

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097739.D
 Acq On : 16 Aug 2017 15:22
 Operator : SJ/JU
 Sample : PB101499BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:57:34 PM

Quant Time: Aug 17 01:39:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142354	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	574796	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	271633	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	529055	20.00	ng	0.00
75) Chrysene-d12	13.93	240	327107	20.00	ng	0.00
86) Perylene-d12	15.36	264	255104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1123726	120.07	ng	0.01
7) Phenol-d6	6.42	99	1514042	119.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	947918	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	332359	141.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1498377	81.04	ng	0.00
78) Terphenyl-d14	12.89	244	1293757	82.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	168998	32.379	ng	91
3) Pyridine	3.29	79	489759	33.943	ng	88
4) n-Nitrosodimethylamine	3.24	42	195939	35.292	ng	81
6) Aniline	6.45	93	294904	16.509	ng	96
8) 2-Chlorophenol	6.57	128	373168	37.809	ng	98
9) Benzaldehyde	6.33	77	159115	19.755	ng	87
10) Phenol	6.43	94	529304	35.591	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	413154	36.807	ng	96
12) 1,3-Dichlorobenzene	6.72	146	372268	35.065	ng	# 94
13) 1,4-Dichlorobenzene	6.80	146	376911	34.907	ng	94
14) 1,2-Dichlorobenzene	6.95	146	351669	35.323	ng	99
15) Benzyl Alcohol	6.92	79	385961	40.541	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	569885	37.734	ng	93
17) 2-Methylphenol	7.03	107	347653	39.971	ng	96
18) Hexachloroethane	7.29	117	154538	36.506	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	317675	36.495	ng	90
20) 3+4-Methylphenols	7.19	107	419121	39.453	ng	97
22) Acetophenone	7.19	105	560277	36.897	ng	# 89
24) Nitrobenzene	7.36	77	479699	40.718	ng	94
25) Isophorone	7.60	82	884675	40.210	ng	97
26) 2-Nitrophenol	7.68	139	188693	44.624	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	354424	38.626	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	553821	38.289	ng	99
29) 2,4-Dichlorophenol	7.92	162	307828	40.415	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	307634	36.434	ng	100
31) Naphthalene	8.09	128	1095008	36.695	ng	100
32) Benzoic acid	7.84	122	254935	39.449	ng	90
33) 4-Chloroaniline	8.13	127	135044	10.731	ng	97
34) Hexachlorobutadiene	8.20	225	178451	36.197	ng	97
35) Caprolactam	8.51	113	116043m	44.815	ng	
36) 4-Chloro-3-methylphenol	8.62	107	391762	40.033	ng	# 77
37) 2-Methylnaphthalene	8.77	142	730061	39.905	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	289249	34.697	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	346083	86.416	ng	98

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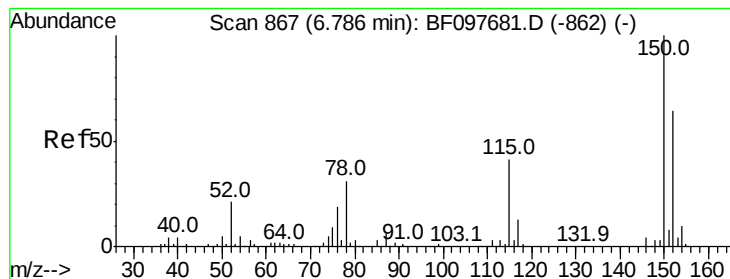
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	219419	39.204	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	226976	40.879	nq	96
45) 1,1'-Biphenyl	9.24	154	871162	35.170	nq	96
46) 2-Chloronaphthalene	9.26	162	644035	35.189	nq	# 92
47) 2-Nitroaniline	9.36	65	258977	42.208	nq	93
48) Acenaphthylene	9.68	152	1072590	37.319	nq	99
49) Dimethylphthalate	9.55	163	790859	39.831	nq	100
50) 2,6-Dinitrotoluene	9.60	165	168527	42.521	nq	# 57
51) Acenaphthene	9.85	154	666002	36.742	nq	99
52) 3-Nitroaniline	9.77	138	89545	17.512	nq	89
53) 2,4-Dinitrophenol	9.87	184	166091	87.071	nq	# 78
54) Dibenzofuran	10.03	168	963191	39.648	nq	99
55) 4-Nitrophenol	9.93	139	317578	77.855	nq	# 38
56) 2,4-Dinitrotoluene	10.01	165	228808	46.002	nq	# 59
57) Fluorene	10.37	166	715396	38.088	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	191049	44.442	nq	95
59) Diethylphthalate	10.25	149	847710	40.826	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	337089	38.631	nq	# 85
61) 4-Nitroaniline	10.39	138	179385	36.910	nq	# 74
62) Azobenzene	10.52	77	1014919	41.149	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	107616	44.004	nq	92
65) n-Nitrosodiphenylamine	10.48	169	673388	37.377	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	215177	39.166	nq	95
67) Hexachlorobenzene	10.91	284	205760	36.745	nq	# 85
68) Atrazine	11.01	200	207964	43.527	nq	97
69) Pentachlorophenol	11.10	266	253414	77.616	nq	99
70) Phenanthrene	11.33	178	1048397	37.188	nq	100
71) Anthracene	11.38	178	1089127	38.089	nq	99
72) Carbazole	11.53	167	1005785	37.056	nq	98
73) Di-n-butylphthalate	11.87	149	1335679	42.723	nq	99
74) Fluoranthene	12.51	202	1086417	36.921	nq	98
76) Benzidine	12.63	184	308293	28.745	nq	# 92
77) Pyrene	12.74	202	1099347	41.092	nq	98
79) Butylbenzylphthalate	13.37	149	529057	51.578	nq	# 76
80) Benzo(a)anthracene	13.92	228	740883	37.791	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	148421	22.435	nq	# 97
82) Chrysene	13.96	228	723942	37.121	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	657194	57.819	nq	# 99
84) Di-n-octyl phthalate	14.54	149	1100501	55.646	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	628921	43.838	nq	94
87) Benzo(b)fluoranthene	14.95	252	621209	38.632	nq	100
88) Benzo(k)fluoranthene	14.98	252	530189	35.095	nq	# 95
89) Benzo(a)pyrene	15.30	252	555786	39.043	nq	98
90) Dibenzo(a,h)anthracene	16.78	278	517105	44.620	nq	98
91) Benzo(g,h,i)perylene	17.19	276	542695	44.879	nq	# 93

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



#1

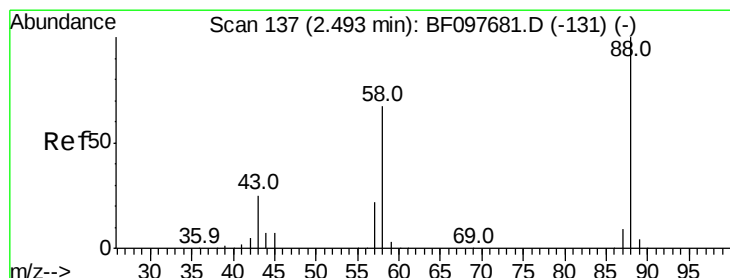
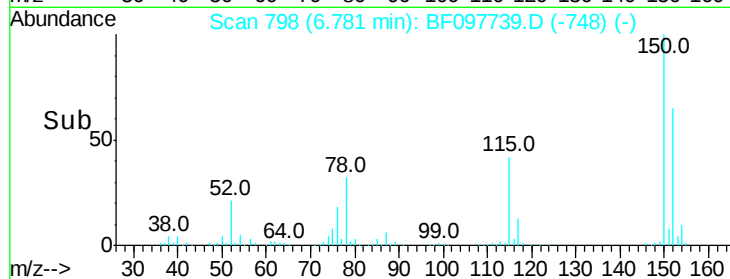
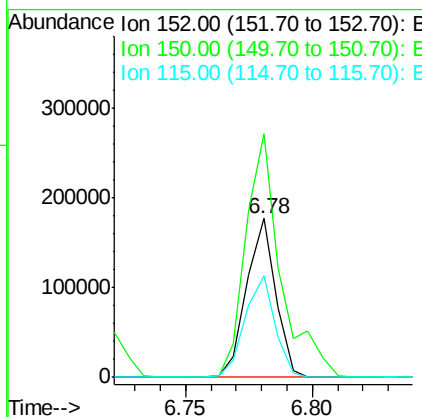
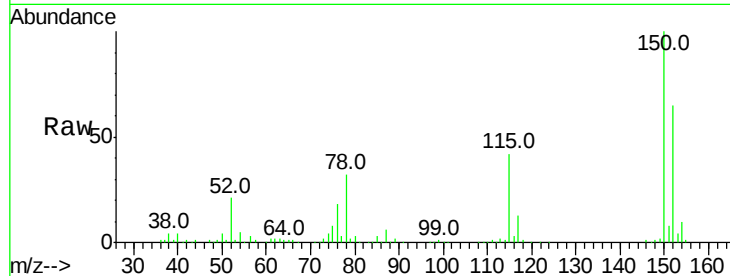
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	64.0	52.2	78.2

Manual Integrations
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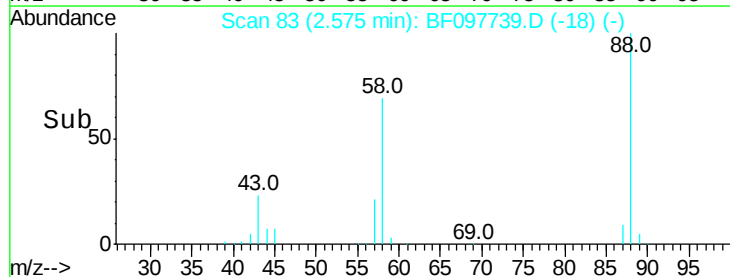
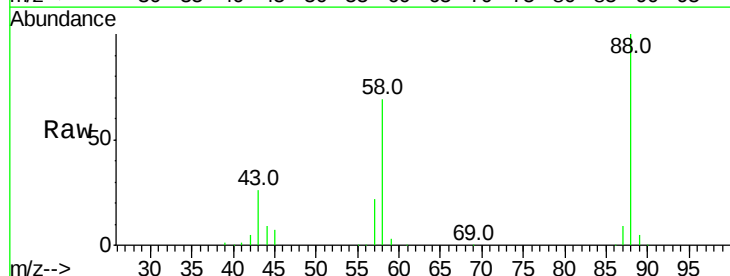
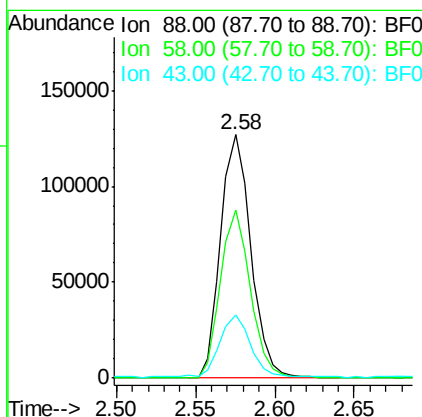
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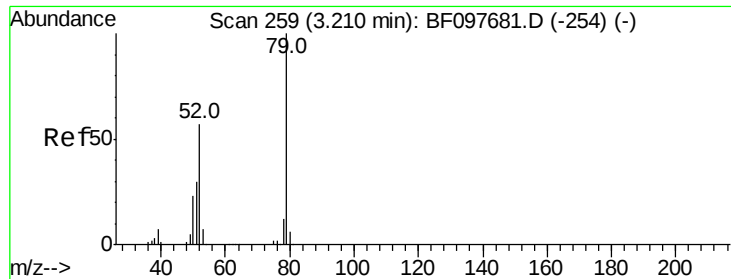


#2

1,4-Dioxane
Concen: 32.379 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	61.4	92.0
43	25.9	23.4	35.0





#3

Pvridine

Concen: 33.943 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

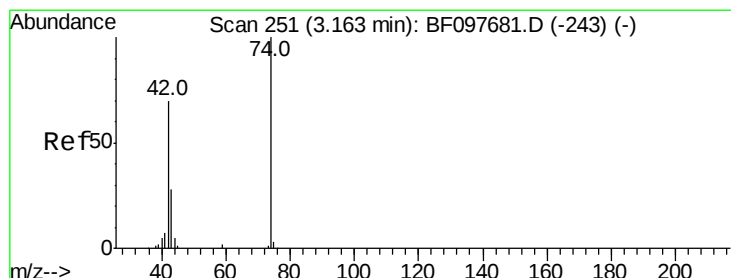
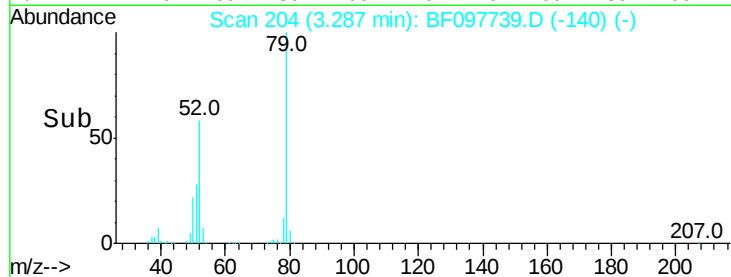
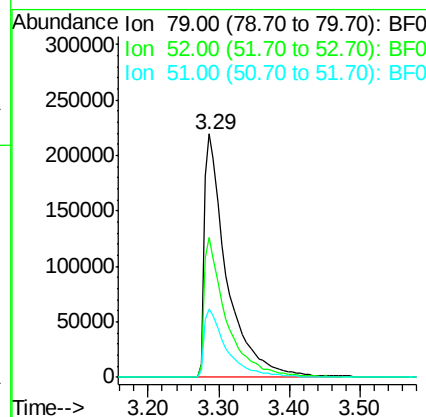
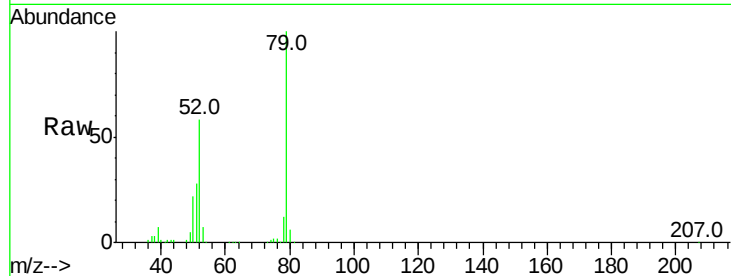
ClientSampleId :

PB101499BS

Tot Ion:	79	Resp:	489759
Ion Ratio	Lower	Upper	
79	100		
52	57.6	54.8	82.2
51	27.9	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 35.292 ng

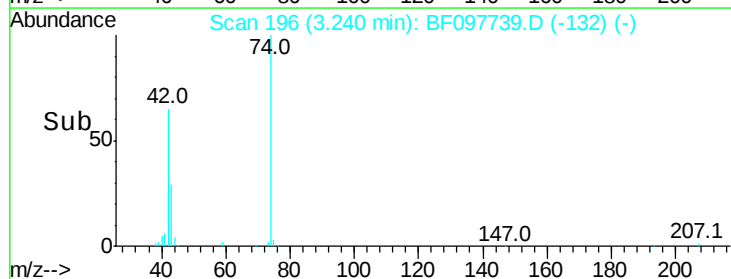
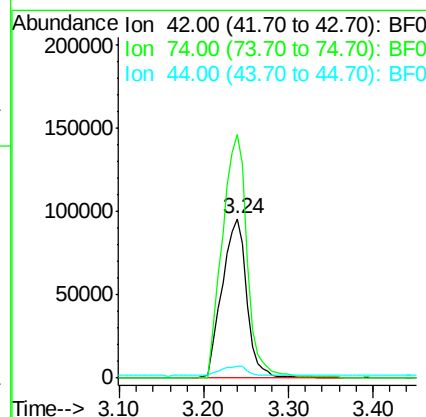
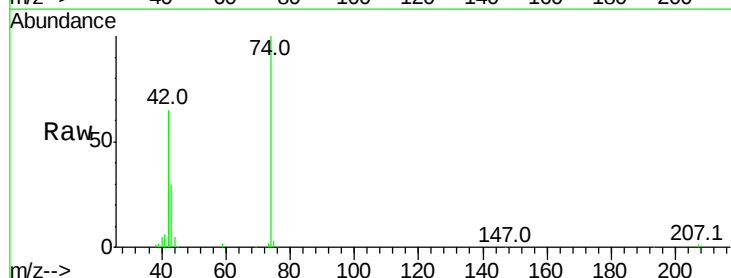
RT: 3.24 min Scan# 196

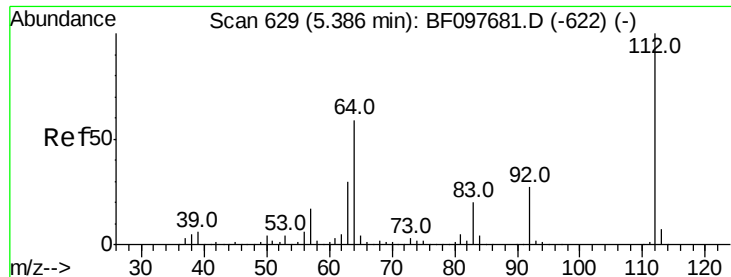
Delta R.T. 0.08 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	42	Resp:	195939
Ion Ratio	Lower	Upper	
42	100		
74	152.9	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 120.072 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

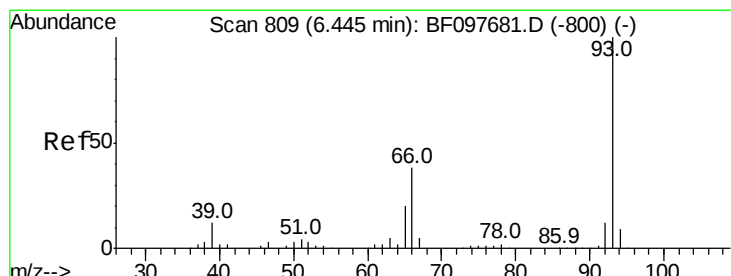
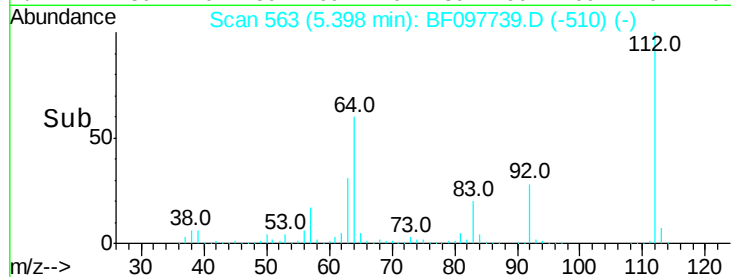
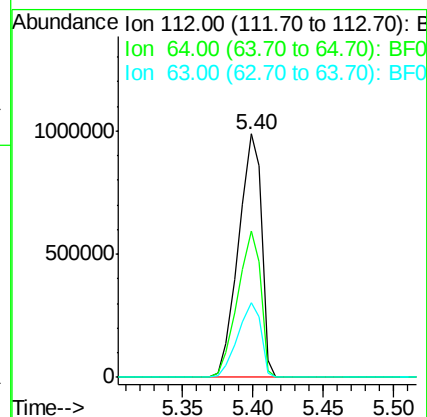
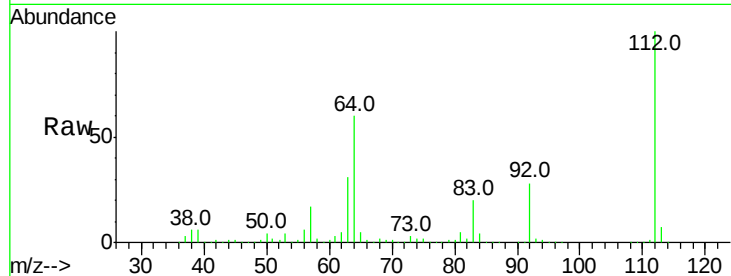
ClientSampleId :

PB101499BS

Tot Ion:	112	Resp:	1123726
Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.0	69.0
63	30.6	23.4	35.0

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#6

Aniline

Concen: 16.509 ng

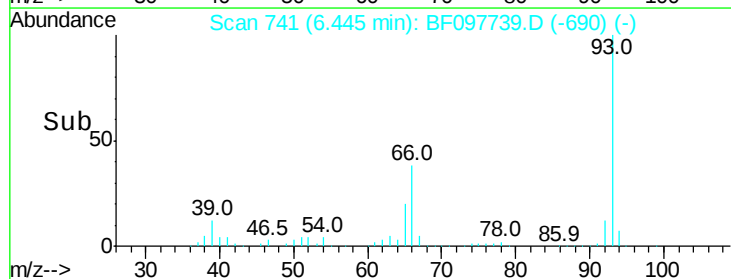
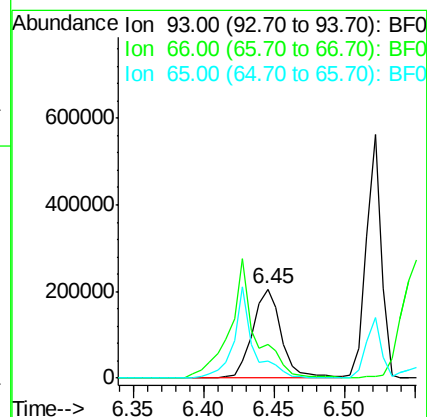
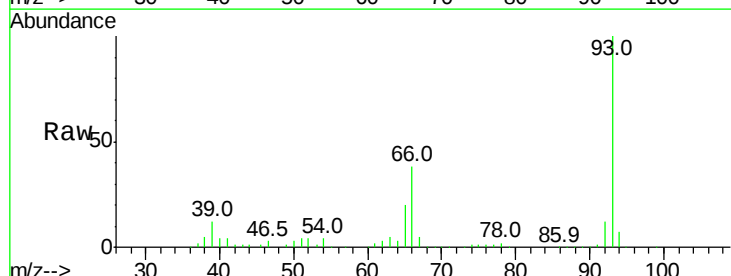
RT: 6.45 min Scan# 741

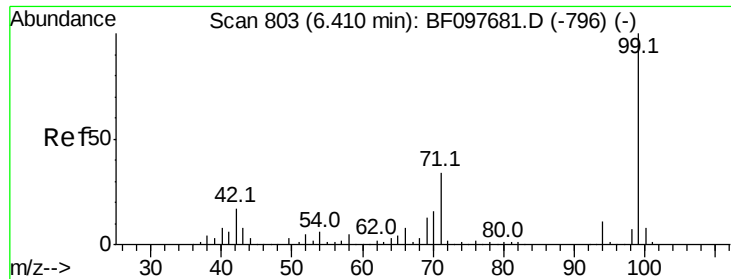
Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	93	Resp:	294904
Ion	Ratio	Lower	Upper
93	100		
66	37.7	32.9	49.3
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 119.067 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

Tot Ion: 99 Resp: 1514042

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

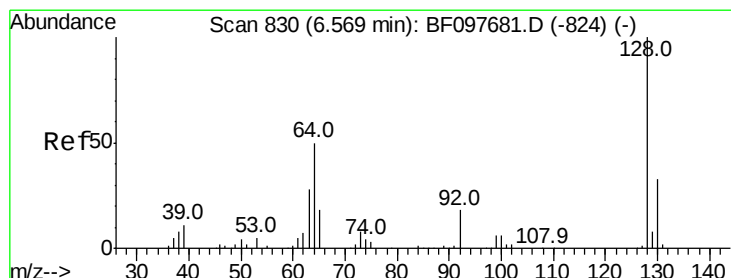
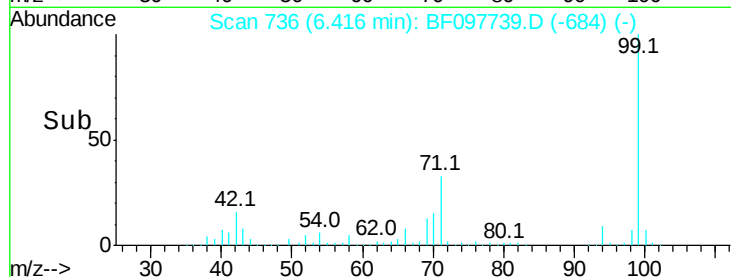
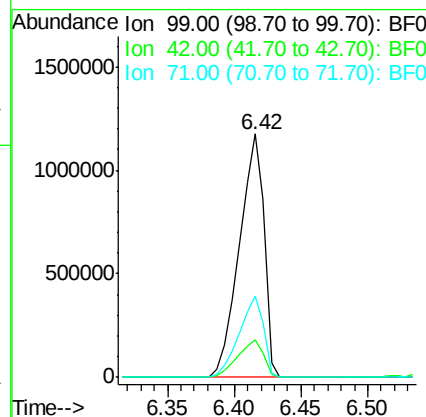
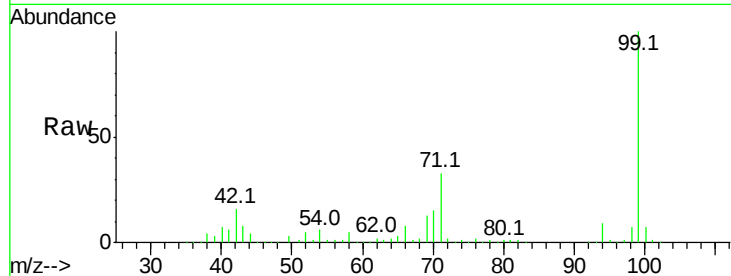
71 33.1 24.5 36.7

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#8

2-Chlorophenol

Concen: 37.809 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

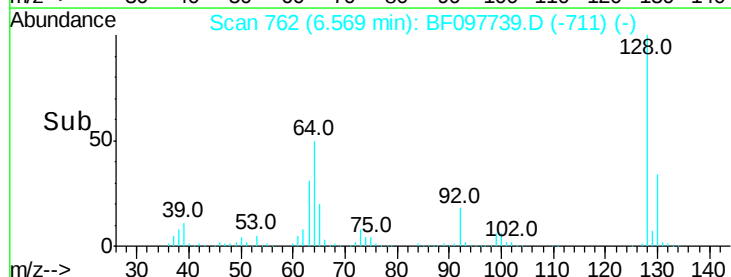
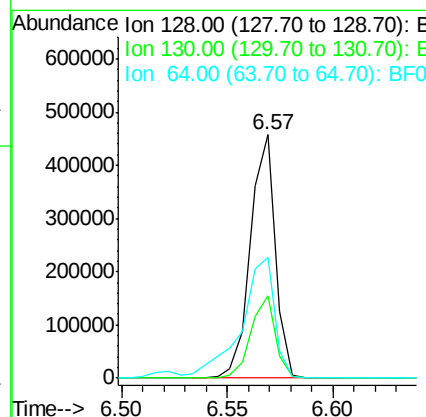
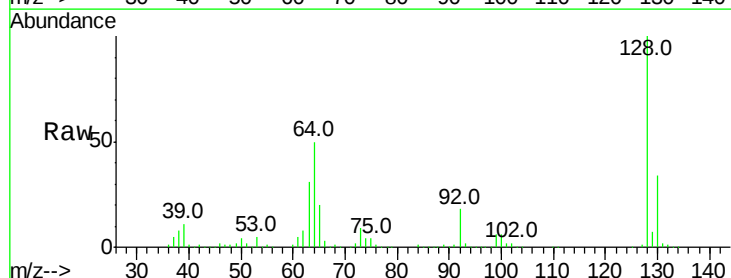
Tgt Ion:128 Resp: 373168

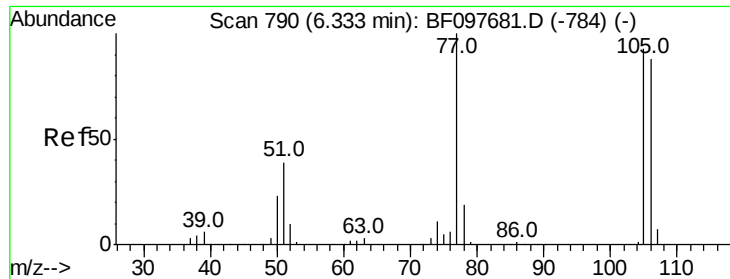
Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

64 49.7 28.4 68.4





#9

Benzaldehyde

Concen: 19.755 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

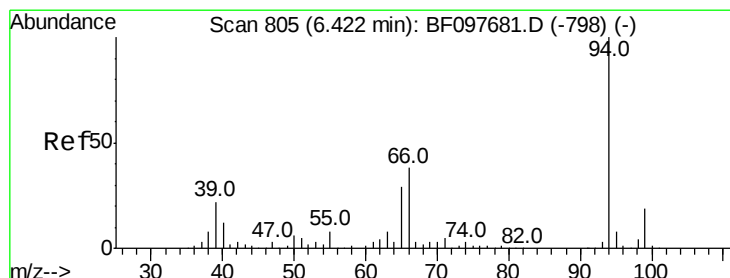
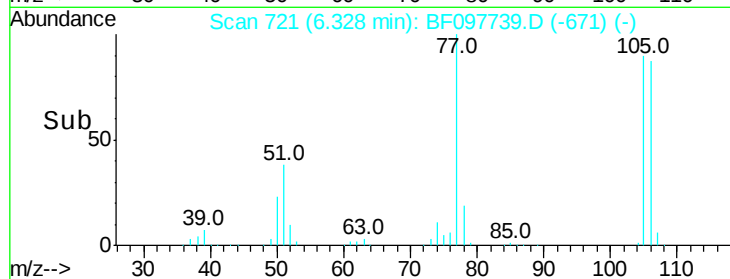
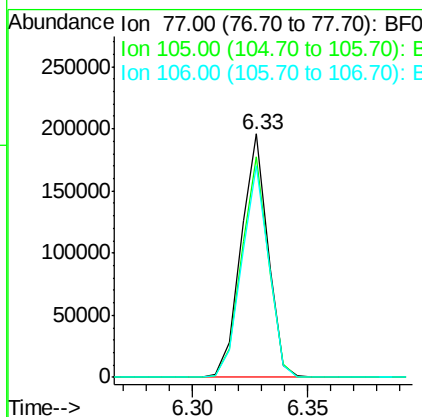
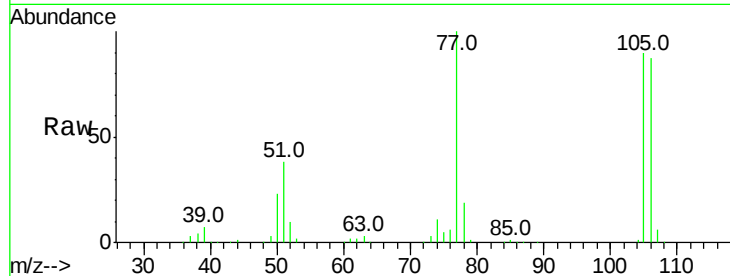
ClientSampleID :

PB101499BS

Tot Ion:	77	Resp:	159115
Ion	Ratio	Lower	Upper
77	100		
105	90.4	83.8	123.8
106	86.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 35.591 ng

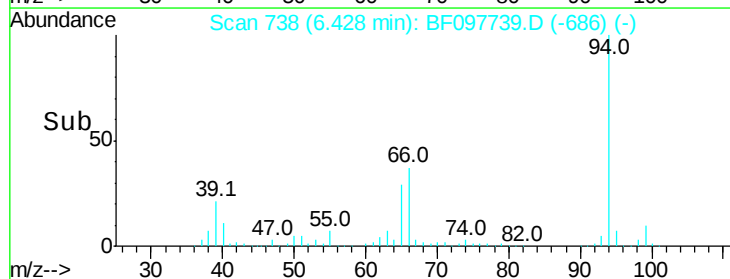
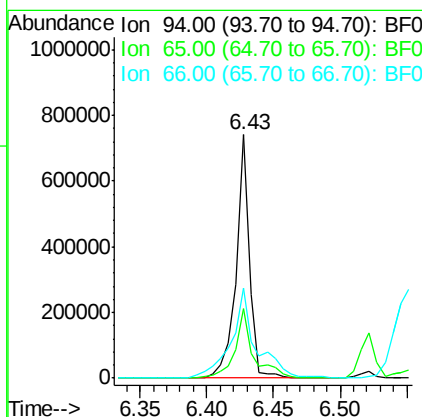
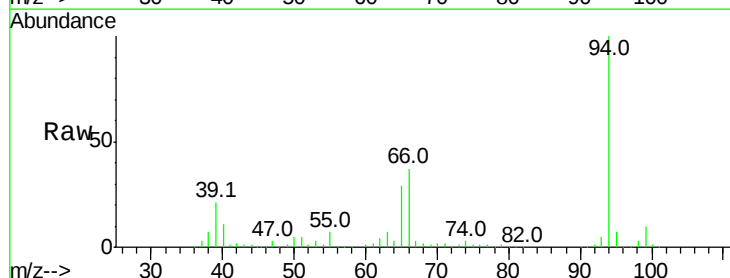
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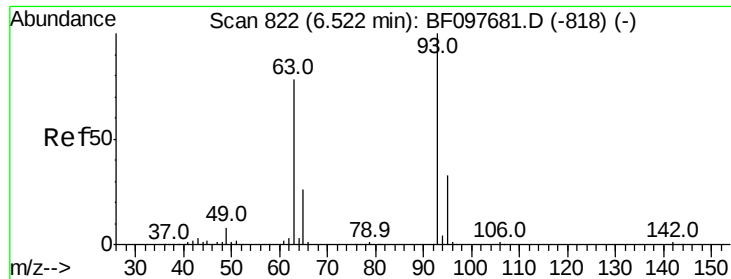
Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	94	Resp:	529304
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.9	49.9
66	37.0	23.1	63.1





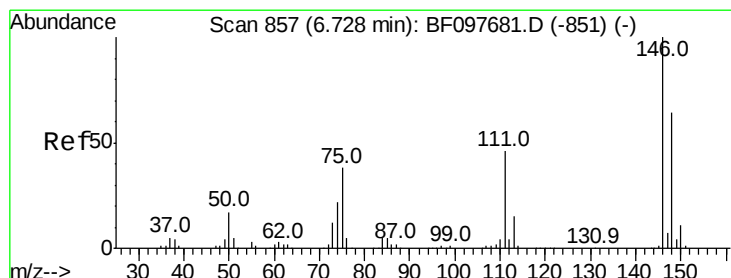
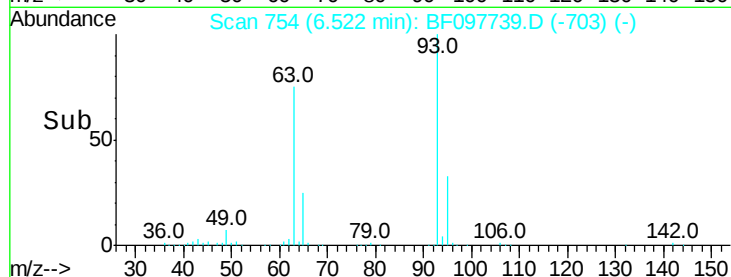
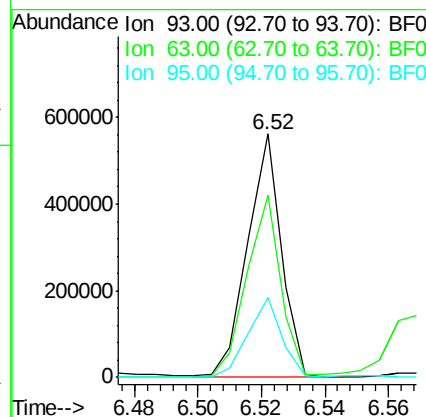
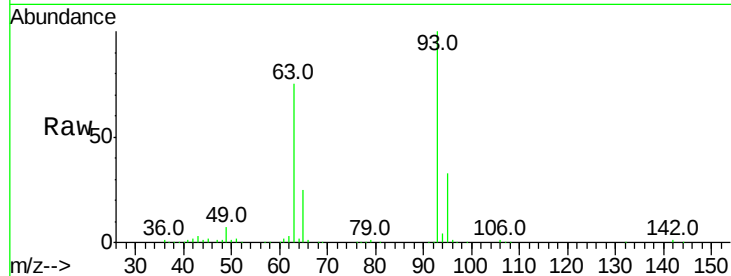
#11
bis(2-Chloroethyl)ether
Concen: 36.807 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	59.2	99.2
95	32.5	12.8	52.8

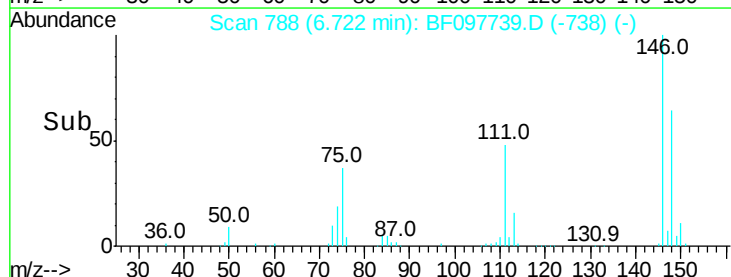
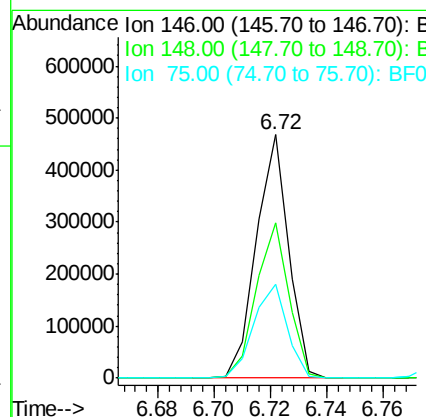
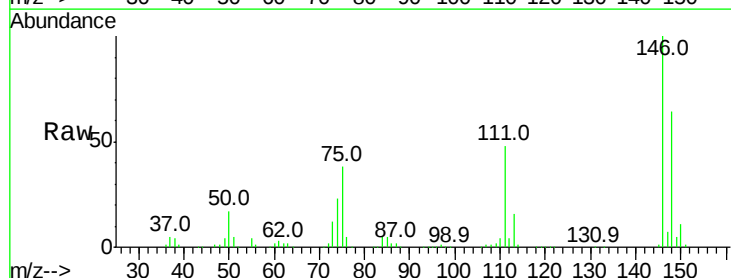
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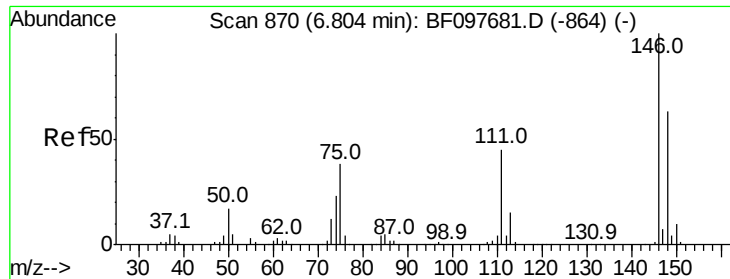
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#12
1,3-Dichlorobenzene
Concen: 35.065 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	38.4	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 34.907 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

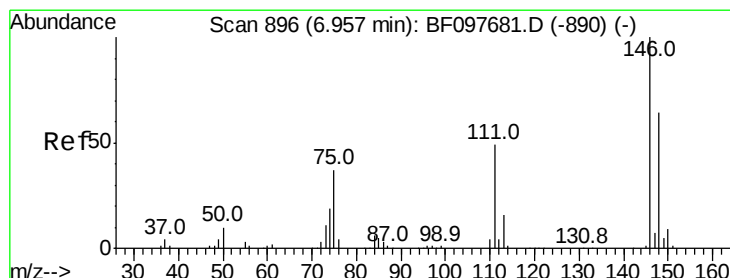
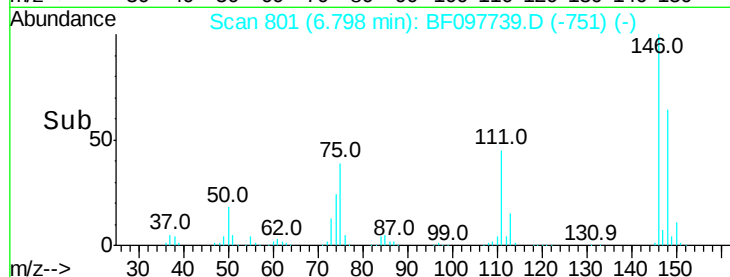
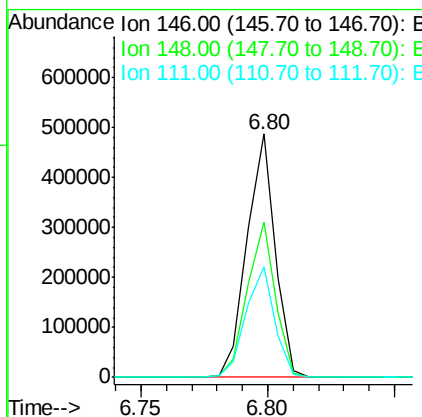
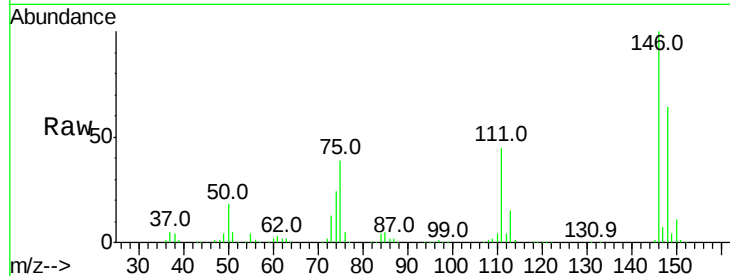
ClientSampleId :

PB101499BS

Tot Ion:	146	Resp:	376911
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	45.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 35.323 ng

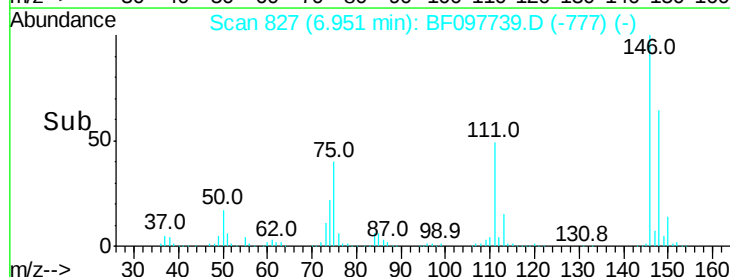
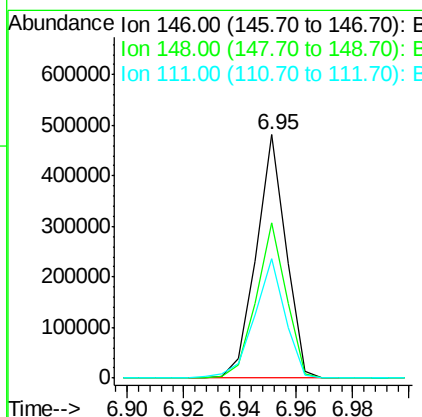
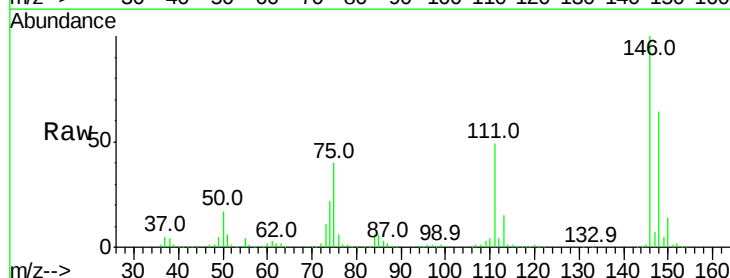
RT: 6.95 min Scan# 827

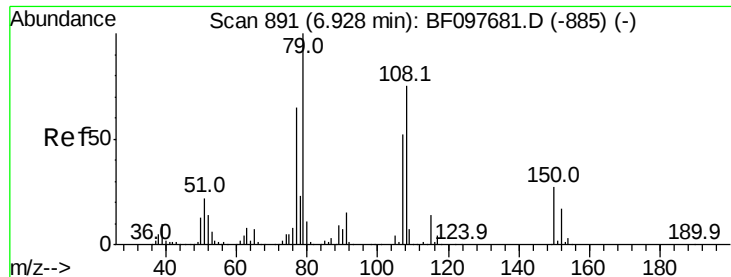
Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	146	Resp:	351669
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	48.9	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.541 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

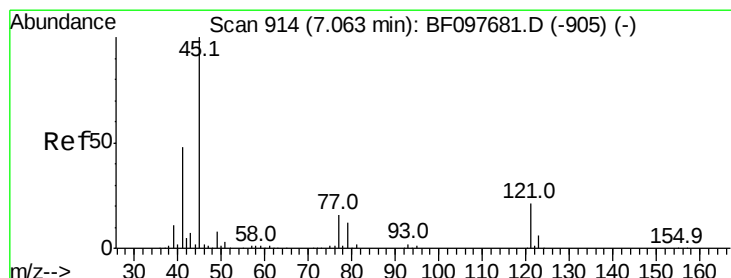
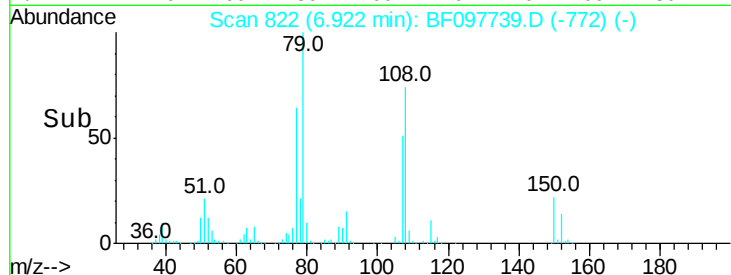
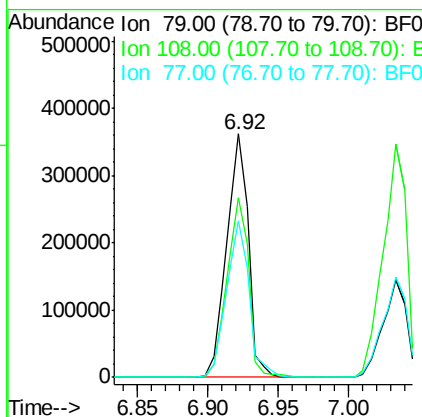
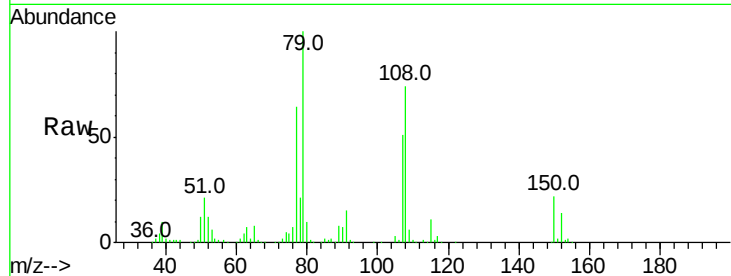
ClientSampleId :

PB101499BS

Tot Ion:	79	Resp:	385961
Ion Ratio	Lower	Upper	
79	100		
108	73.8	63.4	95.0
77	64.1	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.734 ng

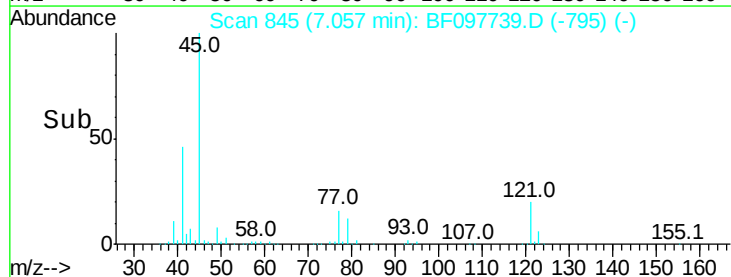
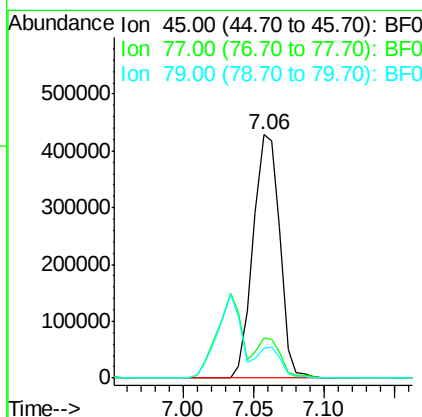
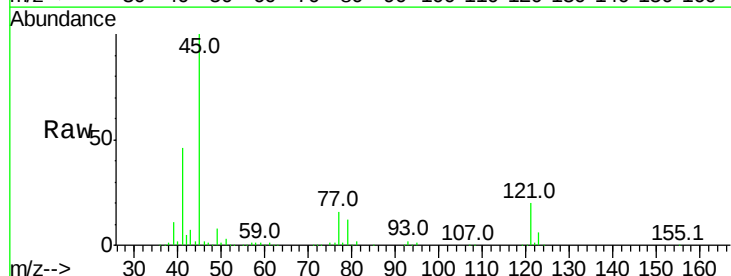
RT: 7.06 min Scan# 845

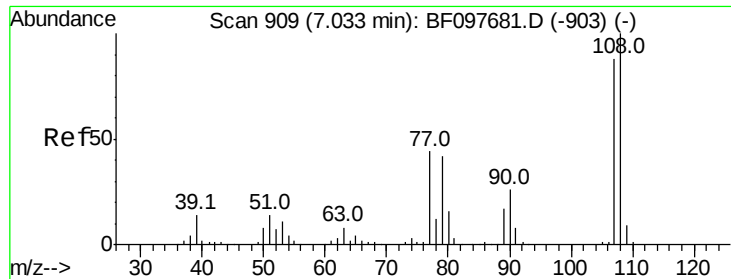
Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	45	Resp:	569885
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	33.2
79	12.2	0.0	30.0





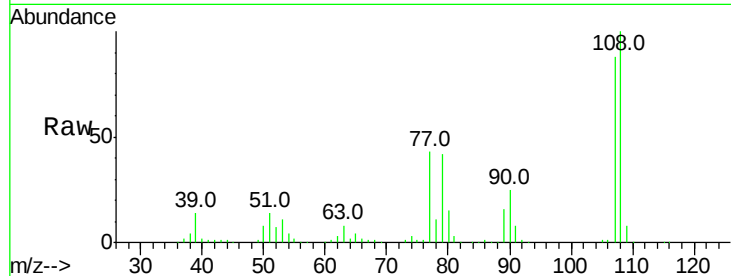
#17
2-Methylphenol
Concen: 39.971 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampled :
PB101499BS

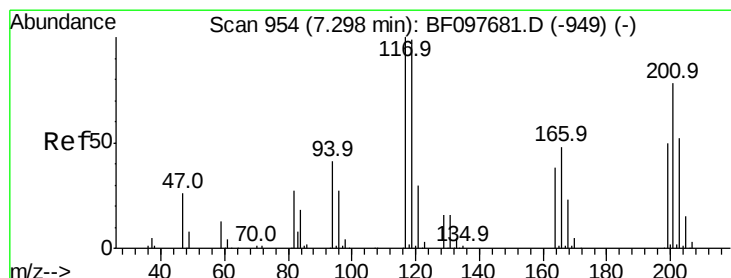
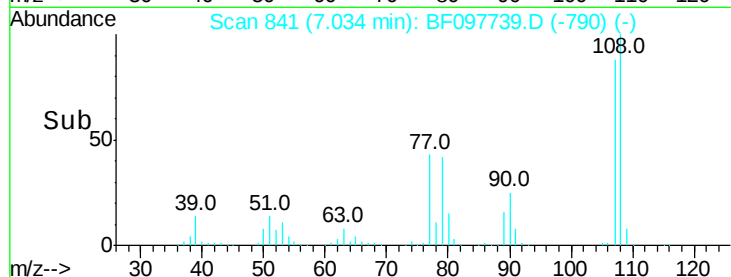
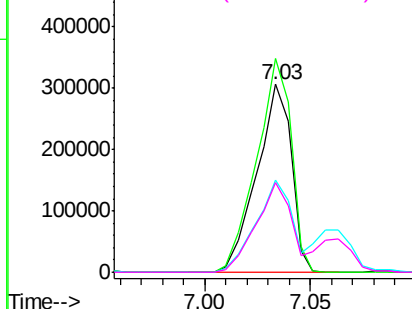
Tot Ion	107	Resp	347653
Ion Ratio	Lower	Upper	
107	100		
108	113.7	93.4	140.0
77	49.0	35.8	53.6
79	47.7	34.8	52.2

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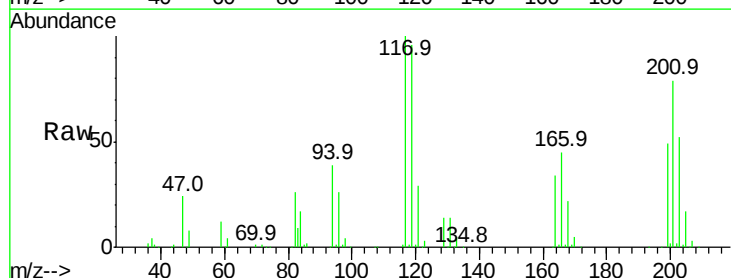


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

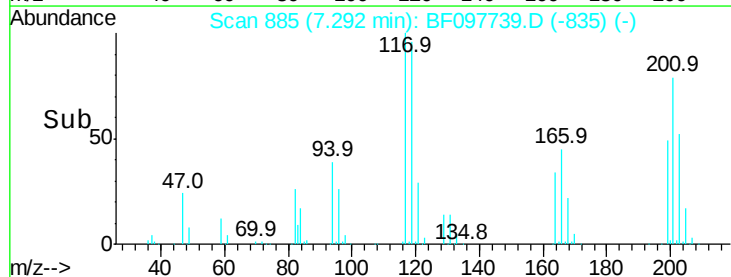
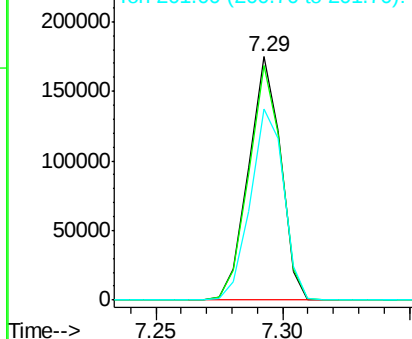


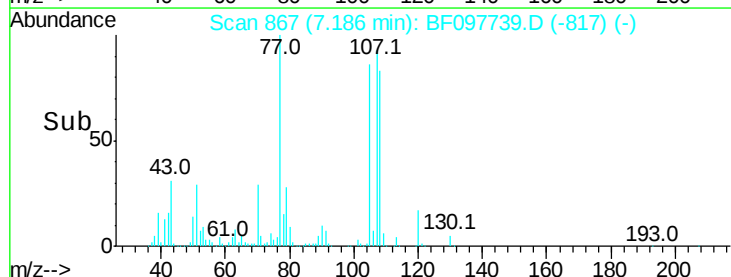
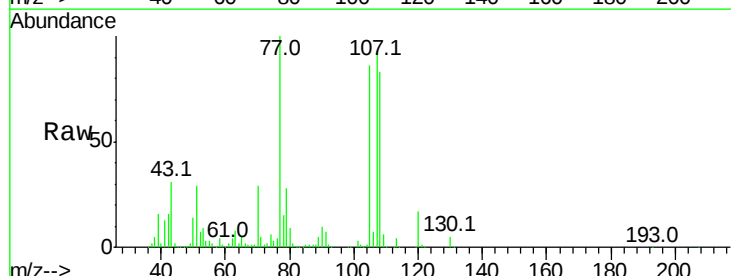
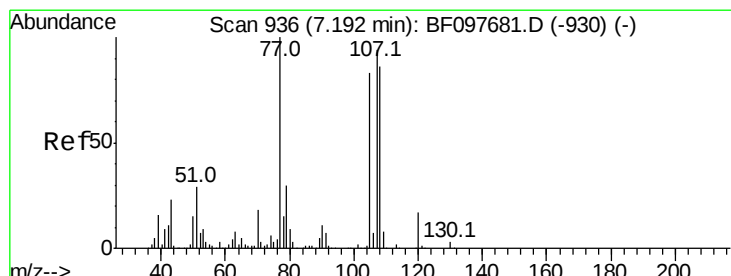
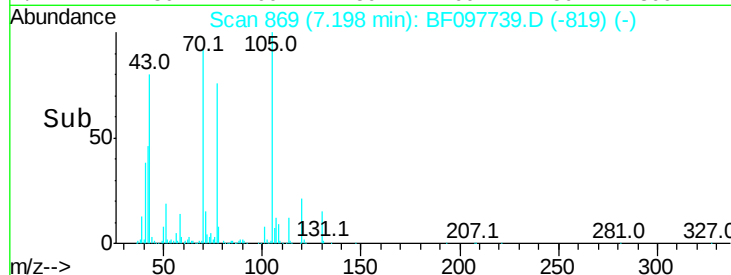
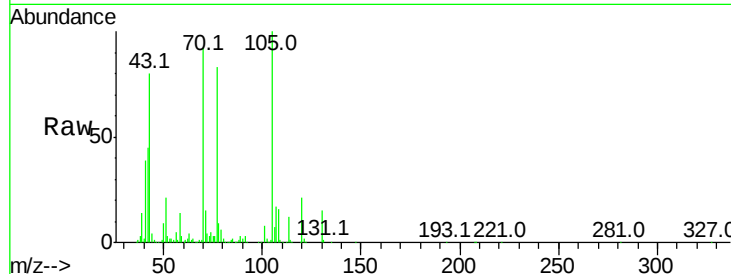
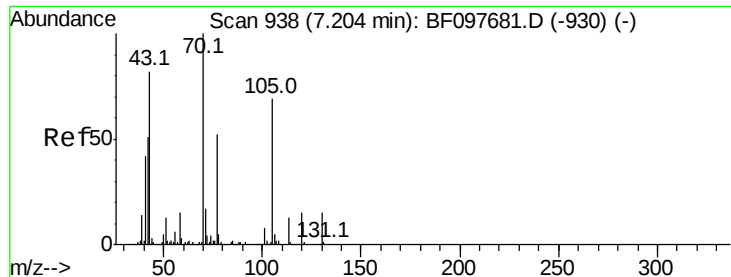
#18
Hexachloroethane
Concen: 36.506 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	117	Resp	154538
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.4	116.0
201	78.7	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.495 ng

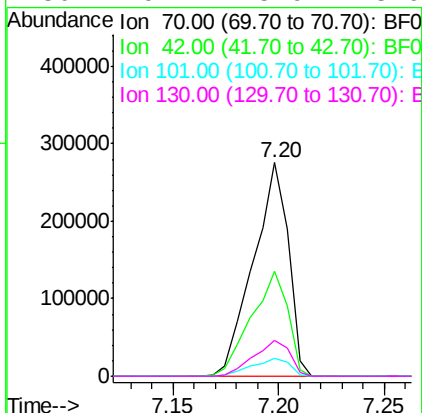
RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.3	47.2	70.8	
101	8.4	7.2	10.8	
130	16.7	15.9	23.9	



Instrument :

BNA_F

ClientSampleId :

PB101499BS

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#20

3+4-Methylphenols

Concen: 39.453 ng

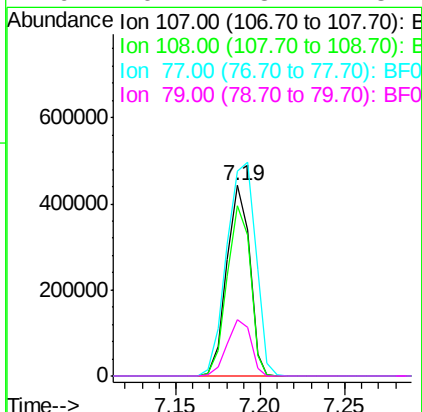
RT: 7.19 min Scan# 867

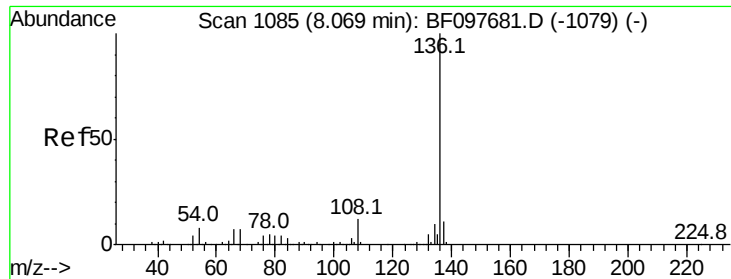
Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	71.0	111.0	
77	107.2	90.5	130.5	
79	29.7	8.4	48.4	





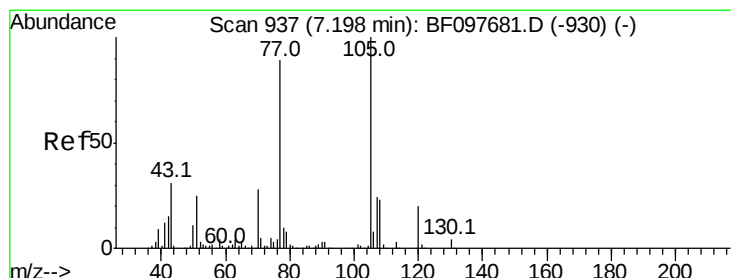
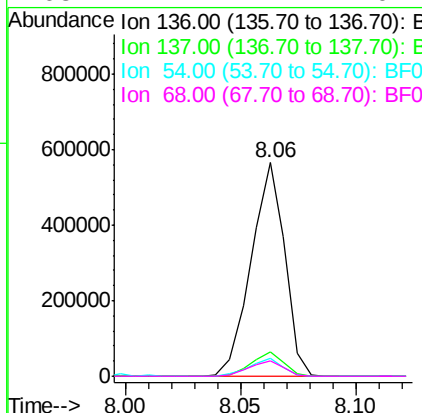
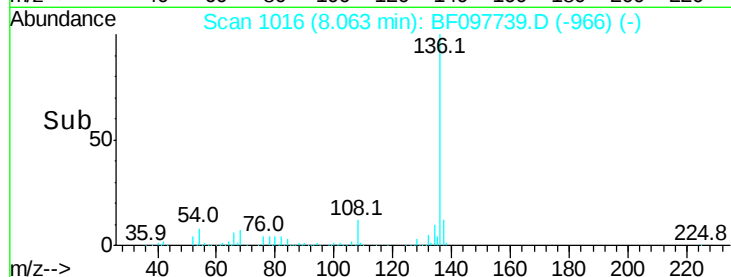
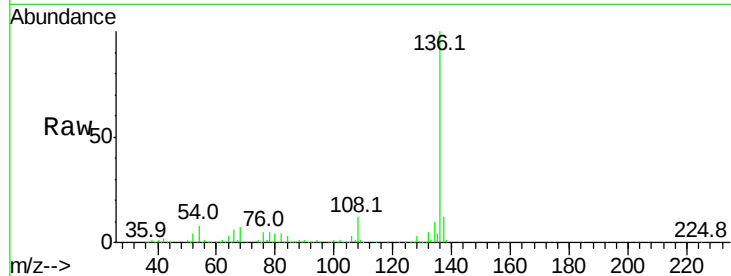
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.5	12.7	
54	8.2	4.9	7.3#	
68	7.2	4.1	6.1#	

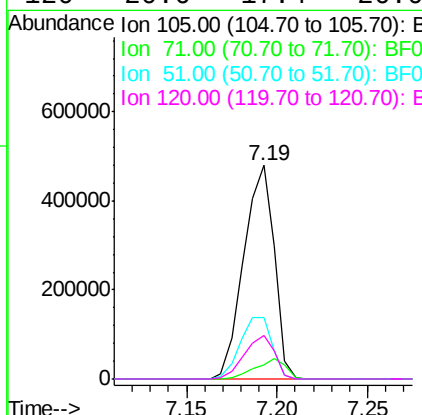
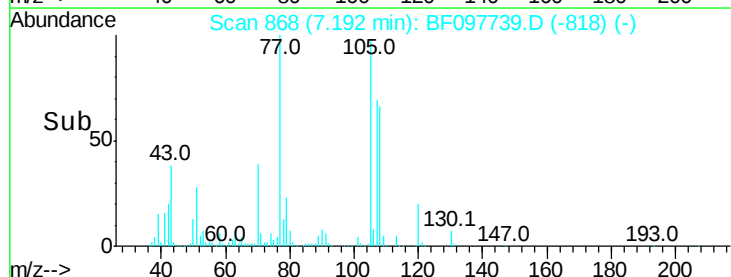
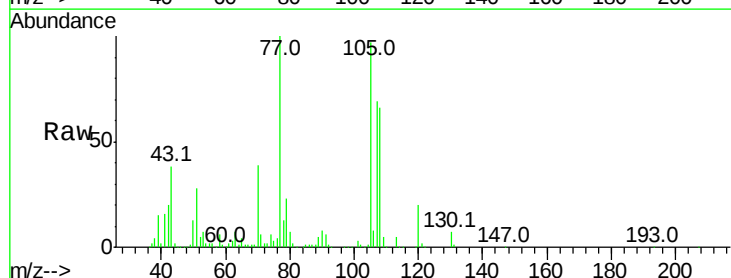
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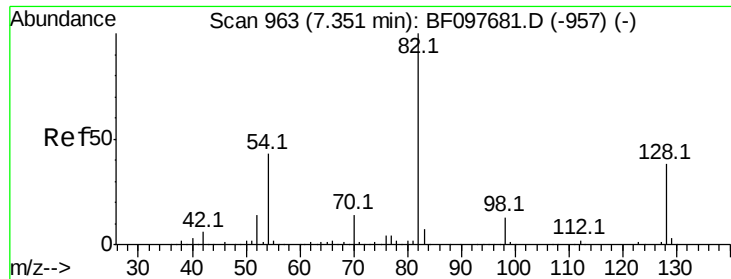
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#22
Acetophenone
Concen: 36.897 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	2.8	4.2#	
51	28.9	30.7	46.1#	
120	20.6	17.4	26.0	





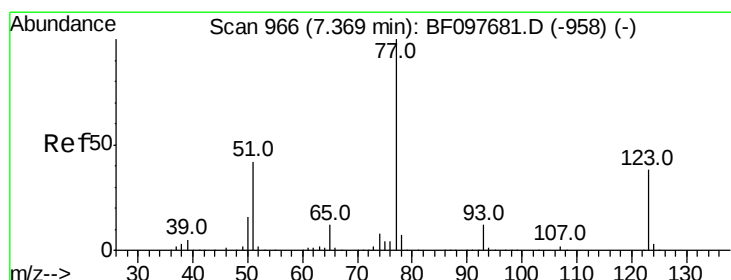
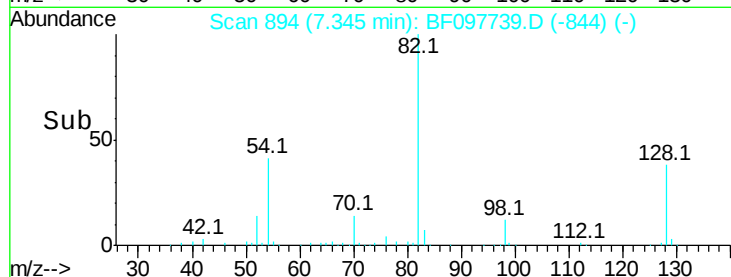
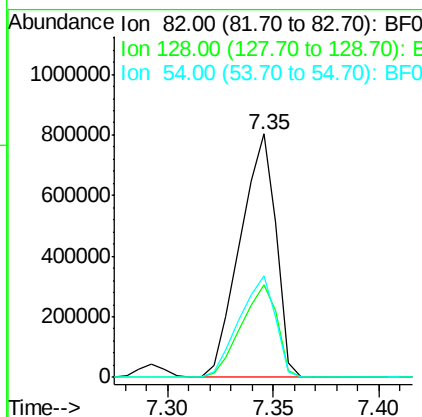
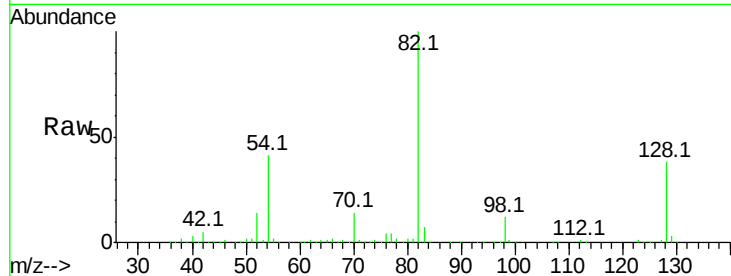
#23
 Nitrobenzene-d5
 Concen: 89.589 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampled :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.9	34.0	51.0	
54	41.5	42.2	63.2	

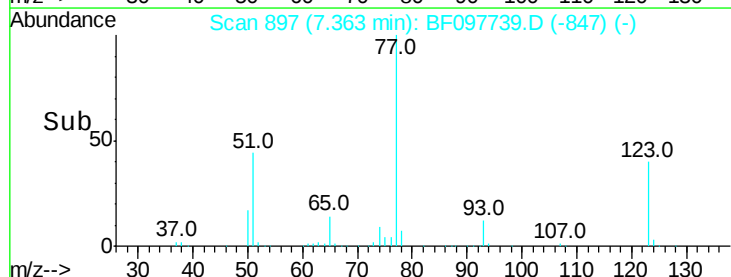
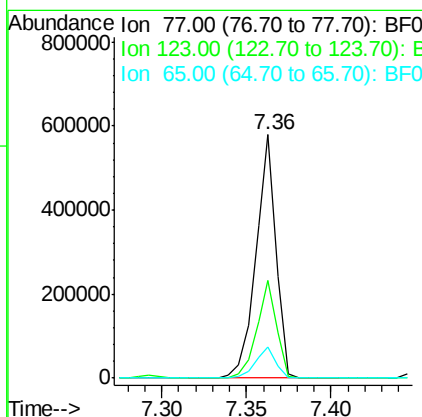
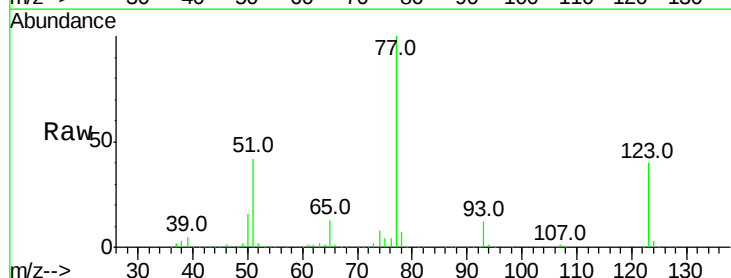
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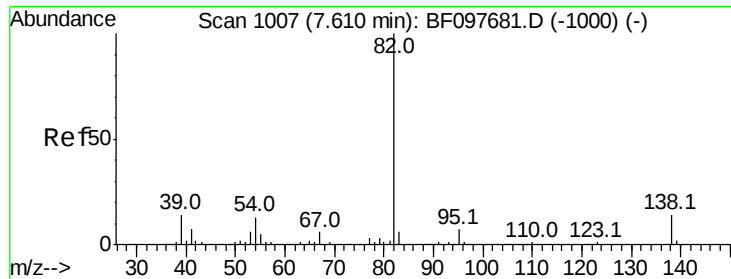
Sohil
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#24
 Nitrobenzene
 Concen: 40.718 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.9	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 40.210 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

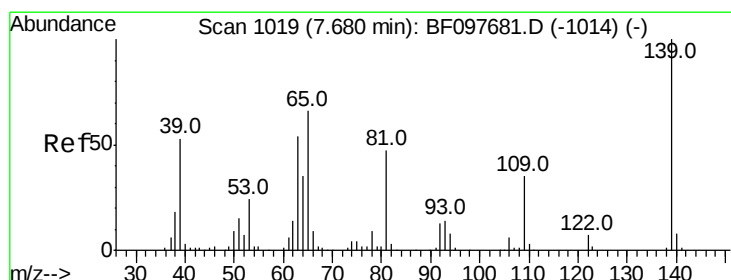
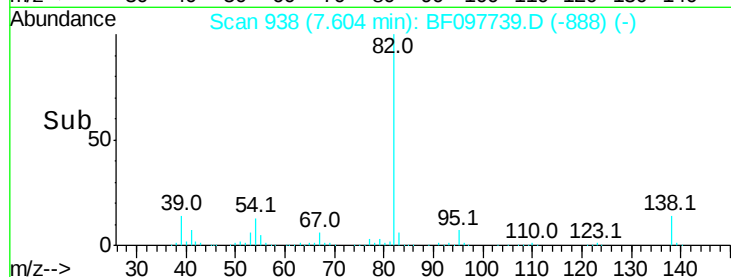
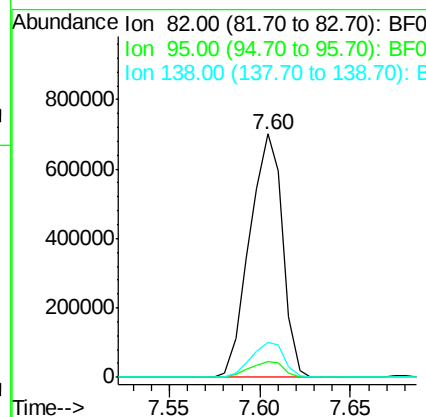
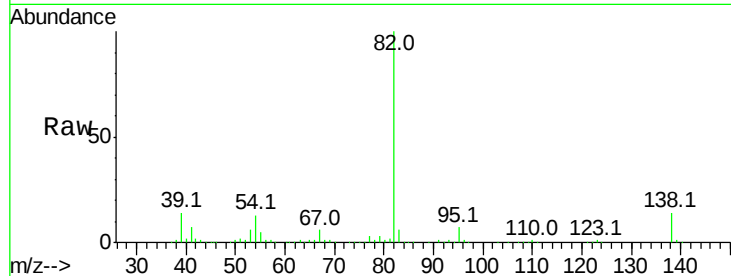
ClientSampleId :

PB101499BS

Tot Ion:	82	Resp:	884675
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	14.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 44.624 ng

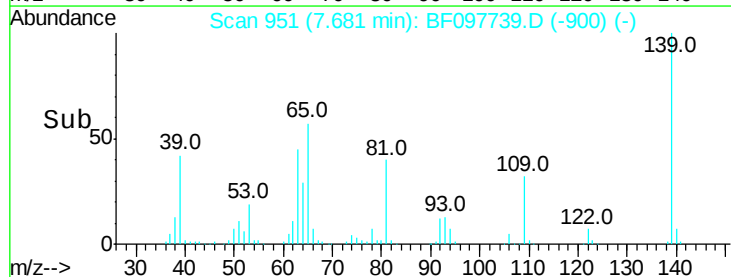
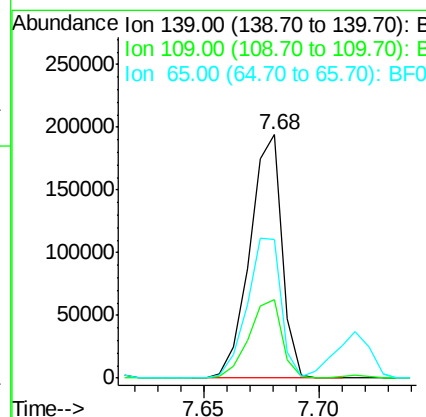
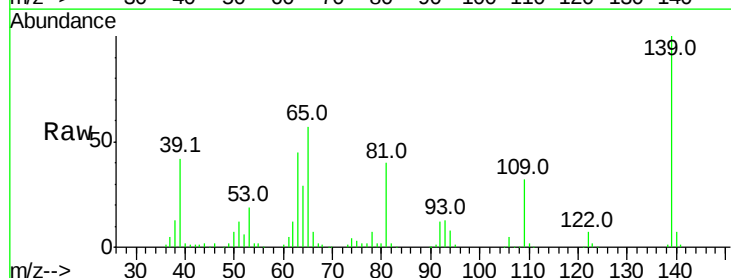
RT: 7.68 min Scan# 951

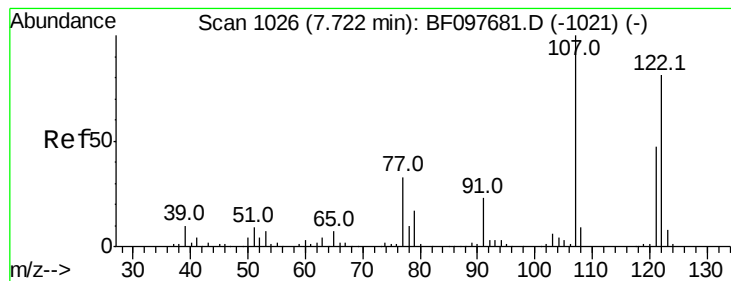
Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	139	Resp:	188693
Ion Ratio		Lower	Upper
139	100		
109	32.4	21.0	31.6#
65	56.8	33.0	49.6#





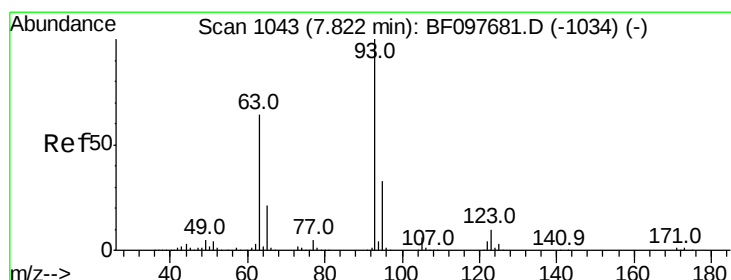
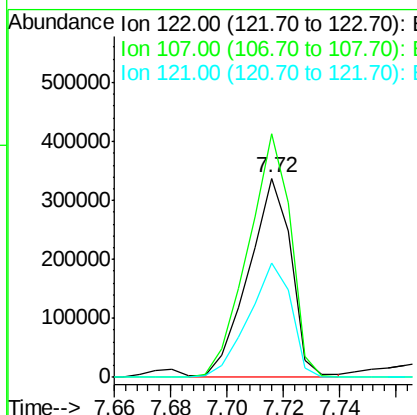
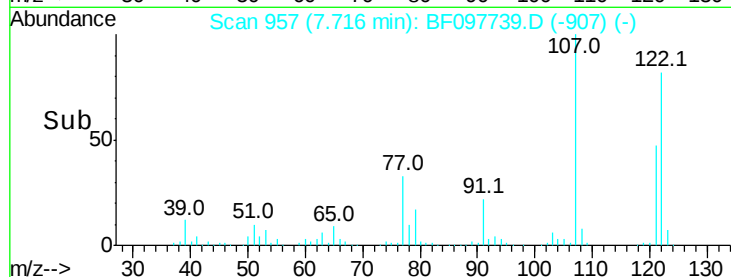
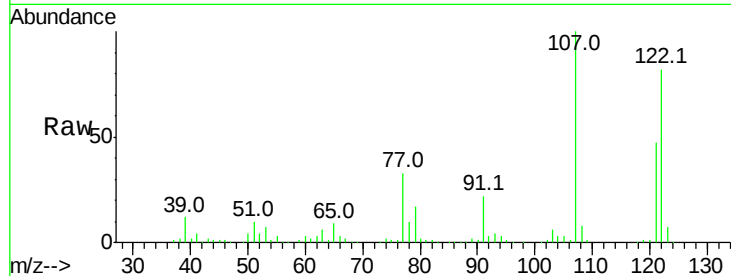
#27
 2,4-Dimethylphenol
 Concen: 38.626 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion:	122	Resp:	354424
Ion Ratio	Lower	Upper	
122	100		
107	122.1	89.2	133.8
121	57.5	45.2	67.8

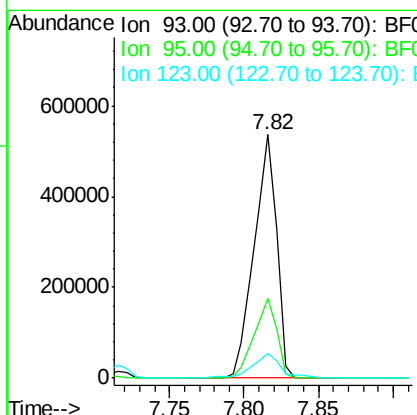
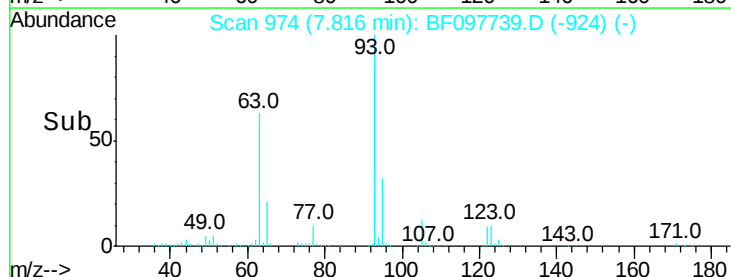
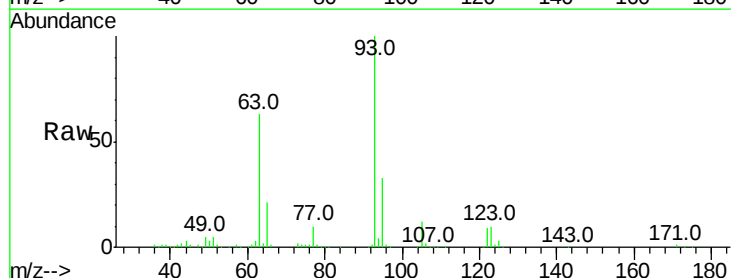
Manual Integrations
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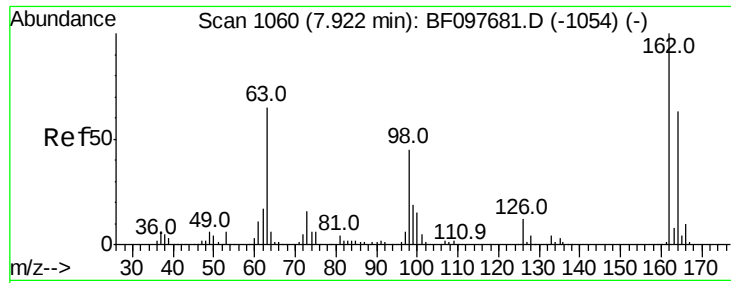
Sohil
 8/17/2017 5:57:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.289 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:	93	Resp:	553821
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	10.3	9.0	13.4





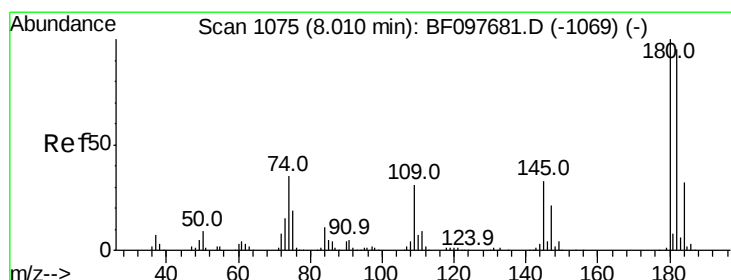
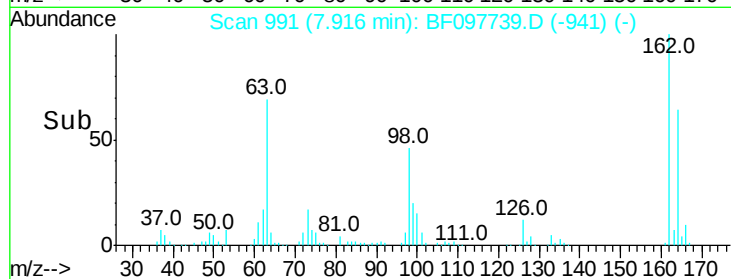
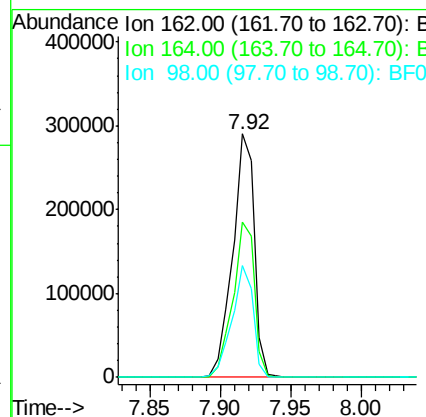
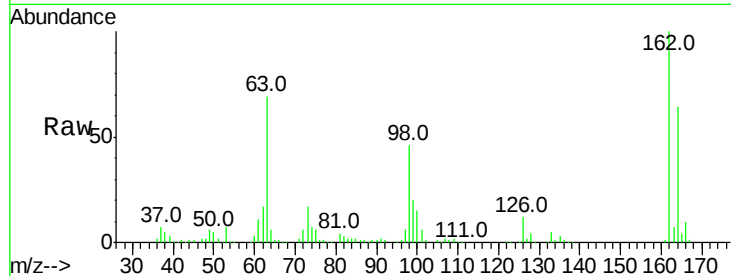
#29
 2,4-Dichlorophenol
 Concen: 40.415 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307828		
164	63.7	44.6	84.6	
98	45.8	14.8	54.8	

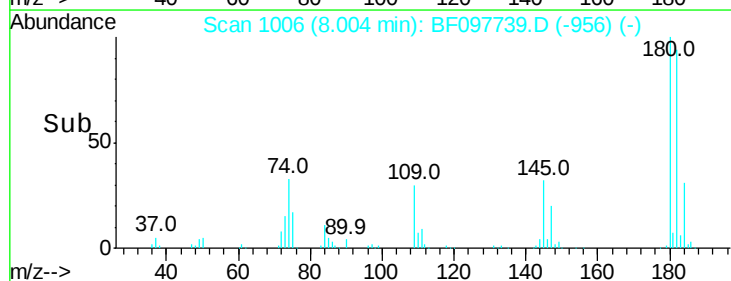
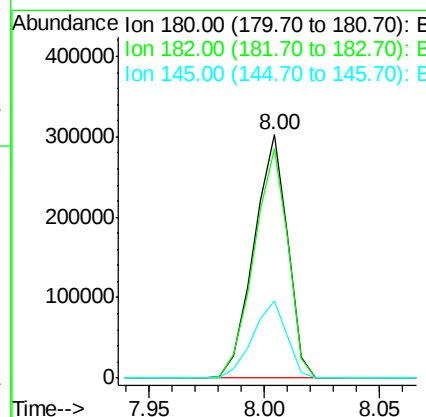
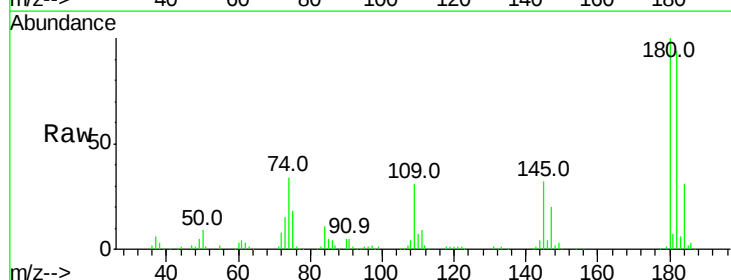
Manual Integrations
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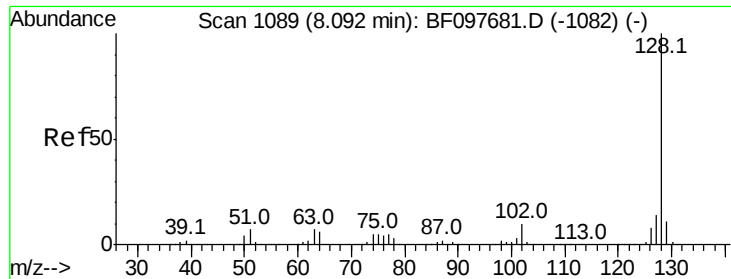
Sohil
 8/17/2017 5:57:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.434 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	307634		
182	94.3	75.8	113.6	
145	31.7	25.3	37.9	





#31

Naphthalene

Concen: 36.695 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

Tot Ion:128 Resp: 1095008

Ion Ratio Lower Upper

128 100

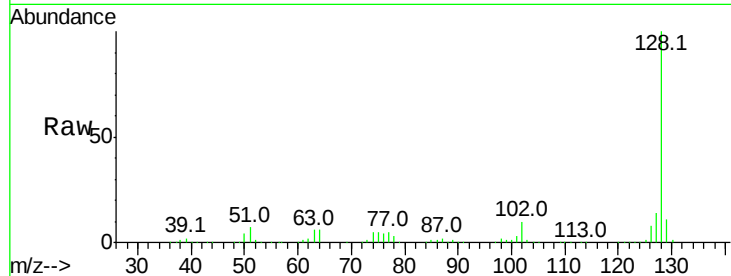
129 11.1 9.0 13.6

127 13.7 10.8 16.2

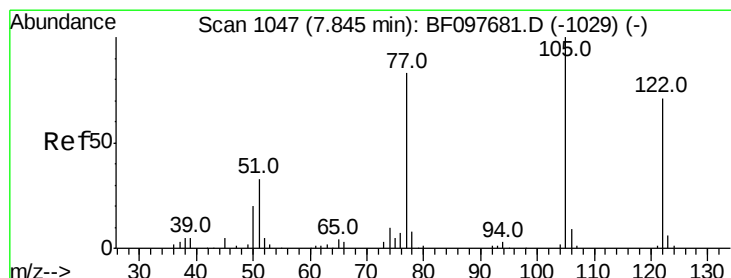
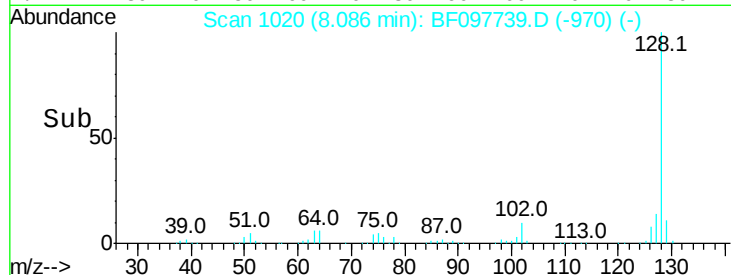
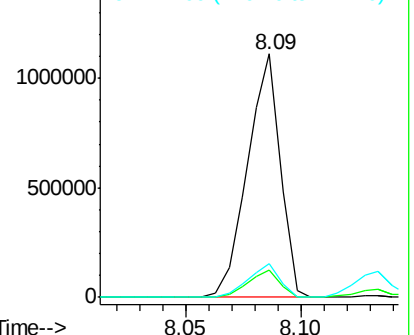
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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.449 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

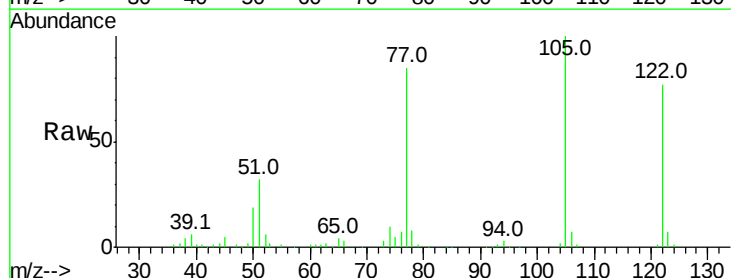
Tgt Ion:122 Resp: 254935

Ion Ratio Lower Upper

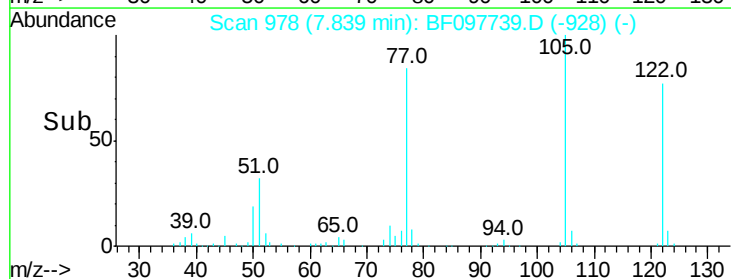
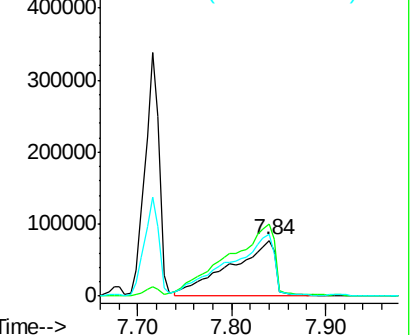
122 100

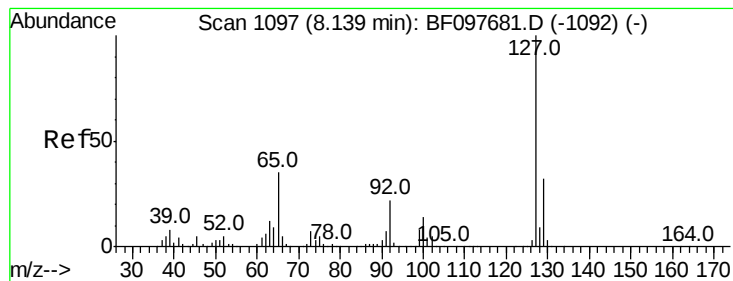
105 129.3 103.3 143.3

77 110.0 73.7 113.7



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





#33

4-Chloroaniline

Concen: 10.731 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

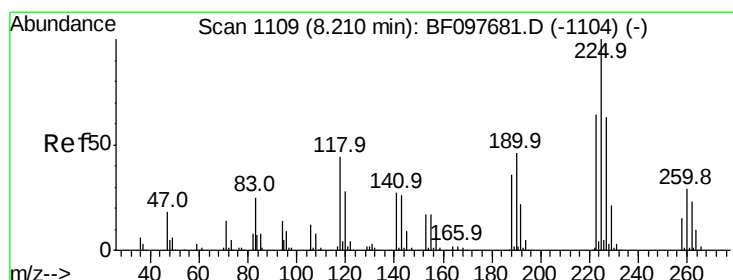
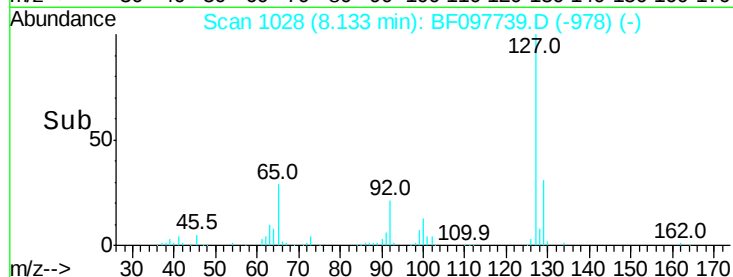
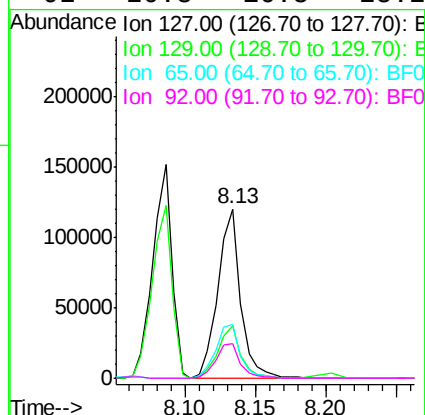
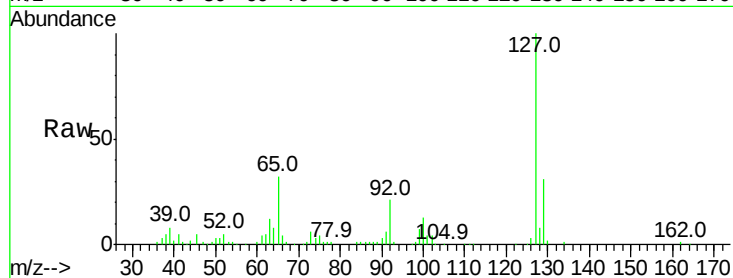
ClientSampleId :

PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.2	39.2	
65	32.1	27.8	41.8	
92	20.8	16.8	25.2	

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 36.197 ng

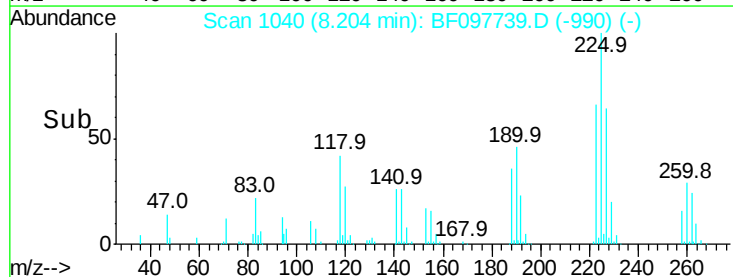
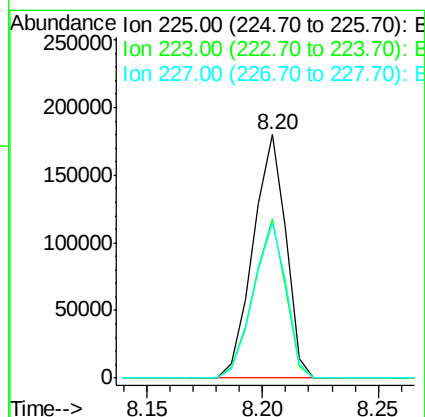
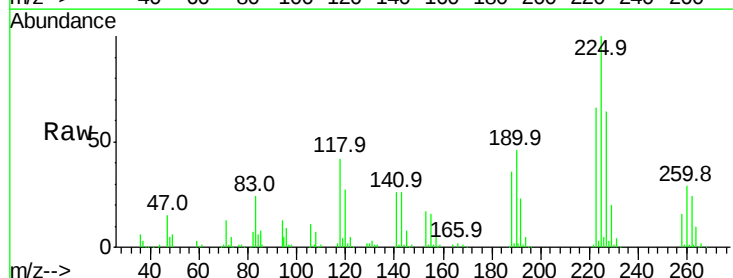
RT: 8.20 min Scan# 1040

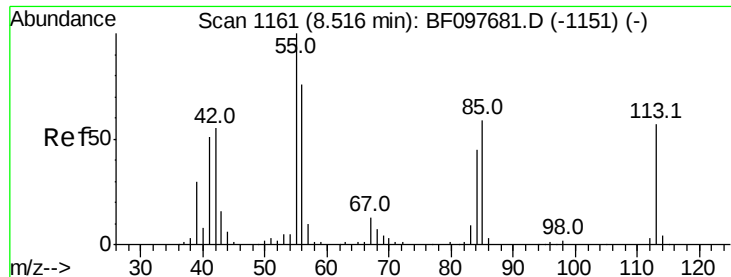
Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.6	48.8	73.2	
227	63.8	51.1	76.7	





#35

Caprolactam

Concen: 44.815 ng/ml

RT: 8.51 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleID :

PB101499BS

Tot Ion:113 Resp: 116043

Ion Ratio Lower Upper

113 100

55 164.4 150.2 190.2

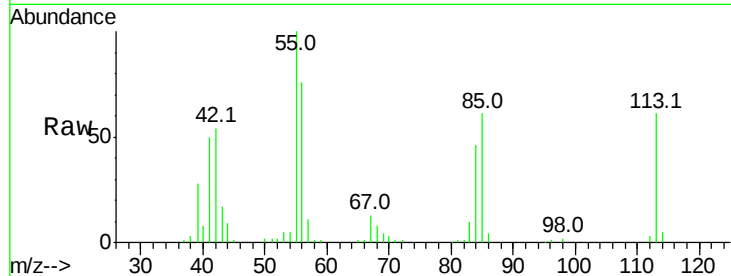
56 124.1 107.8 147.8

Manual Integrations

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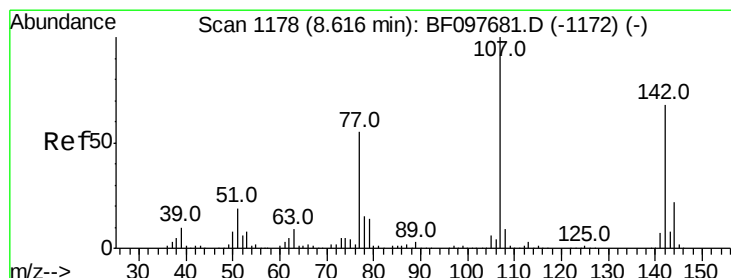
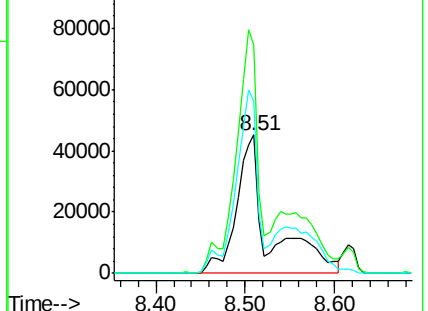
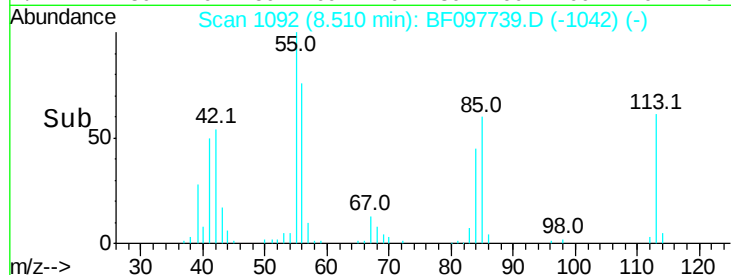
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.033 ng/ml

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

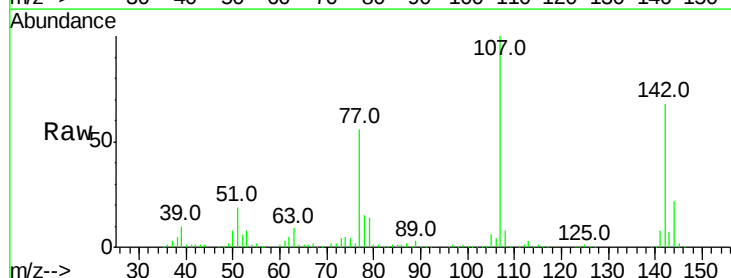
Tgt Ion:107 Resp: 391762

Ion Ratio Lower Upper

107 100

144 22.0 24.2 36.4#

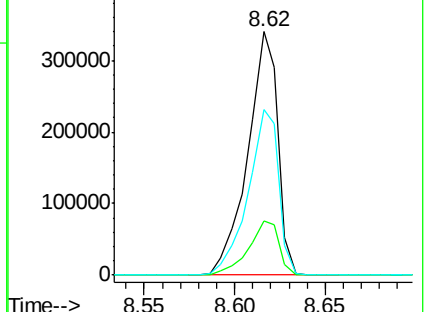
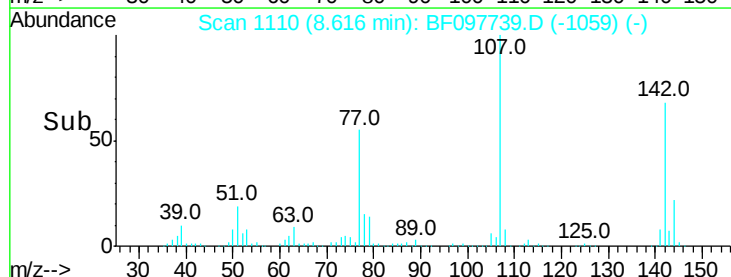
142 67.9 73.4 110.0#

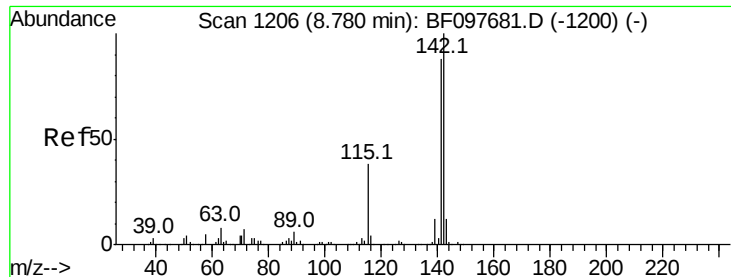


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





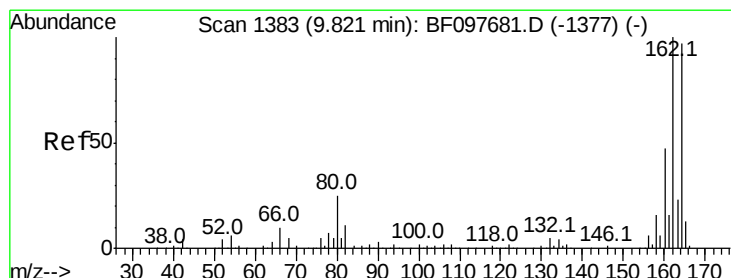
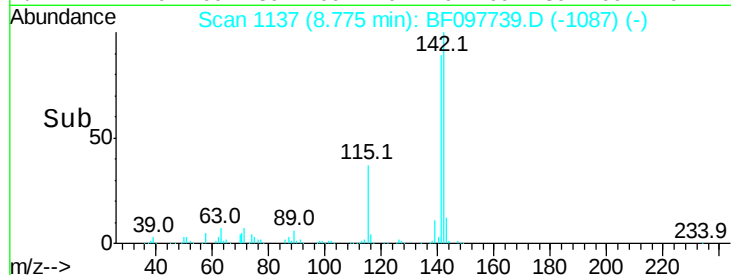
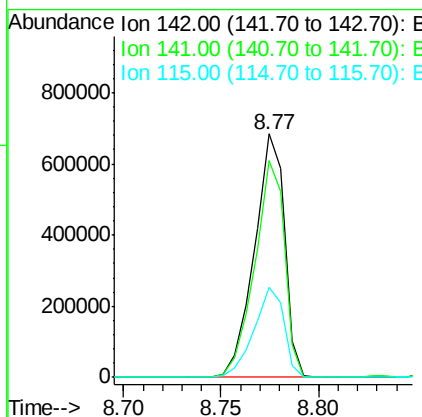
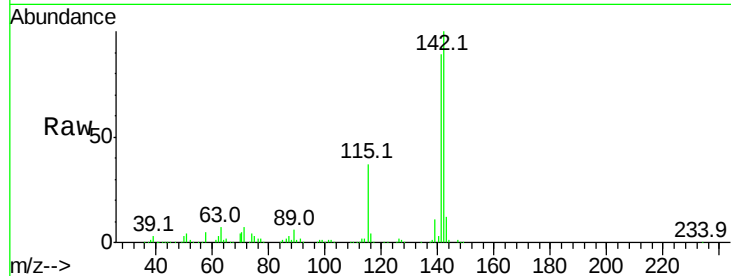
#37
 2-Methylnaphthalene
 Concen: 39.905 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	37.2	27.1	40.7

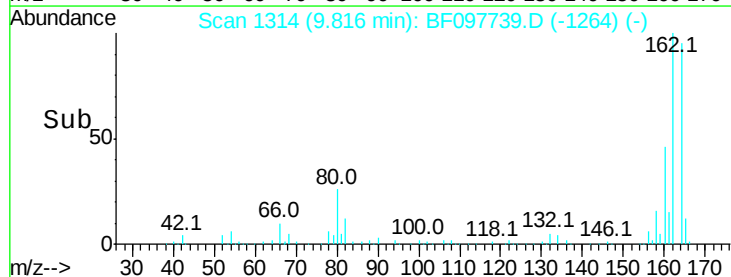
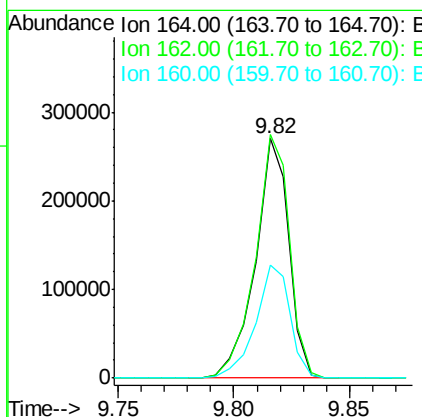
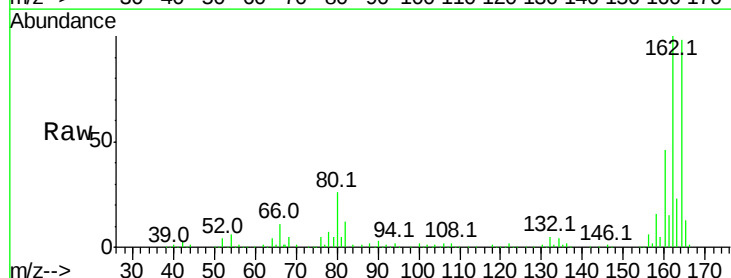
Manual Integrations
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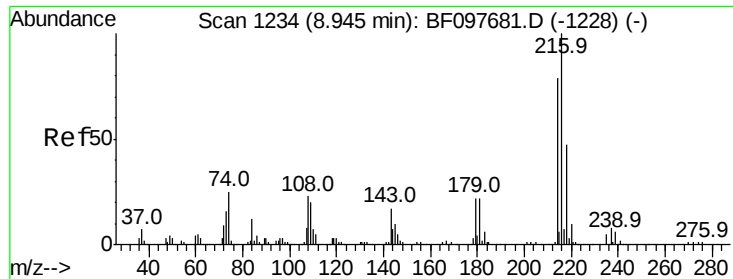
Sohil
 8/17/2017 5:57:34 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	47.1	36.2	54.2





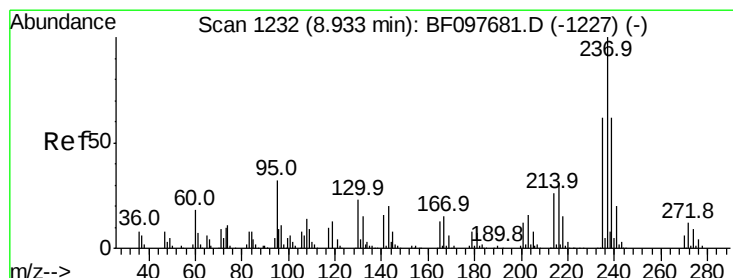
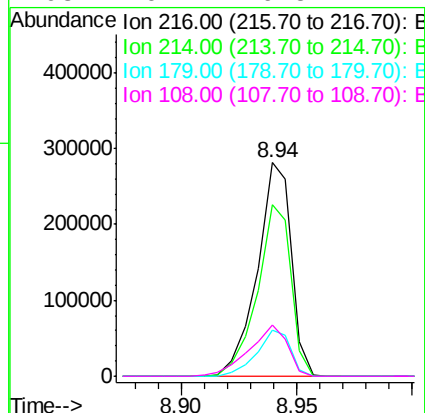
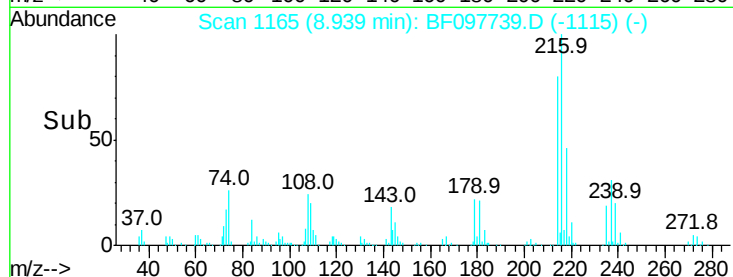
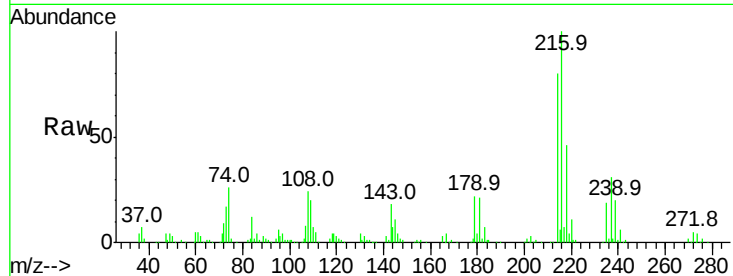
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.697 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.4	95.2
179	21.5	17.9	26.9
108	26.7	16.5	24.7

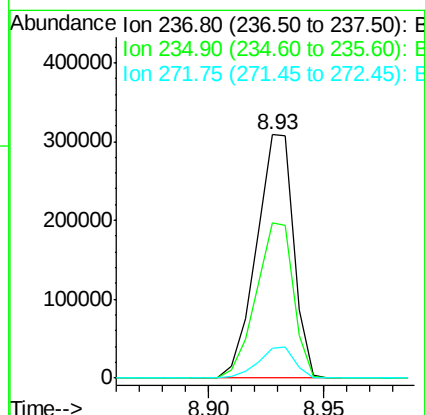
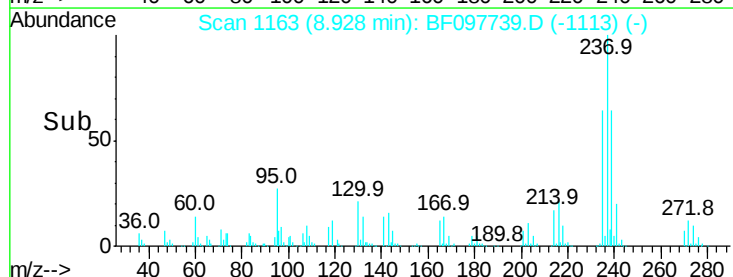
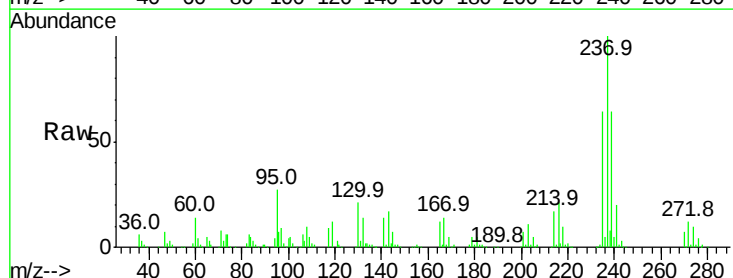
Manual Integrations
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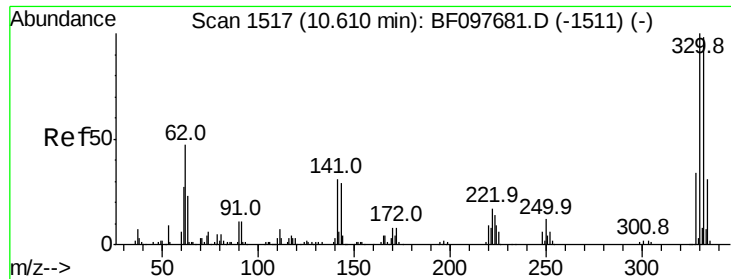
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#40
 Hexachlorocyclopentadiene
 Concen: 86.416 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	42.6	82.6
272	12.1	0.0	31.9





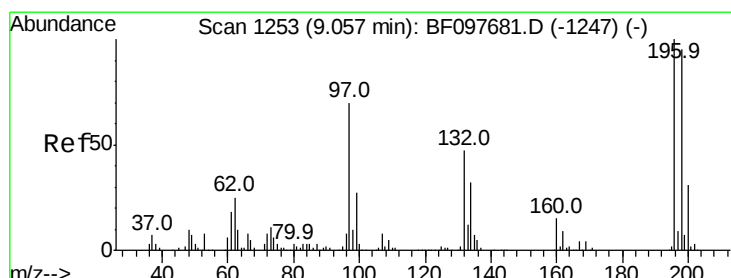
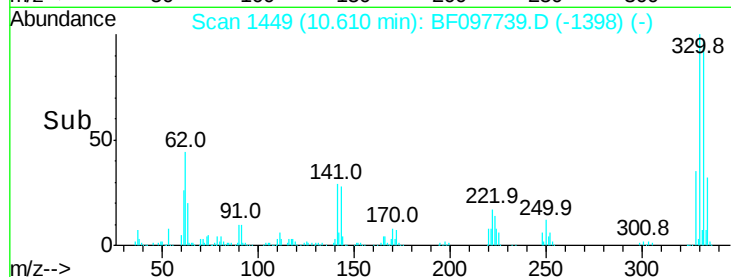
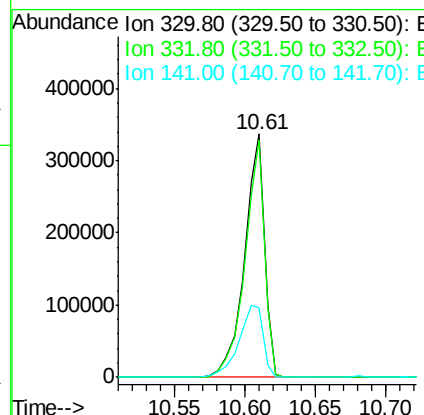
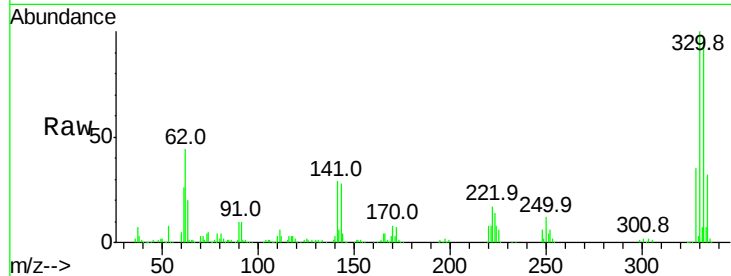
#41
 2,4,6-Tribromophenol
 Concen: 141.018 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	76.6	115.0	
141	35.7	31.4	47.2	

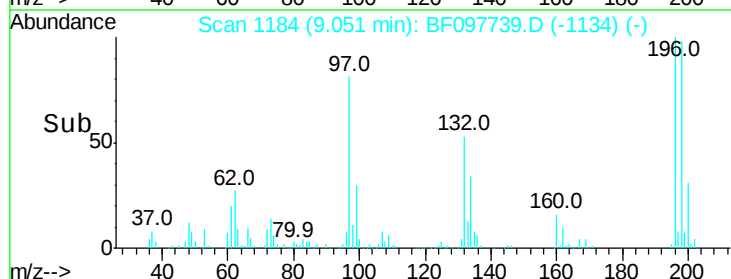
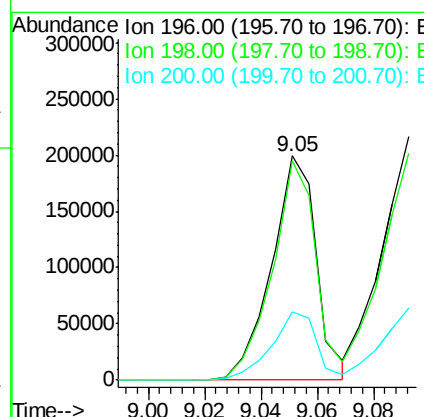
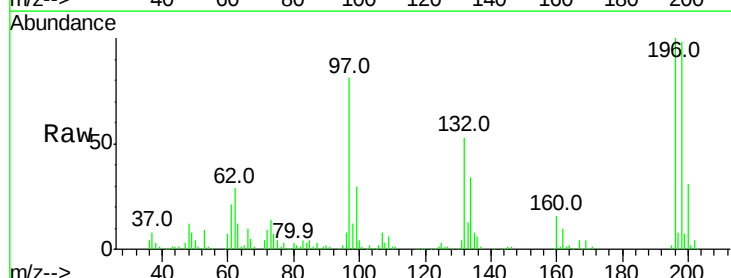
Manual Integrations
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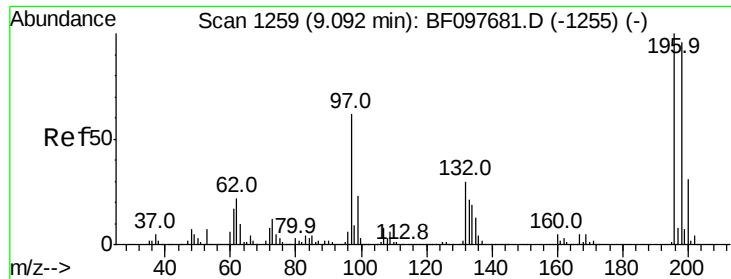
Sohil
 8/17/2017 5:57:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.204 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	74.2	111.4	
200	30.7	24.0	36.0	





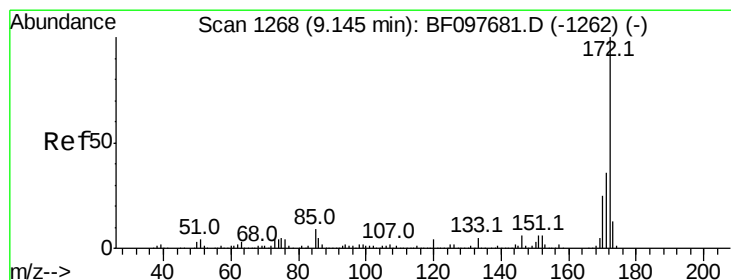
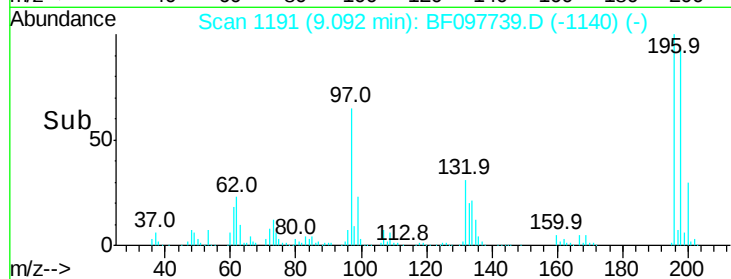
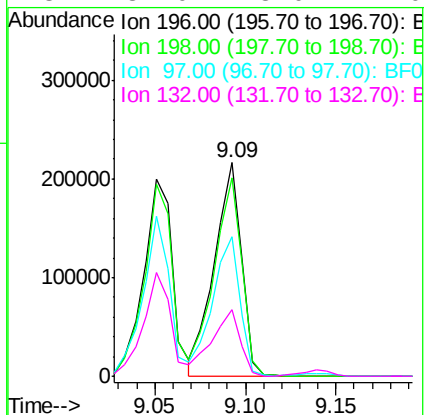
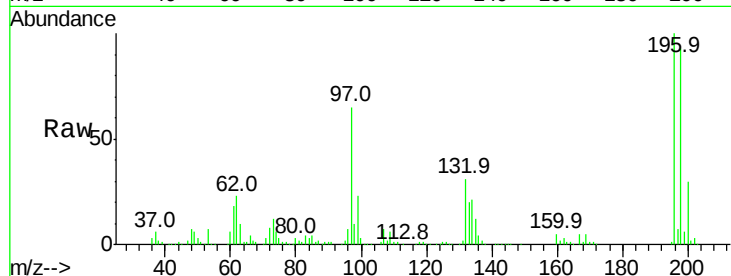
#43
 2,4,5-Trichlorophenol
 Concen: 40.879 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226976		
198	93.1	75.7	113.5	
97	65.5	47.7	71.5	
132	31.0	28.0	42.0	

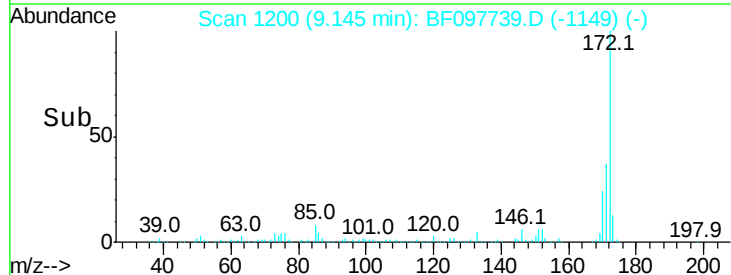
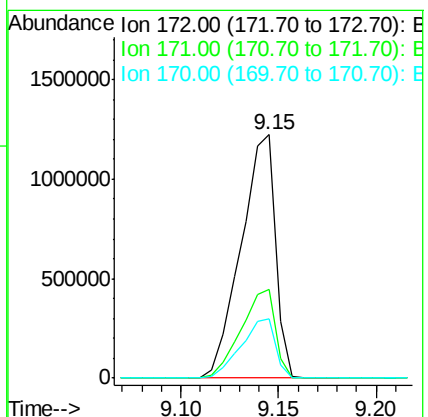
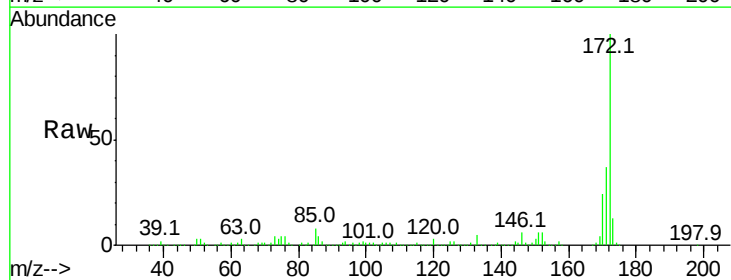
Manual Integrations
 APPROVED

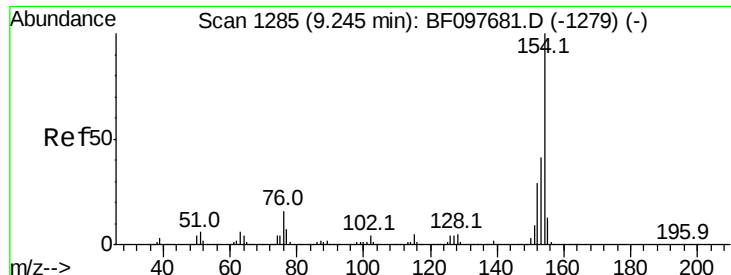
Sohil
 8/17/2017 5:57:34 PM



#44
 2-Fluorobiphenyl
 Concen: 81.044 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1498377		
171	36.5	29.6	44.4	
170	24.4	19.8	29.8	





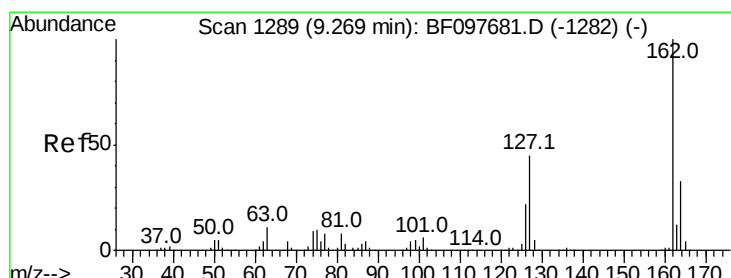
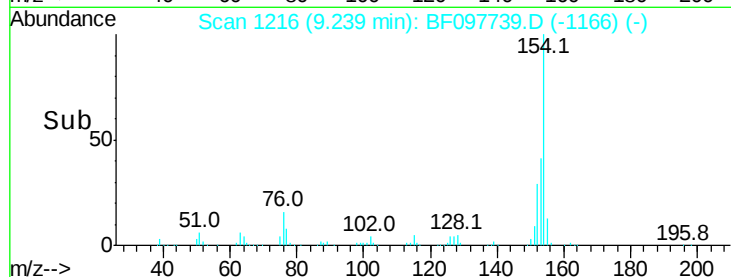
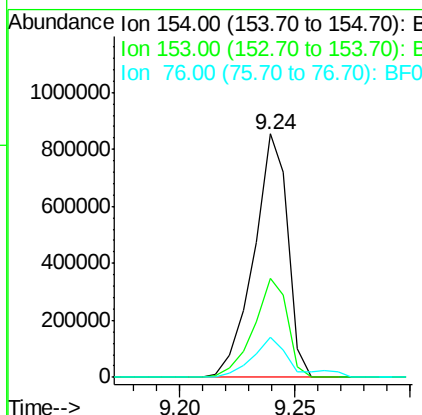
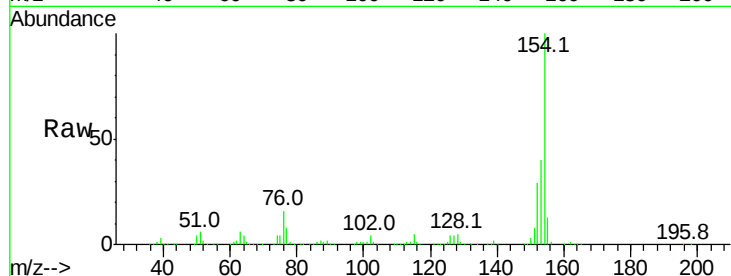
#45
1,1'-Biphenyl
Concen: 35.170 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampled :
PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.2	61.2	
76	16.4	0.0	29.9	

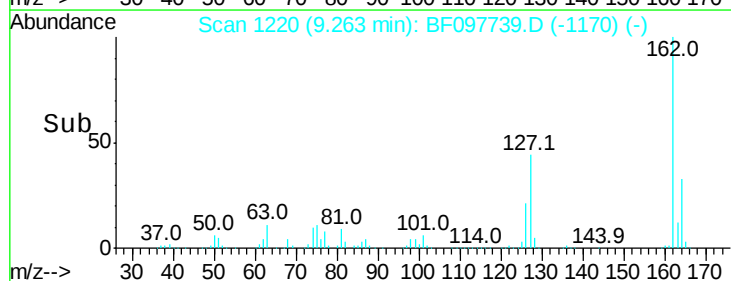
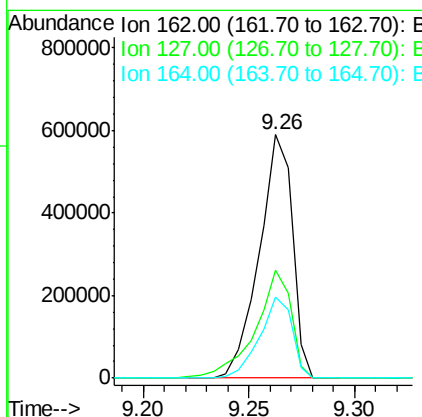
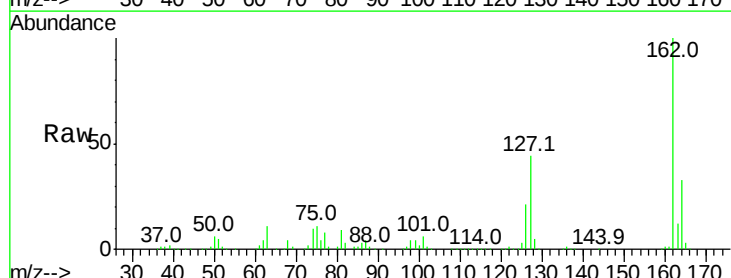
Manual Integrations
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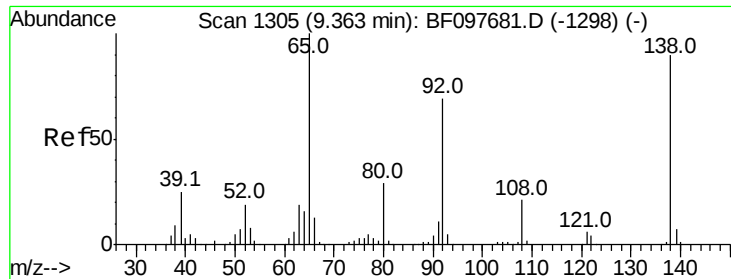
Sohil
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#46
2-Chloronaphthalene
Concen: 35.189 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.3	28.3	42.5#	
164	33.2	27.0	40.4	





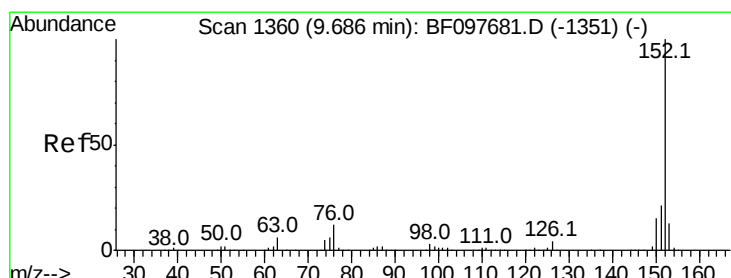
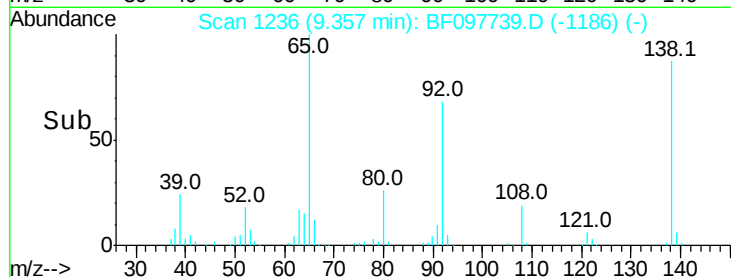
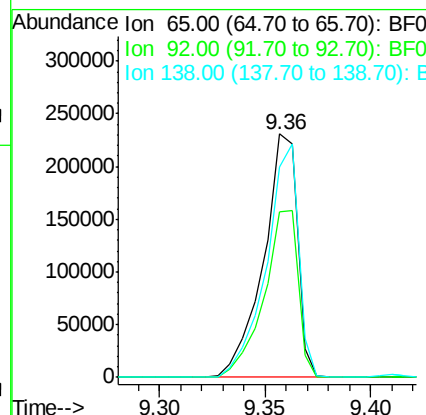
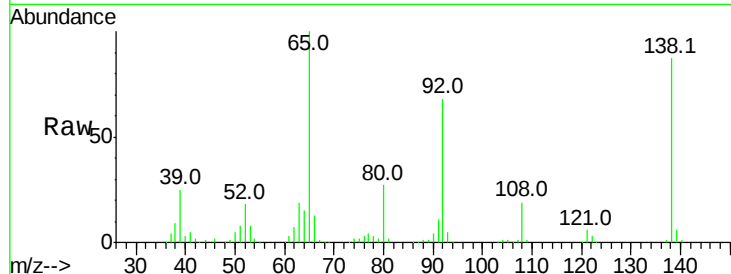
#47
2-Nitroaniline
Concen: 42.208 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.9	80.9
138	86.6	78.8	118.2

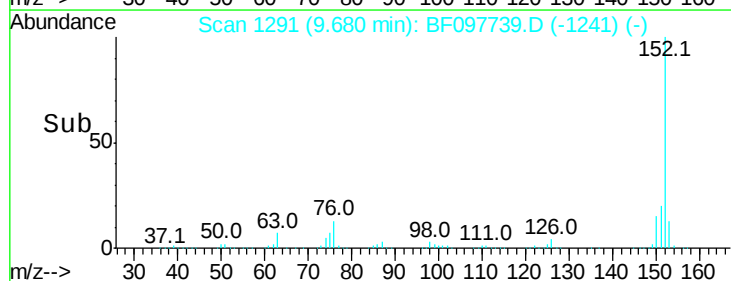
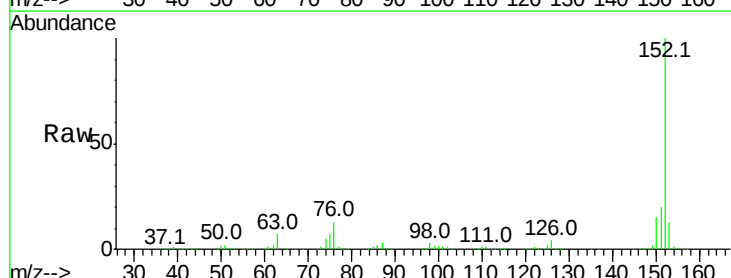
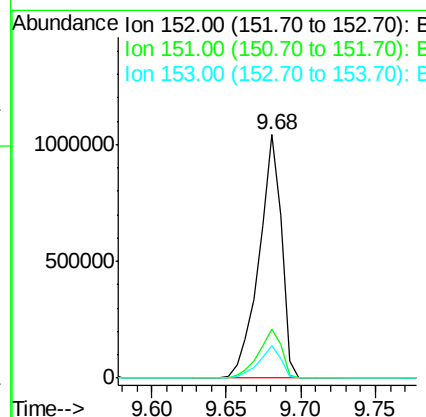
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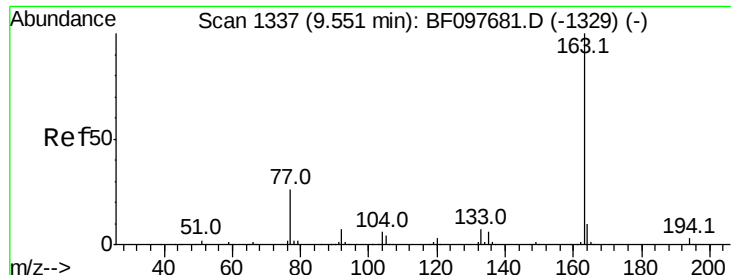
Sohil
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#48
Acenaphthylene
Concen: 37.319 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2





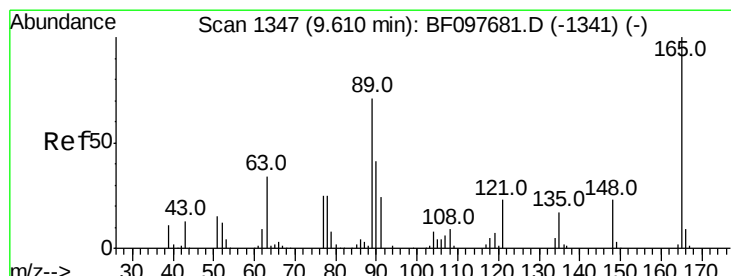
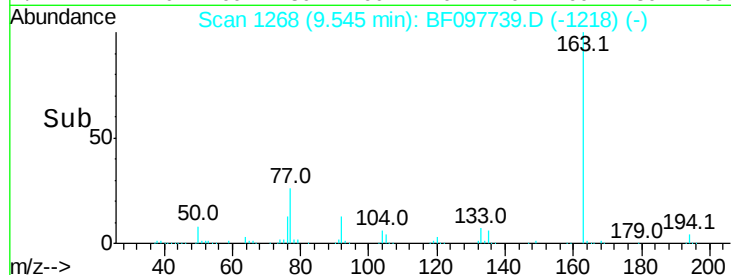
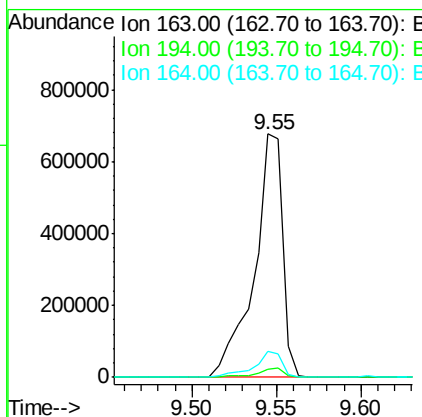
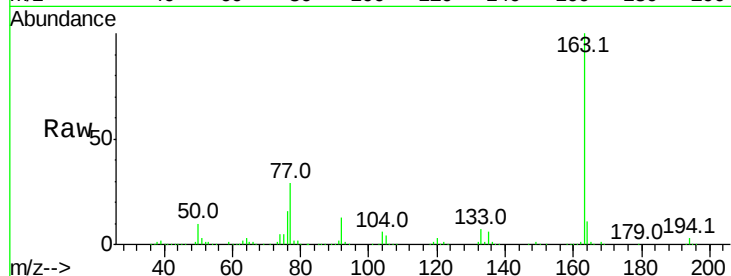
#49
 Dimethylphthalate
 Concen: 39.831 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.6	8.4	12.6	

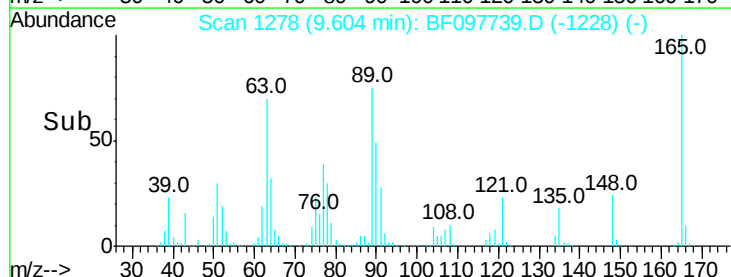
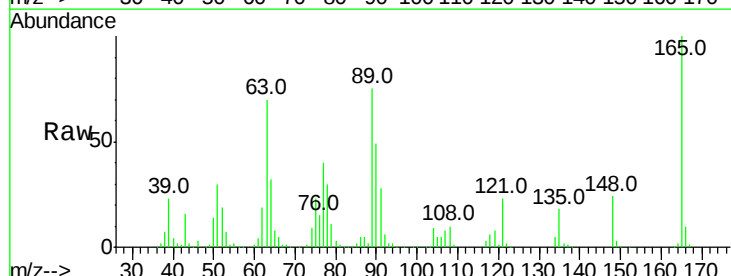
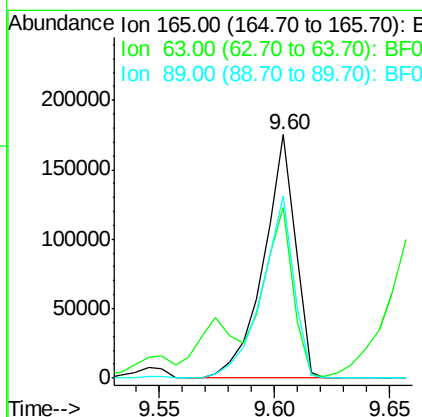
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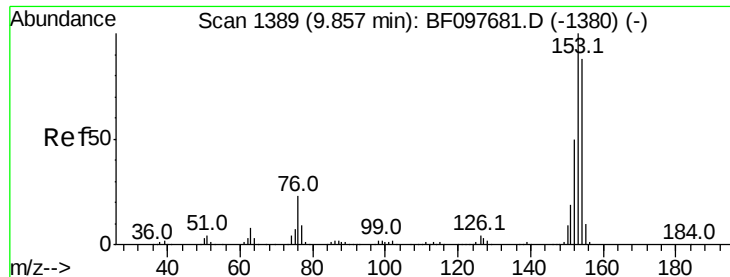
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 42.521 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.2	34.3	51.5#	
89	74.8	37.1	55.7#	





#51

Acenaphthene

Concen: 36.742 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

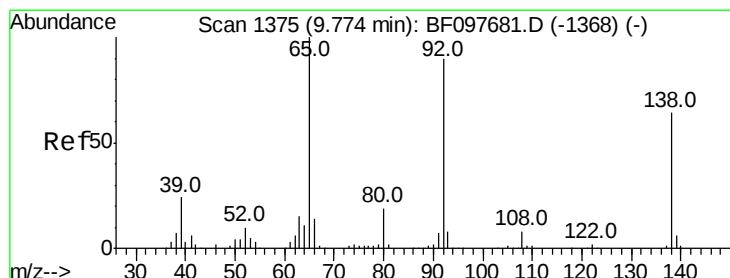
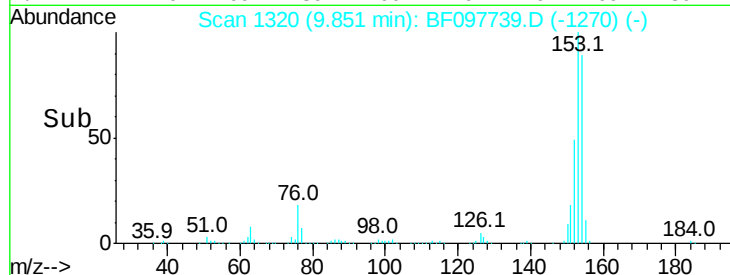
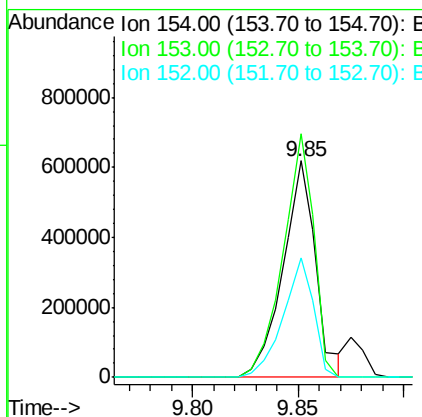
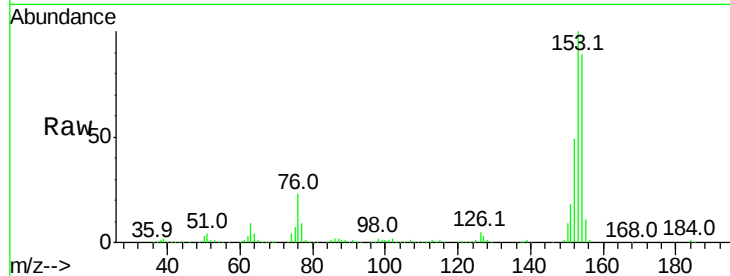
ClientSampleId :

PB101499BS

Tot Ion:	154	Resp:	666002
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.5	135.7
152	55.3	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 17.512 ng

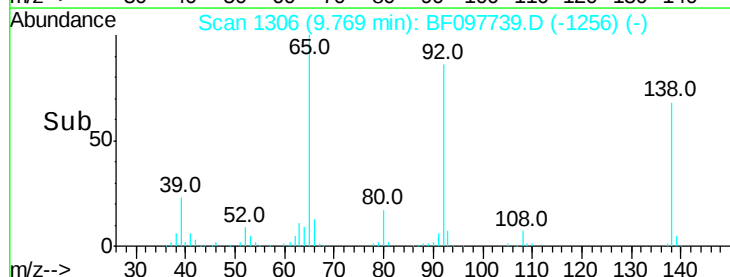
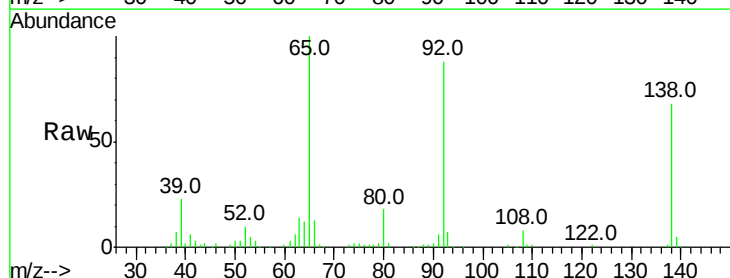
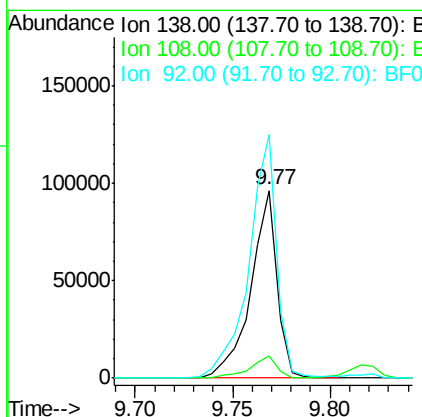
RT: 9.77 min Scan# 1306

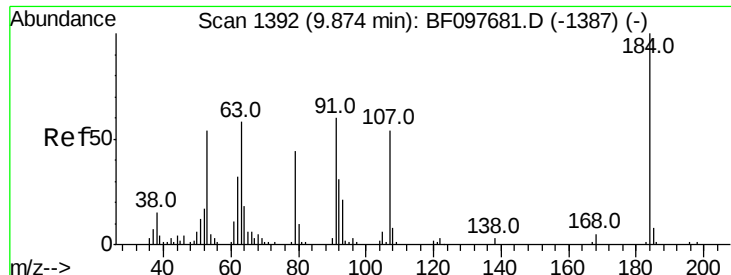
Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	138	Resp:	89545
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.1	13.7
92	130.0	93.8	140.6





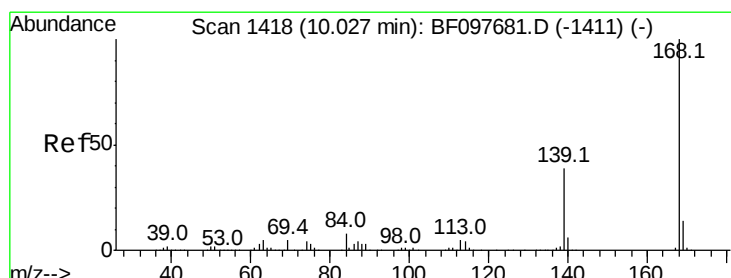
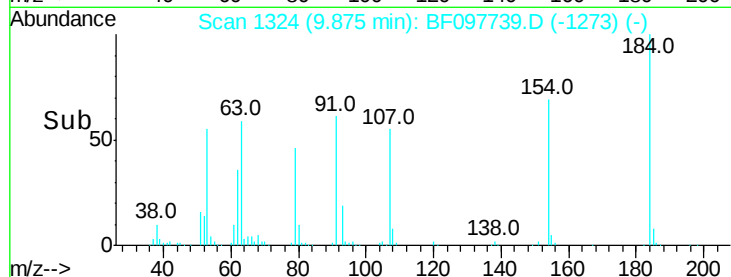
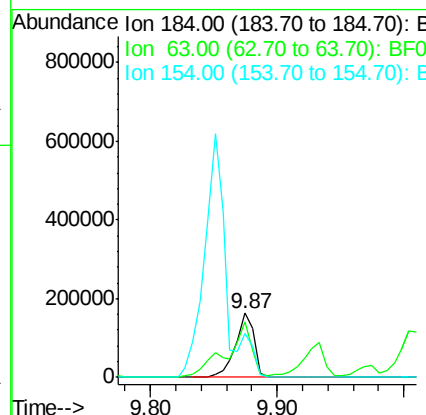
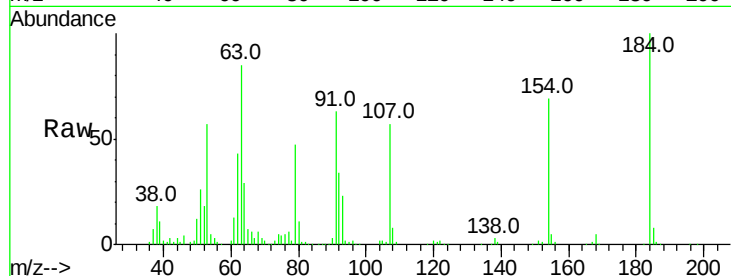
#53
2,4-Dinitrophenol
Concen: 87.071 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166091		
63	85.4	62.7	94.1	
154	69.0	81.1	121.7	

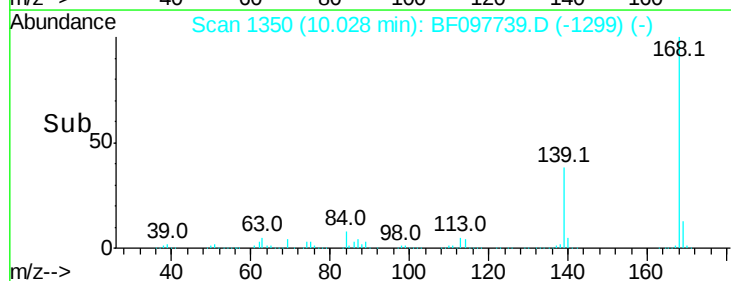
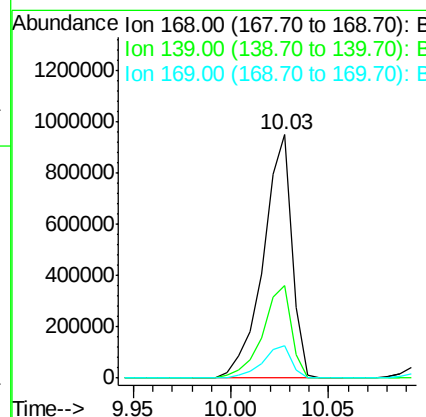
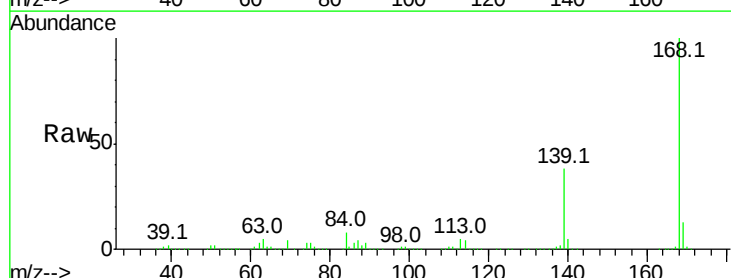
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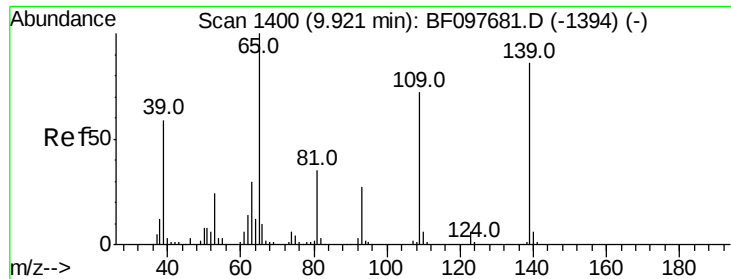
Sohil
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#54
Dibenzofuran
Concen: 39.648 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	963191		
139	37.8	30.6	45.8	
169	13.2	10.8	16.2	





#55

4-Nitrophenol

Concen: 77.855 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

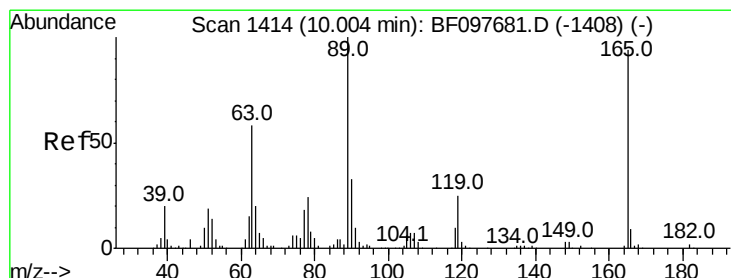
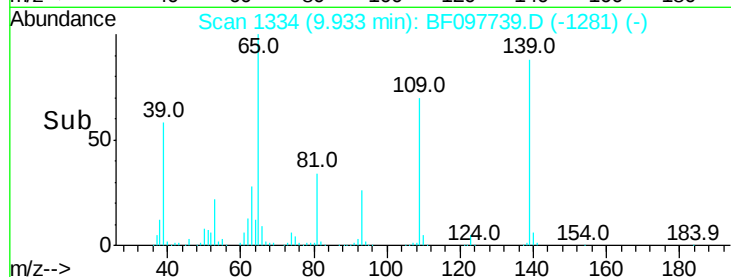
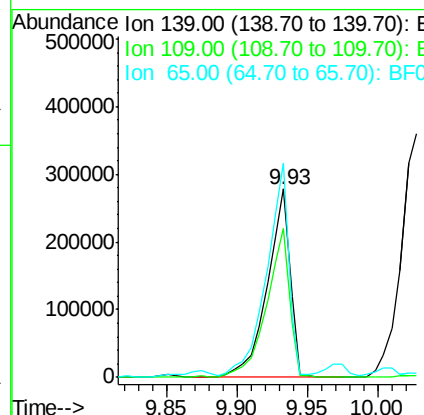
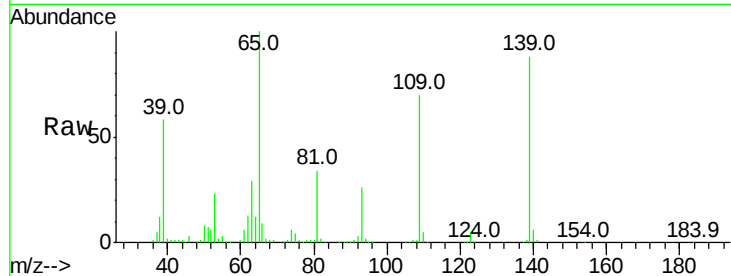
ClientSampled :

PB101499BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	79.5	34.1	74.1#		
65	113.8	31.4	71.4#		

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#56

2,4-Dinitrotoluene

Concen: 46.002 ng

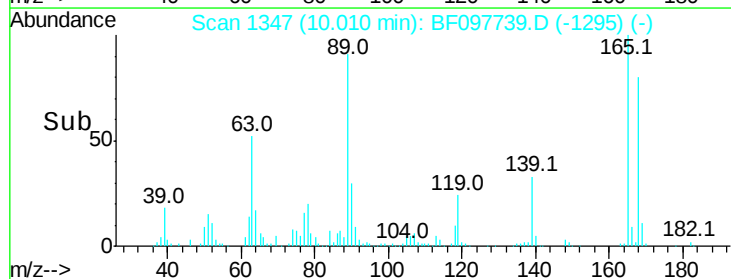
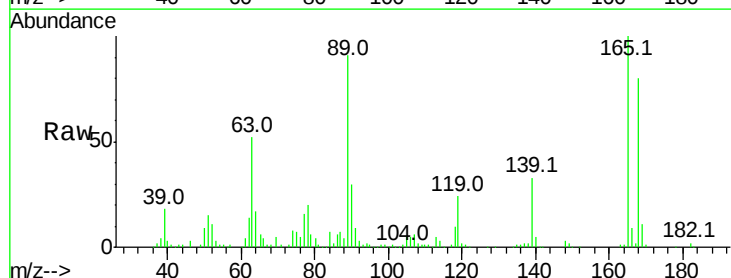
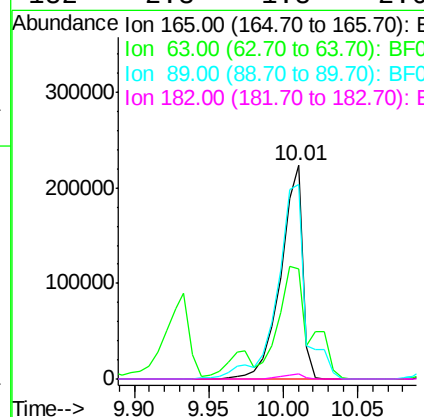
RT: 10.01 min Scan# 1347

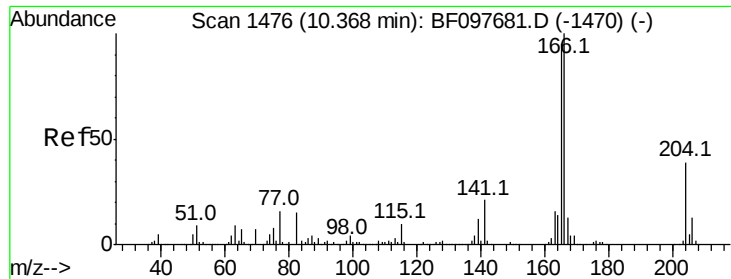
Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	51.8	25.4	38.0#		
89	91.3	46.4	69.6#		
182	2.3	1.8	2.6		





#57

Fluorene

Concen: 38.088 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

Tot Ion:166 Resp: 715396

Ion Ratio Lower Upper

166 100

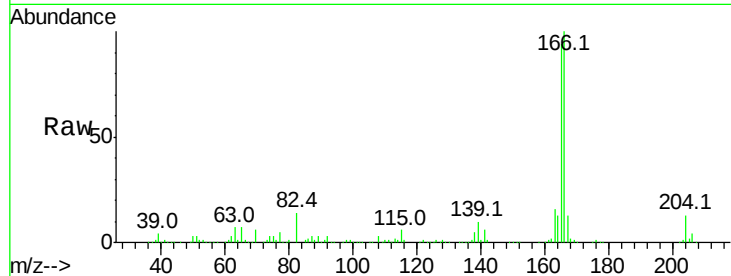
165 94.2 78.8 118.2

167 13.3 10.6 16.0

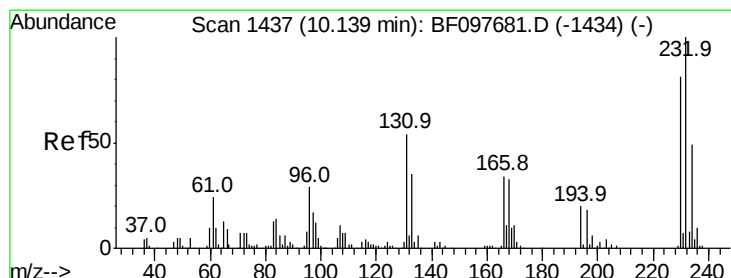
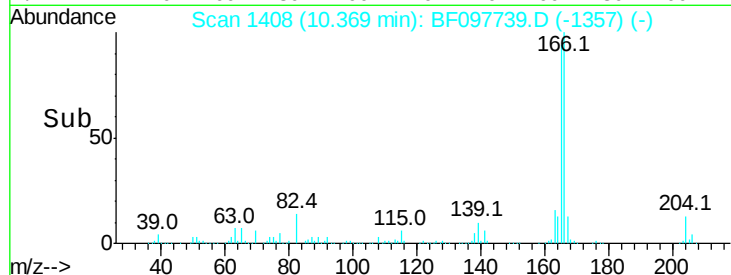
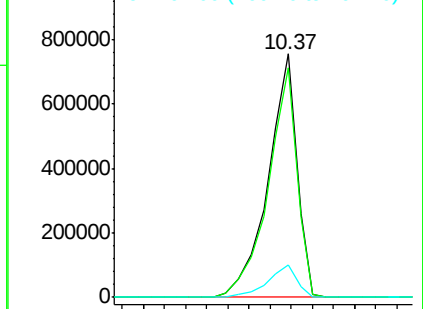
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.442 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:232 Resp: 191049

Ion Ratio Lower Upper

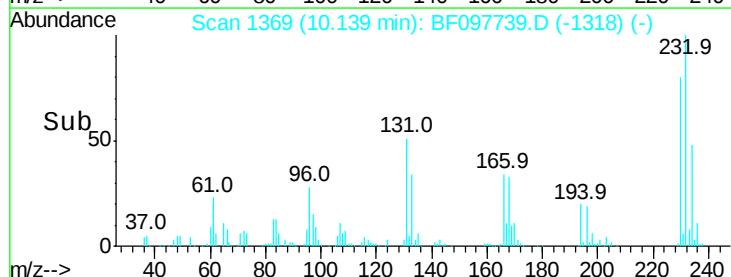
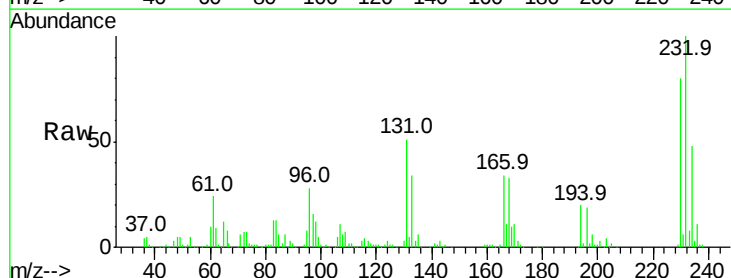
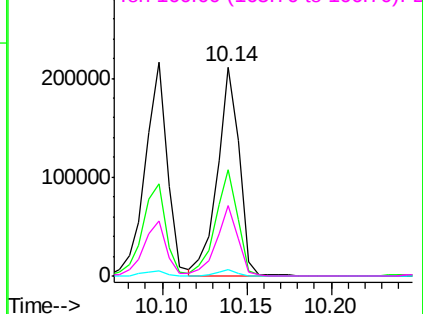
232 100

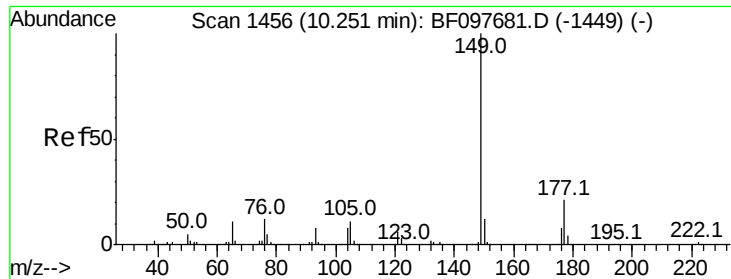
131 52.2 44.8 67.2

130 2.8 2.3 3.5

166 33.1 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





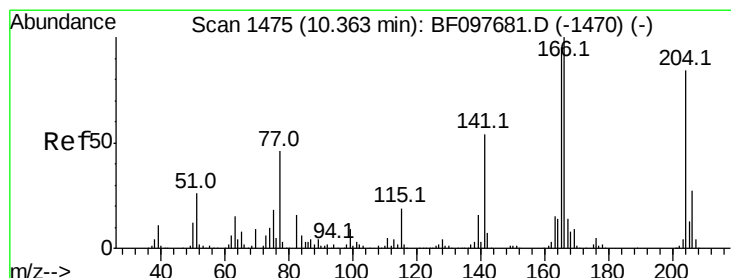
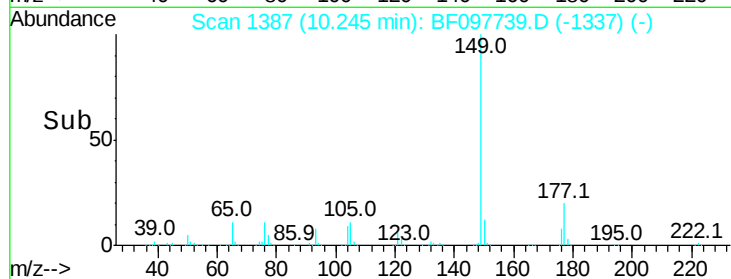
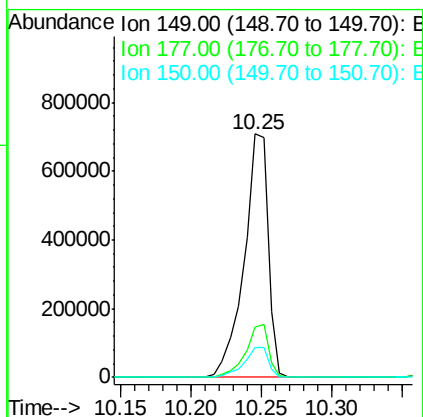
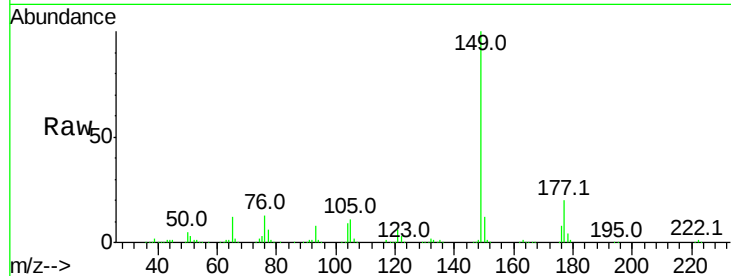
#59
Diethylphthalate
Concen: 40.826 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	847710		
177	20.4	16.7	25.1	
150	12.5	10.2	15.2	

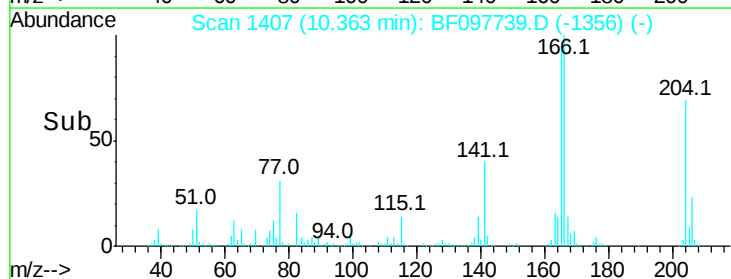
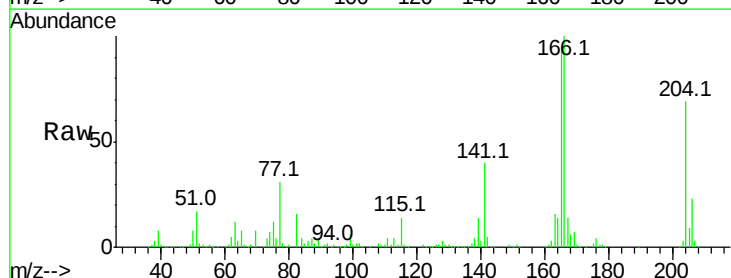
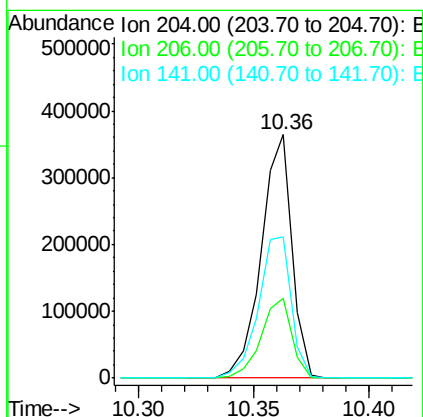
Manual Integrations
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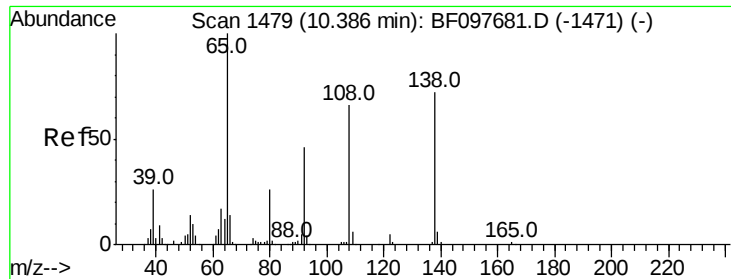
Sohil
8/17/2017 5:57:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.631 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	337089		
206	32.8	26.2	39.2	
141	58.1	60.8	91.2#	





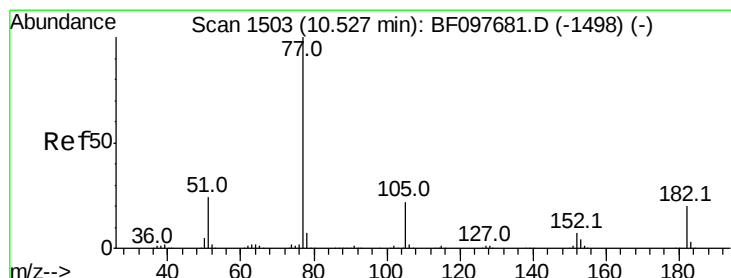
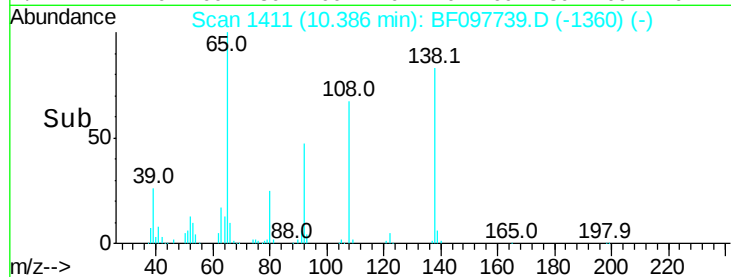
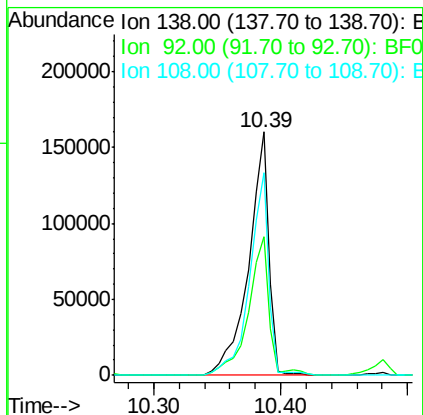
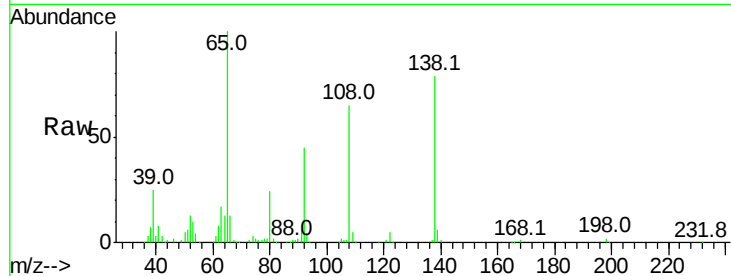
#61
4-Nitroaniline
Concen: 36.910 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.2	21.8	61.8
108	83.3	42.3	82.3

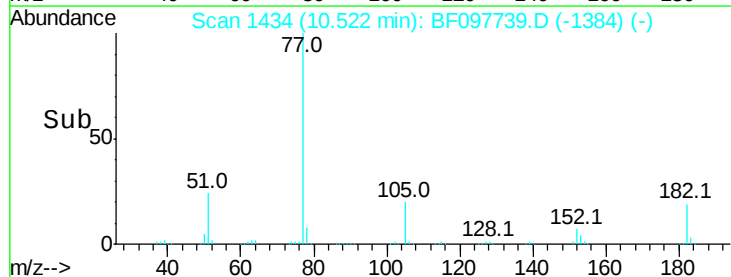
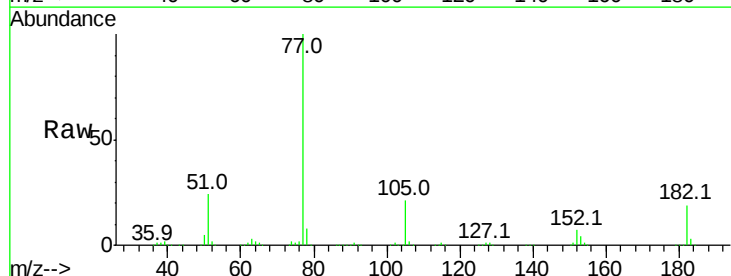
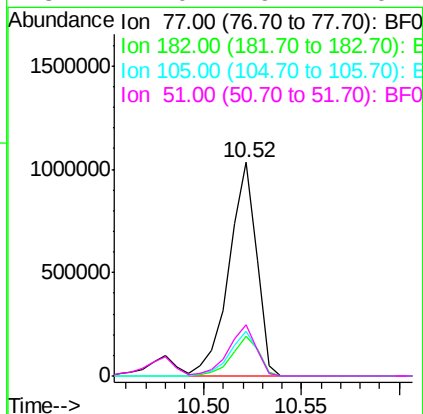
Manual Integrations
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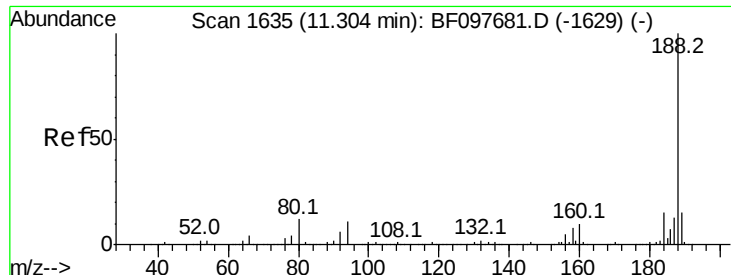
Sohil
8/17/2017 5:57:34 PM



#62
Azobenzene
Concen: 41.149 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	0.1	40.1
105	21.2	3.6	43.6
51	24.0	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

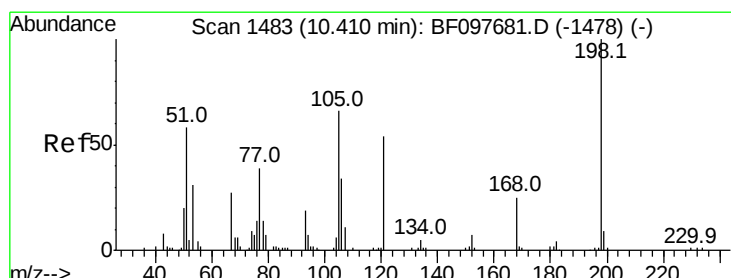
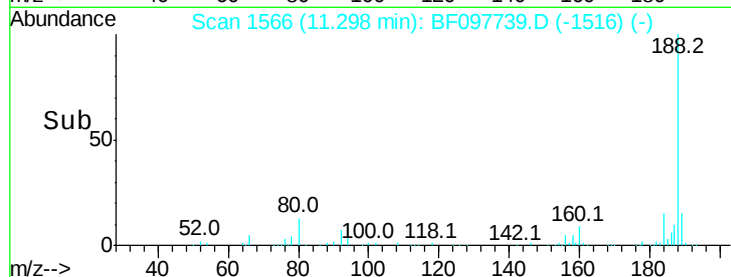
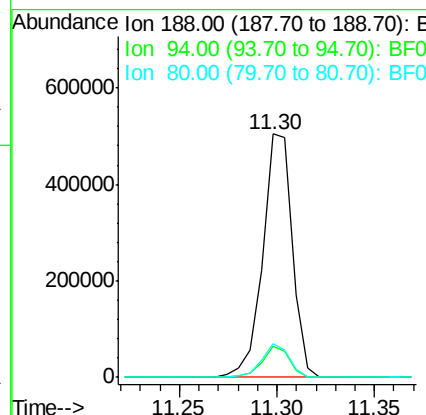
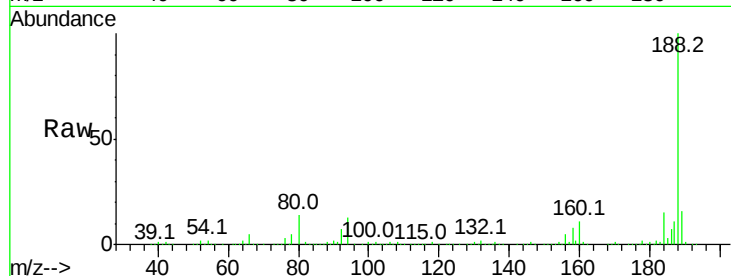
ClientSampleId :

PB101499BS

Tot Ion	188	Resp	529055
Ion Ratio	Lower	Upper	
188	100		
94	12.9	9.4	14.2
80	13.9	10.2	15.2

Manual Integrations
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8/17/2017 5:57:34 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 44.004 ng

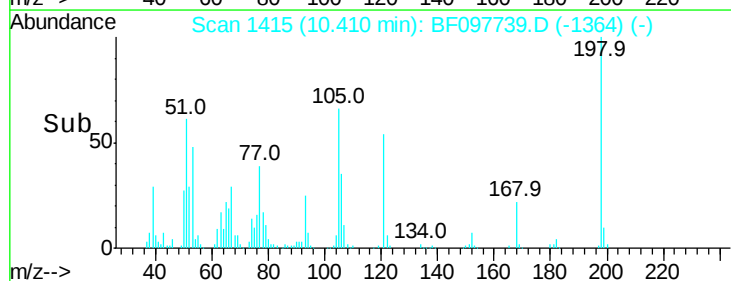
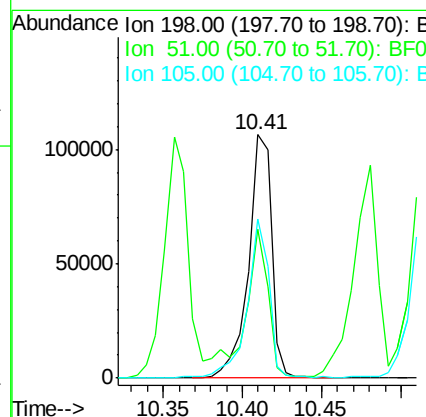
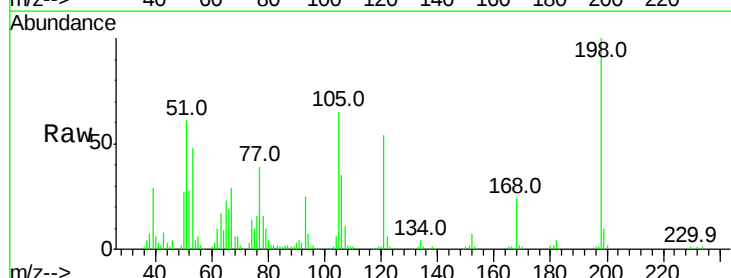
RT: 10.41 min Scan# 1415

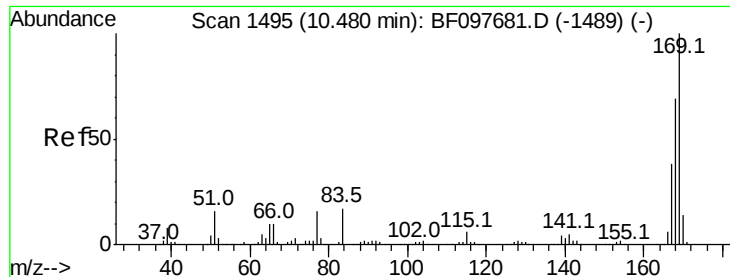
Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion	198	Resp	107616
Ion Ratio	Lower	Upper	
198	100		
51	61.1	53.2	93.2
105	65.3	45.8	85.8





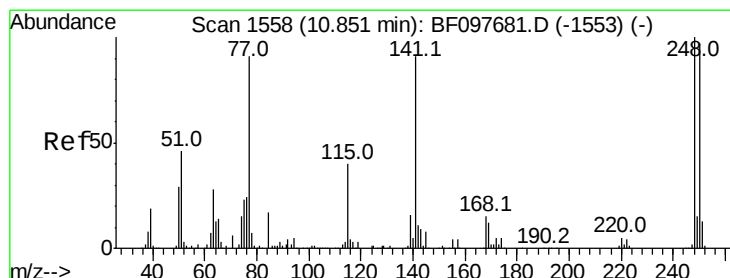
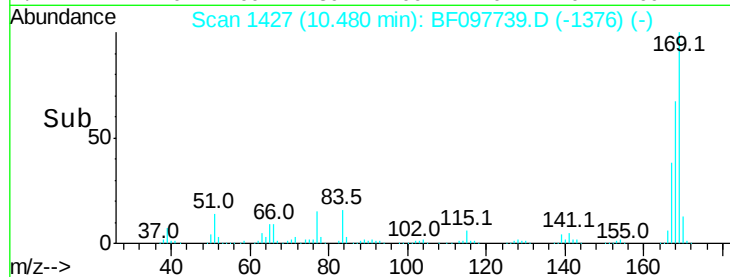
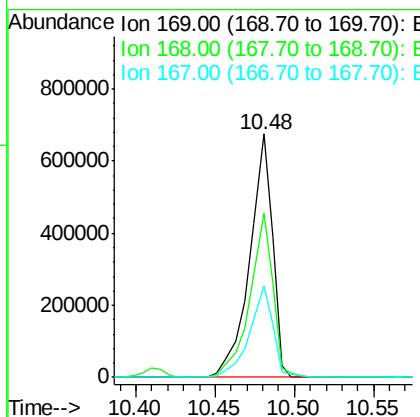
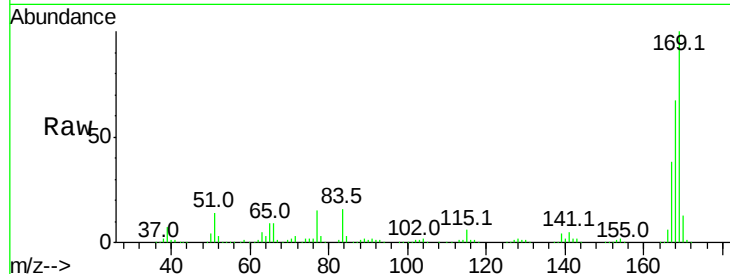
#65
 n-Nitrosodiphenylamine
 Concen: 37.377 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	673388		
168	67.2	53.2	79.8	
167	37.6	29.5	44.3	

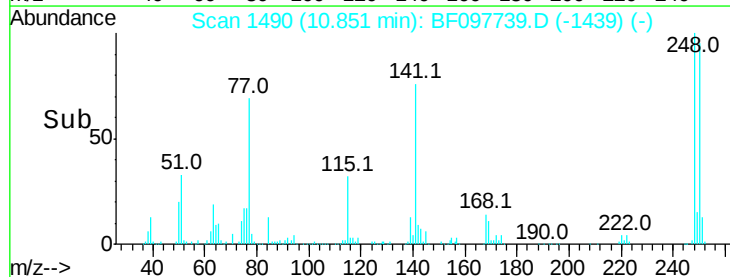
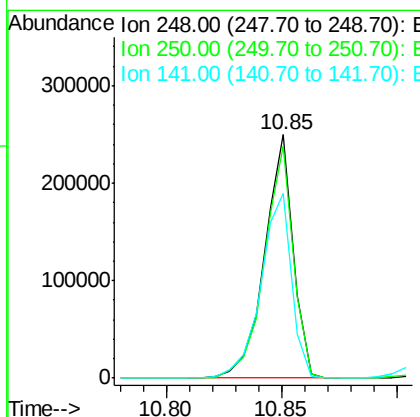
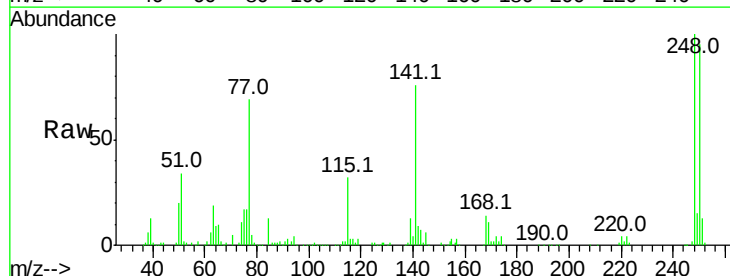
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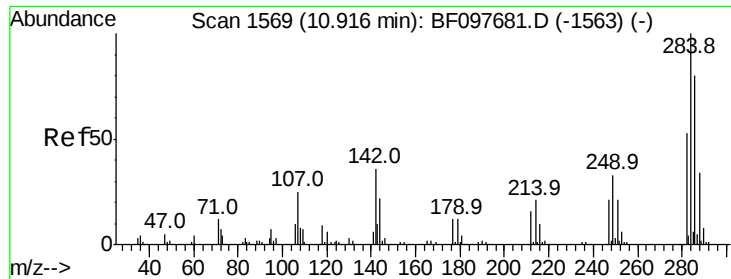
Sohil
 8/17/2017 5:57:34 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.166 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	215177		
250	95.4	76.8	115.2	
141	75.9	68.6	103.0	





#67

Hexachlorobenzene

Concen: 36.745 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

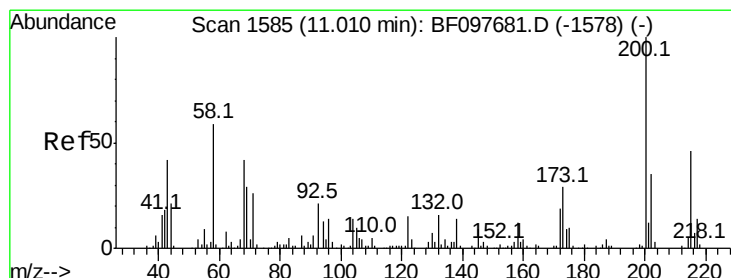
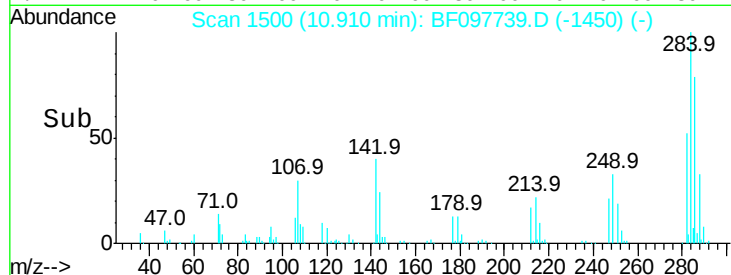
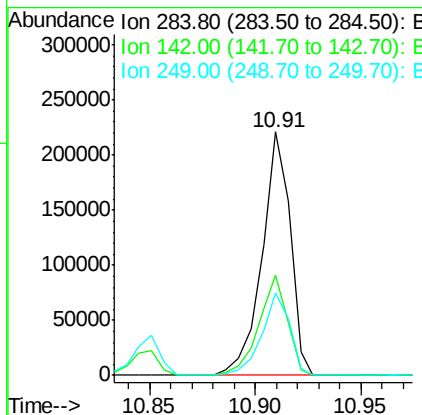
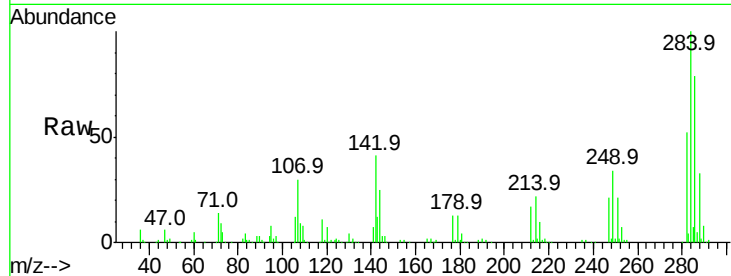
ClientSampleId :

PB101499BS

Tot Ion:	284	Resp:	205760
Ion Ratio		Lower	Upper
284	100		
142	41.3	22.8	34.2#
249	33.8	24.0	36.0

Manual Integrations
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8/17/2017 5:57:34 PM



#68

Atrazine

Concen: 43.527 ng

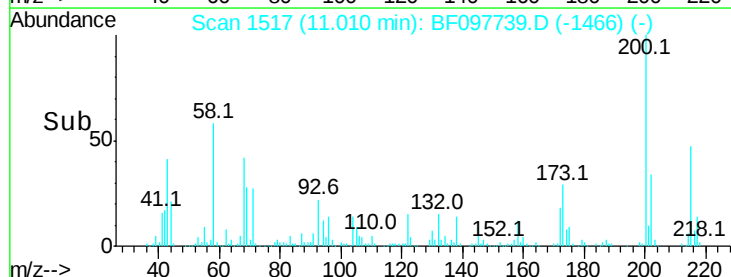
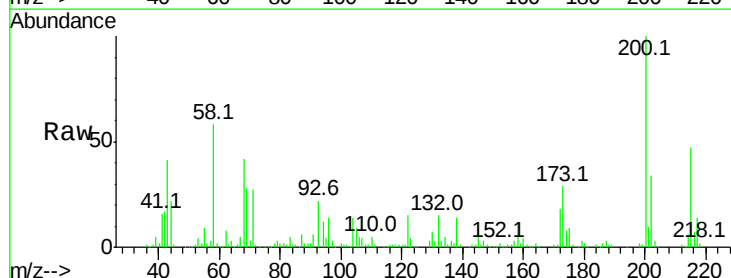
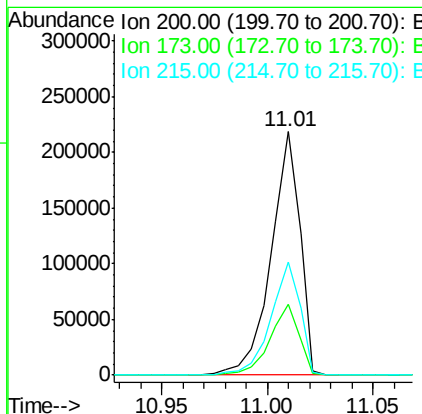
RT: 11.01 min Scan# 1517

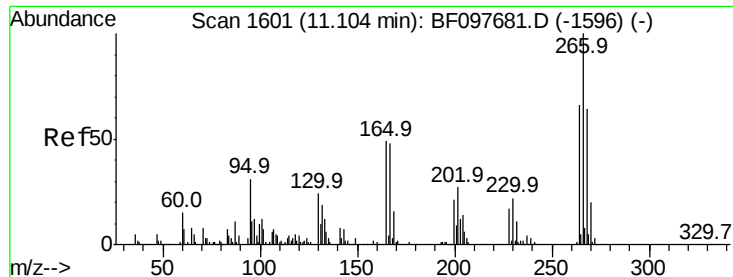
Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	200	Resp:	207964
Ion Ratio		Lower	Upper
200	100		
173	29.3	6.3	46.3
215	46.6	27.2	67.2





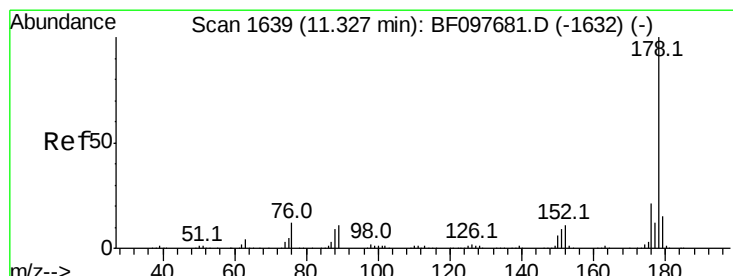
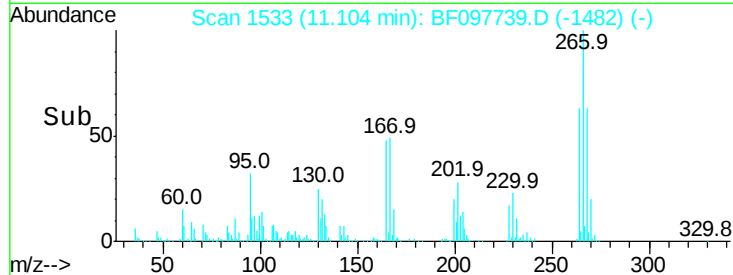
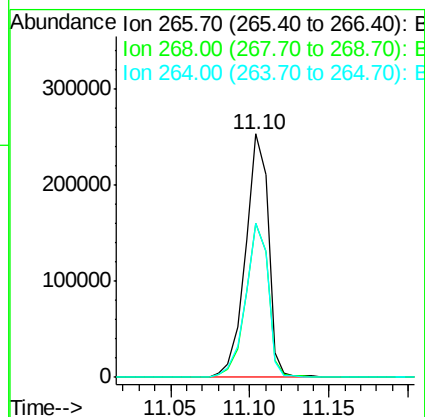
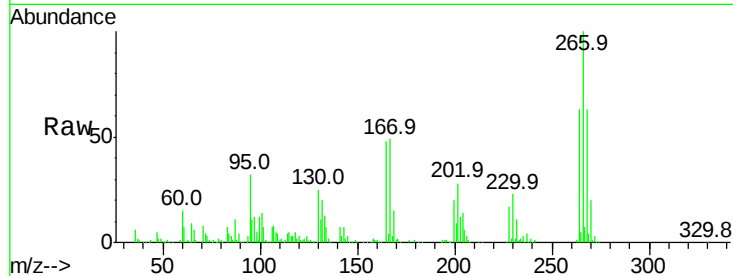
#69
 Pentachlorophenol
 Concen: 77.616 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	253414		
268	63.4	51.1	76.7	
264	63.4	51.7	77.5	

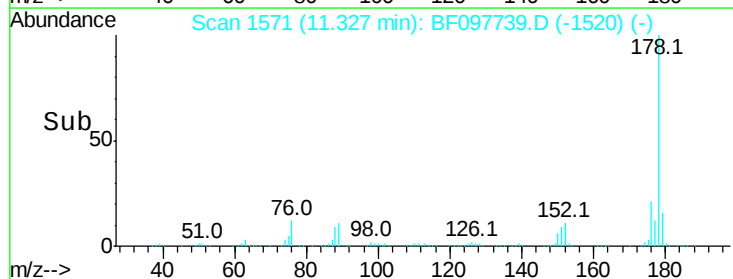
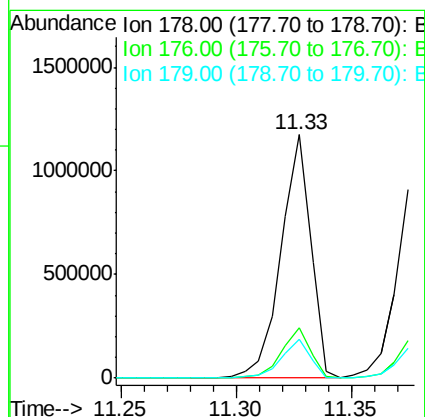
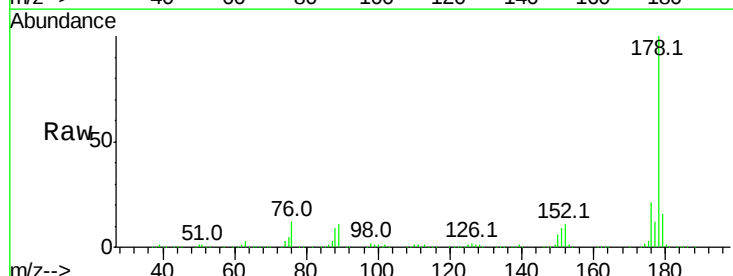
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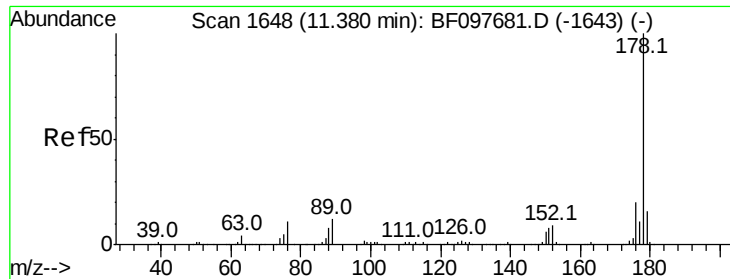
Sohil
 8/17/2017 5:57:34 PM



#70
 Phenanthrene
 Concen: 37.188 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1048397		
176	20.5	16.2	24.4	
179	15.8	12.6	19.0	





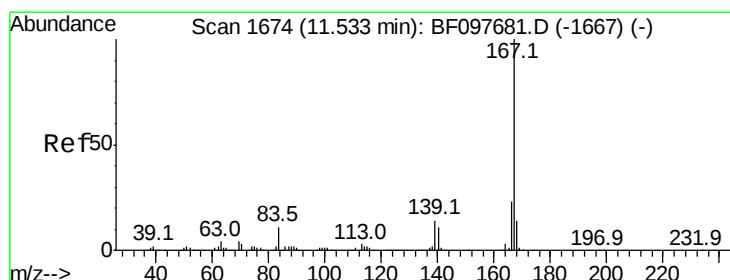
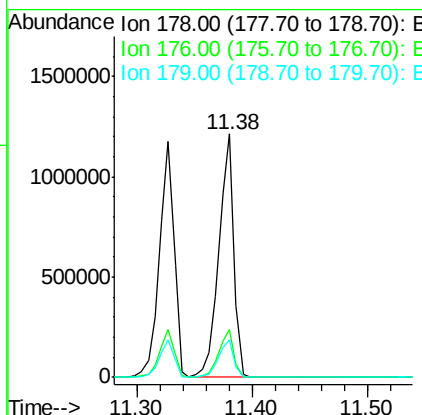
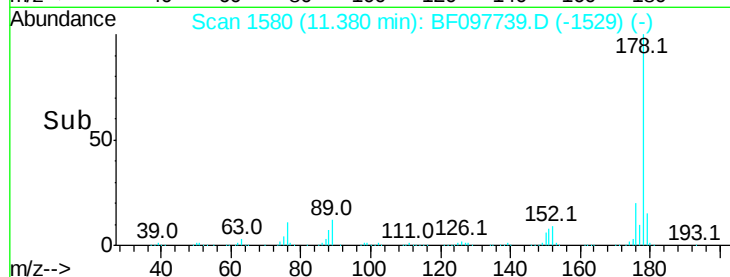
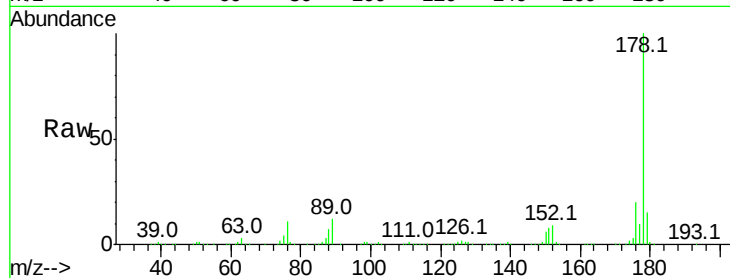
#71
 Anthracene
 Concen: 38.089 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.3	12.7	19.1

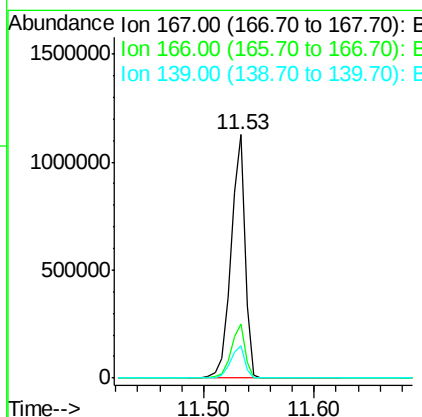
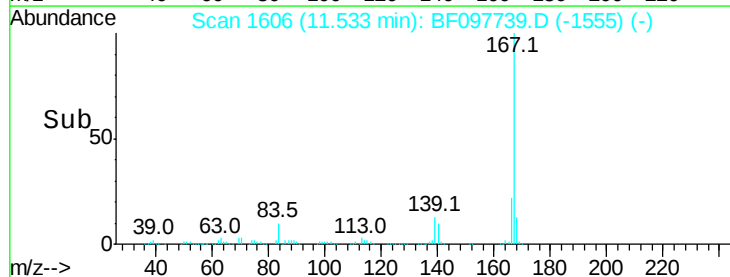
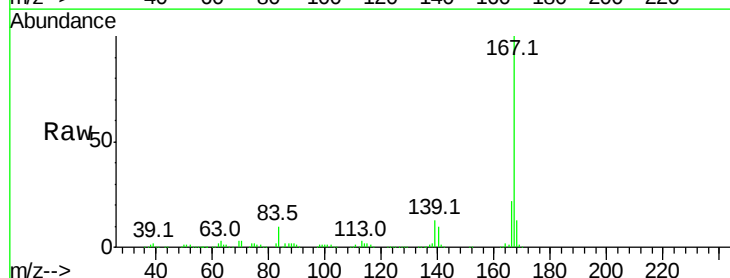
Manual Integrations
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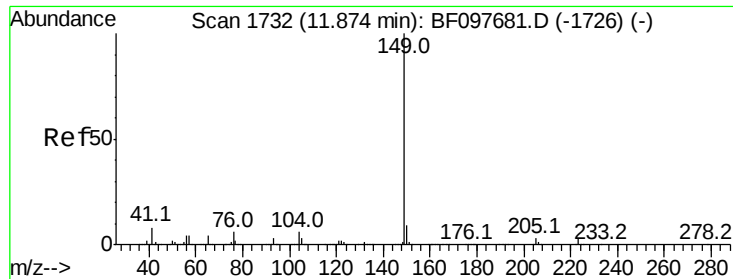
Sohil
 8/17/2017 5:57:34 PM



#72
 Carbazole
 Concen: 37.056 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.2	11.7	17.5





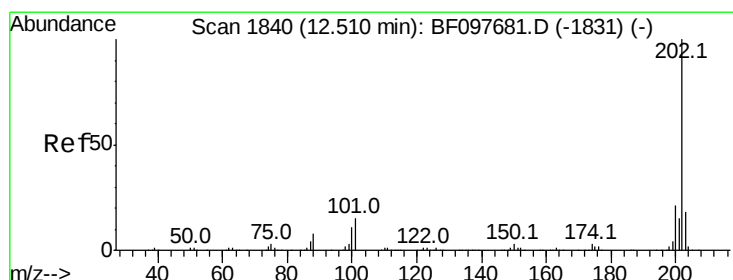
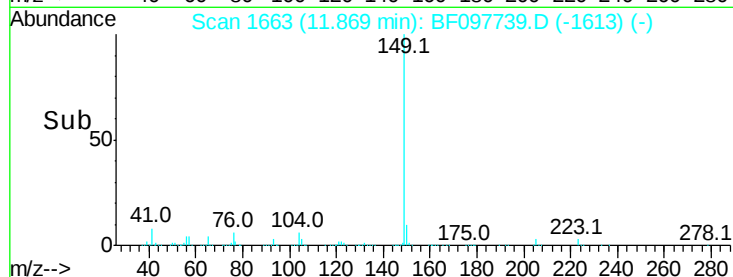
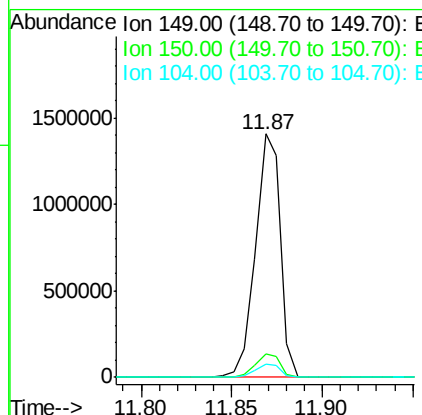
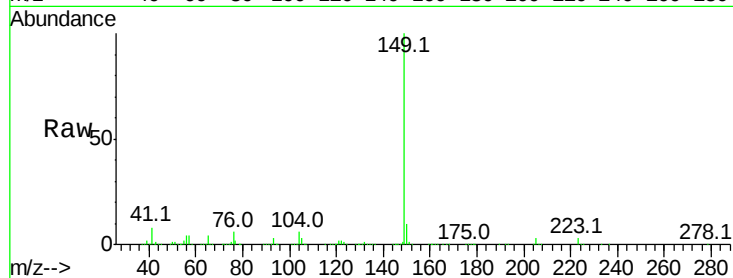
#73
Di-n-butylphthalate
Concen: 42.723 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion:149 Resp: 1335679
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.6 4.0 6.0

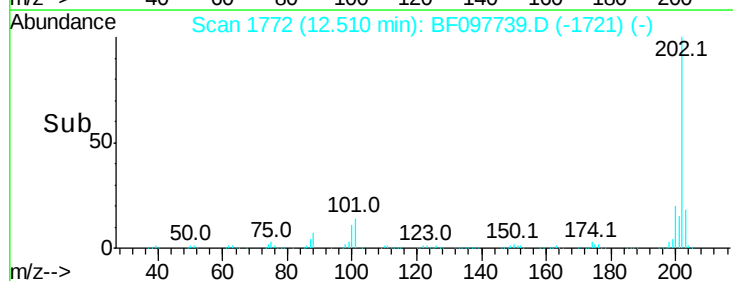
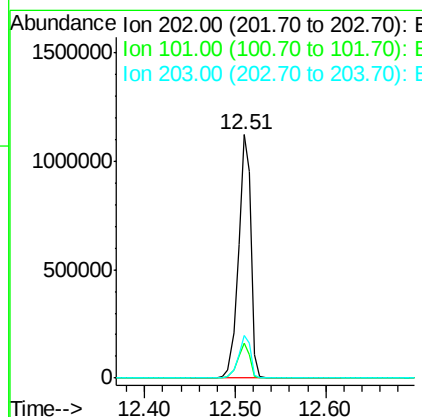
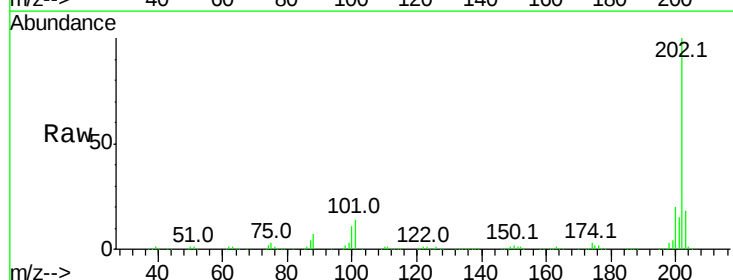
Manual Integrations
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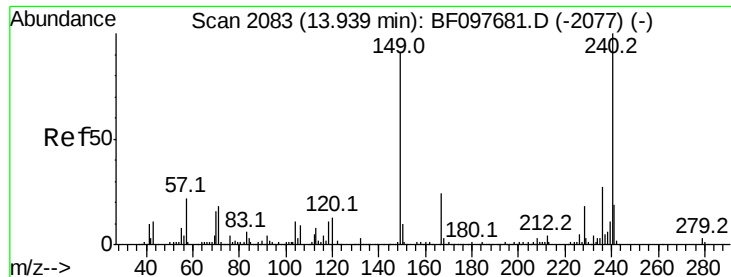
Sohil
8/17/2017 5:57:34 PM



#74
Fluoranthene
Concen: 36.921 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:202 Resp: 1086417
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

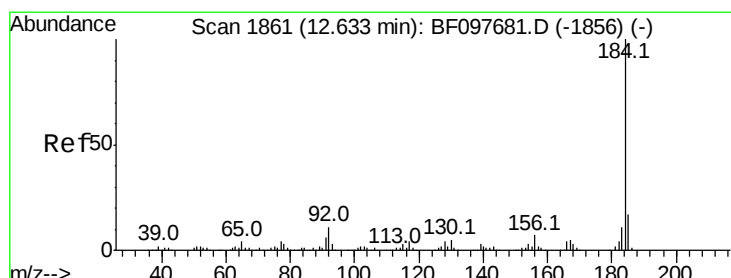
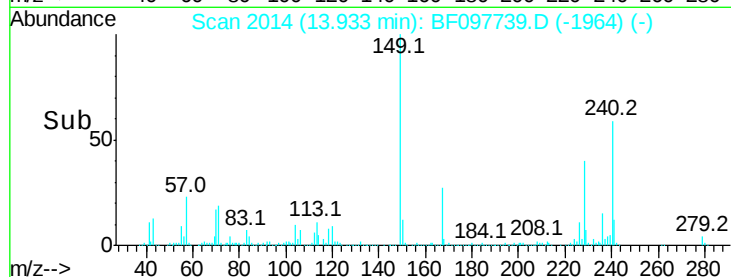
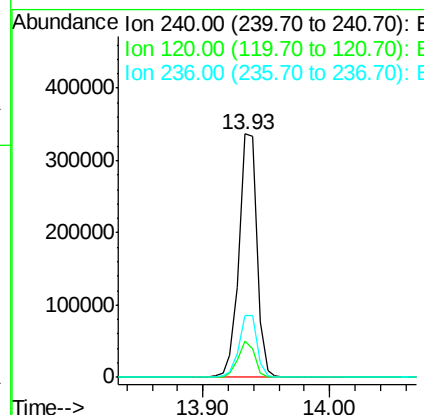
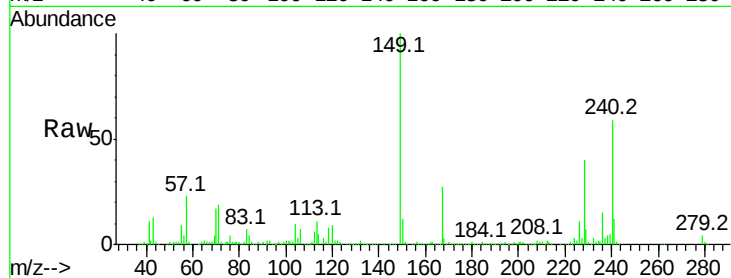
ClientSampleId :

PB101499BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.3	20.5	30.7

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#76

Benzidine

Concen: 28.745 ng

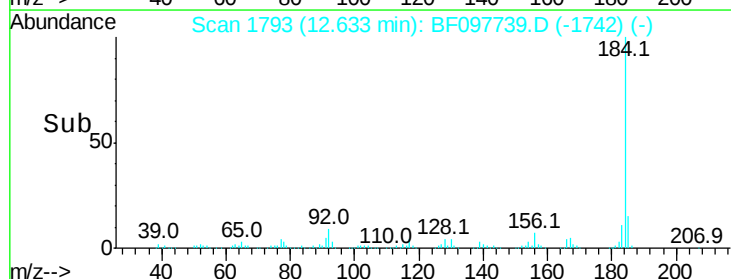
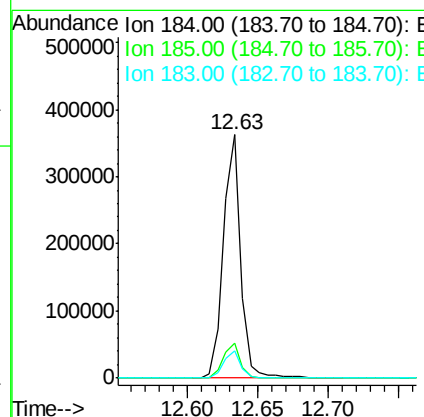
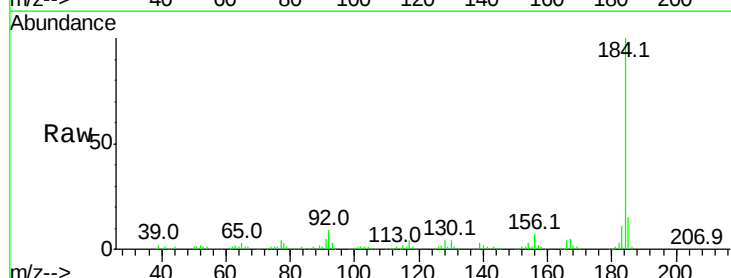
RT: 12.63 min Scan# 1793

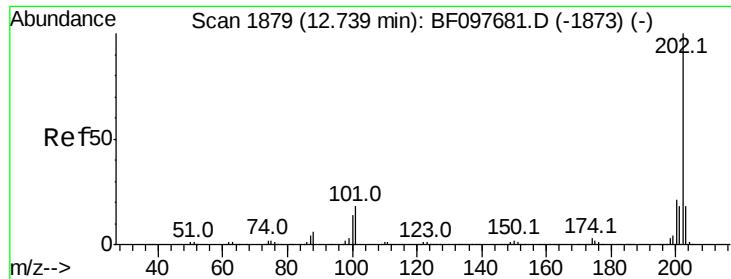
Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	15.5	23.3#
183	11.1	9.8	14.6





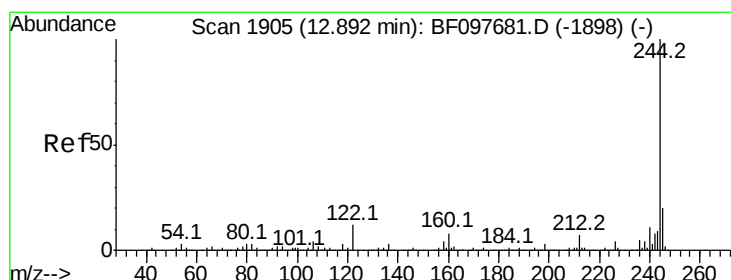
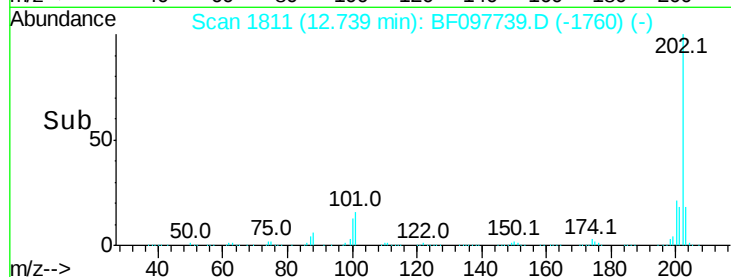
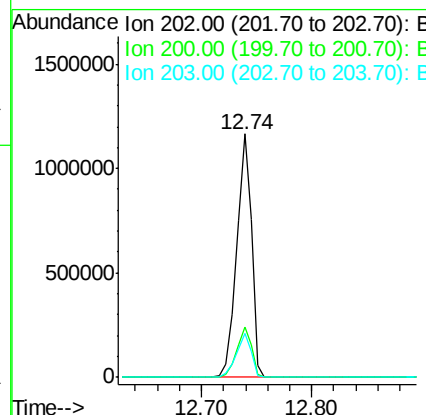
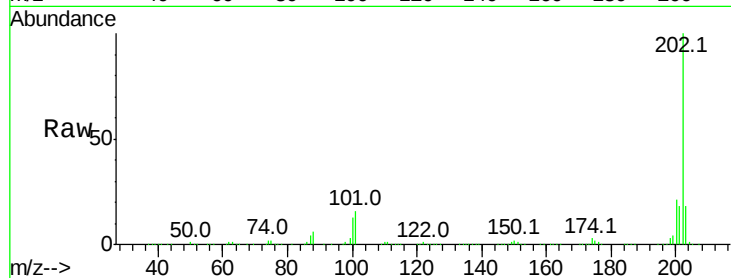
#77
Pvrene
Concen: 41.092 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.8	14.4	21.6

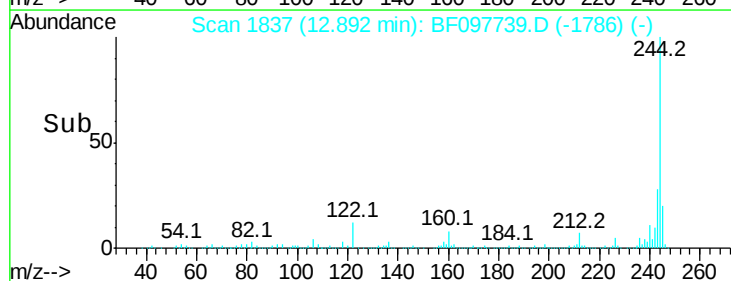
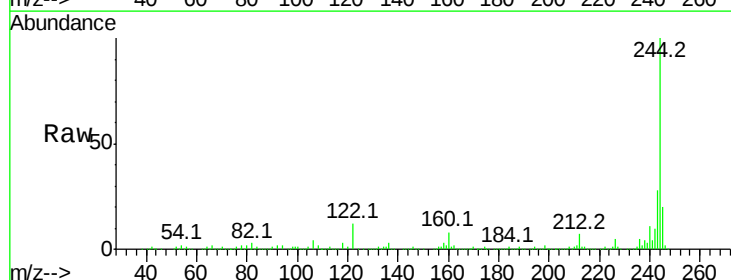
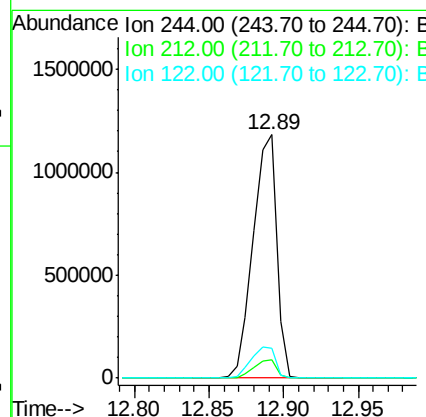
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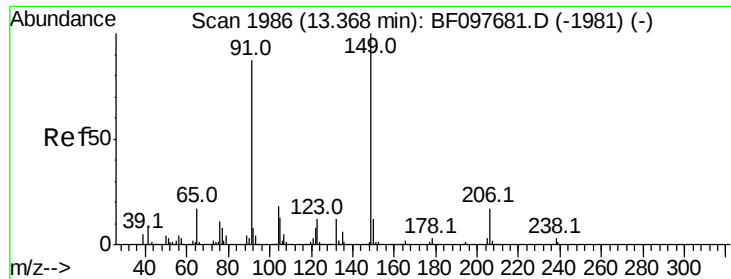
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#78
Terphenyl-d14
Concen: 82.478 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.3	10.3	15.5





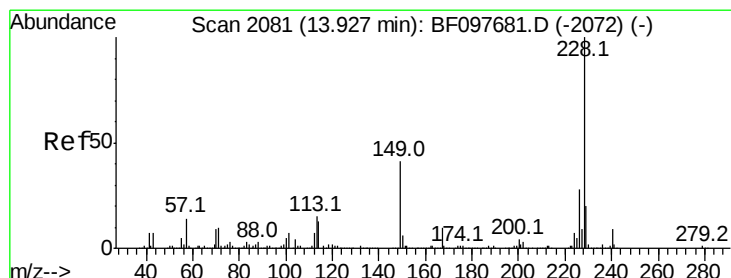
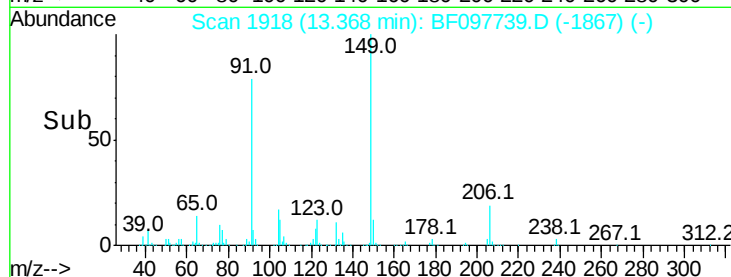
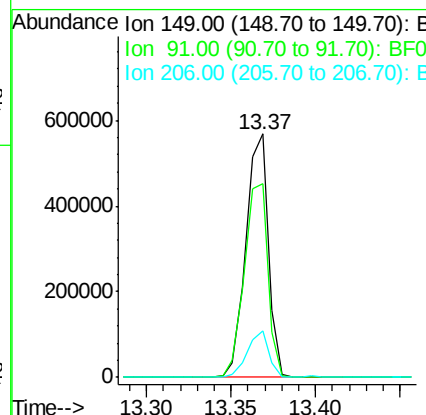
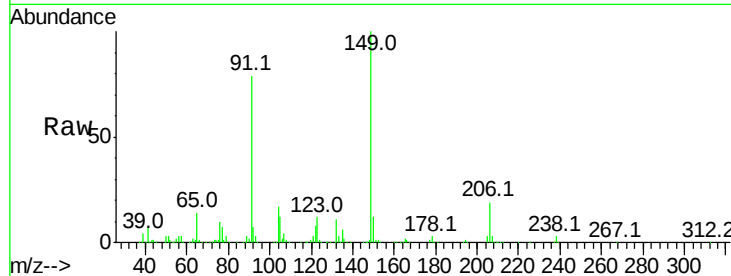
#79
Butylbenzylphthalate
Concen: 51.578 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	529057		
91	79.4	45.0	67.4#	
206	19.3	17.0	25.6	

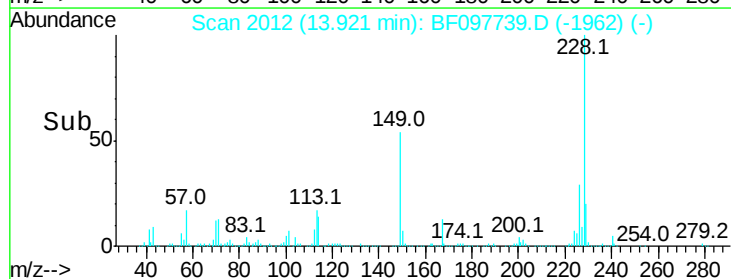
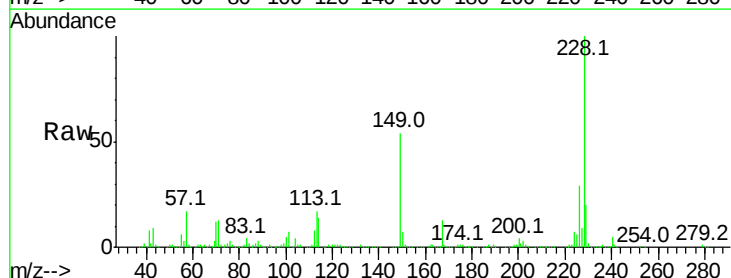
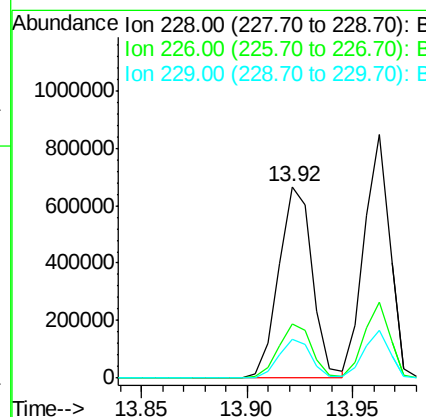
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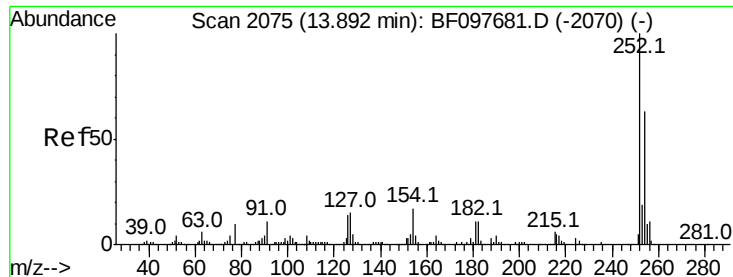
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#80
Benzo(a)anthracene
Concen: 37.791 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	740883		
226	28.6	22.6	33.8	
229	20.1	16.3	24.5	





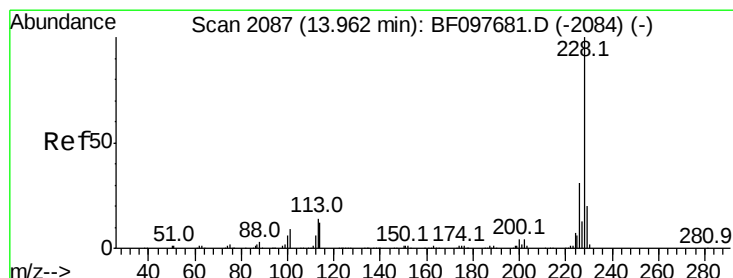
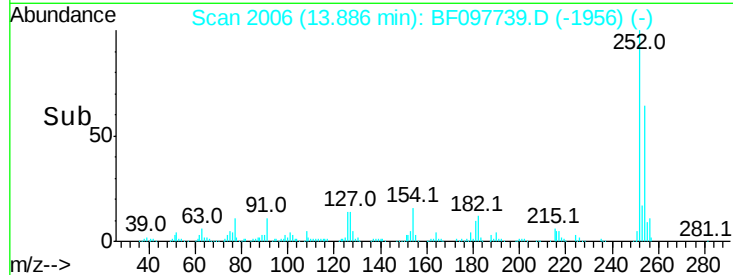
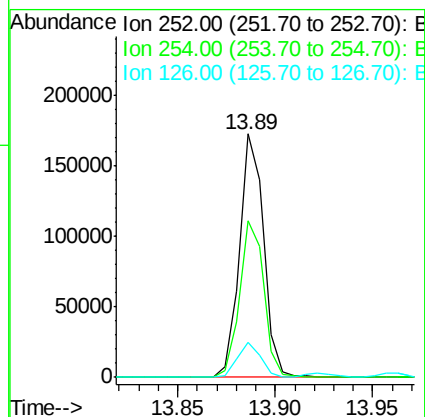
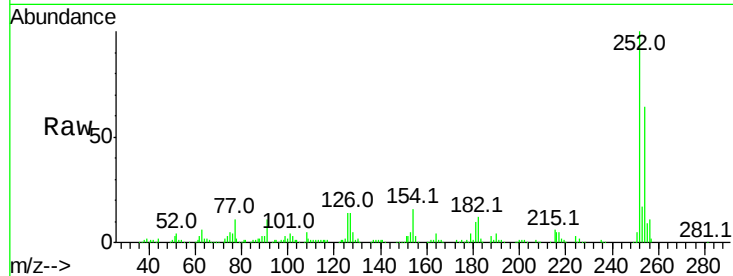
#81
3,3'-Dichlorobenzidine
Concen: 22.435 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	51.5	77.3	
126	14.2	15.8	23.8	

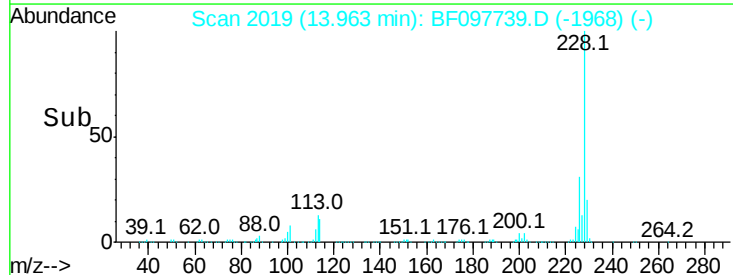
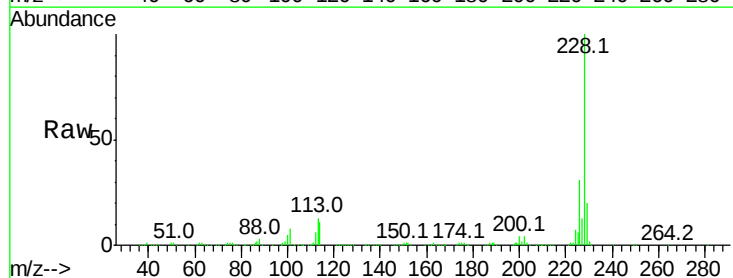
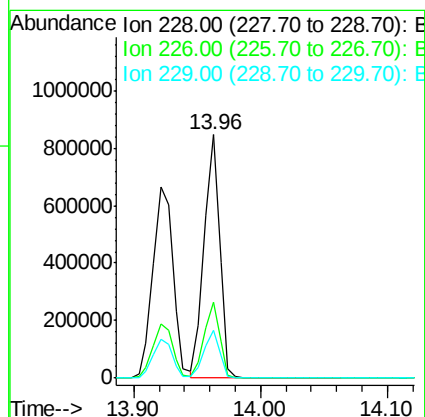
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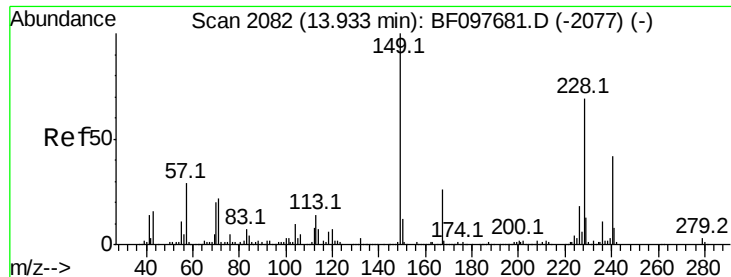
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#82
Chrysene
Concen: 37.121 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.0	24.9	37.3	
229	19.7	15.8	23.6	





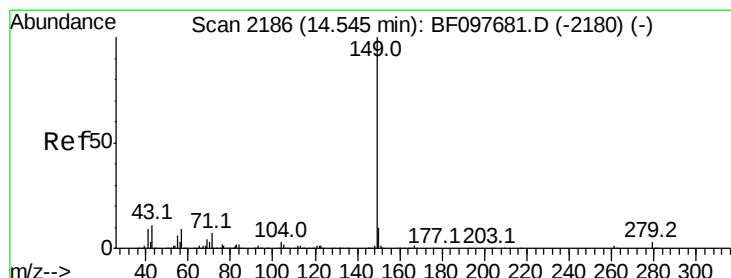
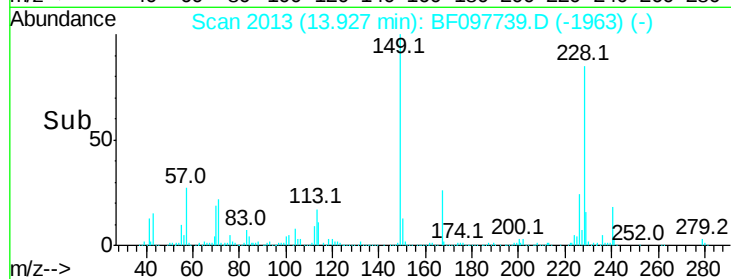
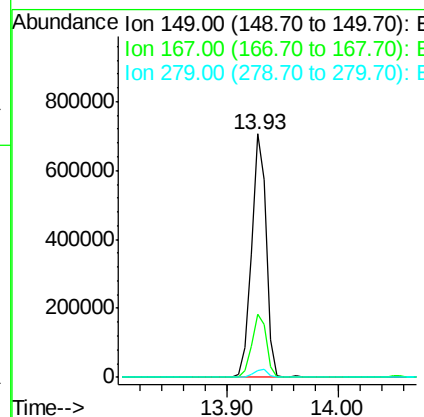
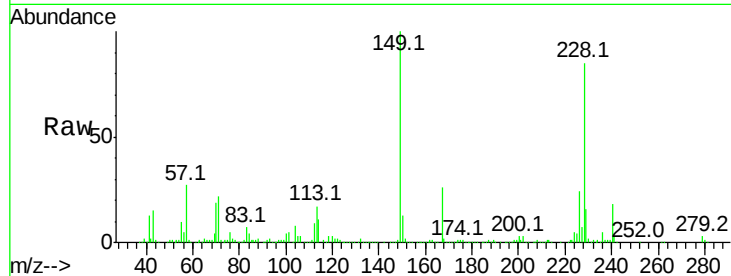
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.819 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	657194		
167	25.8	21.0	31.4	
279	2.9	1.9	2.9	

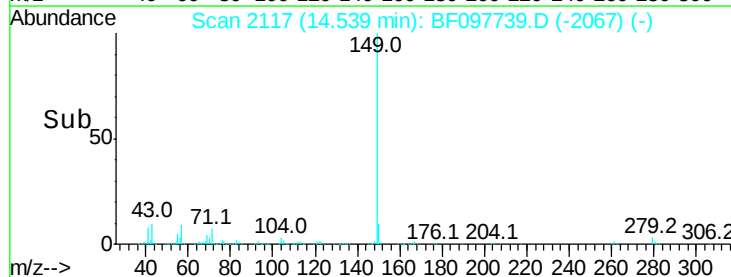
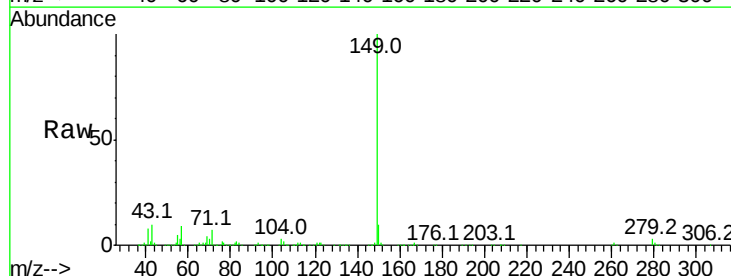
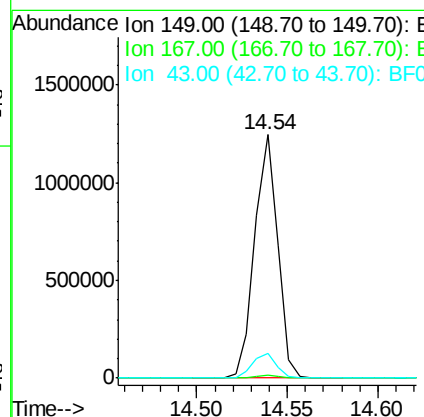
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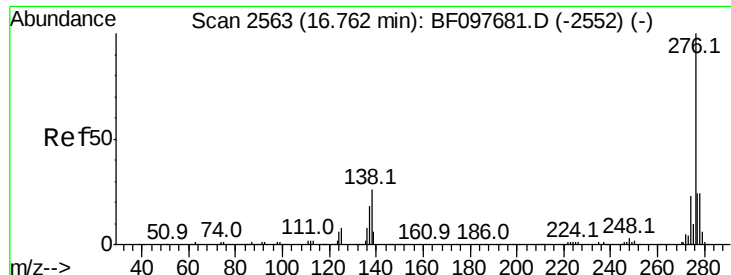
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#84
 Di-n-octyl phthalate
 Concen: 55.646 ng
 RT: 14.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1100501		
167	1.5	1.2	1.8	
43	10.2	8.5	12.7	





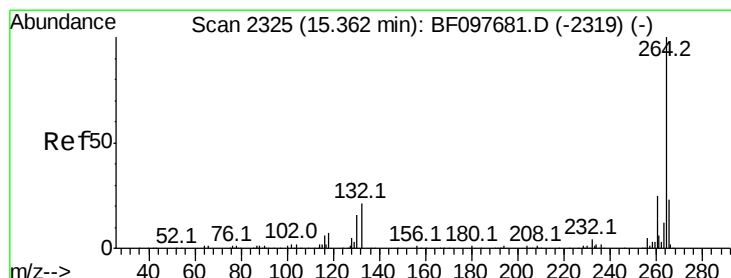
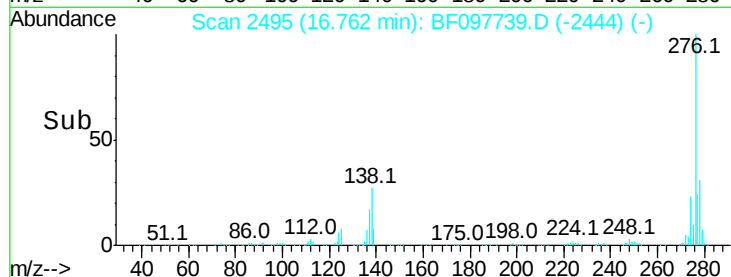
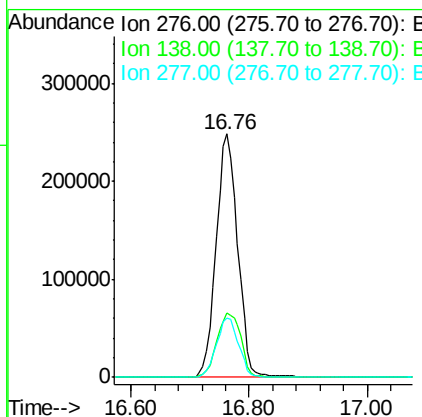
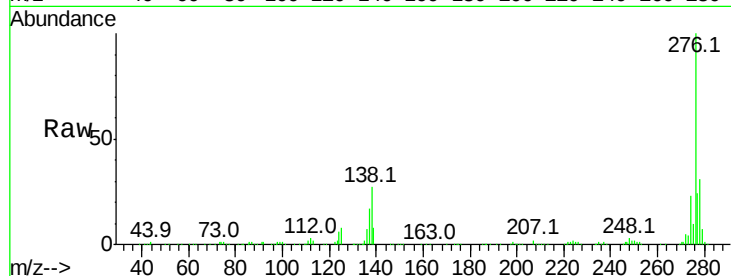
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.838 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	25.1	20.2	30.4

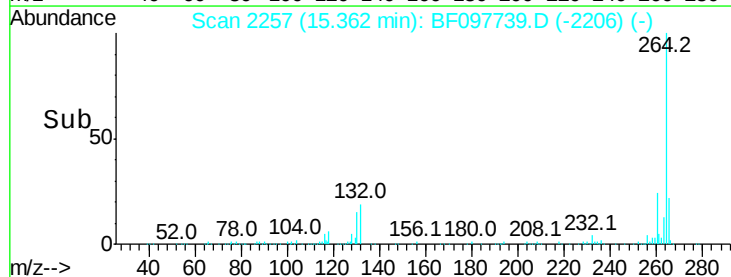
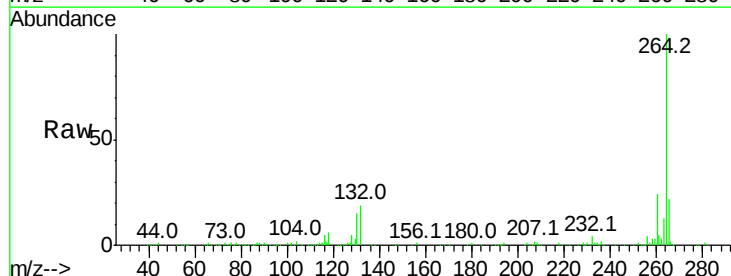
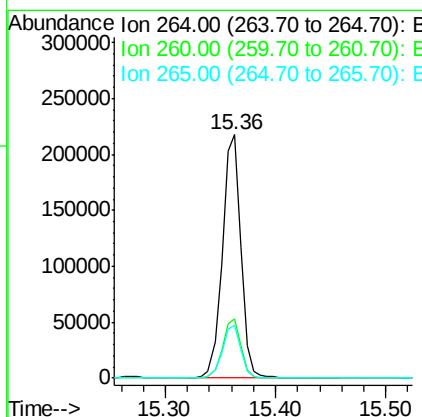
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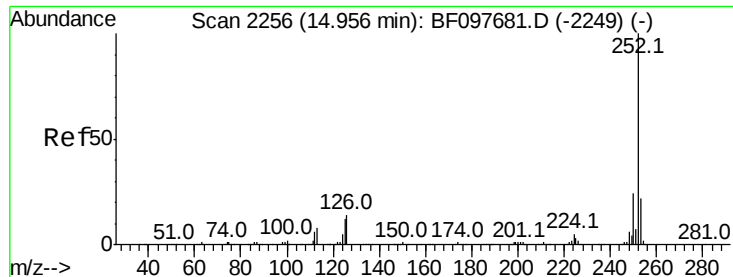
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.632 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

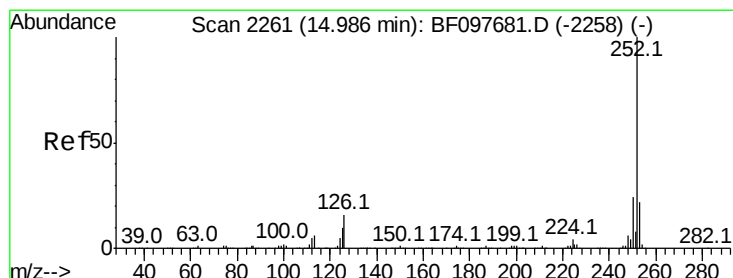
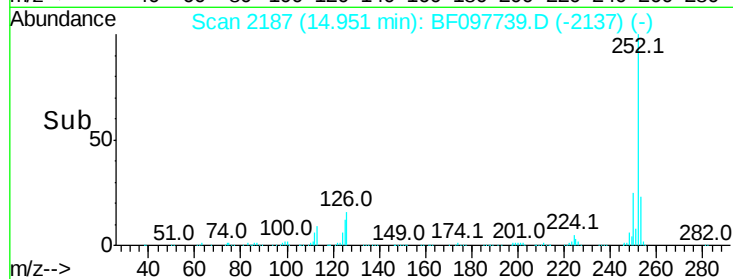
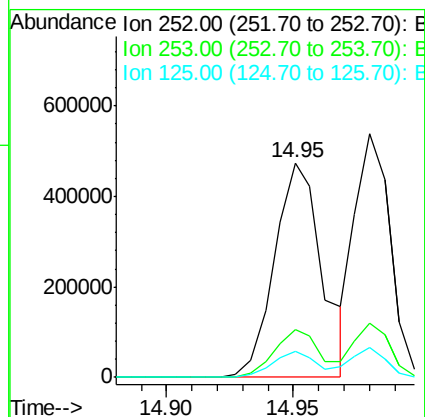
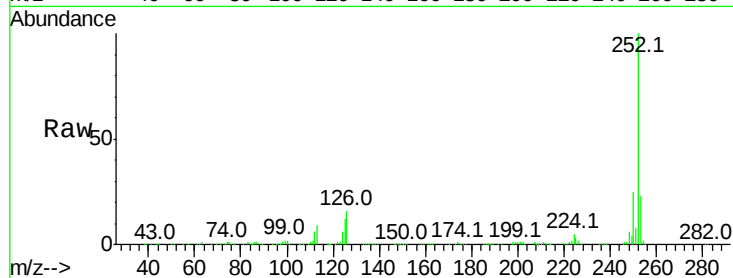
ClientSampleId :

PB101499BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	621209		
253	22.5	18.1	27.1	
125	12.2	9.8	14.8	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 35.095 ng

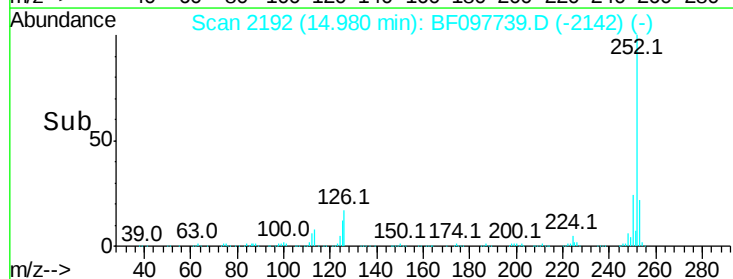
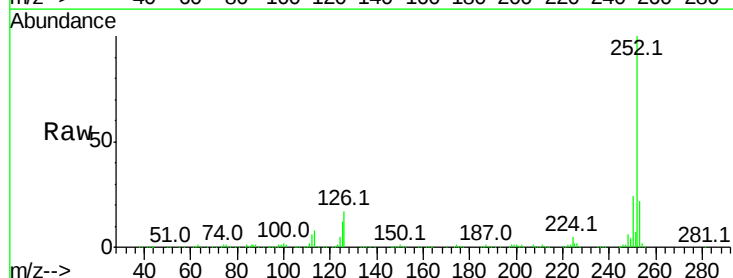
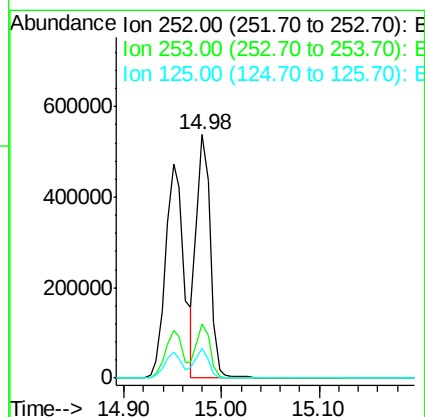
RT: 14.98 min Scan# 2192

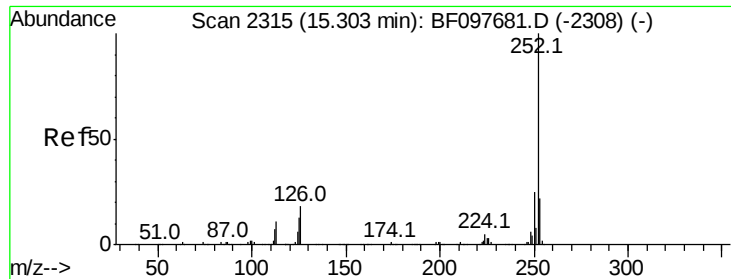
Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	530189		
253	22.5	18.4	27.6	
125	12.0	13.1	19.7	





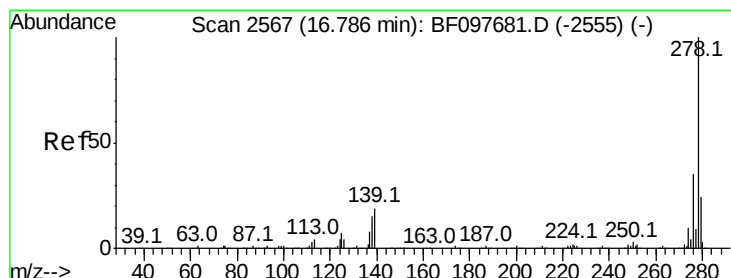
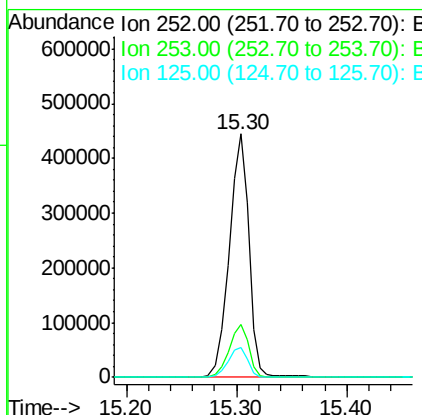
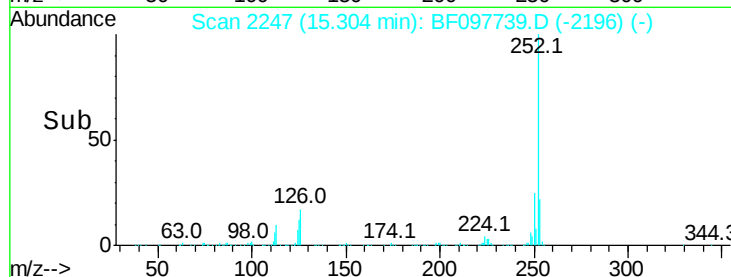
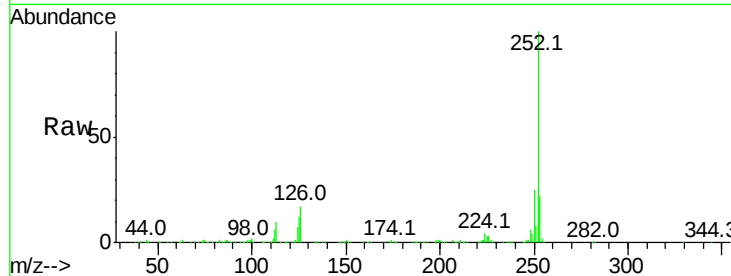
#89
Benzo(a)pyrene
Concen: 39.043 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.3	11.0	16.4

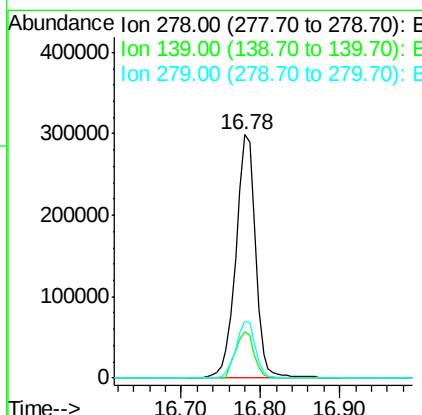
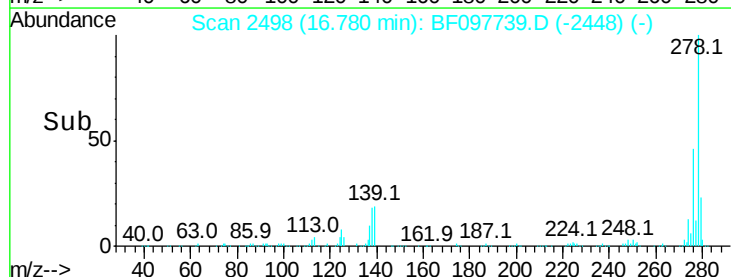
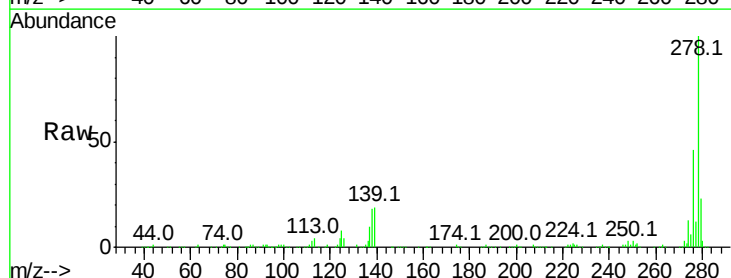
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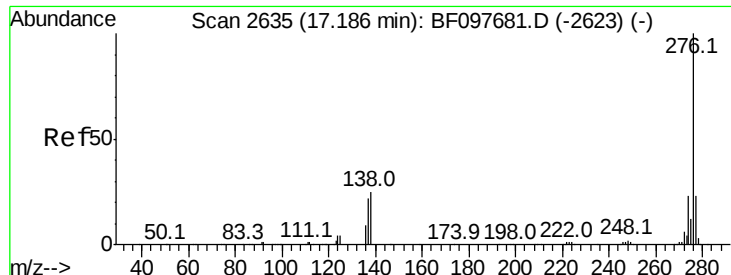
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#90
Dibenzo(a,h)anthracene
Concen: 44.620 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.5	19.3	28.9





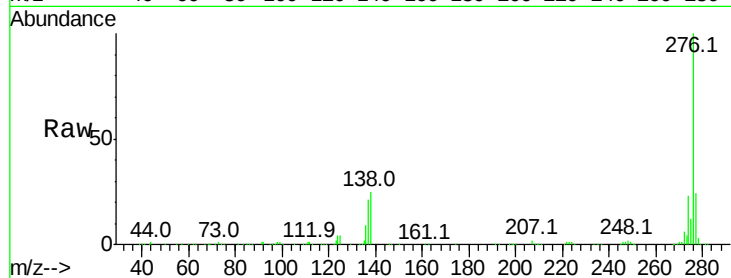
#91
 Benzo(a,h,i)perylene
 Concen: 44.879 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion:	276	Resp:	542695
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	25.3	25.4	38.0

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

