1,4-Dichlorobenzene
 Concen: 38.096 ng
 RT: 7.53 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	44.0	30.3	45.5

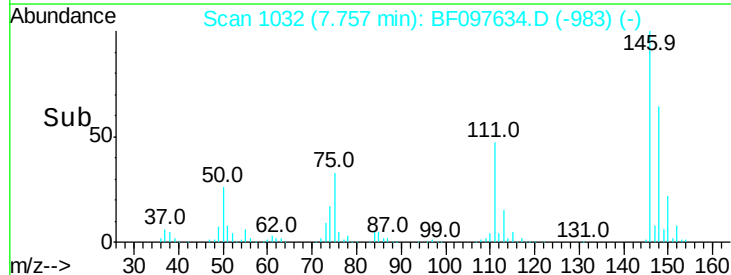
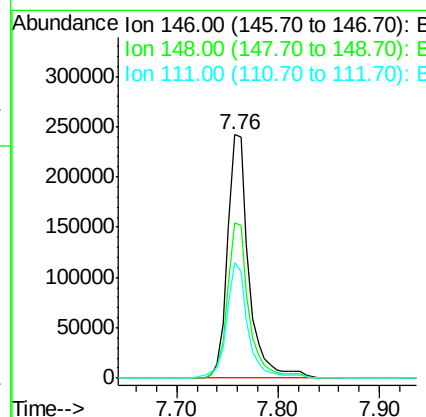
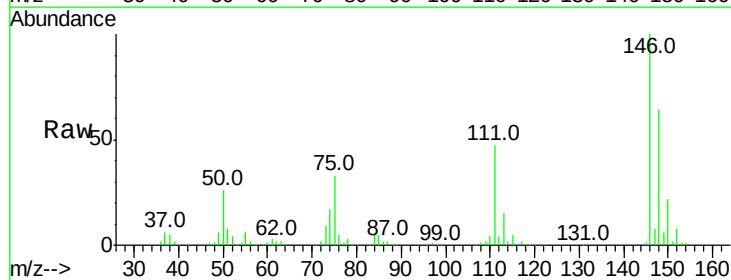
Manual Integrations
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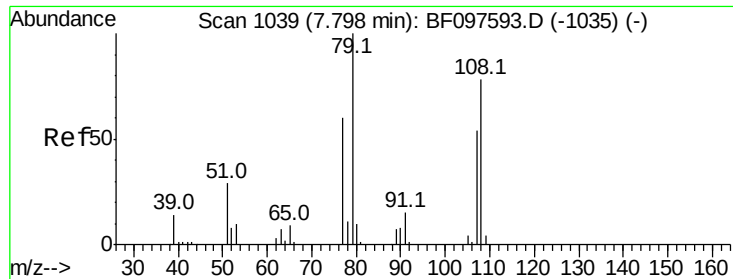
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#14
 1,2-Dichlorobenzene
 Concen: 38.034 ng
 RT: 7.76 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	47.3	38.2	57.4





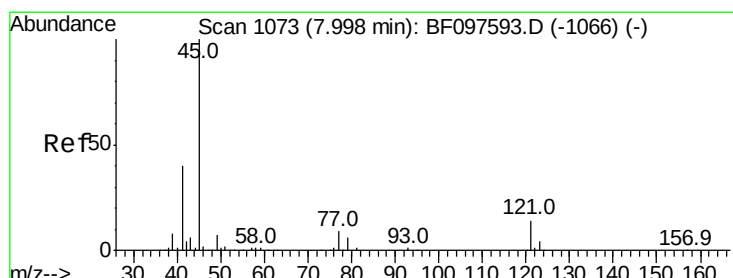
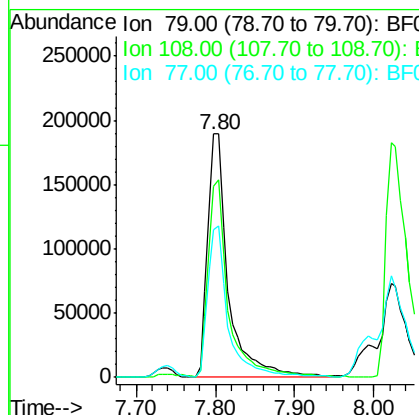
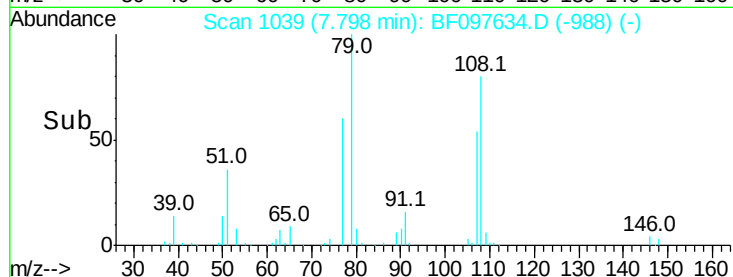
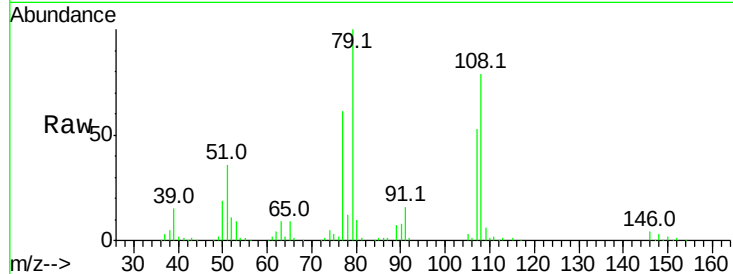
#15
Benzyl Alcohol
Concen: 52.178 ng
RT: 7.80 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:	79	Resp:	348069
Ion Ratio	Lower	Upper	
79	100		
108	78.7	63.4	95.0
77	60.6	49.2	73.8

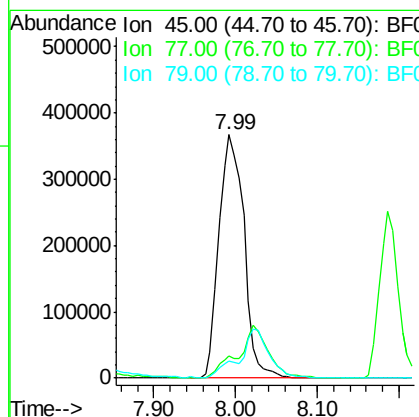
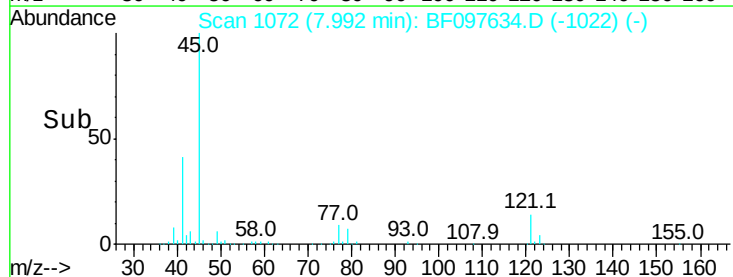
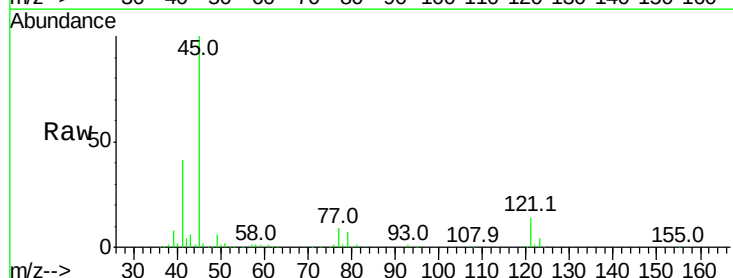
Manual Integrations
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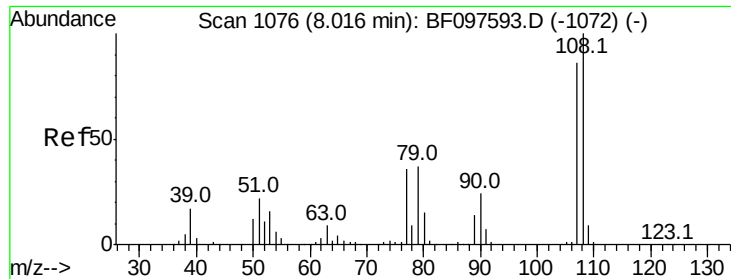
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.403 ng
RT: 7.99 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion:	45	Resp:	788082
Ion Ratio	Lower	Upper	
45	100		
77	8.8	0.0	33.2
79	6.9	0.0	30.0





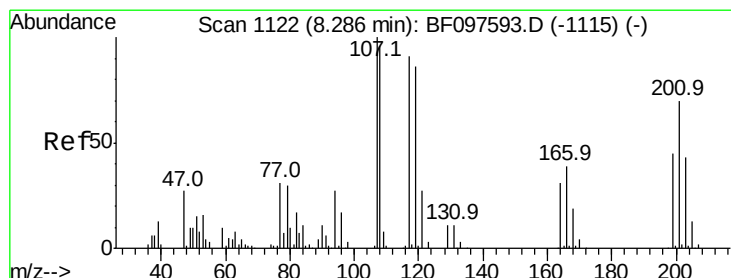
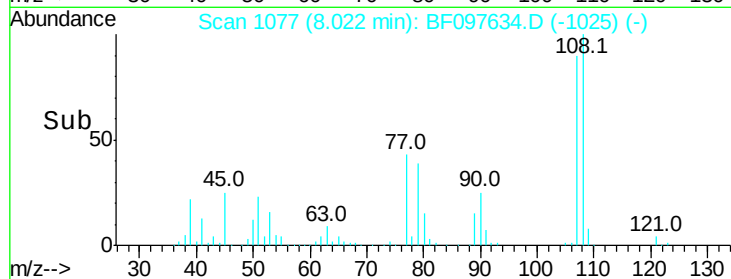
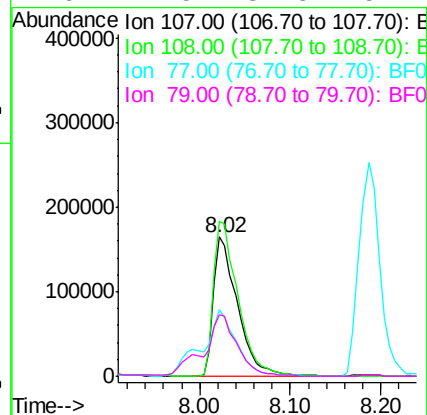
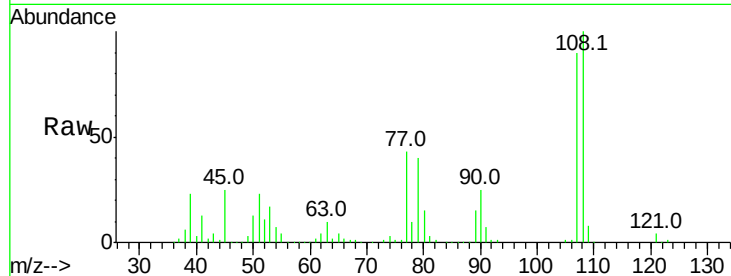
#17
2-Methylphenol
Concen: 44.568 ng
RT: 8.02 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	93.4	140.0	
77	48.3	35.8	53.6	
79	44.5	34.8	52.2	

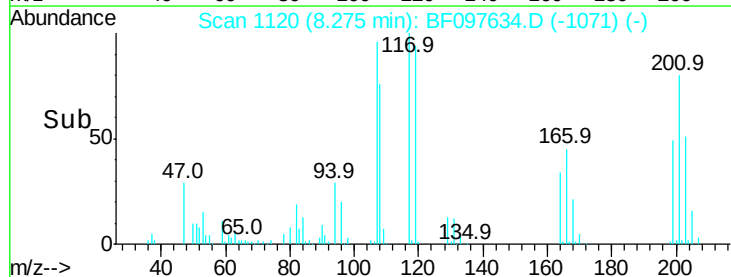
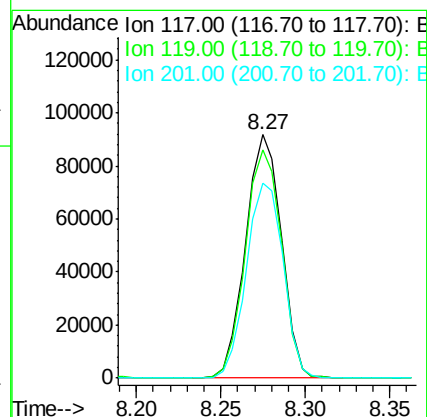
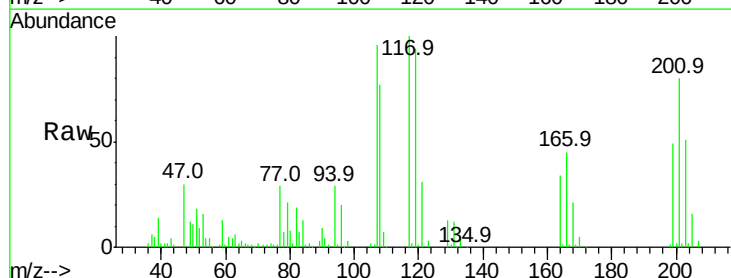
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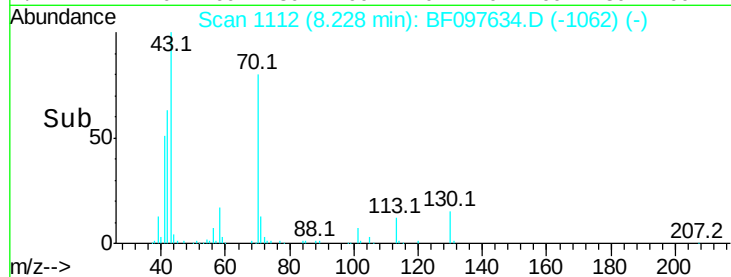
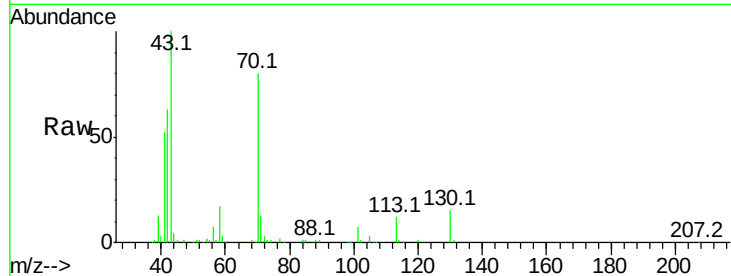
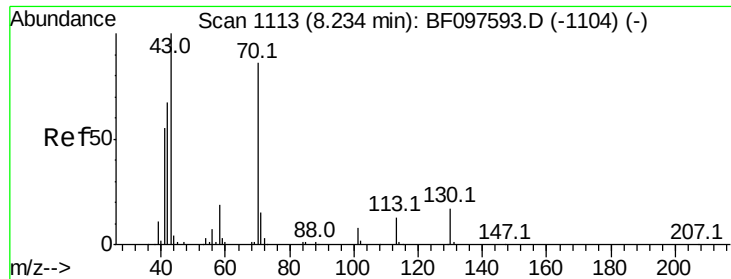
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#18
Hexachloroethane
Concen: 38.977 ng
RT: 8.27 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	77.4	116.0	
201	80.3	94.6	141.8#	





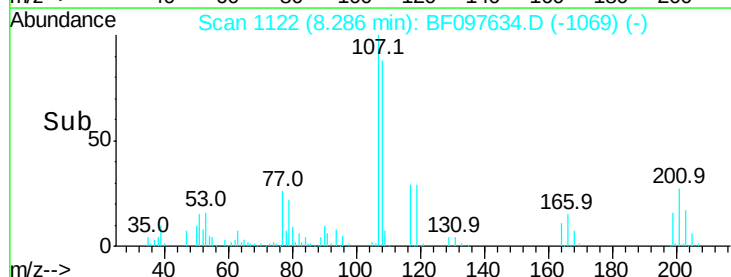
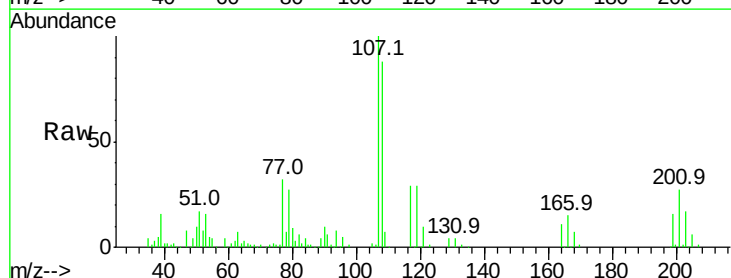
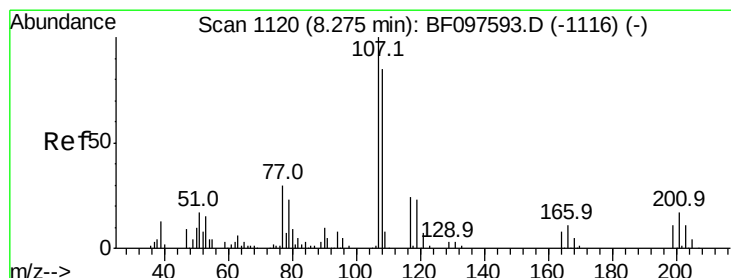
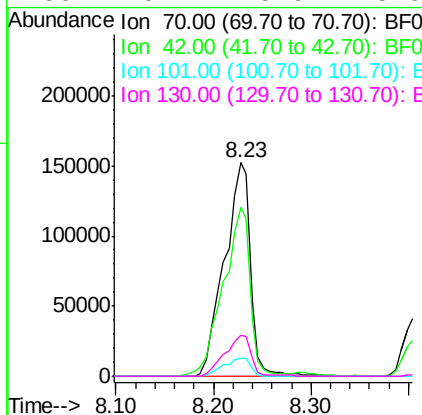
#19
n-Nitroso-di-n-propylamine
Concen: 41.960 ng
RT: 8.23 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.3	47.2	70.8#
101	8.7	7.2	10.8
130	19.1	15.9	23.9

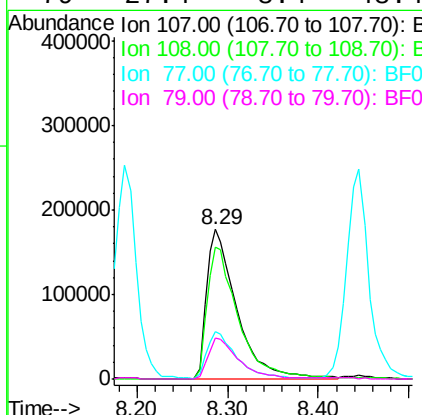
Manual Integrations
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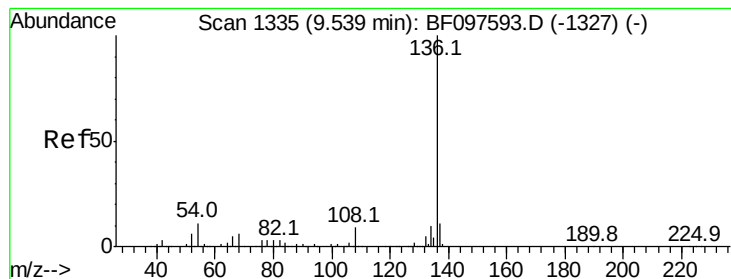
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#20
3+4-Methylphenols
Concen: 48.554 ng
RT: 8.29 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.0	111.0
77	31.9	90.5	130.5#
79	27.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

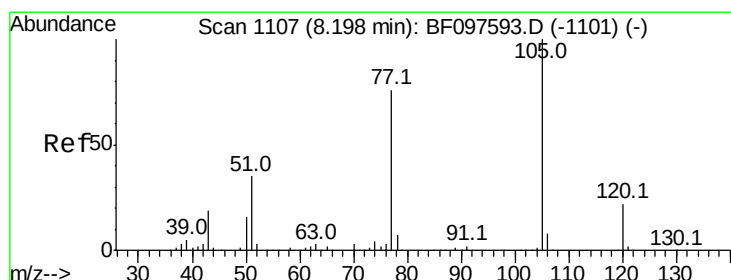
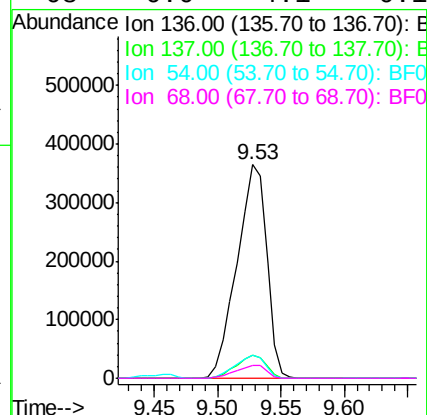
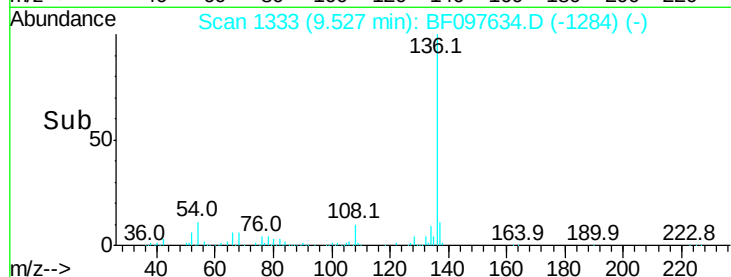
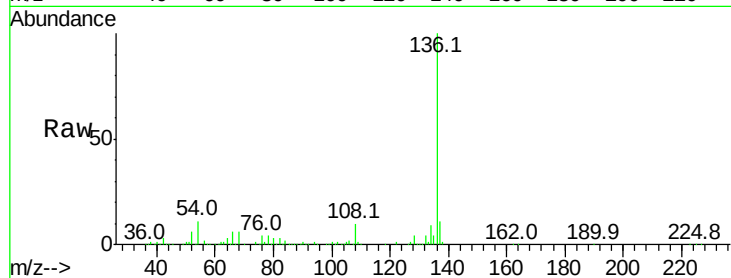
ClientSampleId :

PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.7	4.9	7.3	
68	6.0	4.1	6.1	

Manual Integrations
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#22

Acetophenone

Concen: 37.761 ng

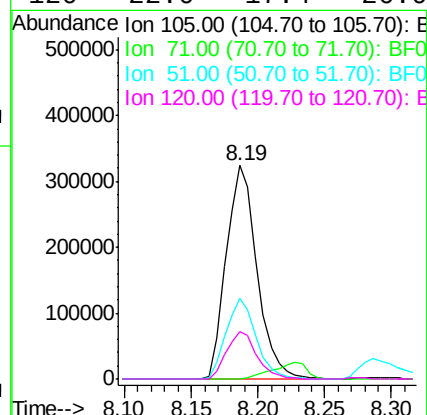
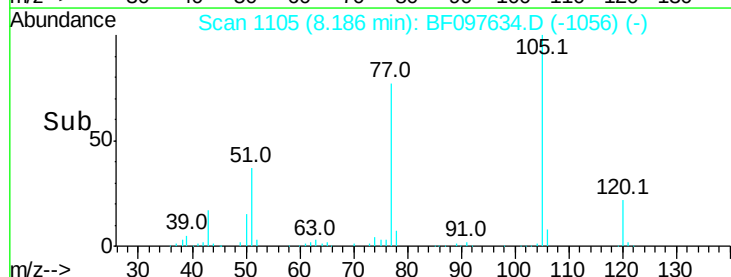
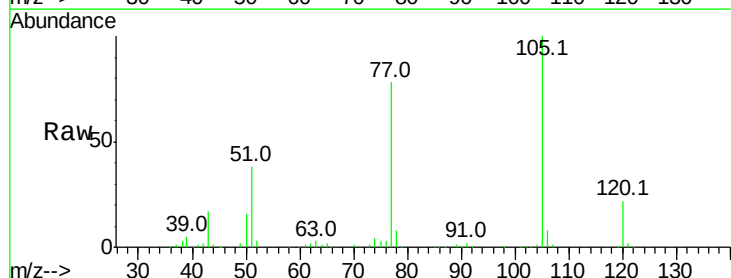
RT: 8.19 min Scan# 1105

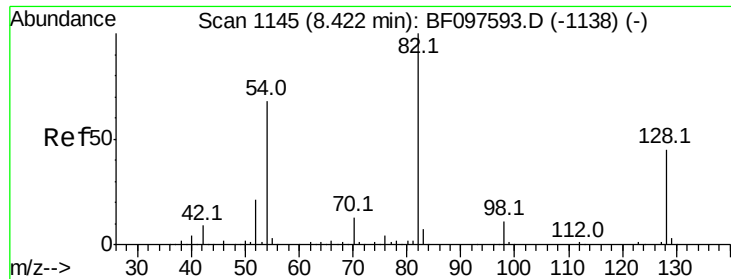
Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2	
51	37.7	30.7	46.1	
120	22.0	17.4	26.0	





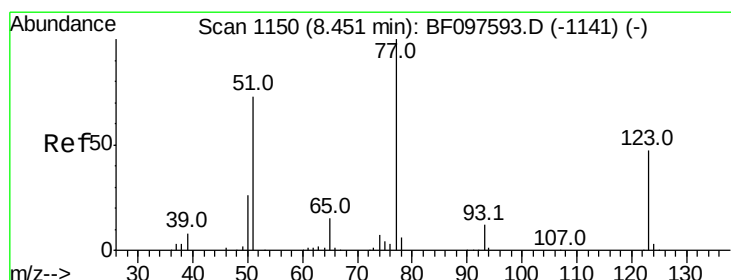
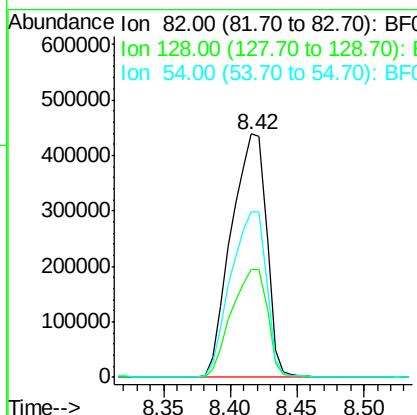
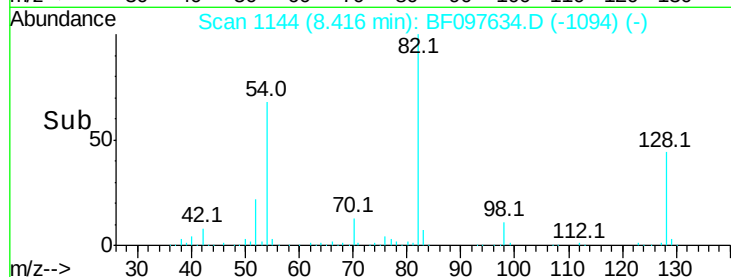
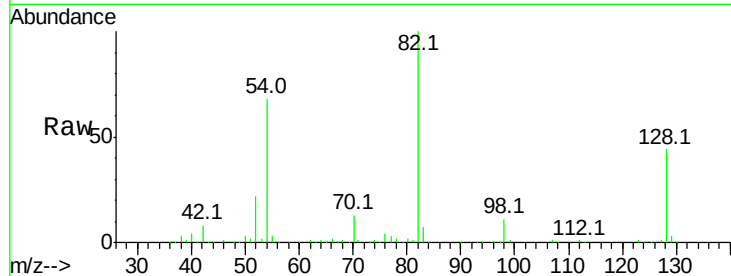
#23
 Nitrobenzene-d5
 Concen: 85.621 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

Tot Ion:	82	Resp:	808150
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.0	51.0
54	68.1	42.2	63.2#

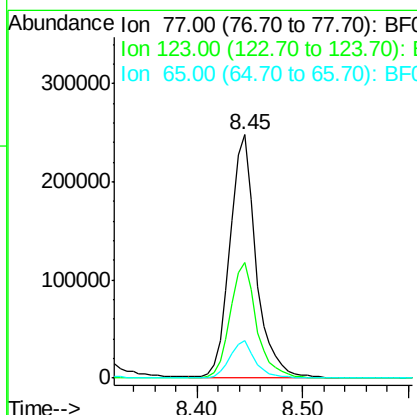
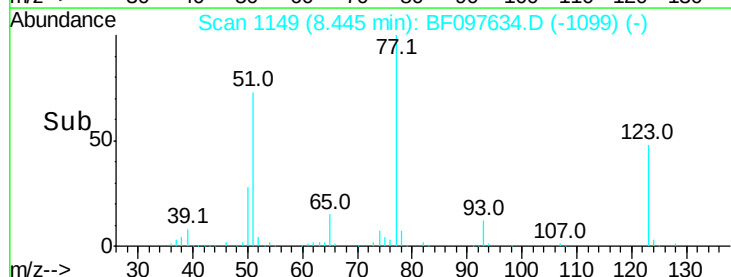
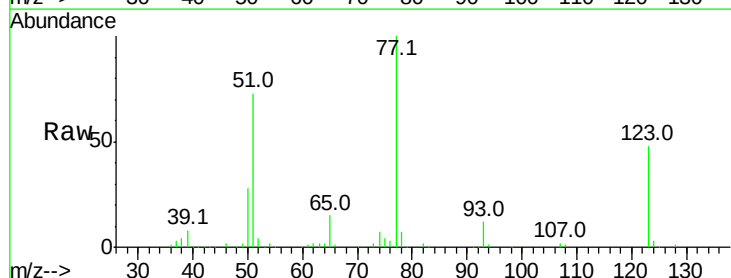
Manual Integrations
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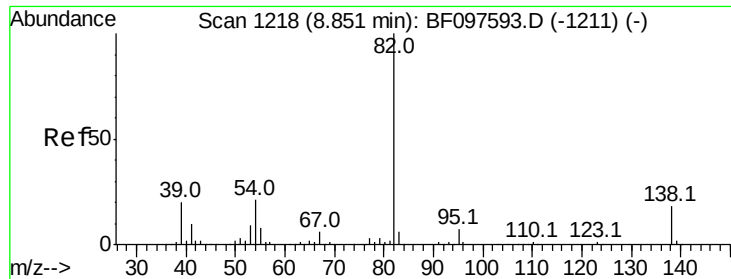
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#24
 Nitrobenzene
 Concen: 40.884 ng
 RT: 8.45 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion:	77	Resp:	420531
Ion Ratio	Lower	Upper	
77	100		
123	47.7	35.8	53.8
65	15.5	10.6	15.8





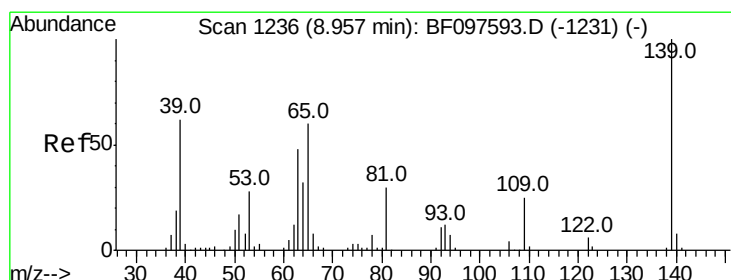
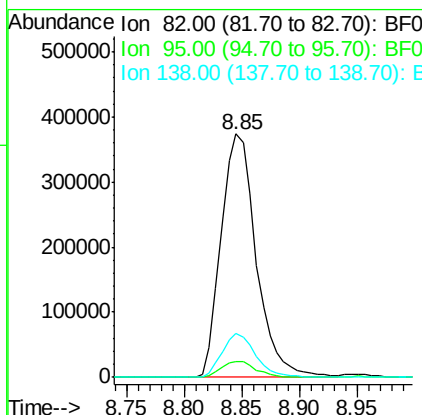
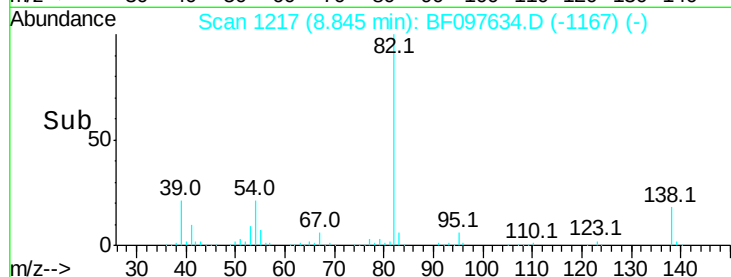
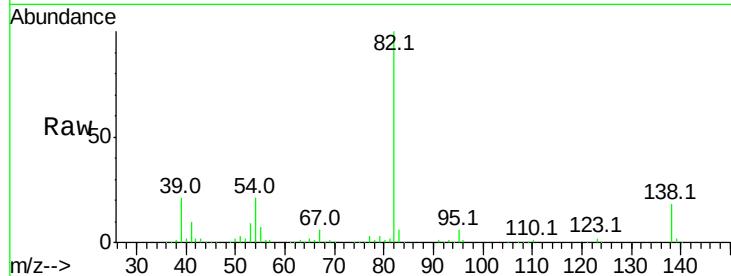
#25
Isophorone
Concen: 45.548 ng
RT: 8.85 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.3	7.9	
138	17.9	13.1	19.7	

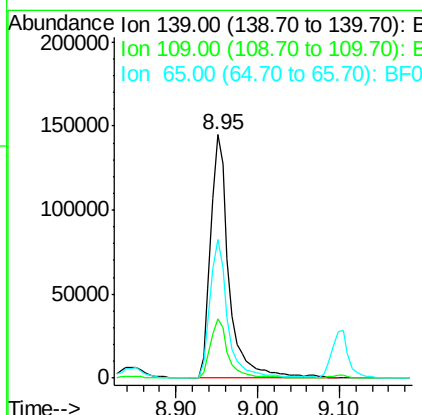
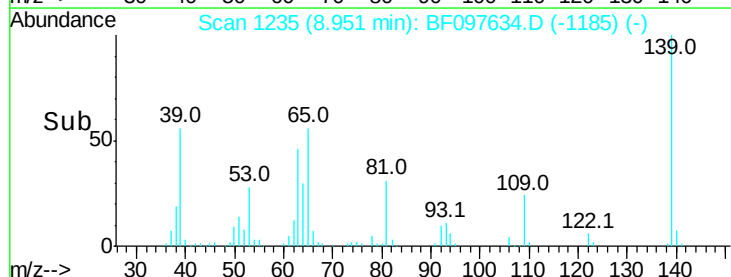
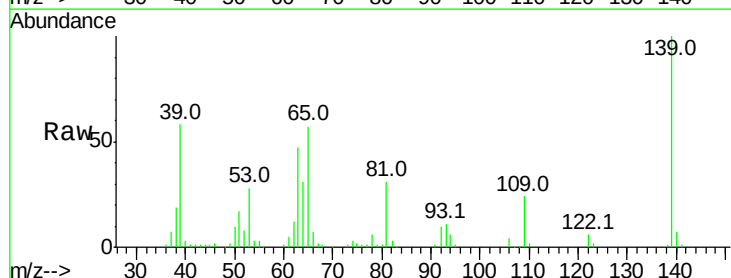
Manual Integrations
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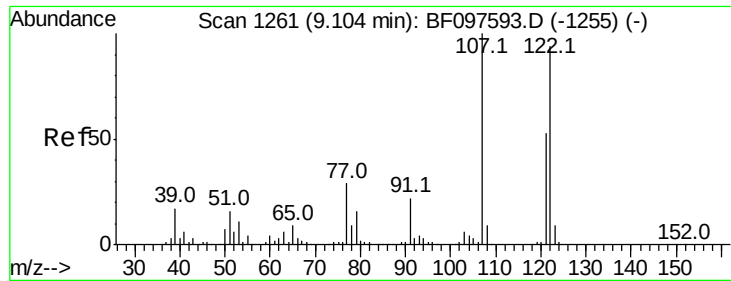
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#26
2-Nitrophenol
Concen: 43.836 ng
RT: 8.95 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.3	21.0	31.6	
65	57.0	33.0	49.6	





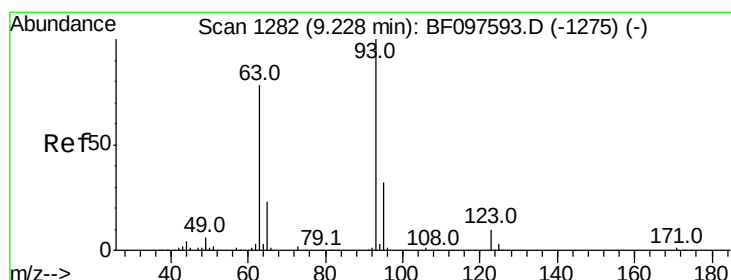
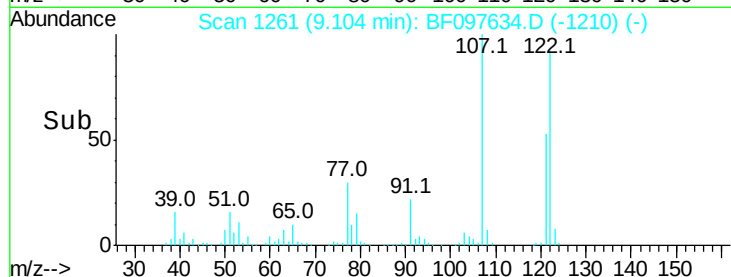
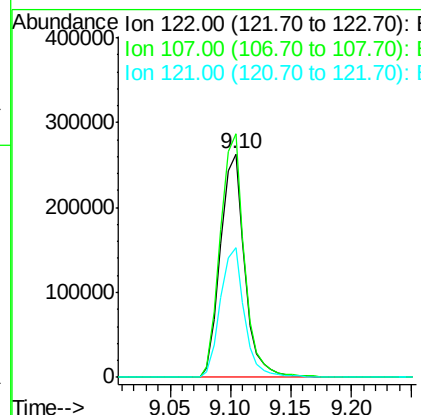
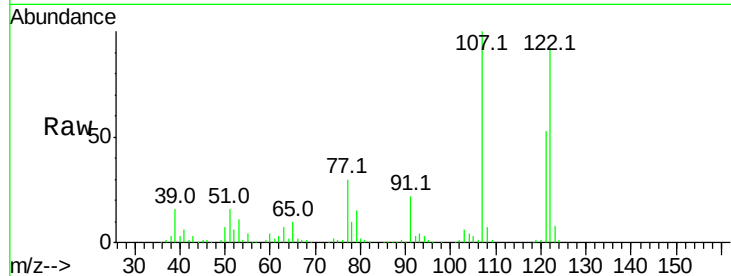
#27
 2,4-Dimethylphenol
 Concen: 42.166 ng
 RT: 9.10 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:	122	Resp:	365831
Ion Ratio	Lower	Upper	
122	100		
107	109.1	89.2	133.8
121	58.2	45.2	67.8

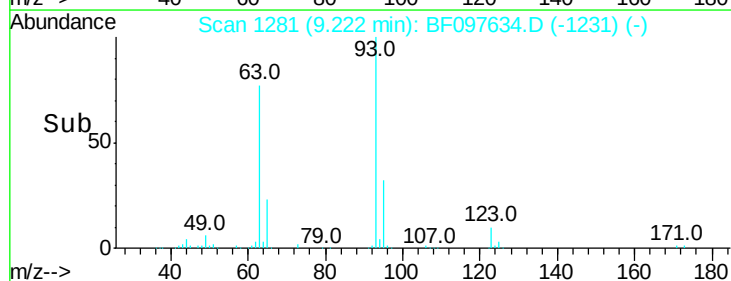
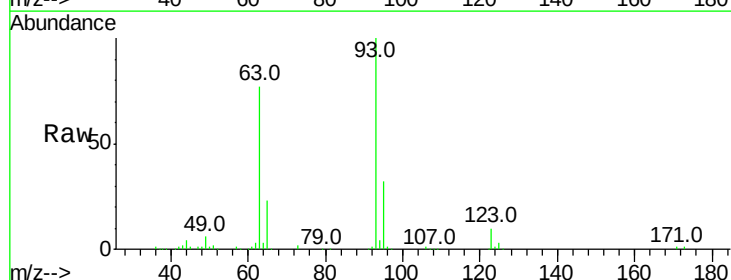
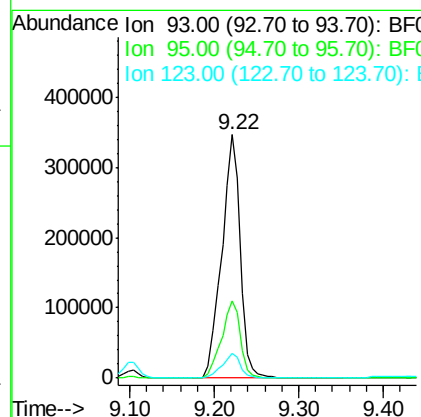
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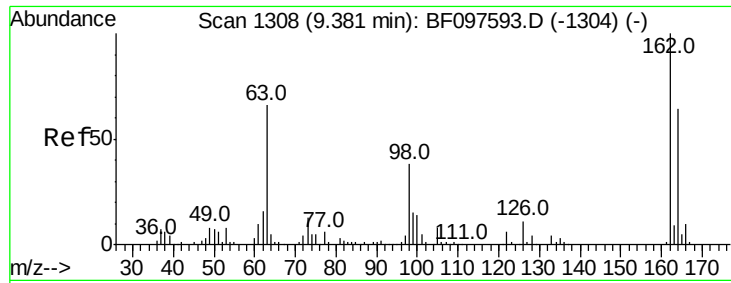
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.321 ng
 RT: 9.22 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion:	93	Resp:	531682
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	10.2	9.0	13.4





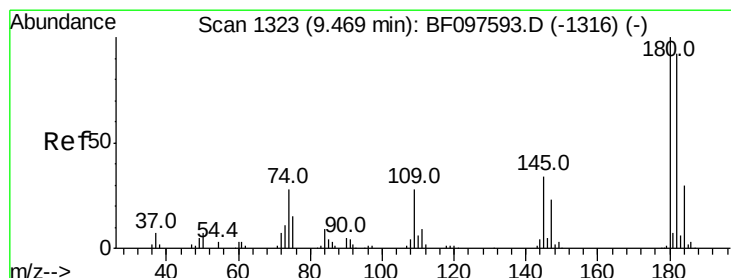
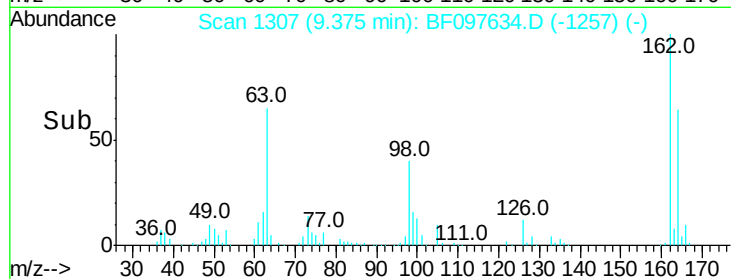
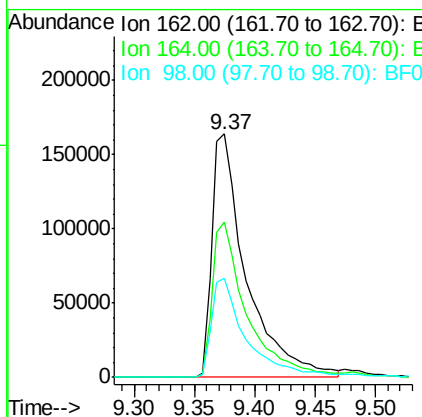
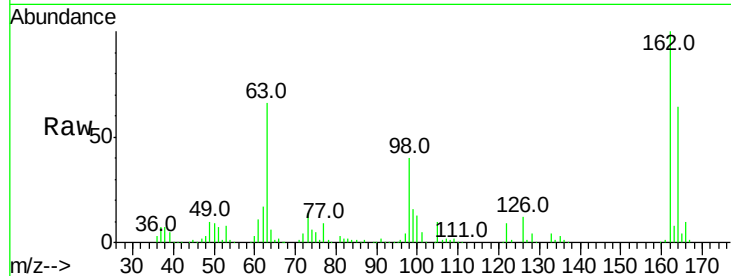
#29
 2,4-Dichlorophenol
 Concen: 42.196 ng
 RT: 9.37 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322803		
164	63.9		44.6	84.6
98	40.5		14.8	54.8

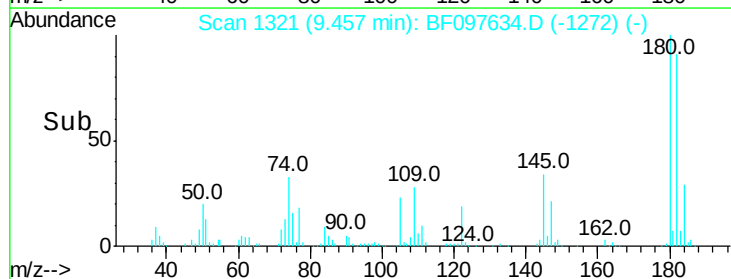
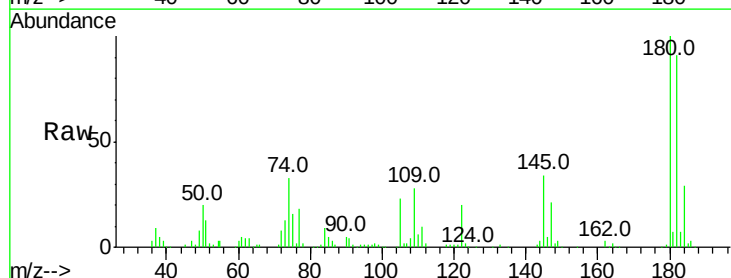
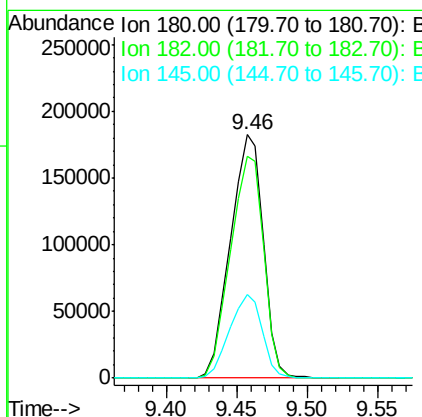
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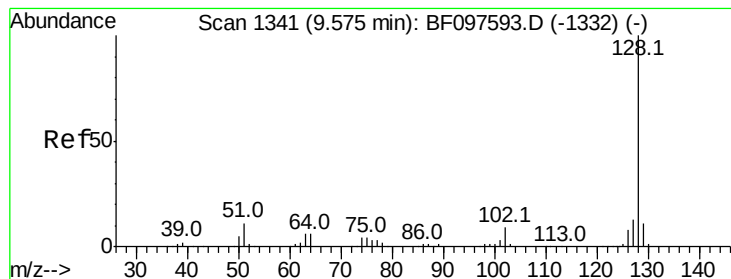
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.950 ng
 RT: 9.46 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	295427		
182	91.1		75.8	113.6
145	34.4		25.3	37.9





#31

Naphthalene

Concen: 38.219 ng

RT: 9.56 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:128 Resp: 1132997

Ion Ratio Lower Upper

128 100

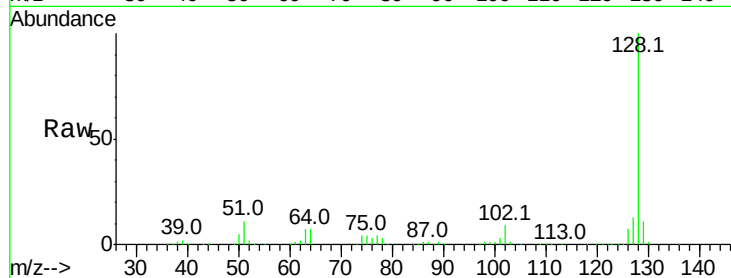
129 11.2 9.0 13.6

127 13.2 10.8 16.2

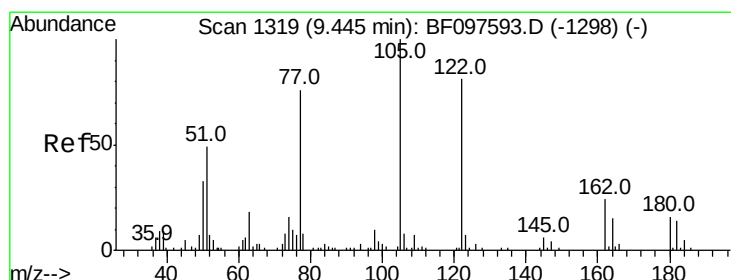
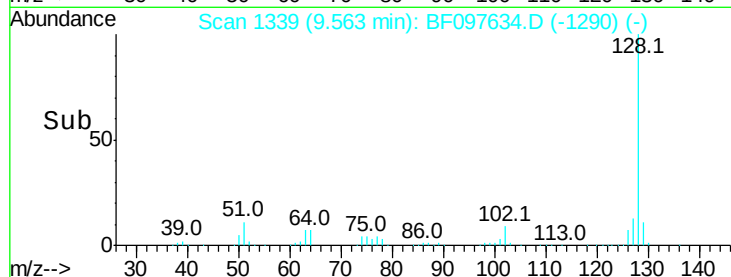
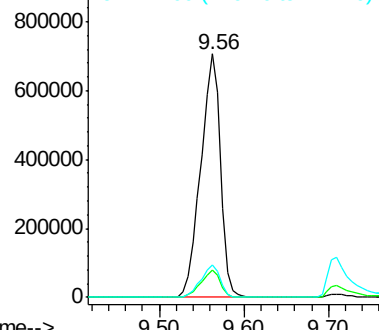
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.109 ng

RT: 9.46 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

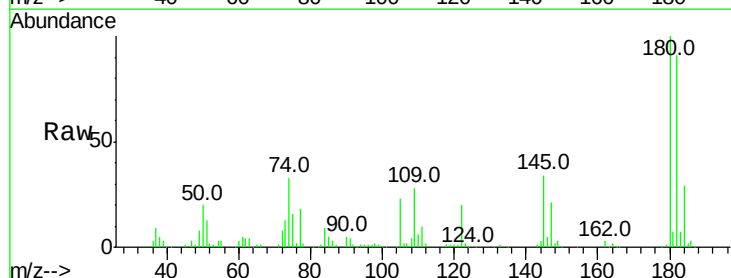
Tgt Ion:122 Resp: 182842

Ion Ratio Lower Upper

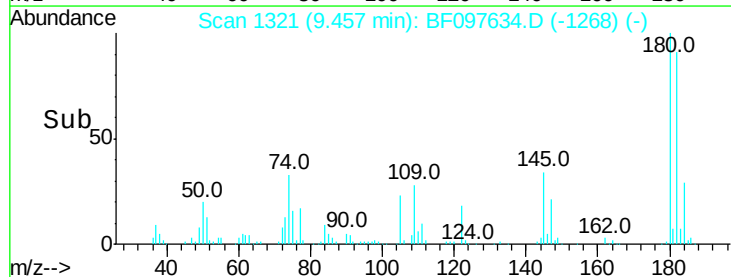
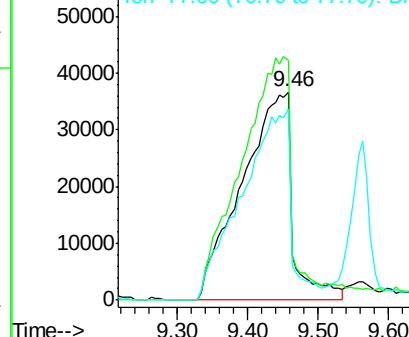
122 100

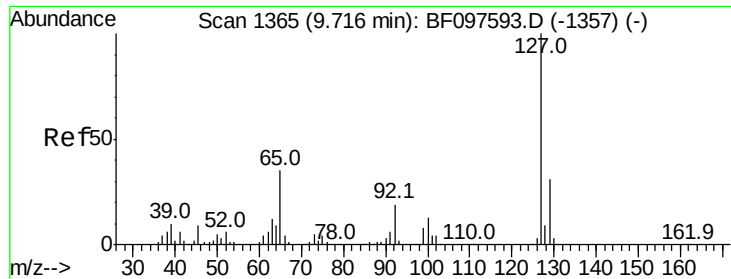
105 115.5 103.3 143.3

77 91.7 73.7 113.7



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





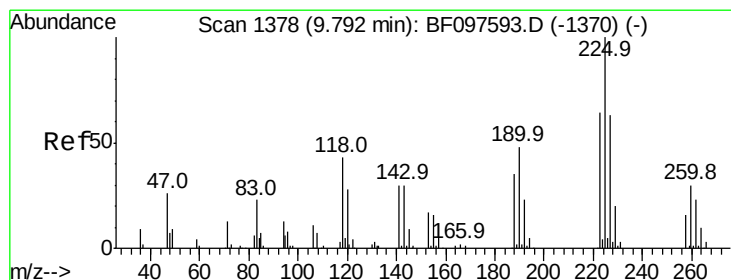
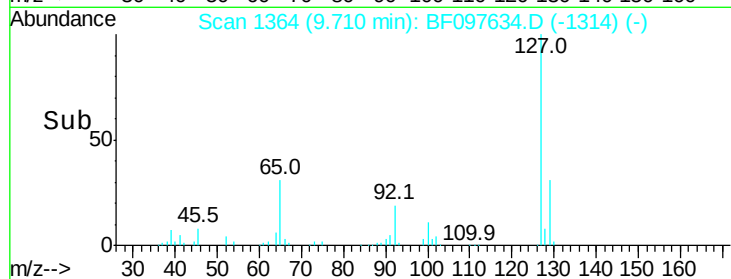
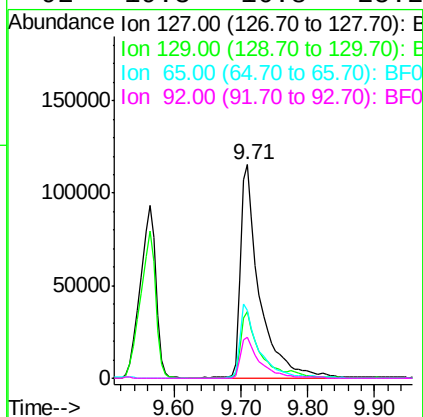
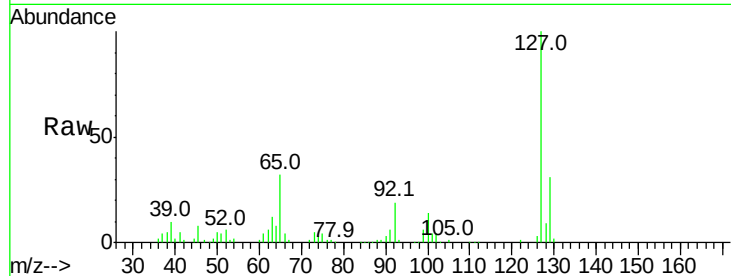
#33
4-Chloroaniline
Concen: 18.585 ng
RT: 9.71 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.2	39.2	
65	32.0	27.8	41.8	
92	19.3	16.8	25.2	

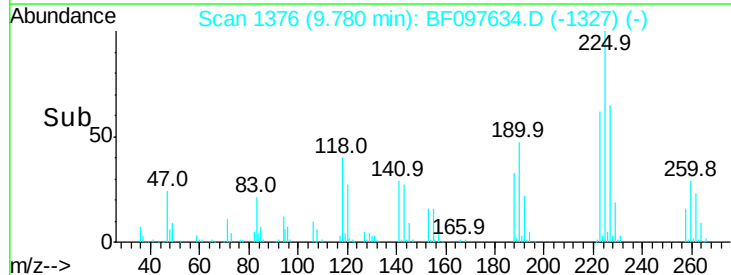
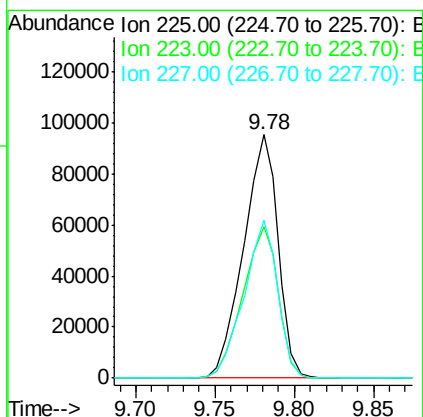
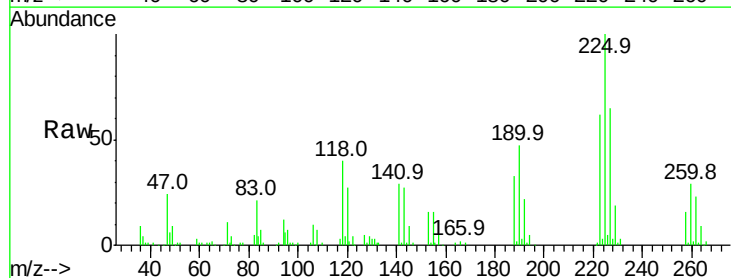
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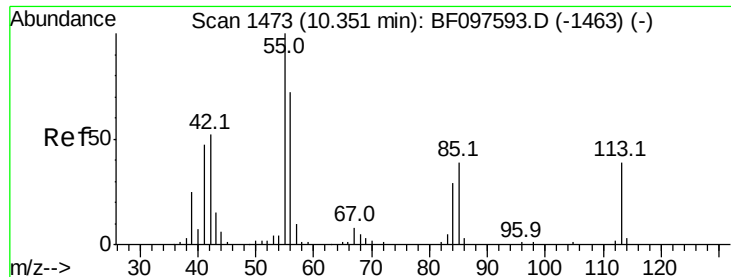
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#34
Hexachlorobutadiene
Concen: 34.757 ng
RT: 9.78 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	48.8	73.2	
227	64.7	51.1	76.7	





#35

Caprolactam

Concen: 43.796 ng/ml

RT: 10.35 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

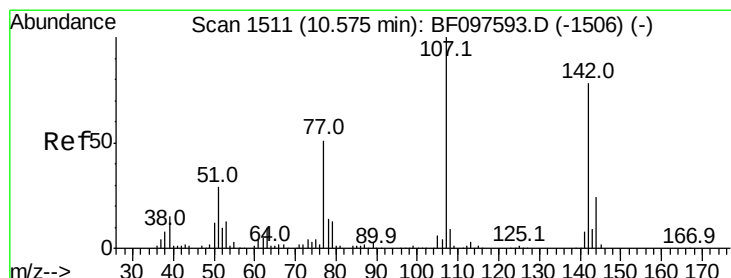
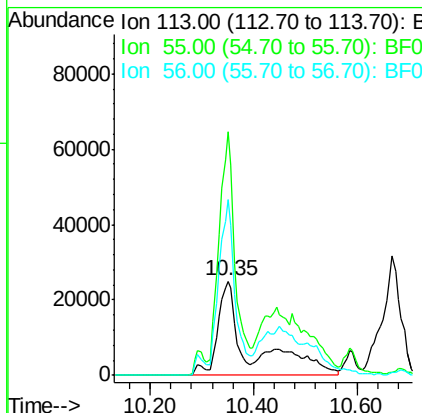
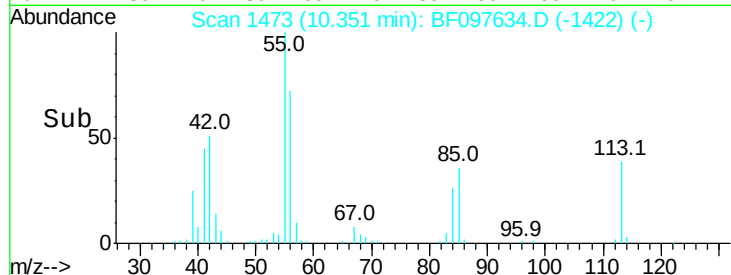
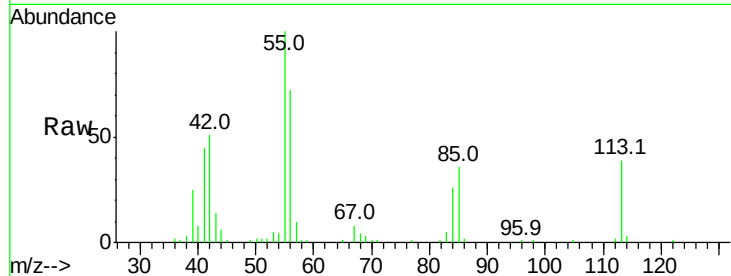
ClientSampled :

PB101441BS

Tot Ion:	113	Resp:	107951
Ion Ratio	Lower	Upper	
113	100		
55	258.5	150.2	190.2#
56	186.0	107.8	147.8#

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#36

4-Chloro-3-methylphenol

Concen: 38.321 ng/ml

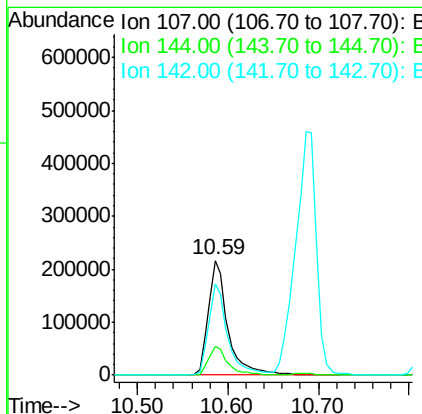
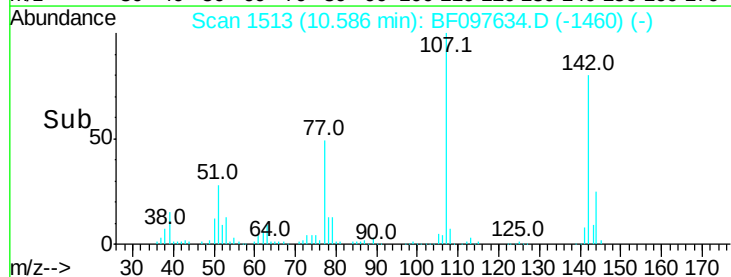
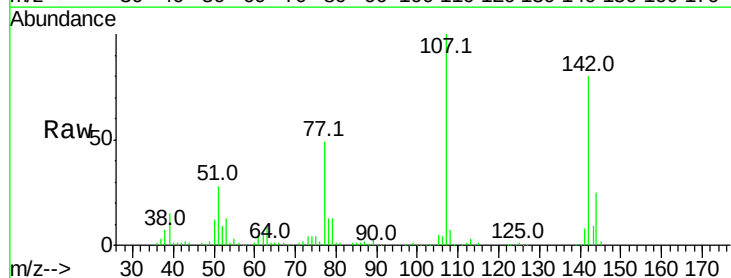
RT: 10.59 min Scan# 1513

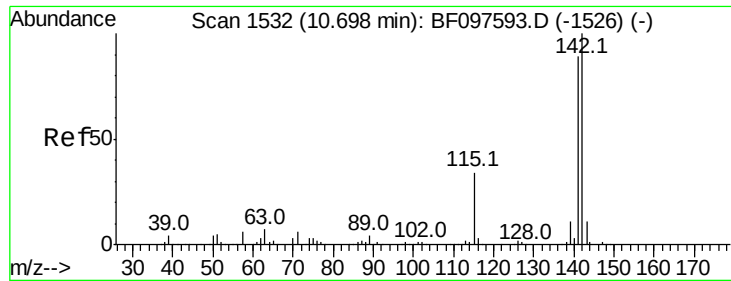
Delta R.T. 0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion:	107	Resp:	329386
Ion Ratio	Lower	Upper	
107	100		
144	25.2	24.2	36.4
142	79.6	73.4	110.0





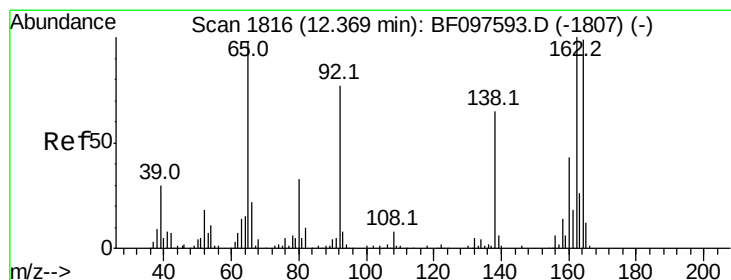
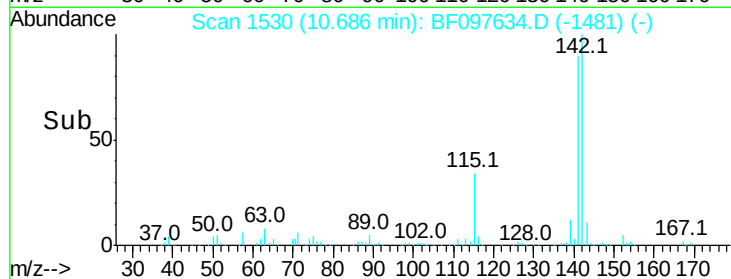
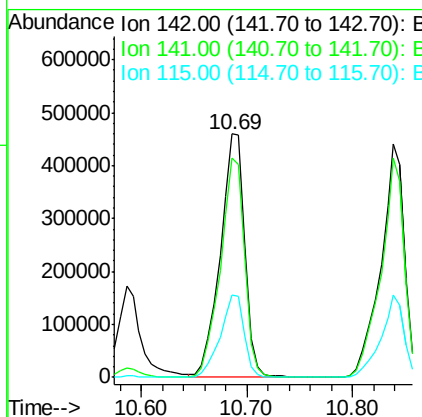
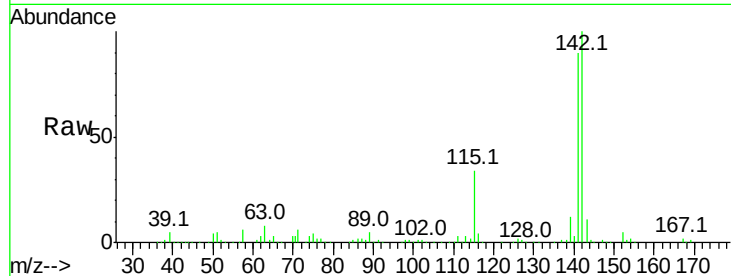
#37
 2-Methylnaphthalene
 Concen: 39.615 ng
 RT: 10.69 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	738925		
141	90.1	71.3	106.9	
115	34.0	27.1	40.7	

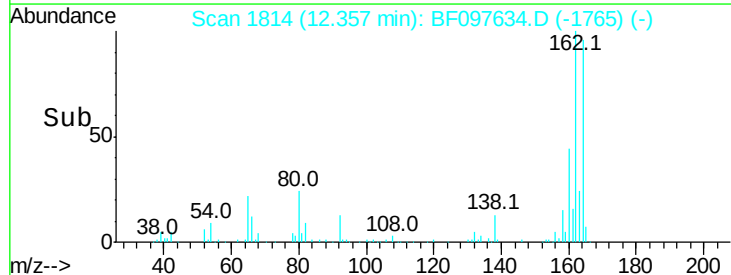
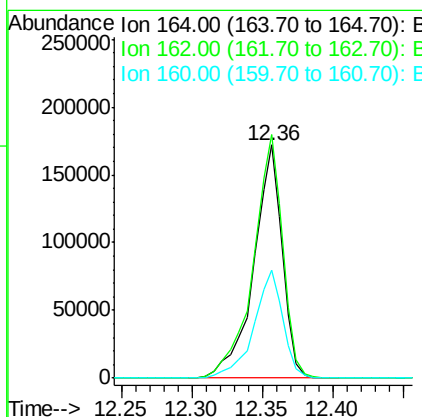
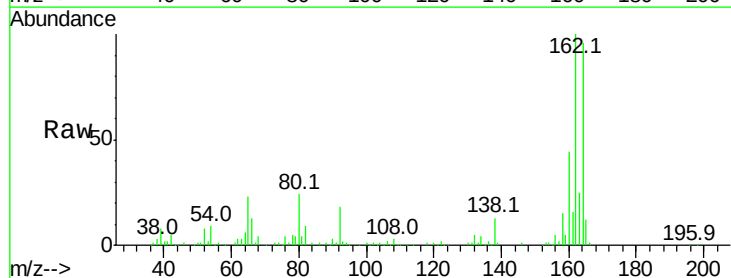
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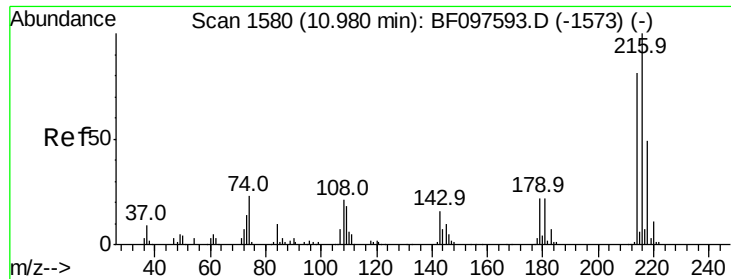
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.36 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244292		
162	104.4	82.6	123.8	
160	46.1	36.2	54.2	





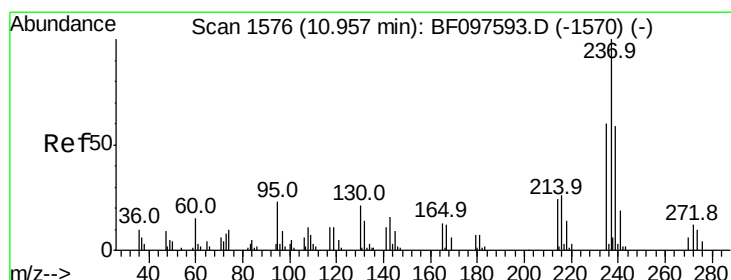
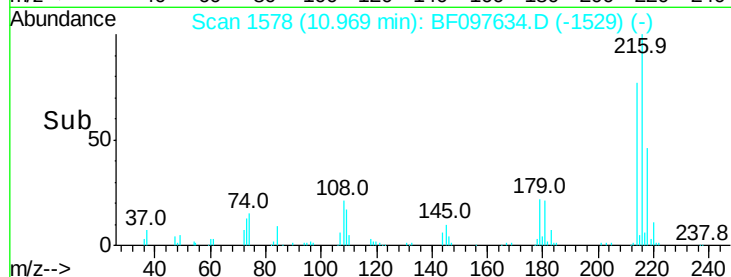
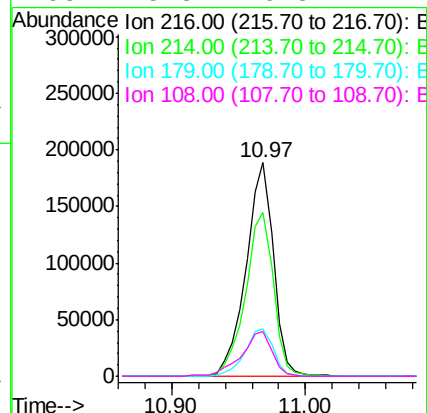
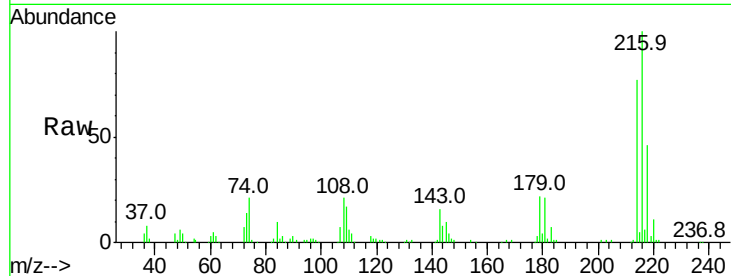
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.613 ng
 RT: 10.97 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	267104		
214	78.5	63.4	95.2	
179	22.8	17.9	26.9	
108	23.8	16.5	24.7	

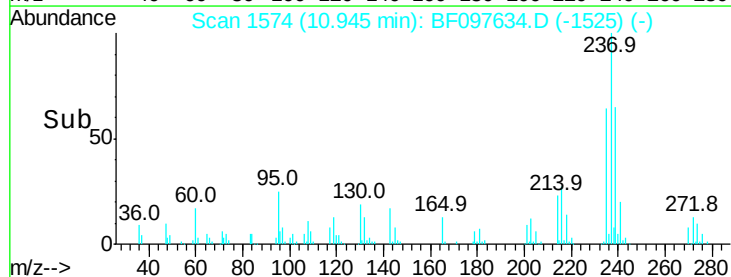
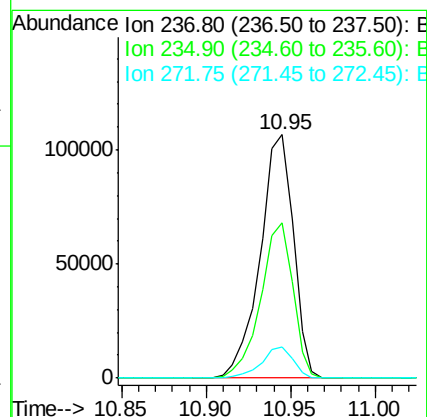
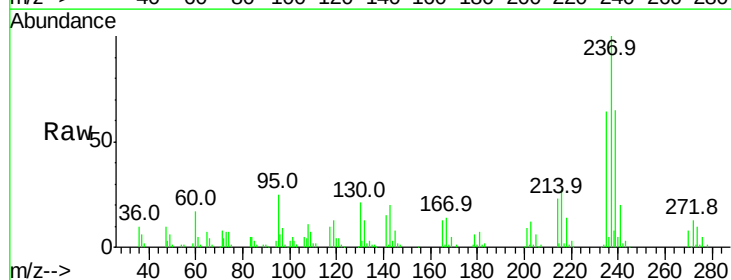
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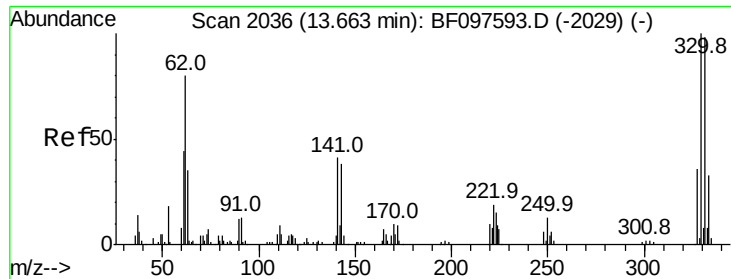
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#40
 Hexachlorocyclopentadiene
 Concen: 96.093 ng
 RT: 10.95 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	146691		
235	63.8	42.6	82.6	
272	12.7	0.0	31.9	





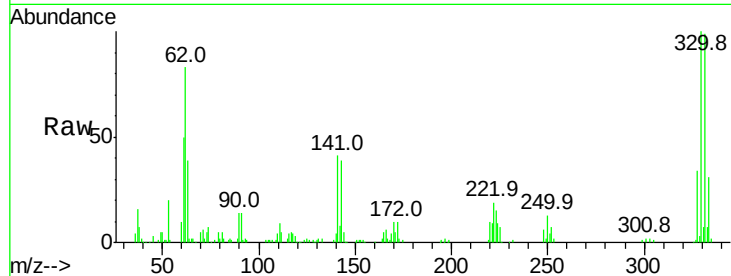
#41
 2,4,6-Tribromophenol
 Concen: 122.075 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

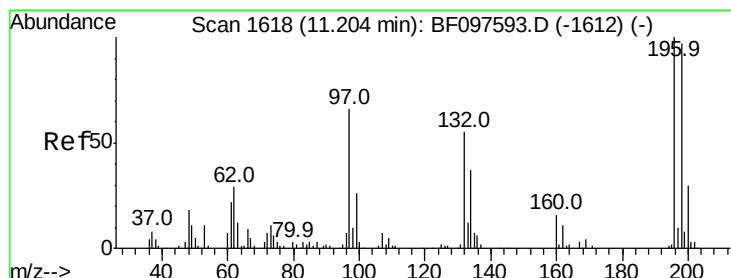
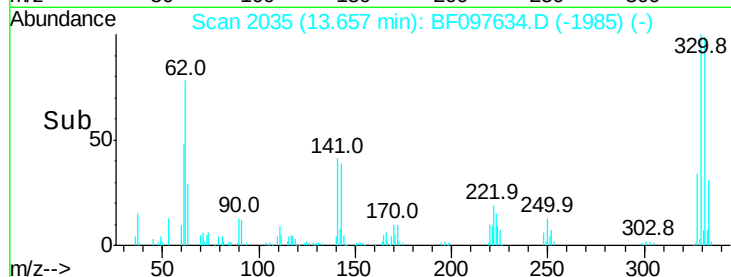
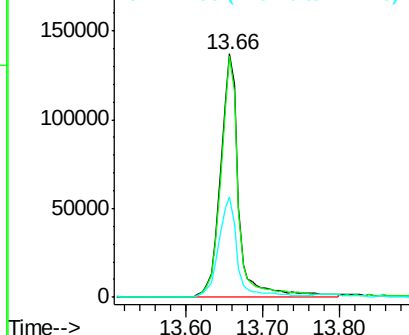
Tot Ion	Ratio	Resp	Lower	Upper
330	100	226702		
332	97.1	76.6	115.0	
141	42.1	31.4	47.2	

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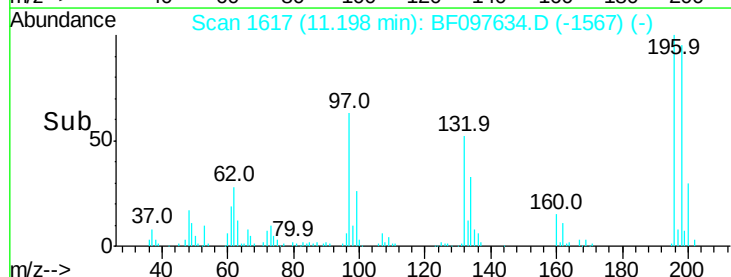
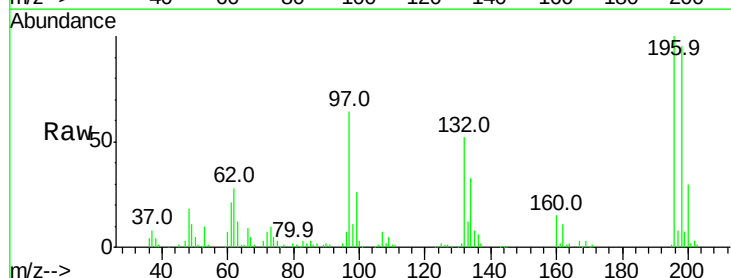
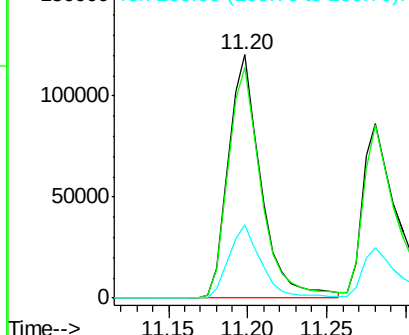
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

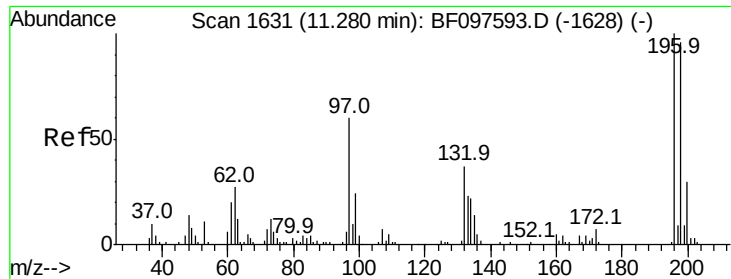


#42
 2,4,6-Trichlorophenol
 Concen: 37.701 ng
 RT: 11.20 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171823		
198	94.6	74.2	111.4	
200	29.9	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





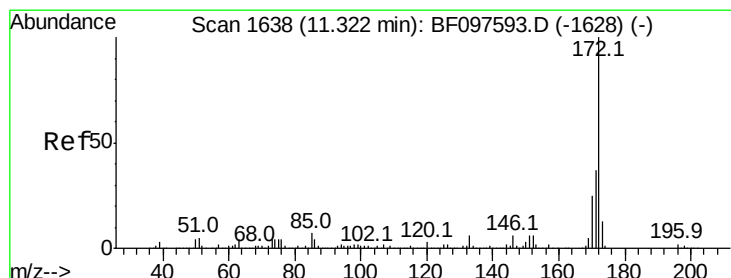
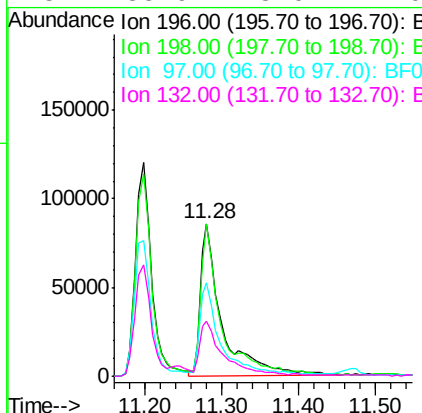
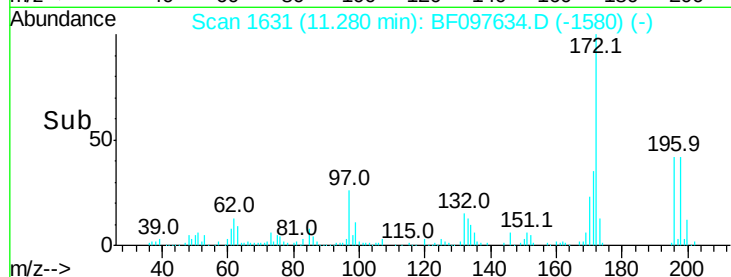
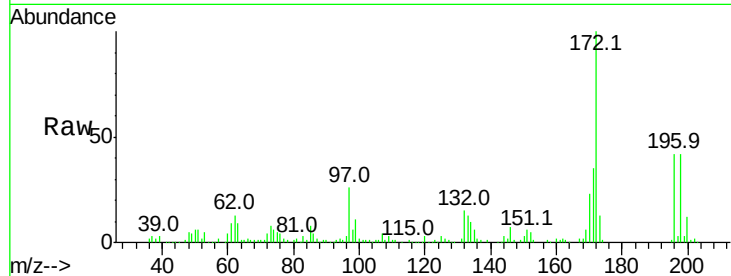
#43
 2,4,5-Trichlorophenol
 Concen: 37.885 ng
 RT: 11.28 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	196	Resp	163084
Ion Ratio	Lower	Upper	
196	100		
198	99.7	75.7	113.5
97	61.2	47.7	71.5
132	35.9	28.0	42.0

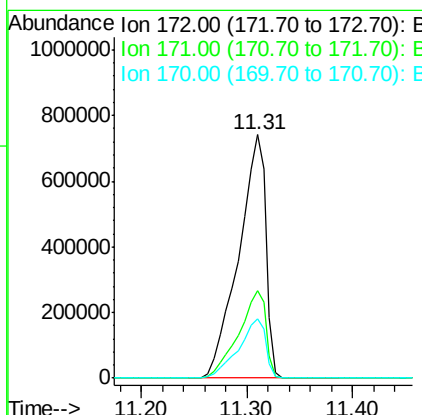
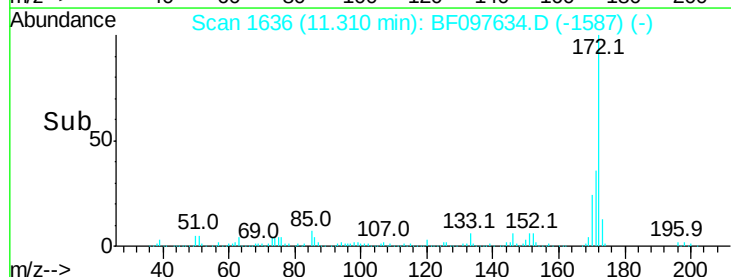
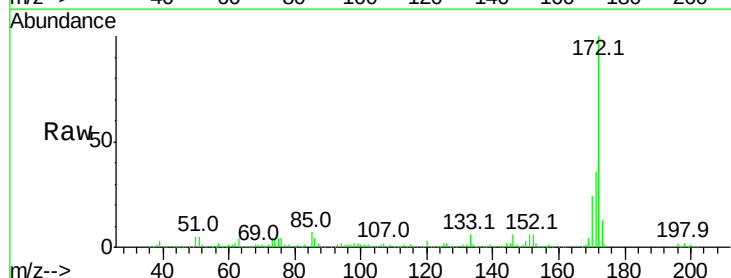
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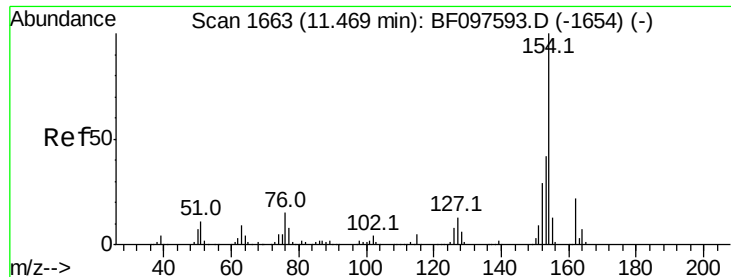
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#44
 2-Fluorobiphenyl
 Concen: 81.982 ng
 RT: 11.31 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	172	Resp	1327040
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.505 ng

RT: 11.46 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

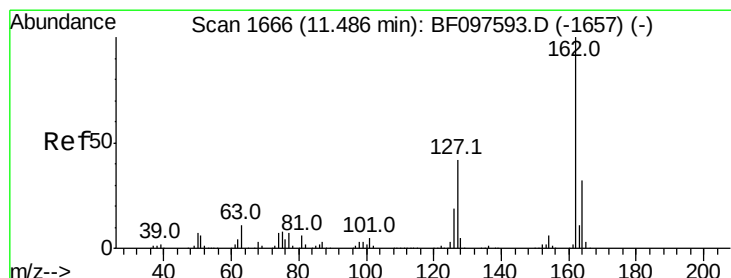
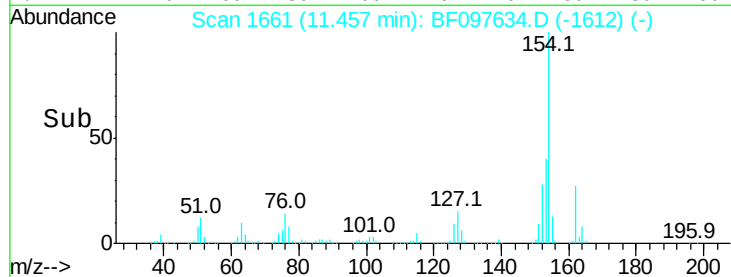
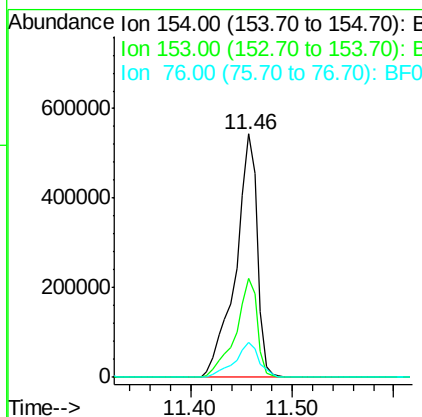
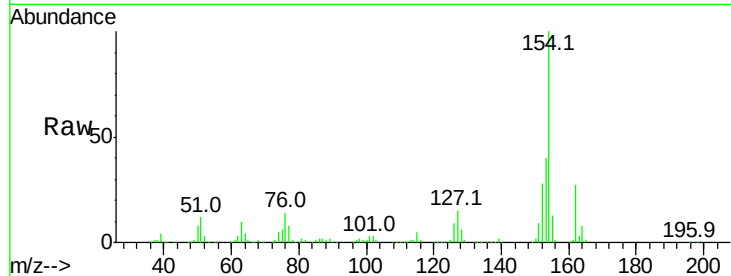
ClientSampleId :

PB101441BS

Tot Ion:	154	Resp:	807021
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.2	61.2
76	14.4	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.295 ng

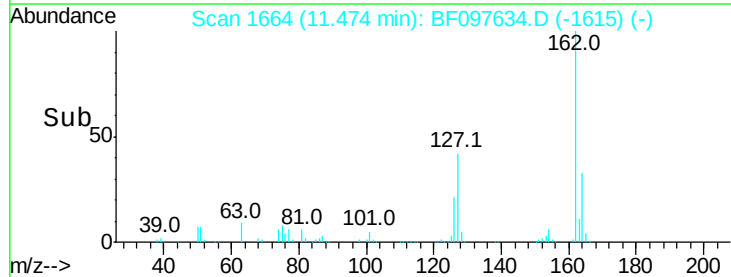
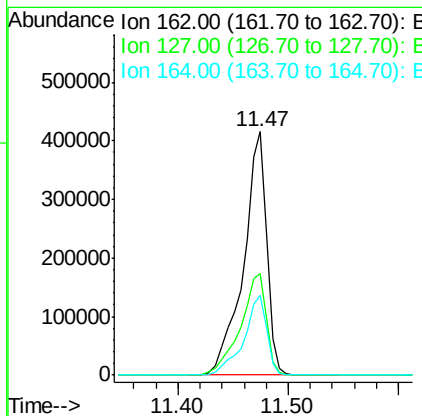
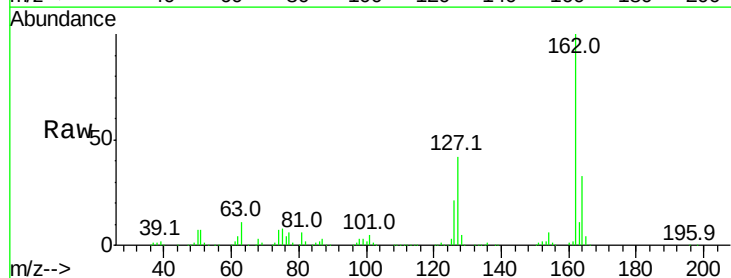
RT: 11.47 min Scan# 1664

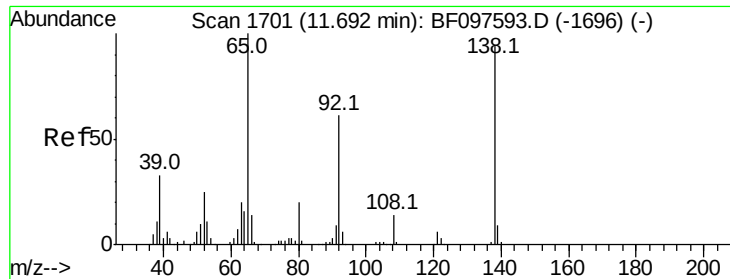
Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion:	162	Resp:	616262
Ion Ratio	Lower	Upper	
162	100		
127	41.9	28.3	42.5
164	32.8	27.0	40.4





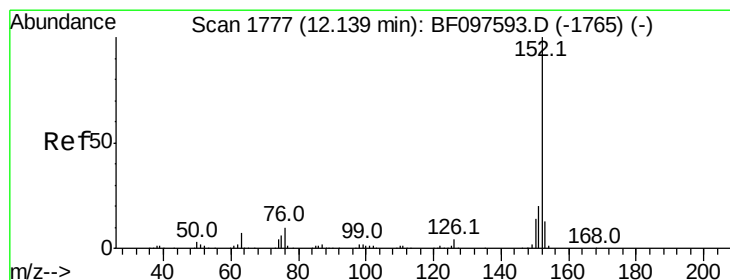
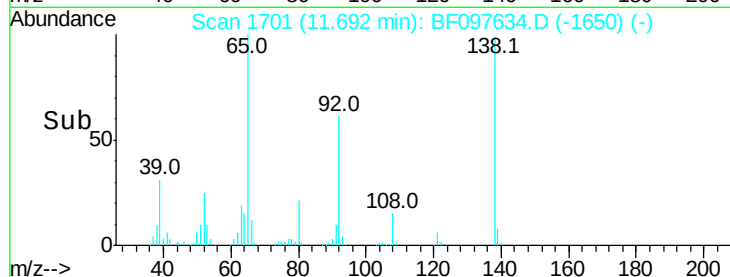
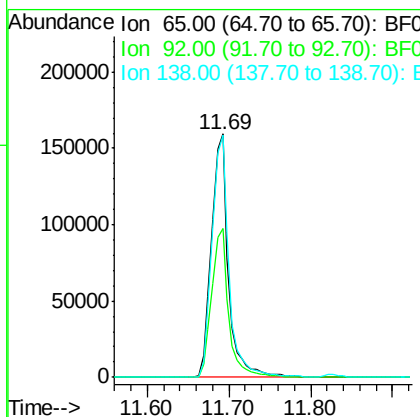
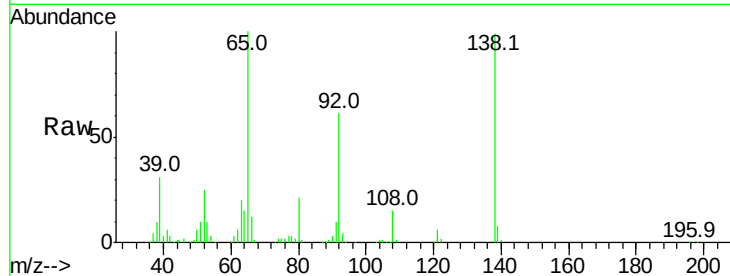
#47
 2-Nitroaniline
 Concen: 36.686 ng
 RT: 11.69 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	53.9	80.9
138	99.5	78.8	118.2

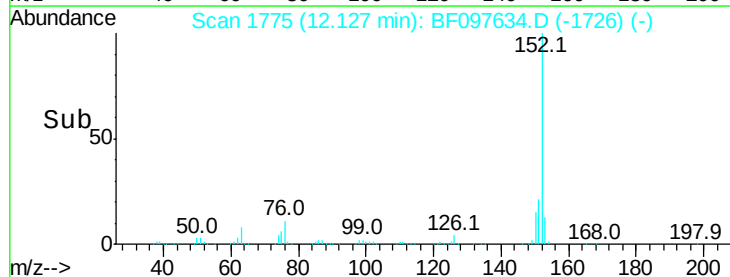
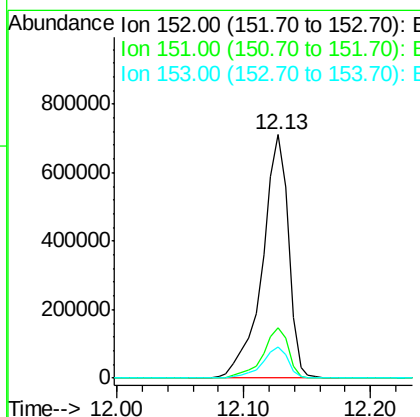
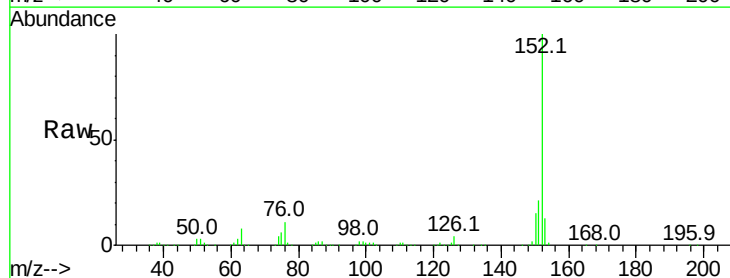
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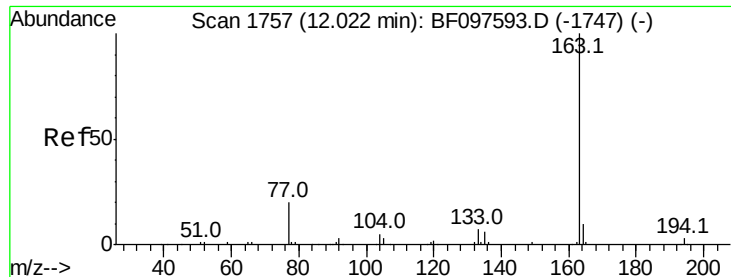
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#48
 Acenaphthylene
 Concen: 39.916 ng
 RT: 12.13 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	12.8	10.8	16.2





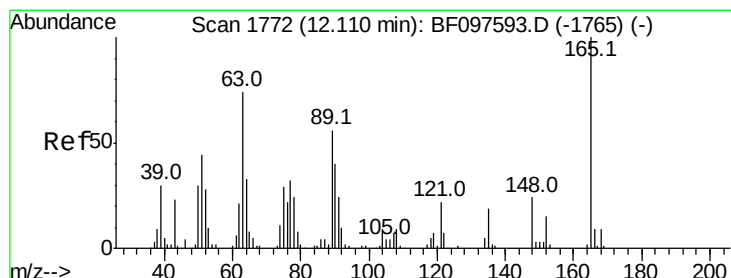
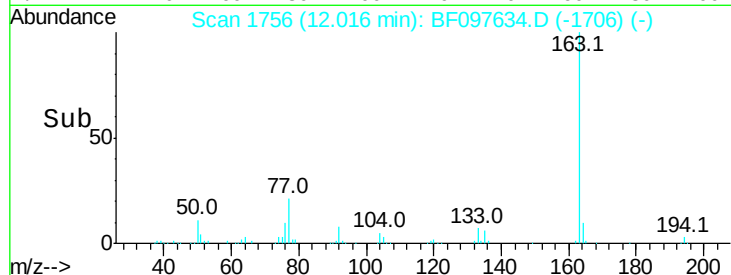
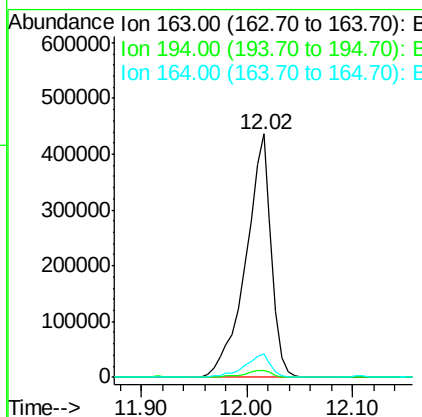
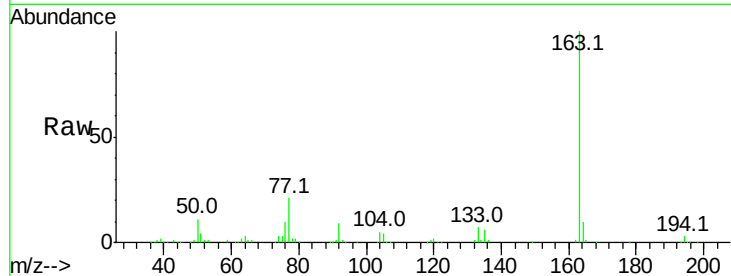
#49
Dimethylphthalate
Concen: 38.780 ng
RT: 12.02 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	730118		
194	2.9		2.6	4.0
164	9.8		8.4	12.6

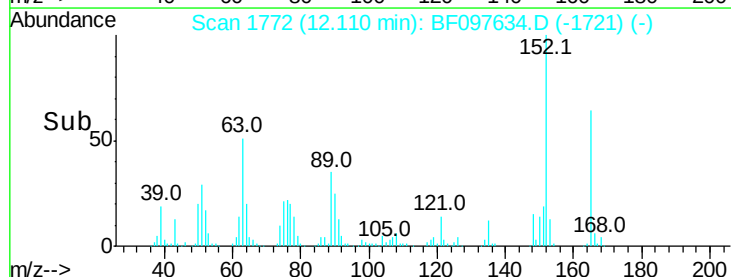
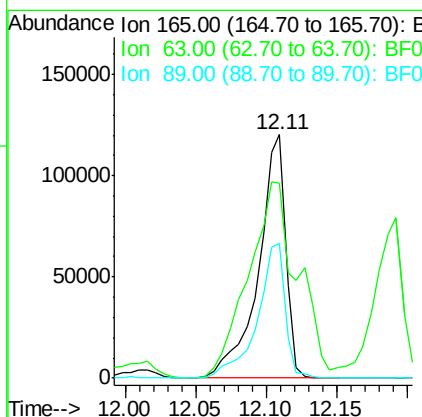
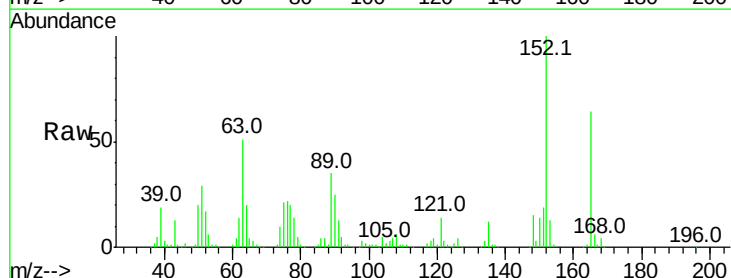
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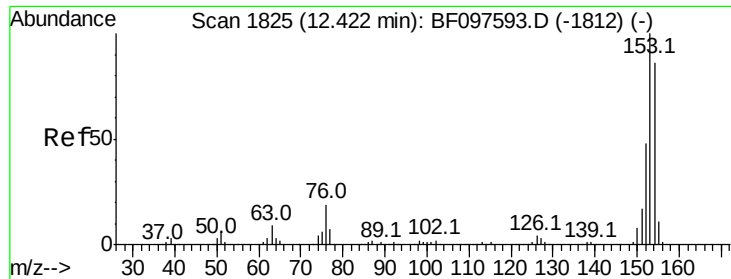
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#50
2,6-Dinitrotoluene
Concen: 42.255 ng
RT: 12.11 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164281		
63	79.9		34.3	51.5#
89	55.3		37.1	55.7





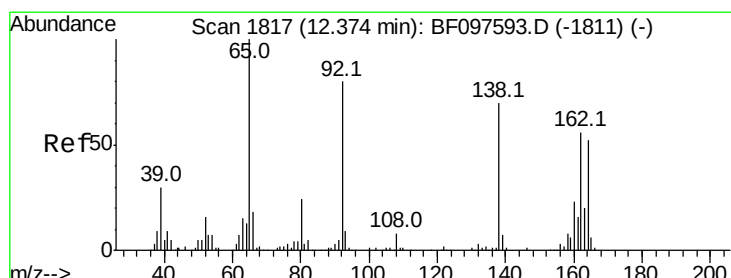
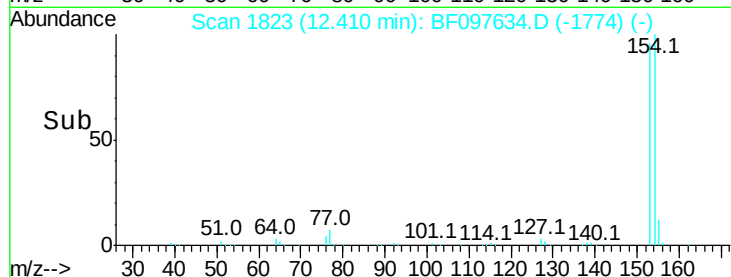
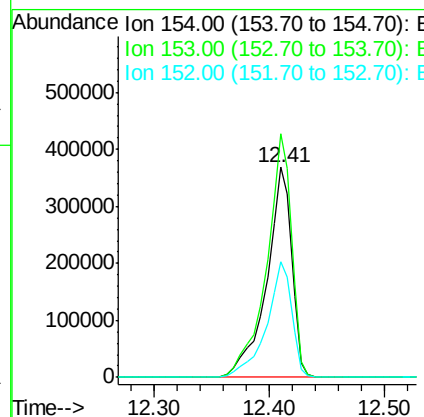
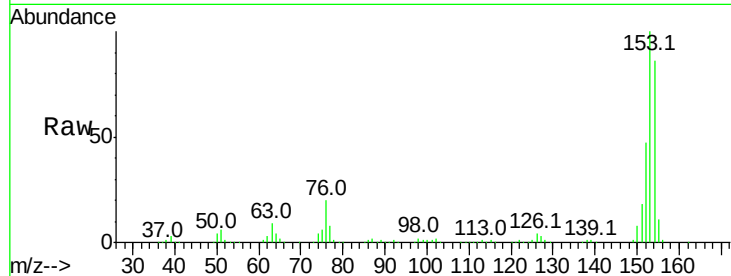
#51
Acenaphthene
Concen: 36.685 ng
RT: 12.41 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.5	135.7
152	55.1	43.6	65.4

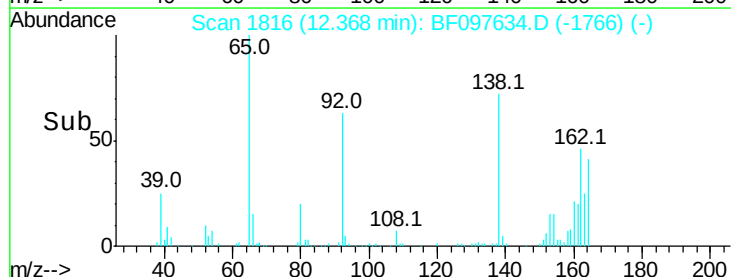
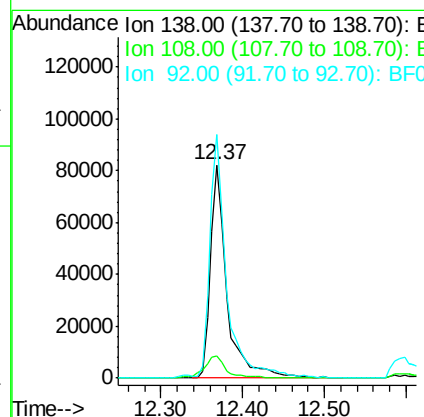
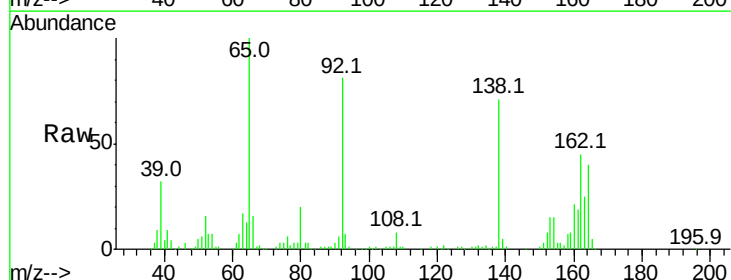
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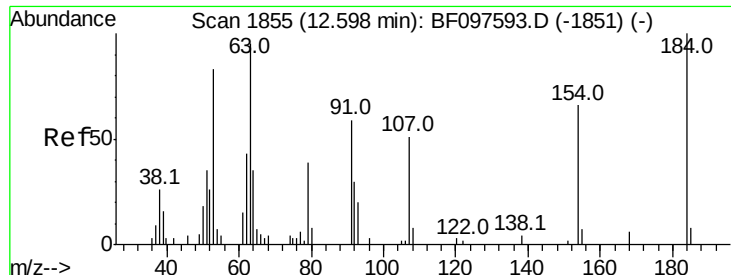
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#52
3-Nitroaniline
Concen: 22.831 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	114.3	93.8	140.6





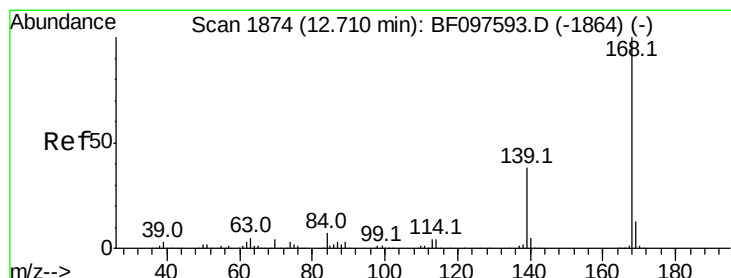
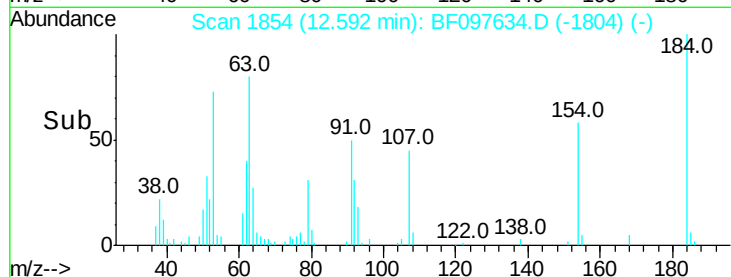
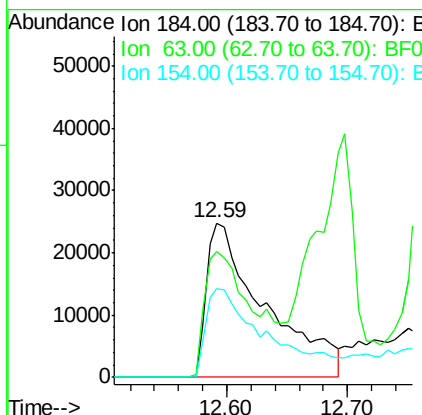
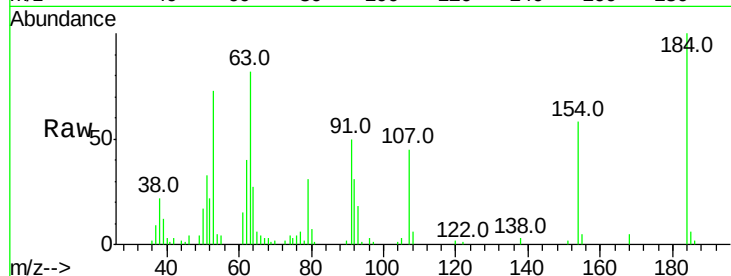
#53
 2,4-Dinitrophenol
 Concen: 51.599 ng
 RT: 12.59 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

Tot Ion:184 Resp: 82698
 Ion Ratio Lower Upper
 184 100
 63 81.7 62.7 94.1
 154 57.6 81.1 121.7#

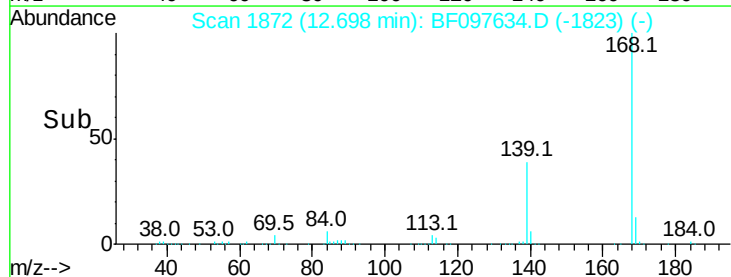
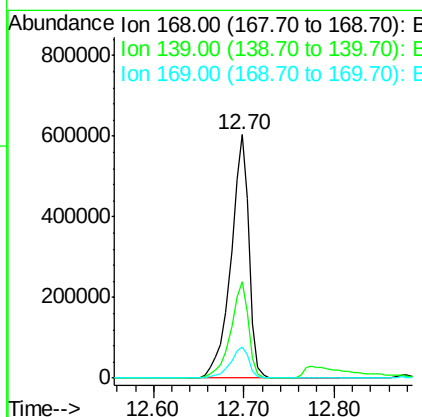
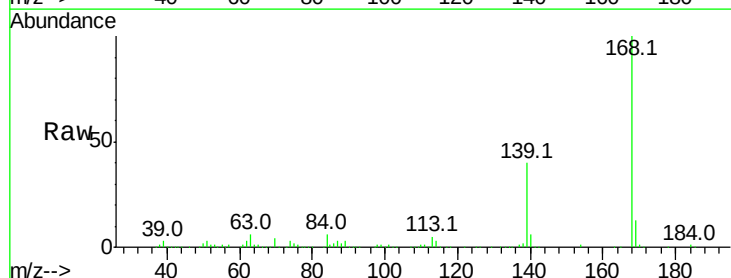
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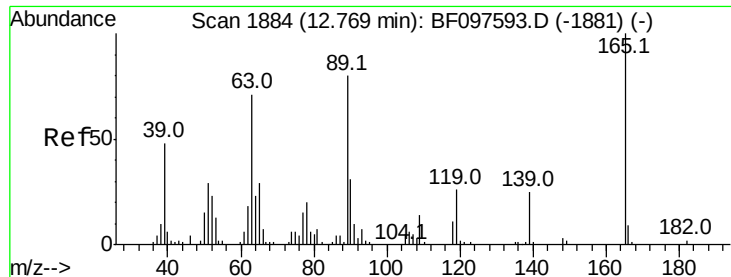
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#54
 Dibenzofuran
 Concen: 38.952 ng
 RT: 12.70 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion:168 Resp: 836035
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.6 45.8
 169 13.0 10.8 16.2





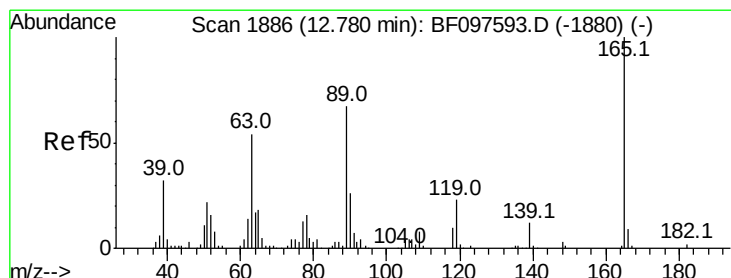
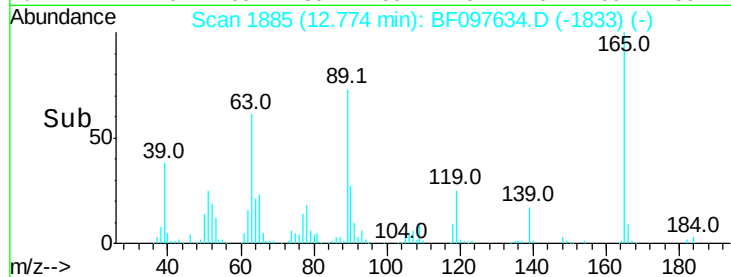
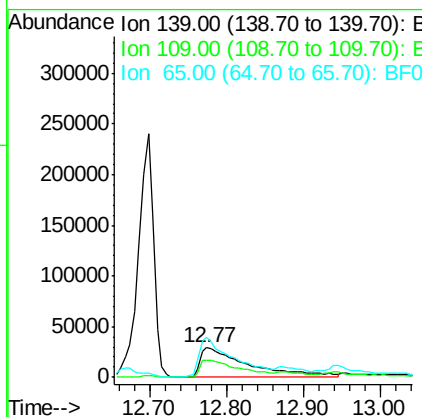
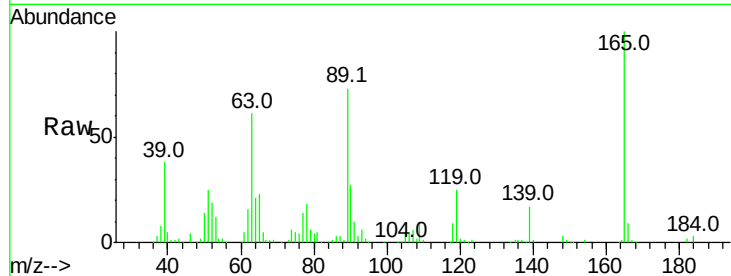
#55
 4-Nitrophenol
 Concen: 65.352 ng
 RT: 12.77 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.2	34.1	74.1	
65	136.5	31.4	71.4	

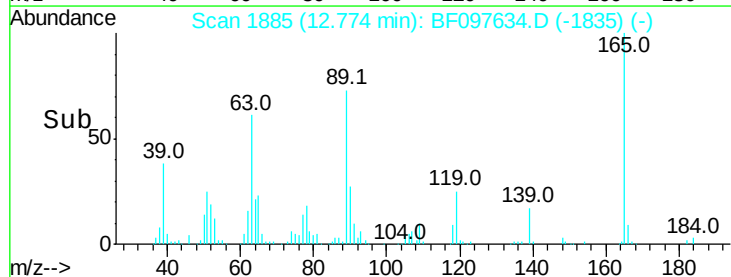
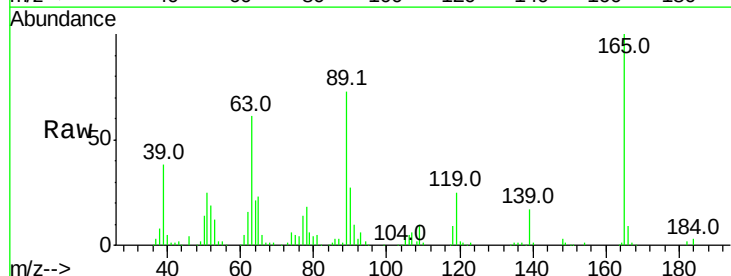
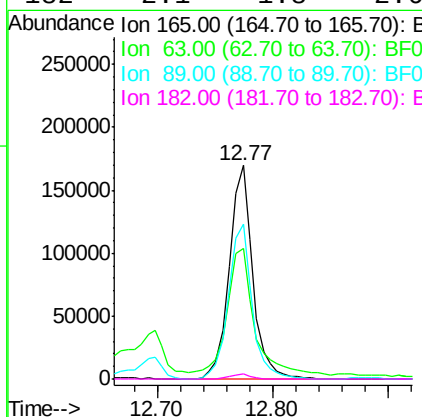
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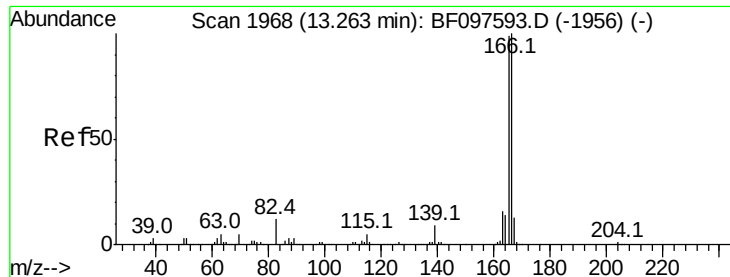
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#56
 2,4-Dinitrotoluene
 Concen: 45.917 ng
 RT: 12.77 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.2	25.4	38.0	
89	72.6	46.4	69.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 40.635 ng

RT: 13.25 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

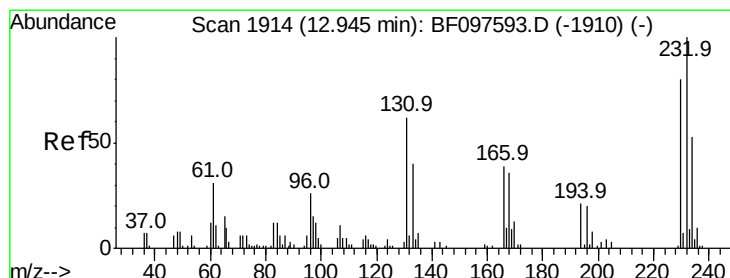
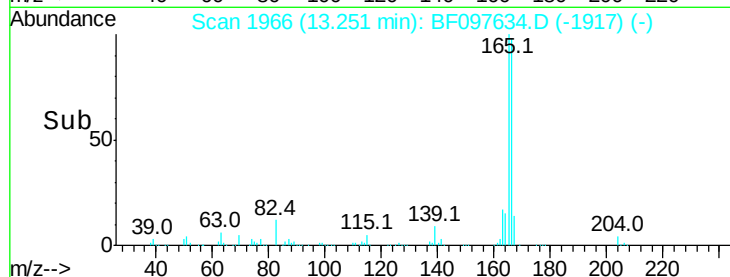
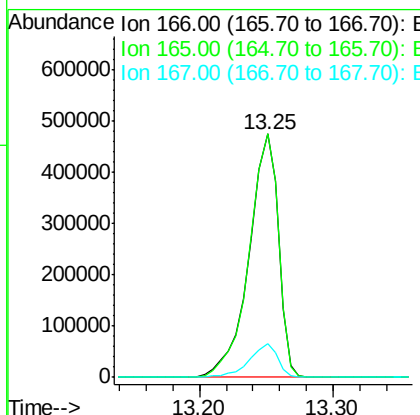
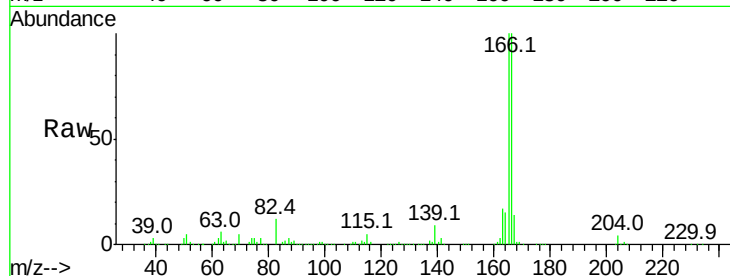
ClientSampleId :

PB101441BS

Tot Ion:	166	Resp:	717253
Ion Ratio	Lower	Upper	
166	100		
165	100.2	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.715 ng

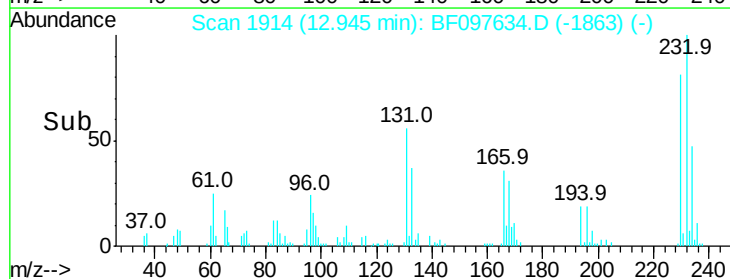
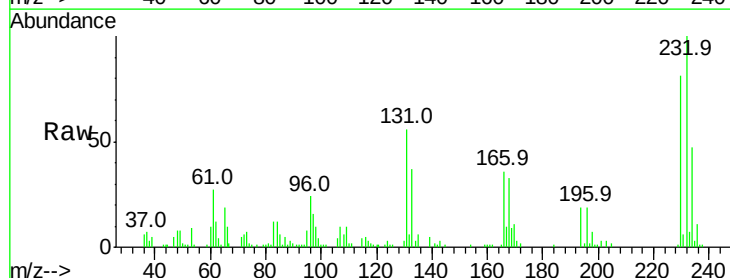
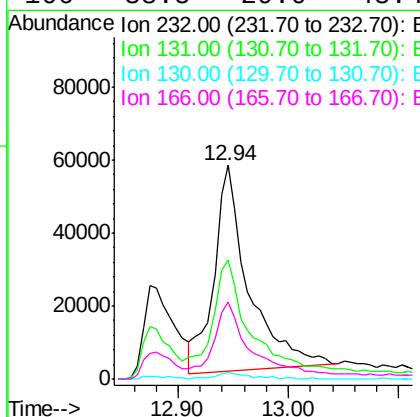
RT: 12.94 min Scan# 1914

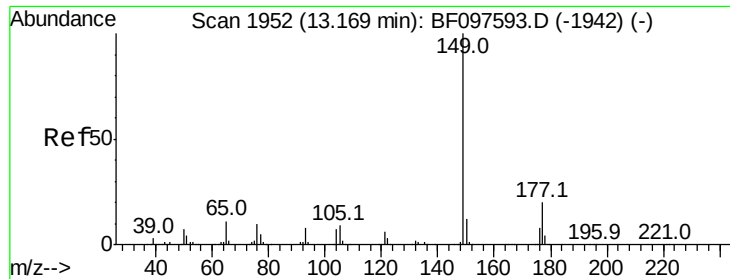
Delta R.T. -0.00 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion:	232	Resp:	123323
Ion Ratio	Lower	Upper	
232	100		
131	60.3	44.8	67.2
130	3.2	2.3	3.5
166	38.5	29.0	43.4





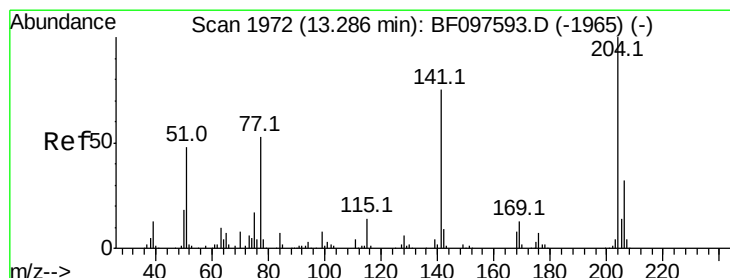
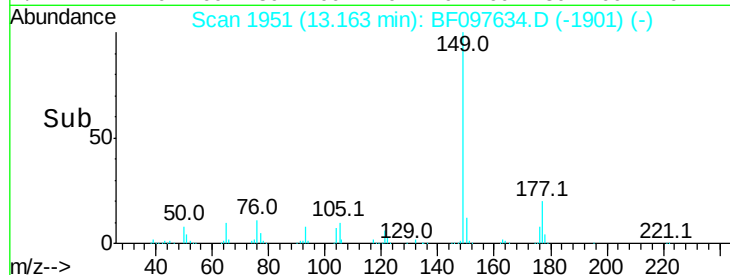
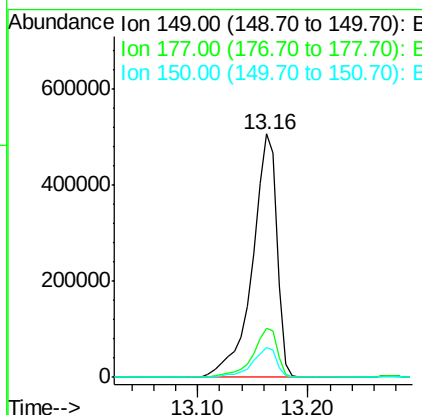
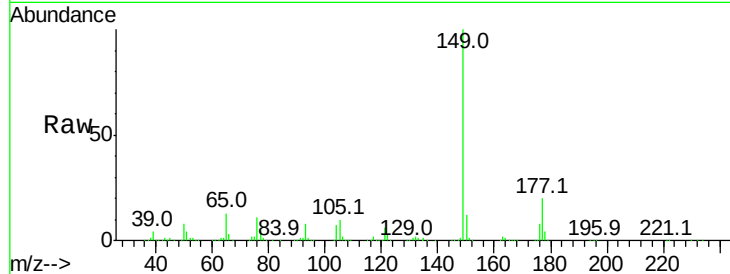
#59
Diethylphthalate
Concen: 44.601 ng
RT: 13.16 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	793103		
177	20.2	16.7	25.1	
150	12.4	10.2	15.2	

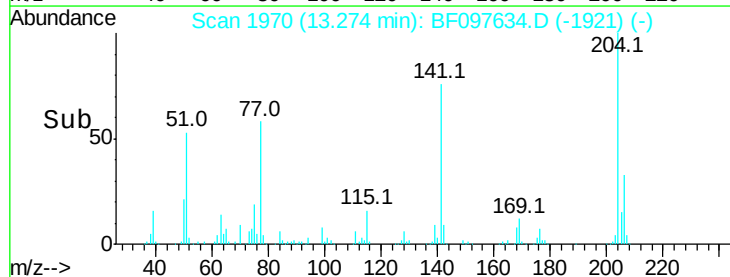
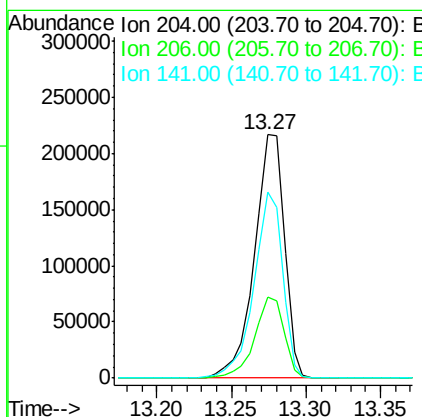
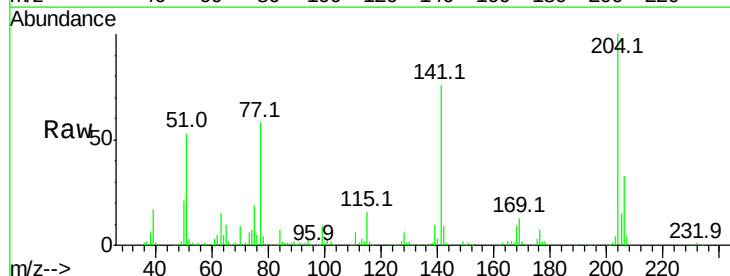
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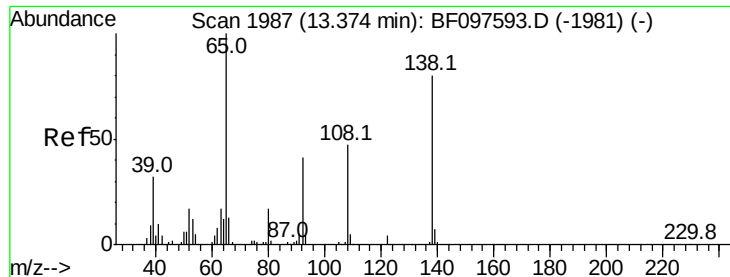
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#60
4-Chlorophenyl-phenylether
Concen: 39.911 ng
RT: 13.27 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	300750		
206	33.4	26.2	39.2	
141	76.2	60.8	91.2	





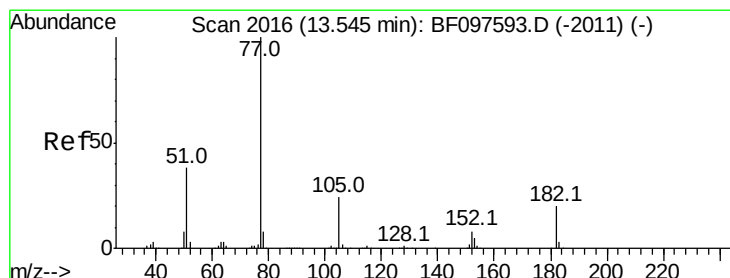
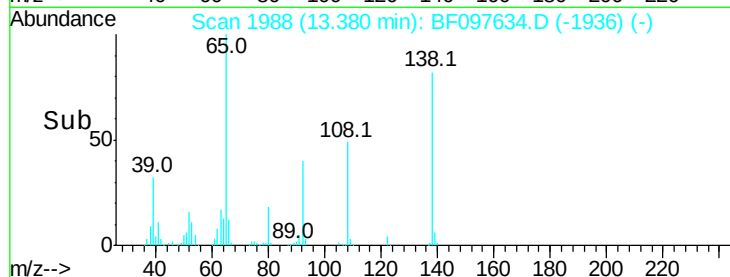
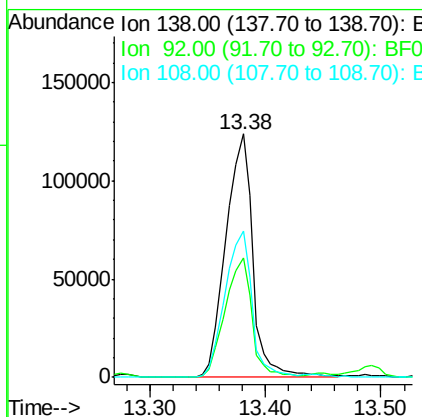
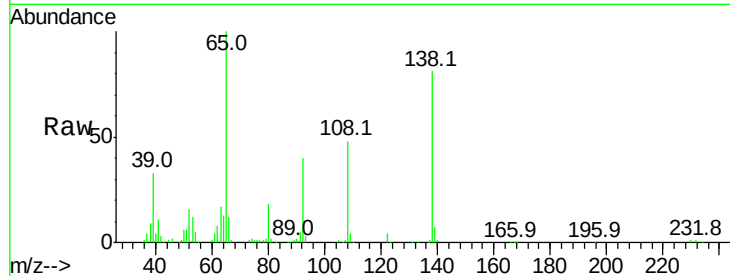
#61
4-Nitroaniline
Concen: 41.444 ng
RT: 13.38 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	21.8	61.8
108	59.9	42.3	82.3

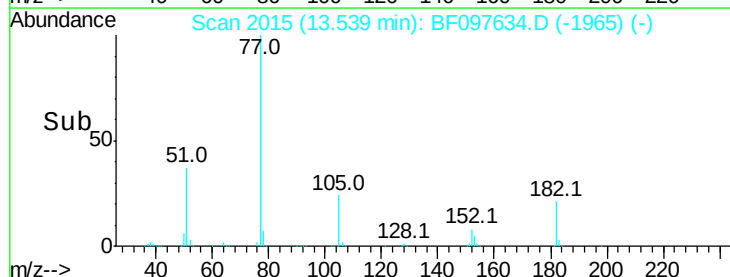
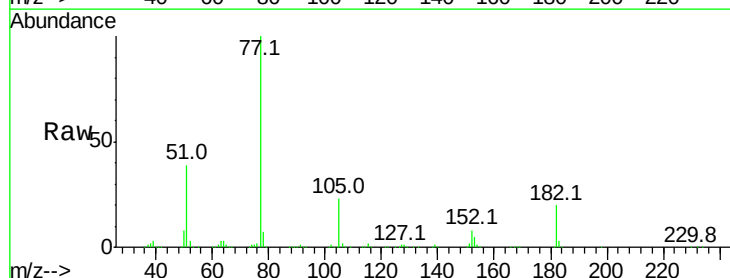
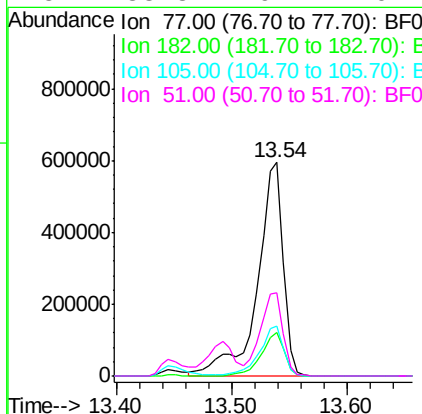
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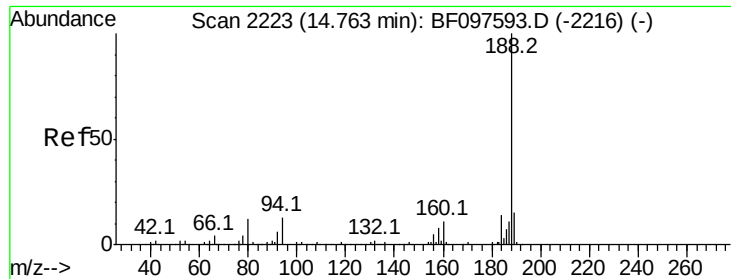
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#62
Azobenzene
Concen: 52.736 ng
RT: 13.54 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.1	40.1
105	23.3	3.6	43.6
51	38.8	9.4	49.4





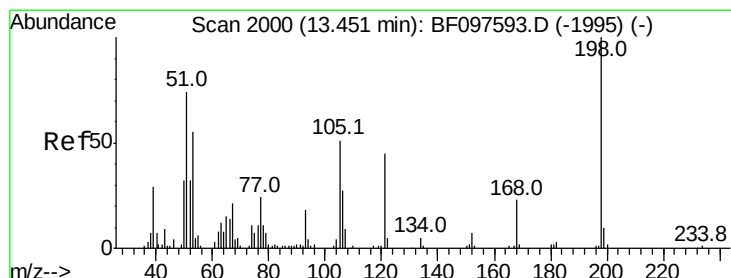
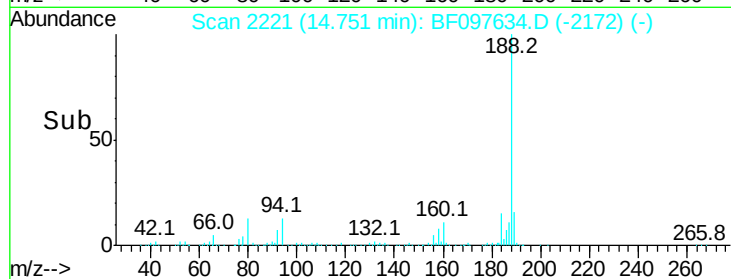
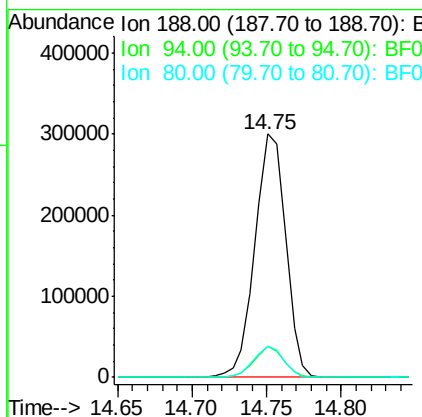
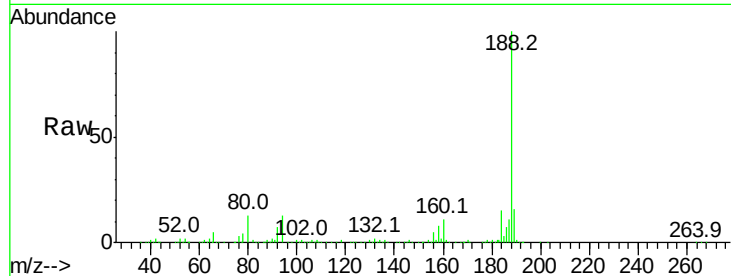
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	428185		
94	12.8		9.4	14.2
80	12.9		10.2	15.2

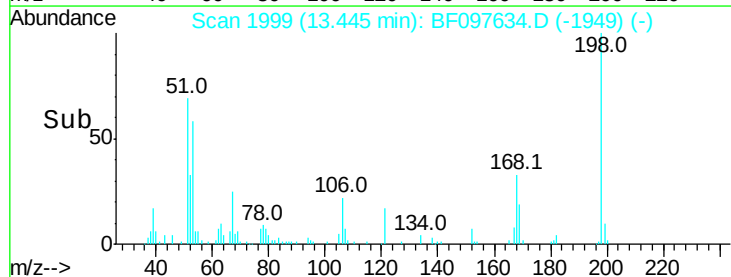
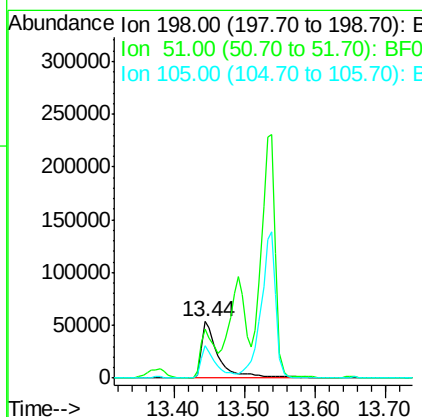
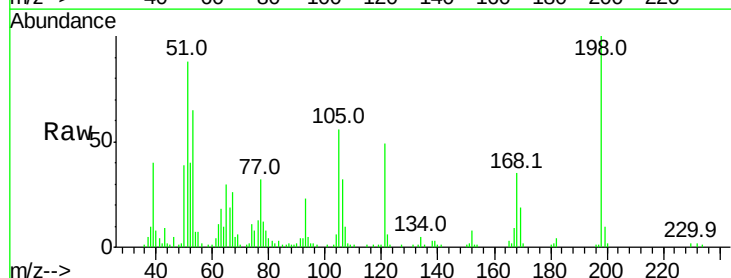
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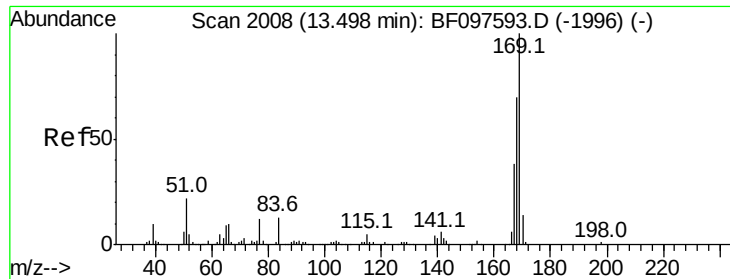
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.406 ng
RT: 13.44 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	92479		
51	87.6		53.2	93.2
105	56.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 39.976 ng

RT: 13.49 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

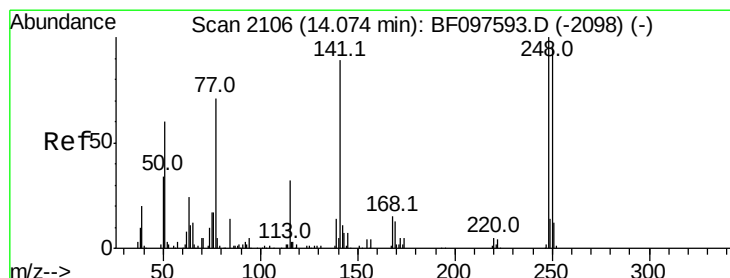
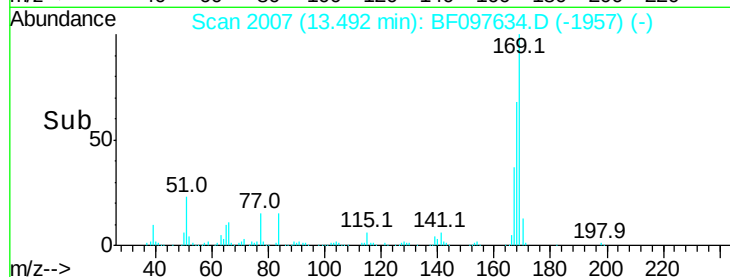
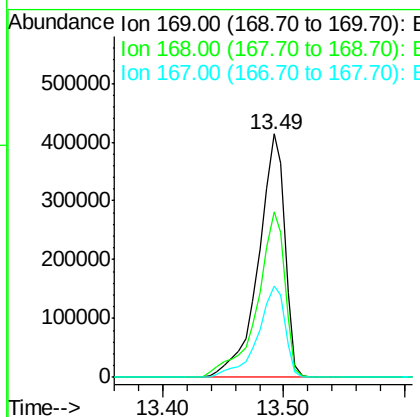
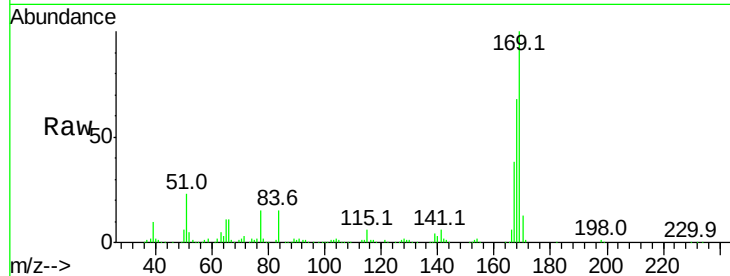
ClientSampleId :

PB101441BS

Tot Ion:	169	Resp:	632563
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.2	79.8
167	37.5	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.943 ng

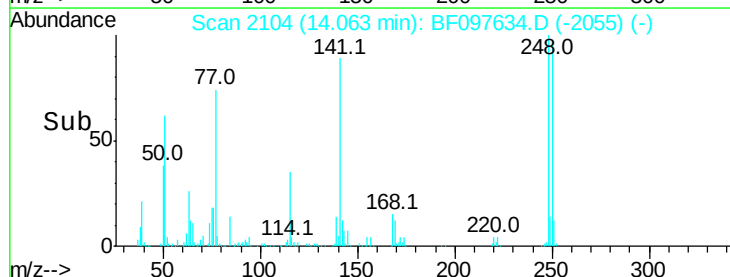
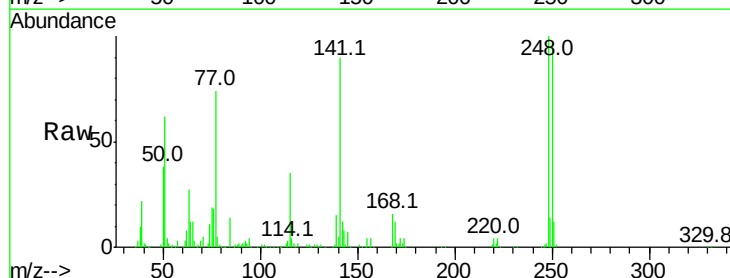
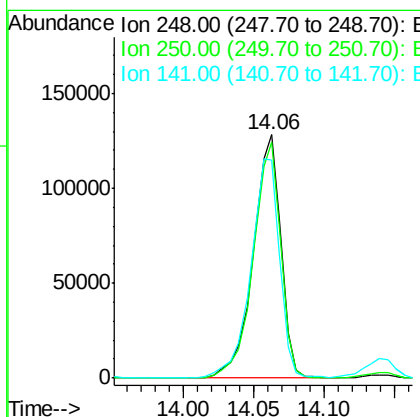
RT: 14.06 min Scan# 2104

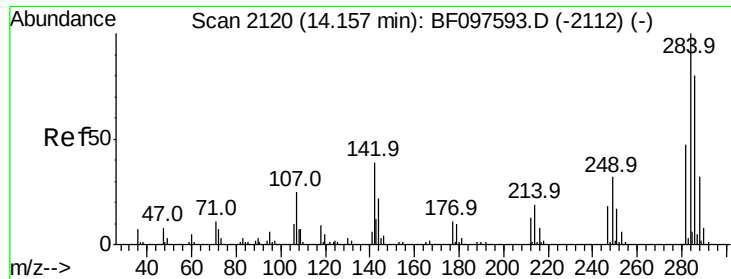
Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion:	248	Resp:	177439
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.8	115.2
141	89.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 37.653 ng

RT: 14.14 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

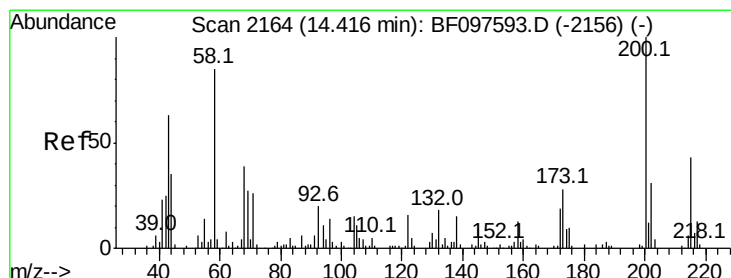
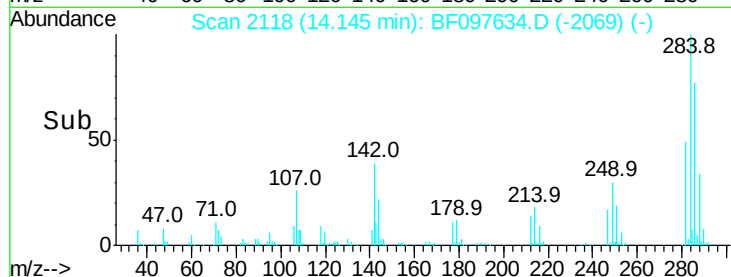
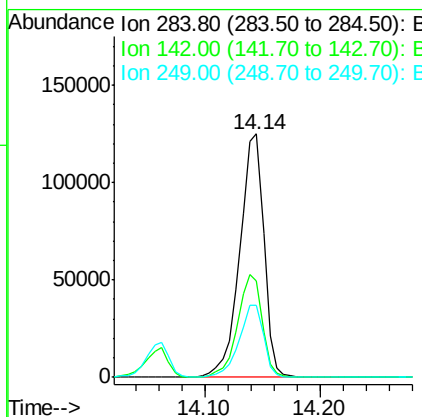
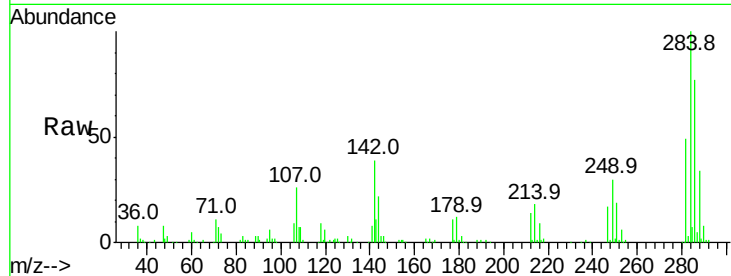
ClientSampleId :

PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	182201		
142	39.4	22.8	34.2#	
249	29.6	24.0	36.0	

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#68

Atrazine

Concen: 46.528 ng

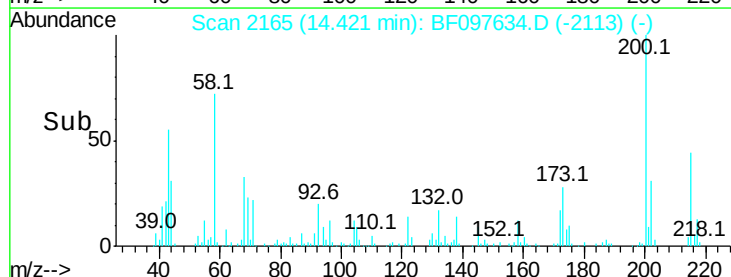
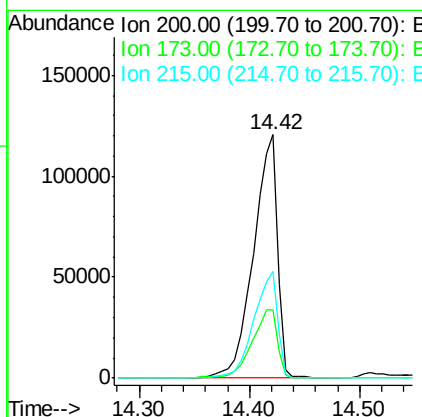
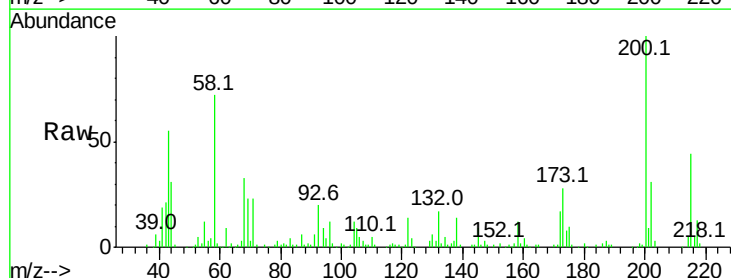
RT: 14.42 min Scan# 2165

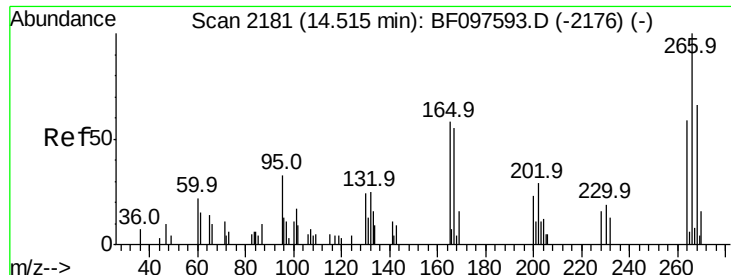
Delta R.T. 0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184727		
173	28.1	6.3	46.3	
215	43.8	27.2	67.2	





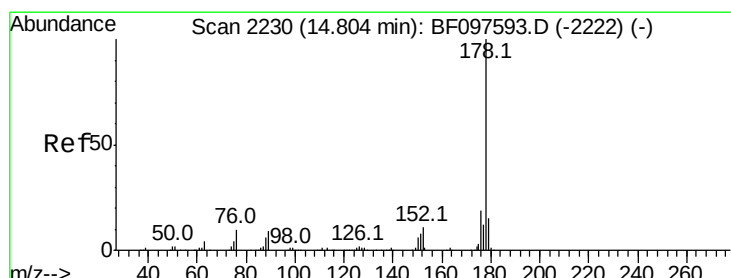
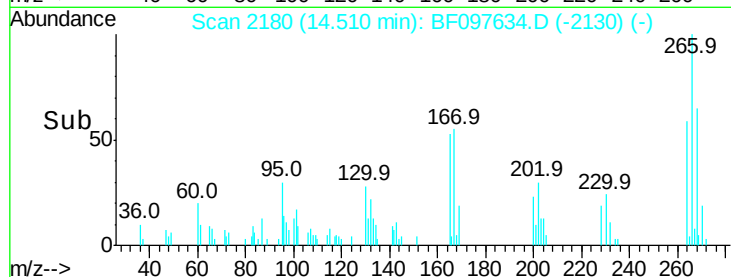
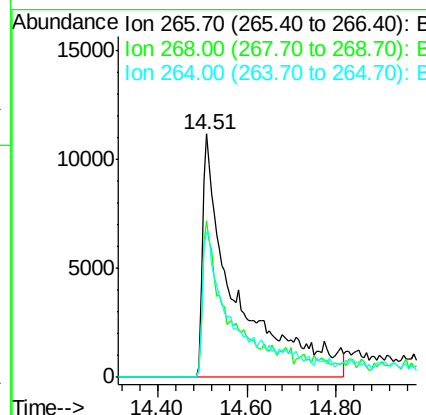
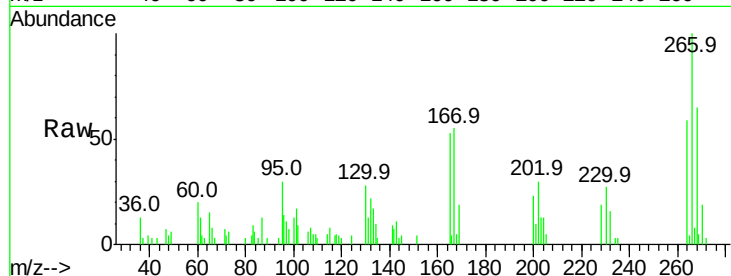
#69
 Pentachlorophenol
 Concen: 61.479 ng/mL
 RT: 14.51 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleID :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	57761		
268	64.5		51.1	76.7
264	59.4		51.7	77.5

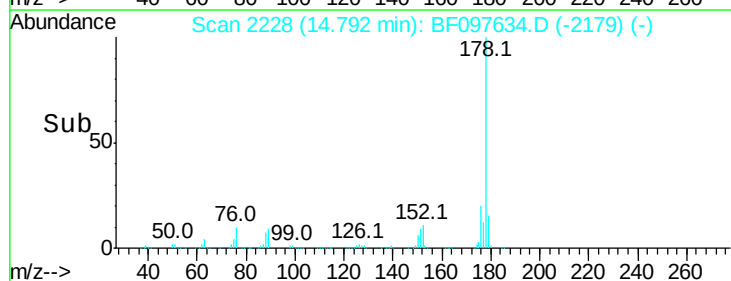
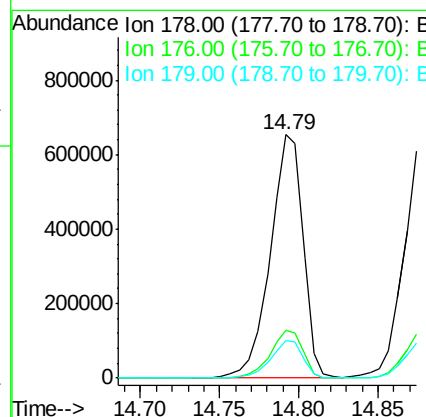
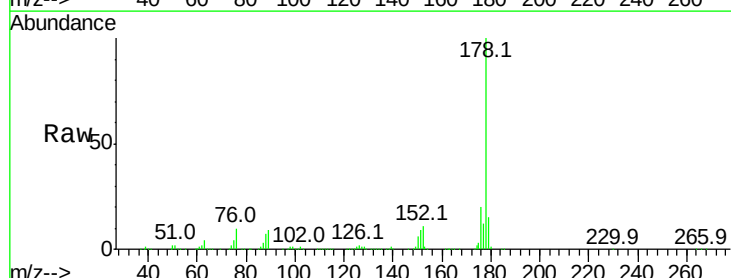
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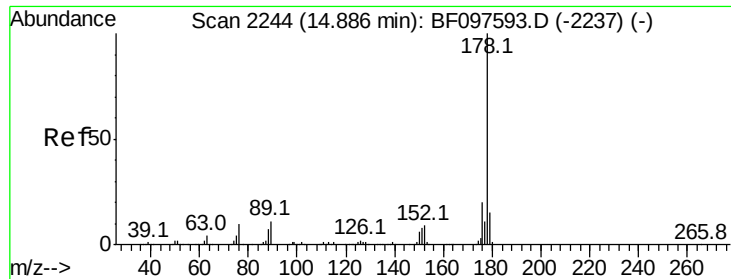
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#70
 Phenanthrene
 Concen: 38.190 ng/mL
 RT: 14.79 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	941821		
176	19.5		16.2	24.4
179	15.2		12.6	19.0





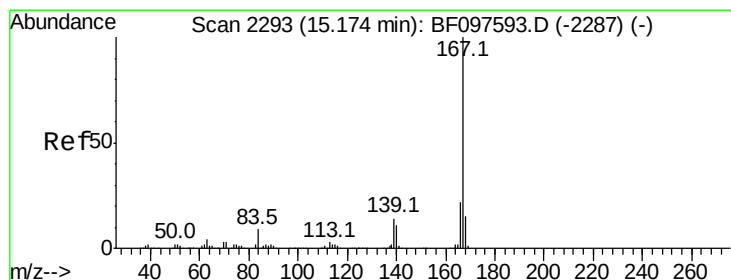
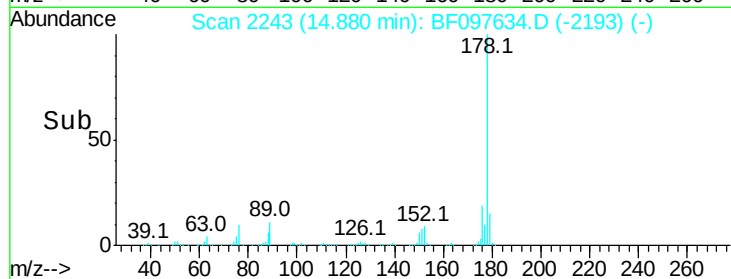
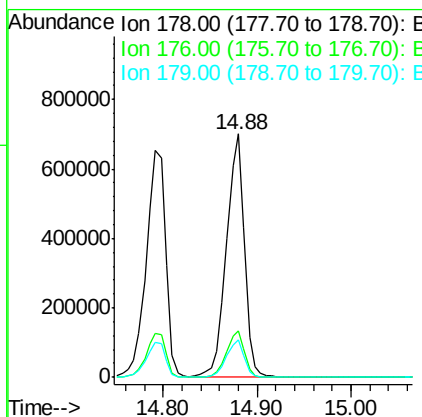
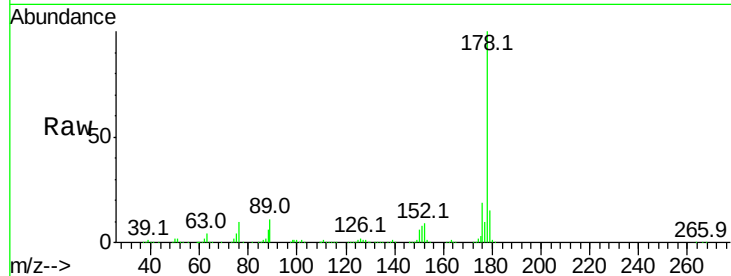
#71
 Anthracene
 Concen: 37.276 ng
 RT: 14.88 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

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

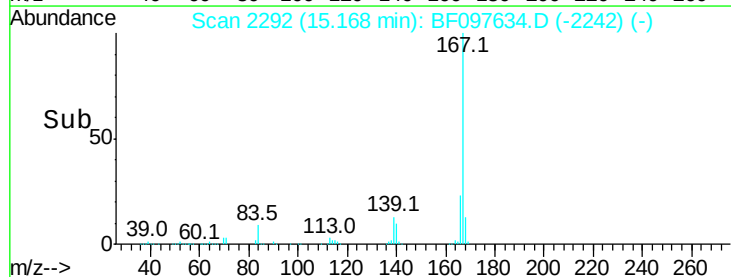
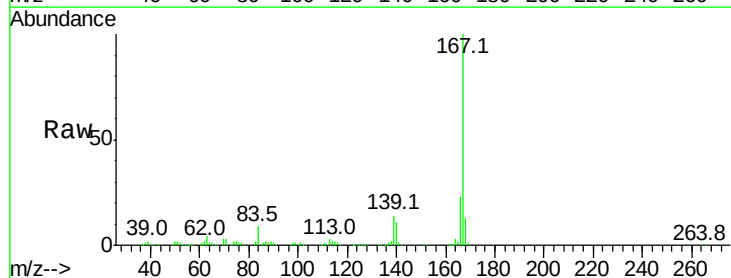
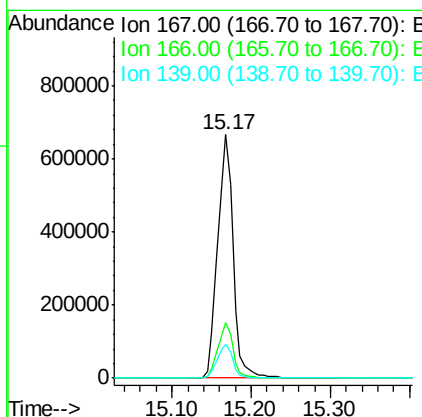
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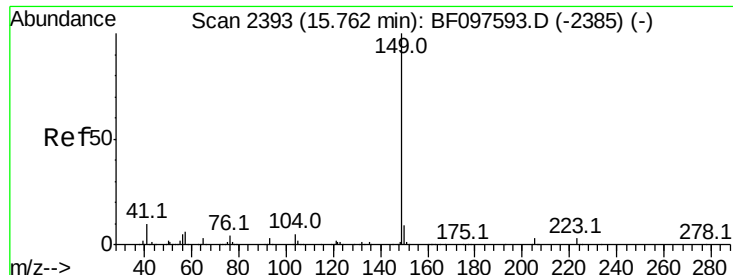
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#72
 Carbazole
 Concen: 37.396 ng
 RT: 15.17 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.003 ng

RT: 15.75 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:149 Resp: 1096620

Ion Ratio Lower Upper

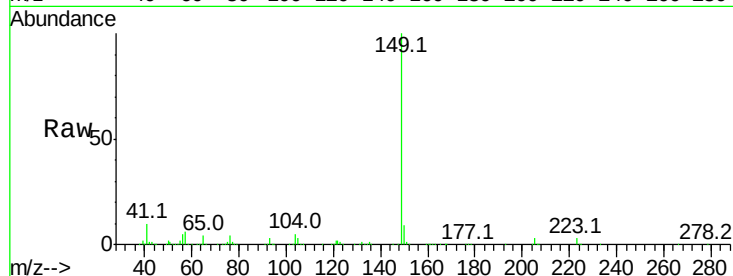
149 100

150 9.2 7.7 11.5

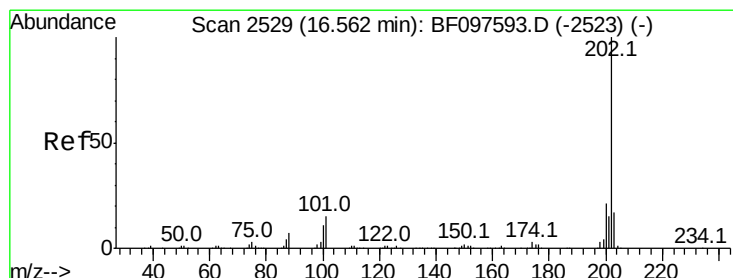
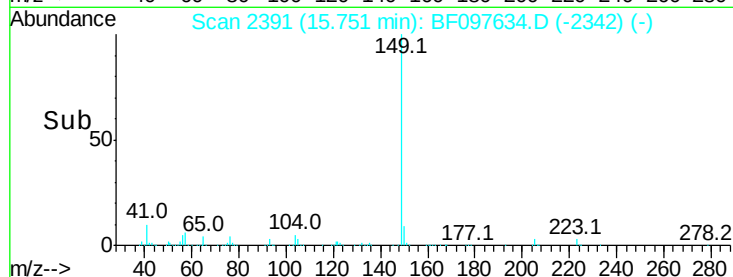
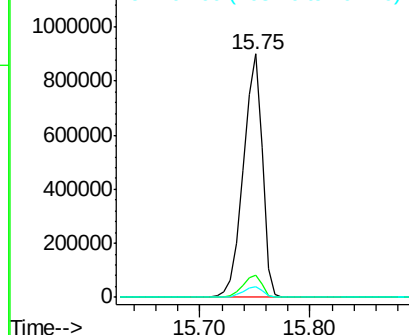
104 4.5 4.0 6.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.282 ng

RT: 16.56 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

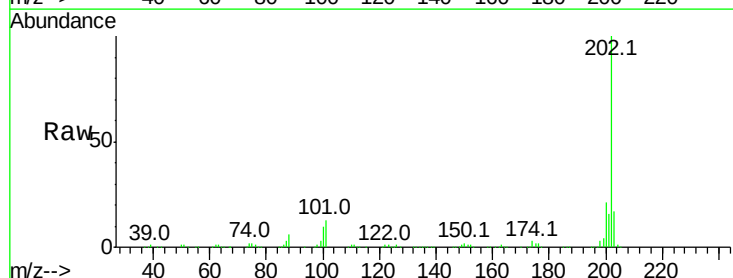
Tgt Ion:202 Resp: 853107

Ion Ratio Lower Upper

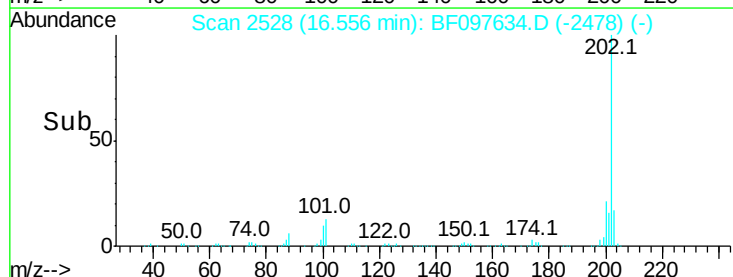
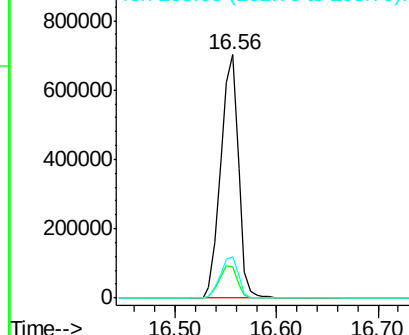
202 100

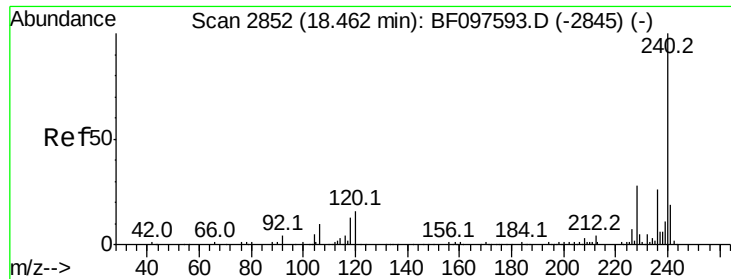
101 13.0 0.0 33.2

203 16.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





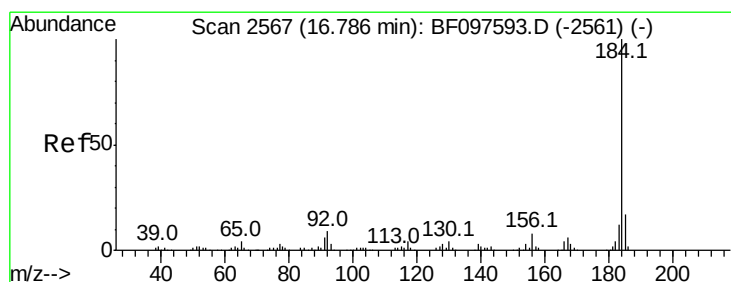
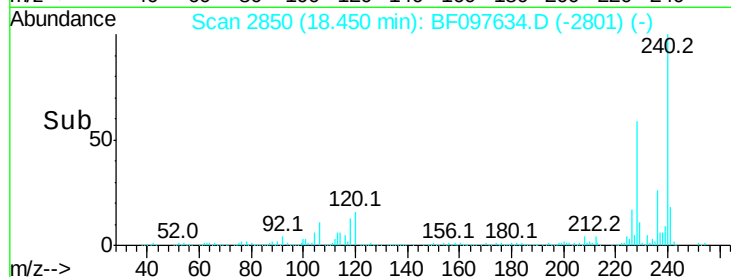
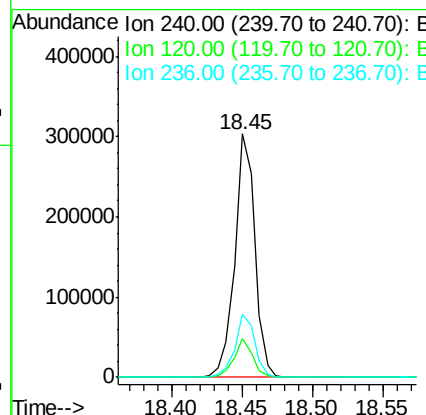
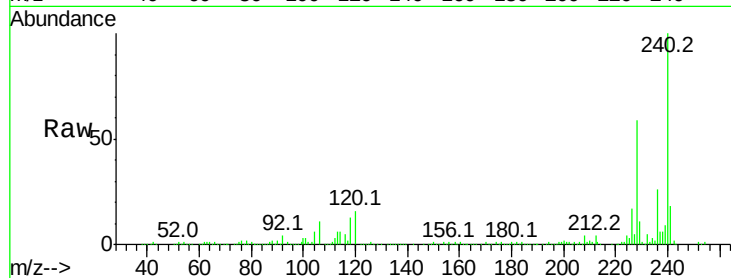
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.7	20.5	30.7

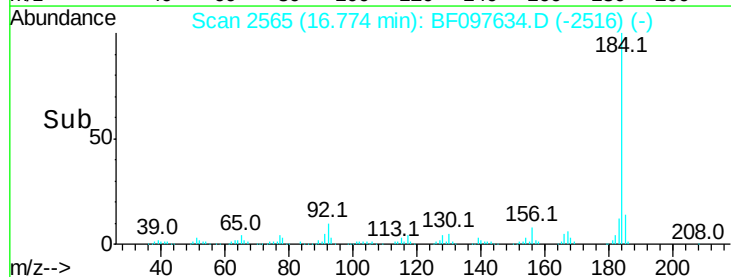
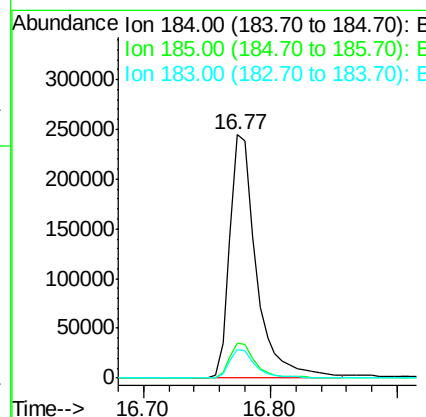
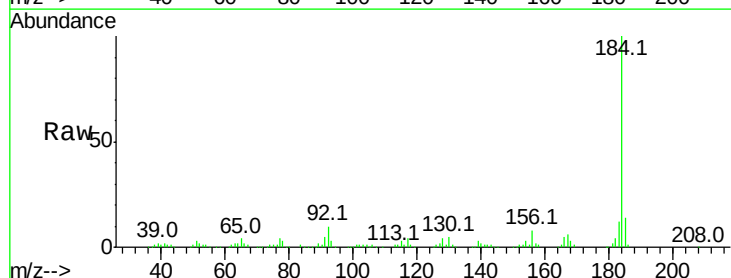
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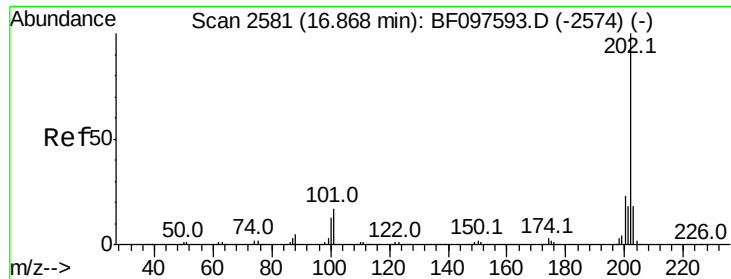
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#76
Benzidine
Concen: 36.004 ng
RT: 16.77 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	15.5	23.3#
183	11.8	9.8	14.6





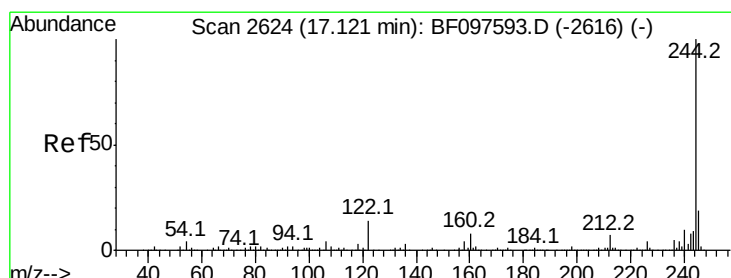
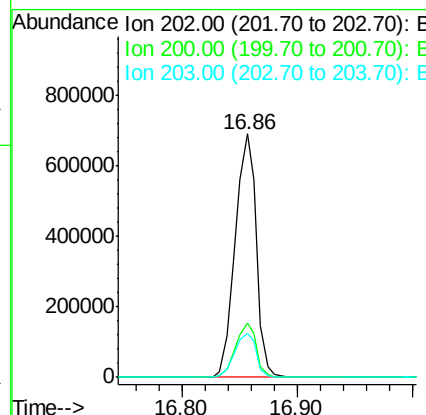
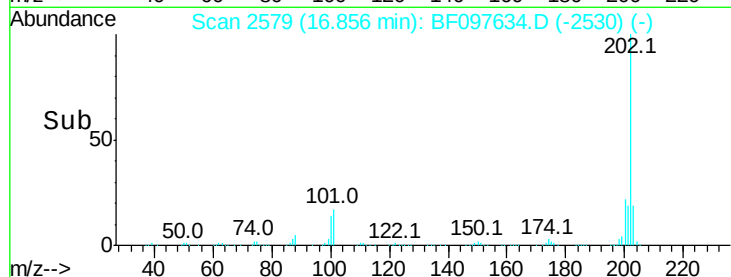
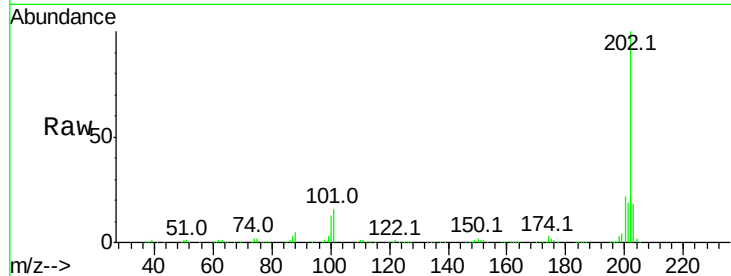
#77
Pvrene
Concen: 35.263 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	874818		
200	22.1		17.6	26.4
203	18.3		14.4	21.6

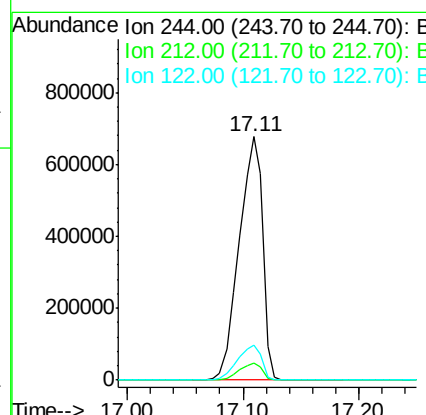
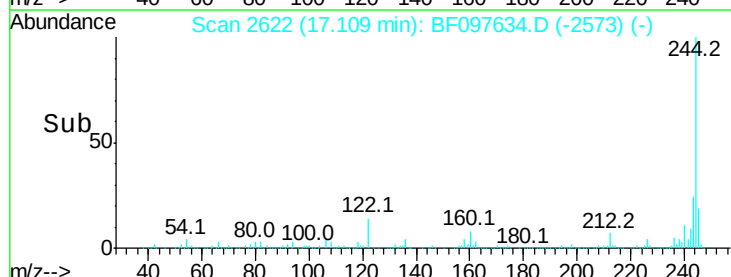
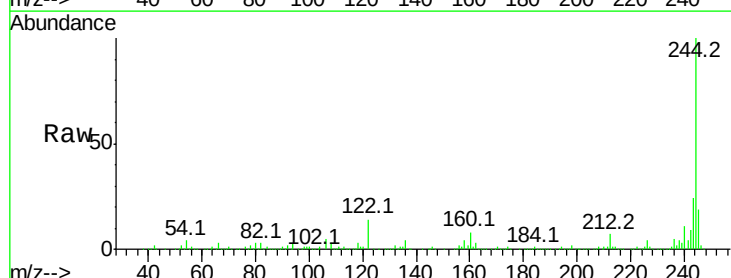
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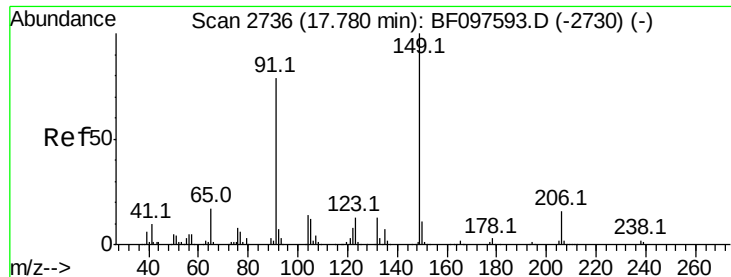
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#78
Terphenyl-d14
Concen: 65.564 ng
RT: 17.11 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	950360		
212	6.8		6.0	9.0
122	14.2		10.3	15.5





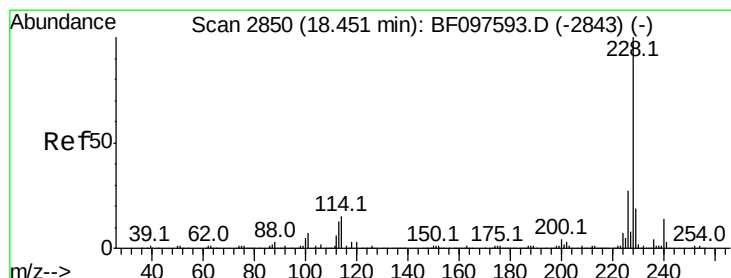
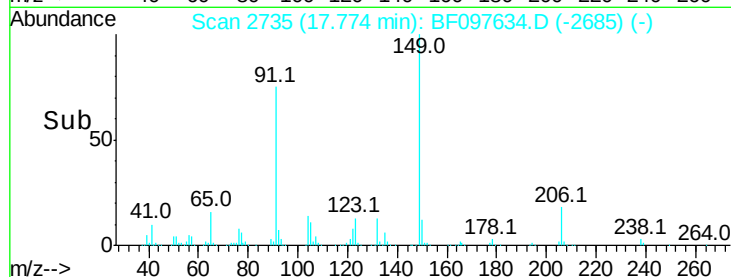
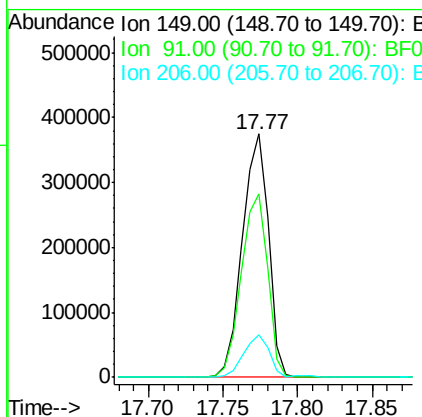
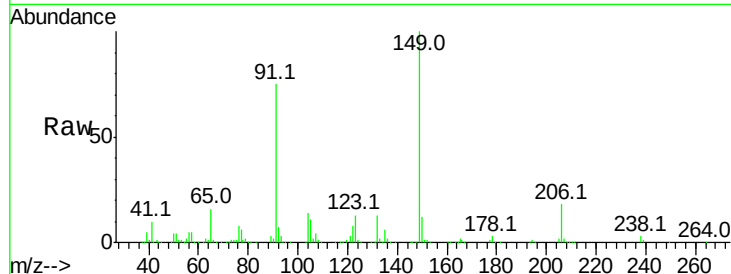
#79
Butylbenzylphthalate
Concen: 43.860 ng
RT: 17.77 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	454887		
91	75.4	45.0	67.4#	
206	17.7	17.0	25.6	

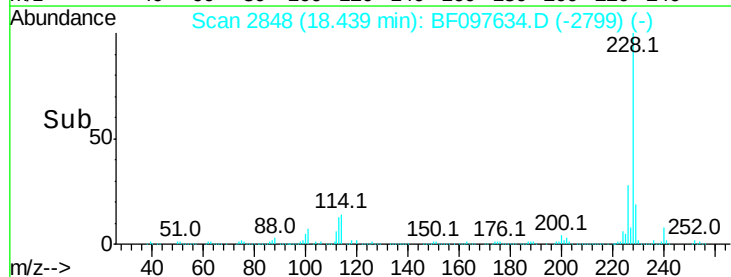
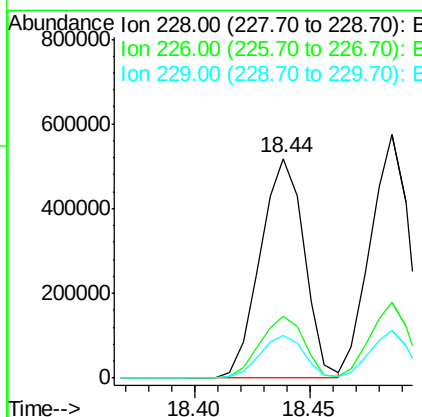
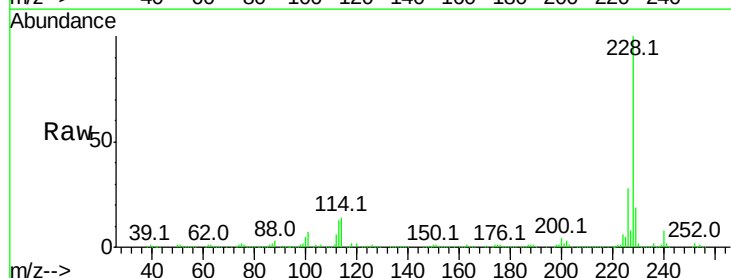
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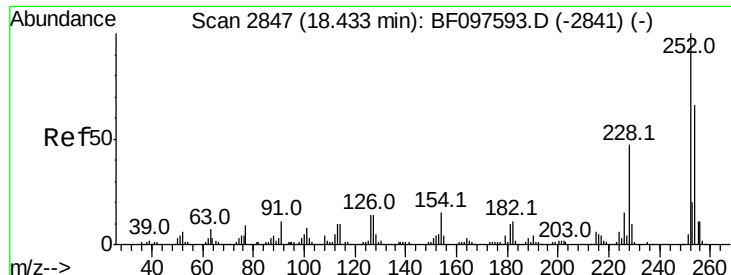
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#80
Benzo(a)anthracene
Concen: 39.112 ng
RT: 18.44 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	685300		
226	28.0	22.6	33.8	
229	19.2	16.3	24.5	





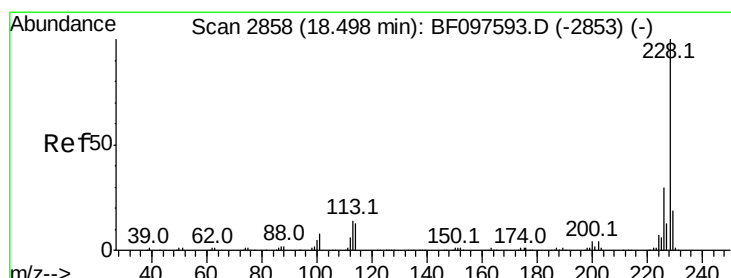
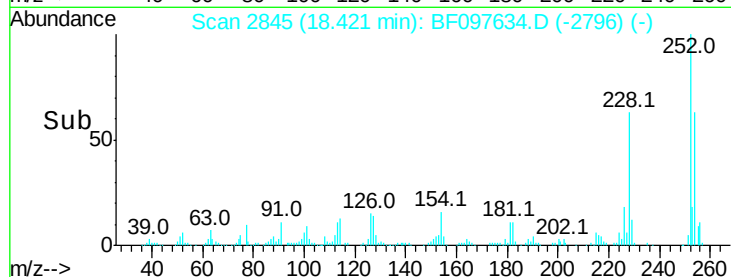
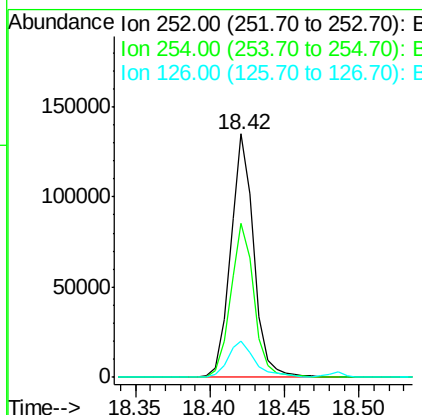
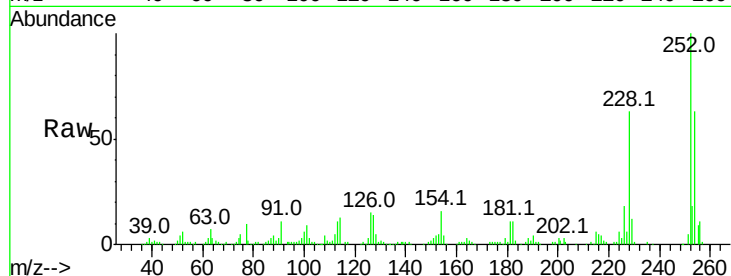
#81
 3,3'-Dichlorobenzidine
 Concen: 24.343 ng
 RT: 18.42 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	147106		
254	63.5	51.5	77.3	
126	14.9	15.8	23.8	

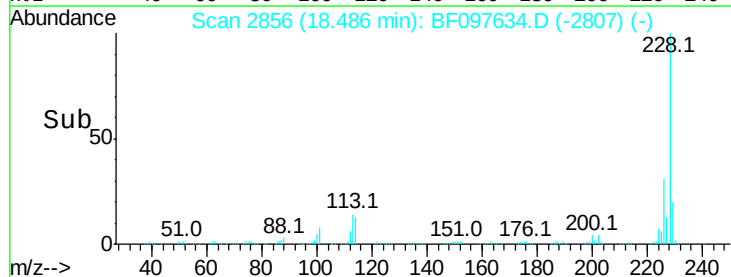
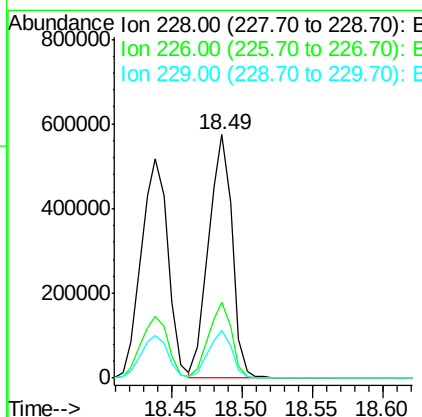
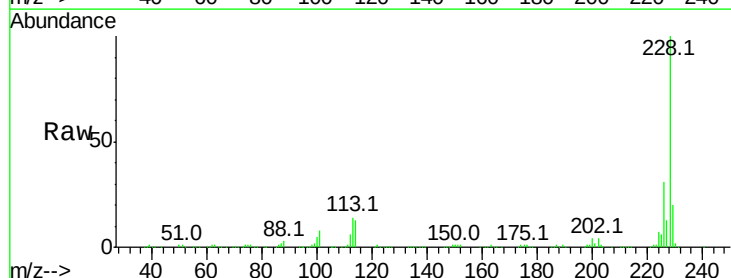
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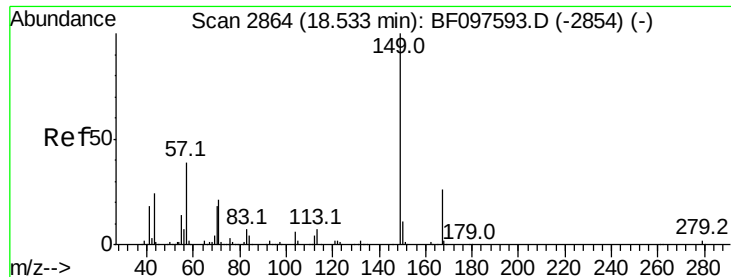
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#82
 Chrysene
 Concen: 38.019 ng
 RT: 18.49 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662577		
226	31.0	24.9	37.3	
229	19.6	15.8	23.6	





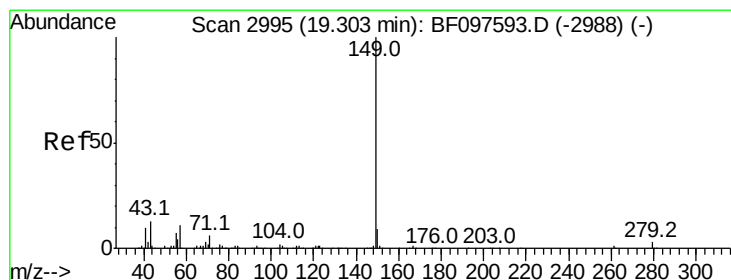
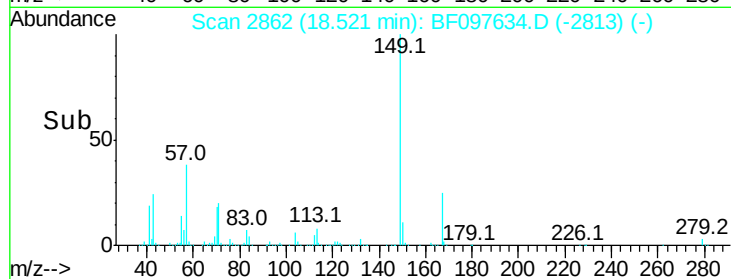
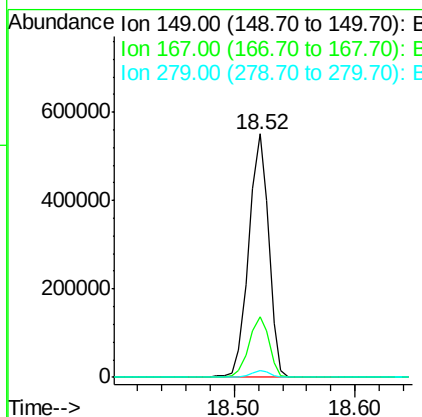
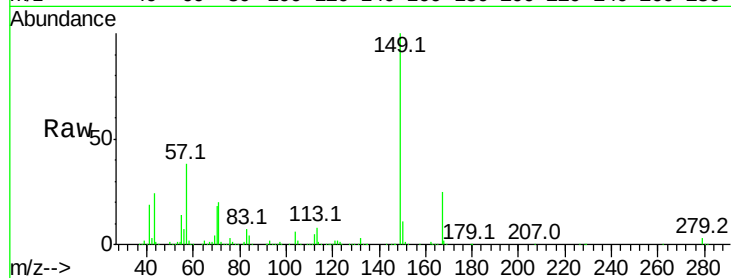
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.450 ng
 RT: 18.52 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	640932		
167	25.1		21.0	31.4
279	2.7		1.9	2.9

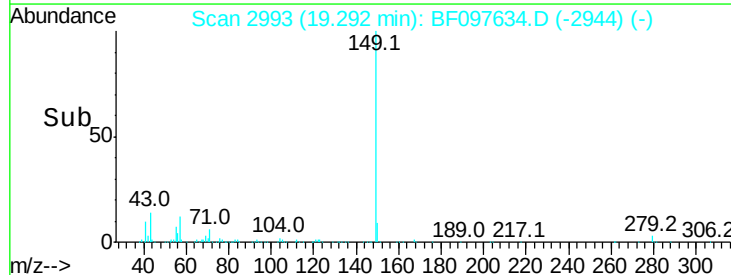
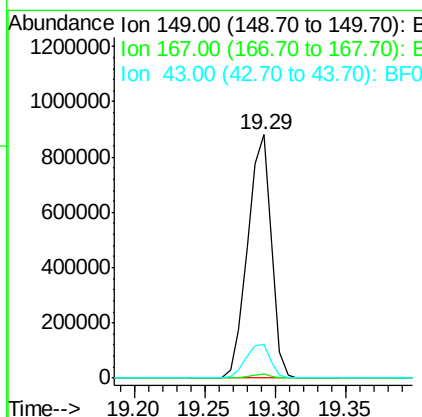
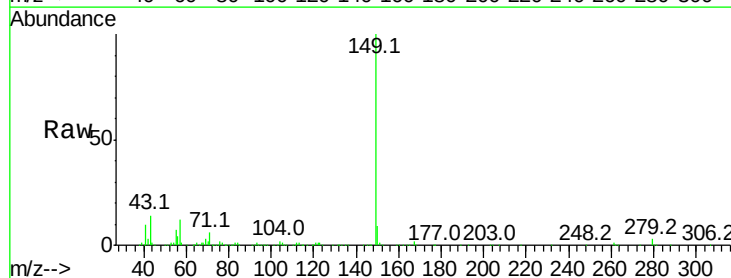
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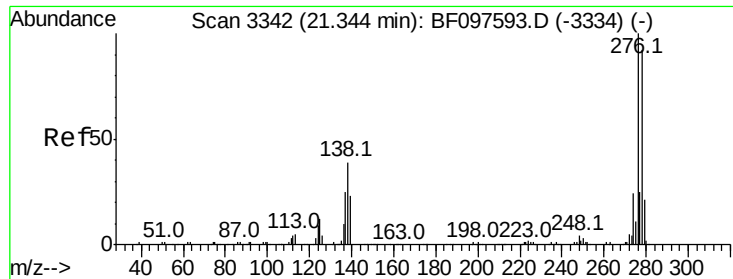
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#84
 Di-n-octyl phthalate
 Concen: 40.329 ng
 RT: 19.29 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1038932		
167	1.5		1.2	1.8
43	14.2		8.5	12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.763 ng

RT: 21.33 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

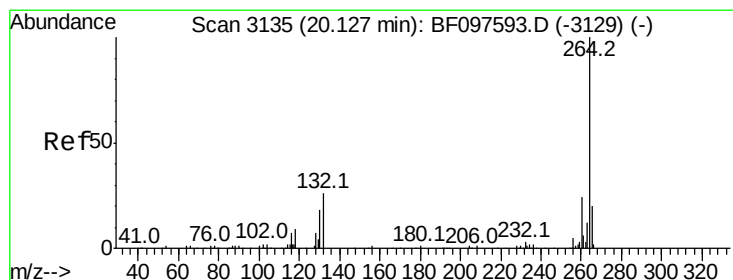
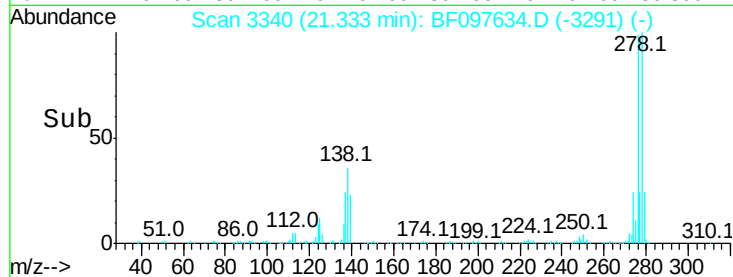
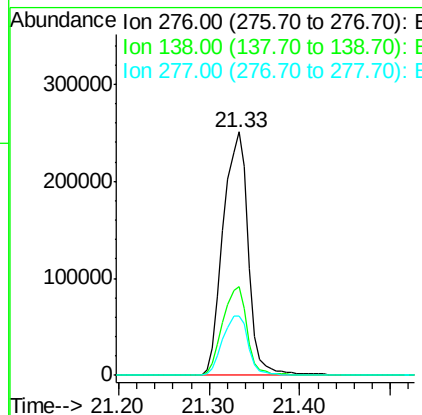
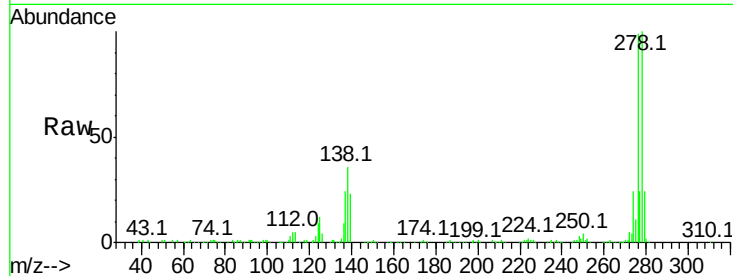
ClientSampleId :

PB101441BS

Tot Ion:	276	Resp:	484754
Ion Ratio		Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.0	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

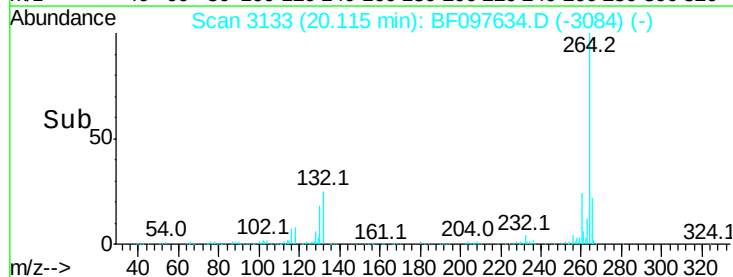
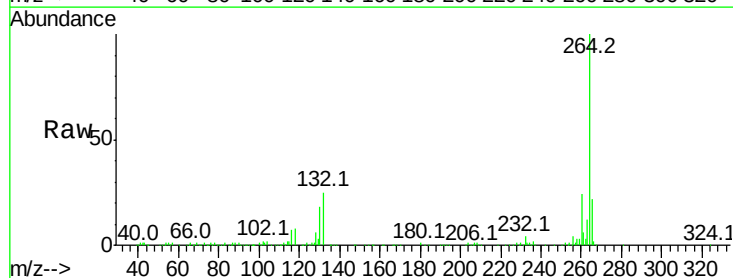
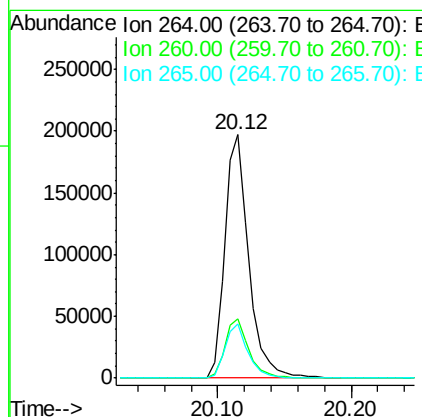
RT: 20.12 min Scan# 3133

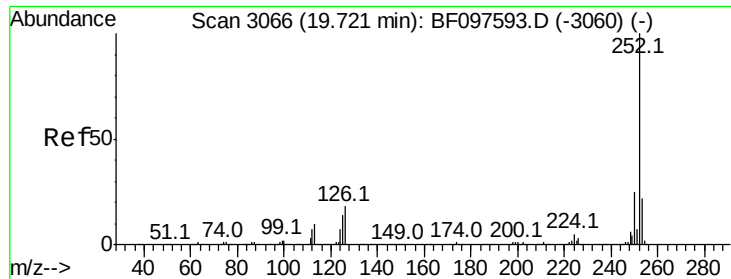
Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion:	264	Resp:	248285
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.570 ng

RT: 19.71 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Instrument :

BNA_F

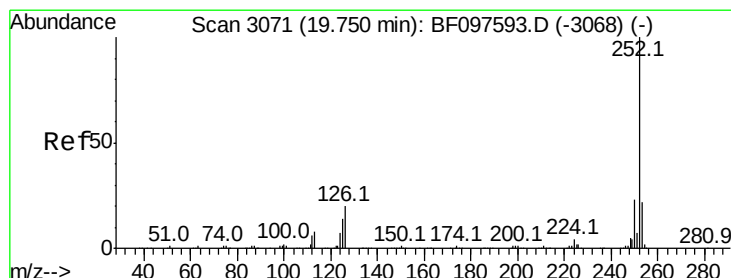
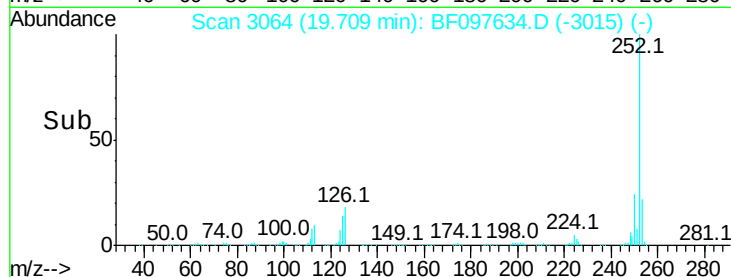
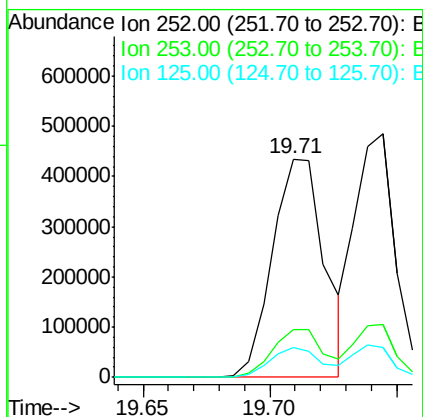
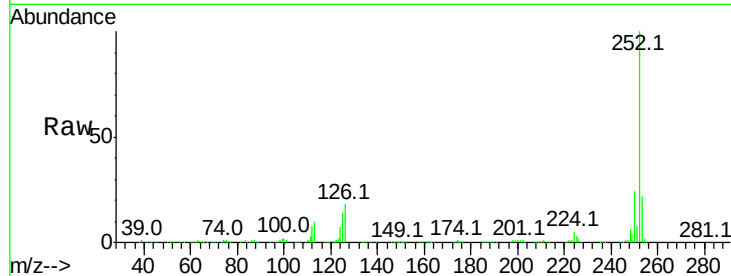
ClientSampleId :

PB101441BS

Tot Ion:	252	Resp:	619769
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	13.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 36.346 ng m

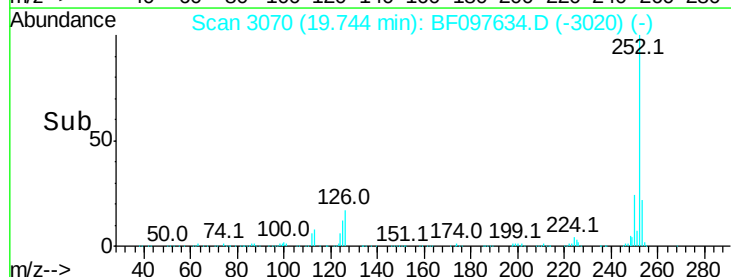
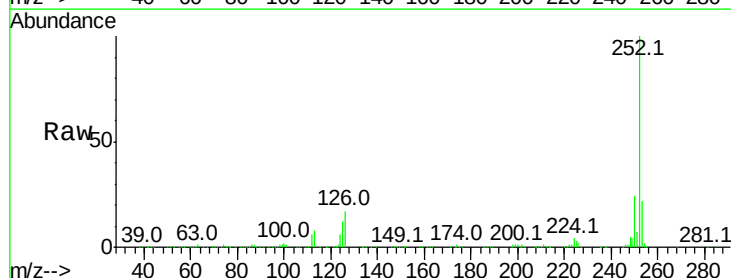
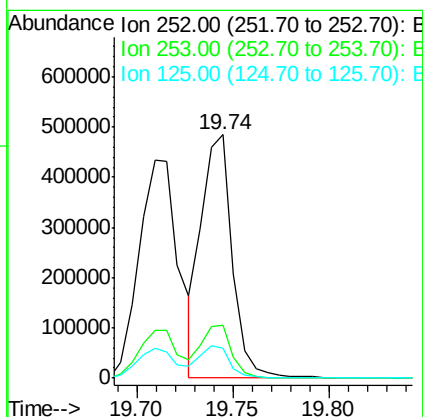
RT: 19.74 min Scan# 3070

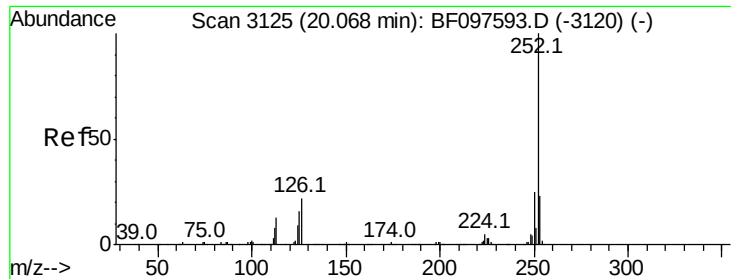
Delta R.T. -0.01 min

Lab File: BF097634.D

Acq: 12 Aug 2017 14:51

Tgt Ion:	252	Resp:	545751
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	12.5	13.1	19.7#





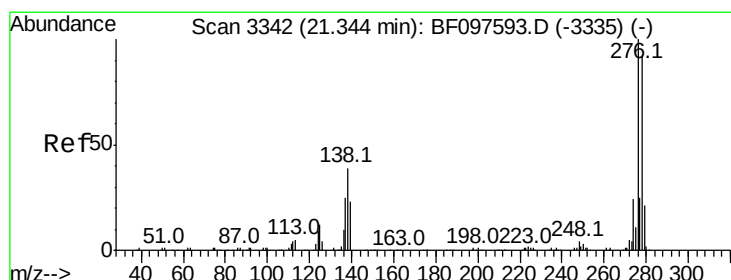
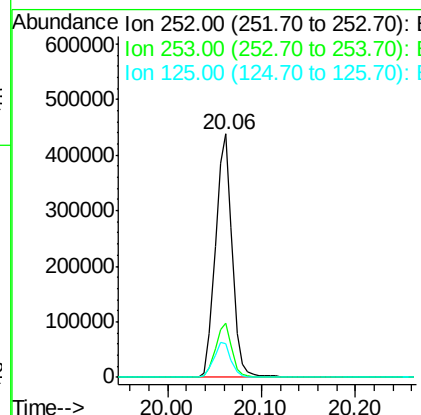
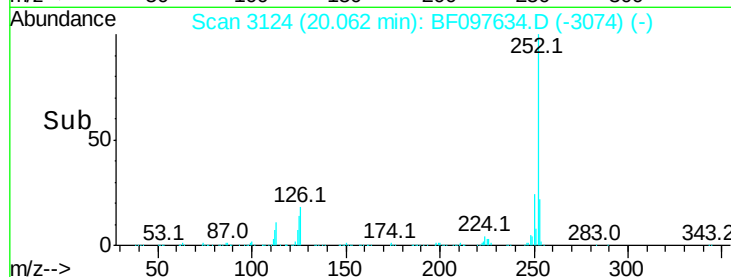
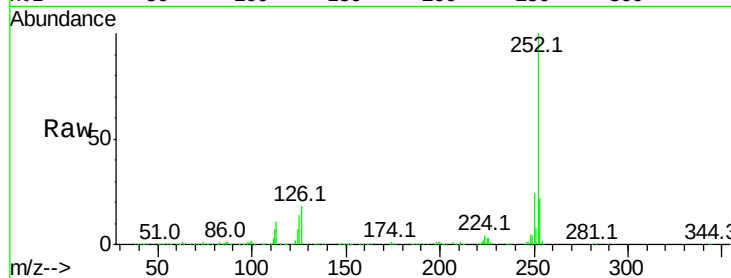
#89
Benzo(a)pyrene
Concen: 40.207 ng
RT: 20.06 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Instrument :
BNA_F
ClientSampleId :
PB101441BS

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

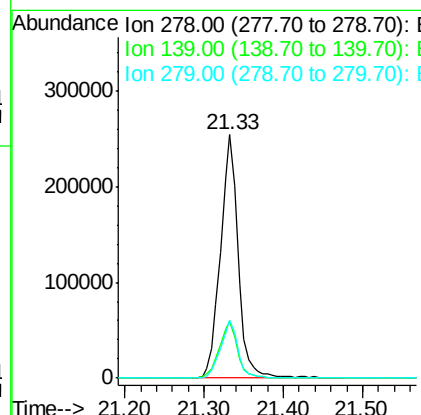
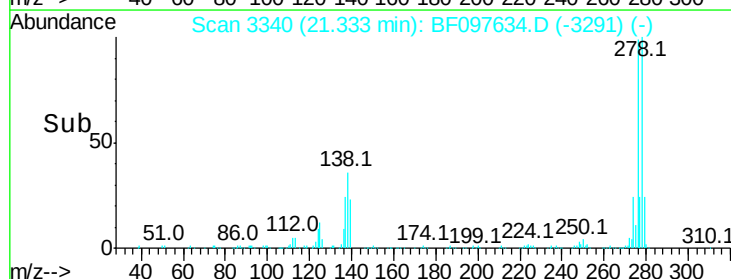
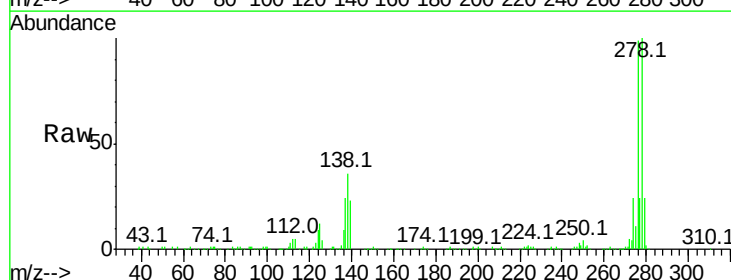
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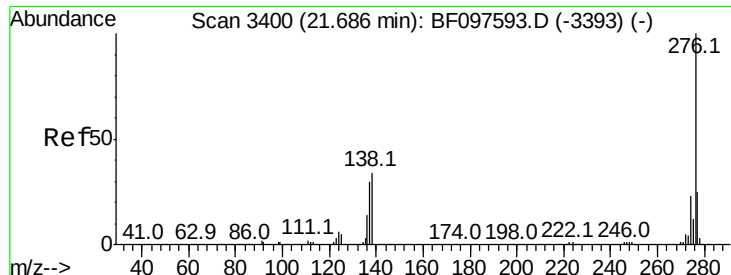
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#90
Dibenzo(a,h)anthracene
Concen: 40.438 ng
RT: 21.33 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BF097634.D
Acq: 12 Aug 2017 14:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.762 ng
 RT: 21.67 min Scan# 3398
 Delta R.T. -0.01 min
 Lab File: BF097634.D
 Acq: 12 Aug 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	30.3	25.4	38.0

Manual Integrations
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