

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097005.D
 Acq On : 25 Jul 2017 00:32
 Operator : SJ/JU
 Sample : I4399-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:30 PM

Quant Time: Jul 25 03:20:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	112541	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	493837	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	216094	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	366087	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	196716	20.00	ng	-0.04
86) Perylene-d12	14.99	264	180044	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	981132	131.08	ng	-0.02
7) Phenol-d6	6.19	99	1325802	147.61	ng	-0.02
23) Nitrobenzene-d5	7.09	82	878447	110.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	279714	151.64	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1374257	100.48	ng	-0.03
78) Terphenyl-d14	12.61	244	1100061	96.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	86628	22.493	ng	# 74
3) Pyridine	2.72	79	280530	34.659	ng	# 69
4) n-Nitrosodimethylamine	2.66	42	189878	41.949	ng	# 84
6) Aniline	6.18	93	372251	33.646	ng	# 76
8) 2-Chlorophenol	6.31	128	337086	41.746	ng	# 94
9) Benzaldehyde	6.06	77	113200	21.805	ng	# 98
10) Phenol	6.20	94	457096	45.017	ng	# 97
11) bis(2-Chloroethyl)ether	6.26	93	336650	44.090	ng	# 91
12) 1,3-Dichlorobenzene	6.46	146	294322	34.291	ng	# 99
13) 1,4-Dichlorobenzene	6.53	146	304102	34.986	ng	# 96
14) 1,2-Dichlorobenzene	6.69	146	278936	35.282	ng	# 97
15) Benzyl Alcohol	6.67	79	267623	45.510	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	653523	41.472	ng	# 52
17) 2-Methylphenol	6.80	107	284471	45.304	ng	# 90
18) Hexachloroethane	7.02	117	110594	35.882	ng	# 79
19) n-Nitroso-di-n-propylamine	6.95	70	264528	48.884	ng	# 81
20) 3+4-Methylphenols	6.96	107	400417	52.551	ng	# 64
22) Acetophenone	6.93	105	504389	45.698	ng	# 98
24) Nitrobenzene	7.10	77	371842	45.095	ng	# 96
25) Isophorone	7.35	82	746782	50.351	ng	# 97
26) 2-Nitrophenol	7.42	139	210848	45.987	ng	# 87
27) 2,4-Dimethylphenol	7.48	122	333979	44.278	ng	# 98
28) bis(2-Chloroethoxy)methane	7.56	93	503603	50.249	ng	# 99
29) 2,4-Dichlorophenol	7.67	162	316448	46.348	ng	# 98
30) 1,2,4-Trichlorobenzene	7.75	180	263866	40.647	ng	# 98
31) Naphthalene	7.82	128	1036448	44.304	ng	# 99
32) Benzoic acid	7.57	122	15083	3.129	ng	# 99
33) 4-Chloroaniline	7.88	127	391333	42.221	ng	# 95
34) Hexachlorobutadiene	7.95	225	130114	37.546	ng	# 98
35) Caprolactam	8.26	113	122432m	55.964	ng	# 99
36) 4-Chloro-3-methylphenol	8.39	107	365383	49.770	ng	# 89
37) 2-Methylnaphthalene	8.51	142	714036	47.875	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	246542	42.205	ng	# 99
40) Hexachlorocyclopentadiene	8.67	237	168051	76.709	ng	# 99

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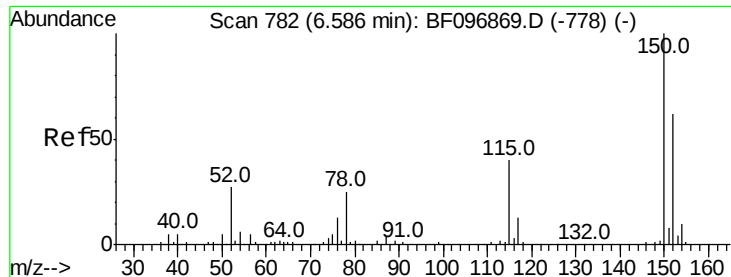
Manual Integrations
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Sohil
 7/25/2017 5:36:30 PM

Quant Time: Jul 25 03:20:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	187729	43.568	nq	98
43) 2,4,5-Trichlorophenol	8.85	196	200446	46.125	nq	95
45) 1,1'-Biphenyl	8.98	154	791522	42.709	nq	98
46) 2-Chloronaphthalene	9.00	162	612443	44.878	nq	# 93
47) 2-Nitroaniline	9.10	65	257557	54.905	nq	94
48) Acenaphthylene	9.41	152	993564	45.693	nq	99
49) Dimethylphthalate	9.29	163	897610	55.166	nq	99
50) 2,6-Dinitrotoluene	9.35	165	183536	52.077	nq	# 76
51) Acenaphthene	9.58	154	602902	46.936	nq	99
52) 3-Nitroaniline	9.52	138	207289	49.649	nq	94
53) 2,4-Dinitrophenol	9.63	184	56758	36.525	nq	# 75
54) Dibenzofuran	9.75	168	879963	48.886	nq	97
55) 4-Nitrophenol	9.71	139	295923	97.017	nq	# 64
56) 2,4-Dinitrotoluene	9.75	165	221570	48.925	nq	# 50
57) Fluorene	10.09	166	623091	46.844	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	171789	57.000	nq	99
59) Diethylphthalate	9.99	149	779212	49.193	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	257429	47.424	nq	99
61) 4-Nitroaniline	10.13	138	232751	59.366	nq	93
62) Azobenzene	10.25	77	782116	55.970	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	109242	47.528	nq	92
65) n-Nitrosodiphenylamine	10.22	169	618032	47.228	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	179450	48.012	nq	98
67) Hexachlorobenzene	10.64	284	182902	43.937	nq	# 84
68) Atrazine	10.74	200	189763	50.898	nq	93
69) Pentachlorophenol	10.84	266	154349	76.751	nq	98
70) Phenanthrene	11.04	178	979408	49.203	nq	99
71) Anthracene	11.10	178	973570	48.374	nq	99
72) Carbazole	11.26	167	991006	50.848	nq	99
73) Di-n-butylphthalate	11.60	149	1180384	48.631	nq	99
74) Fluoranthene	12.23	202	949429	49.831	nq	99
76) Benzidine	12.35	184	228085	35.392	nq	# 93
77) Pyrene	12.45	202	956671	53.586	nq	98
79) Butylbenzylphthalate	13.08	149	491600	57.954	nq	# 75
80) Benzo(a)anthracene	13.63	228	675335	55.098	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	202270	45.891	nq	# 96
82) Chrysene	13.67	228	655084	54.290	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	591917	57.300	nq	99
84) Di-n-octyl phthalate	14.26	149	927166	54.297	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.23	276	564431	48.733	nq	98
87) Benzo(b)fluoranthene	14.63	252	561098	51.673	nq	98
88) Benzo(k)fluoranthene	14.66	252	523262	50.888	nq	97
89) Benzo(a)pyrene	14.94	252	496302	49.833	nq	98
90) Dibenzo(a,h)anthracene	16.25	278	460270	50.225	nq	98
91) Benzo(g,h,i)perylene	16.60	276	500465	50.998	nq	99

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



#1

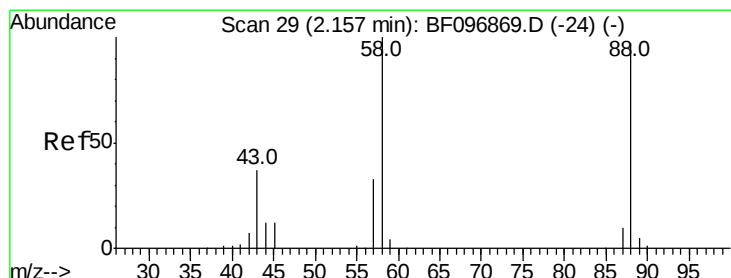
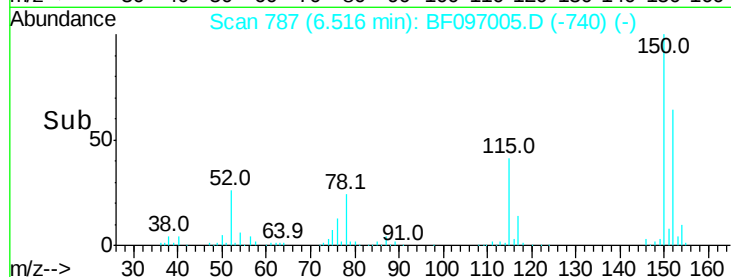
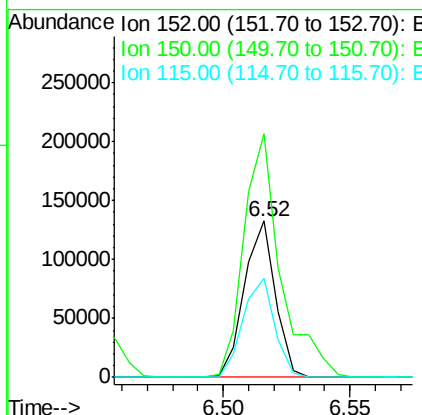
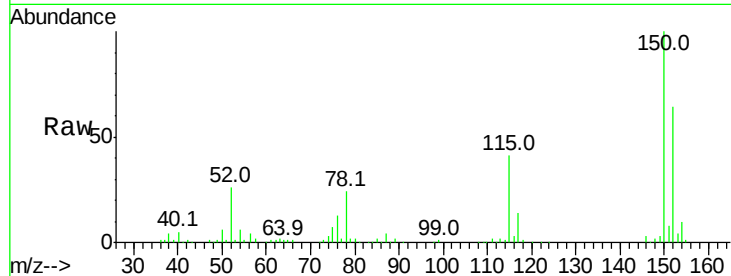
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	63.4	52.2	78.2

Manual Integrations
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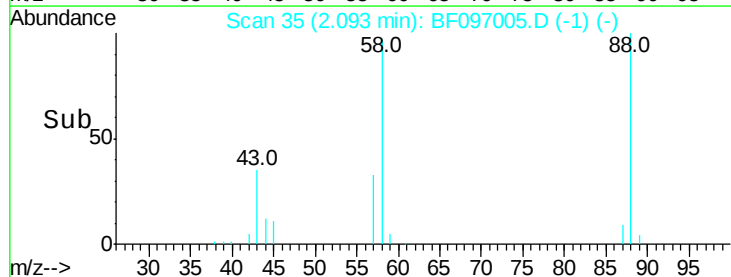
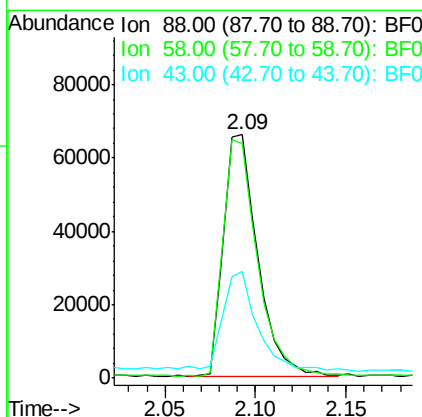
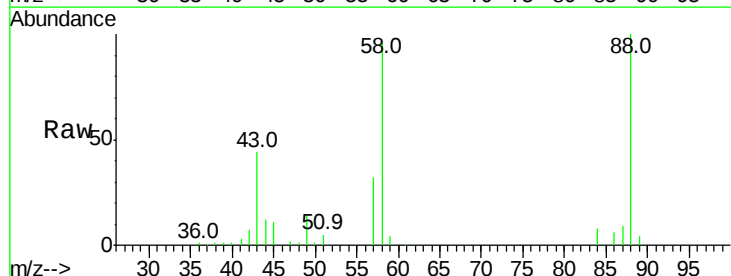
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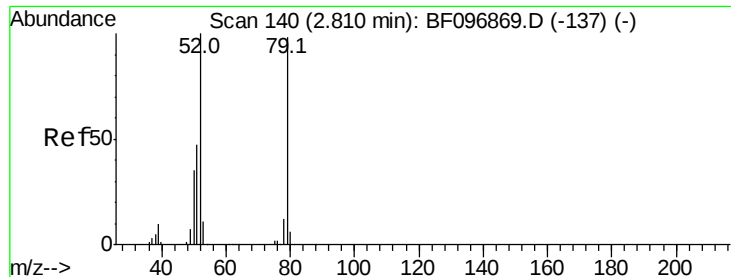


#2

1,4-Dioxane
Concen: 22.493 ng
RT: 2.09 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	61.4	92.0#
43	41.7	23.4	35.0#





#3

Pvridine

Concen: 34.659 ng

RT: 2.72 min Scan# 142

Delta R.T. -0.00 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

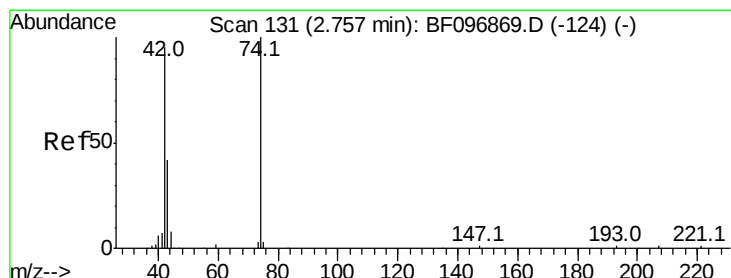
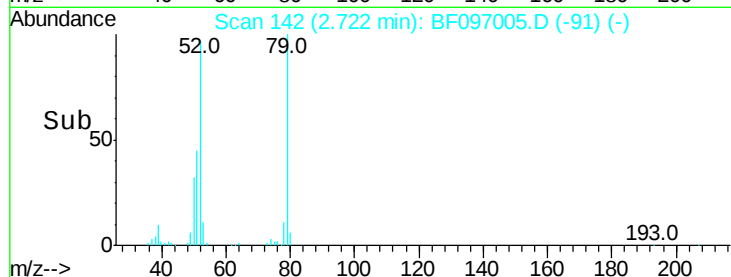
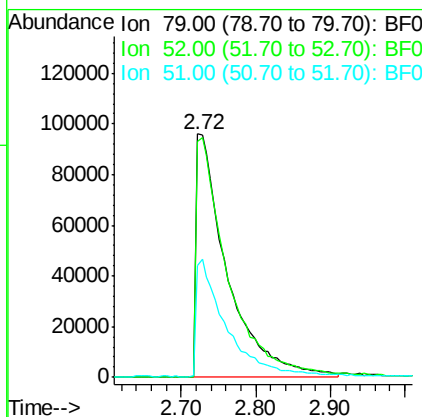
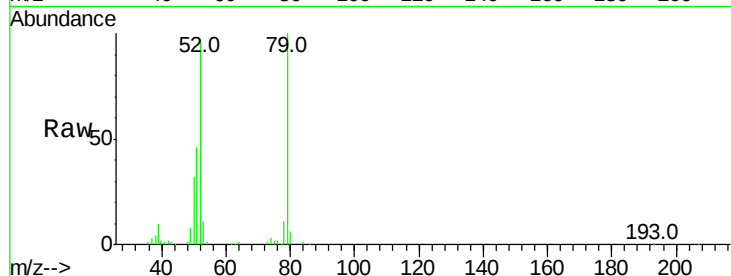
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	79	Resp:	280530
Ion Ratio	Lower	Upper	
79	100		
52	97.0	54.8	82.2#
51	46.1	27.0	40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.949 ng

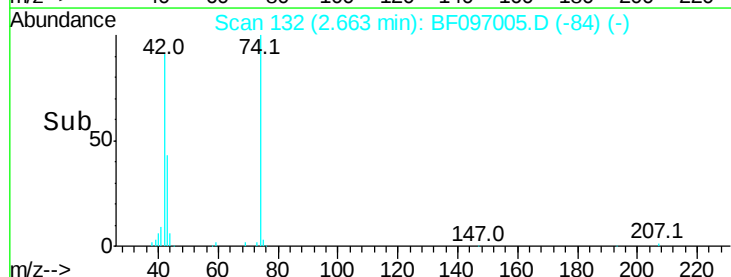
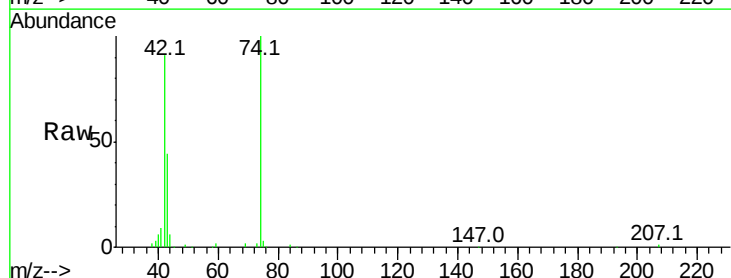
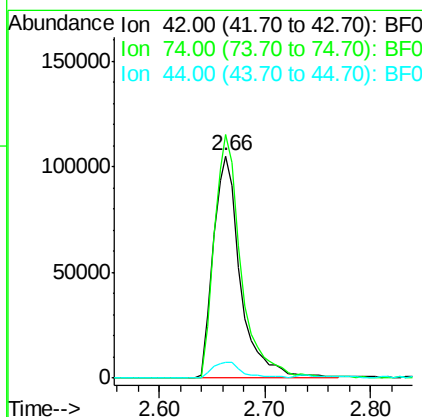
RT: 2.66 min Scan# 132

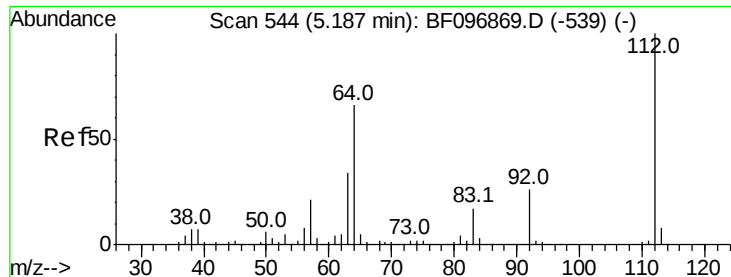
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	42	Resp:	189878
Ion Ratio	Lower	Upper	
42	100		
74	109.6	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 131.082 ng

RT: 5.13 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

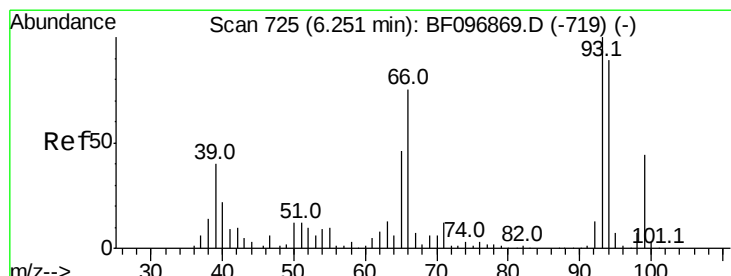
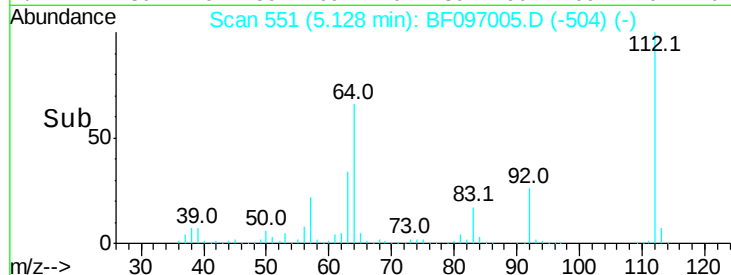
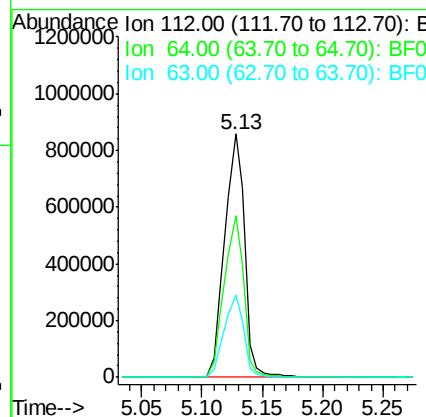
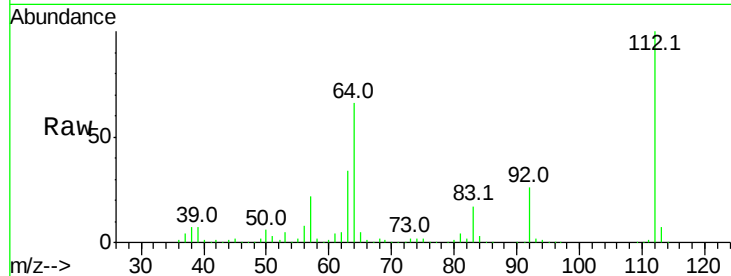
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	112	Resp:	981132
Ion Ratio	Lower	Upper	
112	100		
64	66.3	46.0	69.0
63	33.9	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 33.646 ng

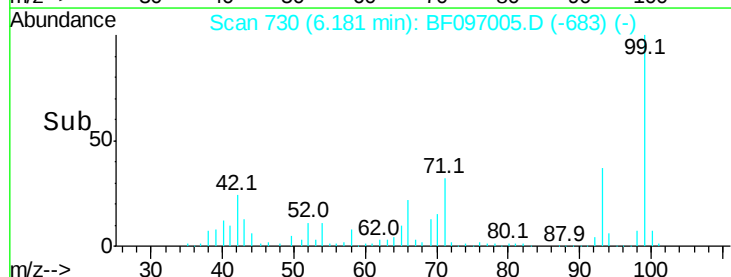
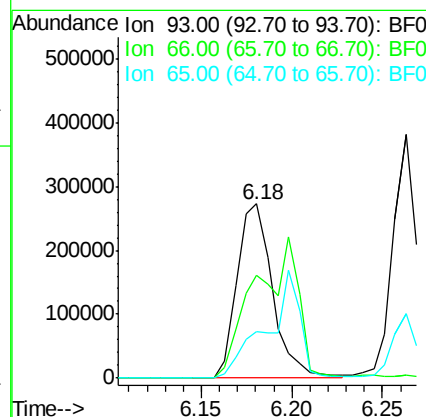
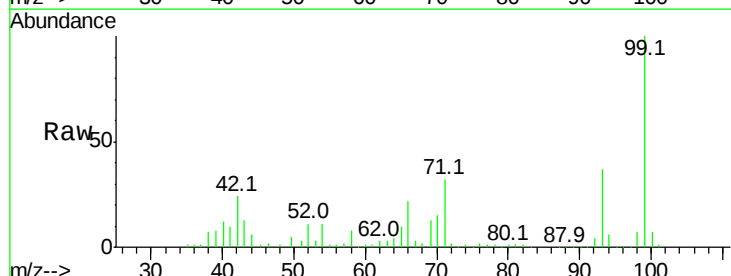
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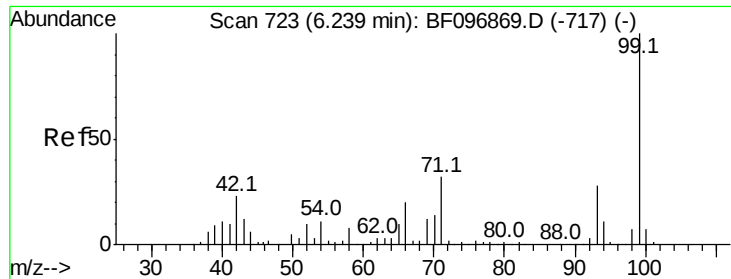
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	93	Resp:	372251
Ion Ratio	Lower	Upper	
93	100		
66	59.3	32.9	49.3#
65	26.9	16.0	24.0#





#7

Phenol-d6

Concen: 147.606 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion: 99 Resp: 1325802

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

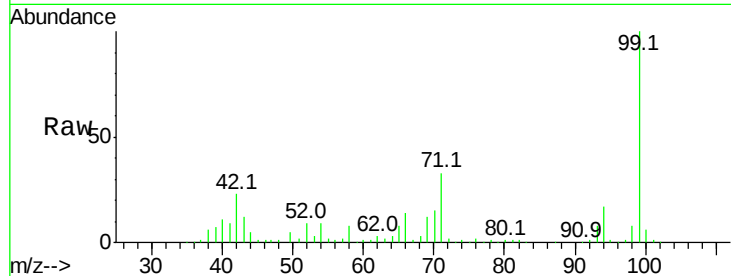
71 32.6 24.5 36.7

Manual Integrations

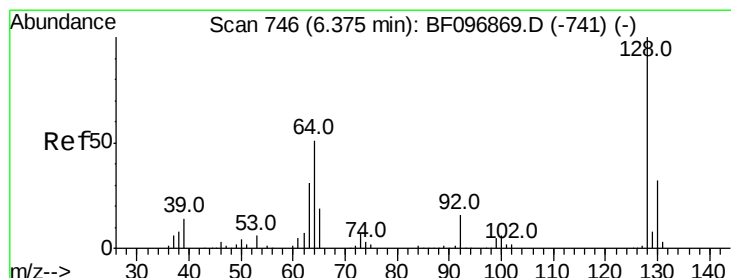
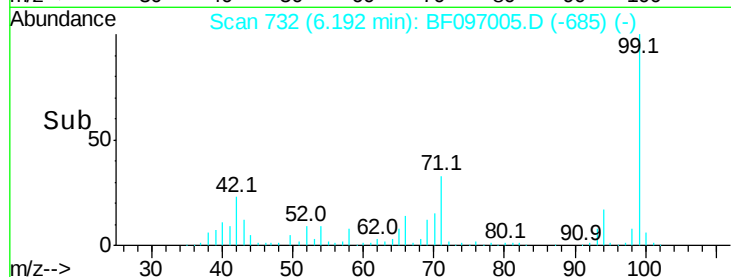
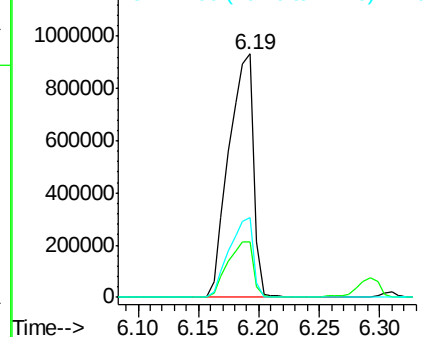
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.746 ng

RT: 6.31 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

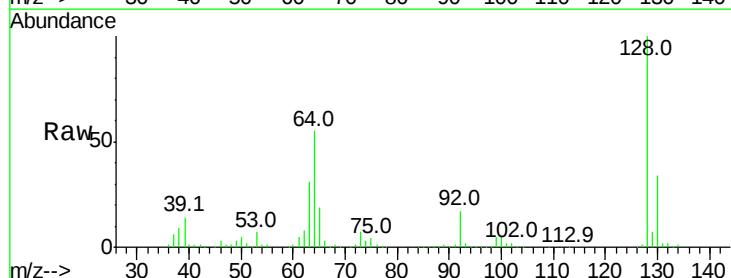
Tgt Ion:128 Resp: 337086

Ion Ratio Lower Upper

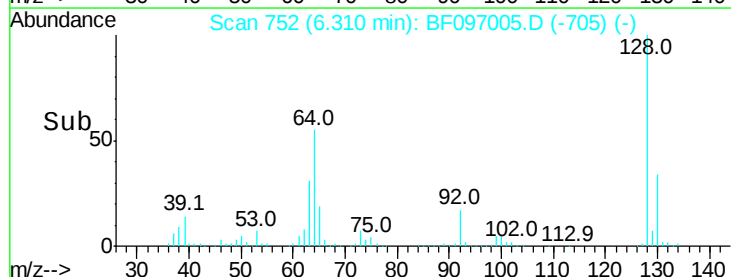
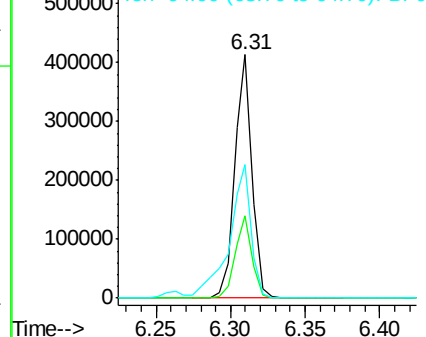
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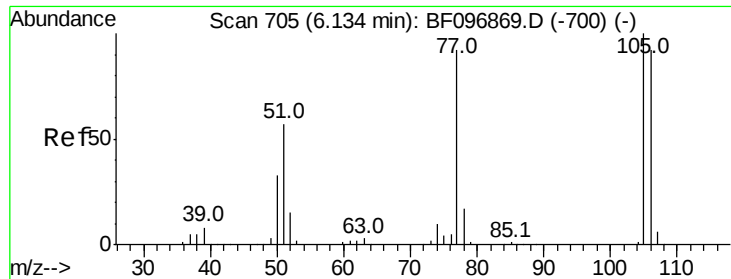
130 33.6 12.9 52.9

64 54.6 28.4 68.4



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





#9

Benzaldehyde

Concen: 21.805 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion: 77 Resp: 113200

Ion Ratio Lower Upper

77 100

105 101.1 83.8 123.8

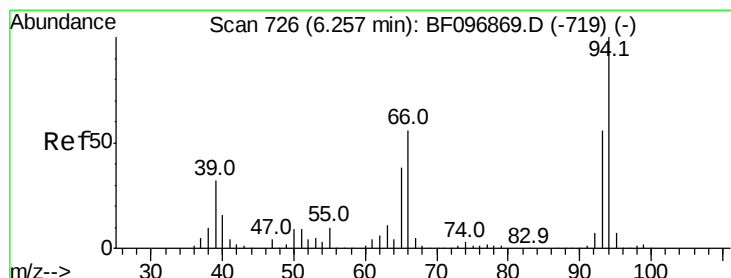
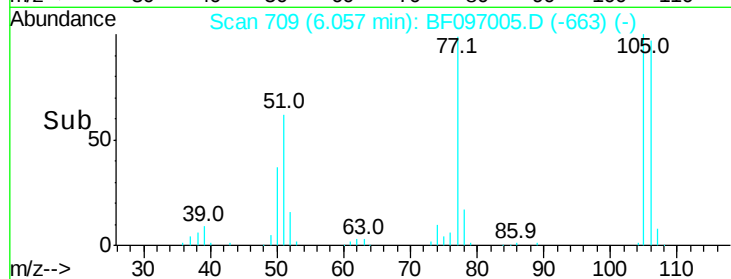
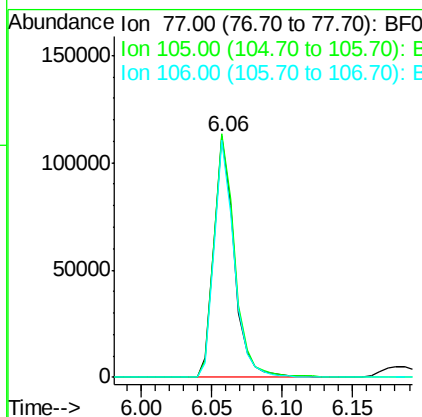
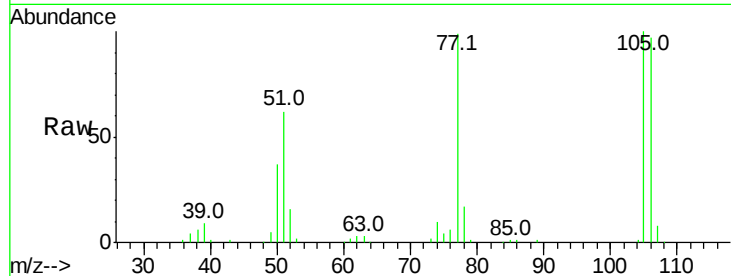
106 98.3 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 45.017 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

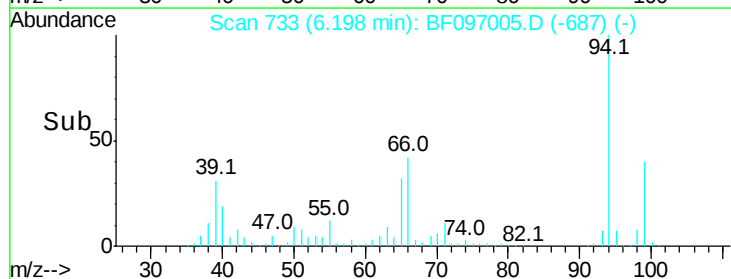
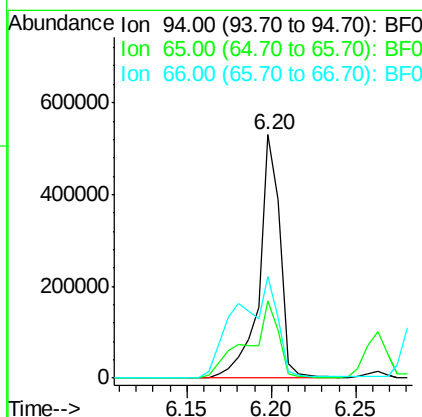
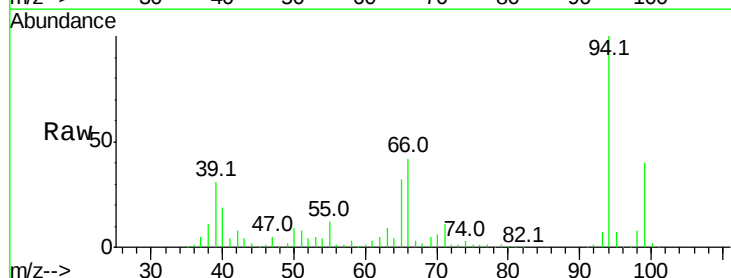
Tgt Ion: 94 Resp: 457096

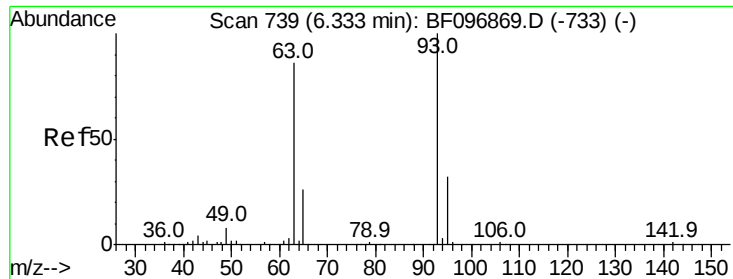
Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

66 41.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.090 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

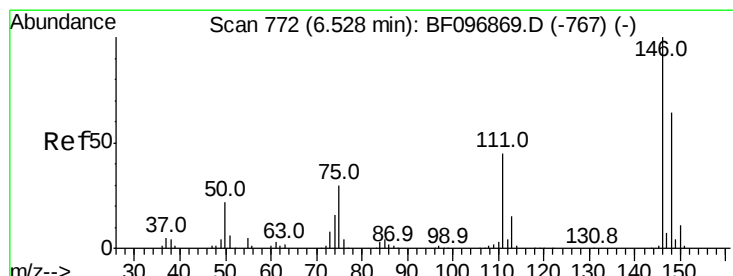
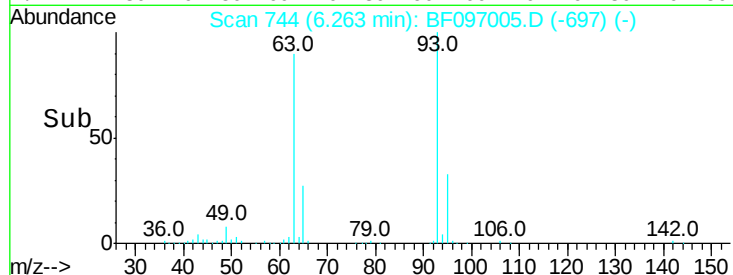
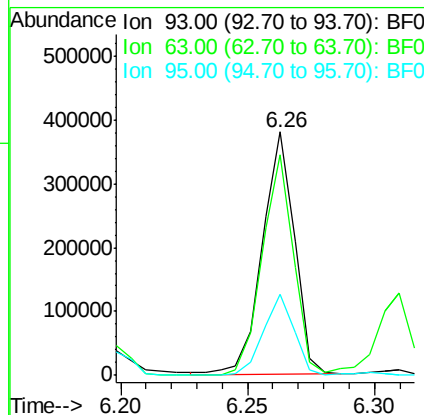
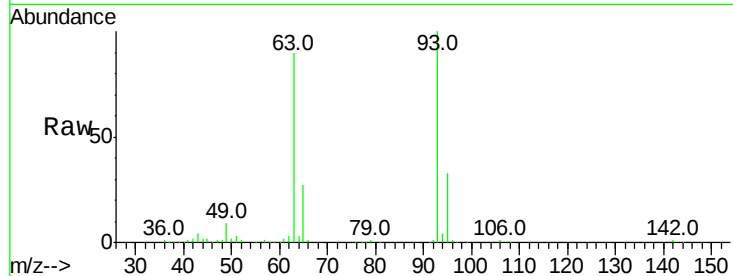
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	93	Resp:	336650
Ion Ratio	Lower	Upper	
93	100		
63	90.4	59.2	99.2
95	33.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 34.291 ng

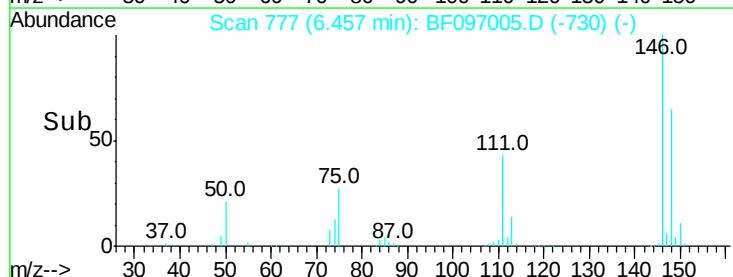
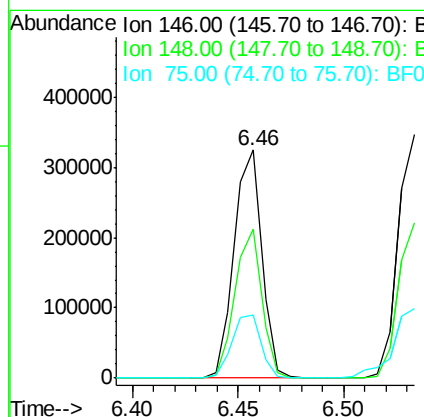
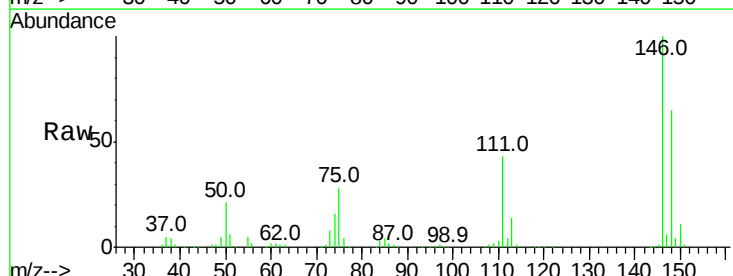
RT: 6.46 min Scan# 777

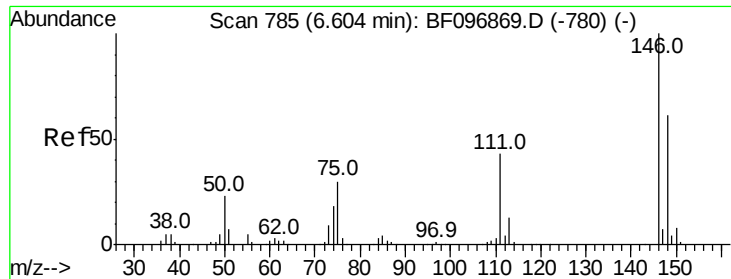
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	146	Resp:	294322
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.6
75	27.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 34.986 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

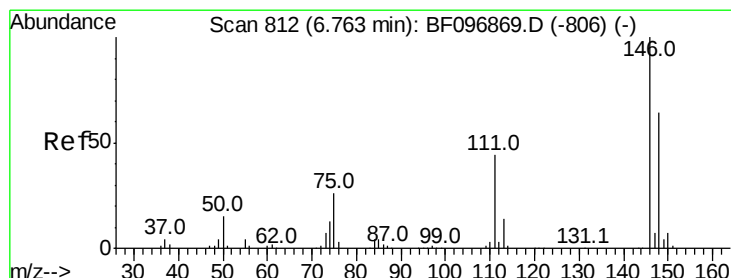
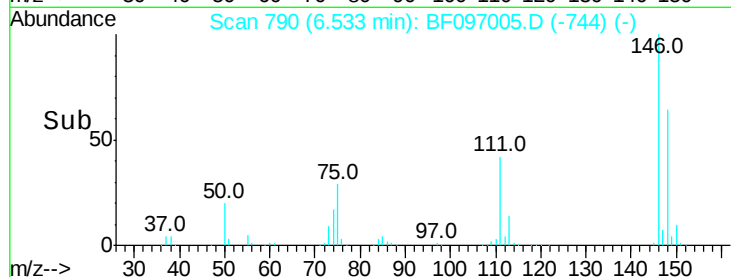
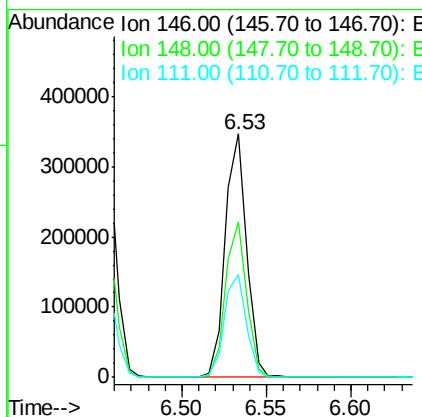
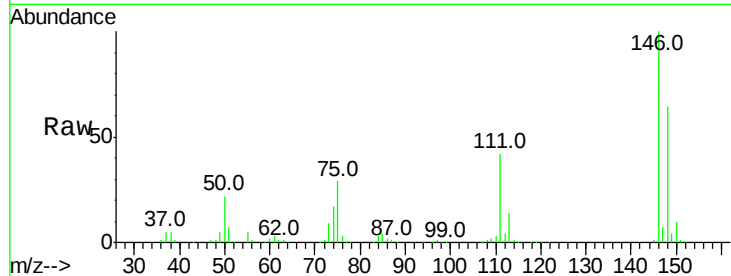
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	146	Resp:	304102
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	42.5	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 35.282 ng

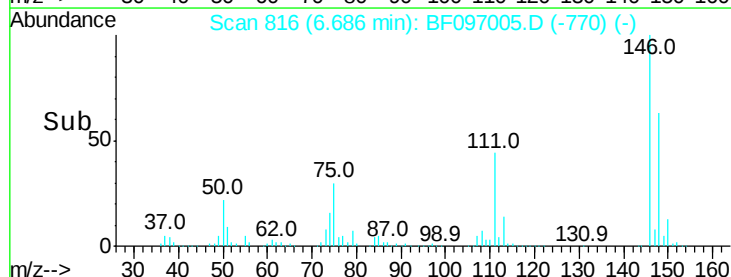
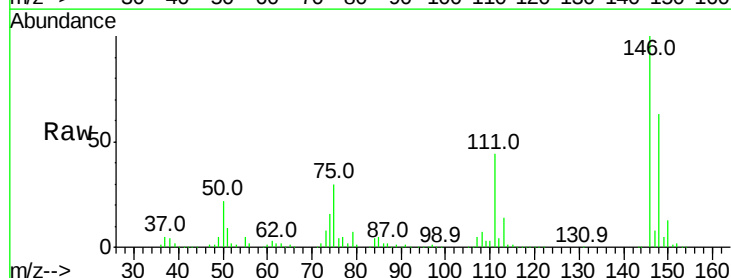
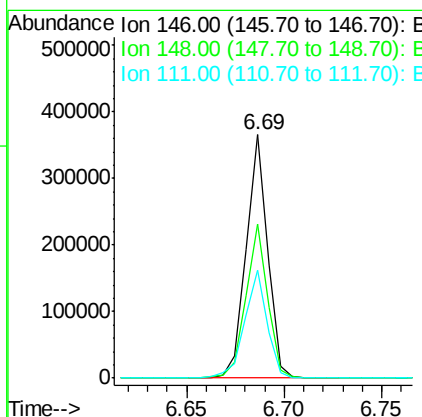
RT: 6.69 min Scan# 816

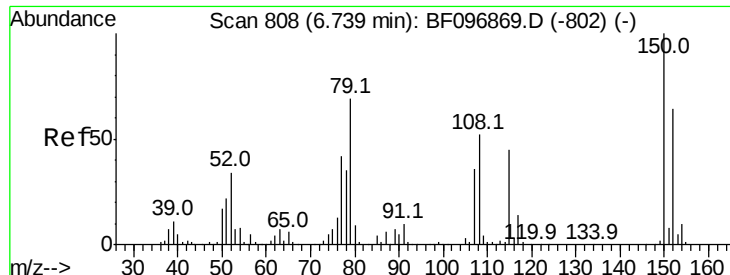
Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	146	Resp:	278936
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	44.1	38.2	57.4





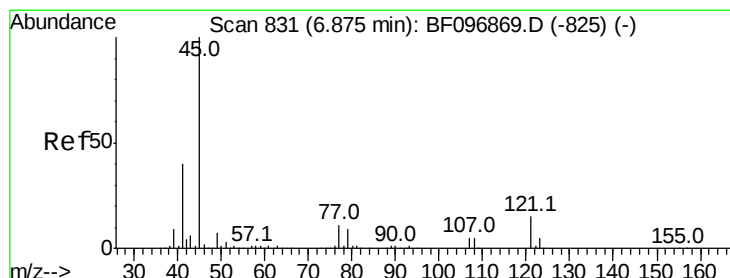
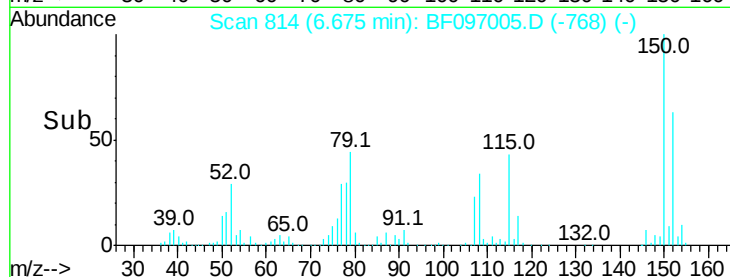
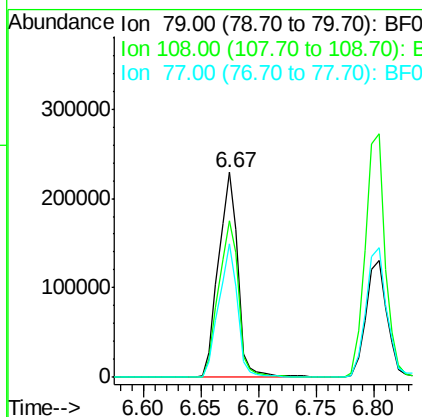
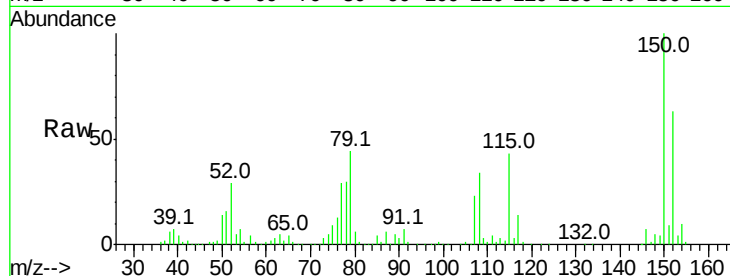
#15
Benzyl Alcohol
Concen: 45.510 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	63.4	95.0
77	65.0	49.2	73.8

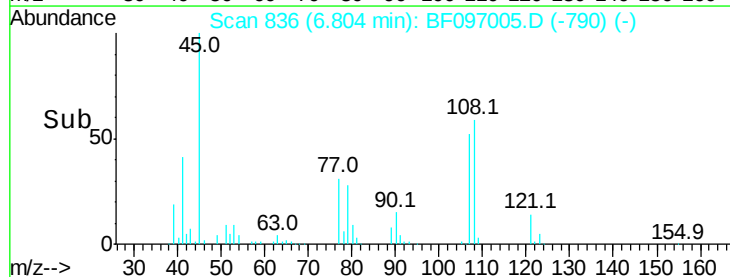
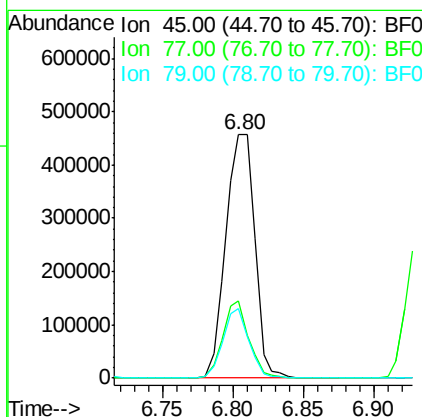
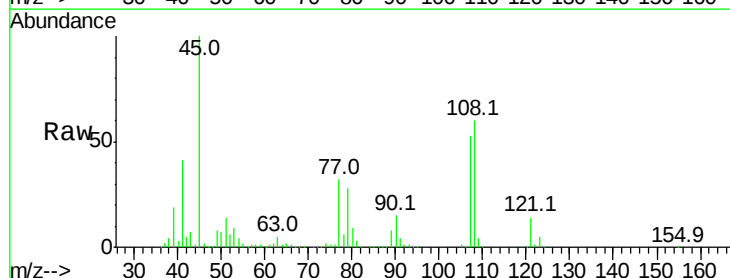
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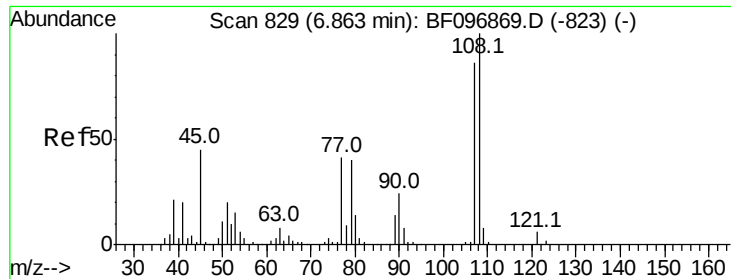
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.472 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.6	0.0	33.2
79	28.5	0.0	30.0





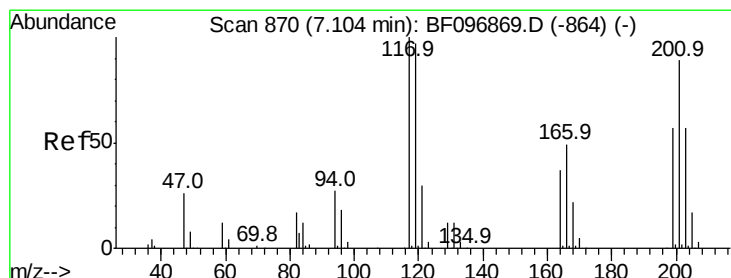
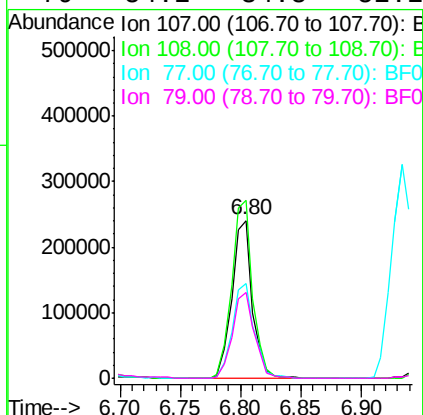
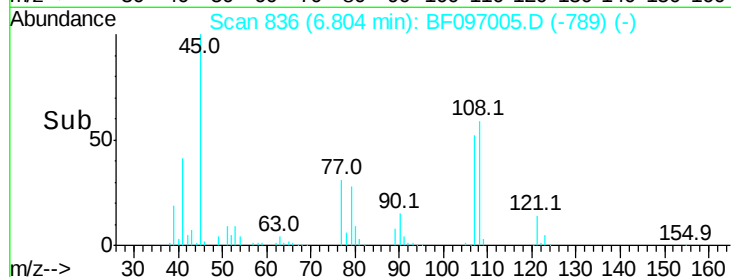
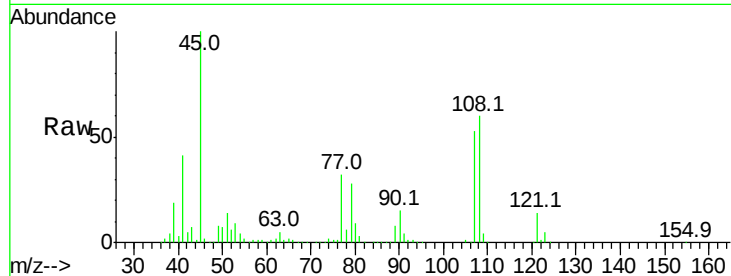
#17
2-Methylphenol
Concen: 45.304 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.2	93.4	140.0
77	60.0	35.8	53.6#
79	54.2	34.8	52.2#

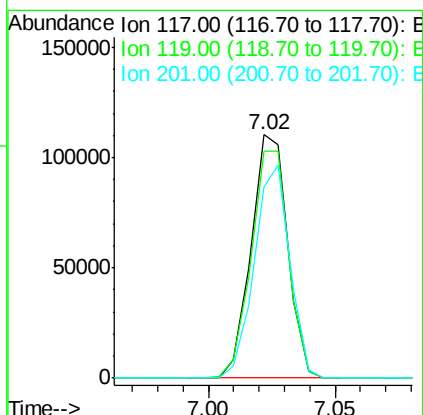
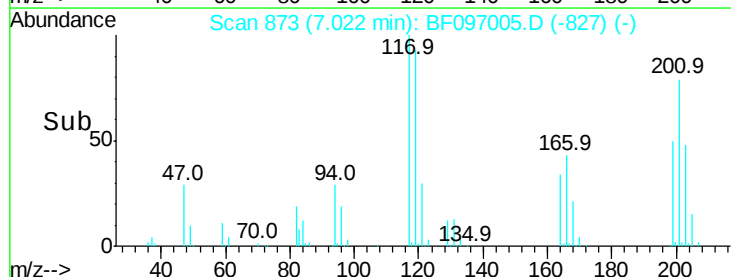
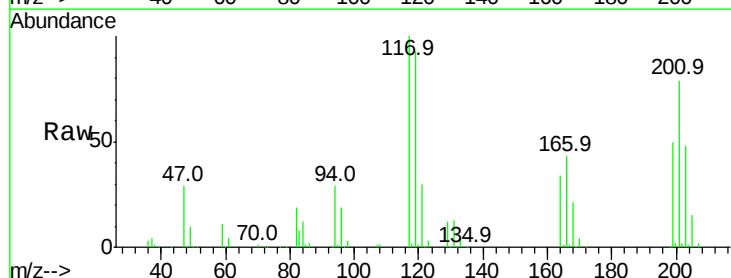
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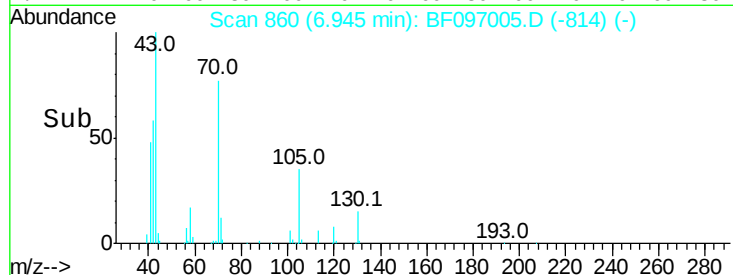
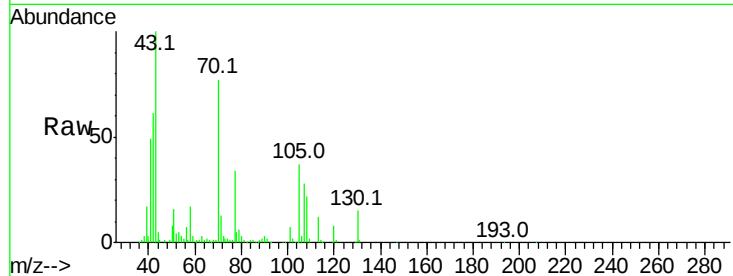
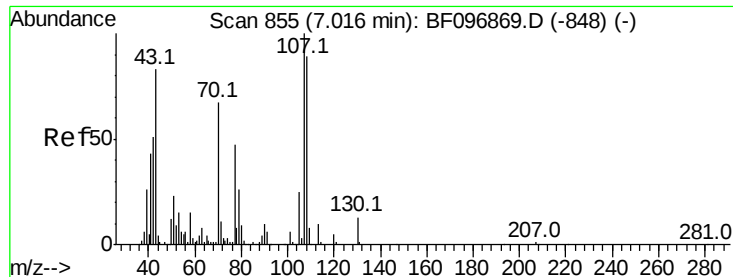
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#18
Hexachloroethane
Concen: 35.882 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	93.1	77.4	116.0
201	78.6	94.6	141.8#





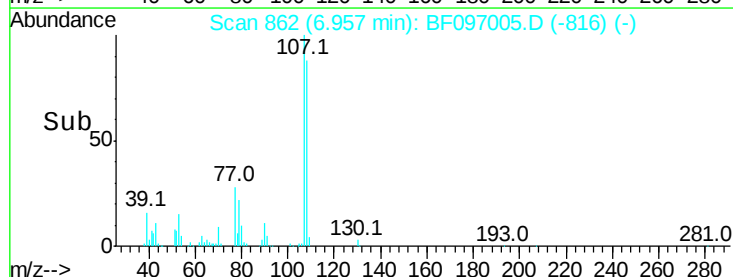
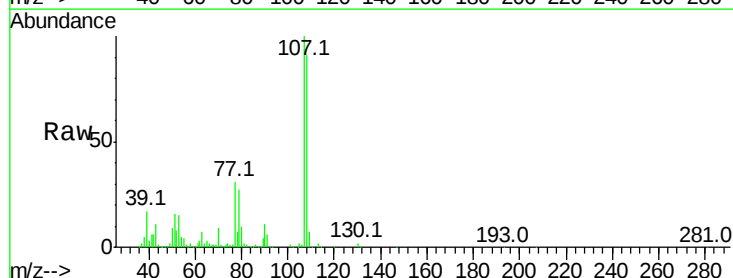
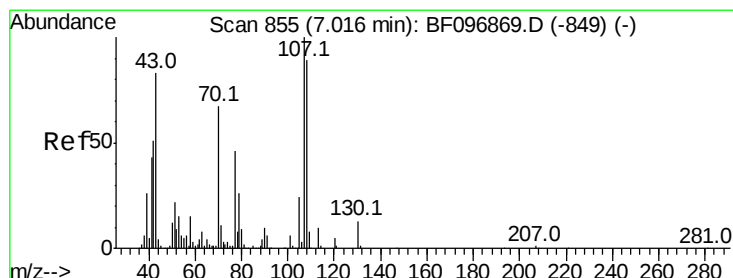
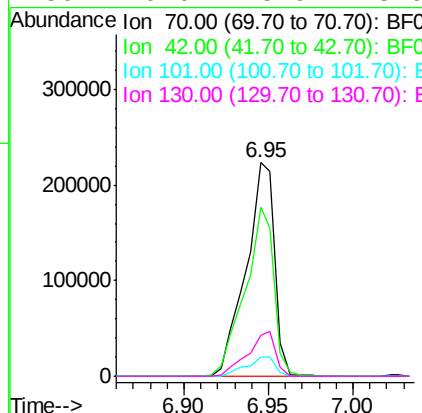
#19
n-Nitroso-di-n-propylamine
Concen: 48.884 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.1	47.2	70.8#
101	8.9	7.2	10.8
130	19.0	15.9	23.9

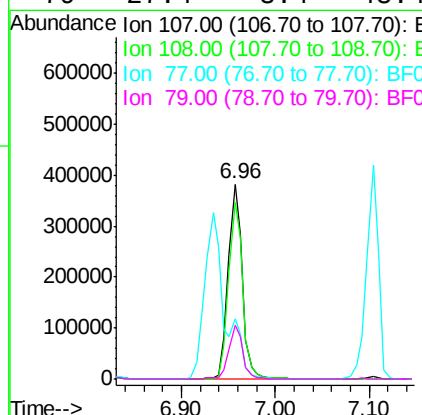
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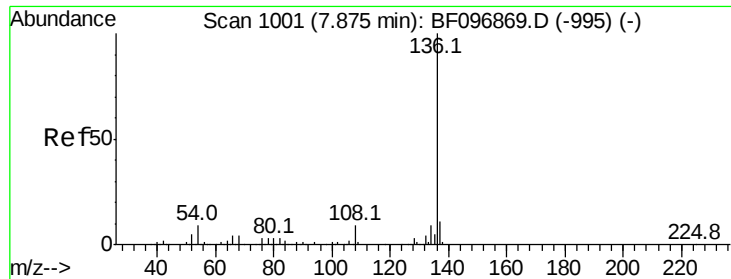
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#20
3+4-Methylphenols
Concen: 52.551 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	31.0	90.5	130.5#
79	27.4	8.4	48.4





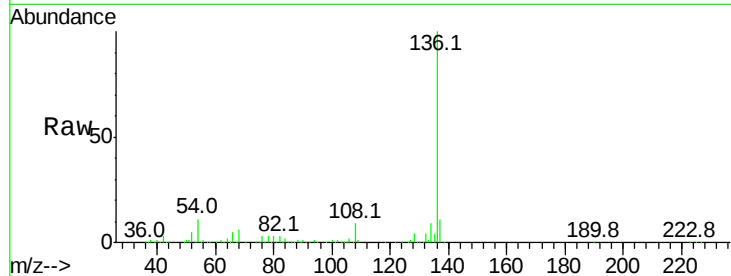
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

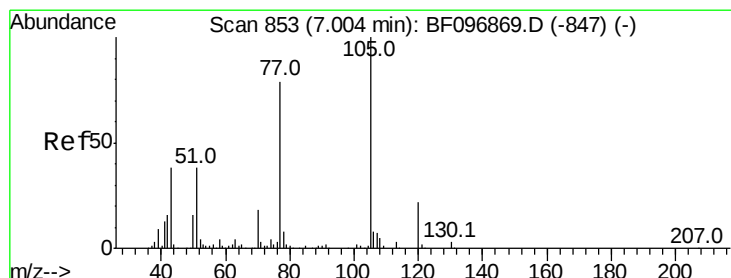
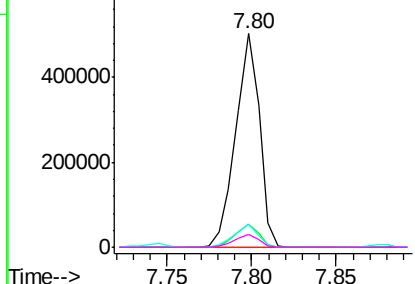
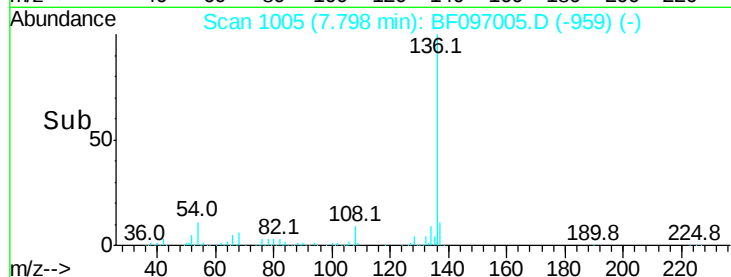
Tot Ion	Ratio	Resp	Lower	Upper
136	100	493837		
137	11.0	8.5	12.7	
54	10.6	4.9	7.3	
68	5.9	4.1	6.1	

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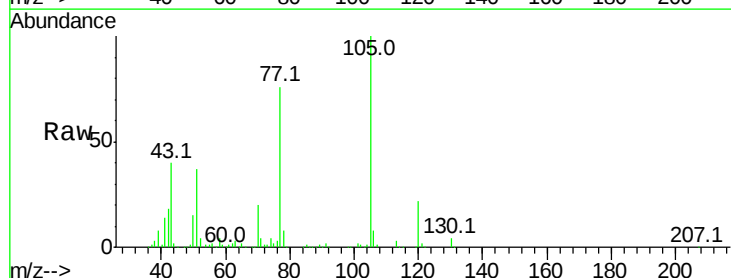


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

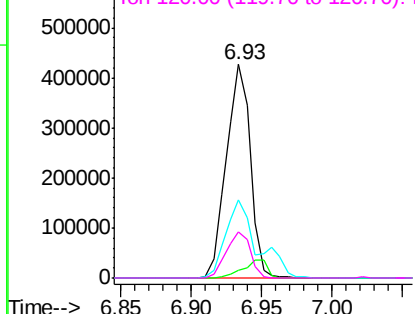
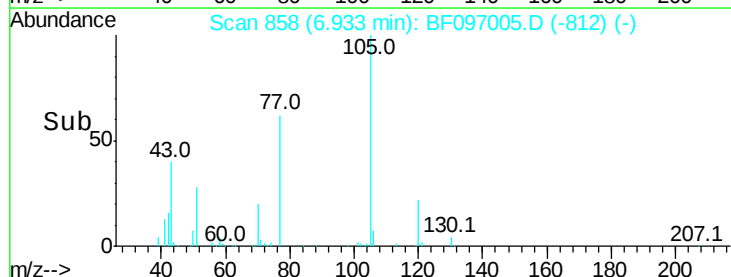


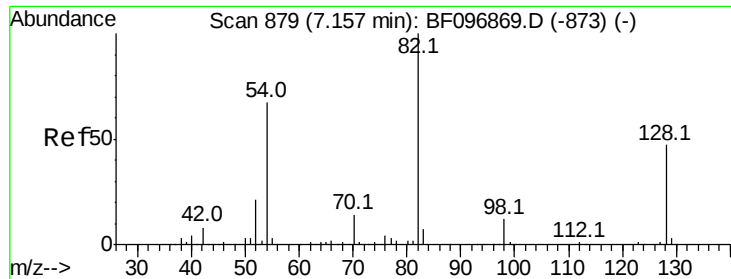
#22
Acetophenone
Concen: 45.698 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	504389		
71	3.5	2.8	4.2	
51	36.6	30.7	46.1	
120	21.8	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





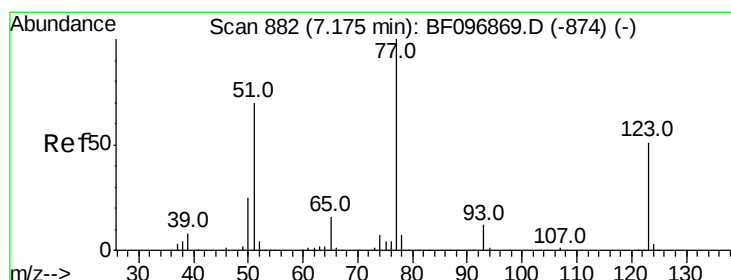
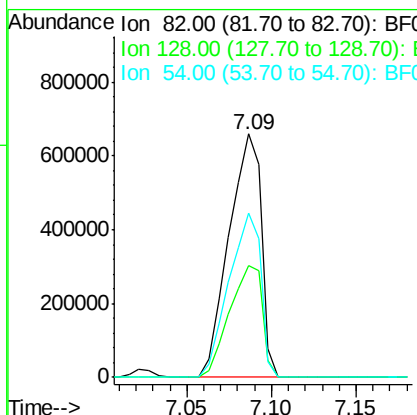
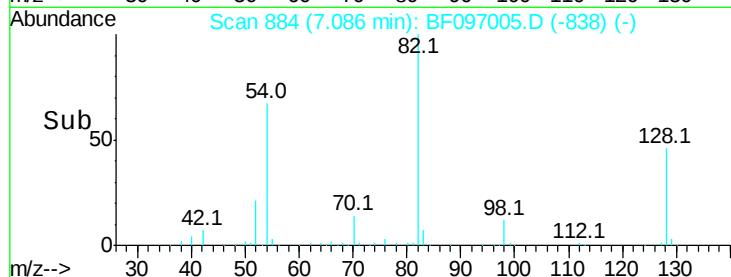
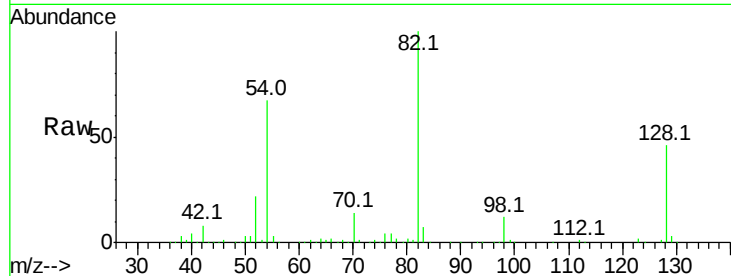
#23
 Nitrobenzene-d5
 Concen: 110.182 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion:	82	Resp:	878447
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.0	51.0
54	67.5	42.2	63.2#

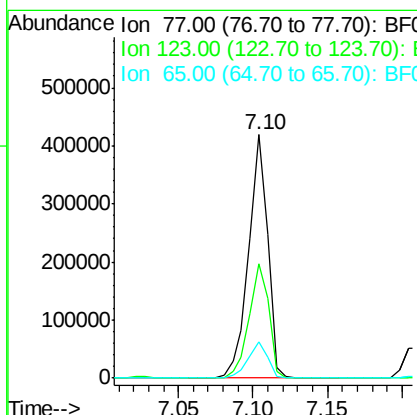
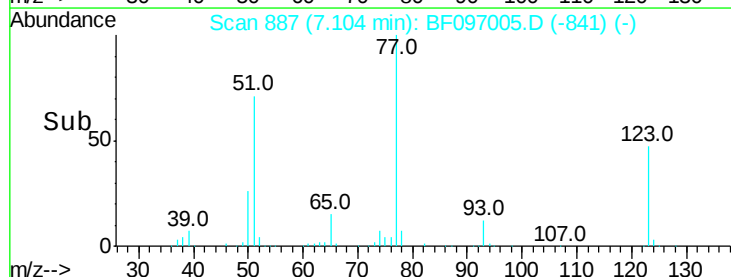
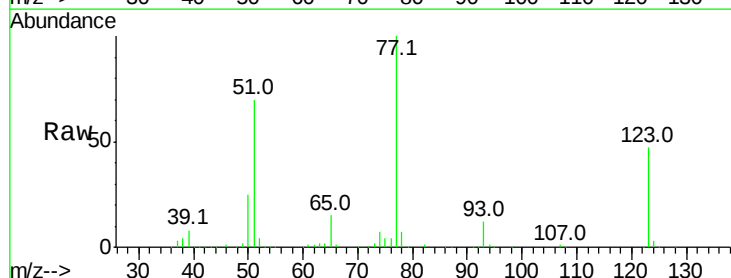
Manual Integrations
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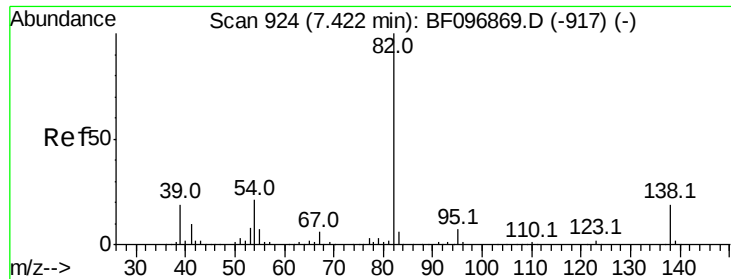
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#24
 Nitrobenzene
 Concen: 45.095 ng
 RT: 7.10 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:	77	Resp:	371842
Ion Ratio	Lower	Upper	
77	100		
123	47.2	35.8	53.8
65	15.1	10.6	15.8





#25

Isophorone

Concen: 50.351 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

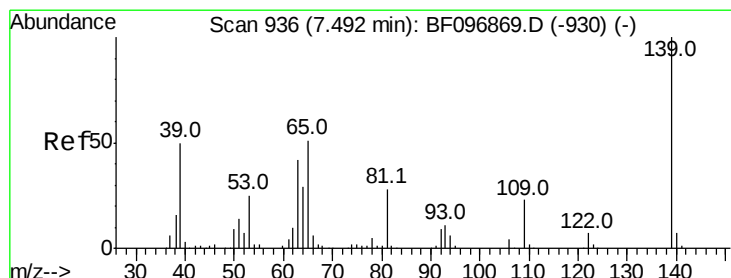
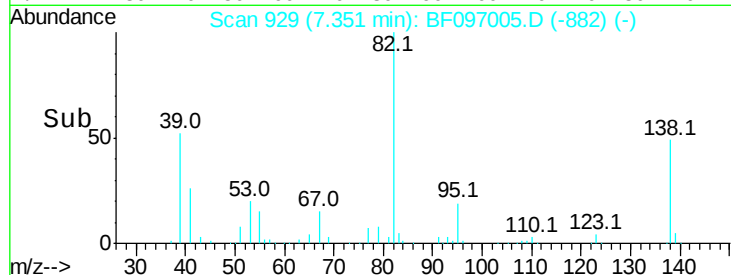
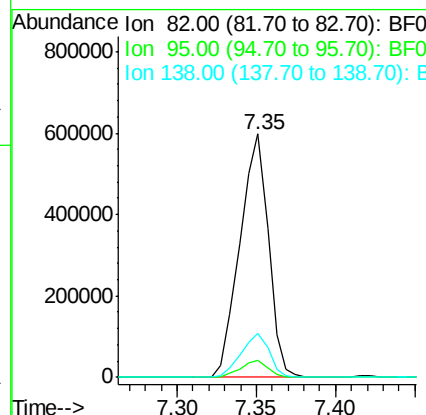
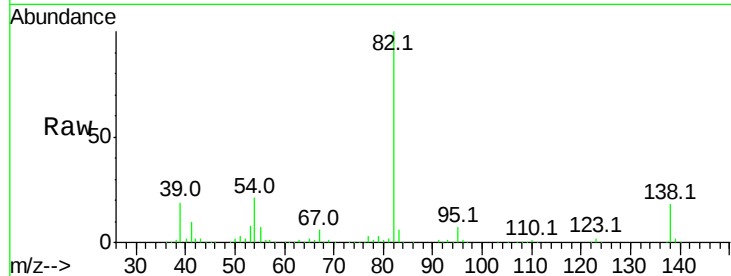
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	82	Resp:	746782
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	18.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.987 ng

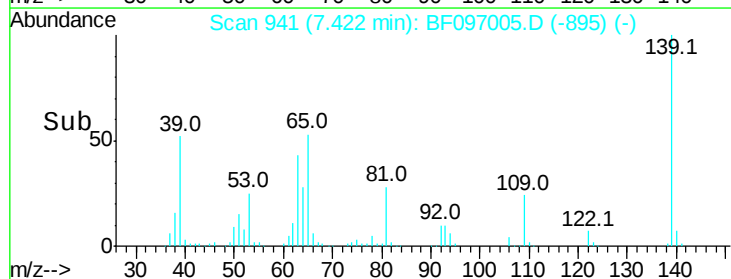
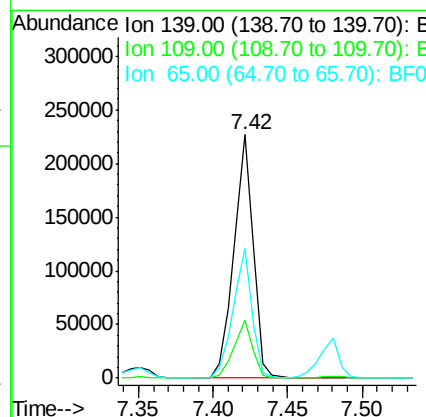
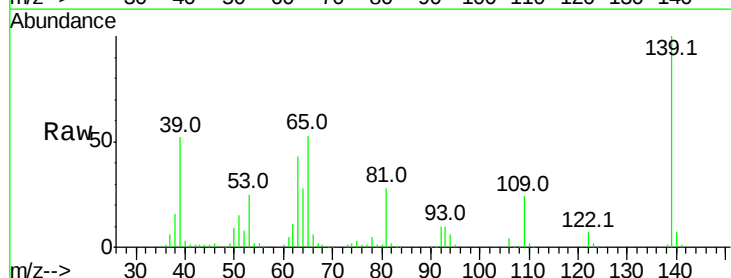
RT: 7.42 min Scan# 941

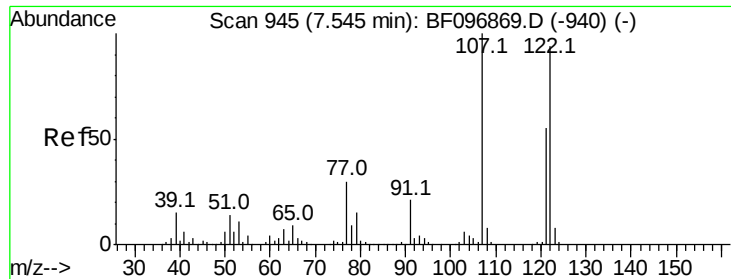
Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	139	Resp:	210848
Ion Ratio		Lower	Upper
139	100		
109	23.8	21.0	31.6
65	53.0	33.0	49.6#





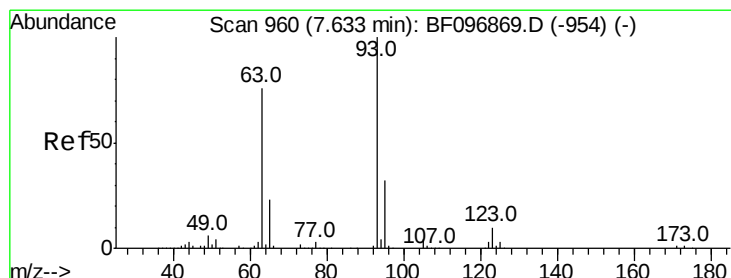
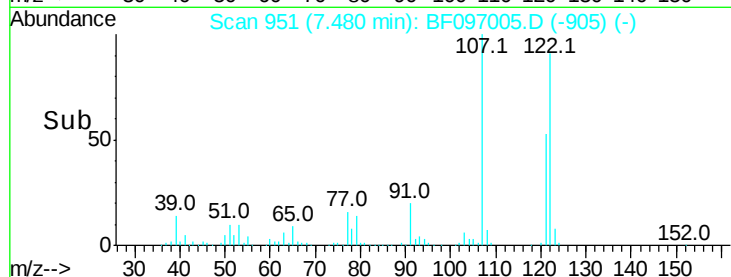
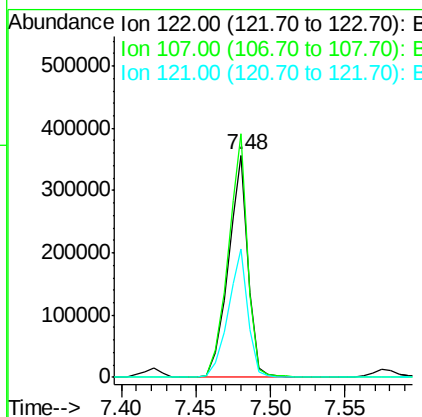
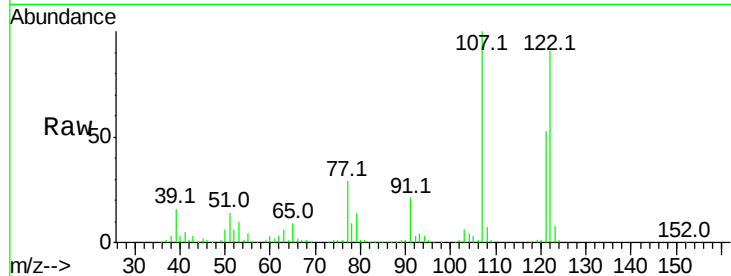
#27
2,4-Dimethylphenol
Concen: 44.278 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	89.2	133.8
121	57.8	45.2	67.8

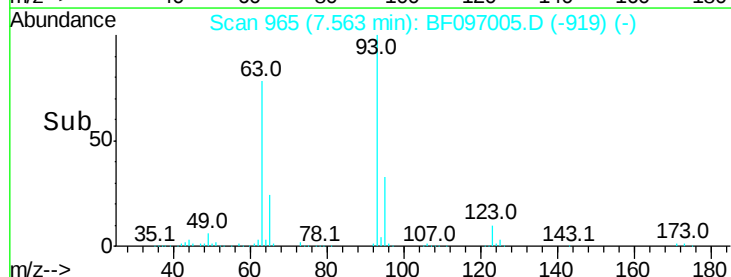
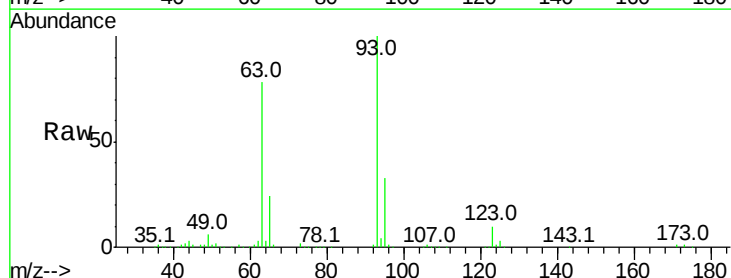
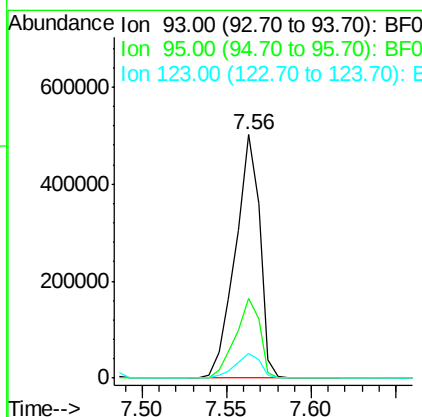
Manual Integrations
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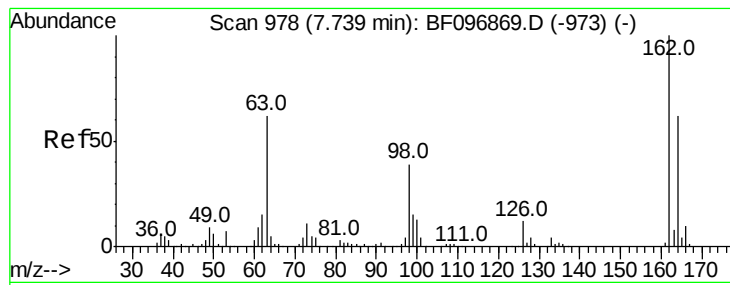
Sohil
7/25/2017 5:36:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.249 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.4	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 46.348 ng

RT: 7.67 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

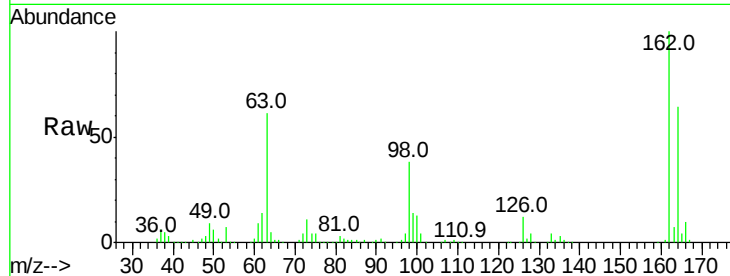
ClientSampleId :

E2-HS4-WSWMSD

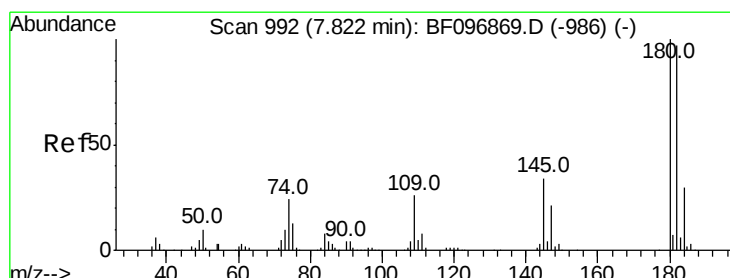
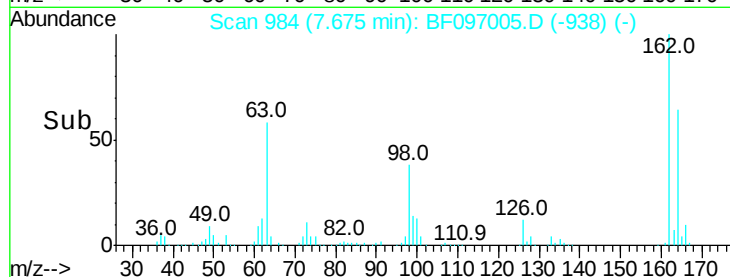
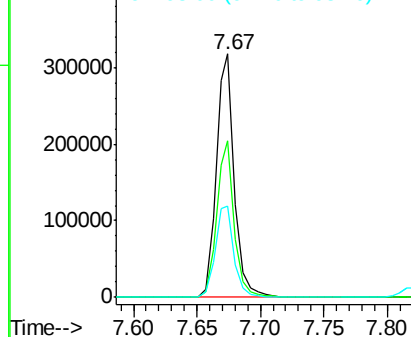
Tot Ion:	162	Resp:	316448
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	37.7	14.8	54.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.647 ng

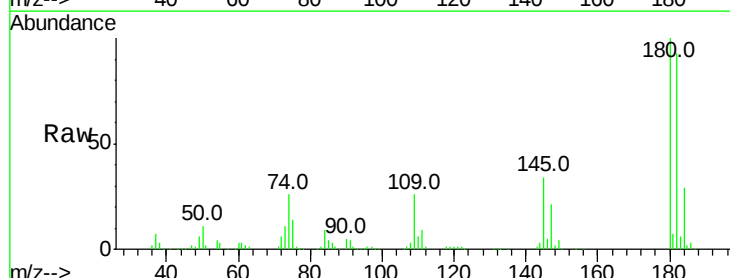
RT: 7.75 min Scan# 996

Delta R.T. -0.03 min

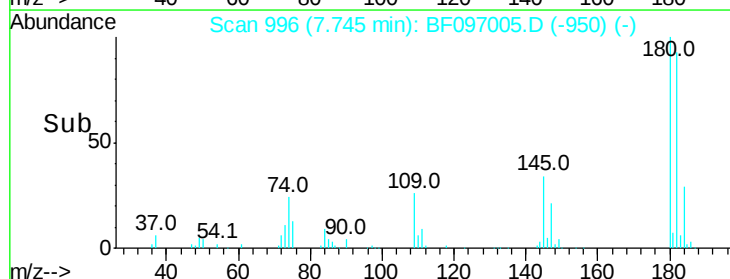
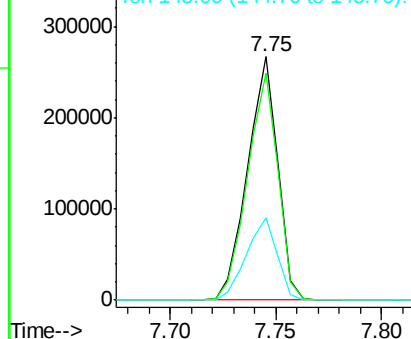
Lab File: BF097005.D

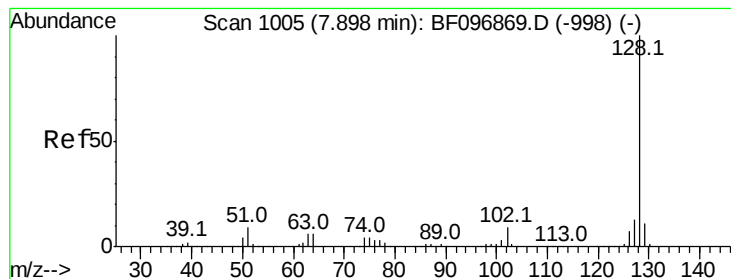
Acq: 25 Jul 2017 00:32

Tgt Ion:	180	Resp:	263866
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.8	113.6
145	34.0	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.304 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:128 Resp: 1036448

Ion Ratio Lower Upper

128 100

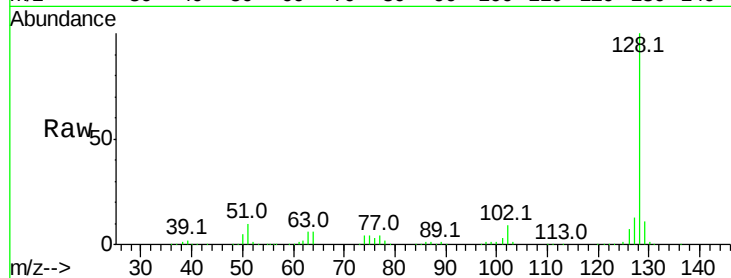
129 10.9 9.0 13.6

127 13.2 10.8 16.2

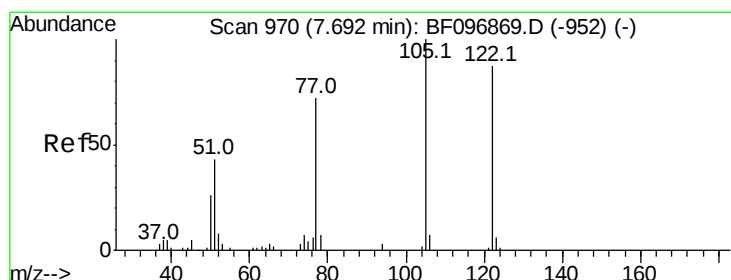
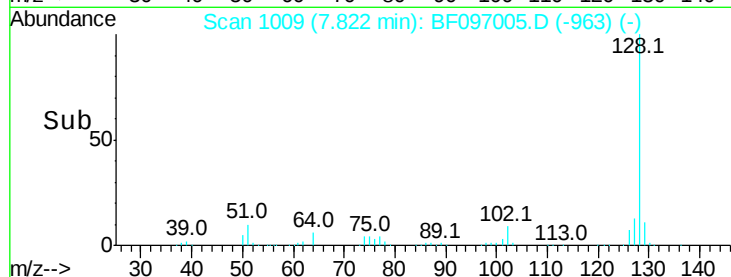
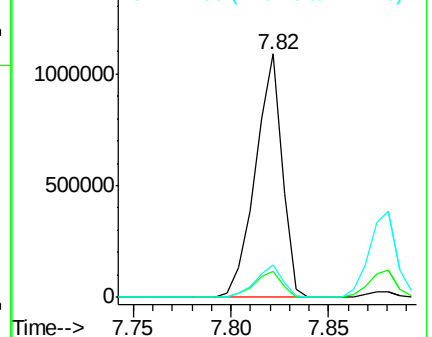
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.129 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.09 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

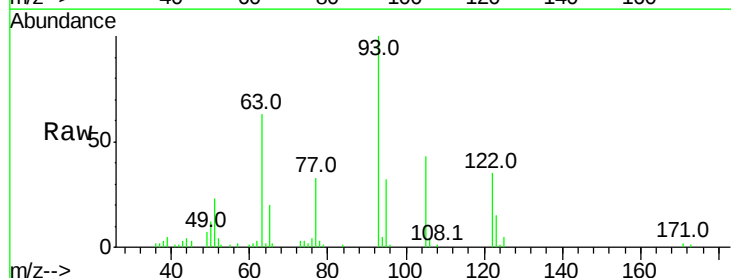
Tgt Ion:122 Resp: 15083

Ion Ratio Lower Upper

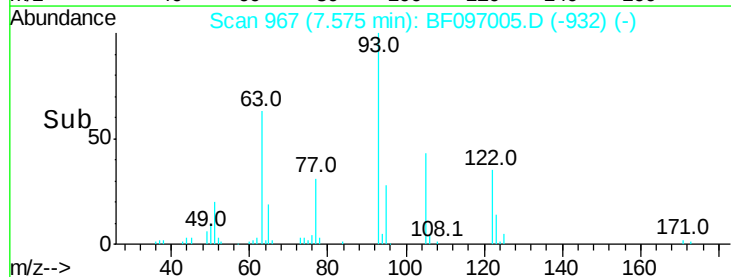
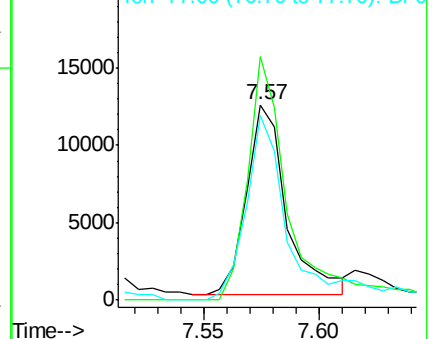
122 100

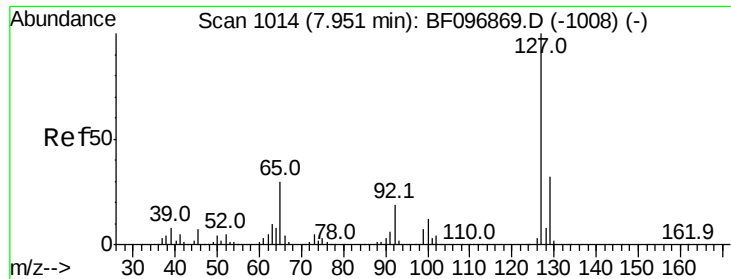
105 124.6 103.3 143.3

77 94.3 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





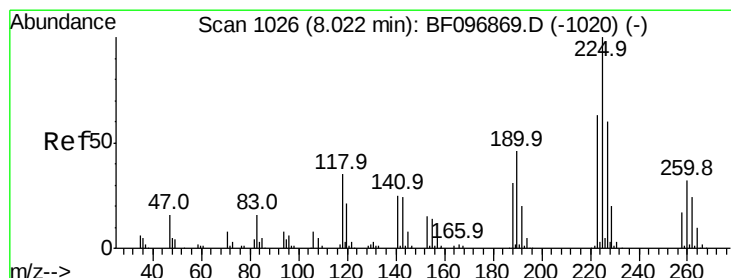
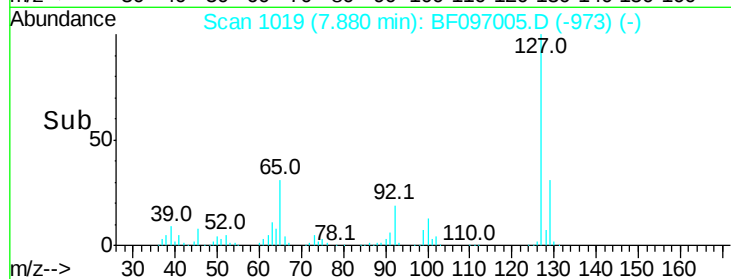
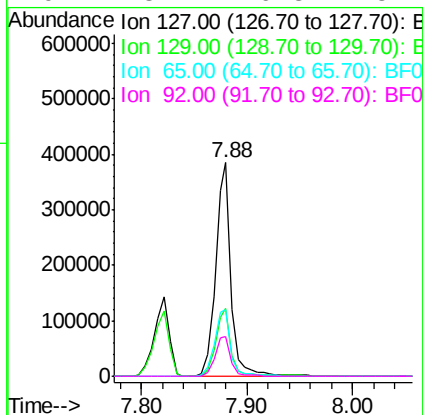
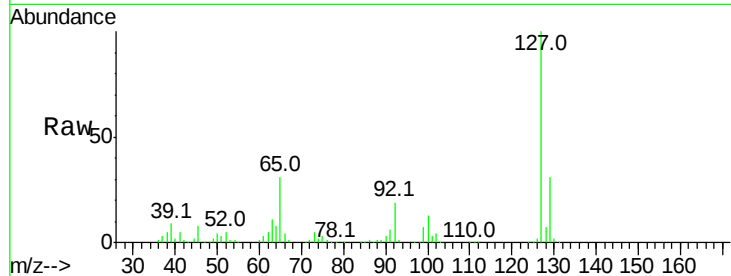
#33
4-Chloroaniline
Concen: 42.221 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.2	39.2	
65	31.0	27.8	41.8	
92	18.7	16.8	25.2	

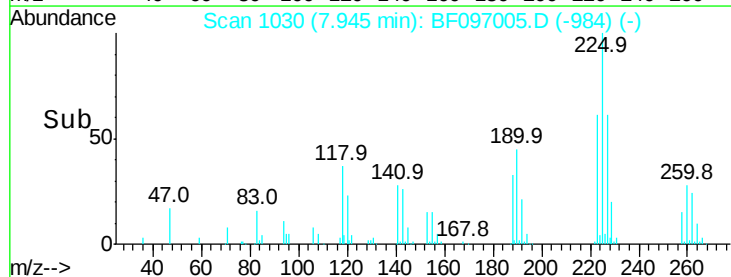
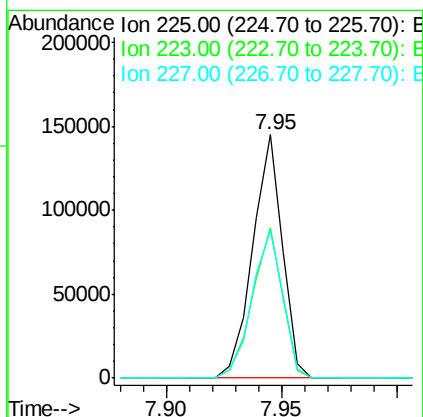
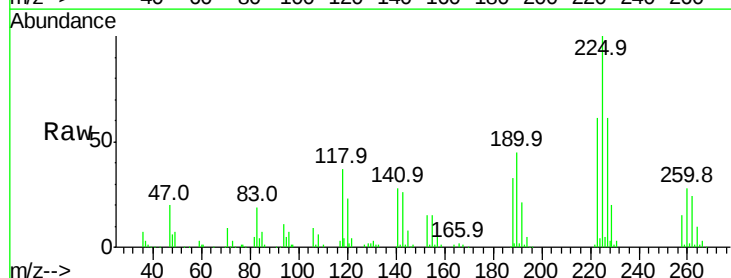
Manual Integrations
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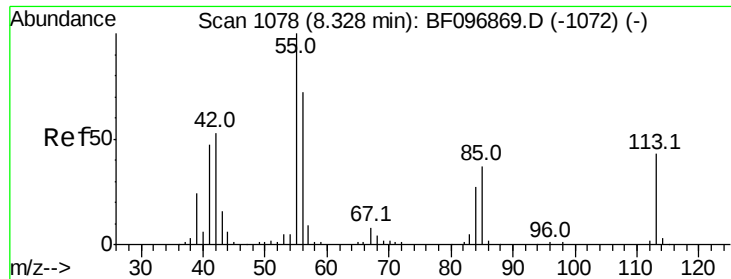
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#34
Hexachlorobutadiene
Concen: 37.546 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	48.8	73.2	
227	60.6	51.1	76.7	





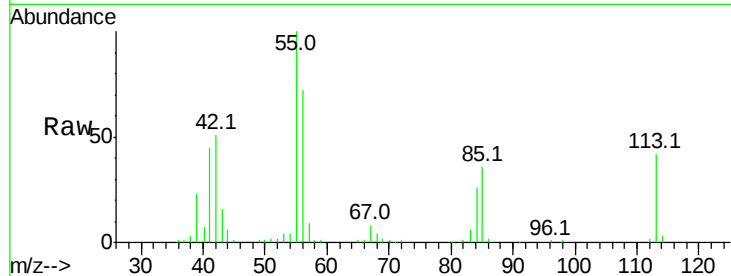
#35
 Caprolactam
 Concen: 55.964 ng/ml
 RT: 8.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.4	150.2	190.2#
56	168.6	107.8	147.8#

Manual Integrations
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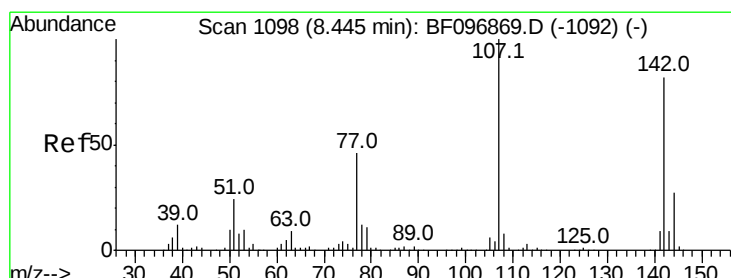
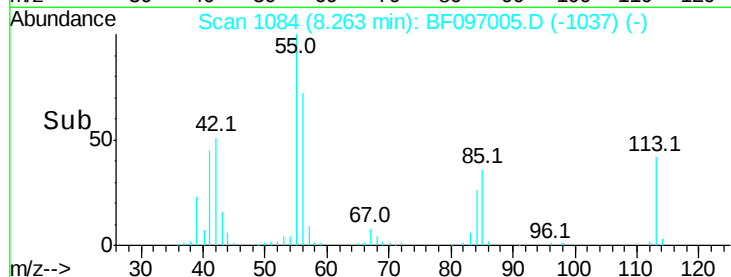
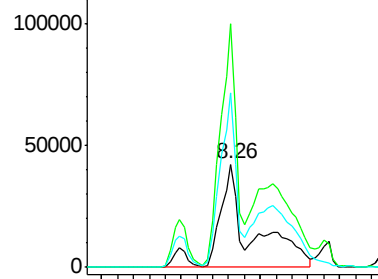
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



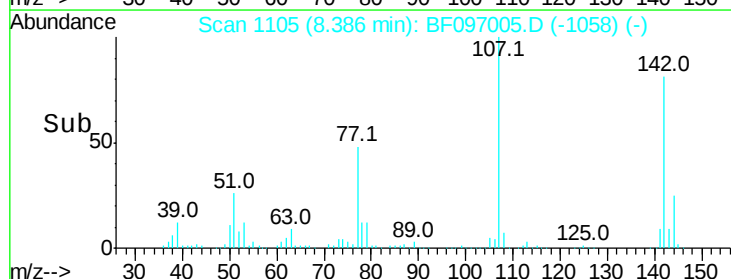
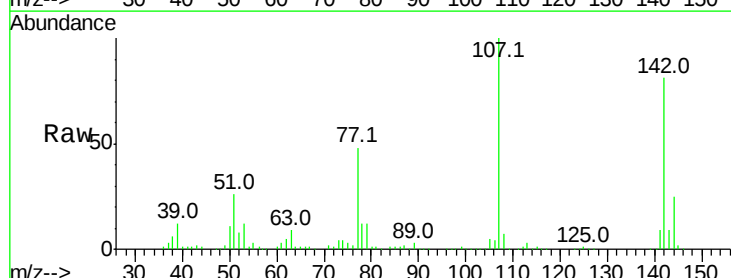
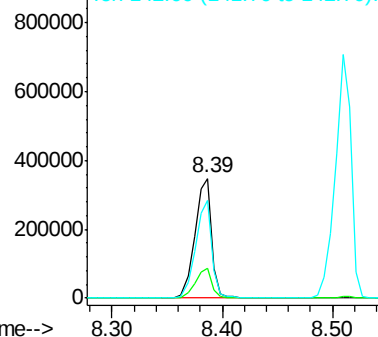
#36
 4-Chloro-3-methylphenol
 Concen: 49.770 ng/ml
 RT: 8.39 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

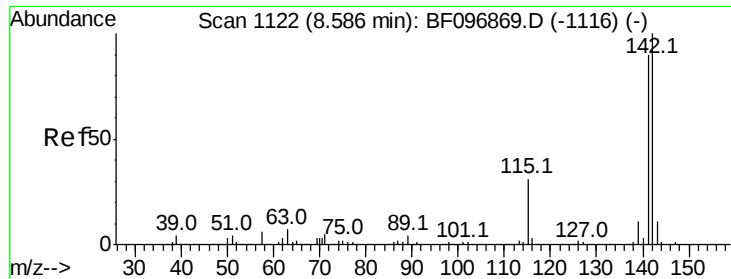
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	24.2	36.4
142	81.3	73.4	110.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





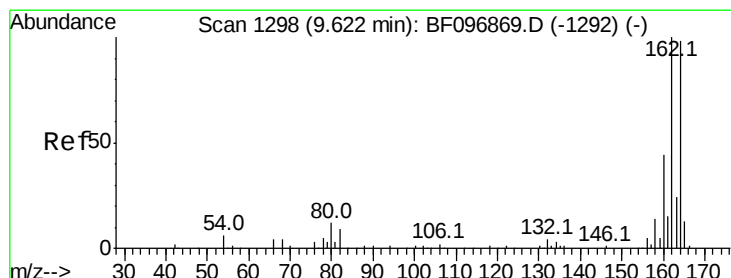
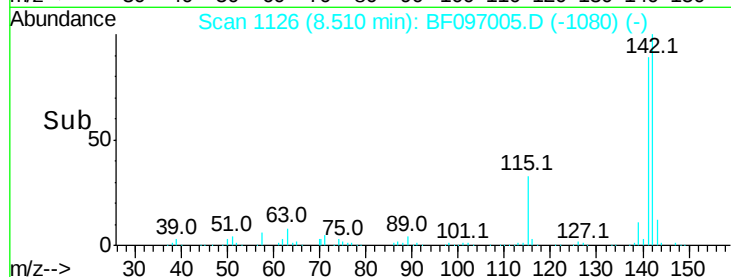
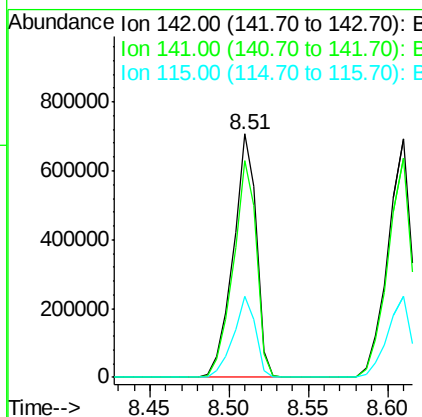
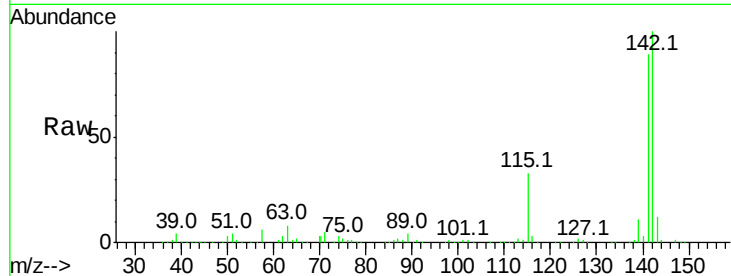
#37
2-Methylnaphthalene
Concen: 47.875 ng
RT: 8.51 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	33.4	27.1	40.7

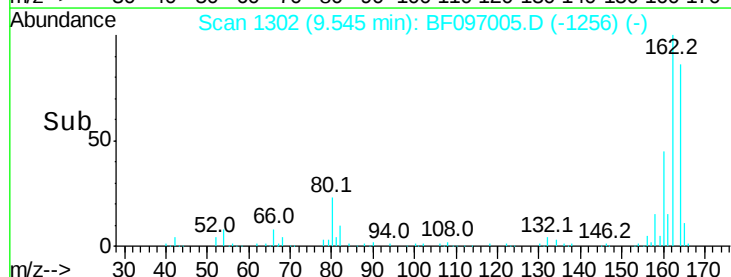
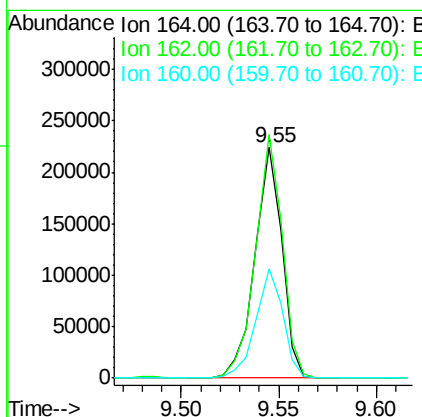
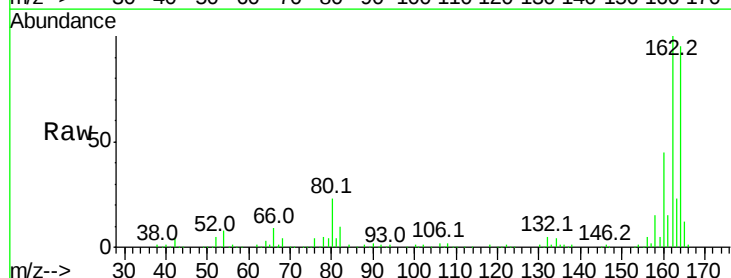
Manual Integrations
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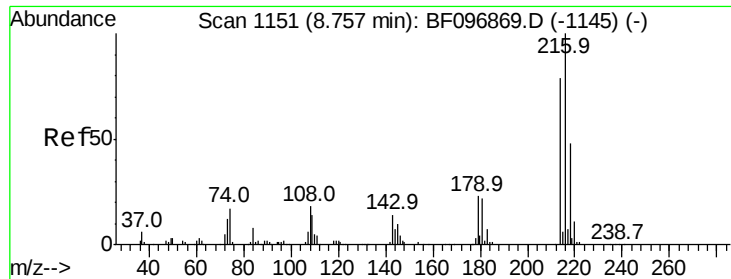
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	47.4	36.2	54.2





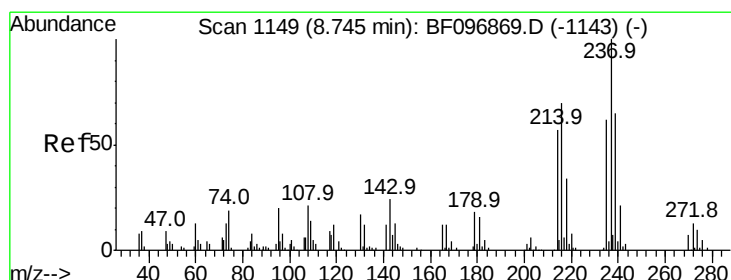
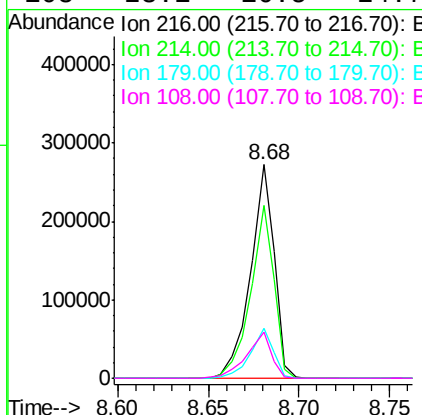
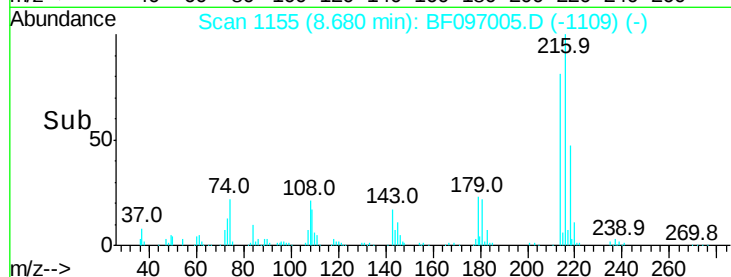
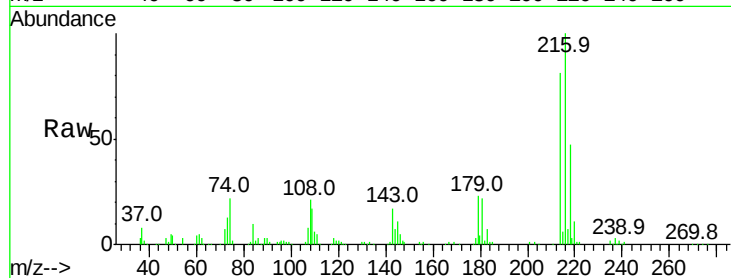
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.205 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246542		
214	79.8	63.4	95.2	
179	22.7	17.9	26.9	
108	23.1	16.5	24.7	

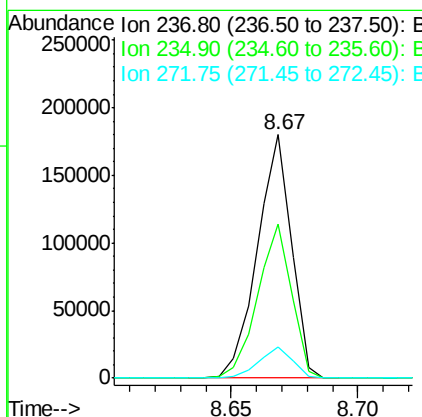
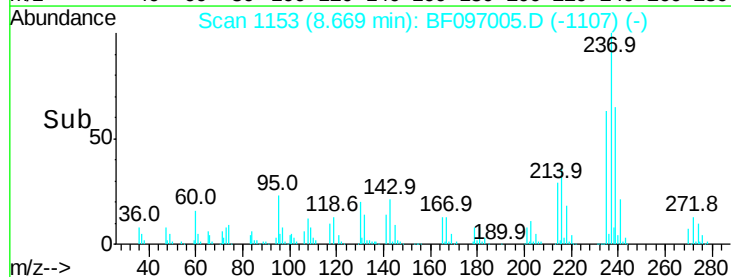
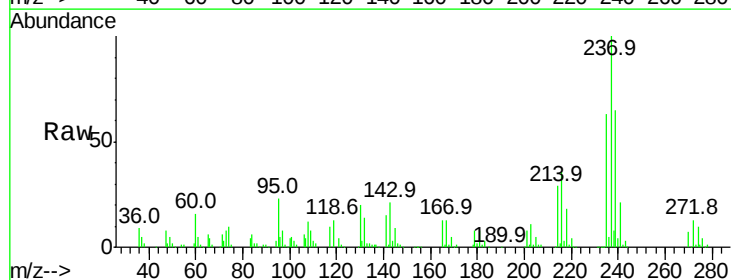
Manual Integrations
 APPROVED

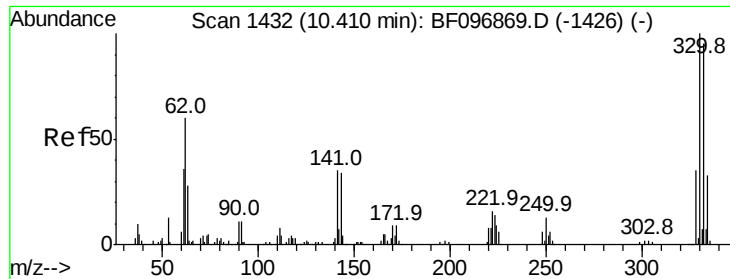
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 76.709 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168051		
235	63.4	42.6	82.6	
272	12.8	0.0	31.9	





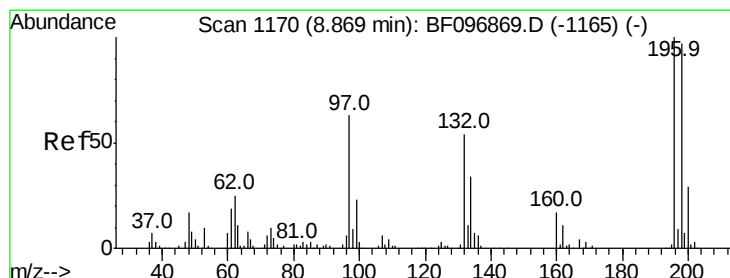
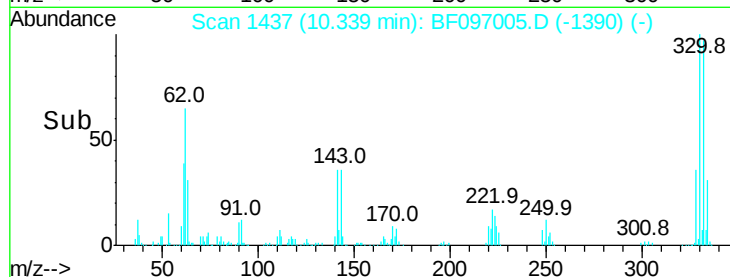
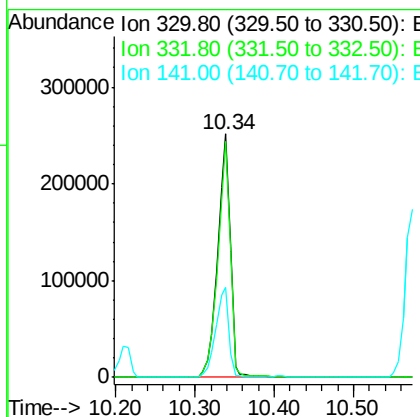
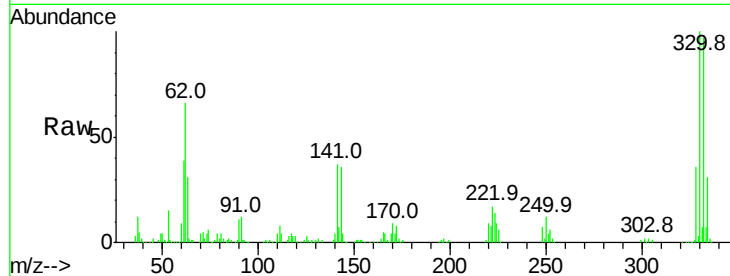
#41
 2,4,6-Tribromophenol
 Concen: 151.644 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279714		
332	95.4	76.6	115.0	
141	38.3	31.4	47.2	

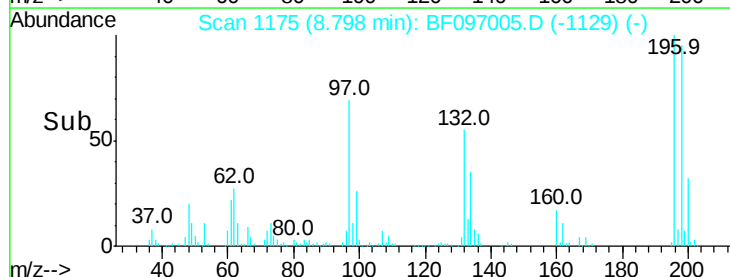
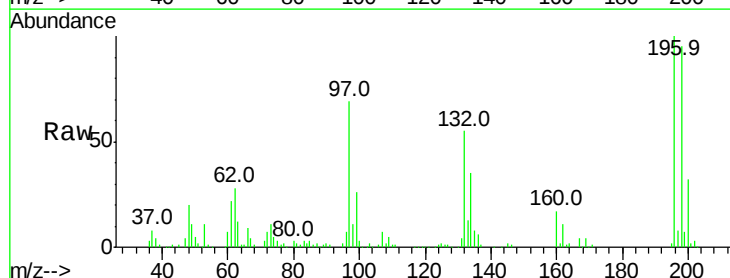
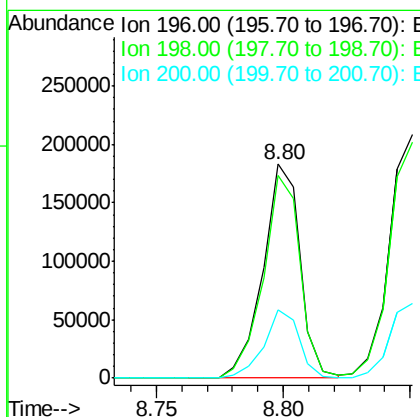
Manual Integrations
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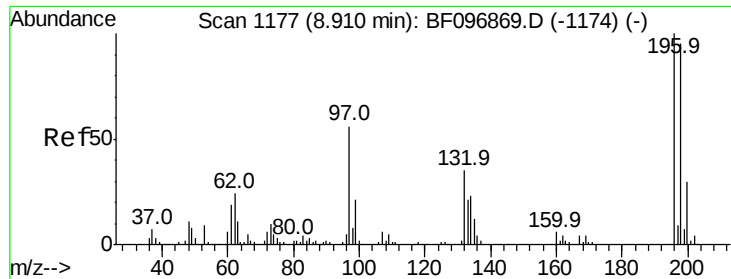
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 43.568 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187729		
198	94.8	74.2	111.4	
200	31.7	24.0	36.0	





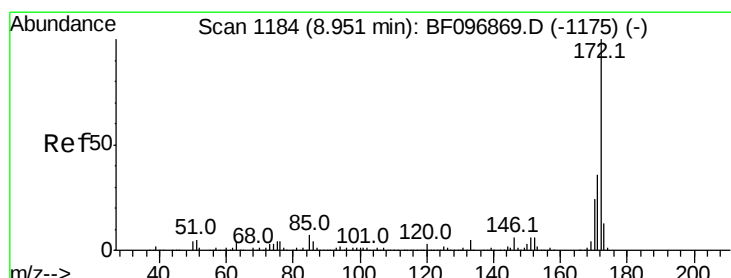
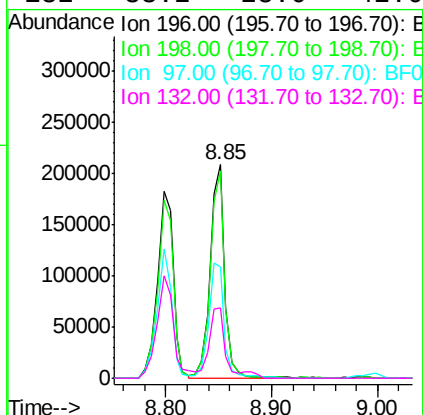
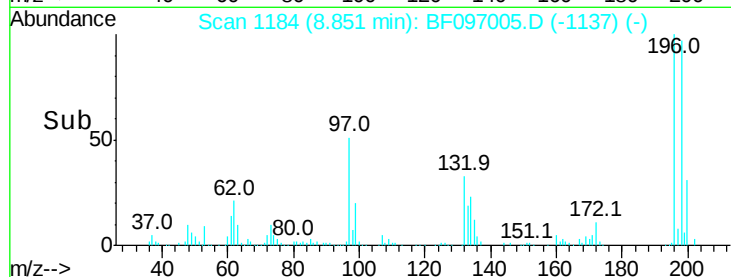
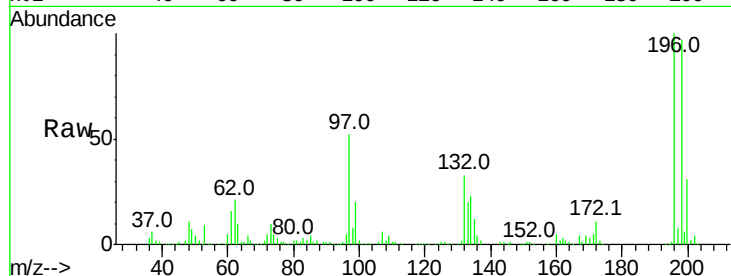
#43
 2,4,5-Trichlorophenol
 Concen: 46.125 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion:	196	Resp:	200446
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.7	113.5
97	51.9	47.7	71.5
132	33.2	28.0	42.0

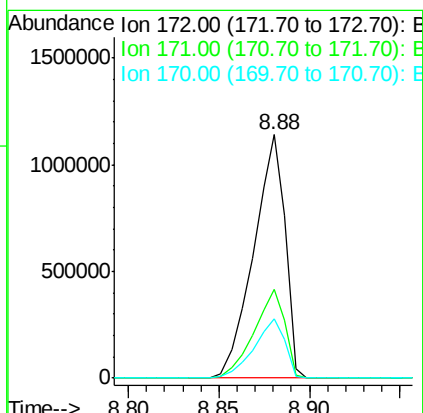
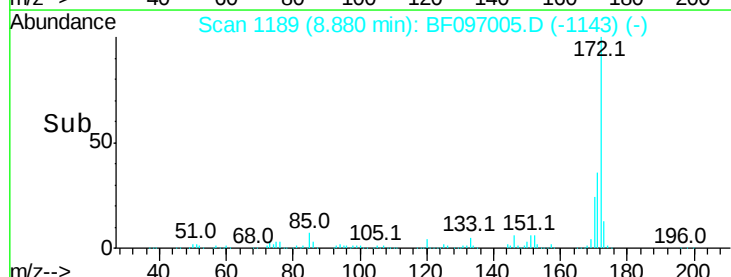
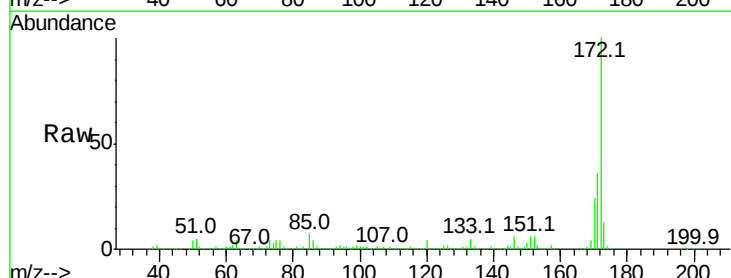
Manual Integrations
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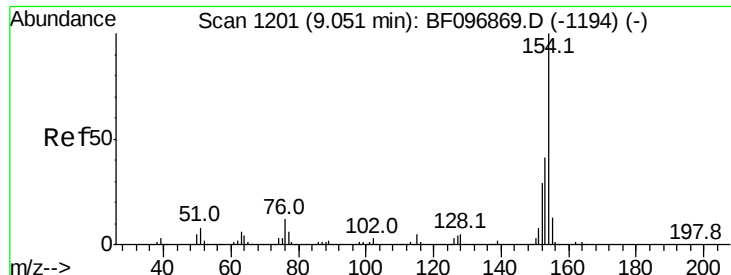
Sohil
 7/25/2017 5:36:30 PM



#44
 2-Fluorobiphenyl
 Concen: 100.476 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:	172	Resp:	1374257
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.709 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

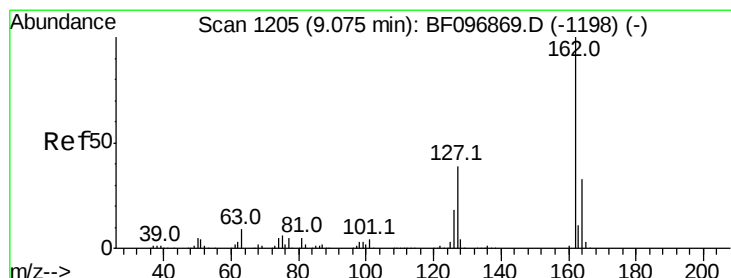
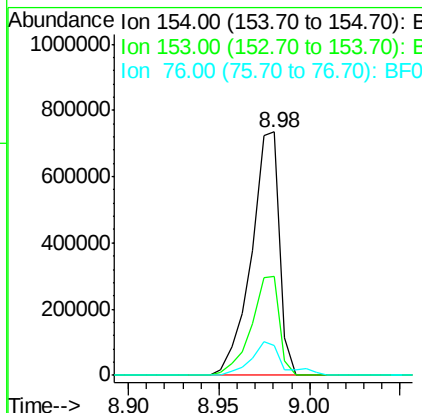
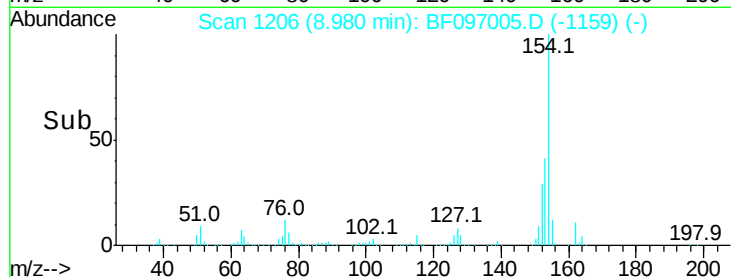
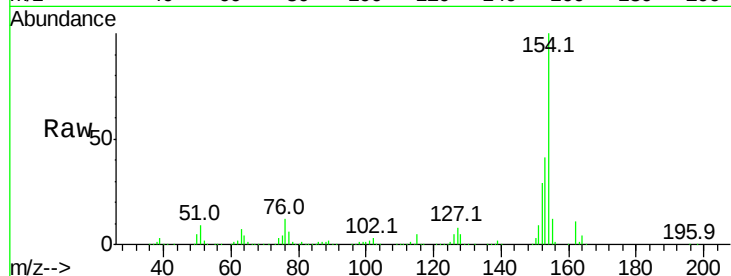
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	154	Resp:	791522
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	12.1	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 44.878 ng

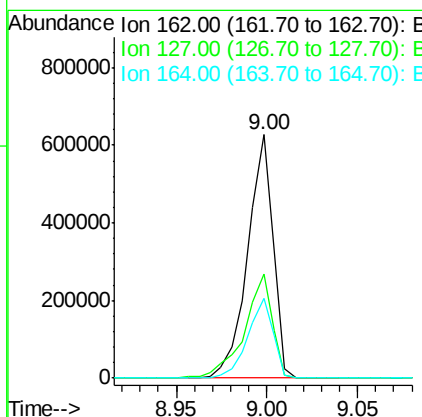
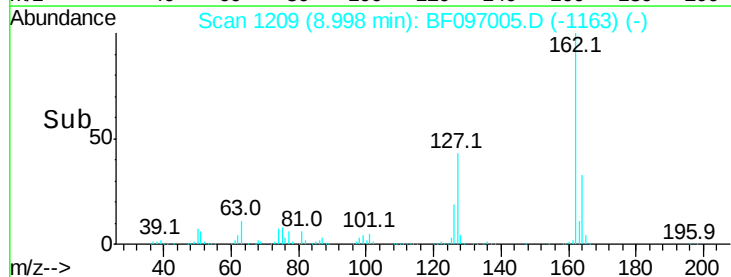
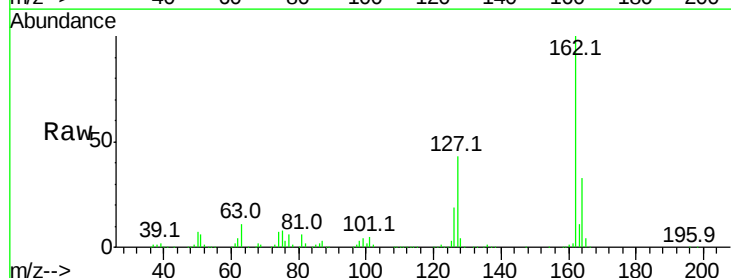
RT: 9.00 min Scan# 1209

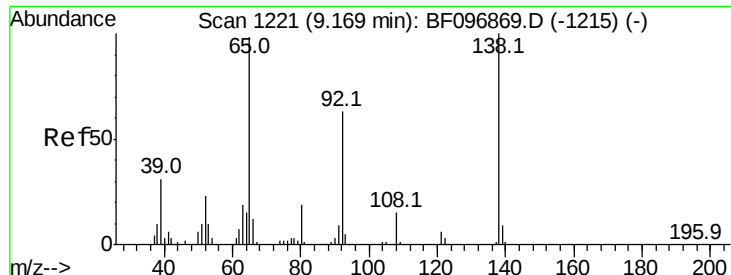
Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	162	Resp:	612443
Ion Ratio	Lower	Upper	
162	100		
127	42.6	28.3	42.5#
164	32.7	27.0	40.4





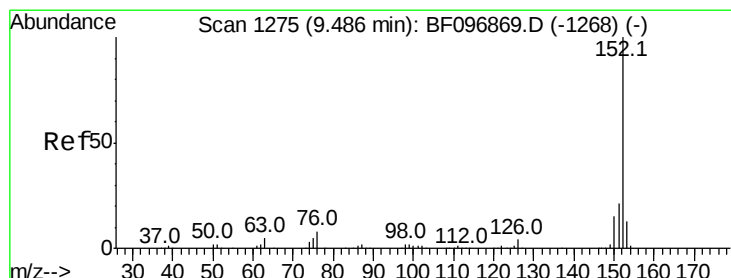
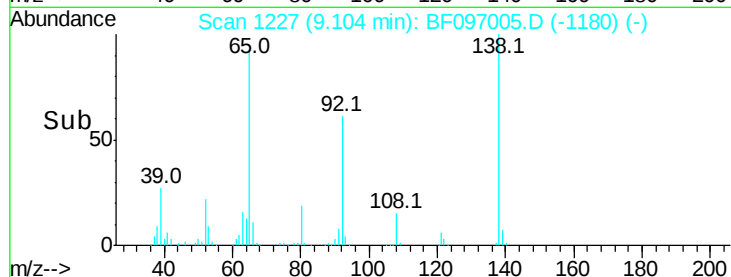
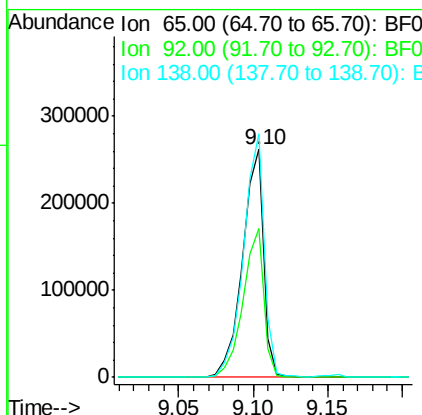
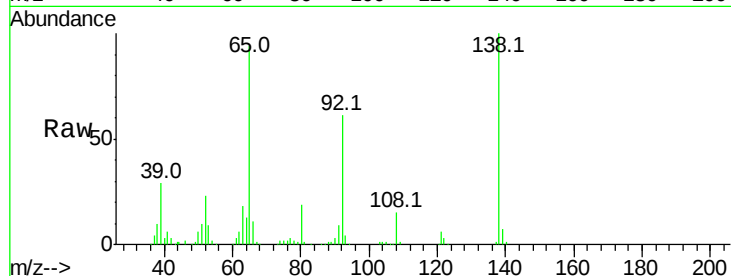
#47
2-Nitroaniline
Concen: 54.905 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.9	80.9
138	106.7	78.8	118.2

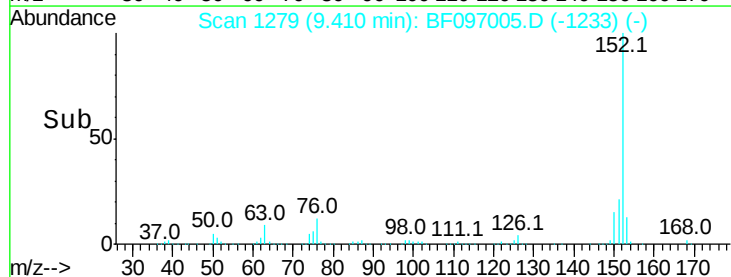
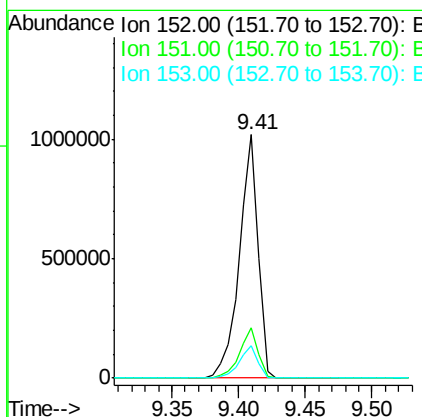
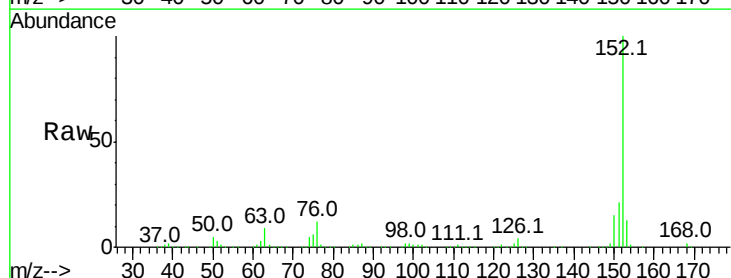
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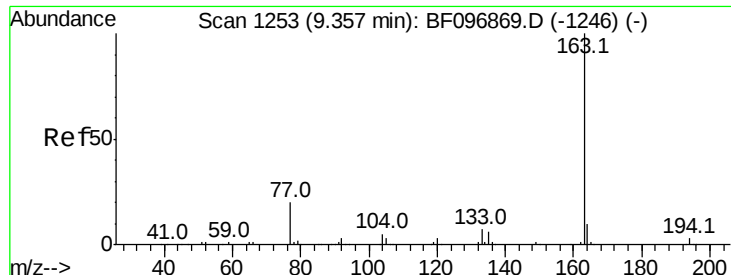
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#48
Acenaphthylene
Concen: 45.693 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2





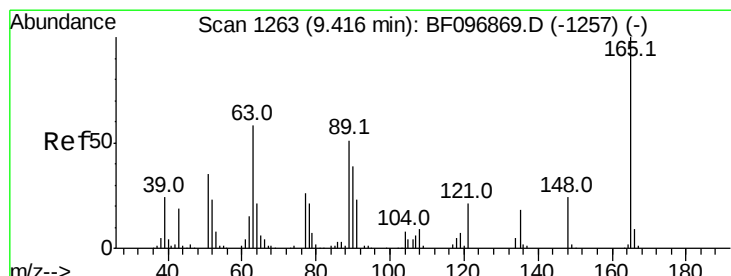
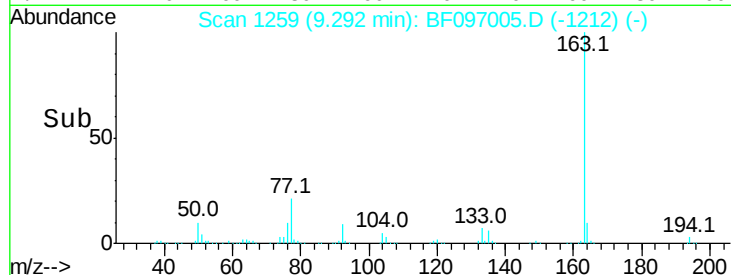
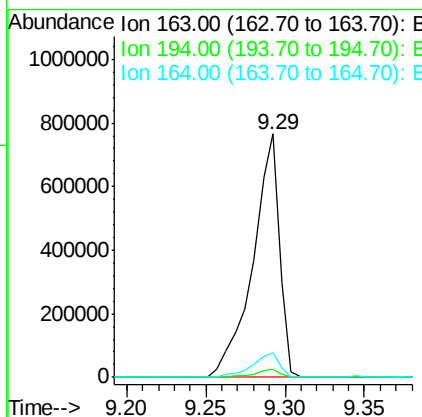
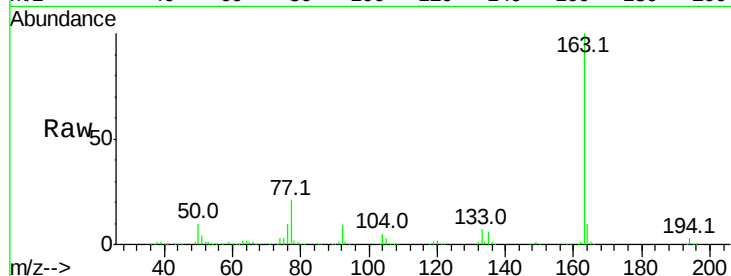
#49
Dimethylphthalate
Concen: 55.166 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.0	8.4	12.6	

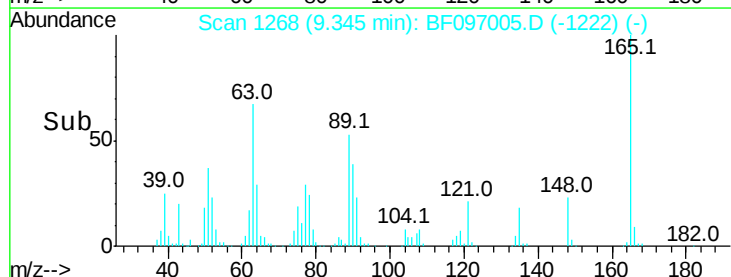
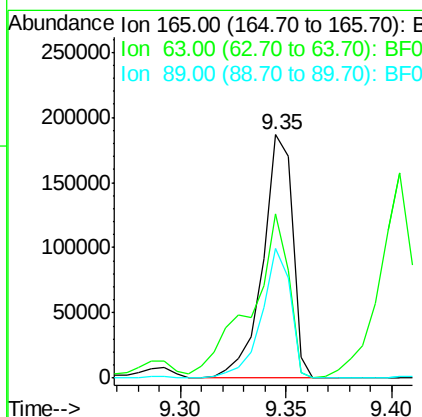
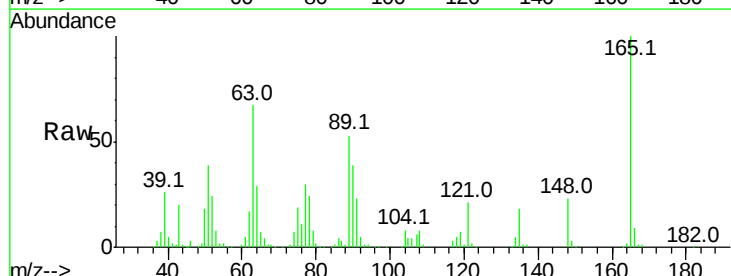
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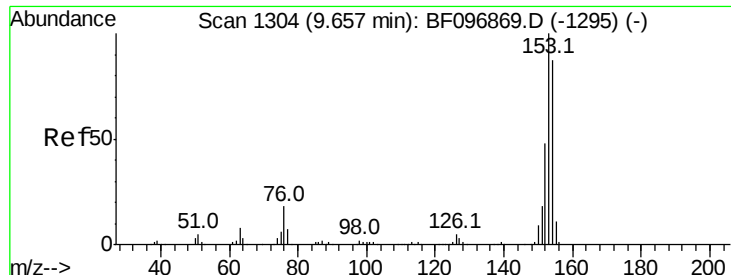
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#50
2,6-Dinitrotoluene
Concen: 52.077 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.3	34.3	51.5#	
89	53.0	37.1	55.7	





#51

Acenaphthene

Concen: 46.936 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

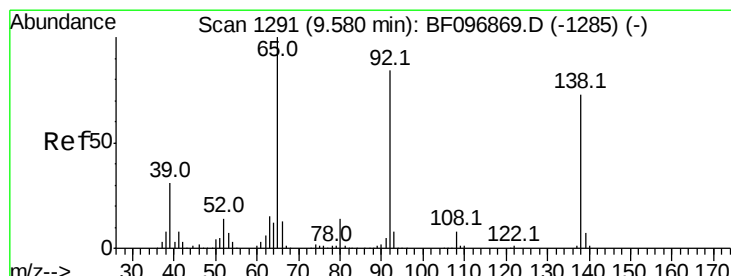
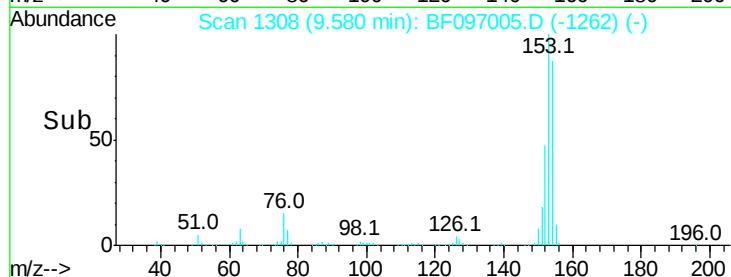
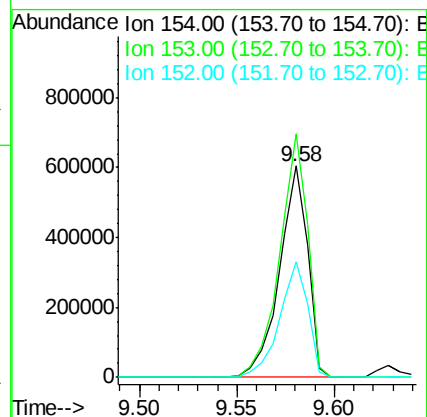
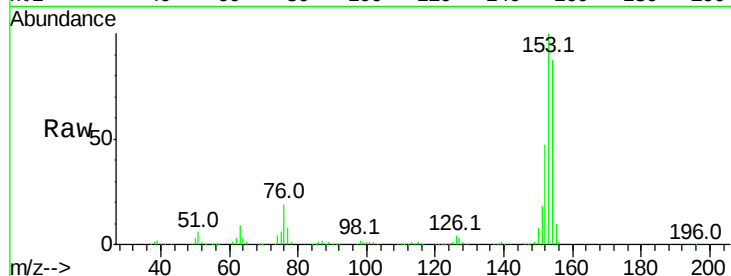
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	154	Resp:	602902
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.5	135.7
152	54.6	43.6	65.4

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#52

3-Nitroaniline

Concen: 49.649 ng

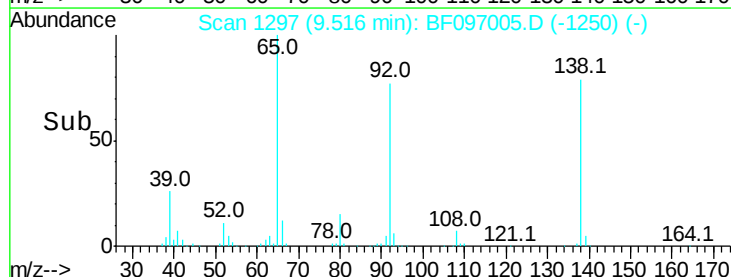
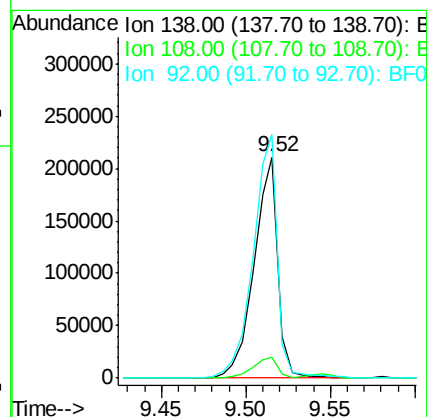
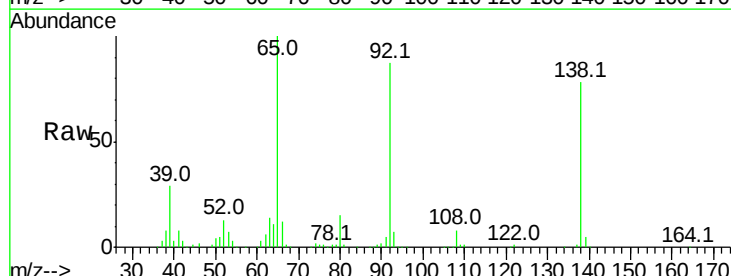
RT: 9.52 min Scan# 1297

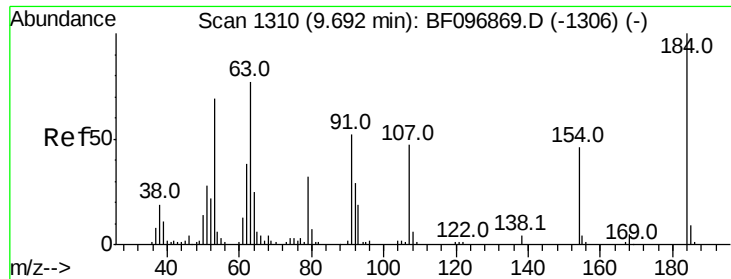
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	138	Resp:	207289
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.1	13.7
92	110.4	93.8	140.6





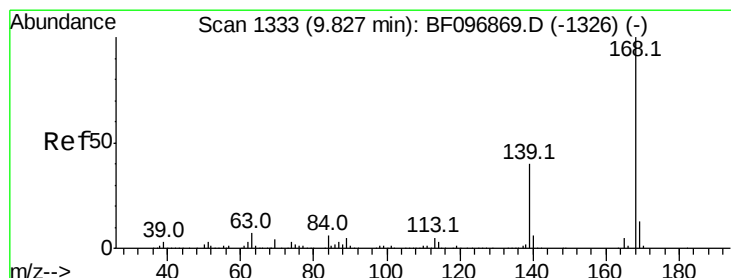
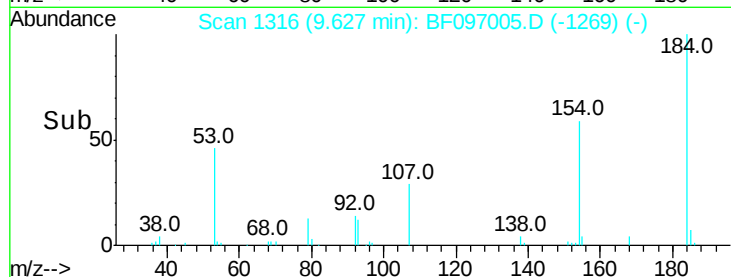
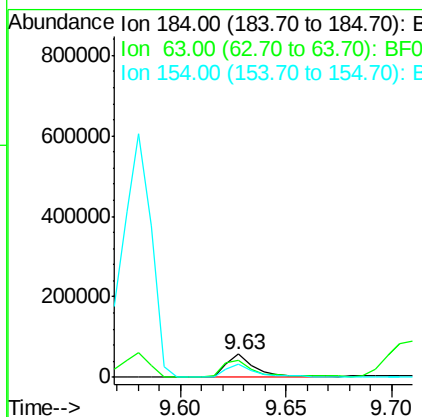
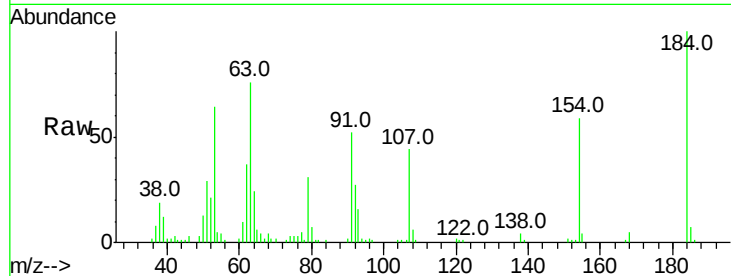
#53
 2,4-Dinitrophenol
 Concen: 36.525 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.2	62.7	94.1
154	58.5	81.1	121.7#

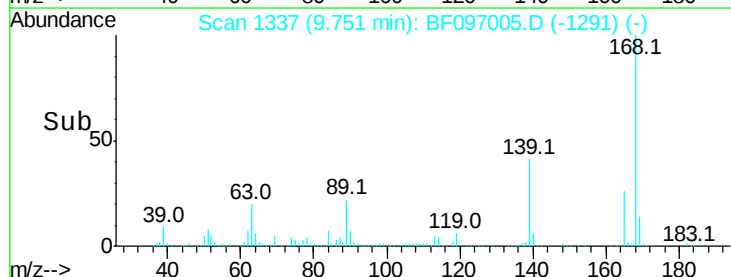
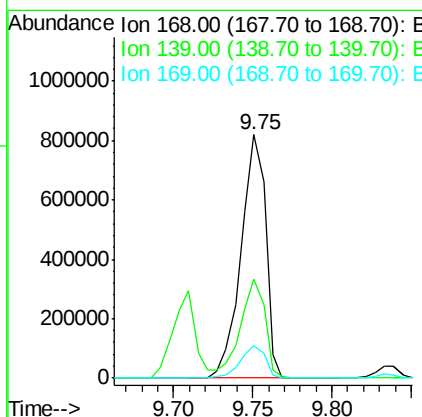
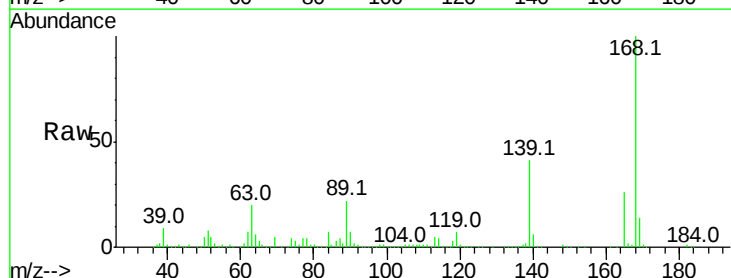
Manual Integrations
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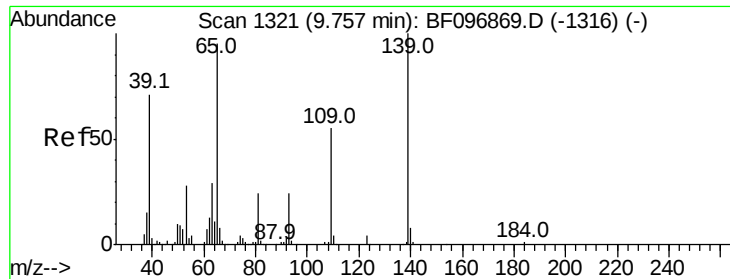
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 7/25/2017 5:36:30 PM



#54
 Dibenzofuran
 Concen: 48.886 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.6	45.8
169	13.6	10.8	16.2





#55

4-Nitrophenol

Concen: 97.017 ng

RT: 9.71 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

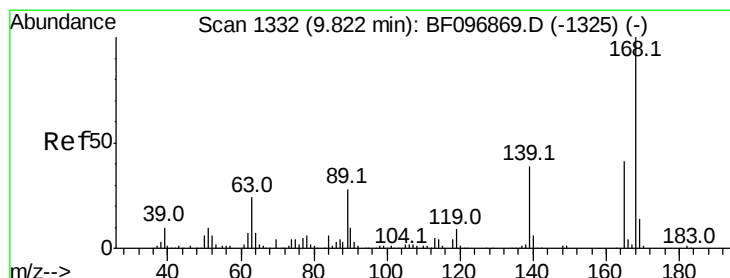
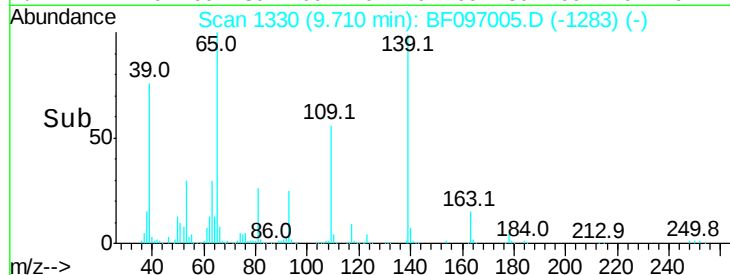
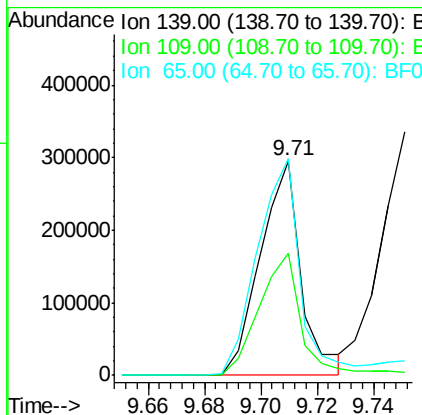
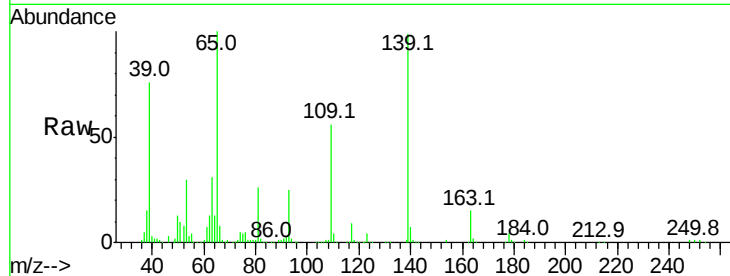
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	139	Resp:	295923
Ion Ratio	Lower	Upper	
139	100		
109	56.6	34.1	74.1
65	100.9	31.4	71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 48.925 ng

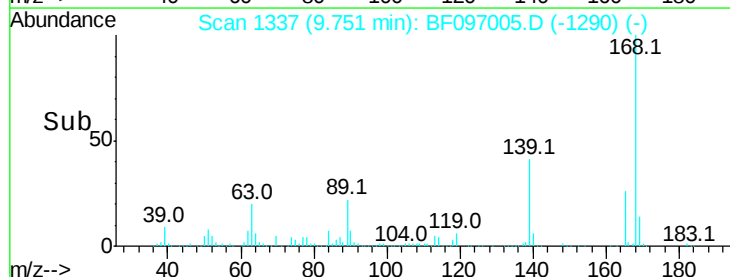
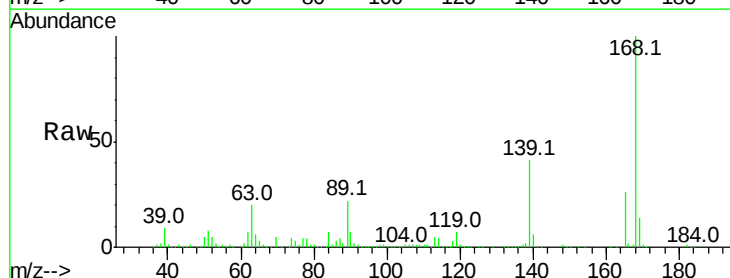
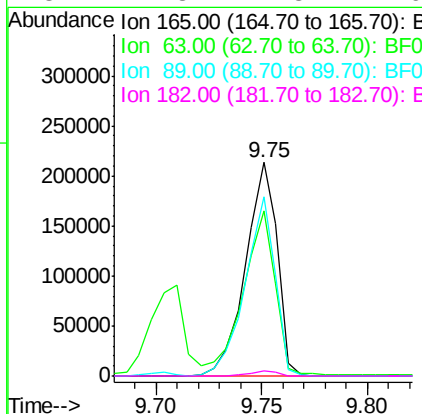
RT: 9.75 min Scan# 1337

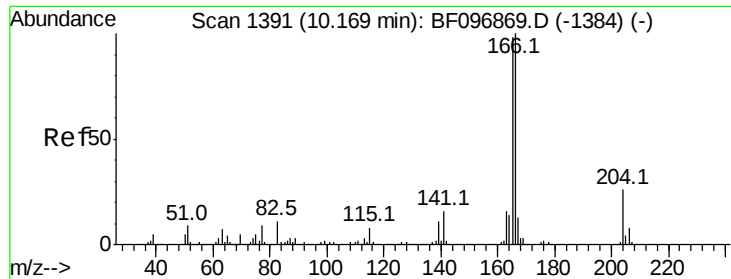
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	165	Resp:	221570
Ion Ratio	Lower	Upper	
165	100		
63	77.1	25.4	38.0#
89	84.0	46.4	69.6#
182	2.3	1.8	2.6





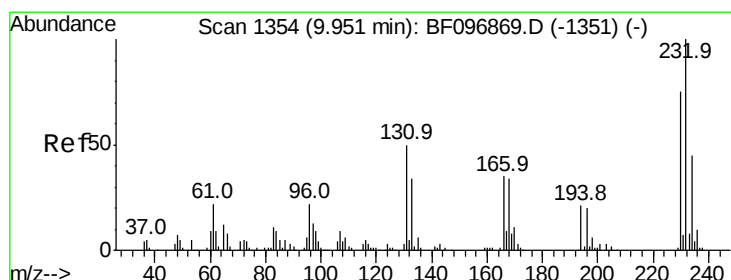
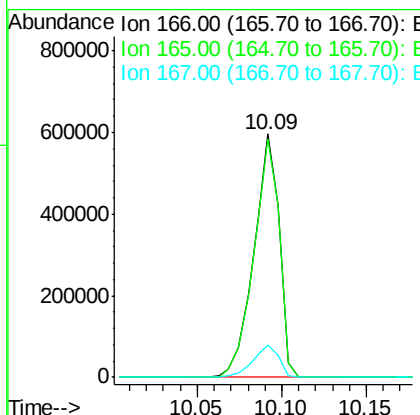
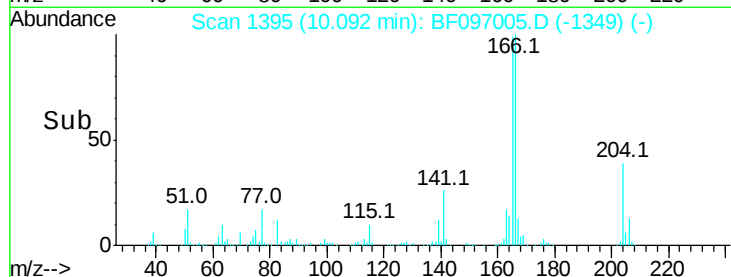
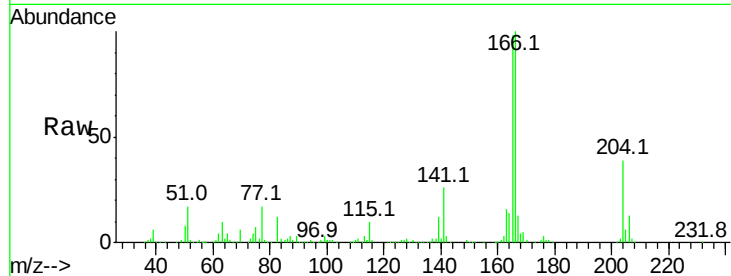
#57
Fluorene
Concen: 46.844 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	623091		
165	98.0		78.8	118.2
167	13.4		10.6	16.0

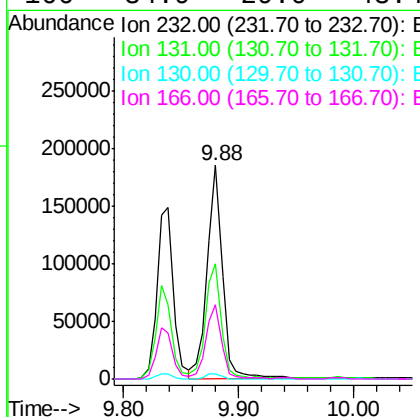
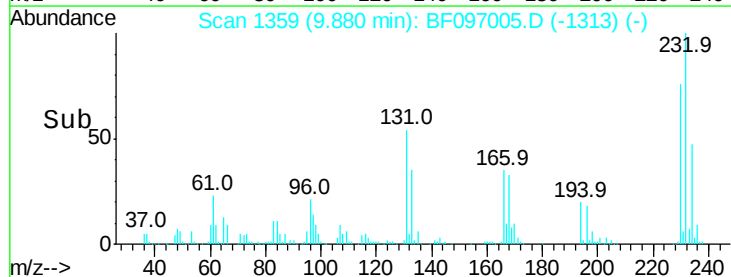
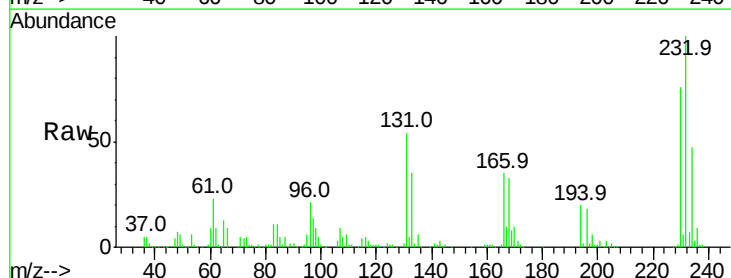
Manual Integrations
APPROVED

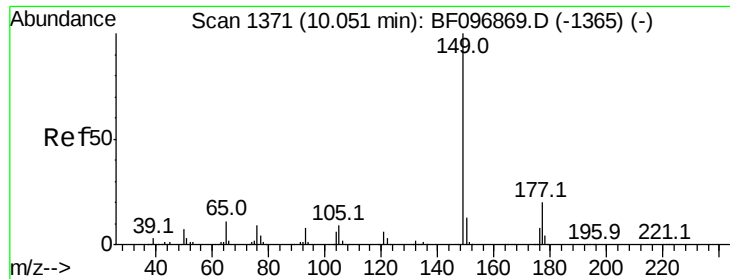
Sohil
7/25/2017 5:36:30 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 57.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	171789		
131	55.4		44.8	67.2
130	2.7		2.3	3.5
166	34.9		29.0	43.4





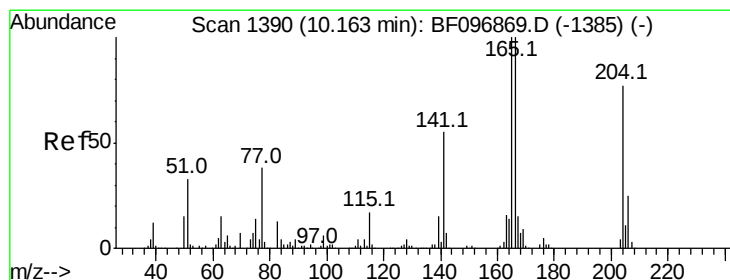
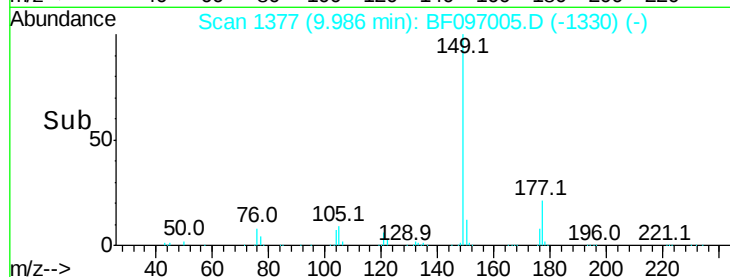
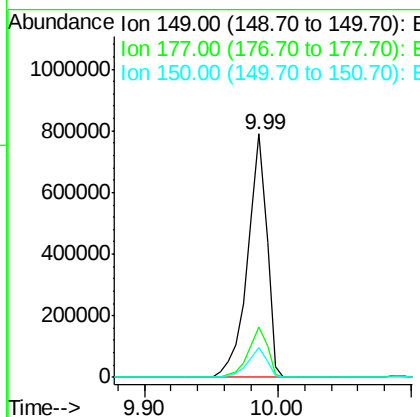
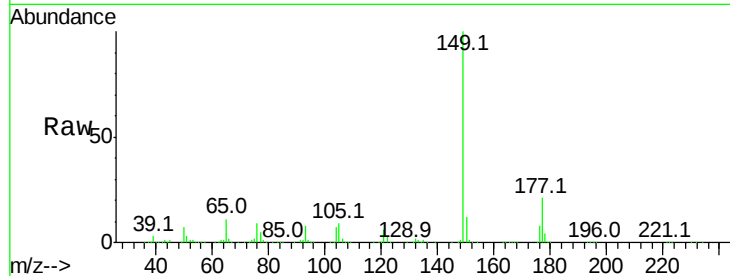
#59
Diethylphthalate
Concen: 49.193 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.3	10.2	15.2

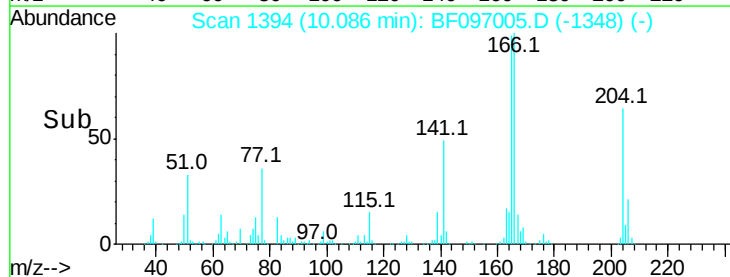
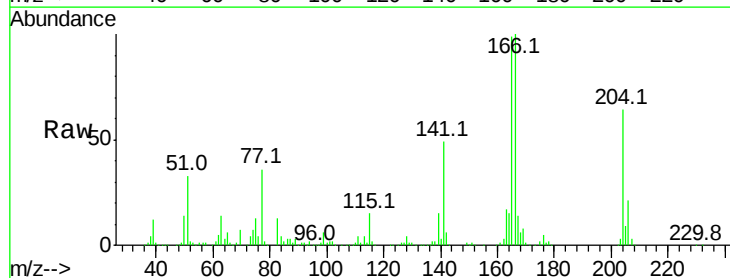
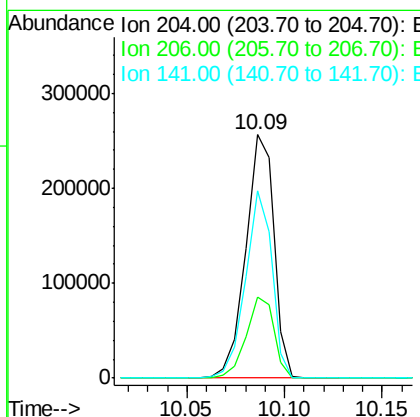
Manual Integrations
APPROVED

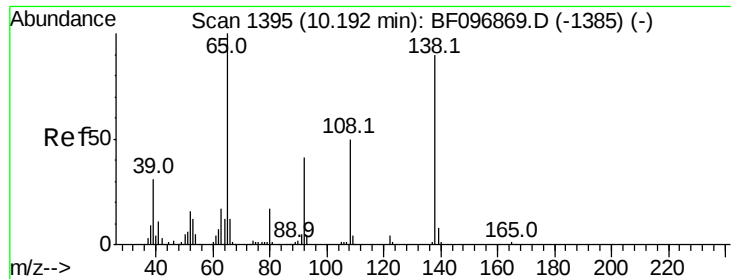
Sohil
7/25/2017 5:36:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.424 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	76.9	60.8	91.2





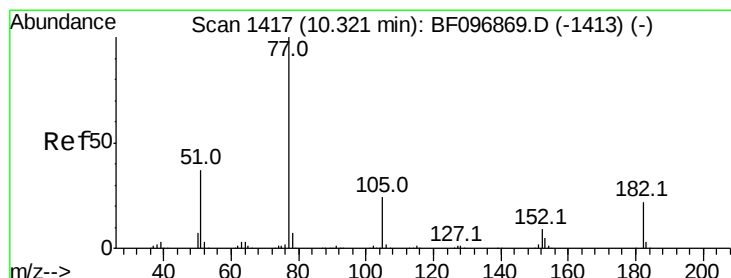
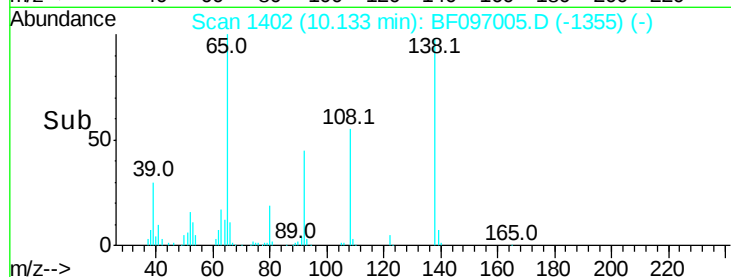
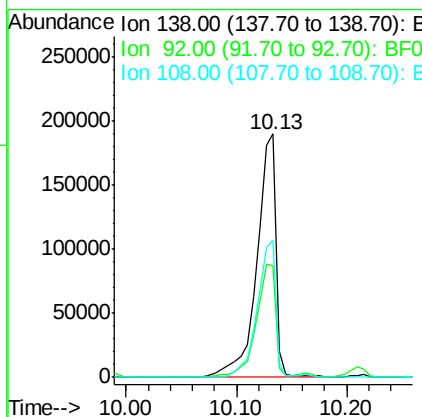
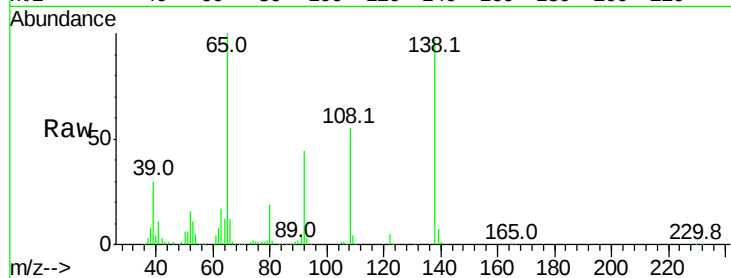
#61
4-Nitroaniline
Concen: 59.366 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.7	21.8	61.8
108	56.3	42.3	82.3

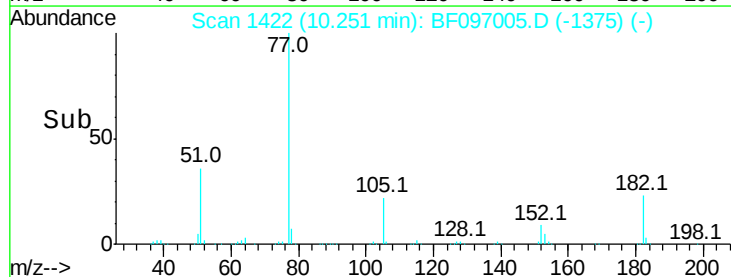
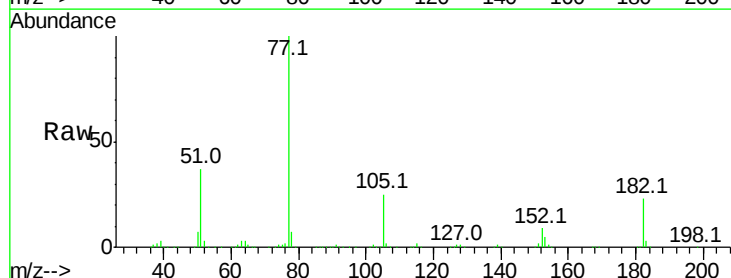
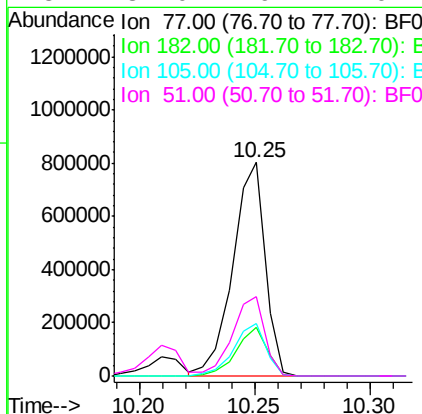
Manual Integrations
APPROVED

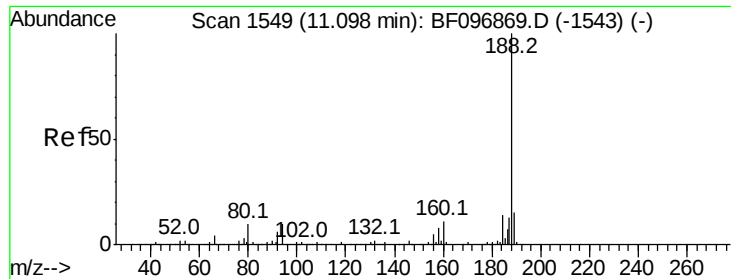
Sohil
7/25/2017 5:36:30 PM



#62
Azobenzene
Concen: 55.970 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.1	40.1
105	24.7	3.6	43.6
51	37.0	9.4	49.4





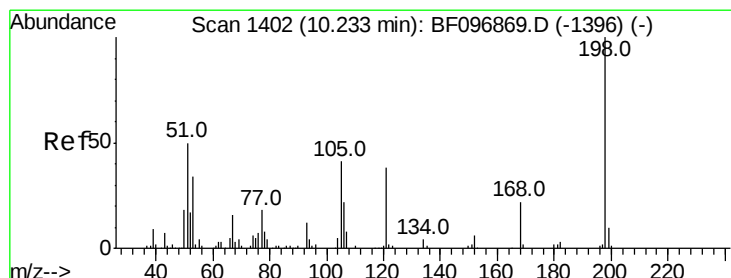
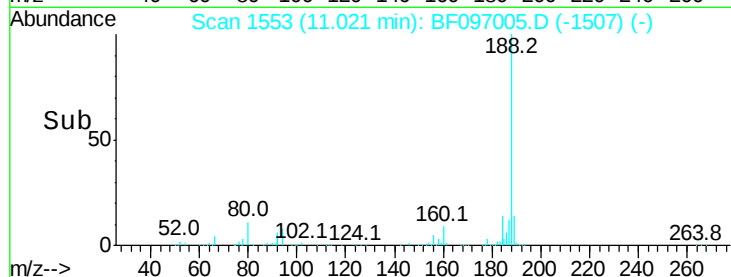
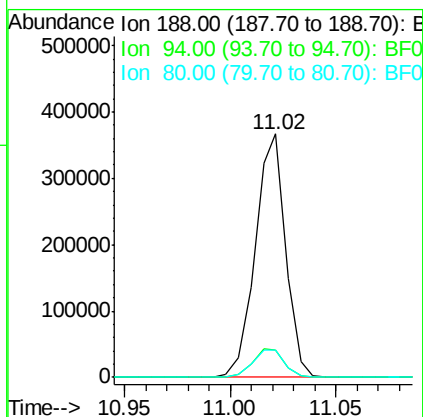
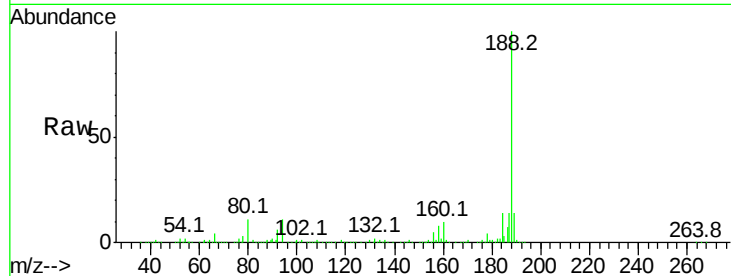
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	11.2	10.2	15.2	

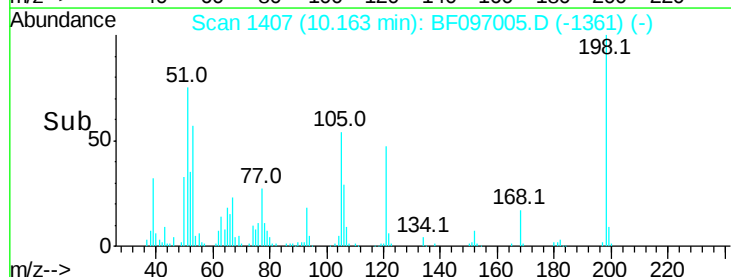
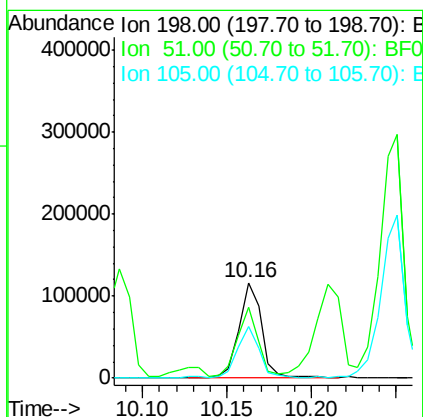
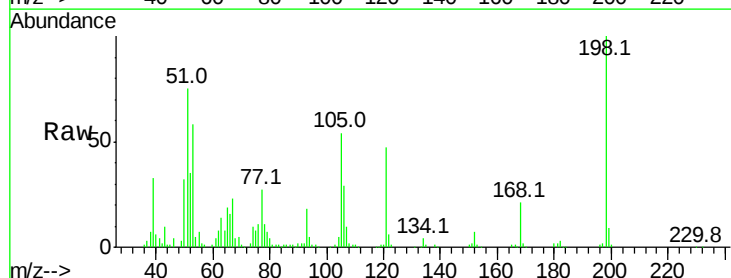
Manual Integrations
APPROVED

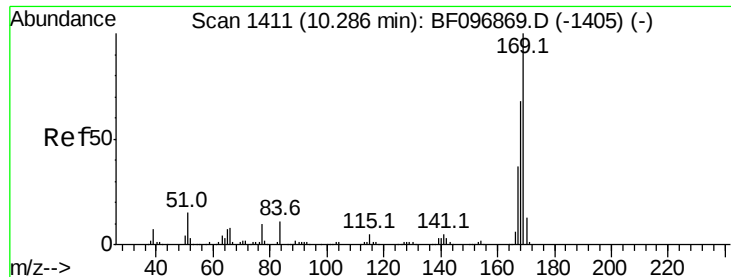
Sohil
7/25/2017 5:36:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.528 ng
RT: 10.16 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	75.0	53.2	93.2	
105	53.8	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 47.228 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:169 Resp: 618032

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

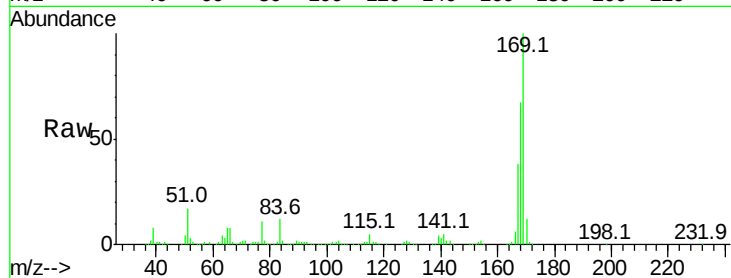
167 38.3 29.5 44.3

Manual Integrations

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Sohil

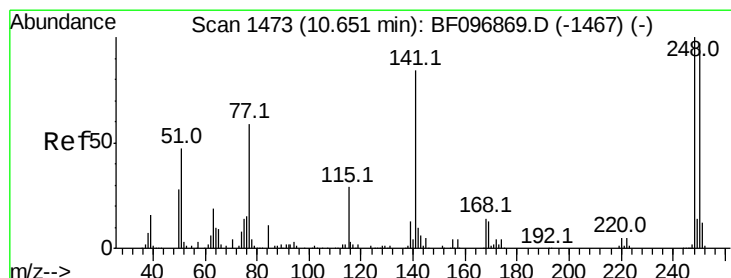
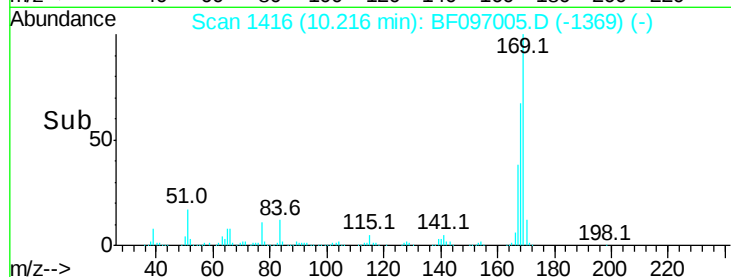
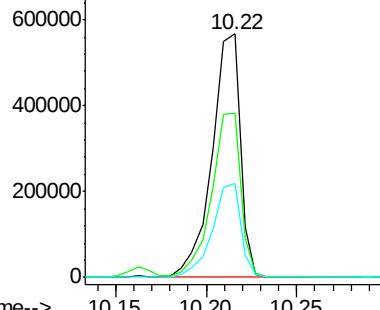
7/25/2017 5:36:30 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.012 ng

RT: 10.57 min Scan# 1477

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

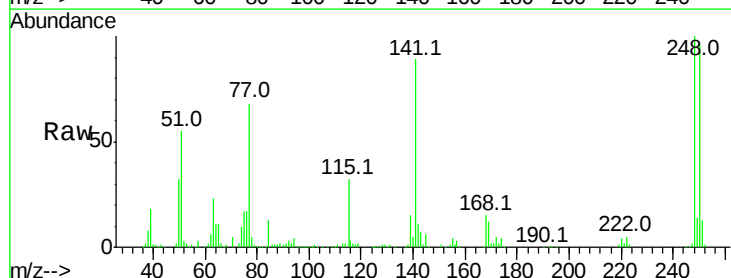
Tgt Ion:248 Resp: 179450

Ion Ratio Lower Upper

248 100

250 96.4 76.8 115.2

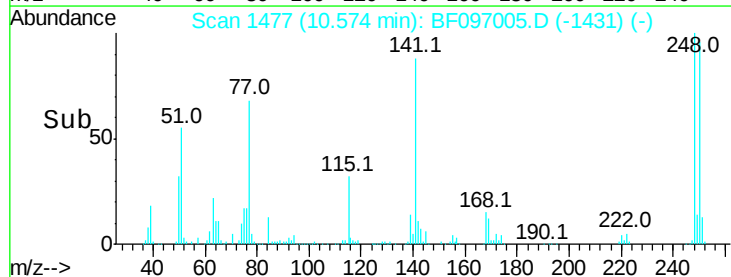
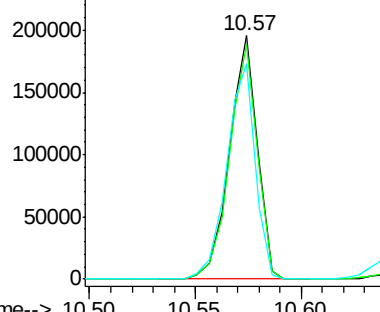
141 88.5 68.6 103.0

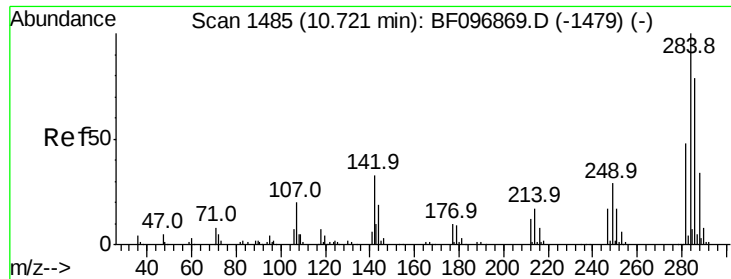


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





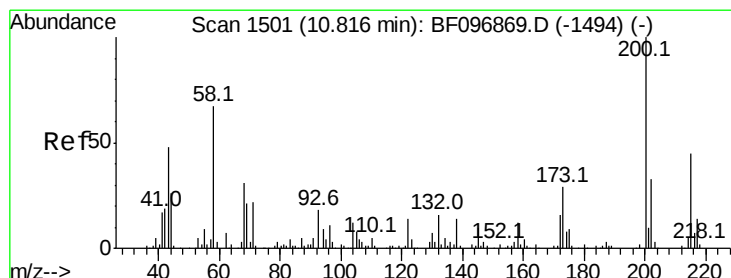
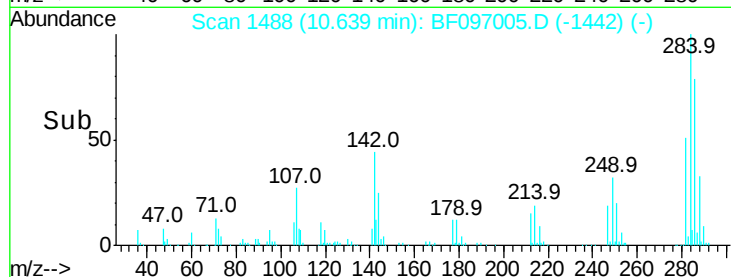
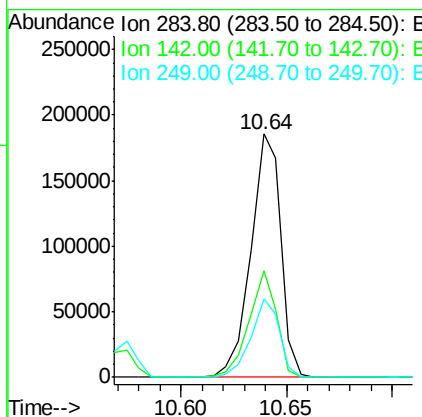
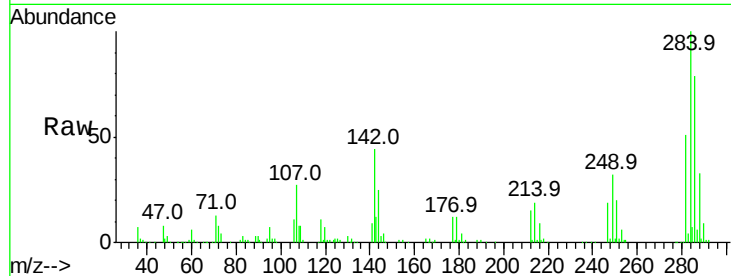
#67
Hexachlorobenzene
Concen: 43.937 ng
RT: 10.64 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.9	22.8	34.2#	
249	32.3	24.0	36.0	

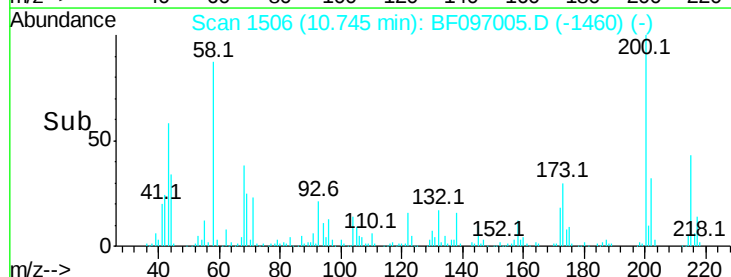
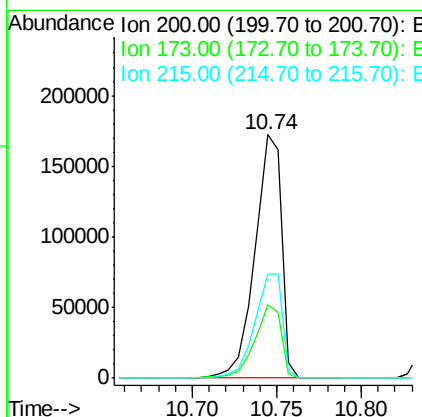
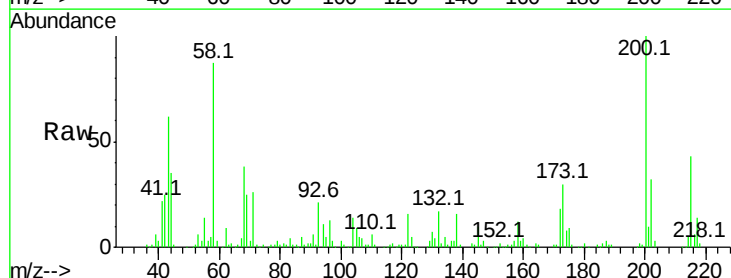
Manual Integrations
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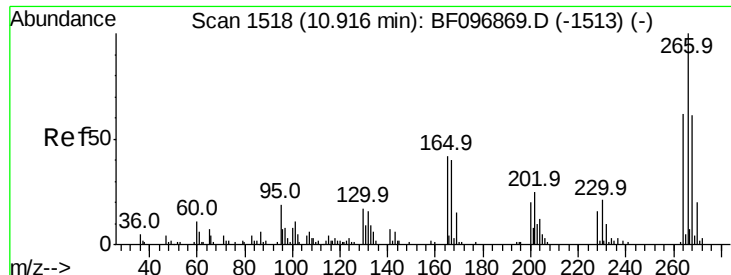
Sohil
7/25/2017 5:36:30 PM



#68
Atrazine
Concen: 50.898 ng
RT: 10.74 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.0	6.3	46.3	
215	42.9	27.2	67.2	





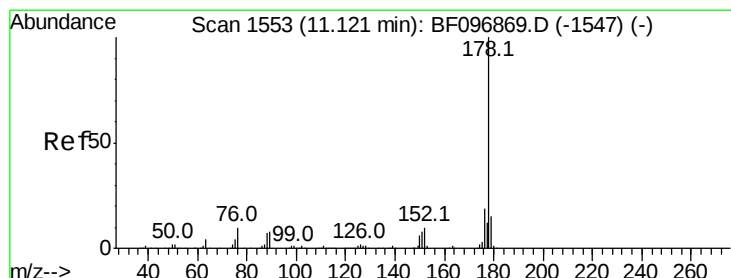
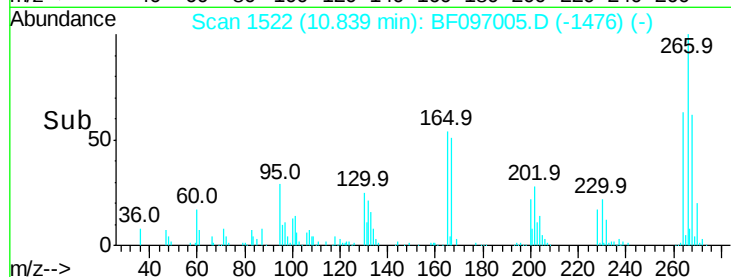
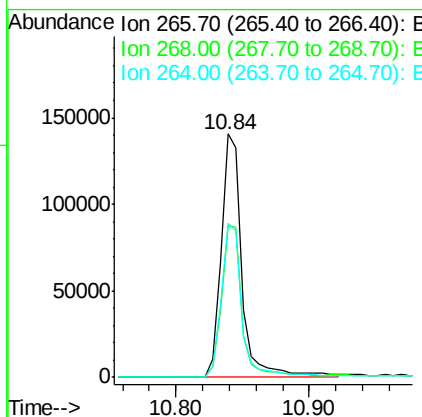
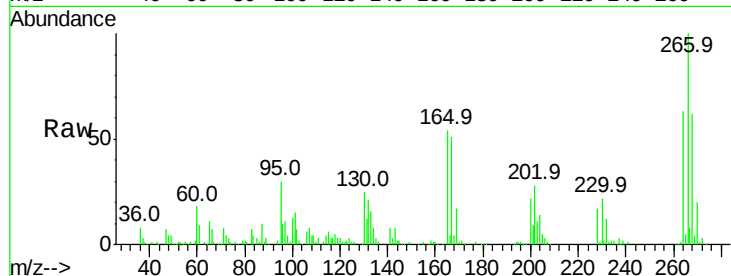
#69
 Pentachlorophenol
 Concen: 76.751 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	63.3	51.7	77.5

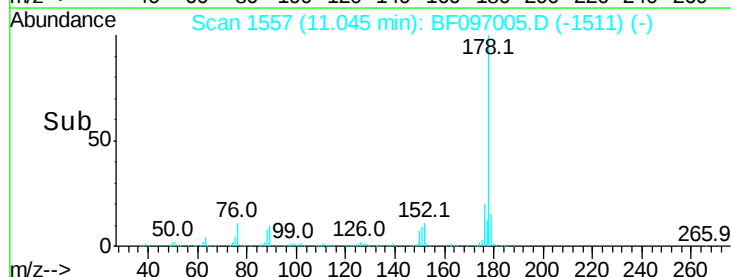
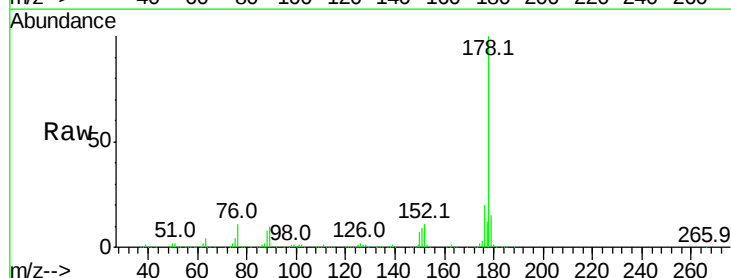
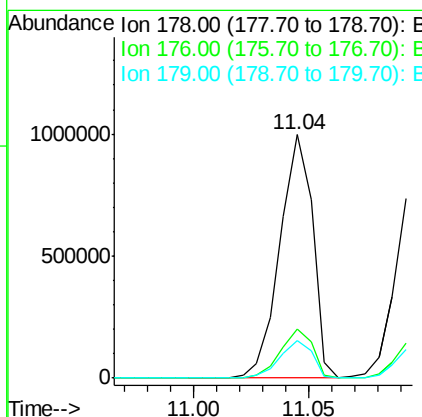
Manual Integrations
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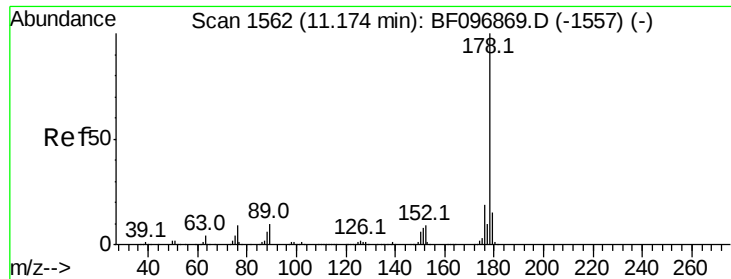
Sohil
 7/25/2017 5:36:30 PM



#70
 Phenanthrene
 Concen: 49.203 ng
 RT: 11.04 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.3	12.6	19.0





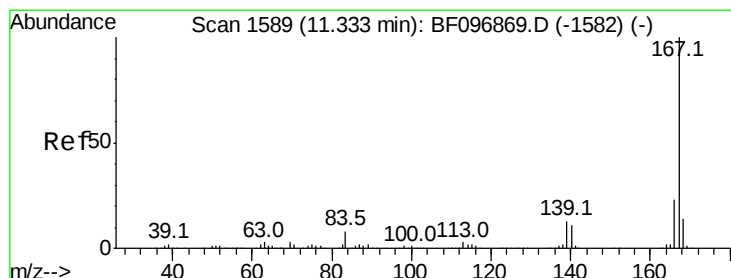
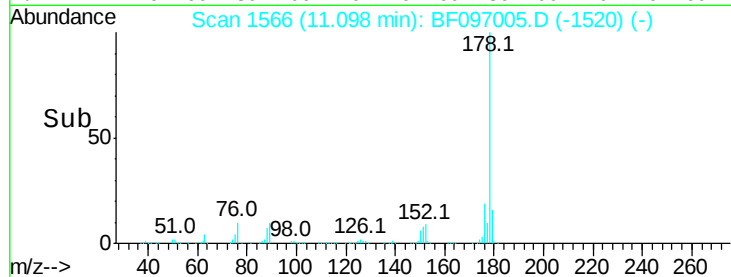
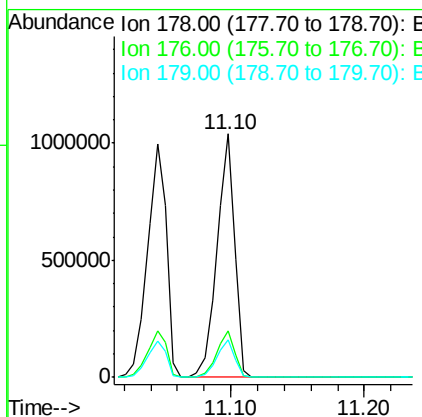
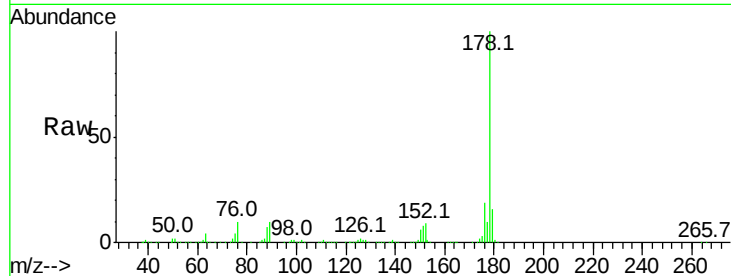
#71
 Anthracene
 Concen: 48.374 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	12.7	19.1

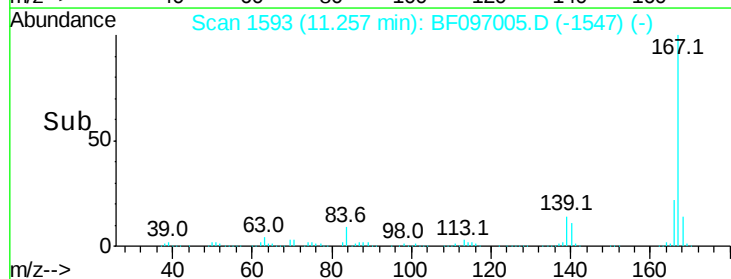
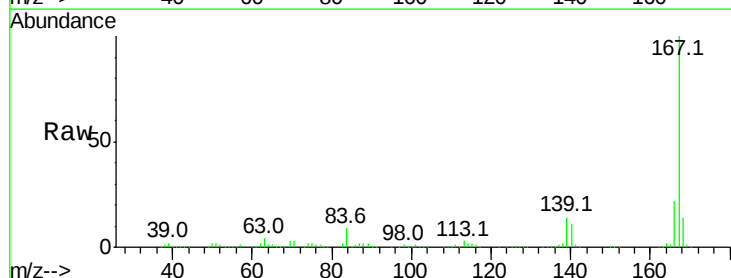
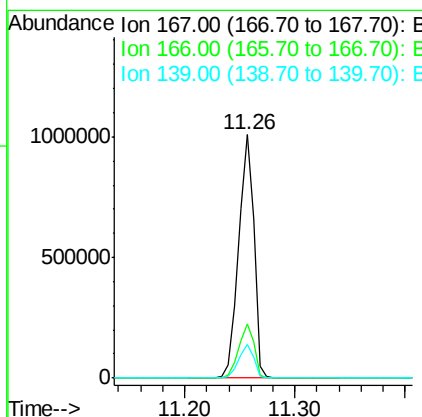
Manual Integrations
 APPROVED

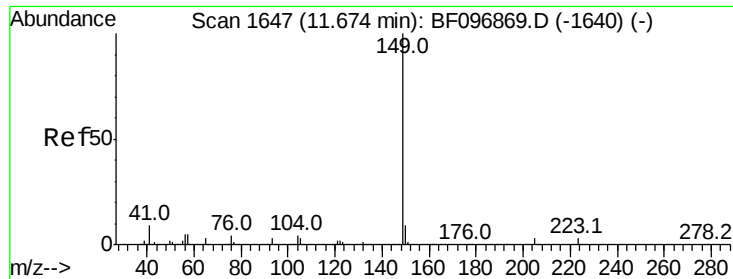
Sohil
 7/25/2017 5:36:30 PM



#72
 Carbazole
 Concen: 50.848 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.7	11.7	17.5





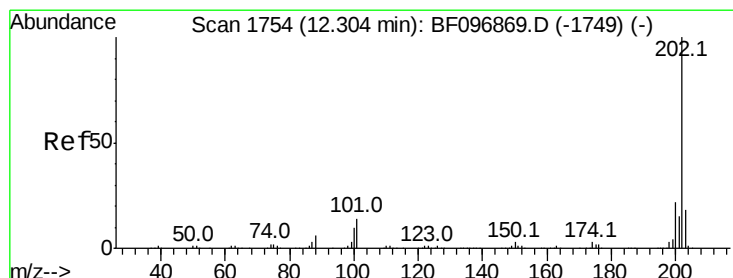
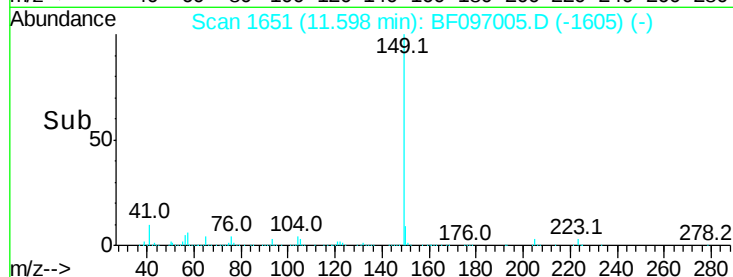
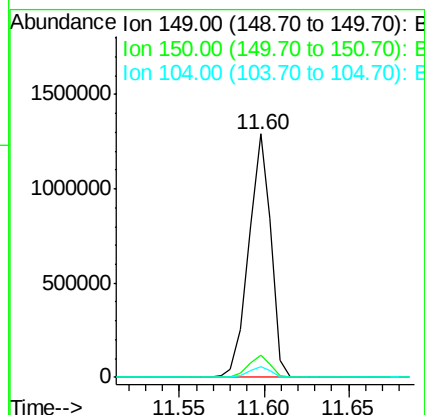
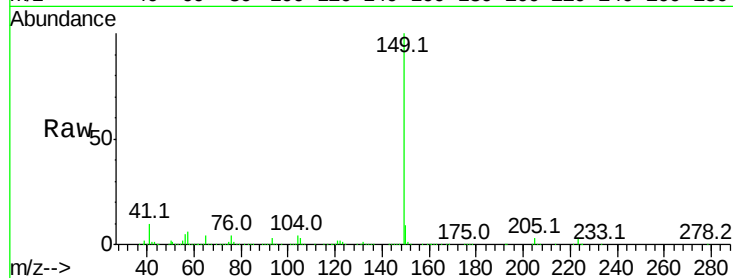
#73
Di-n-butylphthalate
Concen: 48.631 ng
RT: 11.60 min Scan# 1651
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	4.0	6.0

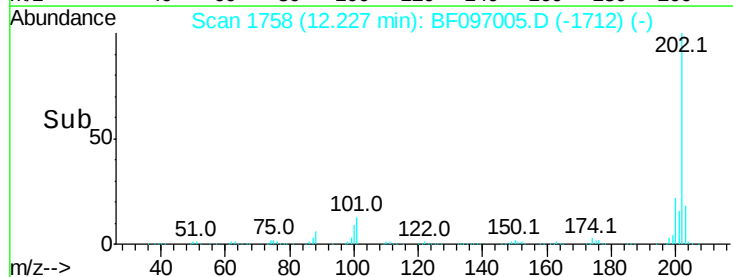
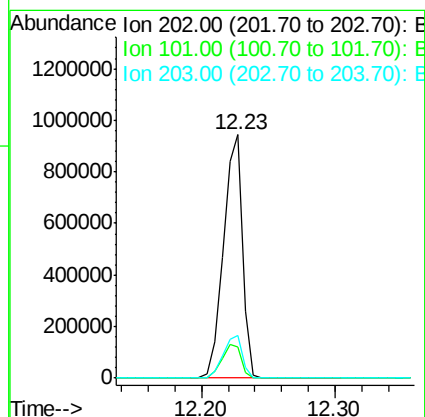
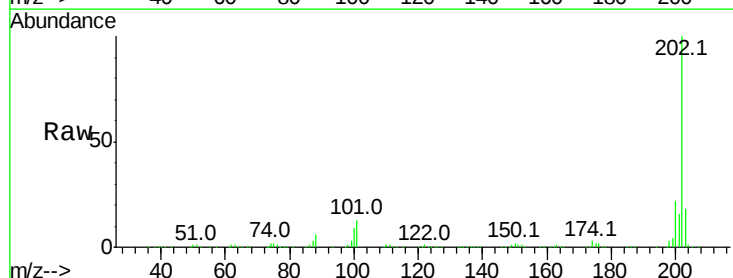
Manual Integrations
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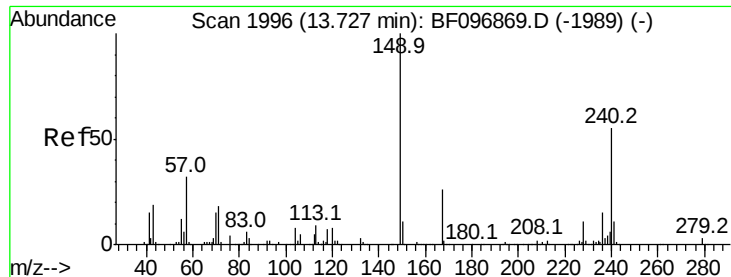
Sohil
7/25/2017 5:36:30 PM



#74
Fluoranthene
Concen: 49.831 ng
RT: 12.23 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

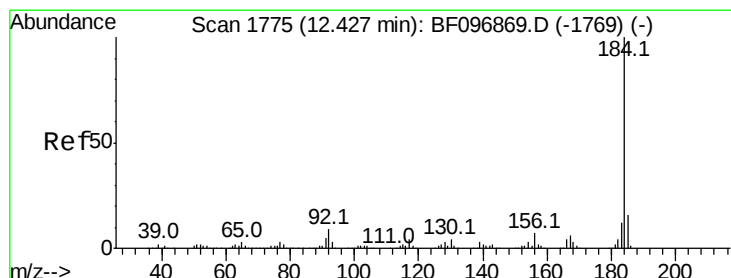
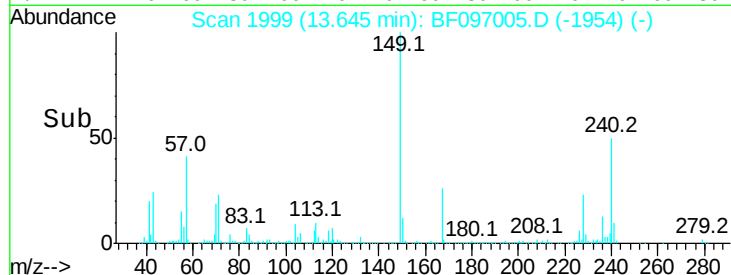
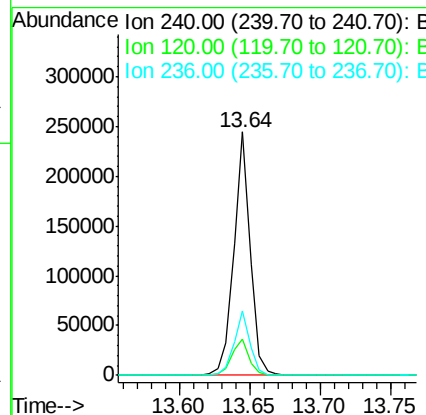
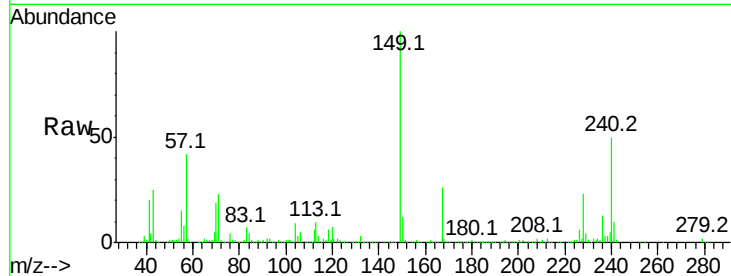
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:240 Resp: 196716
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 26.3 20.5 30.7

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#76

Benzidine

Concen: 35.392 ng

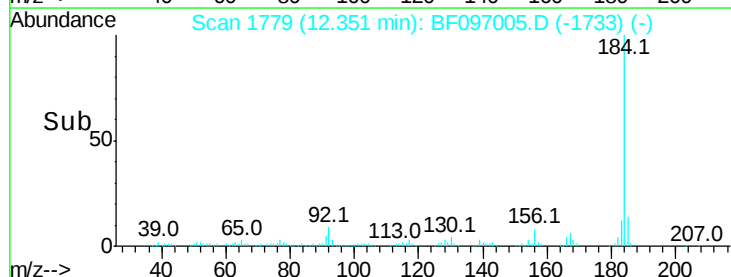
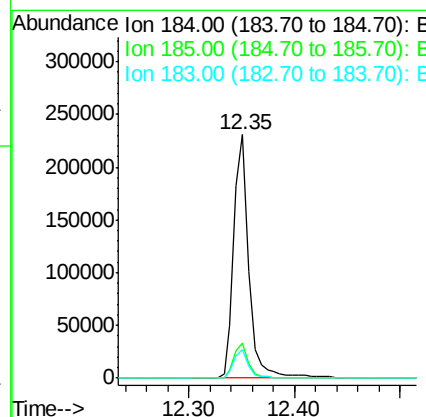
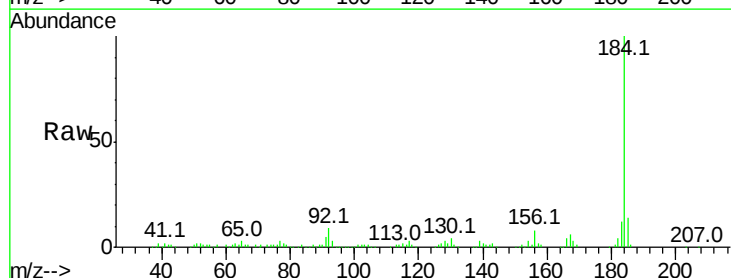
RT: 12.35 min Scan# 1779

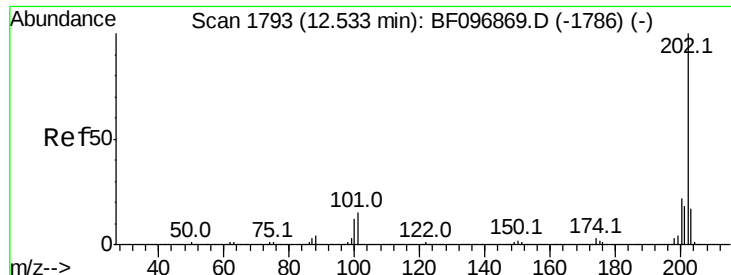
Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:184 Resp: 228085
 Ion Ratio Lower Upper
 184 100
 185 14.3 15.5 23.3#
 183 11.6 9.8 14.6





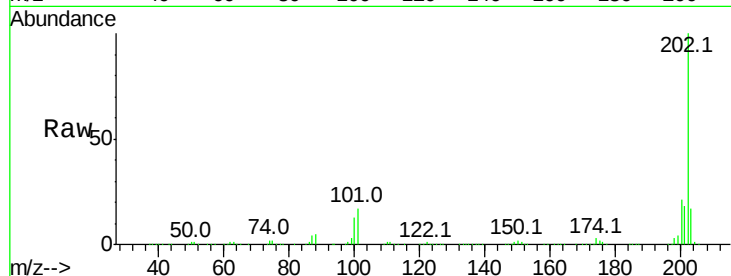
#77
Pvrene
Concen: 53.586 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

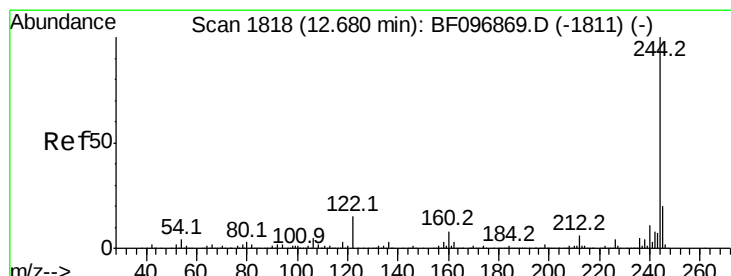
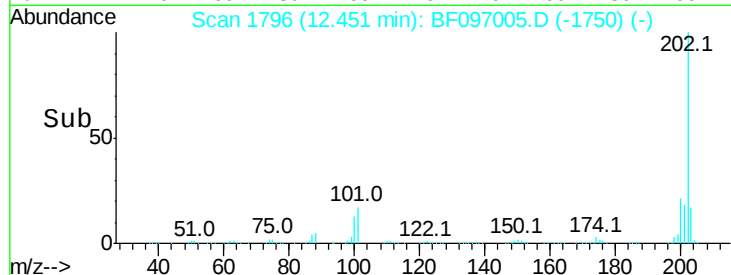
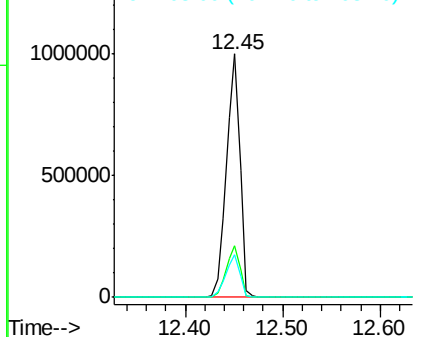
Tot Ion	Ratio	Resp	Lower	Upper
202	100	956671		
200	21.3		17.6	26.4
203	17.3		14.4	21.6

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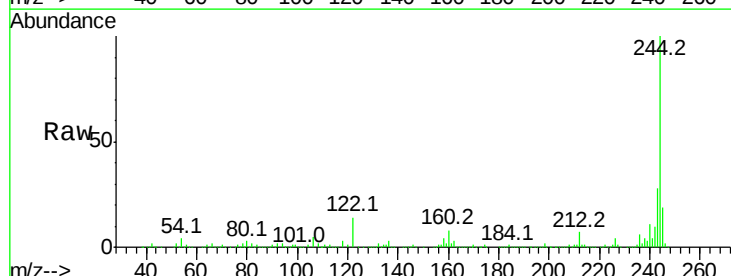


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

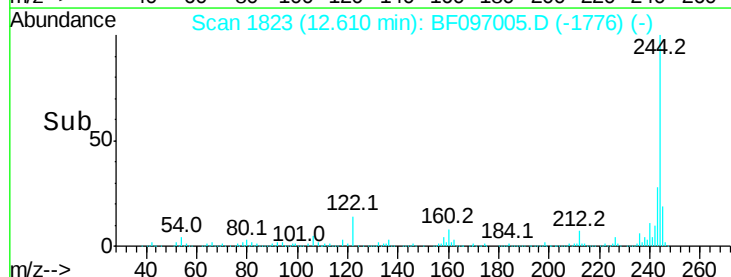
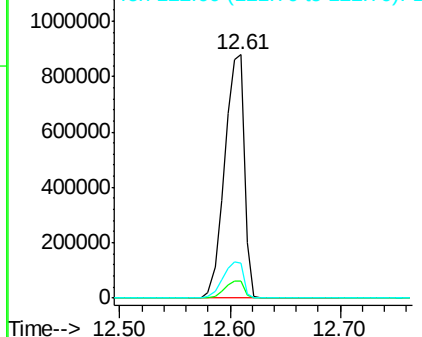


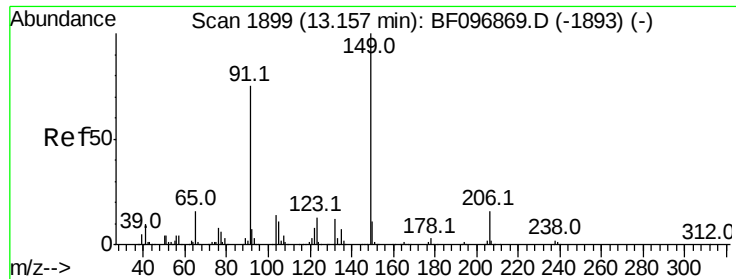
#78
Terphenyl-d14
Concen: 96.982 ng
RT: 12.61 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1100061		
212	7.1		6.0	9.0
122	14.2		10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





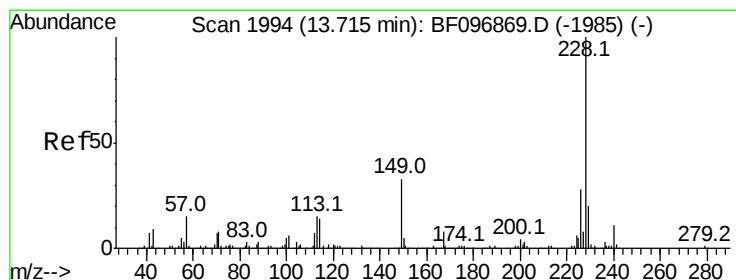
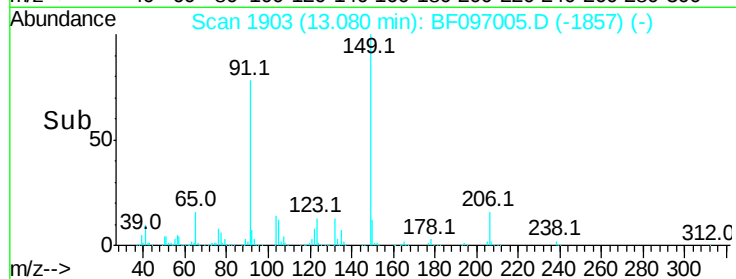
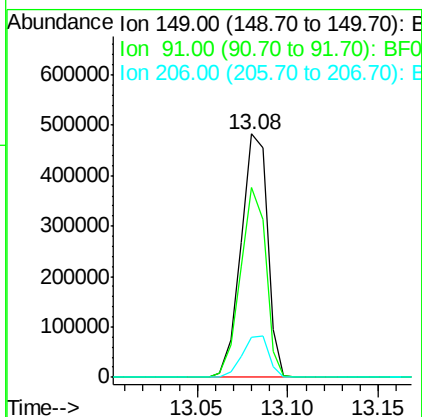
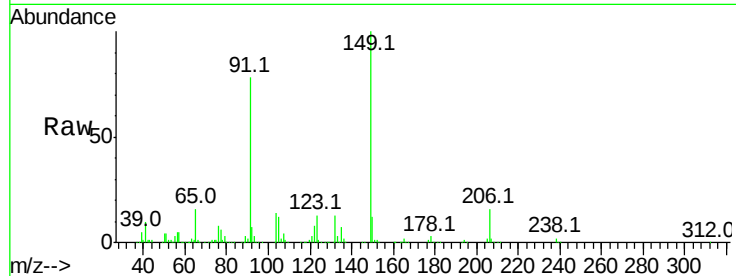
#79
Butylbenzylphthalate
Concen: 57.954 ng
RT: 13.08 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.2	45.0	67.4#
206	16.4	17.0	25.6#

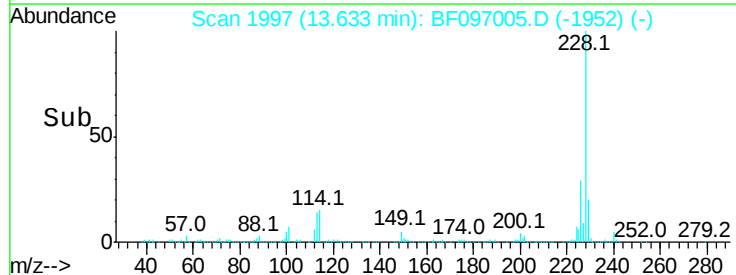
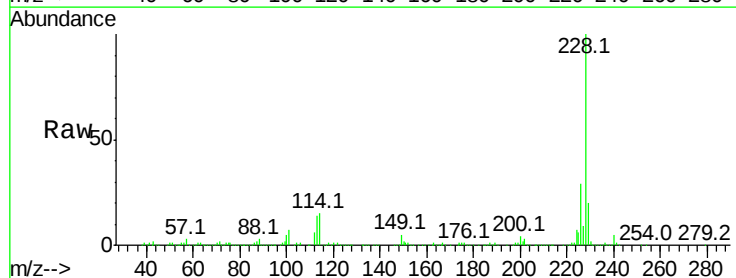
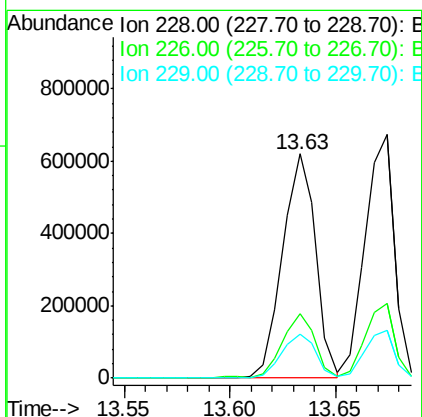
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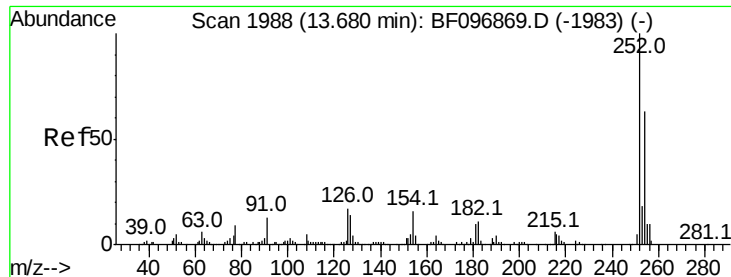
Sohil
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#80
Benzo(a)anthracene
Concen: 55.098 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	19.8	16.3	24.5





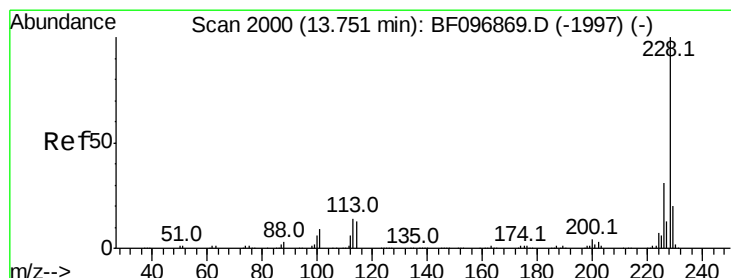
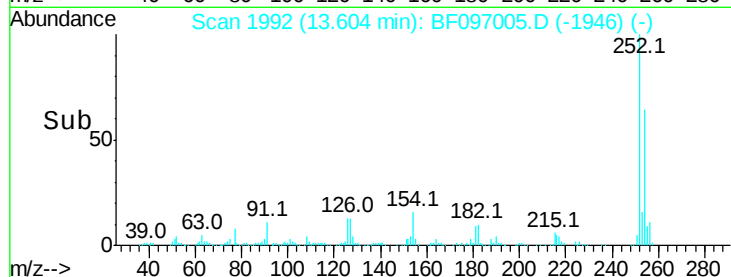
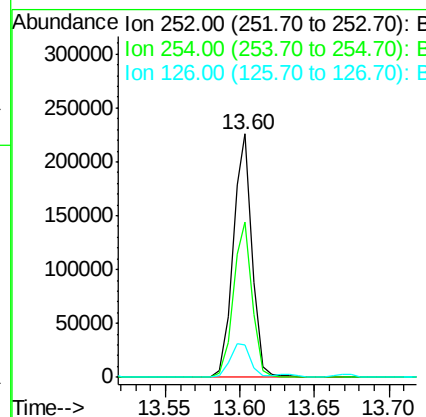
#81
 3,3'-Dichlorobenzidine
 Concen: 45.891 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.1	15.8	23.8

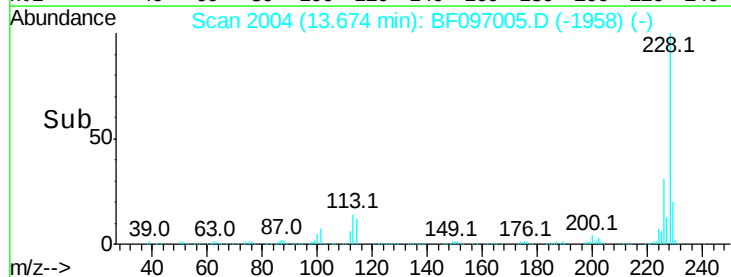
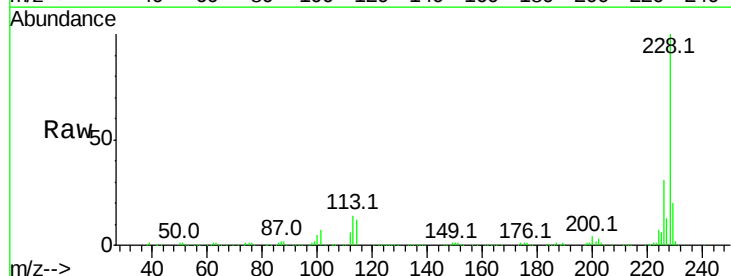
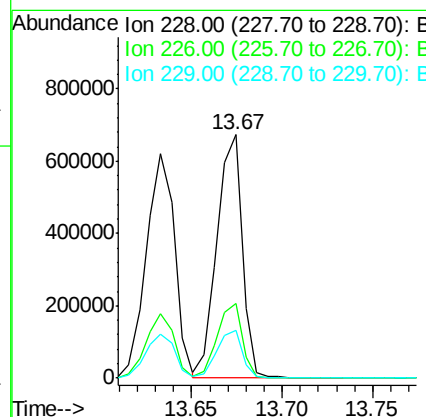
Manual Integrations
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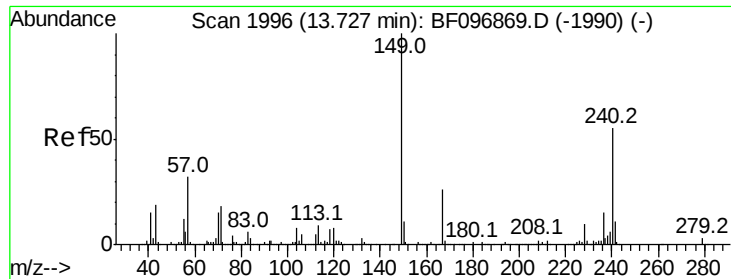
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#82
 Chrysene
 Concen: 54.290 ng
 RT: 13.67 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.6	15.8	23.6





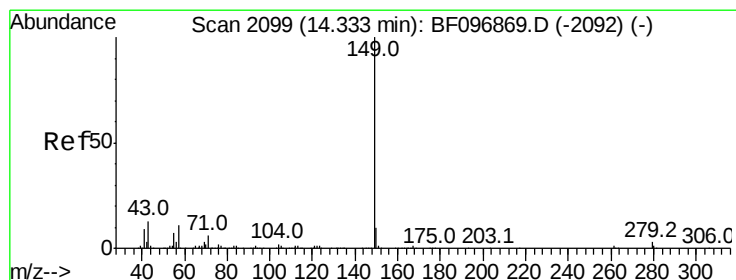
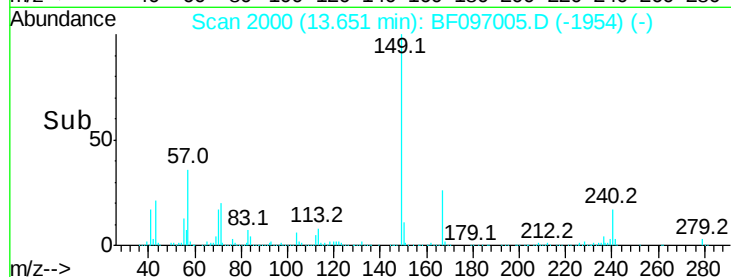
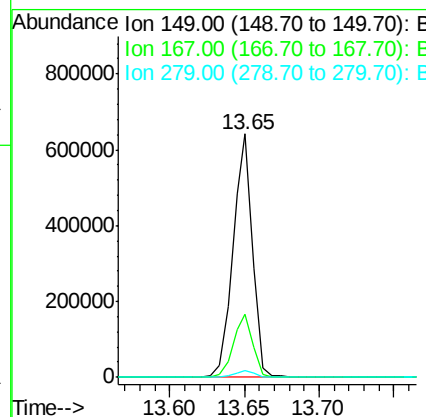
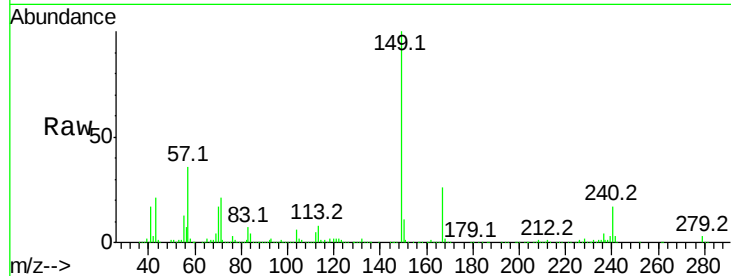
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.300 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	591917		
167	25.7	21.0	31.4	
279	2.7	1.9	2.9	

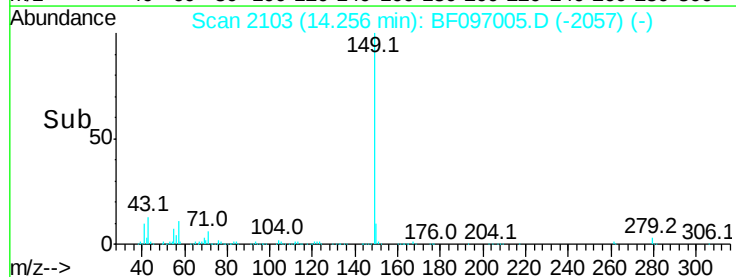
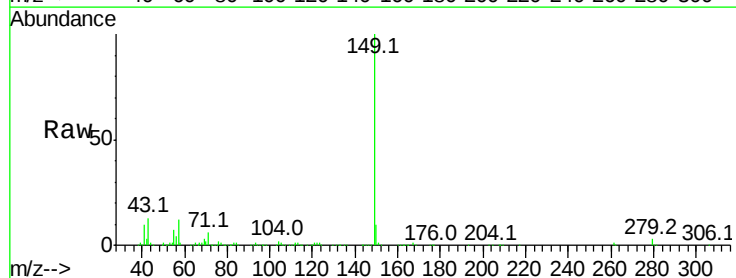
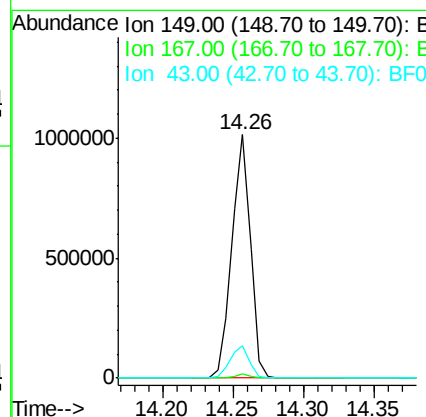
Manual Integrations
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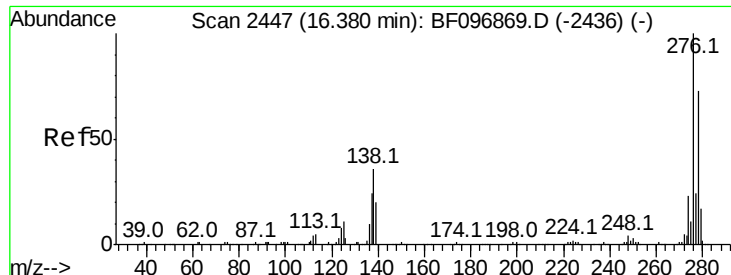
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 7/25/2017 5:36:30 PM



#84
 Di-n-octyl phthalate
 Concen: 54.297 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	927166		
167	1.5	1.2	1.8	
43	13.6	8.5	12.7#	





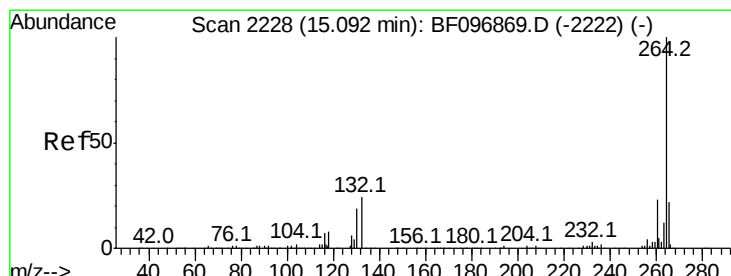
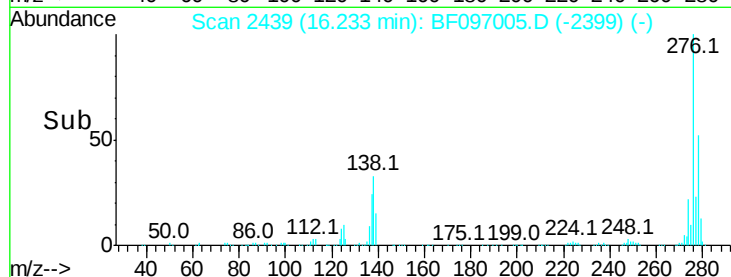
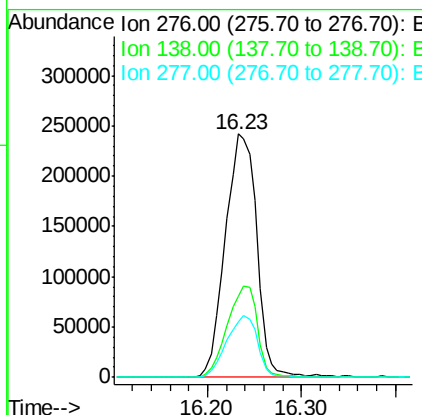
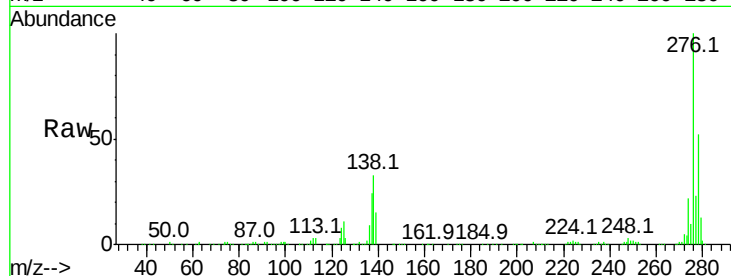
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.733 ng
RT: 16.23 min Scan# 2439
Delta R.T. -0.06 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	25.1	20.2	30.4

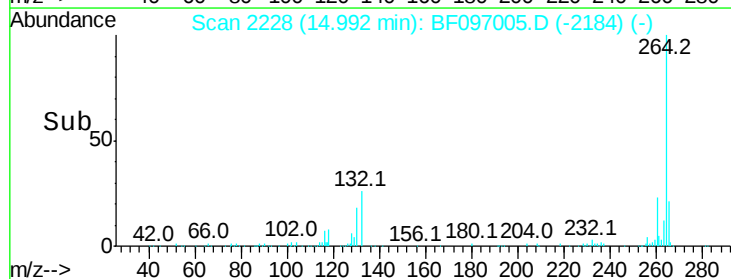
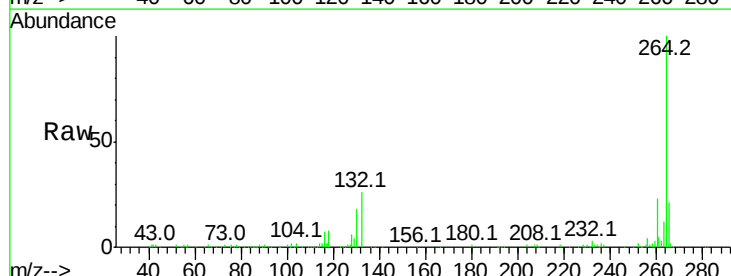
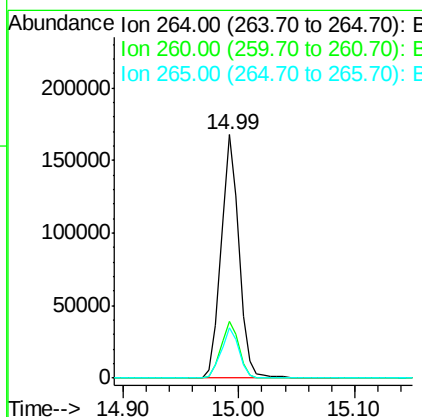
Manual Integrations
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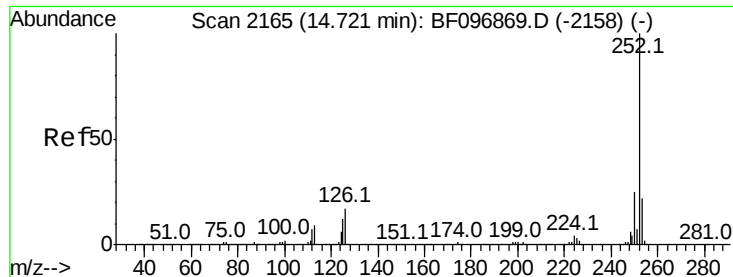
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.99 min Scan# 2228
Delta R.T. -0.04 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 51.673 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

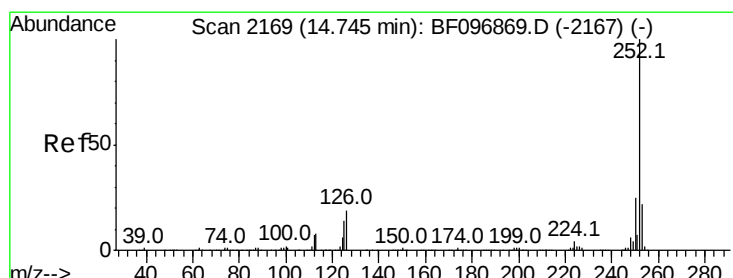
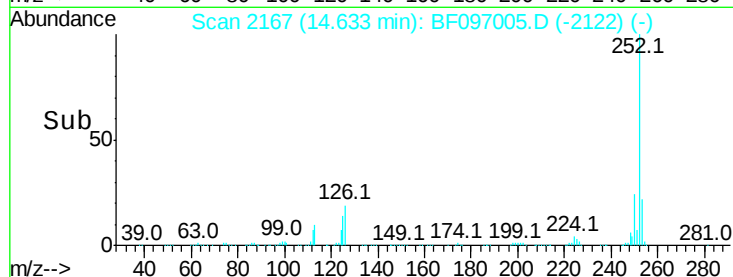
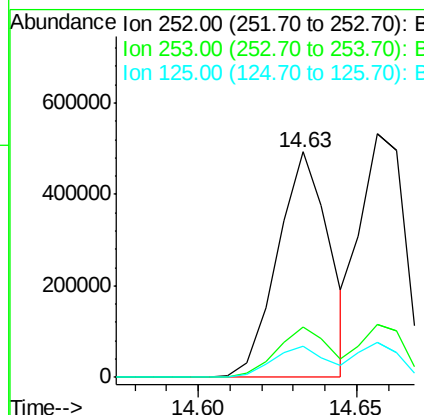
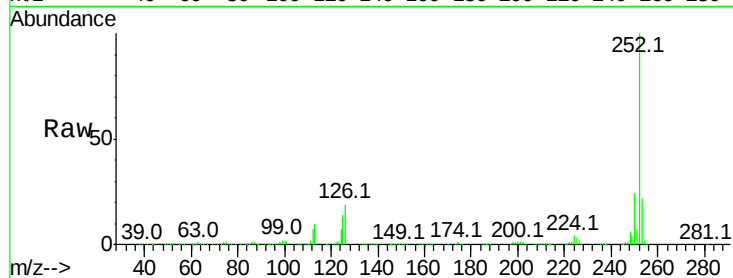
ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	252	Resp:	561098
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	14.0	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 50.888 ng

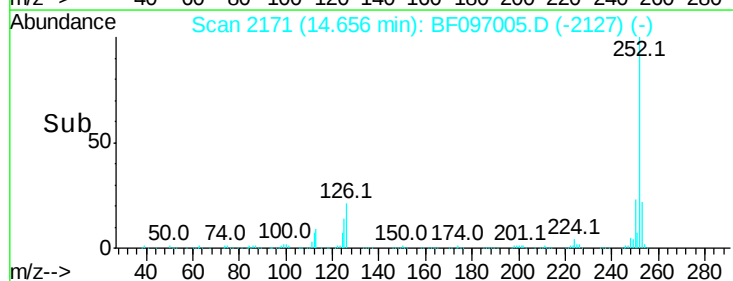
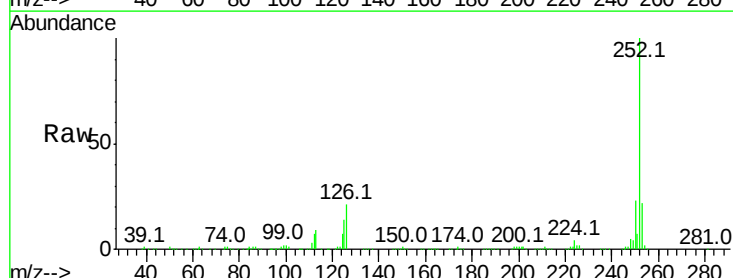
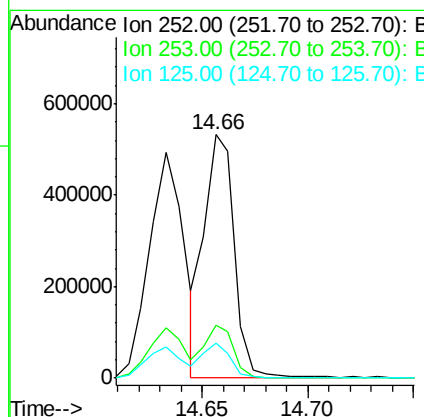
RT: 14.66 min Scan# 2171

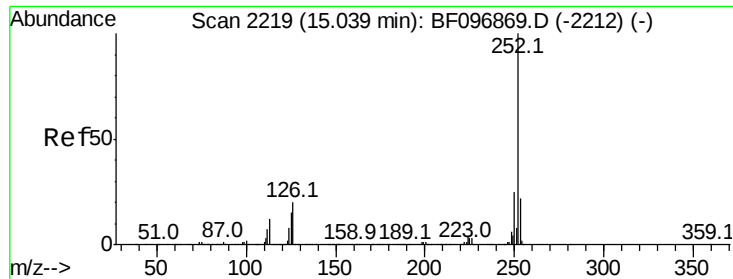
Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	252	Resp:	523262
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	14.4	13.1	19.7





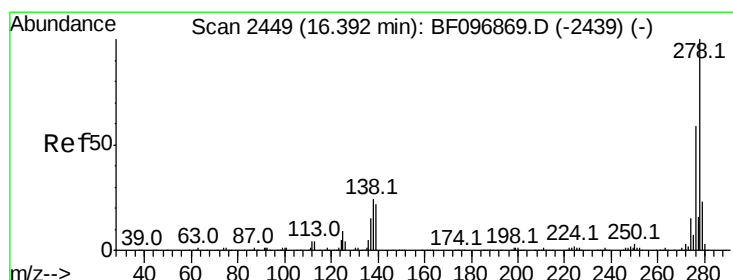
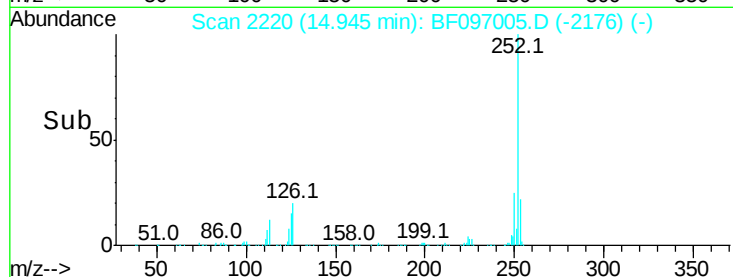
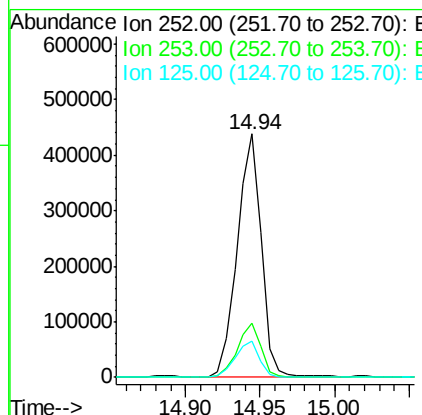
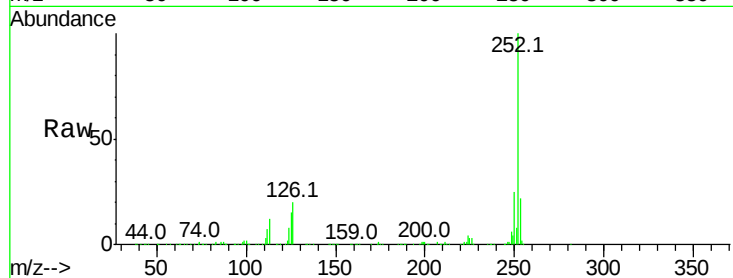
#89
Benzo(a)pyrene
Concen: 49.833 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.9	11.0	16.4

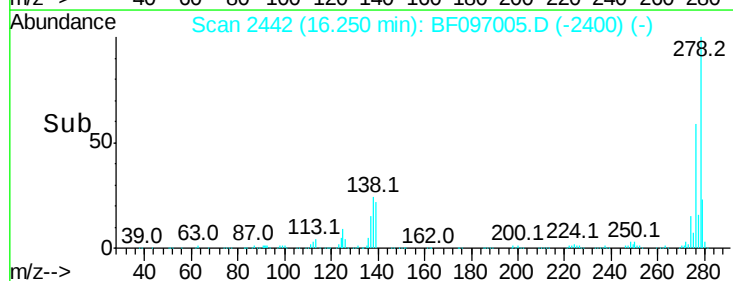
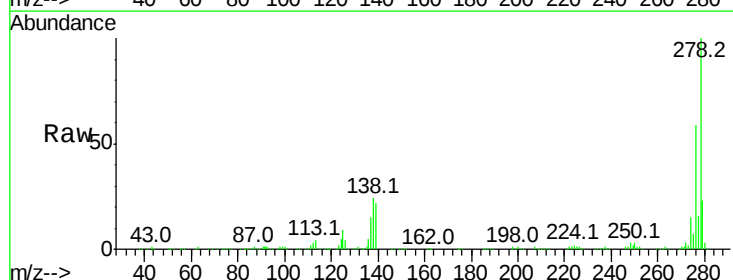
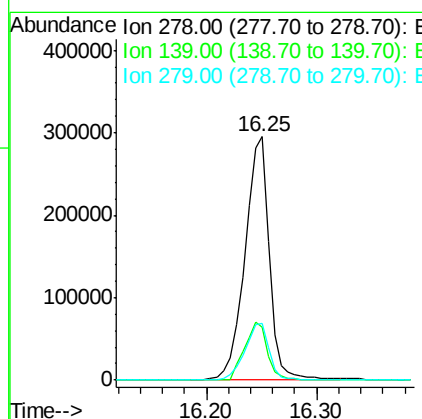
Manual Integrations
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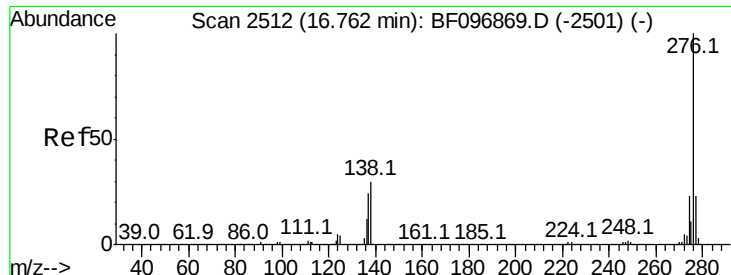
Sohil
7/25/2017 5:36:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.225 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.05 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.1	19.3	28.9





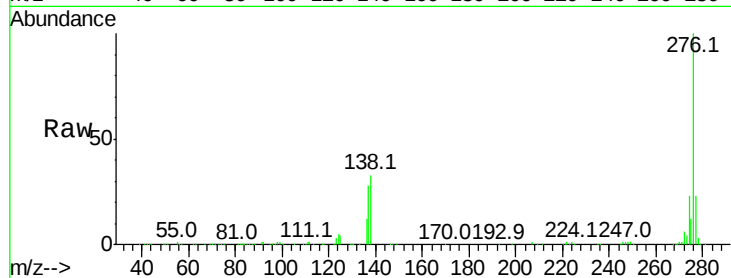
#91
 Benzo(a,h,i)perylene
 Concen: 50.998 ng
 RT: 16.60 min Scan# 2502
 Delta R.T. -0.06 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	33.0	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:30 PM



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

