

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097161.D
 Acq On : 28 Jul 2017 18:39
 Operator : SJ/JU
 Sample : PB101039BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:52:13 PM

Quant Time: Jul 28 23:04:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	96930	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	430361	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	172781	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	338063	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	210527	20.00	ng	-0.01
86) Perylene-d12	14.96	264	172466	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	711303	110.62	ng	0.00
7) Phenol-d6	6.16	99	880987	120.02	ng	-0.01
23) Nitrobenzene-d5	7.06	82	533524	72.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	175201	128.34	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	951128	93.42	ng	-0.02
78) Terphenyl-d14	12.57	244	788656	76.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	89676	33.421	ng	# 75
3) Pyridine	2.71	79	278735	33.924	ng	# 66
4) n-Nitrosodimethylamine	2.66	42	168183	36.948	ng	# 83
6) Aniline	6.15	93	166123	17.984	ng	# 56
8) 2-Chlorophenol	6.27	128	257286	37.421	ng	# 93
9) Benzaldehyde	6.03	77	189376	43.586	ng	# 97
10) Phenol	6.16	94	312381	35.877	ng	# 96
11) bis(2-Chloroethyl)ether	6.23	93	251682	36.548	ng	# 93
12) 1,3-Dichlorobenzene	6.43	146	266838	36.014	ng	# 99
13) 1,4-Dichlorobenzene	6.50	146	284986	38.811	ng	# 95
14) 1,2-Dichlorobenzene	6.66	146	237824	37.094	ng	# 97
15) Benzyl Alcohol	6.65	79	188573	40.575	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	496571	35.952	ng	# 61
17) 2-Methylphenol	6.77	107	198350	37.380	ng	# 91
18) Hexachloroethane	6.99	117	98066	36.506	ng	# 80
19) n-Nitroso-di-n-propylamine	6.92	70	172500	35.701	ng	# 84
20) 3+4-Methylphenols	6.93	107	268403	38.728	ng	# 63
22) Acetophenone	6.90	105	337281	32.635	ng	# 98
24) Nitrobenzene	7.07	77	257228	33.667	ng	# 93
25) Isophorone	7.32	82	527243	36.699	ng	# 98
26) 2-Nitrophenol	7.39	139	157678	38.146	ng	# 85
27) 2,4-Dimethylphenol	7.45	122	258642	37.931	ng	# 96
28) bis(2-Chloroethoxy)methane	7.53	93	355512	37.919	ng	# 100
29) 2,4-Dichlorophenol	7.65	162	231780	39.458	ng	# 96
30) 1,2,4-Trichlorobenzene	7.72	180	210531	37.601	ng	# 97
31) Naphthalene	7.79	128	802717	39.569	ng	# 99
32) Benzoic acid	7.60	122	184316	36.200	ng	# 94
33) 4-Chloroaniline	7.85	127	111775	13.541	ng	# 96
34) Hexachlorobutadiene	7.92	225	109244	36.803	ng	# 95
35) Caprolactam	8.22	113	78238m	41.537	ng	#
36) 4-Chloro-3-methylphenol	8.36	107	226274	35.308	ng	# 88
37) 2-Methylnaphthalene	8.48	142	494226	38.477	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	178916	38.808	ng	# 99
40) Hexachlorocyclopentadiene	8.64	237	94183	60.199	ng	# 98

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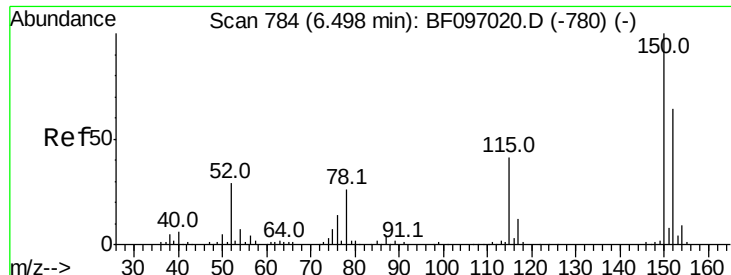
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	125525	37.572	nq	97
43) 2,4,5-Trichlorophenol	8.82	196	136622	40.856	nq	98
45) 1,1'-Biphenyl	8.95	154	543508	36.828	nq	98
46) 2-Chloronaphthalene	8.97	162	410057	37.758	nq	93
47) 2-Nitroaniline	9.07	65	154227	39.131	nq	93
48) Acenaphthylene	9.38	152	679631	40.771	nq	99
49) Dimethylphthalate	9.26	163	512550	39.064	nq	100
50) 2,6-Dinitrotoluene	9.32	165	115866	41.636	nq	# 72
51) Acenaphthene	9.55	154	391541	39.876	nq	98
52) 3-Nitroaniline	9.48	138	55613	16.100	nq	95
53) 2,4-Dinitrophenol	9.60	184	101900	80.535	nq	# 74
54) Dibenzofuran	9.72	168	601895	46.021	nq	99
55) 4-Nitrophenol	9.67	139	151282	73.648	nq	# 54
56) 2,4-Dinitrotoluene	9.73	165	147925	46.240	nq	# 75
57) Fluorene	10.06	166	430409	43.786	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	103175	44.686	nq	98
59) Diethylphthalate	9.96	149	531859	44.184	nq	100
60) 4-Chlorophenyl-phenylether	10.06	204	175403	43.212	nq	98
61) 4-Nitroaniline	10.10	138	121947	37.155	nq	92
62) Azobenzene	10.22	77	454585	40.708	nq	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	72103	34.323	nq	89
65) n-Nitrosodiphenylamine	10.18	169	381004	32.391	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	119591	35.447	nq	98
67) Hexachlorobenzene	10.62	284	126104	33.332	nq	95
68) Atrazine	10.72	200	117597	34.865	nq	94
69) Pentachlorophenol	10.81	266	108386	69.240	nq	99
70) Phenanthrene	11.02	178	717325	39.602	nq	99
71) Anthracene	11.07	178	717194	38.658	nq	99
72) Carbazole	11.23	167	674257	36.954	nq	98
73) Di-n-butylphthalate	11.57	149	851481	37.753	nq	99
74) Fluoranthene	12.20	202	723648	40.780	nq	98
76) Benzidine	12.32	184	68370	8.752	nq	# 93
77) Pyrene	12.42	202	714605	41.462	nq	99
79) Butylbenzylphthalate	13.05	149	346124	39.480	nq	# 76
80) Benzo(a)anthracene	13.60	228	549739	40.357	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	107813	20.988	nq	# 97
82) Chrysene	13.65	228	527141	39.630	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	452023	39.489	nq	99
84) Di-n-octyl phthalate	14.23	149	759585	36.160	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.19	276	389113	34.116	nq	97
87) Benzo(b)fluoranthene	14.60	252	435745	42.031	nq	97
88) Benzo(k)fluoranthene	14.63	252	418918	42.404	nq	97
89) Benzo(a)pyrene	14.91	252	399114	42.063	nq	97
90) Dibenzo(a,h)anthracene	16.19	278	320124	41.142	nq	96
91) Benzo(g,h,i)perylene	16.55	276	339224	41.573	nq	98

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



#1

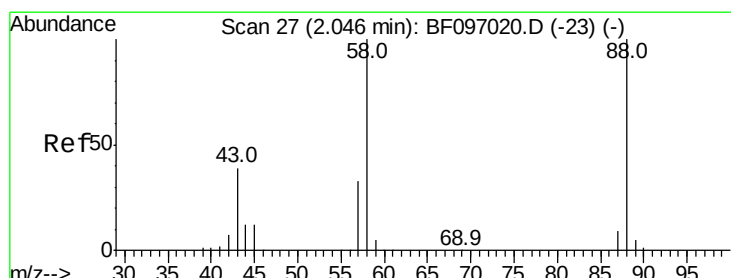
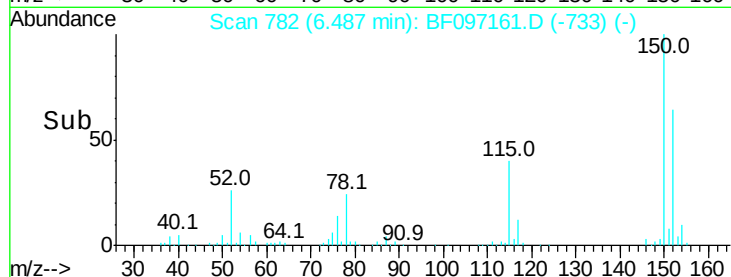
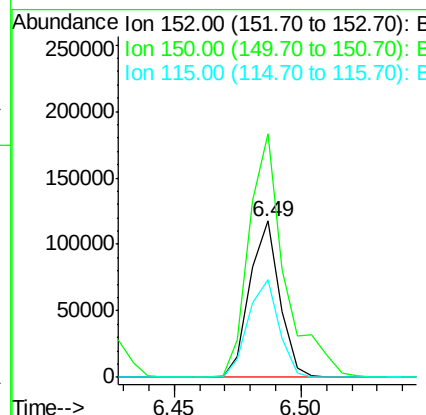
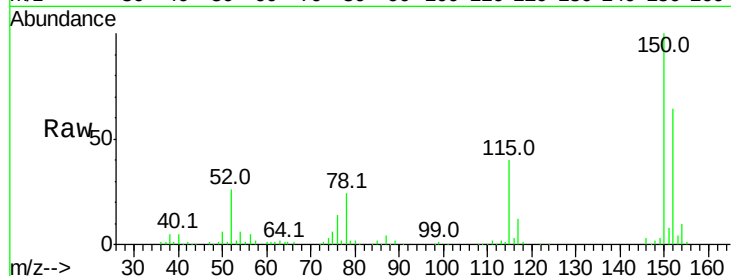
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	62.4	52.2	78.2

Manual Integrations
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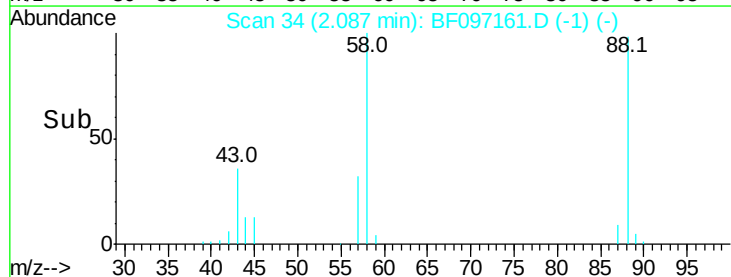
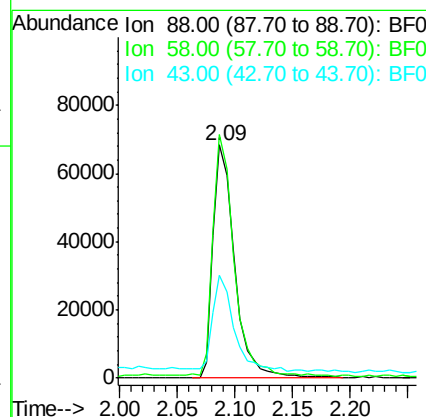
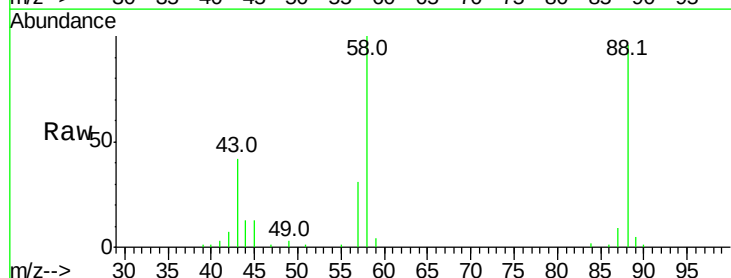
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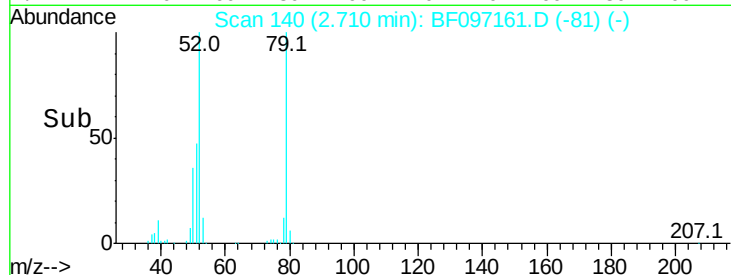
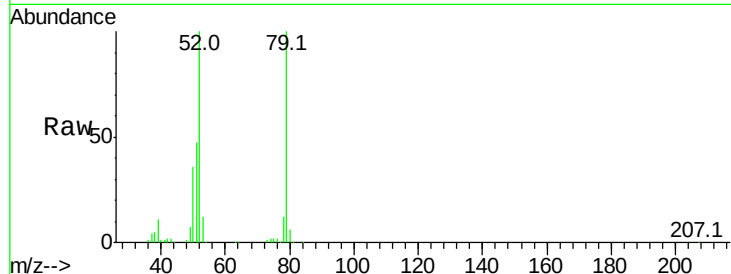
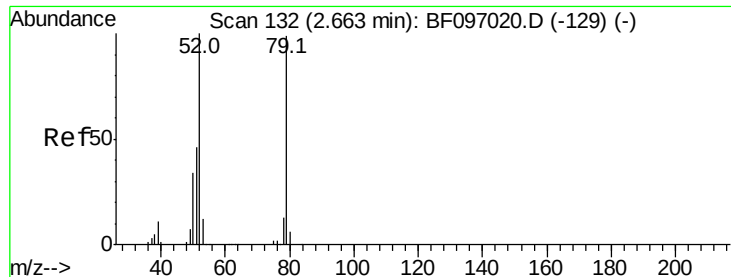


#2

1,4-Dioxane
Concen: 33.421 ng
RT: 2.09 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.8	61.4	92.0#
43	40.8	23.4	35.0#





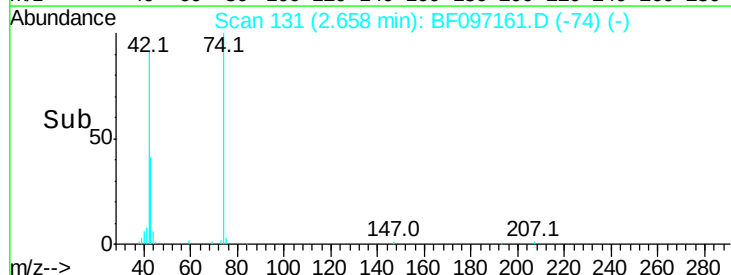
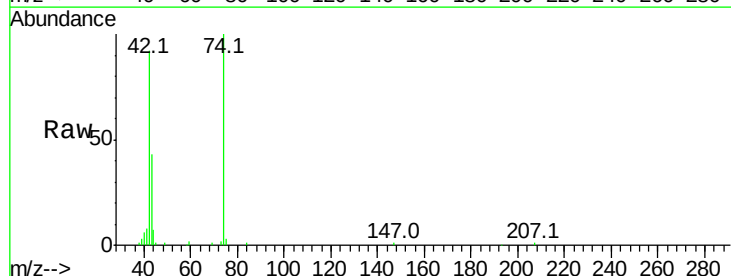
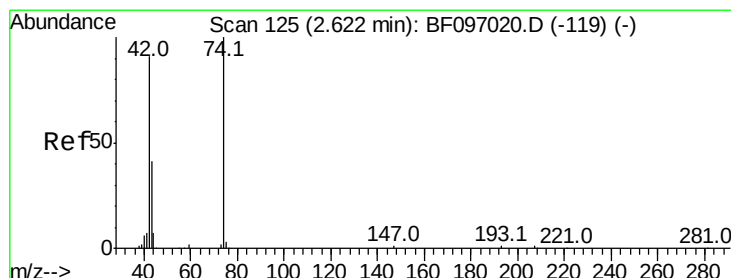
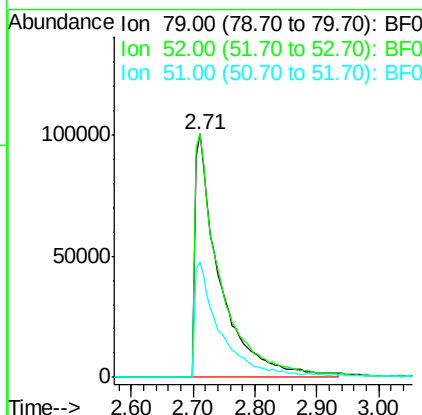
#3
Pvridine
Concen: 33.924 ng
RT: 2.71 min Scan# 140
Delta R.T. 0.05 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.0	54.8	82.2#
51	47.5	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
PB101039BS

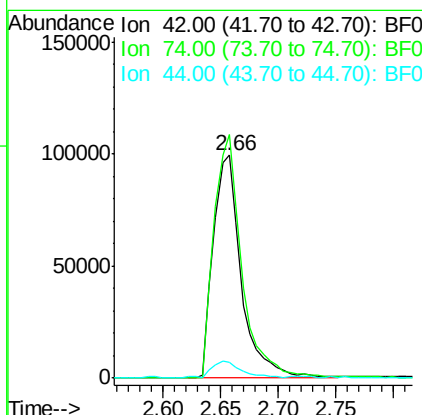
Manual Integrations
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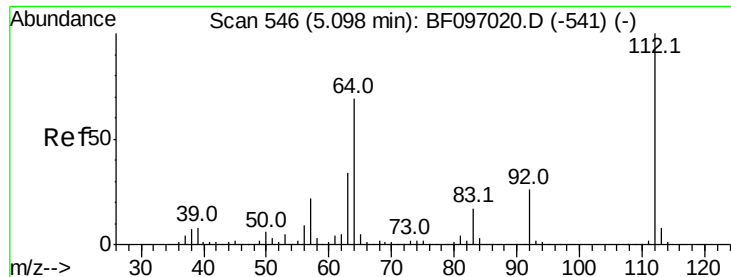
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#4
n-Nitrosodimethylamine
Concen: 36.948 ng
RT: 2.66 min Scan# 131
Delta R.T. 0.04 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.2	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 110.624 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

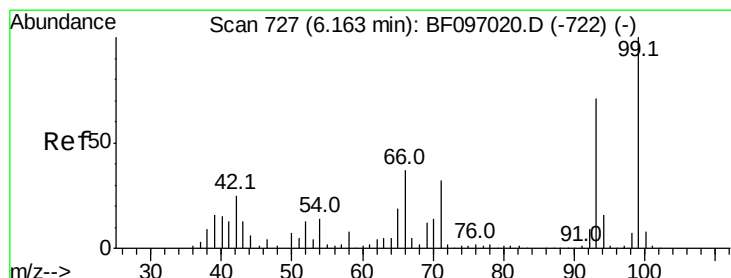
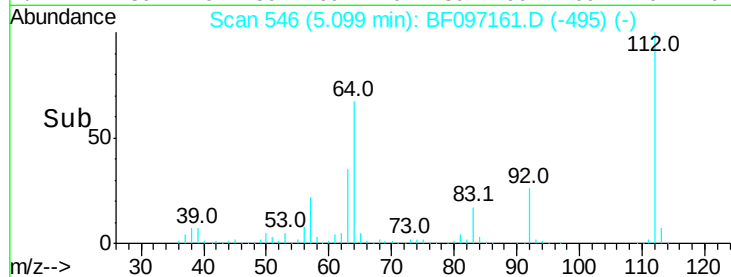
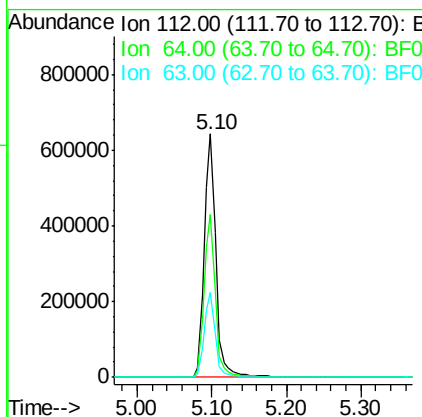
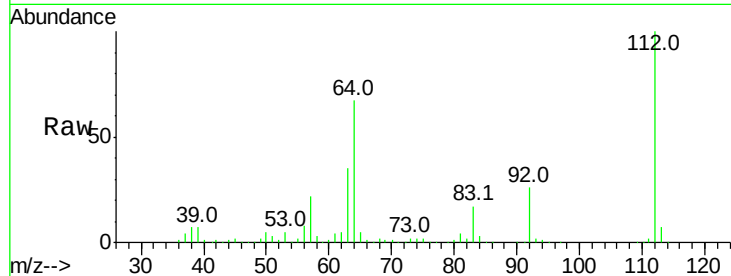
ClientSampleId :

PB101039BS

Tot Ion:	112	Resp:	711303
Ion Ratio		Lower	Upper
112	100		
64	66.9	46.0	69.0
63	34.8	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 17.984 ng

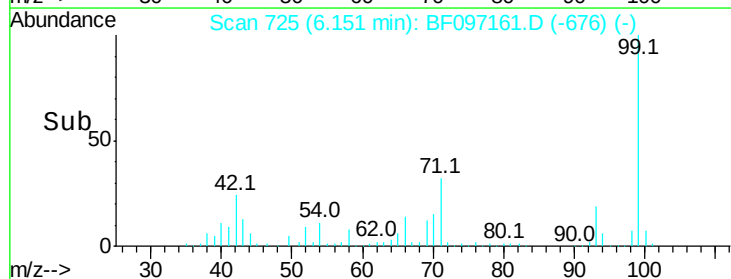
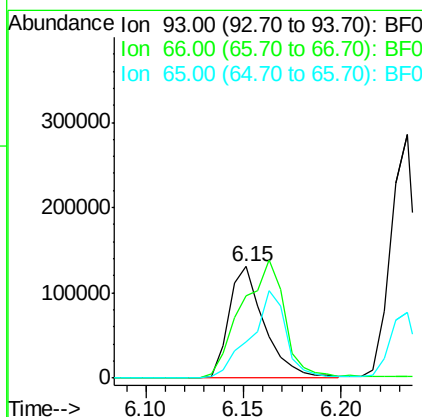
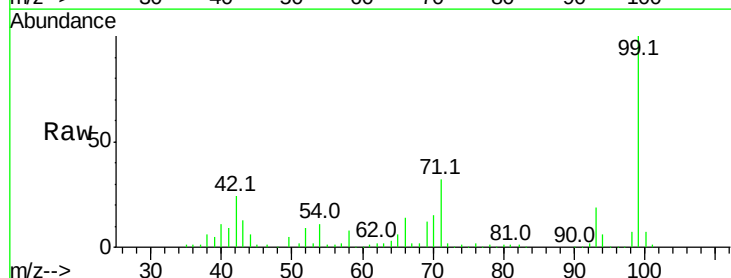
RT: 6.15 min Scan# 725

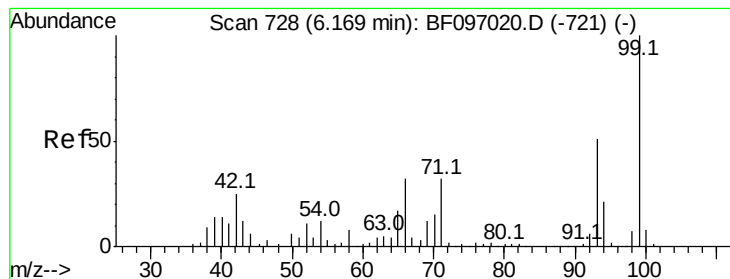
Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	93	Resp:	166123
Ion Ratio		Lower	Upper
93	100		
66	73.5	32.9	49.3#
65	32.9	16.0	24.0#





#7

Phenol-d6

Concen: 120.017 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

ClientSampleId :

PB101039BS

Tot Ion: 99 Resp: 880987

Ion Ratio Lower Upper

99 100

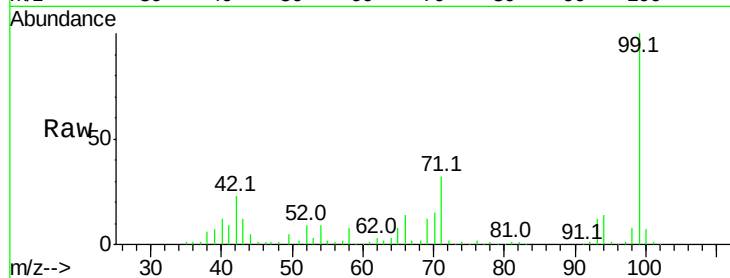
42 22.9 13.5 20.3#

71 31.5 24.5 36.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.16

800000

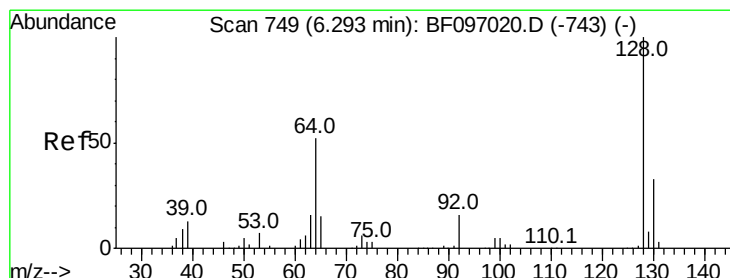
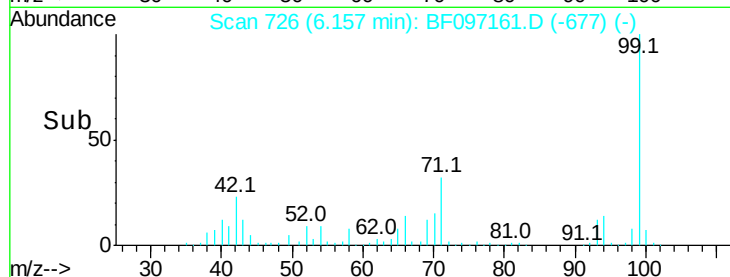
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 37.421 ng

RT: 6.27 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

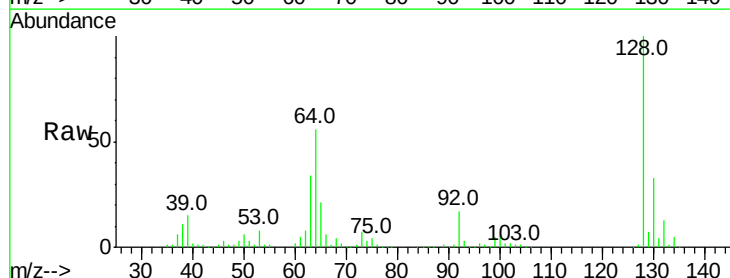
Tgt Ion: 128 Resp: 257286

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 55.9 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

6.27

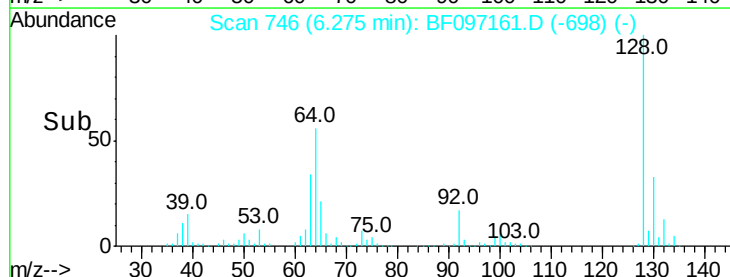
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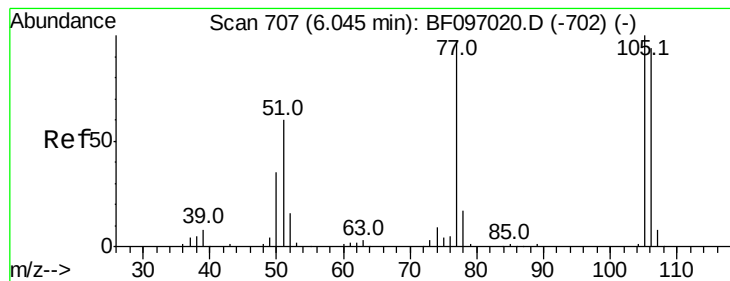
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100000

0

Time-->





#9

Benzaldehyde

Concen: 43.586 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

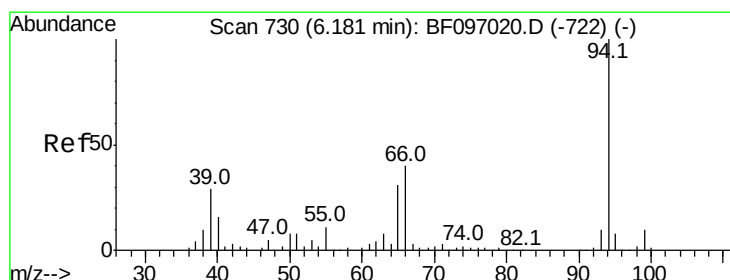
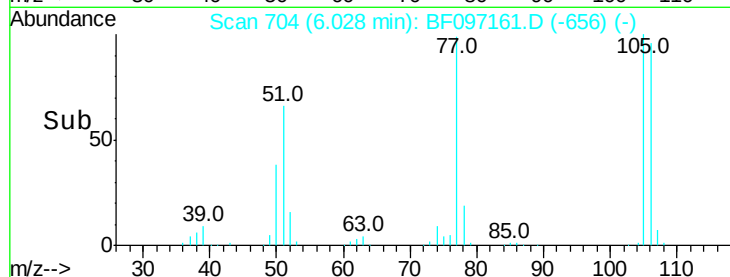
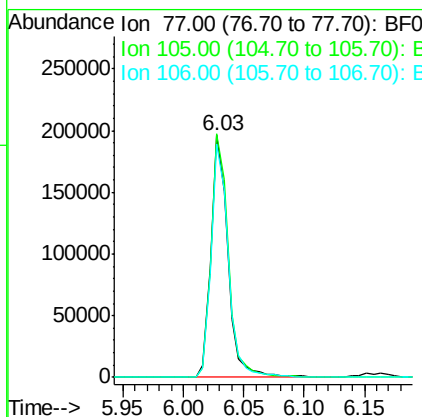
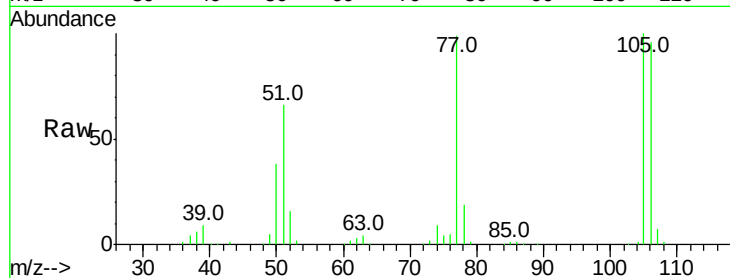
ClientSampled :

PB101039BS

Tot Ion:	77	Resp:	189376
Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.8	123.8
106	96.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 35.877 ng

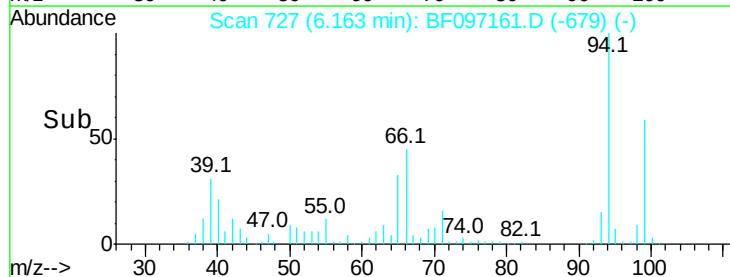
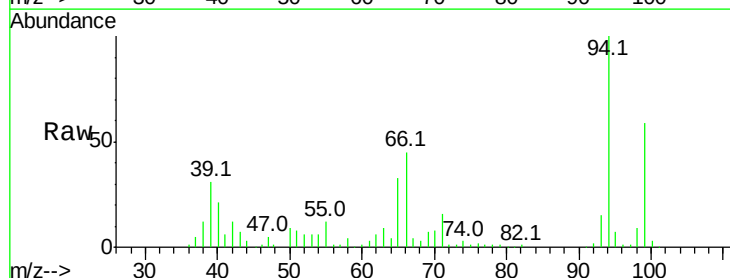
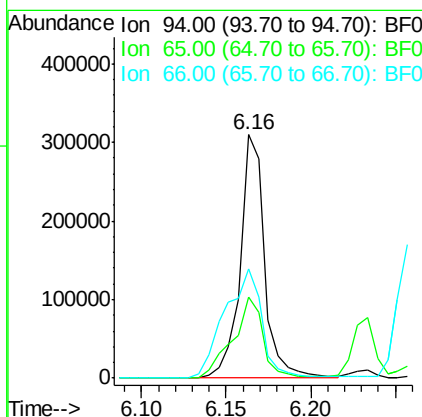
RT: 6.16 min Scan# 727

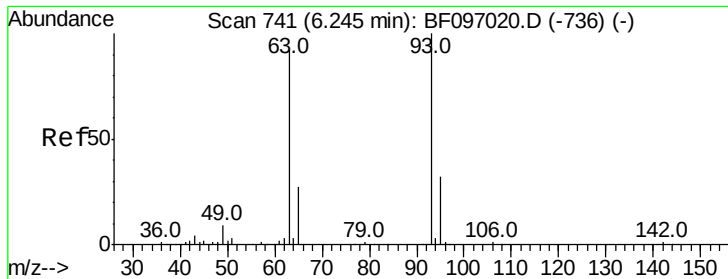
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	94	Resp:	312381
Ion	Ratio	Lower	Upper
94	100		
65	33.3	9.9	49.9
66	44.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 36.548 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

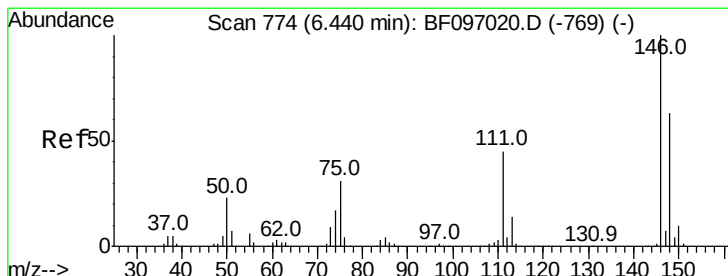
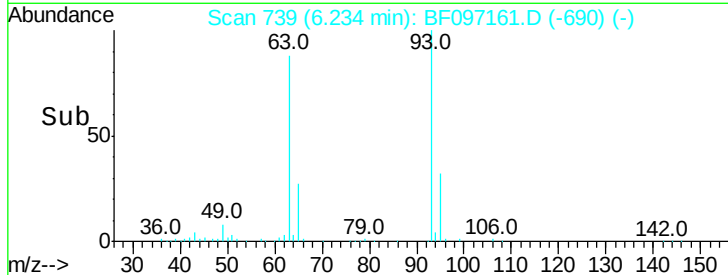
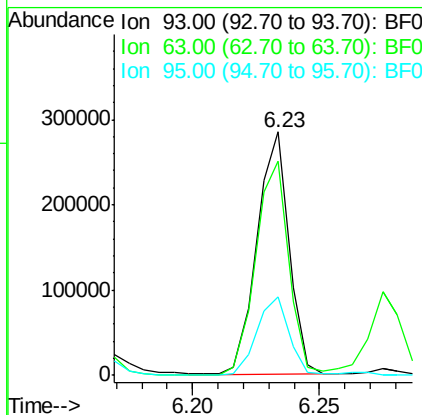
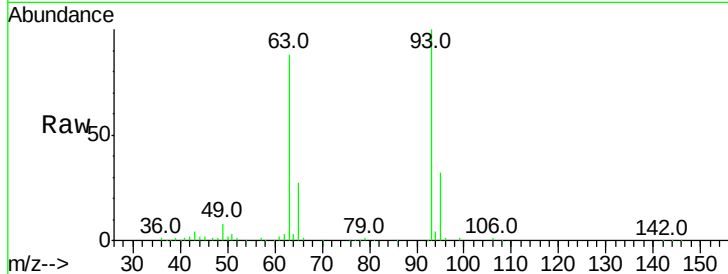
ClientSampleId :

PB101039BS

Tot Ion:	93	Resp:	251682
Ion Ratio	Lower	Upper	
93	100		
63	88.1	59.2	99.2
95	32.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.014 ng

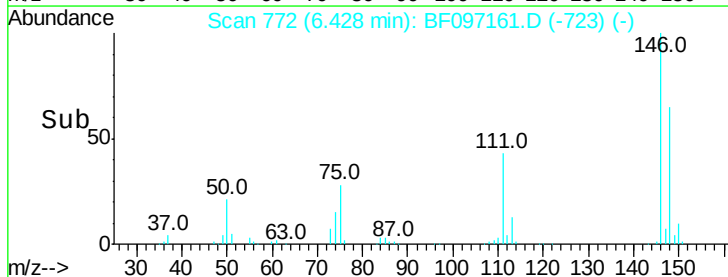
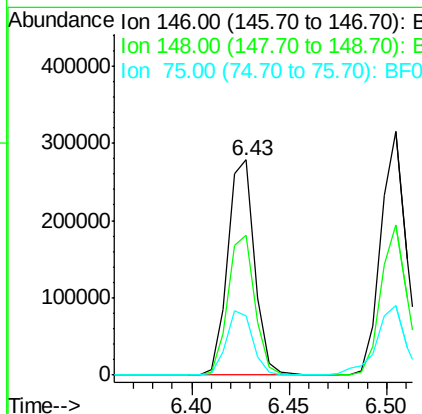
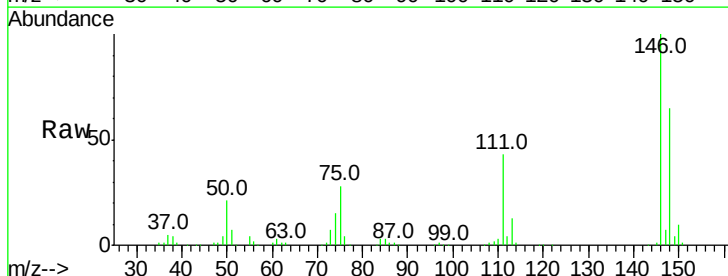
RT: 6.43 min Scan# 772

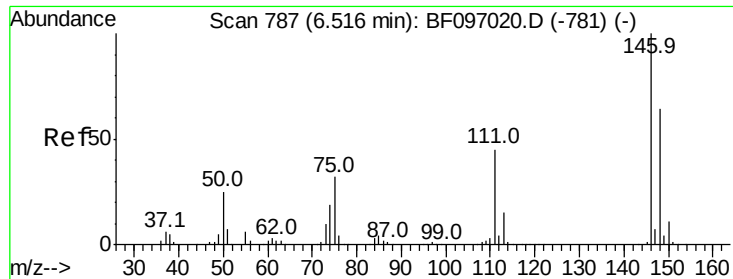
Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	146	Resp:	266838
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.6
75	27.8	23.1	34.7





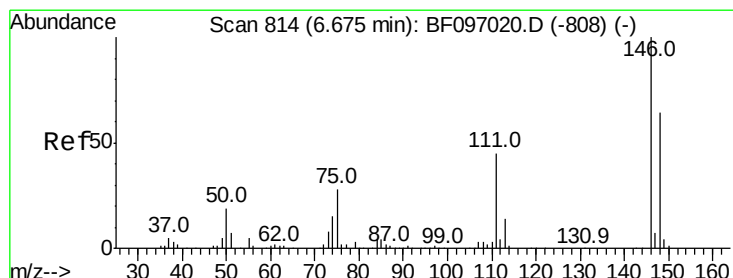
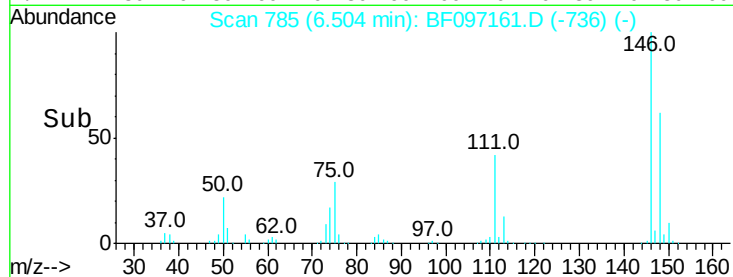
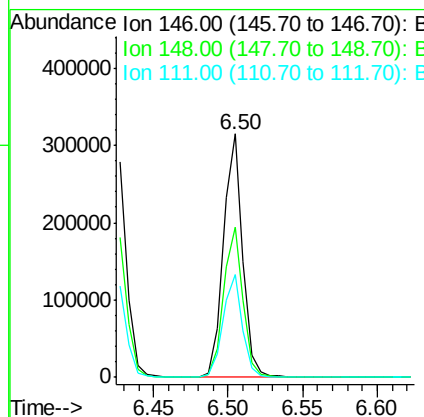
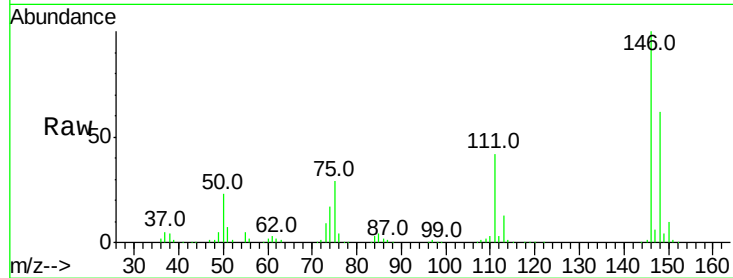
#13
 1,4-Dichlorobenzene
 Concen: 38.811 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	284986		
148	61.9		52.2	78.2
111	42.1		30.3	45.5

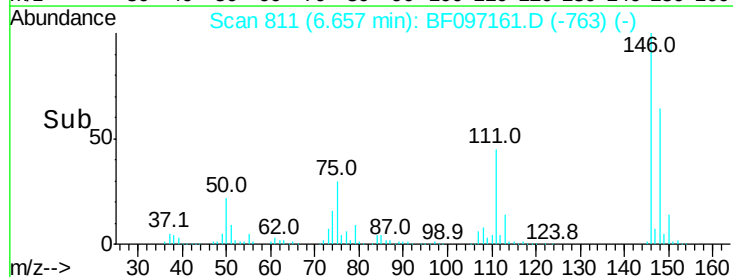
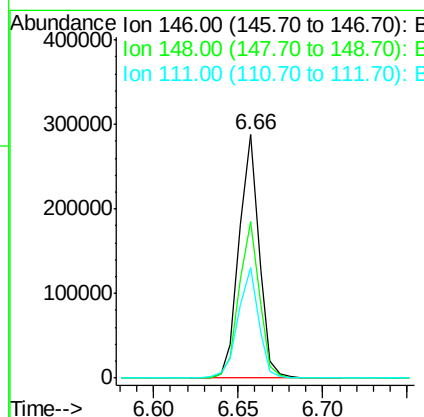
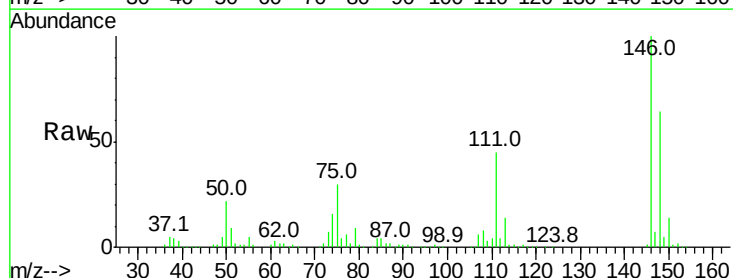
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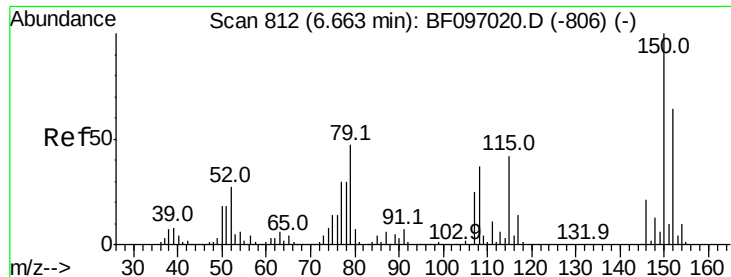
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#14
 1,2-Dichlorobenzene
 Concen: 37.094 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	237824		
148	64.1		50.4	75.6
111	45.1		38.2	57.4





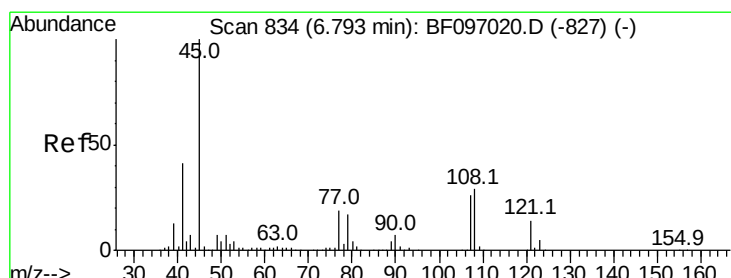
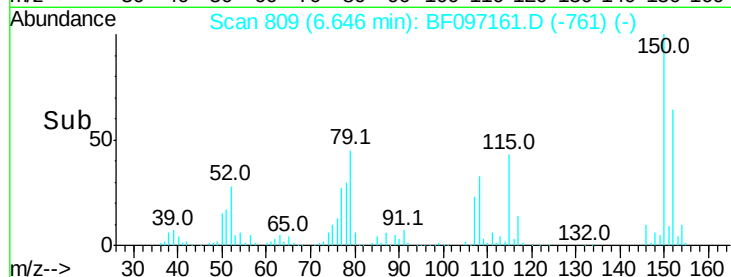
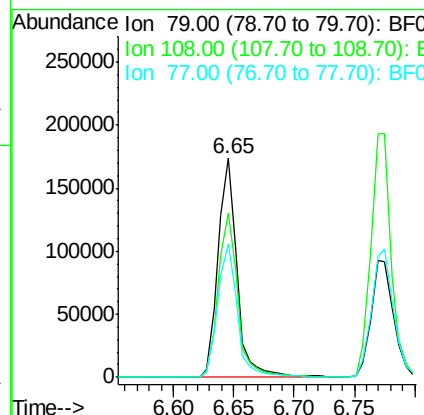
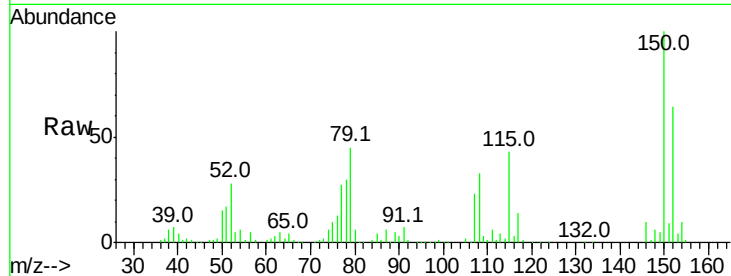
#15
Benzyl Alcohol
Concen: 40.575 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampled :
PB101039BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.0	63.4	95.0
77	61.3	49.2	73.8

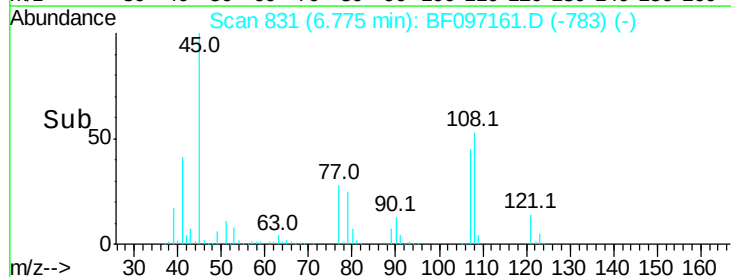
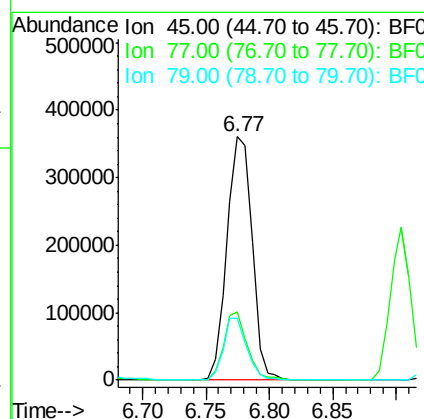
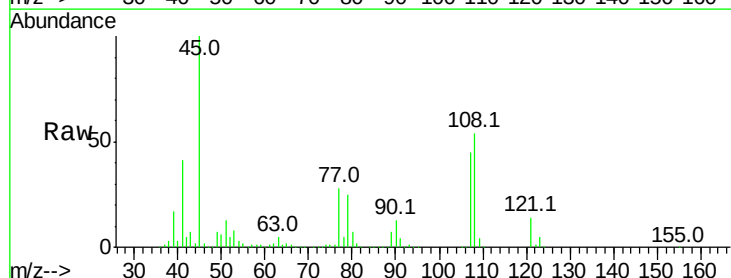
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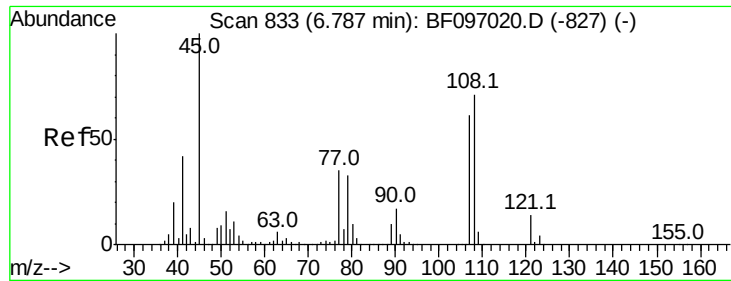
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.952 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.2	0.0	33.2
79	25.5	0.0	30.0





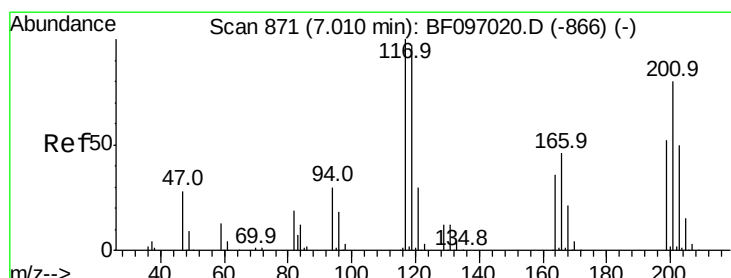
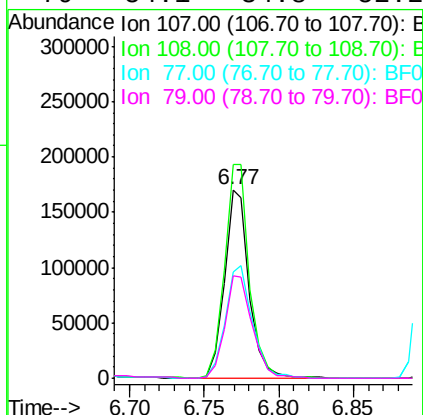
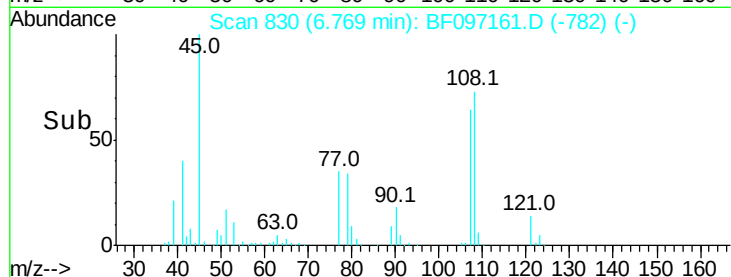
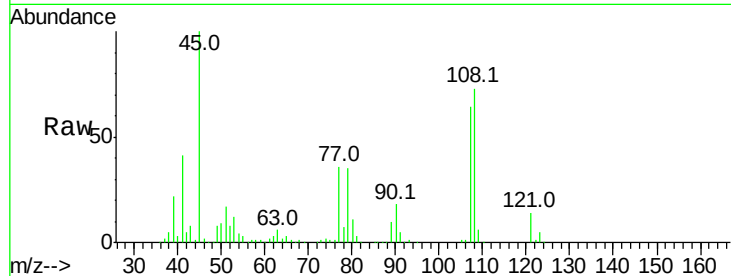
#17
2-Methylphenol
Concen: 37.380 ng
RT: 6.77 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	93.4	140.0	
77	56.2	35.8	53.6#	
79	54.1	34.8	52.2#	

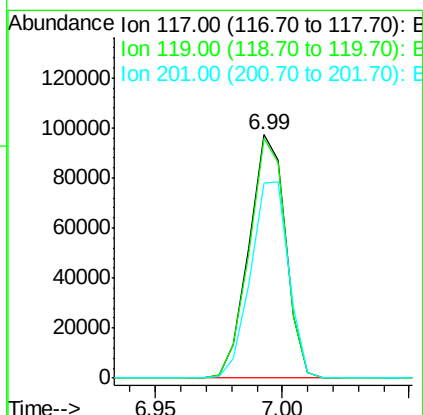
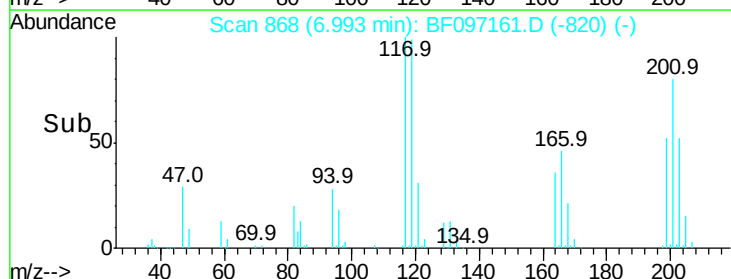
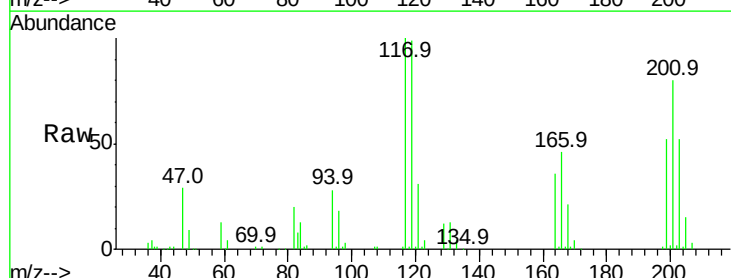
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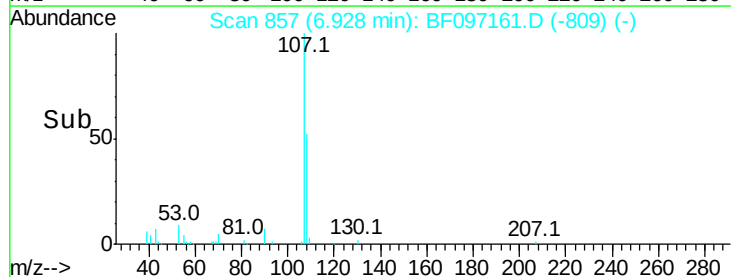
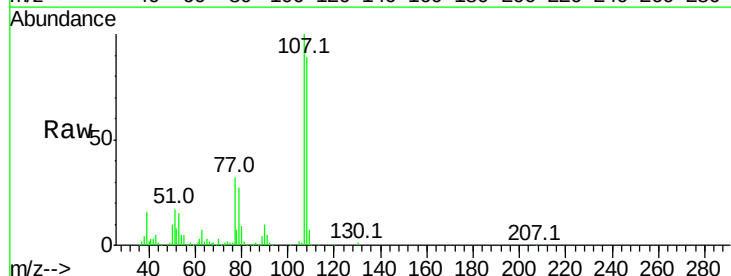
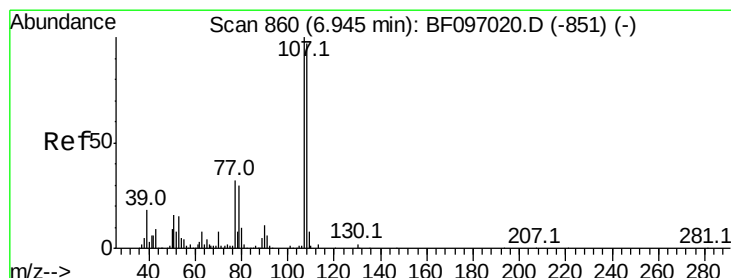
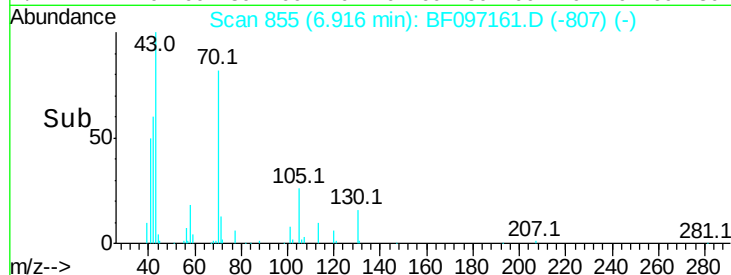
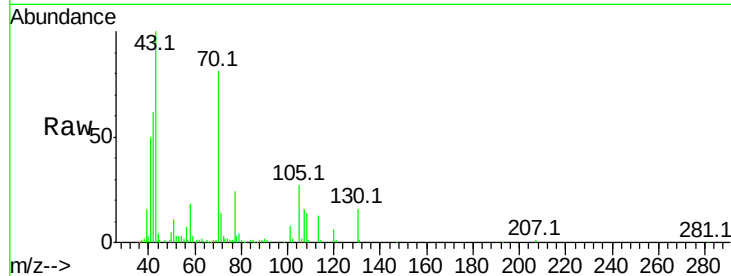
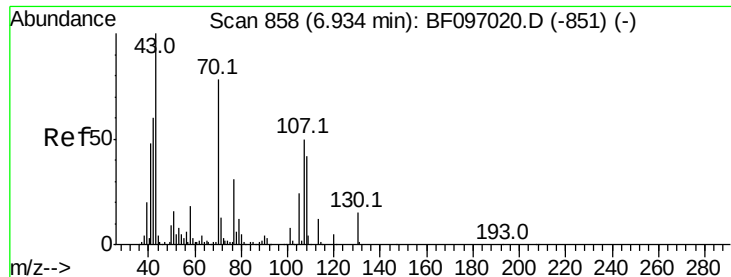
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#18
Hexachloroethane
Concen: 36.506 ng
RT: 6.99 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	77.4	116.0	
201	79.9	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 35.701 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

ClientSampleId :

PB101039BS

Tot Ion: 70 Resp: 172500

Ion Ratio Lower Upper

70 100

42 76.6 47.2 70.8#

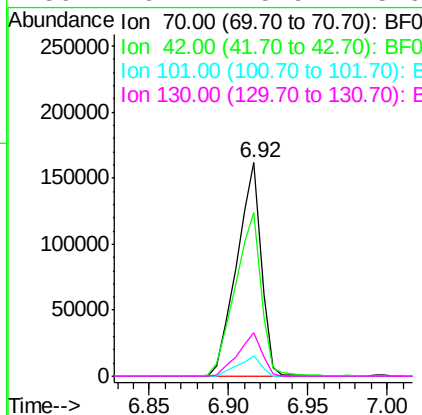
101 9.4 7.2 10.8

130 20.1 15.9 23.9

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#20

3+4-Methylphenols

Concen: 38.728 ng

RT: 6.93 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion: 107 Resp: 268403

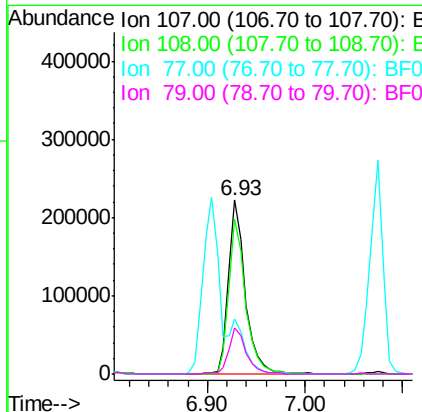
Ion Ratio Lower Upper

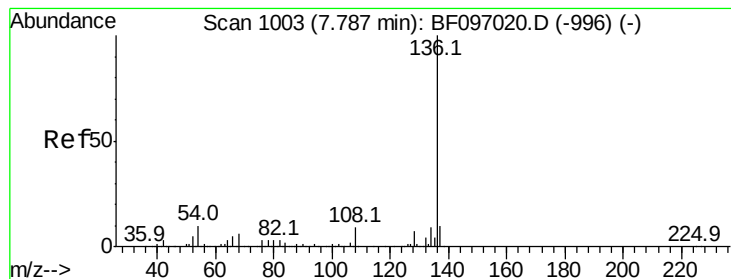
107 100

108 89.2 71.0 111.0

77 32.0 90.5 130.5#

79 26.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

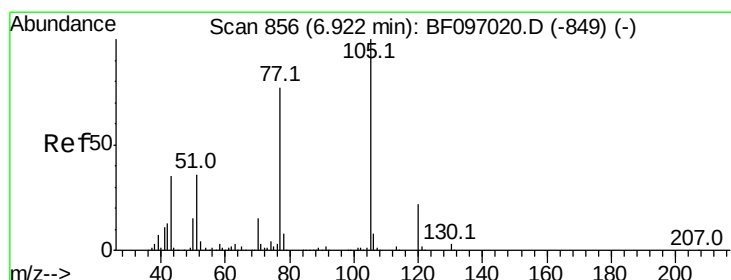
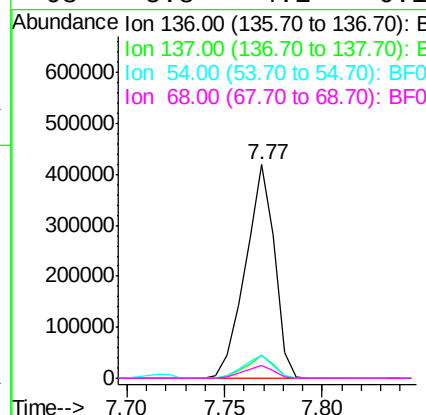
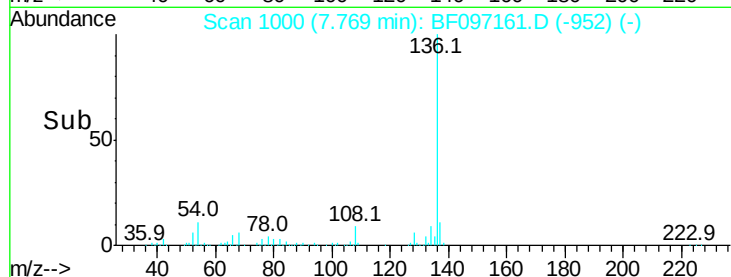
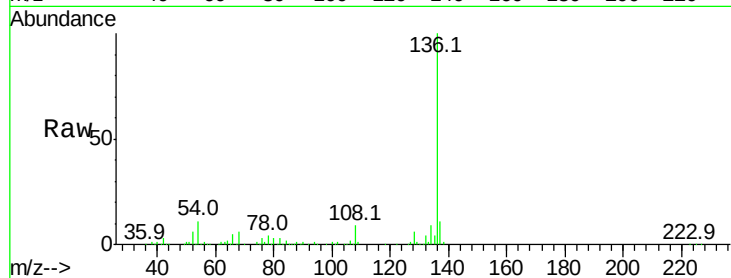
ClientSampleId :

PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	10.7	4.9	7.3	
68	5.8	4.1	6.1	

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#22

Acetophenone

Concen: 32.635 ng

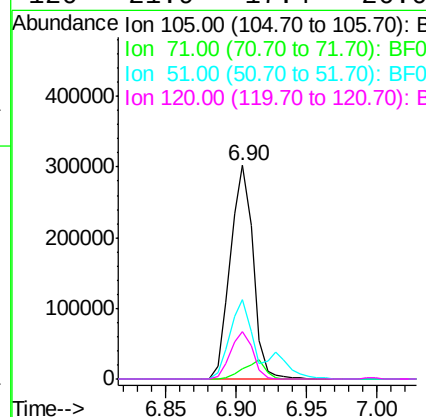
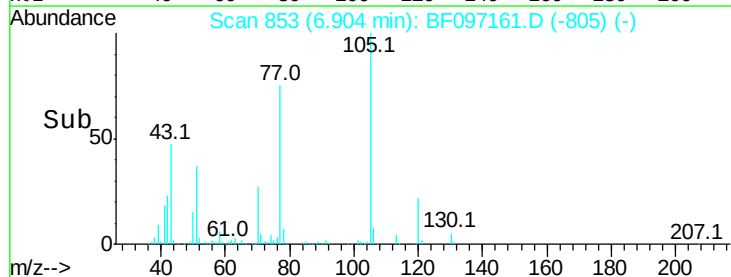
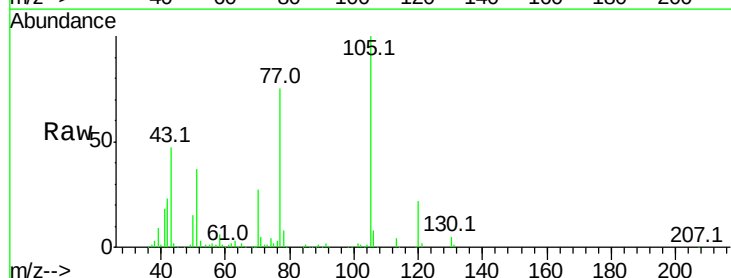
RT: 6.90 min Scan# 853

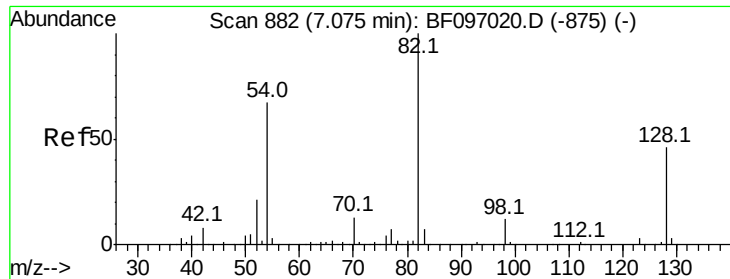
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	2.8	4.2	
51	36.9	30.7	46.1	
120	21.9	17.4	26.0	





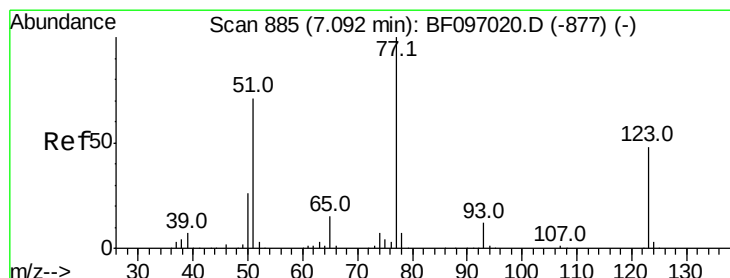
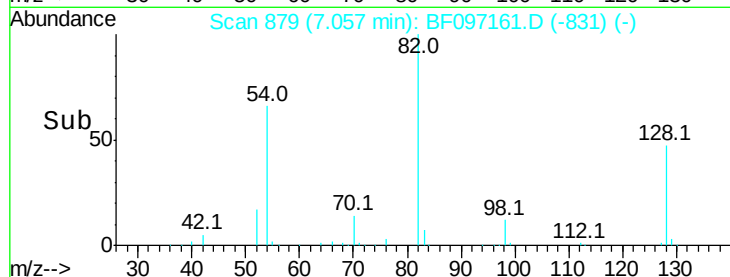
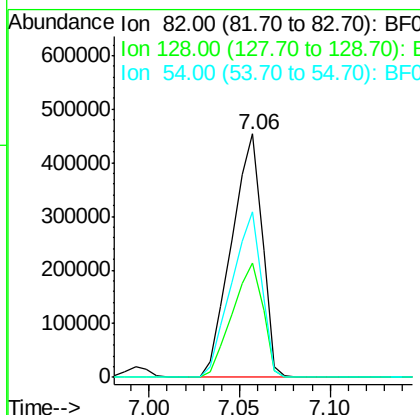
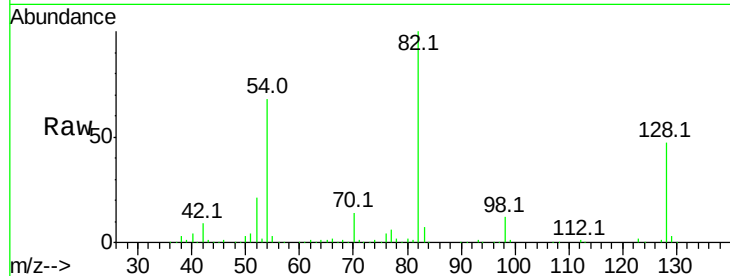
#23
 Nitrobenzene-d5
 Concen: 72.727 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	68.3	42.2	63.2

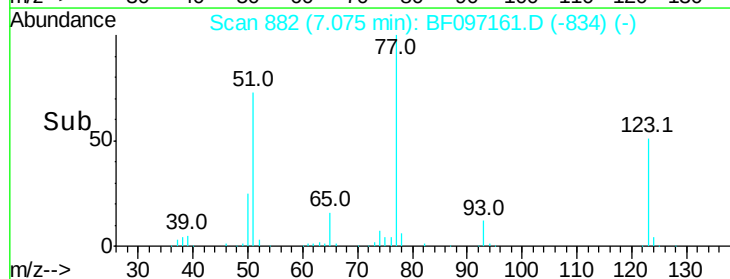
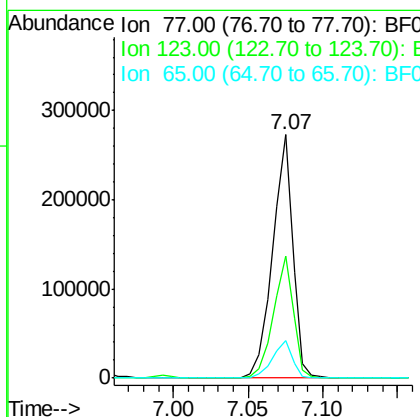
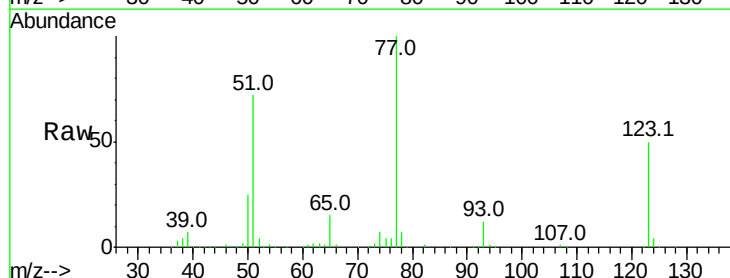
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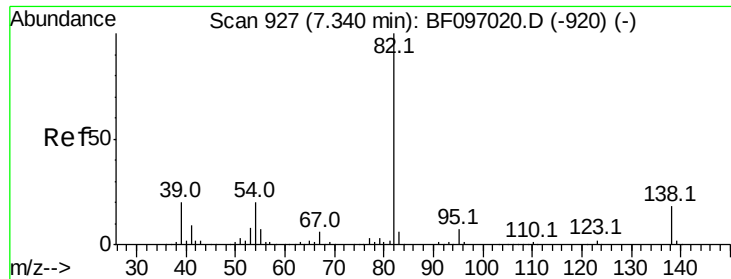
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#24
 Nitrobenzene
 Concen: 33.667 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	35.8	53.8
65	15.2	10.6	15.8





#25

Isophorone

Concen: 36.699 ng

RT: 7.32 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

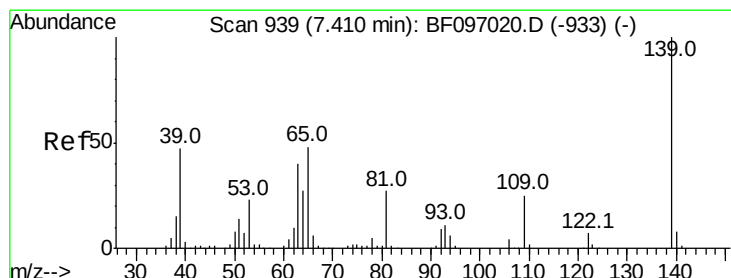
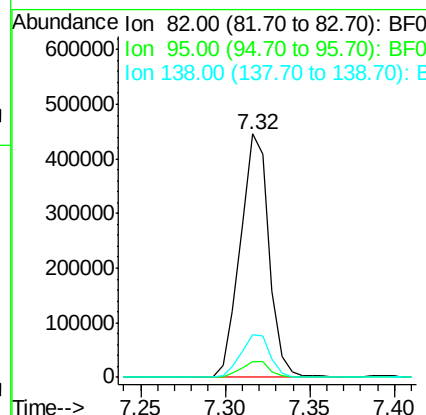
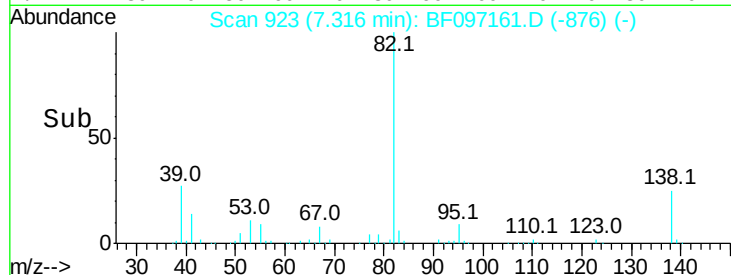
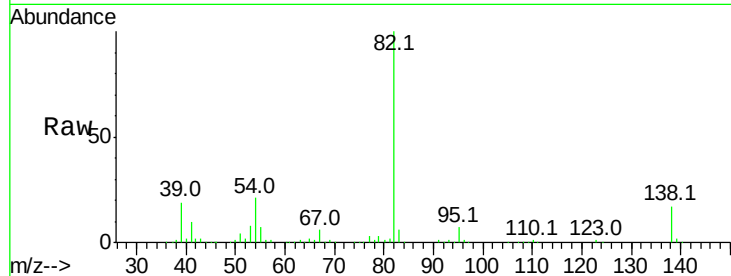
ClientSampleId :

PB101039BS

Tot Ion:	82	Resp:	527243
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	17.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 38.146 ng

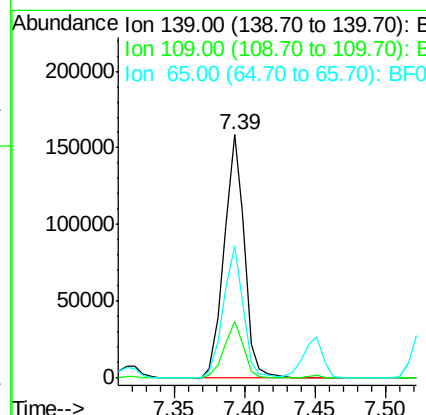
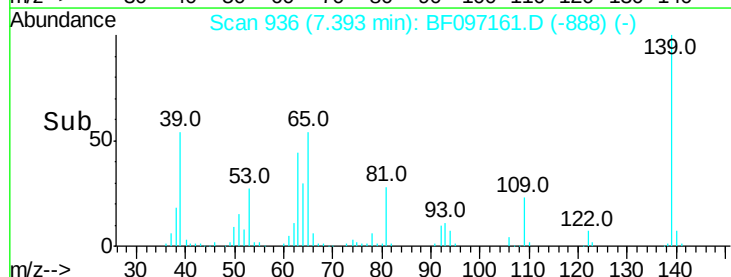
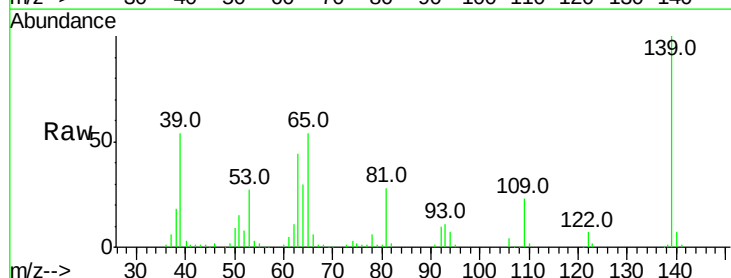
RT: 7.39 min Scan# 936

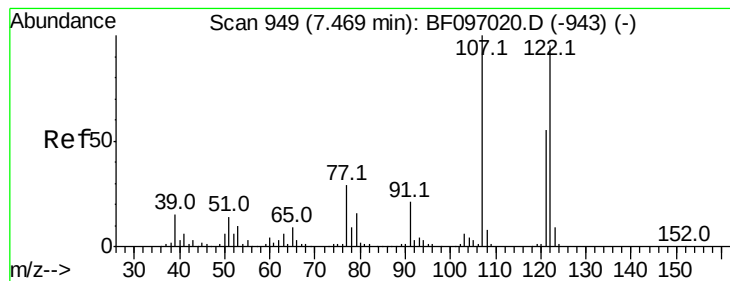
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	139	Resp:	157678
Ion Ratio	Lower	Upper	
139	100		
109	23.3	21.0	31.6
65	54.1	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 37.931 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

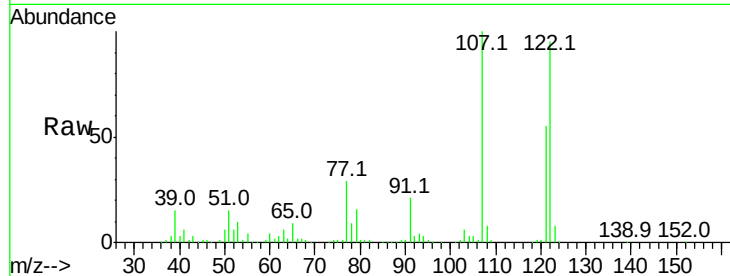
ClientSampleId :

PB101039BS

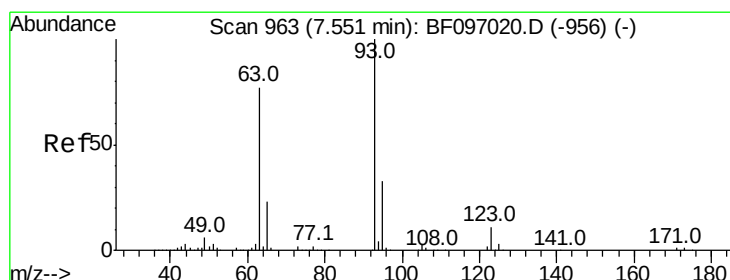
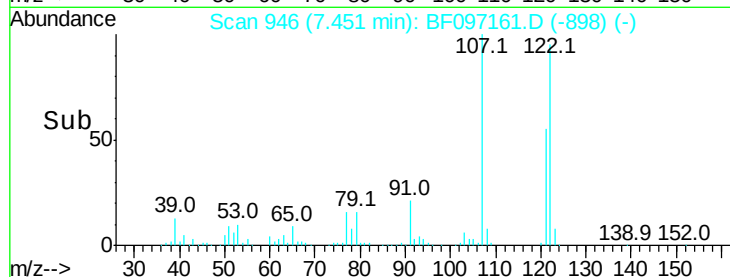
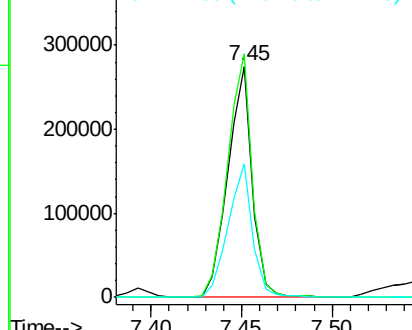
Tot Ion:	122	Resp:	258642
Ion Ratio	Lower	Upper	
122	100		
107	105.3	89.2	133.8
121	57.8	45.2	67.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.919 ng

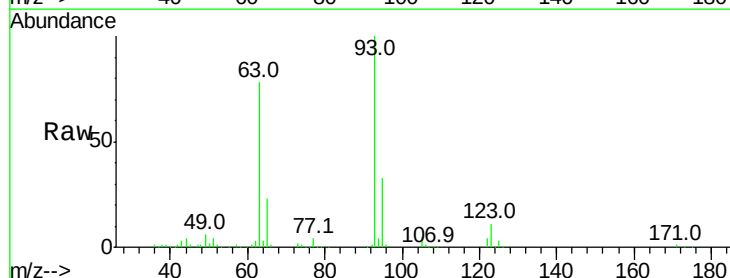
RT: 7.53 min Scan# 960

Delta R.T. -0.02 min

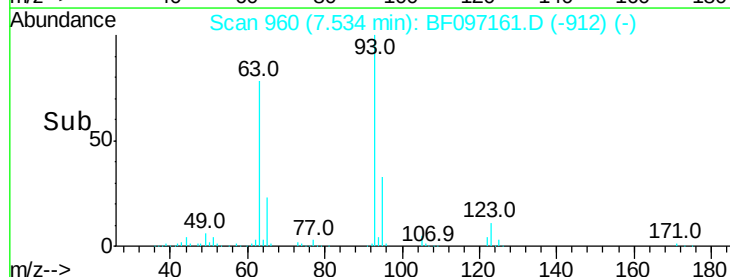
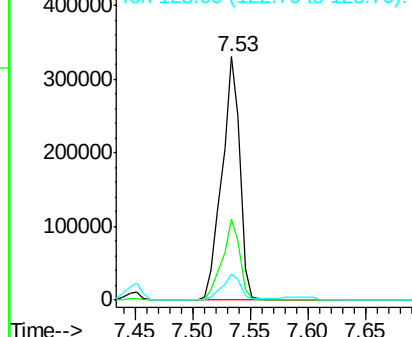
Lab File: BF097161.D

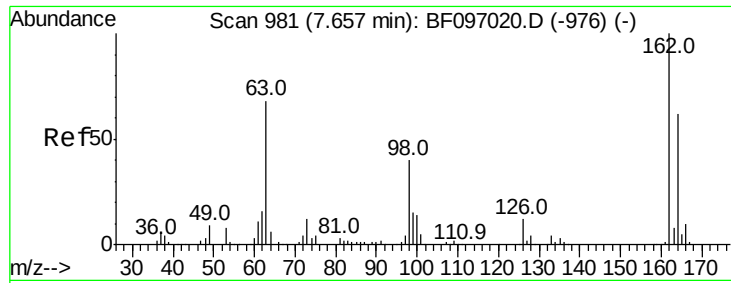
Acq: 28 Jul 2017 18:39

Tgt Ion:	93	Resp:	355512
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.6	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





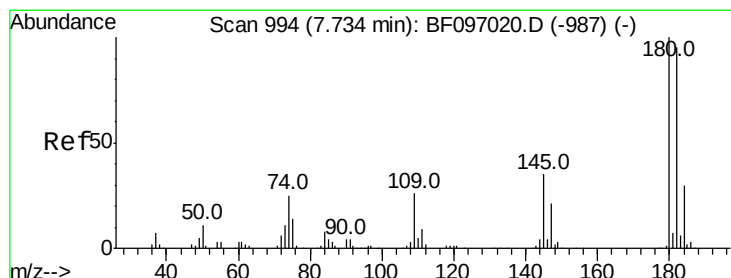
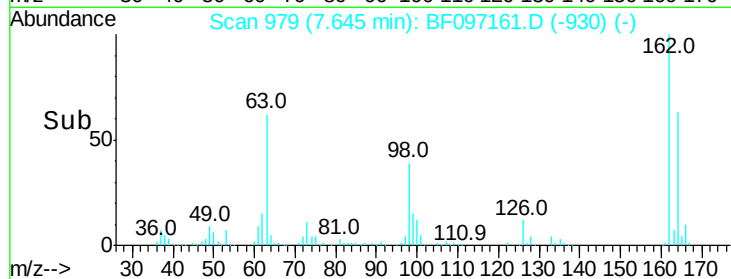
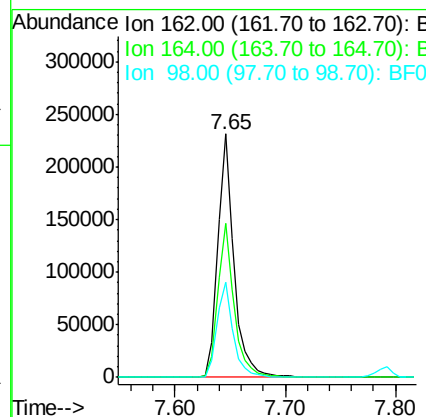
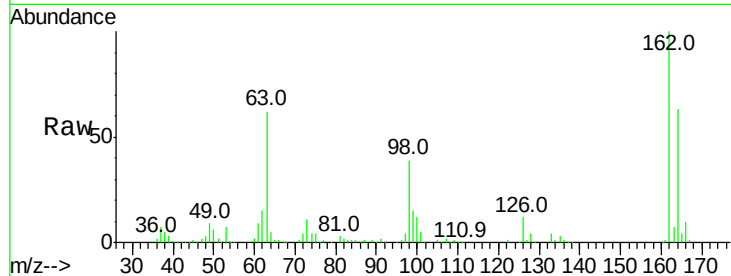
#29
 2,4-Dichlorophenol
 Concen: 39.458 ng
 RT: 7.65 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion:	162	Resp:	231780
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.6	84.6
98	38.9	14.8	54.8

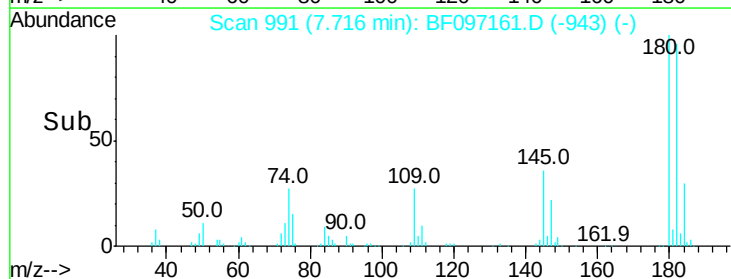
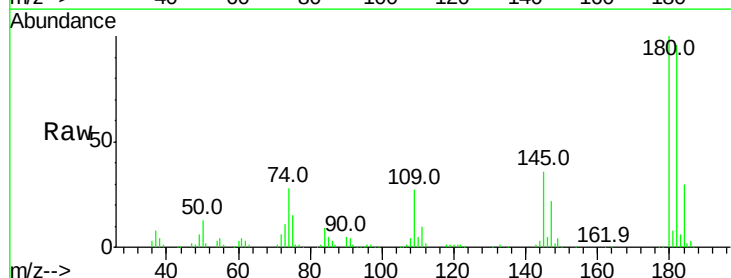
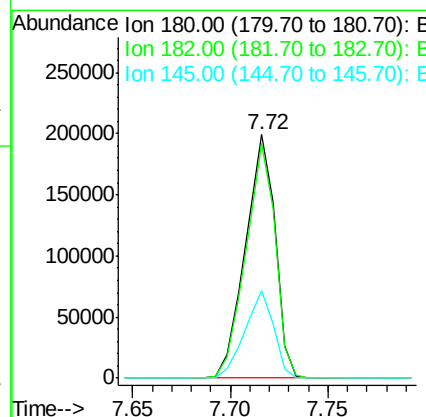
Manual Integrations
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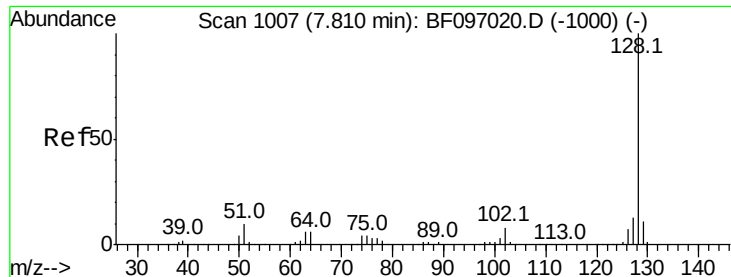
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.601 ng
 RT: 7.72 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion:	180	Resp:	210531
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.8	113.6
145	35.7	25.3	37.9





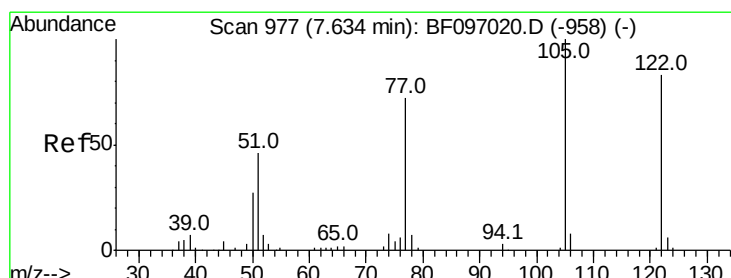
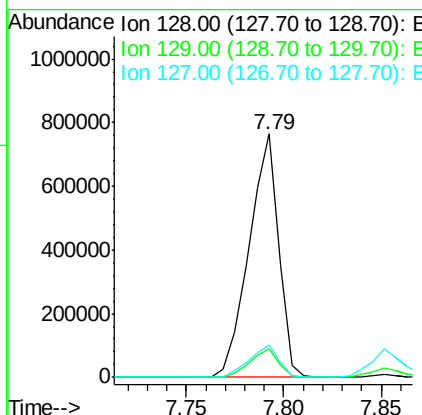
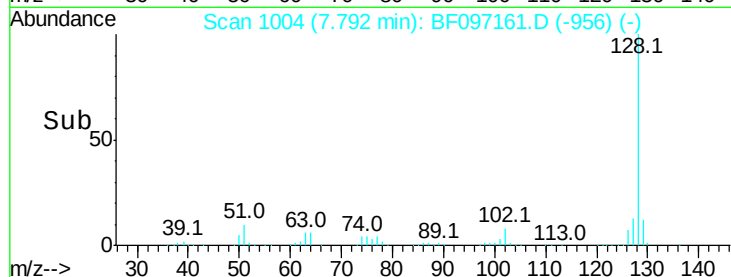
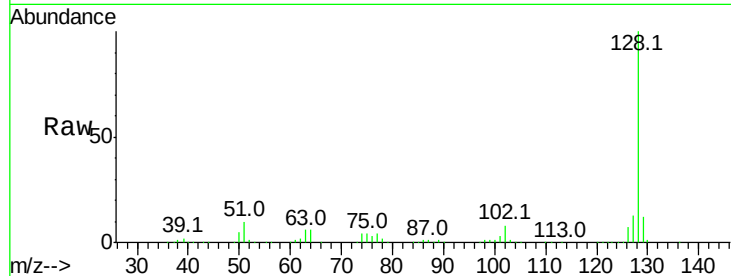
#31
Naphthalene
Concen: 39.569 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.0	13.6	
127	13.1	10.8	16.2	

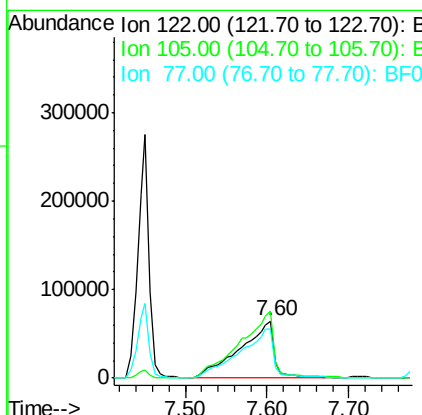
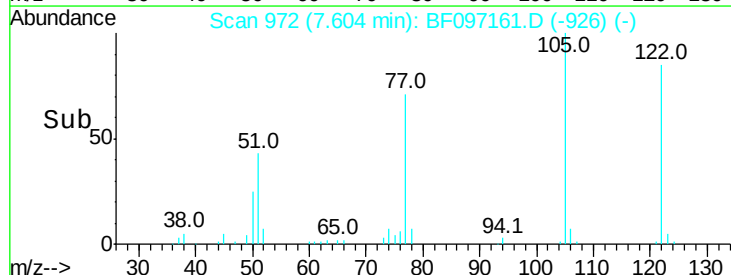
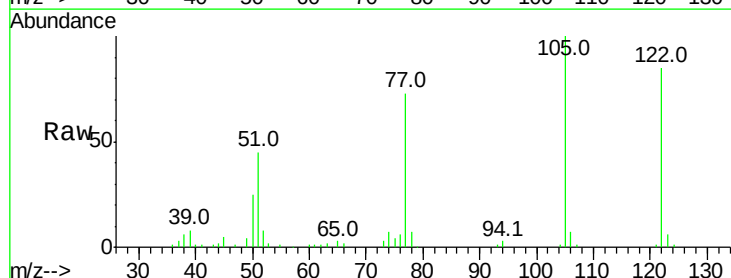
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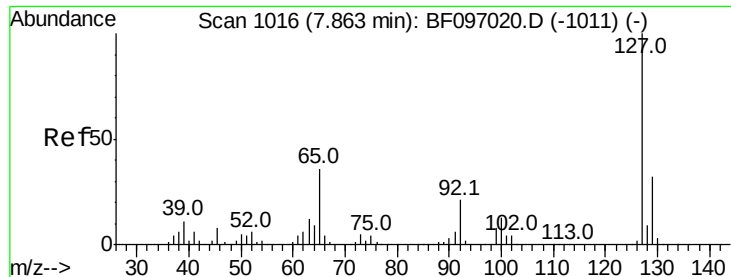
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#32
Benzoic acid
Concen: 36.200 ng
RT: 7.60 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.0	103.3	143.3	
77	86.1	73.7	113.7	





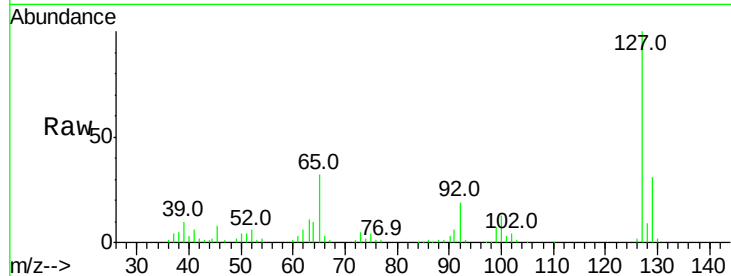
#33
4-Chloroaniline
Concen: 13.541 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

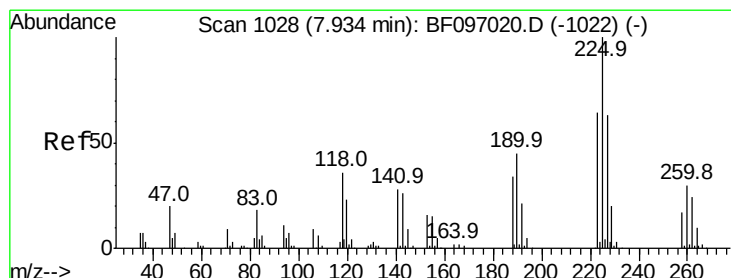
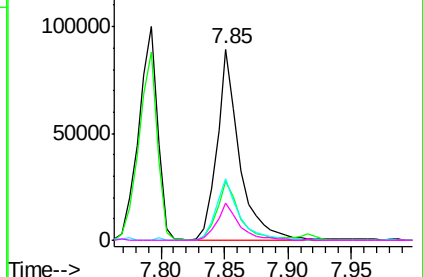
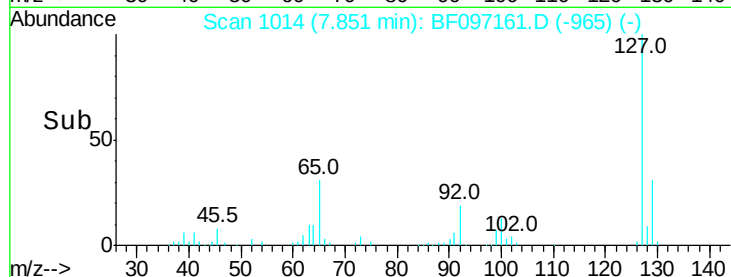
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		111775		
129	31.1	26.2	39.2		
65	32.5	27.8	41.8		
92	19.3	16.8	25.2		

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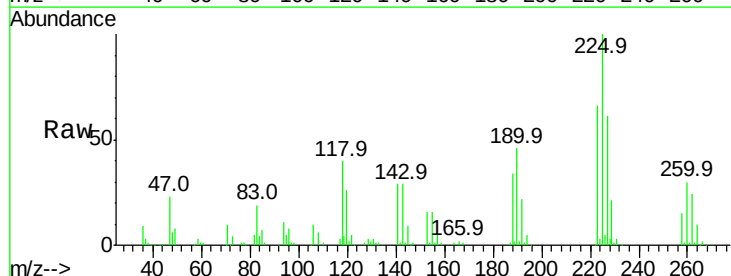


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

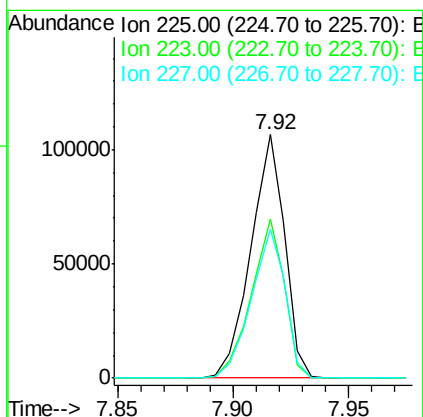
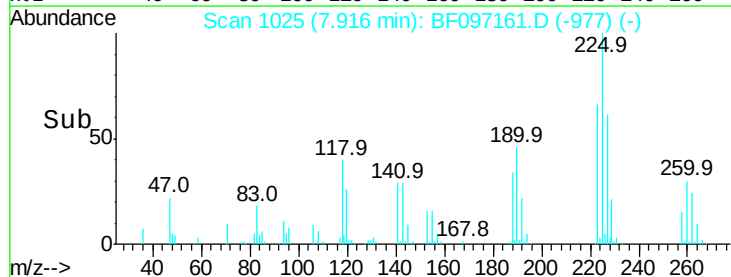


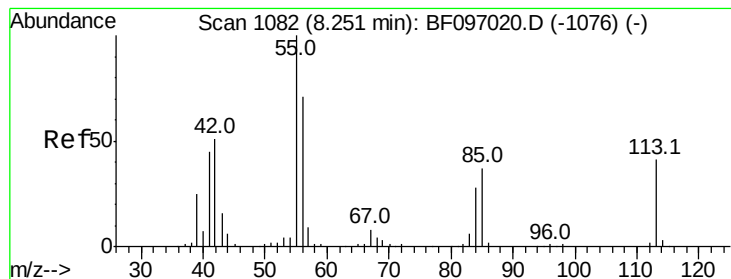
#34
Hexachlorobutadiene
Concen: 36.803 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		109244		
223	65.6	48.8	73.2		
227	60.9	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: 41.537 ng/ml

RT: 8.22 min Scan# 1077

Delta R.T. -0.03 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

ClientSampled :

PB101039BS

Tot Ion:113 Resp: 78238

Ion Ratio Lower Upper

113 100

55 247.3 150.2 190.2#

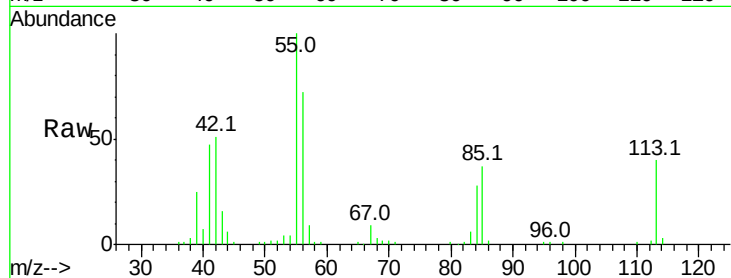
56 178.8 107.8 147.8#

Manual Integrations

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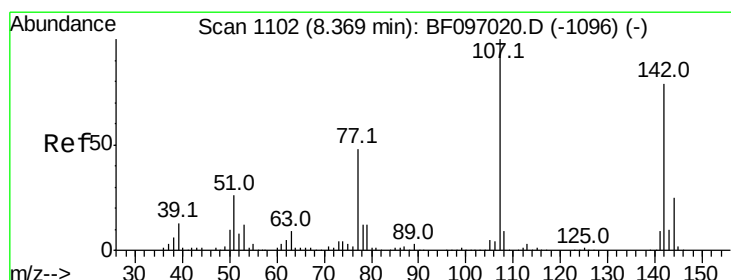
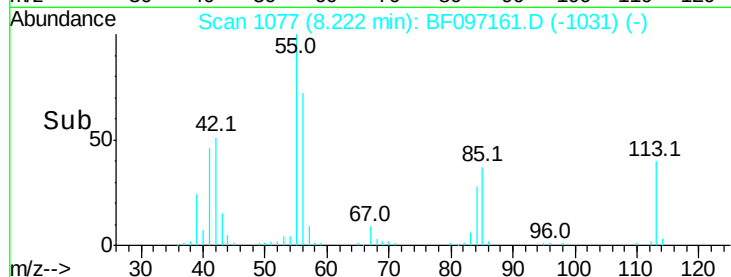
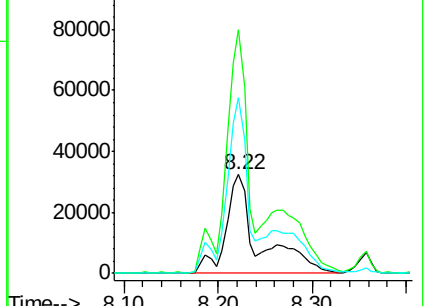
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.308 ng/ml

RT: 8.36 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

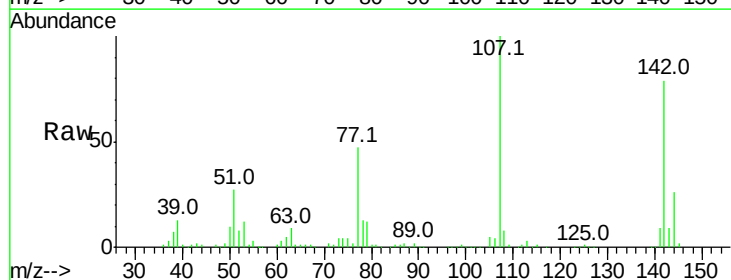
Tgt Ion:107 Resp: 226274

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

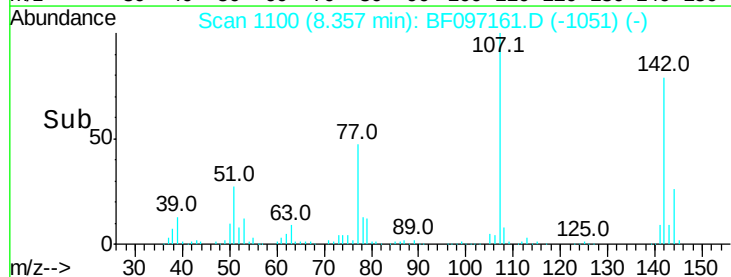
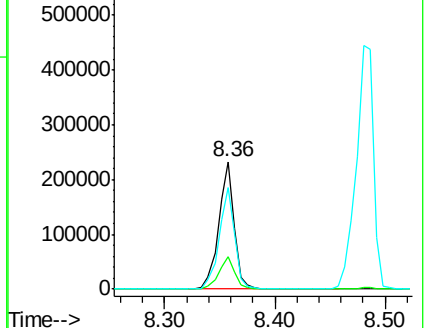
142 79.3 73.4 110.0

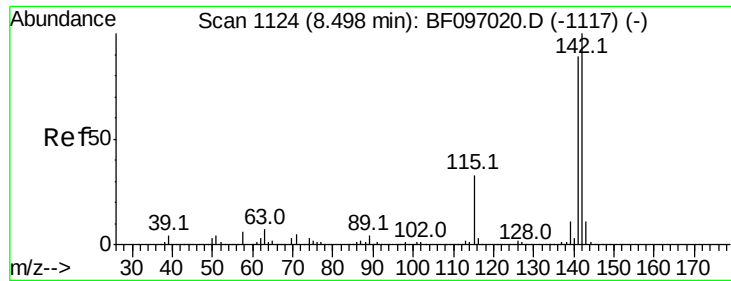


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





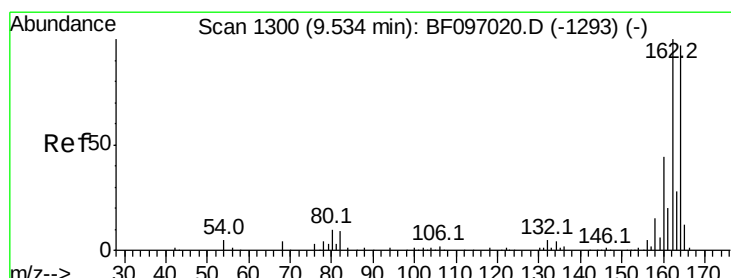
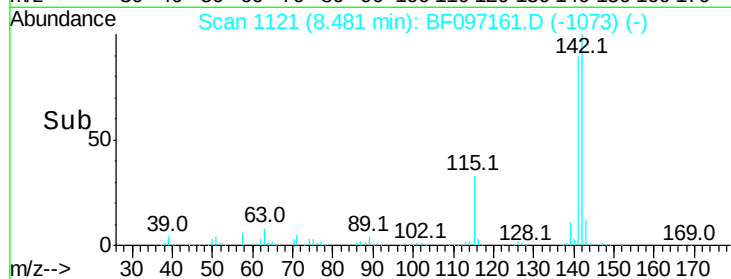
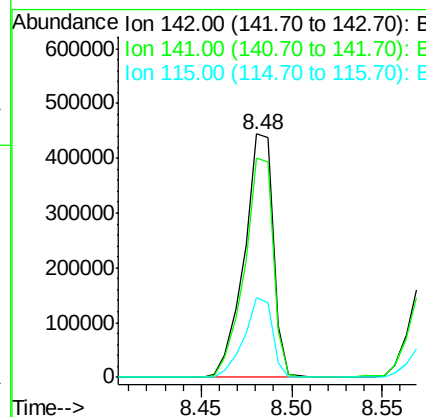
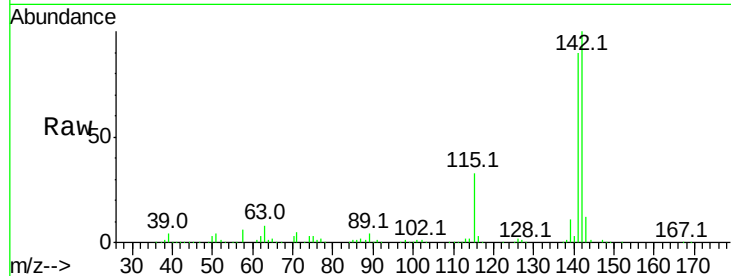
#37
2-Methylnaphthalene
Concen: 38.477 ng
RT: 8.48 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	494226		
141	90.1	71.3	106.9	
115	32.6	27.1	40.7	

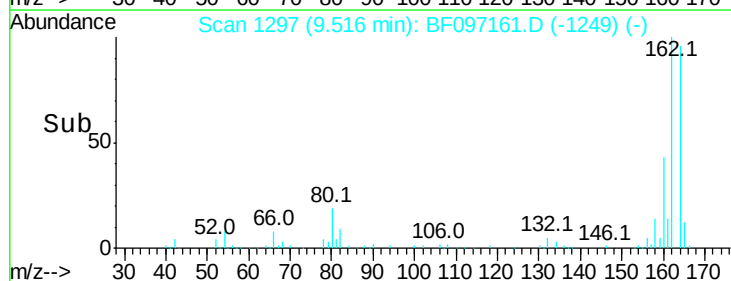
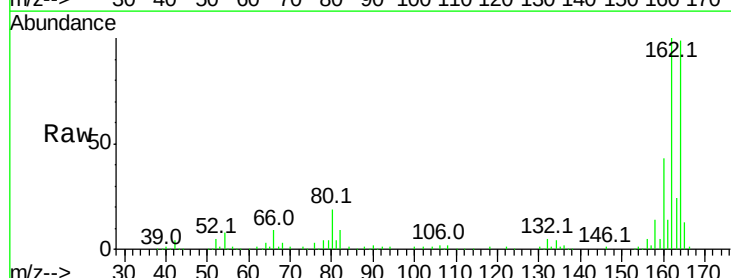
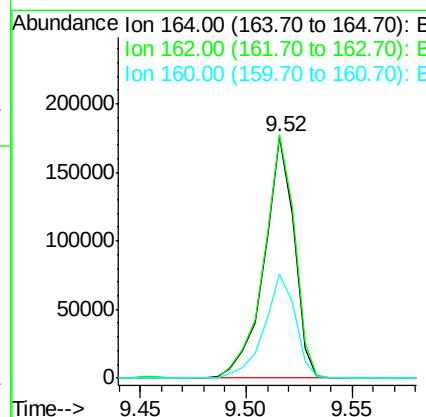
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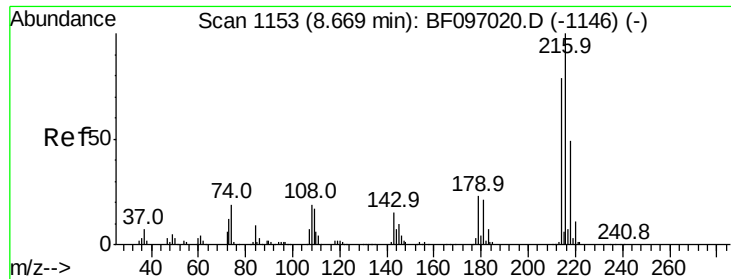
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172781		
162	100.9	82.6	123.8	
160	43.1	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.808 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

ClientSampled :

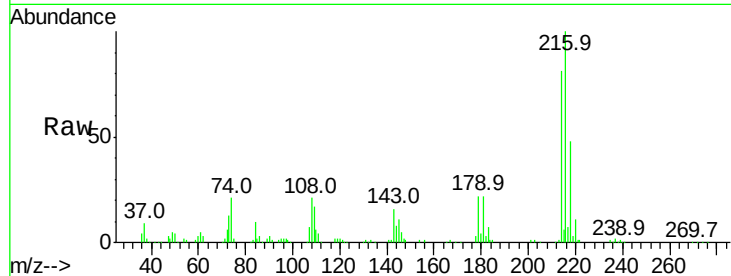
PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	178916		
214	79.4	63.4	95.2	
179	22.0	17.9	26.9	
108	21.7	16.5	24.7	

Manual Integrations
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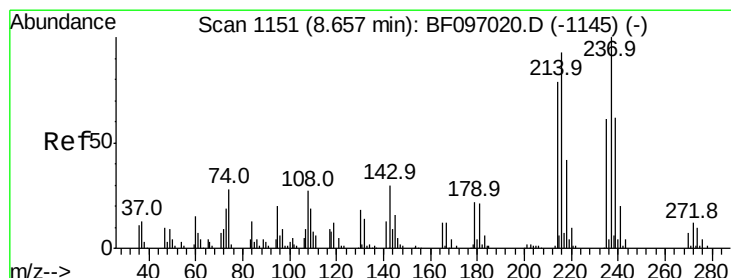
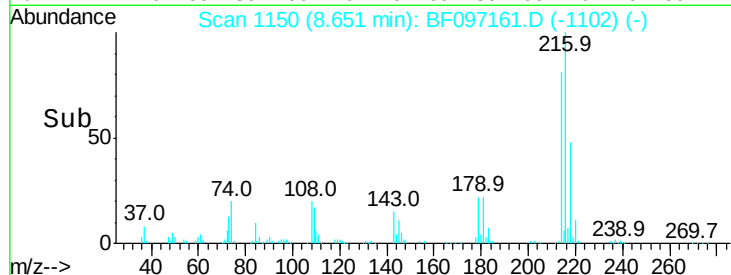
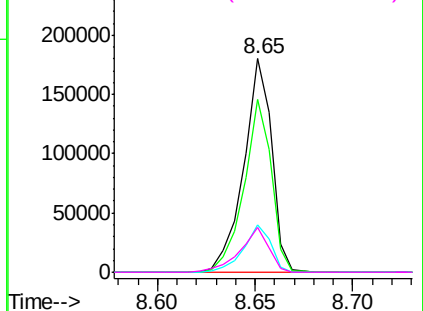


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.199 ng

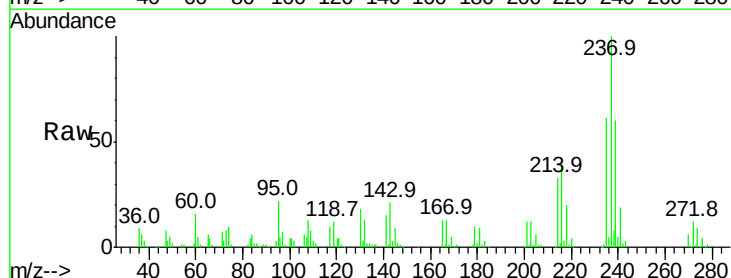
RT: 8.64 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

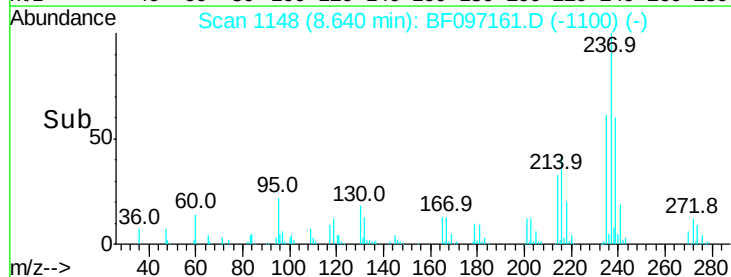
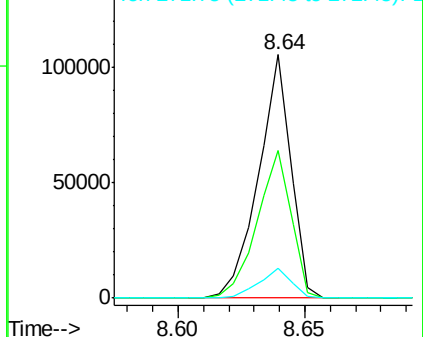
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	94183		
235	60.8	42.6	82.6	
272	12.1	0.0	31.9	

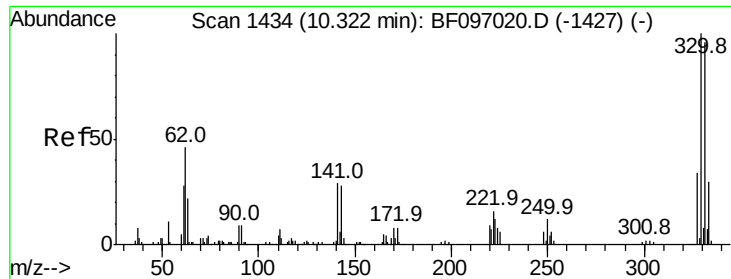


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





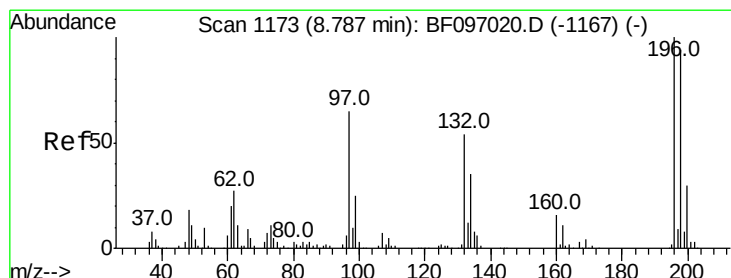
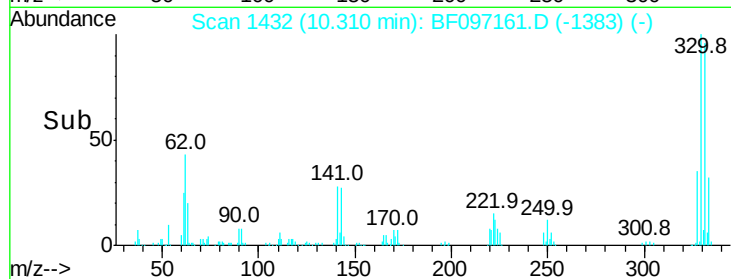
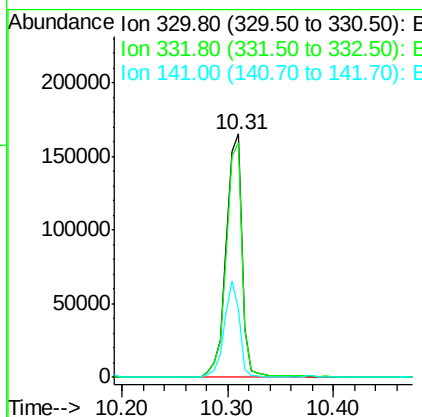
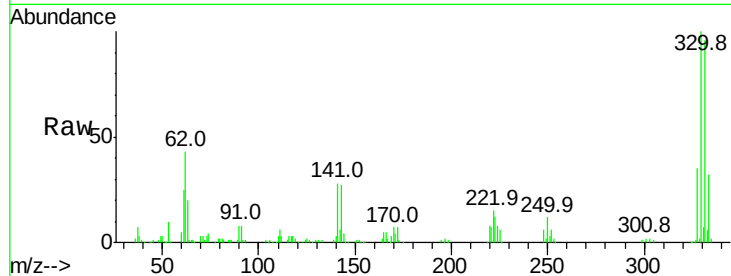
#41
 2,4,6-Tribromophenol
 Concen: 128.340 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175201		
332	96.9	76.6	115.0	
141	38.1	31.4	47.2	

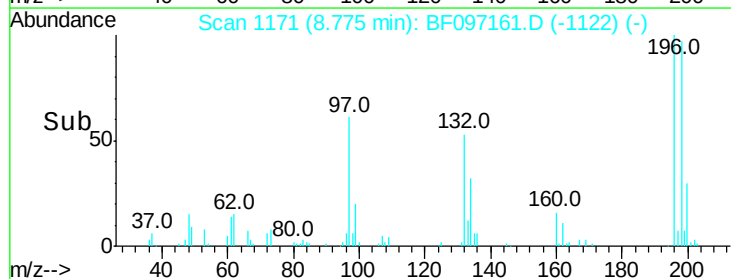
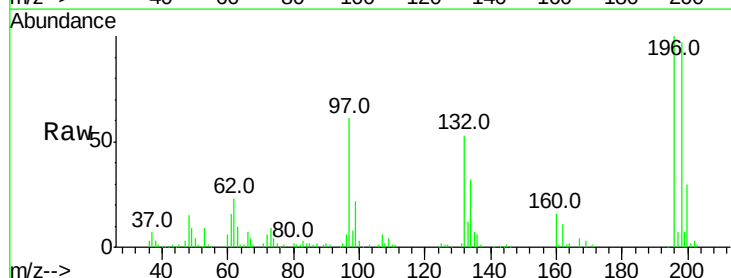
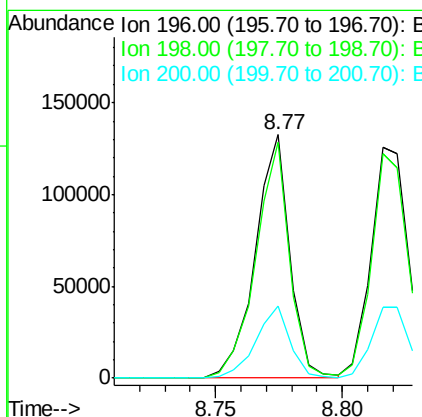
Manual Integrations
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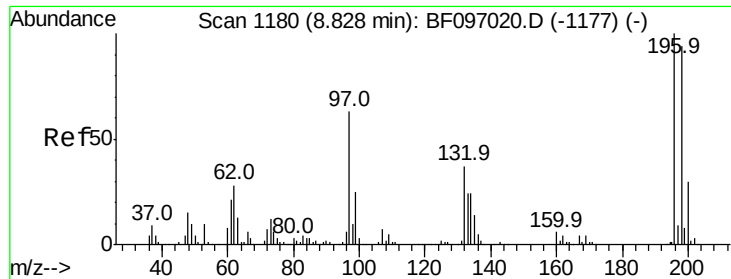
Sohil
 7/31/2017 6:52:13 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.572 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125525		
198	96.9	74.2	111.4	
200	29.8	24.0	36.0	





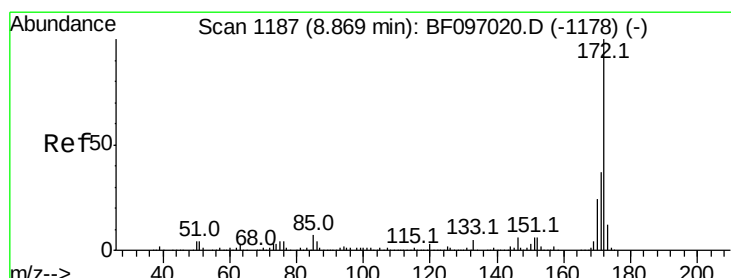
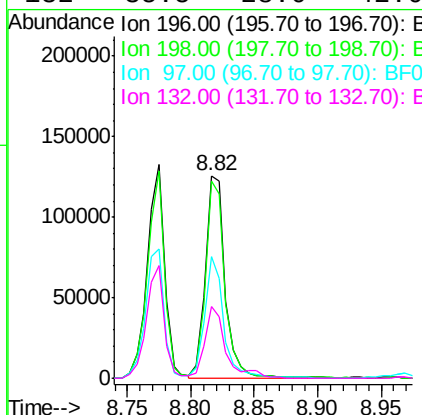
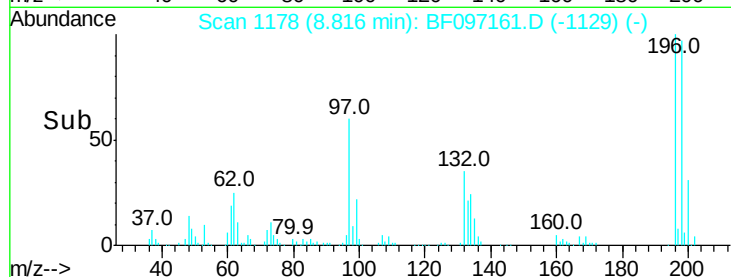
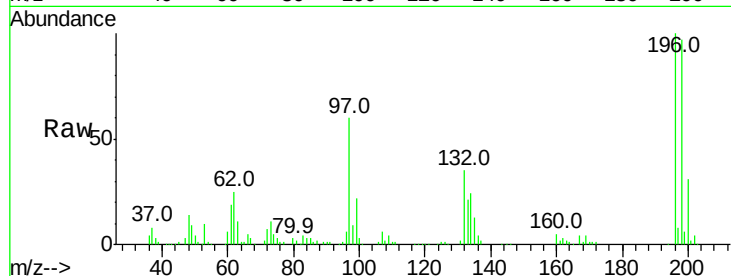
#43
 2,4,5-Trichlorophenol
 Concen: 40.856 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion:	196	Resp:	136622
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.7	113.5
97	60.0	47.7	71.5
132	35.5	28.0	42.0

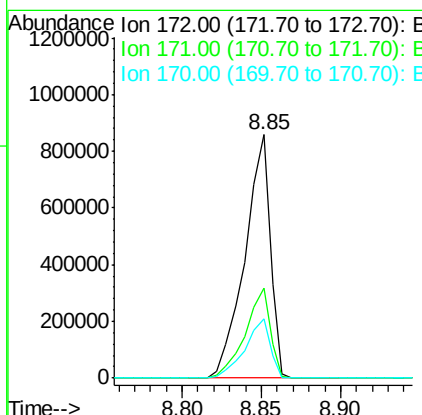
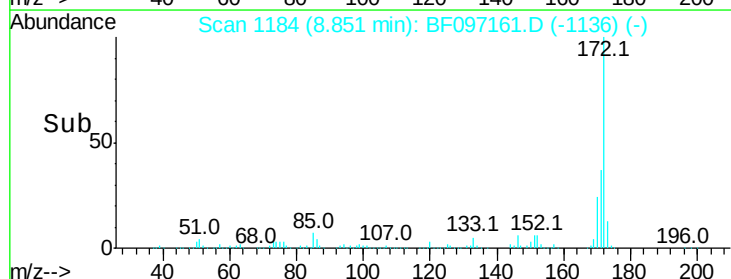
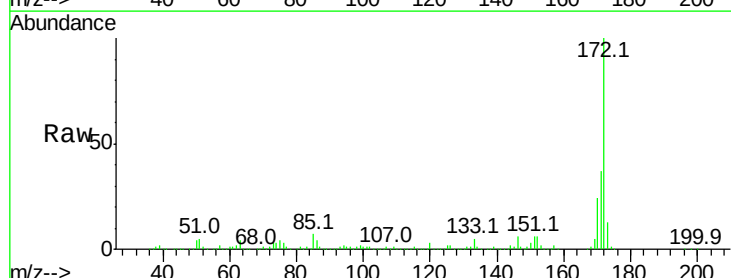
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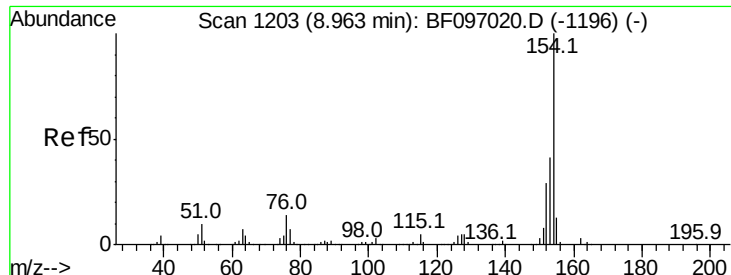
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 93.422 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion:	172	Resp:	951128
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.6	44.4
170	24.3	19.8	29.8





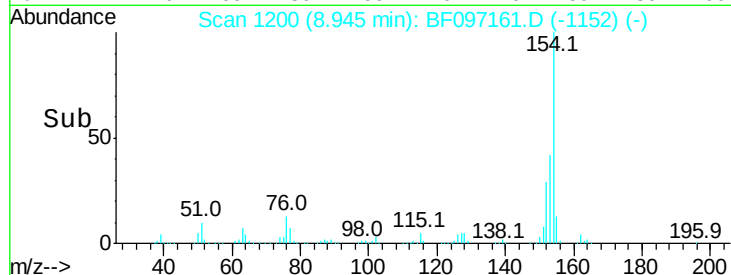
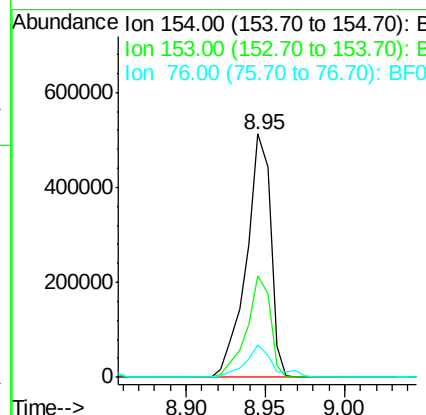
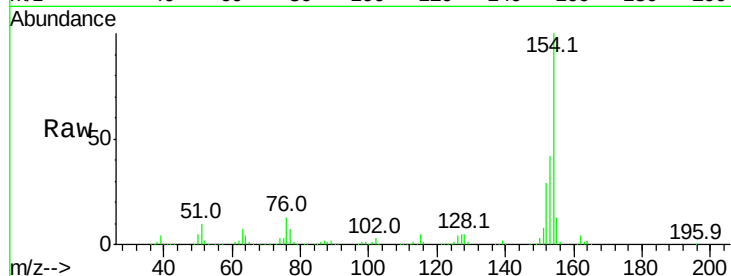
#45
 1,1'-Biphenyl
 Concen: 36.828 ng
 RT: 8.95 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	21.2	61.2	
76	13.2	0.0	29.9	

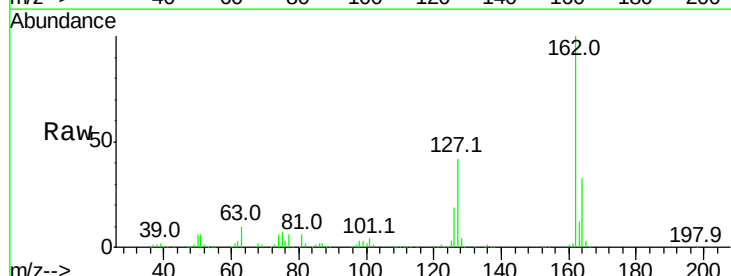
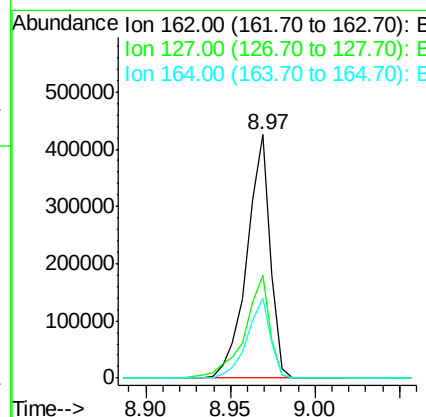
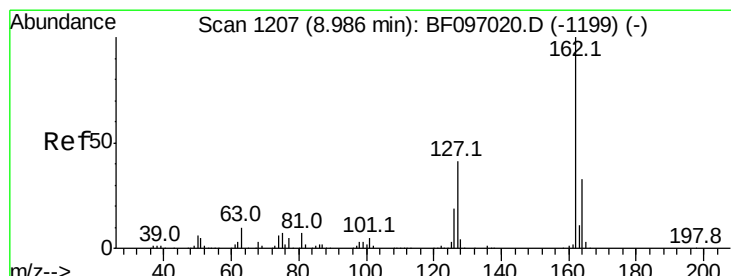
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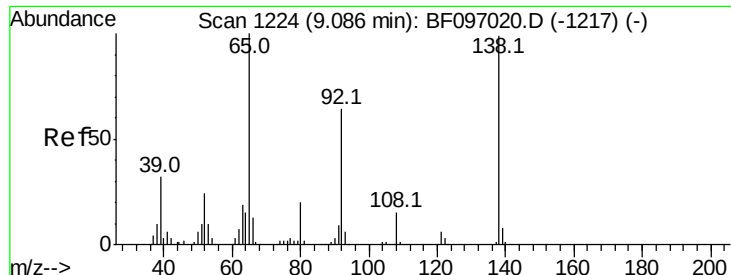
Sohil
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#46
 2-Chloronaphthalene
 Concen: 37.758 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.3	28.3	42.5	
164	32.8	27.0	40.4	





#47

2-Nitroaniline

Concen: 39.131 ng

RT: 9.07 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

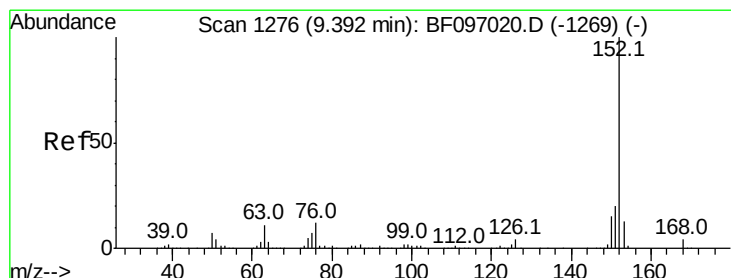
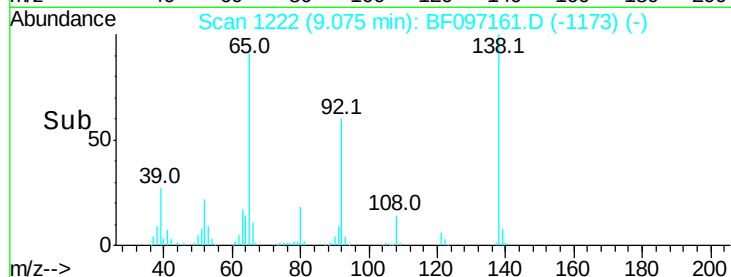
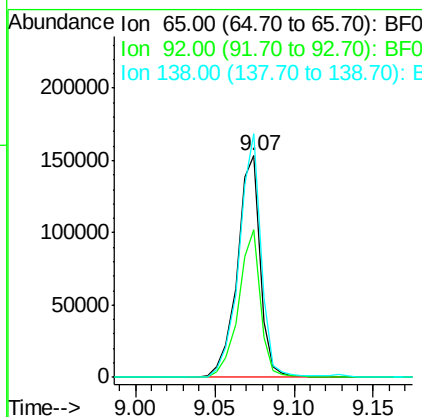
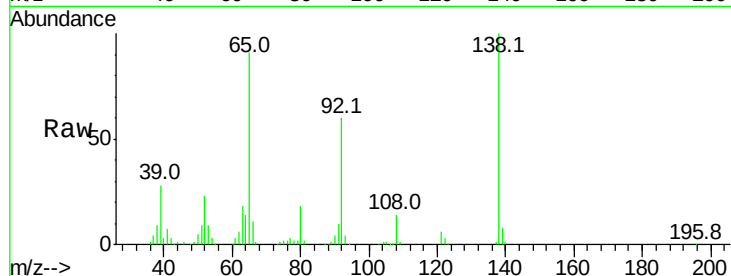
ClientSampleId :

PB101039BS

Tot Ion:	65	Resp:	154227
Ion Ratio	Lower	Upper	
65	100		
92	66.4	53.9	80.9
138	109.8	78.8	118.2

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#48

Acenaphthylene

Concen: 40.771 ng

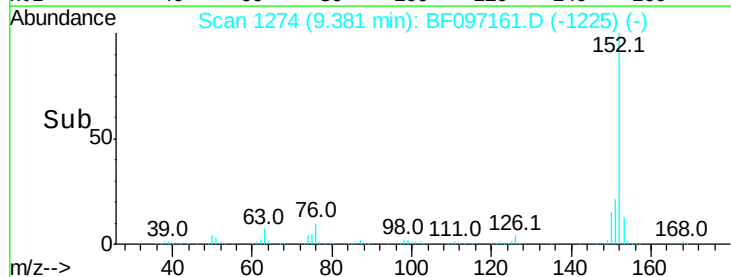
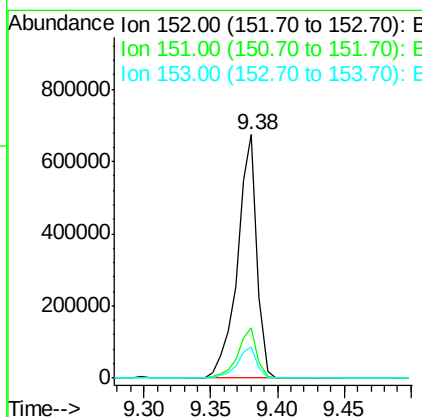
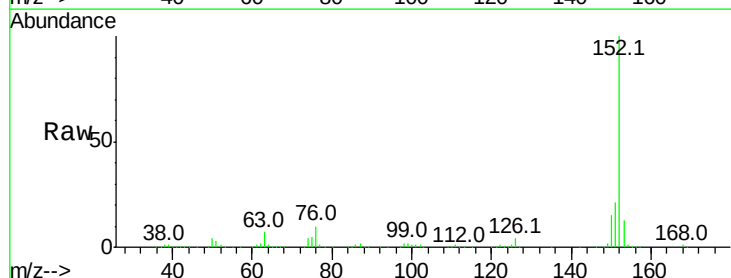
RT: 9.38 min Scan# 1274

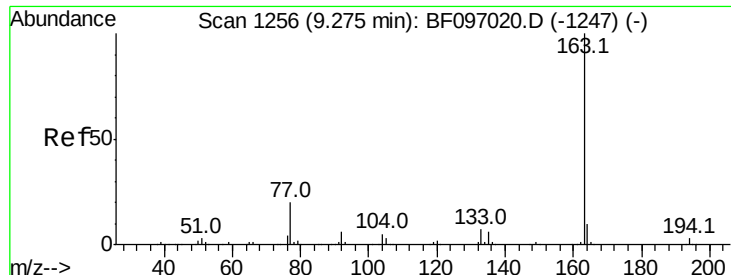
Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	152	Resp:	679631
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.0	10.8	16.2





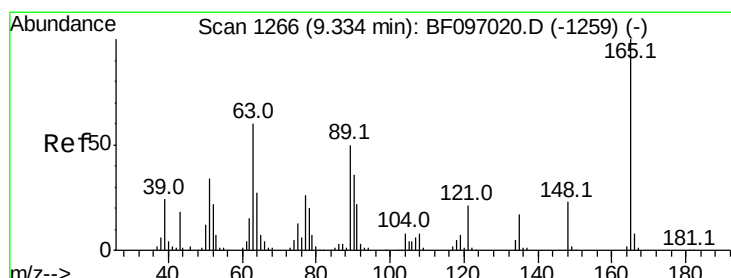
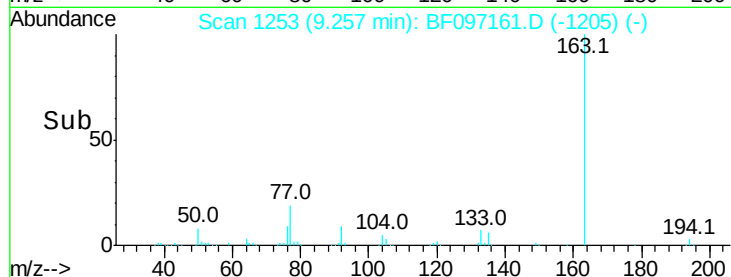
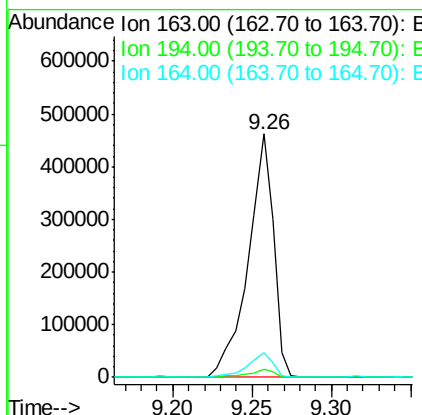
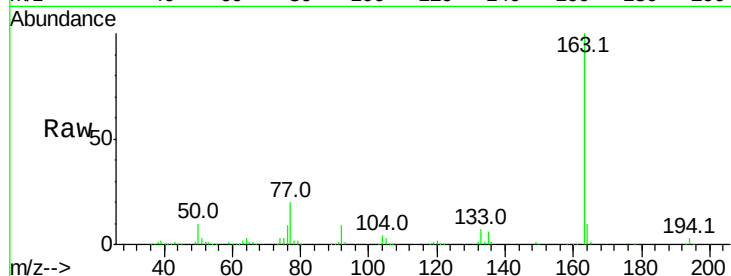
#49
Dimethylphthalate
Concen: 39.064 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

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

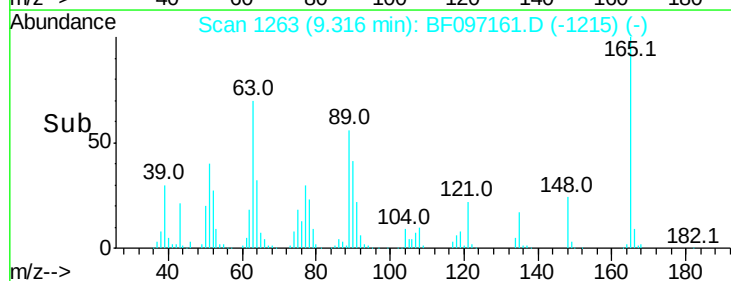
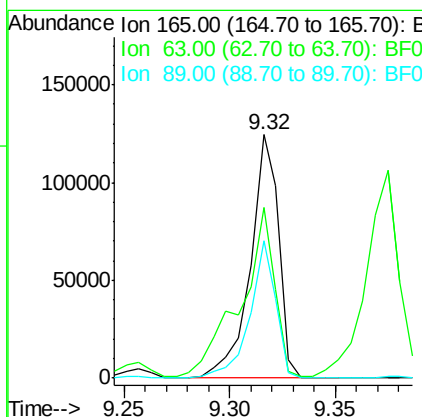
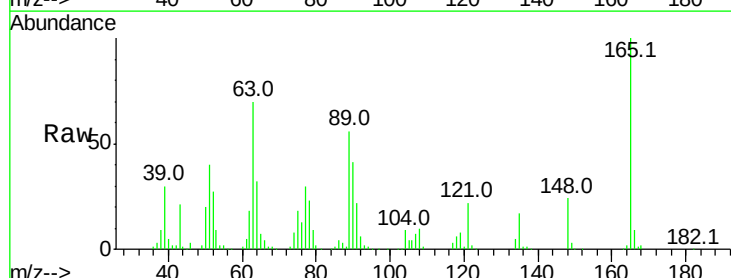
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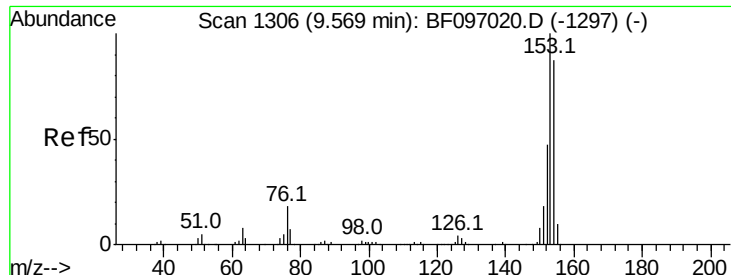
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#50
2,6-Dinitrotoluene
Concen: 41.636 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.1	34.3	51.5#	
89	56.5	37.1	55.7#	





#51

Acenaphthene

Concen: 39.876 ng

RT: 9.55 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

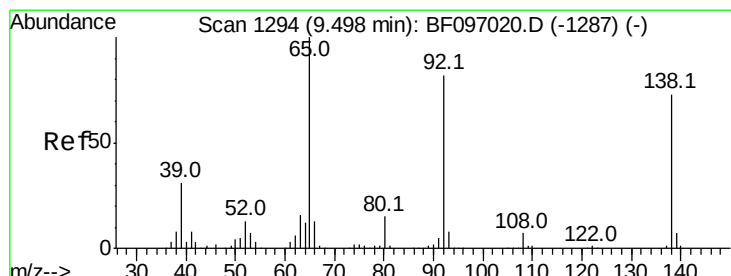
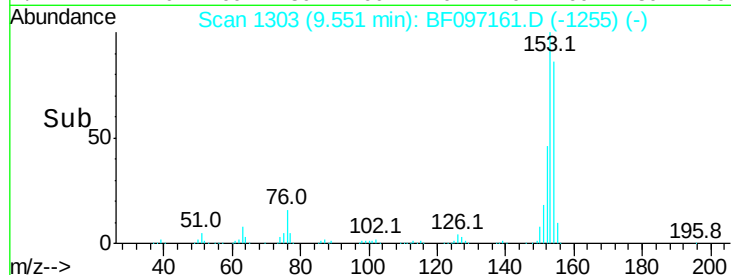
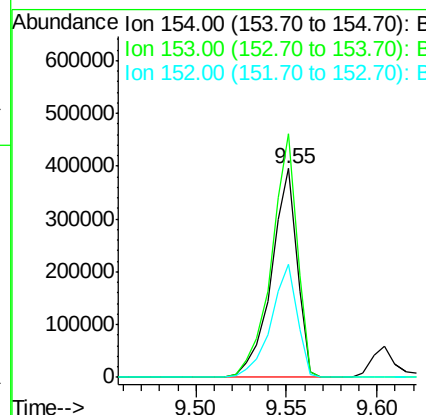
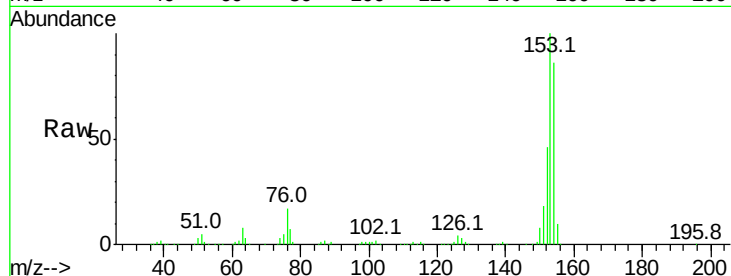
ClientSampleId :

PB101039BS

Tot Ion:	154	Resp:	391541
Ion Ratio	Lower	Upper	
154	100		
153	116.6	90.5	135.7
152	53.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 16.100 ng

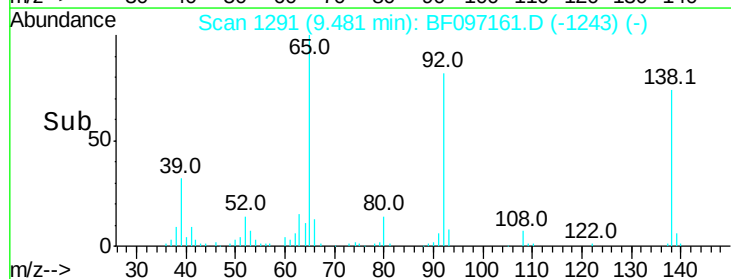
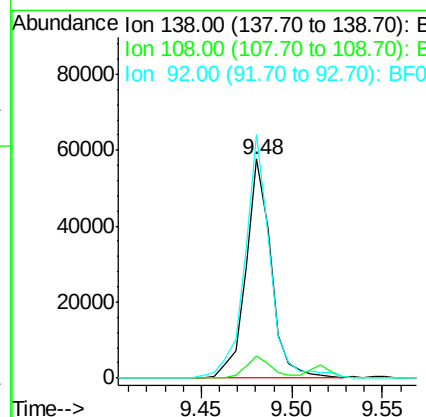
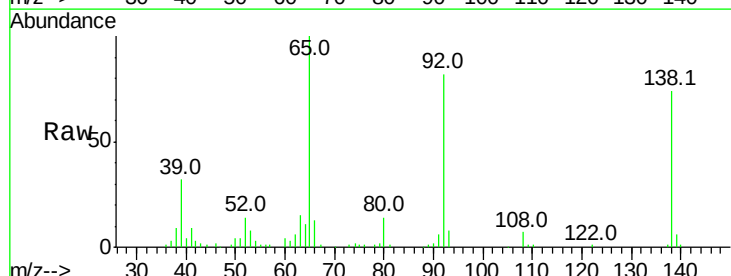
RT: 9.48 min Scan# 1291

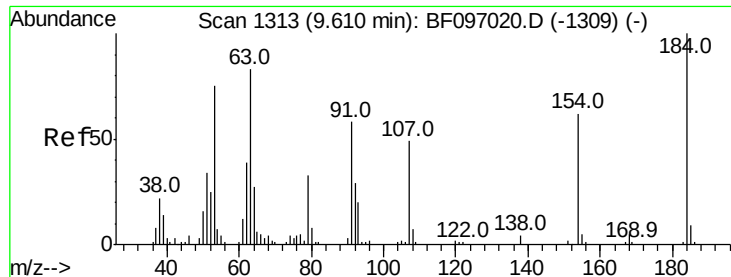
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	138	Resp:	55613
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.1	13.7
92	111.0	93.8	140.6





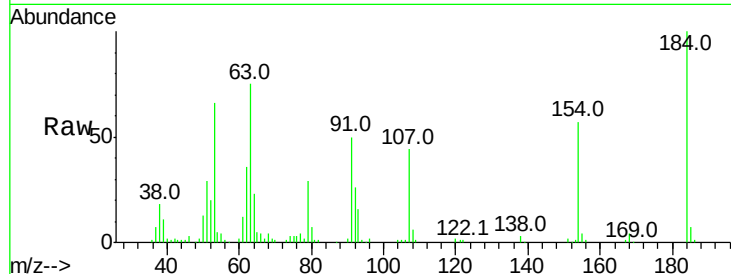
#53
2,4-Dinitrophenol
Concen: 80.535 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampled :
PB101039BS

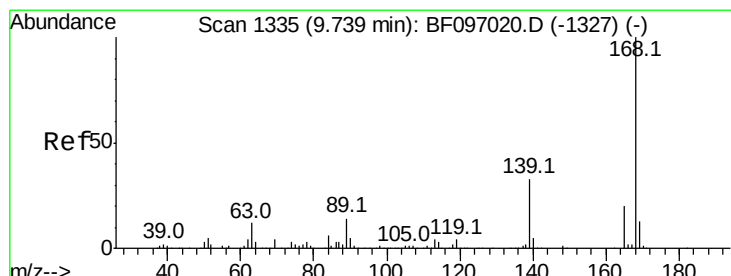
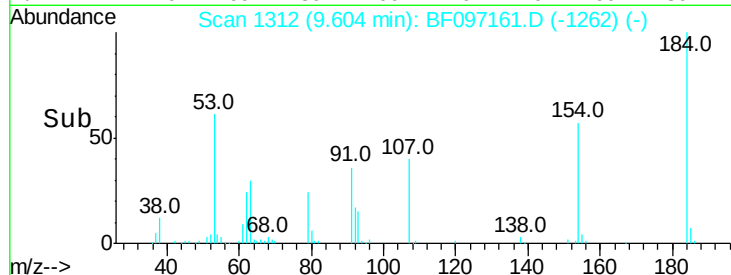
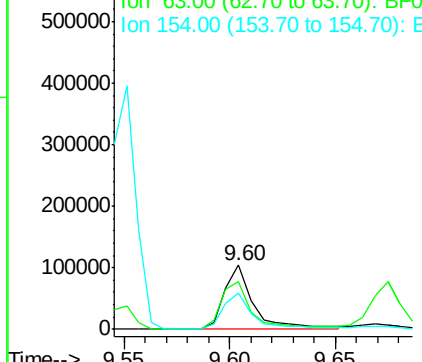
Tot Ion:184 Resp: 101900
Ion Ratio Lower Upper
184 100
63 75.3 62.7 94.1
154 57.1 81.1 121.7#

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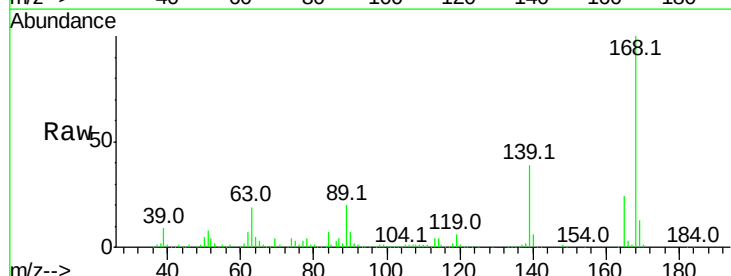


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

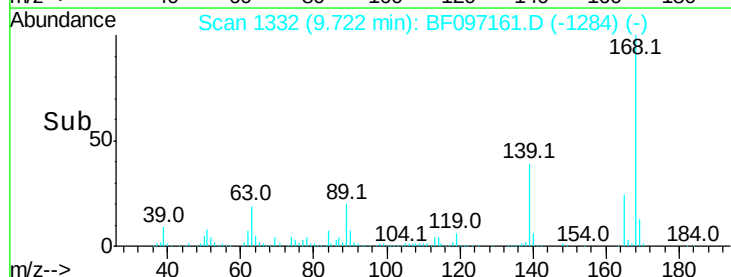
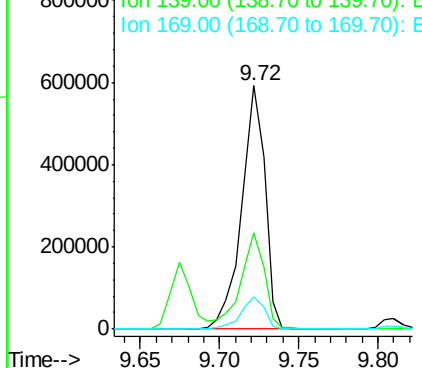


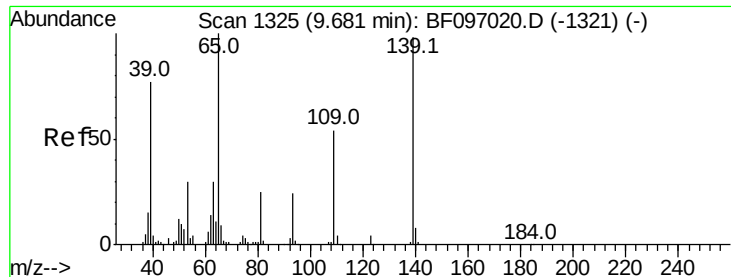
#54
Dibenzofuran
Concen: 46.021 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion:168 Resp: 601895
Ion Ratio Lower Upper
168 100
139 39.3 30.6 45.8
169 13.4 10.8 16.2



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





#55

4-Nitrophenol

Concen: 73.648 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

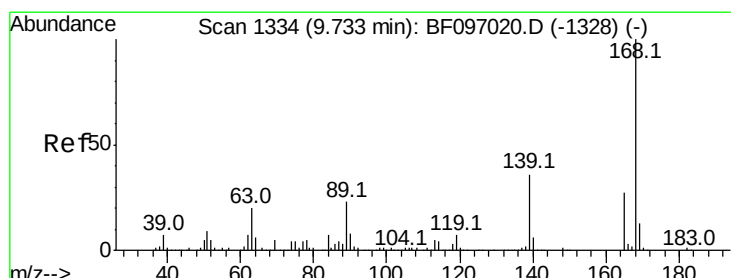
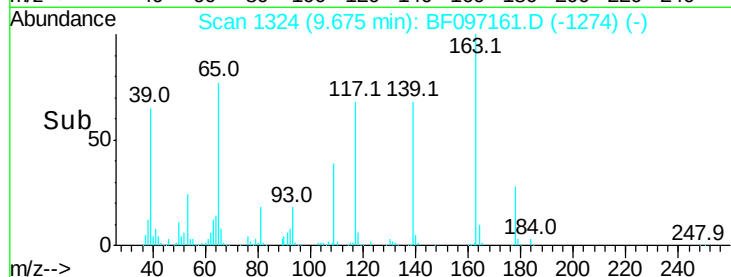
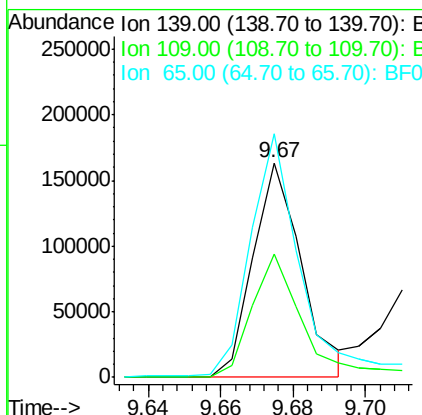
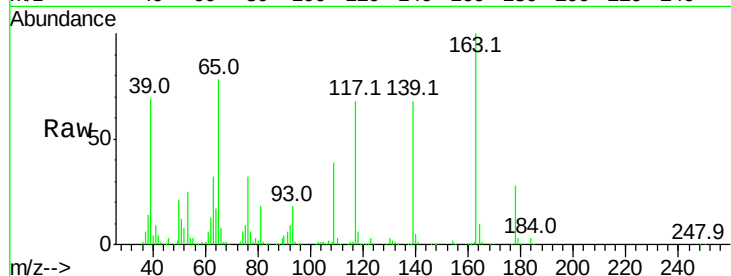
ClientSampleId :

PB101039BS

Tot Ion:	139	Resp:	151282
Ion Ratio	Lower	Upper	
139	100		
109	57.7	34.1	74.1
65	113.6	31.4	71.4#

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#56

2,4-Dinitrotoluene

Concen: 46.240 ng

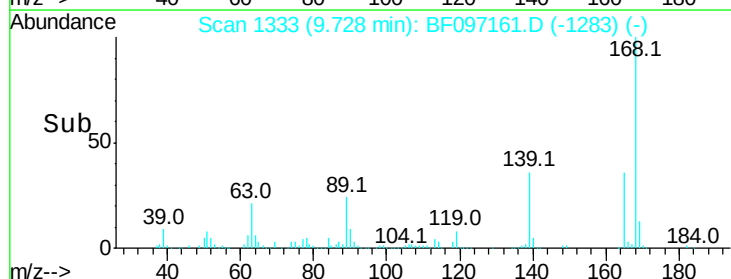
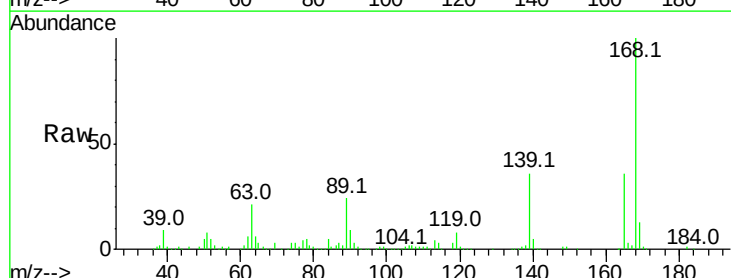
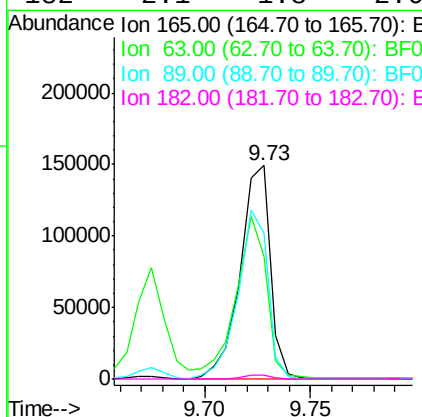
RT: 9.73 min Scan# 1333

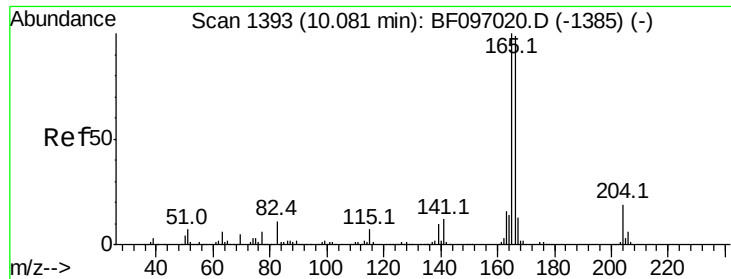
Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	165	Resp:	147925
Ion Ratio	Lower	Upper	
165	100		
63	57.4	25.4	38.0#
89	68.5	46.4	69.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 43.786 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

ClientSampleId :

PB101039BS

Tot Ion:166 Resp: 430409

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

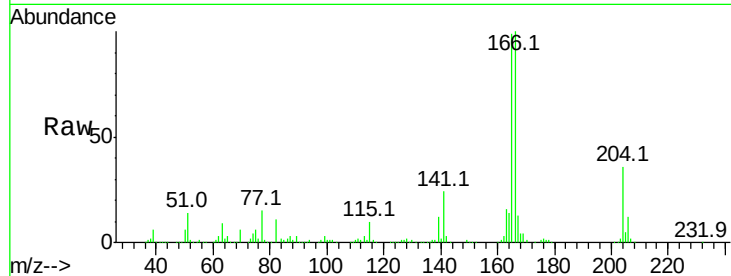
167 13.1 10.6 16.0

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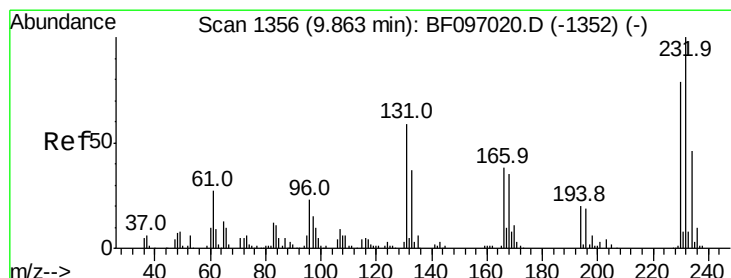
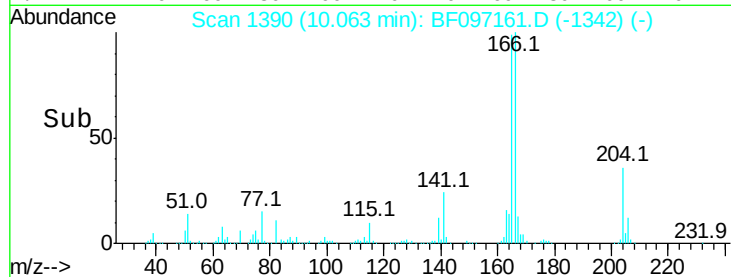
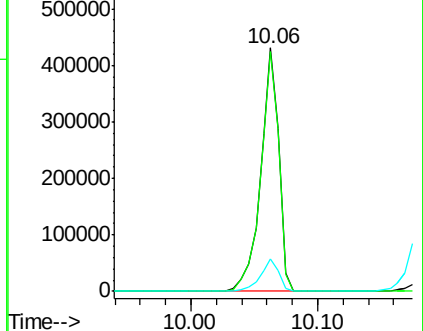
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.686 ng

RT: 9.85 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:232 Resp: 103175

Ion Ratio Lower Upper

232 100

131 57.5 44.8 67.2

130 2.4 2.3 3.5

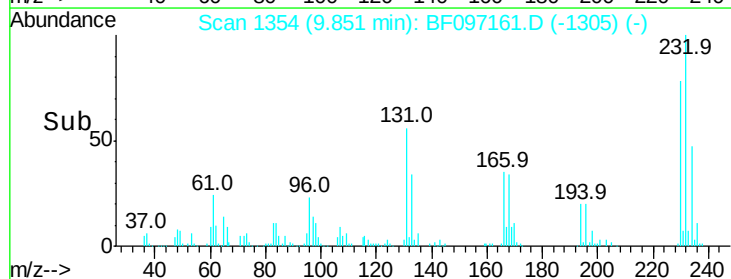
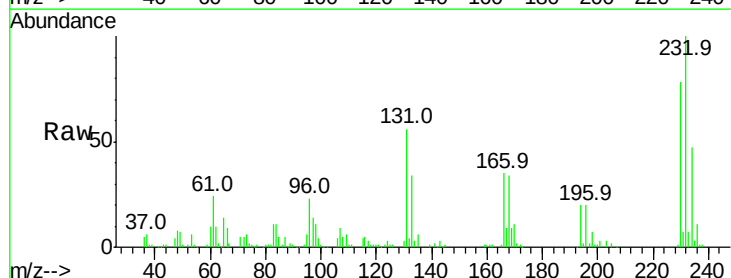
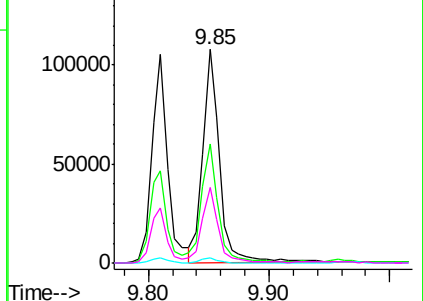
166 35.0 29.0 43.4

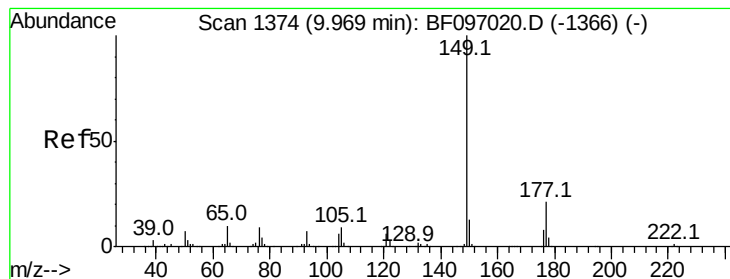
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.184 ng

RT: 9.96 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

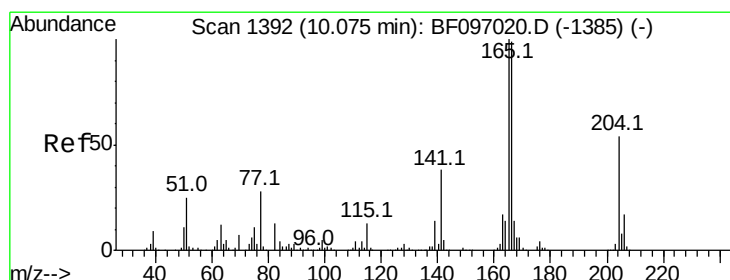
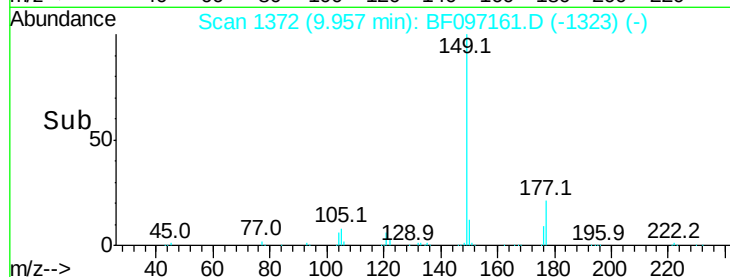
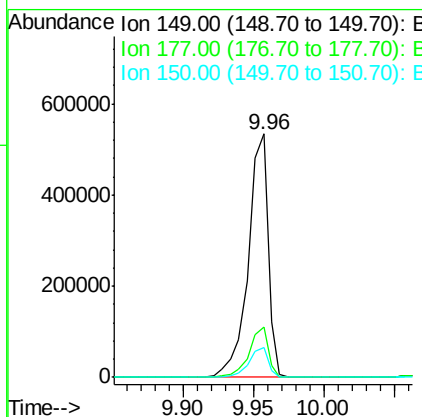
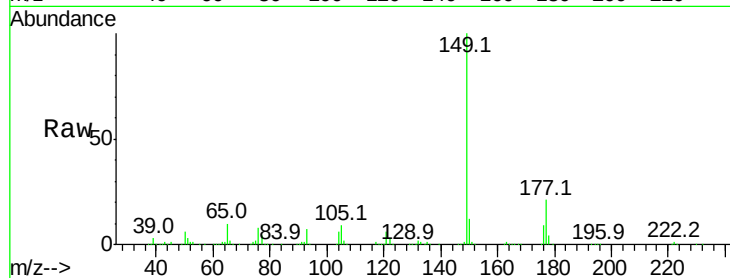
ClientSampleId :

PB101039BS

Tot Ion:	149	Resp:	531859
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.7	25.1
150	12.4	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 43.212 ng

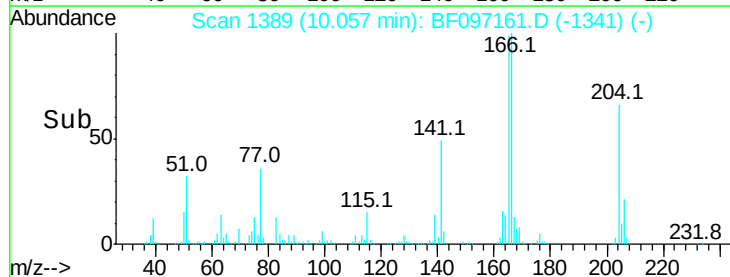
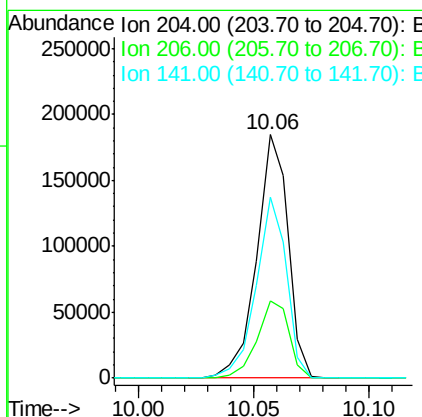
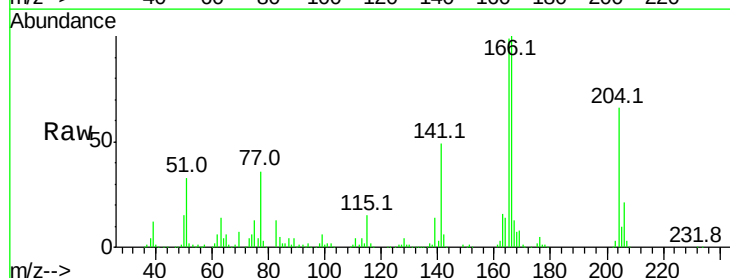
RT: 10.06 min Scan# 1389

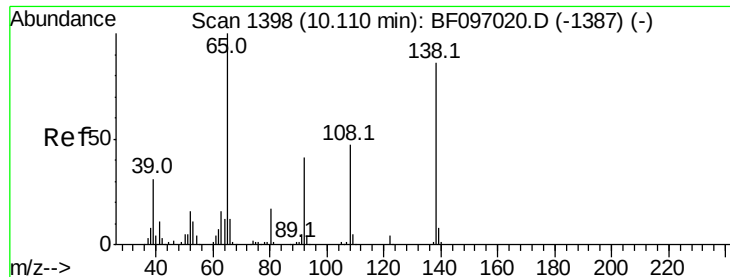
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	204	Resp:	175403
Ion Ratio	Lower	Upper	
204	100		
206	31.5	26.2	39.2
141	74.3	60.8	91.2





#61

4-Nitroaniline

Concen: 37.155 ng

RT: 10.10 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

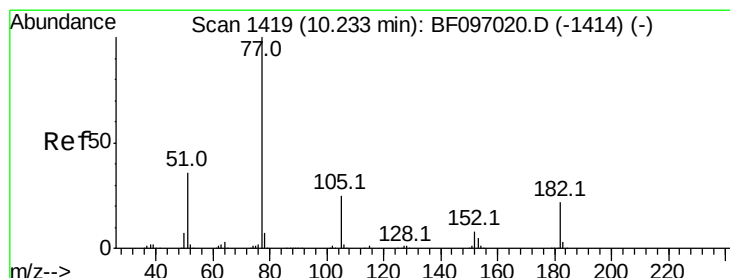
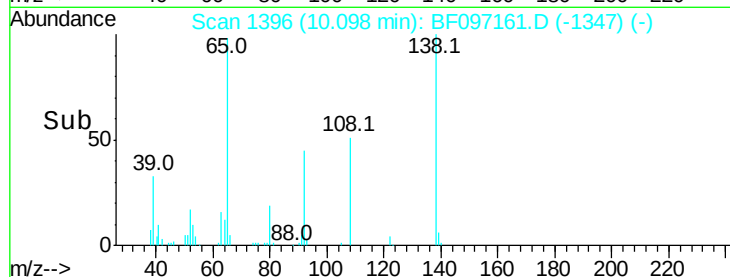
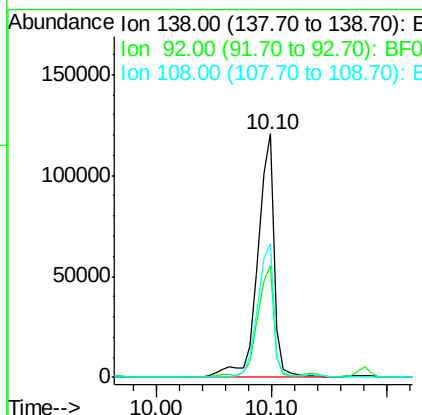
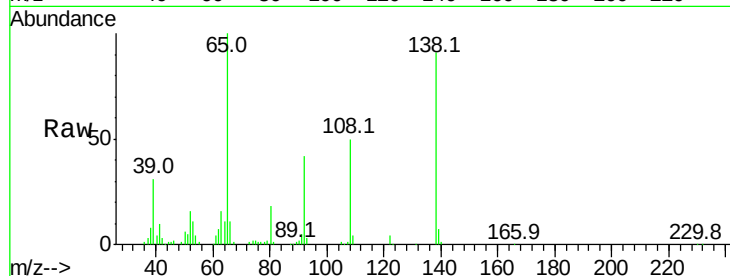
ClientSampleId :

PB101039BS

Tot Ion:	138	Resp:	121947
Ion Ratio	Lower	Upper	
138	100		
92	45.7	21.8	61.8
108	54.7	42.3	82.3

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#62

Azobenzene

Concen: 40.708 ng

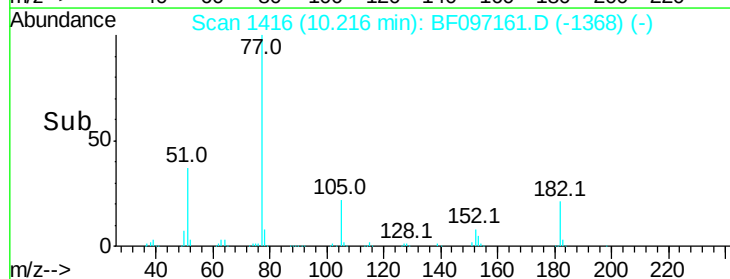
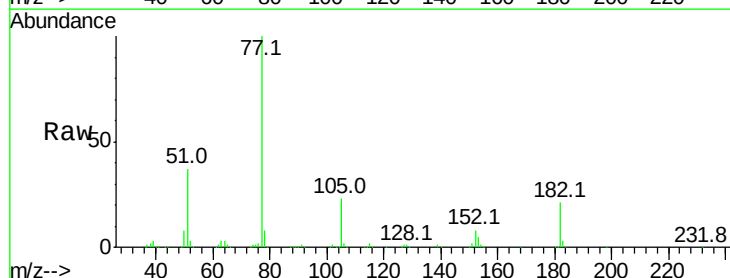
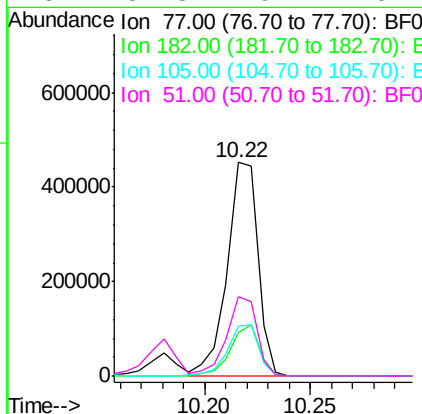
RT: 10.22 min Scan# 1416

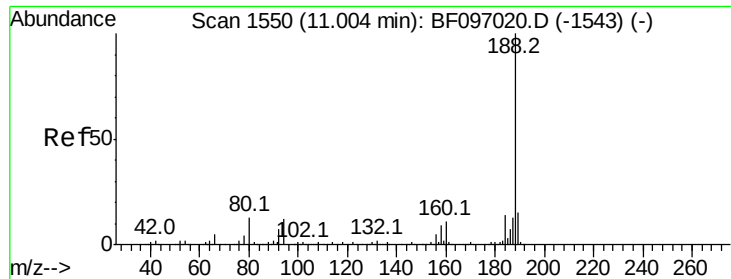
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	77	Resp:	454585
Ion Ratio	Lower	Upper	
77	100		
182	20.6	0.1	40.1
105	23.1	3.6	43.6
51	37.3	9.4	49.4





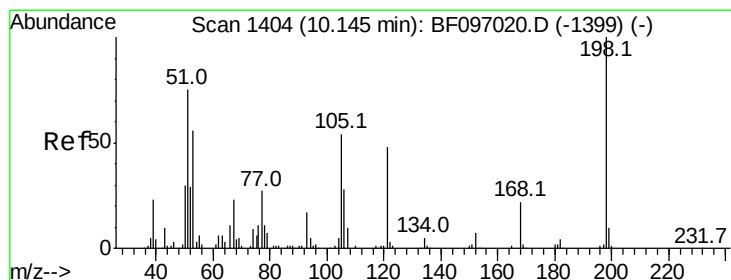
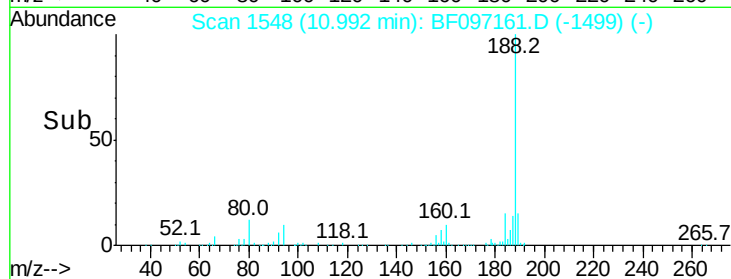
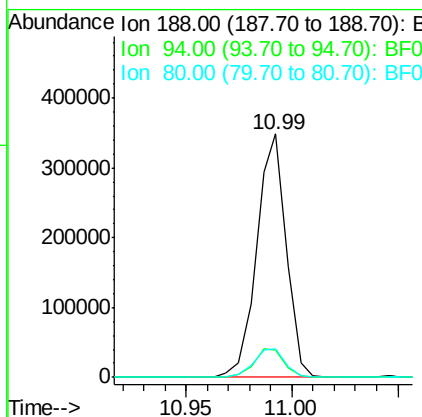
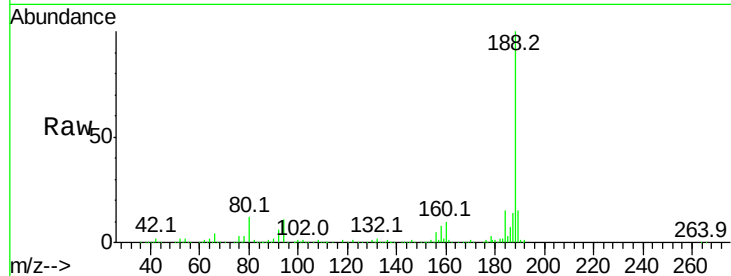
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	9.4	14.2	
80	11.9	10.2	15.2	

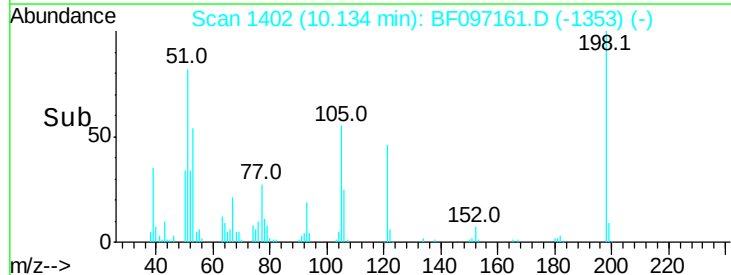
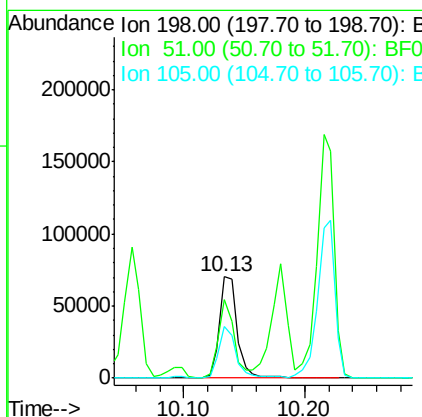
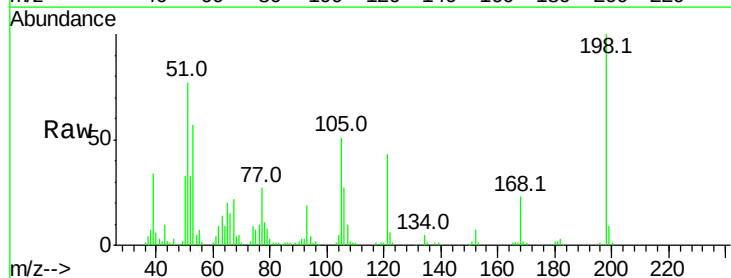
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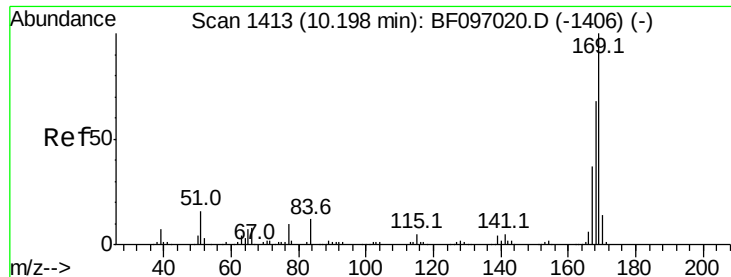
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.323 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	77.1	53.2	93.2	
105	51.3	45.8	85.8	





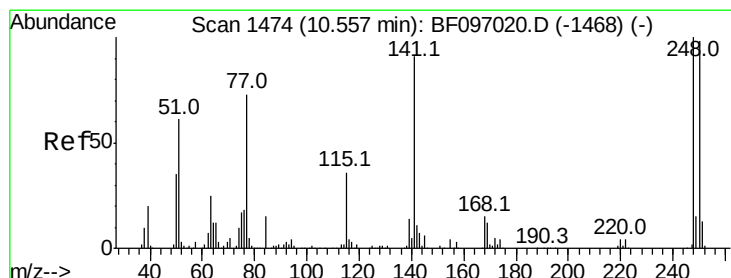
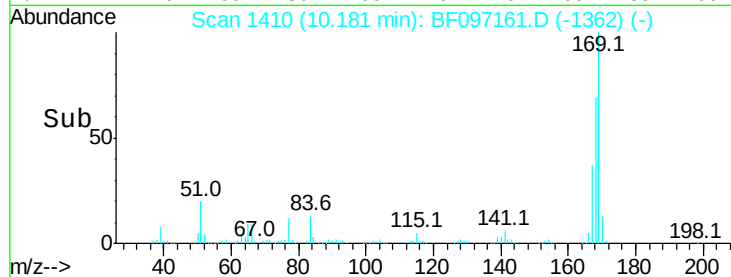
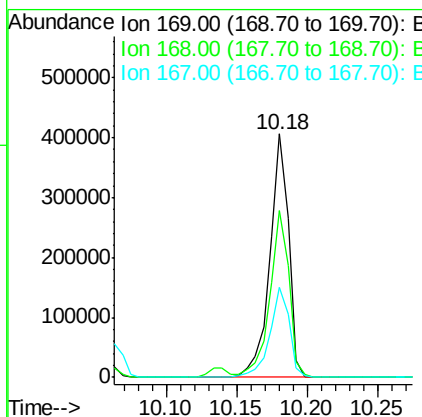
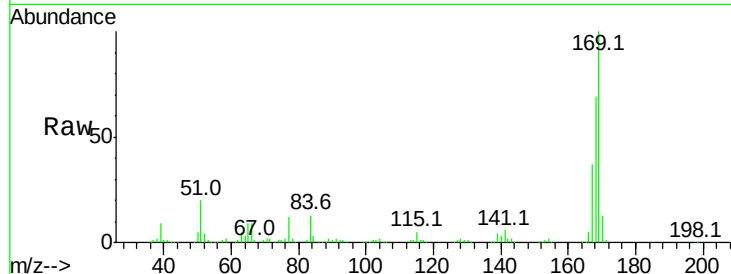
#65
 n-Nitrosodiphenylamine
 Concen: 32.391 ng
 RT: 10.18 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleID :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	381004		
168	68.7	53.2	79.8	
167	37.2	29.5	44.3	

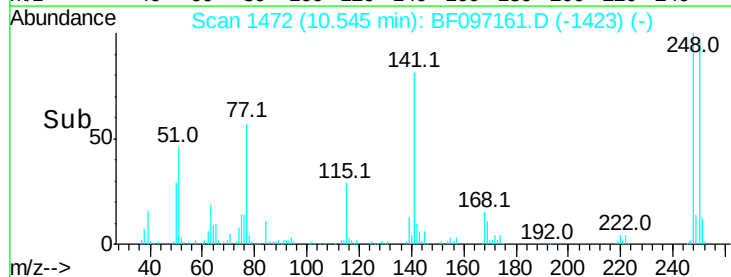
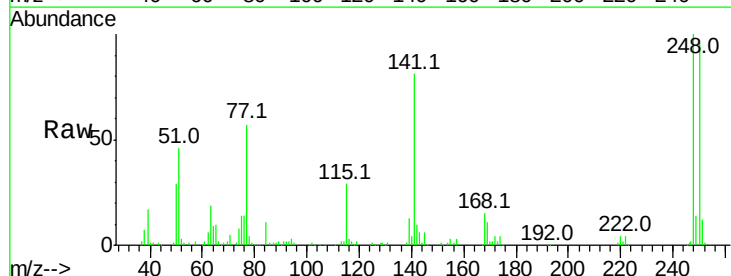
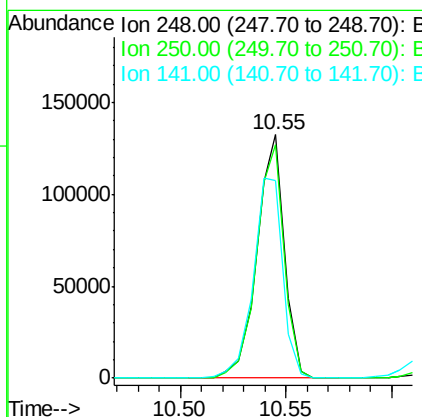
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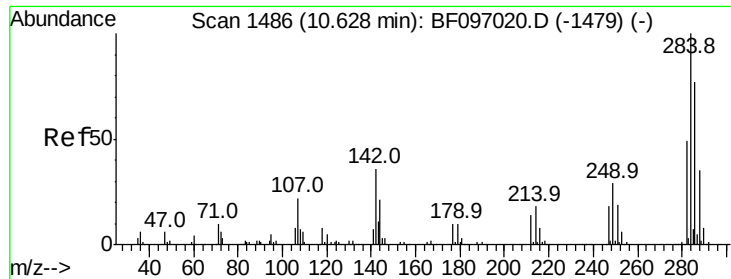
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#66
 4-Bromophenyl-phenylether
 Concen: 35.447 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	119591		
250	96.0	76.8	115.2	
141	81.0	68.6	103.0	





#67

Hexachlorobenzene

Concen: 33.332 ng

RT: 10.62 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

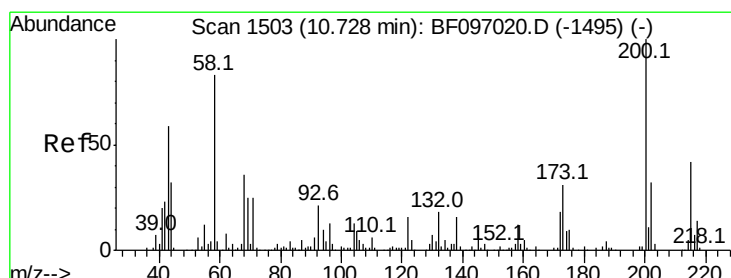
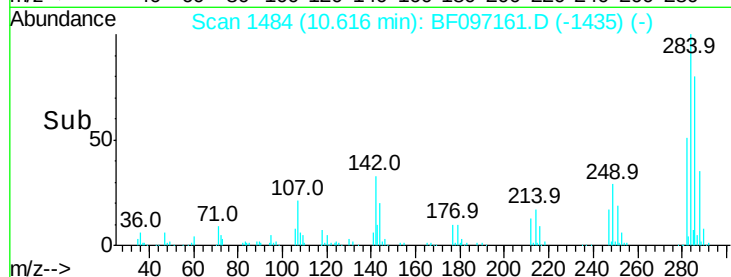
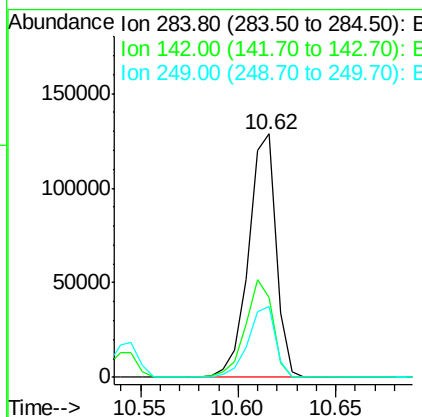
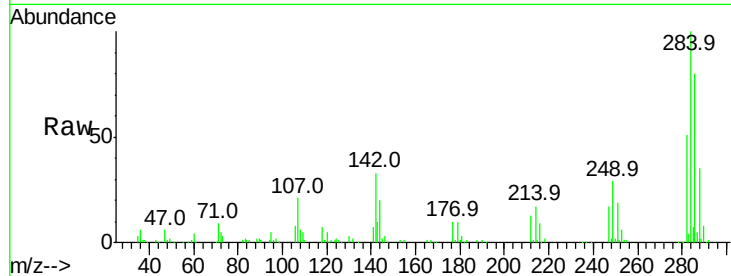
ClientSampleId :

PB101039BS

Tot Ion:	284	Resp:	126104
Ion Ratio		Lower	Upper
284	100		
142	32.9	22.8	34.2
249	28.9	24.0	36.0

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#68

Atrazine

Concen: 34.865 ng

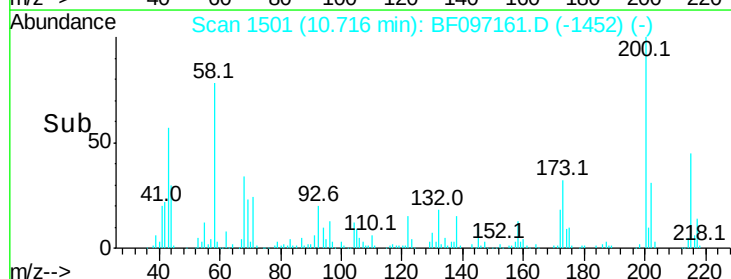
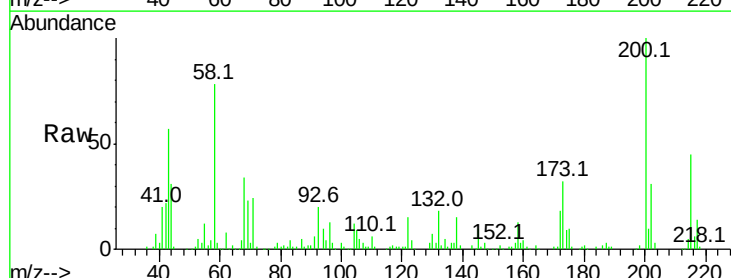
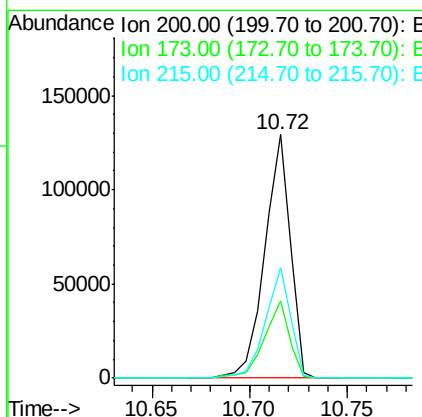
RT: 10.72 min Scan# 1501

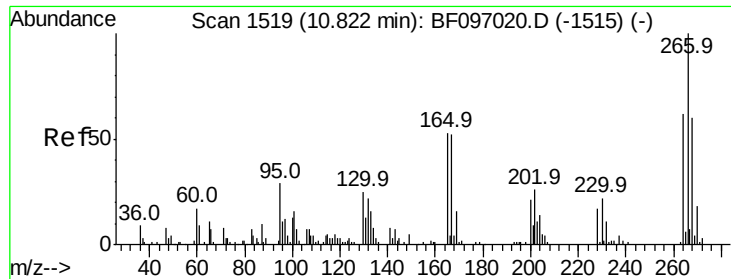
Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	200	Resp:	117597
Ion Ratio		Lower	Upper
200	100		
173	31.5	6.3	46.3
215	45.2	27.2	67.2





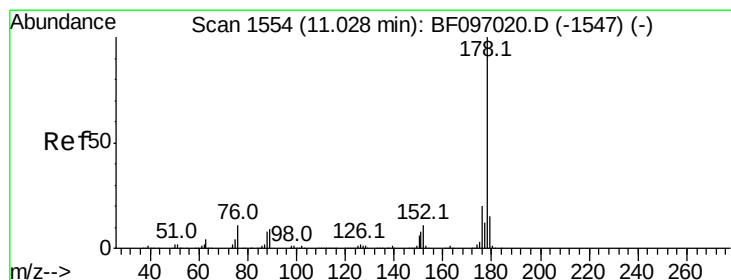
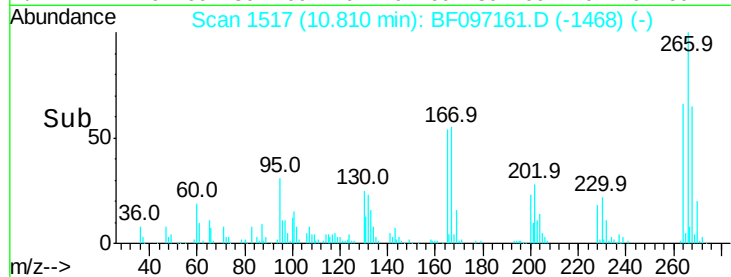
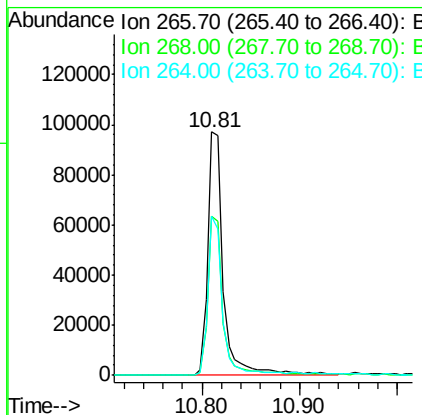
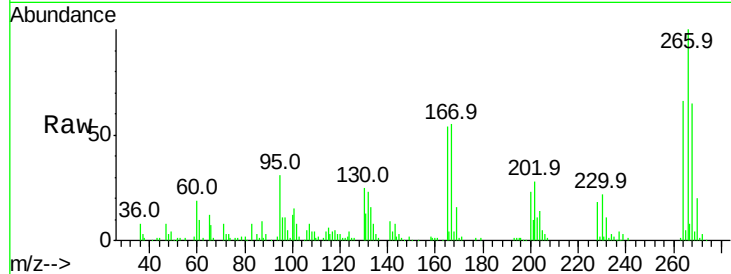
#69
 Pentachlorophenol
 Concen: 69.240 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	108386		
268	65.1		51.1	76.7
264	65.6		51.7	77.5

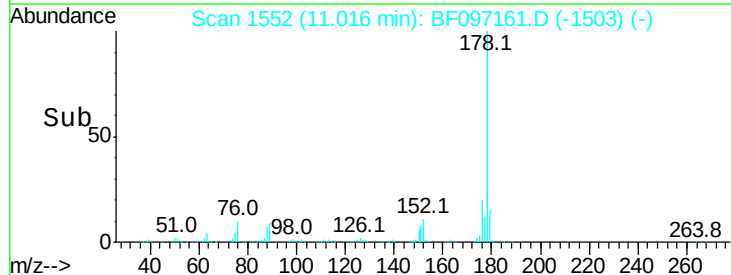
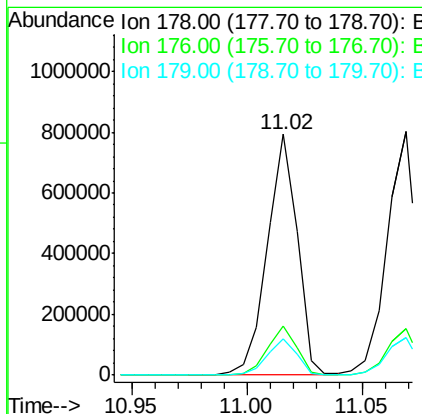
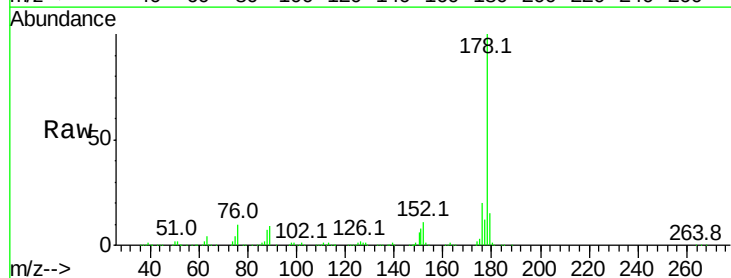
Manual Integrations
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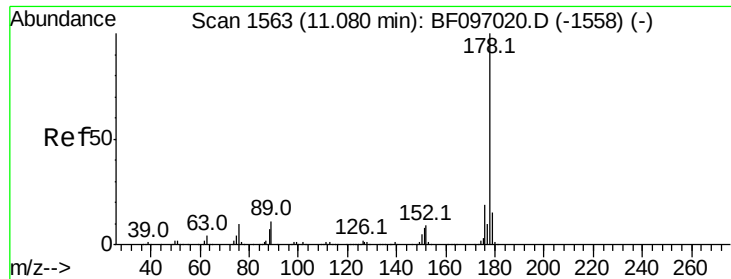
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#70
 Phenanthrene
 Concen: 39.602 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	717325		
176	20.2		16.2	24.4
179	15.1		12.6	19.0





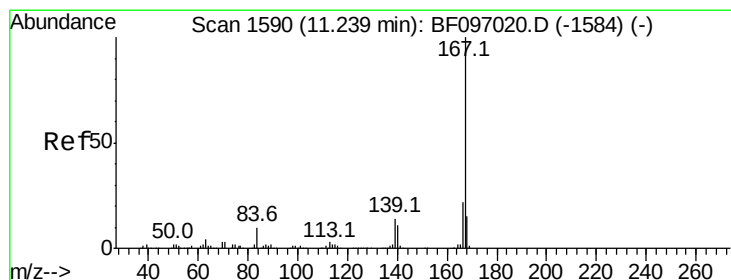
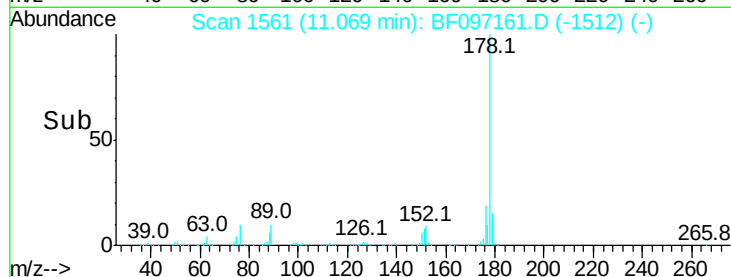
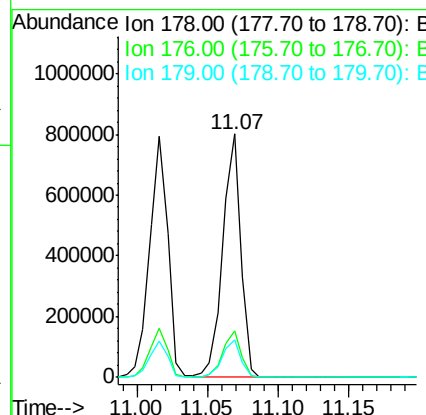
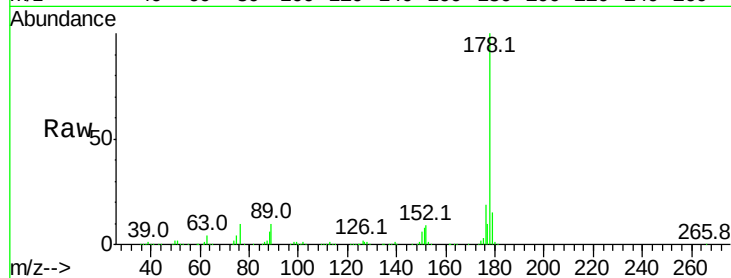
#71
 Anthracene
 Concen: 38.658 ng
 RT: 11.07 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampled :
 PB101039BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	12.7	19.1

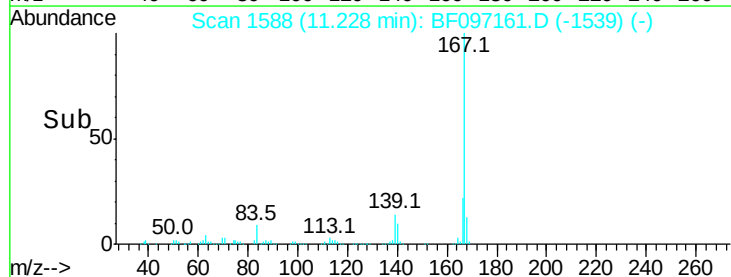
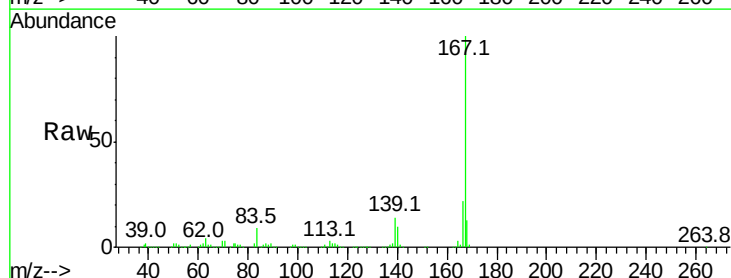
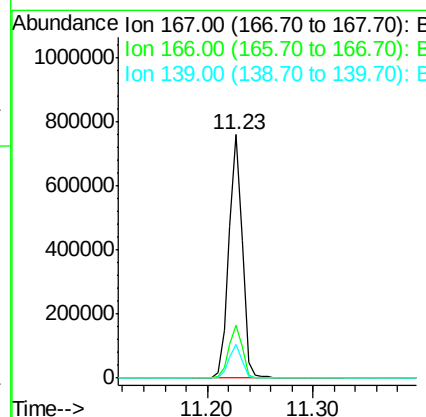
Manual Integrations
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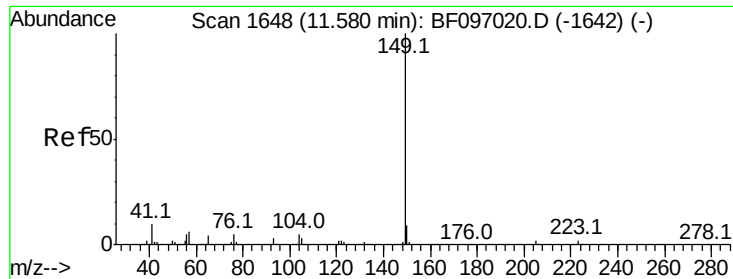
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#72
 Carbazole
 Concen: 36.954 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 37.753 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

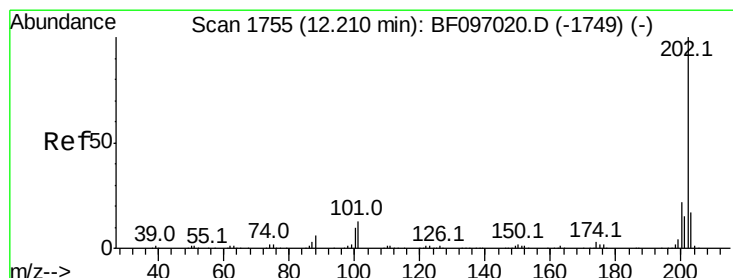
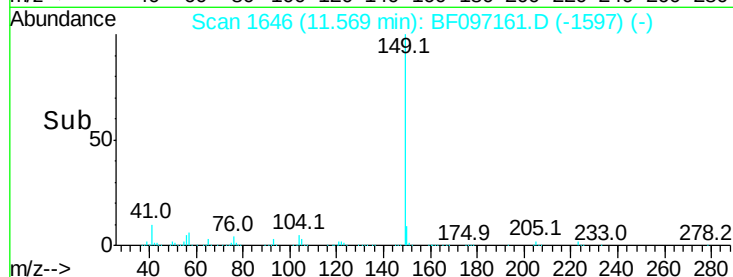
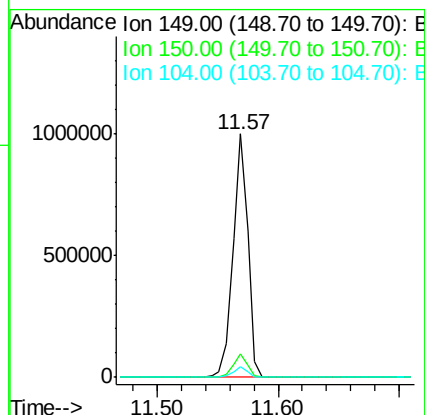
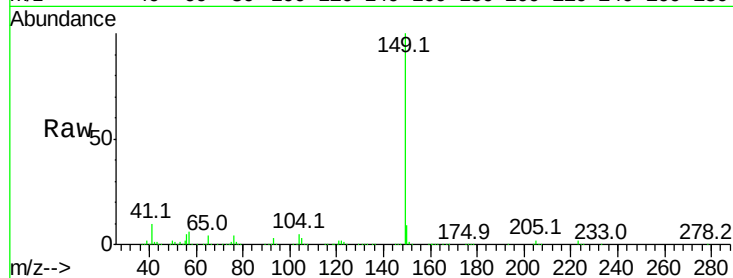
ClientSampled :

PB101039BS

Tot Ion:	149	Resp:	851481
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 40.780 ng

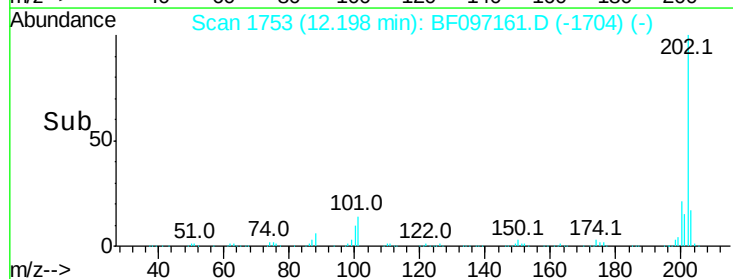
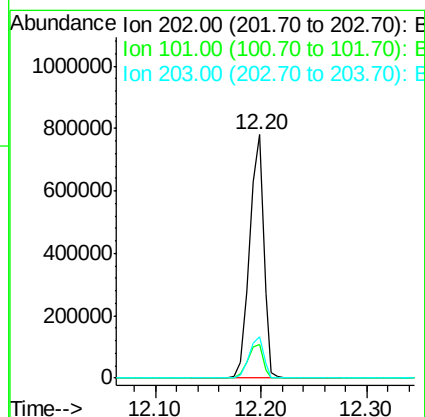
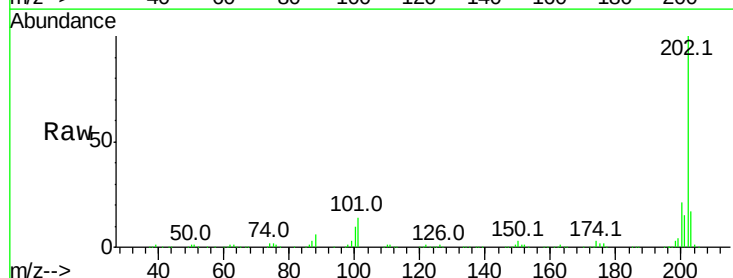
RT: 12.20 min Scan# 1753

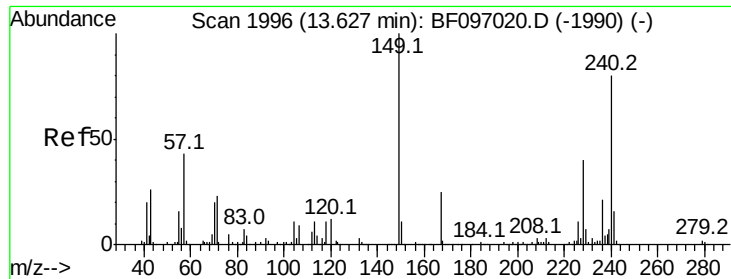
Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:	202	Resp:	723648
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

ClientSampleId :

PB101039BS

Tot Ion:240 Resp: 210527
Ion Ratio Lower Upper

240 100

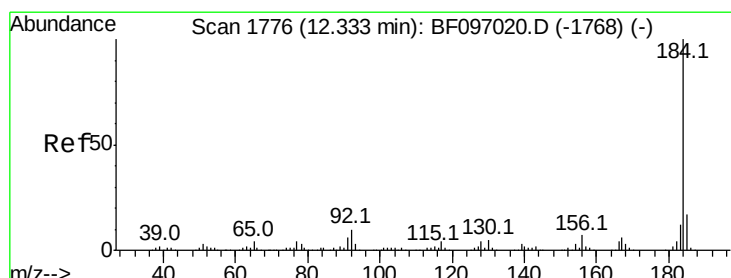
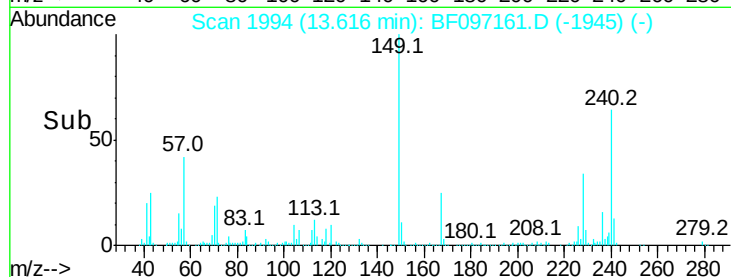
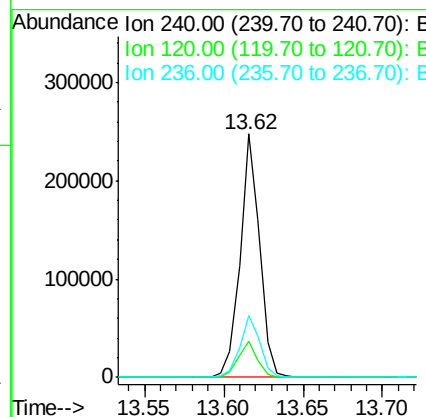
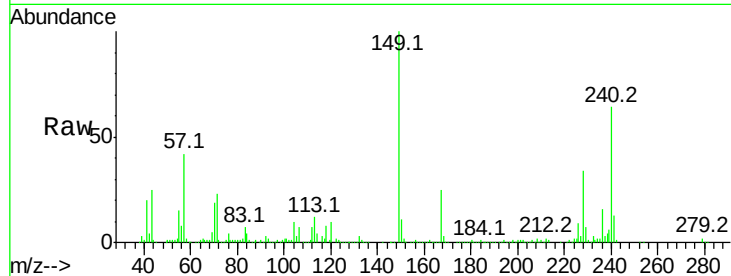
120 15.0 5.8 8.8#

236 25.2 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 8.752 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097161.D

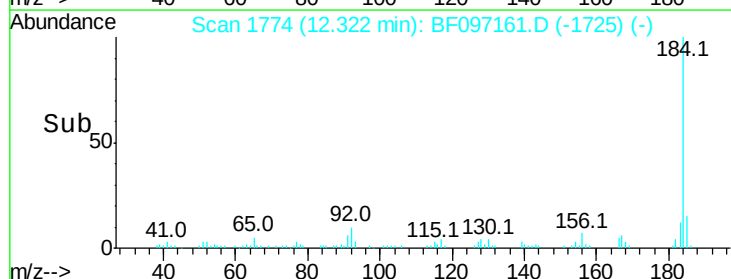
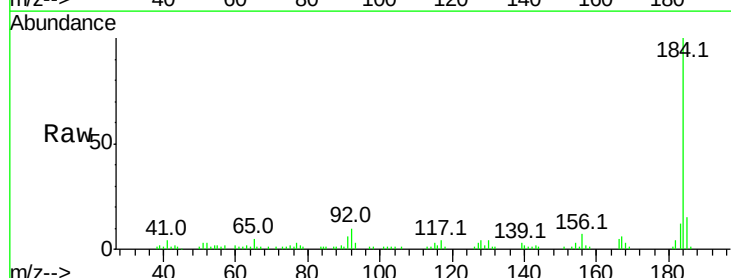
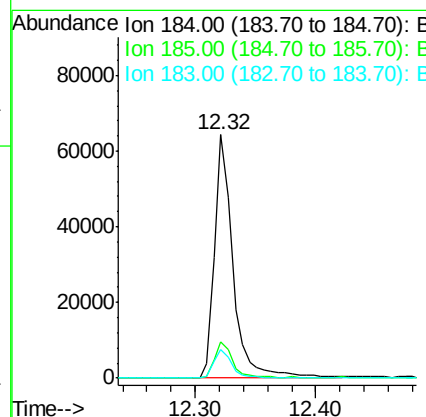
Acq: 28 Jul 2017 18:39

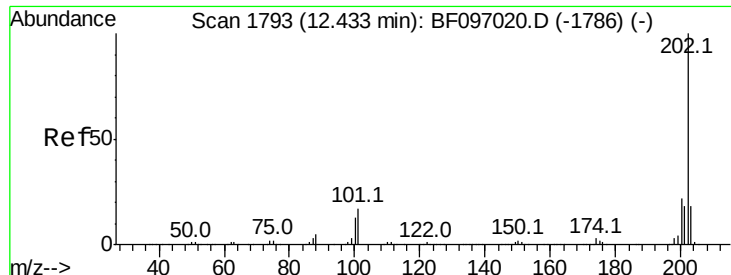
Tgt Ion:184 Resp: 68370
Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

183 11.8 9.8 14.6





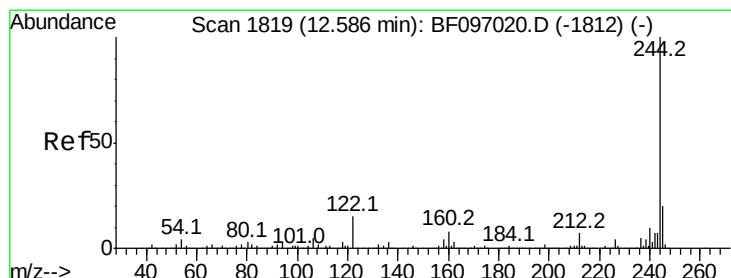
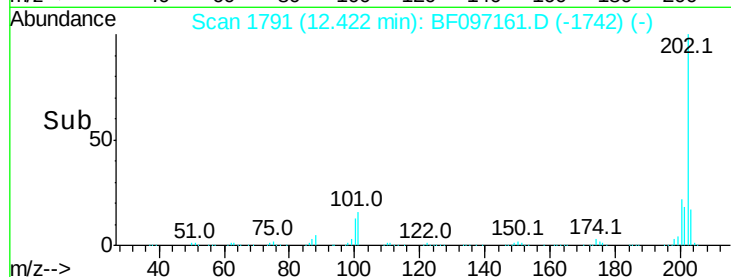
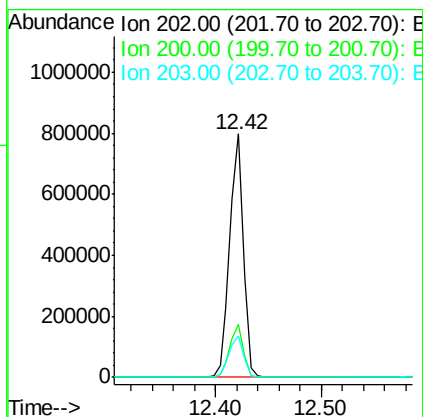
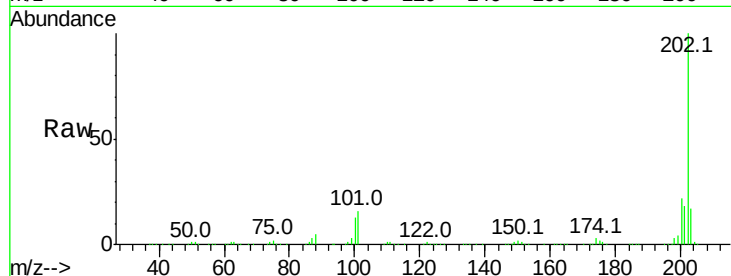
#77
Pvrene
Concen: 41.462 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampled :
PB101039BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.0	14.4	21.6

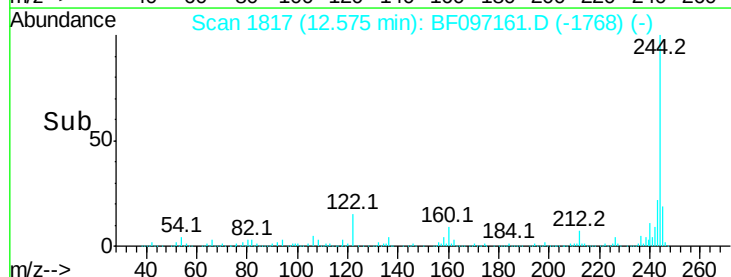
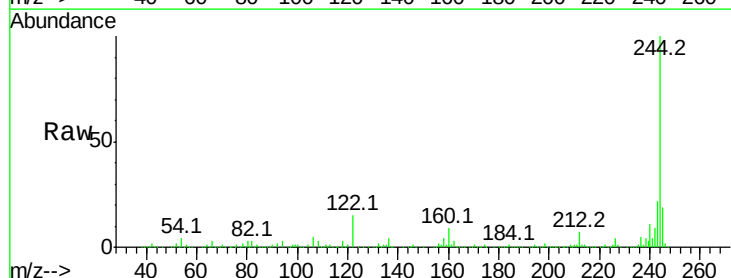
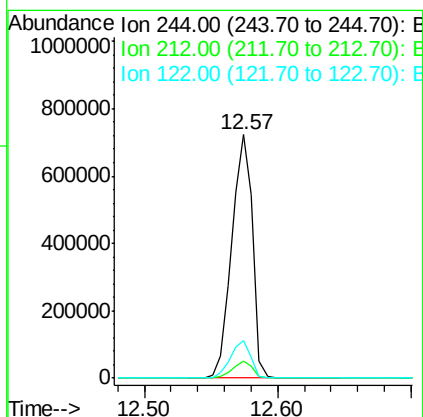
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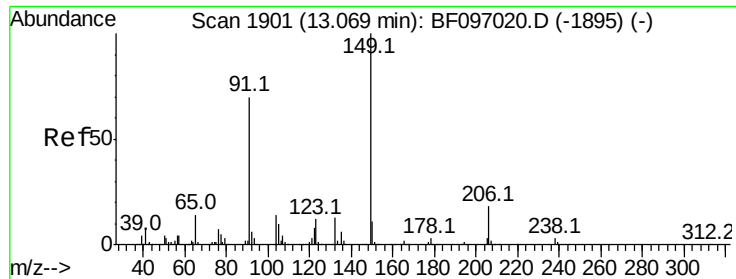
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#78
Terphenyl-d14
Concen: 76.378 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

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





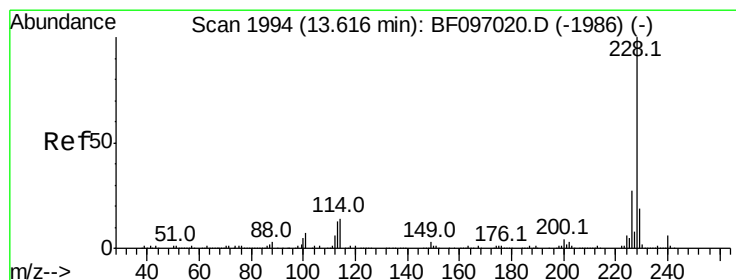
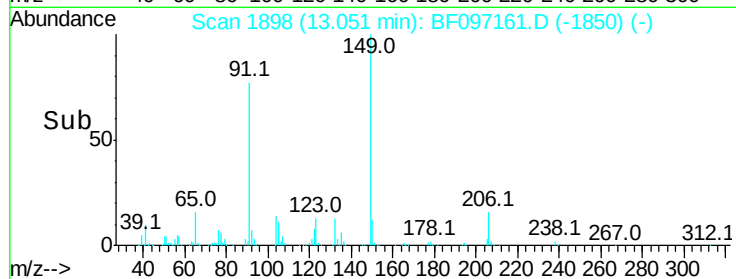
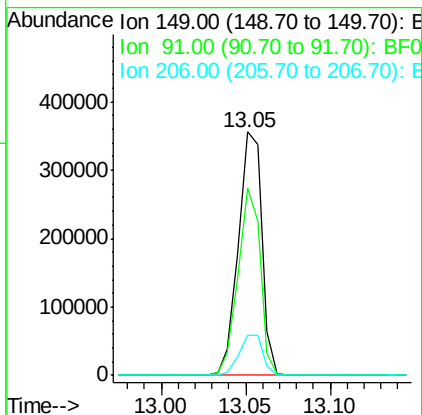
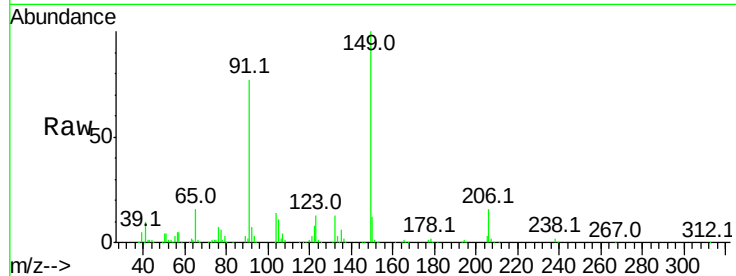
#79
Butylbenzylphthalate
Concen: 39.480 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.0	45.0	67.4#
206	16.3	17.0	25.6#

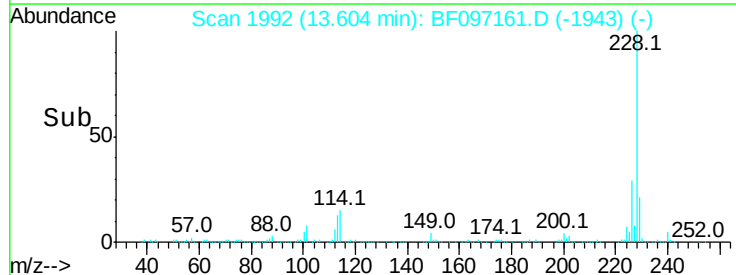
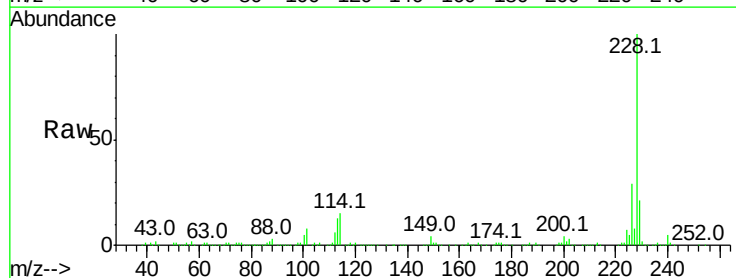
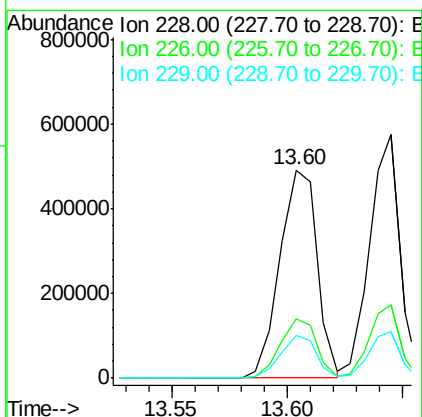
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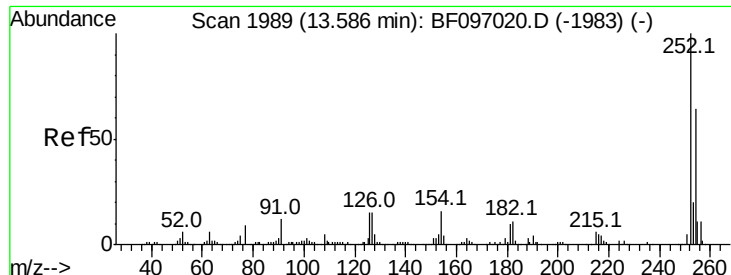
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#80
Benzo(a)anthracene
Concen: 40.357 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.6	16.3	24.5





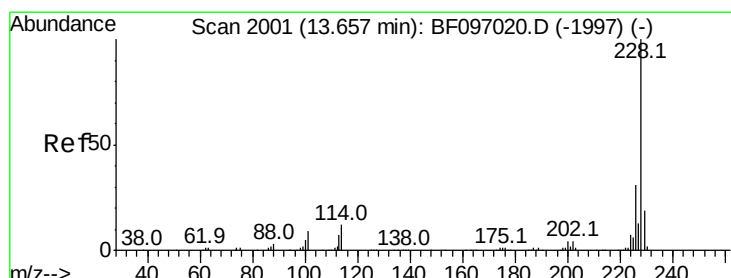
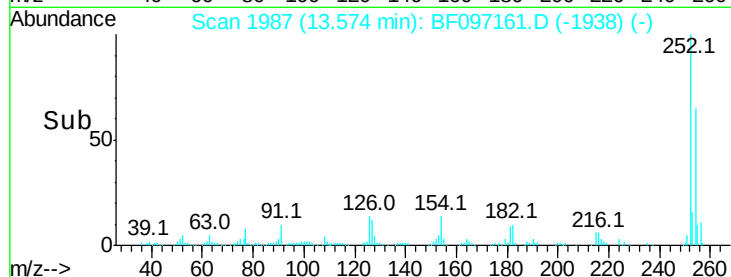
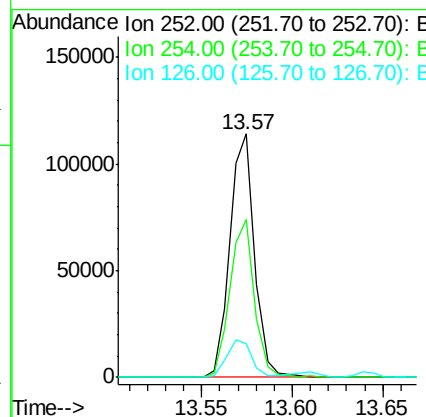
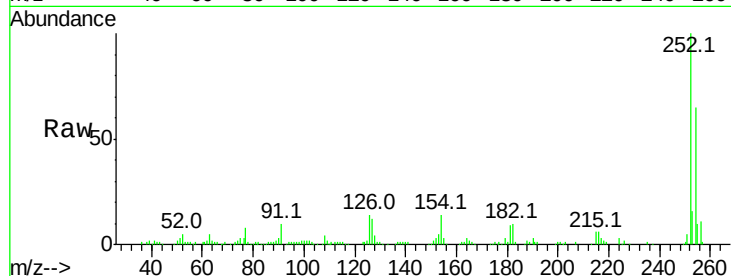
#81
 3,3'-Dichlorobenzidine
 Concen: 20.988 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	51.5	77.3
126	13.8	15.8	23.8

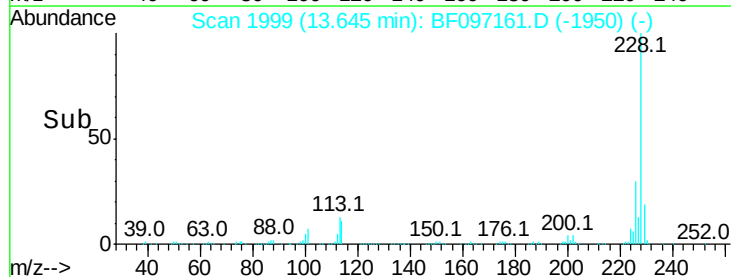
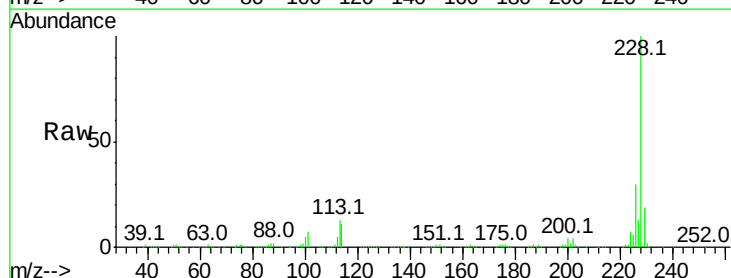
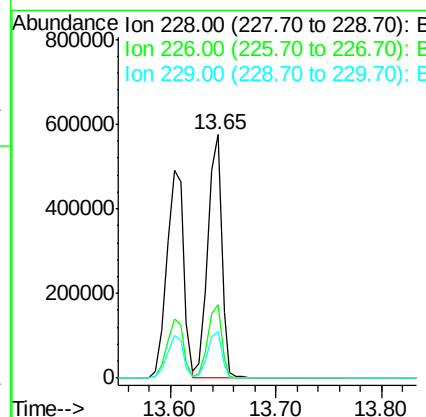
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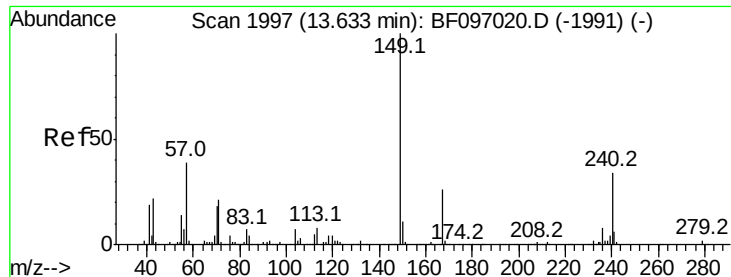
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#82
 Chrysene
 Concen: 39.630 ng
 RT: 13.65 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.3	15.8	23.6





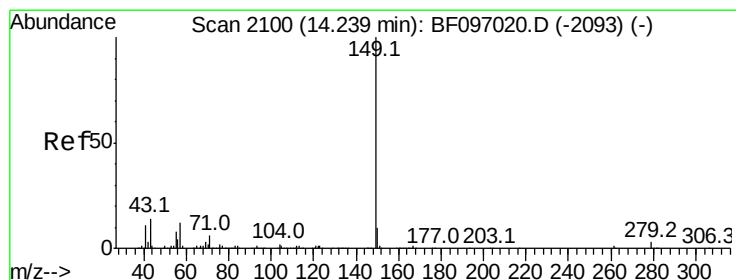
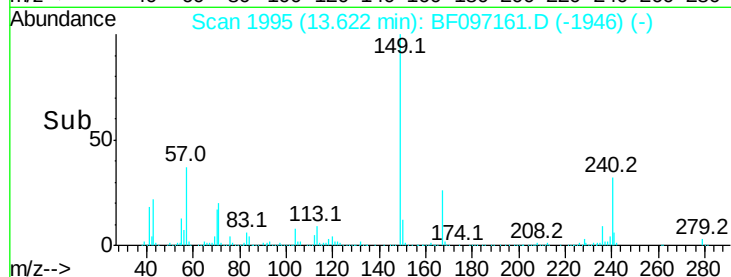
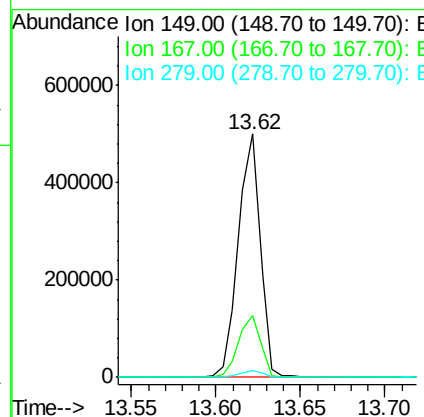
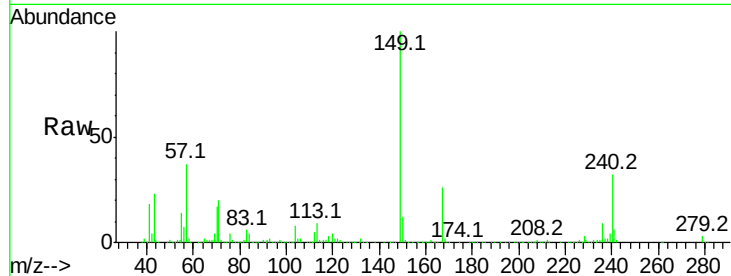
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.489 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.6	21.0	31.4	
279	2.7	1.9	2.9	

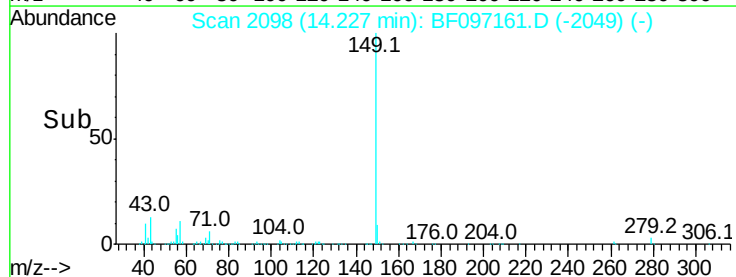
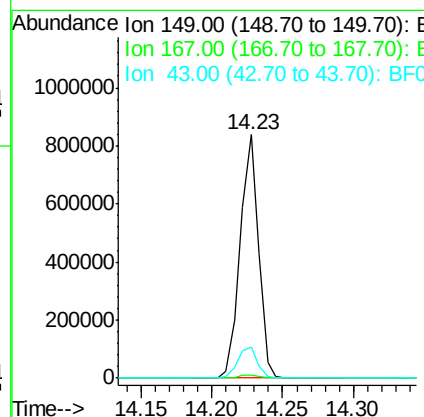
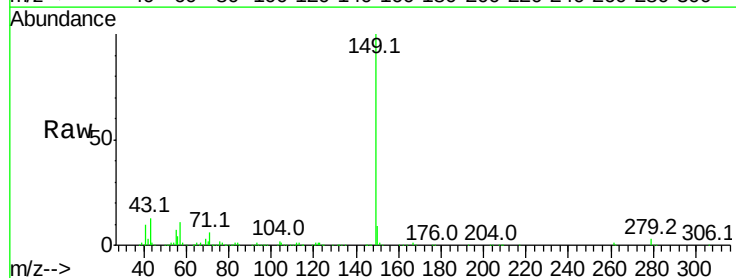
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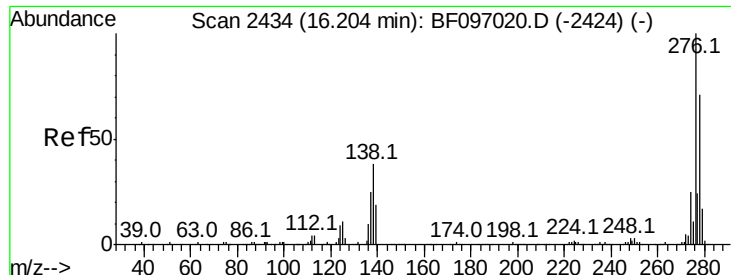
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#84
 Di-n-octyl phthalate
 Concen: 36.160 ng
 RT: 14.23 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.5	8.5	12.7	





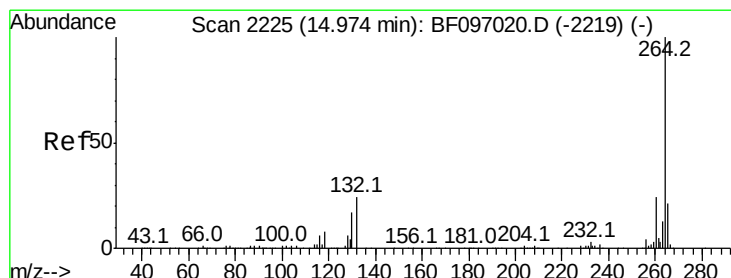
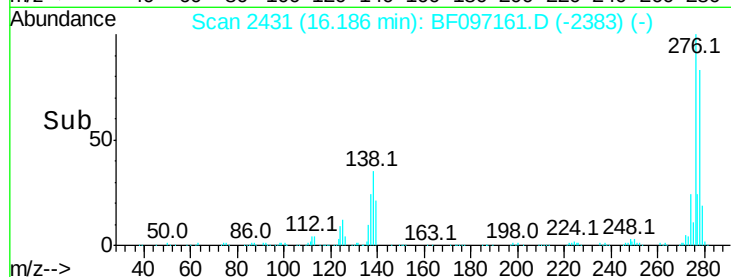
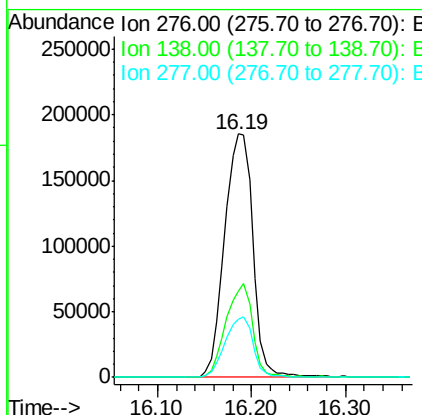
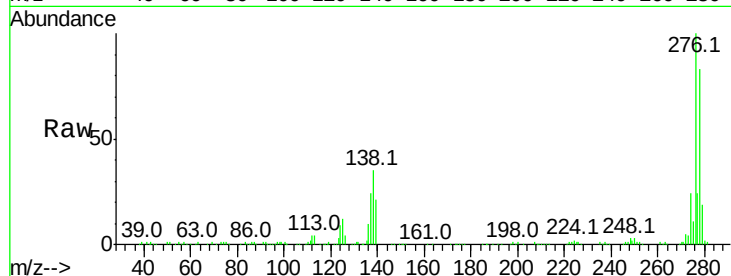
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.116 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	389113		
138	36.4		27.8	41.6
277	24.3		20.2	30.4

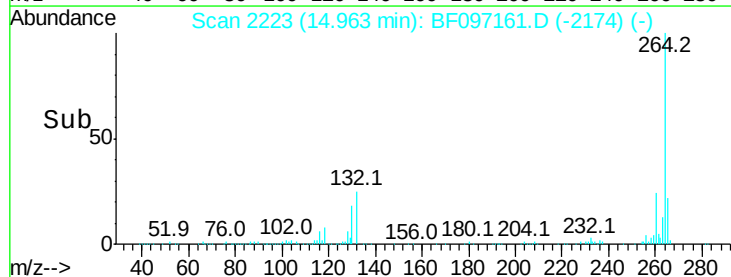
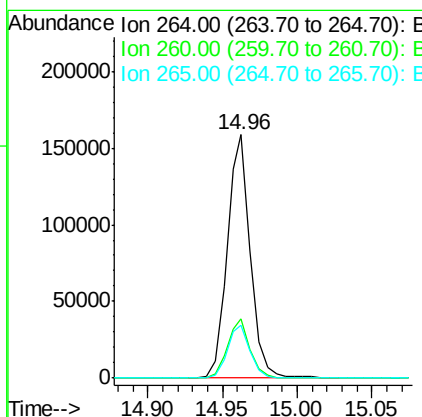
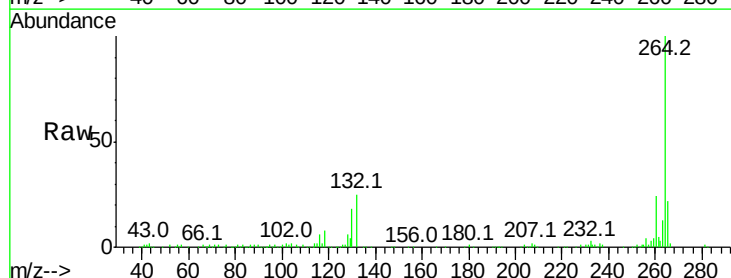
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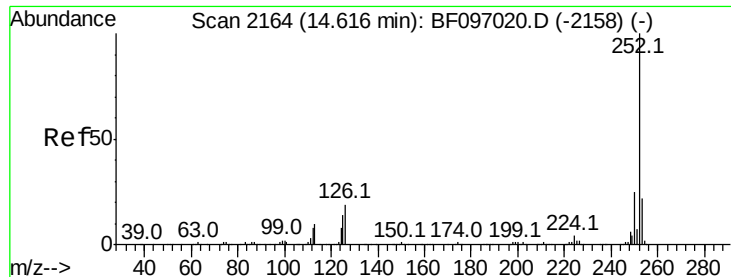
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	172466		
260	24.2		19.5	29.3
265	21.8		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.031 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Instrument :

BNA_F

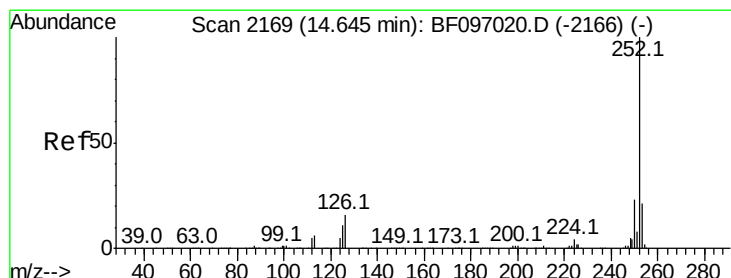
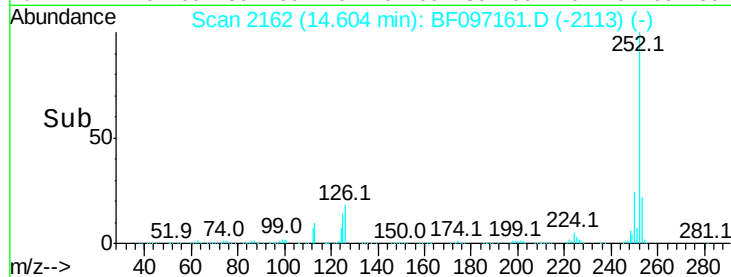
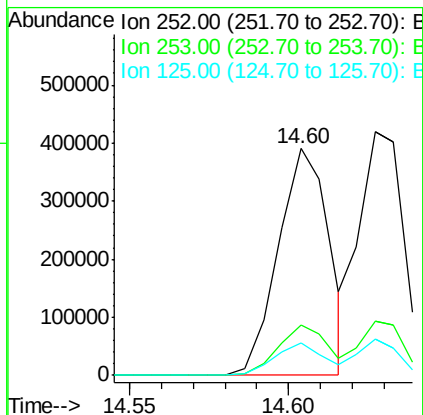
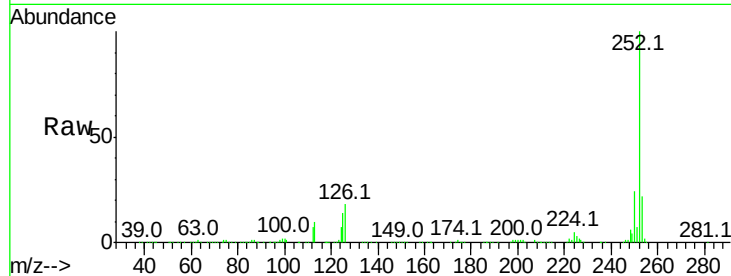
ClientSampleId :

PB101039BS

Tot Ion:252	Resp:	435745
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.1 27.1
125	14.4	9.8 14.8

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#88

Benzo(k)fluoranthene

Concen: 42.404 ng

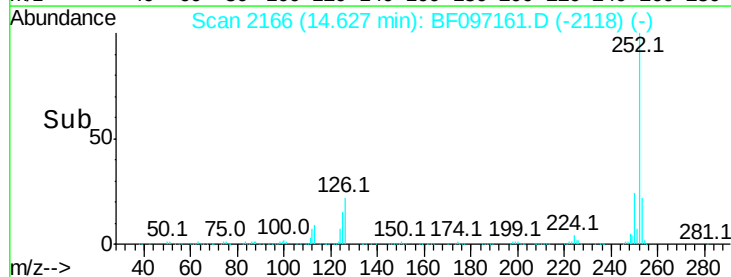
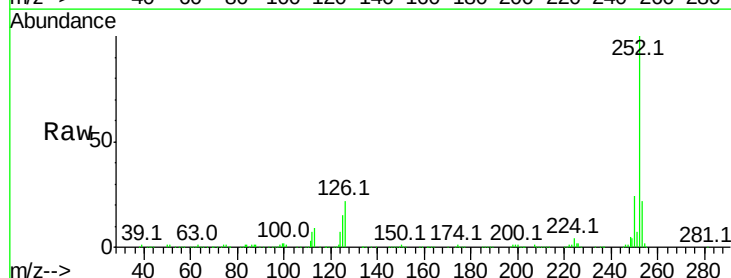
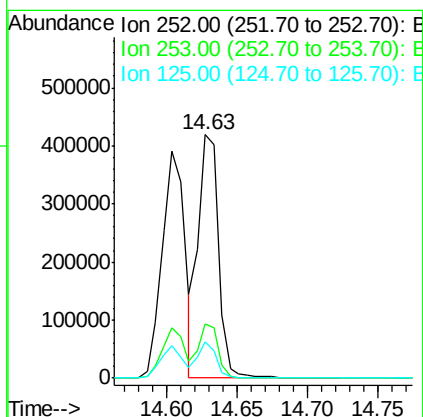
RT: 14.63 min Scan# 2166

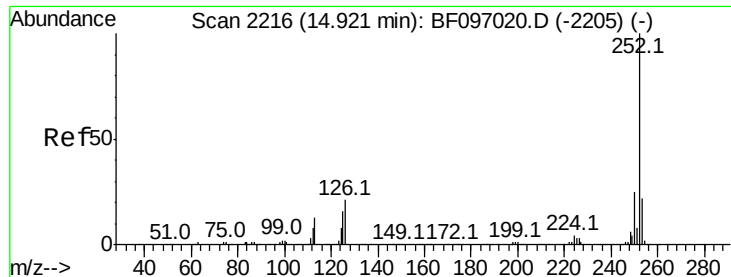
Delta R.T. -0.02 min

Lab File: BF097161.D

Acq: 28 Jul 2017 18:39

Tgt Ion:252	Resp:	418918
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.4 27.6
125	14.7	13.1 19.7





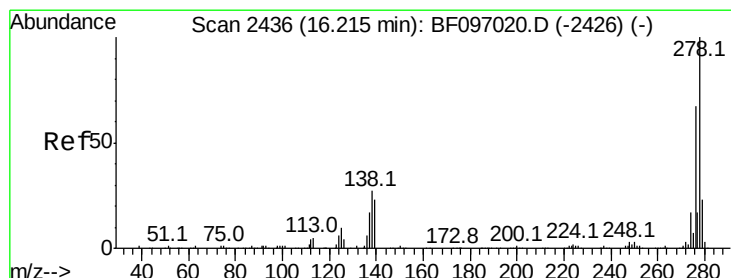
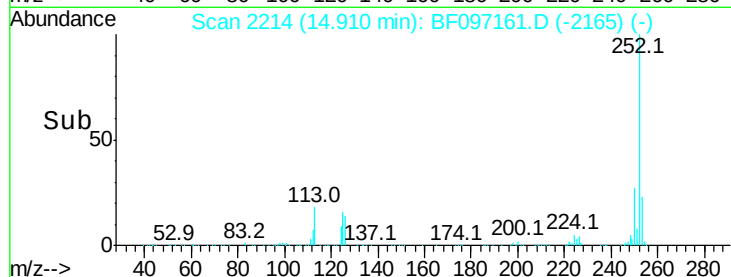
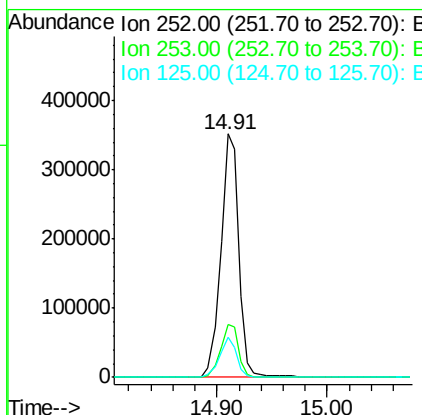
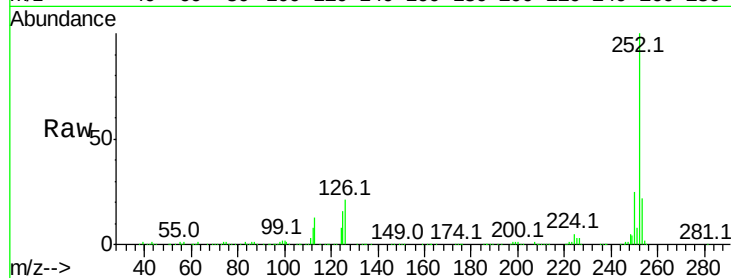
#89
Benzo(a)pyrene
Concen: 42.063 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	16.3	11.0	16.4

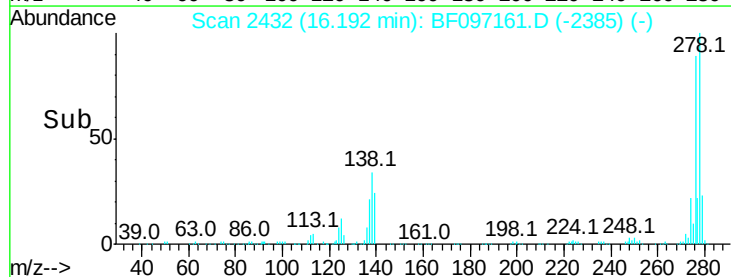
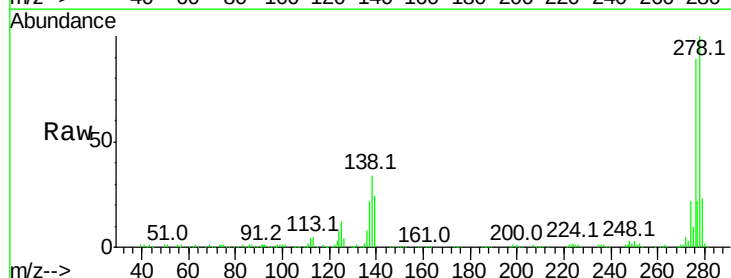
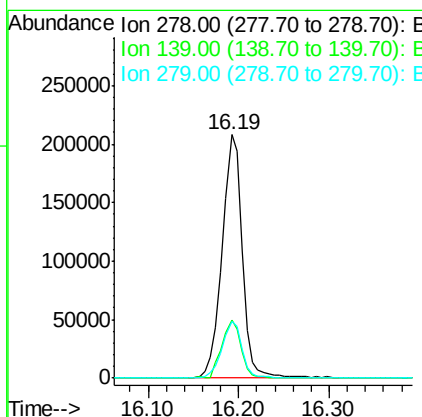
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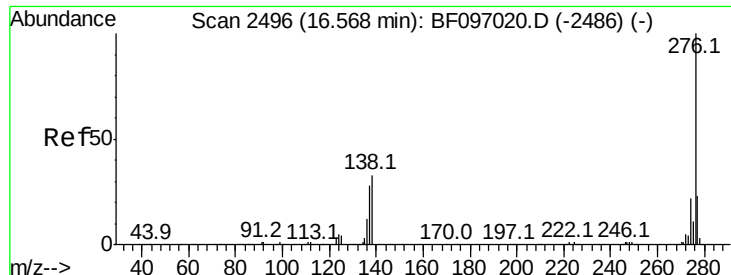
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#90
Dibenzo(a,h)anthracene
Concen: 41.142 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BF097161.D
Acq: 28 Jul 2017 18:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.573 ng
 RT: 16.55 min Scan# 2493
 Delta R.T. -0.02 min
 Lab File: BF097161.D
 Acq: 28 Jul 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BS

Tot Ion:	276	Resp:	339224
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	28.0
138	30.3	25.4	38.0

Manual Integrations
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