

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097125.D
 Acq On : 27 Jul 2017 16:28
 Operator : SJ/JU
 Sample : PB101001BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:48 PM

Quant Time: Jul 27 17:31:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88503	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	378403	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	190009	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	287443	20.00	ng	0.00
75) Chrysene-d12	13.62	240	165287	20.00	ng	0.00
86) Perylene-d12	14.96	264	154184	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	646492	110.12	ng	0.02
7) Phenol-d6	6.16	99	772819	115.31	ng	0.00
23) Nitrobenzene-d5	7.06	82	474267	73.53	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	136787	91.12	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	846936	75.65	ng	0.00
78) Terphenyl-d14	12.57	244	552918	68.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.09	88	76490	31.221	ng	# 73
3) Pyridine	2.72	79	215937	28.784	ng	# 59
4) n-Nitrosodimethylamine	2.65	42	136920	32.944	ng	# 77
6) Aniline	6.15	93	211112	25.031	ng	# 79
8) 2-Chlorophenol	6.28	128	232884	37.097	ng	99
9) Benzaldehyde	6.03	77	168258	42.413	ng	95
10) Phenol	6.17	94	272585	34.288	ng	95
11) bis(2-Chloroethyl)ether	6.23	93	209429	33.308	ng	91
12) 1,3-Dichlorobenzene	6.43	146	240929	35.613	ng	98
13) 1,4-Dichlorobenzene	6.50	146	270587	40.359	ng	95
14) 1,2-Dichlorobenzene	6.66	146	234575	40.071	ng	98
15) Benzyl Alcohol	6.65	79	183484	43.240	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.77	45	435036	34.496	ng	# 50
17) 2-Methylphenol	6.77	107	171781	35.455	ng	# 90
18) Hexachloroethane	7.00	117	78826	32.137	ng	# 85
19) n-Nitroso-di-n-propylamine	6.92	70	157145	35.620	ng	# 80
20) 3+4-Methylphenols	6.93	107	242885	38.383	ng	# 61
22) Acetophenone	6.90	105	310071	34.122	ng	97
24) Nitrobenzene	7.07	77	220970	32.893	ng	92
25) Isophorone	7.32	82	420886	33.318	ng	96
26) 2-Nitrophenol	7.39	139	101074	27.810	ng	# 87
27) 2,4-Dimethylphenol	7.45	122	214934	35.849	ng	97
28) bis(2-Chloroethoxy)methane	7.54	93	280279	34.000	ng	98
29) 2,4-Dichlorophenol	7.65	162	182351	35.305	ng	97
30) 1,2,4-Trichlorobenzene	7.72	180	177638	36.083	ng	98
31) Naphthalene	7.79	128	644701	36.143	ng	100
32) Benzoic acid	7.59	122	112963	25.232	ng	92
33) 4-Chloroaniline	7.85	127	154971	21.352	ng	96
34) Hexachlorobutadiene	7.92	225	99111	37.974	ng	98
35) Caprolactam	8.22	113	61479m	37.121	ng	
36) 4-Chloro-3-methylphenol	8.36	107	199334	35.375	ng	88
37) 2-Methylnaphthalene	8.49	142	453992	40.198	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	162906	32.132	ng	98
40) Hexachlorocyclopentadiene	8.64	237	41098	27.863	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	109487	29.800	nq	97
43) 2,4,5-Trichlorophenol	8.82	196	114526	31.143	nq	95
45) 1,1'-Biphenyl	8.95	154	496673	30.603	nq	98
46) 2-Chloronaphthalene	8.97	162	380152	31.831	nq	93
47) 2-Nitroaniline	9.07	65	150483	34.719	nq	94
48) Acenaphthylene	9.38	152	656544	35.815	nq	99
49) Dimethylphthalate	9.26	163	459373	31.837	nq	99
50) 2,6-Dinitrotoluene	9.32	165	106537	34.813	nq	# 76
51) Acenaphthene	9.55	154	382438	35.418	nq	98
52) 3-Nitroaniline	9.48	138	125566	33.056	nq	99
53) 2,4-Dinitrophenol	9.60	184	37968	27.287	nq	# 74
54) Dibenzofuran	9.72	168	550388	38.268	nq	97
55) 4-Nitrophenol	9.67	139	125562	55.584	nq	# 62
56) 2,4-Dinitrotoluene	9.72	165	120968	34.385	nq	# 46
57) Fluorene	10.06	166	379561	35.112	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	86242	33.965	nq	99
59) Diethylphthalate	9.95	149	454318	34.320	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	160379	35.928	nq	97
61) 4-Nitroaniline	10.09	138	118141	32.732	nq	89
62) Azobenzene	10.22	77	402320	32.761	nq	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	28915	16.188	nq	87
65) n-Nitrosodiphenylamine	10.18	169	342021	34.198	nq	97
66) 4-Bromophenyl-phenylether	10.55	248	104922	36.576	nq	99
67) Hexachlorobenzene	10.62	284	101015	31.402	nq	94
68) Atrazine	10.72	200	99908	34.837	nq	94
69) Pentachlorophenol	10.82	266	70498	52.967	nq	99
70) Phenanthrene	11.02	178	555146	36.045	nq	98
71) Anthracene	11.07	178	521246	33.044	nq	98
72) Carbazole	11.23	167	495579	31.945	nq	98
73) Di-n-butylphthalate	11.57	149	662084	34.526	nq	99
74) Fluoranthene	12.20	202	479333	31.769	nq	98
76) Benzidine	12.32	184	199689	32.560	nq	# 92
77) Pyrene	12.42	202	483233	35.712	nq	99
79) Butylbenzylphthalate	13.05	149	234695	34.097	nq	# 79
80) Benzo(a)anthracene	13.60	228	366645	34.283	nq	100
81) 3,3'-Dichlorobenzidine	13.57	252	136459	33.835	nq	# 96
82) Chrysene	13.64	228	347497	33.275	nq	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	326379	36.317	nq	100
84) Di-n-octyl phthalate	14.23	149	514817	31.216	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.19	276	293355	32.760	nq	98
87) Benzo(b)fluoranthene	14.60	252	335520	36.201	nq	96
88) Benzo(k)fluoranthene	14.63	252	313758	35.525	nq	97
89) Benzo(a)pyrene	14.91	252	310128	36.561	nq	98
90) Dibenzo(a,h)anthracene	16.19	278	247782	35.621	nq	98
91) Benzo(g,h,i)perylene	16.55	276	244652	33.538	nq	100

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

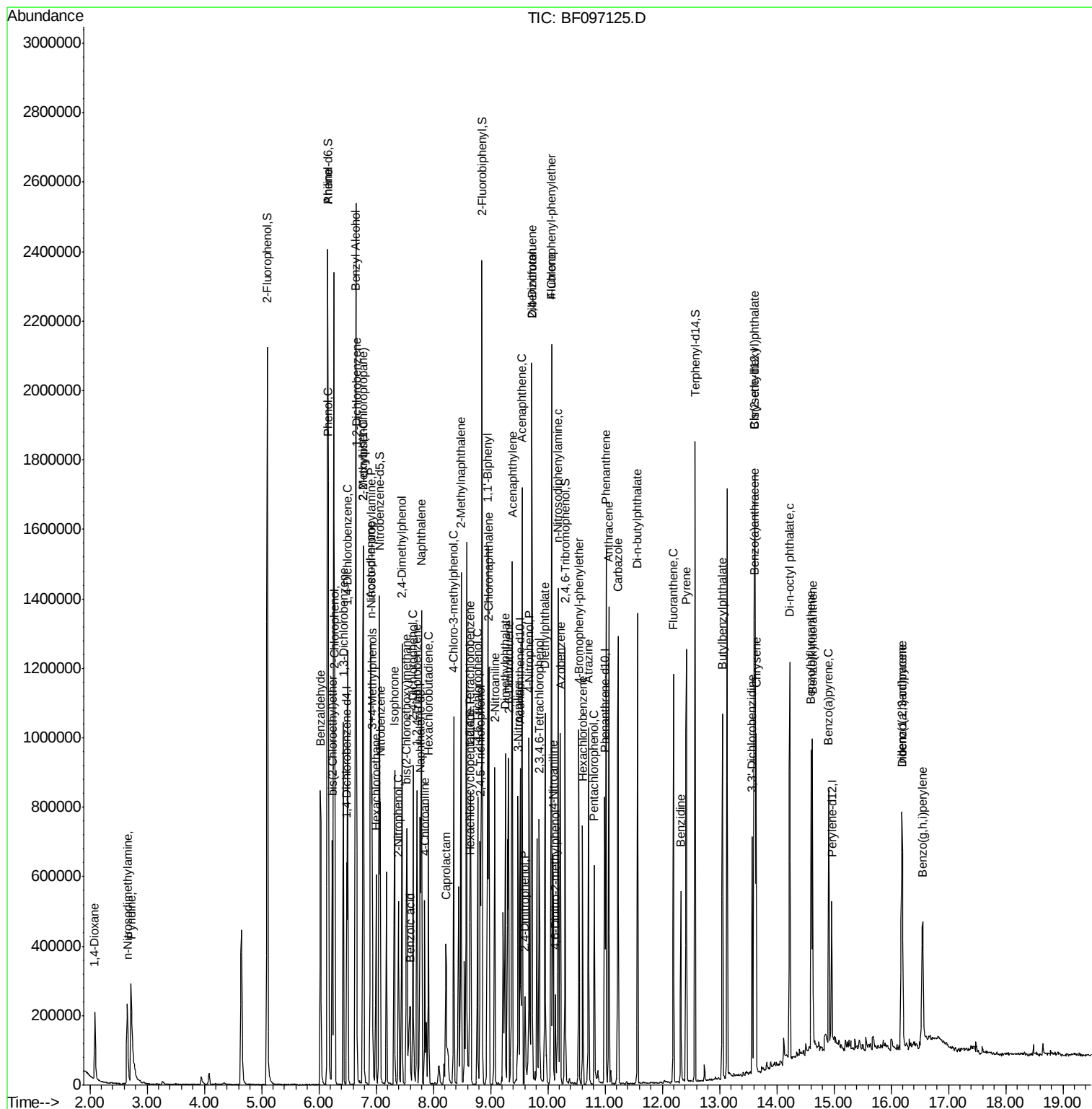
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Operator  : SJ/JU
Sample    : PB101001BS
Misc      :
ALS Vial  : 9      Sample Multiplier: 1
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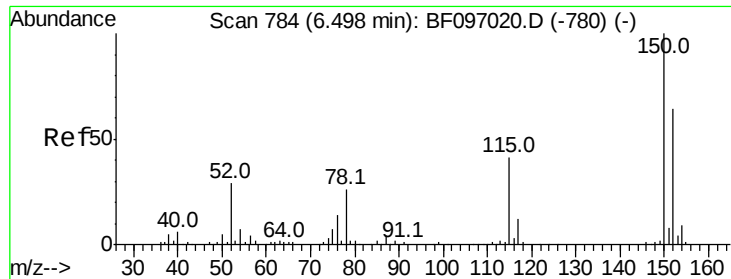
Instrument :
BNA_F
ClientSampleId :
PB101001BS

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#1

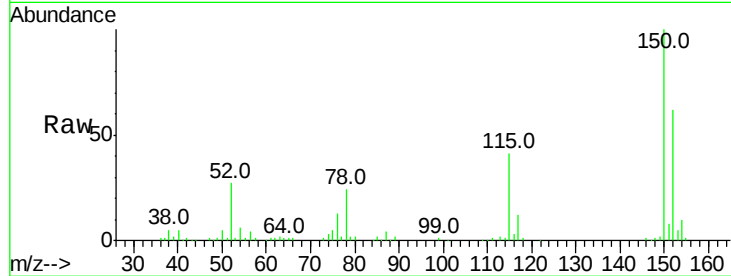
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

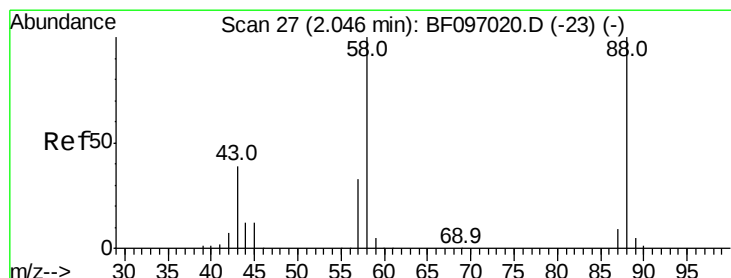
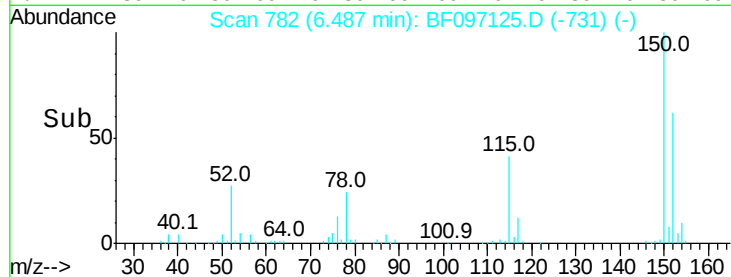
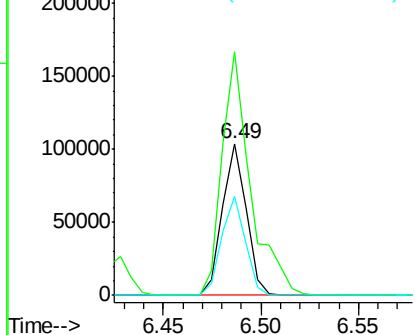
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	65.1	52.2	78.2

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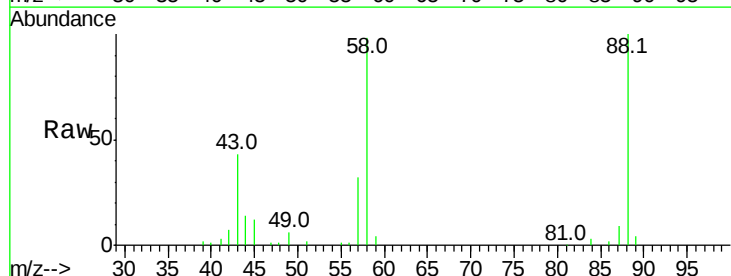
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



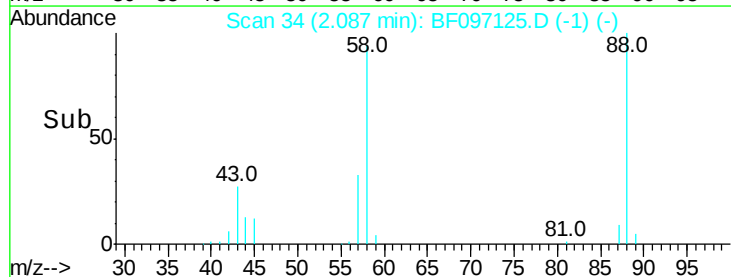
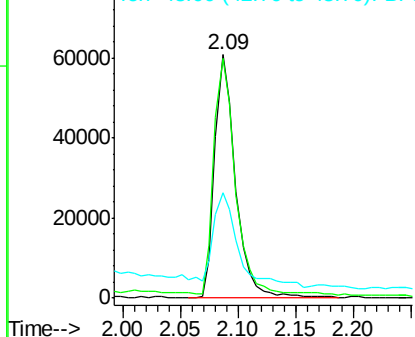
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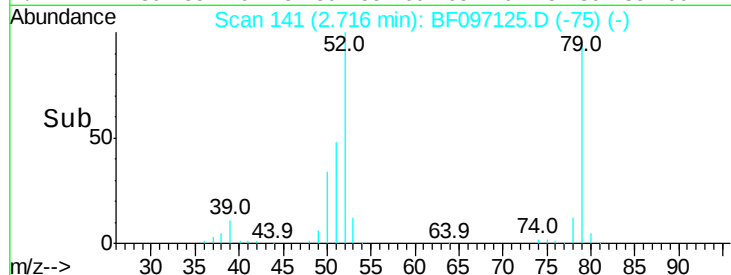
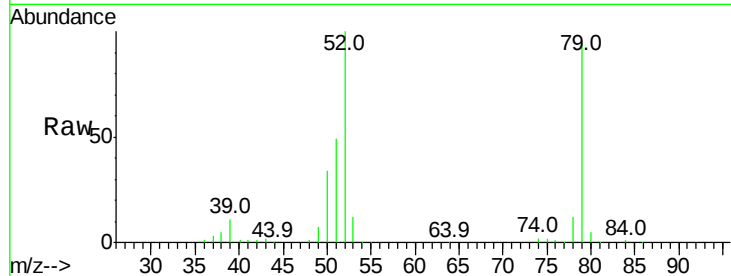
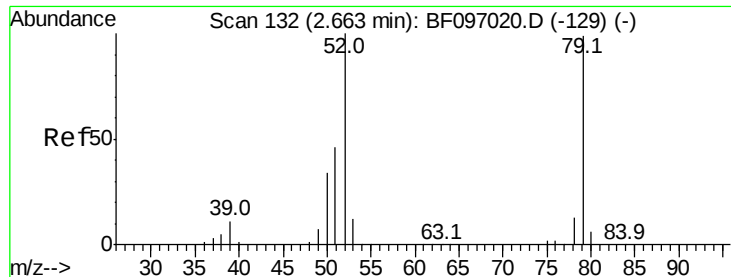
1,4-Dioxane
Concen: 31.221 ng
RT: 2.09 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	61.4	92.0#
43	46.4	23.4	35.0#



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





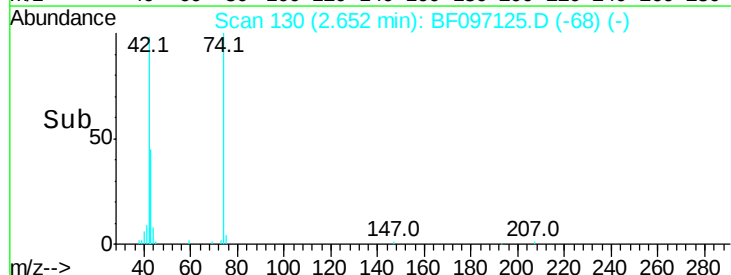
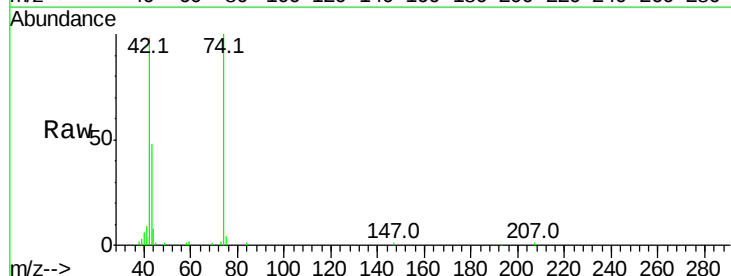
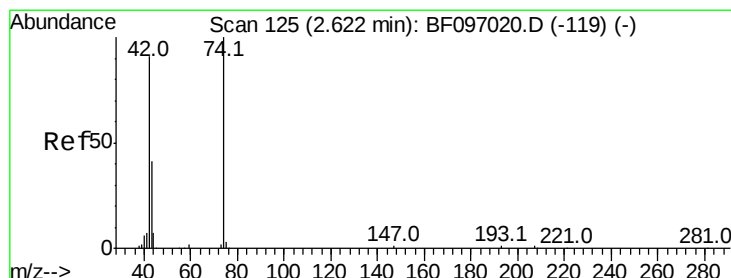
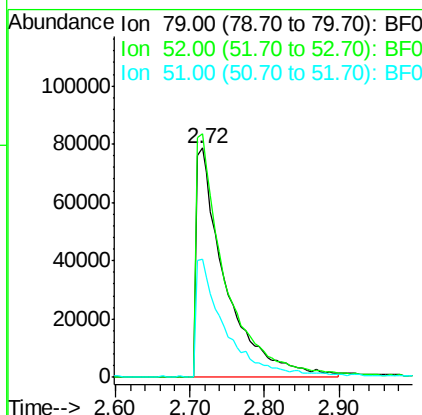
#3
 Pvridine
 Concen: 28.784 ng
 RT: 2.72 min Scan# 141
 Delta R.T. 0.09 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	106.2	54.8	82.2#		
51	51.5	27.0	40.4#		

Instrument :
 BNA_F
 ClientSampled :
 PB101001BS

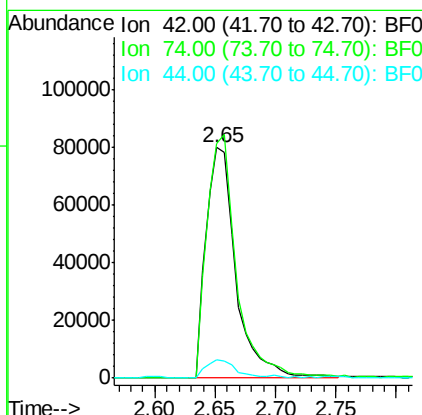
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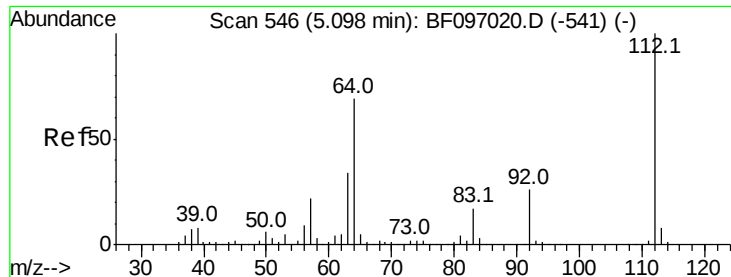
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#4
 n-Nitrosodimethylamine
 Concen: 32.944 ng
 RT: 2.65 min Scan# 130
 Delta R.T. 0.06 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	101.6	103.9	155.9#		
44	8.1	5.7	8.5		





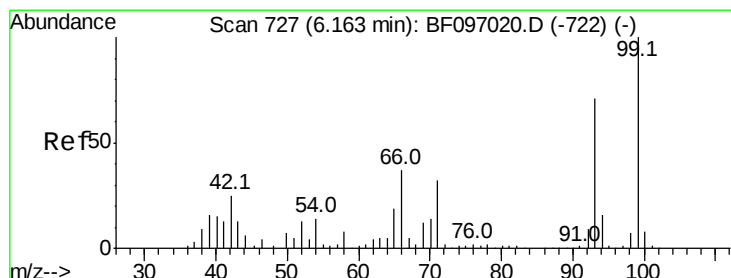
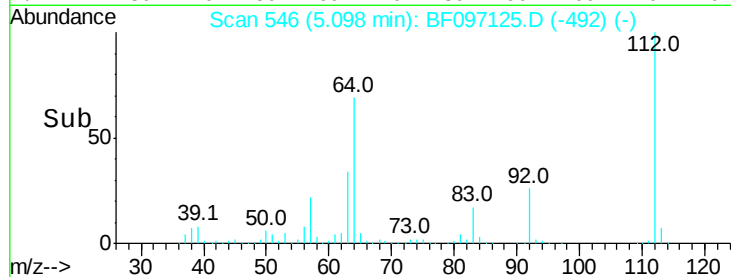
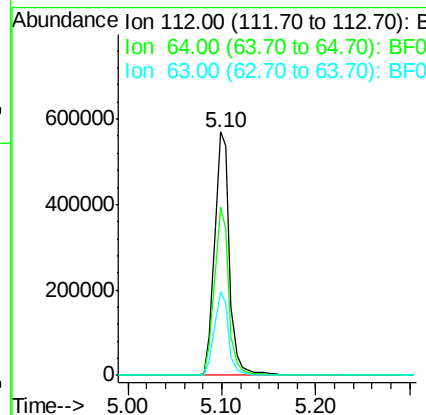
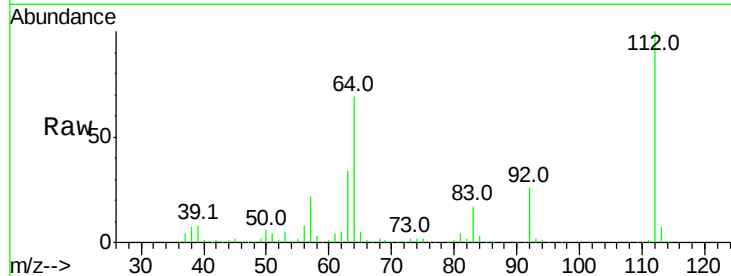
#5
2-Fluorophenol
Concen: 110.118 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	69.1	46.0	69.0#
63	34.1	23.4	35.0

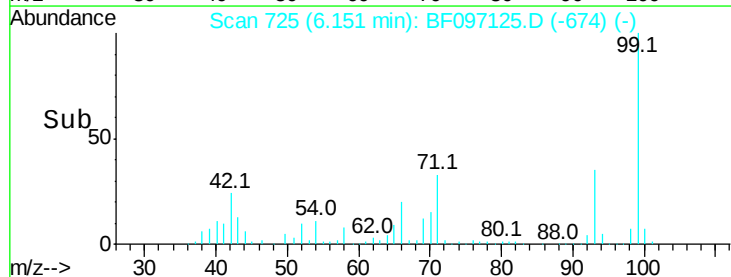
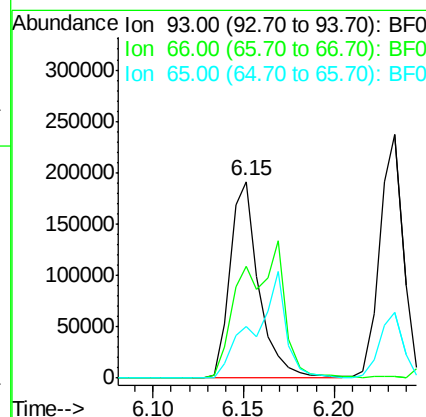
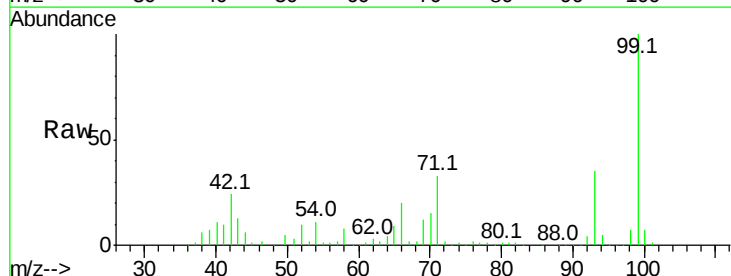
Manual Integrations
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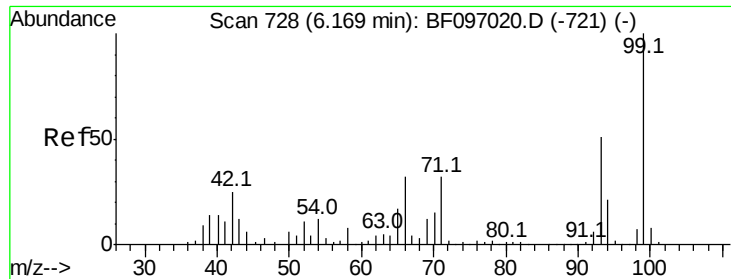
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#6
Aniline
Concen: 25.031 ng
RT: 6.15 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	56.7	32.9	49.3#
65	26.4	16.0	24.0#





#7

Phenol-d6

Concen: 115.306 ng

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

Tot Ion: 99 Resp: 772819

Ion Ratio Lower Upper

99 100

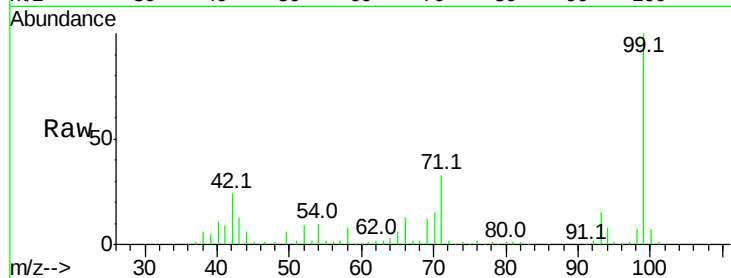
42 23.8 13.5 20.3#

71 32.7 24.5 36.7

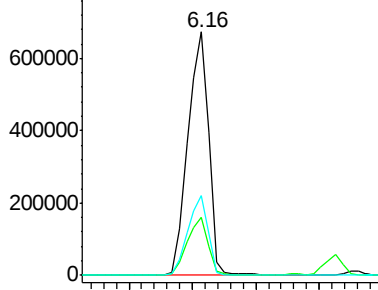
Manual Integrations
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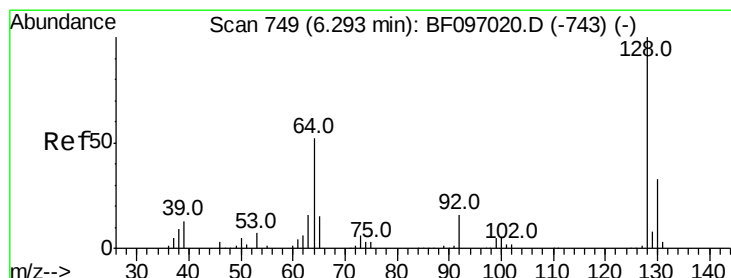
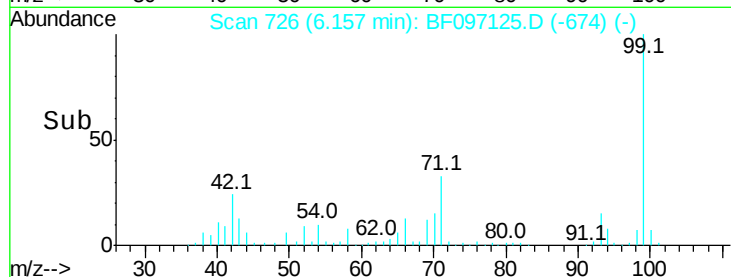
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 37.097 ng

RT: 6.28 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

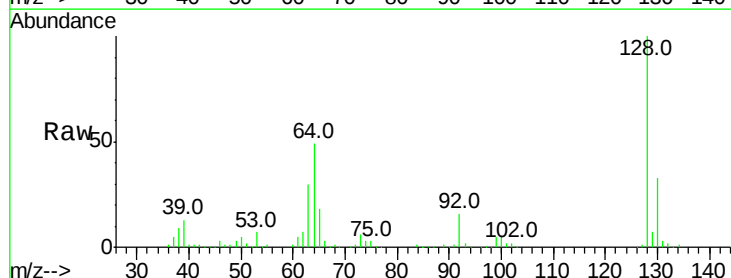
Tgt Ion:128 Resp: 232884

Ion Ratio Lower Upper

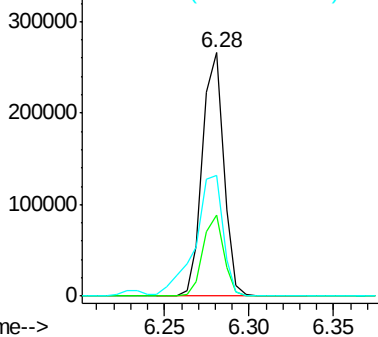
128 100

130 33.3 12.9 52.9

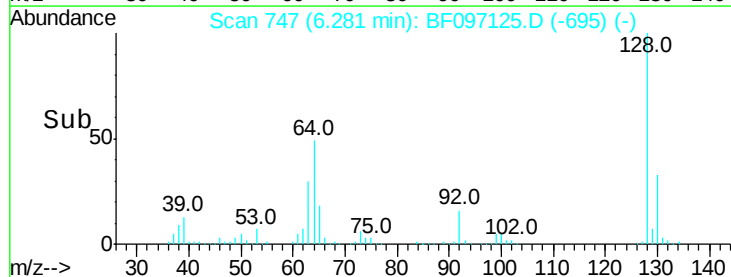
64 49.4 28.4 68.4

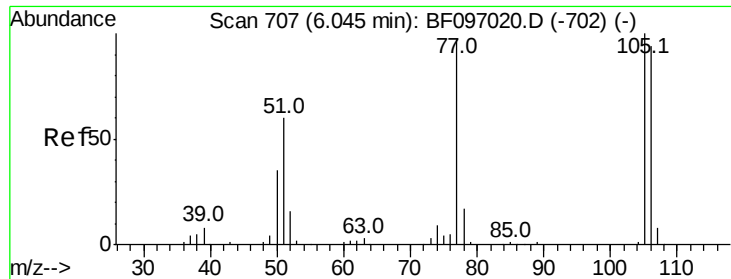


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 42.413 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

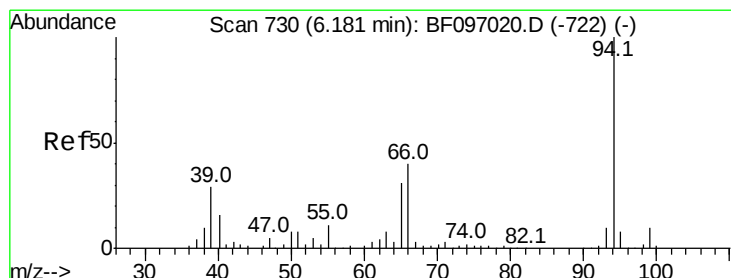
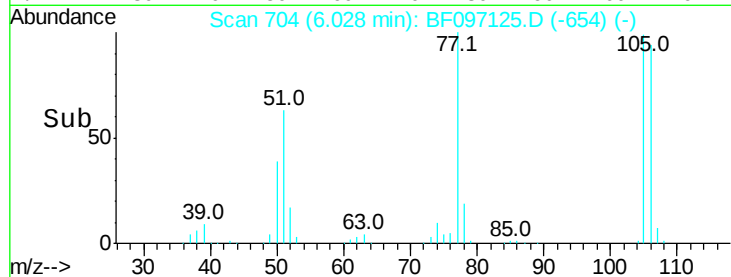
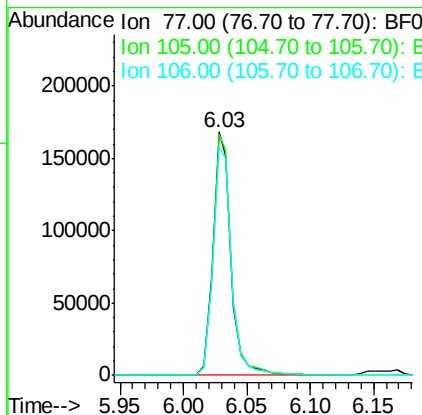
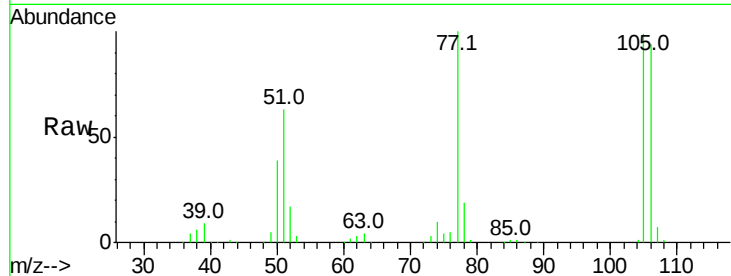
ClientSampleId :

PB101001BS

Tot Ion:	77	Resp:	168258
Ion	Ratio	Lower	Upper
77	100		
105	99.2	83.8	123.8
106	93.8	79.1	119.1

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#10

Phenol

Concen: 34.288 ng

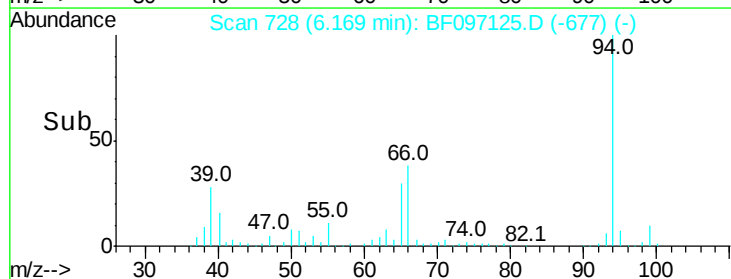
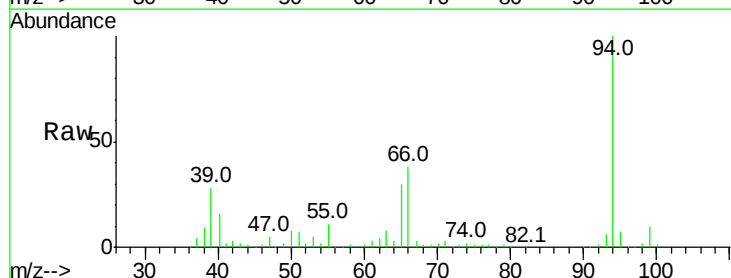
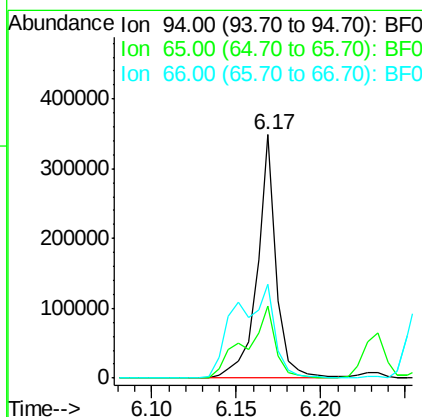
RT: 6.17 min Scan# 728

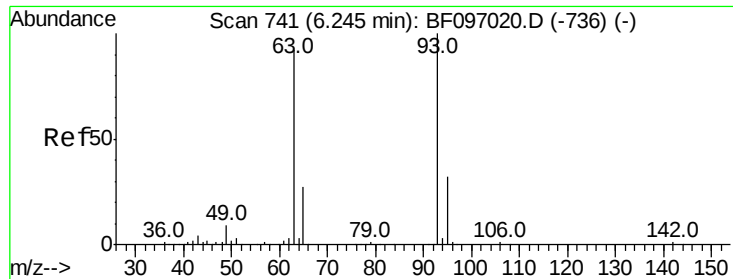
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	94	Resp:	272585
Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.9	49.9
66	38.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 33.308 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

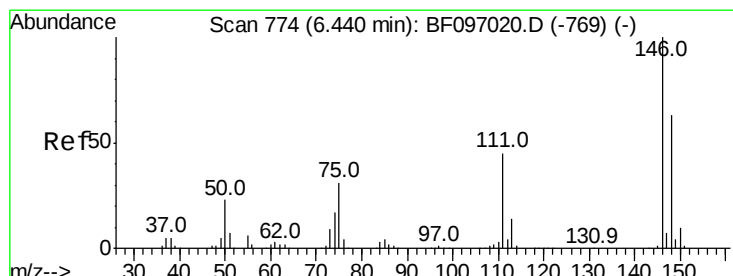
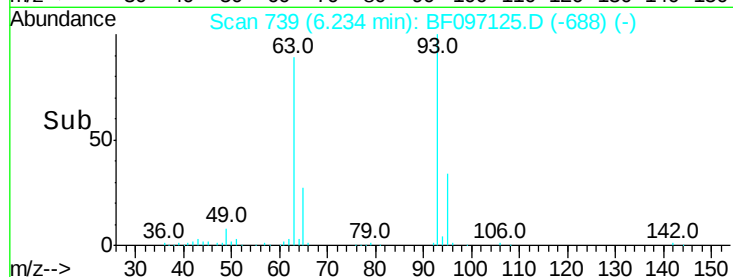
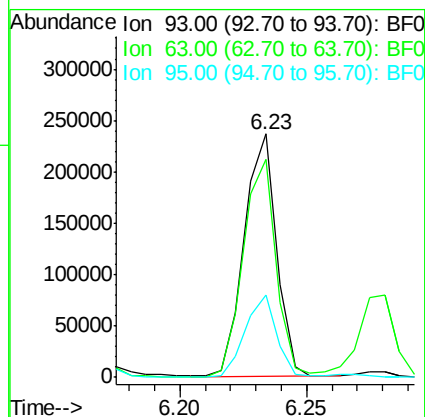
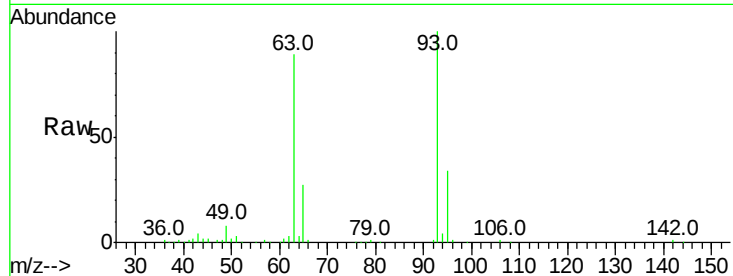
ClientSampleId :

PB101001BS

Tot Ion:	93	Resp:	209429
Ion	Ratio	Lower	Upper
93	100		
63	89.5	59.2	99.2
95	33.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 35.613 ng

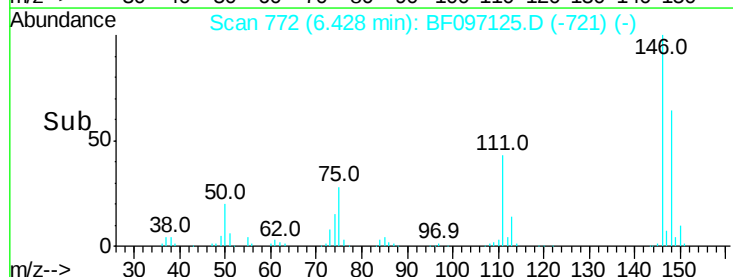
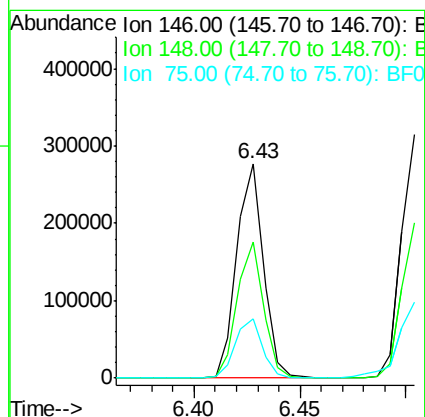
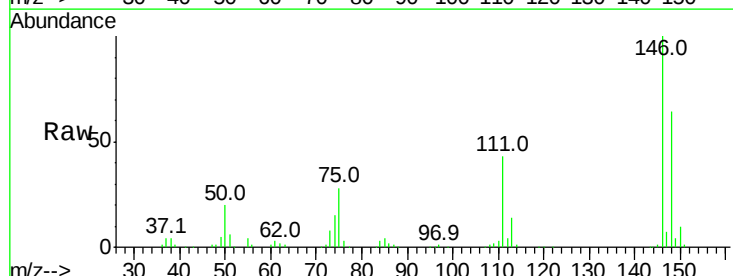
RT: 6.43 min Scan# 772

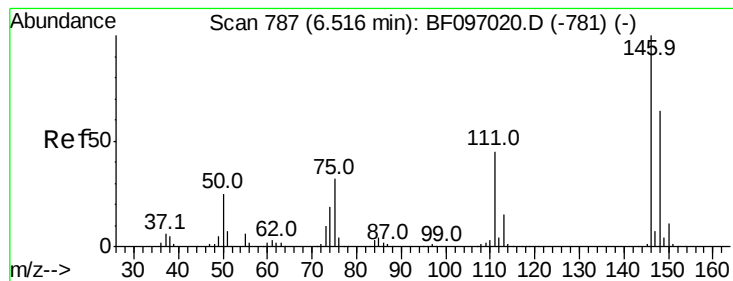
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	146	Resp:	240929
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	27.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.359 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

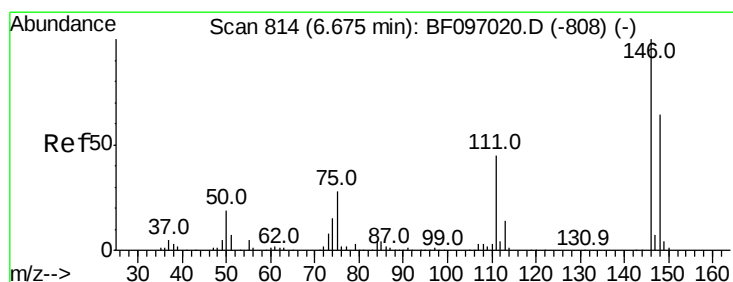
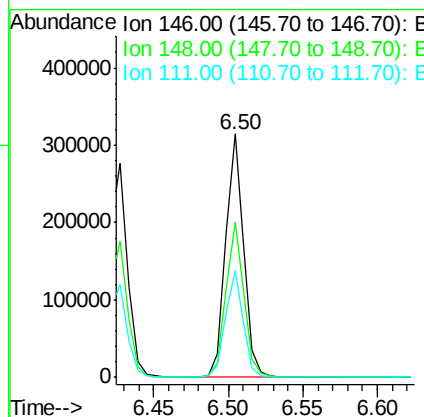
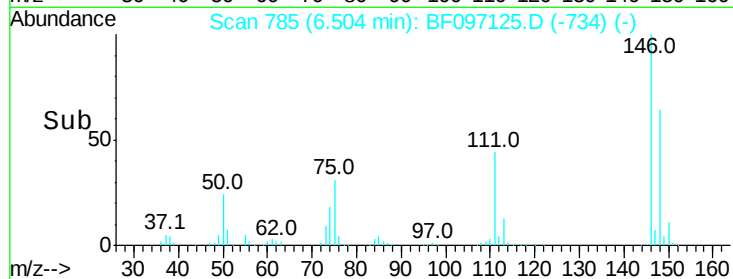
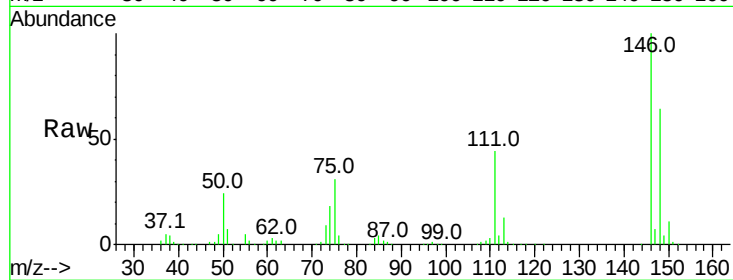
ClientSampled :

PB101001BS

Tot Ion:	146	Resp:	270587
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	44.0	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 40.071 ng

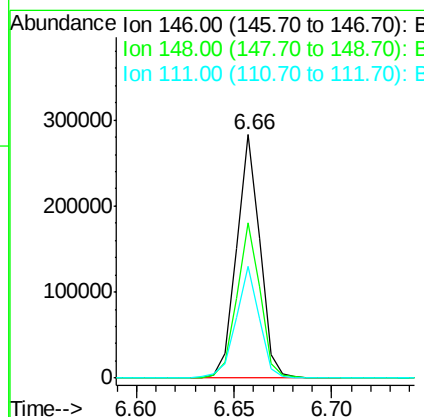
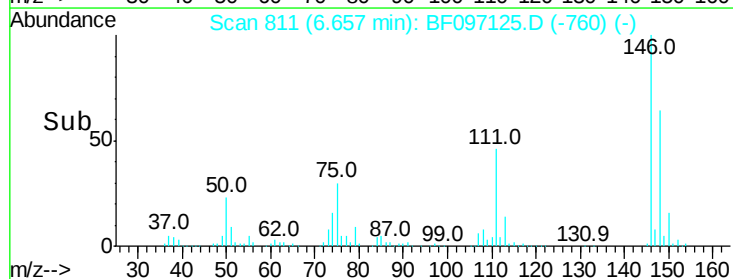
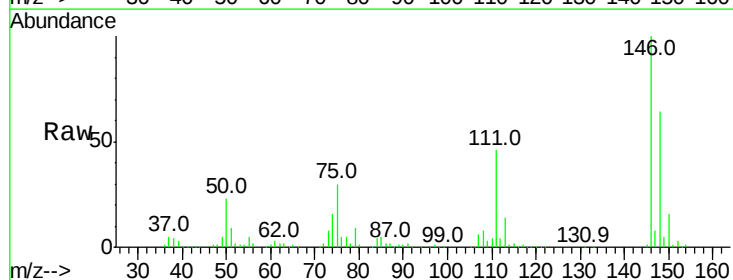
RT: 6.66 min Scan# 811

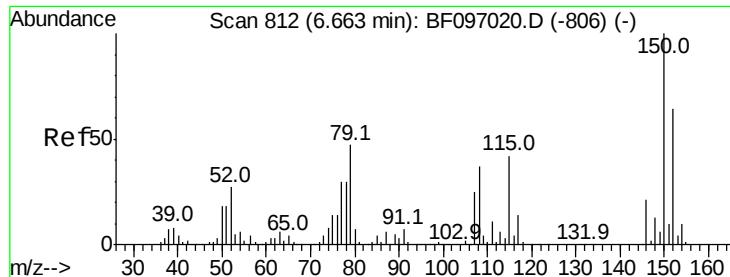
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	146	Resp:	234575
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.4	75.6
111	46.1	38.2	57.4





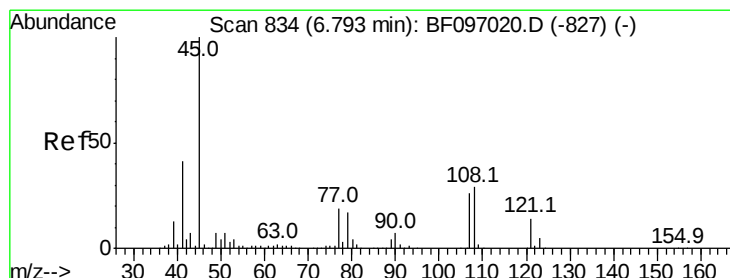
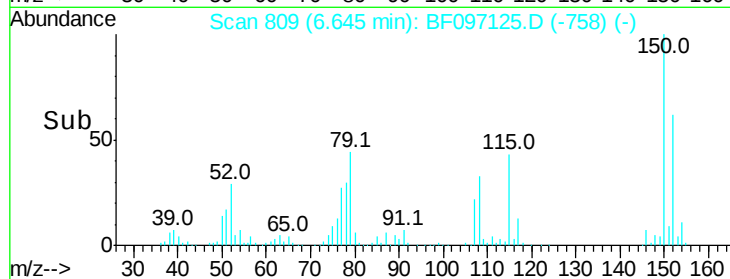
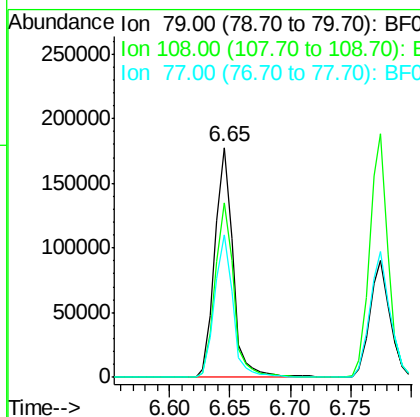
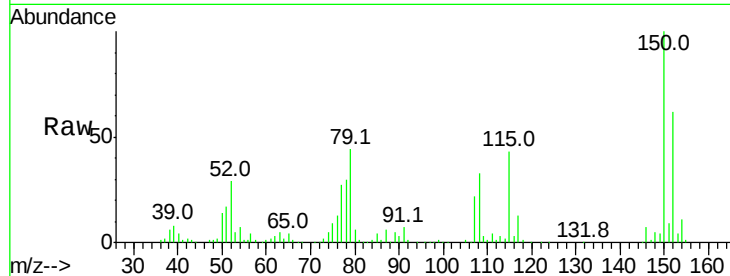
#15
Benzyl Alcohol
Concen: 43.240 ng
RT: 6.65 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampled :
PB101001BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	63.4	95.0
77	62.0	49.2	73.8

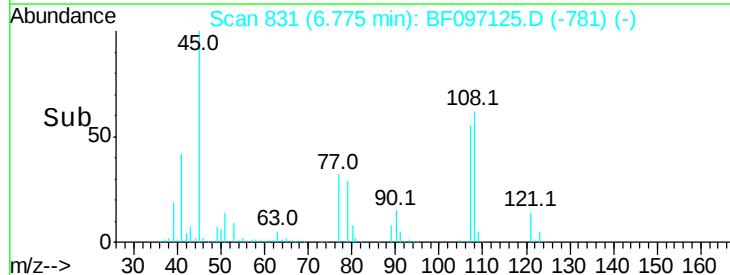
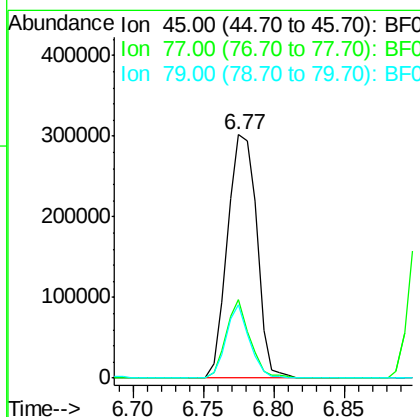
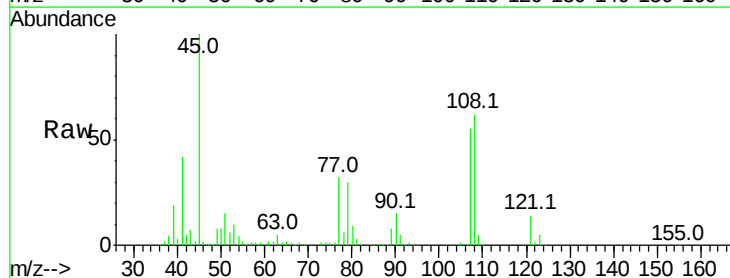
Manual Integrations
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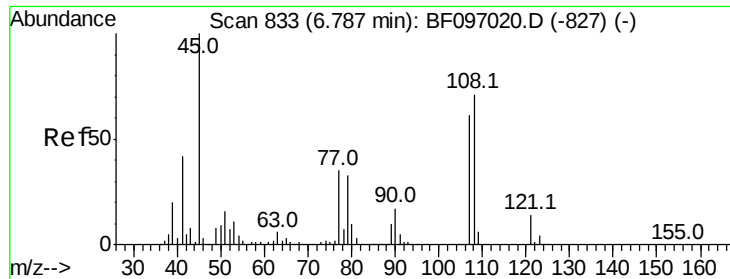
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.496 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.3	0.0	33.2
79	30.0	0.0	30.0#





#17

2-Methylphenol

Concen: 35.455 ng

RT: 6.77 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

Tot Ion:107 Resp: 171781

Ion Ratio Lower Upper

107 100

108 114.3 93.4 140.0

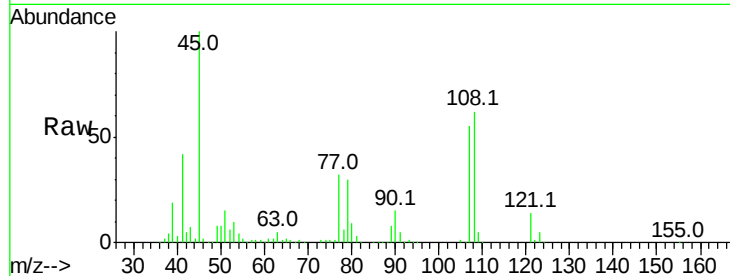
77 59.2 35.8 53.6#

79 55.1 34.8 52.2#

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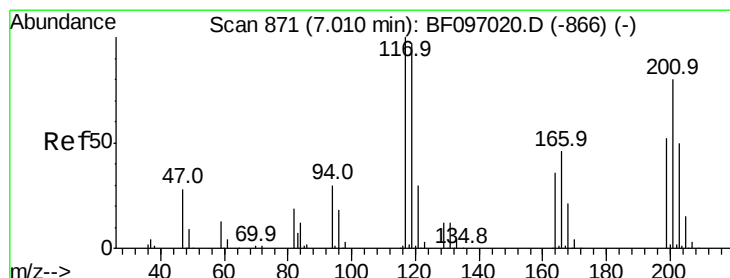
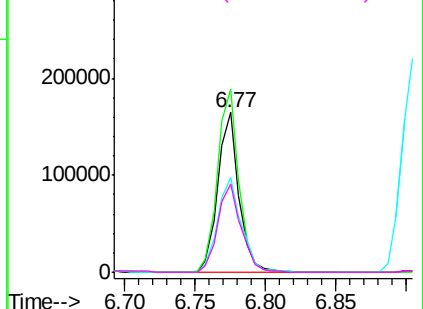
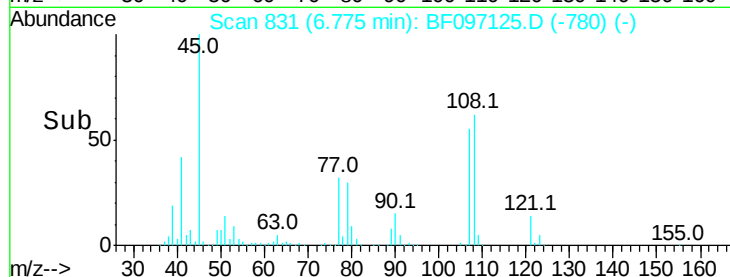


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.137 ng

RT: 7.00 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

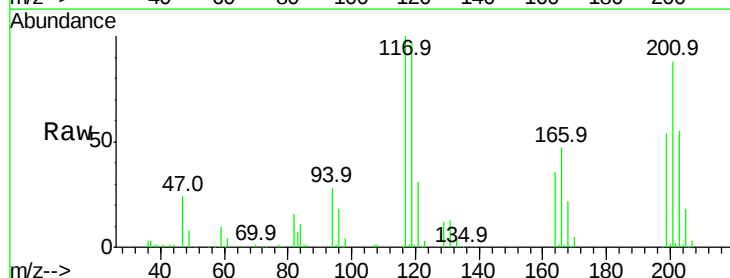
Tgt Ion:117 Resp: 78826

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

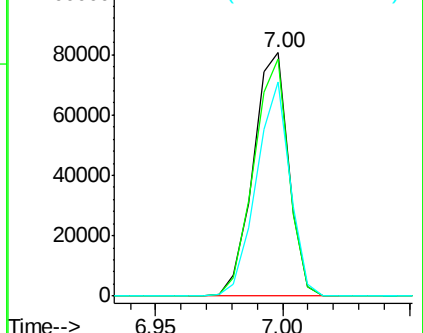
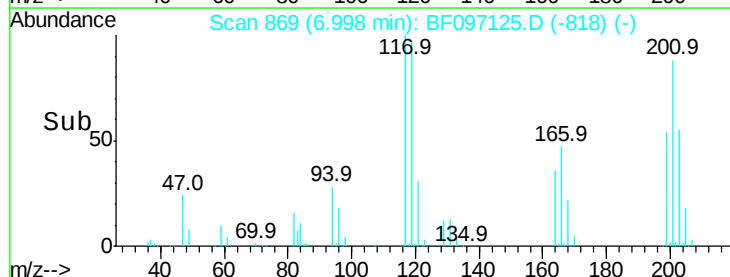
201 88.1 94.6 141.8#

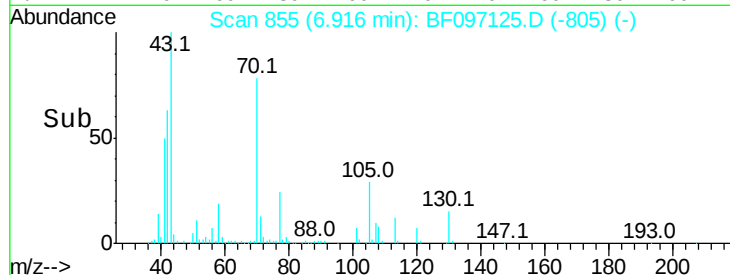
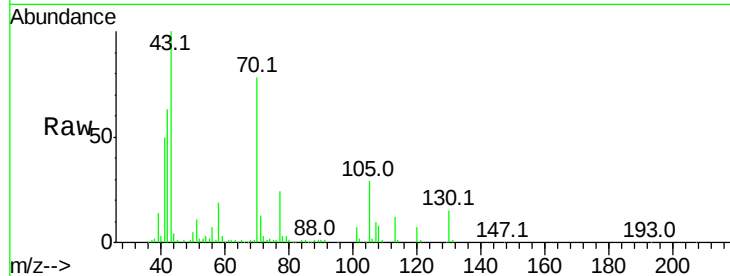
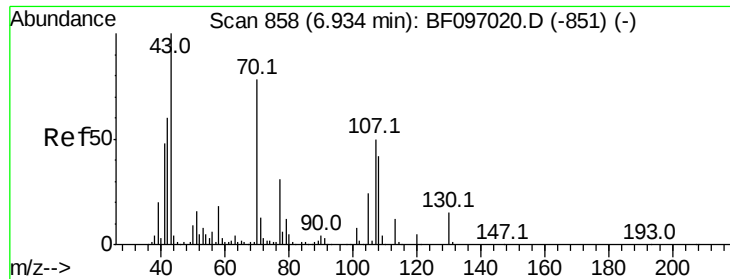


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





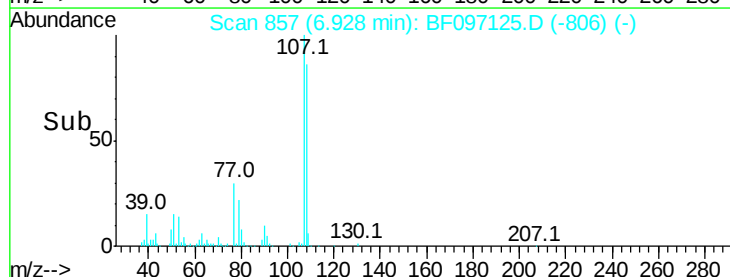
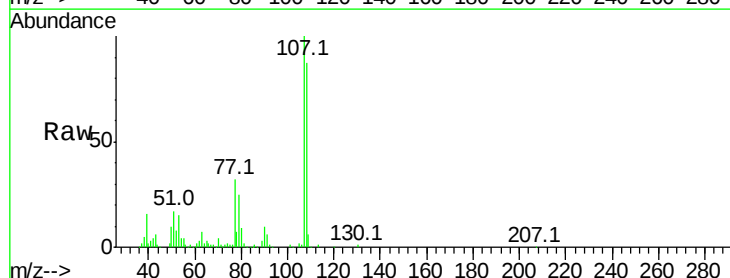
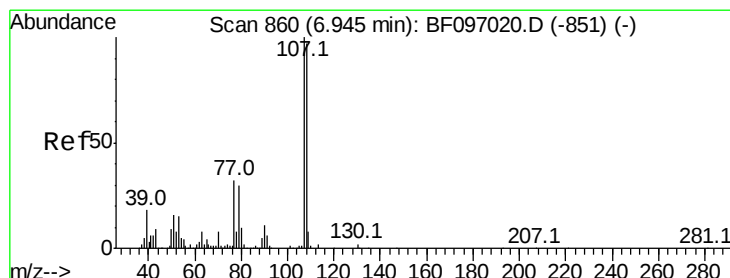
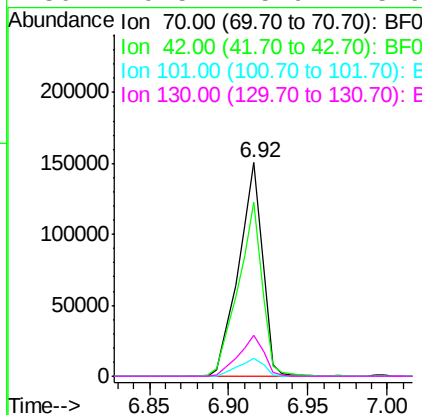
#19
n-Nitroso-di-n-propylamine
Concen: 35.620 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.4	47.2	70.8#
101	8.7	7.2	10.8
130	19.5	15.9	23.9

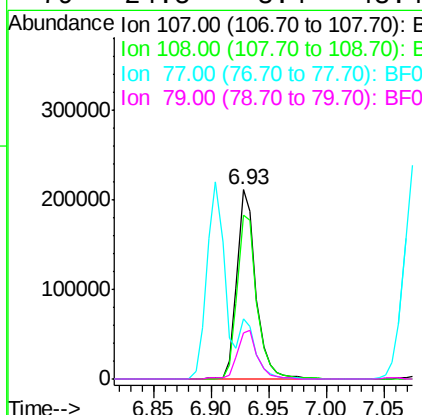
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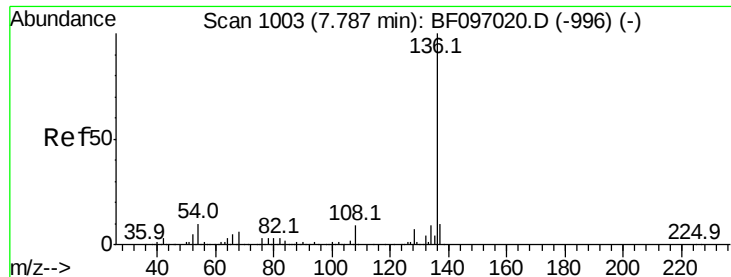
Sohil
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#20
3+4-Methylphenols
Concen: 38.383 ng
RT: 6.93 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	31.5	90.5	130.5#
79	24.5	8.4	48.4





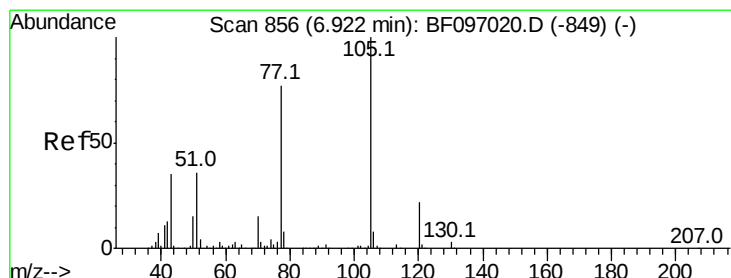
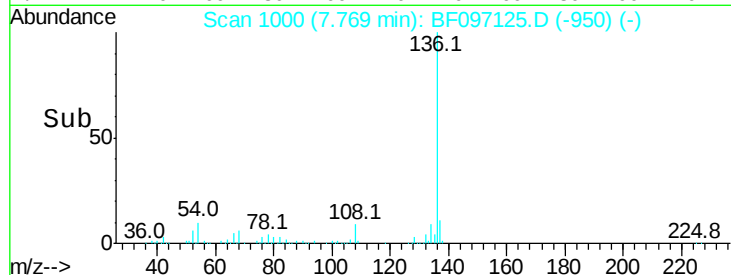
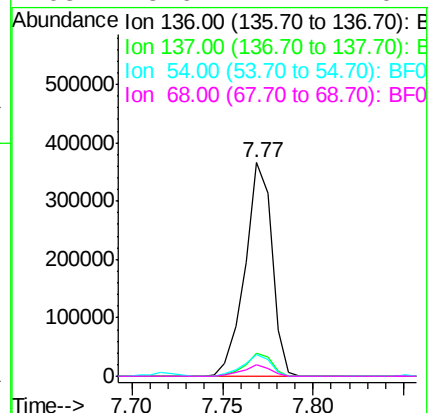
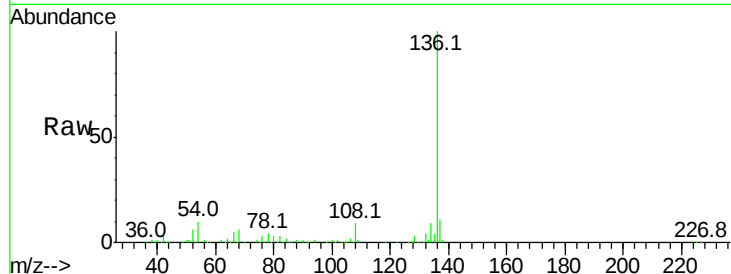
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampled :
PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	10.5	4.9	7.3#	
68	5.6	4.1	6.1	

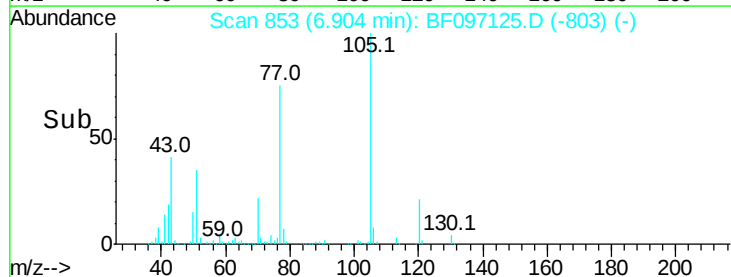
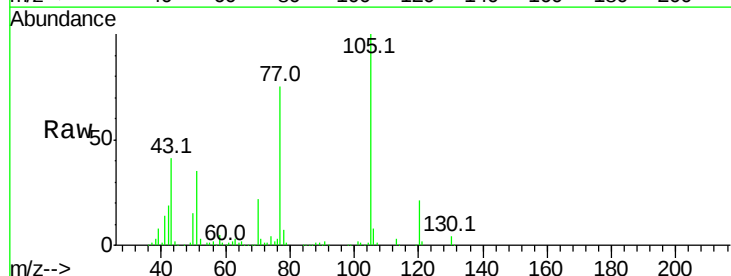
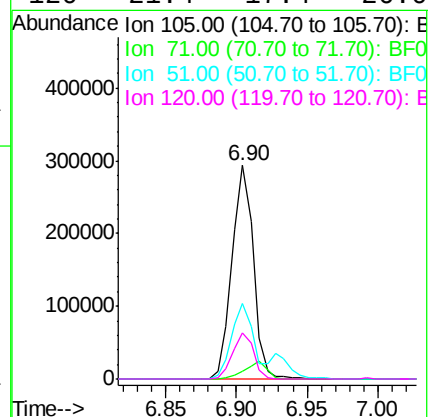
Manual Integrations
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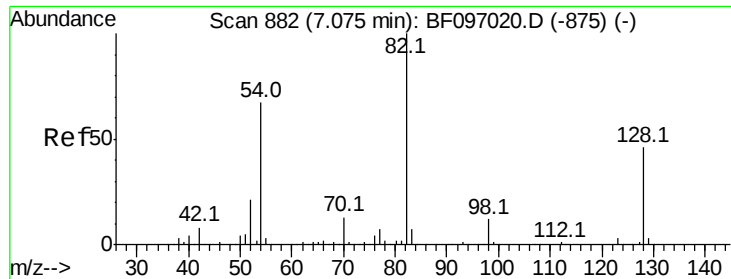
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#22
Acetophenone
Concen: 34.122 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	2.8	4.2	
51	35.3	30.7	46.1	
120	21.4	17.4	26.0	





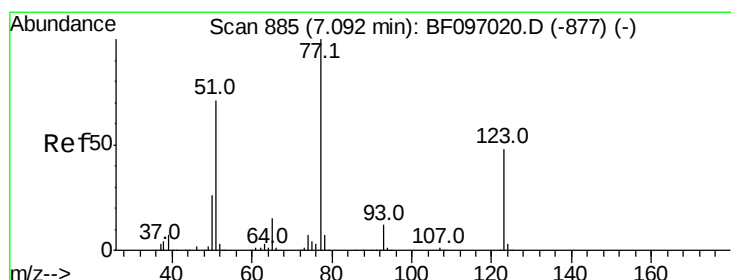
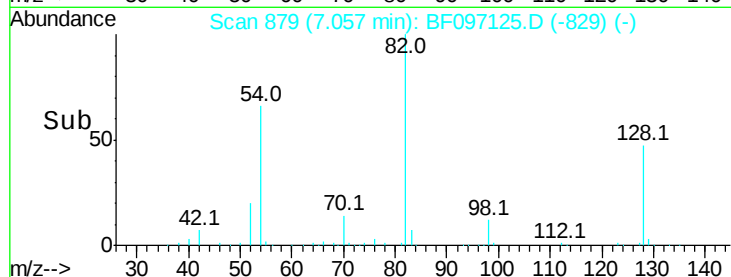
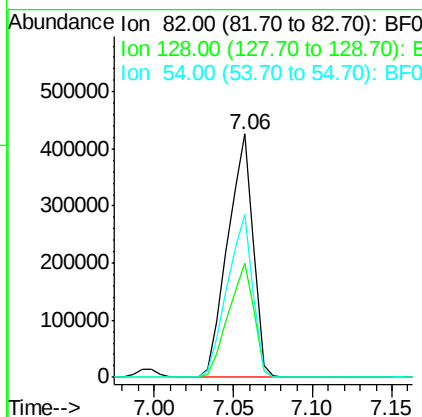
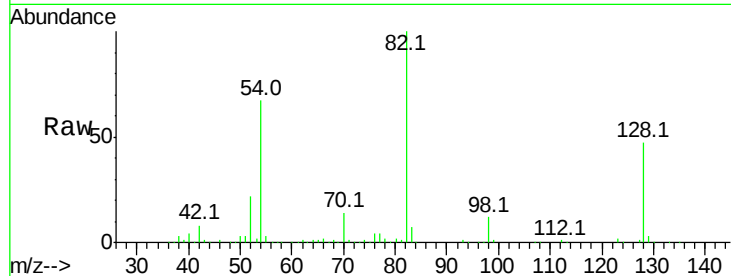
#23
Nitrobenzene-d5
Concen: 73.526 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	67.2	42.2	63.2

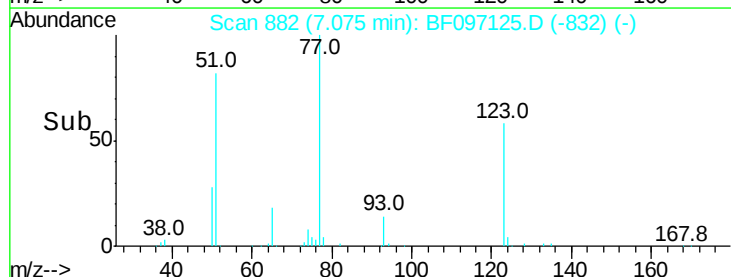
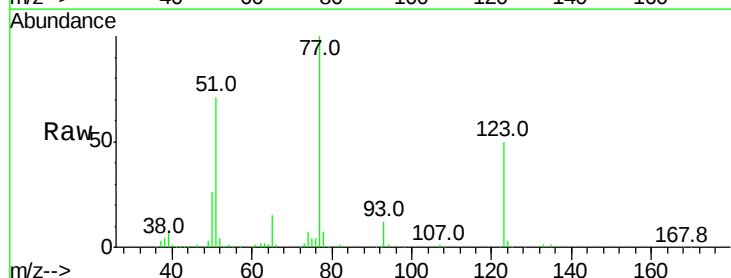
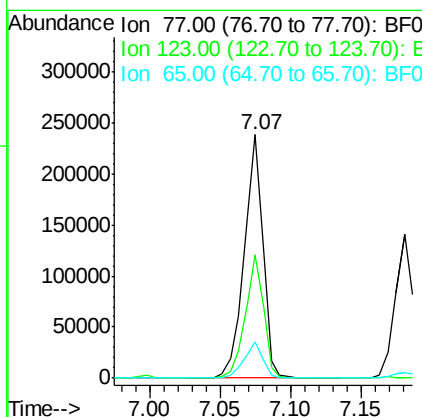
Manual Integrations
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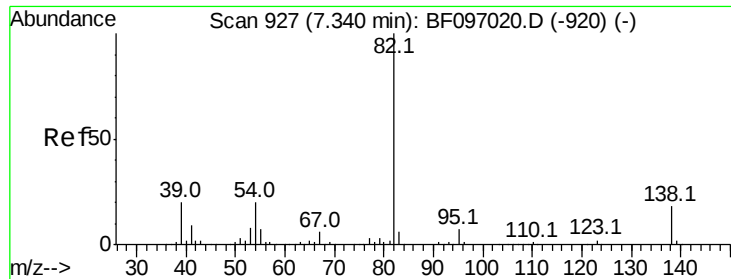
Sohil
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#24
Nitrobenzene
Concen: 32.893 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	35.8	53.8
65	14.7	10.6	15.8





#25

Isophorone

Concen: 33.318 ng

RT: 7.32 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

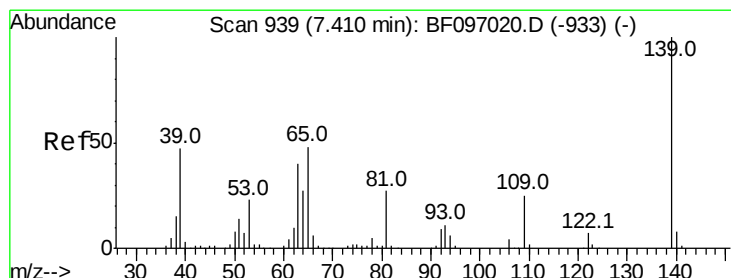
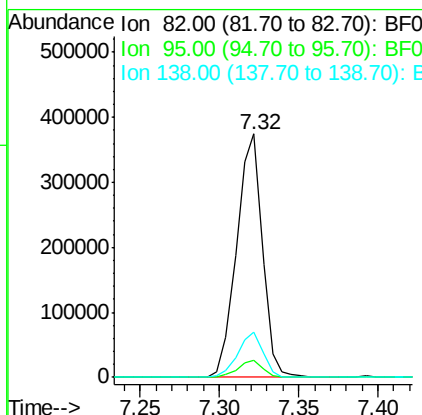
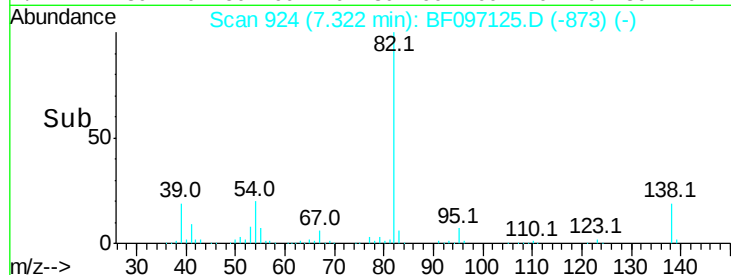
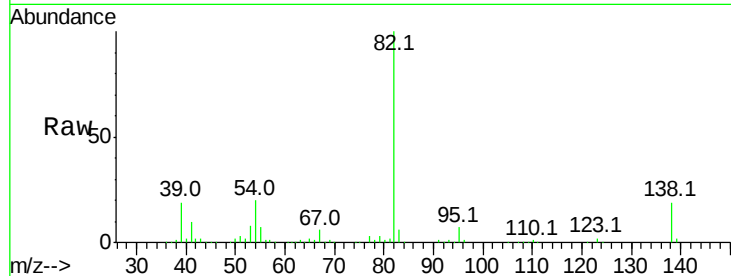
ClientSampleId :

PB101001BS

Tot Ion:	82	Resp:	420886
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.7	13.1	19.7

Manual Integrations
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7/28/2017 4:46:48 PM



#26

2-Nitrophenol

Concen: 27.810 ng

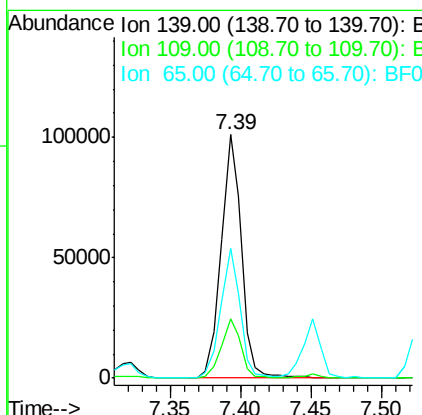
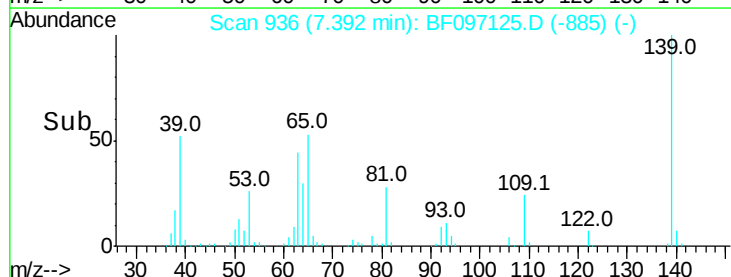
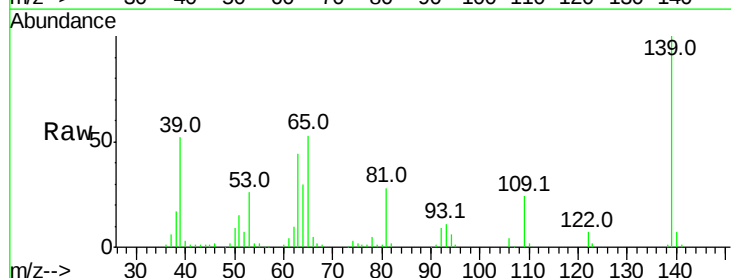
RT: 7.39 min Scan# 936

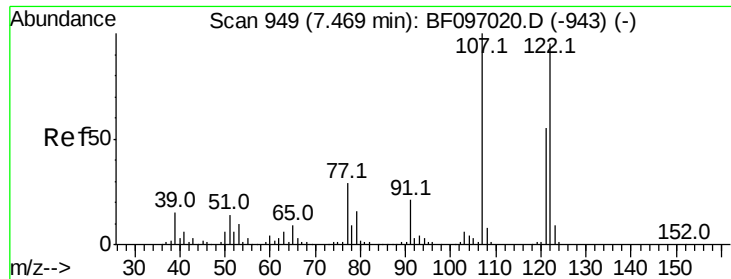
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	139	Resp:	101074
Ion Ratio	Lower	Upper	
139	100		
109	24.4	21.0	31.6
65	53.1	33.0	49.6#





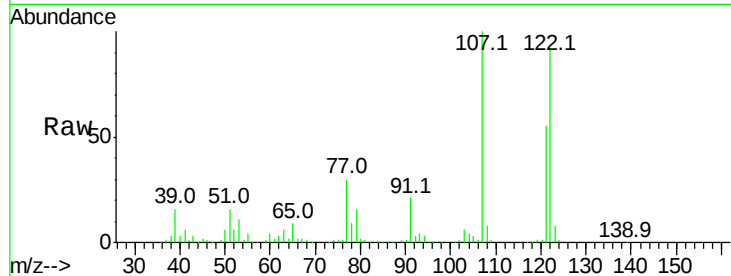
#27
2,4-Dimethylphenol
Concen: 35.849 ng
RT: 7.45 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

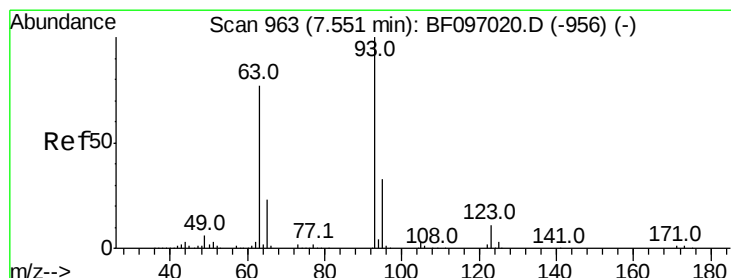
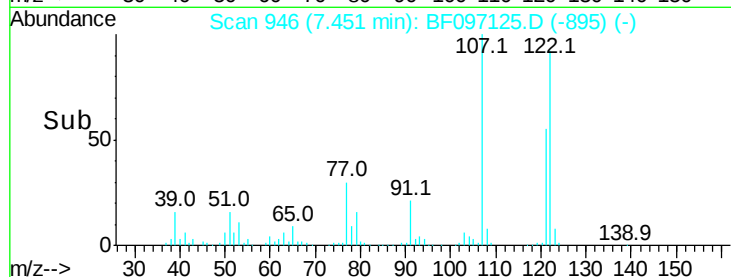
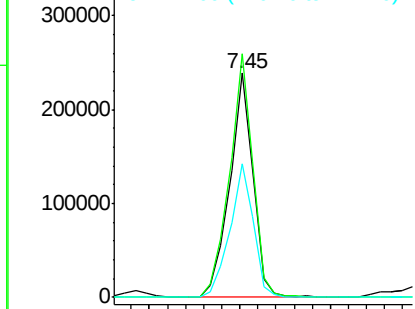
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	89.2	133.8
121	59.4	45.2	67.8

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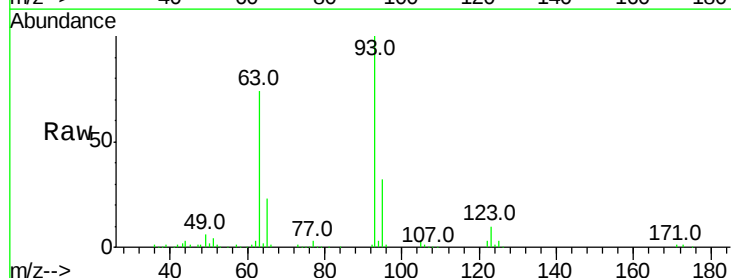


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

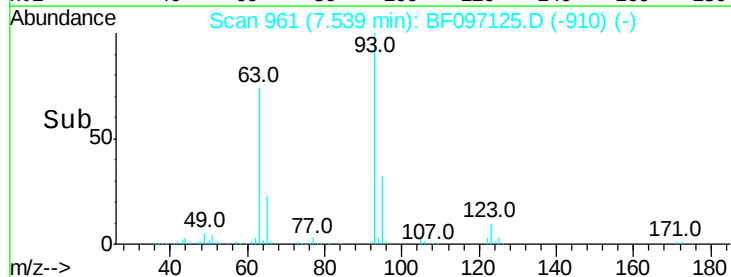
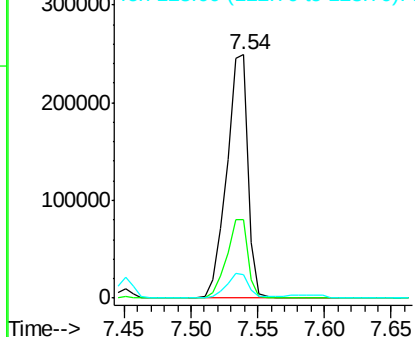


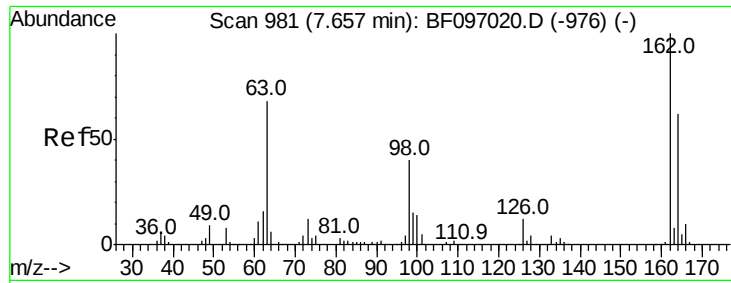
#28
bis(2-Chloroethoxy)methane
Concen: 34.000 ng
RT: 7.54 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	9.9	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





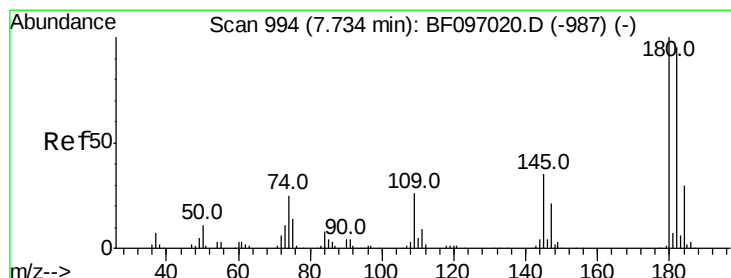
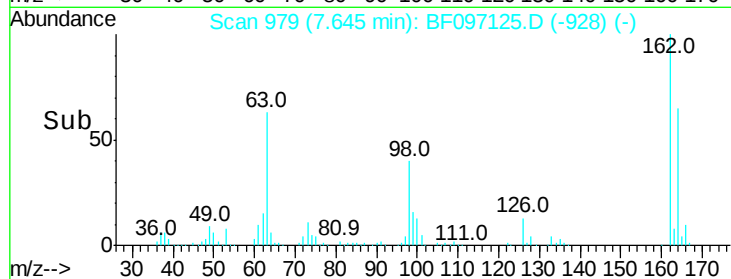
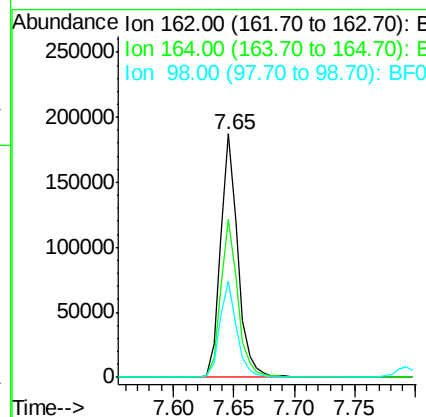
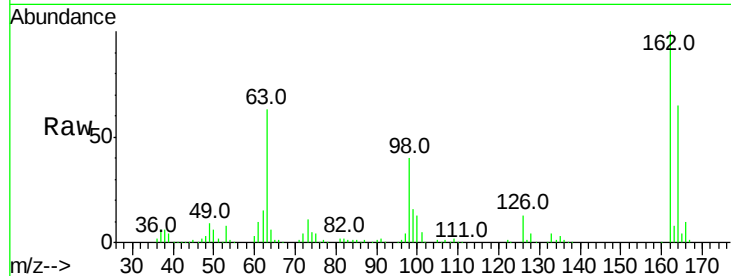
#29
 2,4-Dichlorophenol
 Concen: 35.305 ng
 RT: 7.65 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	182351		
164	64.7		44.6	84.6
98	39.8		14.8	54.8

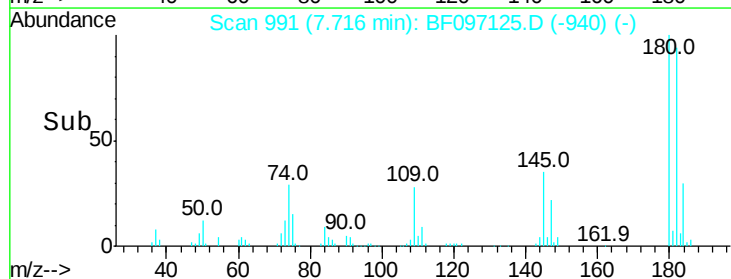
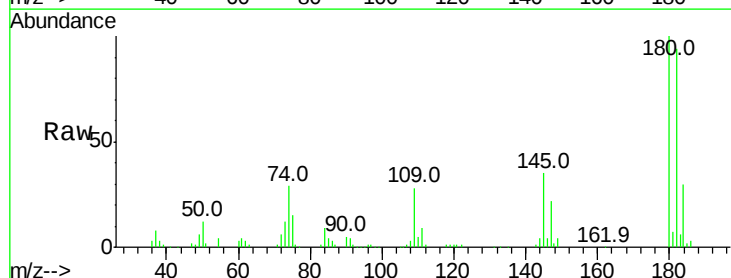
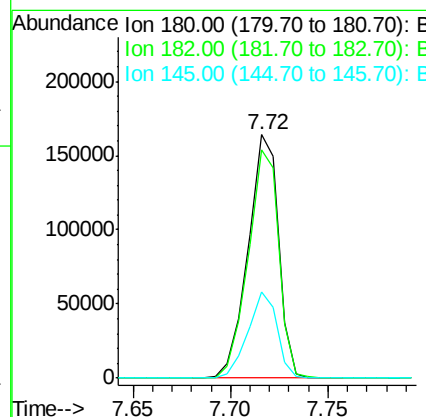
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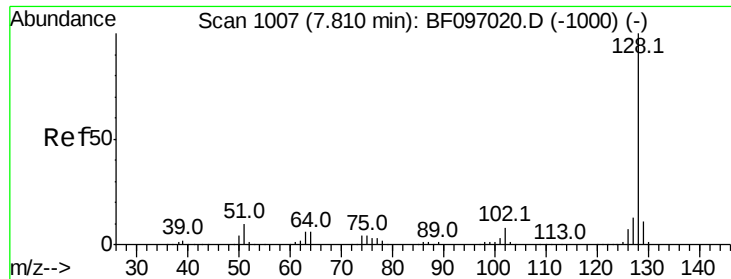
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.083 ng
 RT: 7.72 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	177638		
182	93.9		75.8	113.6
145	35.2		25.3	37.9





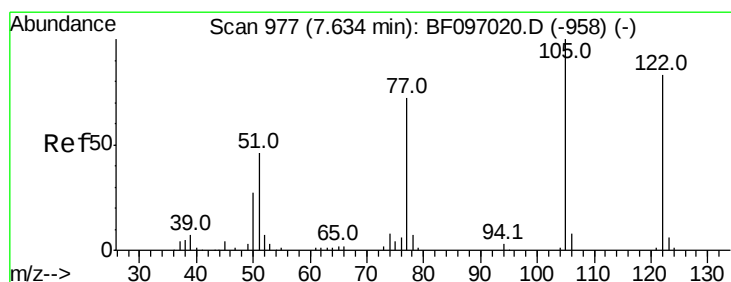
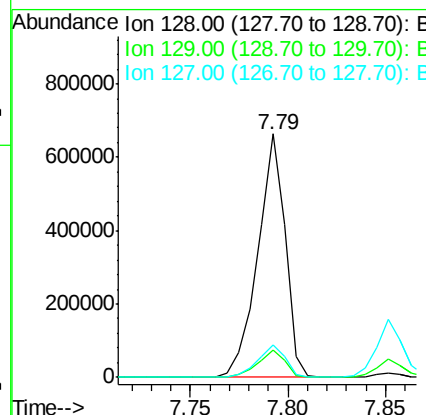
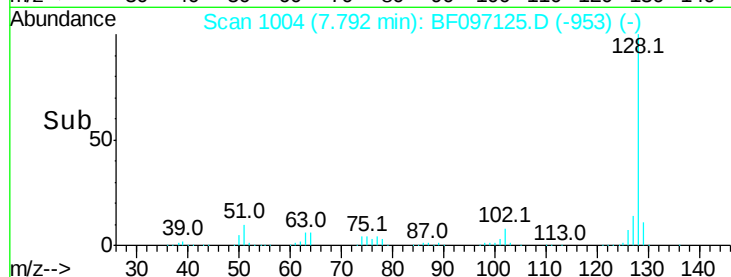
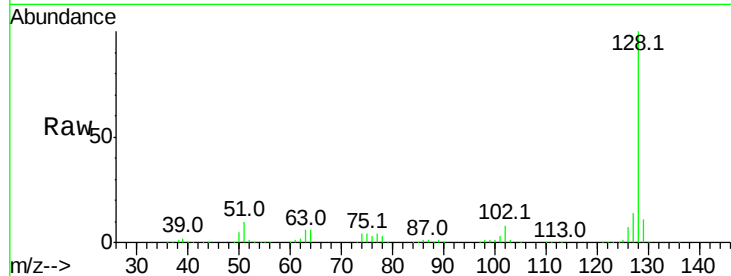
#31
Naphthalene
Concen: 36.143 ng
RT: 7.79 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.5	10.8	16.2	

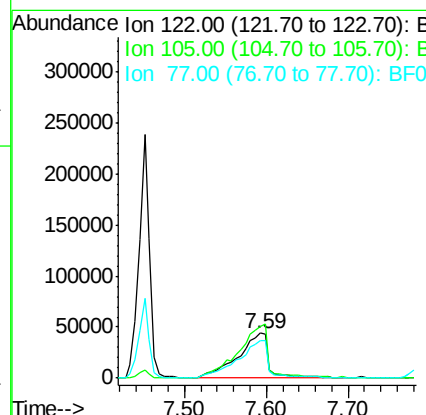
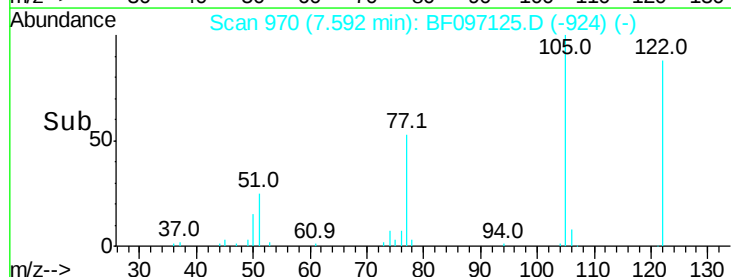
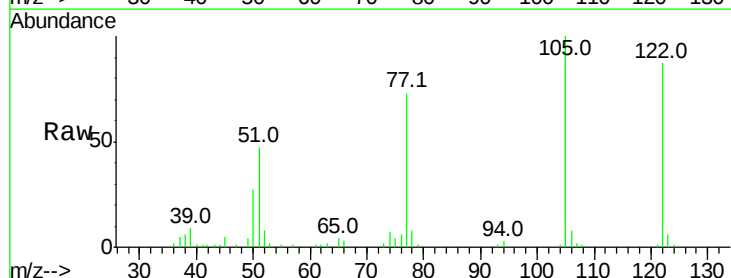
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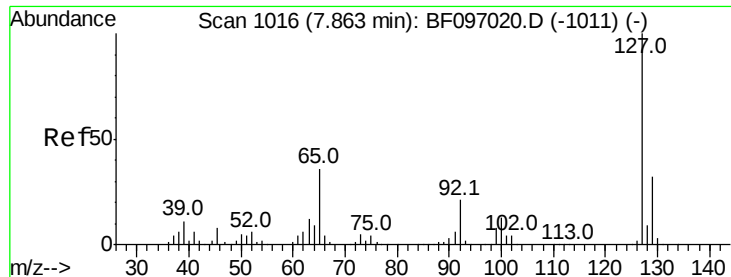
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#32
Benzoic acid
Concen: 25.232 ng
RT: 7.59 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.2	103.3	143.3	
77	84.0	73.7	113.7	





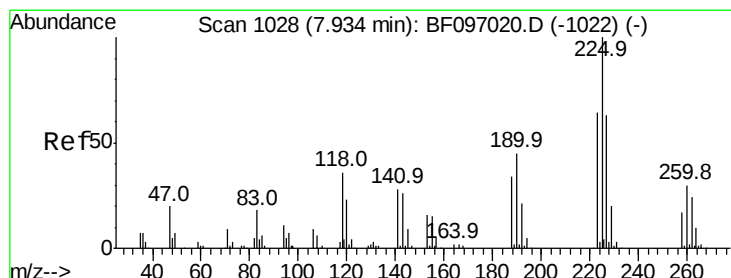
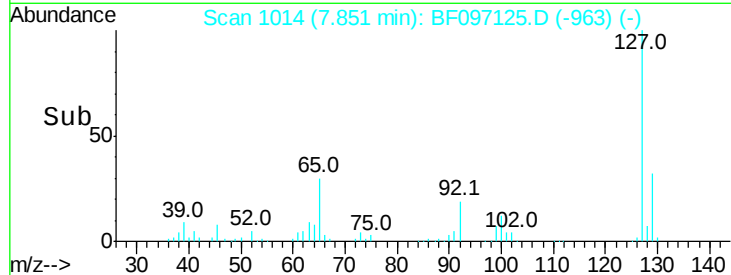
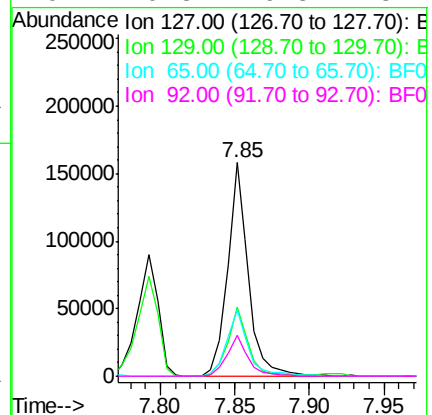
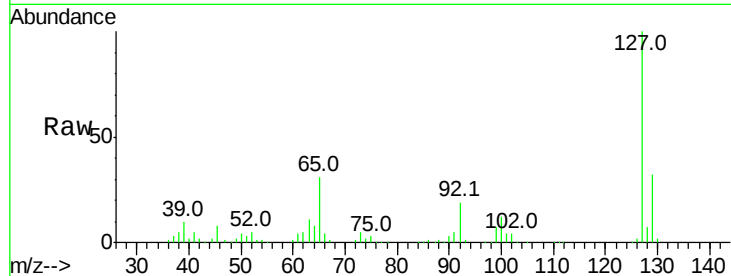
#33
4-Chloroaniline
Concen: 21.352 ng
RT: 7.85 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.2	
65	30.9	27.8	41.8	
92	19.3	16.8	25.2	

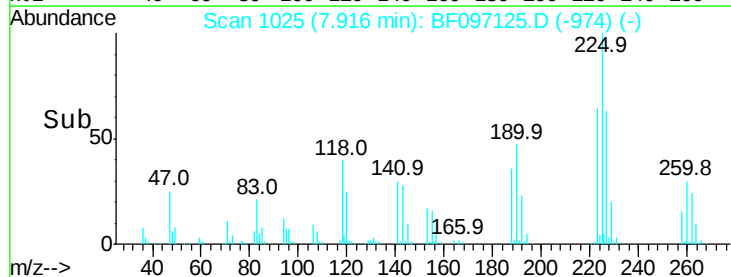
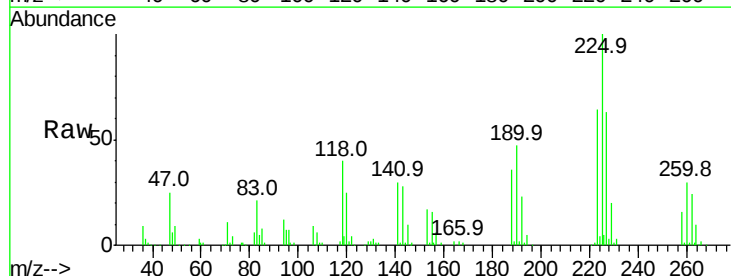
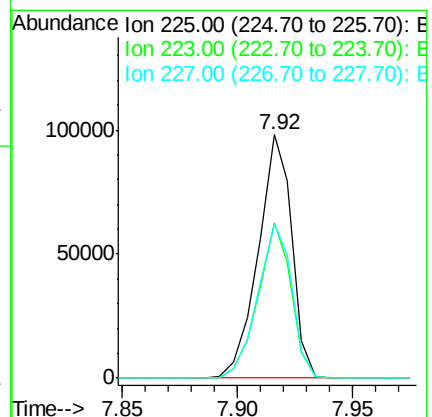
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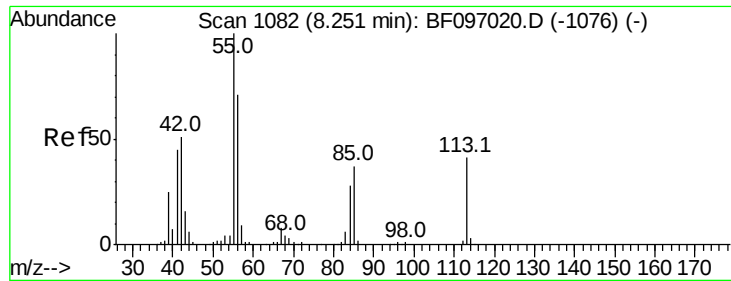
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#34
Hexachlorobutadiene
Concen: 37.974 ng
RT: 7.92 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	48.8	73.2	
227	63.4	51.1	76.7	





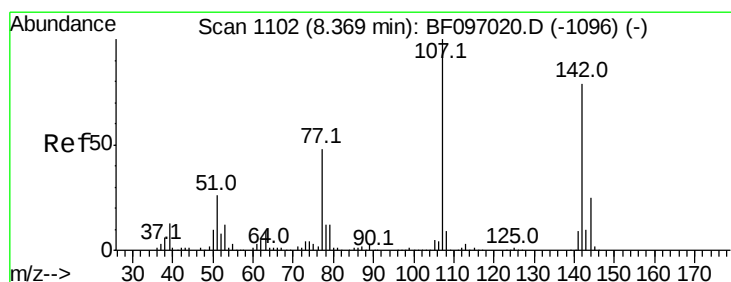
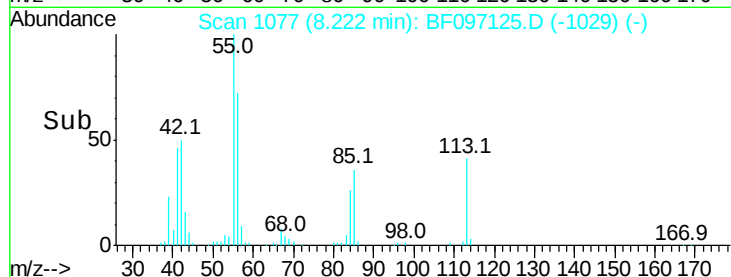
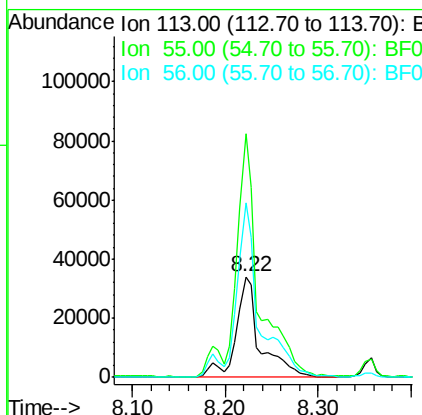
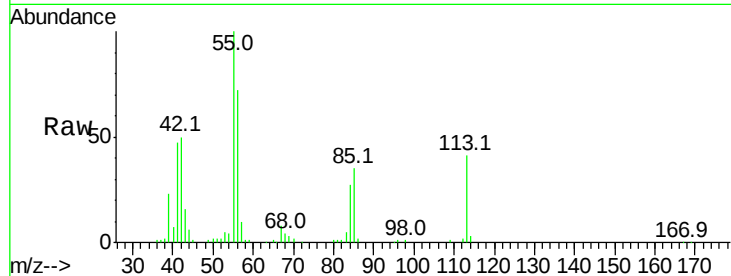
#35
Caprolactam
Concen: 37.121 ng/ml
RT: 8.22 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampled :
PB101001BS

Tot Ion:113 Resp: 61479
Ion Ratio Lower Upper
113 100
55 242.8 150.2 190.2#
56 174.6 107.8 147.8#

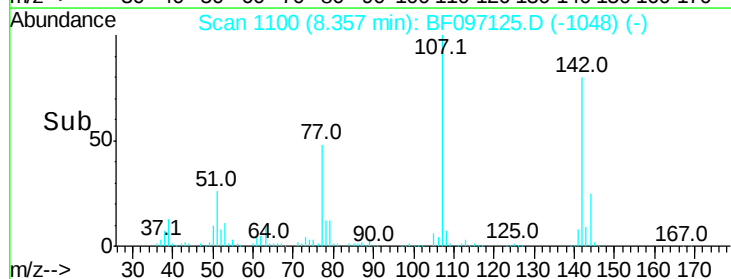
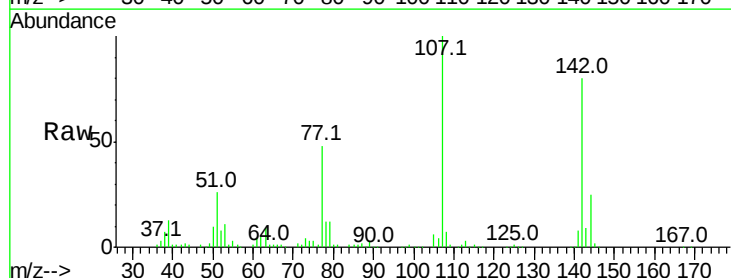
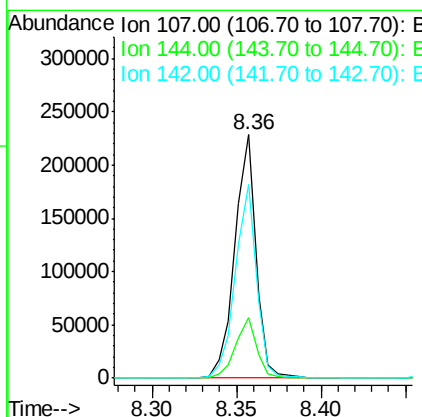
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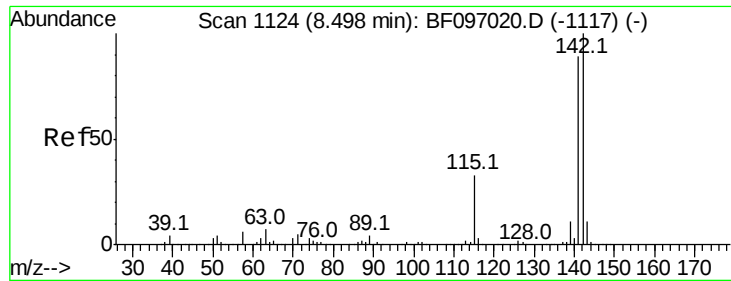
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#36
4-Chloro-3-methylphenol
Concen: 35.375 ng/ml
RT: 8.36 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:107 Resp: 199334
Ion Ratio Lower Upper
107 100
144 24.7 24.2 36.4
142 79.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 40.198 ng

RT: 8.49 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

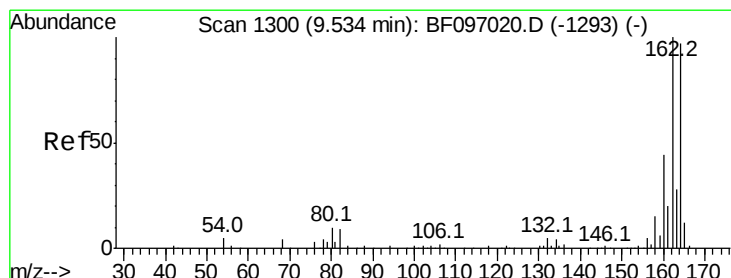
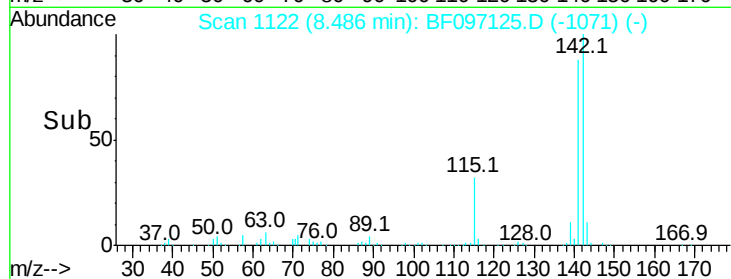
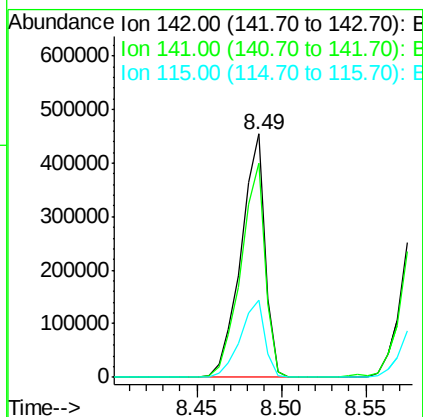
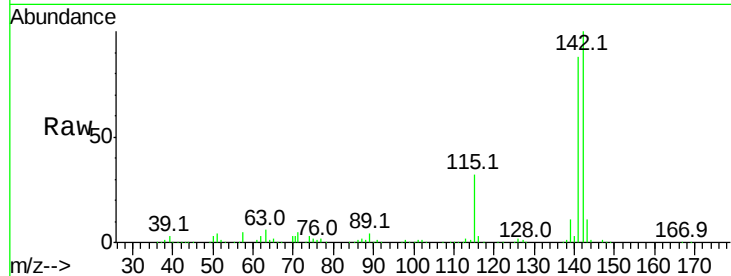
ClientSampleId :

PB101001BS

Tot Ion:	142	Resp:	453992
Ion Ratio	Lower	Upper	
142	100		
141	87.9	71.3	106.9
115	31.7	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

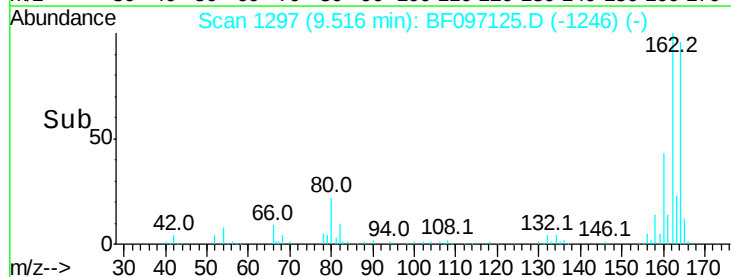
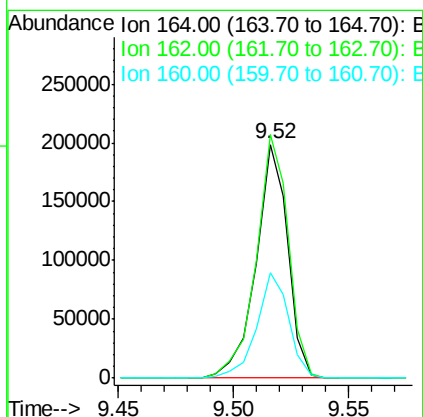
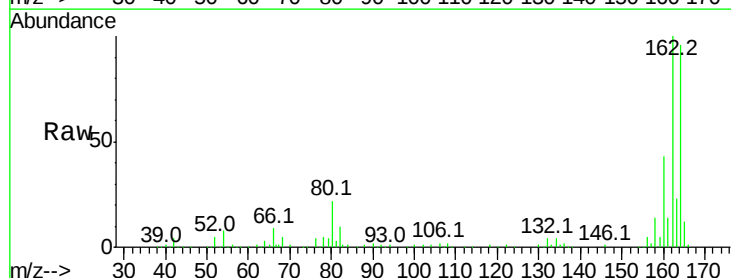
RT: 9.52 min Scan# 1297

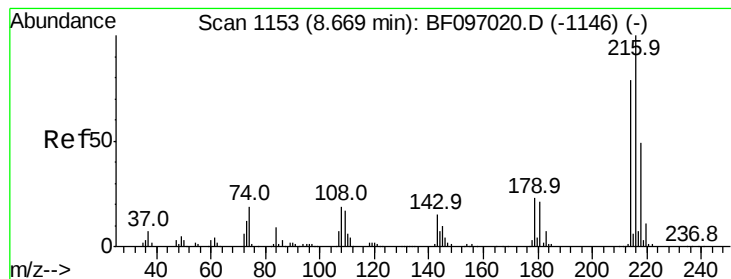
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	164	Resp:	190009
Ion Ratio	Lower	Upper	
164	100		
162	104.2	82.6	123.8
160	45.0	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.132 ng

RT: 8.66 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

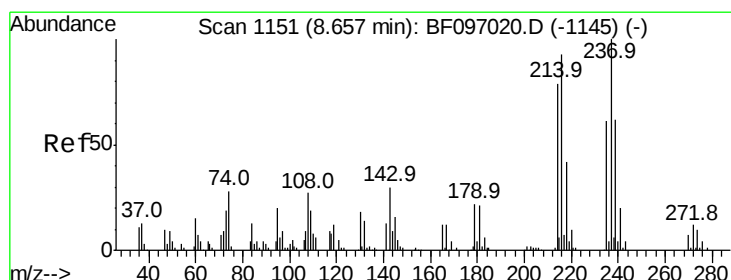
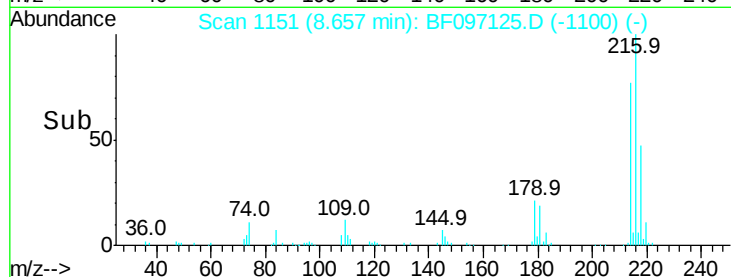
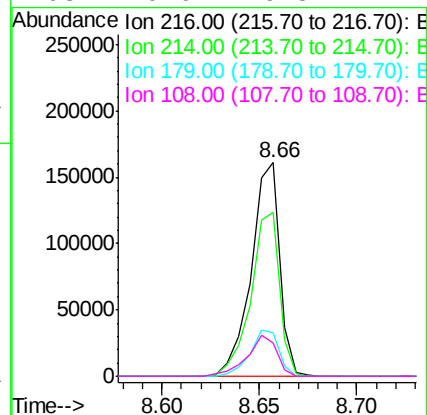
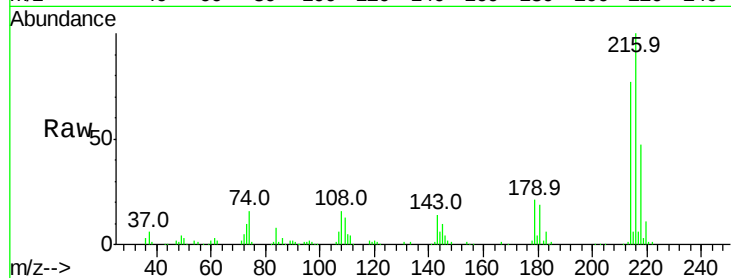
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.5	63.4	95.2
179	22.1	17.9	26.9
108	19.9	16.5	24.7

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#40

Hexachlorocyclopentadiene

Concen: 27.863 ng

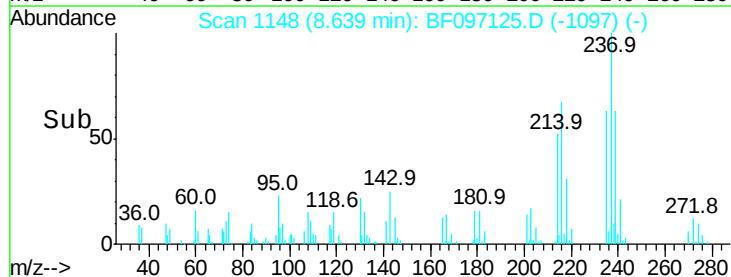
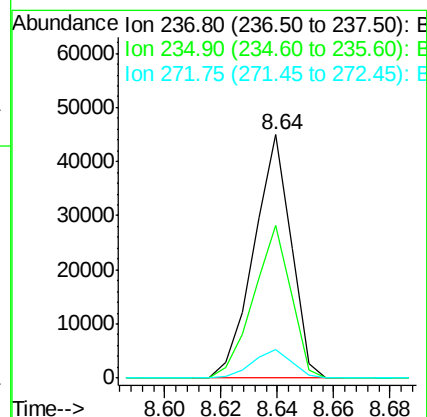
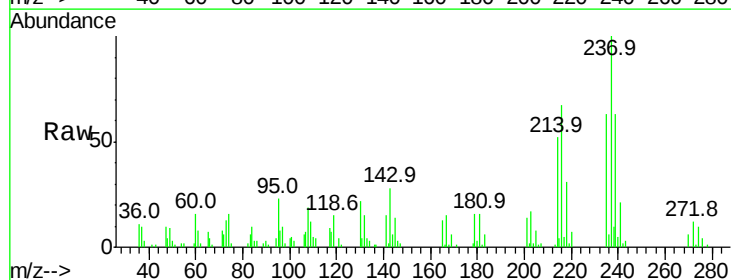
RT: 8.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.6	82.6
272	11.6	0.0	31.9





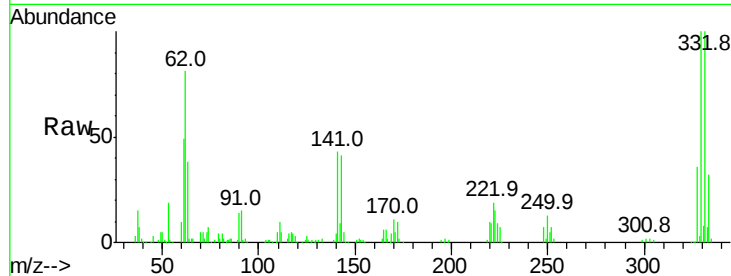
#41
 2,4,6-Tribromophenol
 Concen: 91.115 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

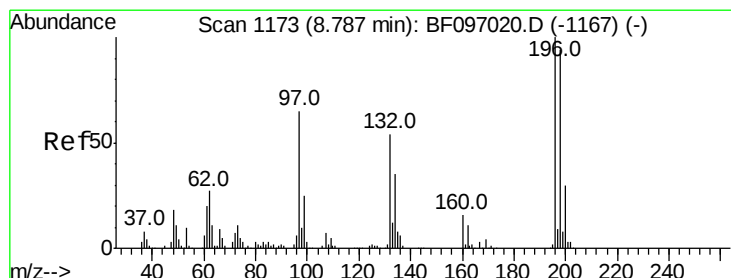
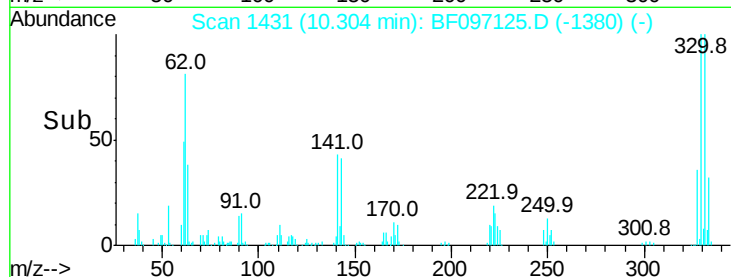
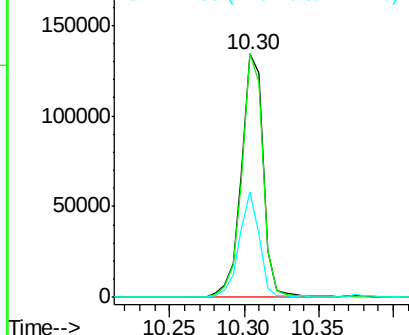
Tot Ion	Ratio	Resp	Lower	Upper
330	100	136787		
332	97.6	76.6	115.0	
141	40.2	31.4	47.2	

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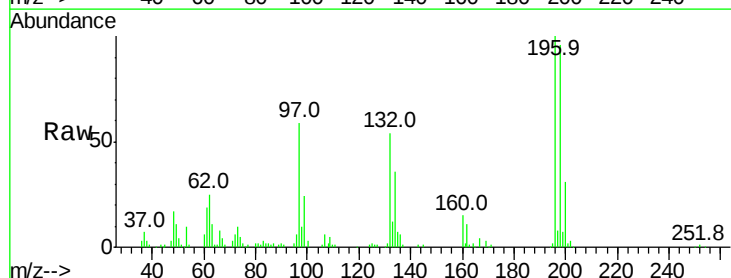


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

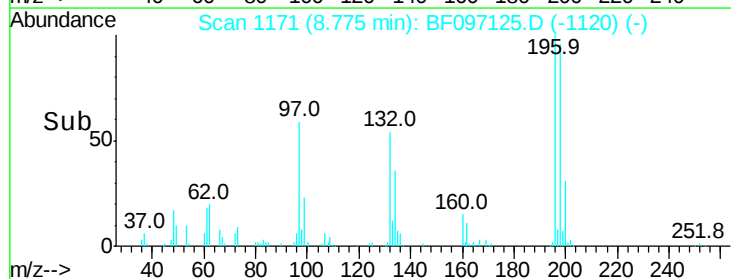
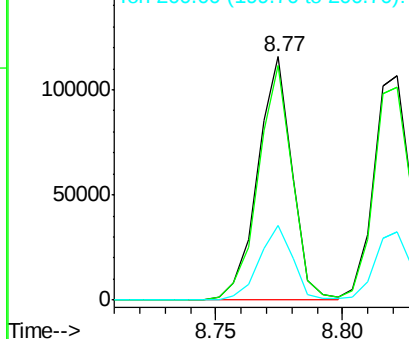


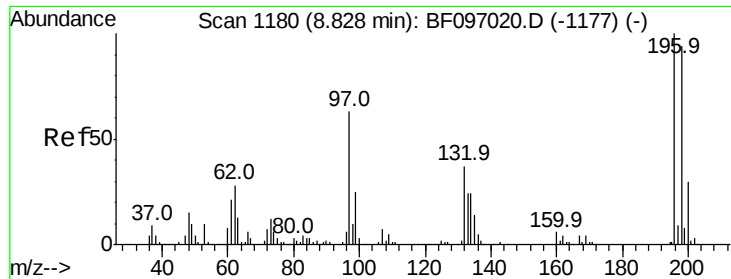
#42
 2,4,6-Trichlorophenol
 Concen: 29.800 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109487		
198	96.5	74.2	111.4	
200	30.9	24.0	36.0	



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





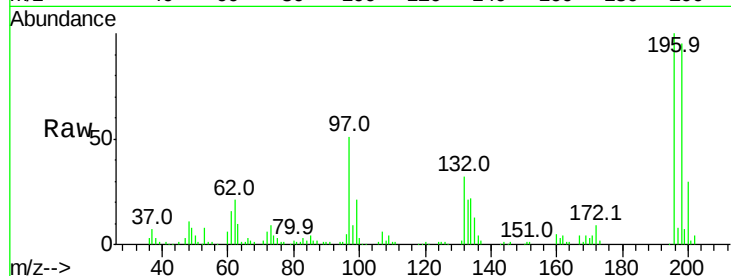
#43
 2,4,5-Trichlorophenol
 Concen: 31.143 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

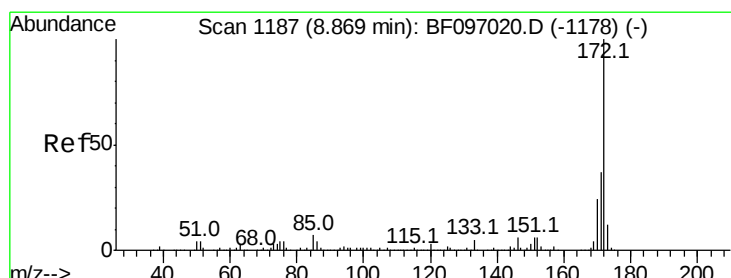
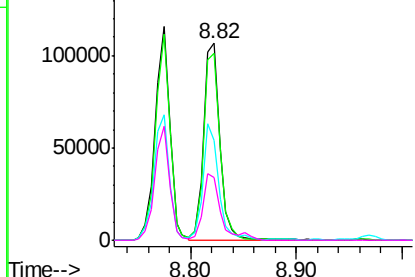
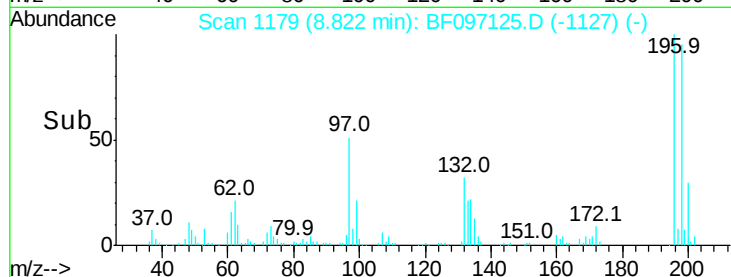
Tot Ion	Ratio	Resp	Lower	Upper
196	100	114526		
198	95.3	75.7	113.5	
97	50.9	47.7	71.5	
132	31.8	28.0	42.0	

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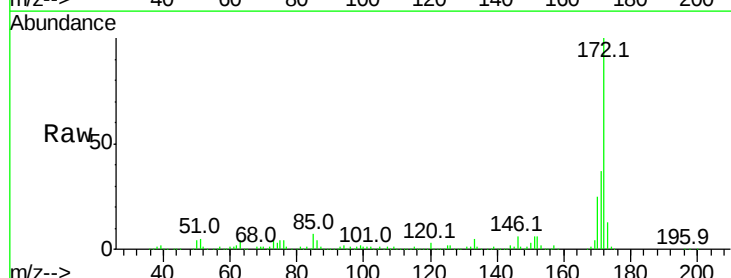


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

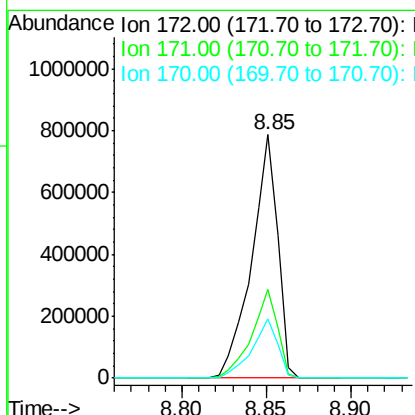
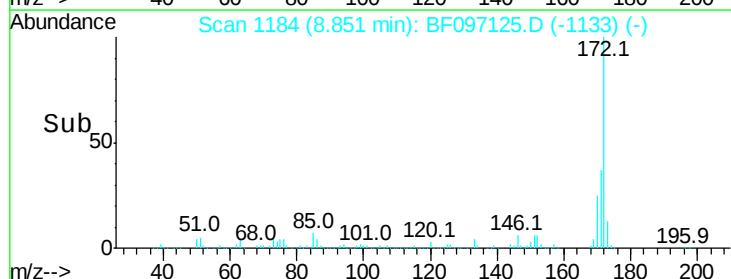


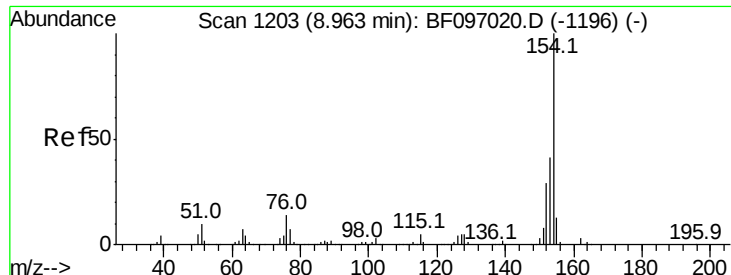
#44
 2-Fluorobiphenyl
 Concen: 75.645 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	846936		
171	36.6	29.6	44.4	
170	24.5	19.8	29.8	



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





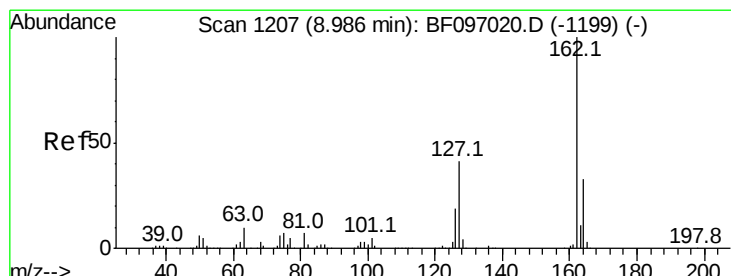
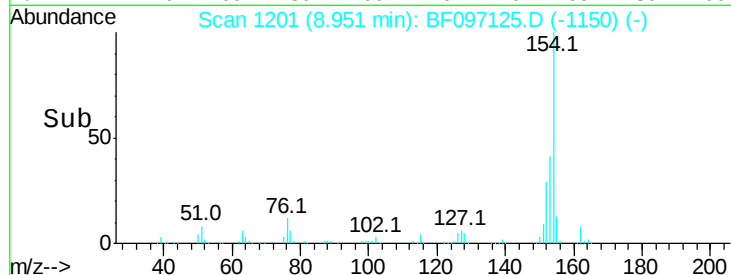
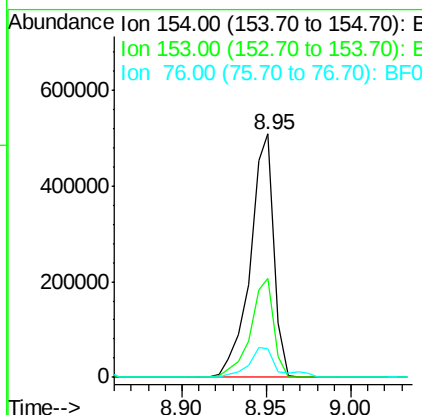
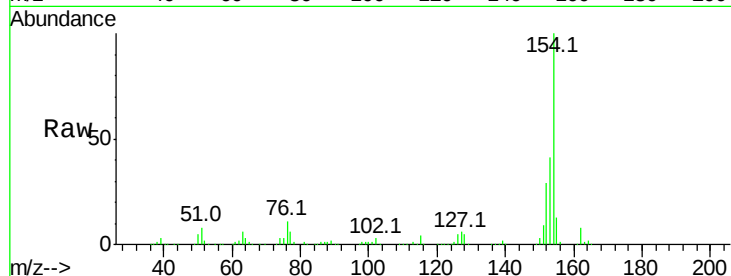
#45
 1,1'-Biphenyl
 Concen: 30.603 ng
 RT: 8.95 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.2	61.2	
76	11.5	0.0	29.9	

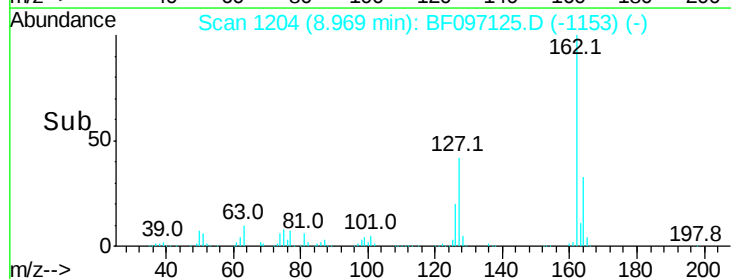
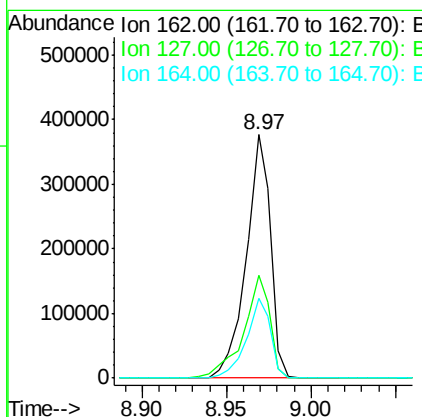
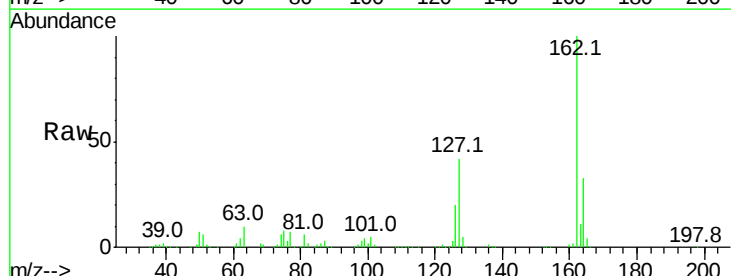
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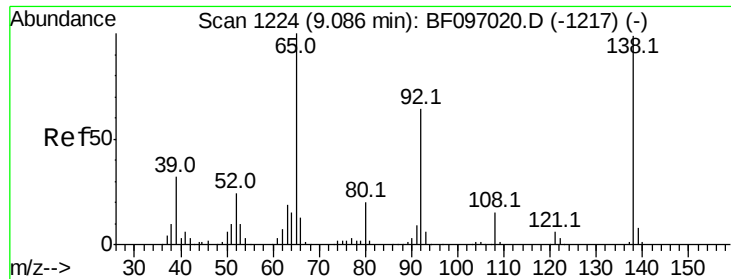
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#46
 2-Chloronaphthalene
 Concen: 31.831 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.4	28.3	42.5	
164	32.5	27.0	40.4	





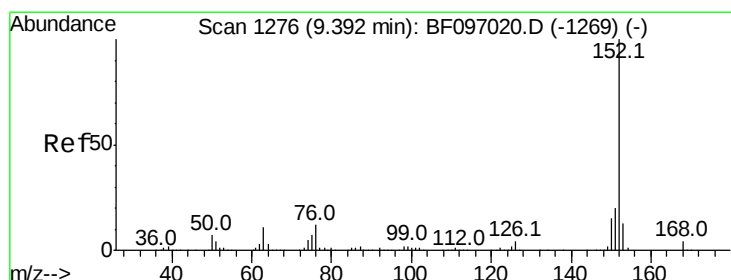
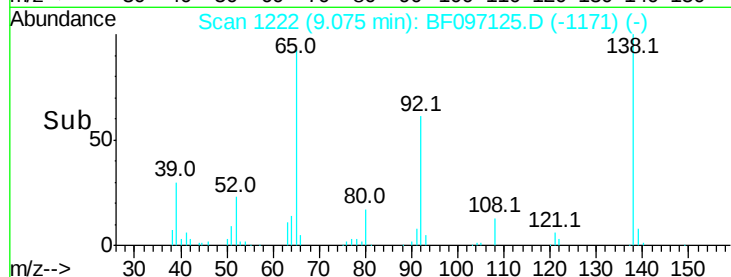
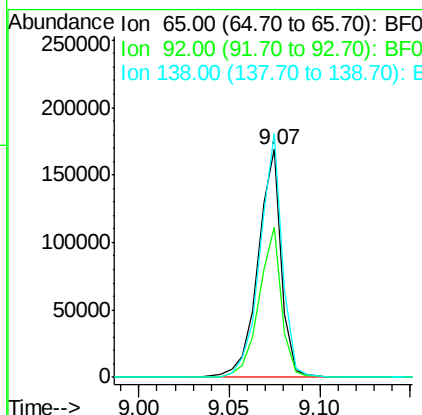
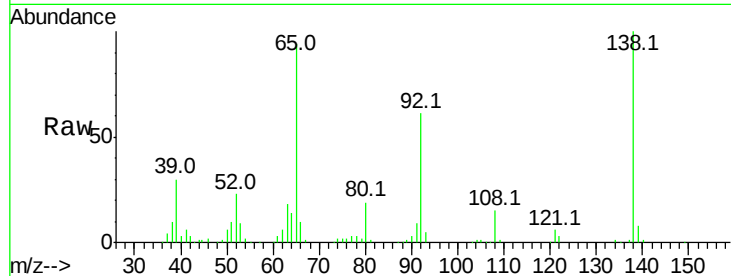
#47
2-Nitroaniline
Concen: 34.719 ng
RT: 9.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	106.9	78.8	118.2

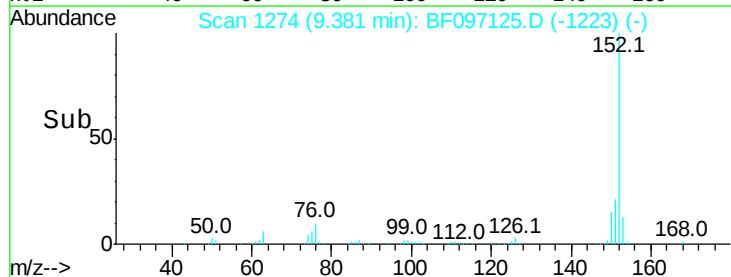
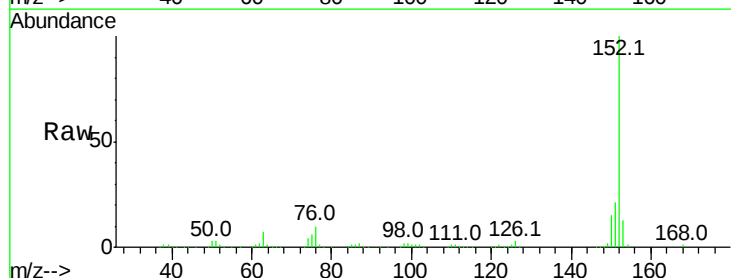
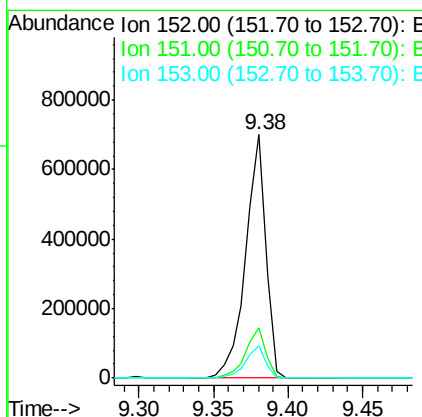
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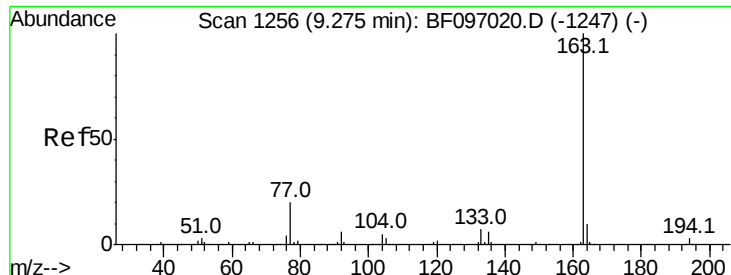
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#48
Acenaphthylene
Concen: 35.815 ng
RT: 9.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	10.8	16.2





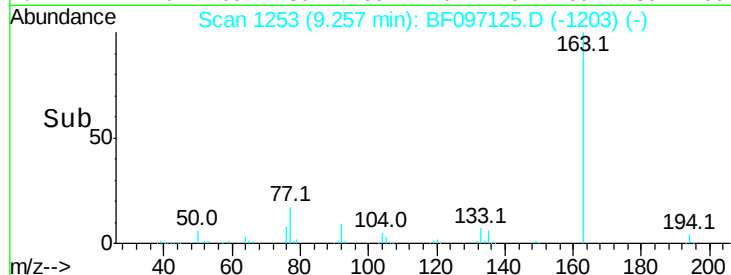
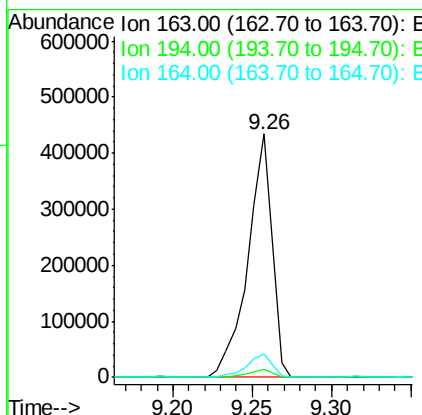
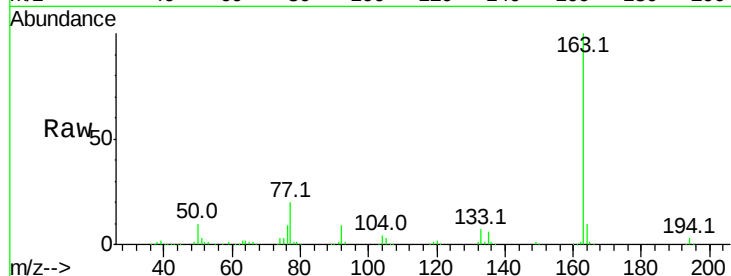
#49
Dimethylphthalate
Concen: 31.837 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.8	8.4	12.6	

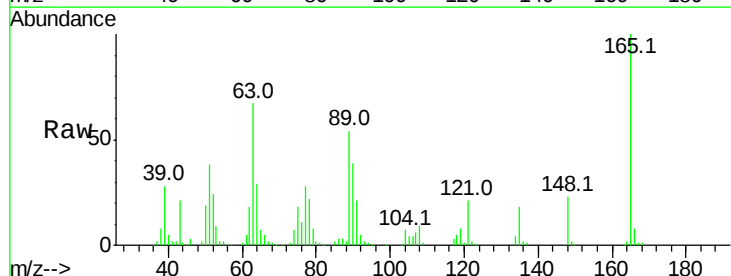
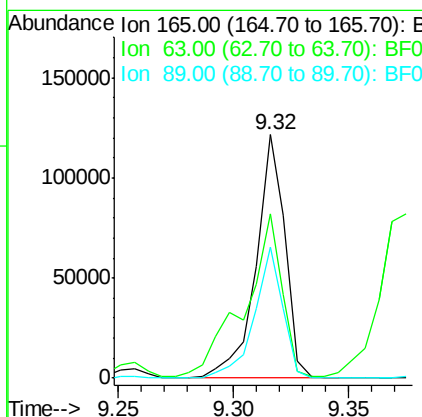
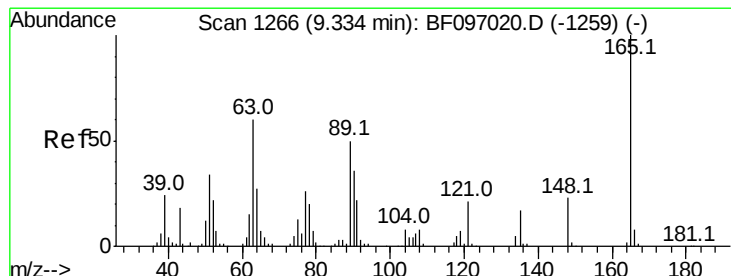
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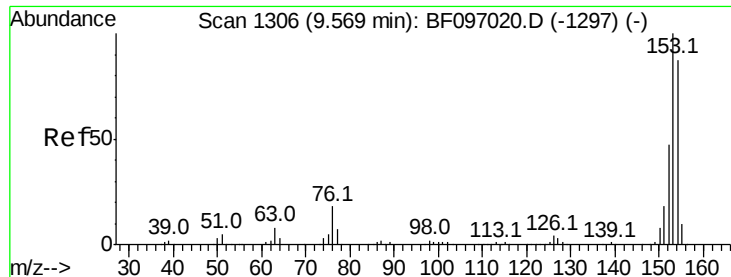
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#50
2,6-Dinitrotoluene
Concen: 34.813 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.4	34.3	51.5#	
89	53.6	37.1	55.7	





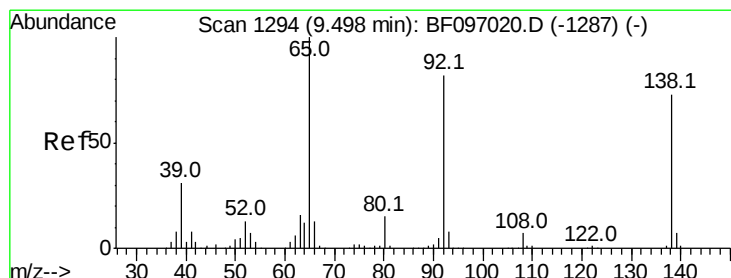
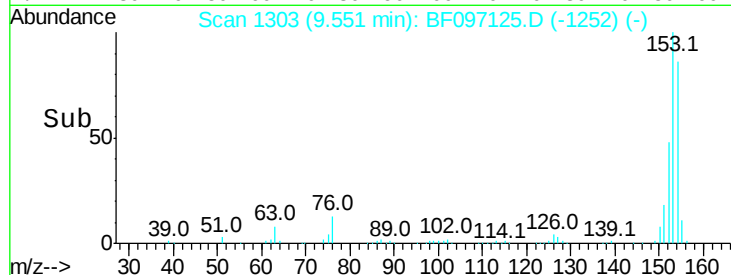
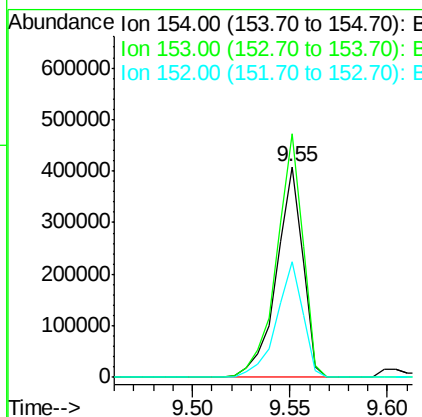
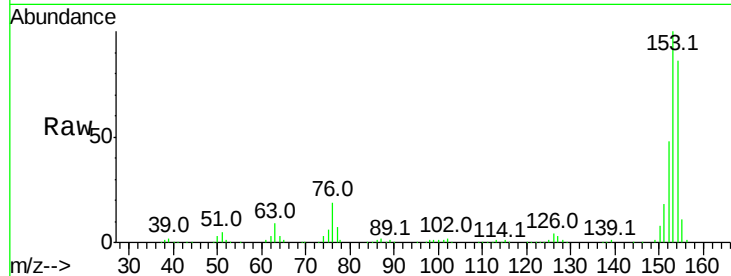
#51
Acenaphthene
Concen: 35.418 ng
RT: 9.55 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.5	135.7
152	55.0	43.6	65.4

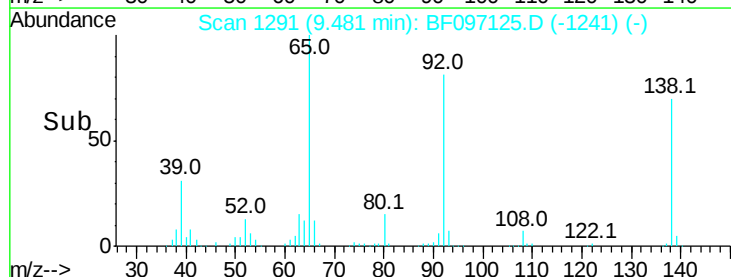
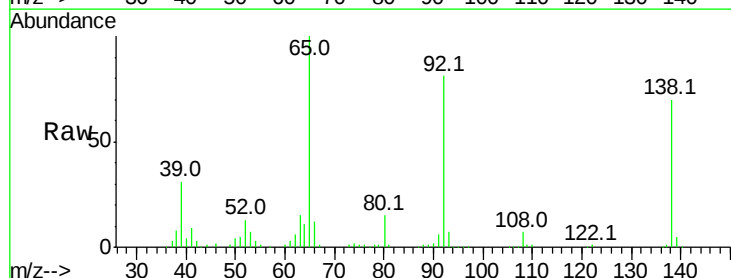
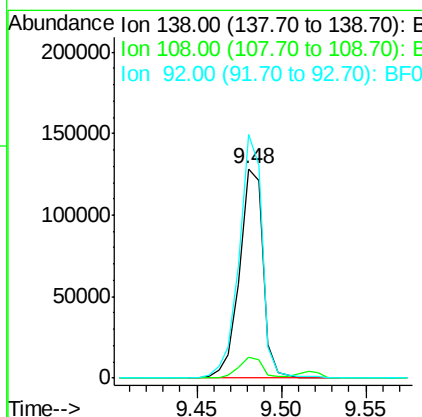
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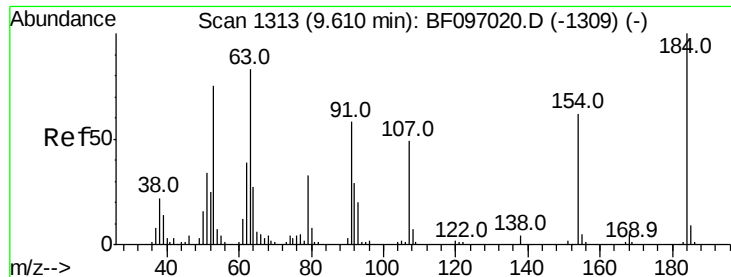
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#52
3-Nitroaniline
Concen: 33.056 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	116.5	93.8	140.6





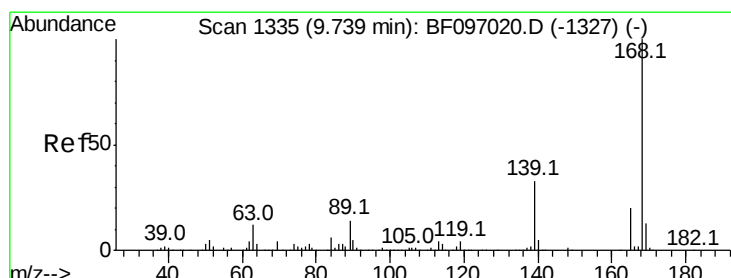
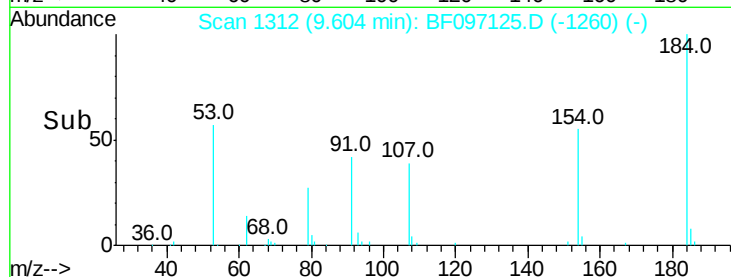
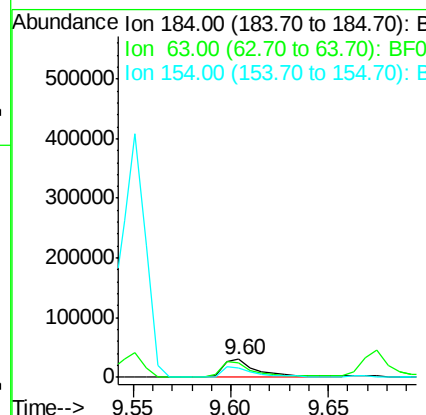
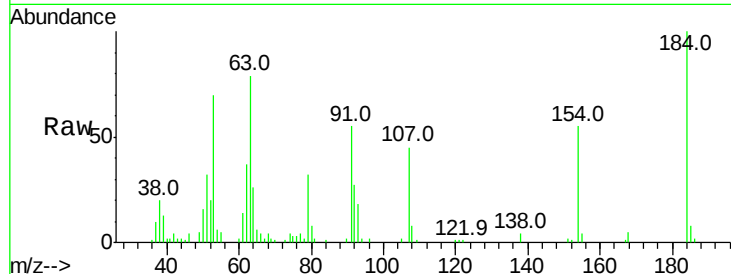
#53
 2,4-Dinitrophenol
 Concen: 27.287 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampled :
 PB101001BS

Tot Ion:184 Resp: 37968
 Ion Ratio Lower Upper
 184 100
 63 78.6 62.7 94.1
 154 54.7 81.1 121.7#

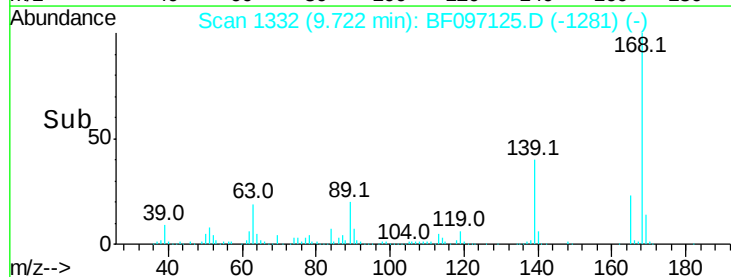
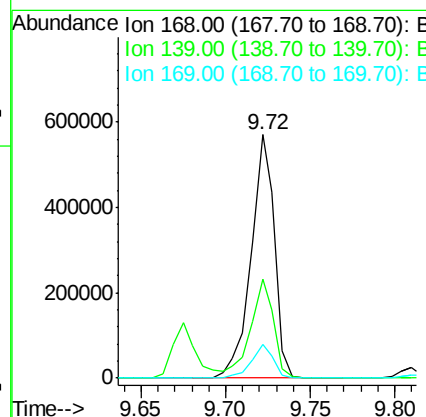
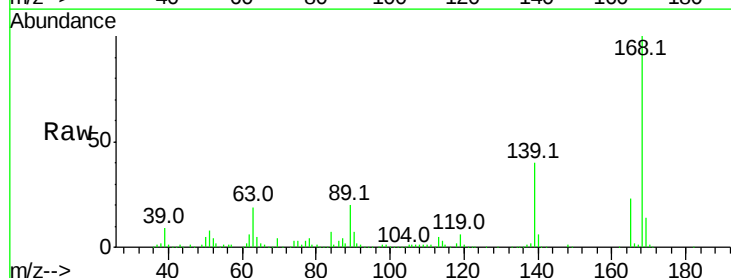
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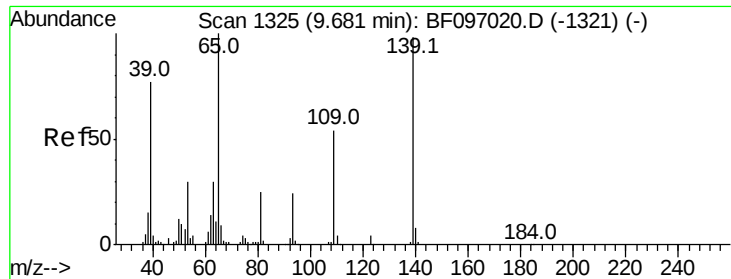
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#54
 Dibenzofuran
 Concen: 38.268 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:168 Resp: 550388
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.6 45.8
 169 13.7 10.8 16.2





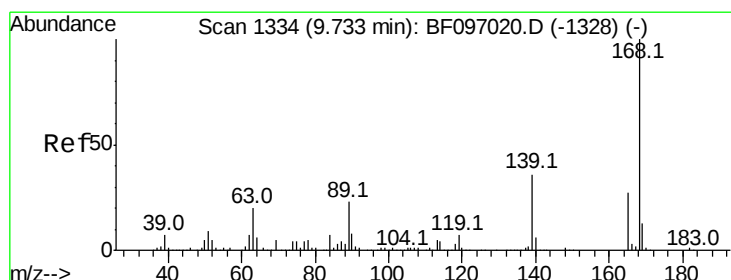
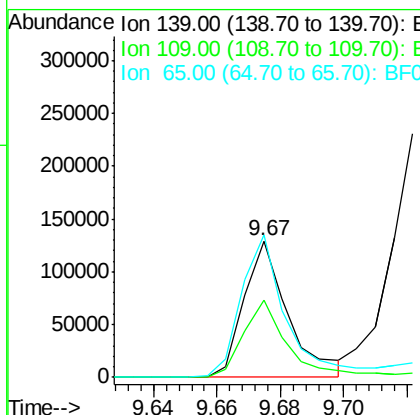
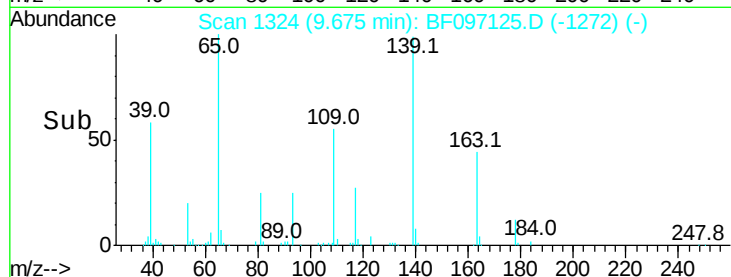
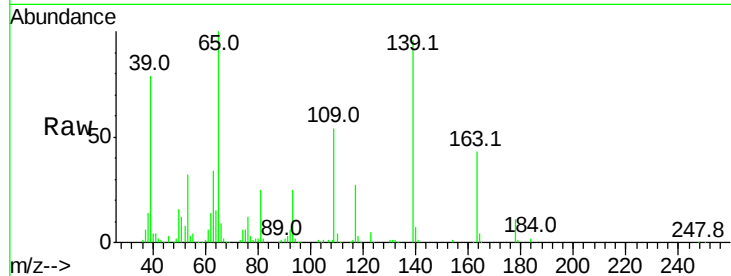
#55
4-Nitrophenol
Concen: 55.584 ng
RT: 9.67 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.4	34.1	74.1	
65	104.1	31.4	71.4	

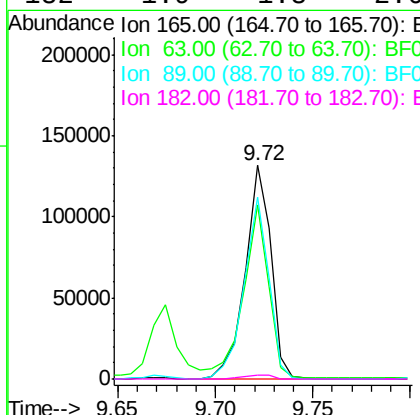
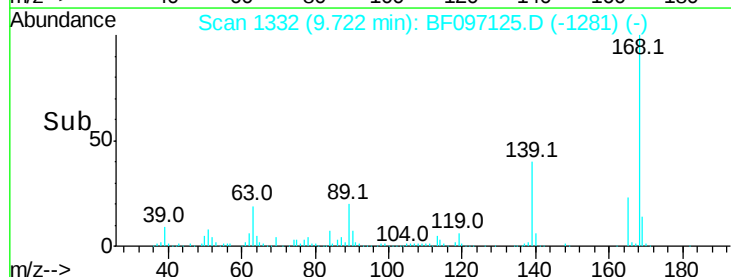
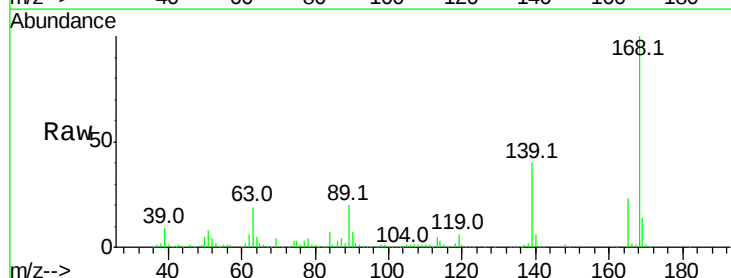
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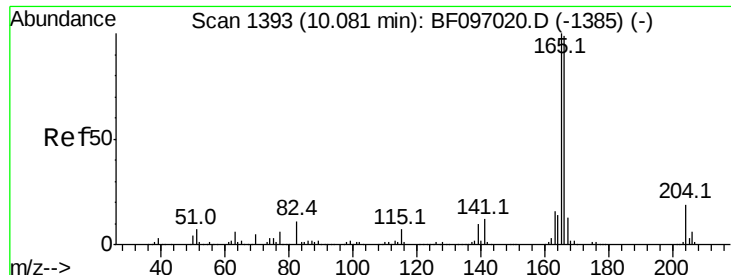
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#56
2,4-Dinitrotoluene
Concen: 34.385 ng
RT: 9.72 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	81.4	25.4	38.0	
89	85.0	46.4	69.6	
182	1.9	1.8	2.6	





#57

Fluorene

Concen: 35.112 ng

RT: 10.06 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampled :

PB101001BS

Tot Ion:166 Resp: 379561

Ion Ratio Lower Upper

166 100

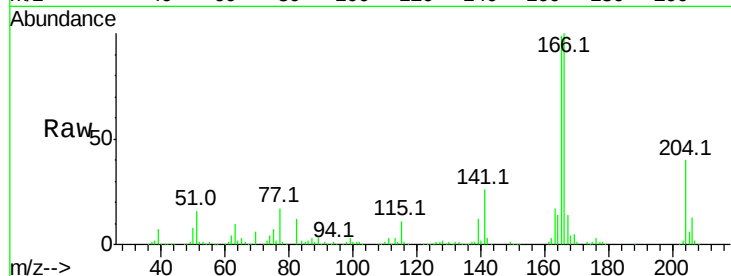
165 98.6 78.8 118.2

167 13.8 10.6 16.0

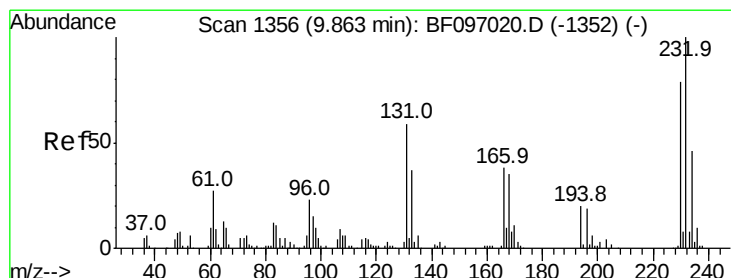
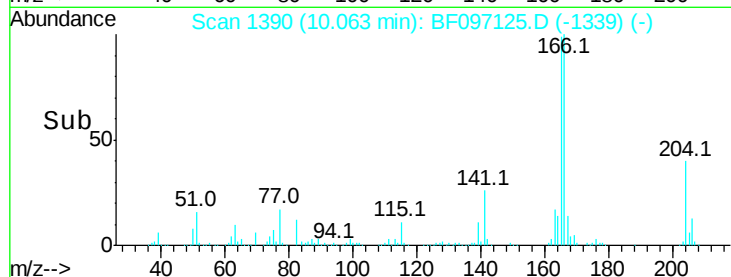
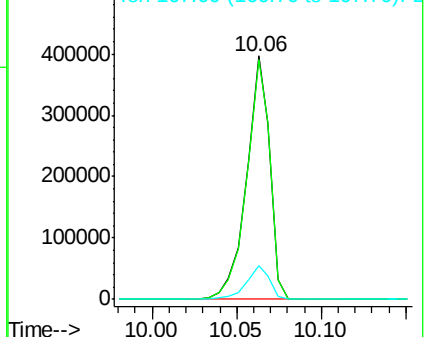
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.965 ng

RT: 9.85 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:232 Resp: 86242

Ion Ratio Lower Upper

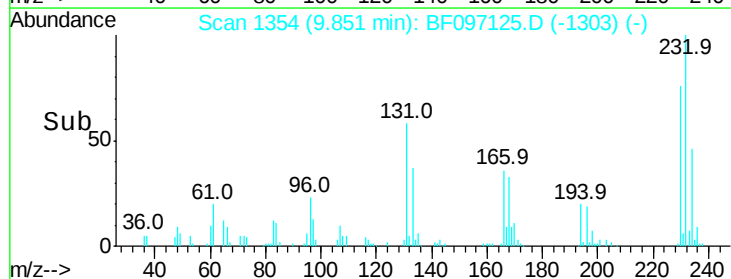
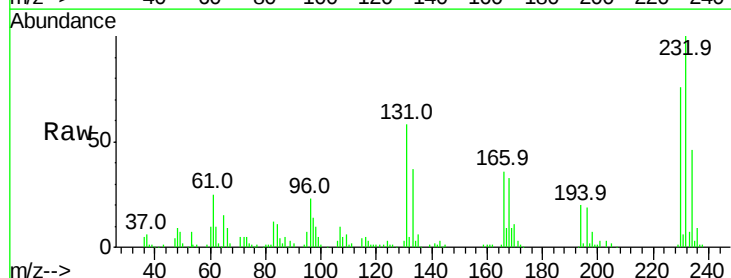
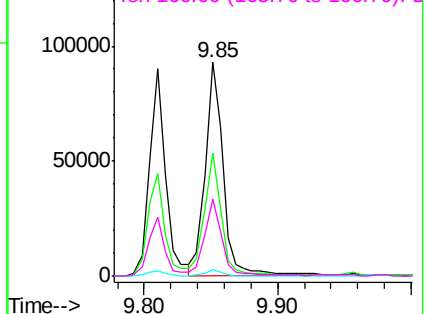
232 100

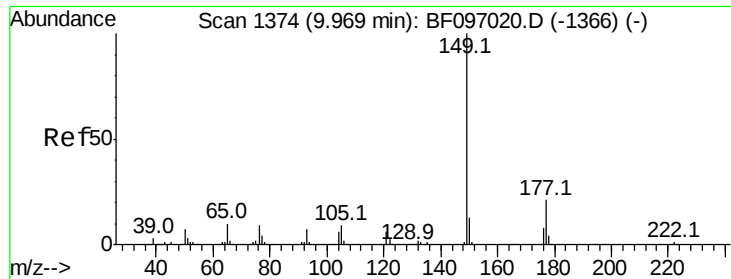
131 55.3 44.8 67.2

130 2.5 2.3 3.5

166 36.4 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





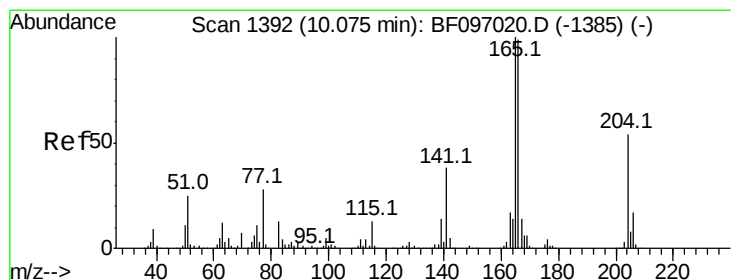
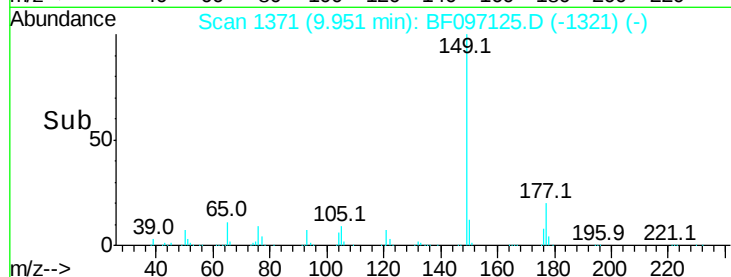
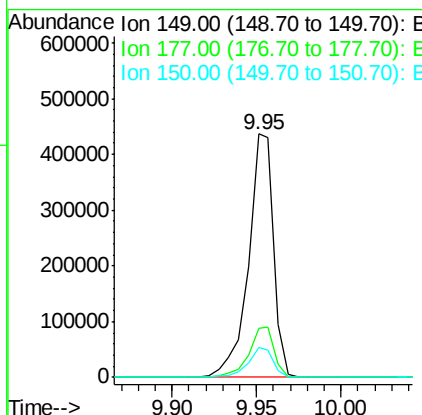
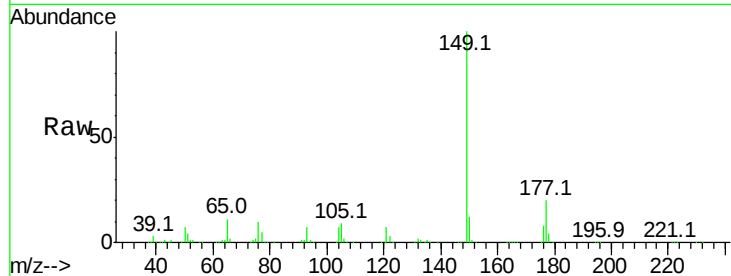
#59
Diethylphthalate
Concen: 34.320 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.7	25.1
150	12.5	10.2	15.2

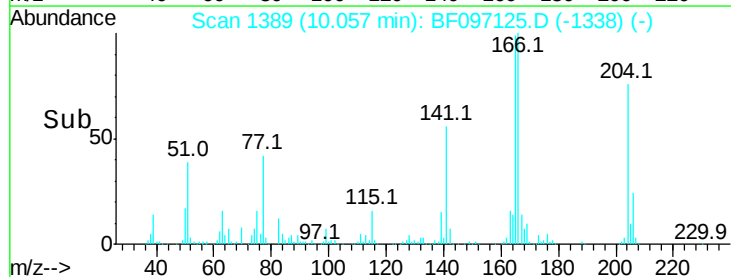
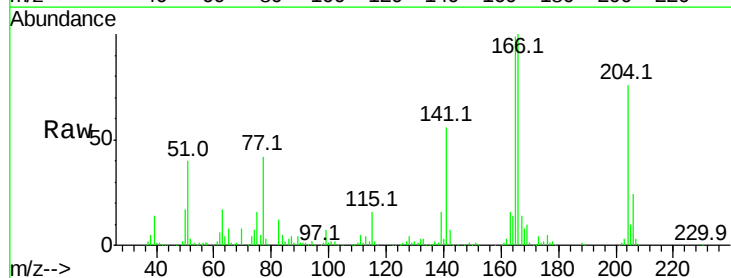
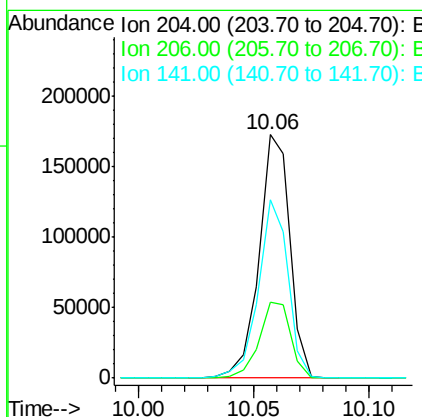
Manual Integrations
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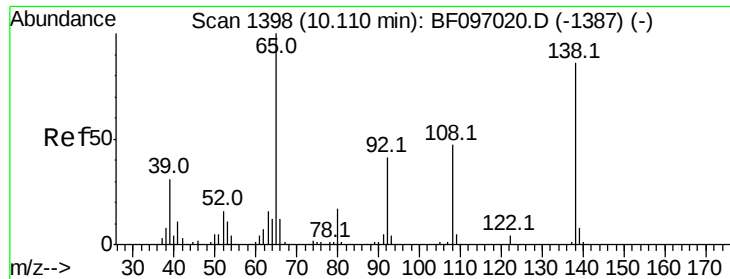
Sohil
7/28/2017 4:46:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.928 ng
RT: 10.06 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	73.5	60.8	91.2





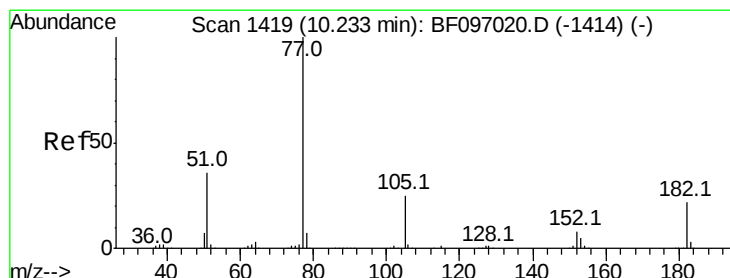
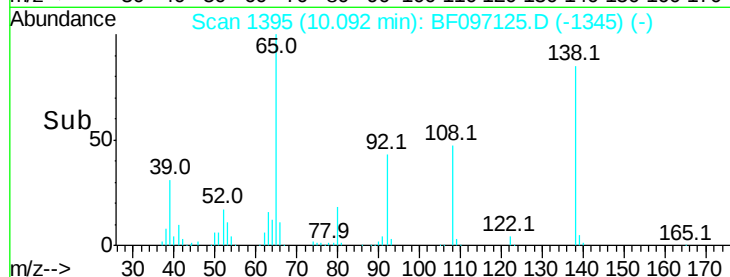
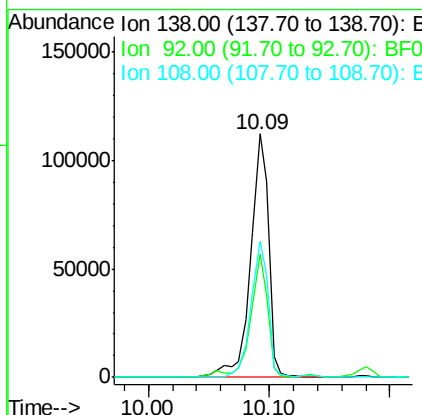
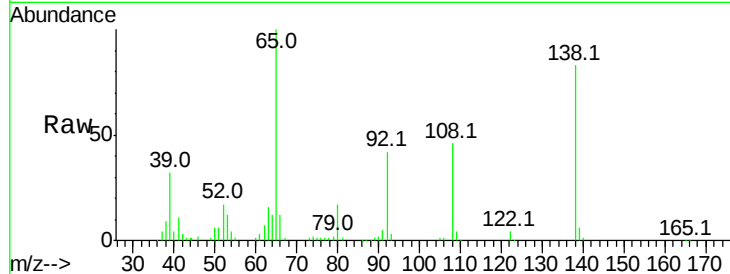
#61
4-Nitroaniline
Concen: 32.732 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampled :
PB101001BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	21.8	61.8
108	55.9	42.3	82.3

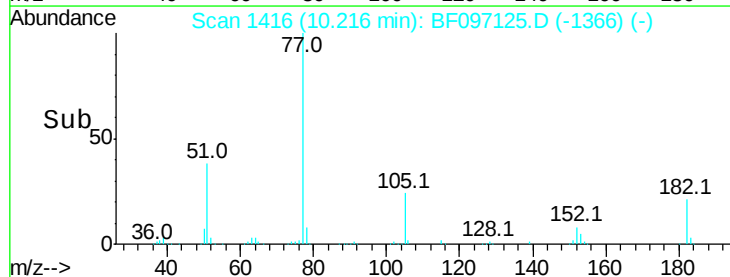
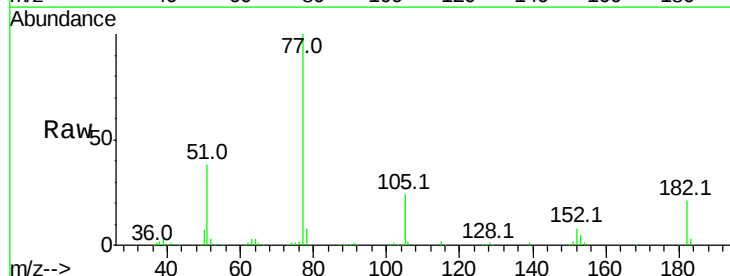
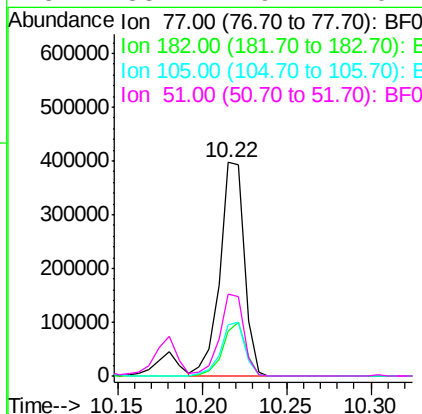
Manual Integrations
APPROVED

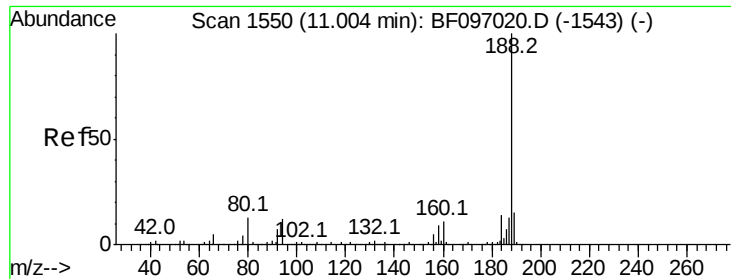
Sohil
7/28/2017 4:46:48 PM



#62
Azobenzene
Concen: 32.761 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	0.1	40.1
105	23.7	3.6	43.6
51	38.1	9.4	49.4





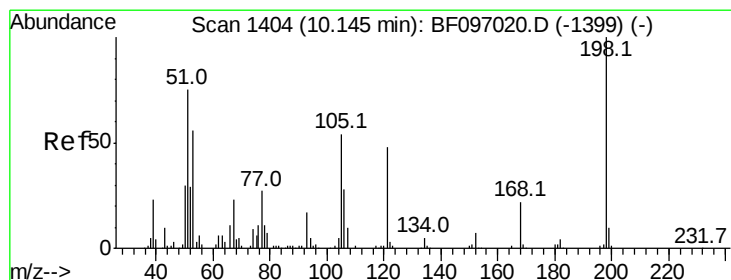
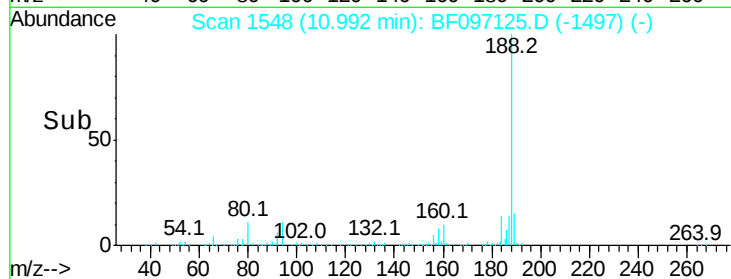
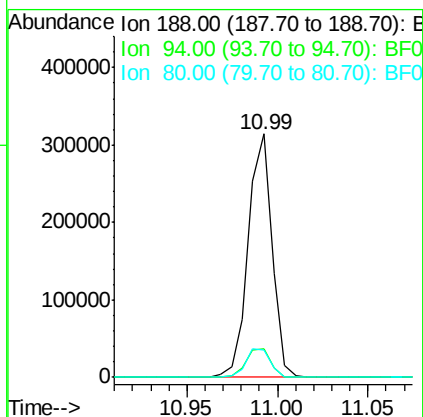
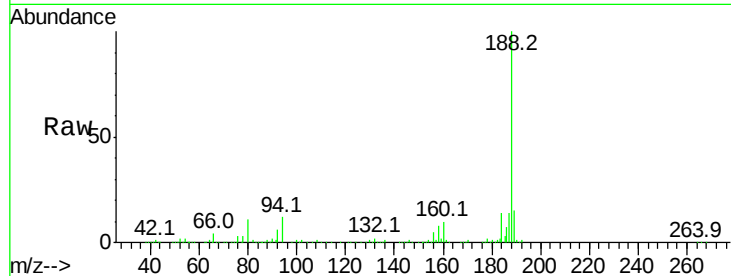
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	287443		
94	11.6		9.4	14.2
80	11.4		10.2	15.2

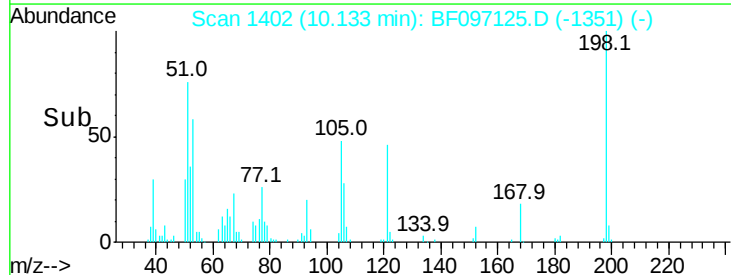
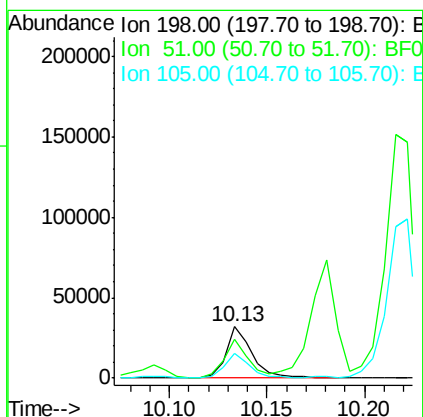
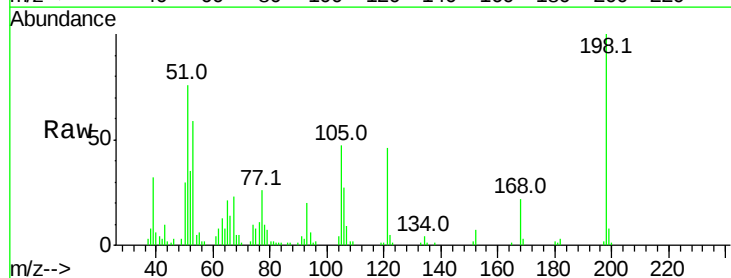
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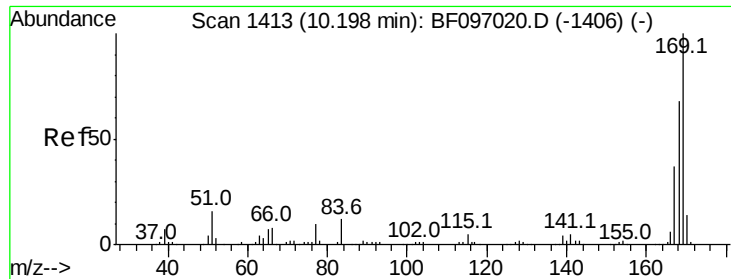
Sohil
7/28/2017 4:46:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 16.188 ng
RT: 10.13 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28915		
51	76.1		53.2	93.2
105	47.5		45.8	85.8





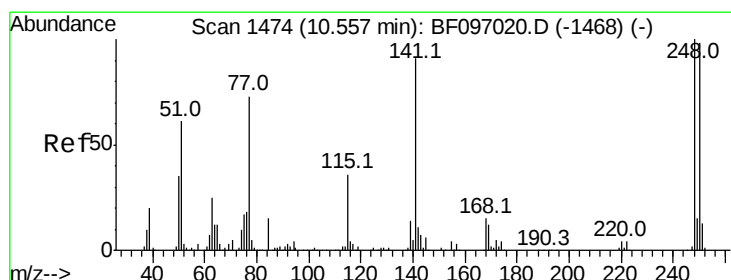
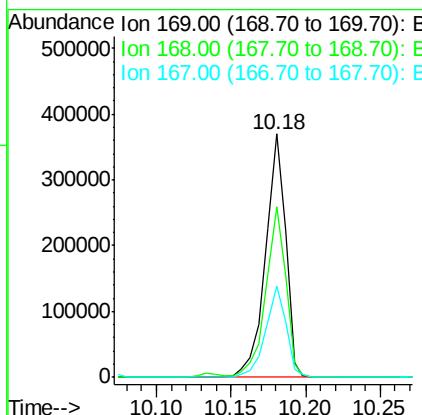
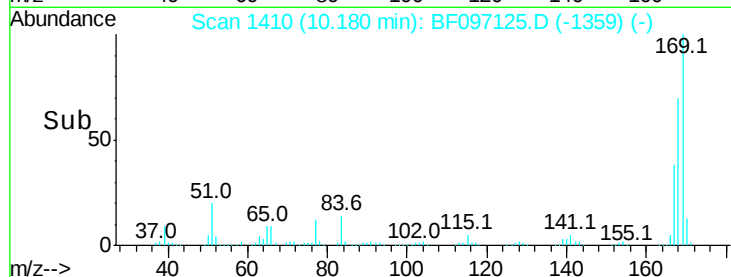
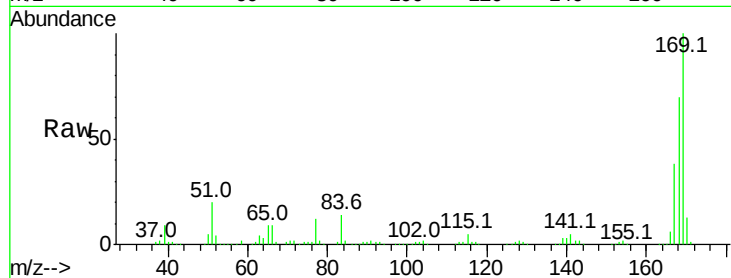
#65
n-Nitrosodiphenylamine
Concen: 34.198 ng
RT: 10.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.2	53.2	79.8
167	37.6	29.5	44.3

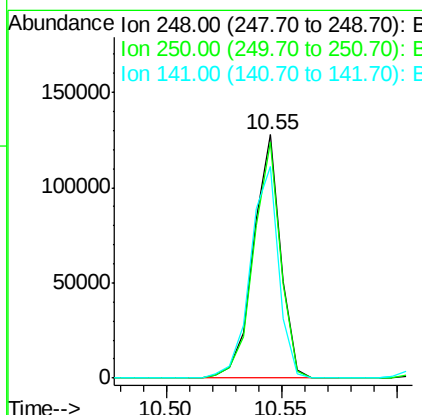
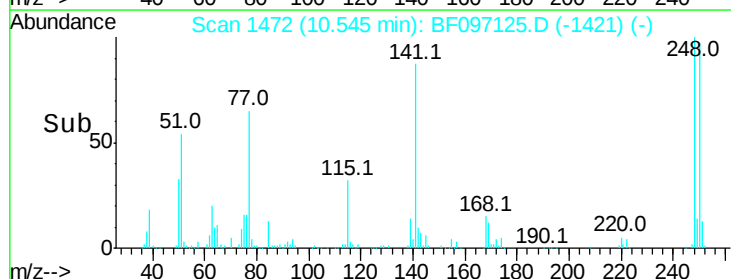
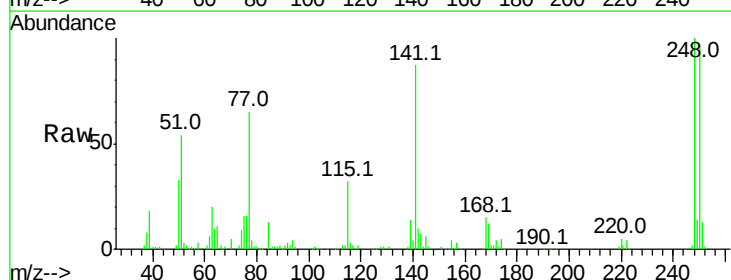
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#66
4-Bromophenyl-phenylether
Concen: 36.576 ng
RT: 10.55 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.8	115.2
141	87.1	68.6	103.0





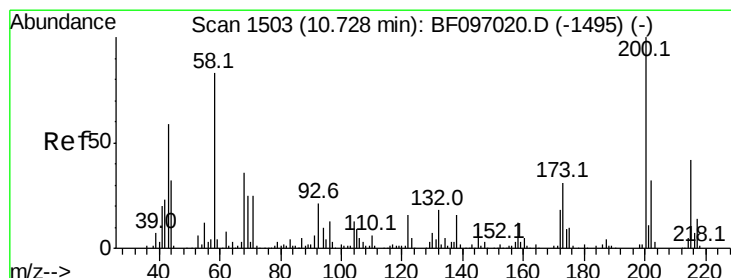
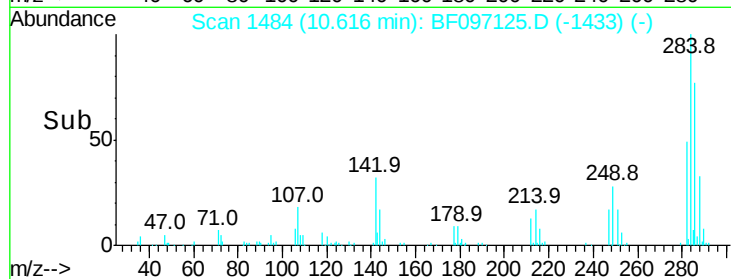
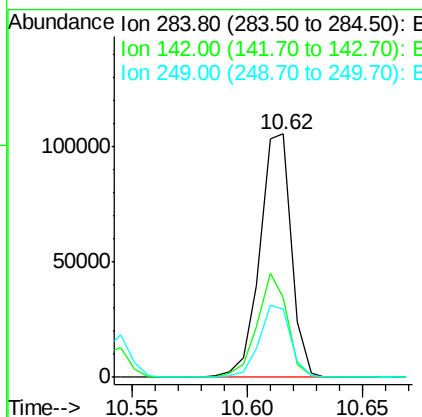
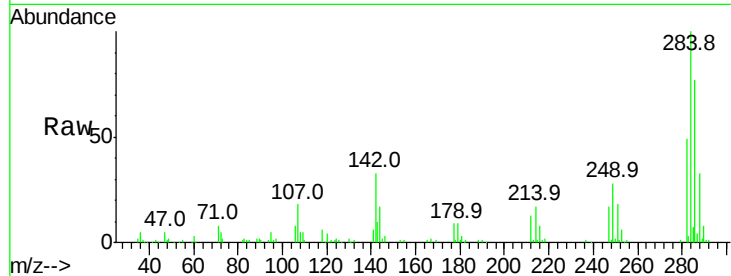
#67
Hexachlorobenzene
Concen: 31.402 ng
RT: 10.62 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampled :
PB101001BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.7	22.8	34.2
249	28.0	24.0	36.0

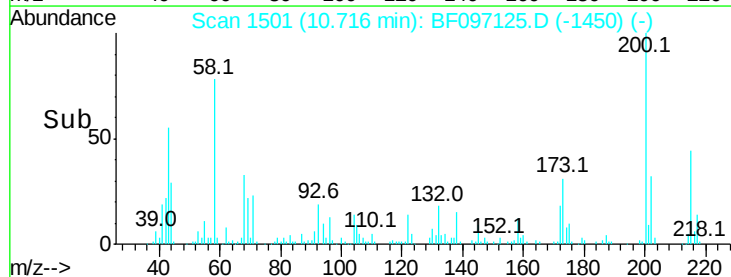
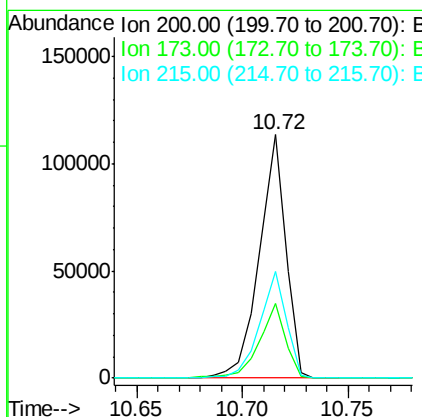
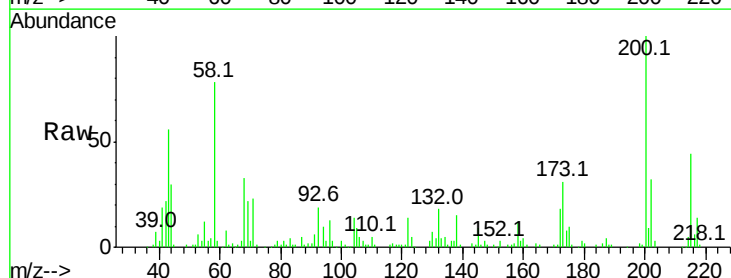
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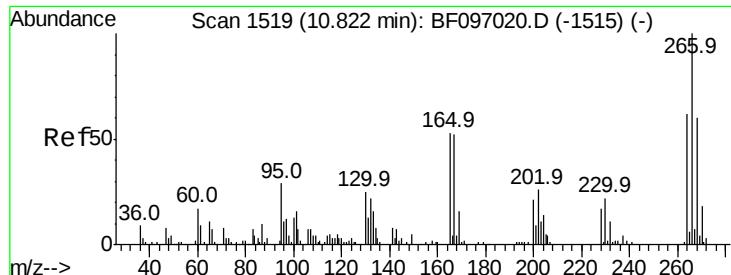
Sohil
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#68
Atrazine
Concen: 34.837 ng
RT: 10.72 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.5	6.3	46.3
215	43.7	27.2	67.2





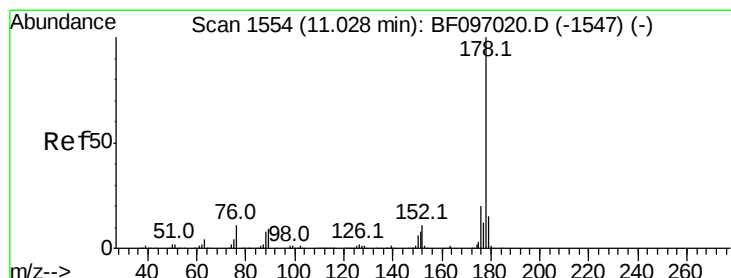
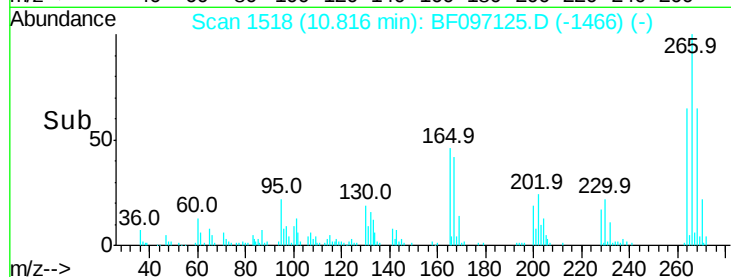
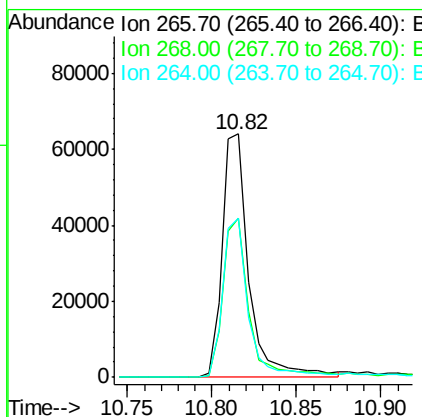
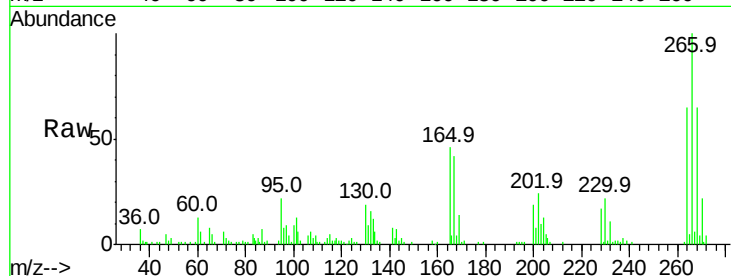
#69
 Pentachlorophenol
 Concen: 52.967 ng
 RT: 10.82 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	65.3	51.7	77.5

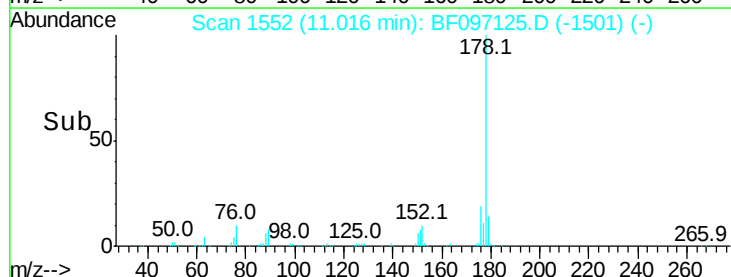
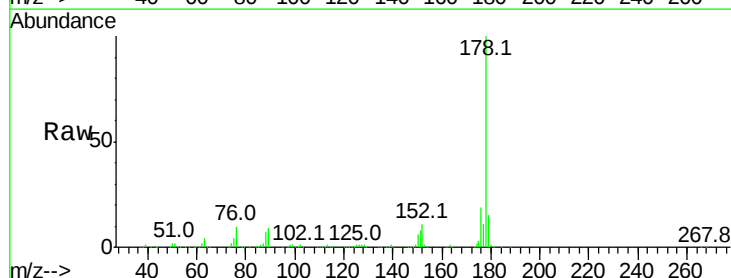
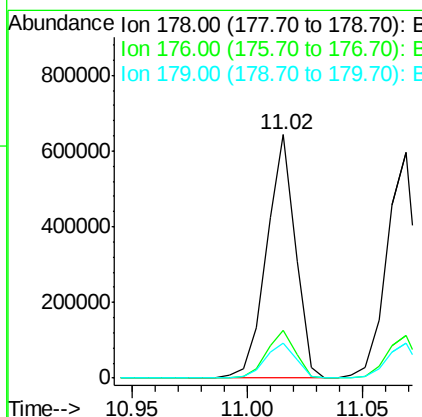
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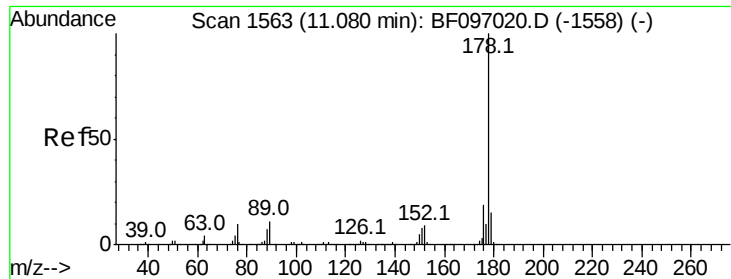
Sohil
 7/28/2017 4:46:48 PM



#70
 Phenanthrene
 Concen: 36.045 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.5	12.6	19.0





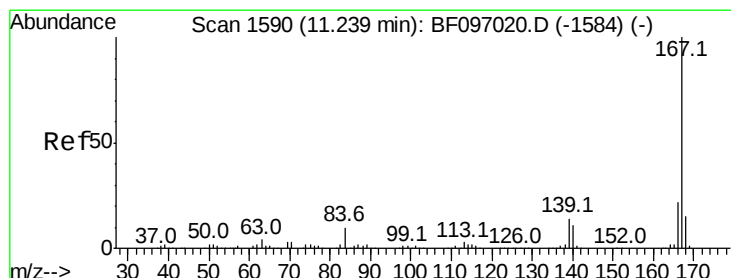
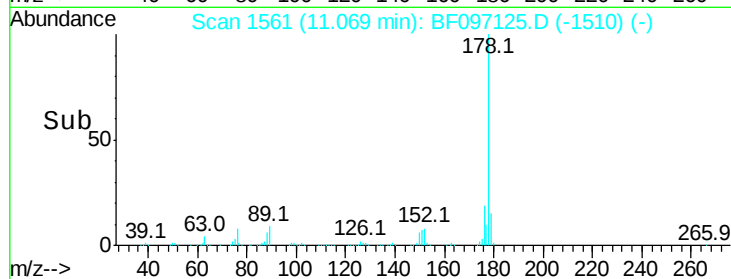
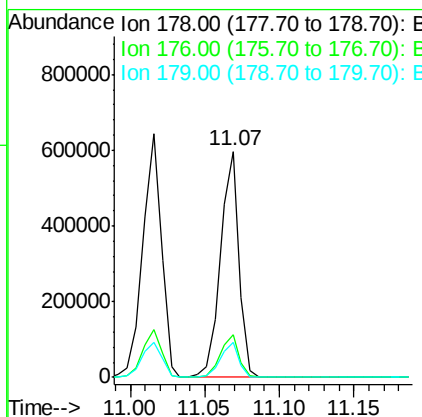
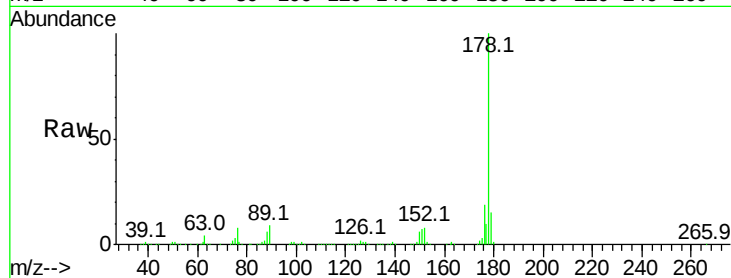
#71
 Anthracene
 Concen: 33.044 ng
 RT: 11.07 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	12.7	19.1

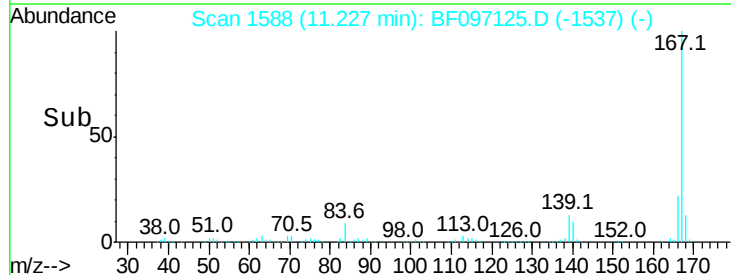
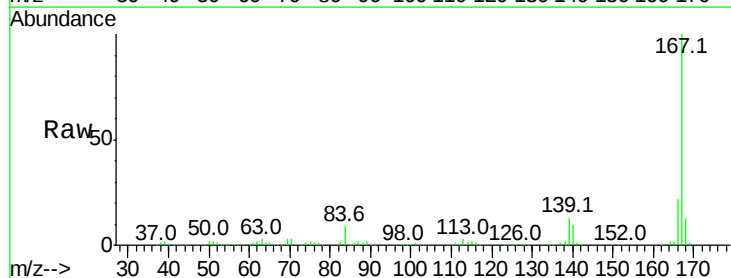
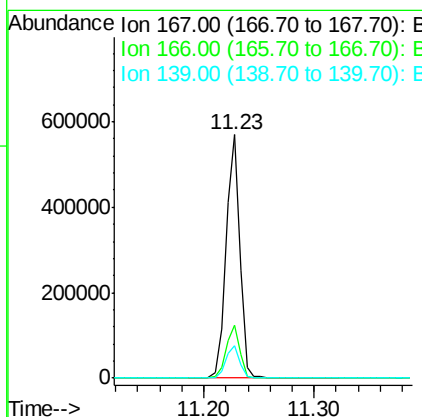
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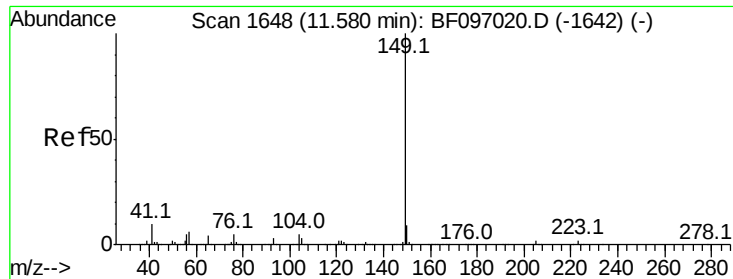
Sohil
 7/28/2017 4:46:48 PM



#72
 Carbazole
 Concen: 31.945 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 34.526 ng

RT: 11.57 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

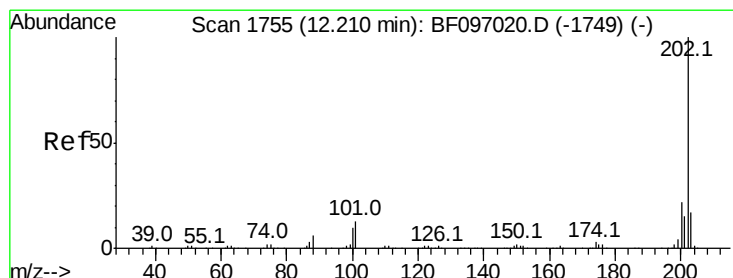
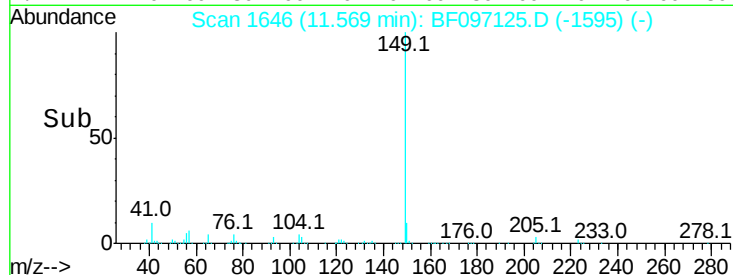
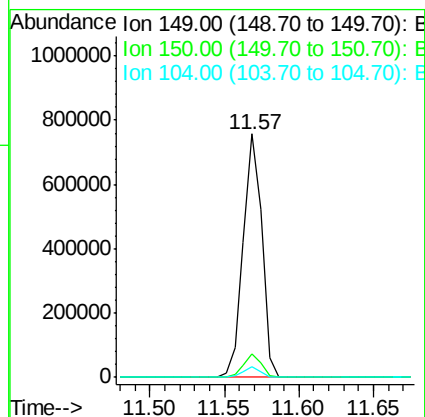
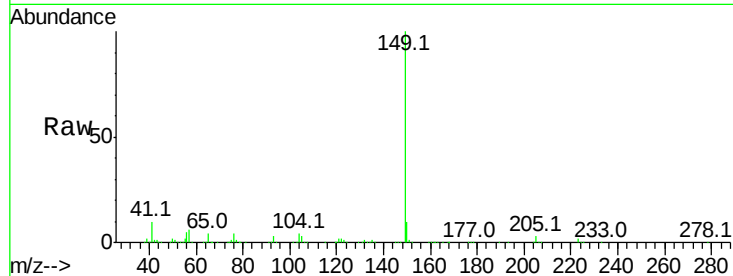
ClientSampleId :

PB101001BS

Tot Ion:	149	Resp:	662084
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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7/28/2017 4:46:48 PM



#74

Fluoranthene

Concen: 31.769 ng

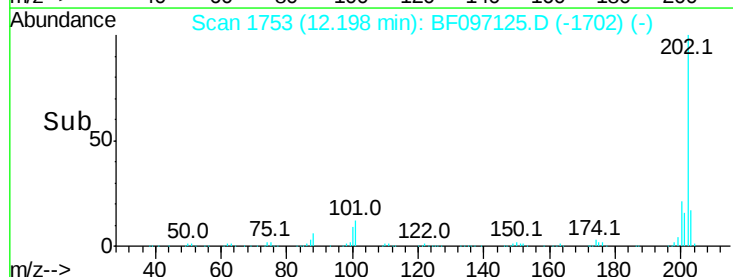
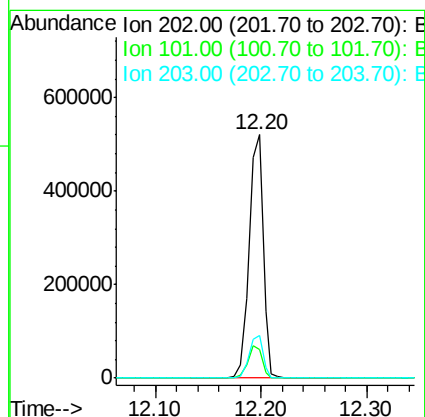
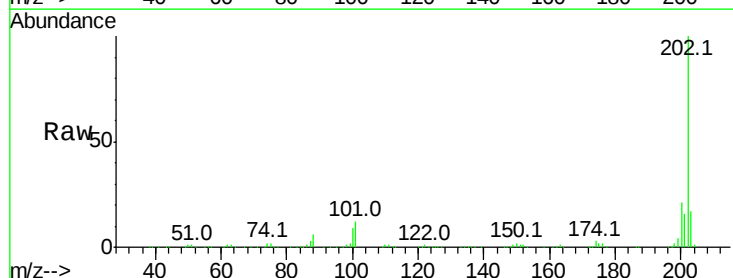
RT: 12.20 min Scan# 1753

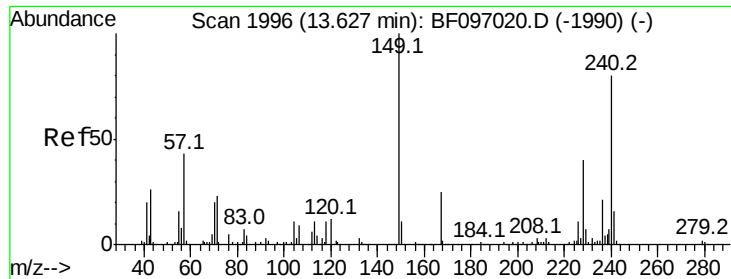
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	202	Resp:	479333
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampled :

PB101001BS

Tot Ion:240 Resp: 165287
Ion Ratio Lower Upper

240 100

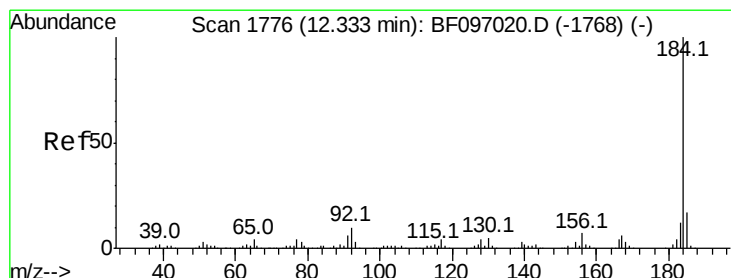
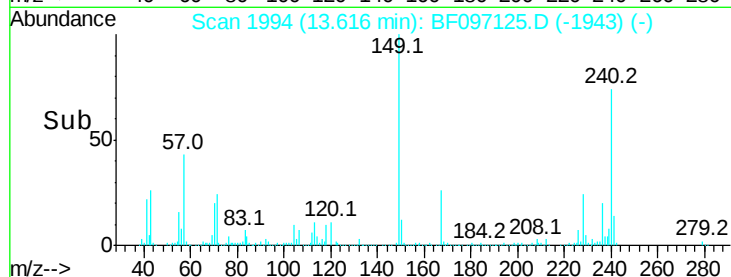
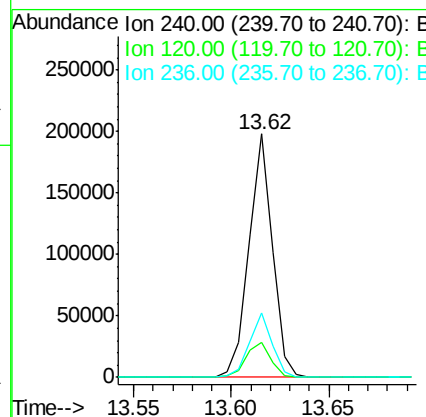
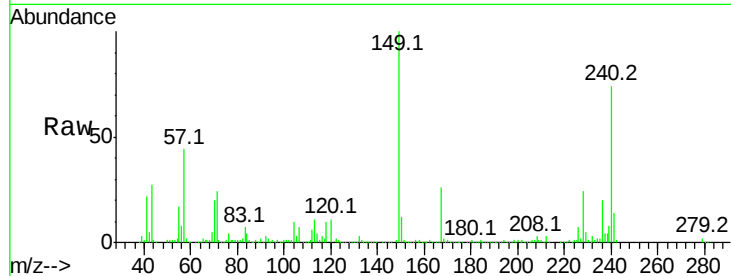
120 14.5 5.8 8.8#

236 26.6 20.5 30.7

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#76

Benzidine

Concen: 32.560 ng

RT: 12.32 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF097125.D

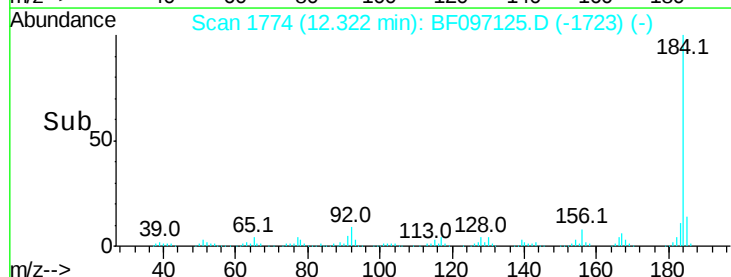
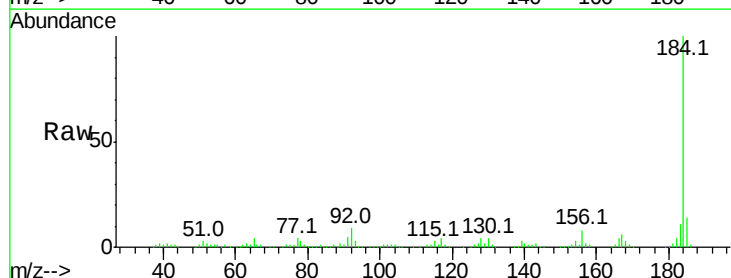
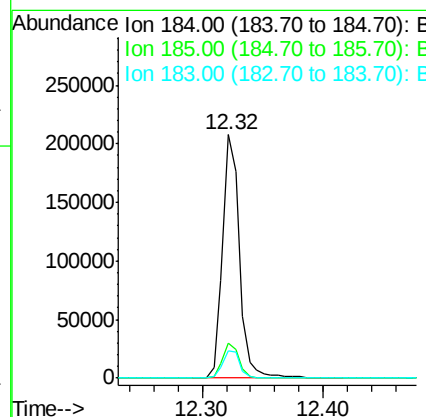
Acq: 27 Jul 2017 16:28

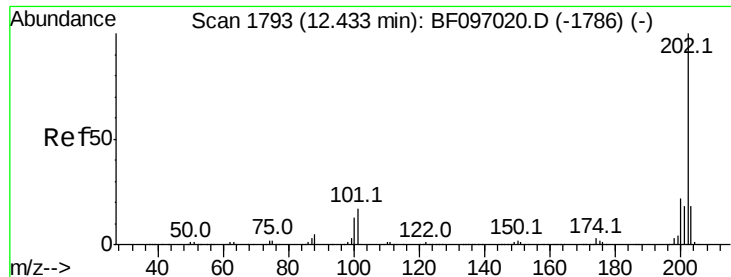
Tgt Ion:184 Resp: 199689
Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

183 11.2 9.8 14.6





#77

Pvrene

Concen: 35.712 ng

RT: 12.42 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

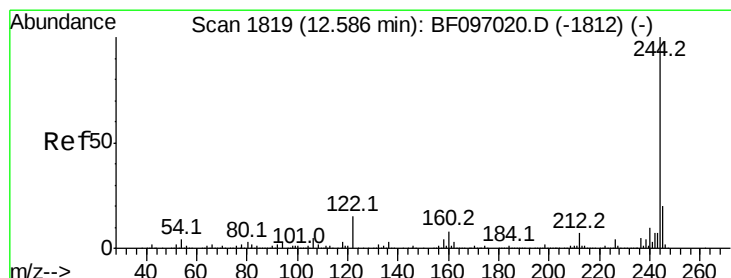
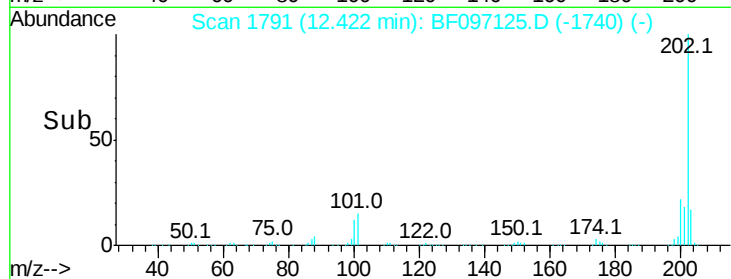
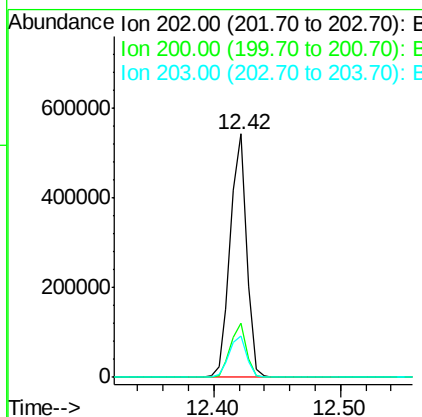
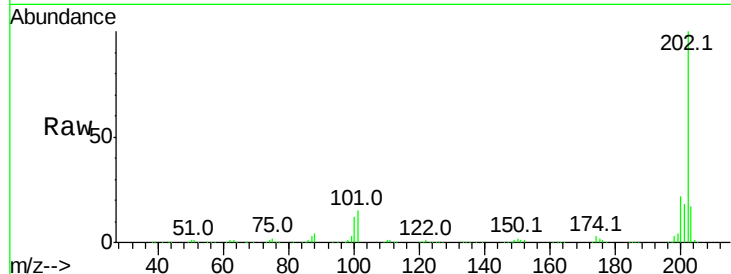
ClientSampleId :

PB101001BS

Tot Ion:	202	Resp:	483233
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	17.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 68.204 ng

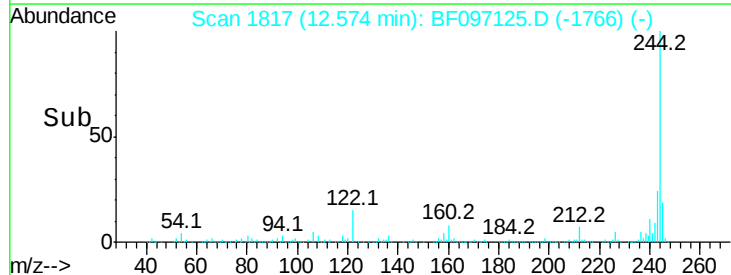
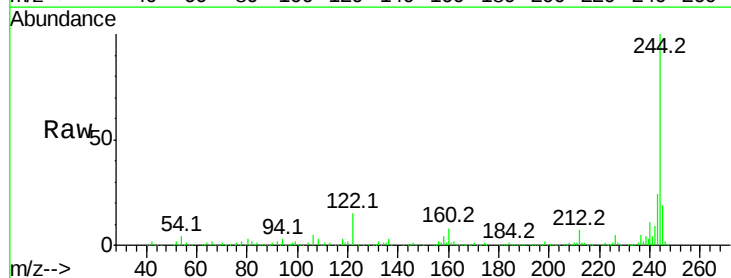
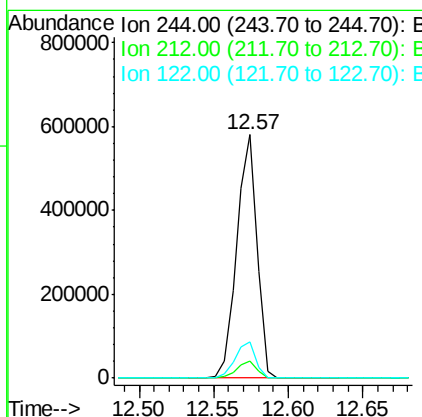
RT: 12.57 min Scan# 1817

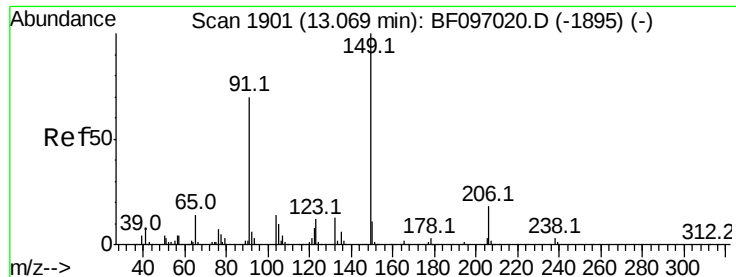
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	244	Resp:	552918
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5





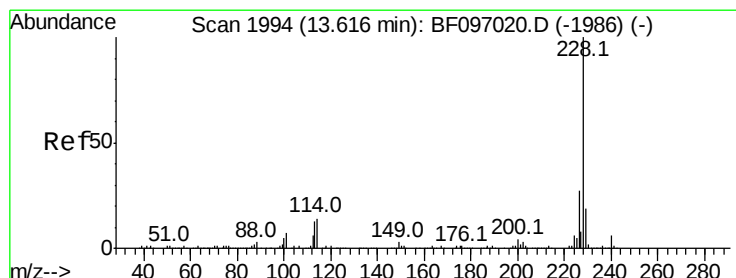
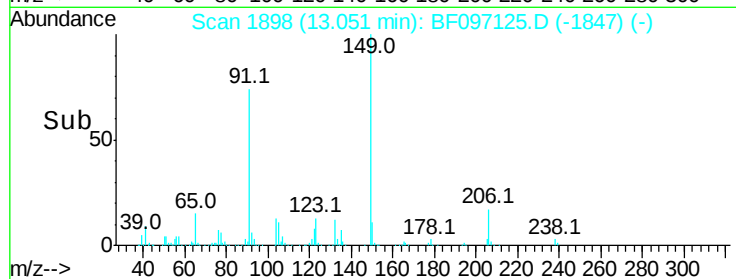
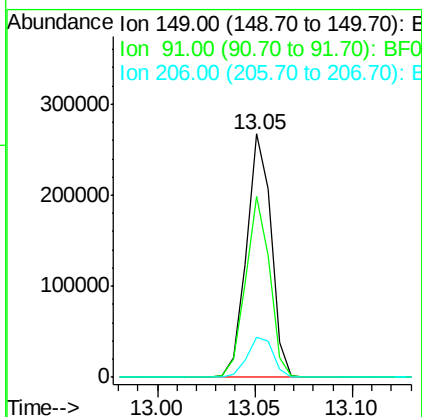
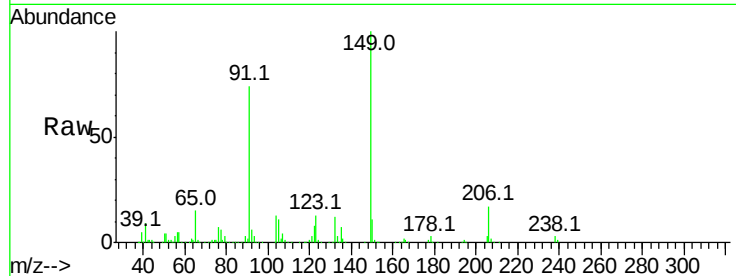
#79
Butylbenzylphthalate
Concen: 34.097 ng
RT: 13.05 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.3	45.0	67.4#
206	16.5	17.0	25.6#

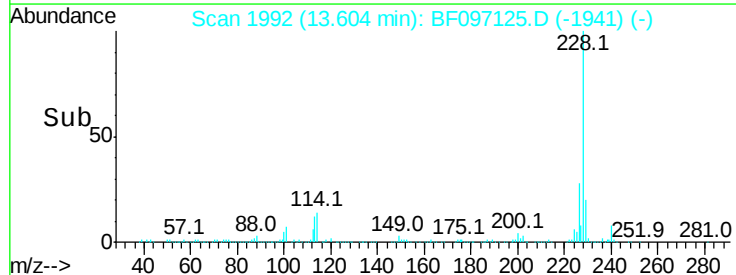
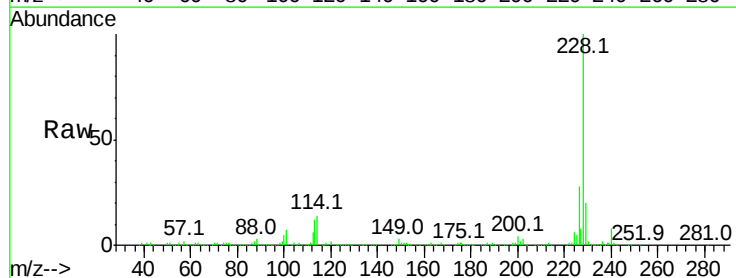
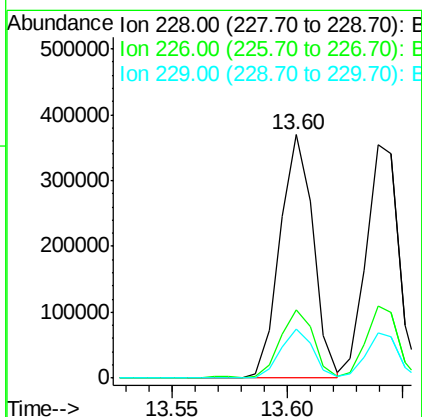
Manual Integrations
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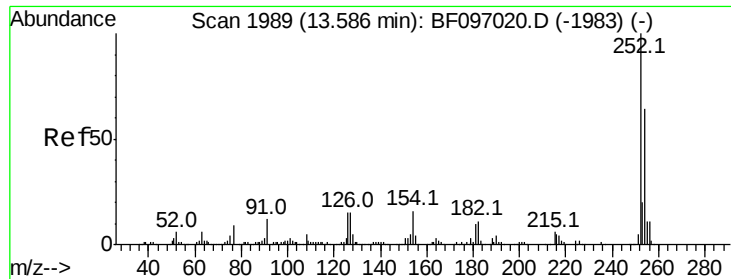
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#80
Benzo(a)anthracene
Concen: 34.283 ng
RT: 13.60 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.6	33.8
229	20.0	16.3	24.5





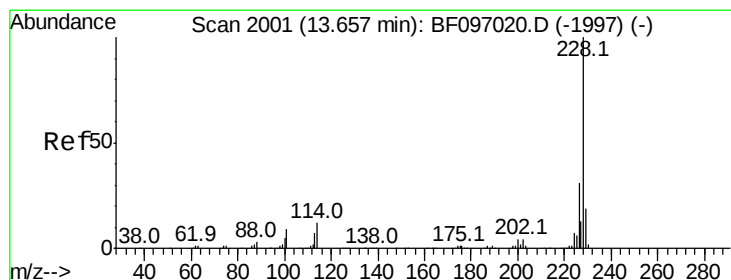
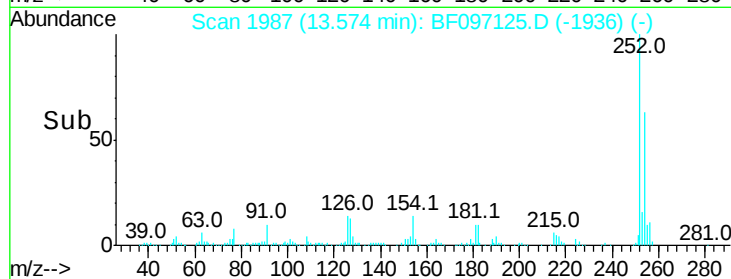
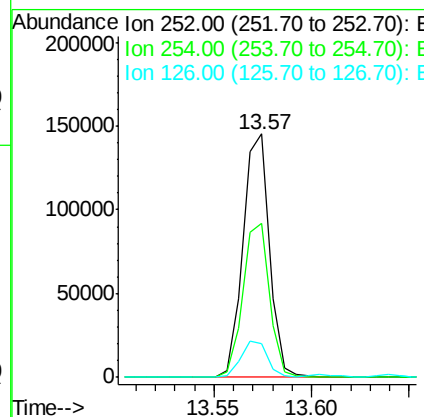
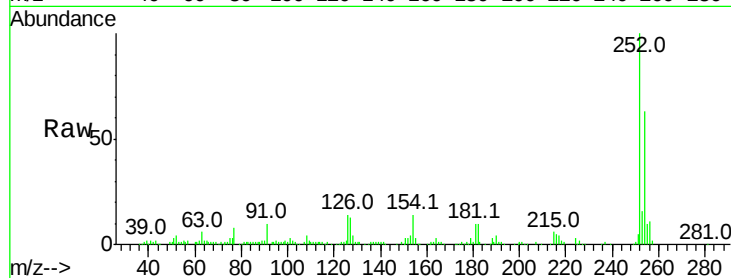
#81
 3,3'-Dichlorobenzidine
 Concen: 33.835 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	51.5	77.3
126	13.8	15.8	23.8

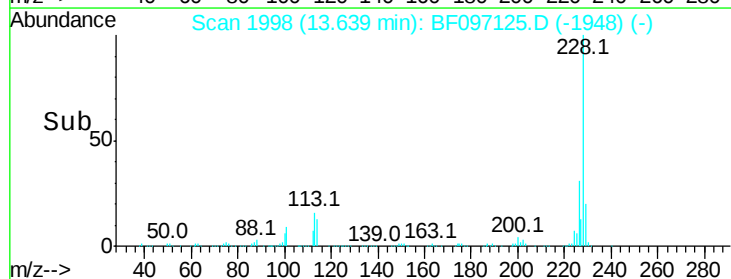
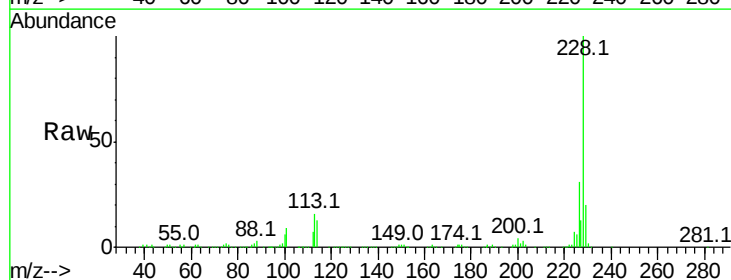
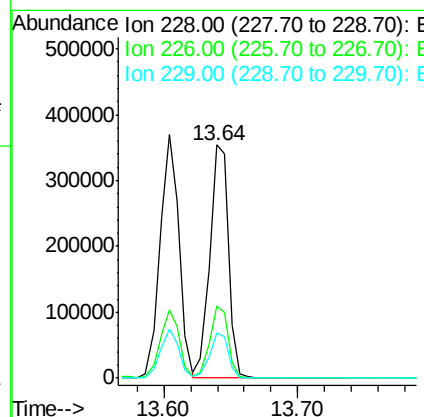
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#82
 Chrysene
 Concen: 33.275 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.6	15.8	23.6





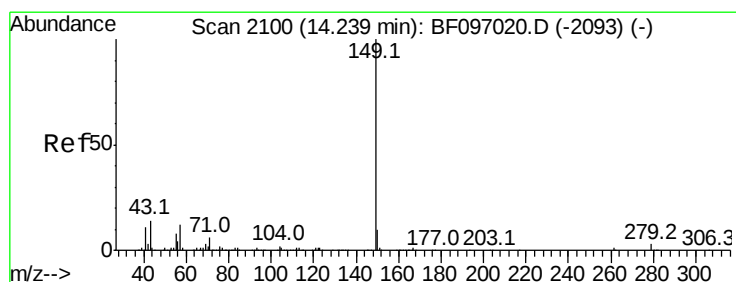
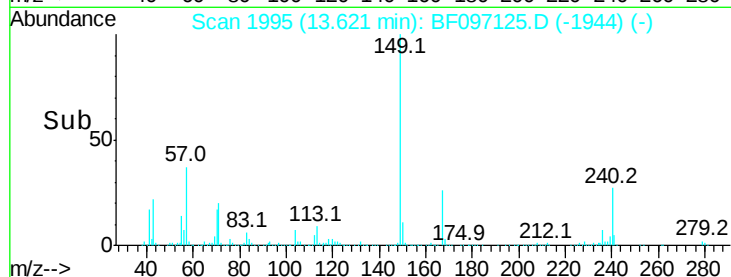
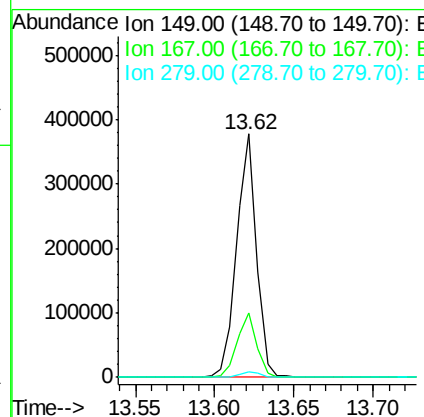
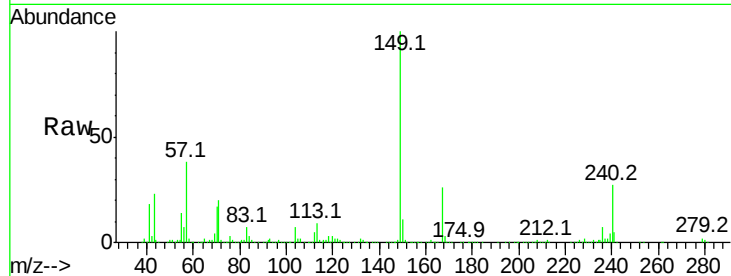
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.317 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.4	21.0	31.4	
279	2.4	1.9	2.9	

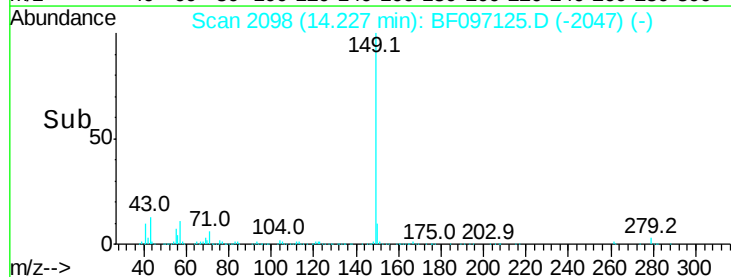
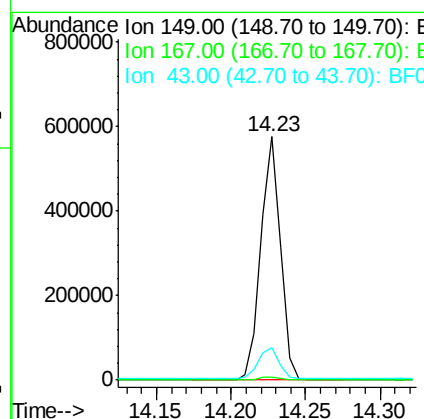
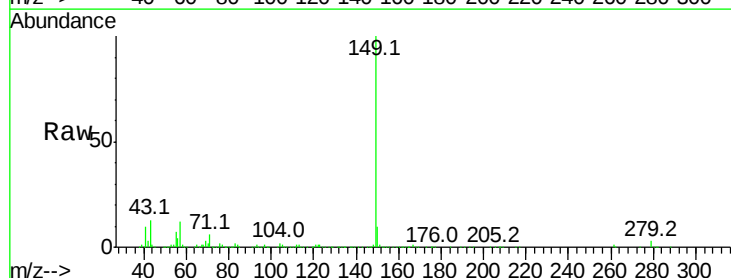
Manual Integrations
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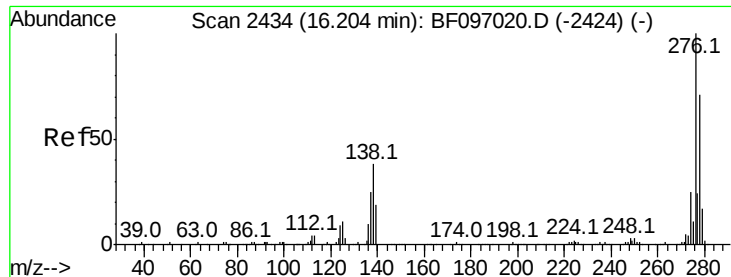
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#84
 Di-n-octyl phthalate
 Concen: 31.216 ng
 RT: 14.23 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	13.1	8.5	12.7#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.760 ng

RT: 16.19 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

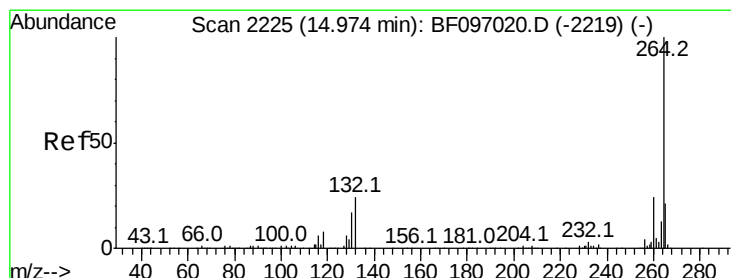
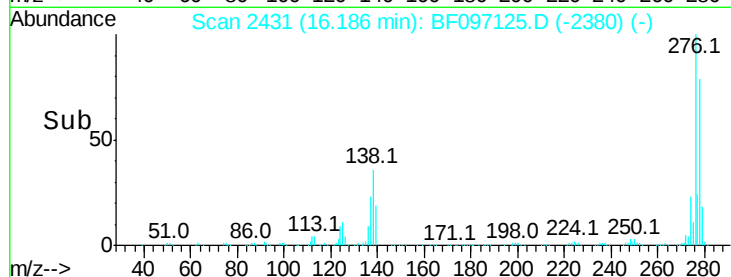
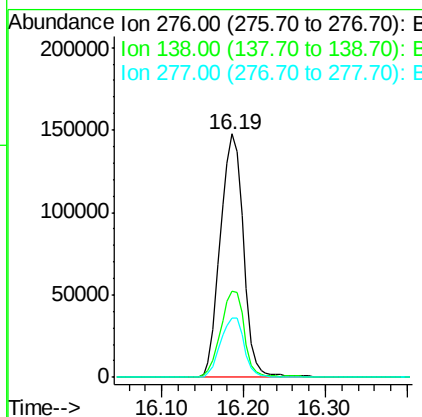
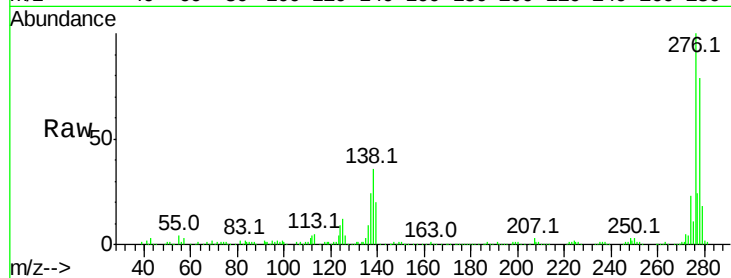
ClientSampleId :

PB101001BS

Tot Ion:	276	Resp:	293355
Ion Ratio	Lower	Upper	
276	100		
138	35.9	27.8	41.6
277	24.7	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

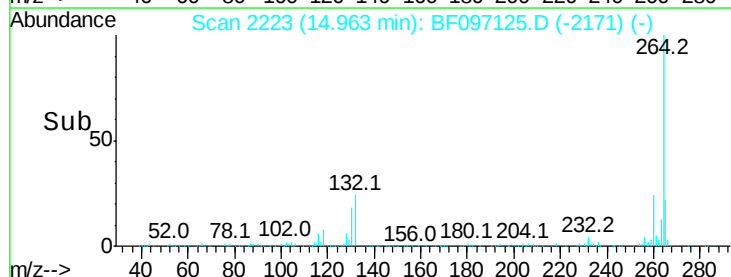
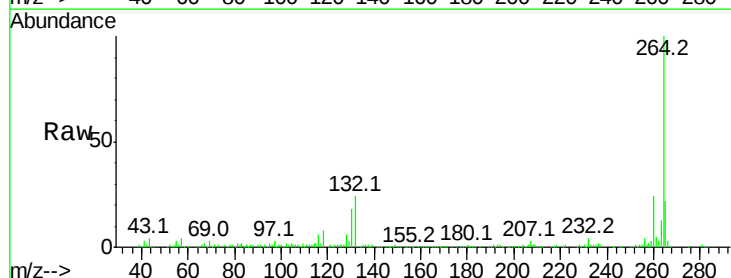
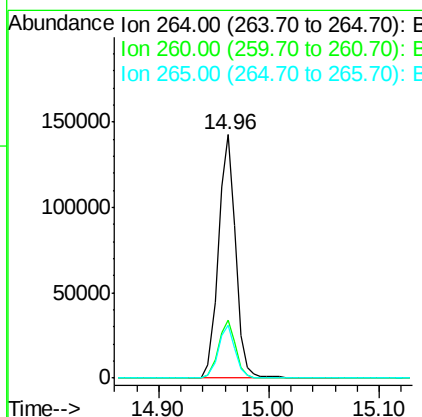
RT: 14.96 min Scan# 2223

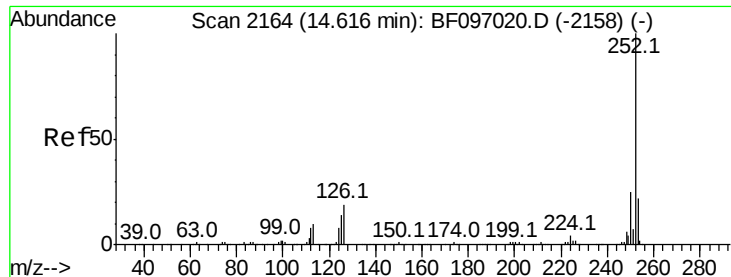
Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	264	Resp:	154184
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.201 ng

RT: 14.60 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

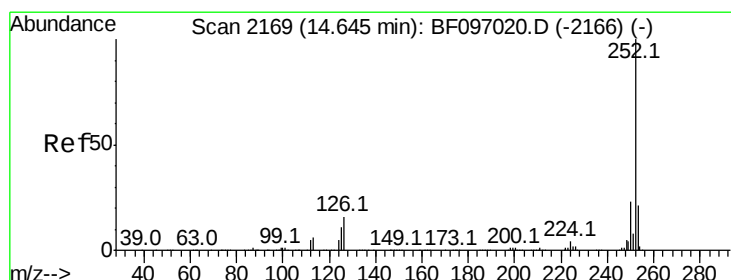
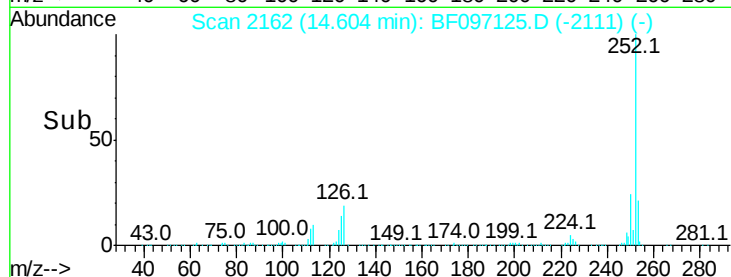
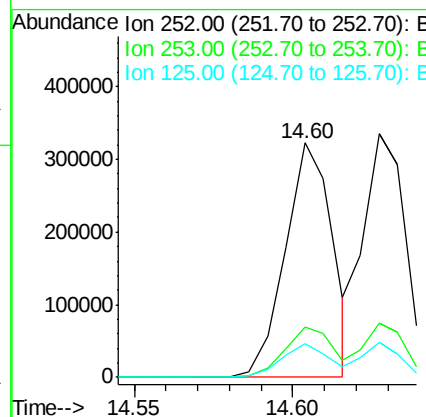
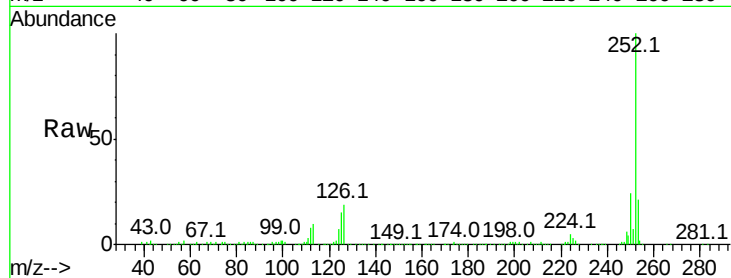
ClientSampleId :

PB101001BS

Tot Ion:	252	Resp:	335520
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	14.5	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 35.525 ng

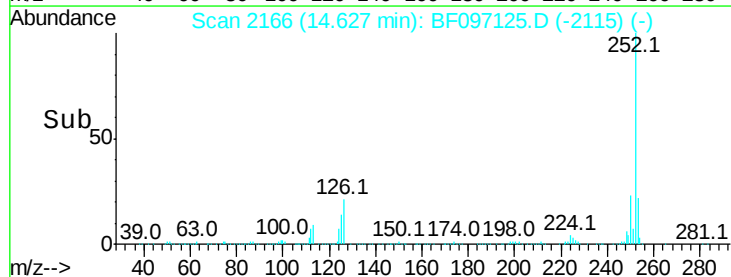
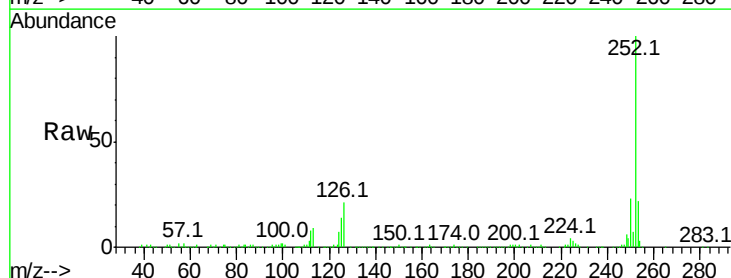
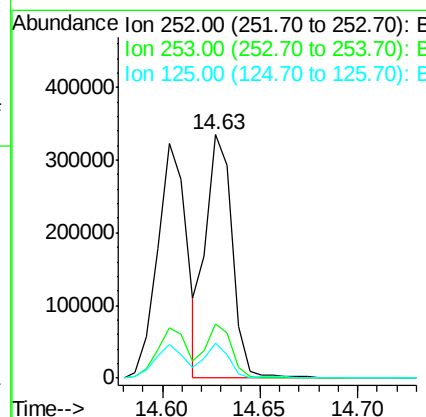
RT: 14.63 min Scan# 2166

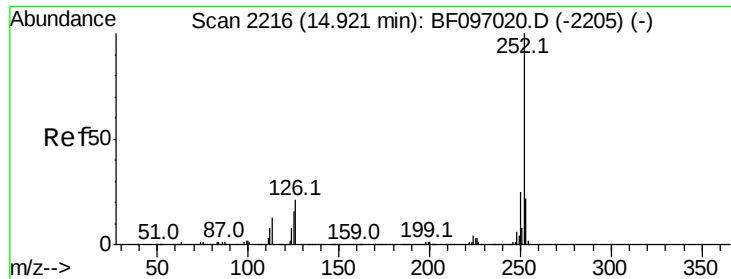
Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:	252	Resp:	313758
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	14.3	13.1	19.7





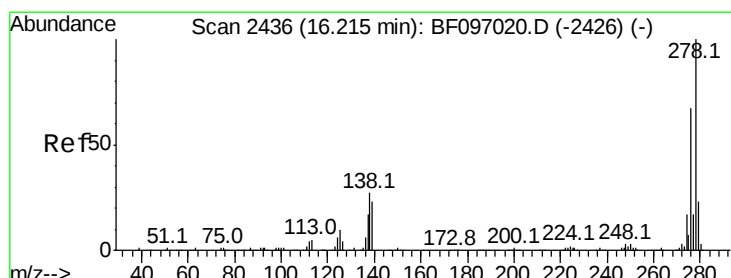
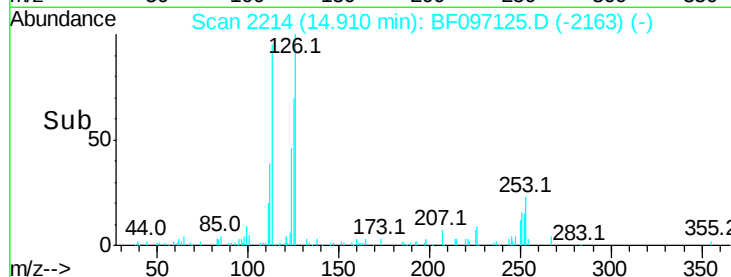
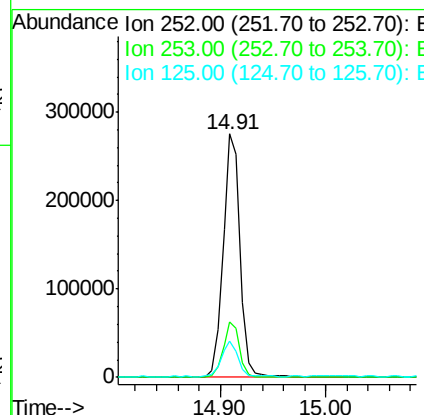
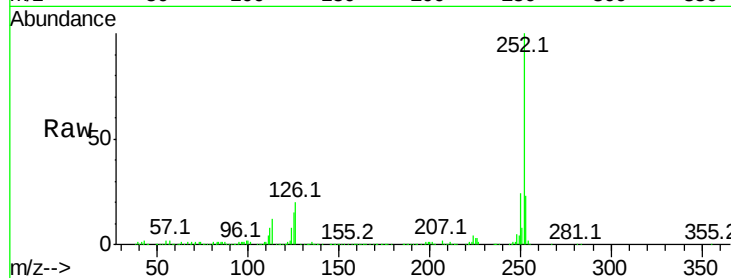
#89
Benzo(a)pyrene
Concen: 36.561 ng
RT: 14.91 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	15.1	11.0	16.4

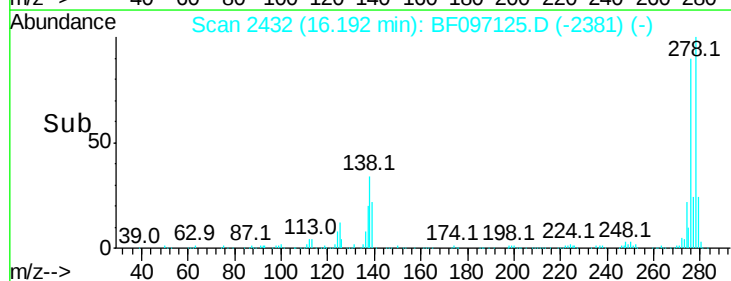
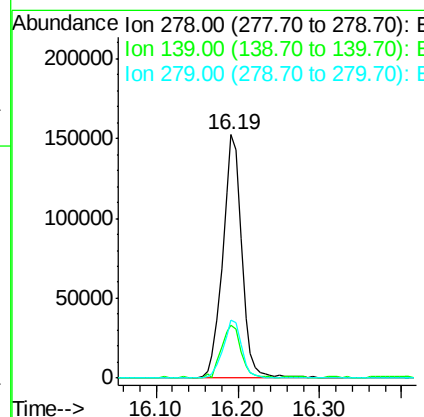
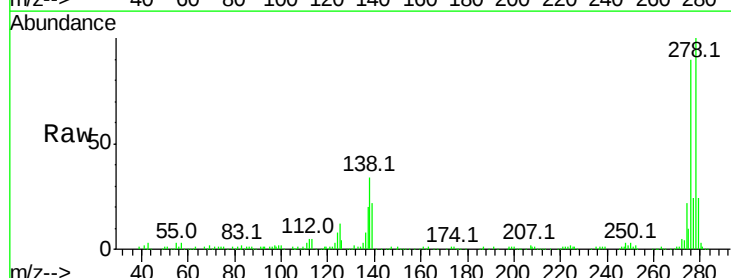
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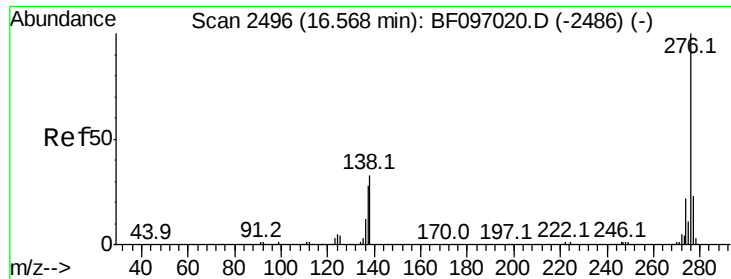
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#90
Dibenzo(a,h)anthracene
Concen: 35.621 ng
RT: 16.19 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.6	19.3	28.9





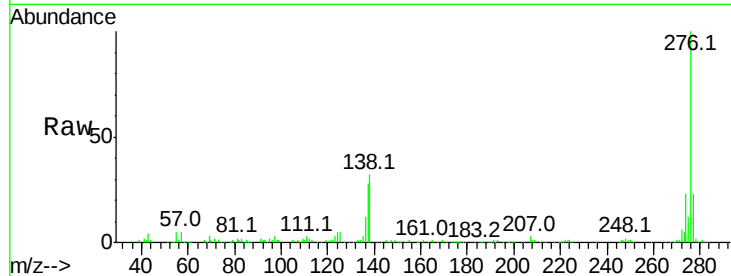
#91
 Benzo(a,h,i)perylene
 Concen: 33.538 ng
 RT: 16.55 min Scan# 2493
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	31.8	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

