

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097503.D
 Acq On : 9 Aug 2017 8:03
 Operator : SJ/JU
 Sample : PB101261BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:55 PM

Quant Time: Aug 09 17:14:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	101528	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	363778	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	156546	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	230470	20.00	ng	0.00
75) Chrysene-d12	13.53	240	146678	20.00	ng	0.00
86) Perylene-d12	14.87	264	112703	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.02	112	843310	125.21	ng	0.01
7) Phenol-d6	6.09	99	928542	120.77	ng	0.00
23) Nitrobenzene-d5	6.99	82	564770	91.08	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	141939	114.76	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	884499	95.89	ng	0.00
78) Terphenyl-d14	12.49	244	534892	74.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.98	88	112925	40.179	ng	# 71
3) Pyridine	2.57	79	317033	36.838	ng	# 61
4) n-Nitrosodimethylamine	2.54	42	198105	41.551	ng	# 78
6) Aniline	6.07	93	178927	18.493	ng	90
8) 2-Chlorophenol	6.20	128	285823	39.689	ng	98
9) Benzaldehyde	5.95	77	110049	24.181	ng	97
10) Phenol	6.10	94	346418	37.985	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	282349	39.144	ng	90
12) 1,3-Dichlorobenzene	6.35	146	305049	39.306	ng	99
13) 1,4-Dichlorobenzene	6.42	146	310068	40.315	ng	94
14) 1,2-Dichlorobenzene	6.57	146	265723	39.569	ng	99
15) Benzyl Alcohol	6.57	79	220168	45.228	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	582905	40.291	ng	85
17) 2-Methylphenol	6.70	107	228242	41.065	ng	# 86
18) Hexachloroethane	6.91	117	94400	33.549	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	207086	40.919	ng	# 80
20) 3+4-Methylphenols	6.86	107	307610	42.375	ng	# 63
22) Acetophenone	6.83	105	393884	45.087	ng	97
24) Nitrobenzene	7.00	77	281324	43.560	ng	92
25) Isophorone	7.25	82	469017	38.621	ng	97
26) 2-Nitrophenol	7.32	139	117758	33.703	ng	# 90
27) 2,4-Dimethylphenol	7.38	122	230002	39.905	ng	98
28) bis(2-Chloroethoxy)methane	7.46	93	314781	39.720	ng	99
29) 2,4-Dichlorophenol	7.57	162	208633	42.018	ng	96
30) 1,2,4-Trichlorobenzene	7.64	180	195000	41.202	ng	98
31) Naphthalene	7.71	128	714443	41.663	ng	100
32) Benzoic acid	7.56	122	109836	25.520	ng	98
33) 4-Chloroaniline	7.79	127	103590	14.846	ng	95
34) Hexachlorobutadiene	7.83	225	104620	41.697	ng	99
35) Caprolactam	8.16	113	76117	47.807	ng	# 50
36) 4-Chloro-3-methylphenol	8.29	107	233432	43.092	ng	86
37) 2-Methylnaphthalene	8.40	142	510897	47.055	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	183072	43.828	ng	99
40) Hexachlorocyclopentadiene	8.56	237	6915	10.936	ng	98

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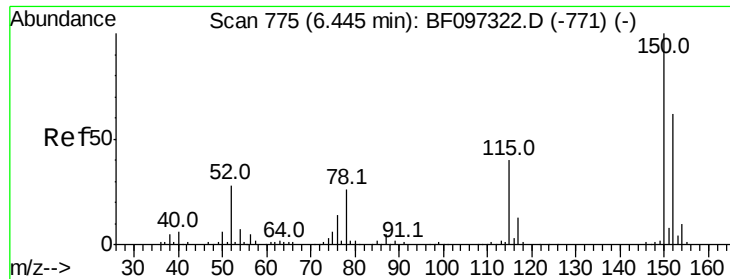
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	120841	39.921	nq	96
43) 2,4,5-Trichlorophenol	8.75	196	114473	37.783	nq	96
45) 1,1'-Biphenyl	8.87	154	562173	42.044	nq	98
46) 2-Chloronaphthalene	8.89	162	421171	42.803	nq	95
47) 2-Nitroaniline	9.00	65	169004	47.327	nq	97
48) Acenaphthylene	9.30	152	625258	41.399	nq	98
49) Dimethylphthalate	9.18	163	509012	42.818	nq	100
50) 2,6-Dinitrotoluene	9.25	165	96463	38.259	nq	# 68
51) Acenaphthene	9.47	154	365797	41.118	nq	98
52) 3-Nitroaniline	9.42	138	101370	32.391	nq	94
53) 2,4-Dinitrophenol	9.56	184	9388	8.189	nq	85
54) Dibenzofuran	9.64	168	545224	46.012	nq	92
55) 4-Nitrophenol	9.63	139	59664m	32.058	nq	
56) 2,4-Dinitrotoluene	9.66	165	116801	40.297	nq	# 79
57) Fluorene	9.98	166	380413	42.713	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.78	232	87577	41.864	nq	# 94
59) Diethylphthalate	9.87	149	480625	44.068	nq	98
60) 4-Chlorophenyl-phenylether	9.98	204	164880	44.832	nq	96
61) 4-Nitroaniline	10.03	138	121582	40.886	nq	94
62) Azobenzene	10.14	77	454243	44.896	nq	93
64) 4,6-Dinitro-2-methylphenol	10.08	198	12041	8.408	nq	# 72
65) n-Nitrosodiphenylamine	10.10	169	366253	45.673	nq	100
66) 4-Bromophenyl-phenylether	10.46	248	103684	45.080	nq	99
67) Hexachlorobenzene	10.53	284	101014	39.164	nq	# 90
68) Atrazine	10.64	200	96556	41.991	nq	94
69) Pentachlorophenol	10.74	266	54190	50.779	nq	99
70) Phenanthrene	10.93	178	529554	42.883	nq	100
71) Anthracene	10.99	178	544851	43.079	nq	98
72) Carbazole	11.15	167	526510	42.328	nq	99
73) Di-n-butylphthalate	11.49	149	673746	43.819	nq	98
74) Fluoranthene	12.12	202	496460	41.038	nq	98
76) Benzidine	12.25	184	309169	56.807	nq	# 92
77) Pyrene	12.34	202	482336	40.168	nq	99
79) Butylbenzylphthalate	12.97	149	259353	42.460	nq	# 76
80) Benzo(a)anthracene	13.53	228	376159	39.634	nq	98
81) 3,3'-Dichlorobenzidine	13.49	252	146662	40.979	nq	# 95
82) Chrysene	13.56	228	374273	40.386	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	318834	39.978	nq	99
84) Di-n-octyl phthalate	14.14	149	572179	39.095	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.07	276	265452	33.405	nq	97
87) Benzo(b)fluoranthene	14.53	252	326738	48.228	nq	99
88) Benzo(k)fluoranthene	14.55	252	279653m	43.318	nq	
89) Benzo(a)pyrene	14.83	252	270315	43.596	nq	99
90) Dibenzo(a,h)anthracene	16.07	278	225222	44.294	nq	95
91) Benzo(g,h,i)perylene	16.42	276	224391	42.082	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097503.D

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Instrument :

BNA_F

ClientSampled :

PB101261BS

Tot Ion:152 Resp: 101528

Ion Ratio Lower Upper

152 100

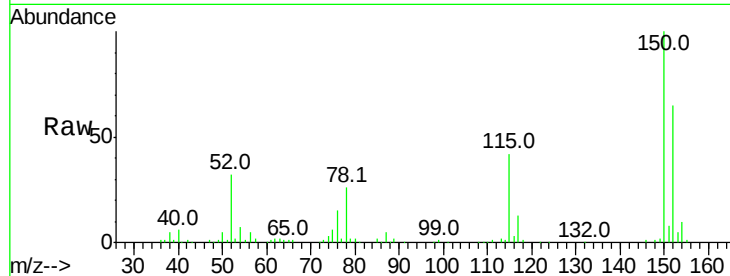
150 154.3 126.2 189.2

115 65.5 52.2 78.2

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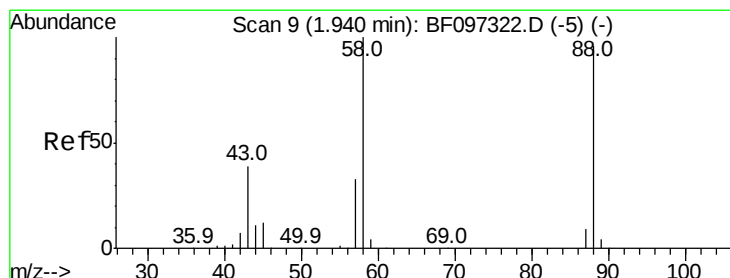
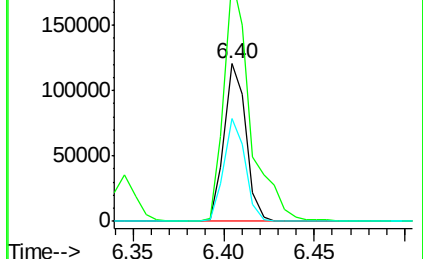
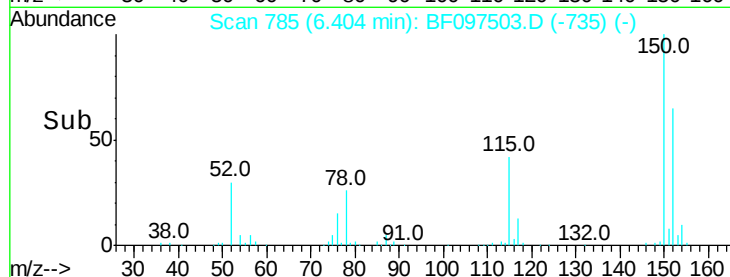
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.179 ng

RT: 1.98 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

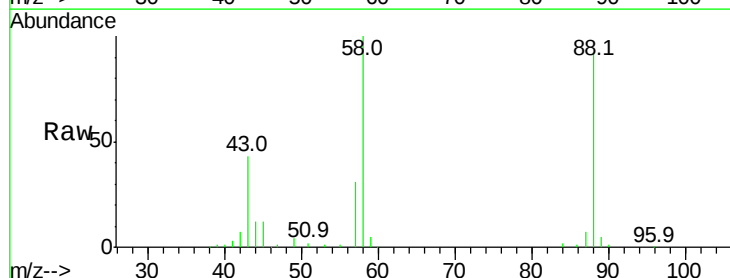
Tgt Ion: 88 Resp: 112925

Ion Ratio Lower Upper

88 100

58 100.5 61.4 92.0#

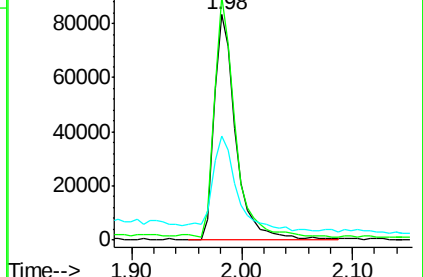
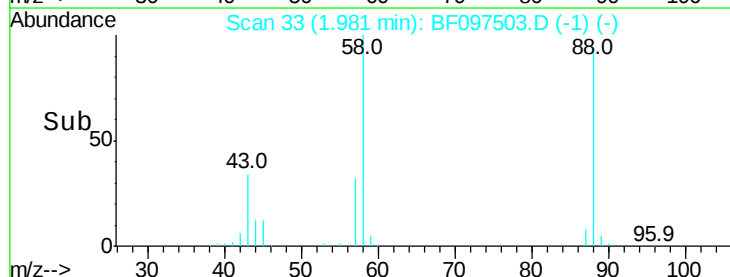
43 46.6 23.4 35.0#

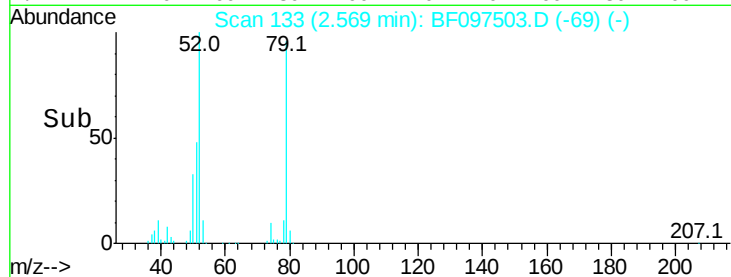
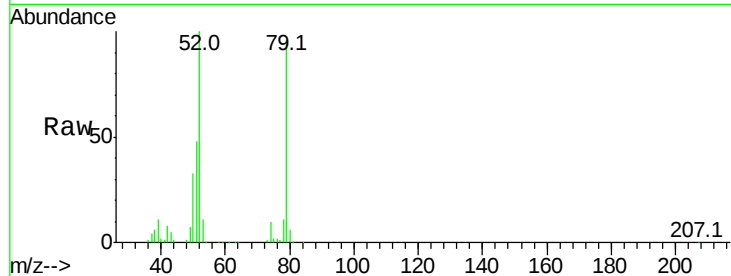
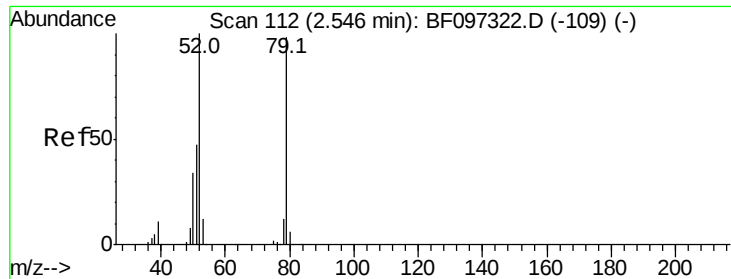


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.838 ng

RT: 2.57 min Scan# 133

Delta R.T. 0.08 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tot Ion:	79	Resp:	317033
Ion Ratio	Lower	Upper	
79	100		
52	104.1	54.8	82.2#
51	50.3	27.0	40.4#

Instrument :

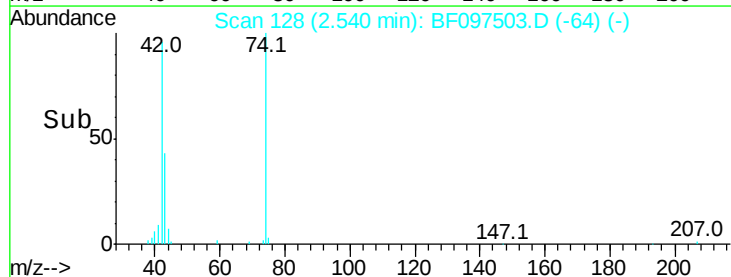
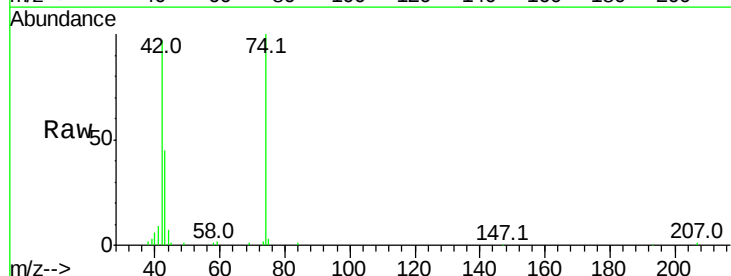
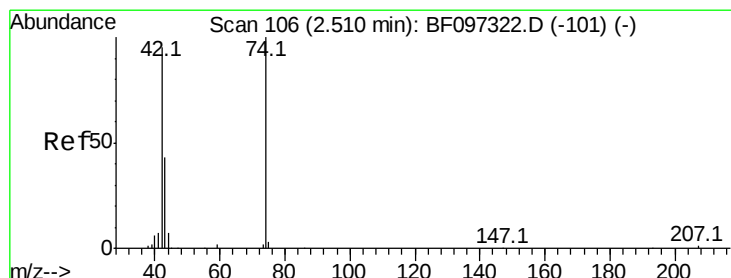
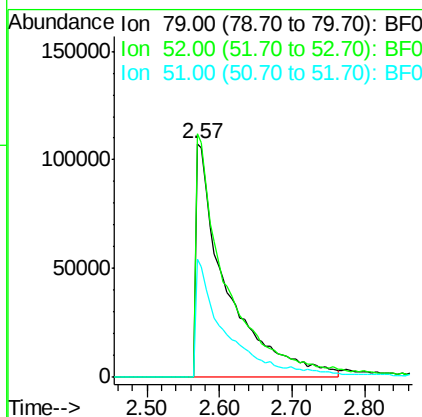
BNA_F

ClientSampleId :

PB101261BS

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#4

n-Nitrosodimethylamine

Concen: 41.551 ng

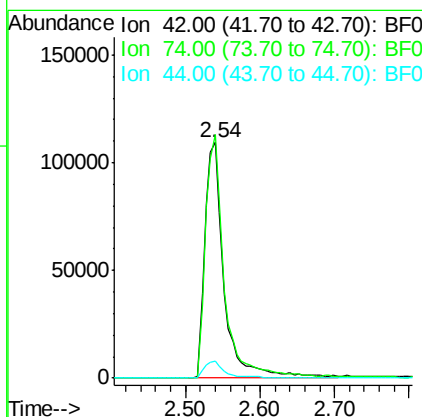
RT: 2.54 min Scan# 128

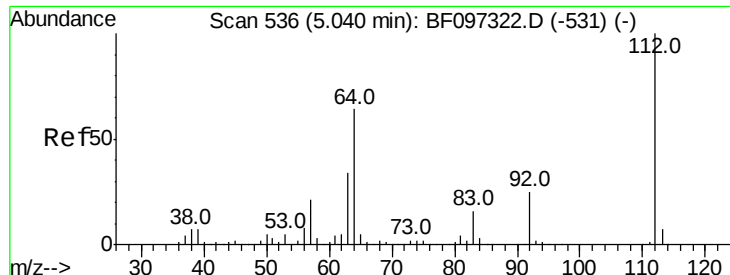
Delta R.T. 0.08 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	42	Resp:	198105
Ion Ratio	Lower	Upper	
42	100		
74	103.3	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 125.215 ng

RT: 5.02 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

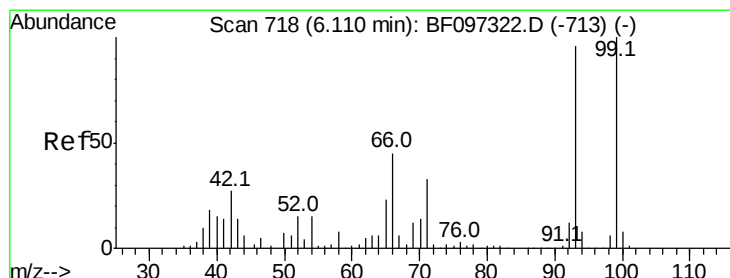
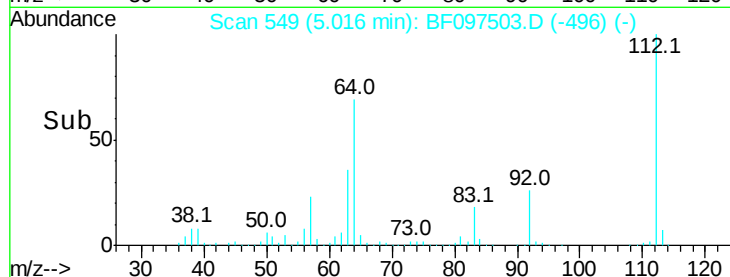
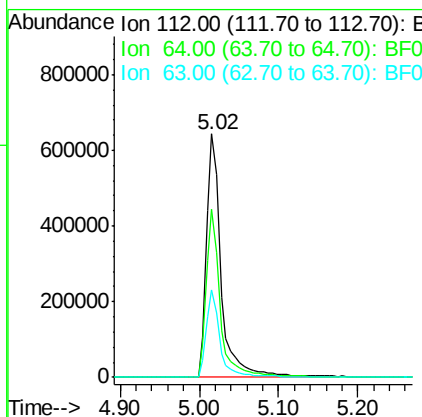
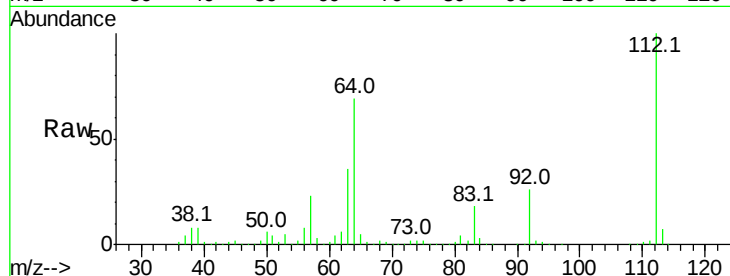
ClientSampleId :

PB101261BS

Tot Ion:	112	Resp:	843310
Ion Ratio		Lower	Upper
112	100		
64	69.2	46.0	69.0#
63	35.7	23.4	35.0#

Manual Integrations
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#6

Aniline

Concen: 18.493 ng

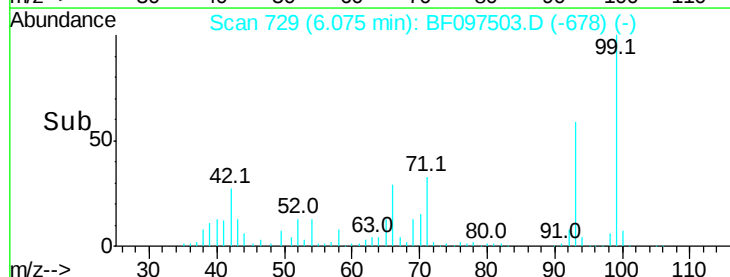
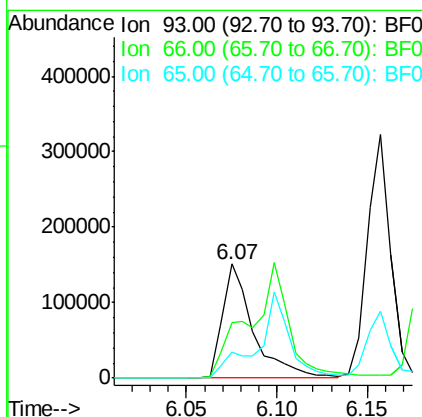
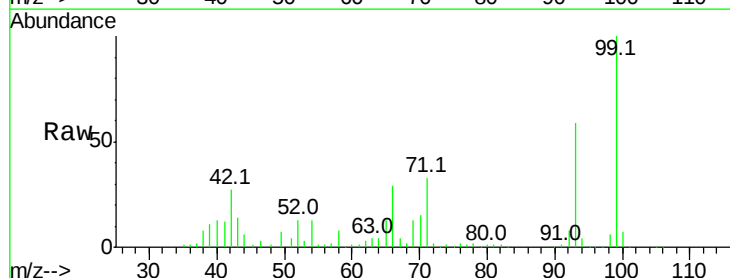
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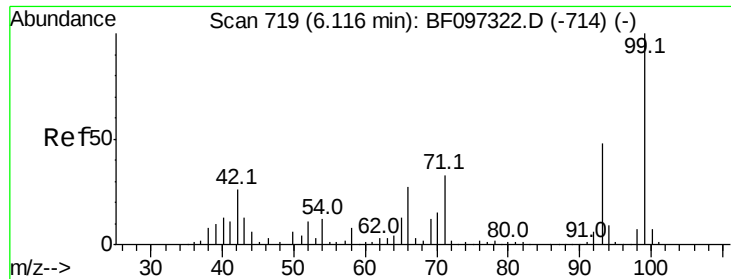
Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	93	Resp:	178927
Ion Ratio		Lower	Upper
93	100		
66	48.6	32.9	49.3
65	22.7	16.0	24.0





#7

Phenol-d6

Concen: 120.767 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

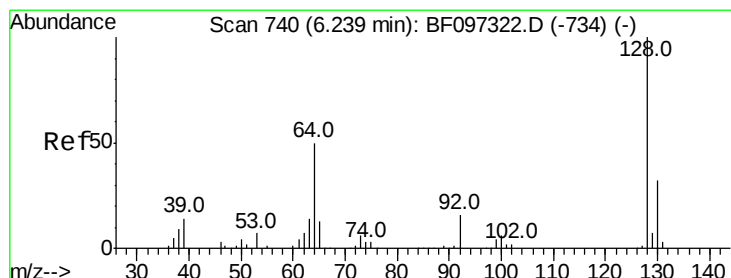
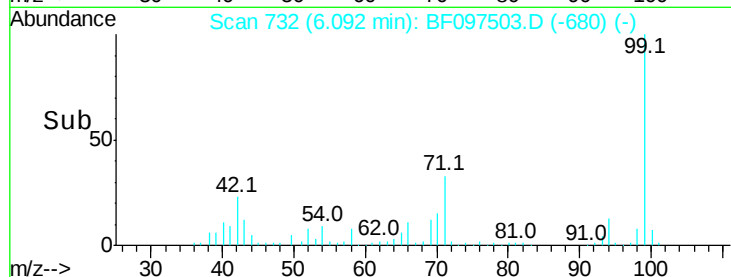
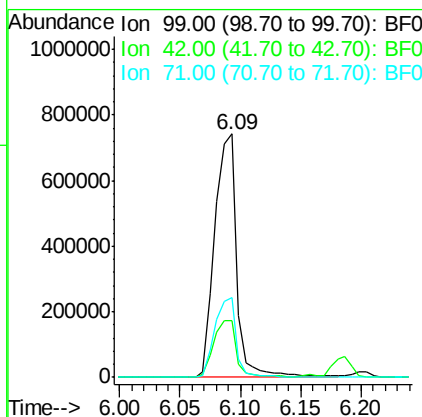
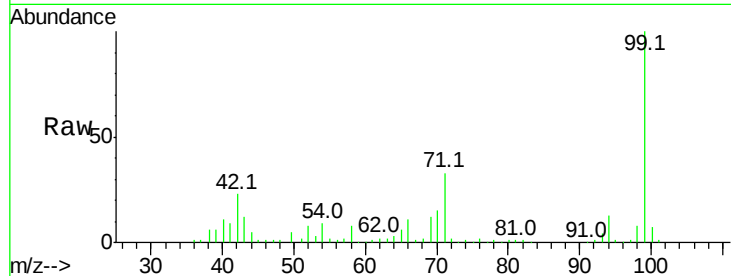
ClientSampled :

PB101261BS

Tot Ion:	99	Resp:	928542
Ion Ratio	Lower	Upper	
99	100		
42	23.5	13.5	20.3#
71	32.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 39.689 ng

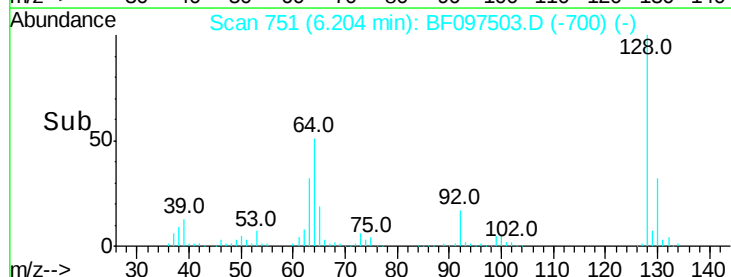
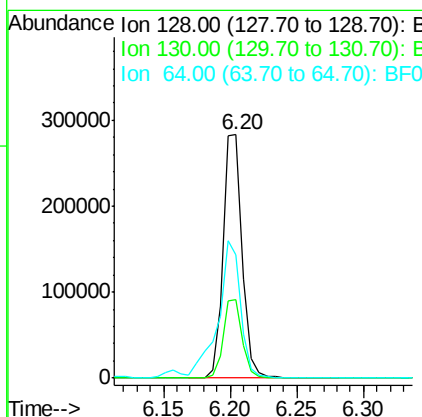
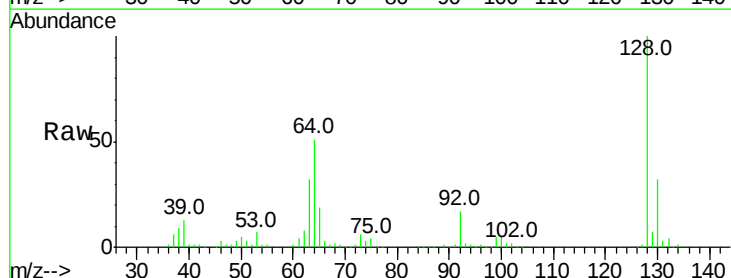
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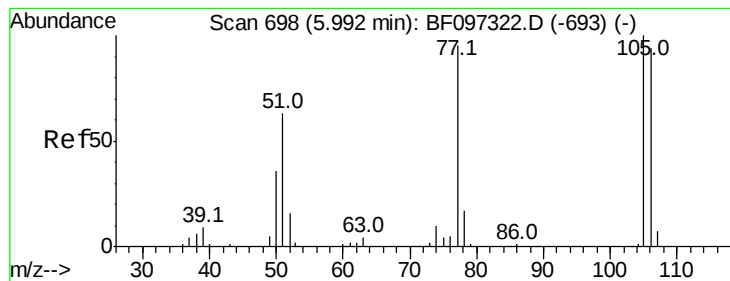
Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	128	Resp:	285823
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	50.7	28.4	68.4





#9

Benzaldehyde

Concen: 24.181 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleID :

PB101261BS

Tot Ion: 77 Resp: 110049

Ion Ratio Lower Upper

77 100

105 100.6 83.8 123.8

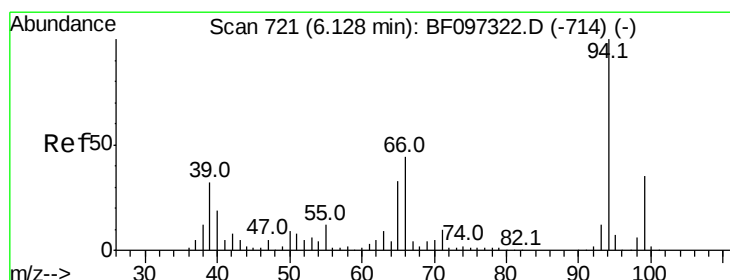
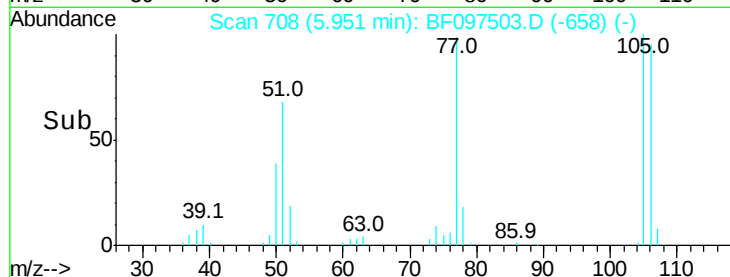
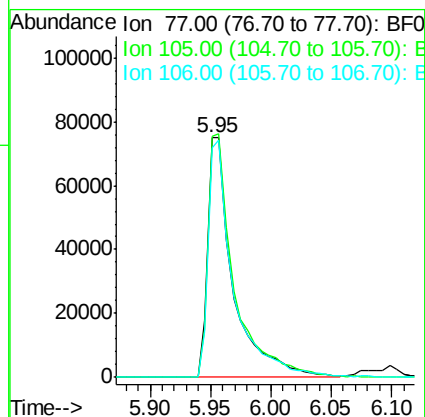
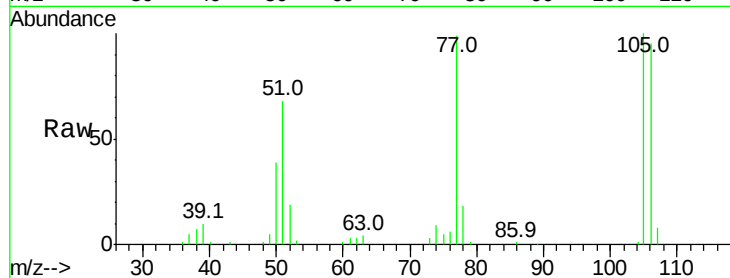
106 95.8 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 37.985 ng

RT: 6.10 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

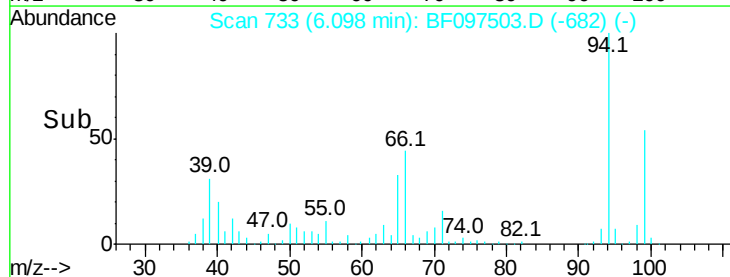
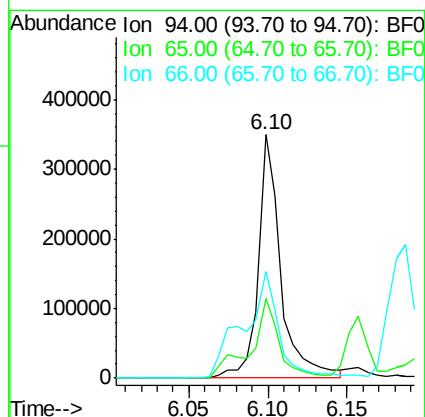
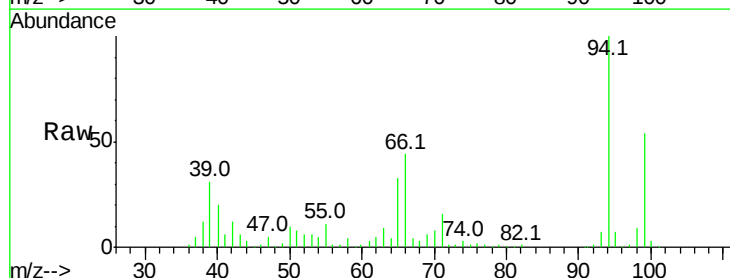
Tgt Ion: 94 Resp: 346418

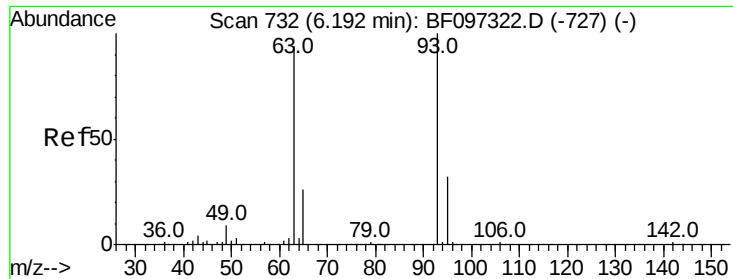
Ion Ratio Lower Upper

94 100

65 32.7 9.9 49.9

66 43.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.144 ng

RT: 6.16 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

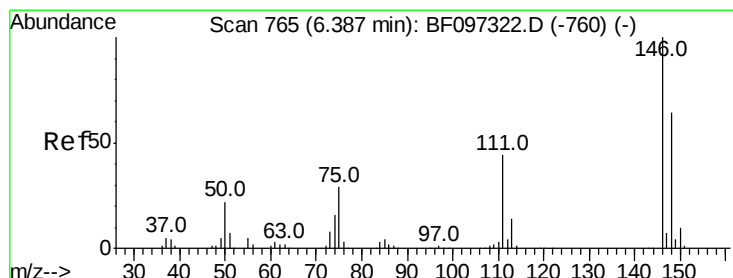
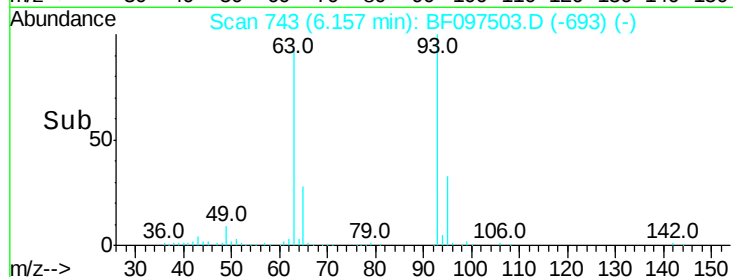
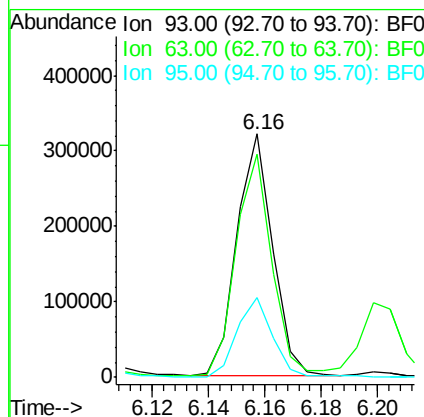
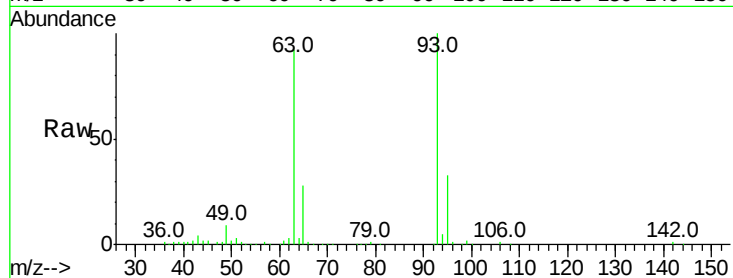
ClientSampleId :

PB101261BS

Tot Ion	93	Resp	282349
Ion Ratio	100	Lower	Upper
93	100		
63	91.7	59.2	99.2
95	32.6	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.306 ng

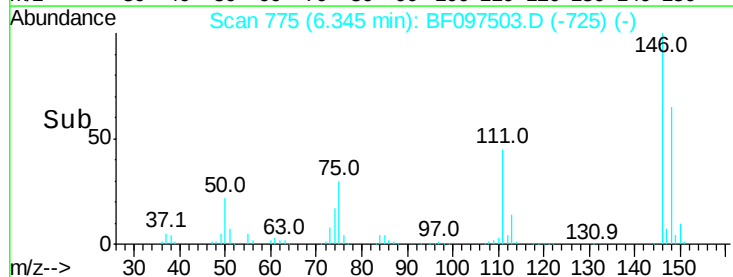
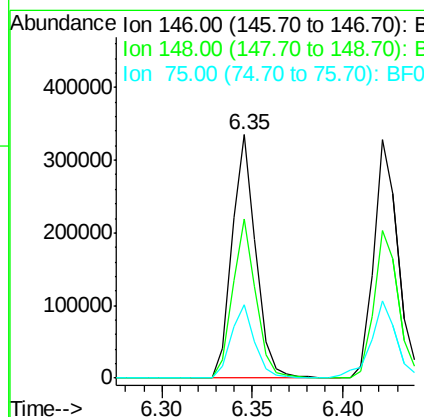
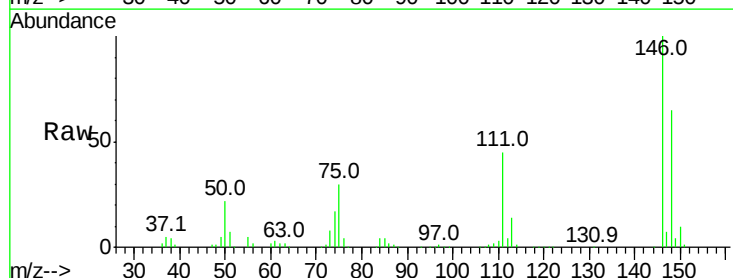
RT: 6.35 min Scan# 775

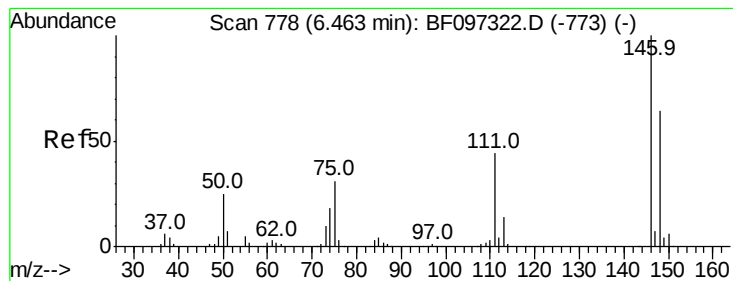
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion	146	Resp	305049
Ion Ratio	100	Lower	Upper
146	100		
148	65.1	51.8	77.6
75	30.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.315 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

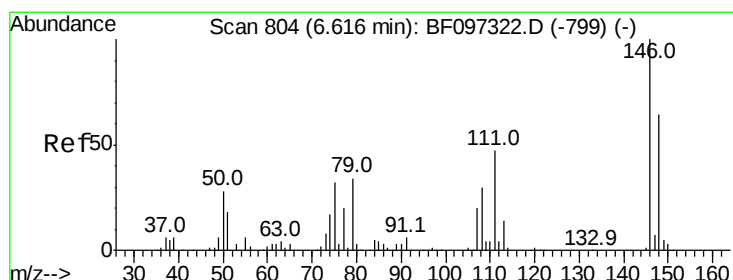
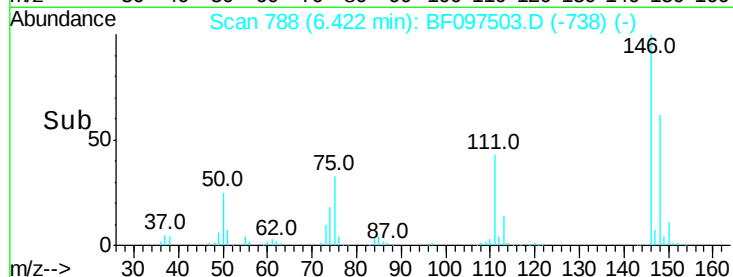
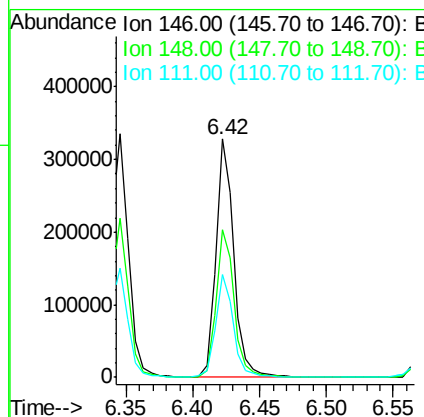
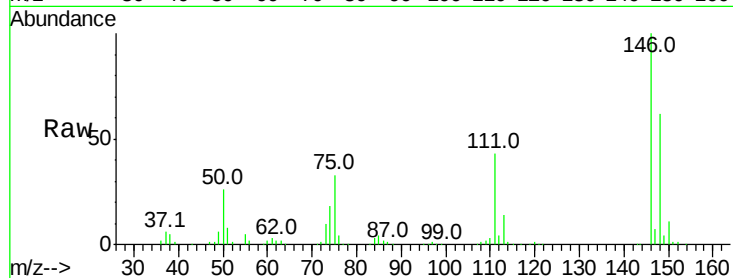
ClientSampled :

PB101261BS

Tot Ion:	146	Resp:	310068
Ion Ratio	Lower	Upper	
146	100		
148	62.1	52.2	78.2
111	43.2	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 39.569 ng

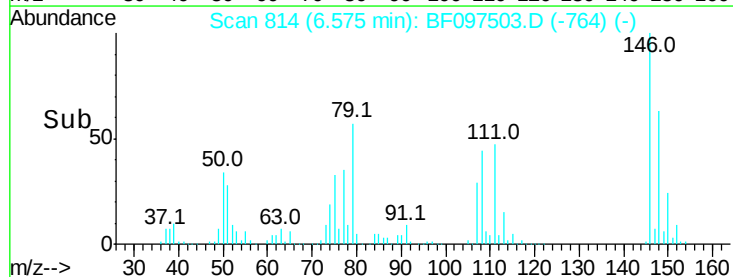
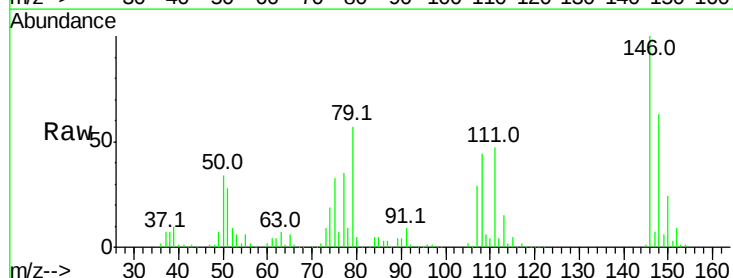
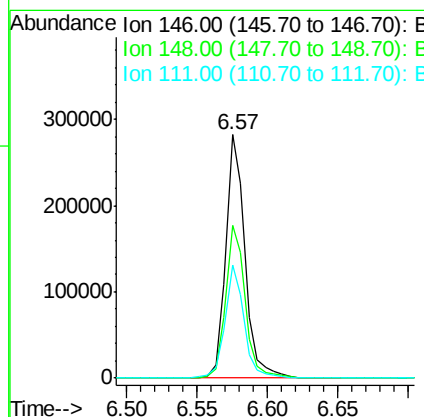
RT: 6.57 min Scan# 814

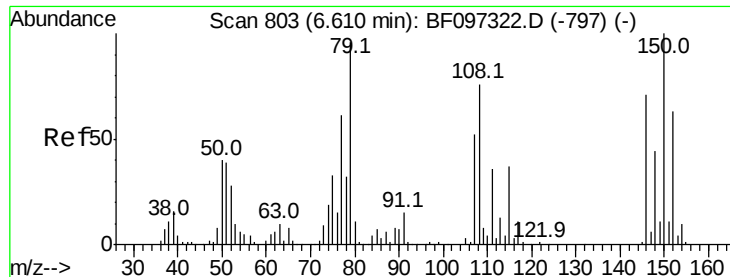
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	146	Resp:	265723
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.4	75.6
111	46.7	38.2	57.4





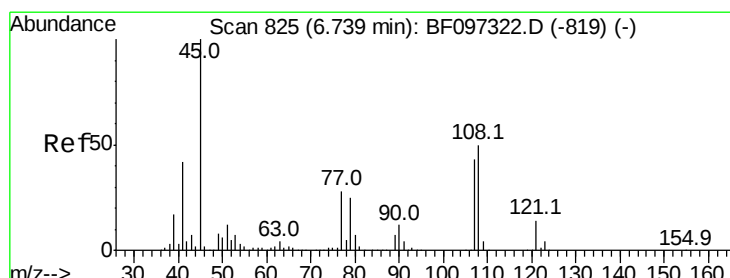
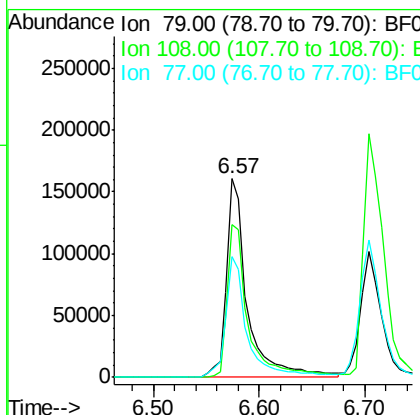
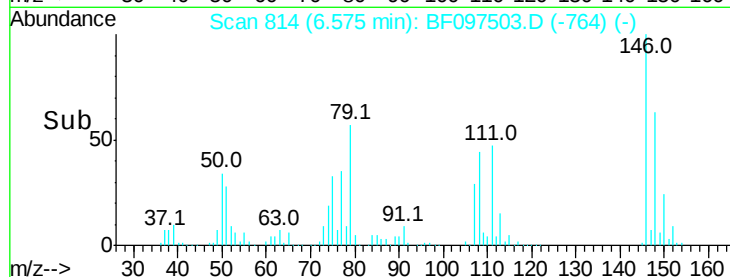
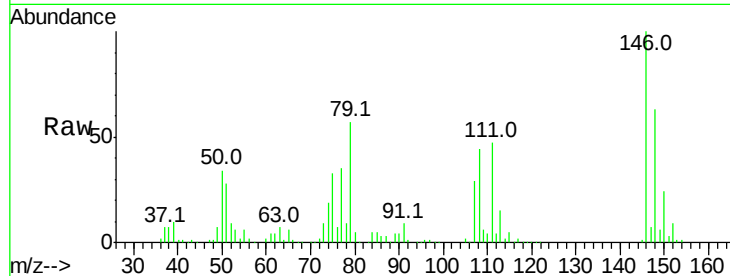
#15
Benzyl Alcohol
Concen: 45.228 ng
RT: 6.57 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampled :
PB101261BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	63.4	95.0
77	61.1	49.2	73.8

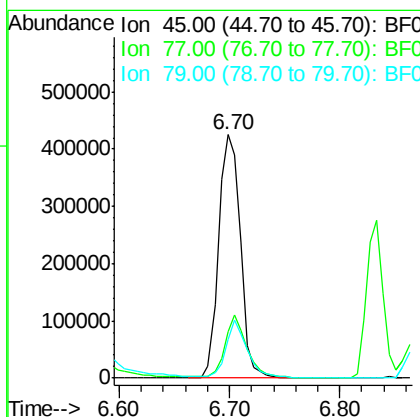
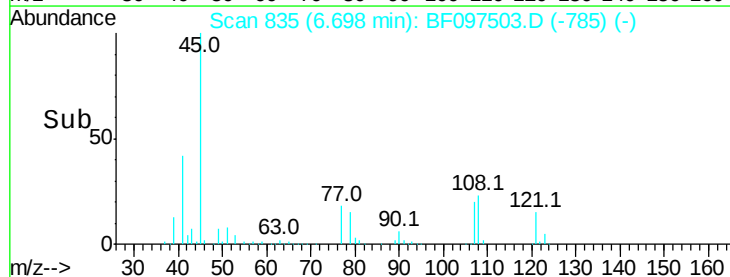
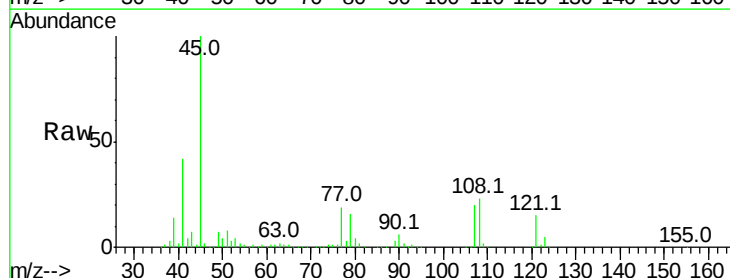
Manual Integrations
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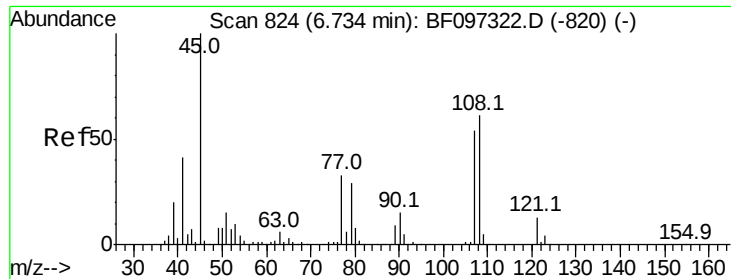
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.291 ng
RT: 6.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	33.2
79	16.1	0.0	30.0





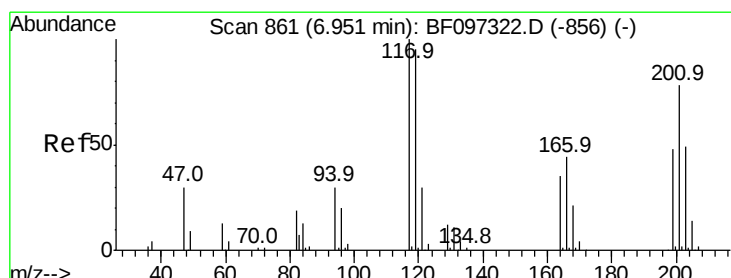
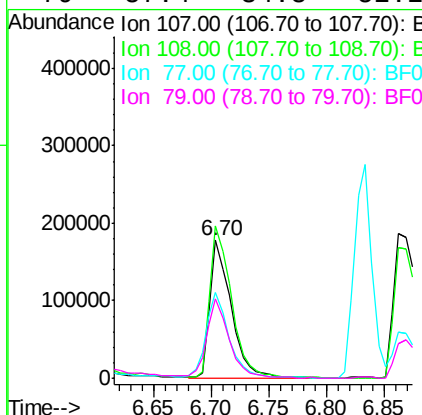
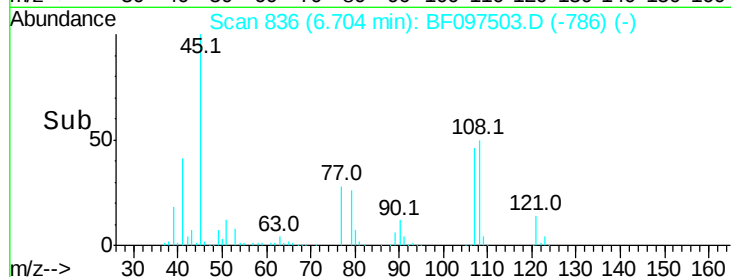
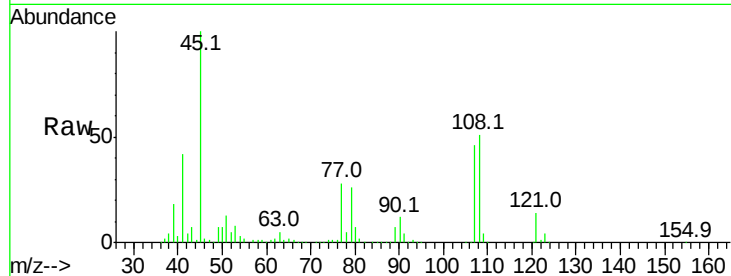
#17
2-Methylphenol
Concen: 41.065 ng
RT: 6.70 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampled :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	93.4	140.0	
77	62.2	35.8	53.6#	
79	57.4	34.8	52.2#	

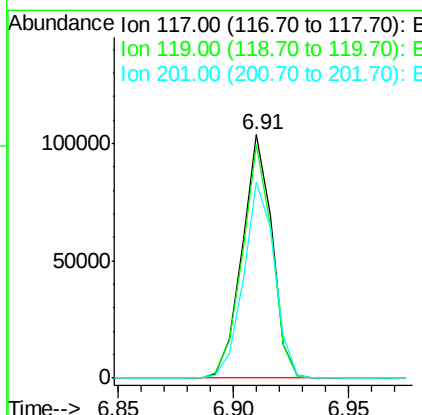
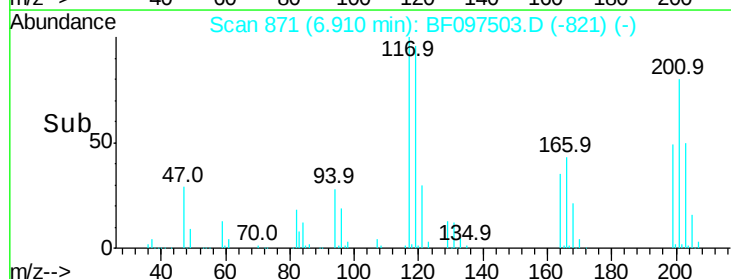
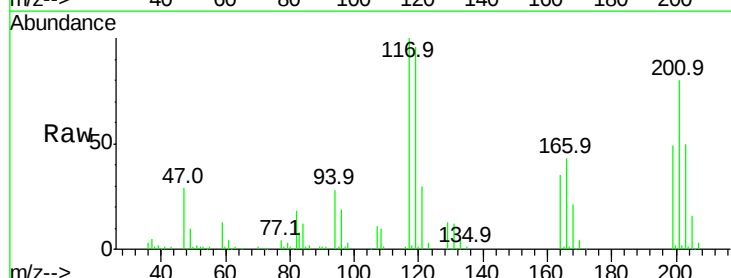
Manual Integrations
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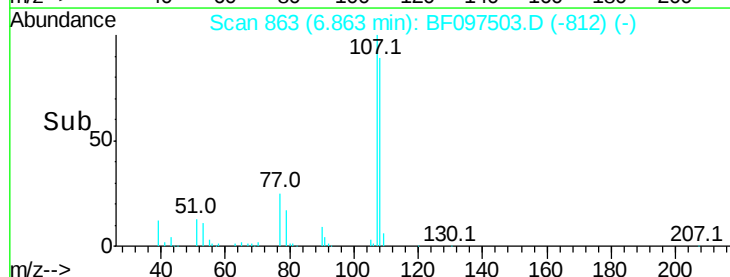
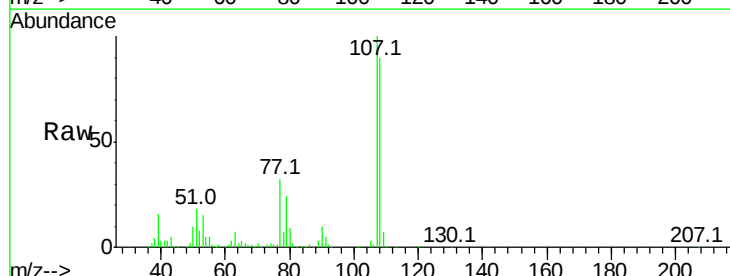
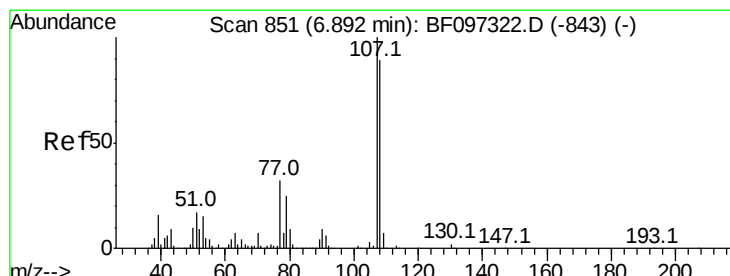
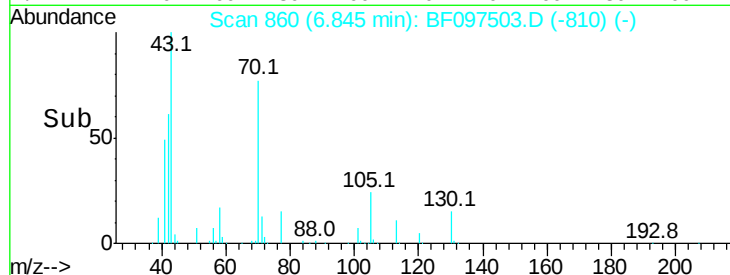
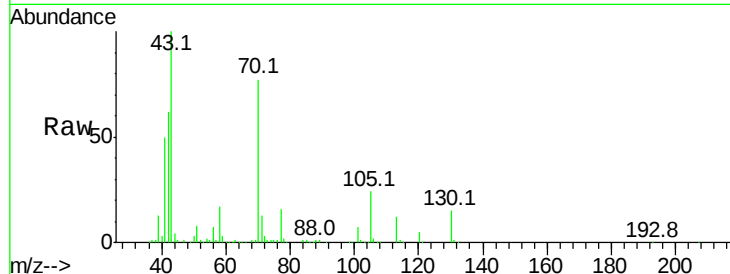
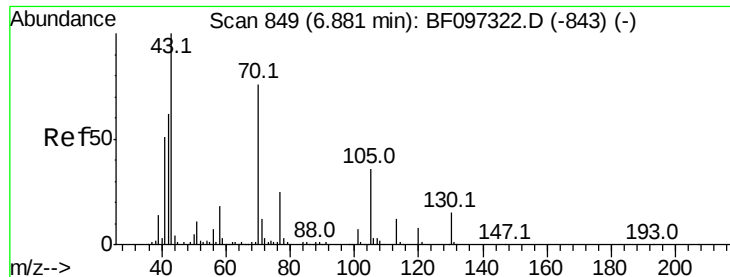
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#18
Hexachloroethane
Concen: 33.549 ng
RT: 6.91 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.4	116.0	
201	80.4	94.6	141.8#	





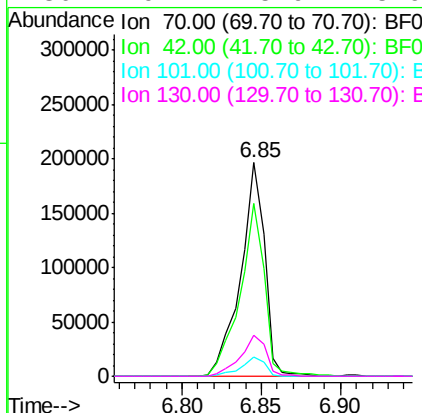
#19
n-Nitroso-di-n-propylamine
Concen: 40.919 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.7	47.2	70.8#
101	9.1	7.2	10.8
130	19.4	15.9	23.9

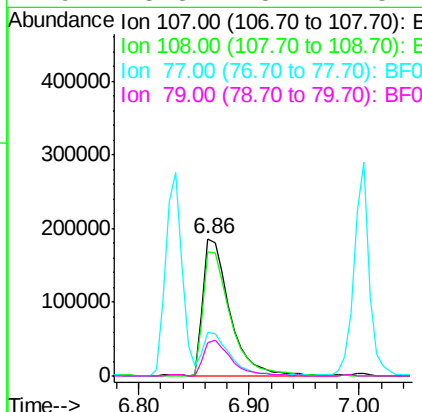
Manual Integrations
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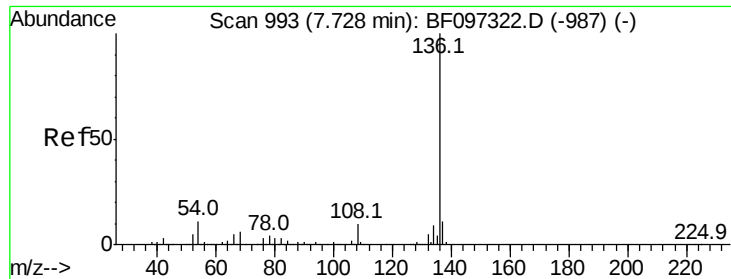
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#20
3+4-Methylphenols
Concen: 42.375 ng
RT: 6.86 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.0	111.0
77	31.7	90.5	130.5#
79	23.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

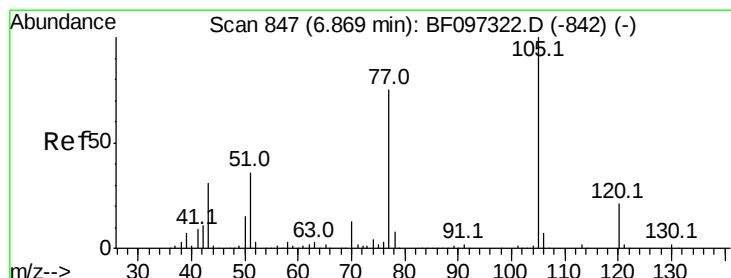
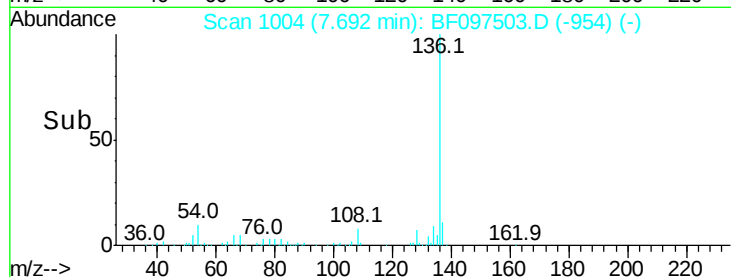
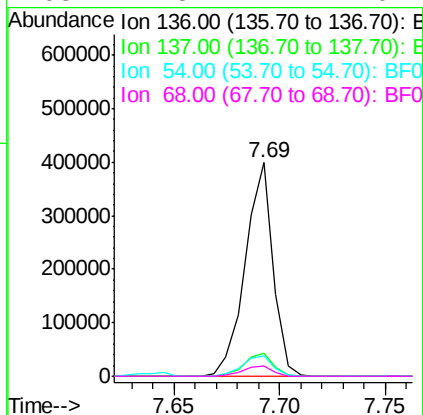
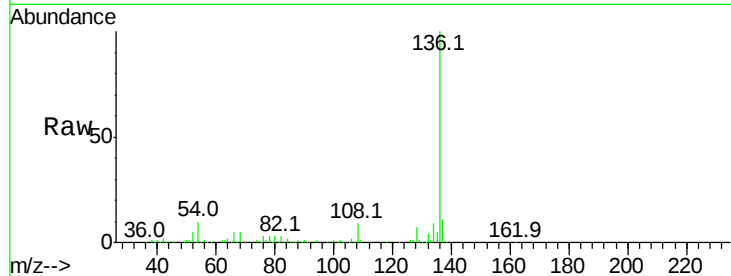
ClientSampleId :

PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	9.7	4.9	7.3	
68	4.8	4.1	6.1	

Manual Integrations
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#22

Acetophenone

Concen: 45.087 ng

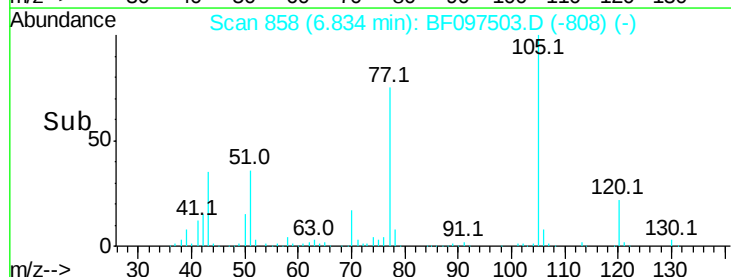
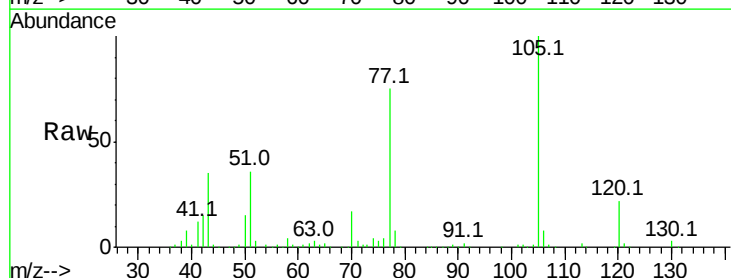
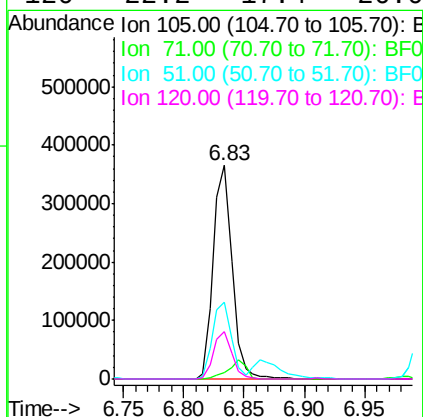
RT: 6.83 min Scan# 858

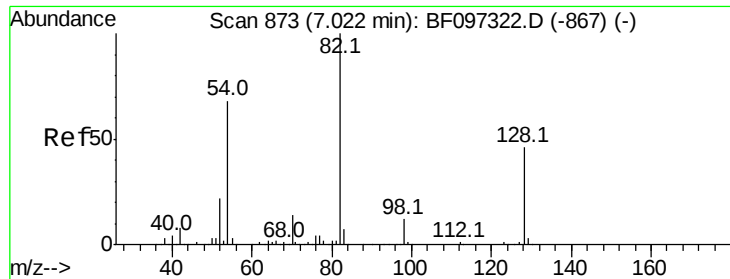
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	2.8	4.2	
51	36.0	30.7	46.1	
120	22.2	17.4	26.0	





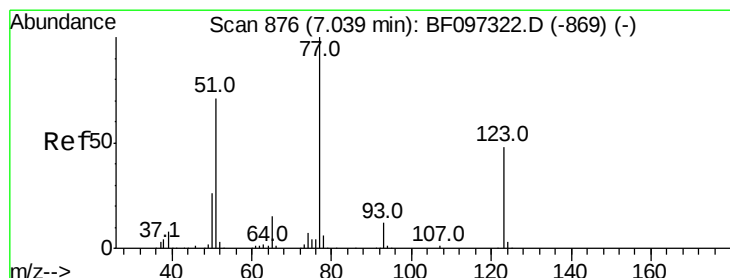
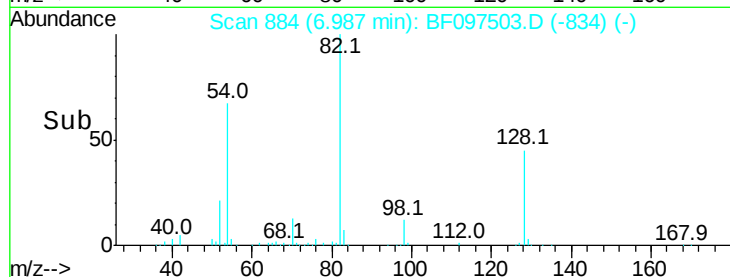
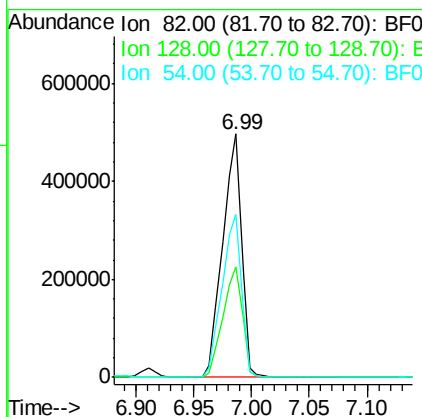
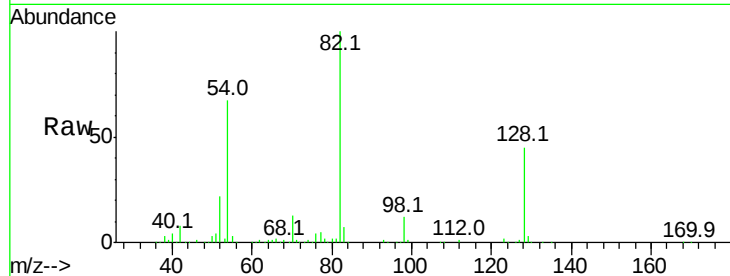
#23
Nitrobenzene-d5
Concen: 91.077 ng
RT: 6.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	34.0	51.0	
54	67.2	42.2	63.2	

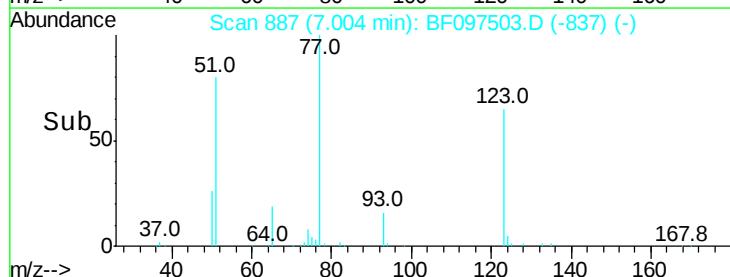
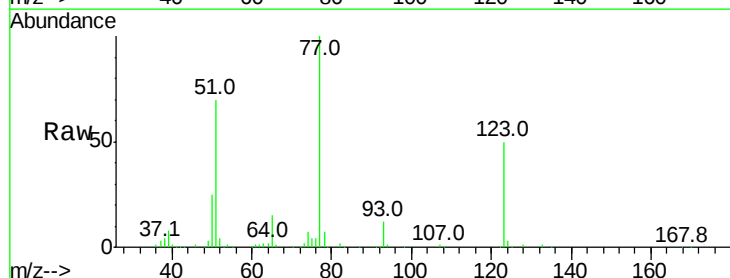
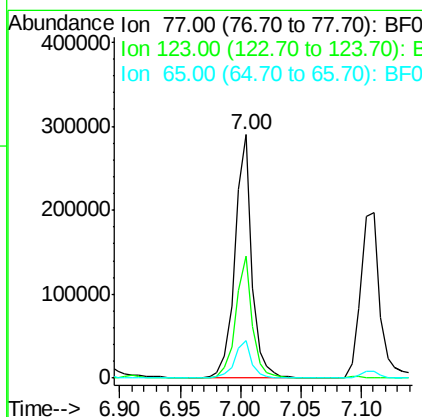
Manual Integrations
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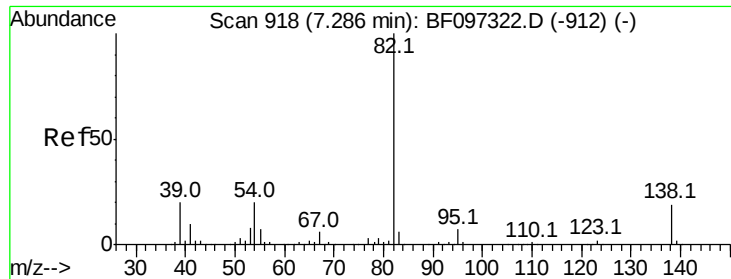
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#24
Nitrobenzene
Concen: 43.560 ng
RT: 7.00 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.2	35.8	53.8	
65	15.3	10.6	15.8	





#25

Isophorone

Concen: 38.621 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

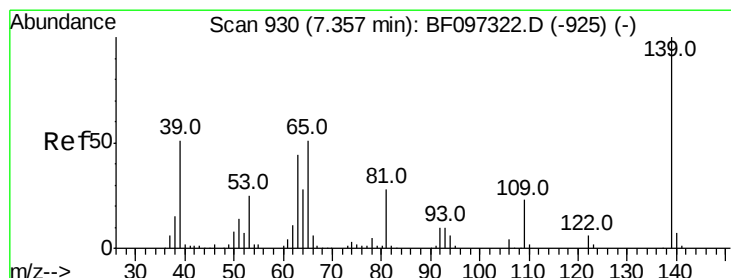
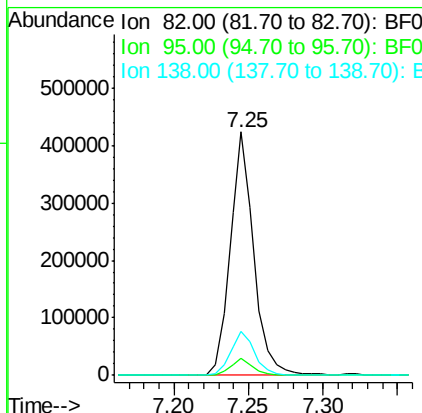
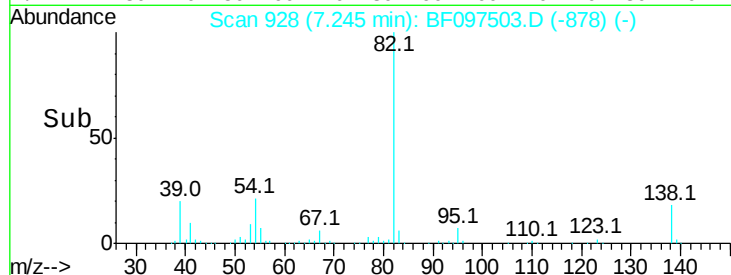
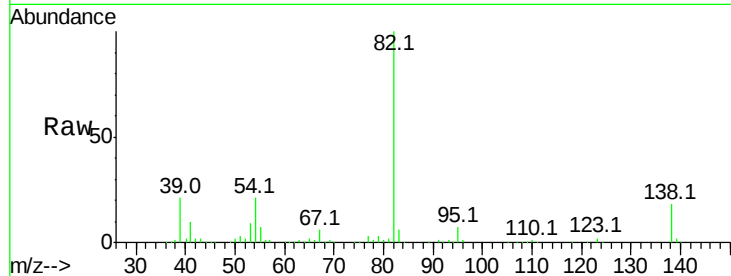
ClientSampleId :

PB101261BS

Tot Ion:	82	Resp:	469017
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	18.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.703 ng

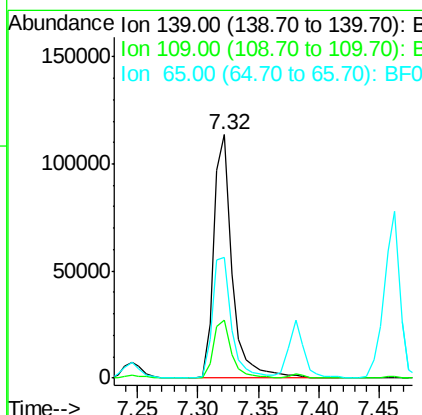
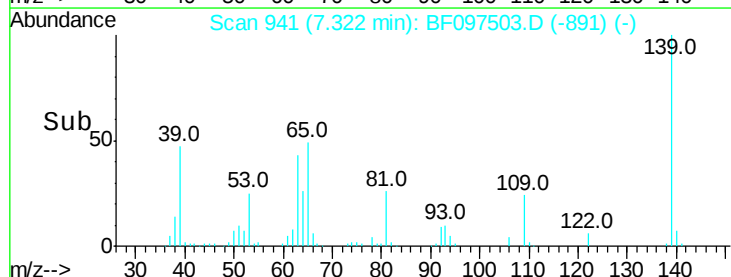
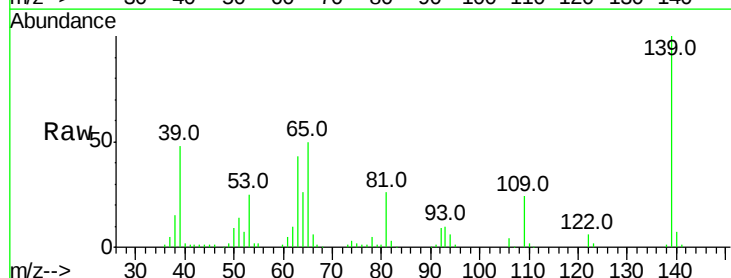
RT: 7.32 min Scan# 941

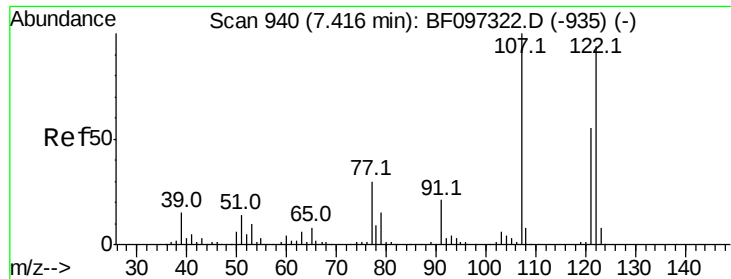
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	139	Resp:	117758
Ion Ratio		Lower	Upper
139	100		
109	24.0	21.0	31.6
65	49.8	33.0	49.6#





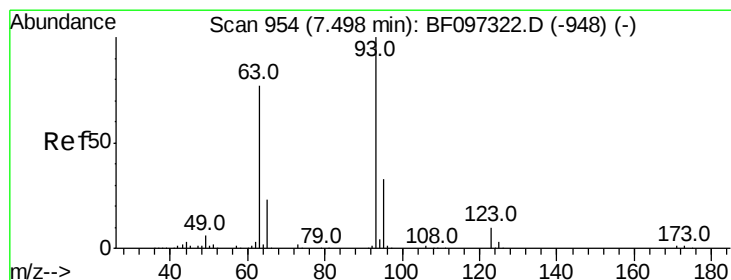
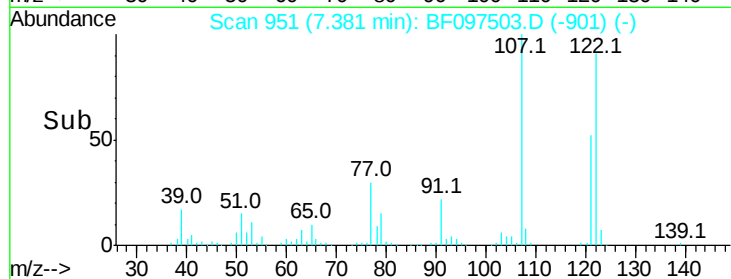
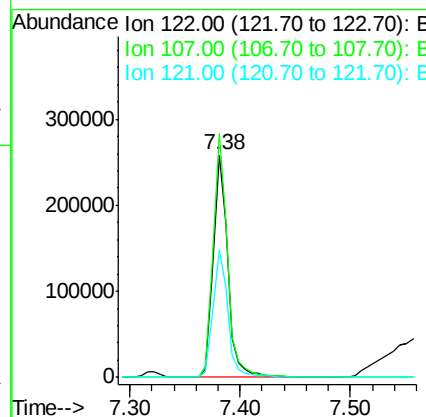
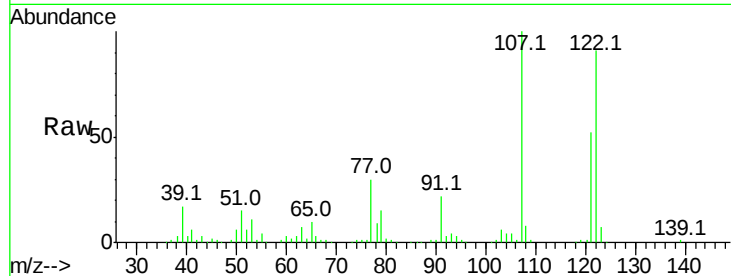
#27
 2,4-Dimethylphenol
 Concen: 39.905 ng
 RT: 7.38 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	230002		
107	109.7	89.2	133.8	
121	57.6	45.2	67.8	

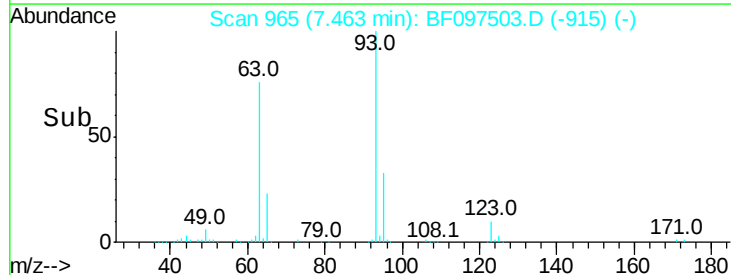
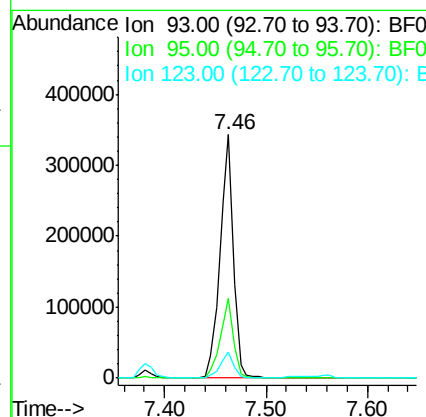
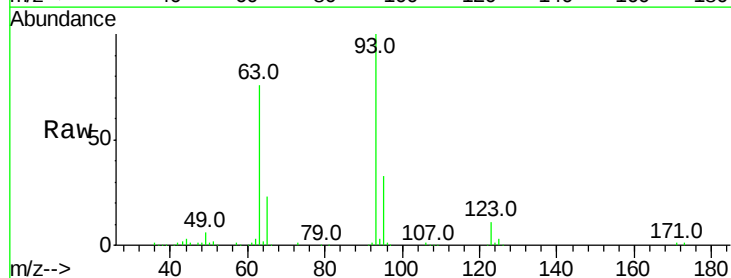
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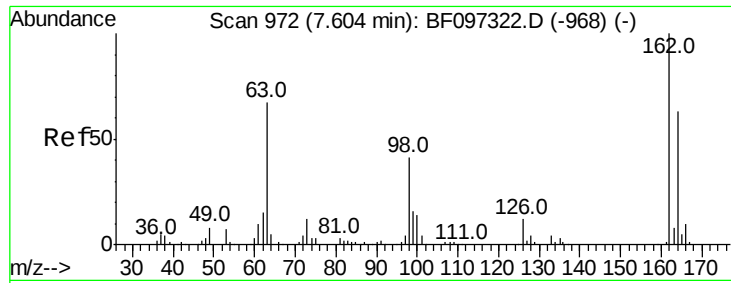
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.720 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	314781		
95	32.9	26.5	39.7	
123	10.5	9.0	13.4	





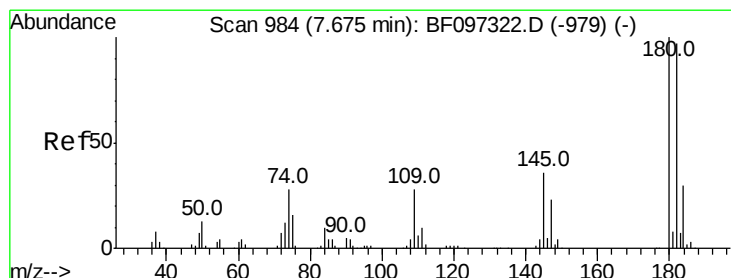
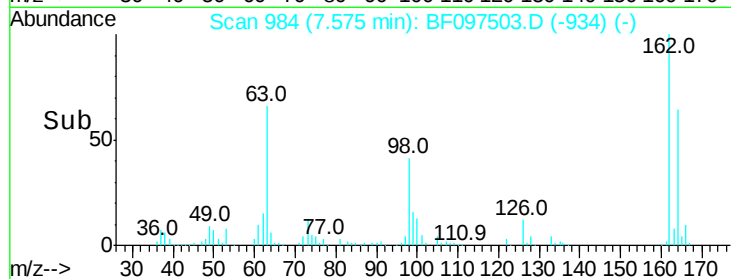
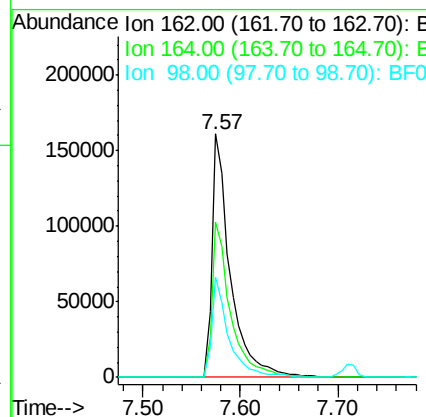
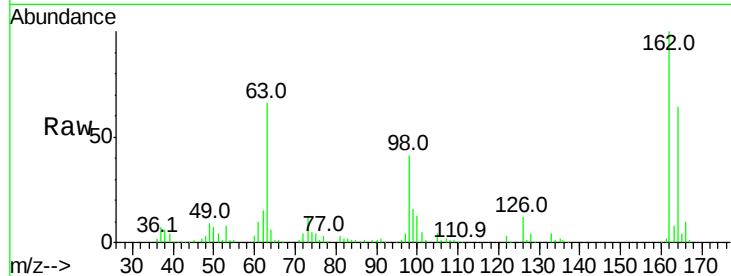
#29
 2,4-Dichlorophenol
 Concen: 42.018 ng
 RT: 7.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion:	162	Resp:	208633
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	41.0	14.8	54.8

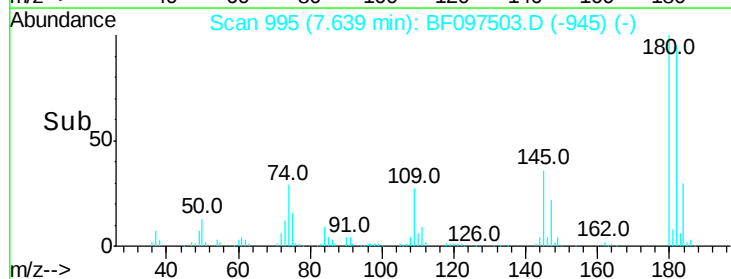
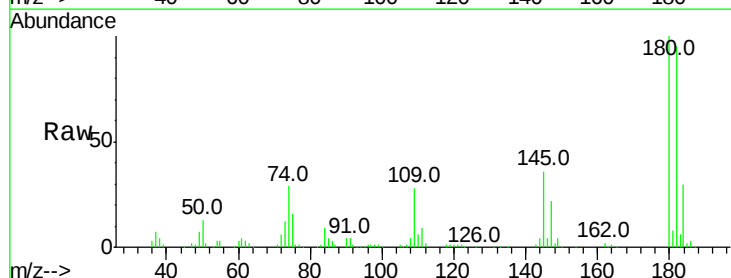
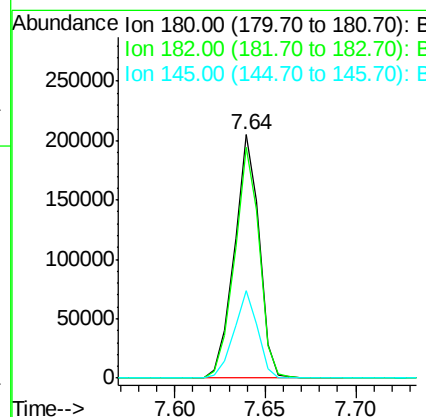
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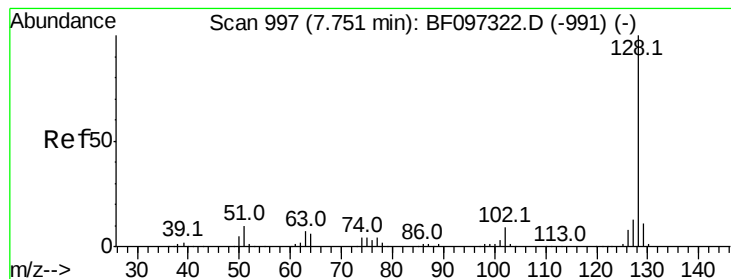
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.202 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:	180	Resp:	195000
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.8	113.6
145	35.8	25.3	37.9





#31

Naphthalene

Concen: 41.663 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

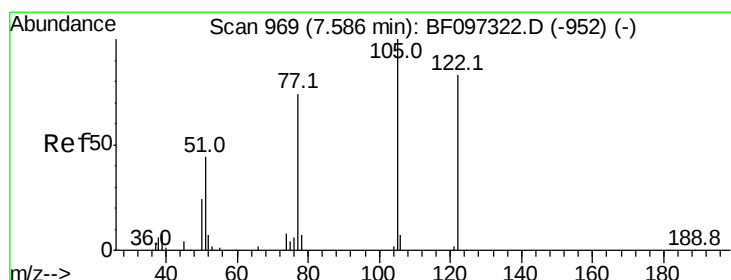
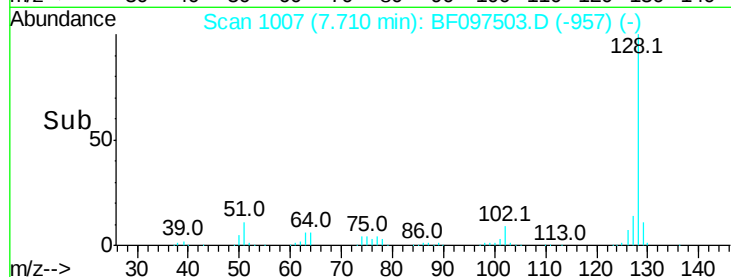
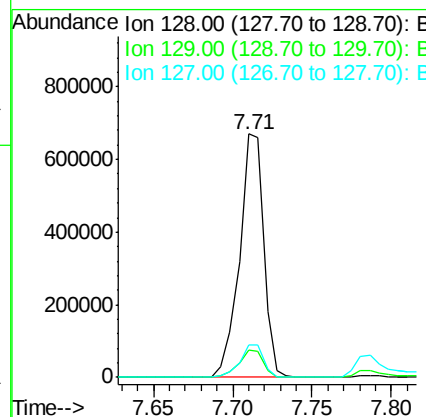
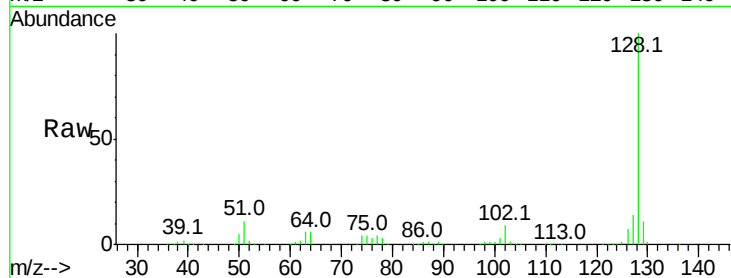
ClientSampleId :

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Tot Ion:	128	Resp:	714443
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

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#32

Benzoic acid

Concen: 25.520 ng

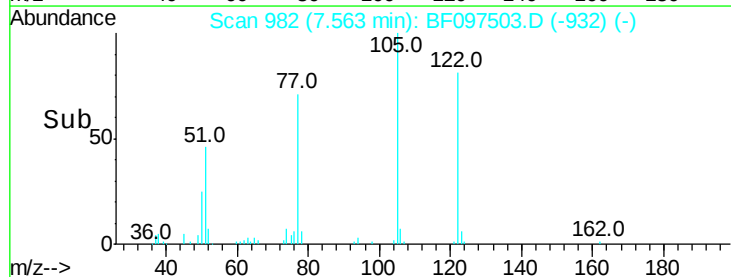
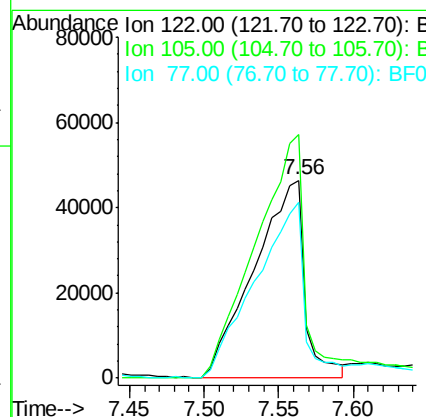
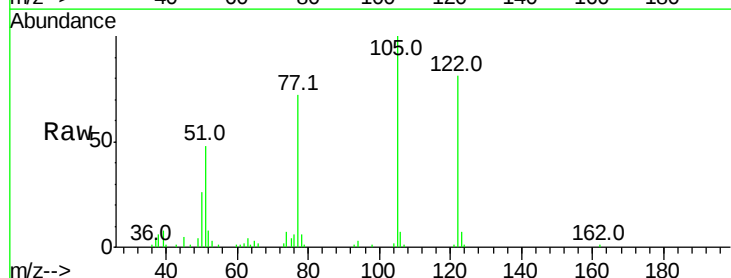
RT: 7.56 min Scan# 982

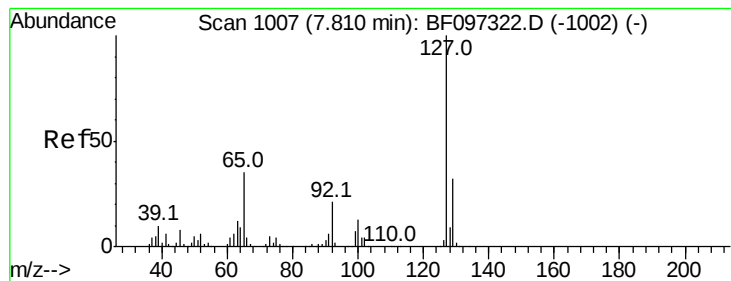
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	122	Resp:	109836
Ion Ratio	Lower	Upper	
122	100		
105	123.0	103.3	143.3
77	89.0	73.7	113.7





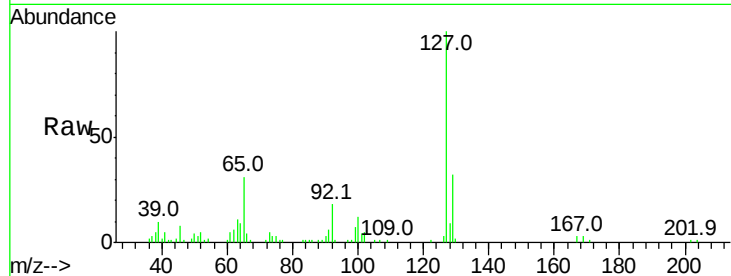
#33
4-Chloroaniline
Concen: 14.846 ng
RT: 7.79 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

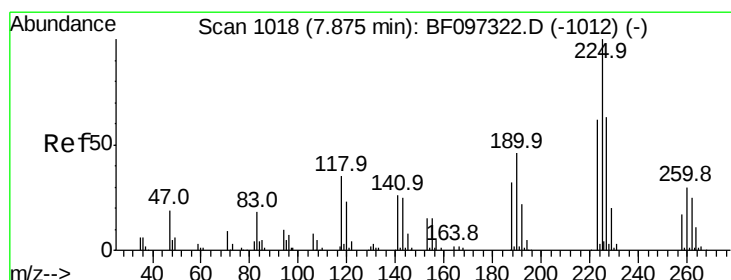
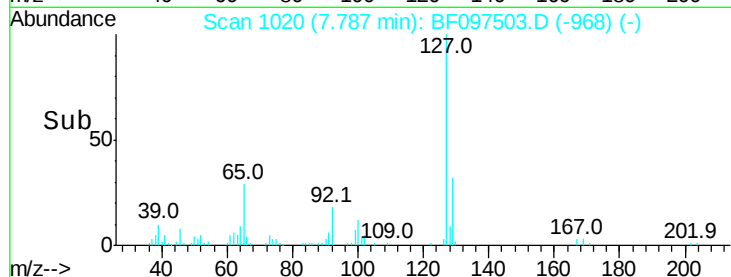
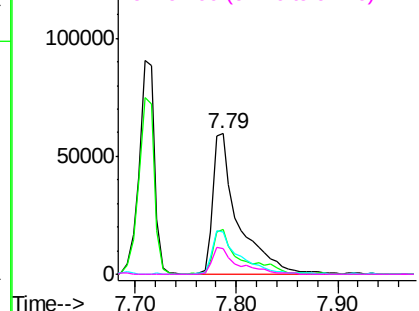
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.2		
65	30.5	27.8	41.8		
92	18.3	16.8	25.2		

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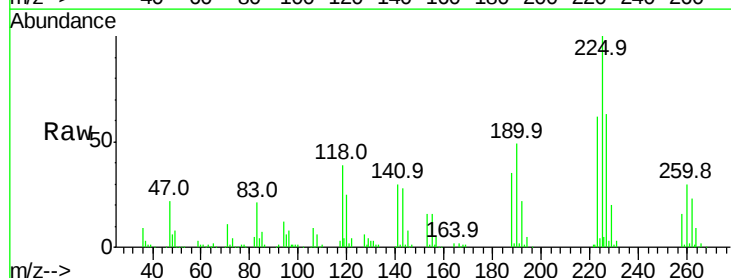


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

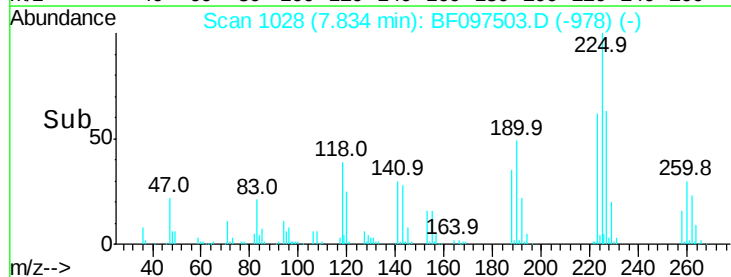
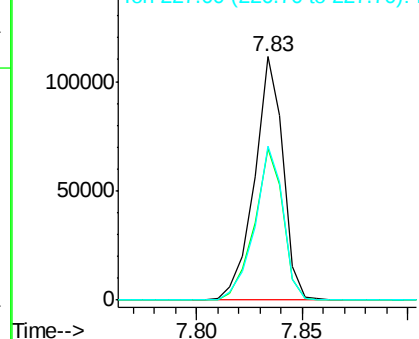


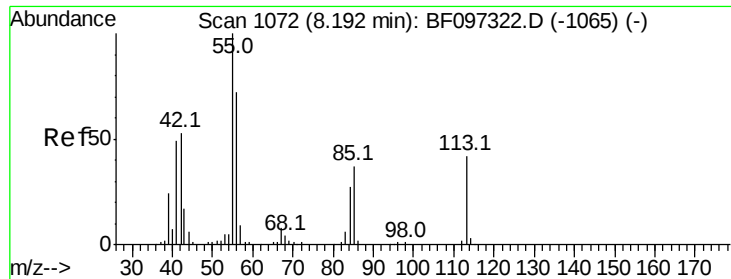
#34
Hexachlorobutadiene
Concen: 41.697 ng
RT: 7.83 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	48.8	73.2		
227	63.0	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





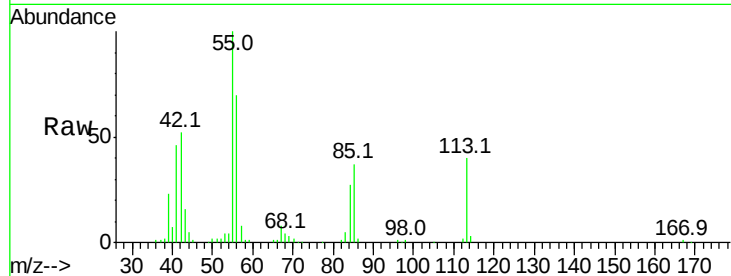
#35
 Caprolactam
 Concen: 47.807 ng
 RT: 8.16 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampled :
 PB101261BS

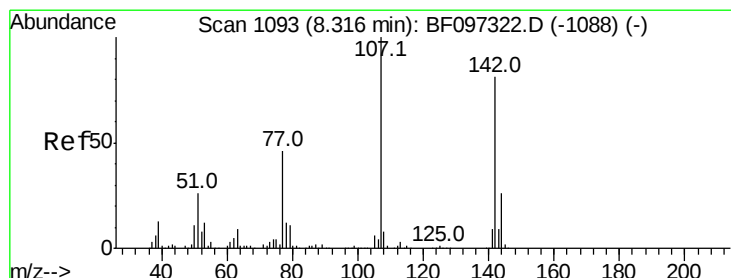
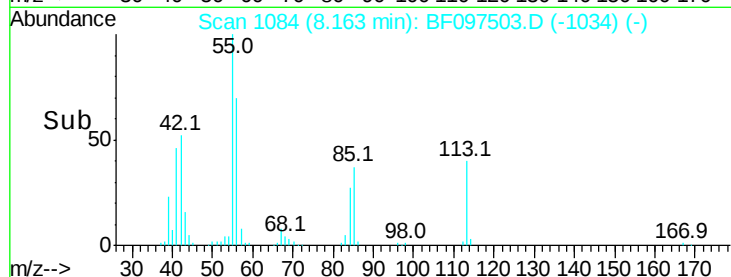
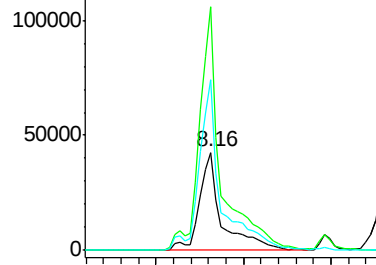
Tot Ion:113 Resp: 76117
 Ion Ratio Lower Upper
 113 100
 55 248.3 150.2 190.2#
 56 173.8 107.8 147.8#

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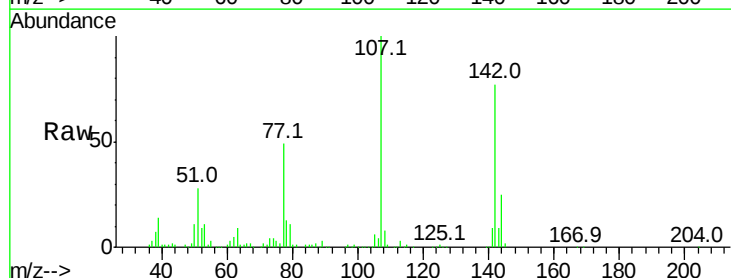


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

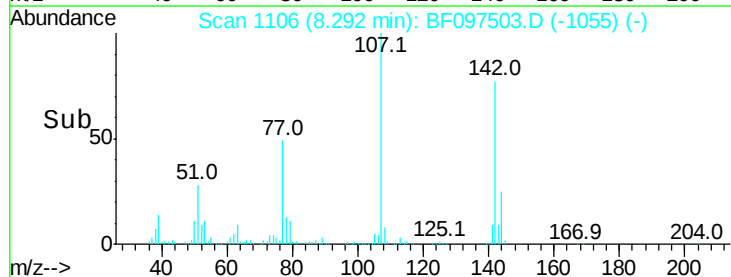
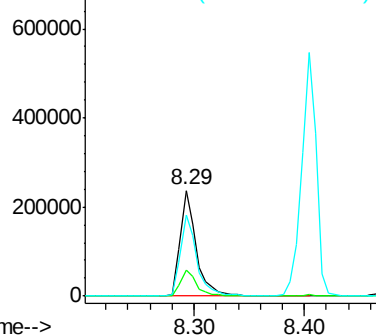


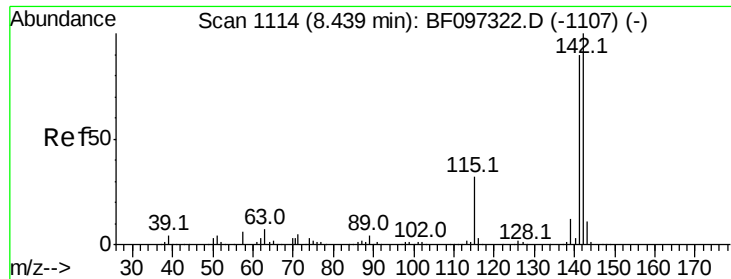
#36
 4-Chloro-3-methylphenol
 Concen: 43.092 ng
 RT: 8.29 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:107 Resp: 233432
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 76.6 73.4 110.0



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





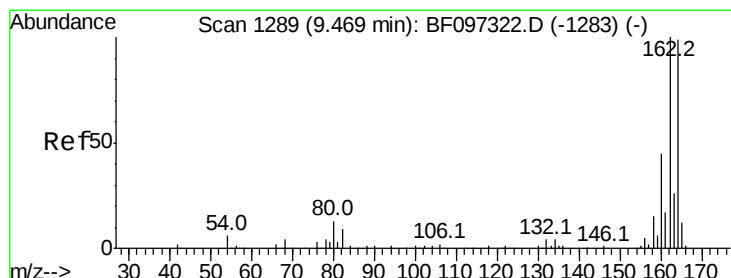
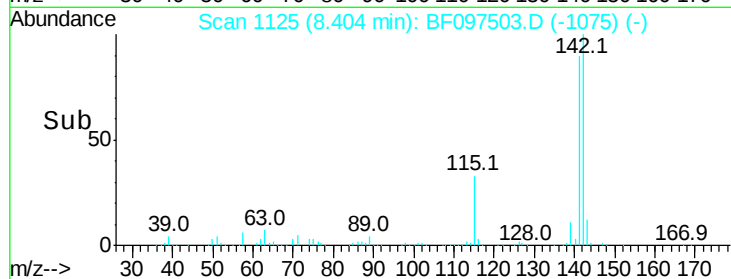
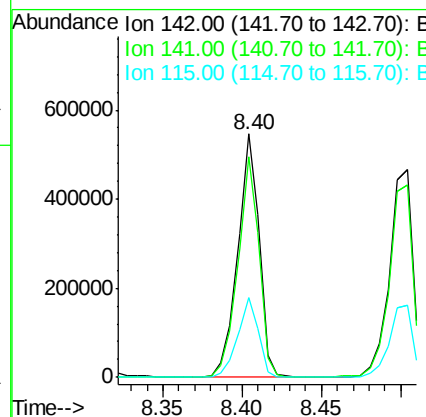
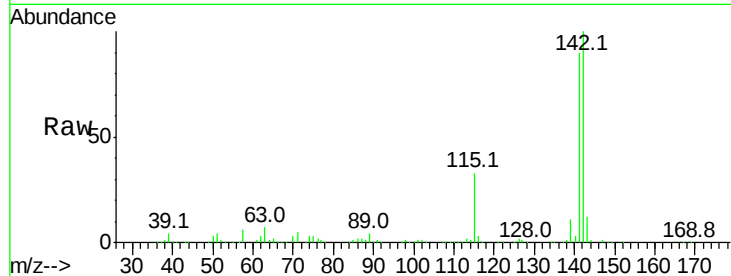
#37
2-Methylnaphthalene
Concen: 47.055 ng
RT: 8.40 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	510897		
141	90.5	71.3	106.9	
115	32.8	27.1	40.7	

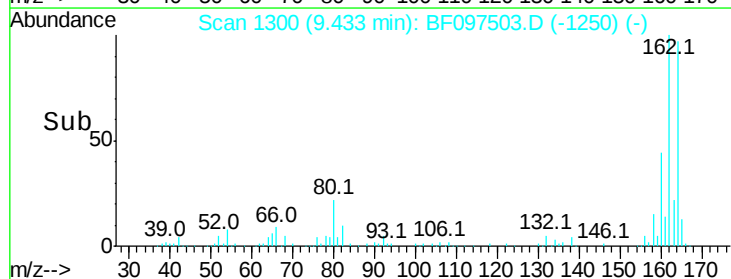
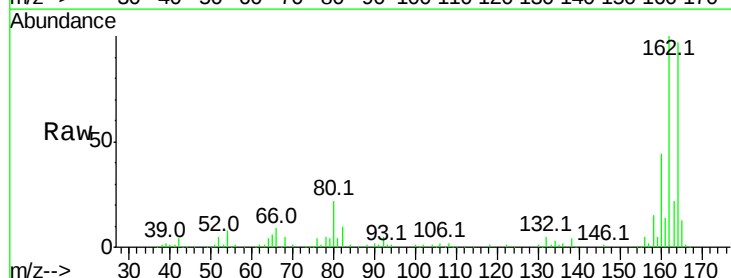
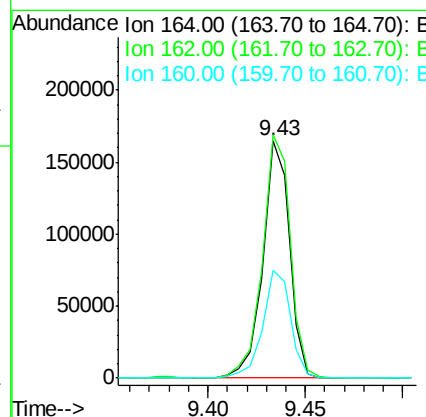
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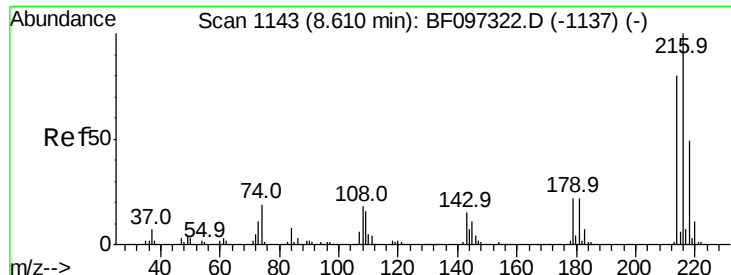
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156546		
162	102.6	82.6	123.8	
160	45.3	36.2	54.2	





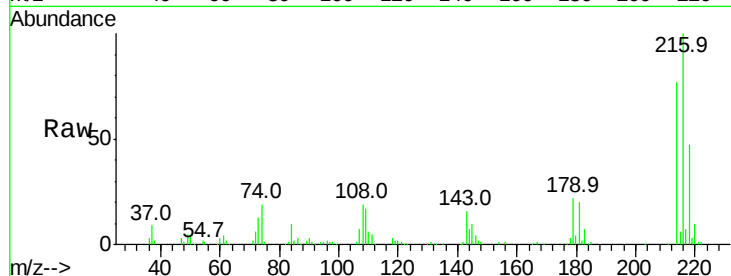
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.828 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

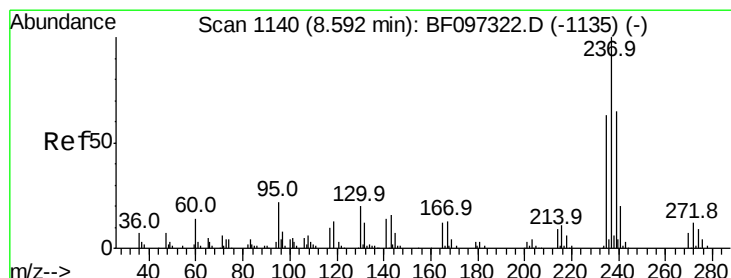
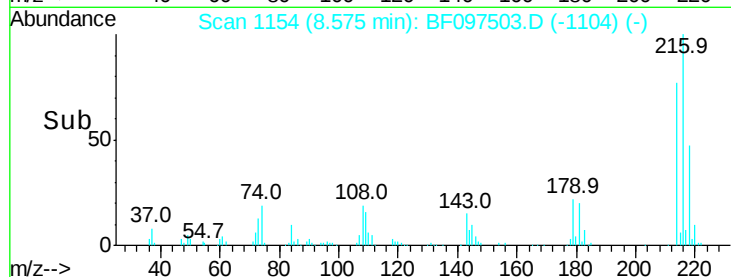
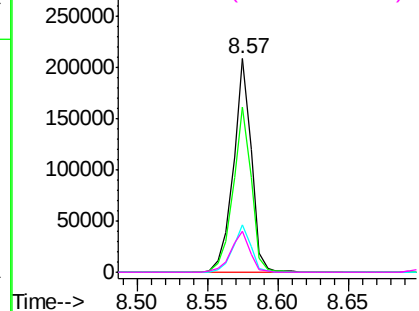
Tot Ion	Ratio	Resp	Lower	Upper
216	100	183072		
214	78.3	63.4	95.2	
179	22.5	17.9	26.9	
108	20.3	16.5	24.7	

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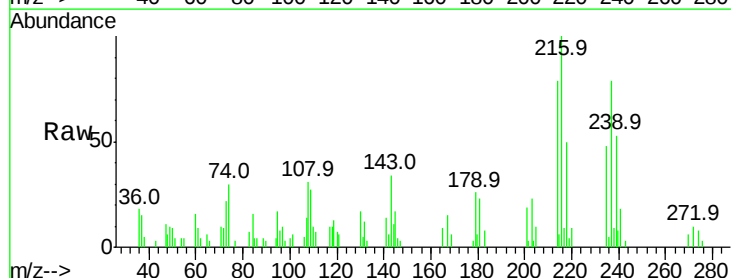


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

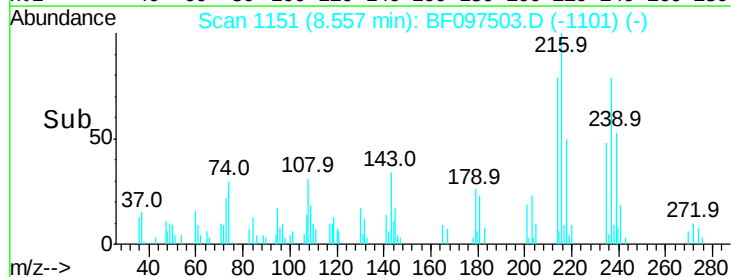
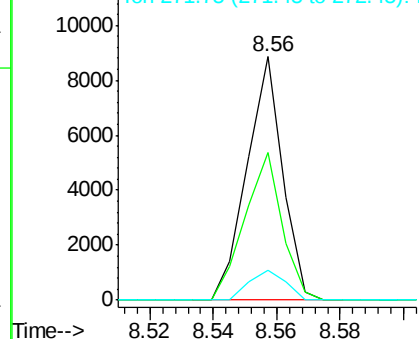


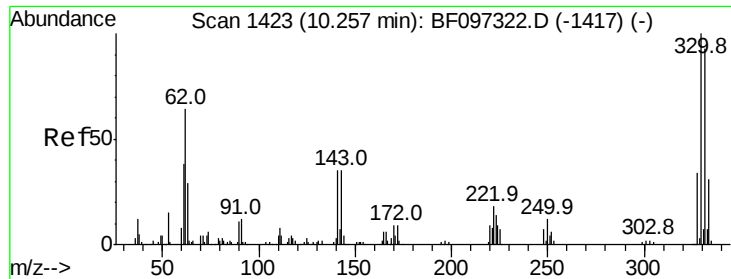
#40
 Hexachlorocyclopentadiene
 Concen: 10.936 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	6915		
235	60.8	42.6	82.6	
272	12.3	0.0	31.9	



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





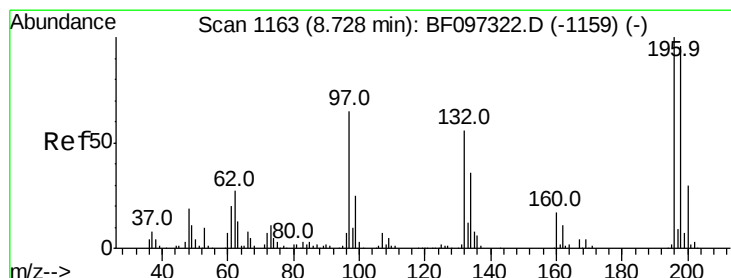
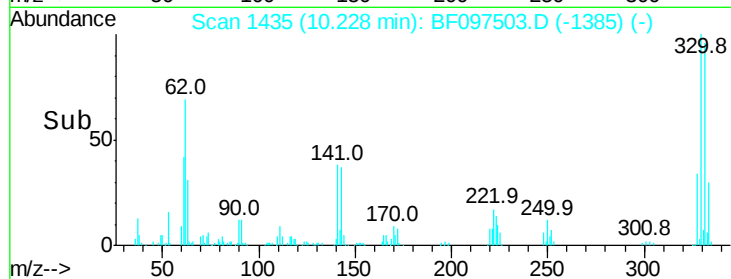
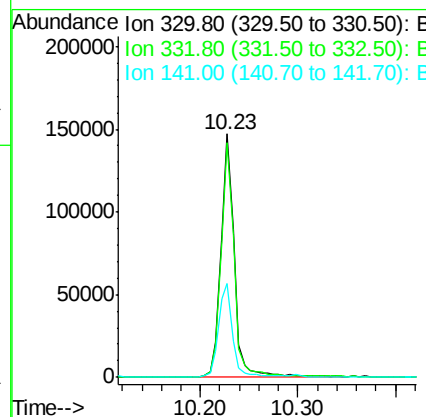
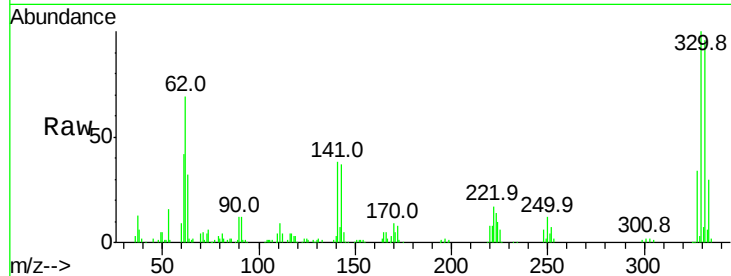
#41
 2,4,6-Tribromophenol
 Concen: 114.757 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.7	76.6	115.0	
141	40.0	31.4	47.2	

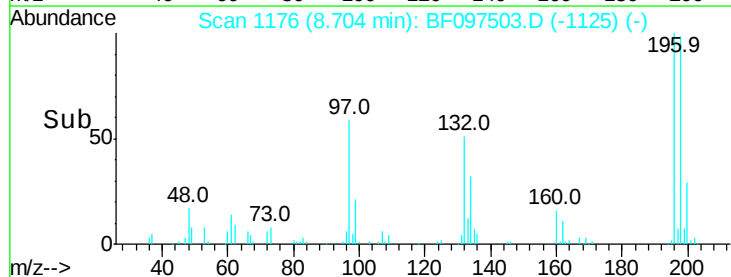
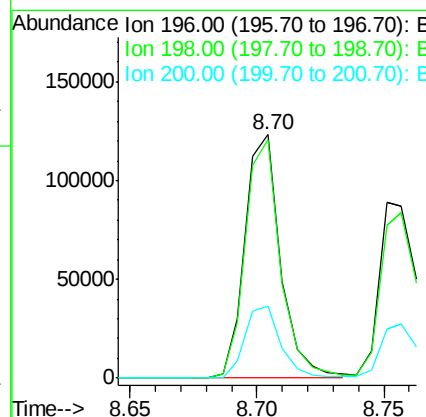
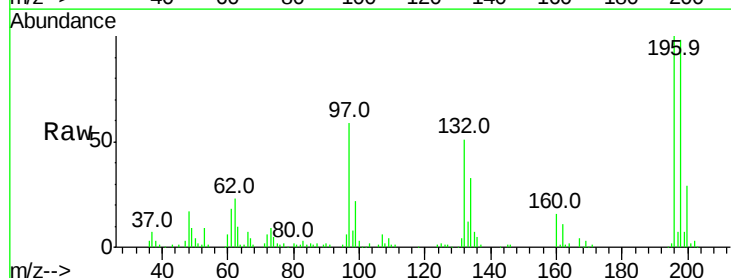
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#42
 2,4,6-Trichlorophenol
 Concen: 39.921 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	74.2	111.4	
200	29.5	24.0	36.0	





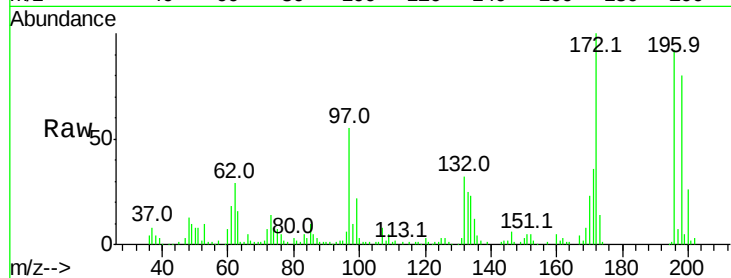
#43
 2,4,5-Trichlorophenol
 Concen: 37.783 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

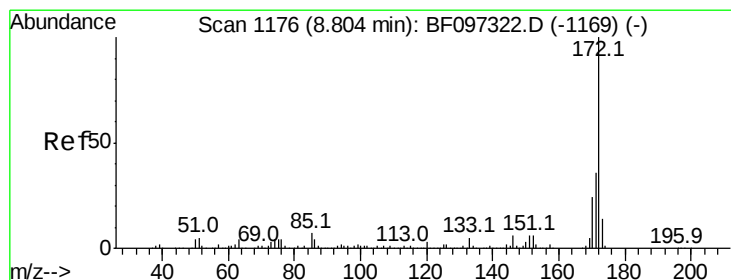
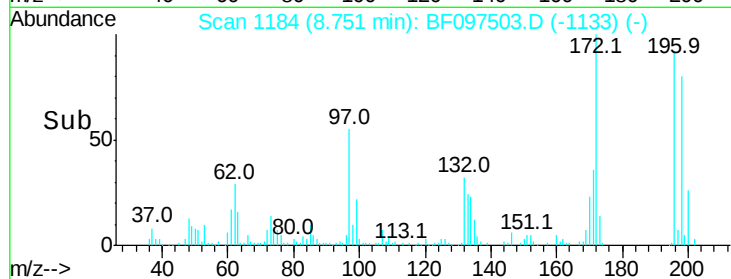
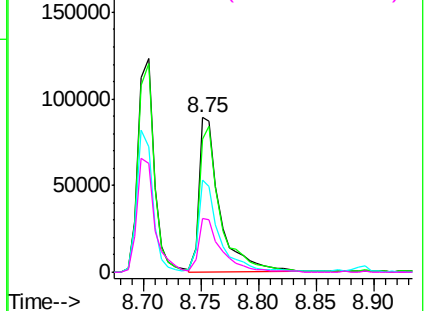
Tot Ion	196	Resp	114473
Ion Ratio	Lower	Upper	
196	100		
198	86.5	75.7	113.5
97	59.7	47.7	71.5
132	34.9	28.0	42.0

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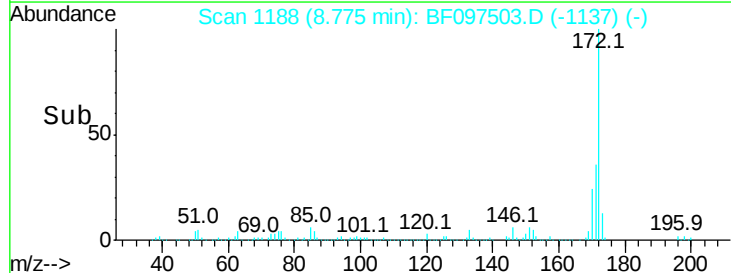
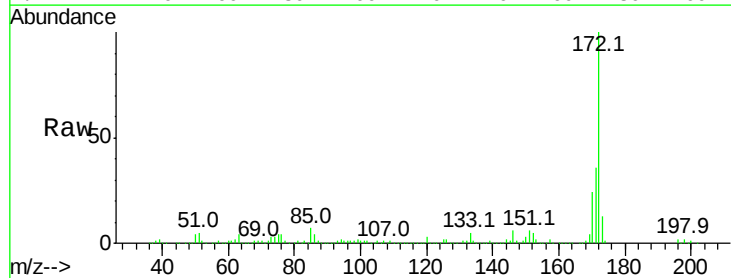
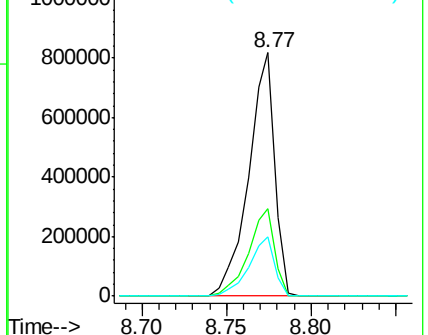
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

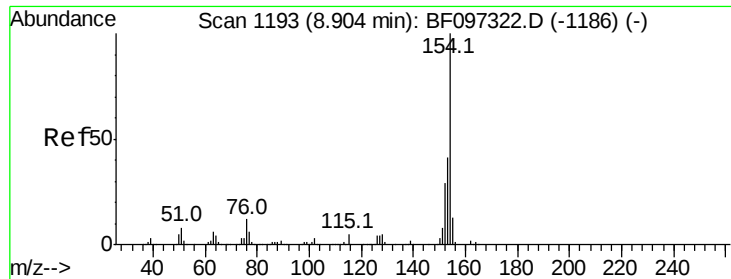


#44
 2-Fluorobiphenyl
 Concen: 95.887 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	172	Resp	884499
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.044 ng

RT: 8.87 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

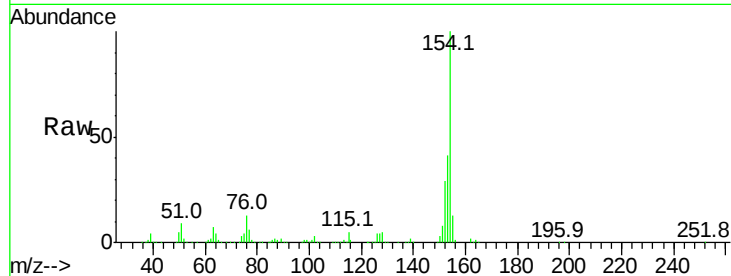
ClientSampleId :

PB101261BS

Tot Ion:	154	Resp:	562173
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.2	61.2
76	13.4	0.0	29.9

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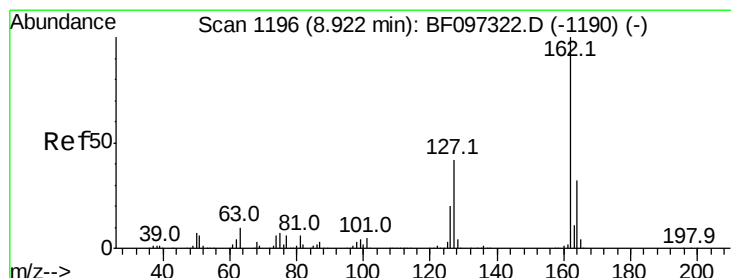
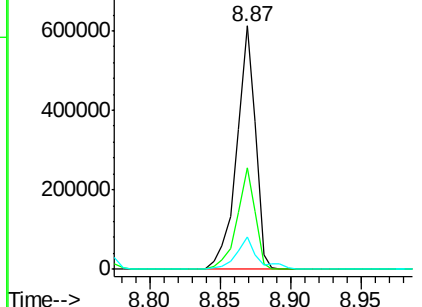
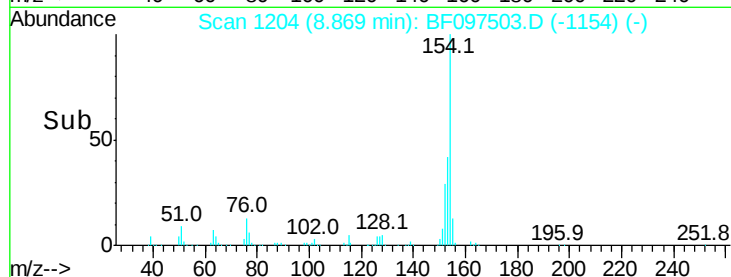
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.803 ng

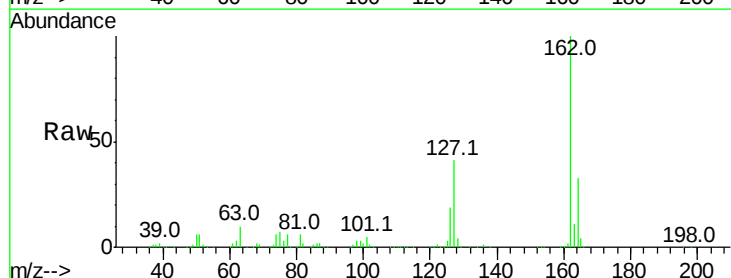
RT: 8.89 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

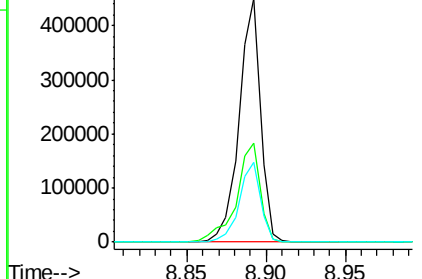
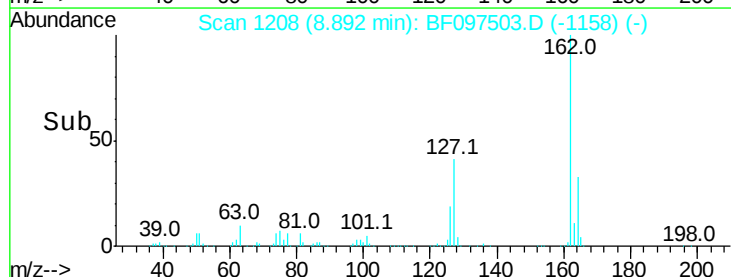
Tgt Ion:	162	Resp:	421171
Ion Ratio	Lower	Upper	
162	100		
127	40.7	28.3	42.5
164	32.8	27.0	40.4

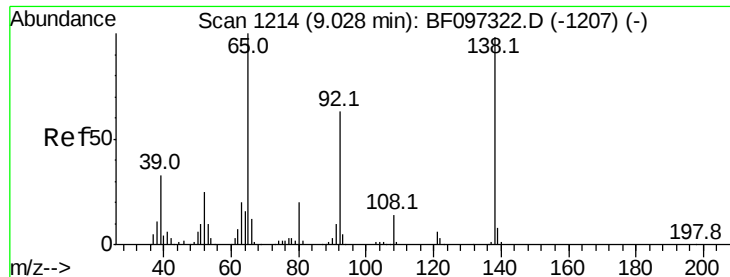


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





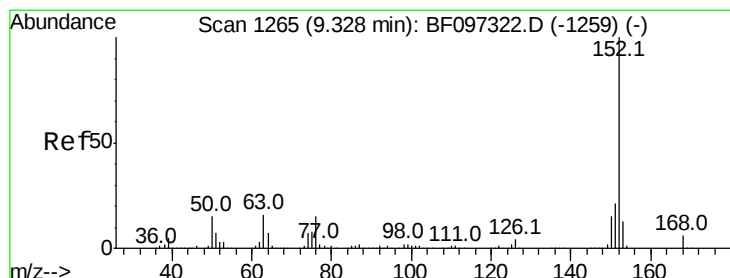
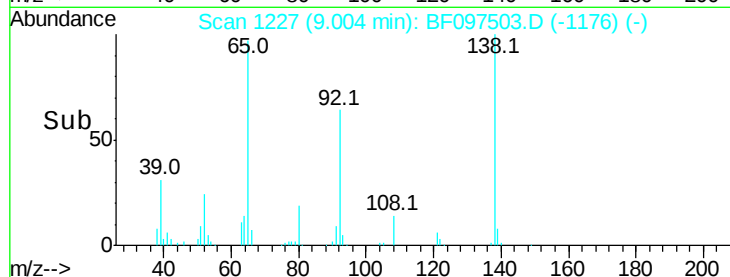
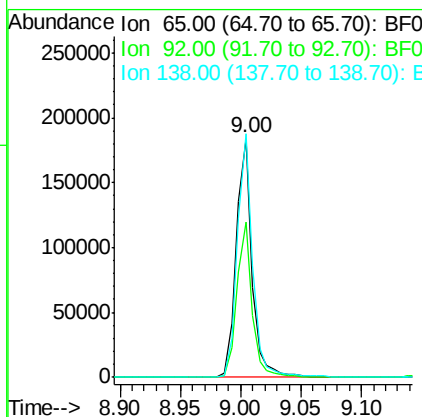
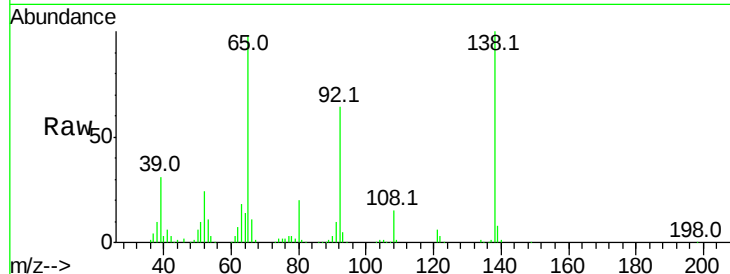
#47
2-Nitroaniline
Concen: 47.327 ng
RT: 9.00 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169004		
92	65.1	53.9	80.9	
138	102.1	78.8	118.2	

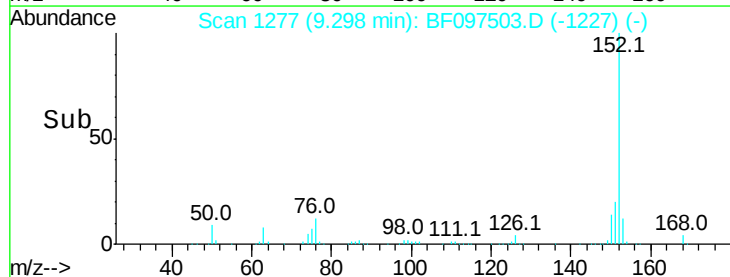
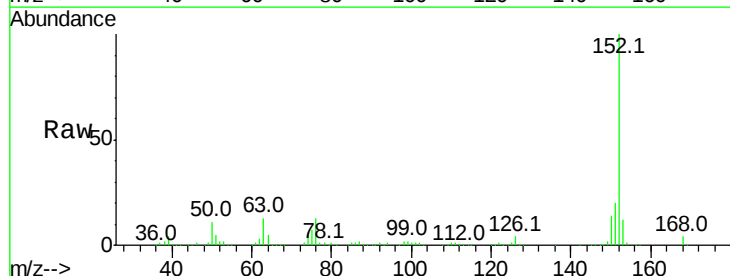
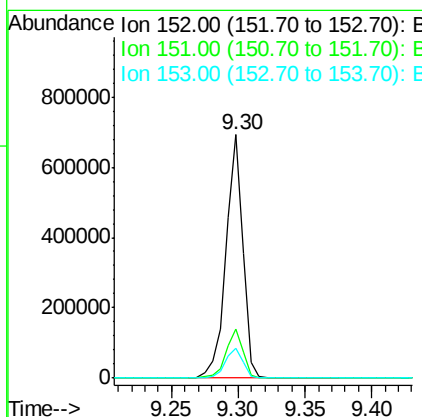
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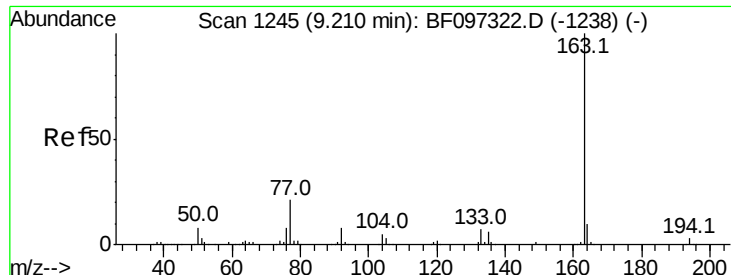
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#48
Acenaphthylene
Concen: 41.399 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	625258		
151	20.2	16.8	25.2	
153	12.4	10.8	16.2	





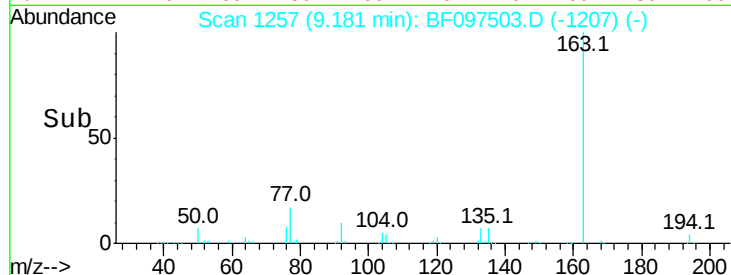
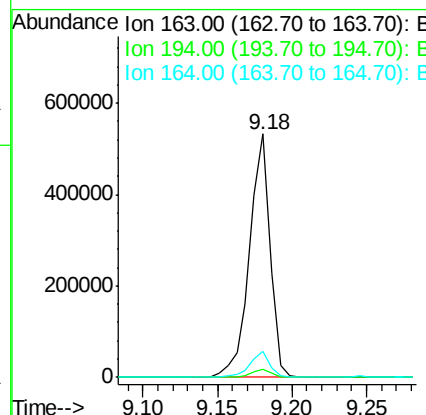
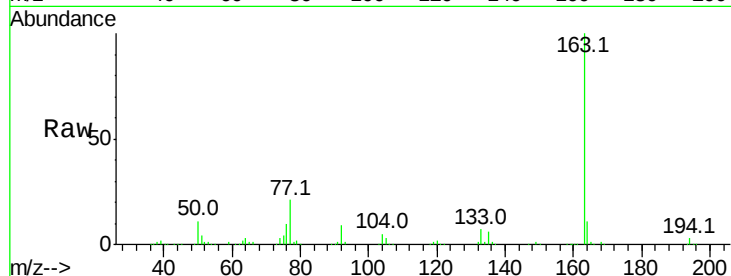
#49
Dimethylphthalate
Concen: 42.818 ng
RT: 9.18 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.4	12.6

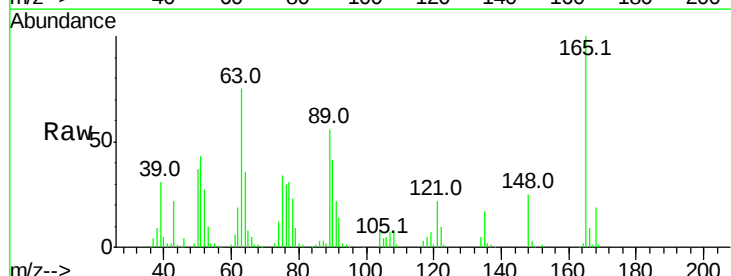
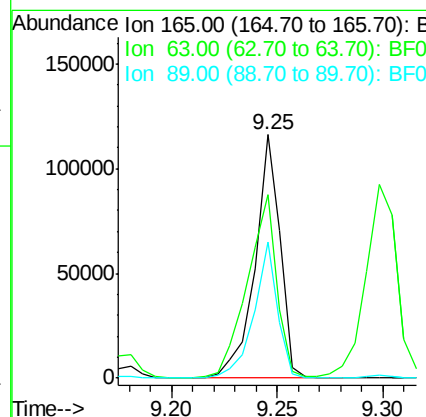
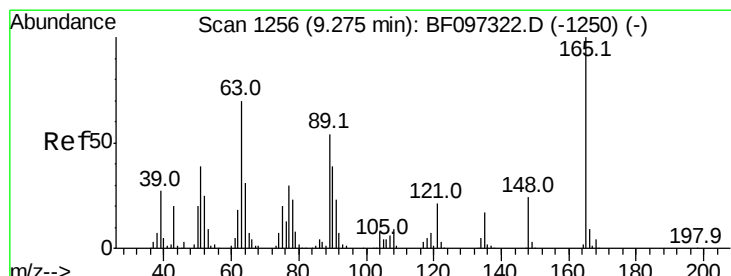
Manual Integrations
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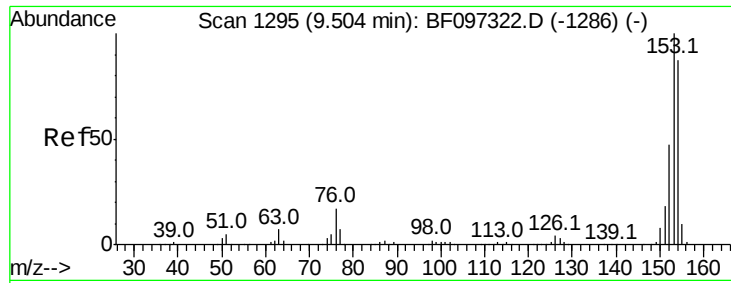
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#50
2,6-Dinitrotoluene
Concen: 38.259 ng
RT: 9.25 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	75.2	34.3	51.5#
89	56.1	37.1	55.7#





#51

Acenaphthene

Concen: 41.118 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

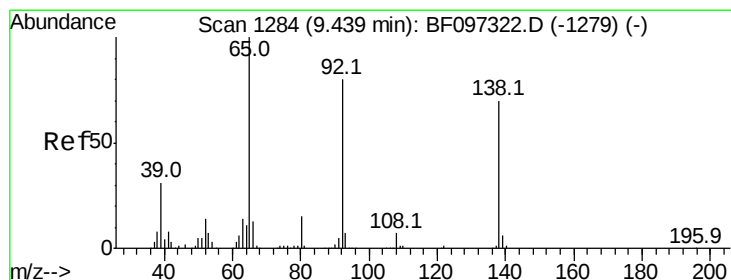
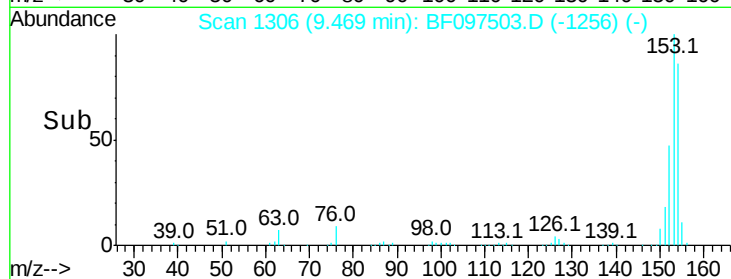
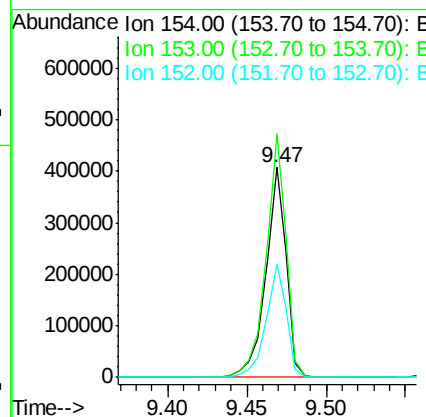
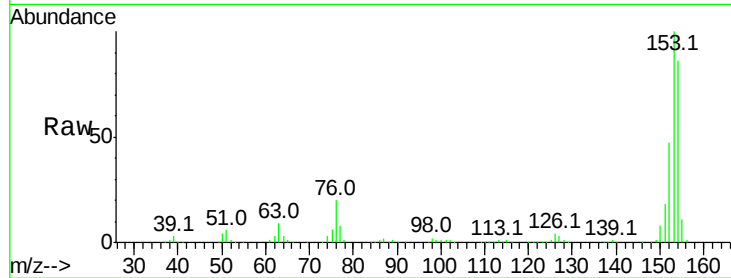
ClientSampleId :

PB101261BS

Tot Ion:	154	Resp:	365797
Ion Ratio	Lower	Upper	
154	100		
153	116.1	90.5	135.7
152	54.1	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.391 ng

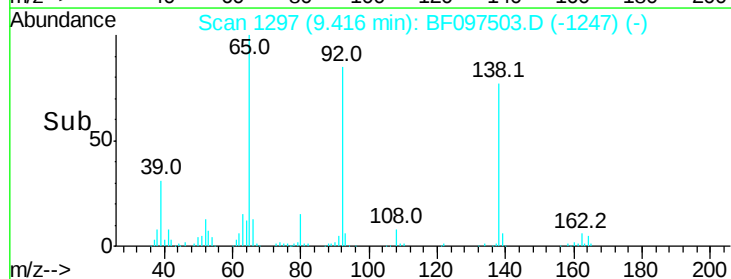
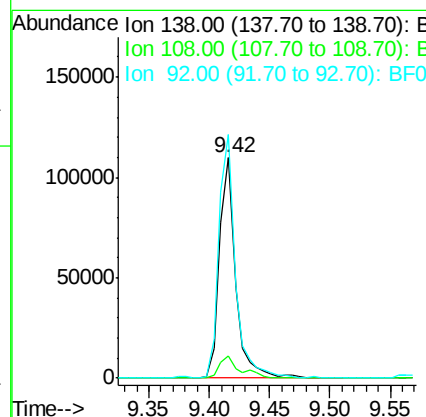
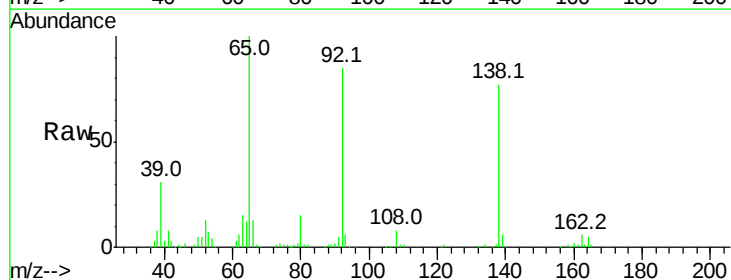
RT: 9.42 min Scan# 1297

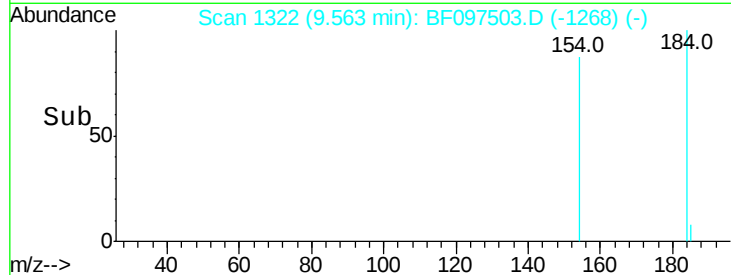
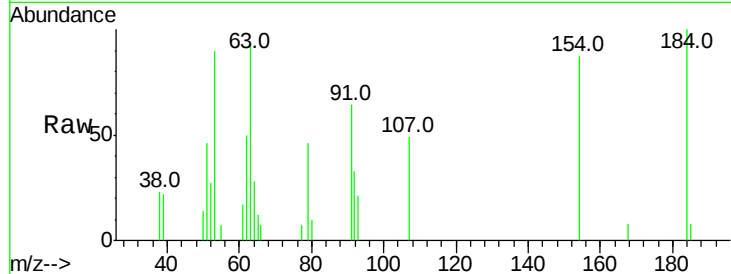
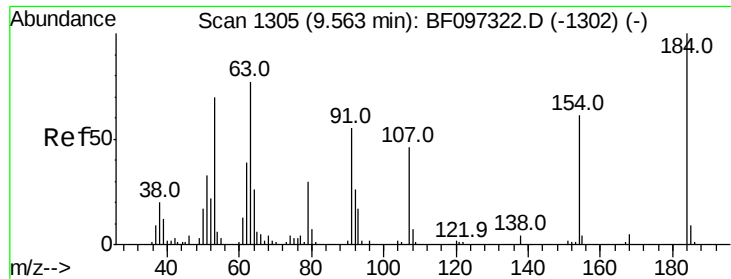
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	138	Resp:	101370
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.1	13.7
92	110.7	93.8	140.6





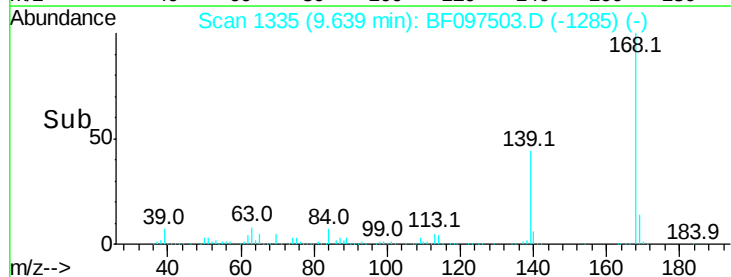
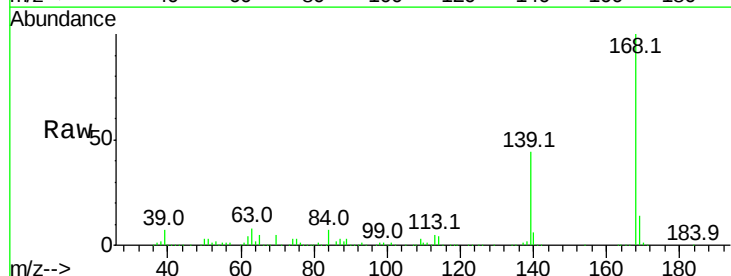
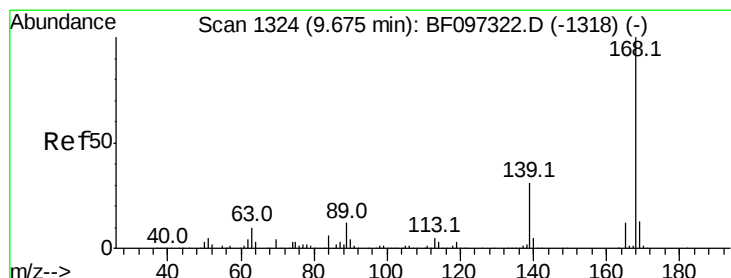
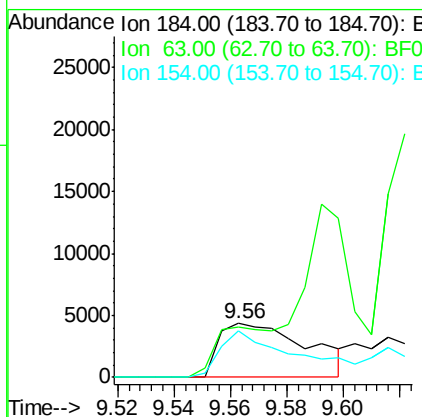
#53
2,4-Dinitrophenol
Concen: 8.189 ng
RT: 9.56 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tot Ion:184 Resp: 9388
Ion Ratio Lower Upper
184 100
63 93.1 62.7 94.1
154 87.3 81.1 121.7

Instrument :
BNA_F
ClientSampled :
PB101261BS

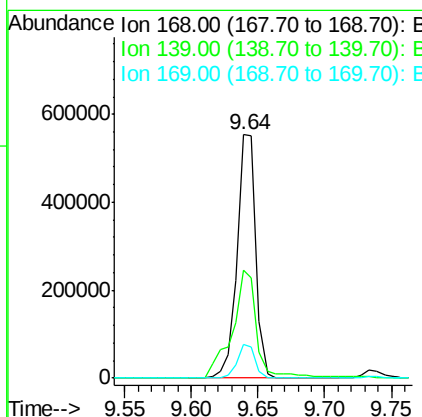
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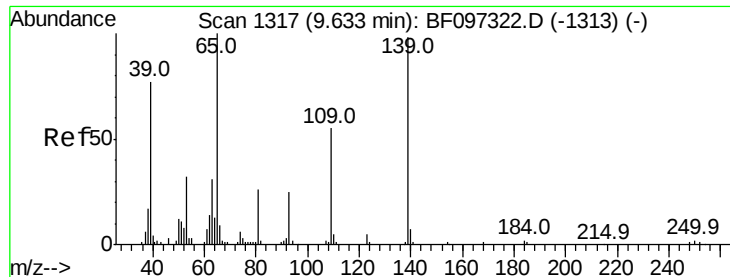
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#54
Dibenzofuran
Concen: 46.012 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion:168 Resp: 545224
Ion Ratio Lower Upper
168 100
139 44.4 30.6 45.8
169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 32.058 ng/mL

RT: 9.63 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

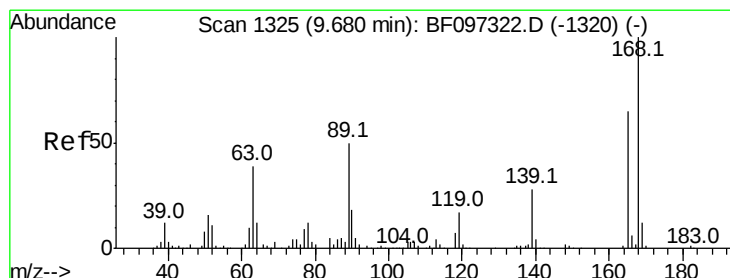
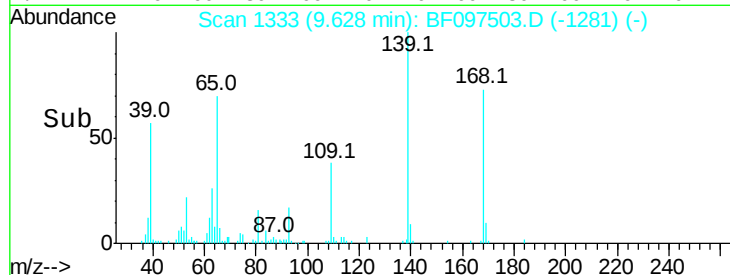
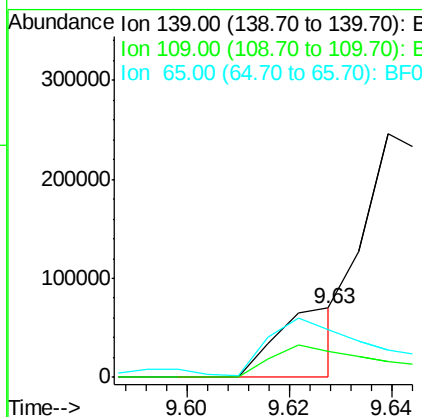
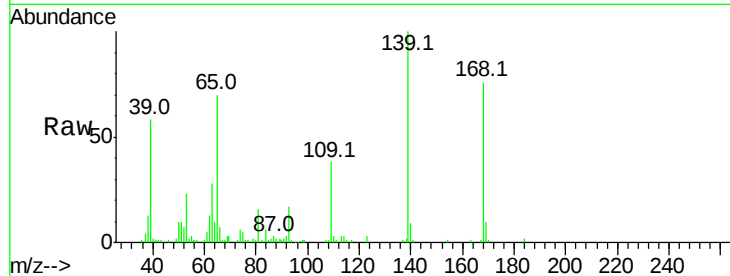
ClientSampleId :

PB101261BS

Tot Ion:	139	Resp:	59664
Ion Ratio	Lower	Upper	
139	100		
109	38.0	34.1	74.1
65	69.7	31.4	71.4

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#56

2,4-Dinitrotoluene

Concen: 40.297 ng/mL

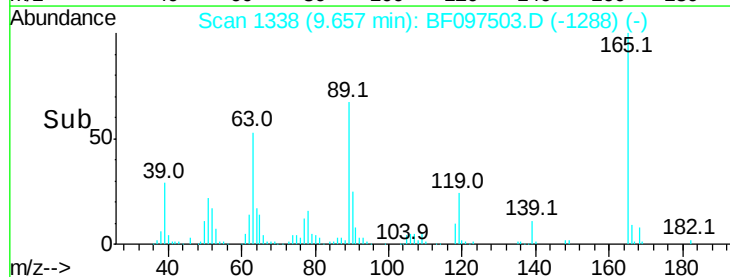
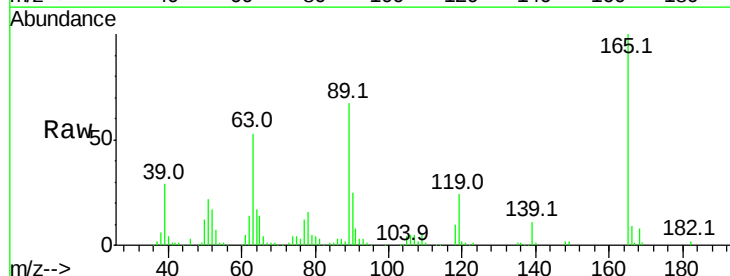
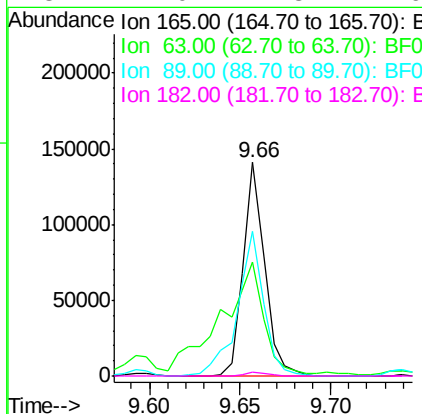
RT: 9.66 min Scan# 1338

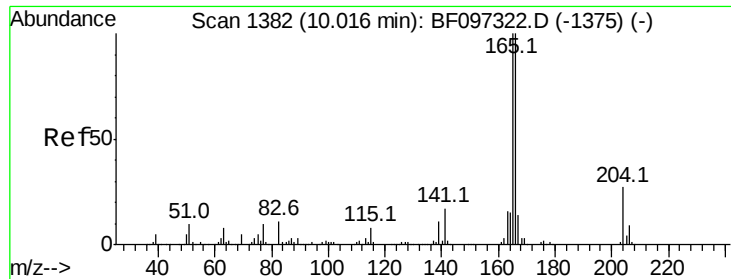
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	165	Resp:	116801
Ion Ratio	Lower	Upper	
165	100		
63	53.2	25.4	38.0#
89	67.5	46.4	69.6
182	2.0	1.8	2.6





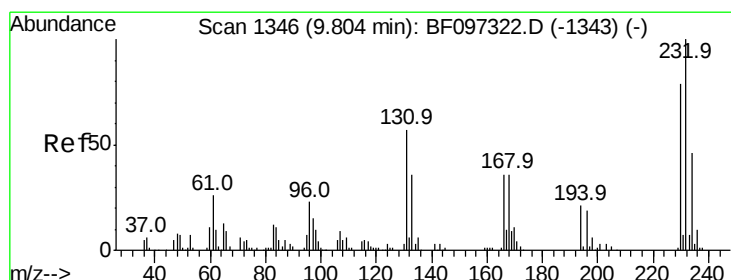
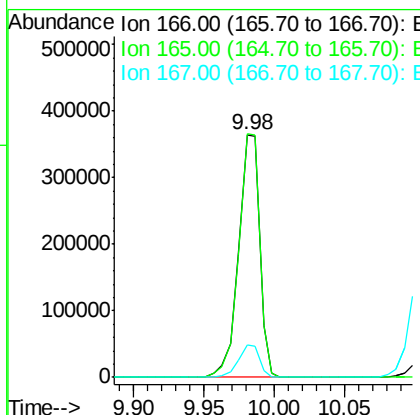
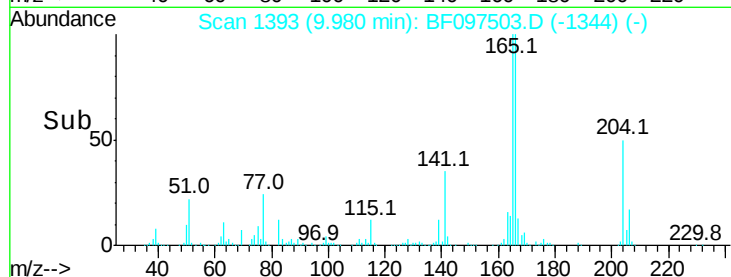
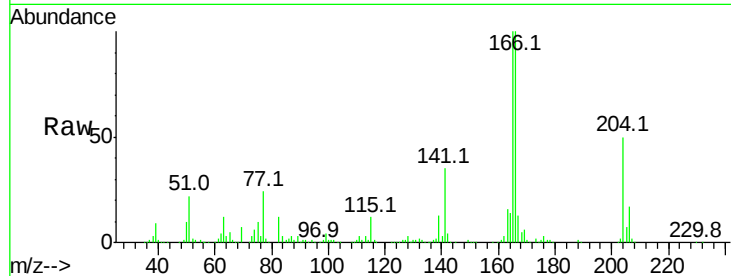
#57
Fluorene
 Concen: 42.713 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleID :
 PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	78.8	118.2	
167	13.5	10.6	16.0	

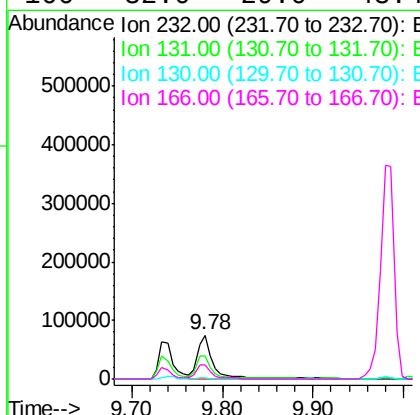
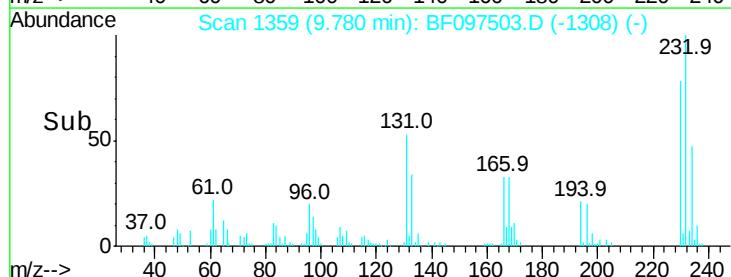
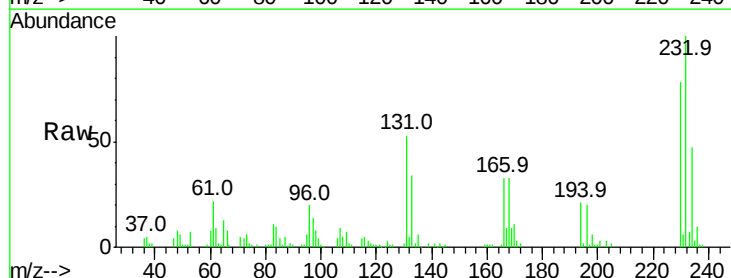
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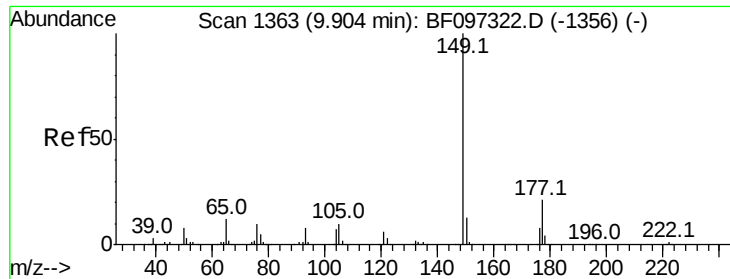
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.864 ng
 RT: 9.78 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.5	44.8	67.2	
130	2.1	2.3	3.5#	
166	32.0	29.0	43.4	





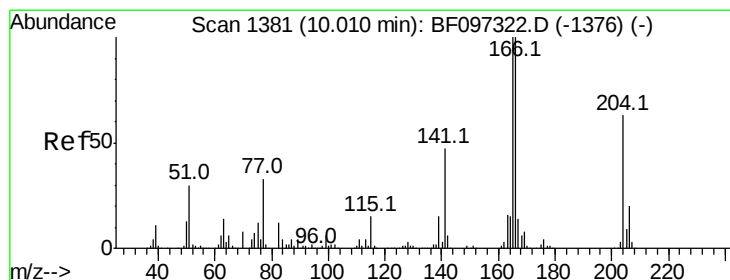
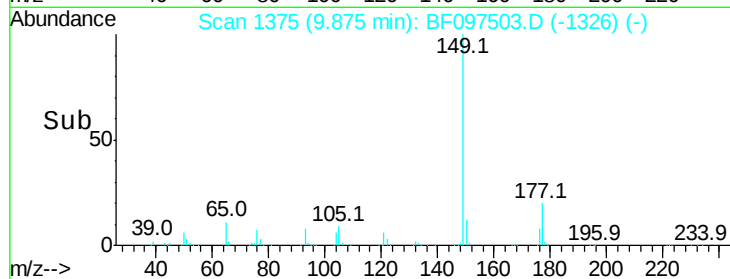
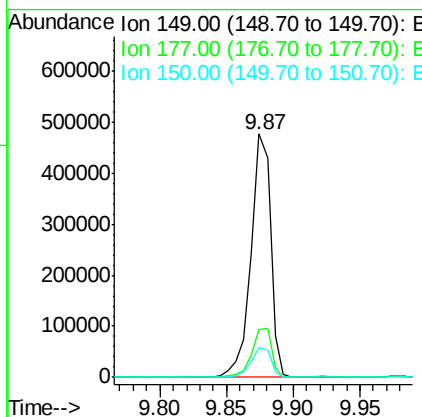
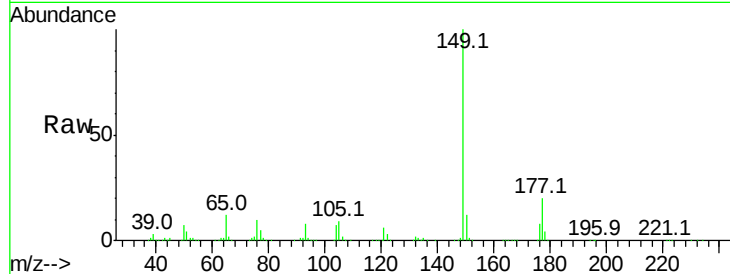
#59
 Diethylphthalate
 Concen: 44.068 ng
 RT: 9.87 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion:	149	Resp:	480625
Ion Ratio	Lower	Upper	
149	100		
177	19.6	16.7	25.1
150	12.4	10.2	15.2

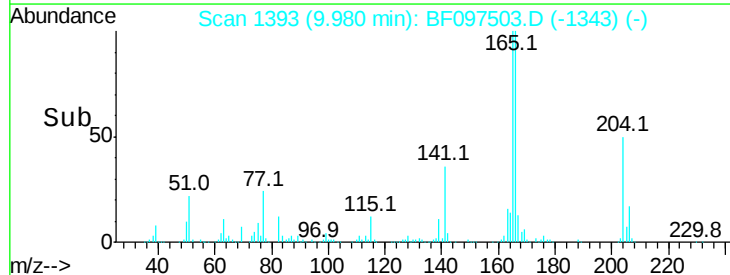
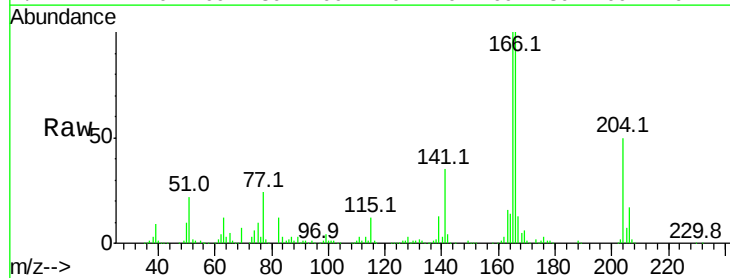
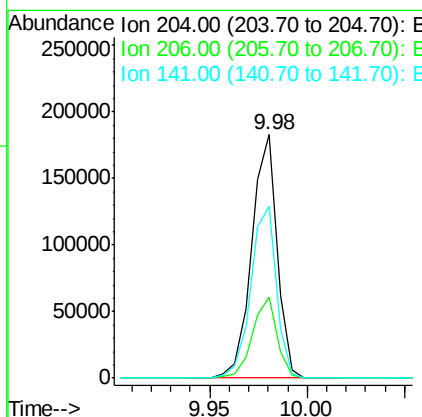
Manual Integrations
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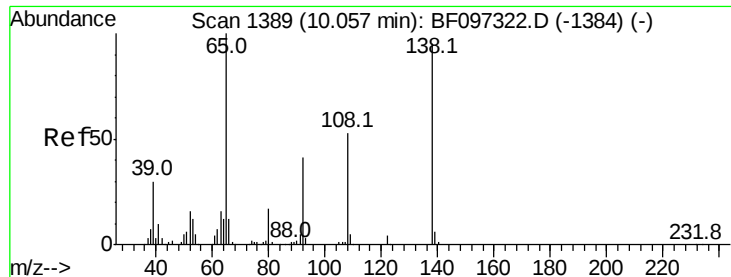
Sohil
 8/9/2017 7:16:55 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 44.832 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:	204	Resp:	164880
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.2	39.2
141	70.9	60.8	91.2





#61

4-Nitroaniline

Concen: 40.886 ng

RT: 10.03 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

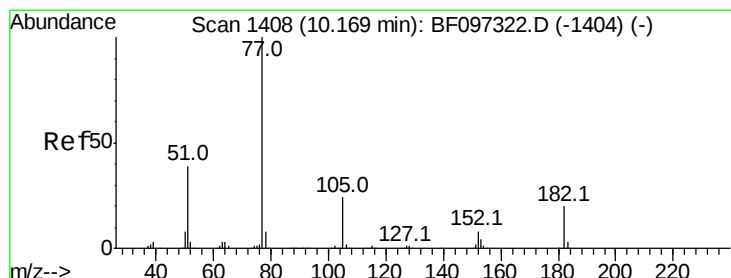
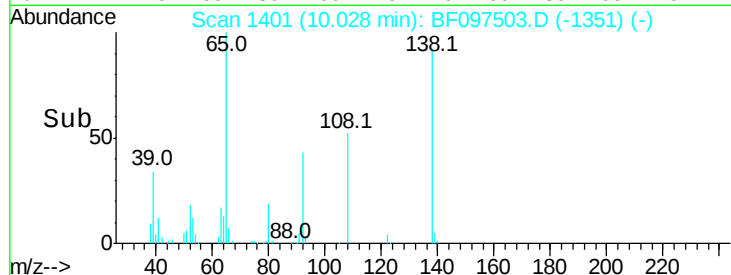
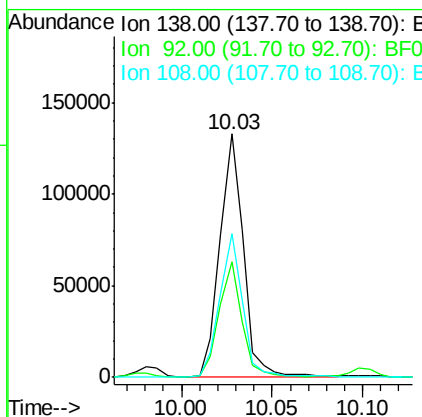
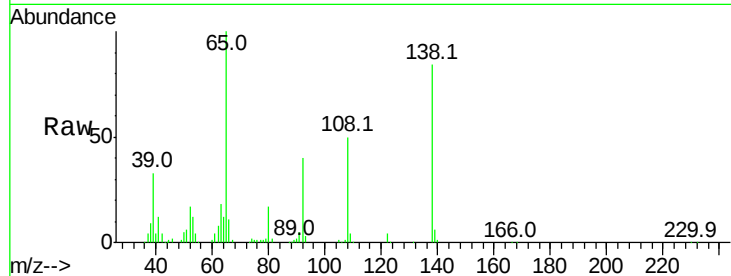
ClientSampleId :

PB101261BS

Tot Ion:	138	Resp:	121582
Ion Ratio	Lower	Upper	
138	100		
92	47.5	21.8	61.8
108	59.1	42.3	82.3

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#62

Azobenzene

Concen: 44.896 ng

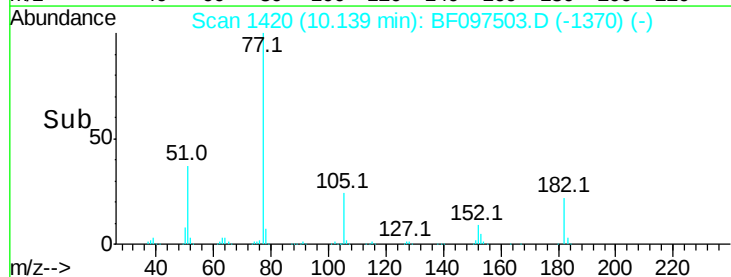
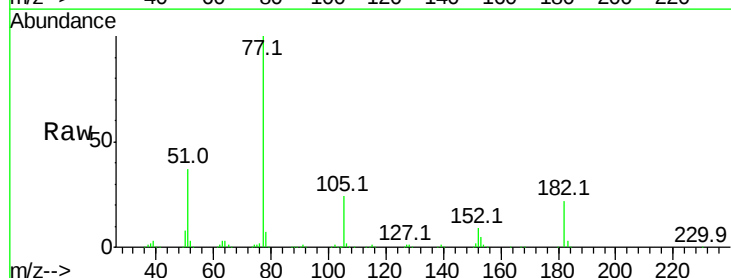
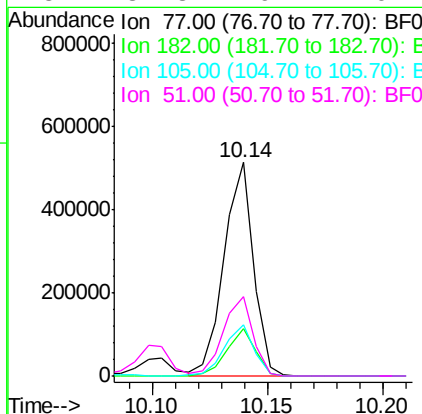
RT: 10.14 min Scan# 1420

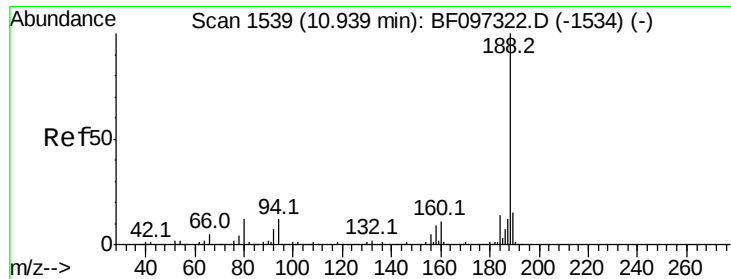
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	77	Resp:	454243
Ion Ratio	Lower	Upper	
77	100		
182	22.0	0.1	40.1
105	24.2	3.6	43.6
51	37.3	9.4	49.4





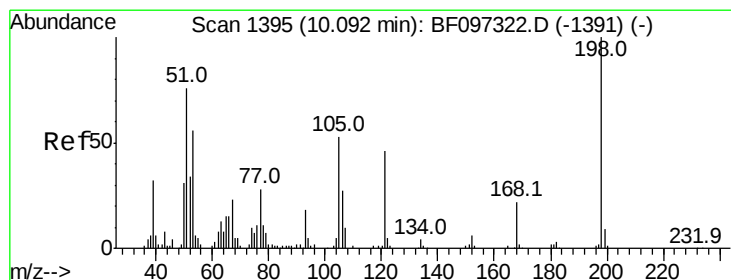
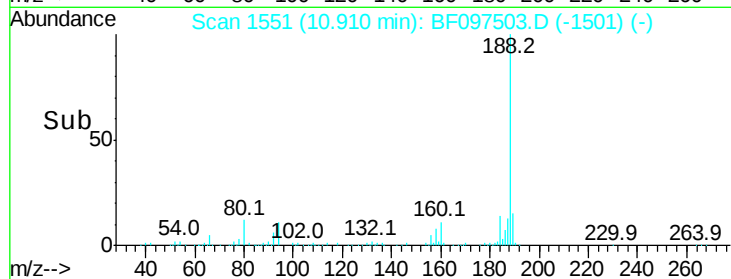
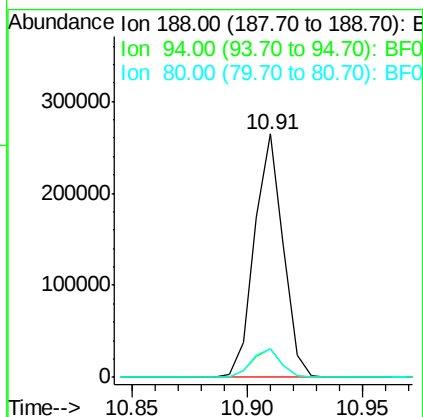
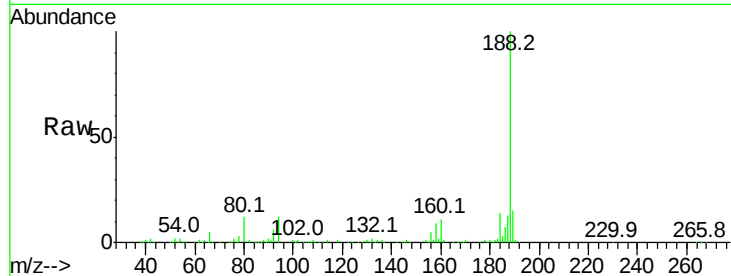
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	230470		
94	11.6		9.4	14.2
80	11.8		10.2	15.2

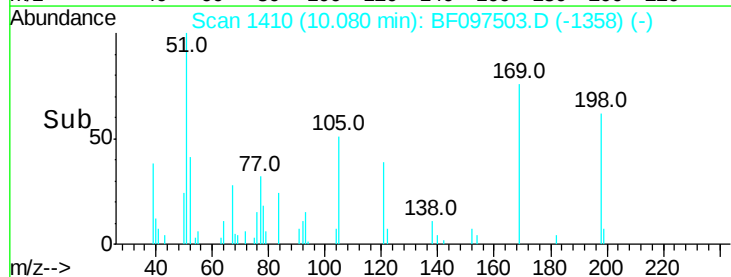
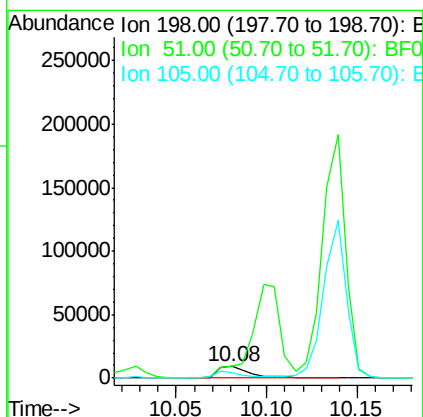
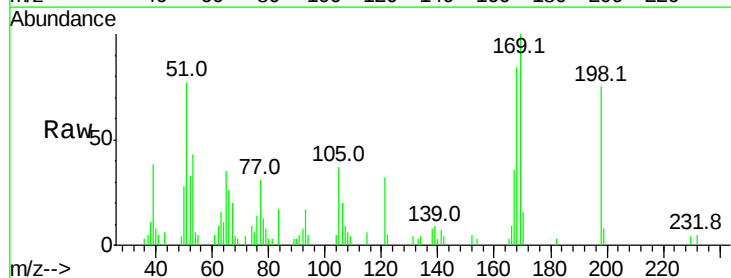
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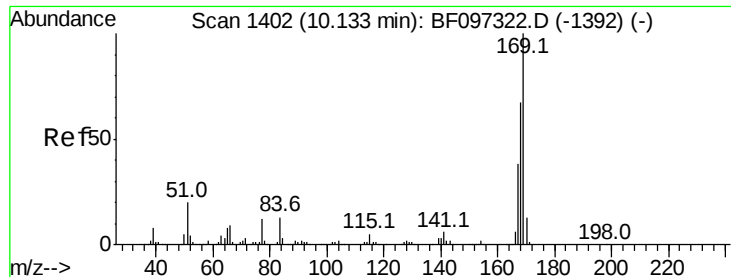
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.408 ng
RT: 10.08 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	12041		
51	102.4		53.2	93.2#
105	49.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 45.673 ng

RT: 10.10 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

Tot Ion:169 Resp: 366253

Ion Ratio Lower Upper

169 100

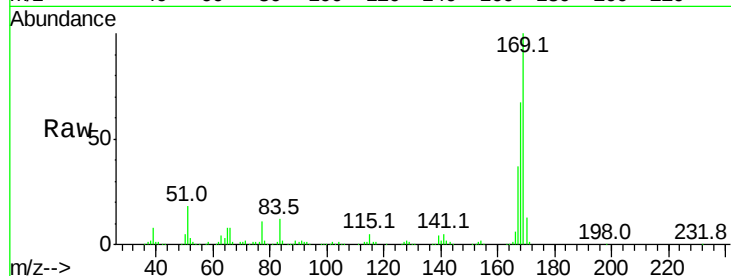
168 66.7 53.2 79.8

167 37.1 29.5 44.3

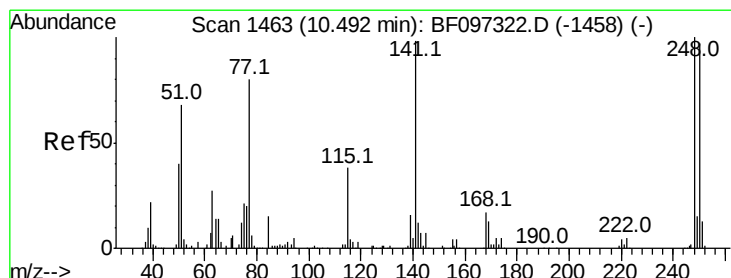
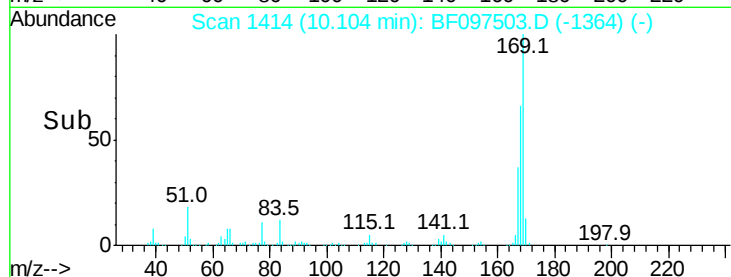
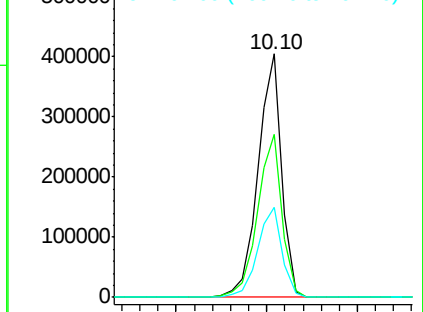
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.080 ng

RT: 10.46 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

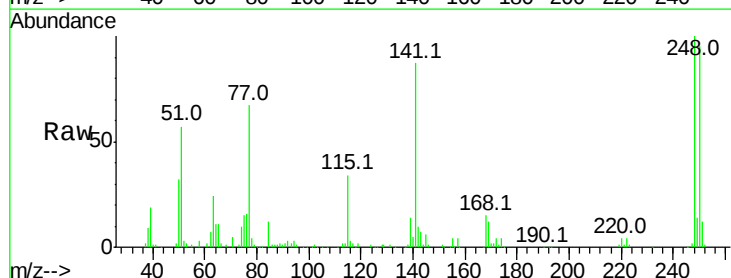
Tgt Ion:248 Resp: 103684

Ion Ratio Lower Upper

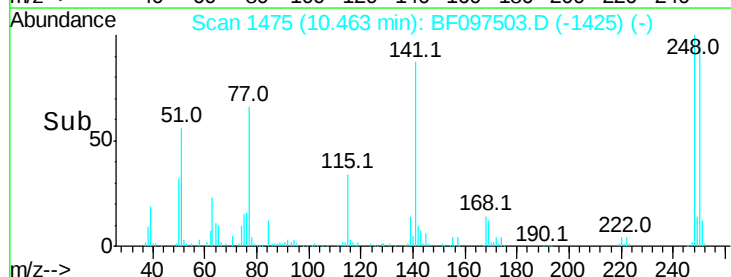
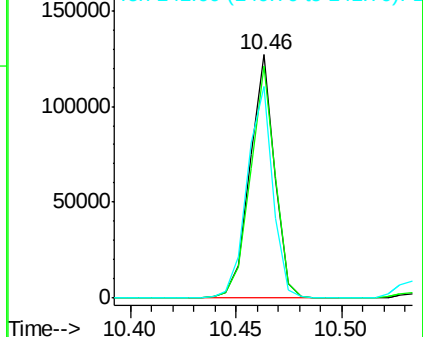
248 100

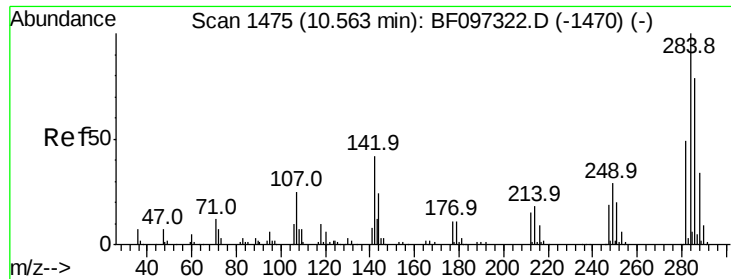
250 95.2 76.8 115.2

141 86.9 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 39.164 ng

RT: 10.53 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

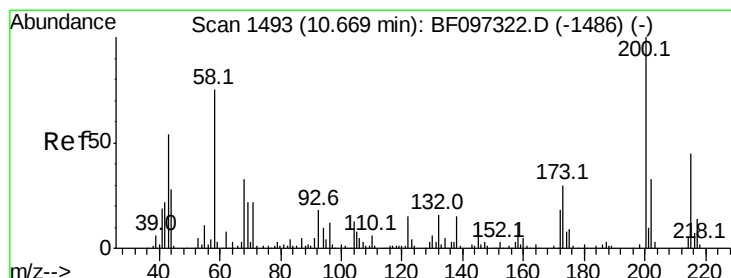
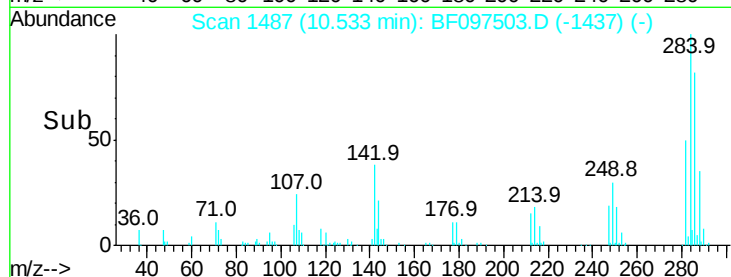
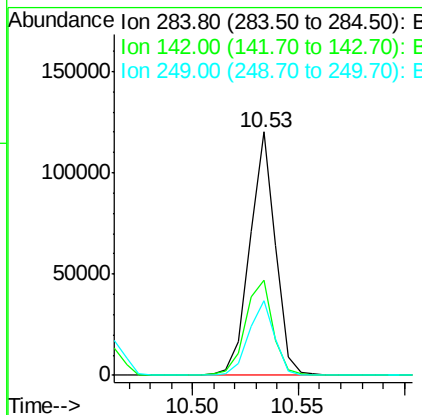
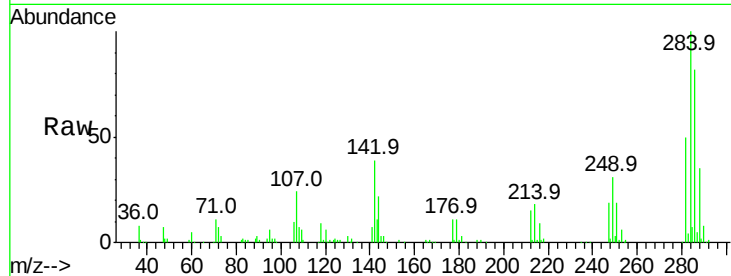
ClientSampleId :

PB101261BS

Tot Ion:	284	Resp:	101014
Ion Ratio		Lower	Upper
284	100		
142	39.0	22.8	34.2#
249	30.6	24.0	36.0

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#68

Atrazine

Concen: 41.991 ng

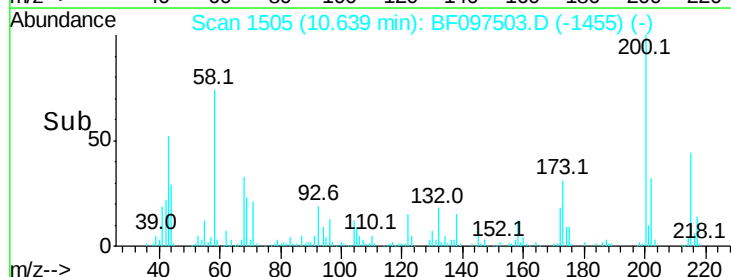
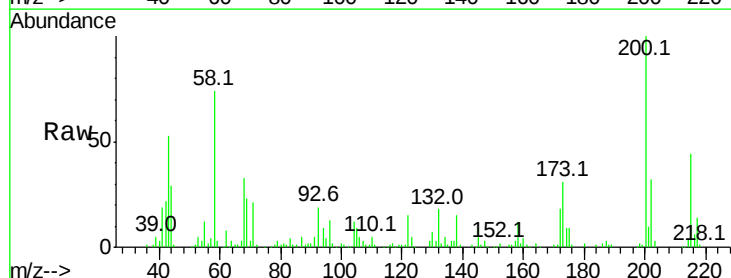
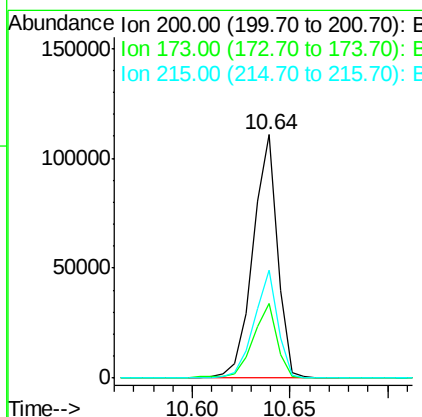
RT: 10.64 min Scan# 1505

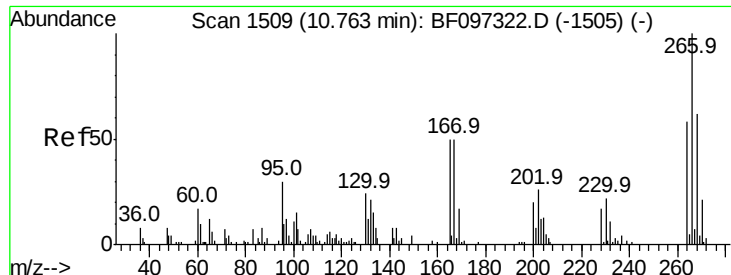
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	200	Resp:	96556
Ion Ratio		Lower	Upper
200	100		
173	30.8	6.3	46.3
215	44.1	27.2	67.2





#69

Pentachlorophenol

Concen: 50.779 ng

RT: 10.74 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

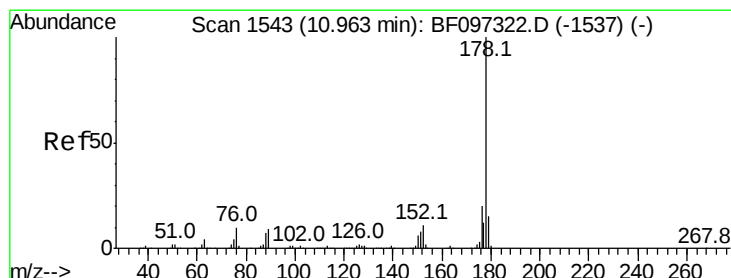
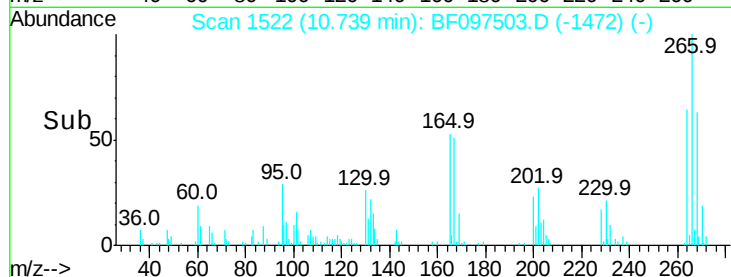
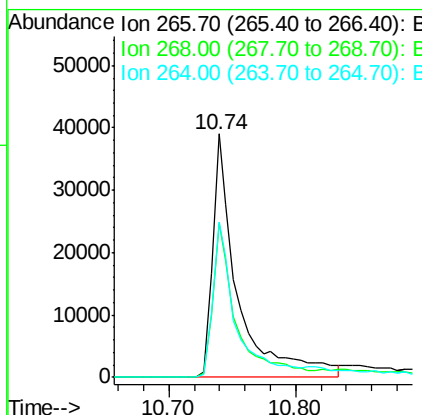
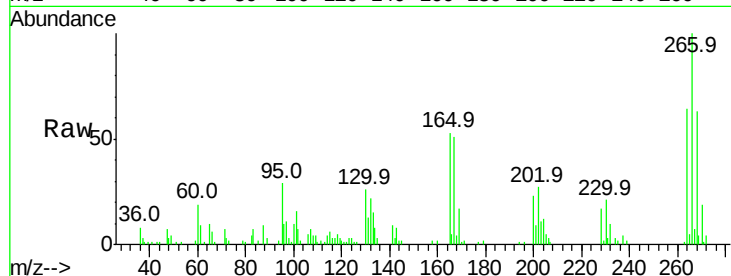
ClientSampled :

PB101261BS

Tot Ion:	266	Resp:	54190
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.1	76.7
264	63.7	51.7	77.5

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#70

Phenanthrene

Concen: 42.883 ng

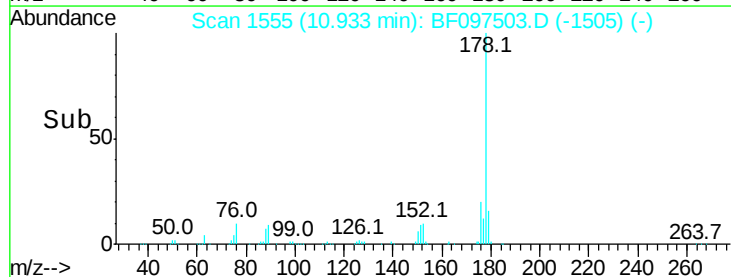
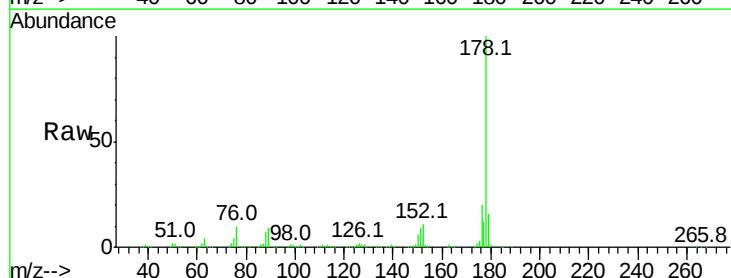
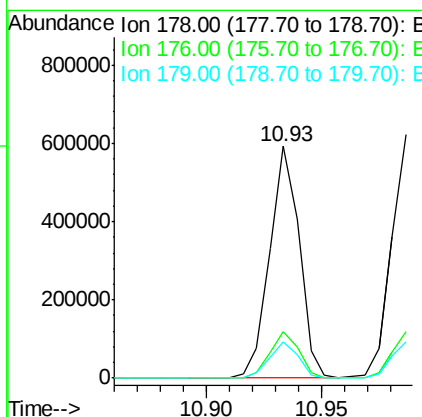
RT: 10.93 min Scan# 1555

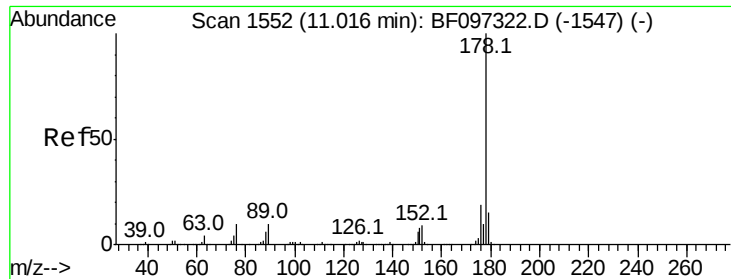
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	178	Resp:	529554
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.2	24.4
179	15.6	12.6	19.0





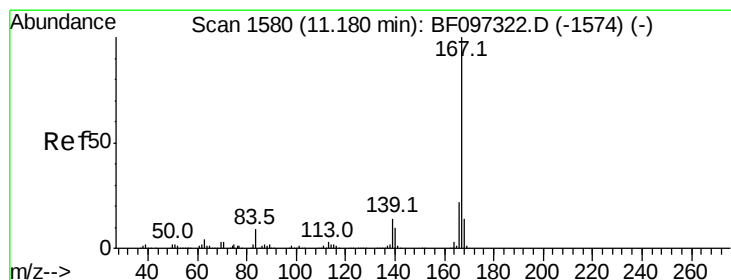
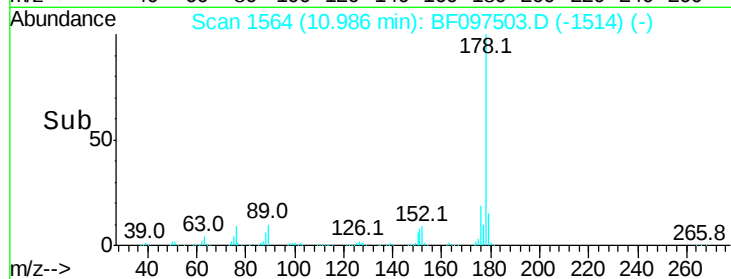
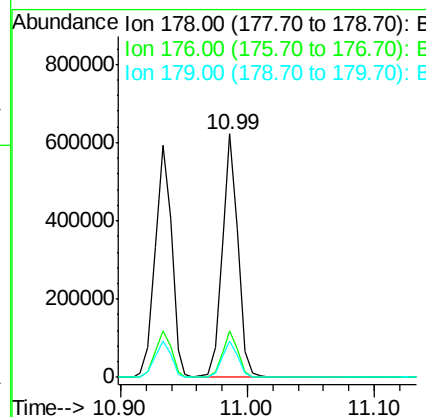
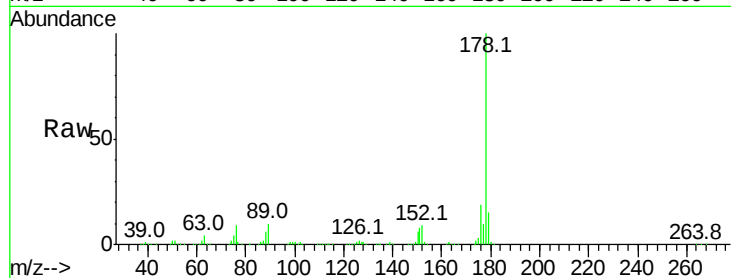
#71
 Anthracene
 Concen: 43.079 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.1	12.7	19.1

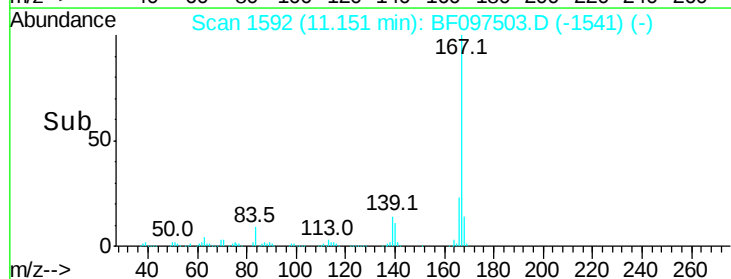
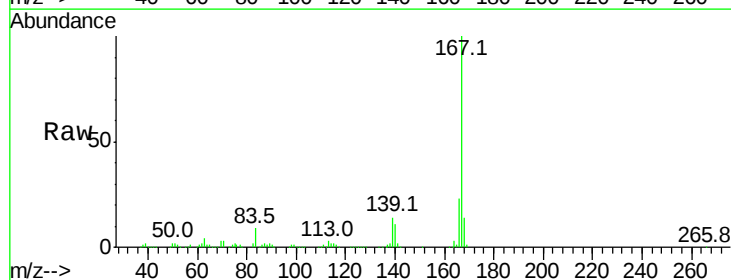
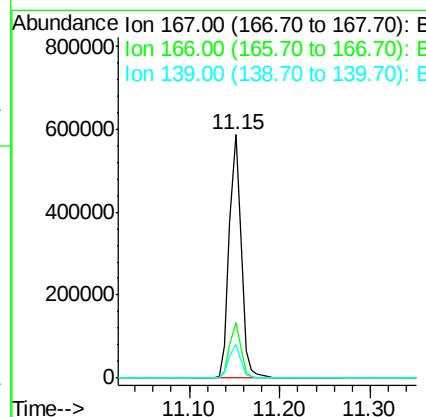
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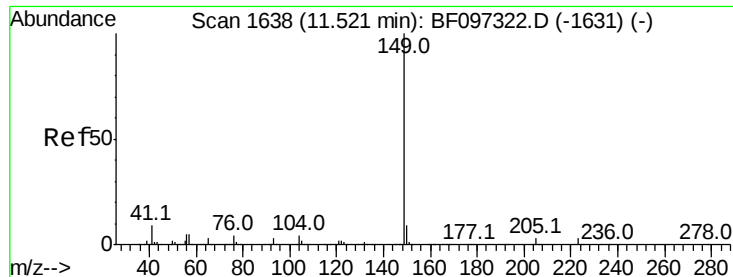
Sohil
 8/9/2017 7:16:55 PM



#72
 Carbazole
 Concen: 42.328 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.819 ng

RT: 11.49 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

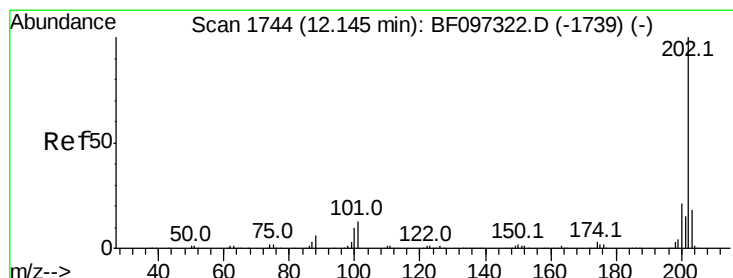
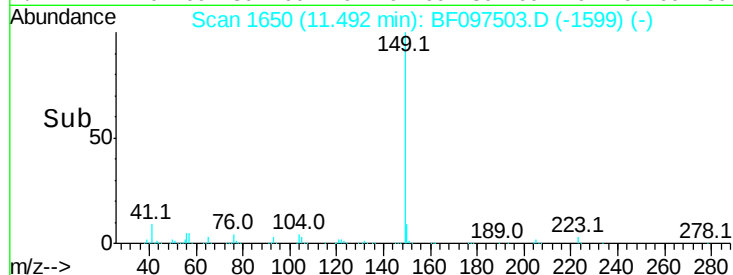
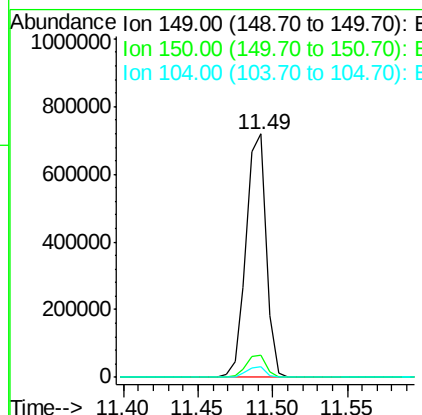
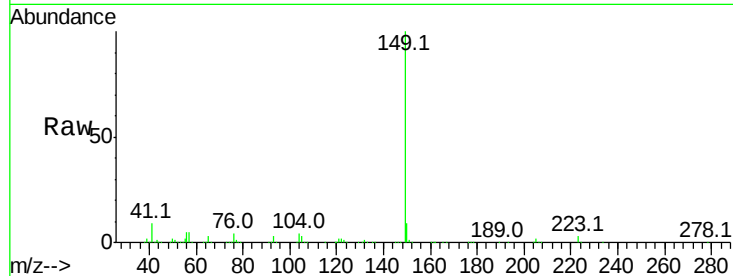
ClientSampleId :

PB101261BS

Tot Ion:	149	Resp:	673746
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 41.038 ng

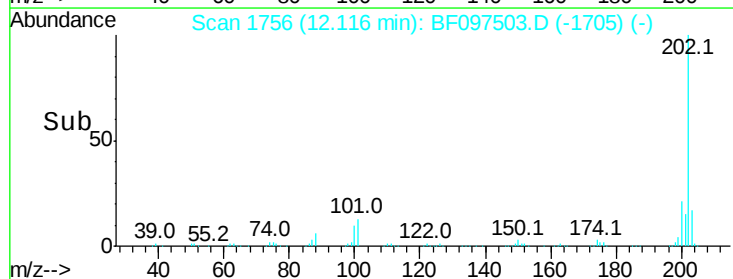
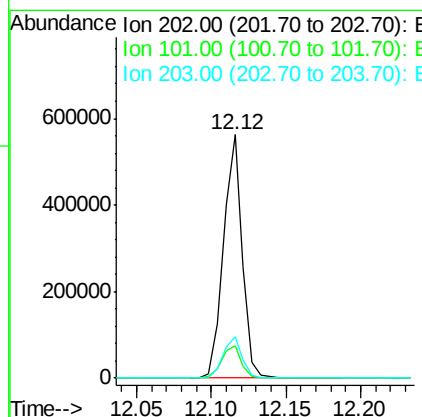
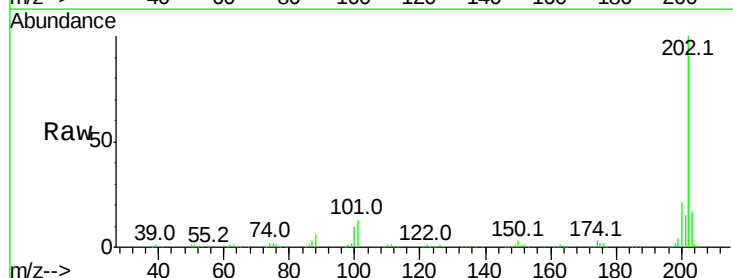
RT: 12.12 min Scan# 1756

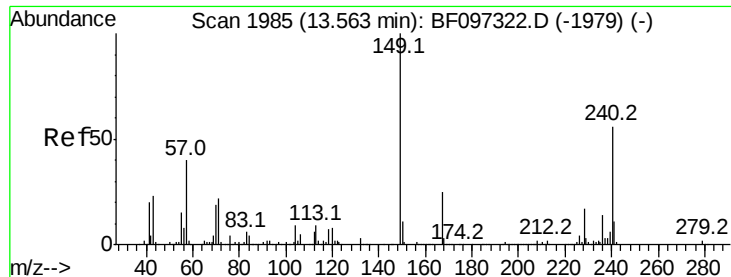
Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	202	Resp:	496460
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

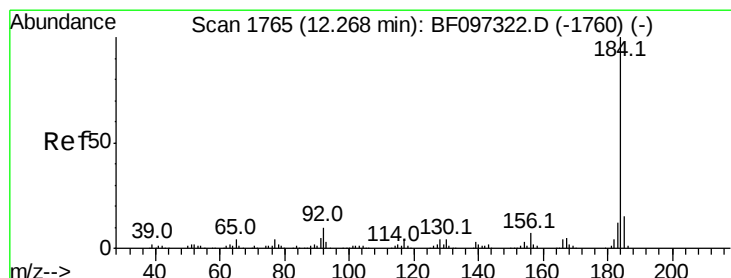
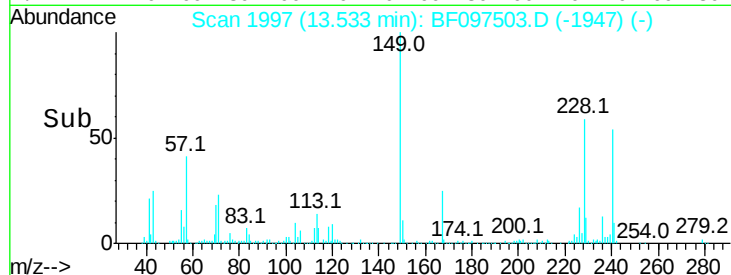
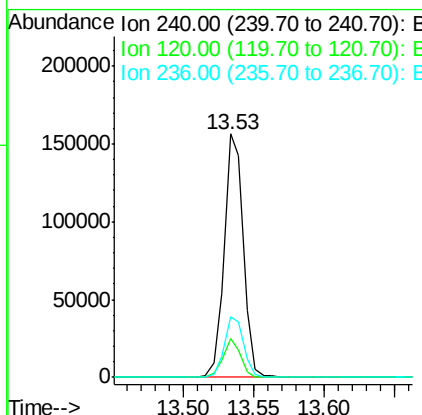
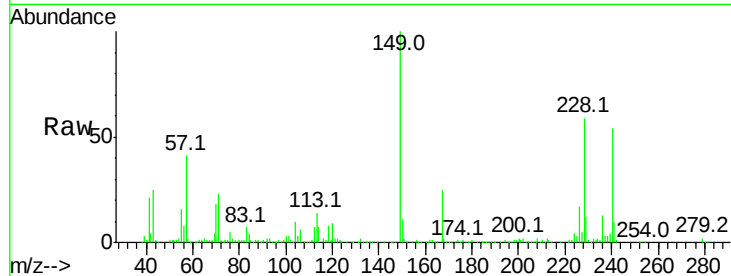
ClientSampleId :

PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	16.1	5.8	8.8#	
236	24.6	20.5	30.7	

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#76

Benzidine

Concen: 56.807 ng

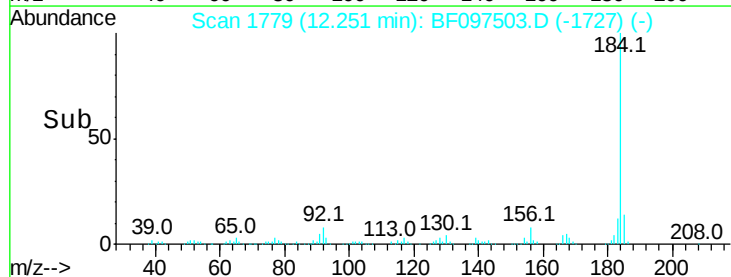
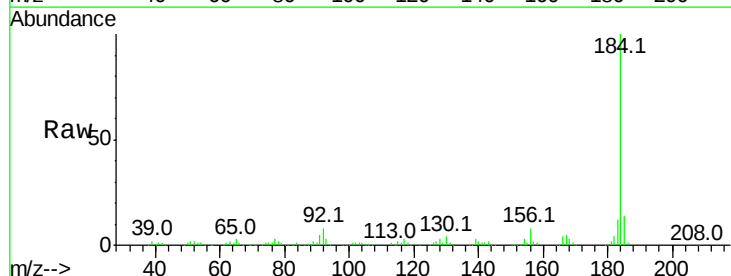
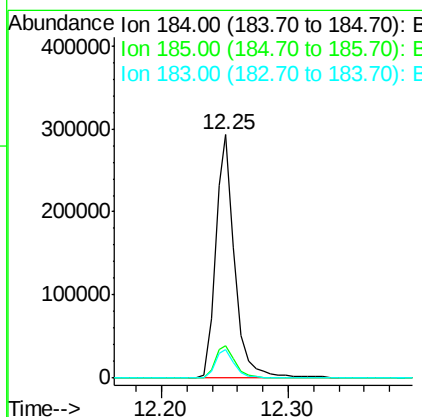
RT: 12.25 min Scan# 1779

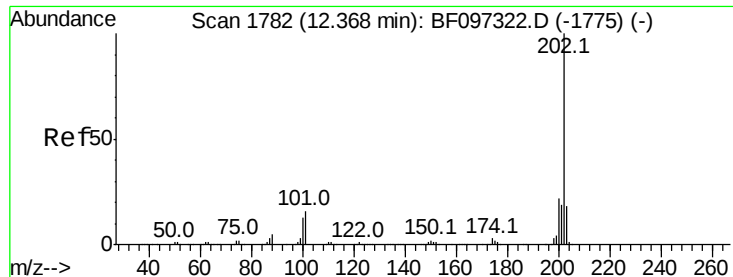
Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	15.5	23.3#	
183	11.6	9.8	14.6	





#77

Pvrene

Concen: 40.168 ng

RT: 12.34 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

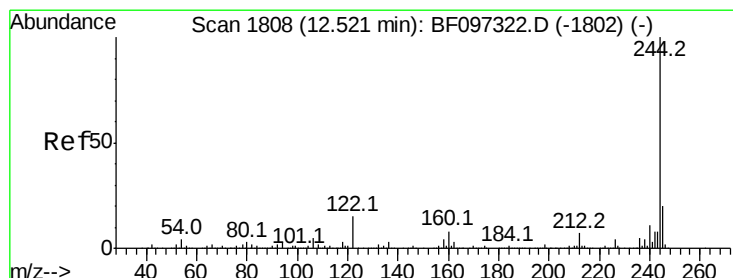
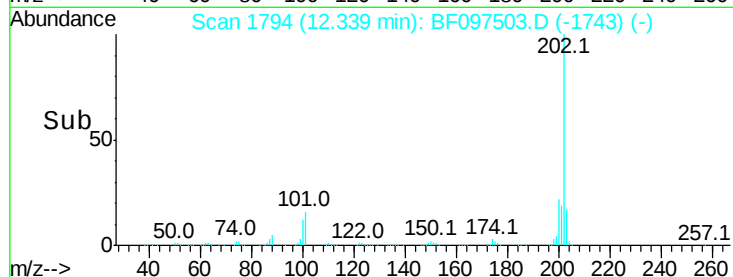
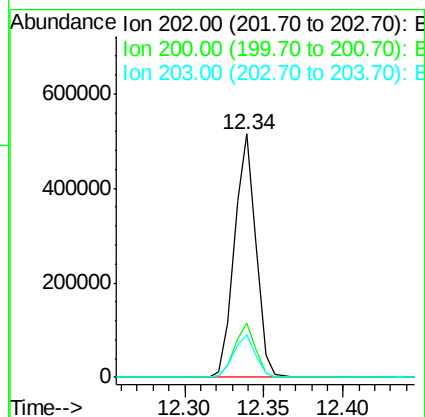
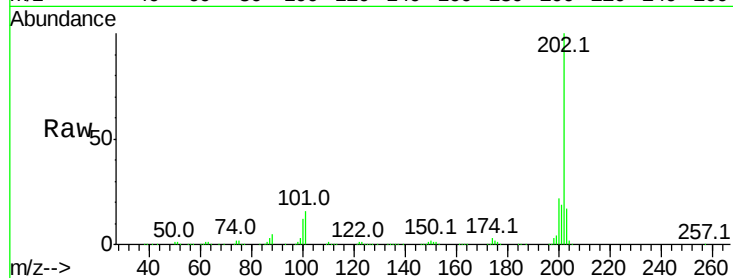
ClientSampleId :

PB101261BS

Tot Ion:	202	Resp:	482336
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	17.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 74.351 ng

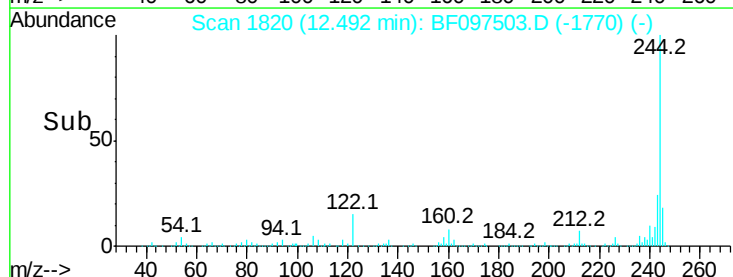
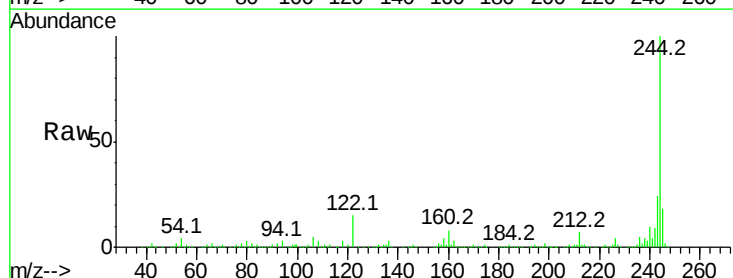
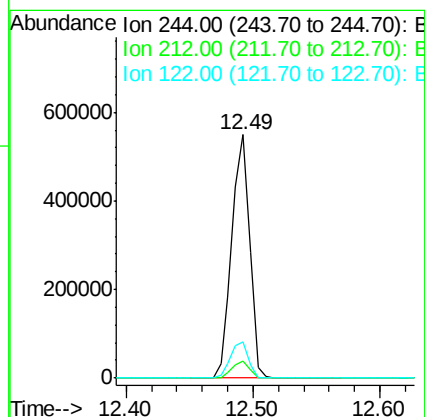
RT: 12.49 min Scan# 1820

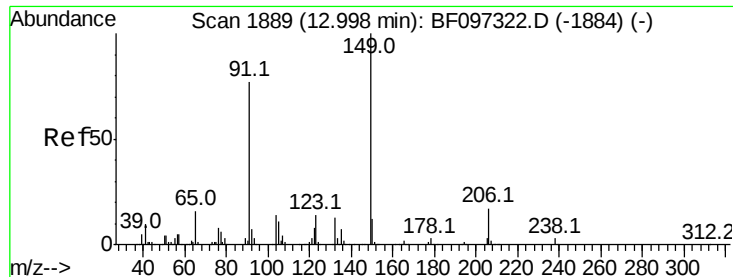
Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	244	Resp:	534892
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	14.7	10.3	15.5





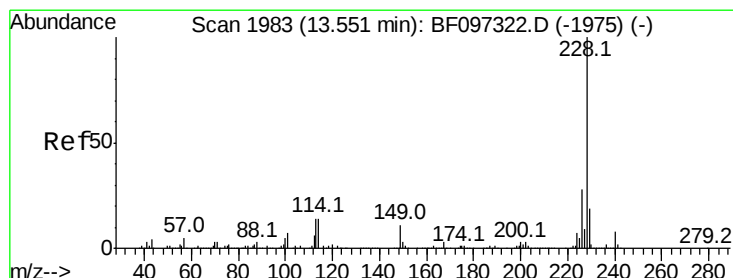
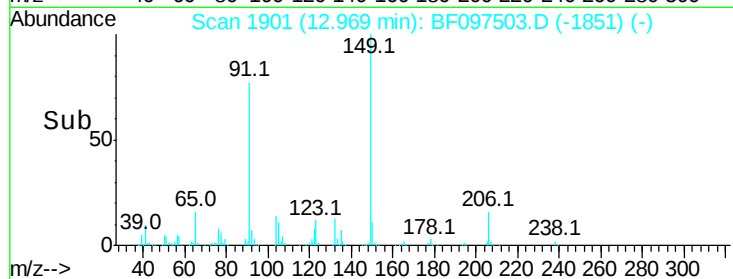
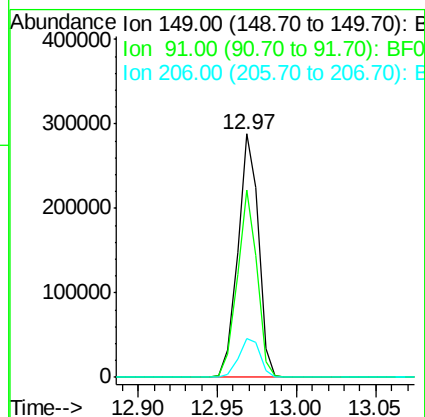
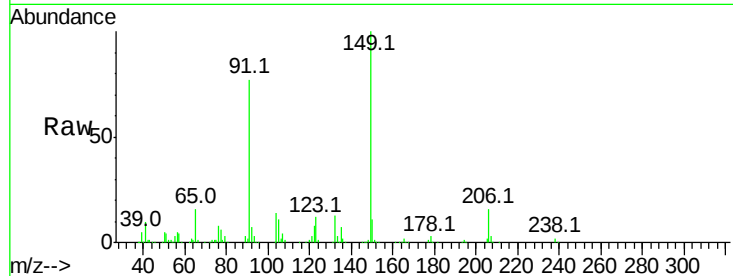
#79
Butylbenzylphthalate
Concen: 42.460 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	77.0	45.0	67.4#
206	16.1	17.0	25.6#

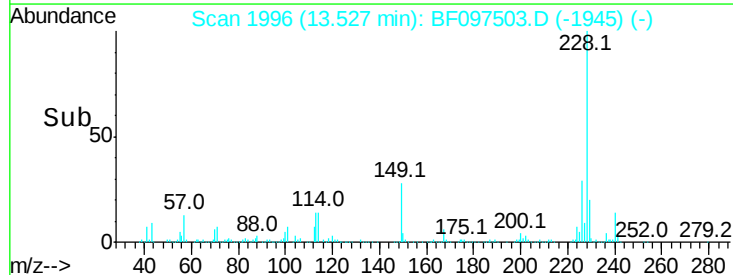
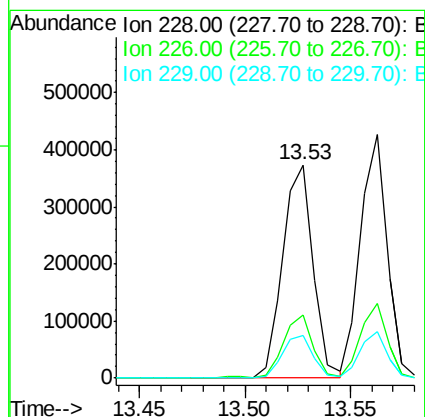
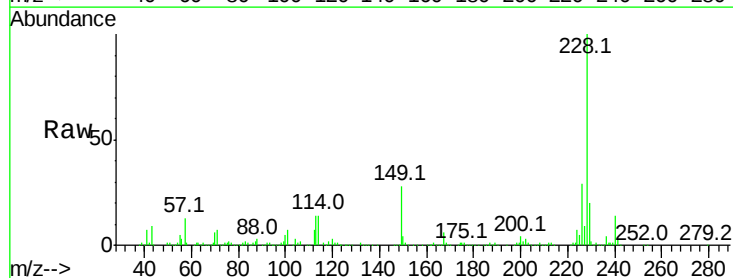
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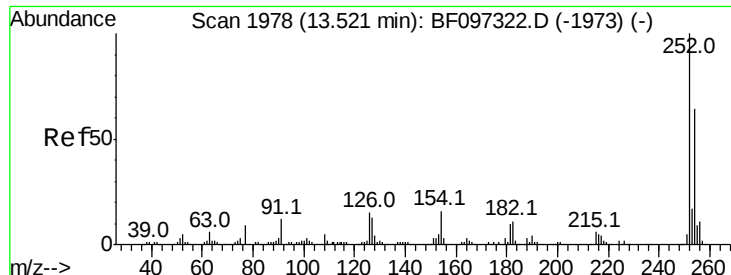
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#80
Benzo(a)anthracene
Concen: 39.634 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.4	22.6	33.8
229	20.1	16.3	24.5





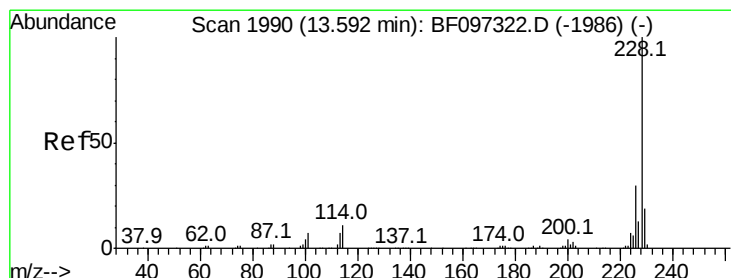
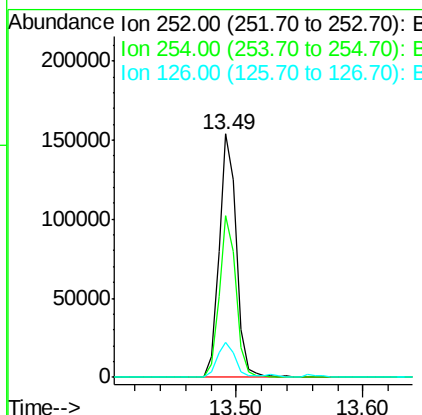
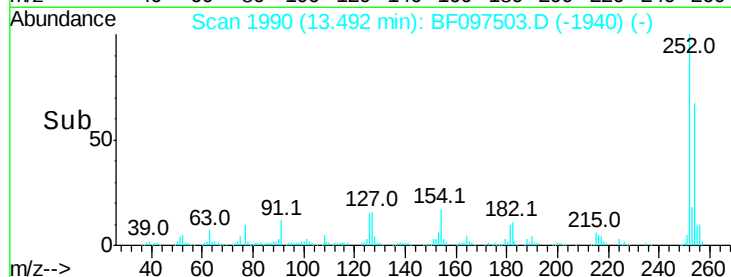
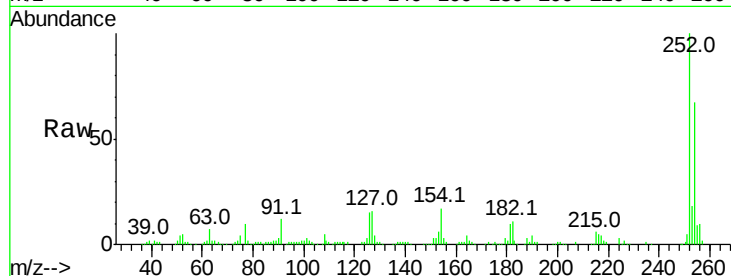
#81
 3,3'-Dichlorobenzidine
 Concen: 40.979 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.6	51.5	77.3
126	14.6	15.8	23.8

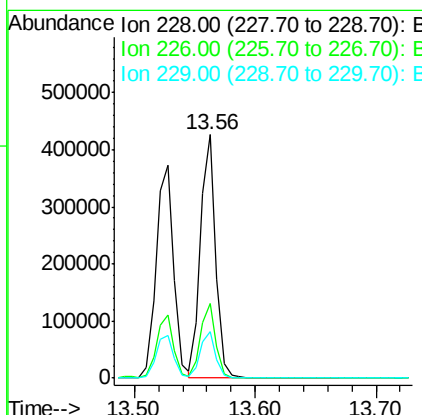
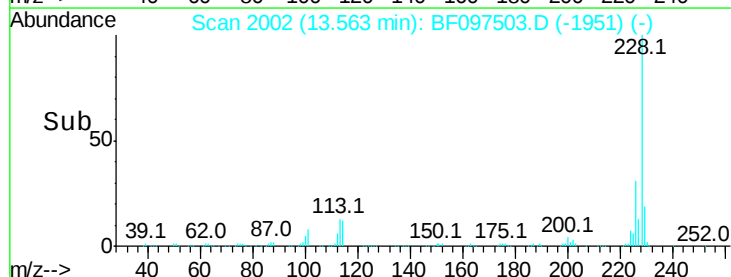
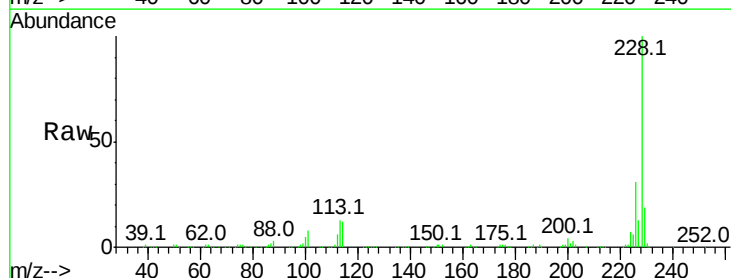
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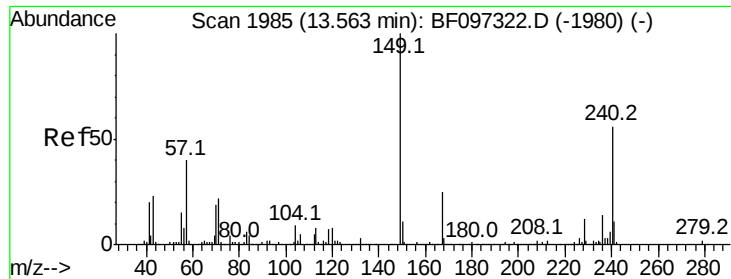
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#82
 Chrysene
 Concen: 40.386 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.9	37.3
229	18.9	15.8	23.6





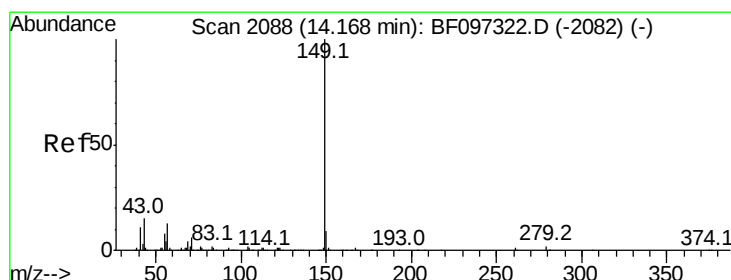
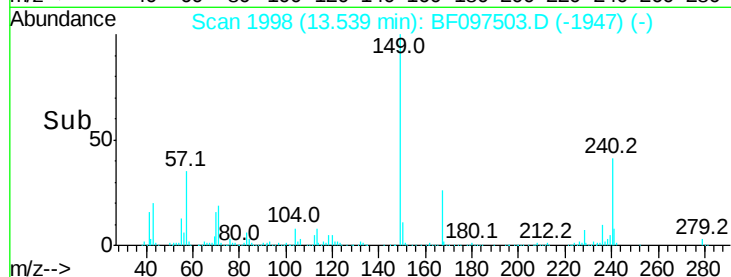
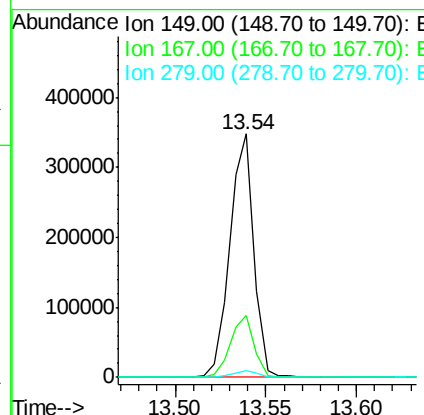
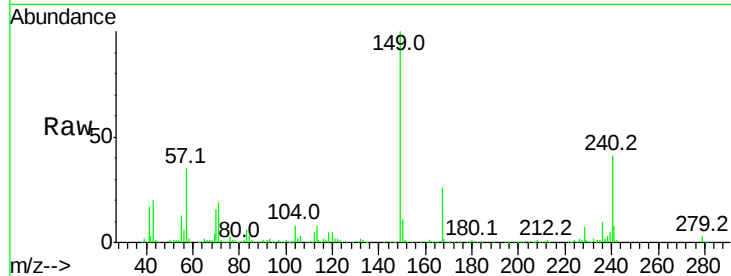
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.978 ng
 RT: 13.54 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.7	21.0	31.4	
279	2.7	1.9	2.9	

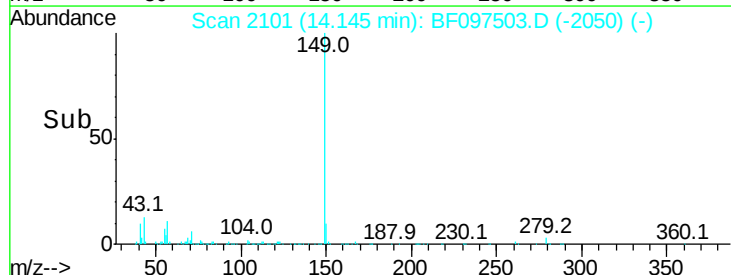
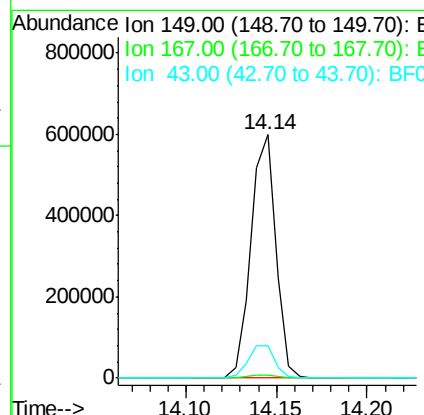
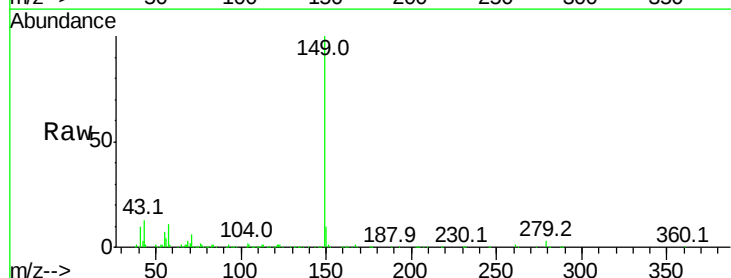
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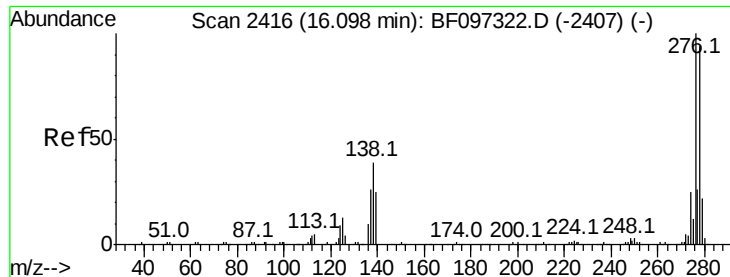
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#84
 Di-n-octyl phthalate
 Concen: 39.095 ng
 RT: 14.14 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	14.3	8.5	12.7	





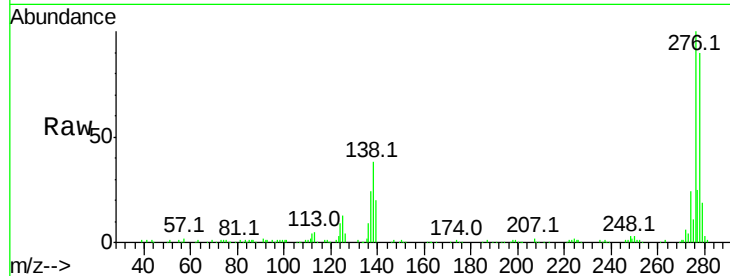
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.405 ng
 RT: 16.07 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

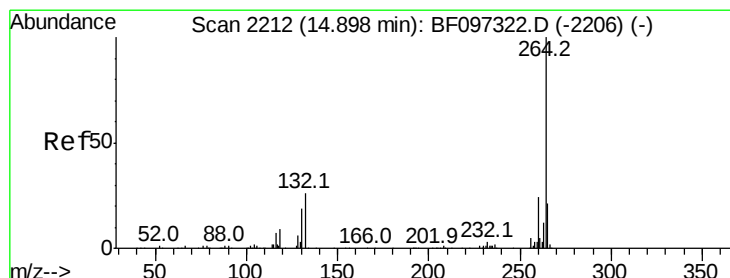
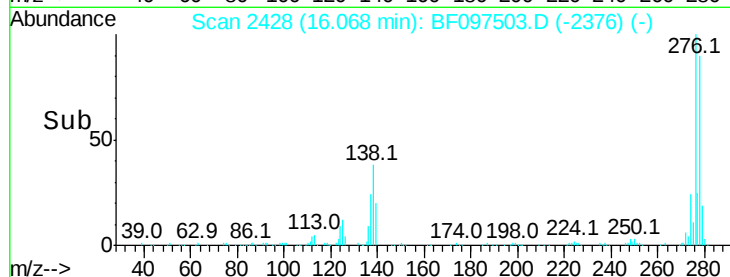
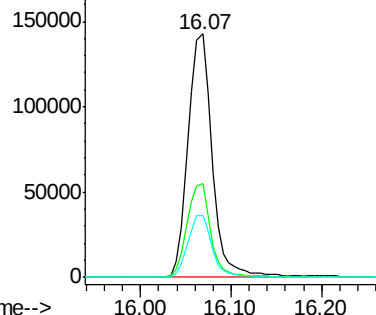
Tot Ion	Ratio	Resp	Lower	Upper
276	100	265452		
138	37.7		27.8	41.6
277	25.6		20.2	30.4

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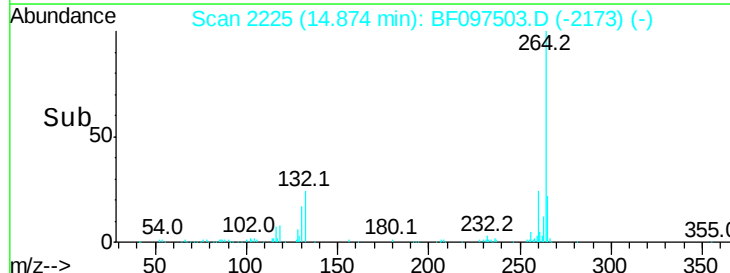
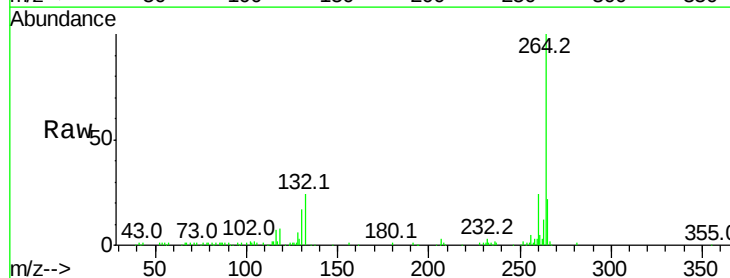
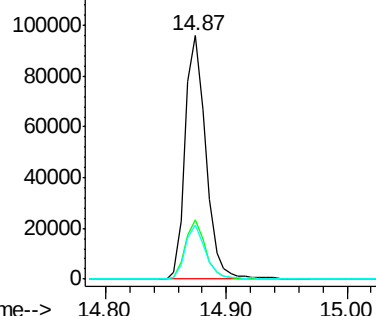
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

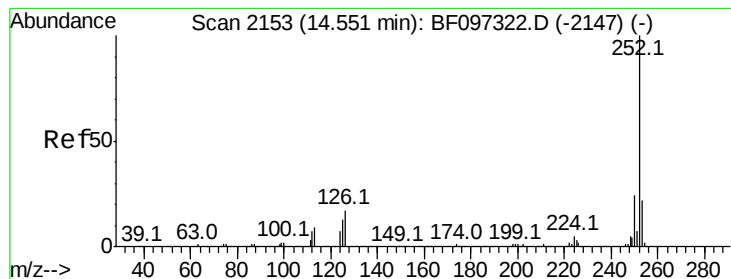


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	112703		
260	24.1		19.5	29.3
265	22.4		17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.228 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

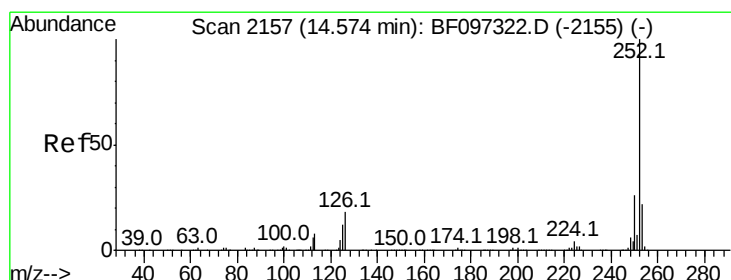
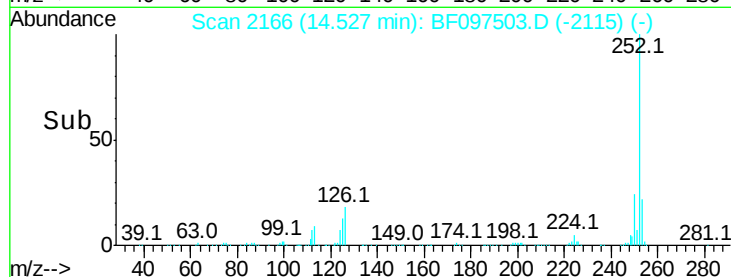
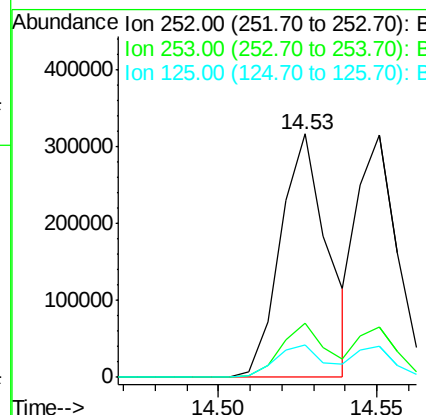
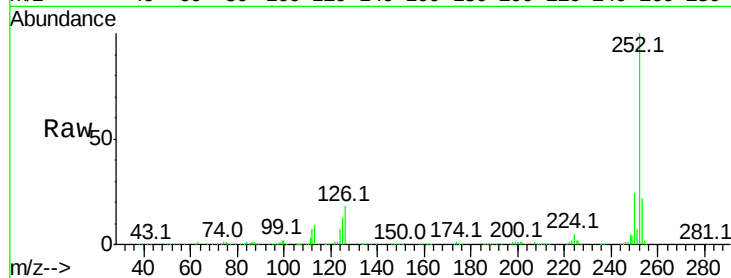
ClientSampleId :

PB101261BS

Tot Ion:	252	Resp:	326738
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	13.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.318 ng m

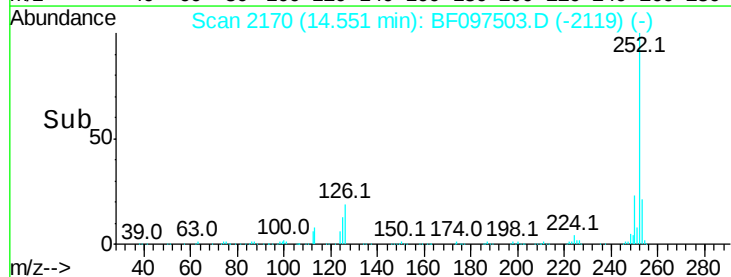
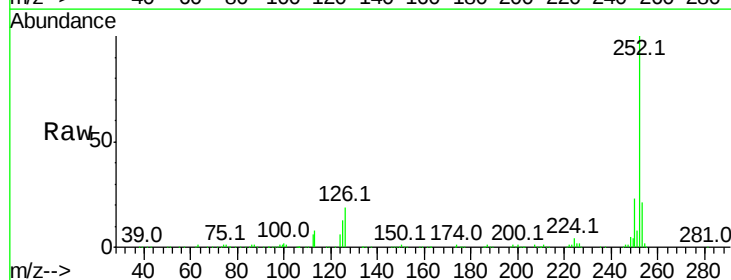
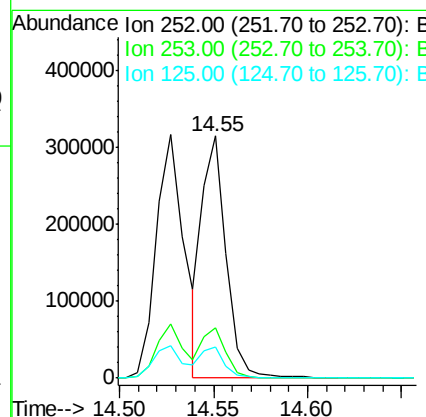
RT: 14.55 min Scan# 2170

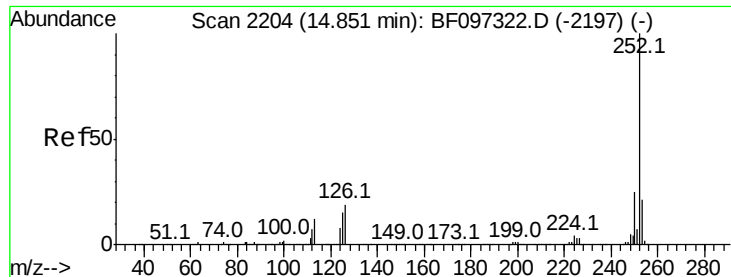
Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:	252	Resp:	279653
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	12.9	13.1	19.7#





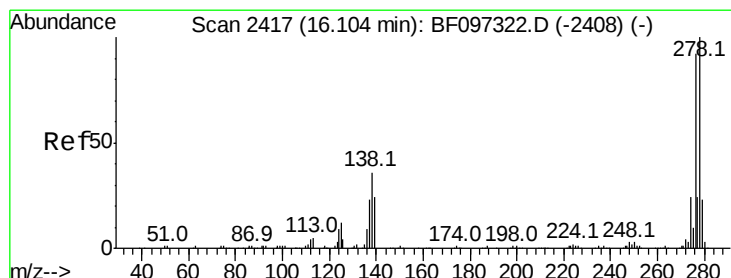
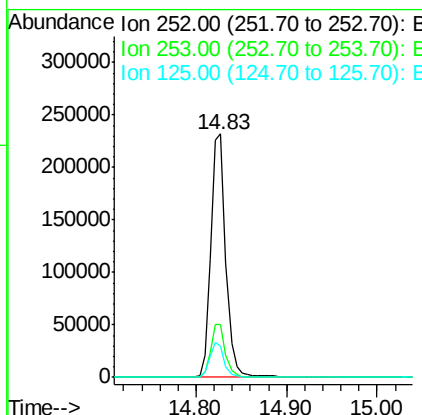
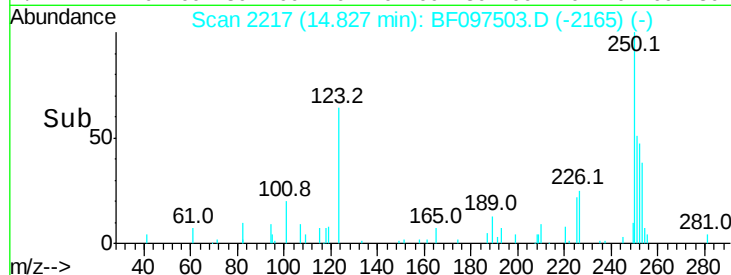
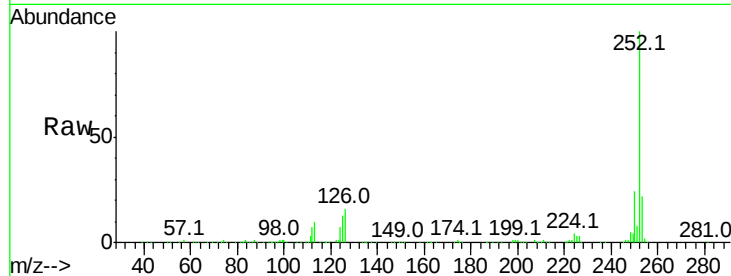
#89
Benzo(a)pyrene
Concen: 43.596 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.5	26.3
125	12.9	11.0	16.4

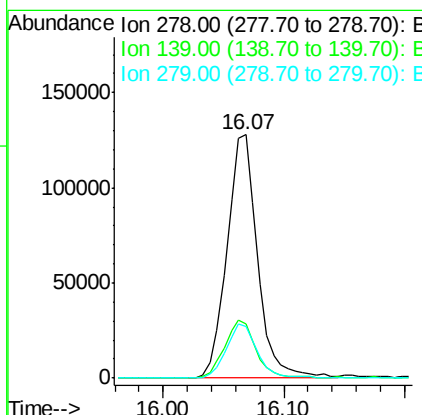
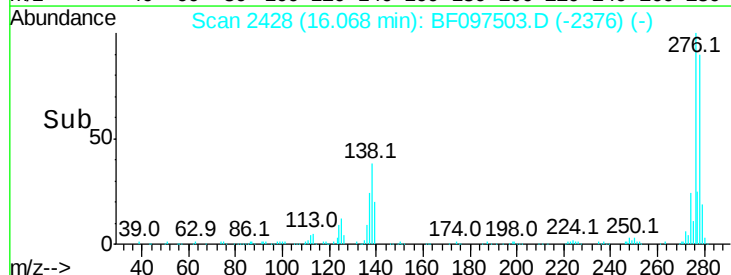
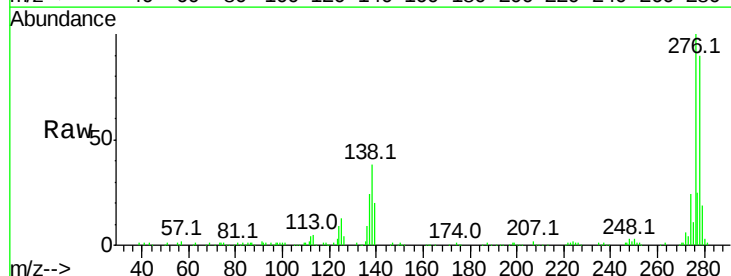
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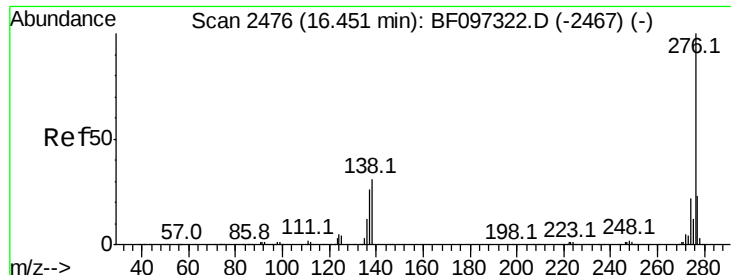
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.294 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.3	16.6	24.8
279	21.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 42.082 ng

RT: 16.42 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

Tot Ion:	276	Resp:	224391
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	32.2	25.4	38.0

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