

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097429.D
 Acq On : 7 Aug 2017 15:00
 Operator : SJ/JU
 Sample : PB101306BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Manual Integrations
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Sohil
 8/9/2017 7:55:49 PM

Quant Time: Aug 07 16:25:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	95825	20.00	ng	0.00
21) Naphthalene-d8	7.70	136	413908	20.00	ng	0.00
38) Acenaphthene-d10	9.44	164	161756	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	244231	20.00	ng	0.00
75) Chrysene-d12	13.53	240	143262	20.00	ng	0.00
86) Perylene-d12	14.87	264	183025	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	817228	128.56	ng	0.01
7) Phenol-d6	6.09	99	924656	127.42	ng	0.00
23) Nitrobenzene-d5	6.99	82	583869	82.75	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	159589	124.87	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	930038	97.58	ng	0.00
78) Terphenyl-d14	12.49	244	543144	77.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	103248	38.922	ng	# 68
3) Pyridine	2.56	79	291418	35.877	ng	# 62
4) n-Nitrosodimethylamine	2.52	42	166843	37.076	ng	# 73
6) Aniline	6.08	93	170115	18.629	ng	# 75
8) 2-Chlorophenol	6.20	128	288616	42.462	ng	94
9) Benzaldehyde	5.96	77	159815	37.206	ng	99
10) Phenol	6.10	94	356371	41.402	ng	95
11) bis(2-Chloroethyl)ether	6.16	93	288576	42.388	ng	86
12) 1,3-Dichlorobenzene	6.35	146	299518	40.890	ng	98
13) 1,4-Dichlorobenzene	6.43	146	306141	42.173	ng	94
14) 1,2-Dichlorobenzene	6.58	146	260175	41.049	ng	98
15) Benzyl Alcohol	6.58	79	230270	50.119	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	594264	43.521	ng	62
17) 2-Methylphenol	6.71	107	229647	43.777	ng	# 88
18) Hexachloroethane	6.92	117	113020	42.558	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	213896	44.779	ng	# 84
20) 3+4-Methylphenols	6.87	107	323566	47.226	ng	# 64
22) Acetophenone	6.83	105	402089	40.452	ng	# 97
24) Nitrobenzene	7.00	77	301631	41.048	ng	95
25) Isophorone	7.25	82	555360	40.193	ng	97
26) 2-Nitrophenol	7.32	139	160743	40.433	ng	# 82
27) 2,4-Dimethylphenol	7.39	122	264727	40.367	ng	98
28) bis(2-Chloroethoxy)methane	7.46	93	374159	41.495	ng	97
29) 2,4-Dichlorophenol	7.58	162	246215	43.581	ng	96
30) 1,2,4-Trichlorobenzene	7.65	180	221293	41.094	ng	98
31) Naphthalene	7.72	128	815489	41.796	ng	99
32) Benzoic acid	7.56	122	169545	34.622	ng	99
33) 4-Chloroaniline	7.79	127	105006	13.227	ng	97
34) Hexachlorobutadiene	7.84	225	116769	40.902	ng	97
35) Caprolactam	8.16	113	83061m	45.850	ng	
36) 4-Chloro-3-methylphenol	8.30	107	249164	40.425	ng	90
37) 2-Methylnaphthalene	8.41	142	540139	43.723	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	195012	45.183	ng	99
40) Hexachlorocyclopentadiene	8.56	237	62094	44.343	ng	100

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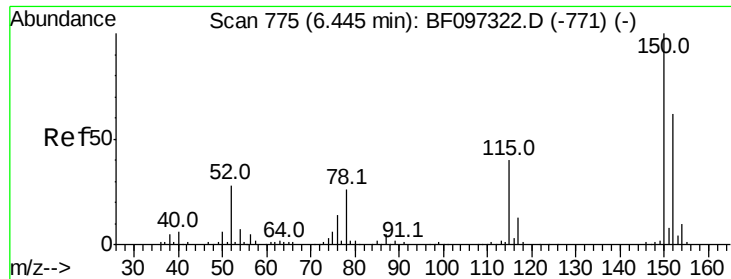
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	135614	43.359	nq	97
43) 2,4,5-Trichlorophenol	8.76	196	133410	42.615	nq	97
45) 1,1'-Biphenyl	8.87	154	598391	43.311	nq	98
46) 2-Chloronaphthalene	8.89	162	459017	45.147	nq	# 92
47) 2-Nitroaniline	9.00	65	172442	46.735	nq	98
48) Acenaphthylene	9.30	152	651996	41.779	nq	99
49) Dimethylphthalate	9.19	163	526113	42.831	nq	98
50) 2,6-Dinitrotoluene	9.25	165	110082	42.254	nq	# 79
51) Acenaphthene	9.47	154	383905	41.763	nq	97
52) 3-Nitroaniline	9.42	138	74408	23.010	nq	96
53) 2,4-Dinitrophenol	9.55	184	88752	74.925	nq	# 73
54) Dibenzofuran	9.65	168	571224	46.653	nq	95
55) 4-Nitrophenol	9.62	139	79897m	41.547	nq	
56) 2,4-Dinitrotoluene	9.66	165	144853	48.366	nq	# 75
57) Fluorene	9.99	166	416439	45.253	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	97530	45.120	nq	97
59) Diethylphthalate	9.88	149	507647	45.047	nq	98
60) 4-Chlorophenyl-phenylether	9.98	204	180681	47.546	nq	99
61) 4-Nitroaniline	10.03	138	113069	36.799	nq	93
62) Azobenzene	10.15	77	511677	48.944	nq	90
64) 4,6-Dinitro-2-methylphenol	10.07	198	66905	44.085	nq	# 82
65) n-Nitrosodiphenylamine	10.11	169	418473	49.245	nq	96
66) 4-Bromophenyl-phenylether	10.47	248	111808	45.873	nq	96
67) Hexachlorobenzene	10.54	284	114530	41.903	nq	94
68) Atrazine	10.65	200	113225	46.465	nq	95
69) Pentachlorophenol	10.74	266	69603	61.547	nq	98
70) Phenanthrene	10.94	178	582825	44.538	nq	98
71) Anthracene	10.99	178	579221	43.216	nq	98
72) Carbazole	11.15	167	549327	41.674	nq	98
73) Di-n-butylphthalate	11.49	149	749713	46.012	nq	98
74) Fluoranthene	12.12	202	495035	38.615	nq	98
76) Benzidine	12.24	184	113003	21.258	nq	# 93
77) Pyrene	12.34	202	479835	40.912	nq	98
79) Butylbenzylphthalate	12.97	149	261126	43.770	nq	# 77
80) Benzo(a)anthracene	13.53	228	398586	42.999	nq	98
81) 3,3'-Dichlorobenzidine	13.49	252	107269	30.687	nq	# 95
82) Chrysene	13.56	228	390575	43.150	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	352103	45.203	nq	98
84) Di-n-octyl phthalate	14.14	149	600784	42.029	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.07	276	395752	50.989	nq	98
87) Benzo(b)fluoranthene	14.53	252	410022	37.268	nq	98
88) Benzo(k)fluoranthene	14.55	252	342686m	32.687	nq	
89) Benzo(a)pyrene	14.82	252	398145	39.540	nq	98
90) Dibenzo(a,h)anthracene	16.07	278	335175	40.591	nq	97
91) Benzo(g,h,i)perylene	16.42	276	359896	41.562	nq	97

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



#1

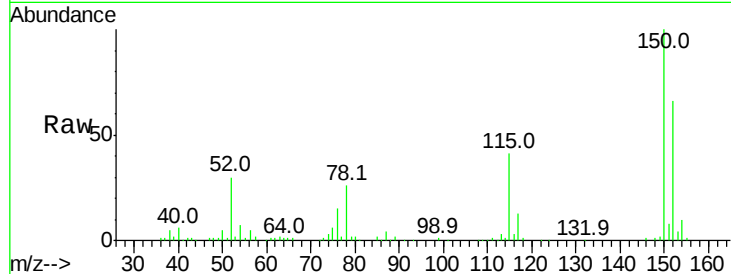
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

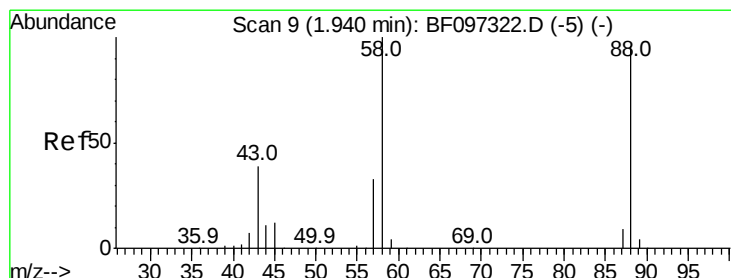
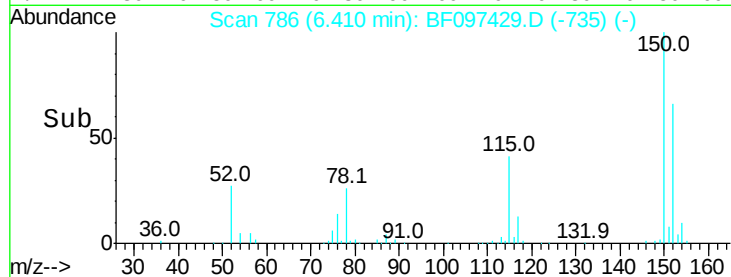
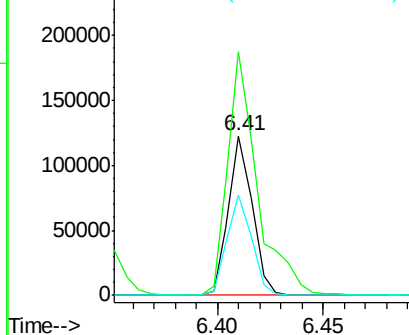
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.2	189.2
115	63.1	52.2	78.2

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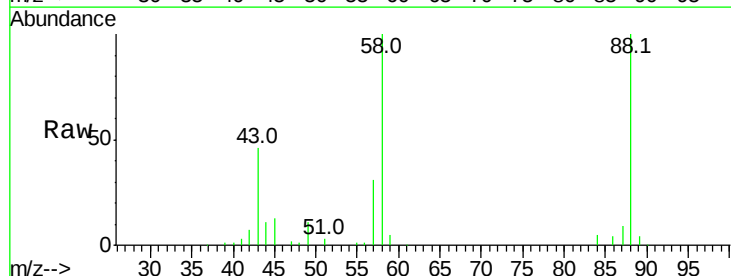
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



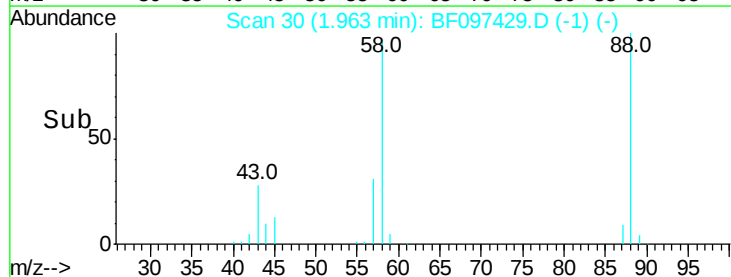
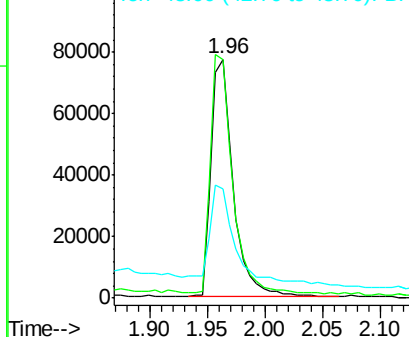
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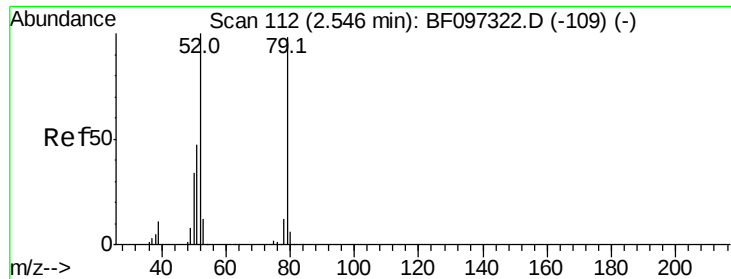
1,4-Dioxane
Concen: 38.922 ng
RT: 1.96 min Scan# 30
Delta R.T. 0.06 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.4	61.4	92.0#
43	54.3	23.4	35.0#



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





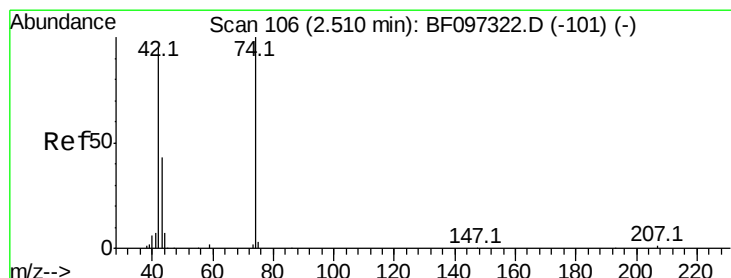
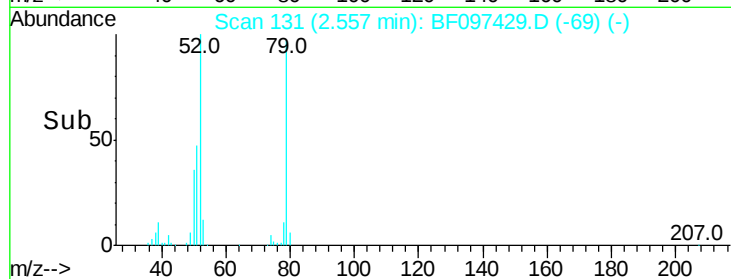
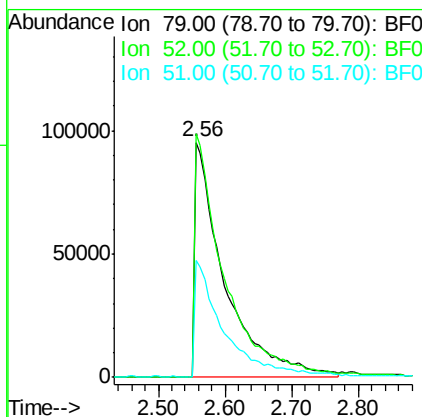
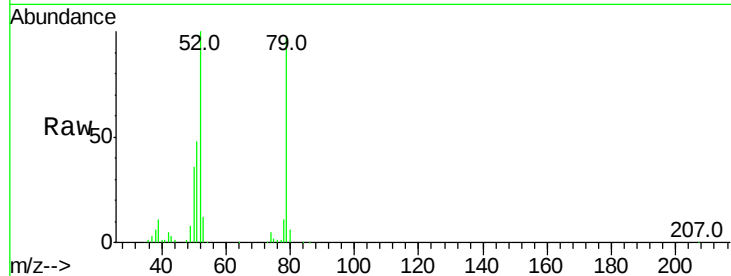
#3
 Pvrindine
 Concen: 35.877 ng
 RT: 2.56 min Scan# 131
 Delta R.T. 0.06 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.5	54.8	82.2#
51	49.7	27.0	40.4#

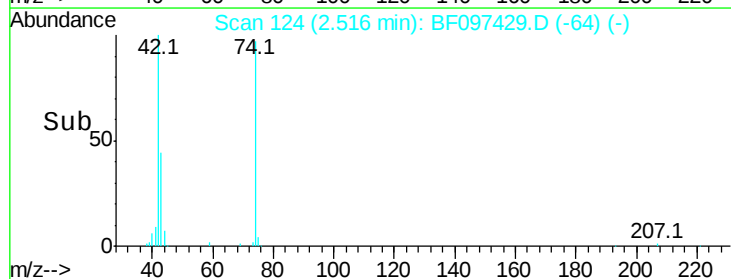
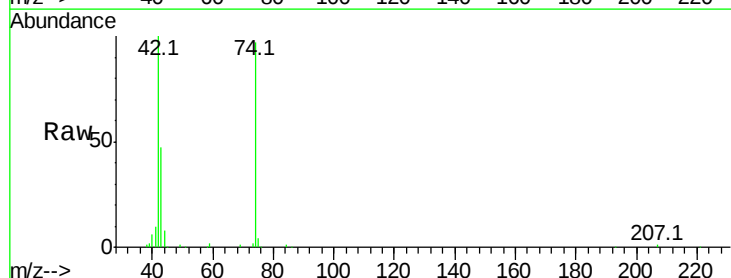
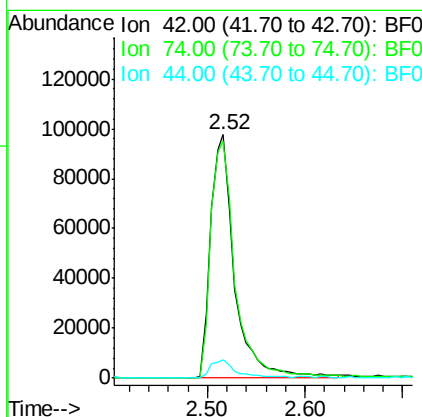
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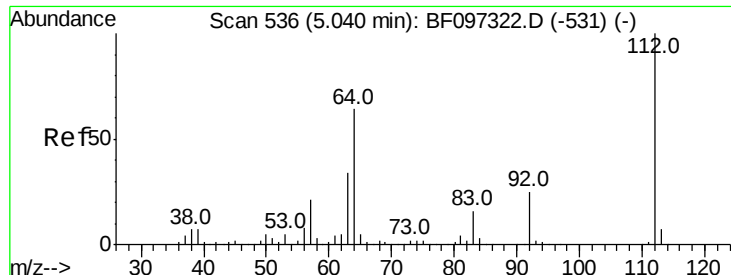
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#4
 n-Nitrosodimethylamine
 Concen: 37.076 ng
 RT: 2.52 min Scan# 124
 Delta R.T. 0.05 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.3	103.9	155.9#
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 128.564 ng

RT: 5.02 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

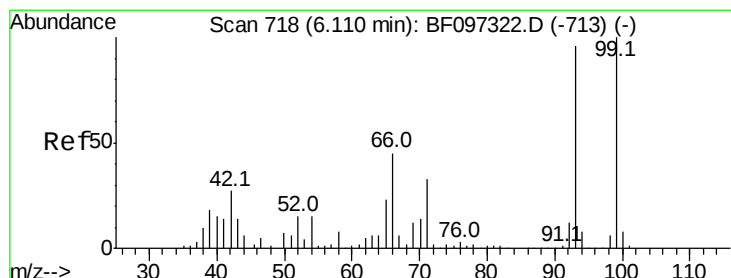
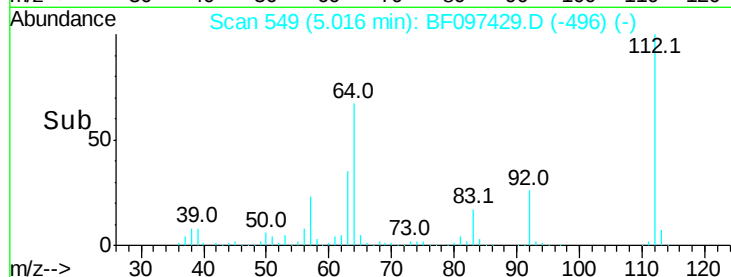
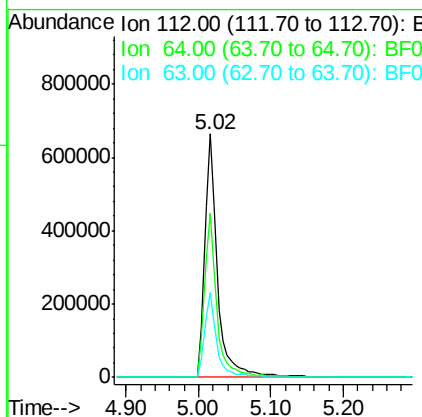
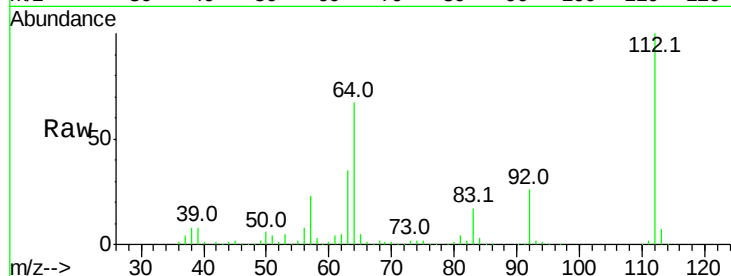
ClientSampleId :

PB101306BS

Tot Ion:	112	Resp:	817228
Ion Ratio	Lower	Upper	
112	100		
64	67.4	46.0	69.0
63	34.9	23.4	35.0

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#6

Aniline

Concen: 18.629 ng

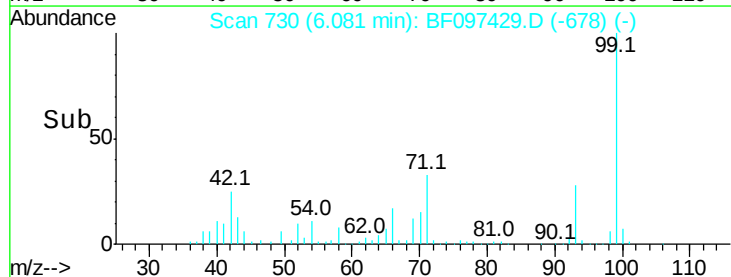
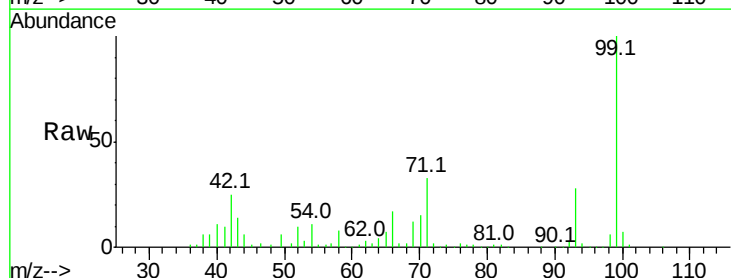
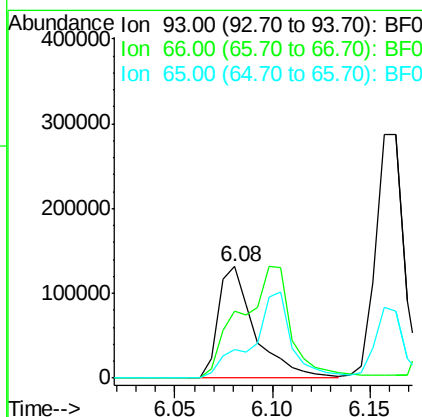
RT: 6.08 min Scan# 730

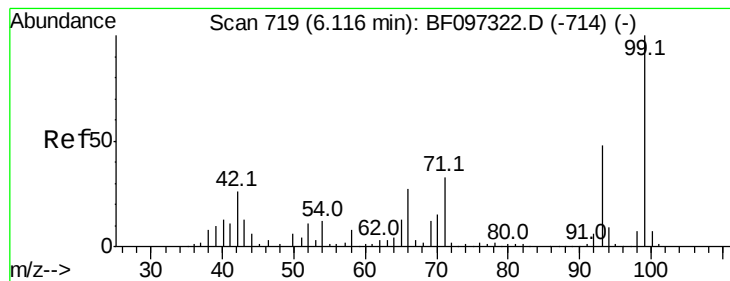
Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	93	Resp:	170115
Ion Ratio	Lower	Upper	
93	100		
66	60.6	32.9	49.3#
65	25.1	16.0	24.0#





#7

Phenol-d6

Concen: 127.419 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

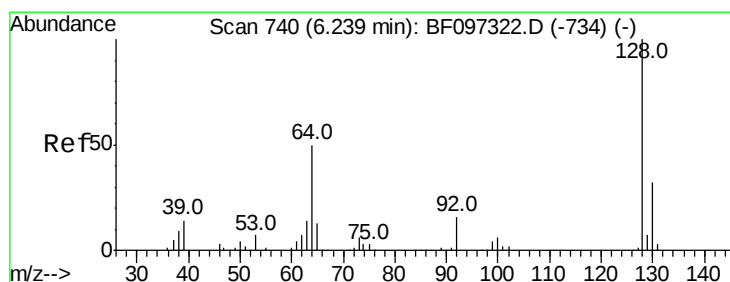
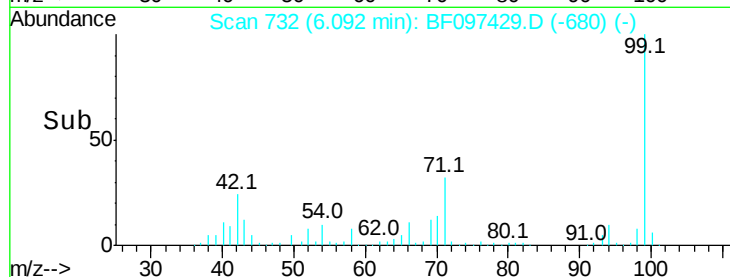
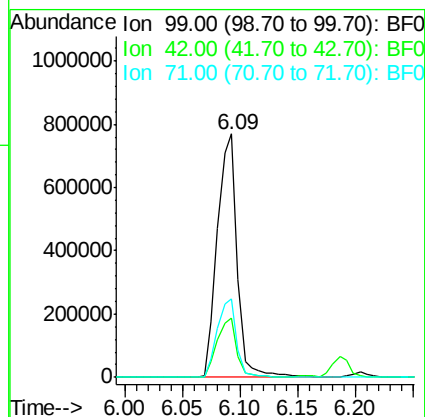
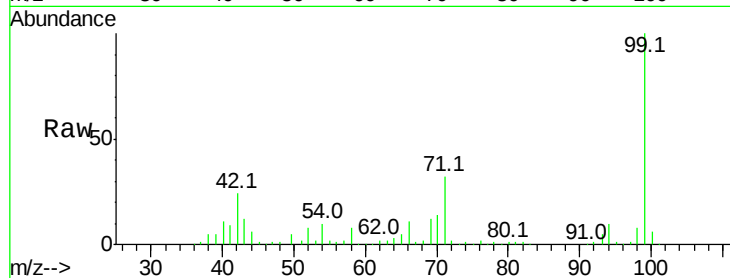
ClientSampled :

PB101306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		924656		
42	24.1	13.5	20.3#		
71	32.0	24.5	36.7		

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#8

2-Chlorophenol

Concen: 42.462 ng

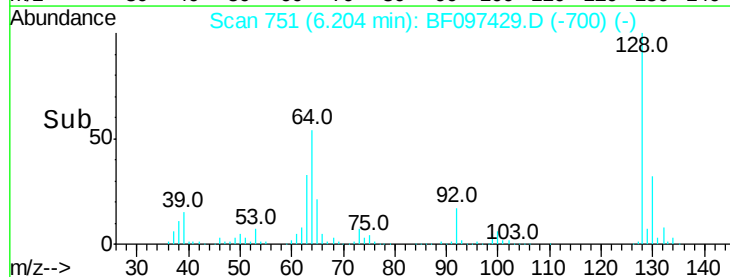
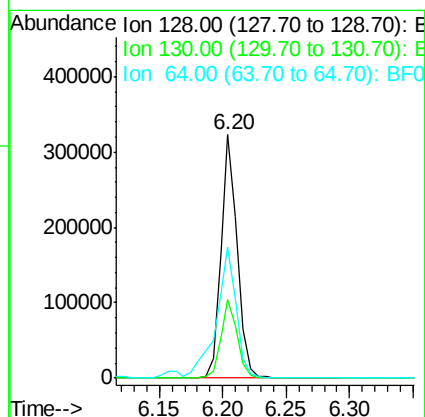
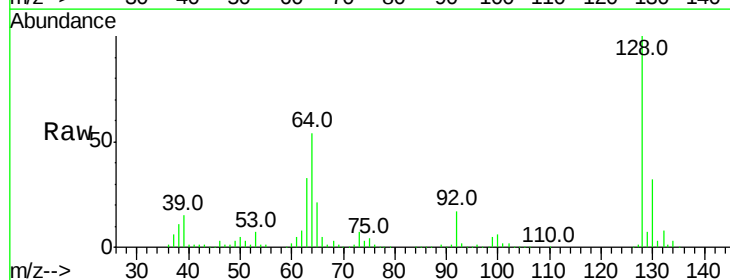
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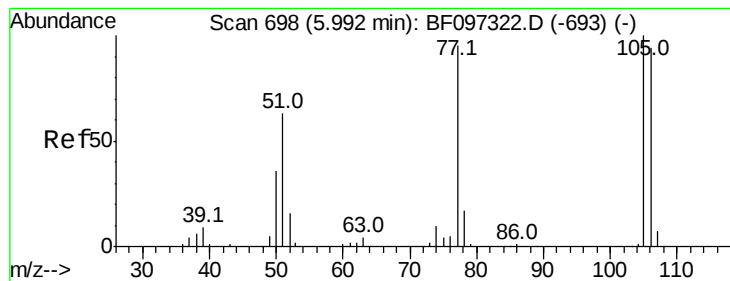
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		288616		
130	32.0	12.9	52.9		
64	54.0	28.4	68.4		





#9

Benzaldehyde

Concen: 37.206 ng

RT: 5.96 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

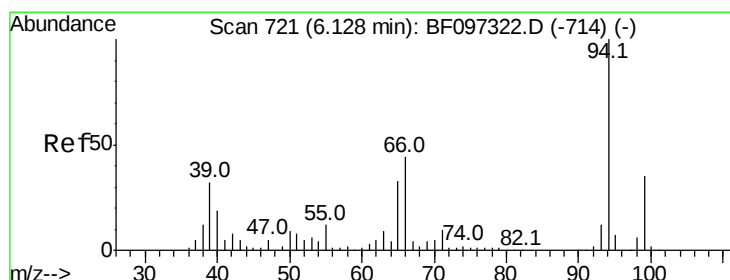
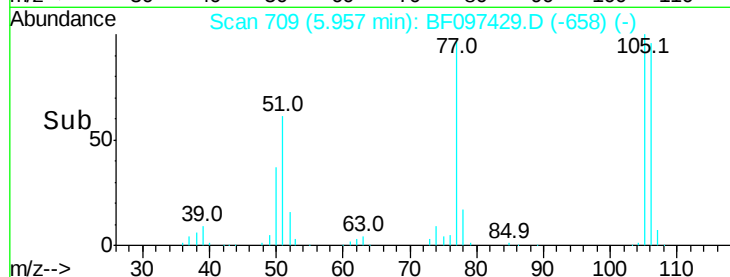
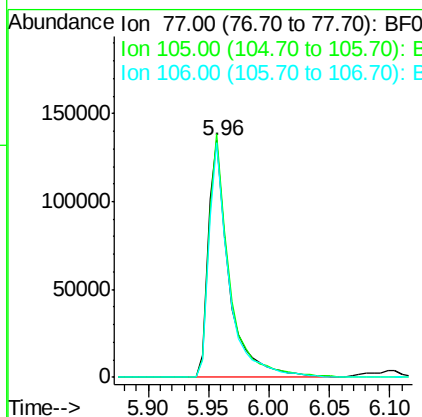
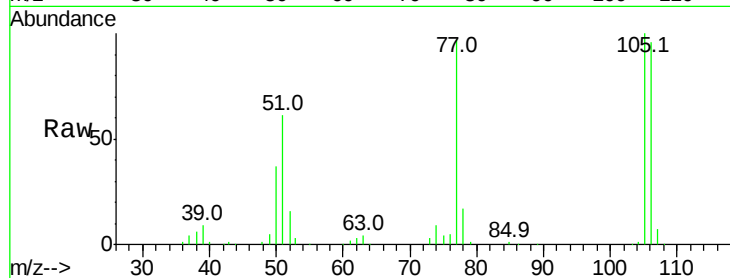
ClientSampleId :

PB101306BS

Tot Ion:	77	Resp:	159815
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.8	123.8
106	98.9	79.1	119.1

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#10

Phenol

Concen: 41.402 ng

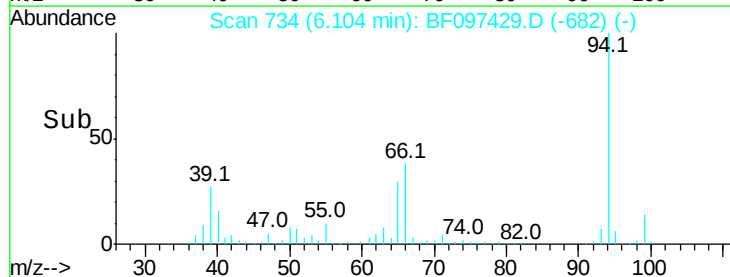
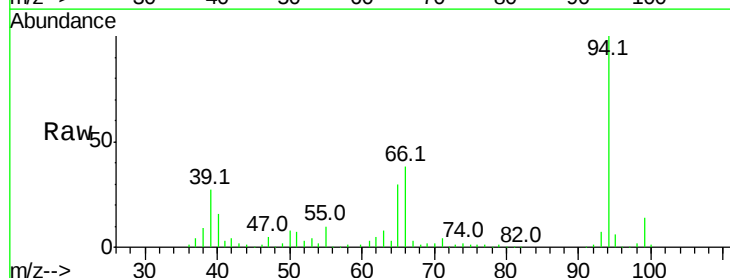
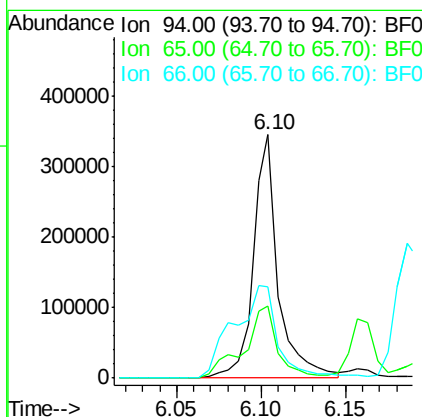
RT: 6.10 min Scan# 734

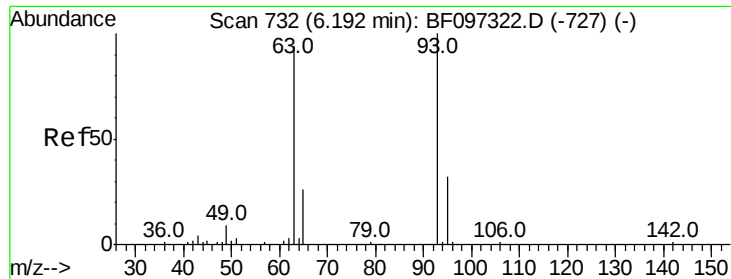
Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	94	Resp:	356371
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	37.8	23.1	63.1





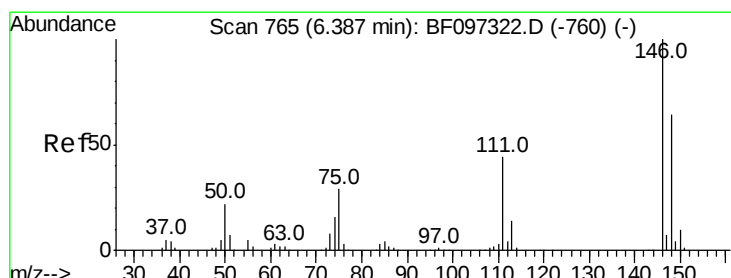
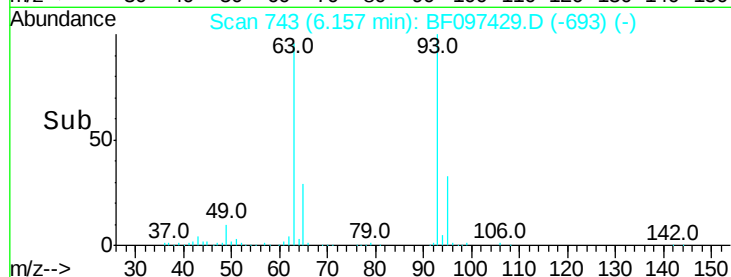
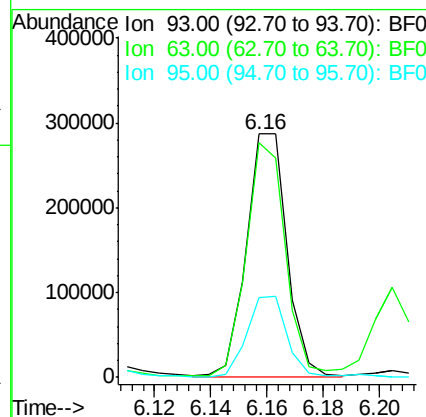
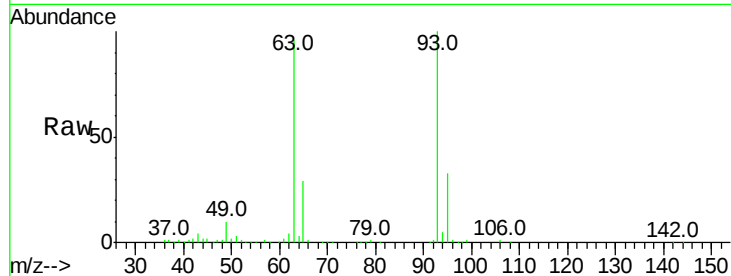
#11
bis(2-Chloroethyl)ether
Concen: 42.388 ng
RT: 6.16 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	288576		
63	96.1	59.2	99.2	
95	33.0	12.8	52.8	

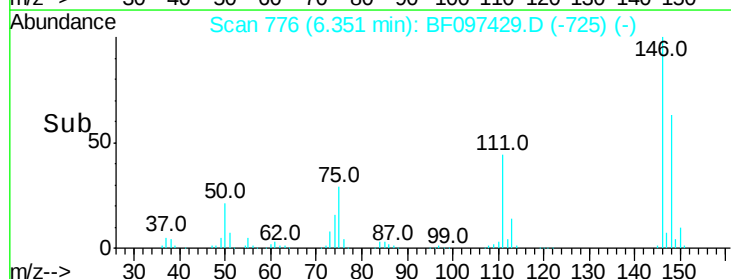
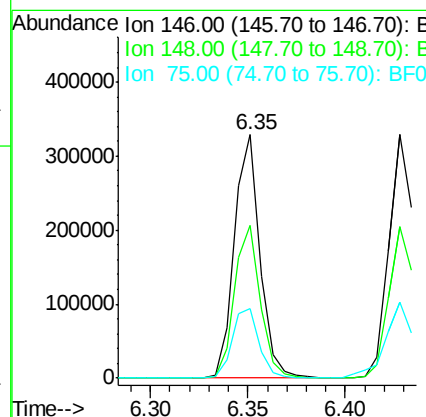
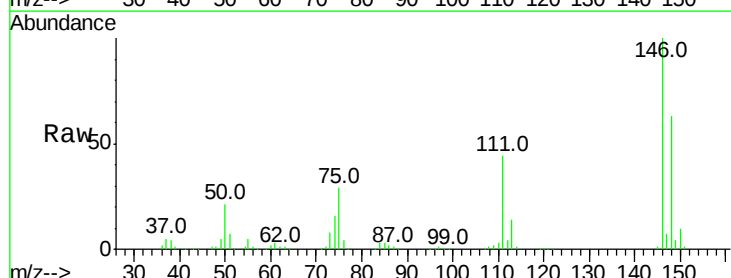
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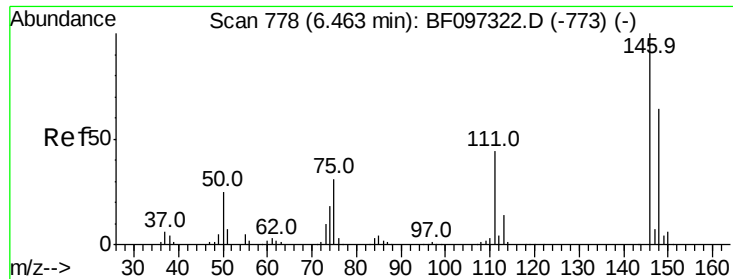
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.890 ng
RT: 6.35 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	299518		
148	63.0	51.8	77.6	
75	28.8	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 42.173 ng

RT: 6.43 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

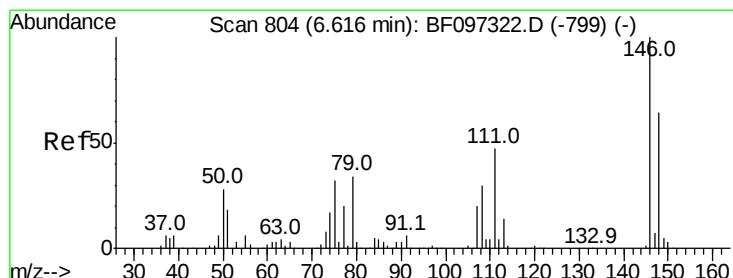
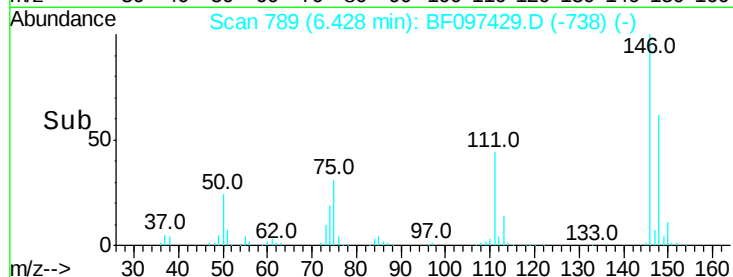
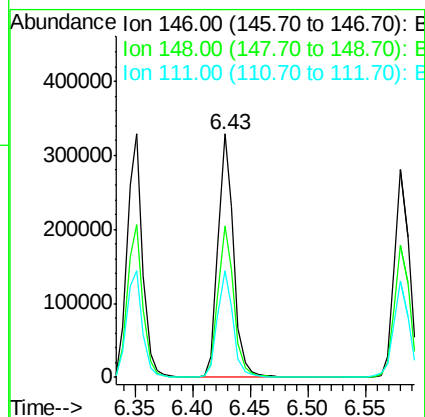
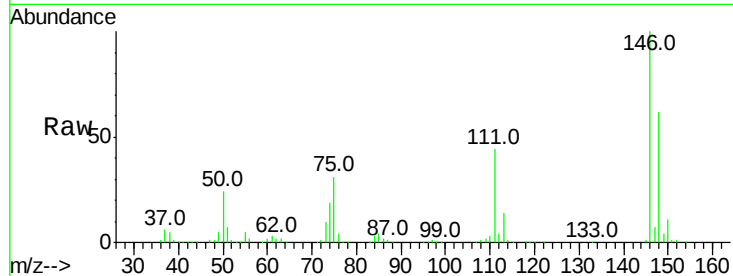
ClientSampleId :

PB101306BS

Tot Ion:	146	Resp:	306141
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.2	78.2
111	43.6	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.049 ng

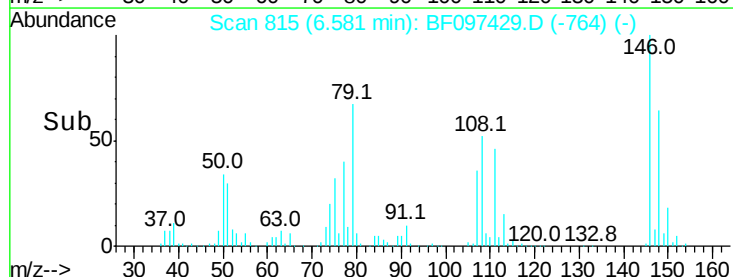
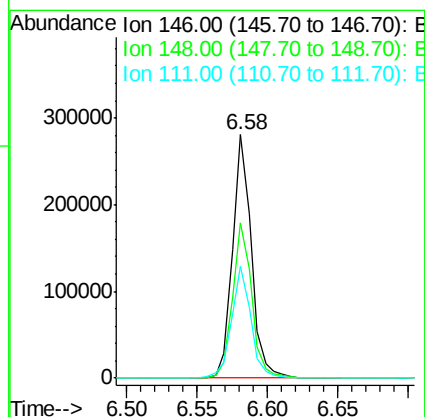
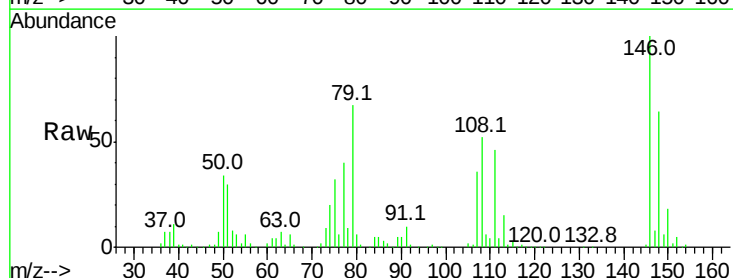
RT: 6.58 min Scan# 815

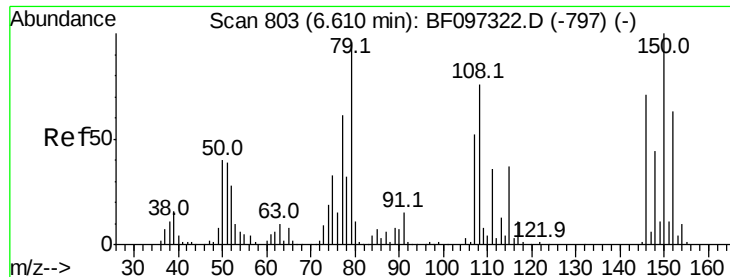
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	146	Resp:	260175
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
111	46.1	38.2	57.4





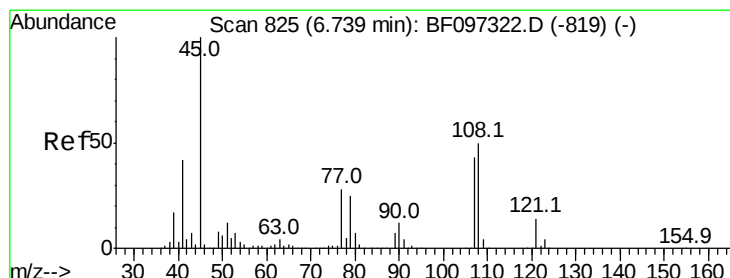
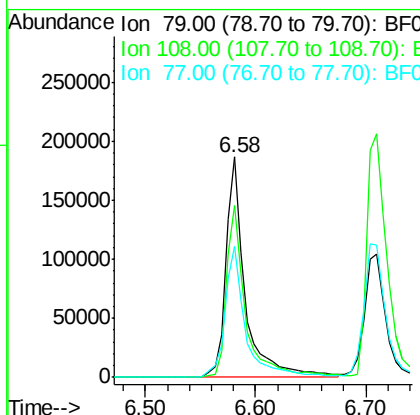
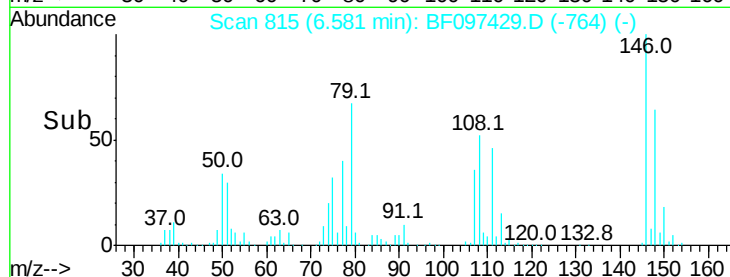
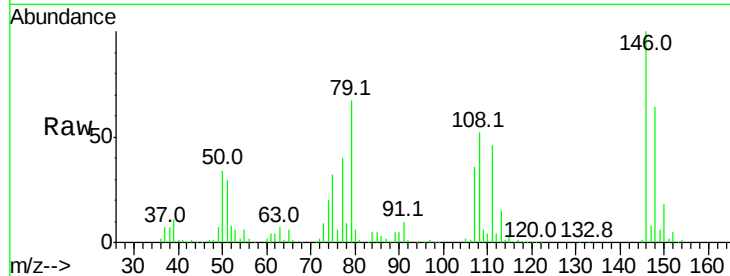
#15
Benzyl Alcohol
Concen: 50.119 ng
RT: 6.58 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampled :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	230270		
108	78.2	63.4	95.0	
77	59.6	49.2	73.8	

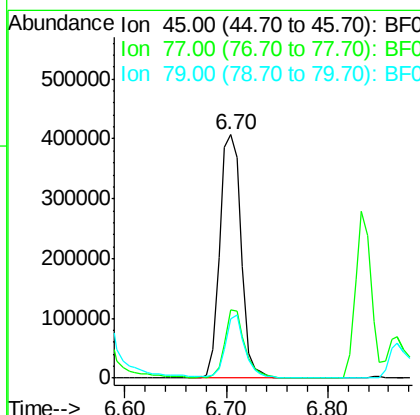
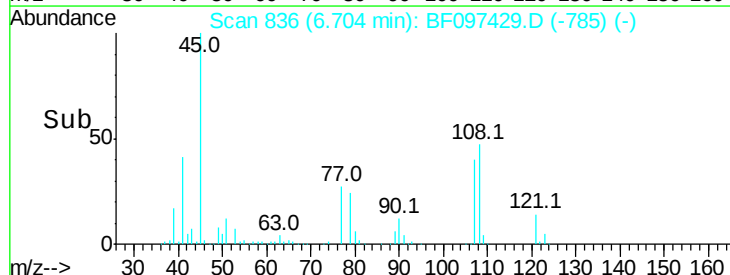
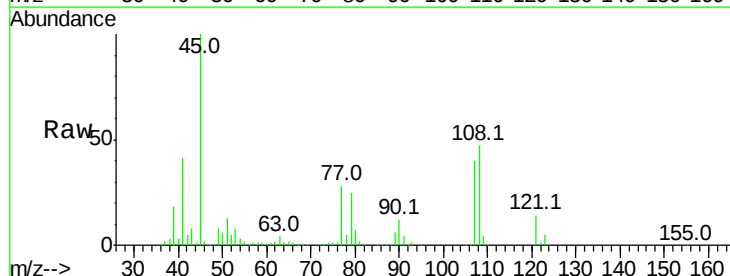
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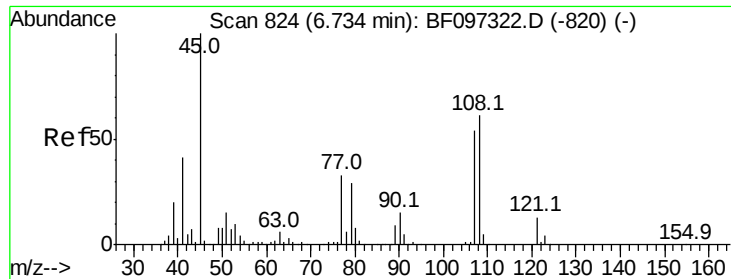
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.521 ng
RT: 6.70 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	594264		
77	27.9	0.0	33.2	
79	24.6	0.0	30.0	





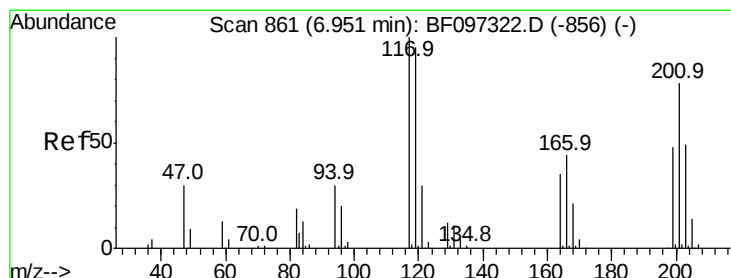
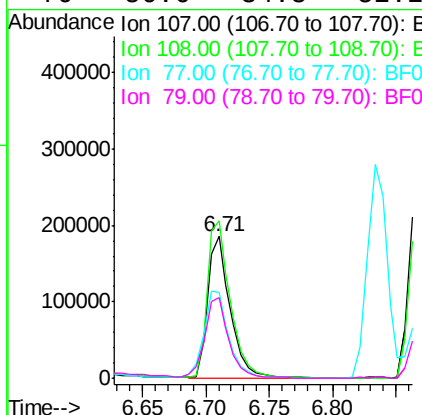
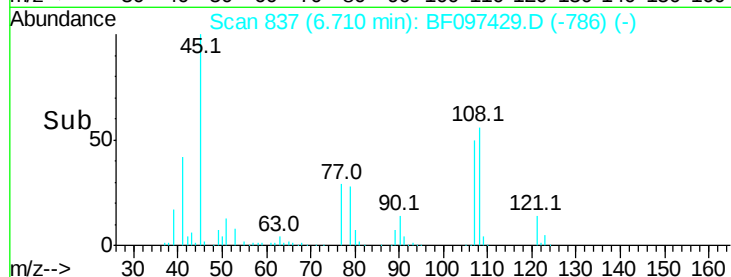
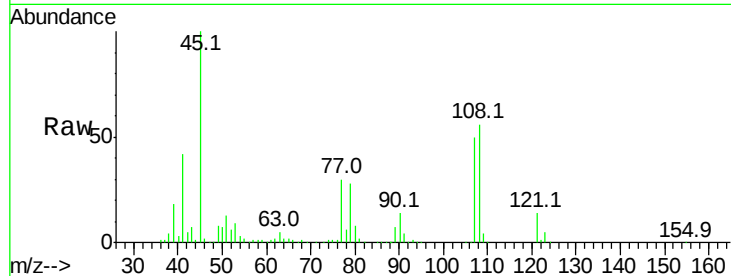
#17
2-Methylphenol
Concen: 43.777 ng
RT: 6.71 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	93.4	140.0	
77	60.4	35.8	53.6#	
79	56.6	34.8	52.2#	

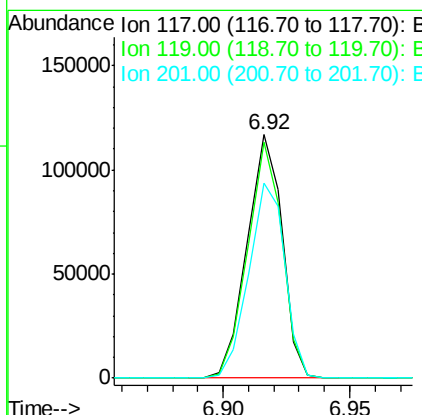
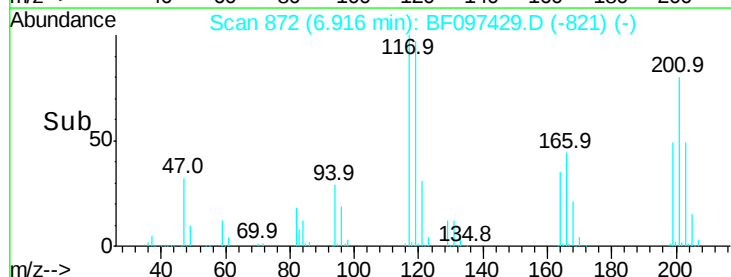
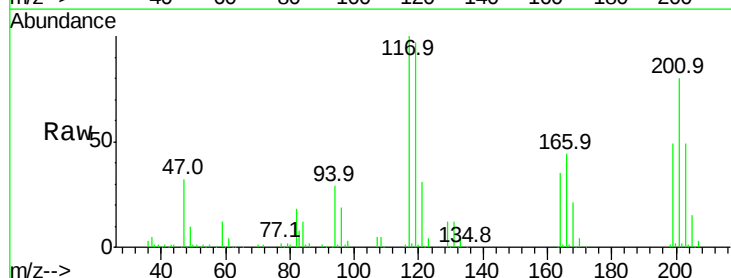
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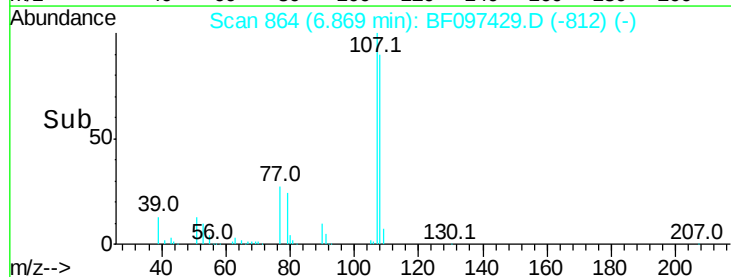
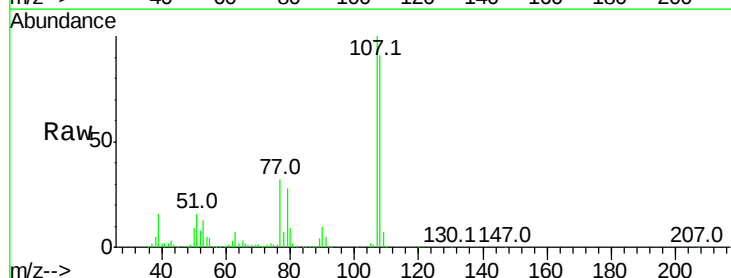
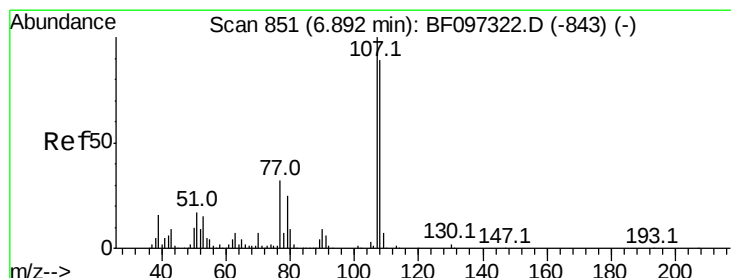
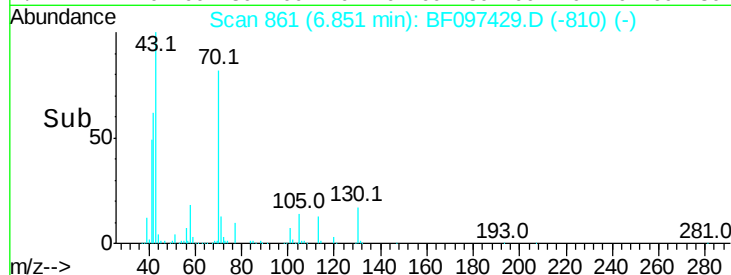
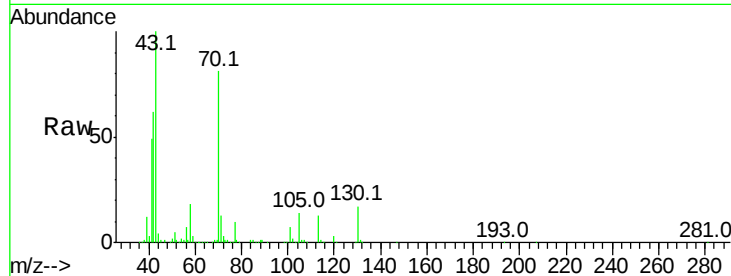
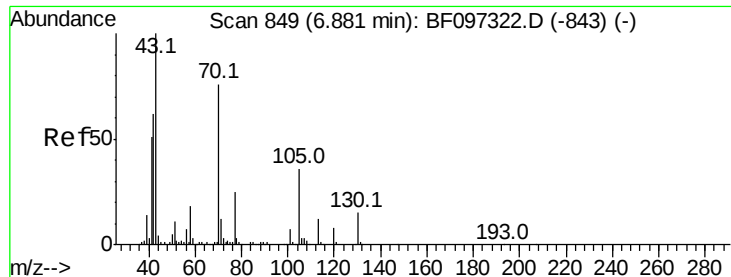
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#18
Hexachloroethane
Concen: 42.558 ng
RT: 6.92 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.4	116.0	
201	80.2	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 44.779 ng

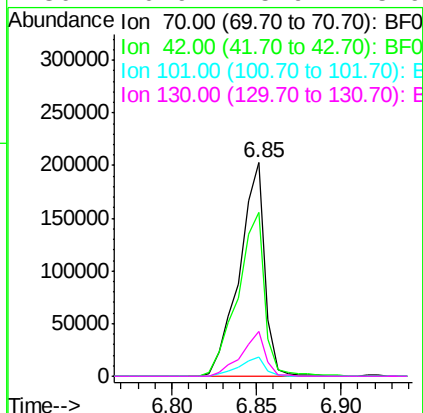
RT: 6.85 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.8	47.2	70.8#		
101	8.9	7.2	10.8		
130	20.9	15.9	23.9		



Instrument :

BNA_F

ClientSampleId :

PB101306BS

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#20

3+4-Methylphenols

Concen: 47.226 ng

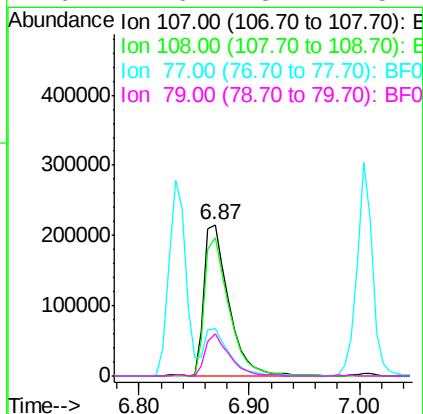
RT: 6.87 min Scan# 864

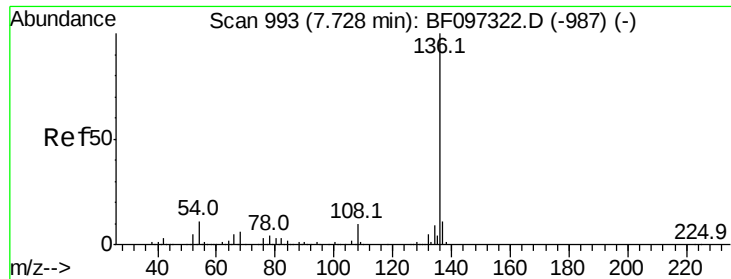
Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.4	71.0	111.0		
77	31.6	90.5	130.5#		
79	27.6	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.70 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

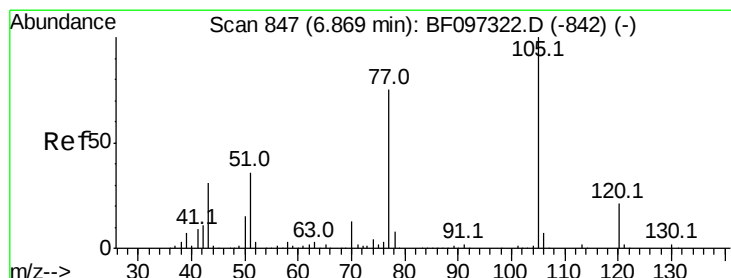
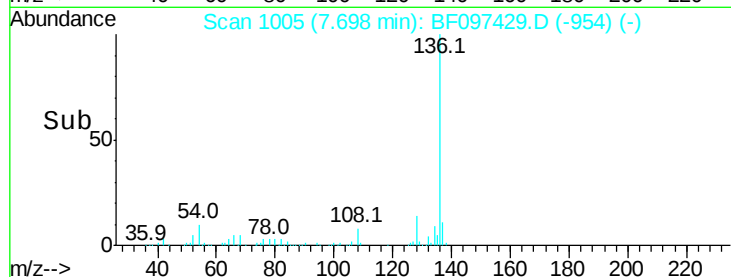
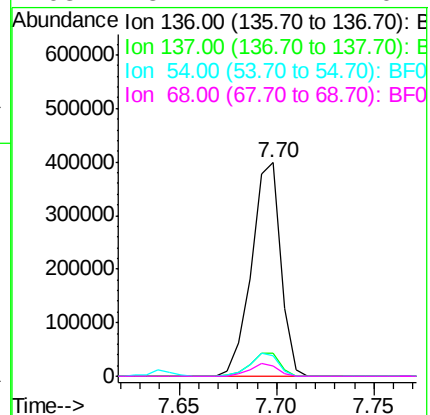
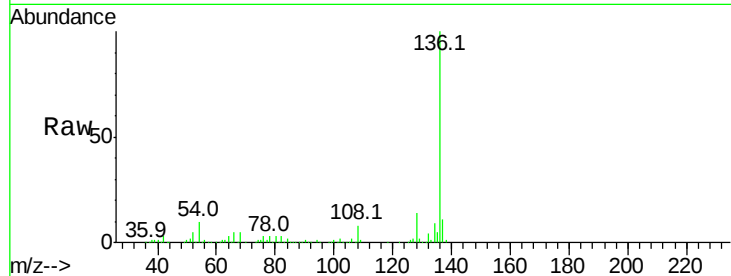
ClientSampleId :

PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	9.6	4.9	7.3	
68	5.1	4.1	6.1	

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#22

Acetophenone

Concen: 40.452 ng

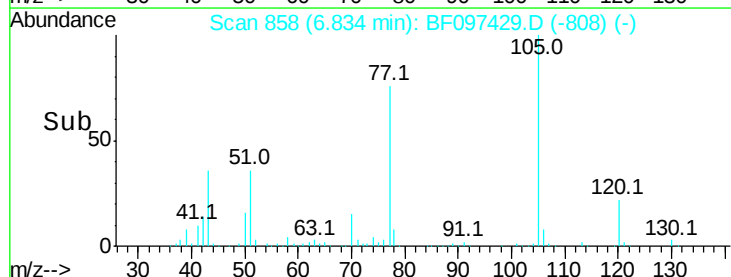
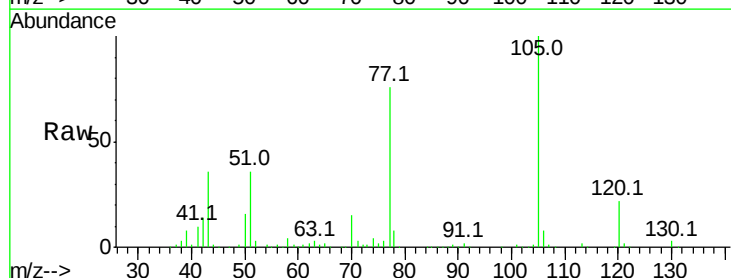
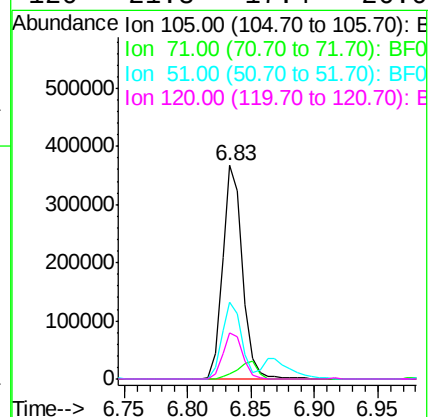
RT: 6.83 min Scan# 858

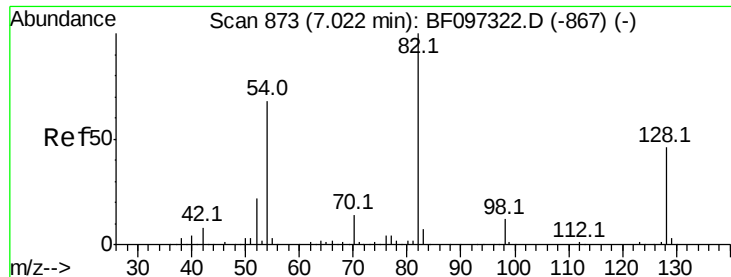
Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	2.8	4.2	
51	36.0	30.7	46.1	
120	21.8	17.4	26.0	





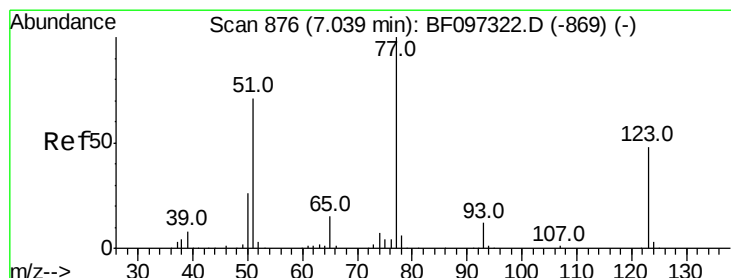
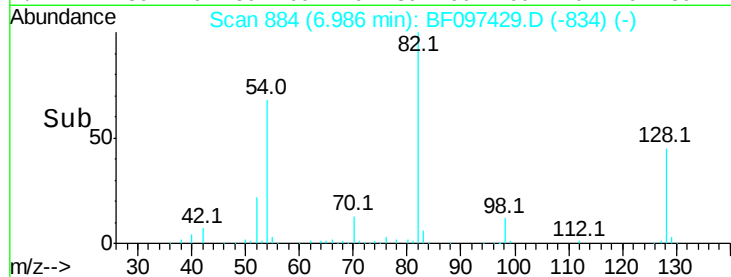
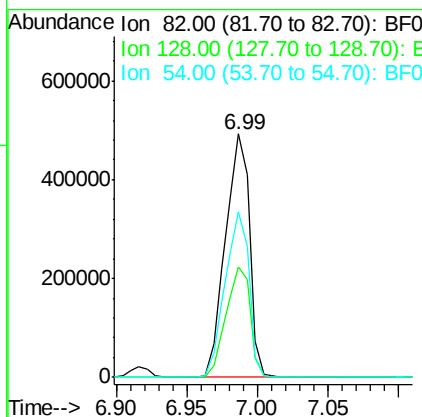
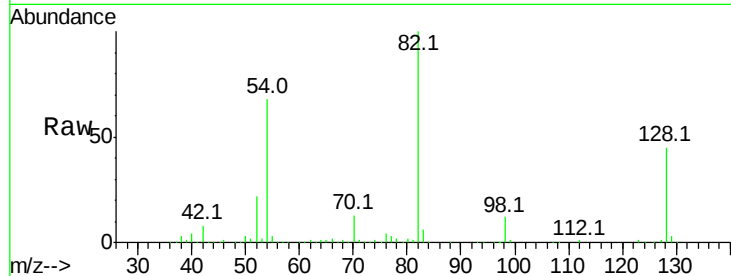
#23
 Nitrobenzene-d5
 Concen: 82.753 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:	82	Resp:	583869
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.0	51.0
54	67.8	42.2	63.2#

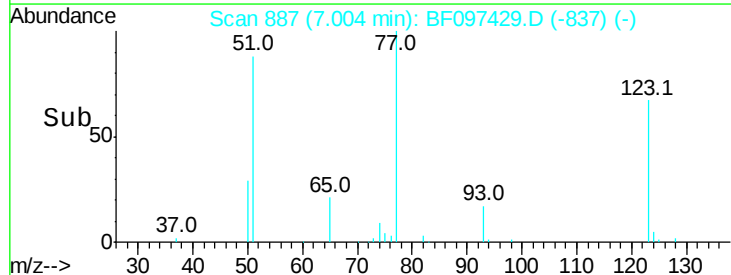
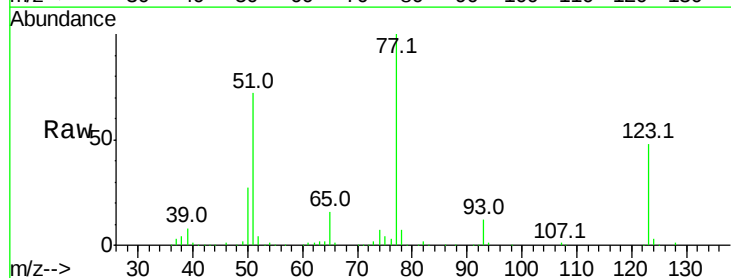
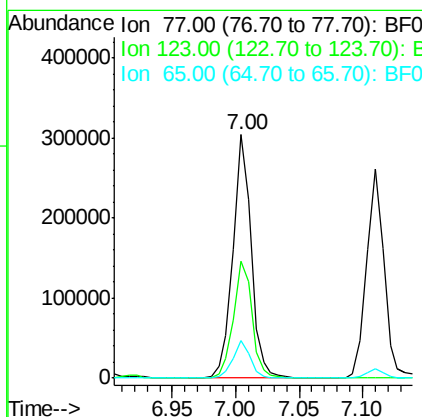
Manual Integrations
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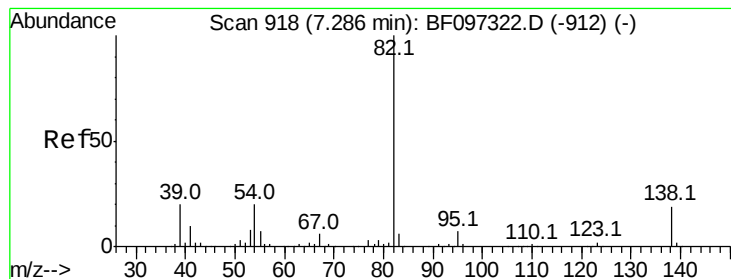
Sohil
 8/9/2017 7:55:49 PM



#24
 Nitrobenzene
 Concen: 41.048 ng
 RT: 7.00 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:	77	Resp:	301631
Ion Ratio	Lower	Upper	
77	100		
123	47.8	35.8	53.8
65	15.6	10.6	15.8





#25

Isophorone

Concen: 40.193 ng

RT: 7.25 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

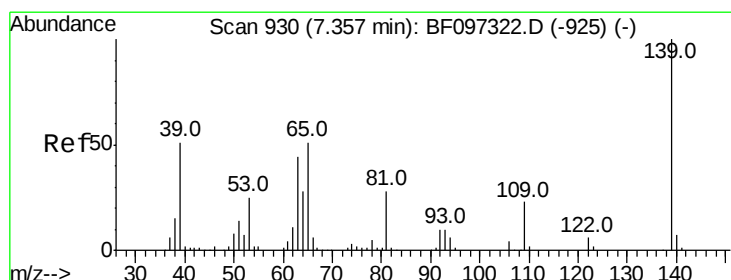
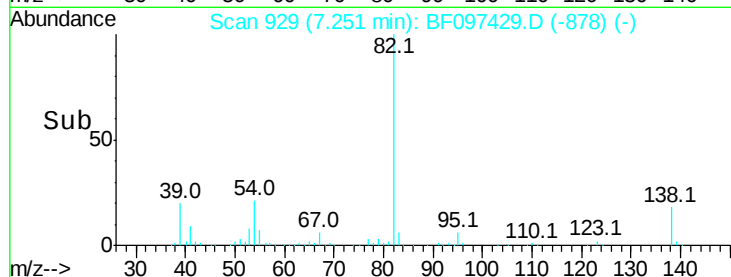
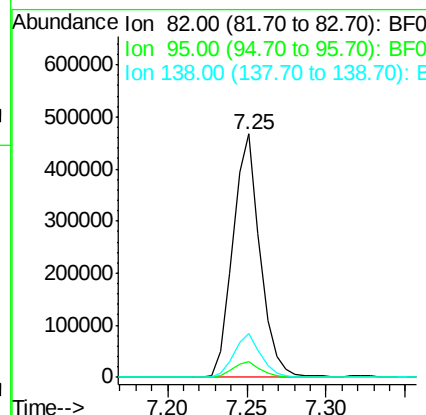
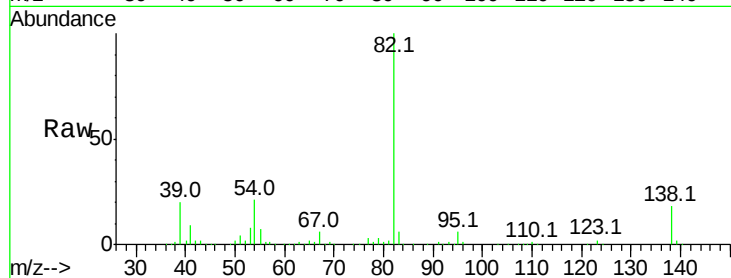
ClientSampleId :

PB101306BS

Tot Ion:	82	Resp:	555360
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	18.3	13.1	19.7

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#26

2-Nitrophenol

Concen: 40.433 ng

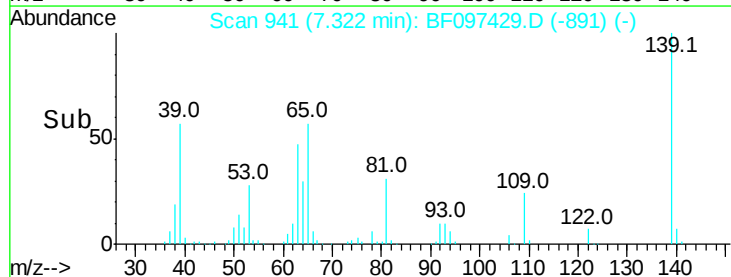
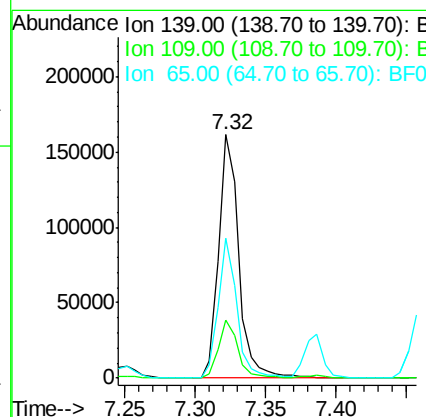
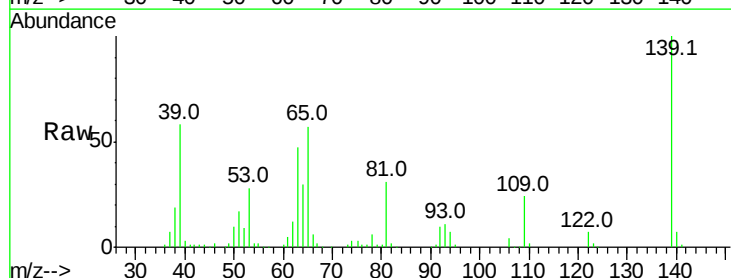
RT: 7.32 min Scan# 941

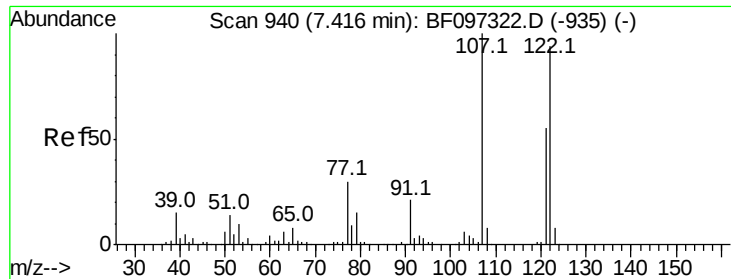
Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	139	Resp:	160743
Ion Ratio	Lower	Upper	
139	100		
109	23.7	21.0	31.6
65	57.5	33.0	49.6





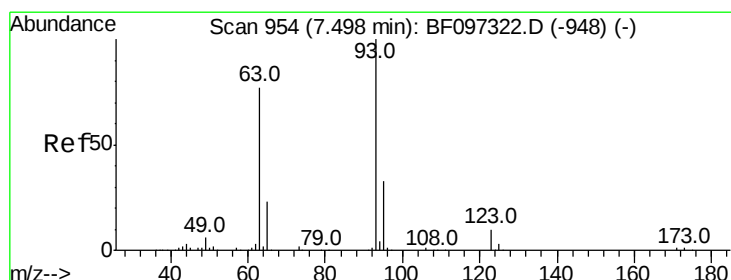
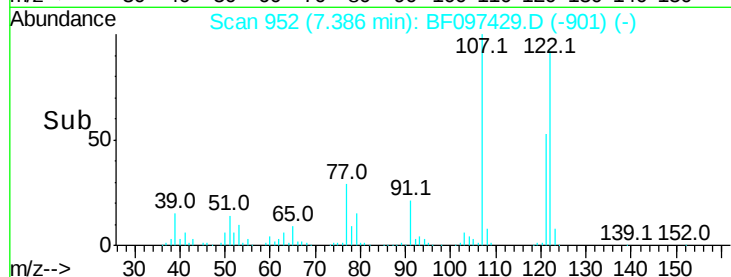
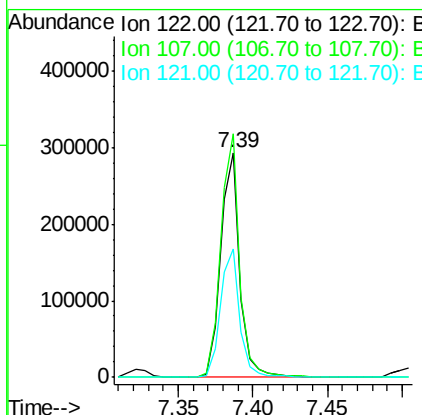
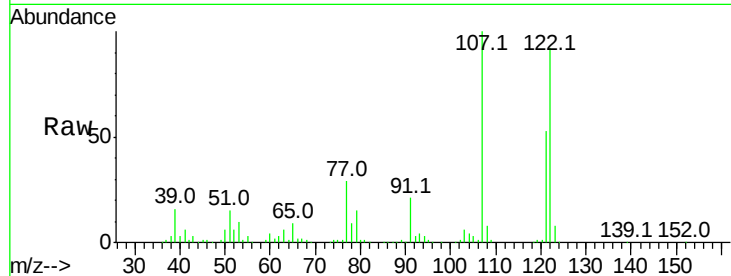
#27
2,4-Dimethylphenol
Concen: 40.367 ng
RT: 7.39 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	89.2	133.8
121	57.4	45.2	67.8

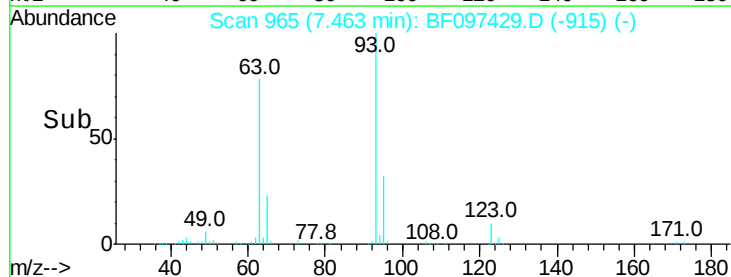
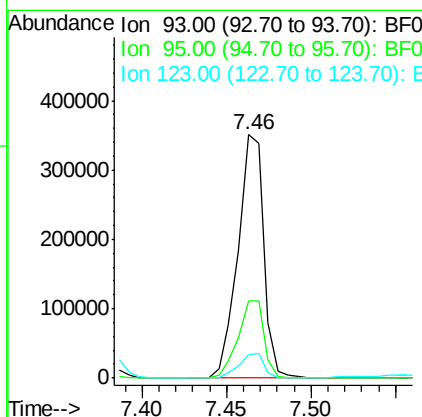
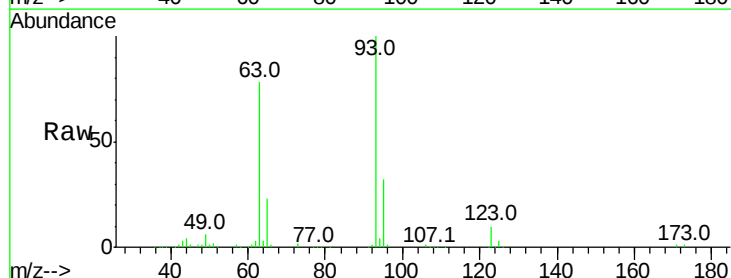
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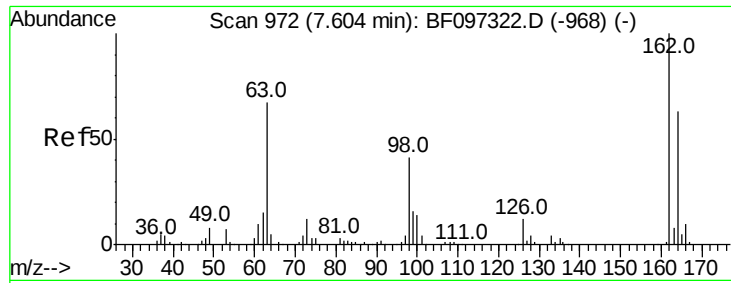
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#28
bis(2-Chloroethoxy)methane
Concen: 41.495 ng
RT: 7.46 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	9.7	9.0	13.4





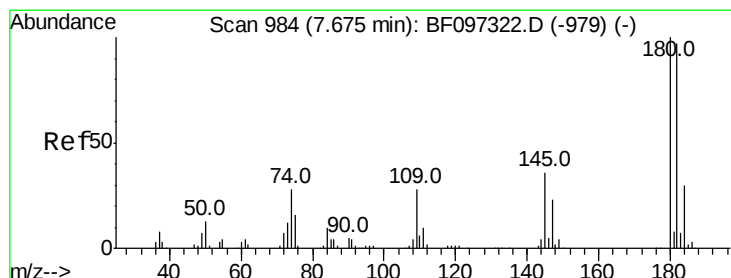
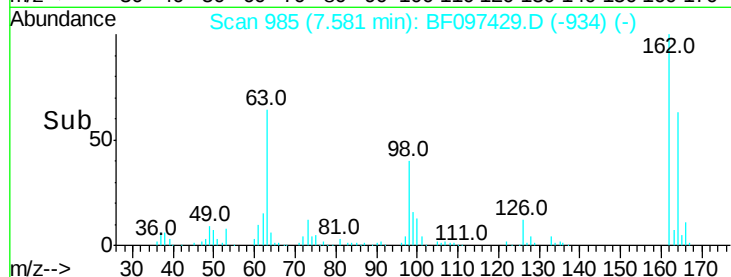
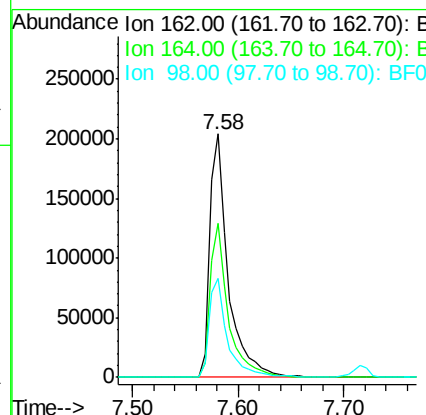
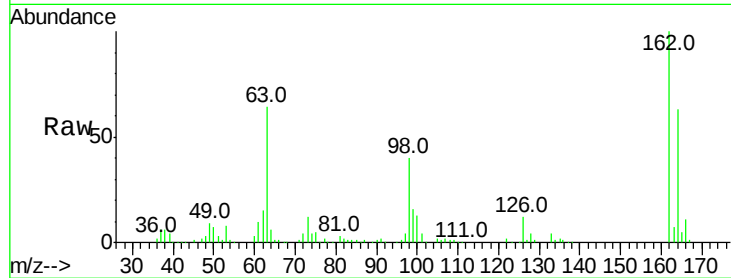
#29
 2,4-Dichlorophenol
 Concen: 43.581 ng
 RT: 7.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	246215		
164	63.5	44.6	84.6	
98	40.4	14.8	54.8	

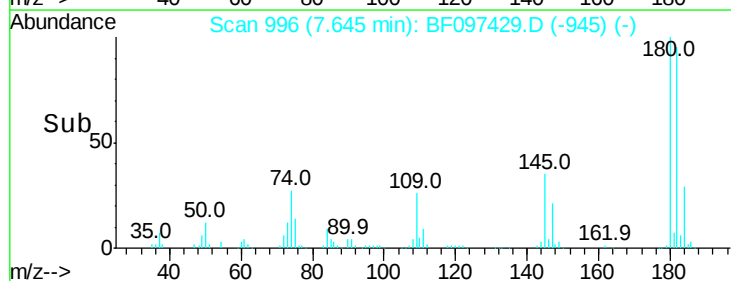
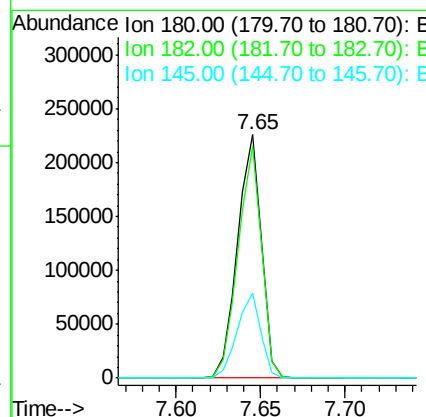
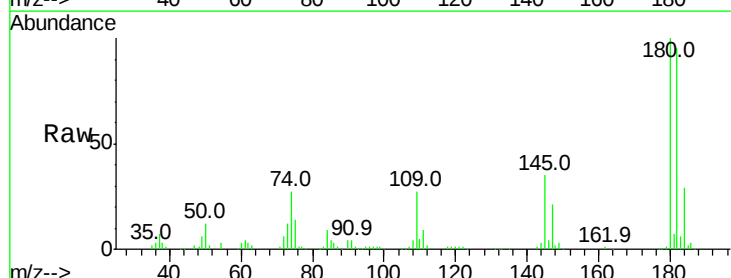
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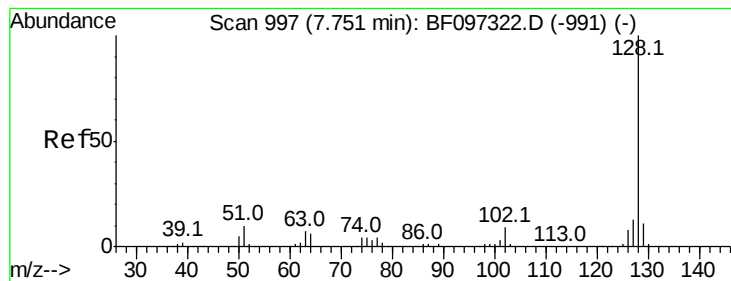
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.094 ng
 RT: 7.65 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	221293		
182	95.3	75.8	113.6	
145	34.9	25.3	37.9	





#31

Naphthalene

Concen: 41.796 ng

RT: 7.72 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

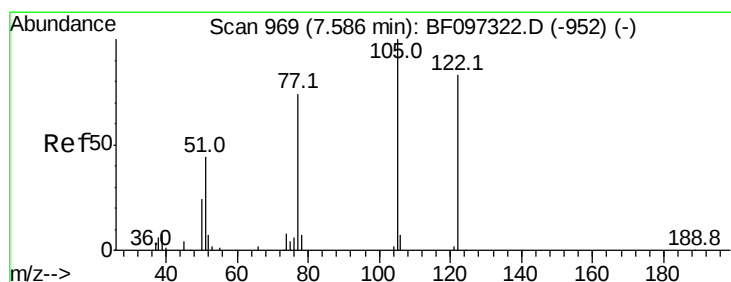
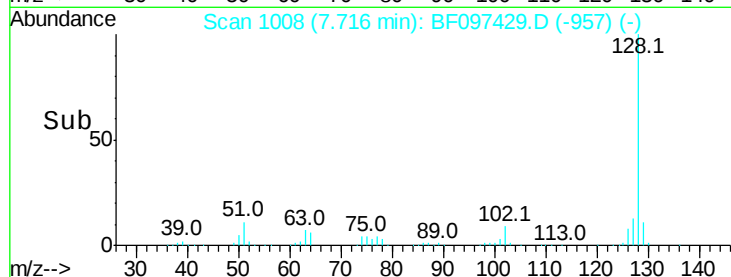
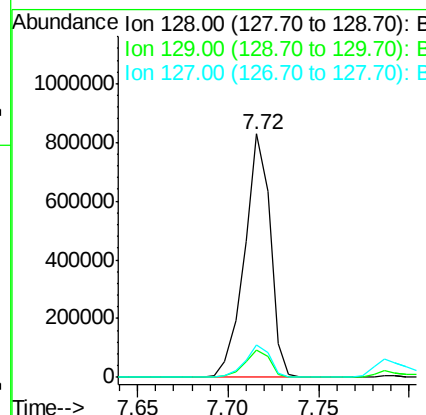
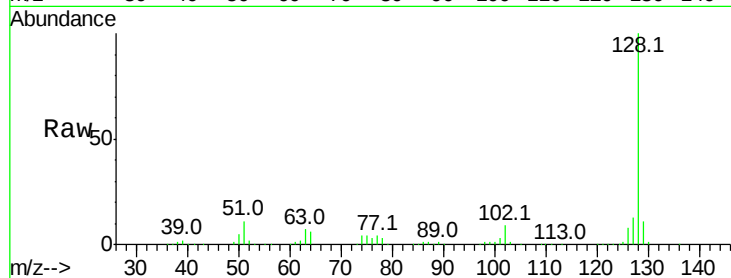
ClientSampled :

PB101306BS

Tot Ion:	128	Resp:	815489
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.1	10.8	16.2

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#32

Benzoic acid

Concen: 34.622 ng

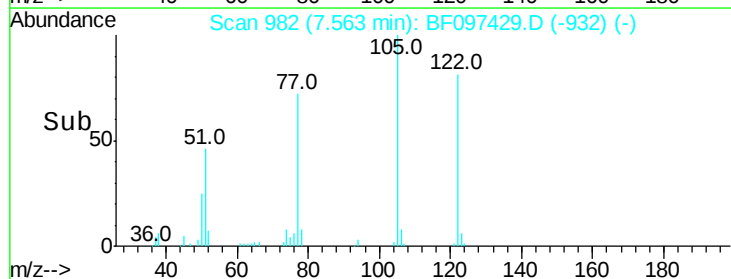
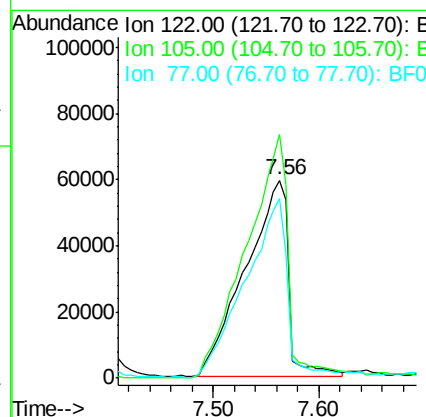
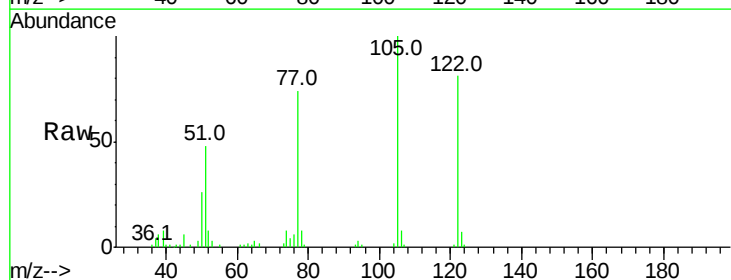
RT: 7.56 min Scan# 982

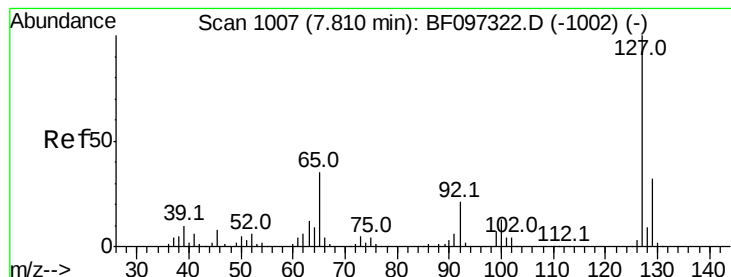
Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	122	Resp:	169545
Ion Ratio	Lower	Upper	
122	100		
105	123.0	103.3	143.3
77	91.0	73.7	113.7





#33

4-Chloroaniline

Concen: 13.227 ng

RT: 7.79 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

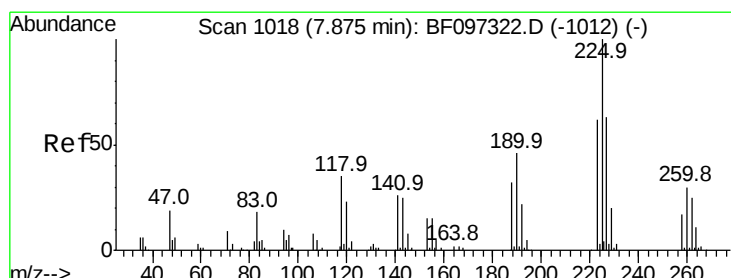
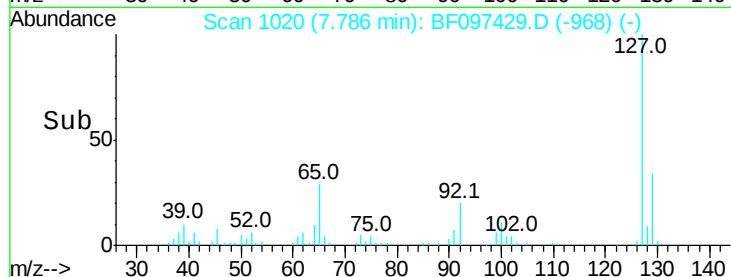
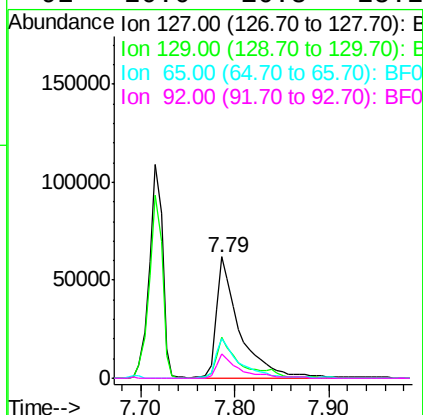
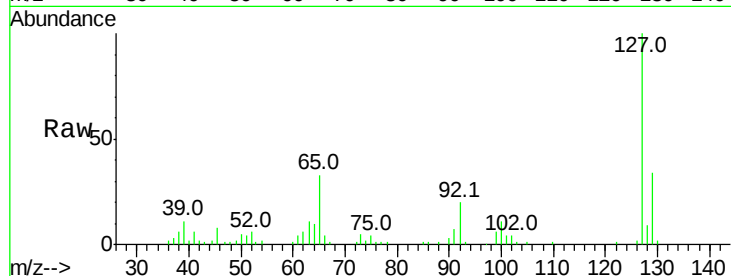
ClientSampleId :

PB101306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	26.2	39.2		
65	32.5	27.8	41.8		
92	20.0	16.8	25.2		

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#34

Hexachlorobutadiene

Concen: 40.902 ng

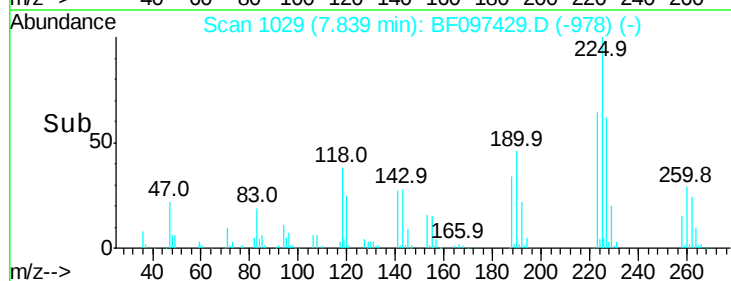
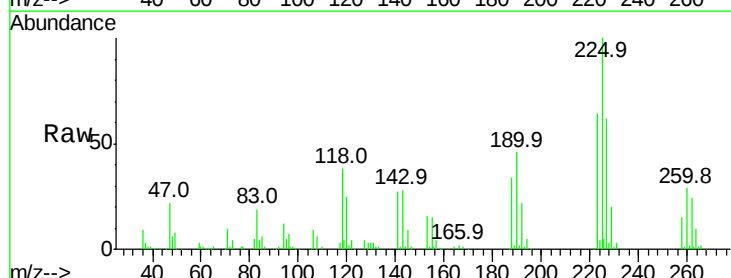
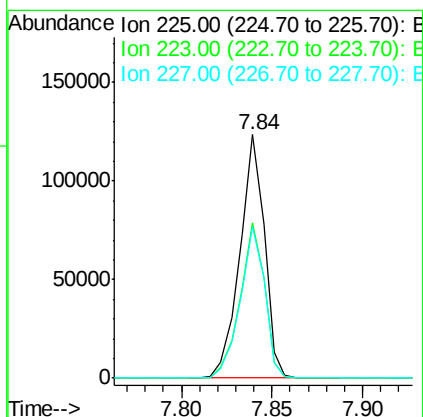
RT: 7.84 min Scan# 1029

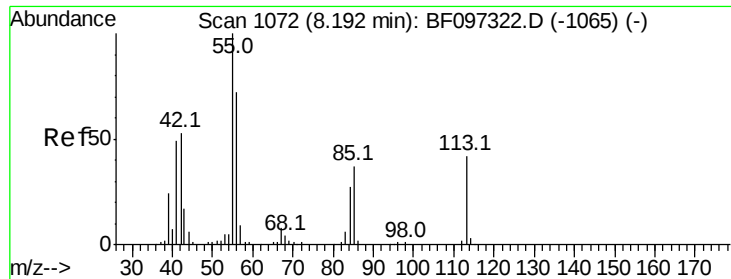
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	48.8	73.2		
227	62.5	51.1	76.7		





#35

Caprolactam

Concen: 45.850 ng/mL

RT: 8.16 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

Tot Ion:113 Resp: 83061

Ion Ratio Lower Upper

113 100

55 248.0 150.2 190.2#

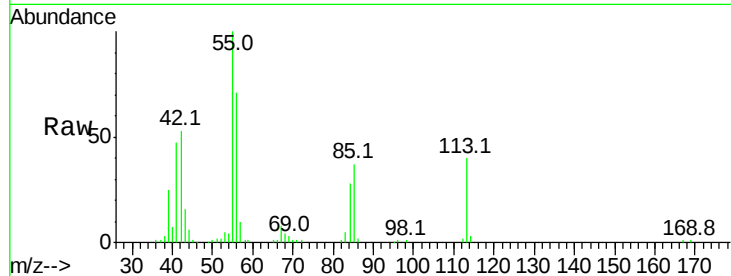
56 174.9 107.8 147.8#

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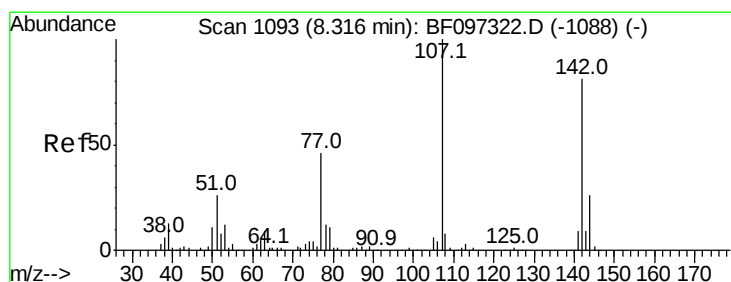
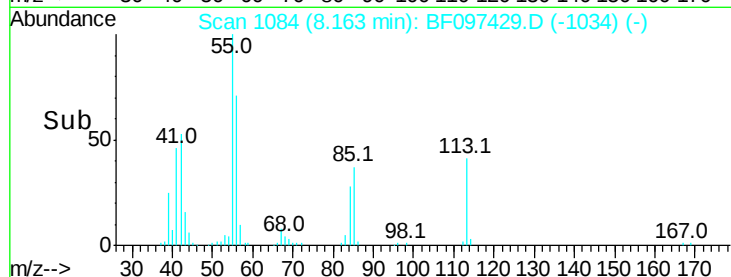
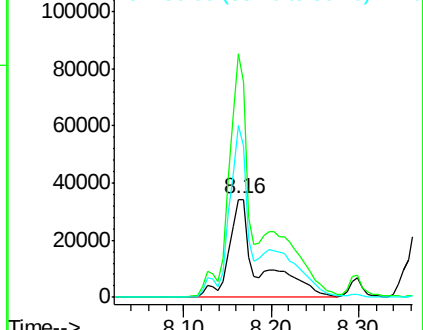
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.425 ng/mL

RT: 8.30 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

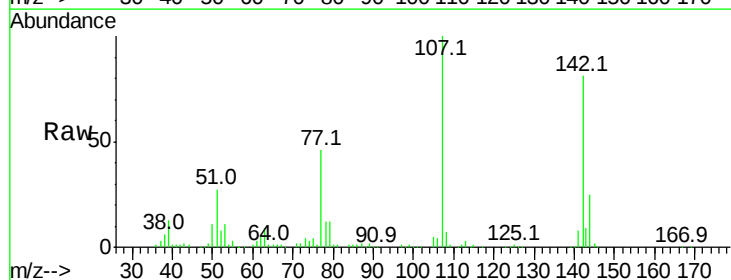
Tgt Ion:107 Resp: 249164

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

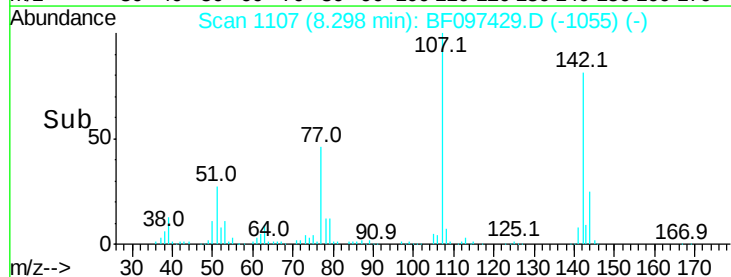
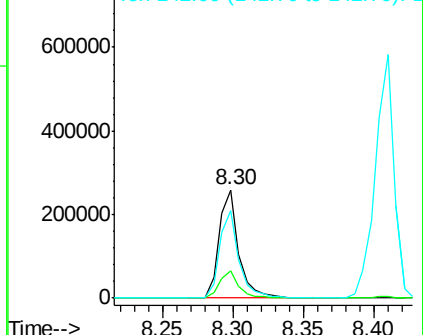
142 81.4 73.4 110.0

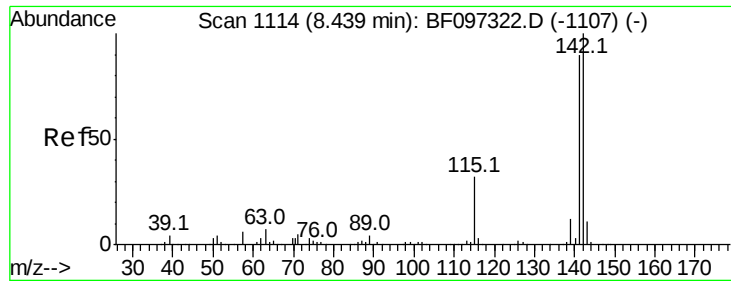


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





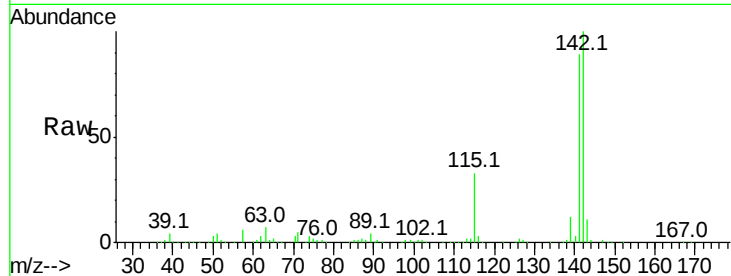
#37
2-Methylnaphthalene
Concen: 43.723 ng
RT: 8.41 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

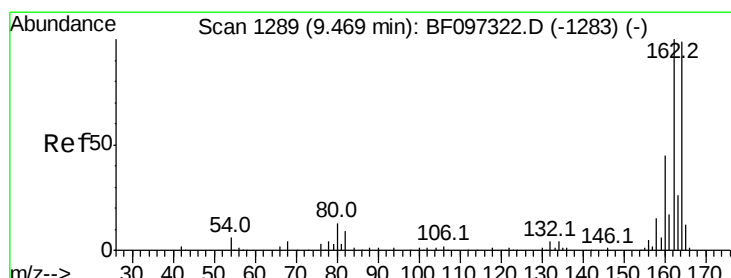
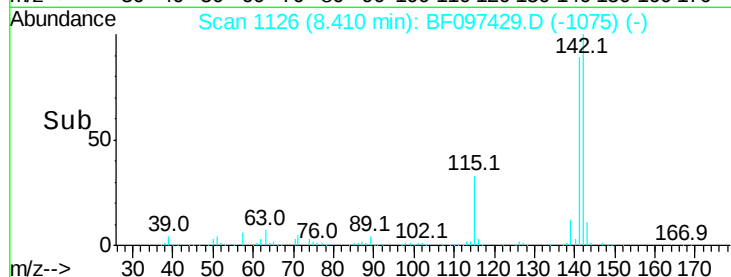
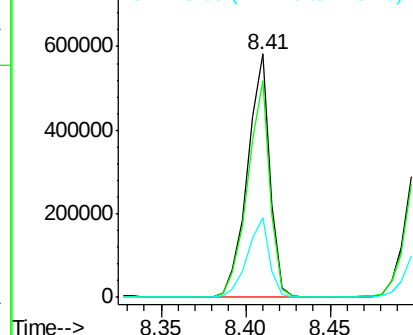
Tot Ion	Ratio	Resp	Lower	Upper
142	100	540139		
141	89.0		71.3	106.9
115	32.9		27.1	40.7

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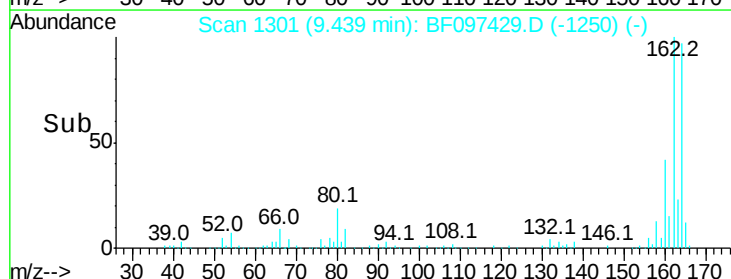
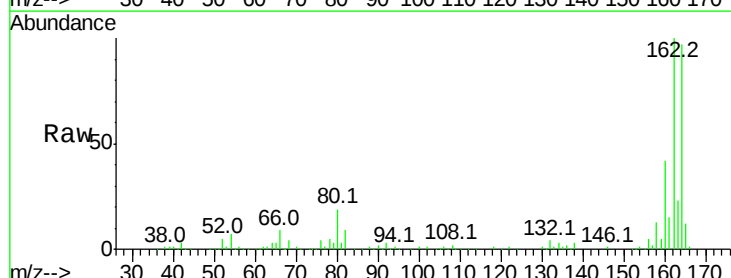
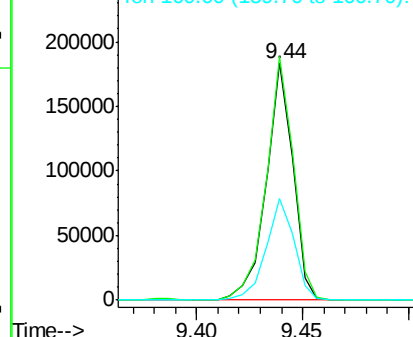
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

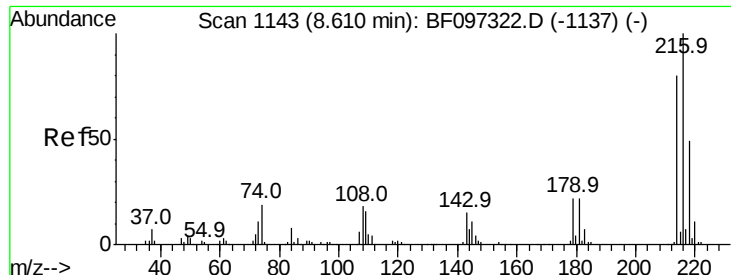


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.44 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161756		
162	102.9		82.6	123.8
160	43.1		36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





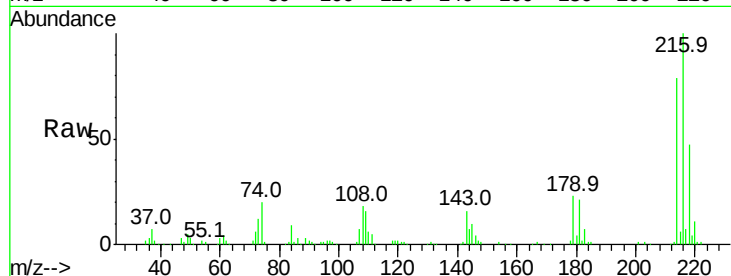
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.183 ng
 RT: 8.58 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

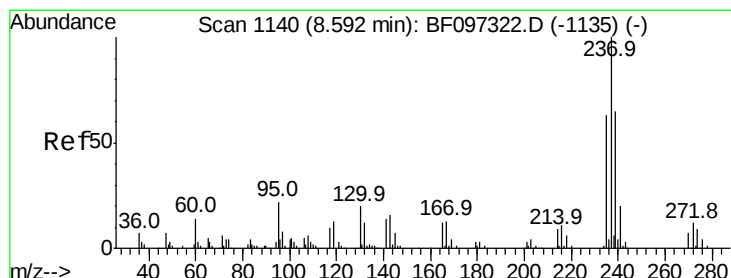
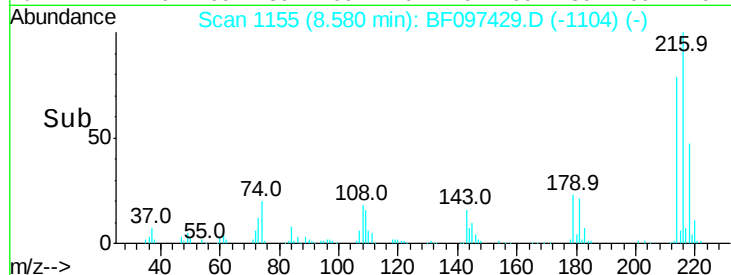
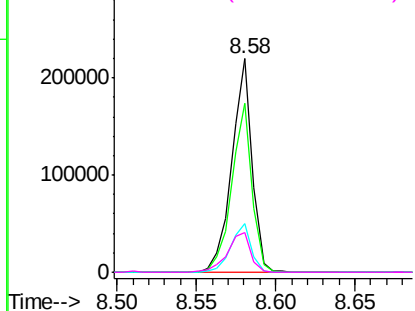
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.8	17.9	26.9
108	21.5	16.5	24.7

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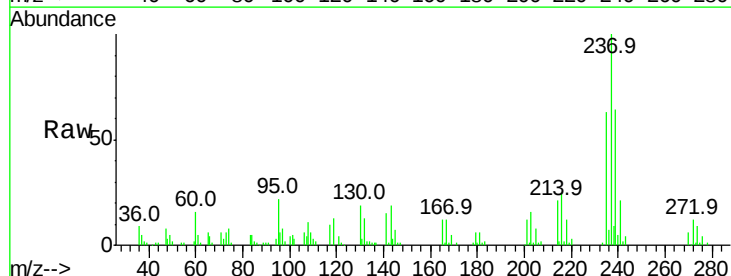


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

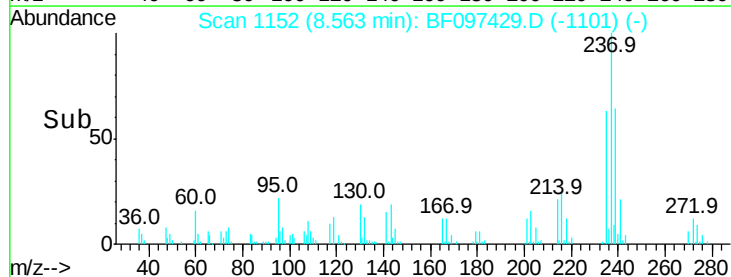
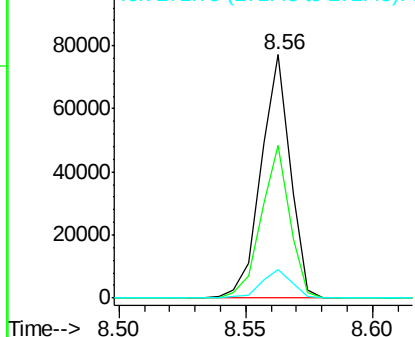


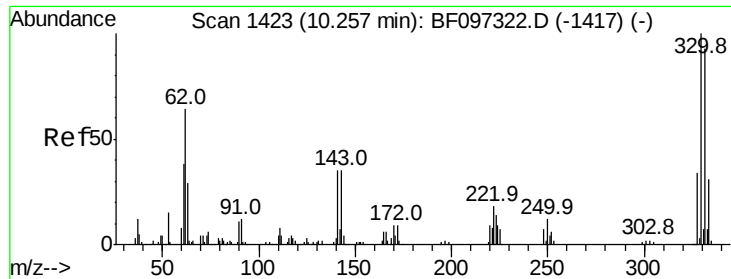
#40
 Hexachlorocyclopentadiene
 Concen: 44.343 ng
 RT: 8.56 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	42.6	82.6
272	11.7	0.0	31.9



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





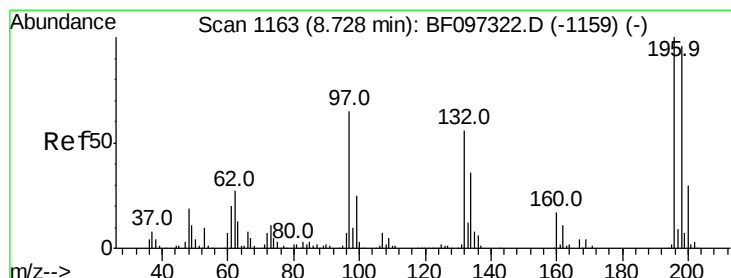
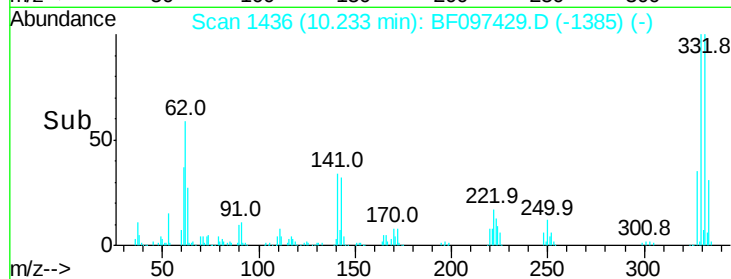
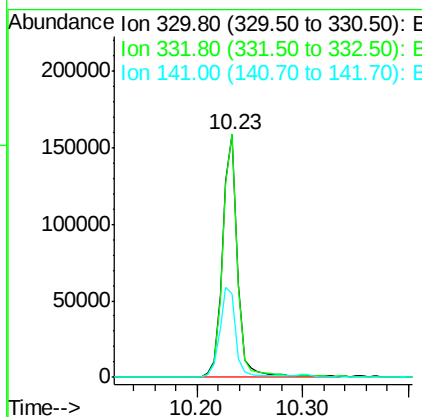
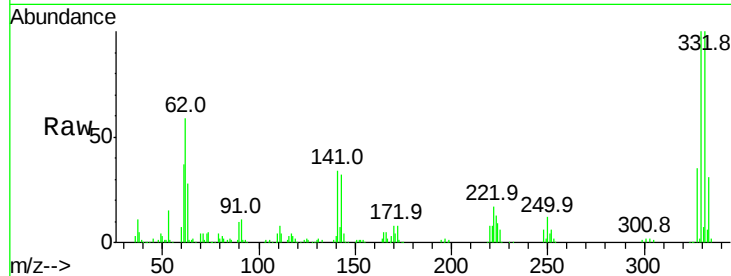
#41
 2,4,6-Tribromophenol
 Concen: 124.871 ng
 RT: 10.23 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	76.6	115.0	
141	39.8	31.4	47.2	

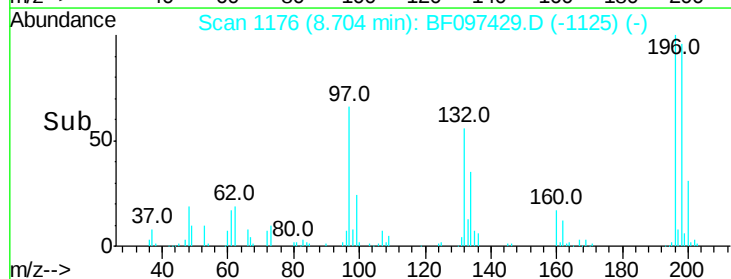
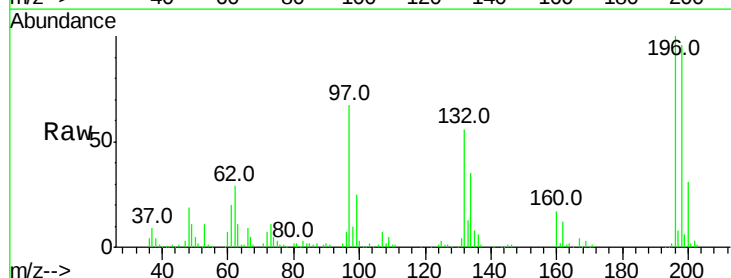
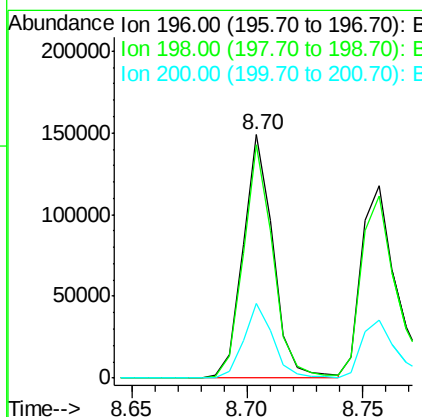
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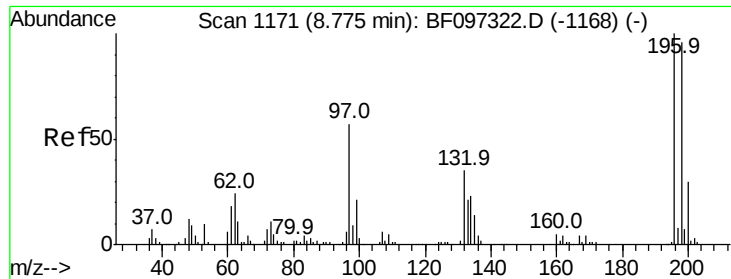
Sohil
 8/9/2017 7:55:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.359 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	74.2	111.4	
200	30.7	24.0	36.0	





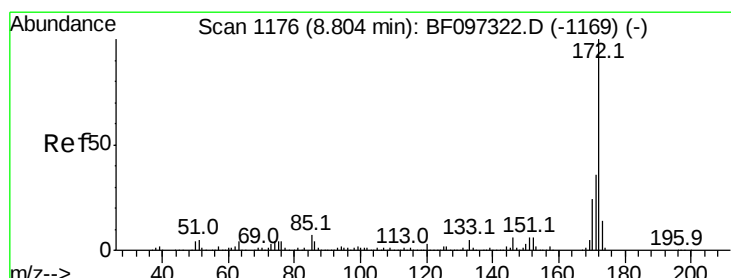
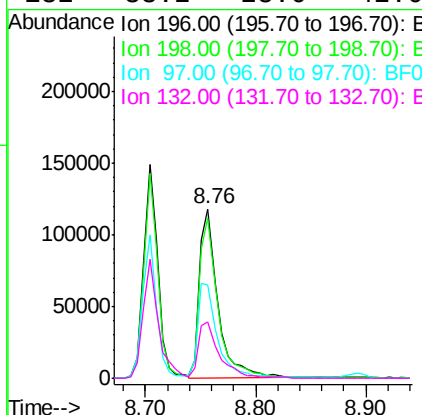
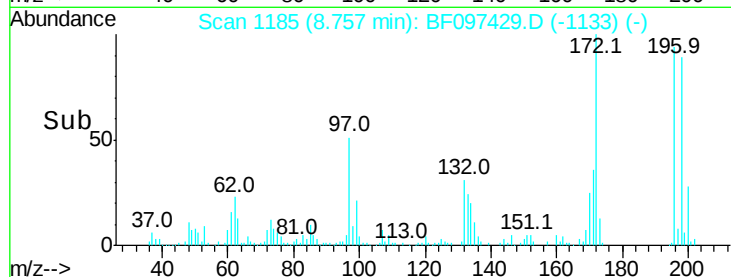
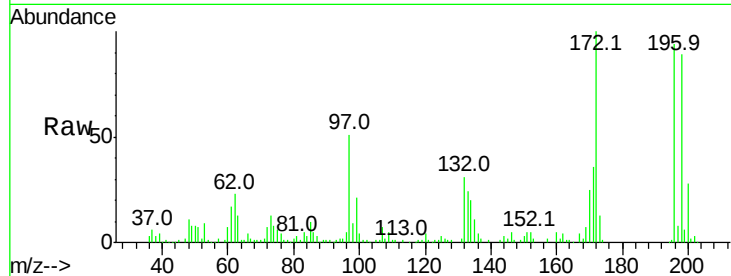
#43
 2,4,5-Trichlorophenol
 Concen: 42.615 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	196	Resp	133410
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
97	54.9	47.7	71.5
132	33.2	28.0	42.0

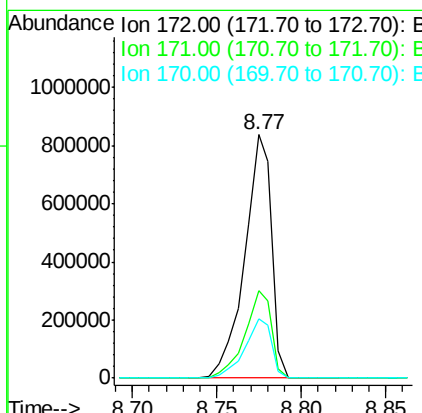
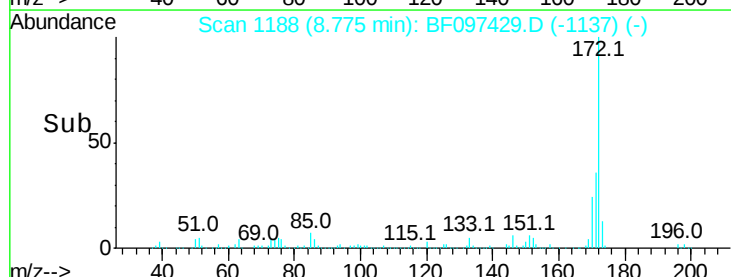
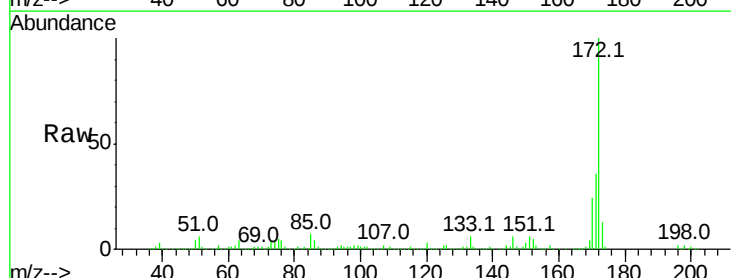
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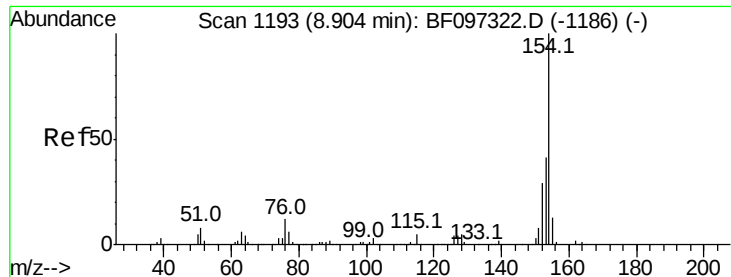
Sohil
 8/9/2017 7:55:49 PM



#44
 2-Fluorobiphenyl
 Concen: 97.577 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	172	Resp	930038
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8





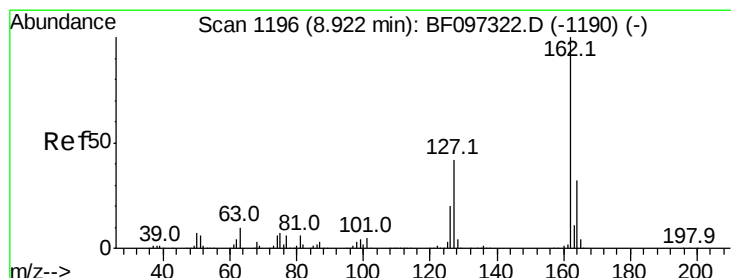
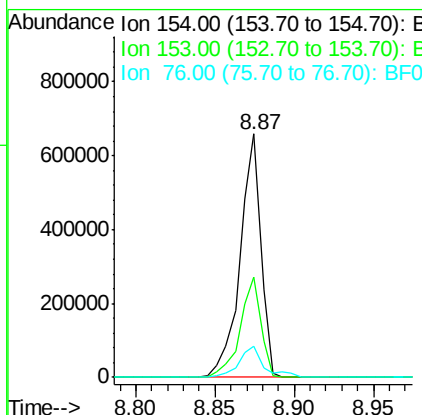
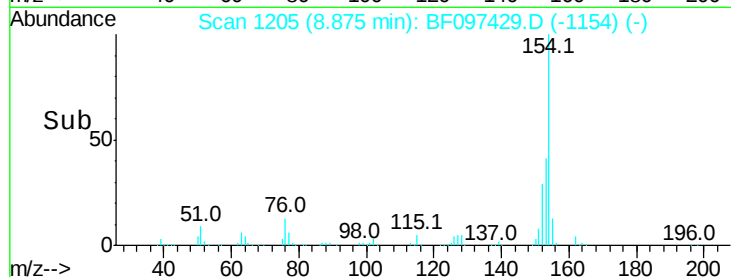
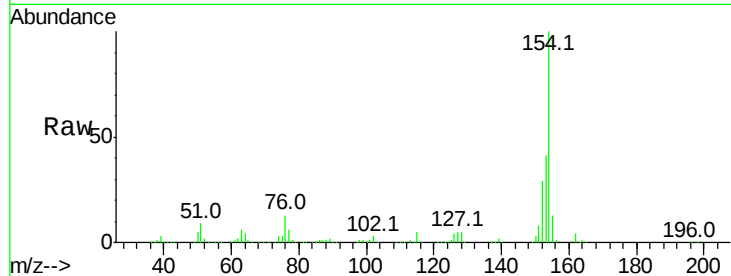
#45
 1,1'-Biphenyl
 Concen: 43.311 ng
 RT: 8.87 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion:	154	Resp:	598391
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	12.7	0.0	29.9

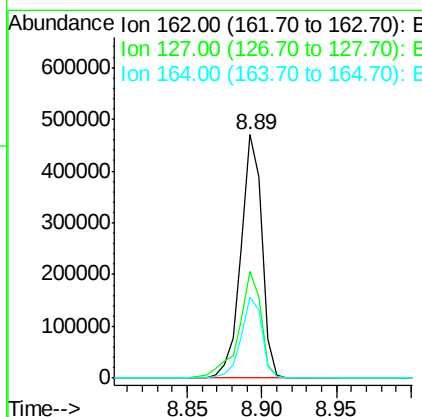
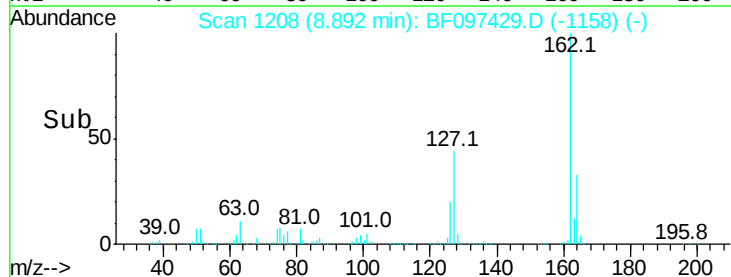
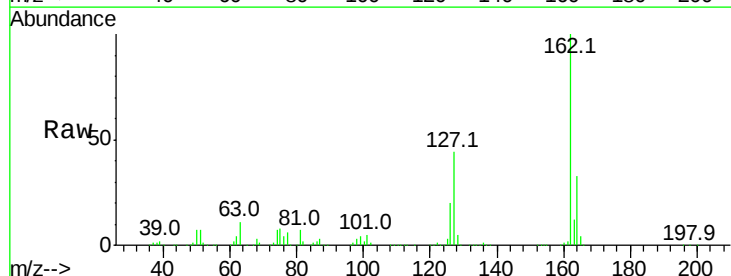
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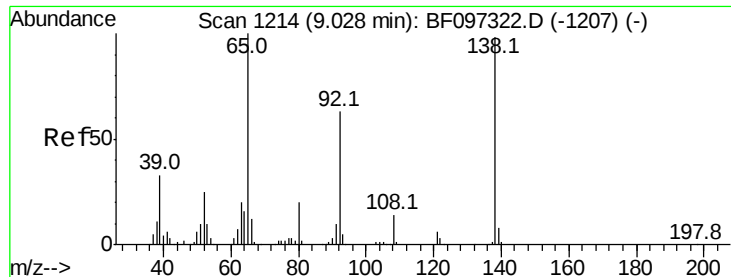
Sohil
 8/9/2017 7:55:49 PM



#46
 2-Chloronaphthalene
 Concen: 45.147 ng
 RT: 8.89 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion:	162	Resp:	459017
Ion Ratio	Lower	Upper	
162	100		
127	43.9	28.3	42.5#
164	33.1	27.0	40.4





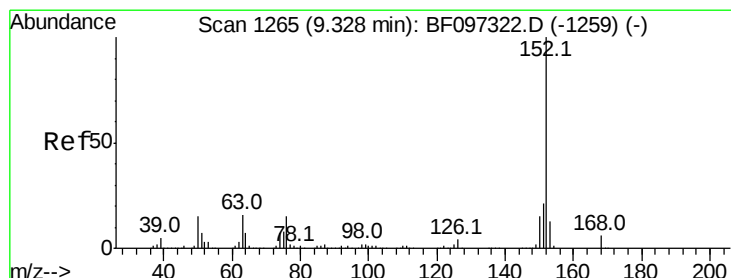
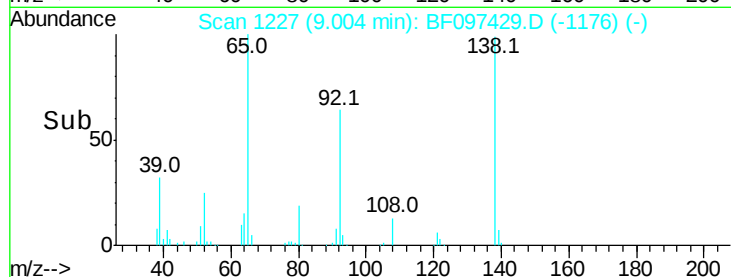
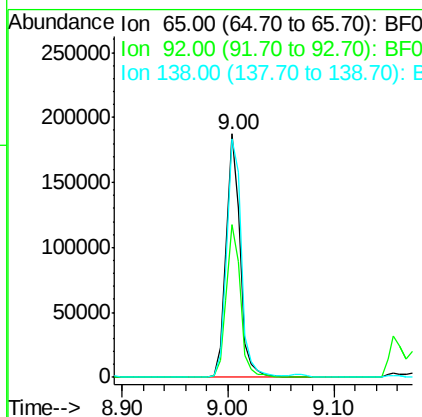
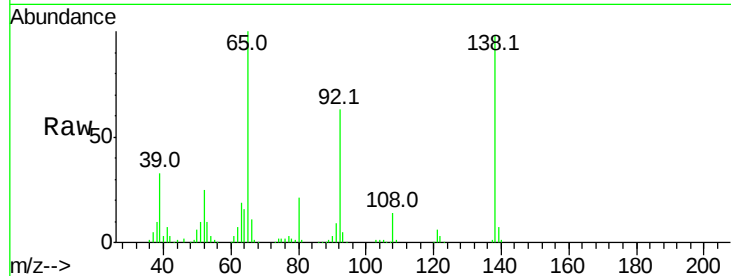
#47
2-Nitroaniline
Concen: 46.735 ng
RT: 9.00 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.9	80.9
138	98.2	78.8	118.2

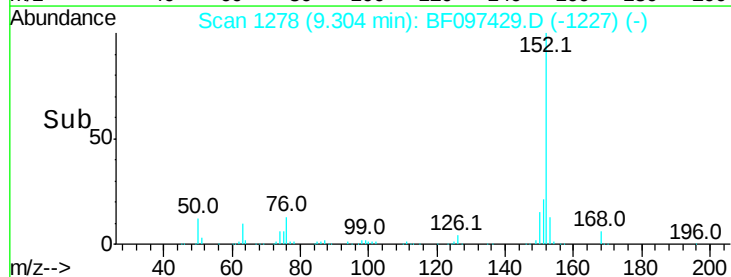
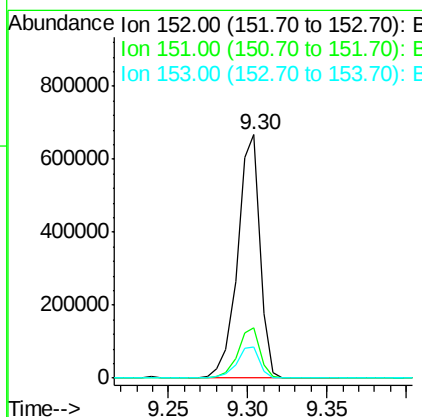
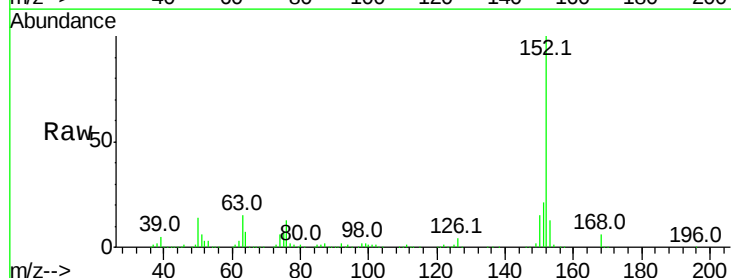
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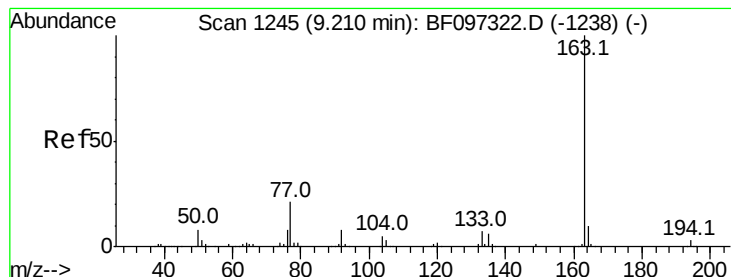
Sohil
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#48
Acenaphthylene
Concen: 41.779 ng
RT: 9.30 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	12.7	10.8	16.2





#49

Dimethylphthalate

Concen: 42.831 ng

RT: 9.19 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

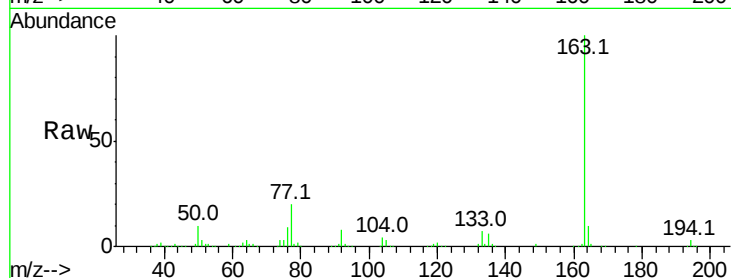
ClientSampleId :

PB101306BS

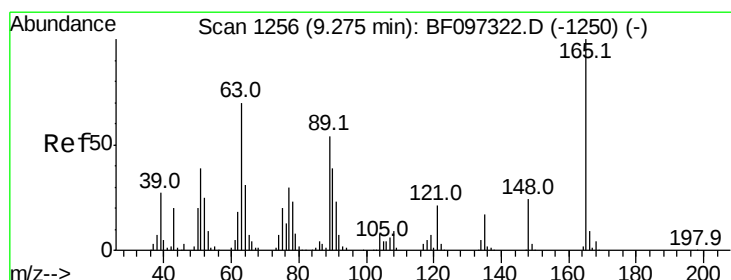
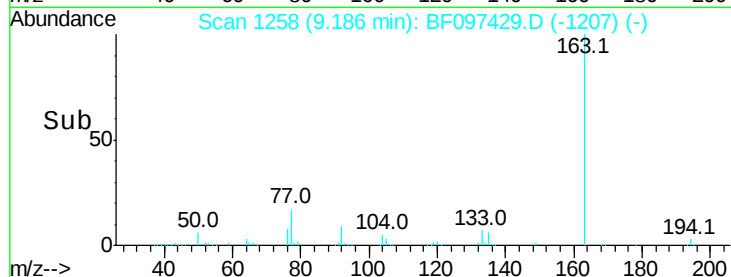
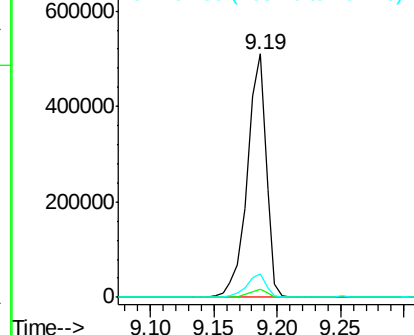
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	9.8	8.4	12.6	

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.254 ng

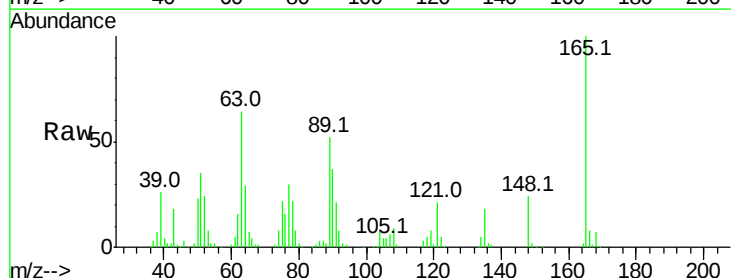
RT: 9.25 min Scan# 1269

Delta R.T. 0.00 min

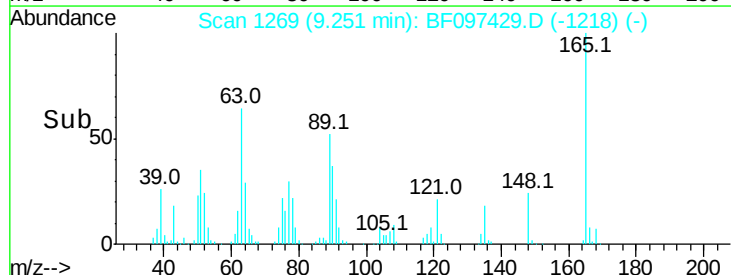
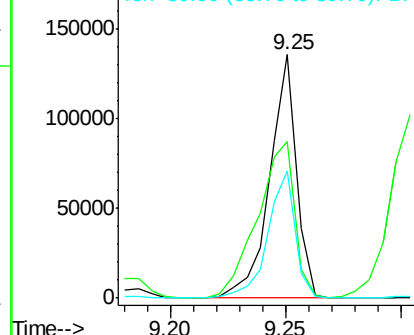
Lab File: BF097429.D

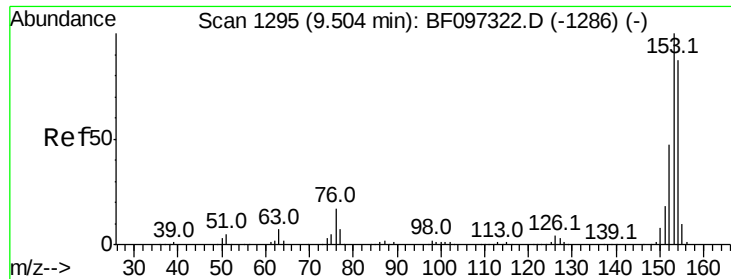
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.2	34.3	51.5#	
89	52.2	37.1	55.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





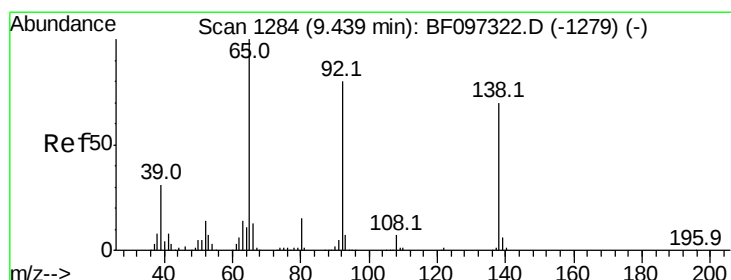
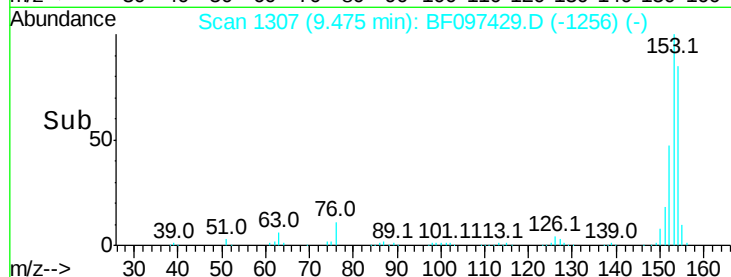
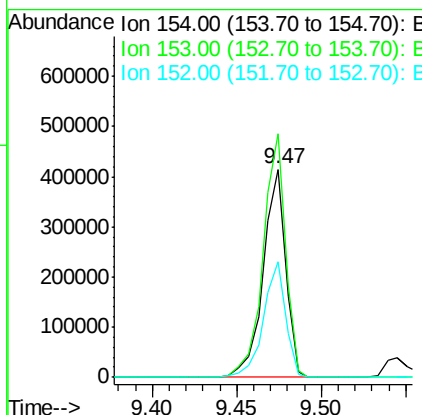
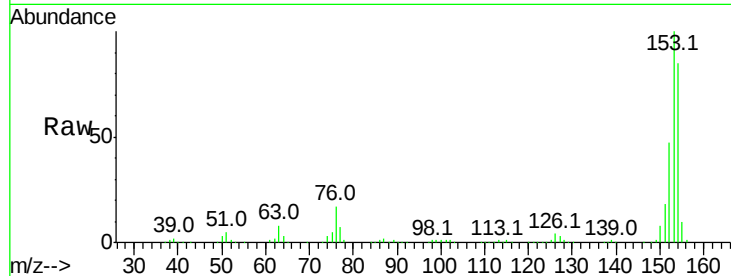
#51
Acenaphthene
Concen: 41.763 ng
RT: 9.47 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.2	90.5	135.7
152	55.3	43.6	65.4

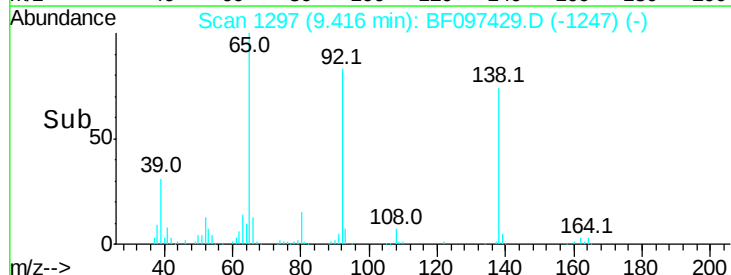
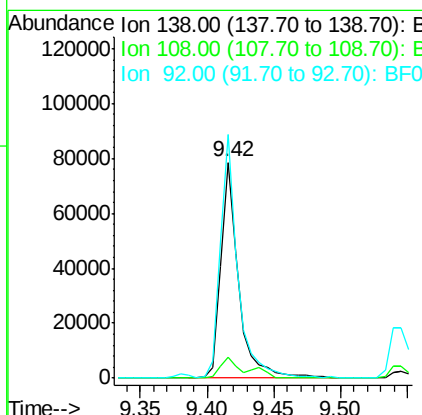
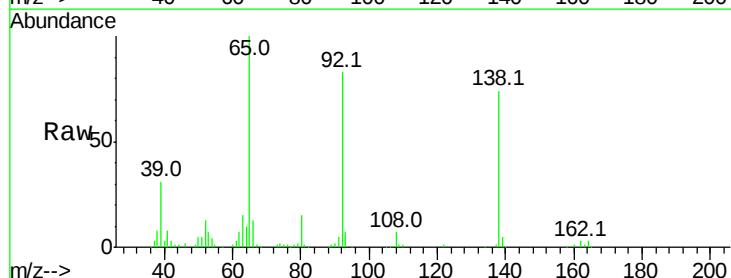
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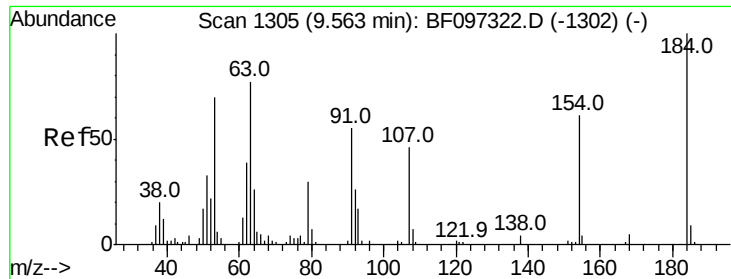
Sohil
8/9/2017 7:55:49 PM



#52
3-Nitroaniline
Concen: 23.010 ng
RT: 9.42 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	112.8	93.8	140.6





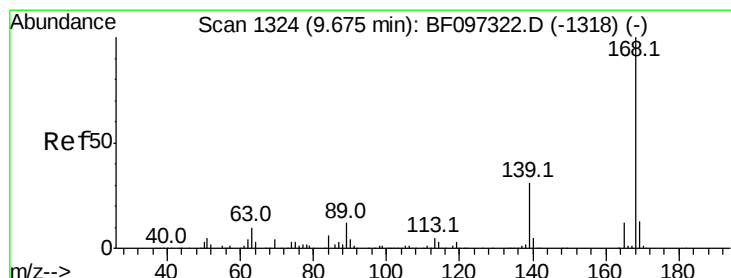
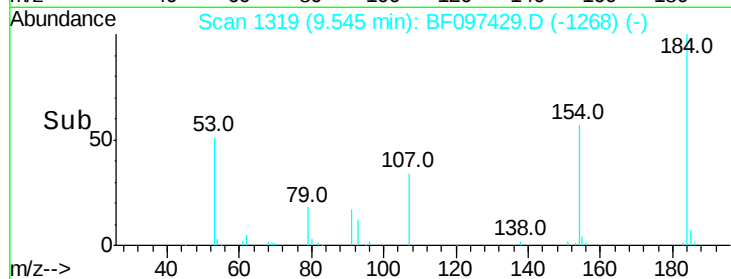
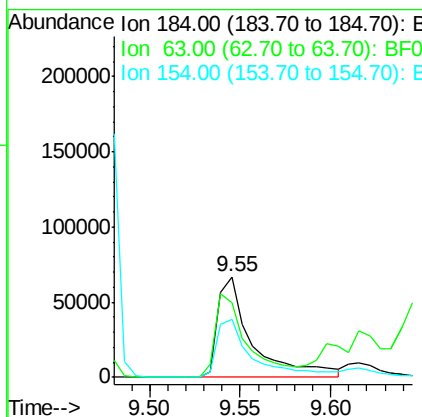
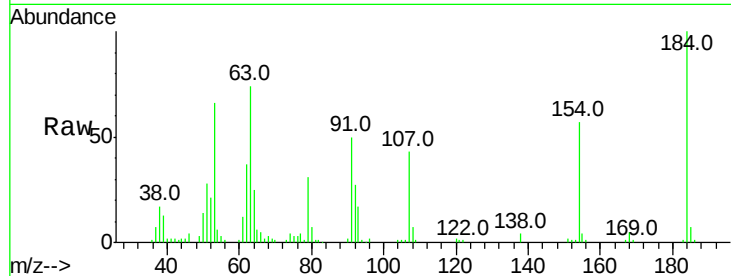
#53
 2,4-Dinitrophenol
 Concen: 74.925 ng
 RT: 9.55 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	88752		
63	73.8		62.7	94.1
154	57.1		81.1	121.7#

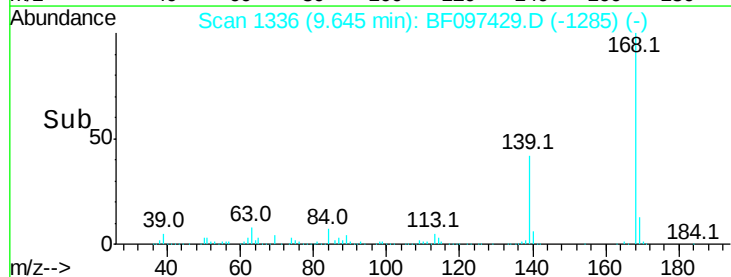
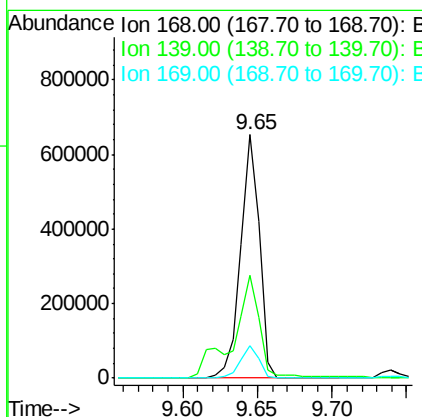
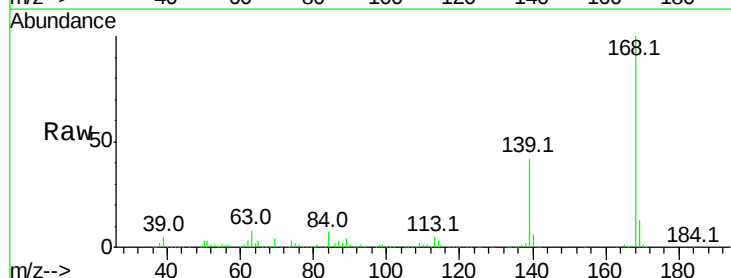
Manual Integrations
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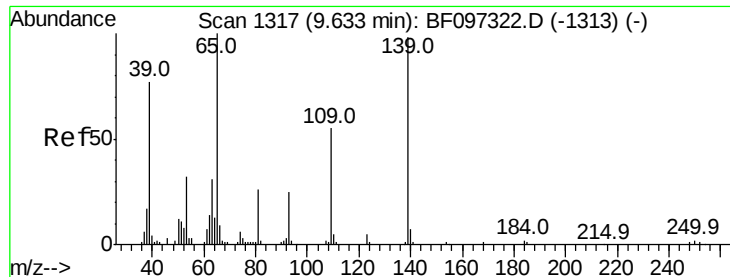
Sohil
 8/9/2017 7:55:49 PM



#54
 Dibenzofuran
 Concen: 46.653 ng
 RT: 9.65 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	571224		
139	42.0		30.6	45.8
169	13.2		10.8	16.2





#55

4-Nitrophenol

Concen: 41.547 ng/mL

RT: 9.62 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

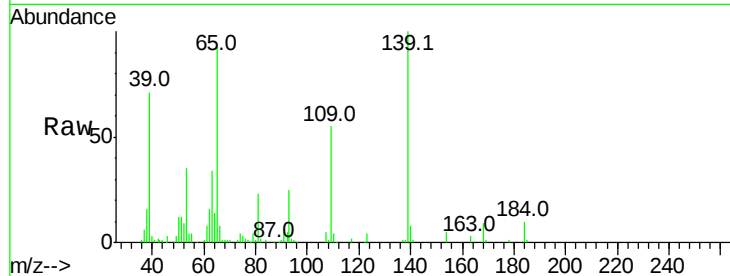
PB101306BS

Tot Ion:139 Resp: 79897

Ion	Ratio	Lower	Upper
139	100		
109	55.3	34.1	74.1
65	93.3	31.4	71.4

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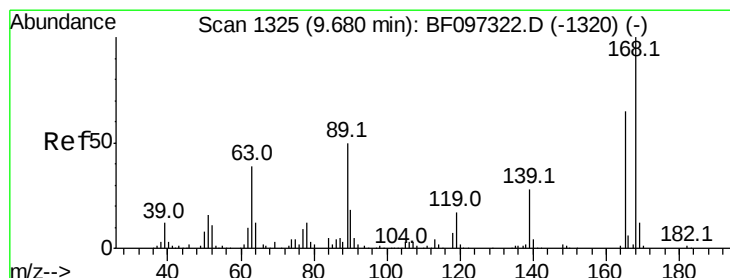
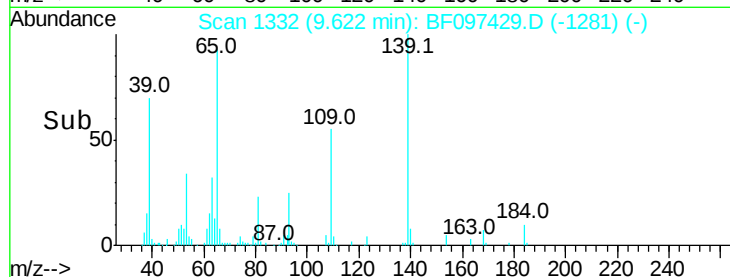
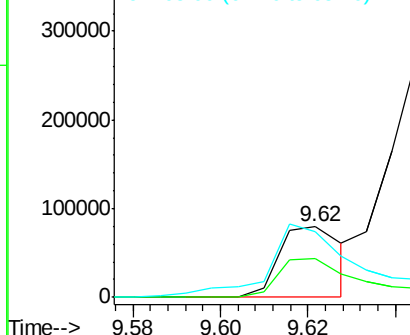


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.366 ng/mL

RT: 9.66 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:165 Resp: 144853

Ion	Ratio	Lower	Upper
165	100		
63	55.7	25.4	38.0
89	69.7	46.4	69.6
182	2.0	1.8	2.6

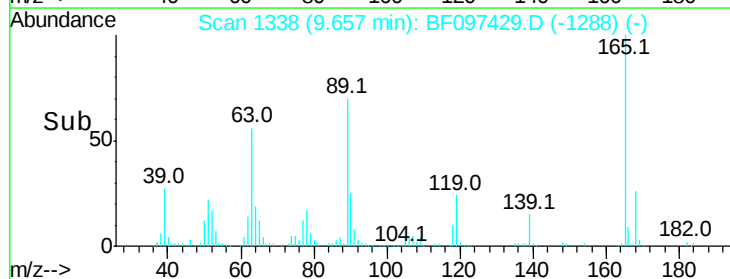
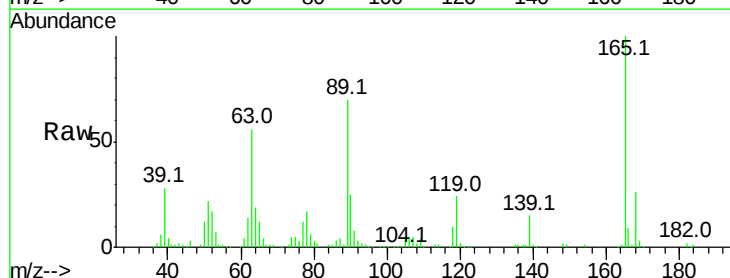
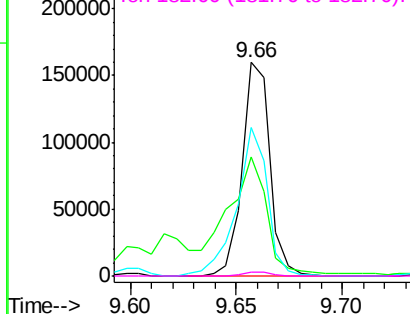
Abundance

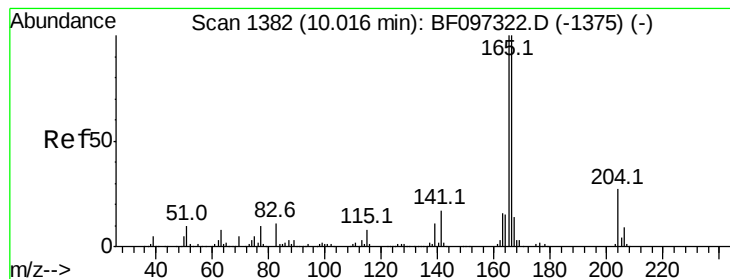
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.253 ng

RT: 9.99 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

Tot Ion:166 Resp: 416439

Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

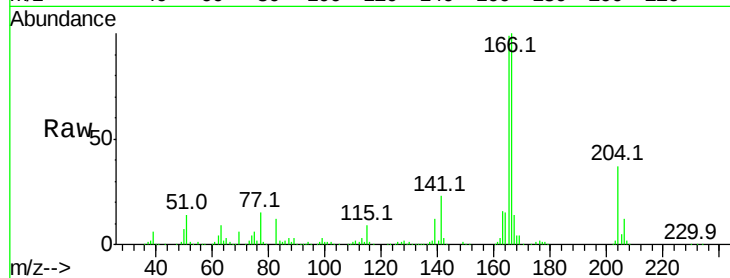
167 13.8 10.6 16.0

Manual Integrations

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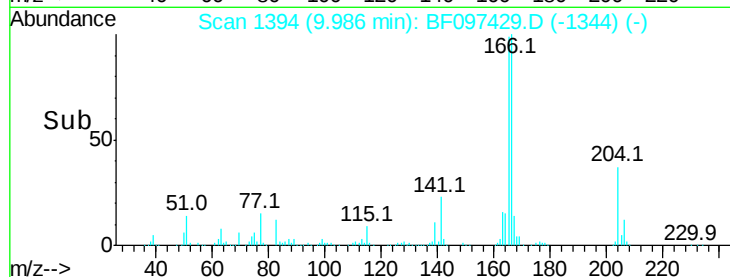


Abundance Ion 166.00 (165.70 to 166.70): E

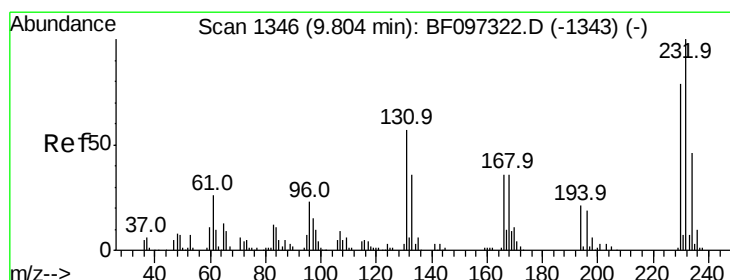
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.120 ng

RT: 9.78 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:232 Resp: 97530

Ion Ratio Lower Upper

232 100

131 55.0 44.8 67.2

130 2.6 2.3 3.5

166 32.3 29.0 43.4

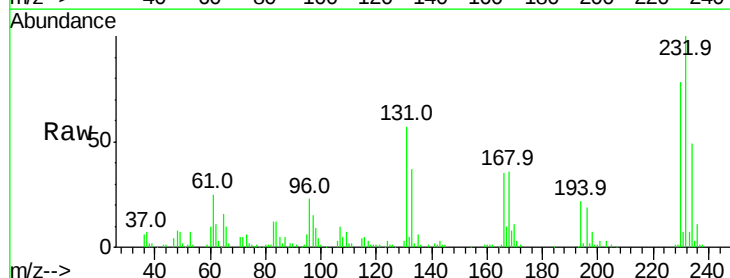
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

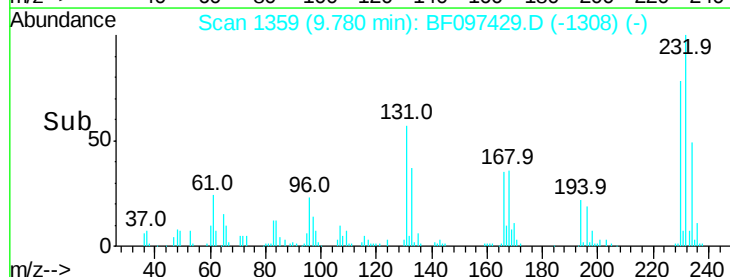
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

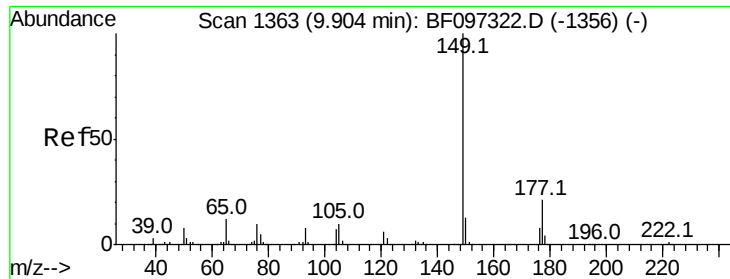
Time-->



Time-->



Time-->



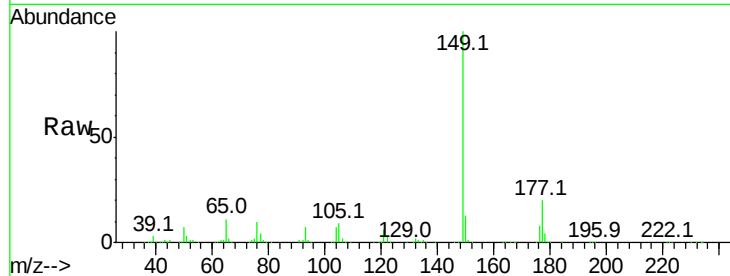
#59
Diethylphthalate
Concen: 45.047 ng
RT: 9.88 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

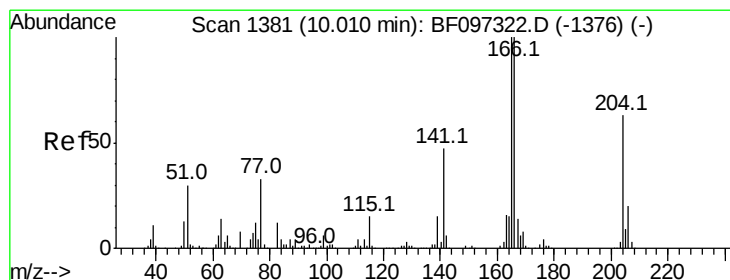
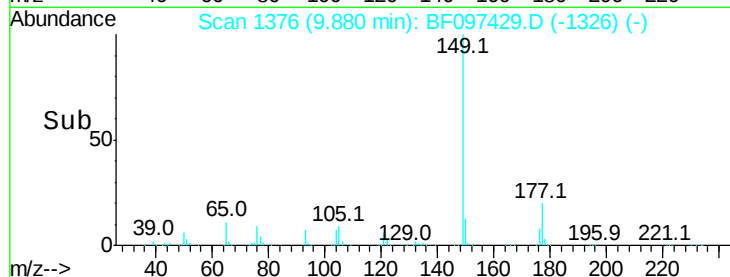
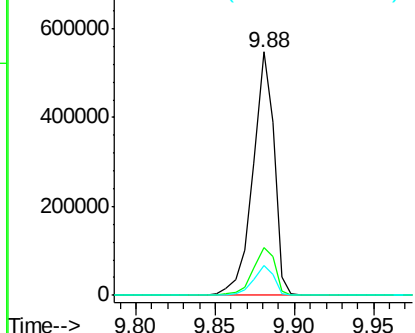
Tot Ion	Ratio	Resp	Lower	Upper
149	100	507647		
177	19.5	16.7	25.1	
150	12.5	10.2	15.2	

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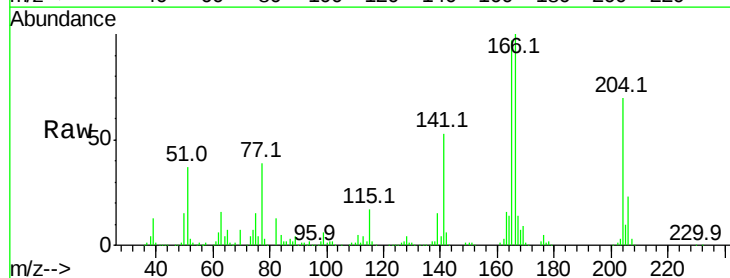


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

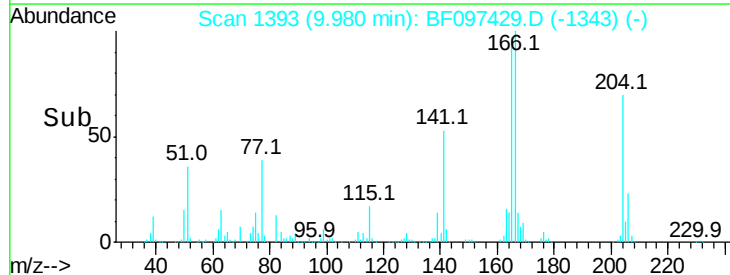
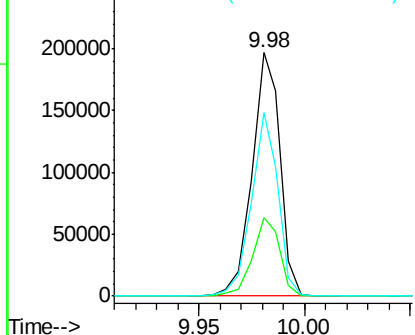


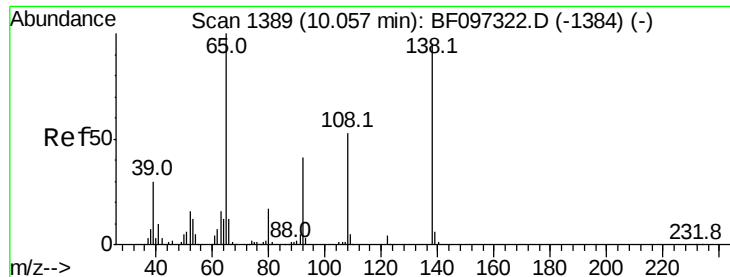
#60
4-Chlorophenyl-phenylether
Concen: 47.546 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	180681		
206	32.3	26.2	39.2	
141	75.4	60.8	91.2	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





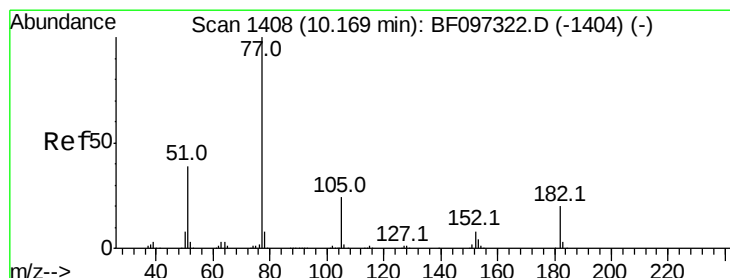
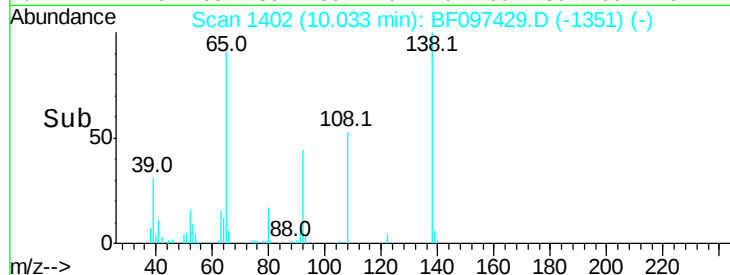
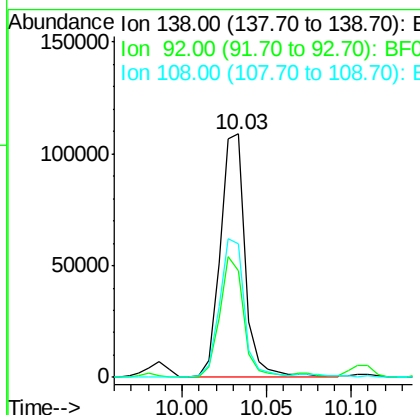
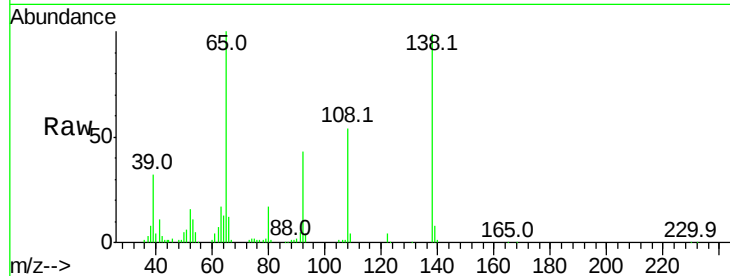
#61
4-Nitroaniline
Concen: 36.799 ng
RT: 10.03 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.7	21.8	61.8
108	54.7	42.3	82.3

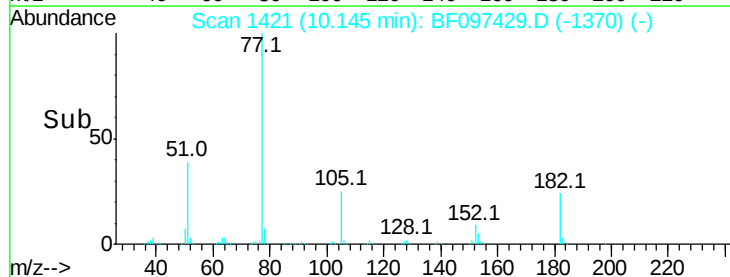
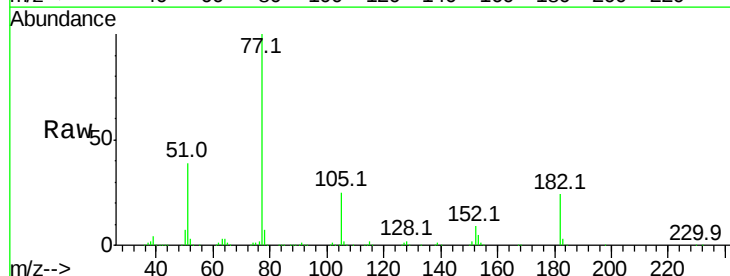
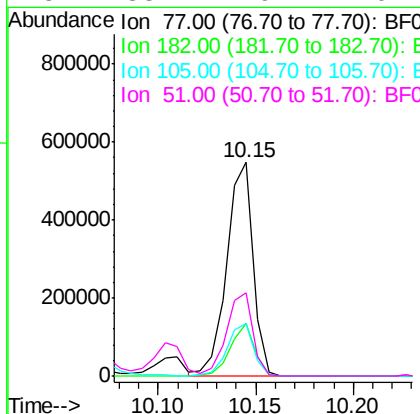
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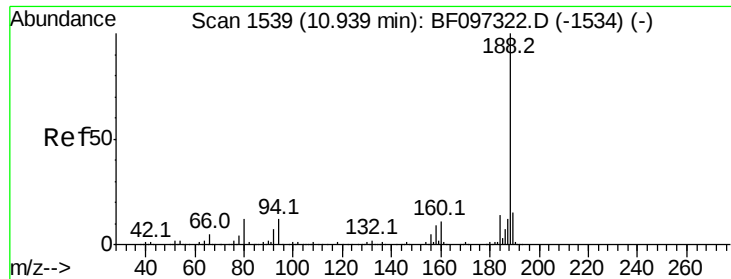
Sohil
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#62
Azobenzene
Concen: 48.944 ng
RT: 10.15 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.1	40.1
105	24.8	3.6	43.6
51	38.7	9.4	49.4





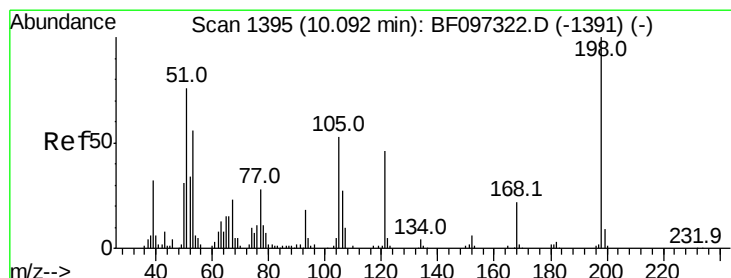
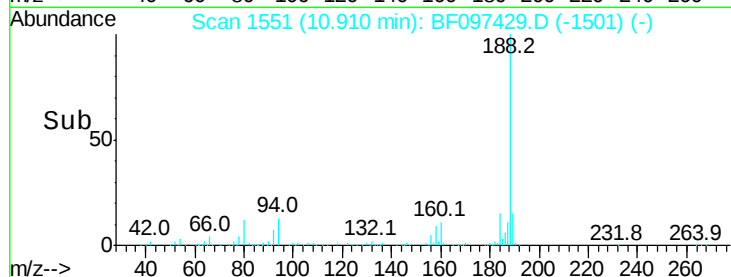
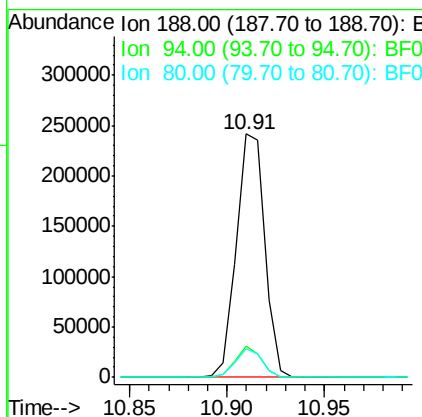
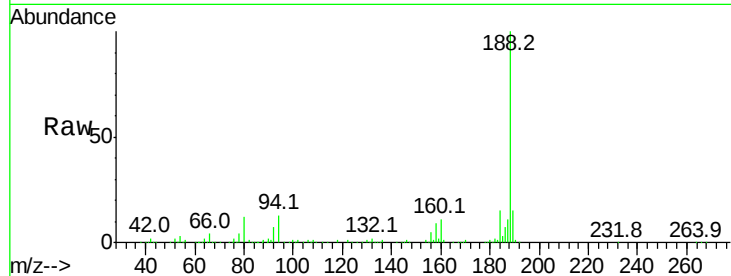
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	244231		
94	12.8		9.4	14.2
80	11.7		10.2	15.2

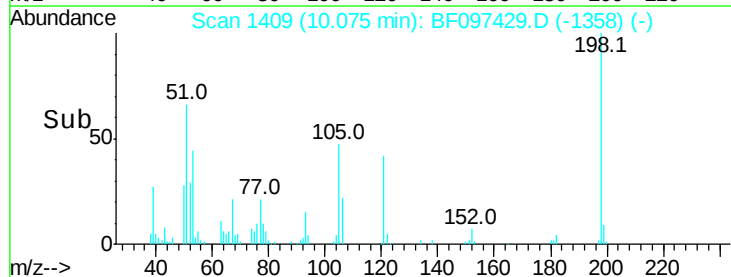
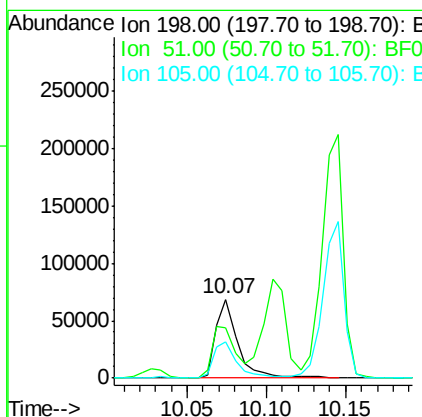
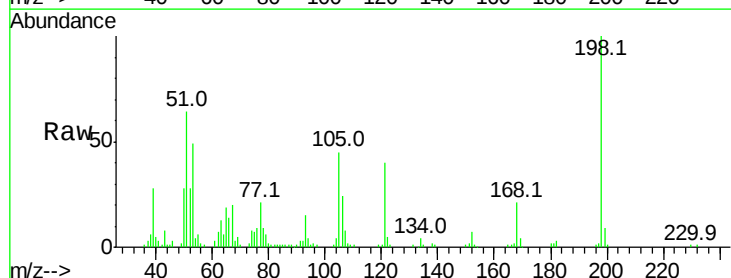
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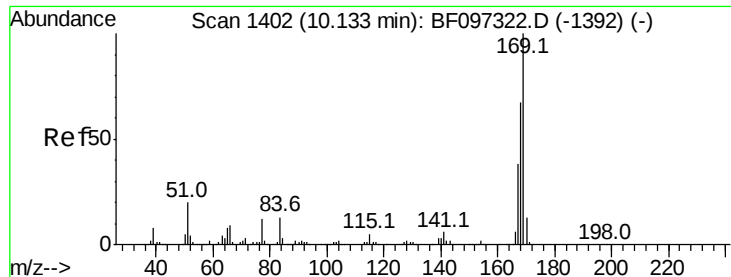
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.085 ng
RT: 10.07 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	66905		
51	63.8		53.2	93.2
105	45.4		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 49.245 ng

RT: 10.11 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

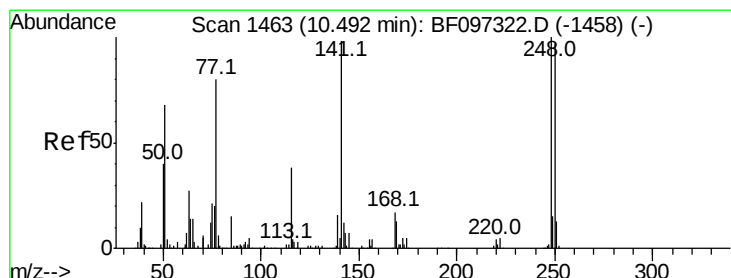
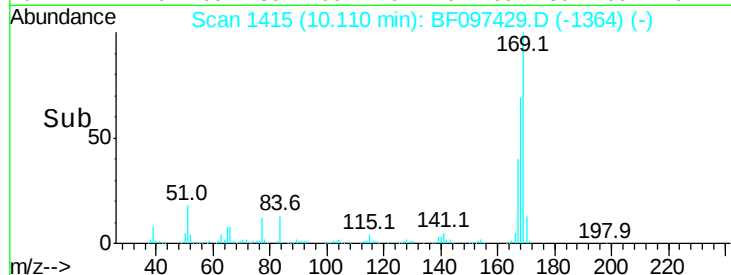
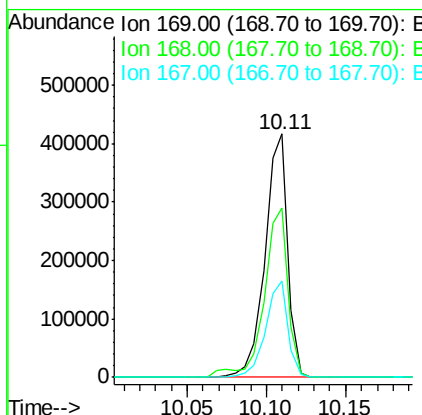
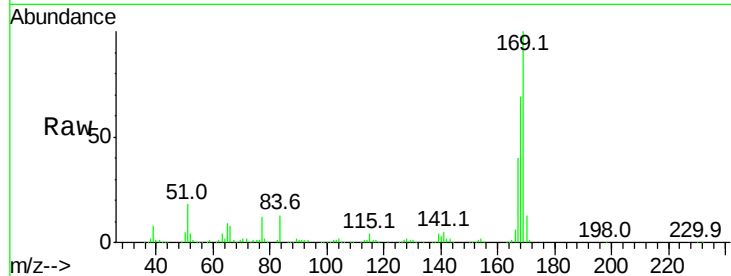
ClientSampleId :

PB101306BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.2	79.8
167	39.7	29.5	44.3

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 45.873 ng

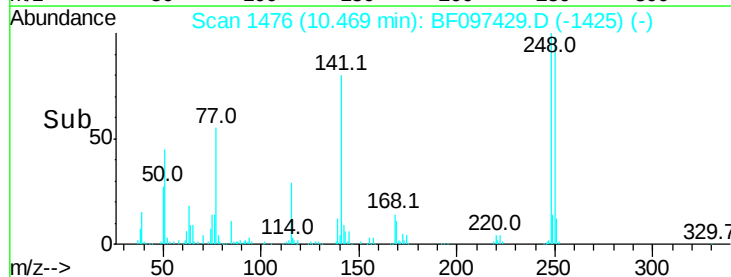
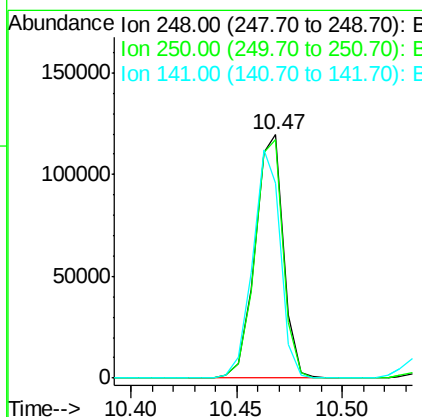
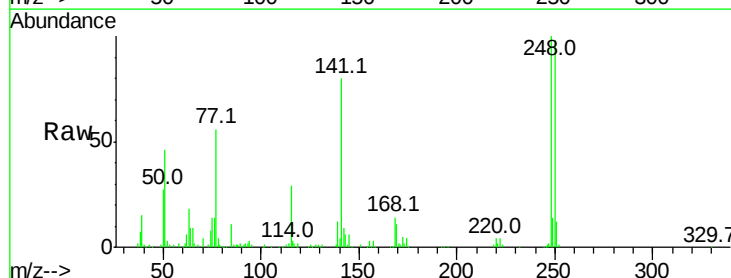
RT: 10.47 min Scan# 1476

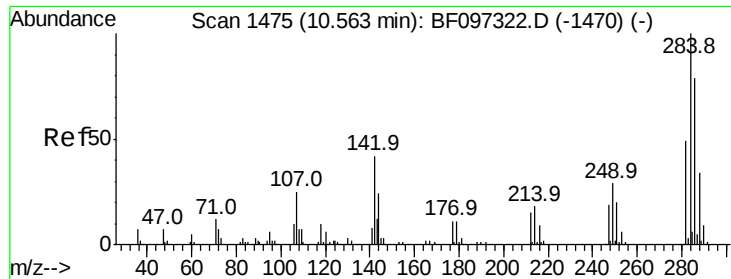
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.8	115.2
141	80.1	68.6	103.0





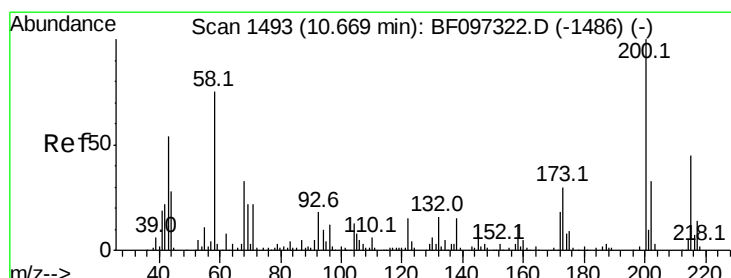
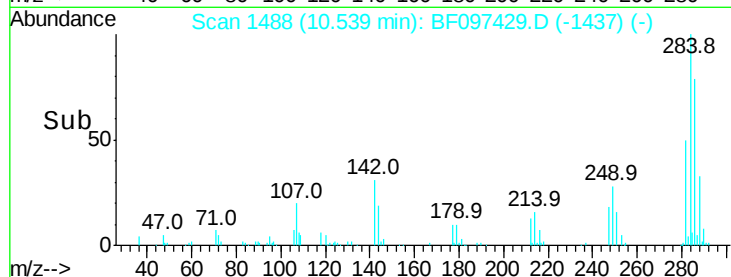
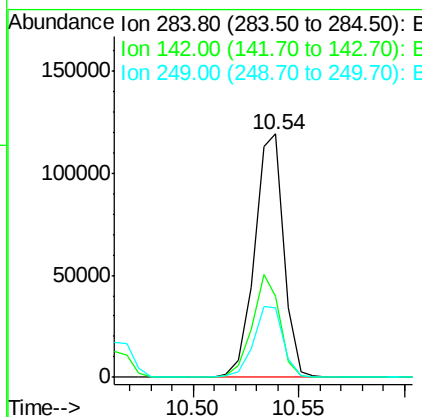
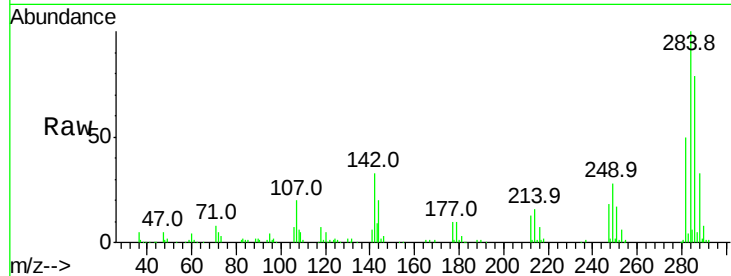
#67
Hexachlorobenzene
Concen: 41.903 ng
RT: 10.54 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.1	22.8	34.2	
249	28.4	24.0	36.0	

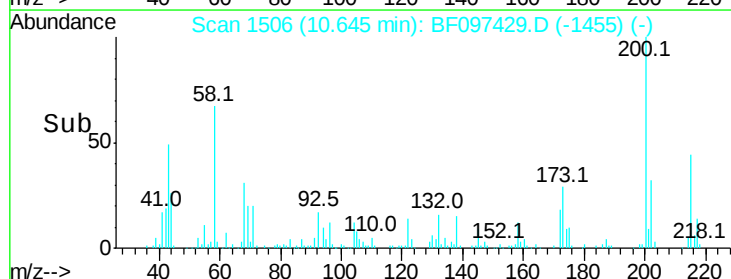
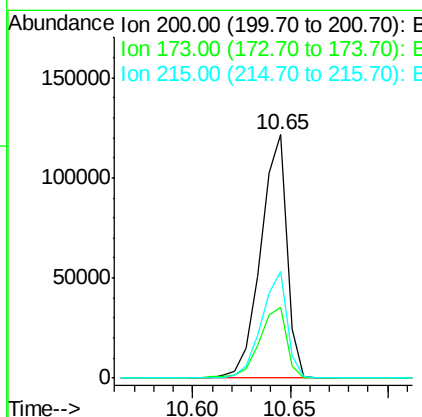
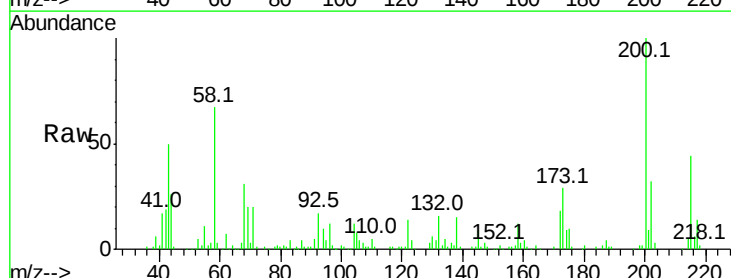
Manual Integrations
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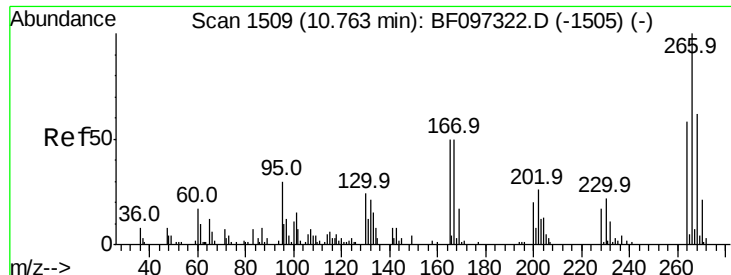
Sohil
8/9/2017 7:55:49 PM



#68
Atrazine
Concen: 46.465 ng
RT: 10.65 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.2	6.3	46.3	
215	43.6	27.2	67.2	





#69

Pentachlorophenol

Concen: 61.547 ng

RT: 10.74 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

Tot Ion:266 Resp: 69603

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

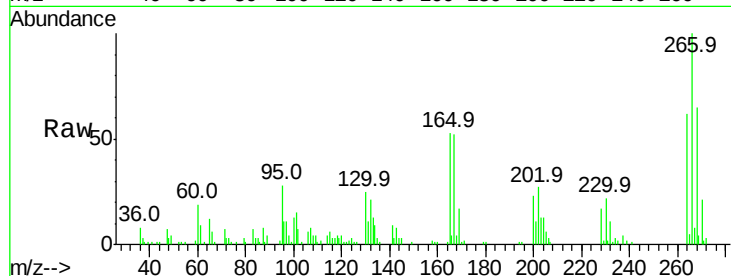
264 61.7 51.7 77.5

Manual Integrations

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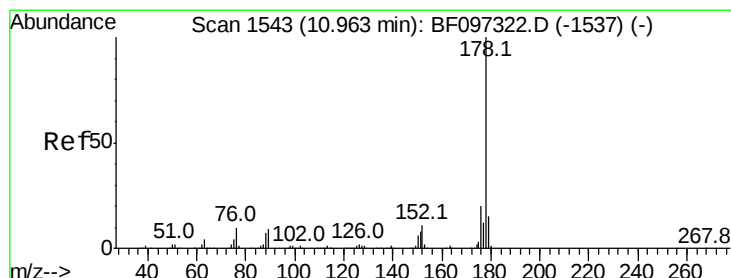
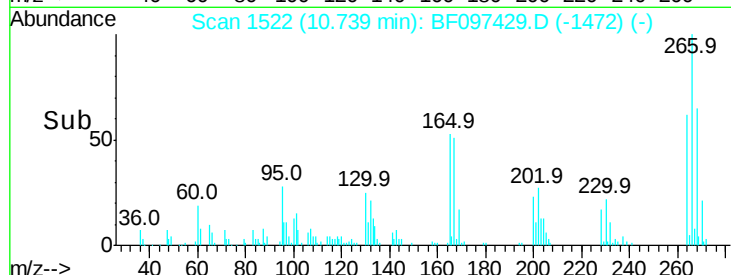
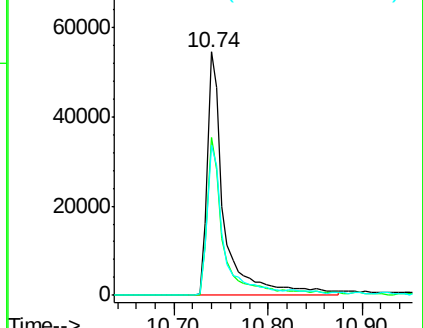
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.538 ng

RT: 10.94 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

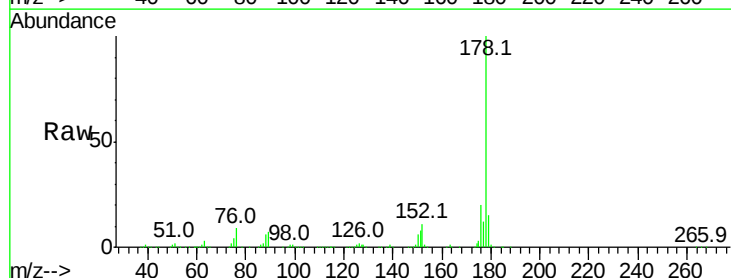
Tgt Ion:178 Resp: 582825

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

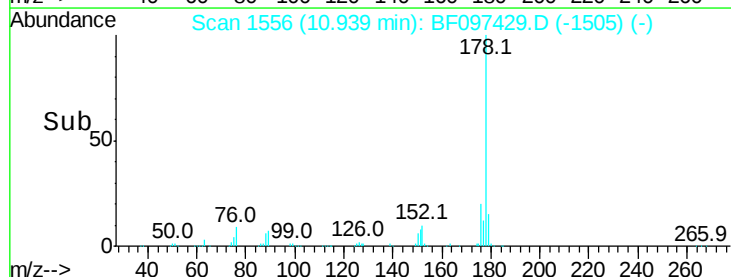
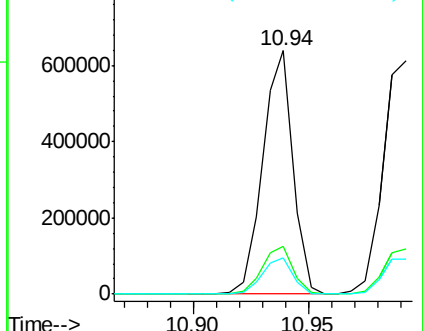
179 14.9 12.6 19.0

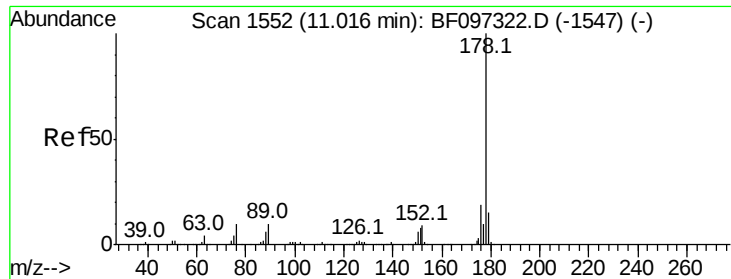


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





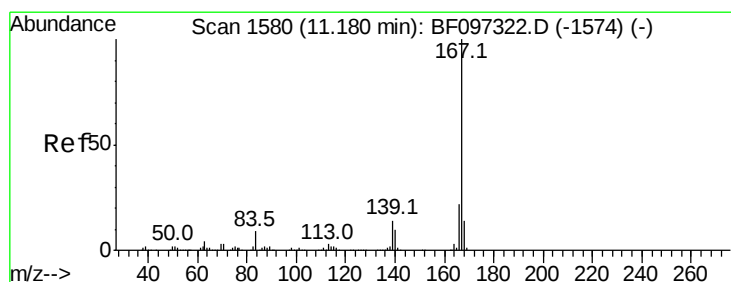
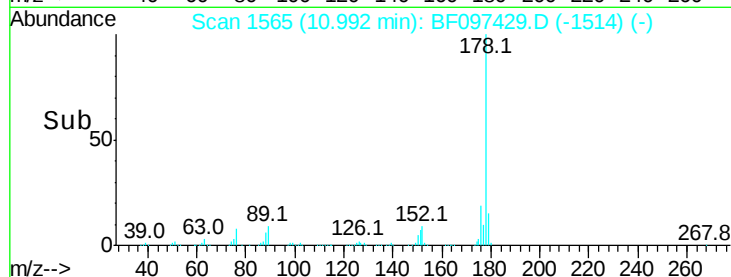
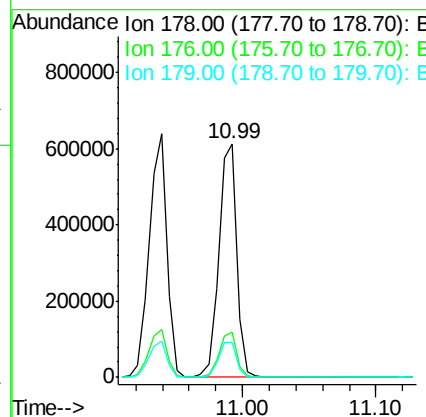
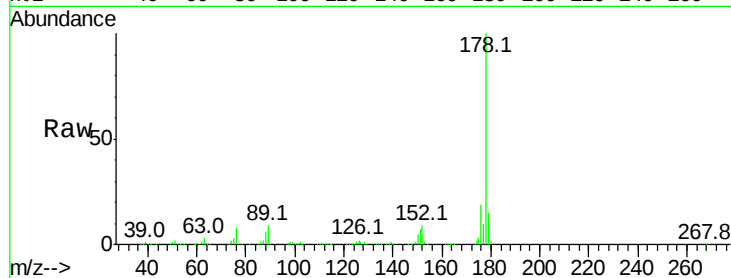
#71
 Anthracene
 Concen: 43.216 ng
 RT: 10.99 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.0	12.7	19.1

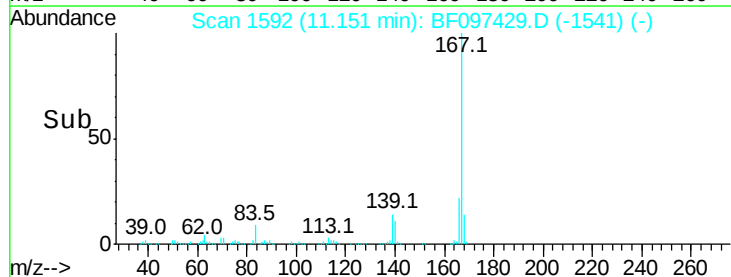
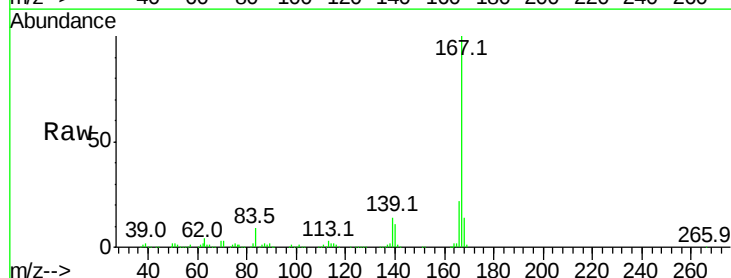
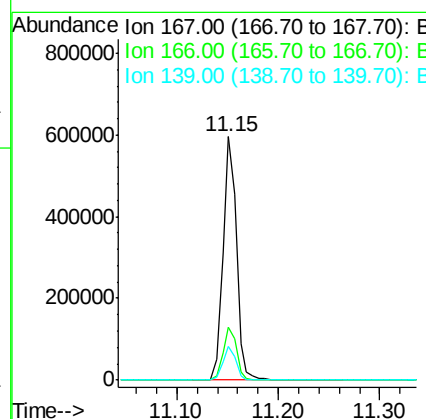
Manual Integrations
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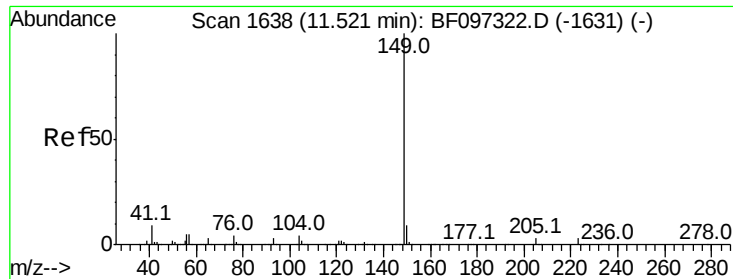
Sohil
 8/9/2017 7:55:49 PM



#72
 Carbazole
 Concen: 41.674 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.012 ng

RT: 11.49 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

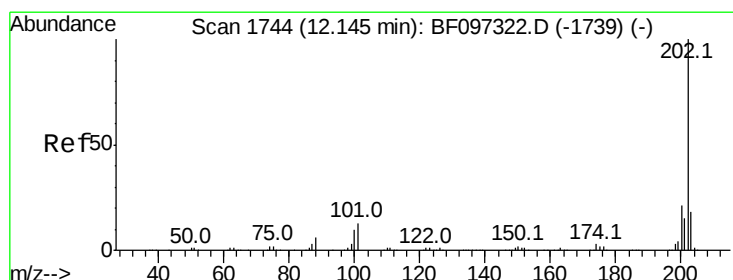
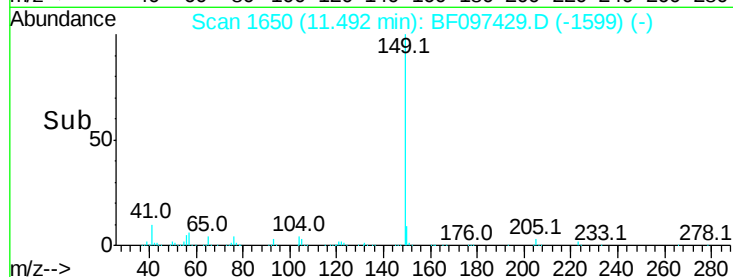
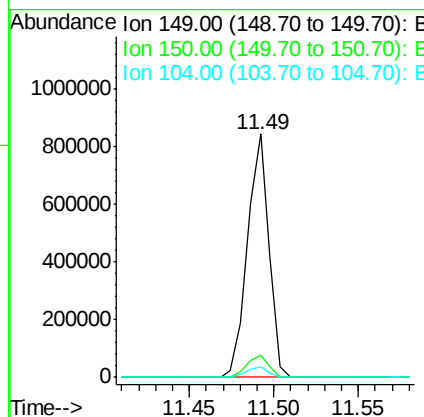
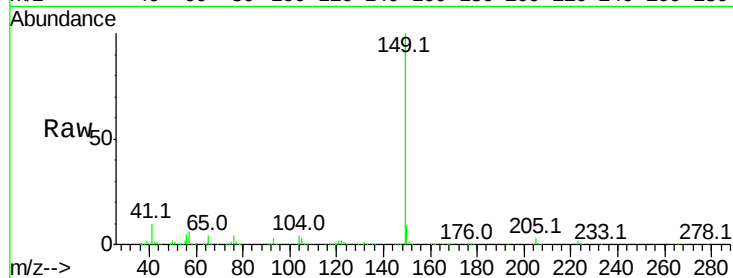
ClientSampleId :

PB101306BS

Tot Ion:	149	Resp:	749713
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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8/9/2017 7:55:49 PM



#74

Fluoranthene

Concen: 38.615 ng

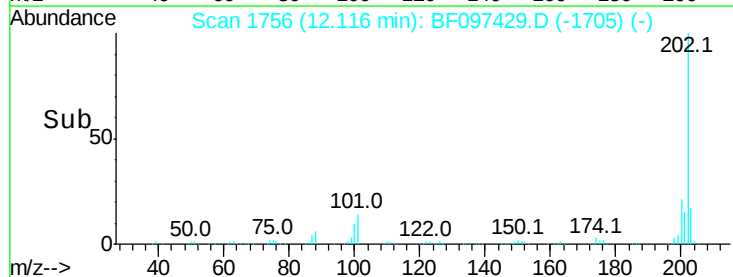
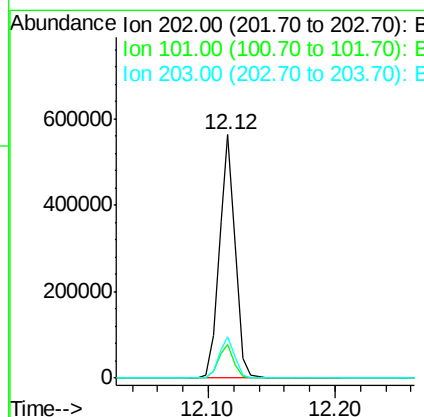
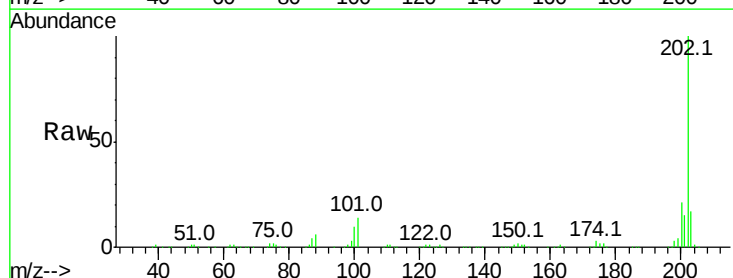
RT: 12.12 min Scan# 1756

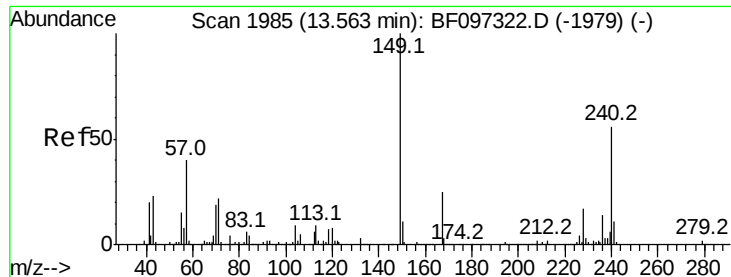
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	202	Resp:	495035
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB101306BS

Tot Ion:240 Resp: 143262

Ion Ratio Lower Upper

240 100

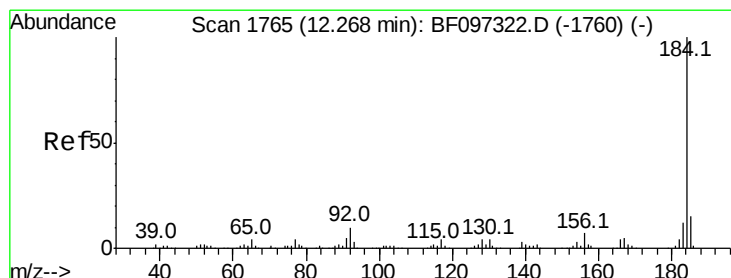
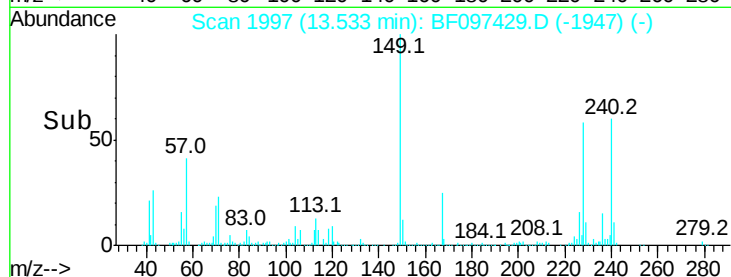
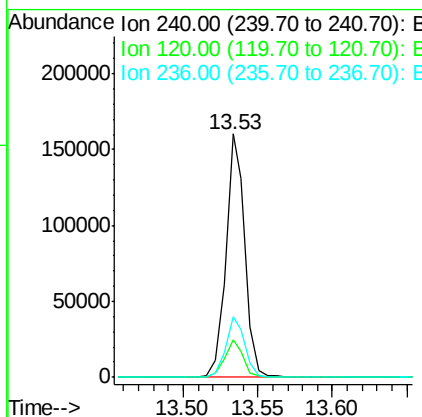
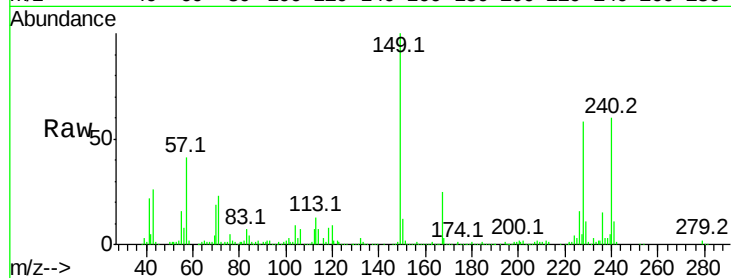
120 15.6 5.8 8.8#

236 25.0 20.5 30.7

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#76

Benzidine

Concen: 21.258 ng

RT: 12.24 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

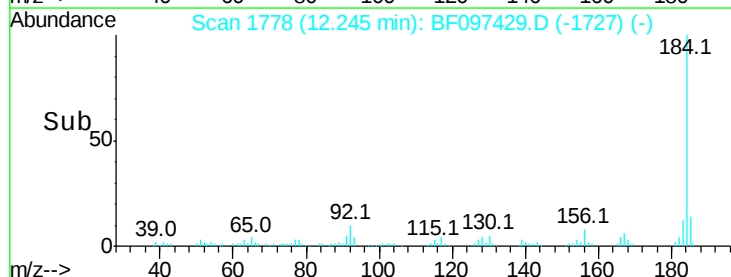
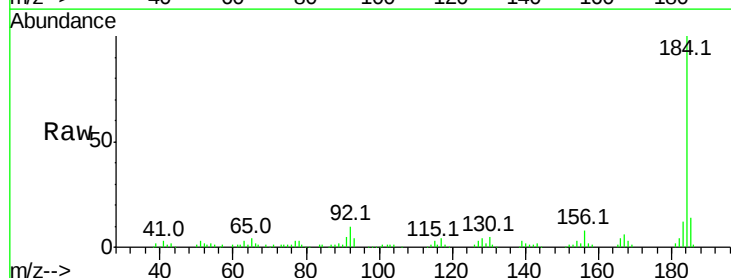
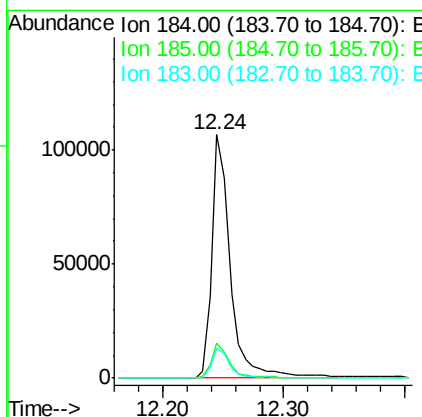
Tgt Ion:184 Resp: 113003

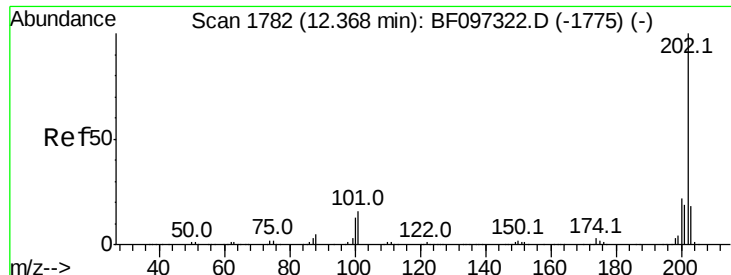
Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

183 12.2 9.8 14.6





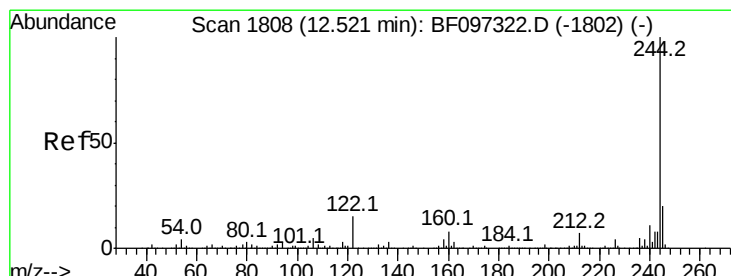
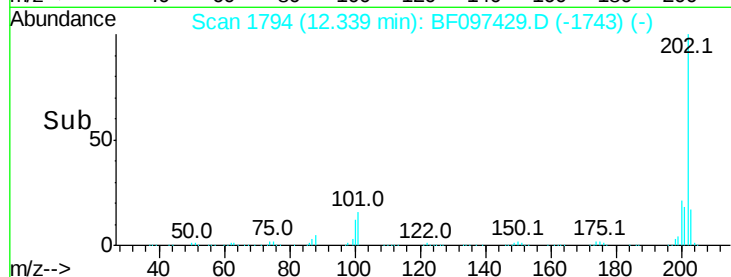
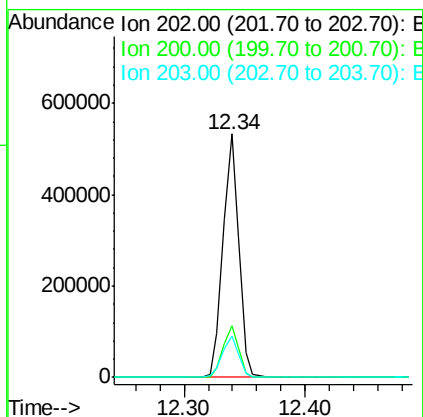
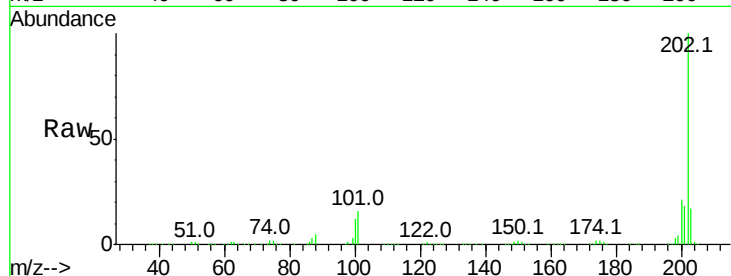
#77
Pvrene
Concen: 40.912 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.6	26.4
203	16.9	14.4	21.6

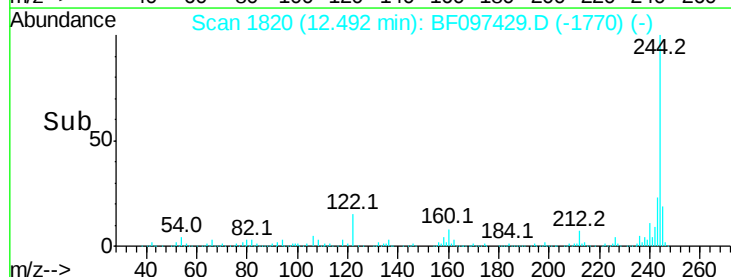
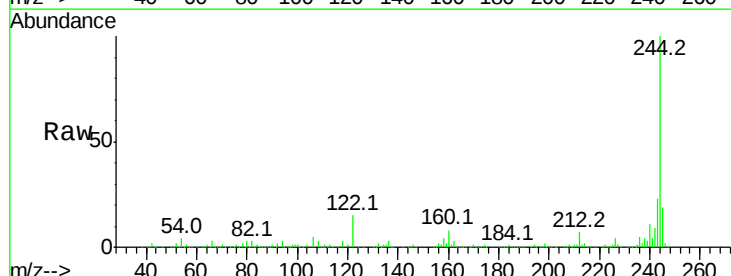
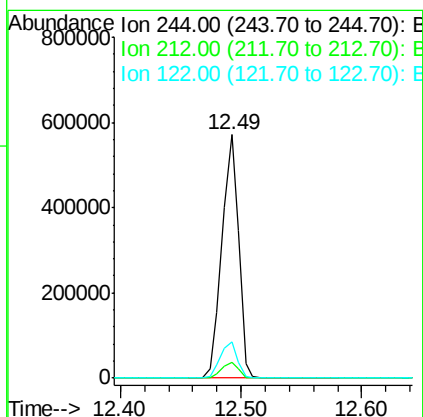
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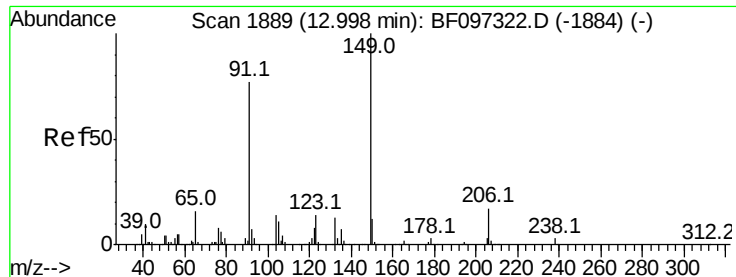
Sohil
8/9/2017 7:55:49 PM



#78
Terphenyl-d14
Concen: 77.298 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.0	10.3	15.5





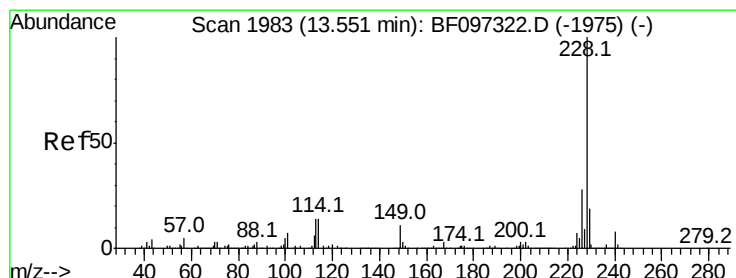
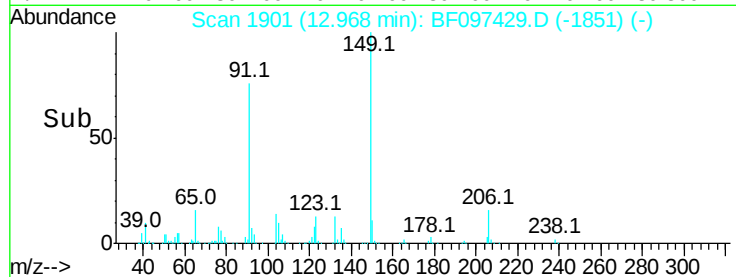
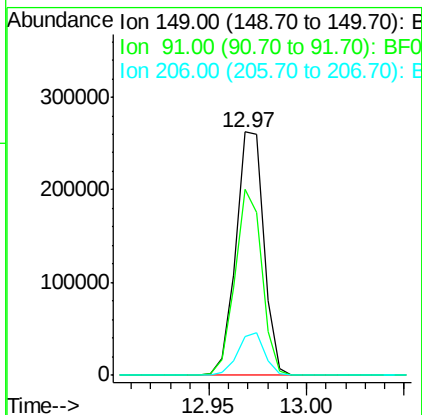
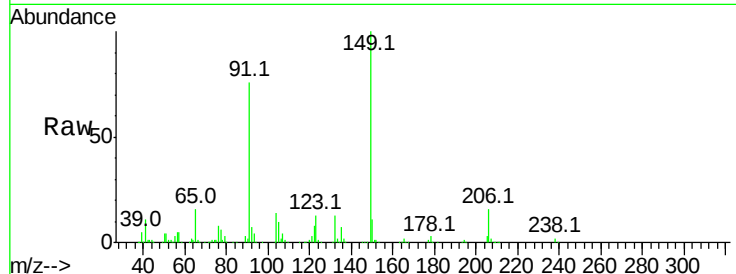
#79
Butylbenzylphthalate
Concen: 43.770 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	261126		
91	76.2	45.0	67.4#	
206	15.8	17.0	25.6#	

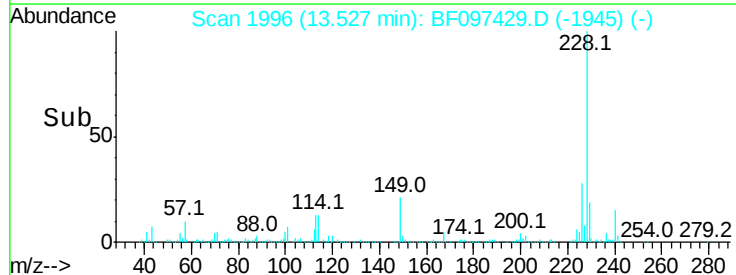
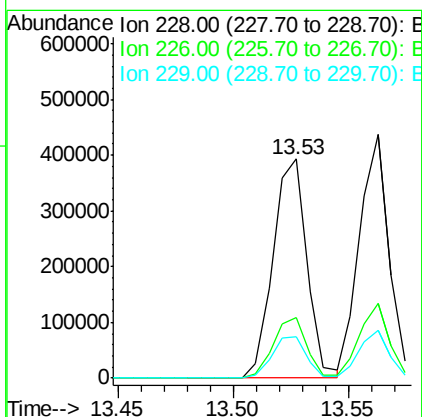
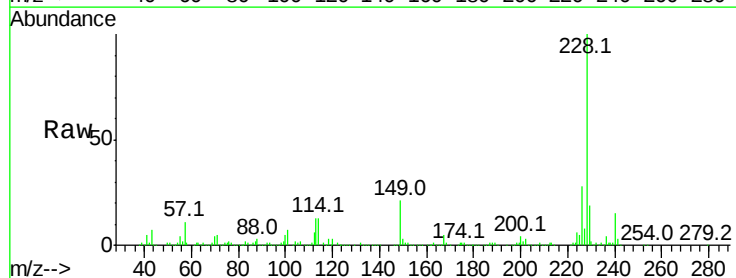
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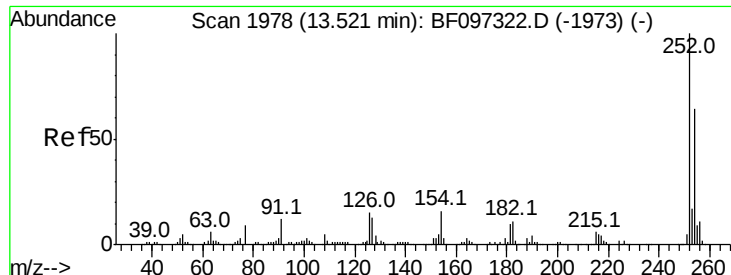
Sohil
8/9/2017 7:55:49 PM



#80
Benzo(a)anthracene
Concen: 42.999 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	398586		
226	27.9	22.6	33.8	
229	18.9	16.3	24.5	





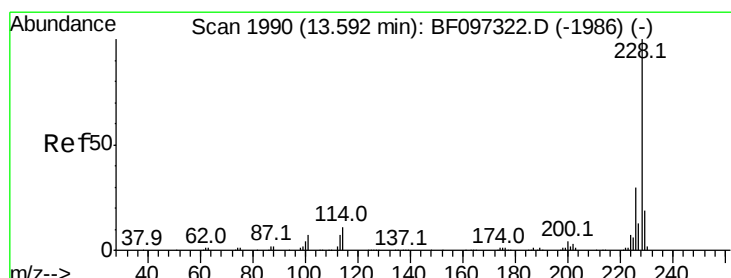
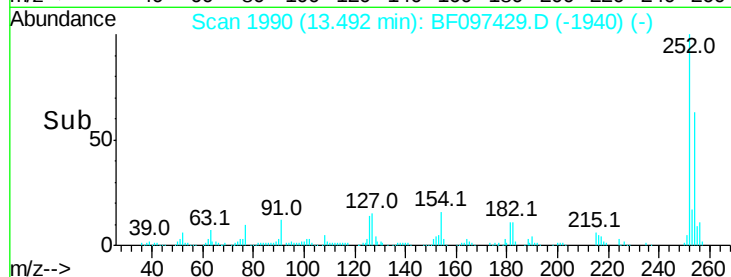
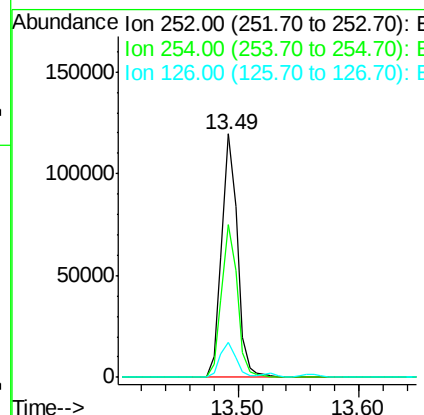
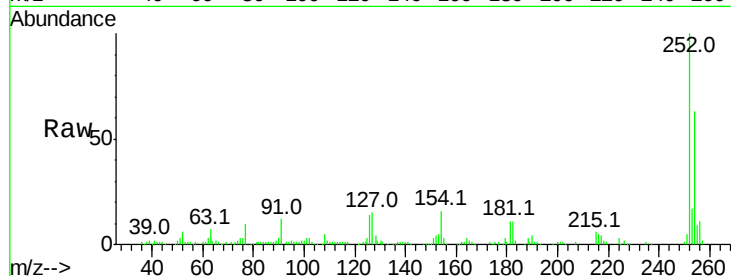
#81
 3,3'-Dichlorobenzidine
 Concen: 30.687 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	107269		
254	62.6		51.5	77.3
126	14.3		15.8	23.8

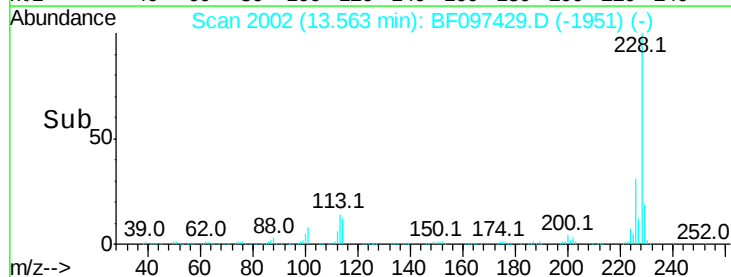
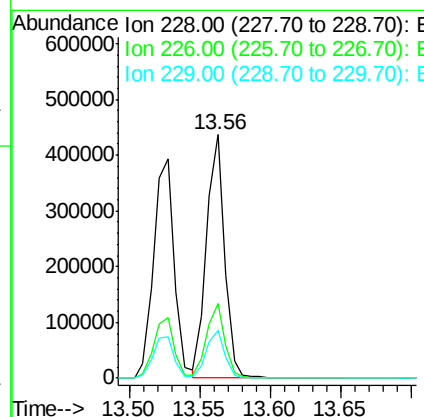
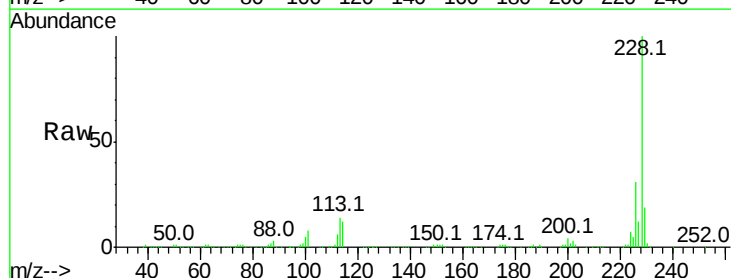
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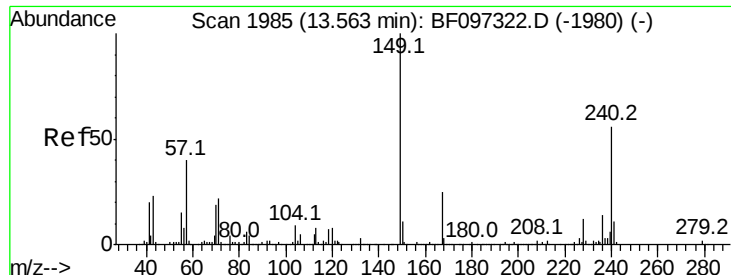
Sohil
 8/9/2017 7:55:49 PM



#82
 Chrysene
 Concen: 43.150 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	390575		
226	30.8		24.9	37.3
229	19.4		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.203 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

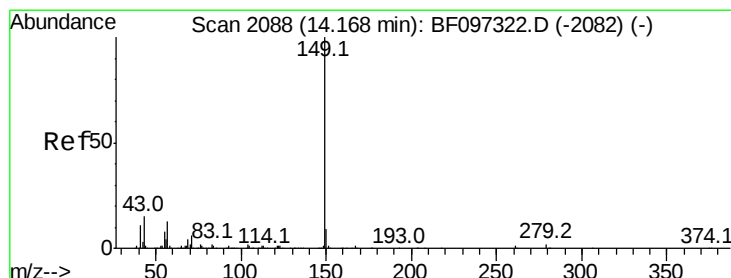
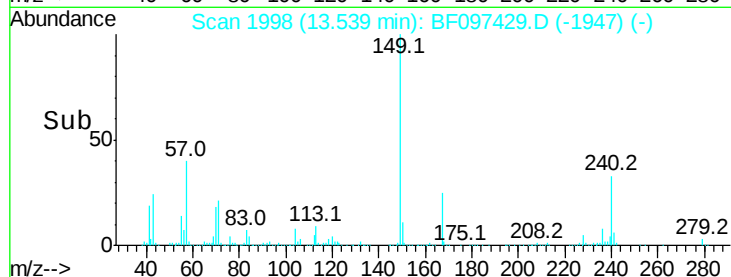
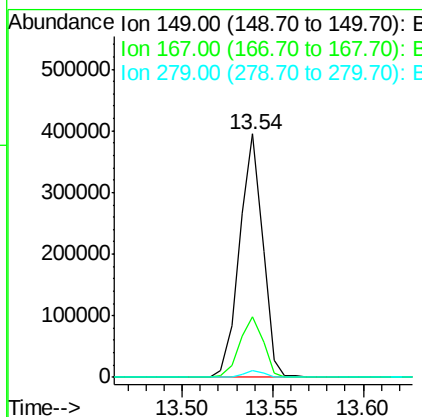
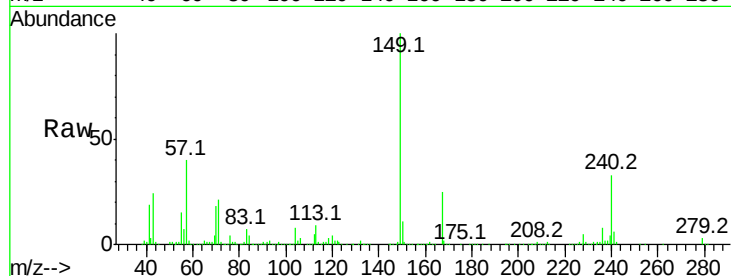
ClientSampleId :

PB101306BS

Tot Ion:	149	Resp:	352103
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.0	31.4
279	2.7	1.9	2.9

Manual Integrations
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8/9/2017 7:55:49 PM



#84

Di-n-octyl phthalate

Concen: 42.029 ng

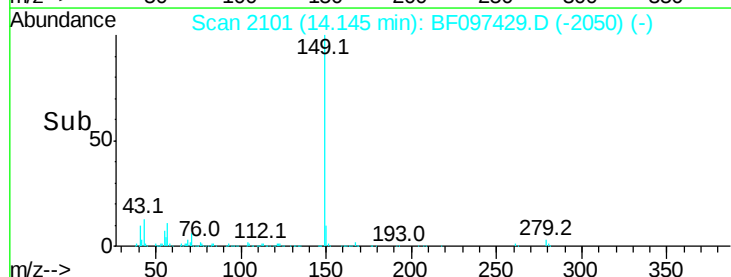
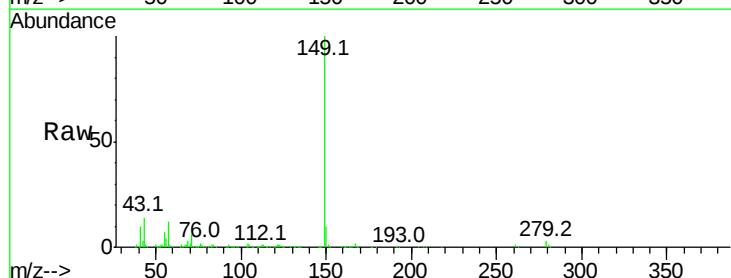
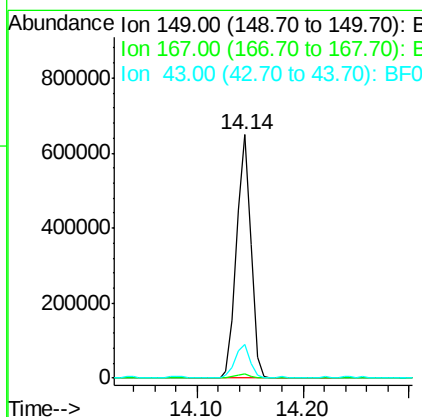
RT: 14.14 min Scan# 2101

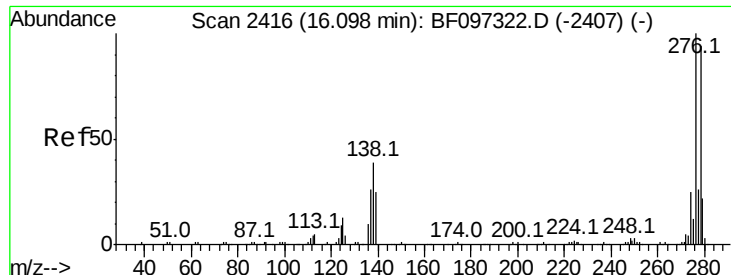
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	149	Resp:	600784
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	13.7	8.5	12.7#





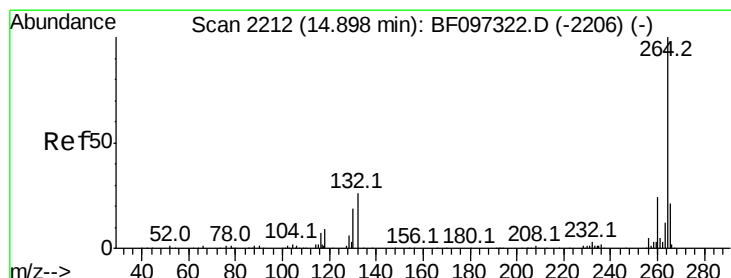
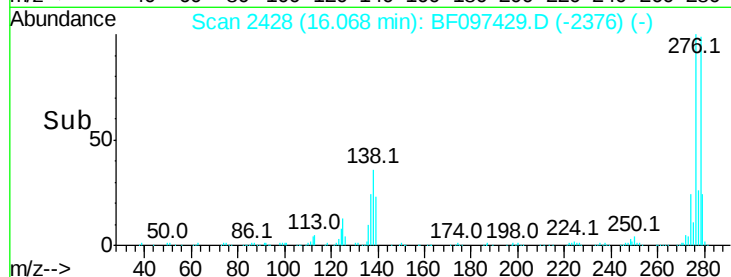
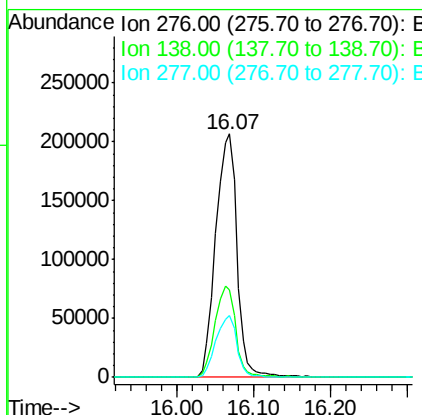
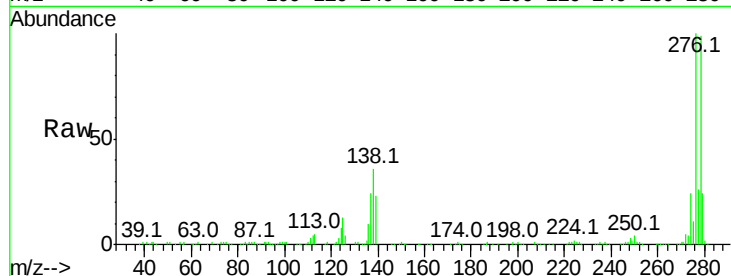
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.989 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	395752		
138	36.8		27.8	41.6
277	25.0		20.2	30.4

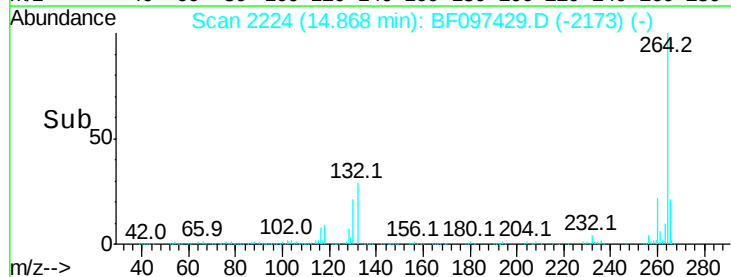
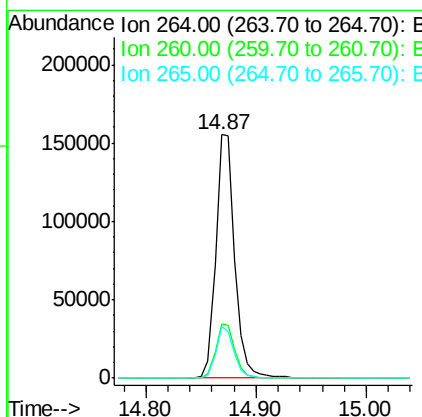
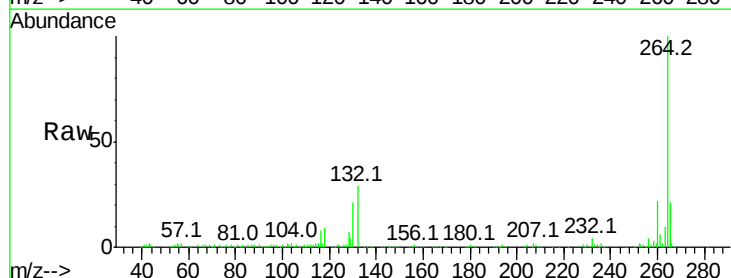
Manual Integrations
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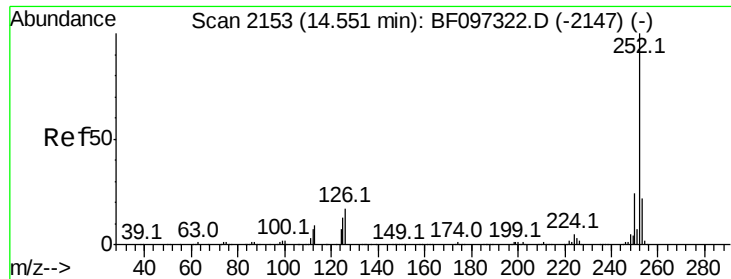
Sohil
8/9/2017 7:55:49 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	183025		
260	22.4		19.5	29.3
265	21.2		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.268 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Instrument :

BNA_F

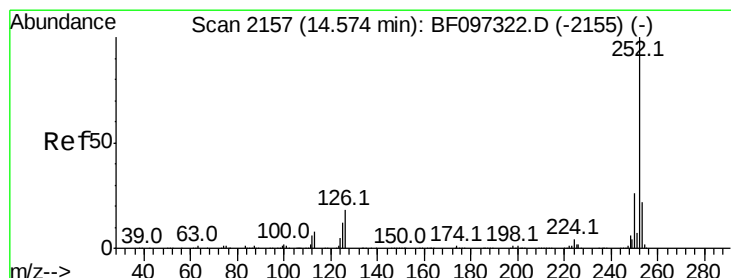
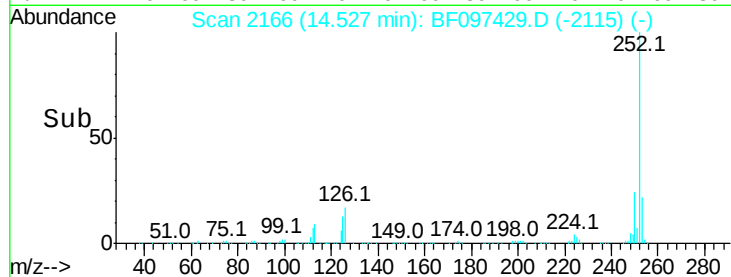
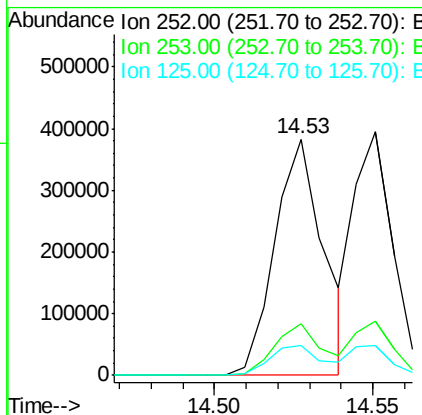
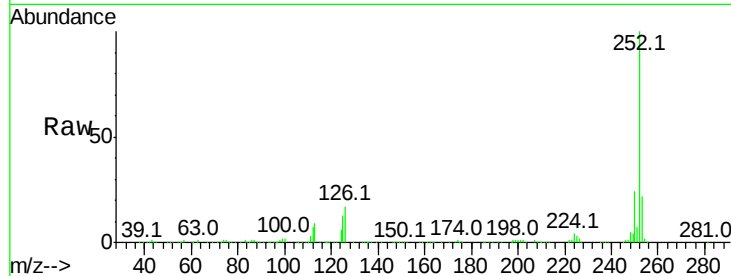
ClientSampleId :

PB101306BS

Tot Ion:	252	Resp:	410022
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	12.6	9.8	14.8

Manual Integrations
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8/9/2017 7:55:49 PM



#88

Benzo(k)fluoranthene

Concen: 32.687 ng m

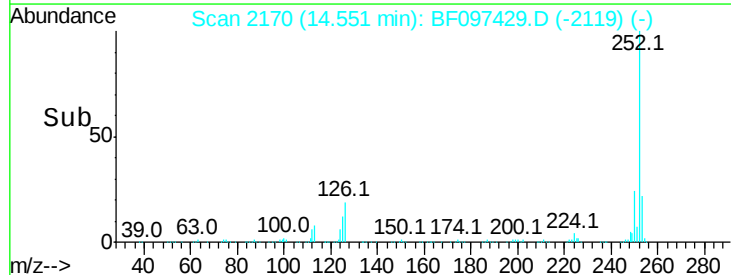
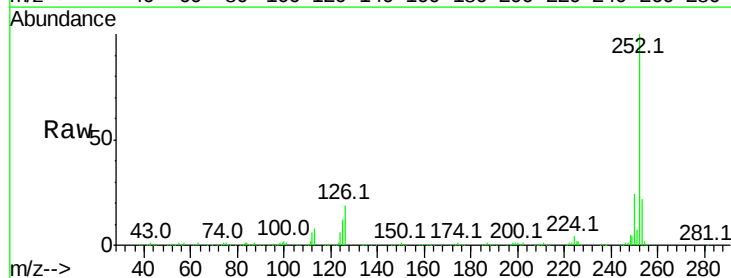
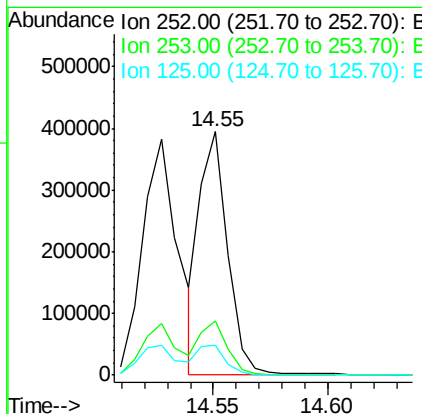
RT: 14.55 min Scan# 2170

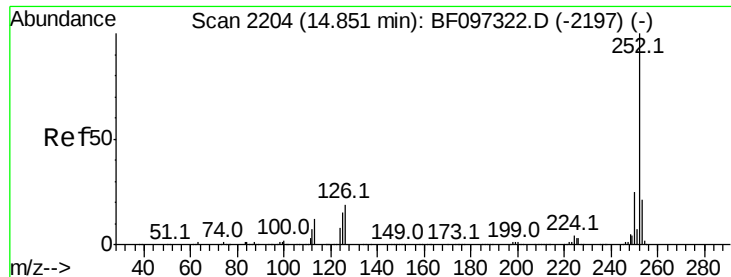
Delta R.T. 0.00 min

Lab File: BF097429.D

Acq: 7 Aug 2017 15:00

Tgt Ion:	252	Resp:	342686
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	12.2	13.1	19.7#





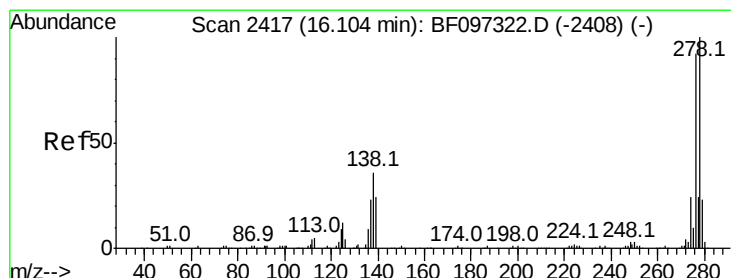
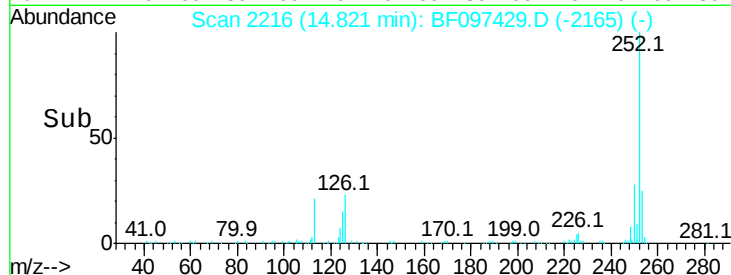
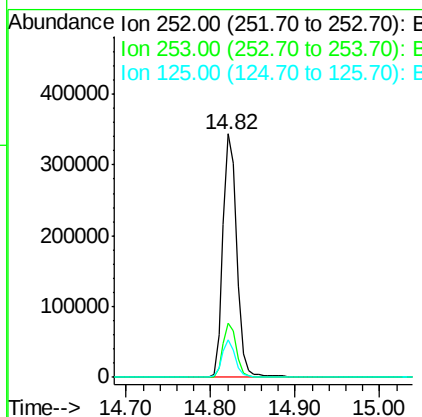
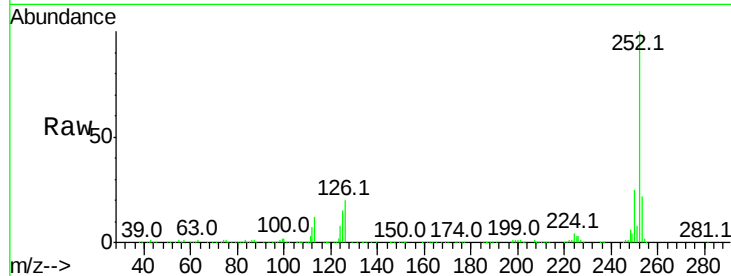
#89
Benzo(a)pyrene
Concen: 39.540 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Instrument :
BNA_F
ClientSampleId :
PB101306BS

Tot Ion:	252	Resp:	398145
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	15.2	11.0	16.4

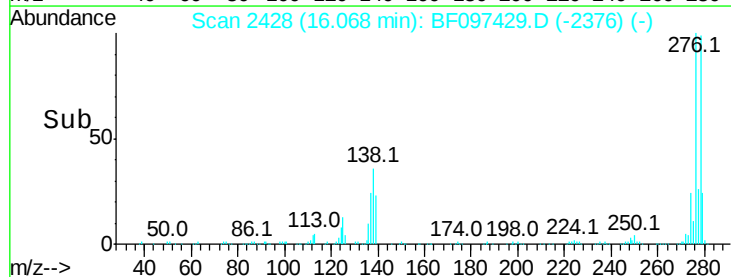
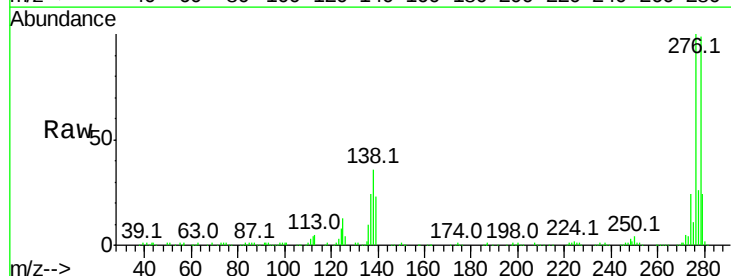
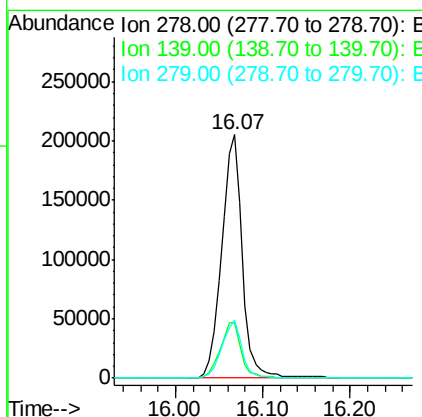
Manual Integrations
APPROVED

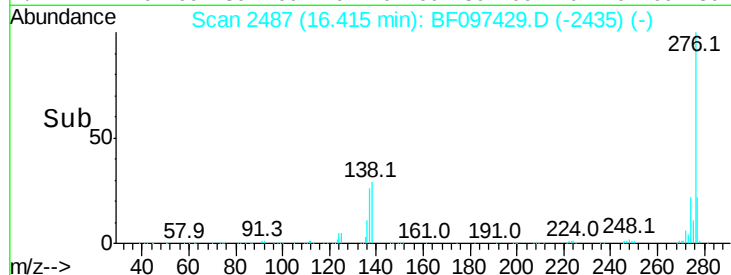
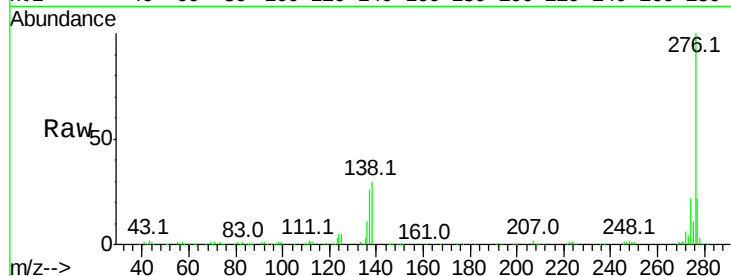
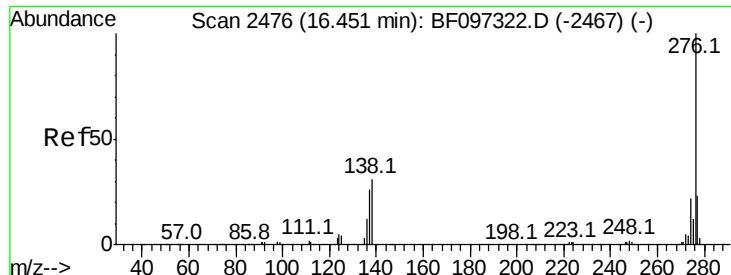
Sohil
8/9/2017 7:55:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.591 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097429.D
Acq: 7 Aug 2017 15:00

Tgt Ion:	278	Resp:	335175
Ion Ratio	Lower	Upper	
278	100		
139	23.0	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.562 ng
 RT: 16.42 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BF097429.D
 Acq: 7 Aug 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.5	18.6	28.0
138	29.9	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:55:49 PM

