

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096872.D
 Acq On : 19 Jul 2017 16:15
 Operator : SJ/JU
 Sample : PB100755BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Manual Integrations
 APPROVED

Sohil
 7/20/2017 5:09:15 PM

Quant Time: Jul 20 07:33:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	98720	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	359651	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	164110	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	288853	20.00	ng	0.00
75) Chrysene-d12	13.72	240	179506	20.00	ng	-0.01
86) Perylene-d12	15.09	264	157171	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	788997	120.17	ng	0.00
7) Phenol-d6	6.25	99	1031490	130.92	ng	0.00
23) Nitrobenzene-d5	7.16	82	530866	91.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	200181	142.90	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	993463	95.64	ng	-0.01
78) Terphenyl-d14	12.68	244	825969	79.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	123977	36.697	ng	# 74
3) Pyridine	2.90	79	301043	42.400	ng	# 59
4) n-Nitrosodimethylamine	2.85	42	195263	49.178	ng	82
6) Aniline	6.25	93	312101	32.158	ng	# 34
8) 2-Chlorophenol	6.38	128	319334	45.084	ng	99
9) Benzaldehyde	6.13	77	114007	25.035	ng	99
10) Phenol	6.26	94	385572	43.289	ng	84
11) bis(2-Chloroethyl)ether	6.33	93	306402	45.746	ng	90
12) 1,3-Dichlorobenzene	6.53	146	335708	44.588	ng	99
13) 1,4-Dichlorobenzene	6.60	146	335482	43.999	ng	95
14) 1,2-Dichlorobenzene	6.76	146	270792	39.047	ng	99
15) Benzyl Alcohol	6.74	79	217288	42.124	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	505266	36.553	ng	96
17) 2-Methylphenol	6.86	107	217352	39.461	ng	96
18) Hexachloroethane	7.10	117	104080	38.496	ng	# 80
19) n-Nitroso-di-n-propylamine	7.02	70	183031	38.559	ng	89
20) 3+4-Methylphenols	7.02	107	279431	41.807	ng	# 67
22) Acetophenone	7.00	105	370637	46.109	ng	# 97
24) Nitrobenzene	7.17	77	266517	44.381	ng	90
25) Isophorone	7.42	82	483746	44.785	ng	95
26) 2-Nitrophenol	7.49	139	154145	46.164	ng	94
27) 2,4-Dimethylphenol	7.55	122	252806	46.021	ng	95
28) bis(2-Chloroethoxy)methane	7.63	93	324276	44.428	ng	98
29) 2,4-Dichlorophenol	7.74	162	231278	46.512	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	216725	45.841	ng	98
31) Naphthalene	7.89	128	789396	46.333	ng	99
32) Benzoic acid	7.69	122	166523	47.429	ng	92
33) 4-Chloroaniline	7.95	127	197856	29.311	ng	97
34) Hexachlorobutadiene	8.02	225	110892	43.938	ng	95
35) Caprolactam	8.33	113	79516m	49.908	ng	
36) 4-Chloro-3-methylphenol	8.45	107	246600	46.123	ng	89
37) 2-Methylnaphthalene	8.59	142	544051	50.088	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	190560	42.955	ng	99
40) Hexachlorocyclopentadiene	8.75	237	169352	100.160	ng	98

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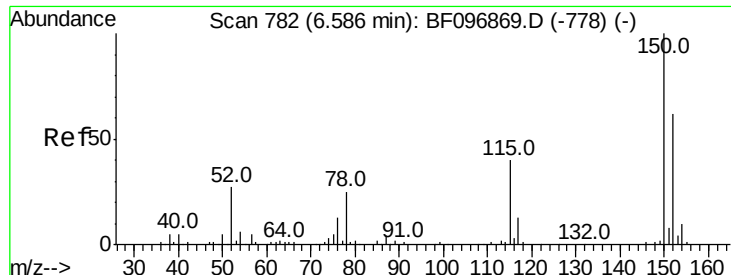
Manual Integrations
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 7/20/2017 5:09:15 PM

Quant Time: Jul 20 07:33:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	145920	44.592	nq	94
43) 2,4,5-Trichlorophenol	8.92	196	151664	45.955	nq	93
45) 1,1'-Biphenyl	9.05	154	606226	43.072	nq	99
46) 2-Chloronaphthalene	9.07	162	474753	45.808	nq	94
47) 2-Nitroaniline	9.17	65	170337	47.814	nq	97
48) Acenaphthylene	9.49	152	756569	45.816	nq	98
49) Dimethylphthalate	9.36	163	573993	46.451	nq	99
50) 2,6-Dinitrotoluene	9.42	165	126701	47.338	nq #	85
51) Acenaphthene	9.66	154	436287	44.724	nq	98
52) 3-Nitroaniline	9.58	138	98588	31.093	nq	90
53) 2,4-Dinitrophenol	9.70	184	118102	88.348	nq #	71
54) Dibenzofuran	9.83	168	647857	47.392	nq	99
55) 4-Nitrophenol	9.76	139	192724	83.198	nq #	61
56) 2,4-Dinitrotoluene	9.82	165	163096	47.421	nq #	73
57) Fluorene	10.17	166	489635	48.471	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	117710	51.428	nq	99
59) Diethylphthalate	10.06	149	542807	45.123	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	202766	49.950	nq	97
61) 4-Nitroaniline	10.19	138	145855	48.986	nq	90
62) Azobenzene	10.32	77	515076	48.536	nq	92
64) 4,6-Dinitro-2-methylphenol	10.23	198	84890	46.808	nq #	77
65) n-Nitrosodiphenylamine	10.29	169	456697	44.231	nq	98
66) 4-Bromophenyl-phenylether	10.65	248	133539	45.282	nq	95
67) Hexachlorobenzene	10.72	284	143990	43.838	nq #	88
68) Atrazine	10.82	200	134725	45.798	nq	95
69) Pentachlorophenol	10.92	266	131939	83.150	nq	98
70) Phenanthrene	11.12	178	730667	46.522	nq	99
71) Anthracene	11.17	178	750762	47.278	nq	99
72) Carbazole	11.33	167	713161	46.376	nq	99
73) Di-n-butylphthalate	11.67	149	863606	45.093	nq	99
74) Fluoranthene	12.30	202	730301	48.579	nq	99
76) Benzidine	12.43	184	320319m	54.470	nq	
77) Pyrene	12.53	202	742711	45.590	nq	100
79) Butylbenzylphthalate	13.16	149	353923	45.724	nq #	83
80) Benzo(a)anthracene	13.71	228	540906	48.362	nq	98
81) 3,3'-Dichlorobenzidine	13.68	252	119082	29.608	nq #	95
82) Chrysene	13.75	228	513361	46.624	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	437781	46.442	nq	100
84) Di-n-octyl phthalate	14.33	149	724921	46.523	nq	95
85) Indeno(1,2,3-cd)pyrene	16.38	276	440576	42.536	nq	99
87) Benzo(b)fluoranthene	14.72	252	426923	45.038	nq	97
88) Benzo(k)fluoranthene	14.74	252	417900m	46.556	nq	
89) Benzo(a)pyrene	15.04	252	405854	46.681	nq	99
90) Dibenzo(a,h)anthracene	16.39	278	356006	44.501	nq	99
91) Benzo(g,h,i)perylene	16.76	276	384996	44.941	nq	98

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



#1

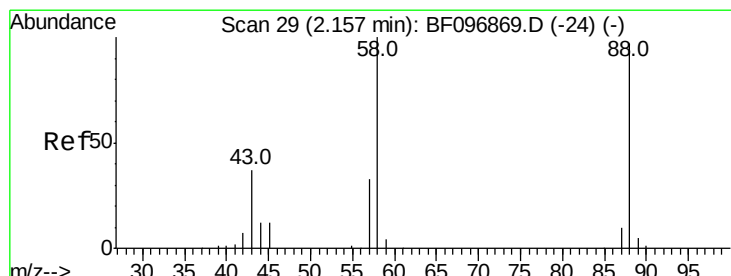
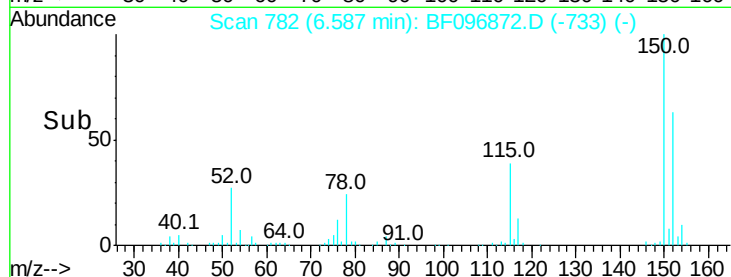
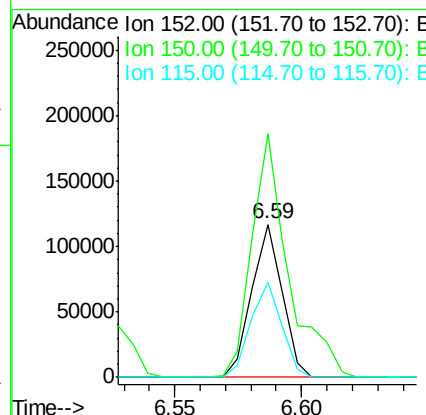
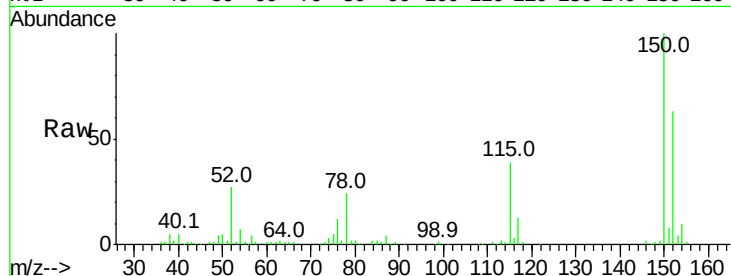
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	62.2	52.2	78.2

Manual Integrations
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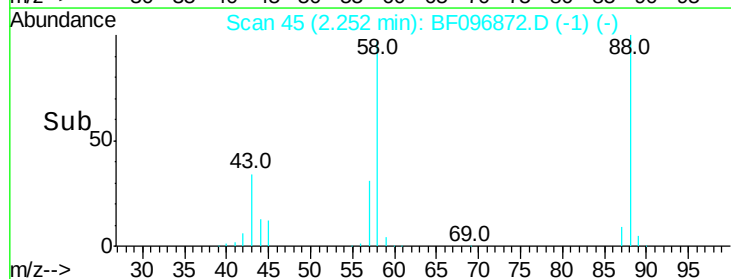
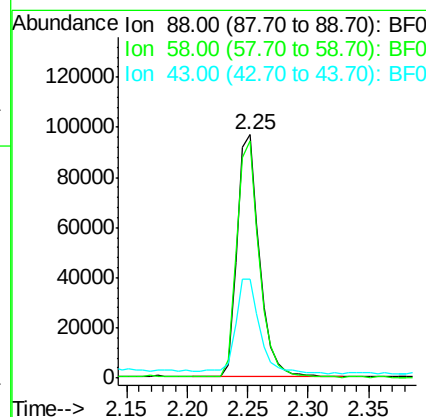
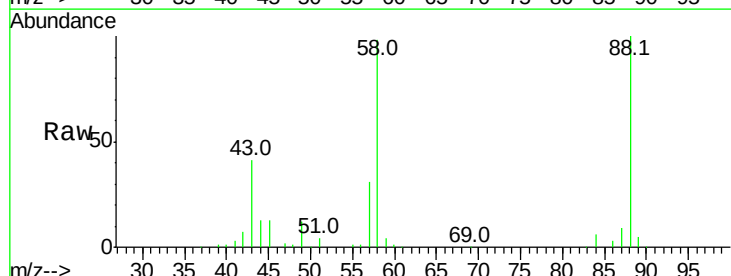
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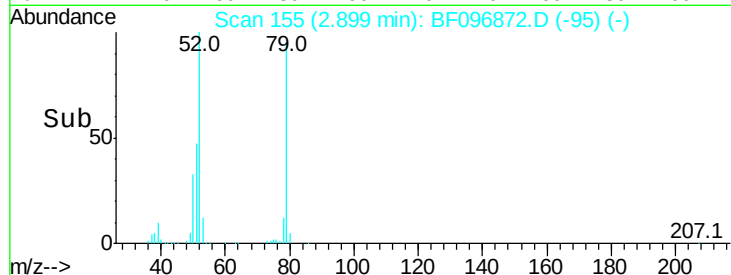
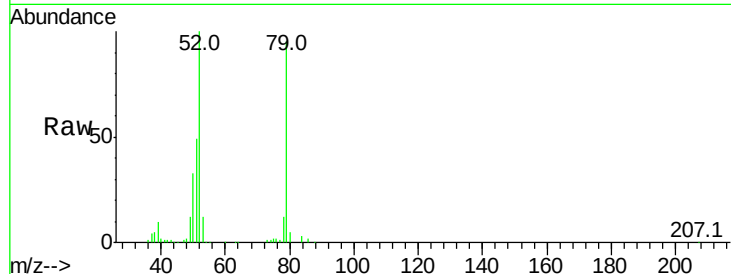
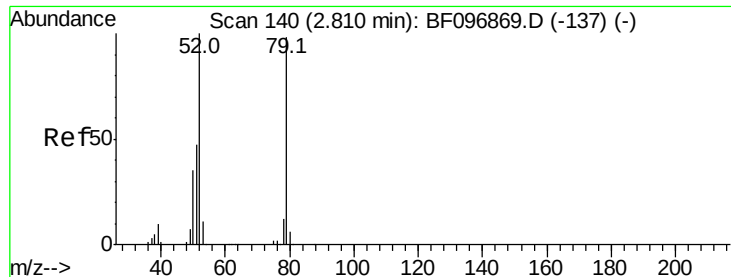


#2

1,4-Dioxane
Concen: 36.697 ng
RT: 2.25 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	61.4	92.0#
43	42.3	23.4	35.0#





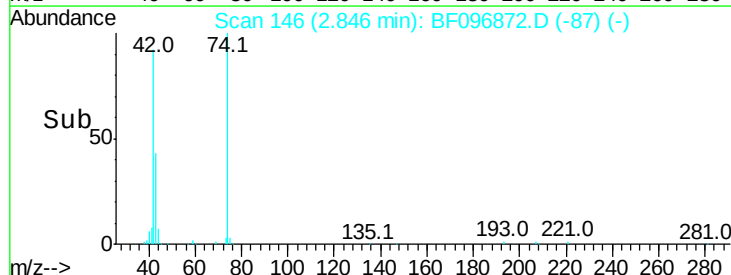
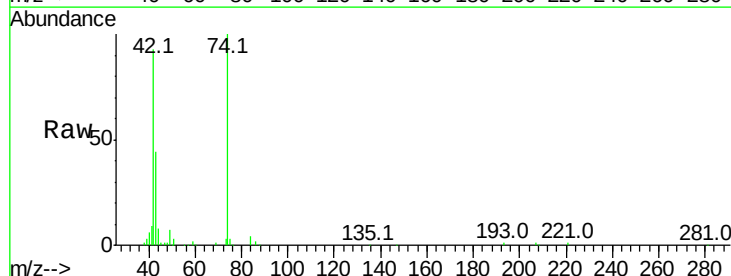
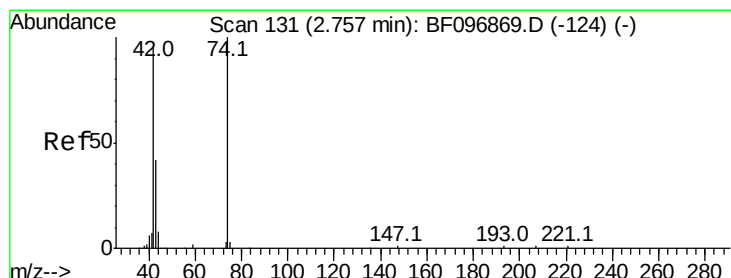
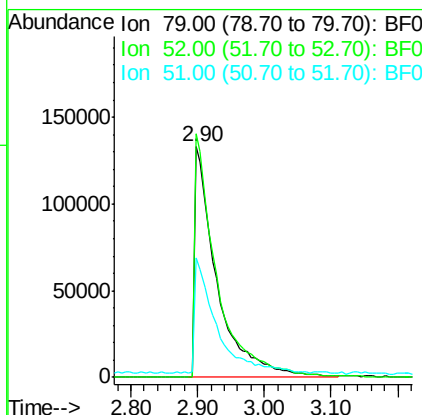
#3
Pvridine
Concen: 42.400 ng
RT: 2.90 min Scan# 155
Delta R.T. 0.05 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tot Ion: 79 Resp: 301043
Ion Ratio Lower Upper
79 100
52 105.5 54.8 82.2#
51 52.0 27.0 40.4#

Instrument :
BNA_F
ClientSampleId :
PB100755BS

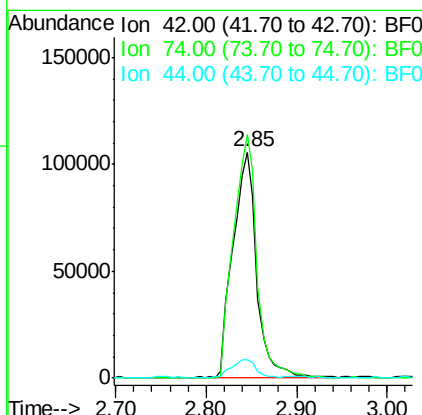
Manual Integrations
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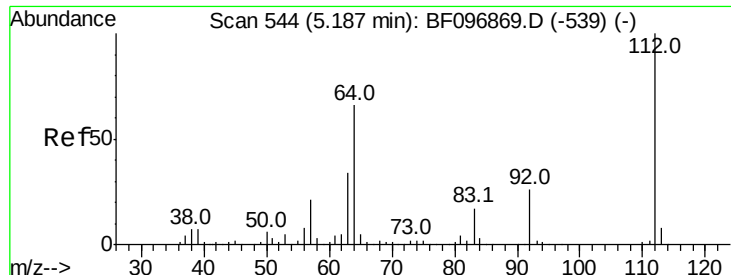
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#4
n-Nitrosodimethylamine
Concen: 49.178 ng
RT: 2.85 min Scan# 146
Delta R.T. 0.05 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion: 42 Resp: 195263
Ion Ratio Lower Upper
42 100
74 107.7 103.9 155.9
44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 120.170 ng

RT: 5.20 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

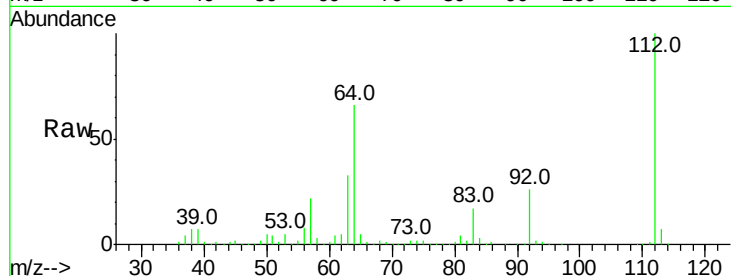
ClientSampleId :

PB100755BS

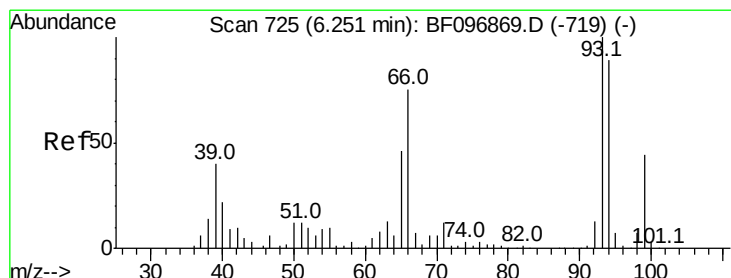
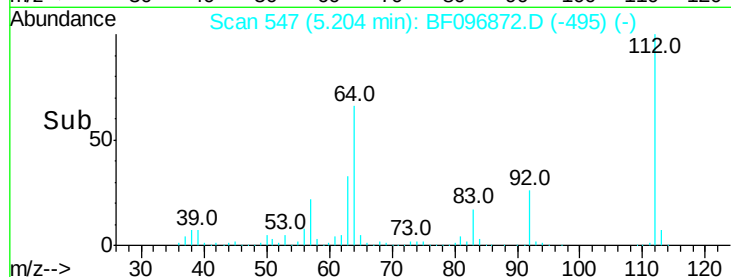
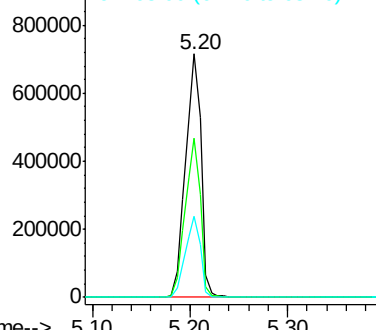
Tot Ion:	112	Resp:	788997
Ion Ratio	Lower	Upper	
112	100		
64	65.5	46.0	69.0
63	33.2	23.4	35.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.158 ng

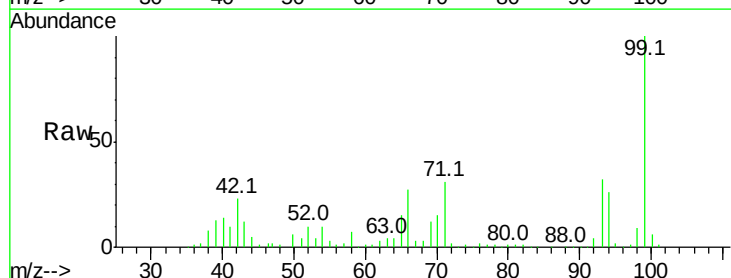
RT: 6.25 min Scan# 725

Delta R.T. -0.01 min

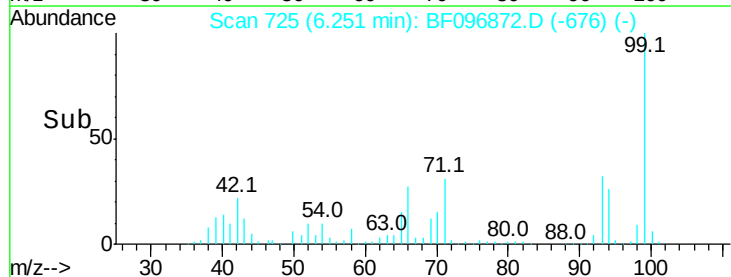
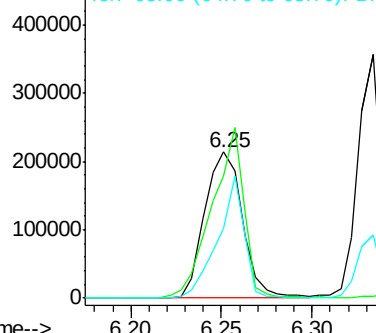
Lab File: BF096872.D

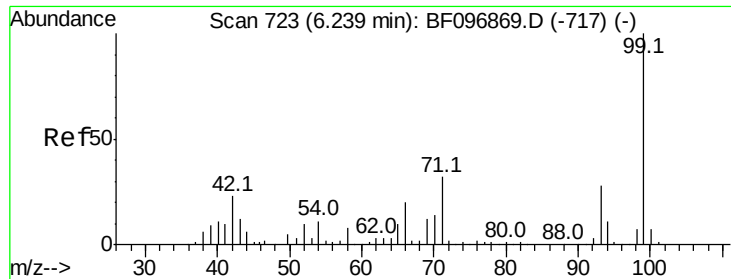
Acq: 19 Jul 2017 16:15

Tgt Ion:	93	Resp:	312101
Ion Ratio	Lower	Upper	
93	100		
66	84.0	32.9	49.3#
65	47.5	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.917 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB100755BS

Tot Ion: 99 Resp: 1031490

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

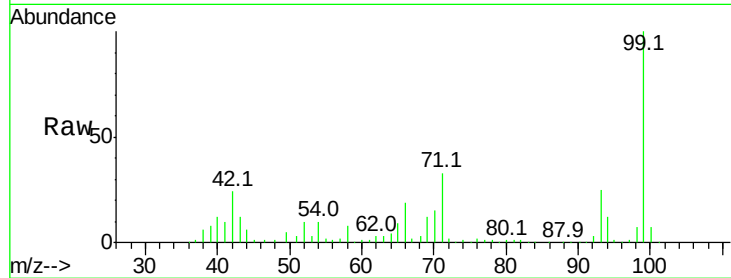
71 32.6 24.5 36.7

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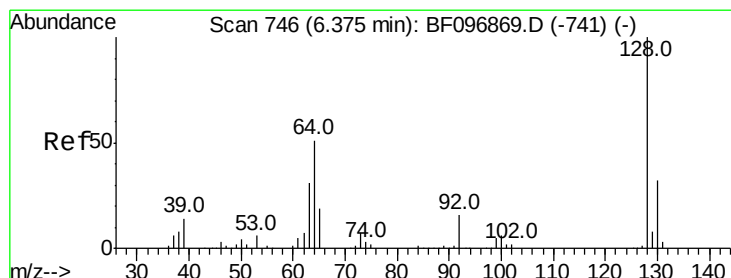
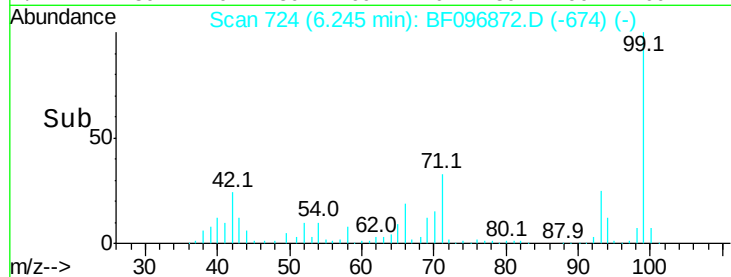
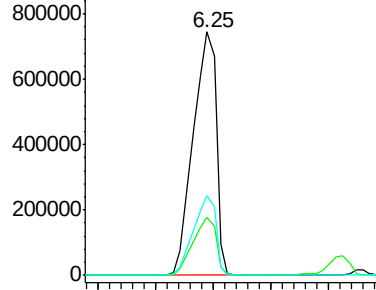
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.084 ng

RT: 6.38 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

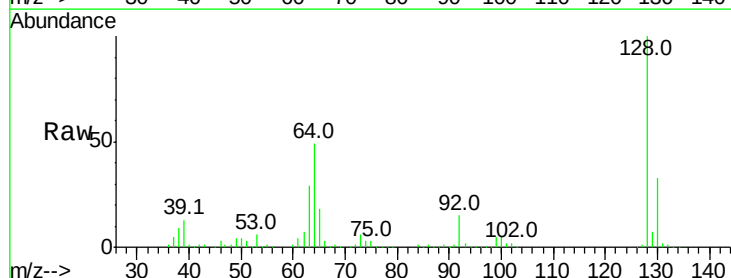
Tgt Ion:128 Resp: 319334

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

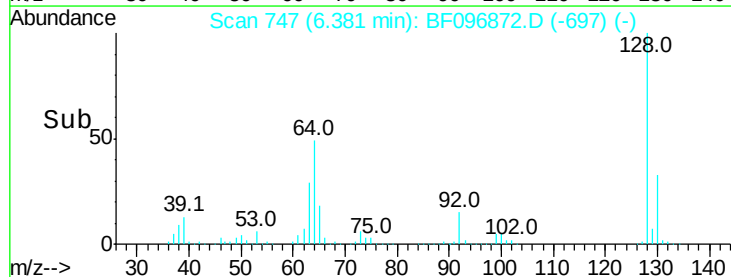
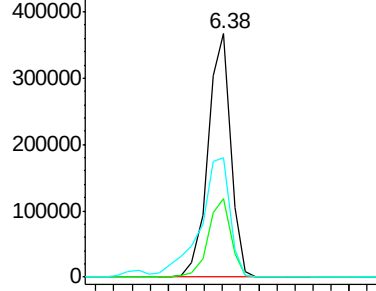
64 49.3 28.4 68.4

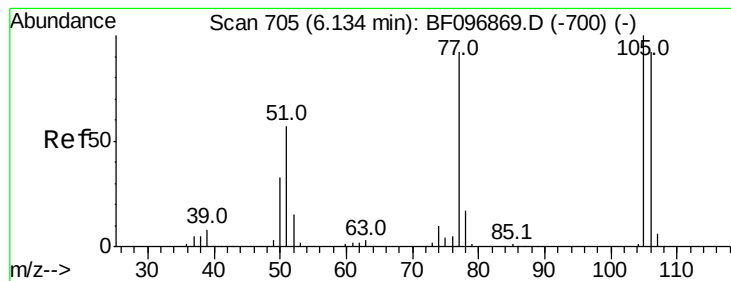


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.035 ng

RT: 6.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

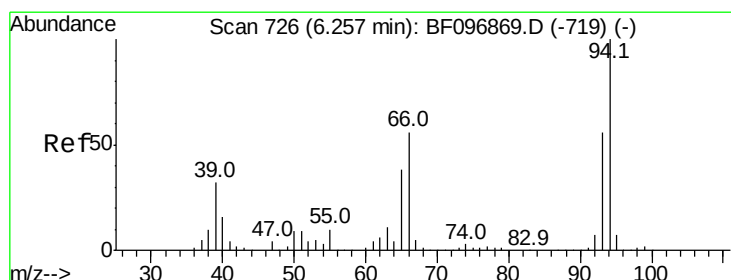
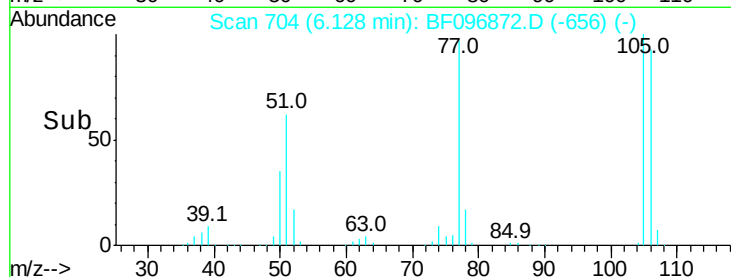
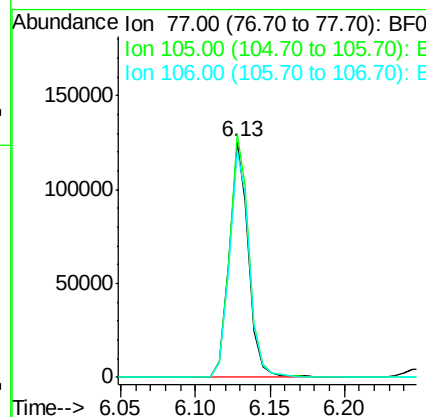
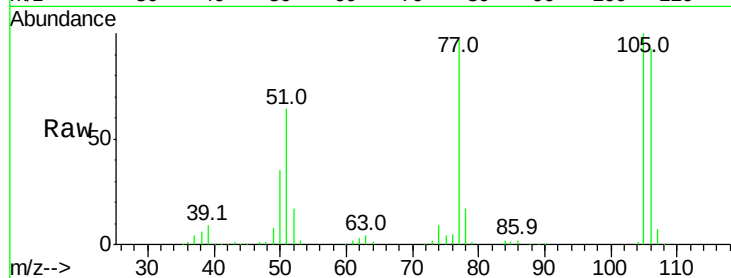
PB100755BS

Tot Ion: 77 Resp: 114007

Ion	Ratio	Lower	Upper
77	100		
105	103.6	83.8	123.8
106	96.8	79.1	119.1

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#10

Phenol

Concen: 43.289 ng

RT: 6.26 min Scan# 726

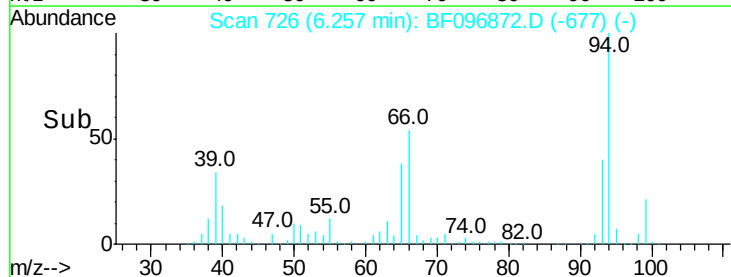
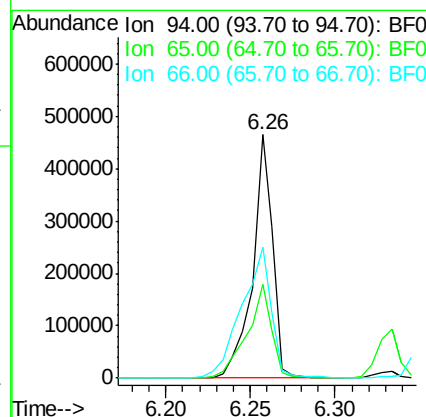
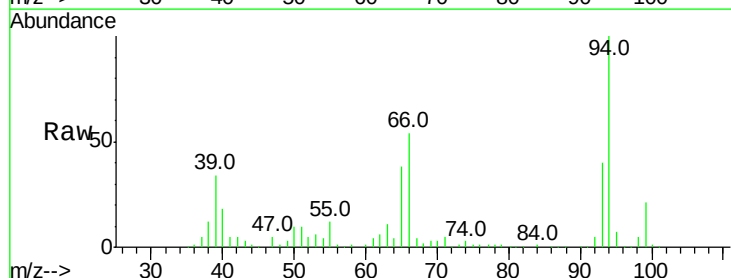
Delta R.T. -0.01 min

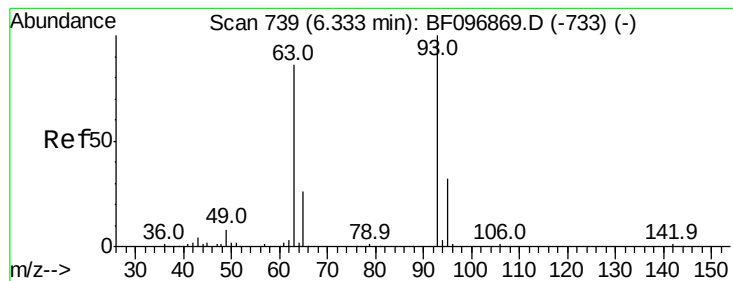
Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion: 94 Resp: 385572

Ion	Ratio	Lower	Upper
94	100		
65	38.3	9.9	49.9
66	53.7	23.1	63.1





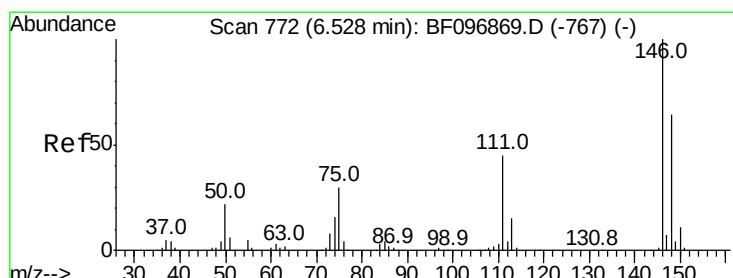
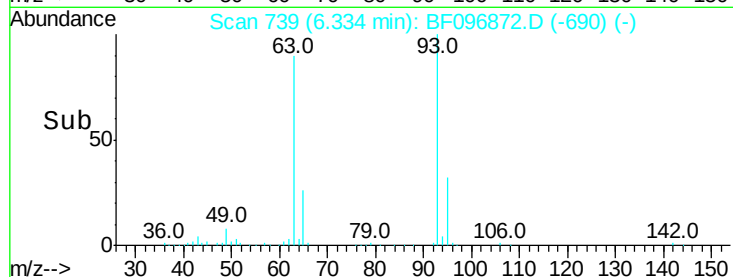
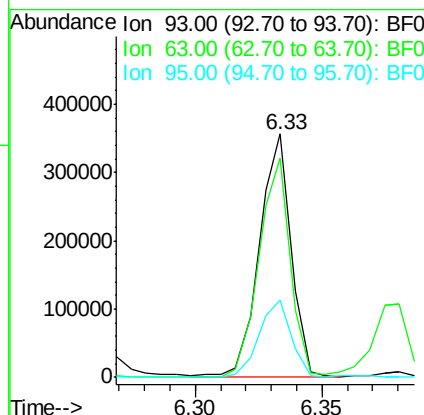
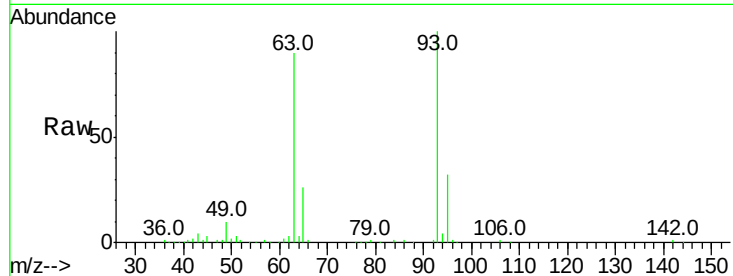
#11
bis(2-Chloroethyl)ether
Concen: 45.746 ng
RT: 6.33 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.3	59.2	99.2
95	31.7	12.8	52.8

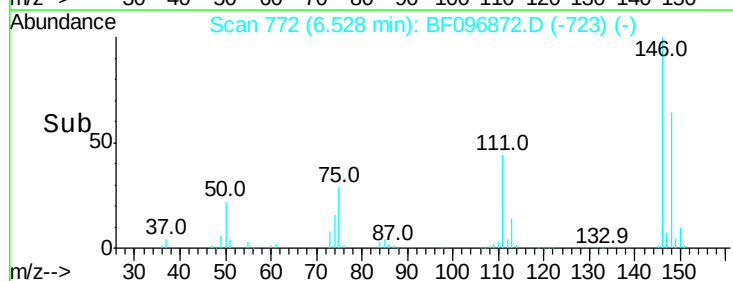
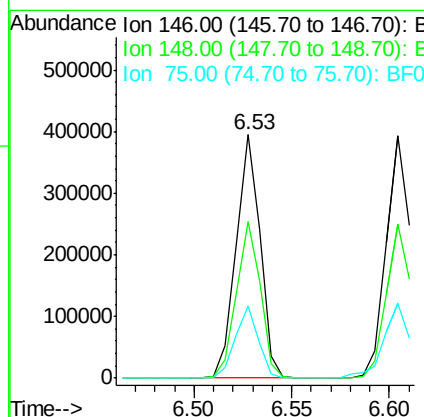
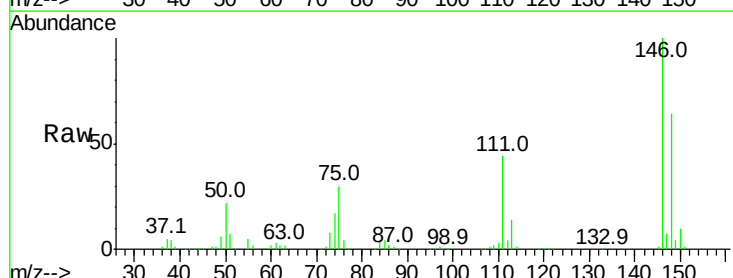
Manual Integrations
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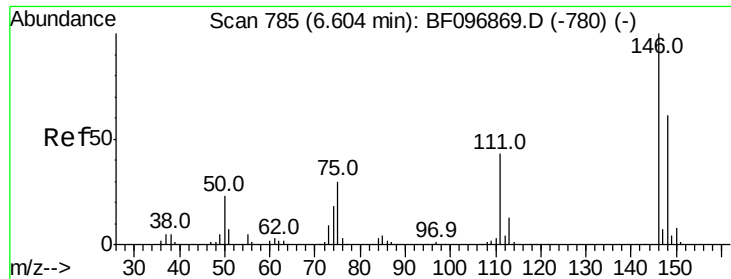
Sohil
7/20/2017 5:09:15 PM



#12
1,3-Dichlorobenzene
Concen: 44.588 ng
RT: 6.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	29.7	23.1	34.7





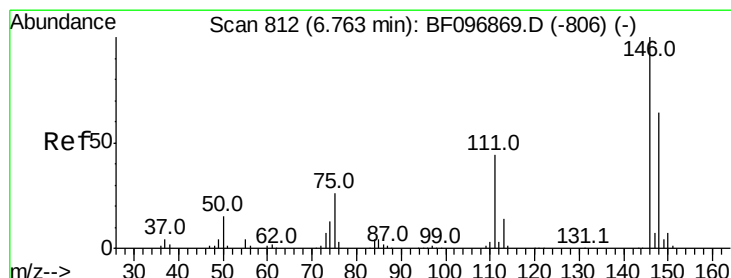
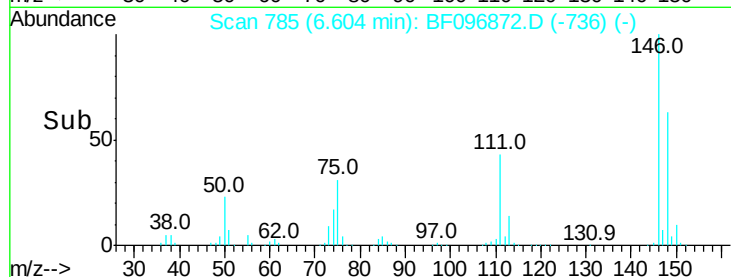
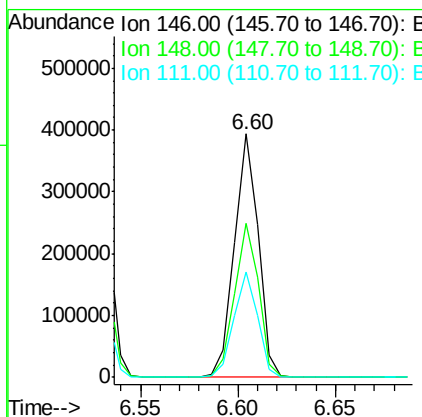
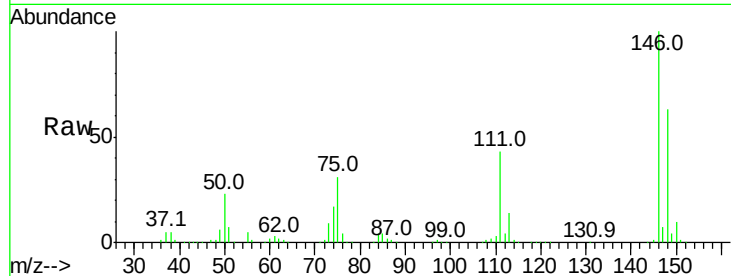
#13
 1,4-Dichlorobenzene
 Concen: 43.999 ng
 RT: 6.60 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampled :
 PB100755BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	43.3	30.3	45.5

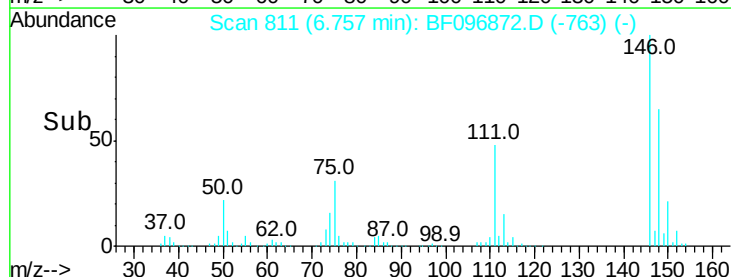
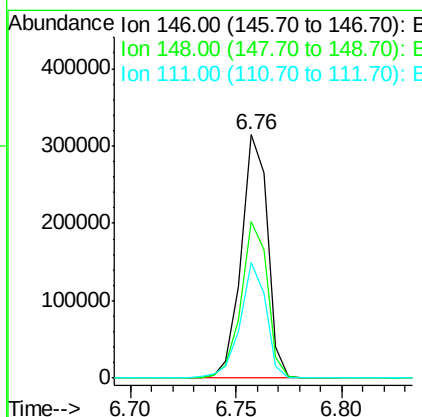
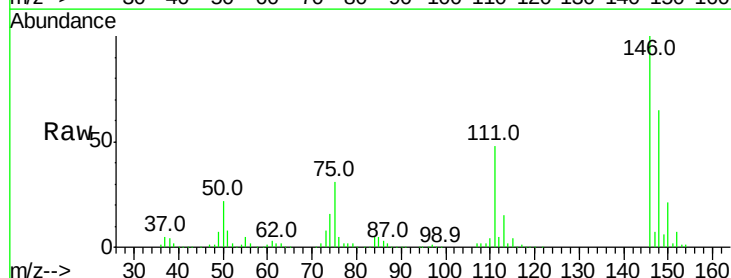
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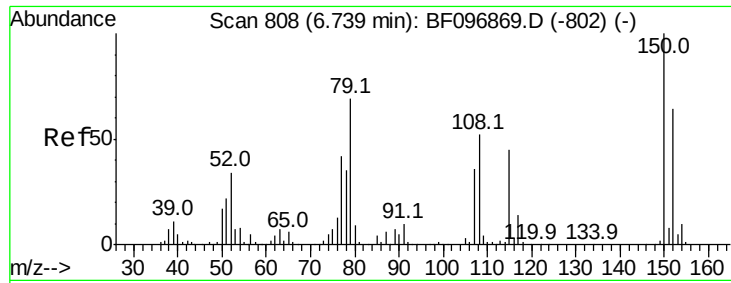
Sohil
 7/20/2017 5:09:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.047 ng
 RT: 6.76 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	47.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.124 ng

RT: 6.74 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB100755BS

Tot Ion: 79 Resp: 217288

Ion Ratio Lower Upper

79 100

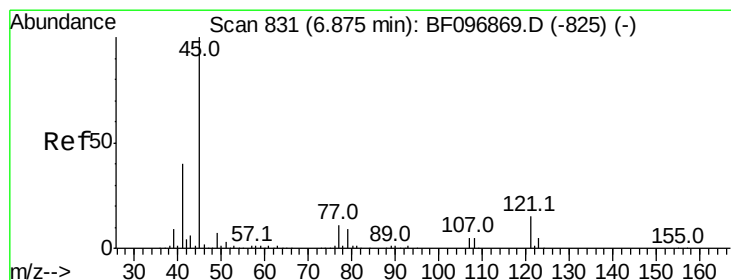
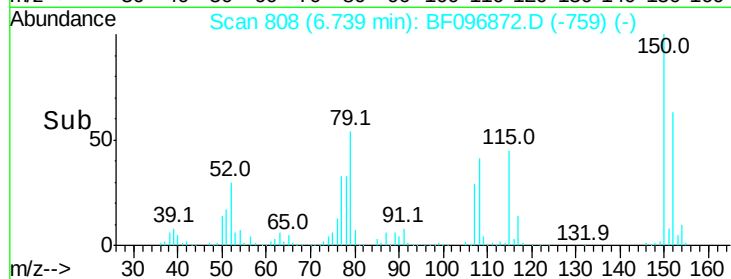
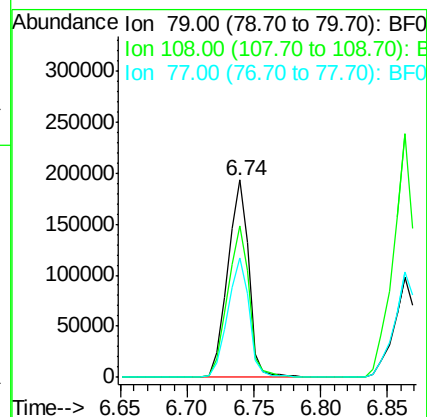
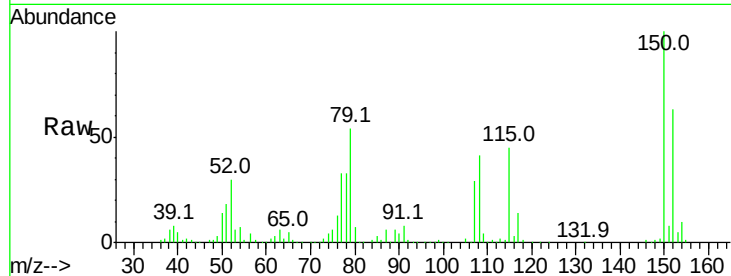
108 77.1 63.4 95.0

77 60.9 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.553 ng

RT: 6.87 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

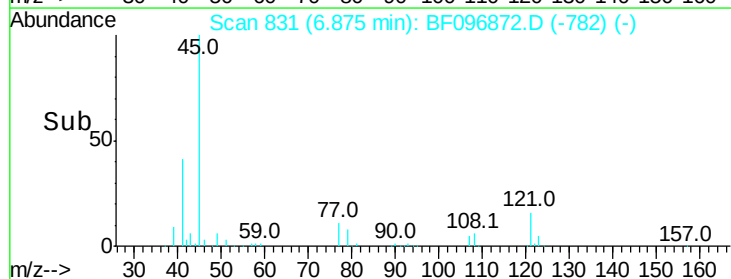
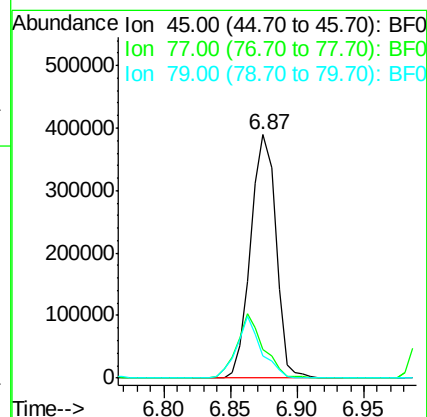
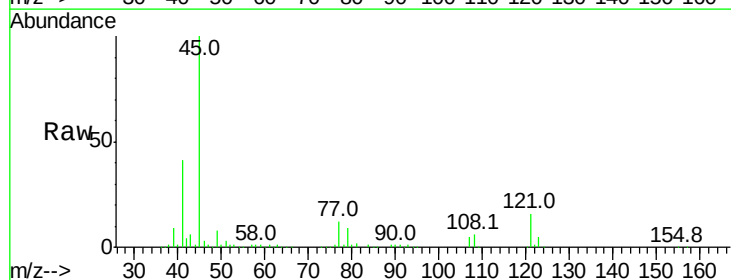
Tgt Ion: 45 Resp: 505266

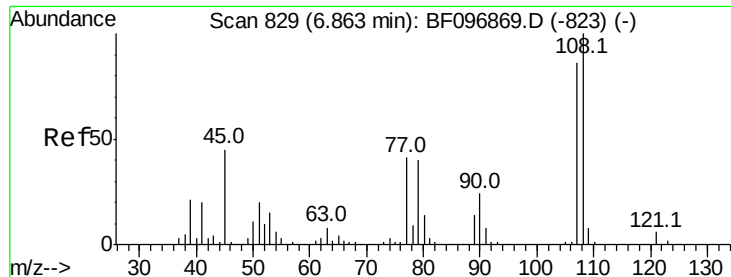
Ion Ratio Lower Upper

45 100

77 11.6 0.0 33.2

79 8.9 0.0 30.0





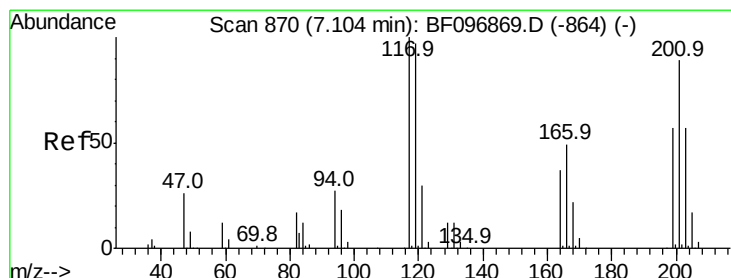
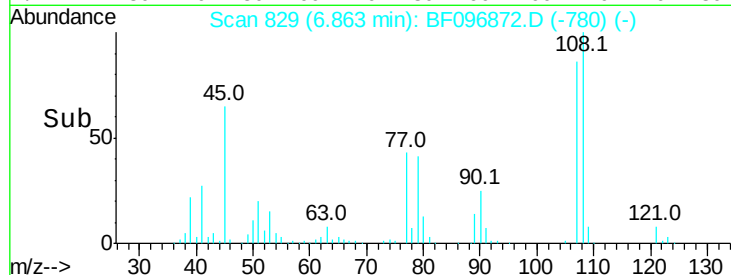
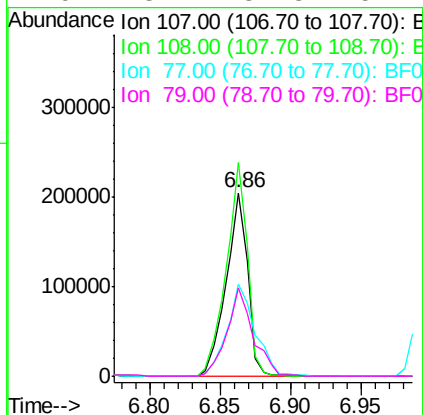
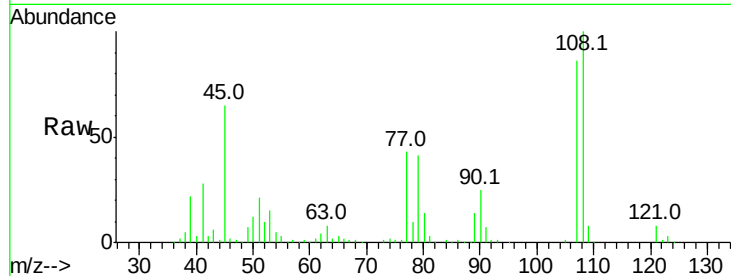
#17
2-Methylphenol
Concen: 39.461 ng
RT: 6.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.3	93.4	140.0	
77	50.5	35.8	53.6	
79	48.2	34.8	52.2	

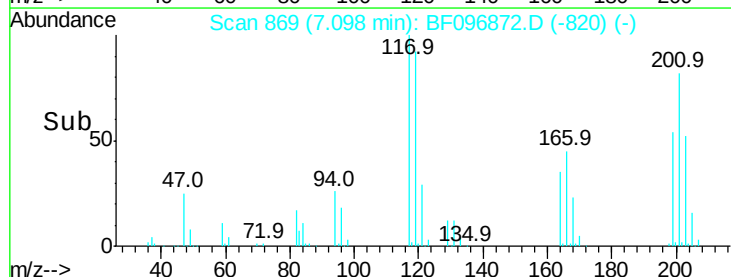
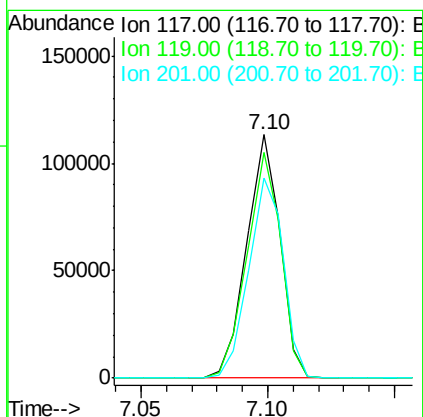
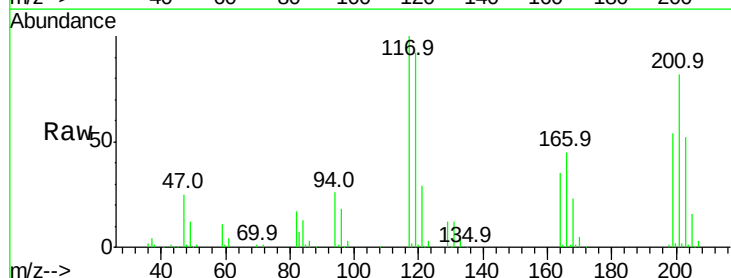
Manual Integrations
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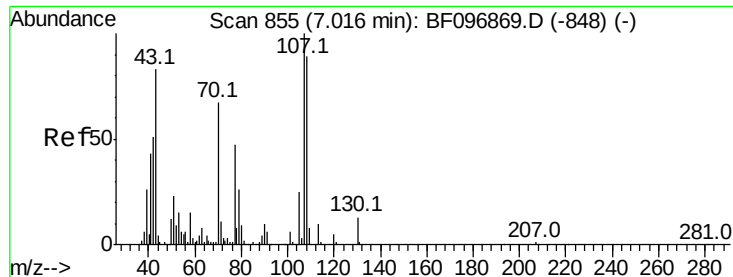
Sohil
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#18
Hexachloroethane
Concen: 38.496 ng
RT: 7.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	77.4	116.0	
201	82.0	94.6	141.8#	





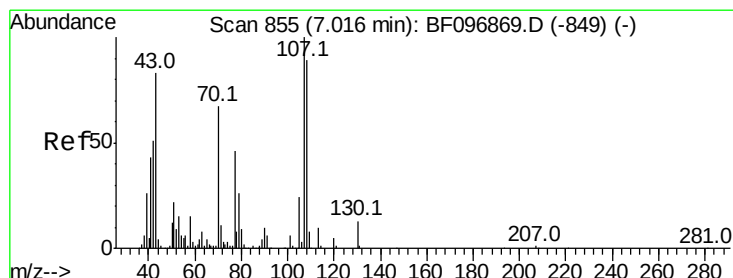
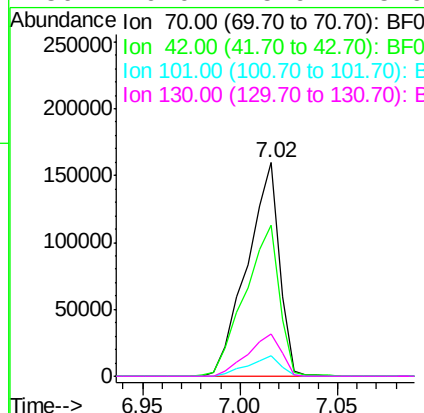
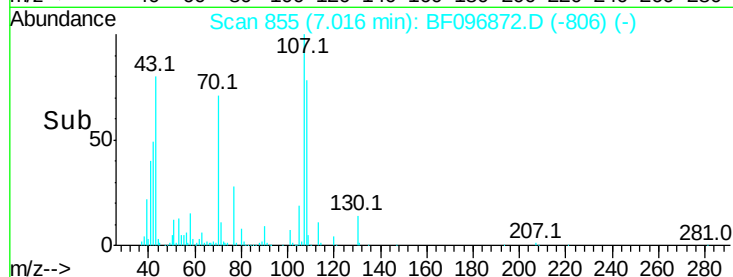
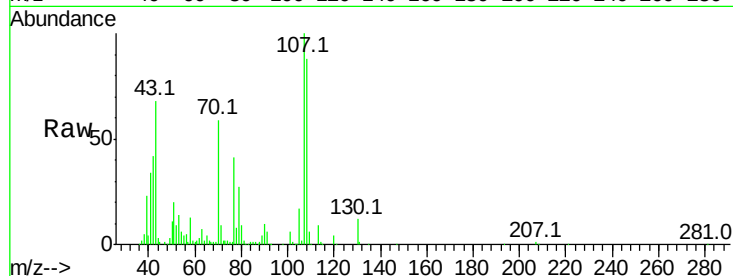
#19
n-Nitroso-di-n-propylamine
Concen: 38.559 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.5	47.2	70.8
101	9.4	7.2	10.8
130	20.0	15.9	23.9

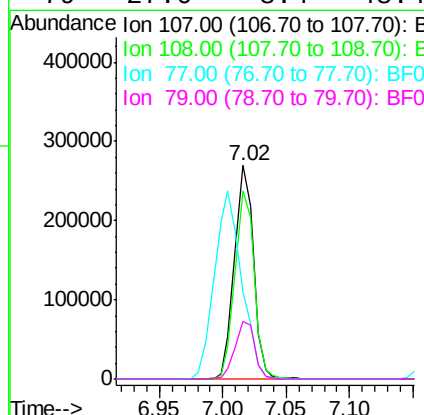
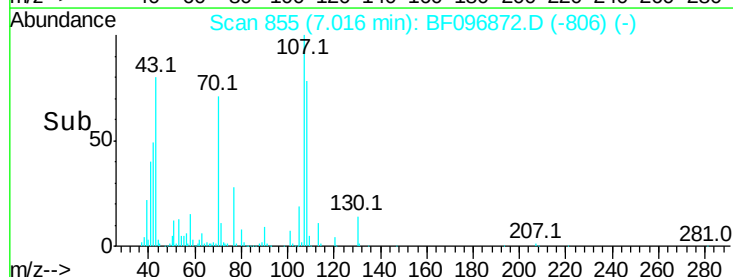
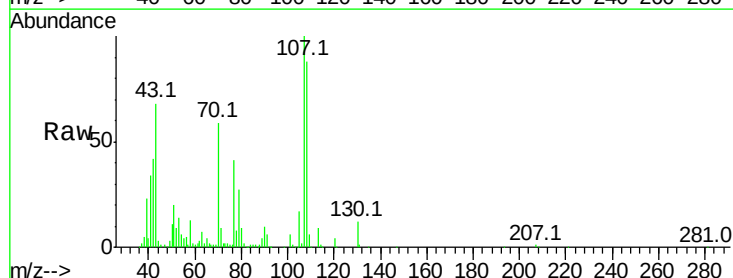
Manual Integrations
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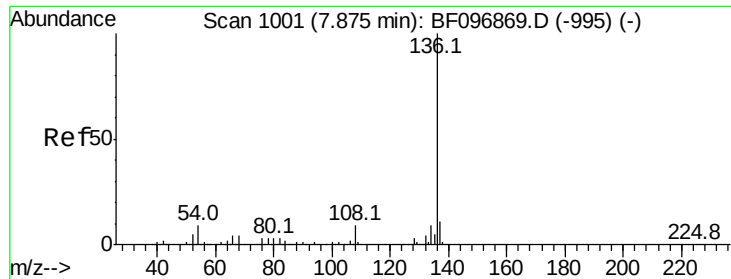
Sohil
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#20
3+4-Methylphenols
Concen: 41.807 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.0	111.0
77	40.7	90.5	130.5
79	27.0	8.4	48.4





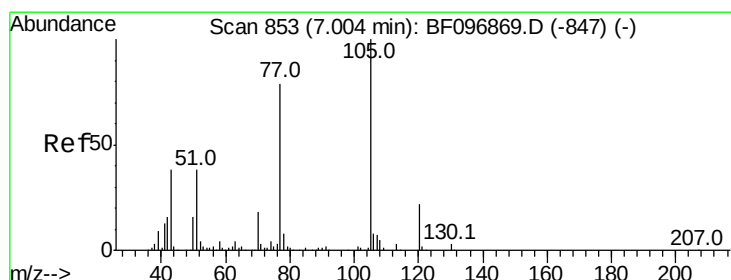
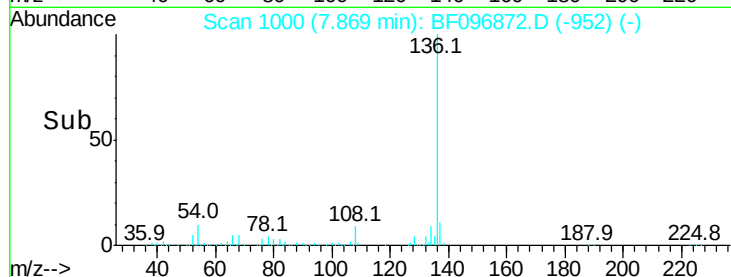
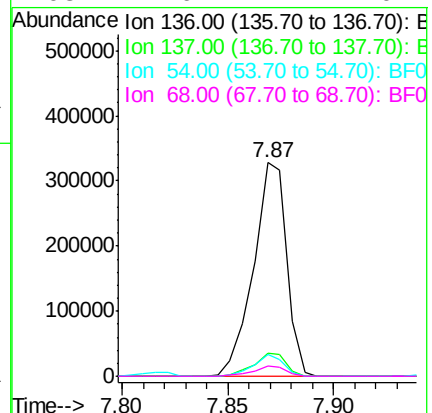
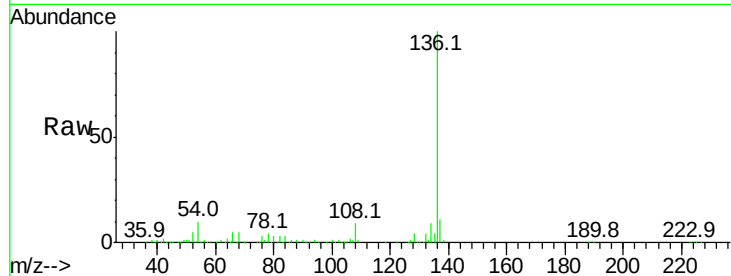
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	10.1	4.9	7.3#	
68	4.6	4.1	6.1	

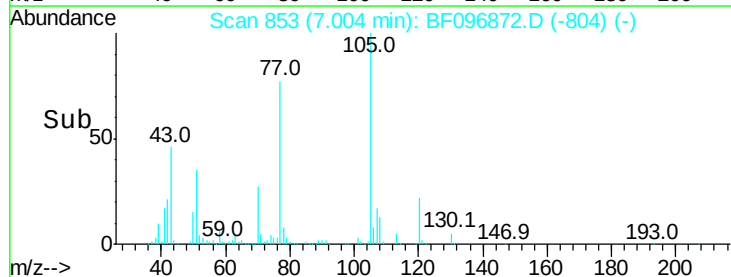
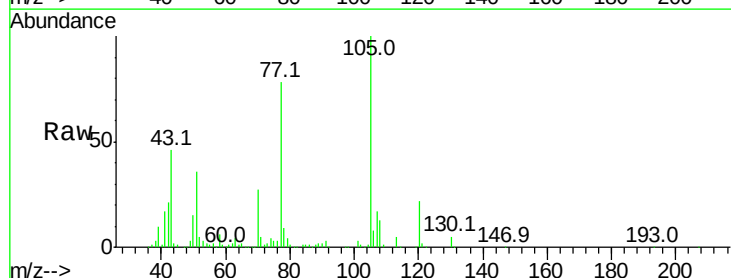
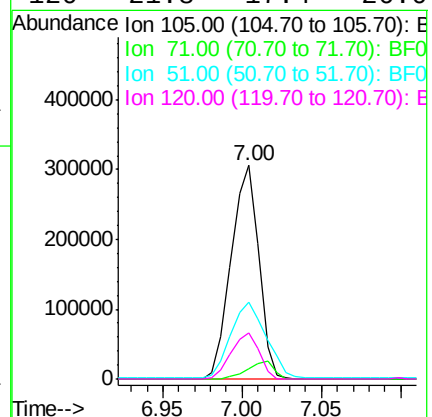
Manual Integrations
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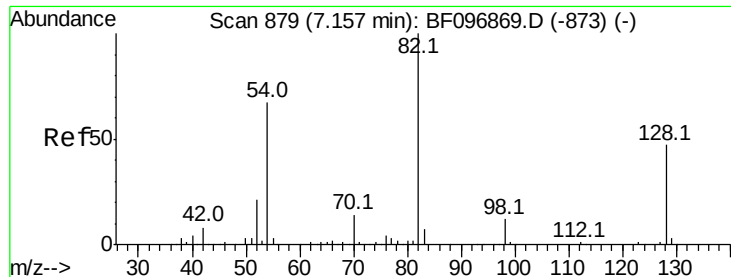
Sohil
7/20/2017 5:09:15 PM



#22
Acetophenone
Concen: 46.109 ng
RT: 7.00 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	2.8	4.2#	
51	36.0	30.7	46.1	
120	21.8	17.4	26.0	





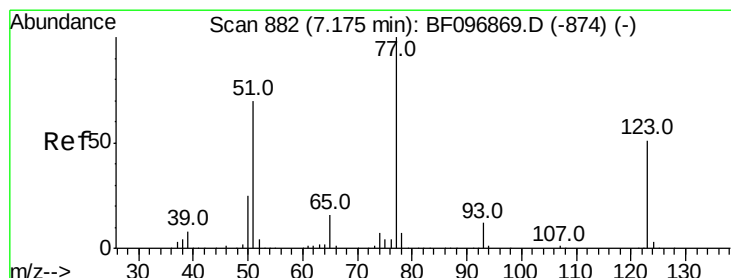
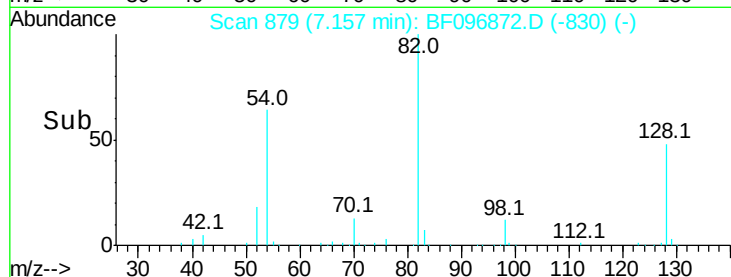
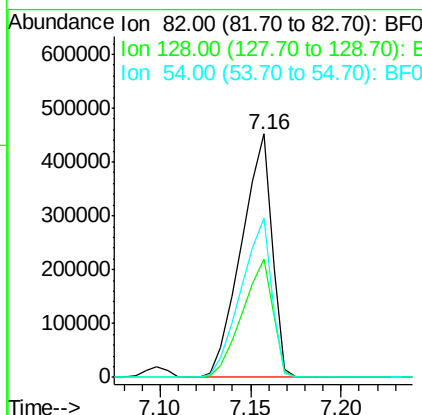
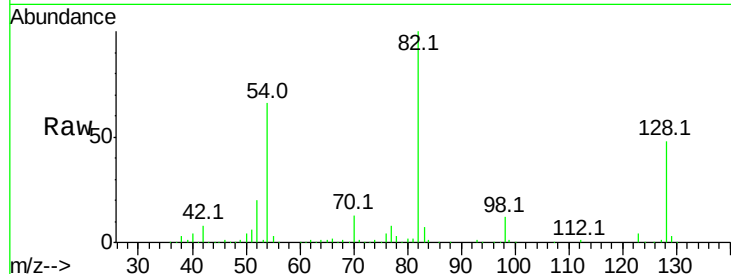
#23
 Nitrobenzene-d5
 Concen: 91.428 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	65.6	42.2	63.2#

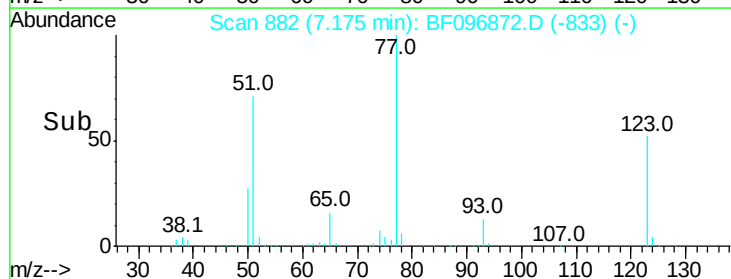
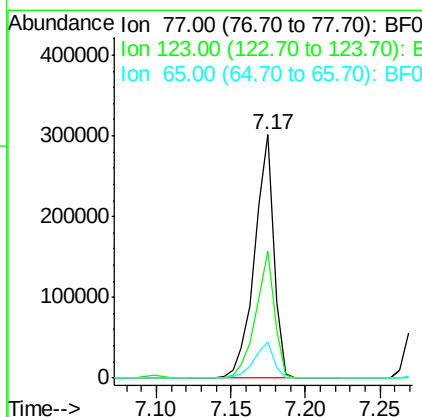
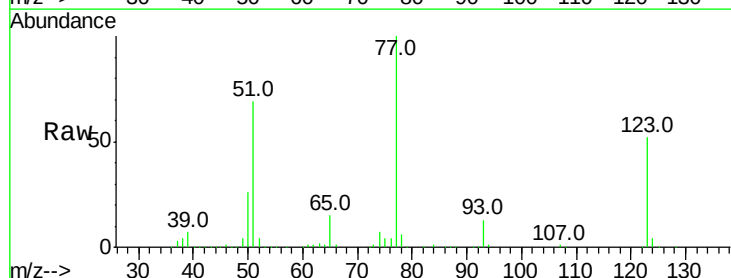
Manual Integrations
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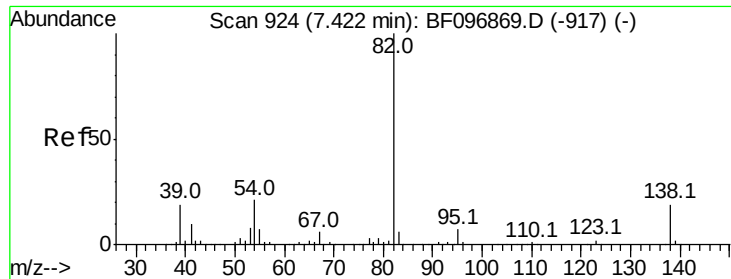
Sohil
 7/20/2017 5:09:15 PM



#24
 Nitrobenzene
 Concen: 44.381 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 44.785 ng

RT: 7.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

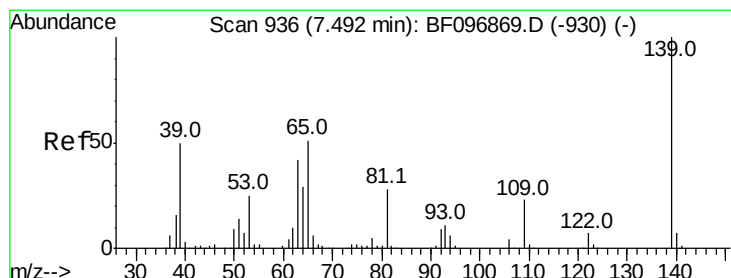
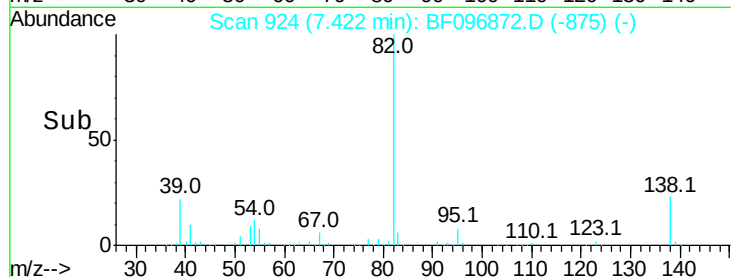
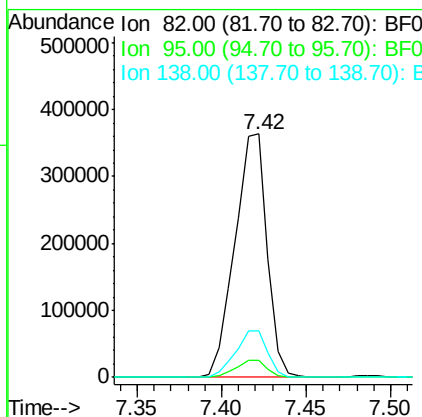
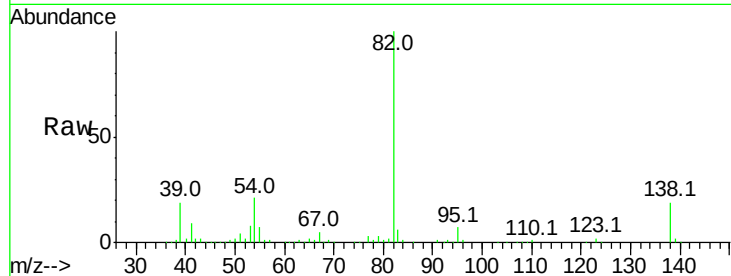
ClientSampleId :

PB100755BS

Tot Ion:	82	Resp:	483746
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.3	7.9
138	19.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.164 ng

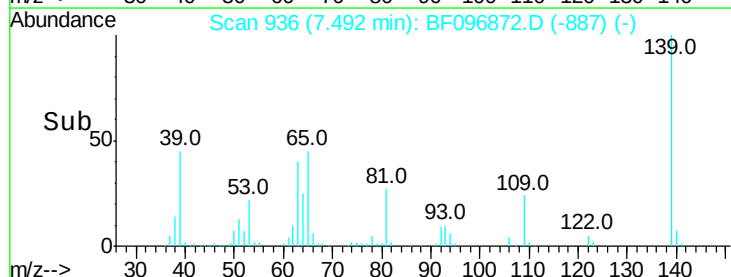
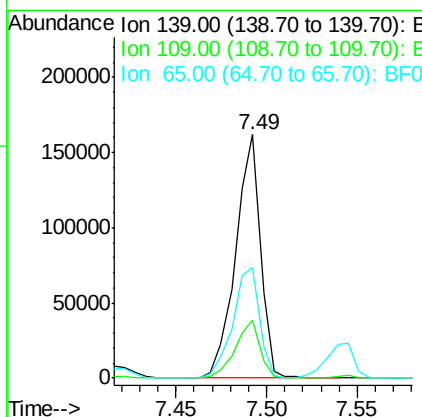
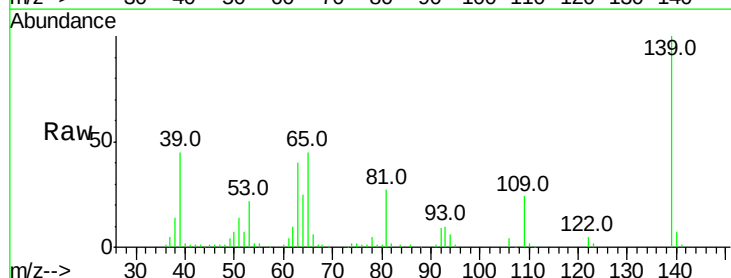
RT: 7.49 min Scan# 936

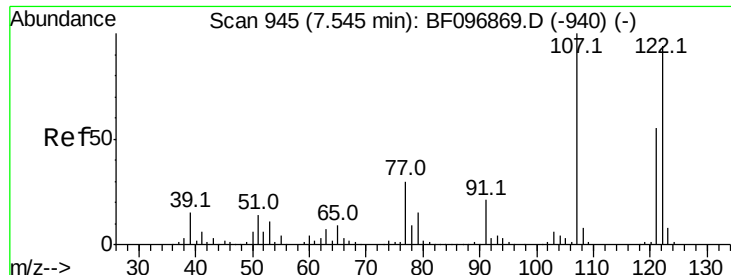
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	139	Resp:	154145
Ion Ratio		Lower	Upper
139	100		
109	24.0	21.0	31.6
65	45.2	33.0	49.6





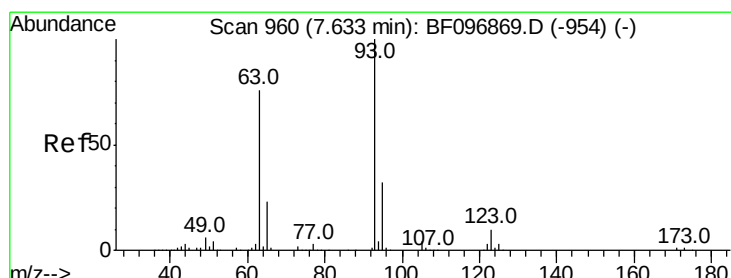
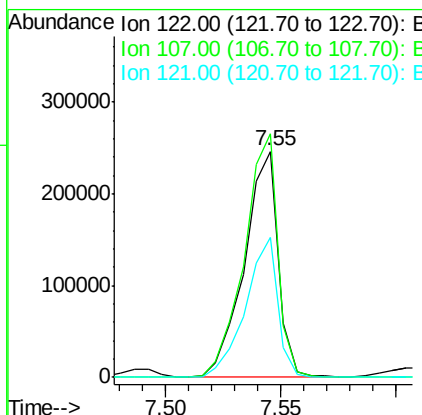
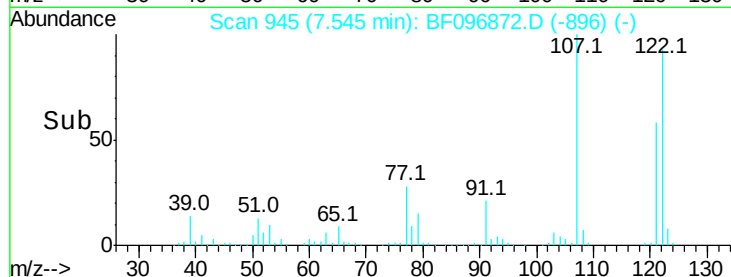
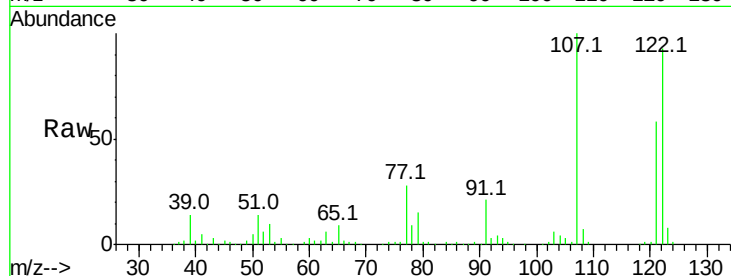
#27
 2,4-Dimethylphenol
 Concen: 46.021 ng
 RT: 7.55 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion:	122	Resp:	252806
Ion Ratio	Lower	Upper	
122	100		
107	107.7	89.2	133.8
121	62.1	45.2	67.8

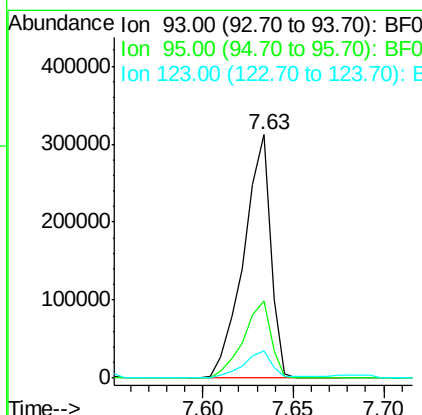
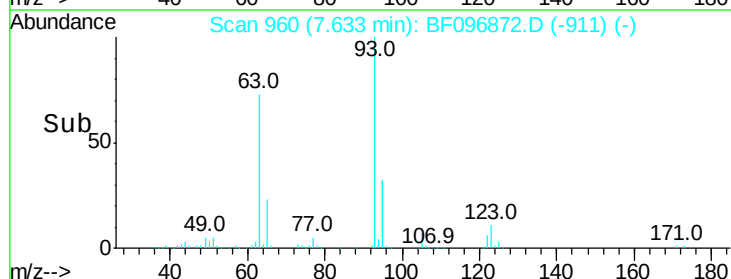
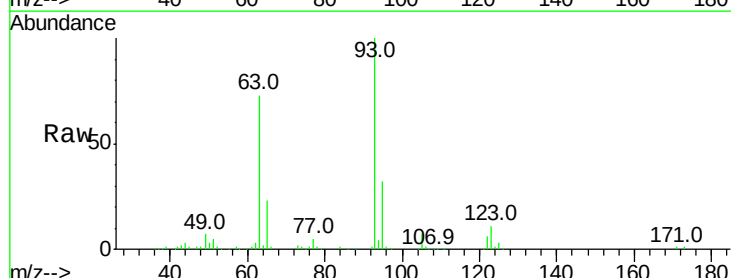
Manual Integrations
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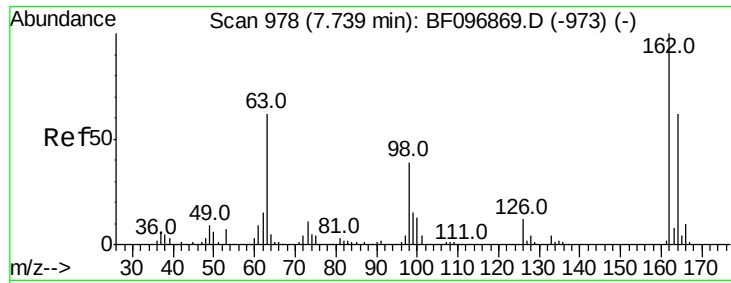
Sohil
 7/20/2017 5:09:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.428 ng
 RT: 7.63 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion:	93	Resp:	324276
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	11.1	9.0	13.4





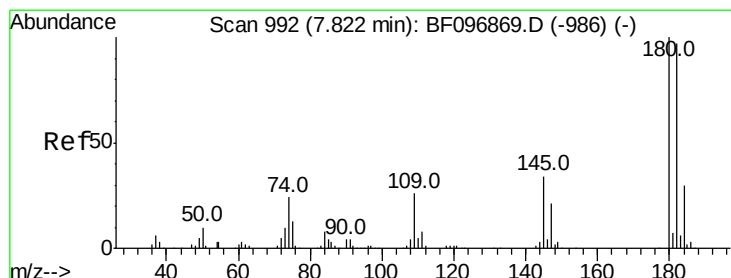
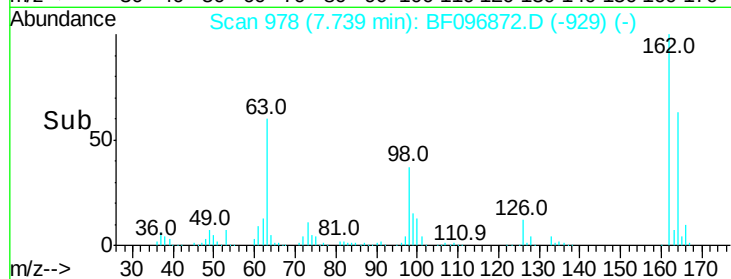
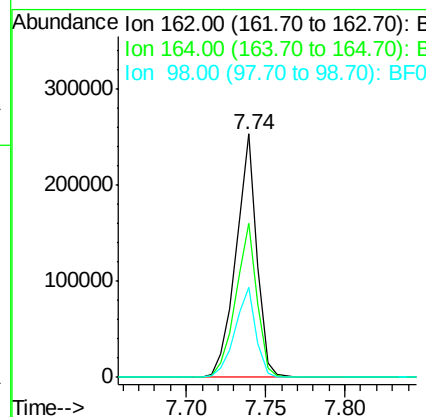
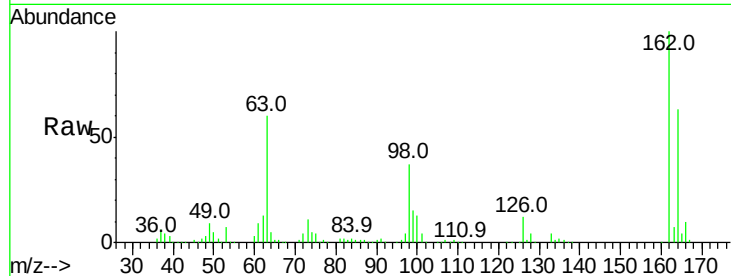
#29
 2,4-Dichlorophenol
 Concen: 46.512 ng
 RT: 7.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	231278		
164	63.1	44.6	84.6	
98	36.9	14.8	54.8	

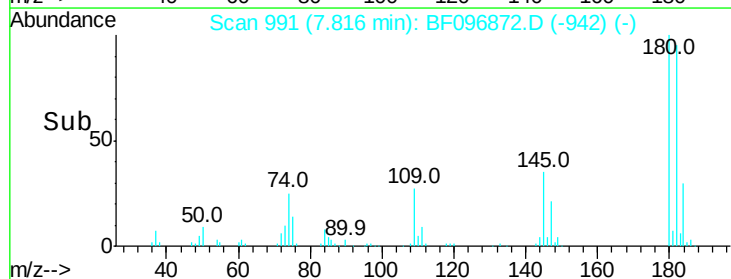
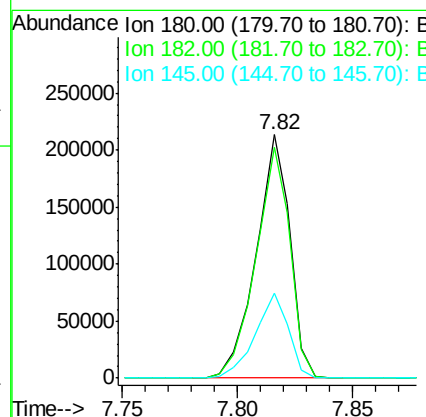
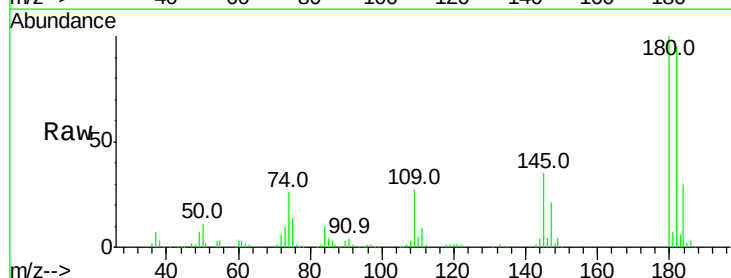
Manual Integrations
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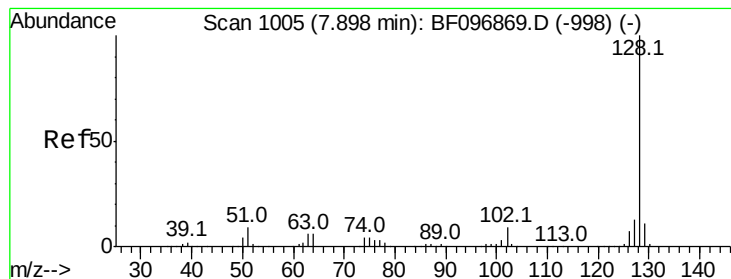
Sohil
 7/20/2017 5:09:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.841 ng
 RT: 7.82 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	216725		
182	94.7	75.8	113.6	
145	35.0	25.3	37.9	





#31

Naphthalene

Concen: 46.333 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

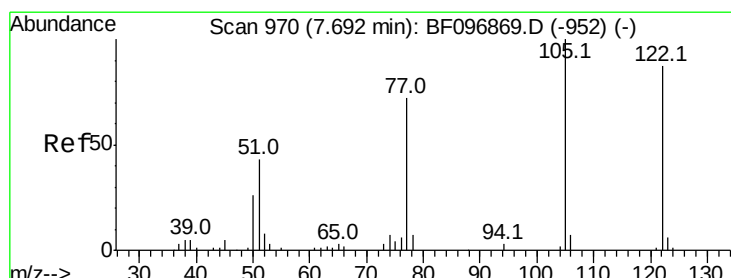
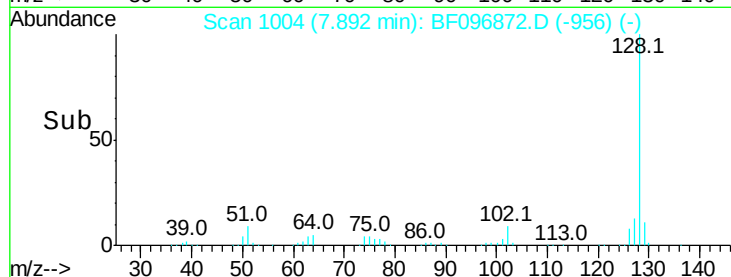
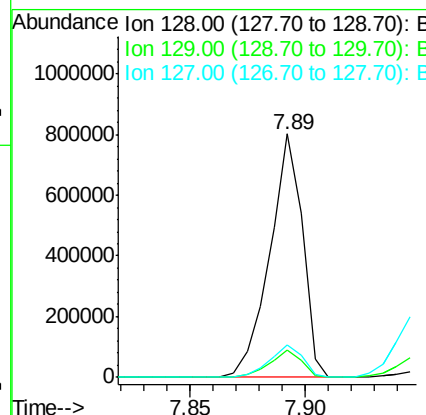
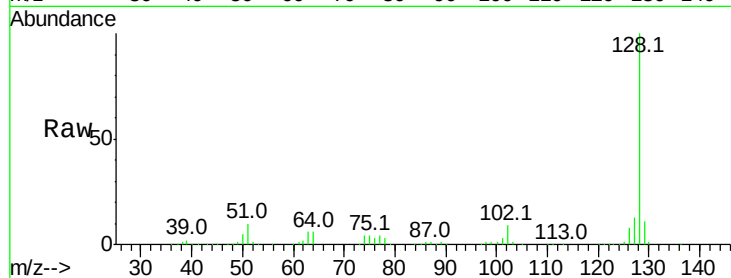
ClientSampled :

PB100755BS

Tot Ion:	128	Resp:	789396
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.1	10.8	16.2

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#32

Benzoic acid

Concen: 47.429 ng

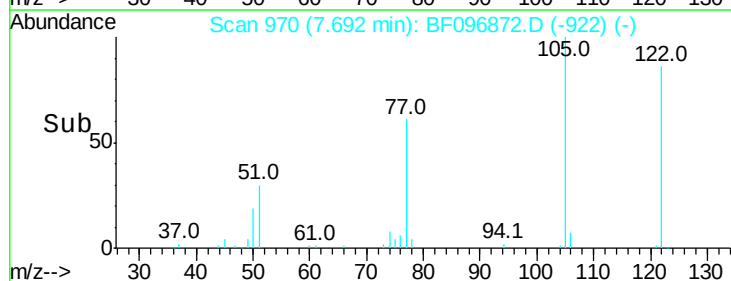
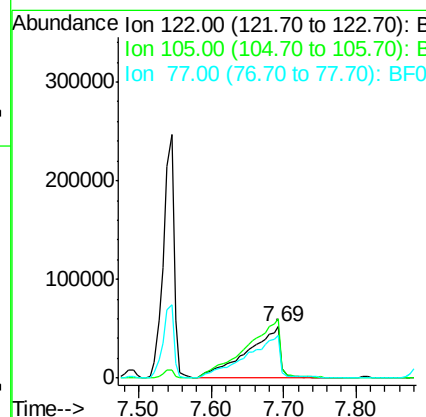
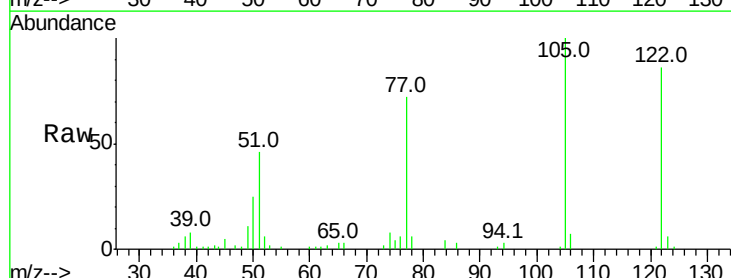
RT: 7.69 min Scan# 970

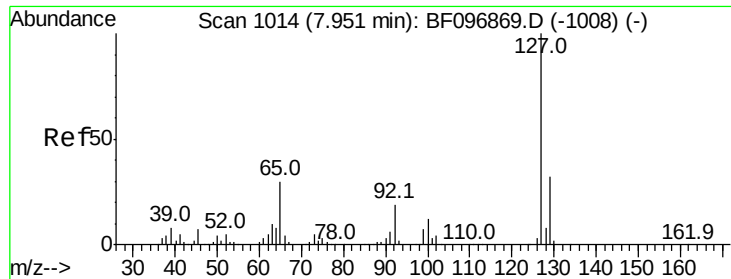
Delta R.T. -0.02 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	122	Resp:	166523
Ion Ratio	Lower	Upper	
122	100		
105	116.7	103.3	143.3
77	83.8	73.7	113.7





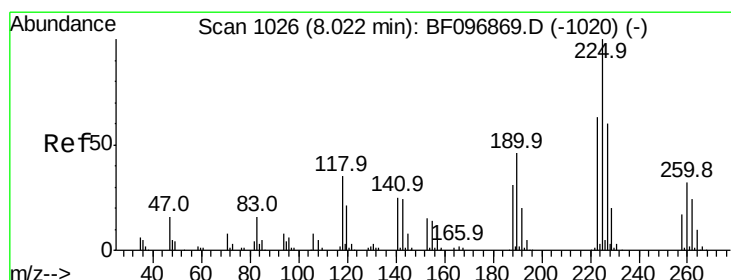
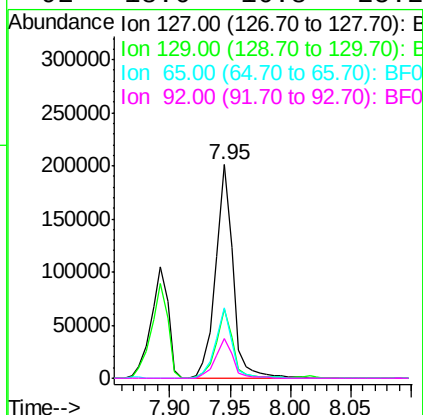
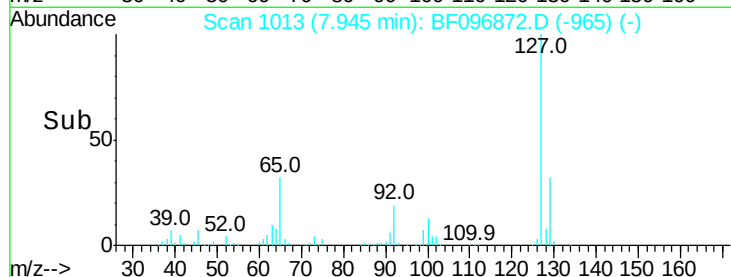
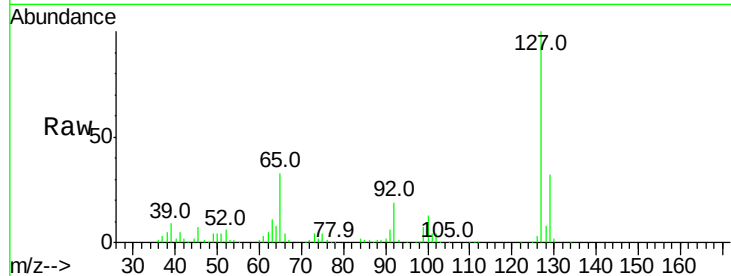
#33
4-Chloroaniline
Concen: 29.311 ng
RT: 7.95 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.2	
65	32.9	27.8	41.8	
92	18.6	16.8	25.2	

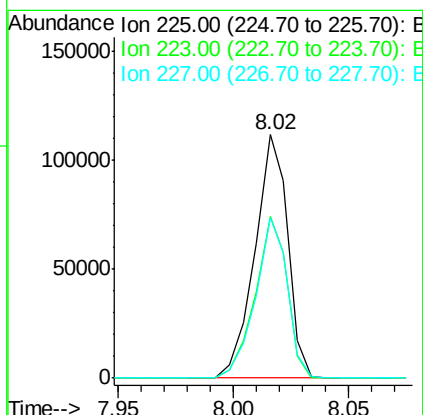
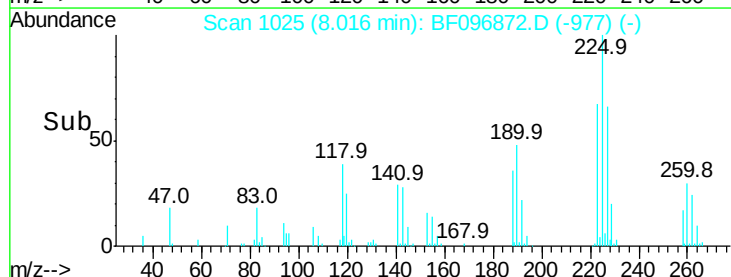
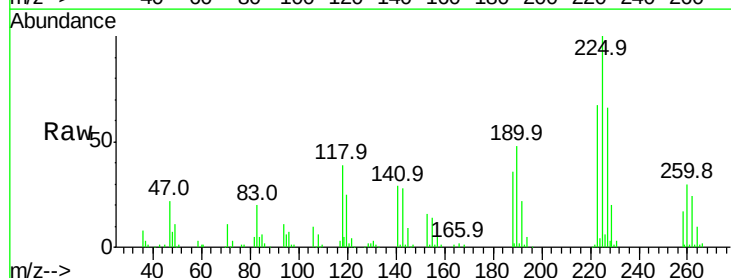
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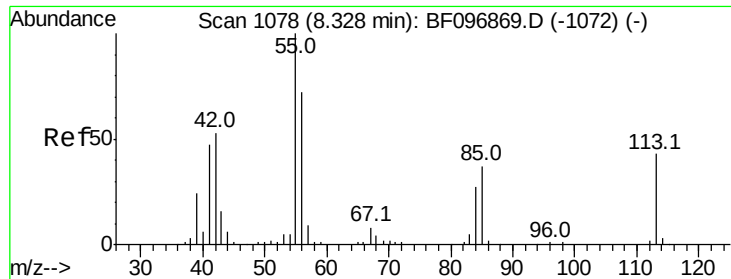
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#34
Hexachlorobutadiene
Concen: 43.938 ng
RT: 8.02 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.6	48.8	73.2	
227	65.7	51.1	76.7	





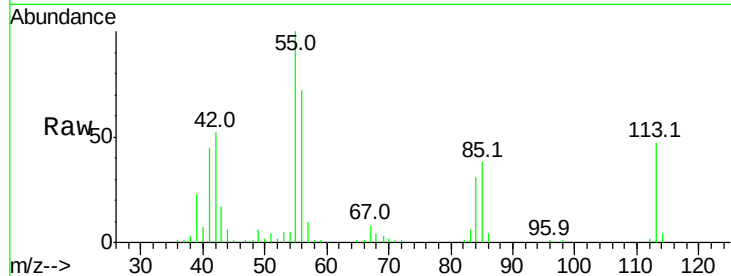
#35
 Caprolactam
 Concen: 49.908 ng/ml
 RT: 8.33 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleID :
 PB100755BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.5	150.2	190.2#
56	153.0	107.8	147.8#

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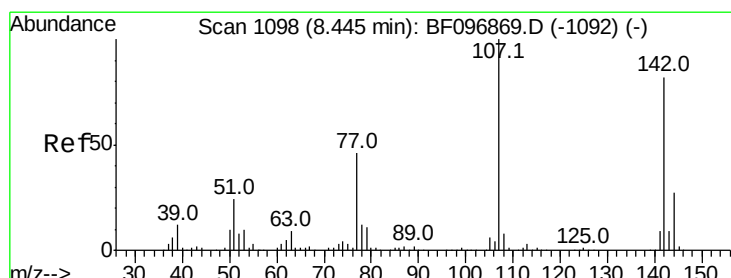
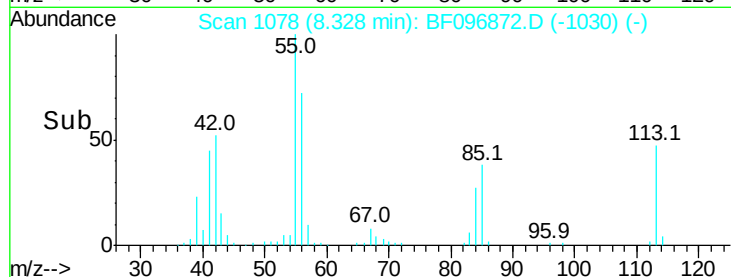
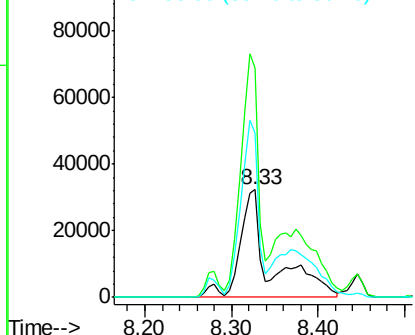


Abundance

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: 46.123 ng/ml
 RT: 8.45 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

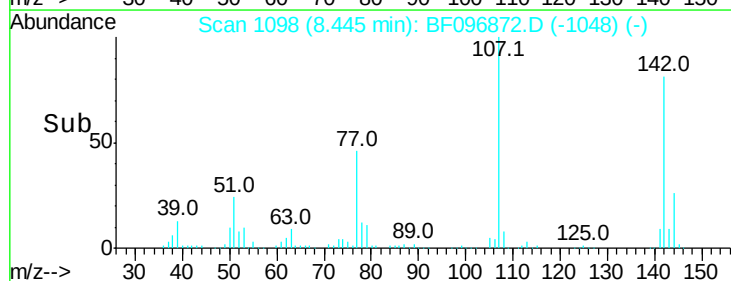
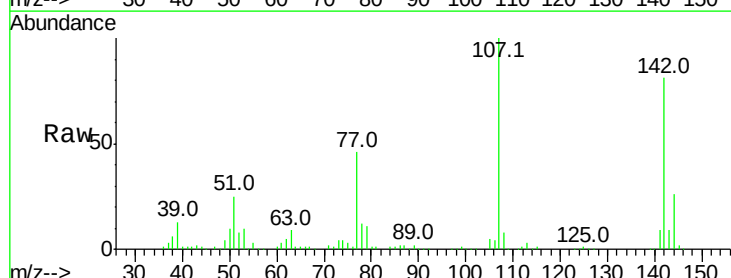
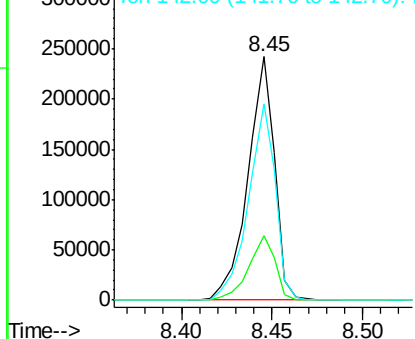
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	24.2	36.4
142	80.6	73.4	110.0

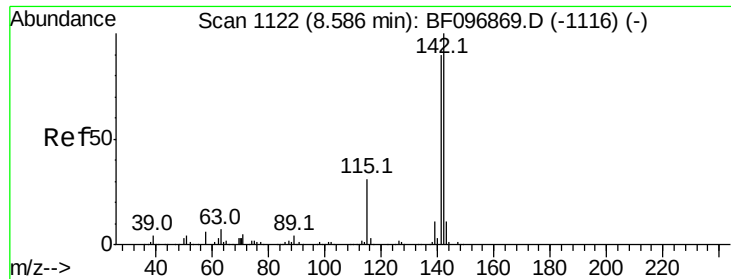
Abundance

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





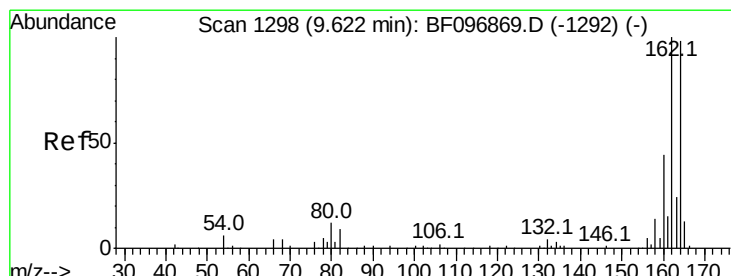
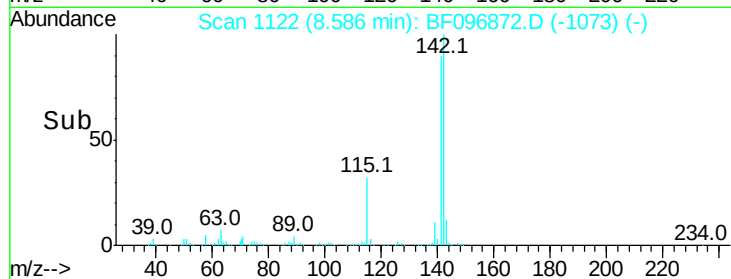
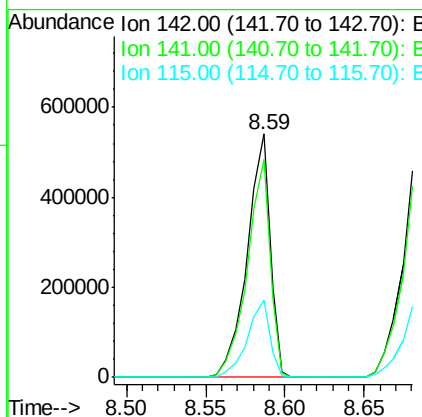
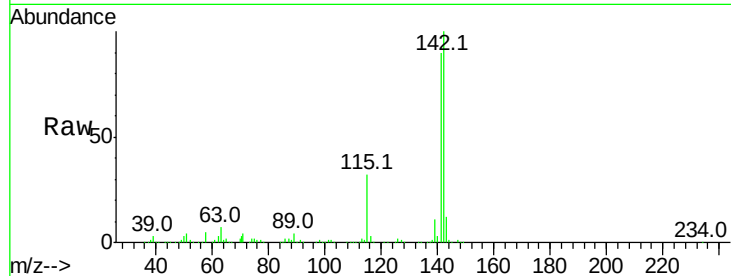
#37
2-Methylnaphthalene
Concen: 50.088 ng
RT: 8.59 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.6	27.1	40.7

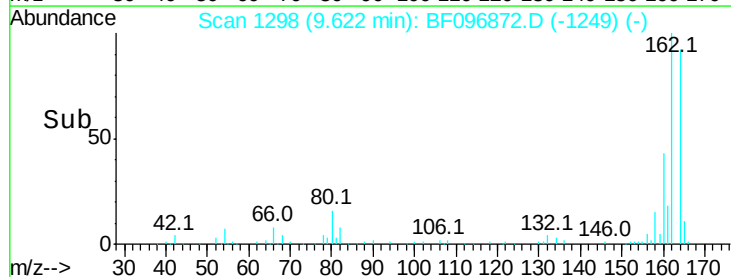
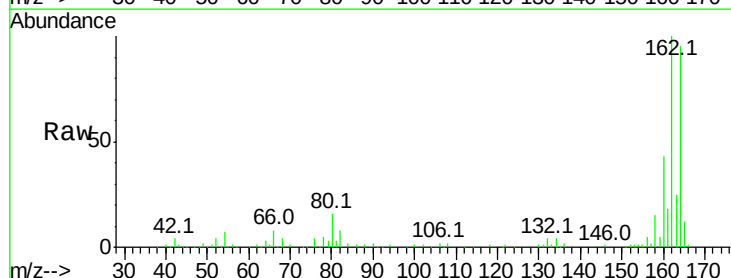
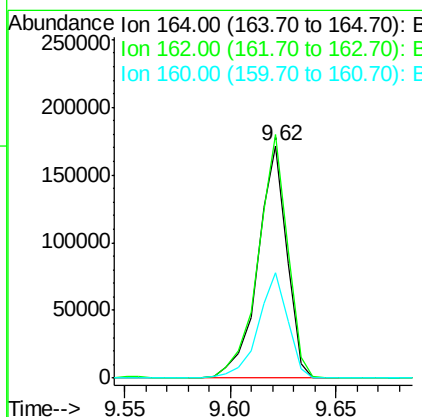
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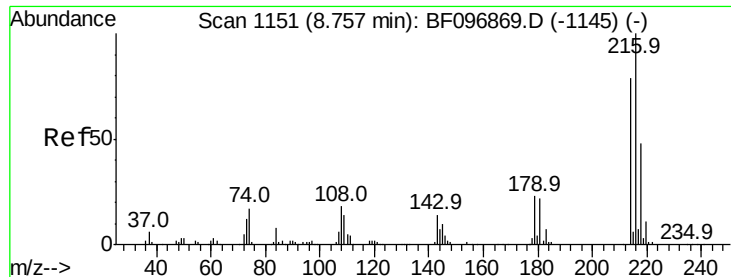
Sohil
7/20/2017 5:09:15 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.955 ng

RT: 8.76 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF096872.D

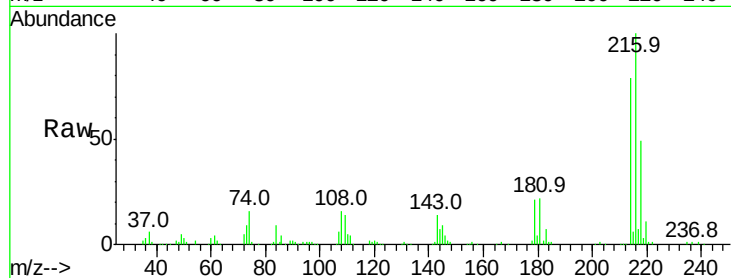
Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

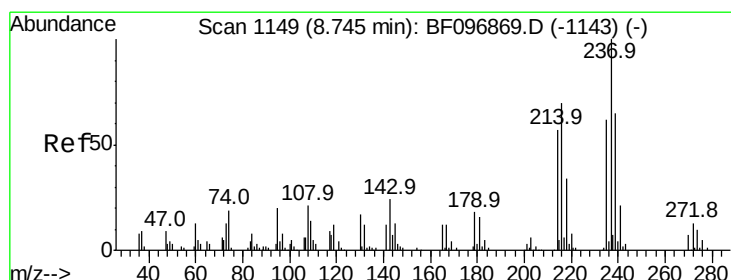
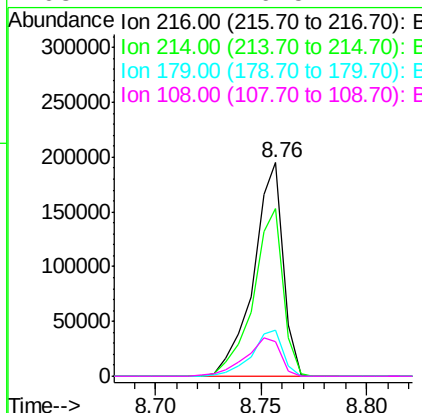
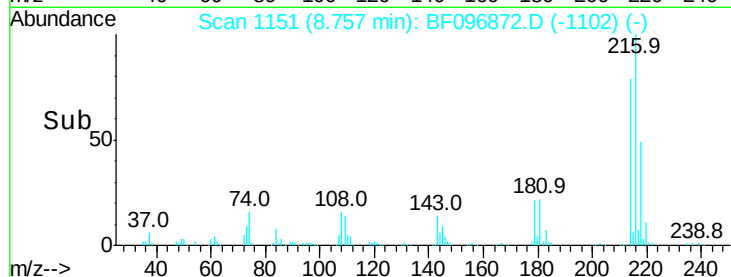
PB100755BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	190560		
214	79.0	63.4	95.2	
179	22.5	17.9	26.9	
108	21.4	16.5	24.7	

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#40

Hexachlorocyclopentadiene

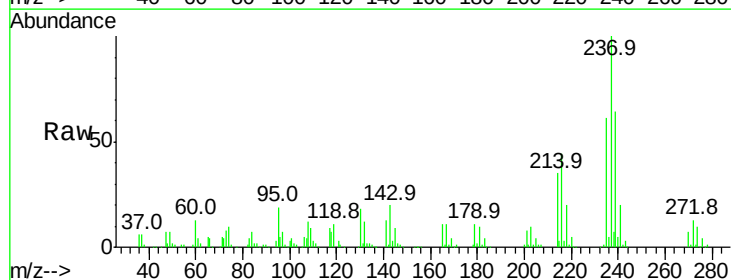
Concen: 100.160 ng

RT: 8.75 min Scan# 1149

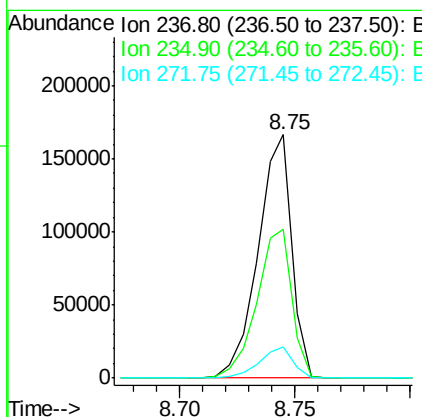
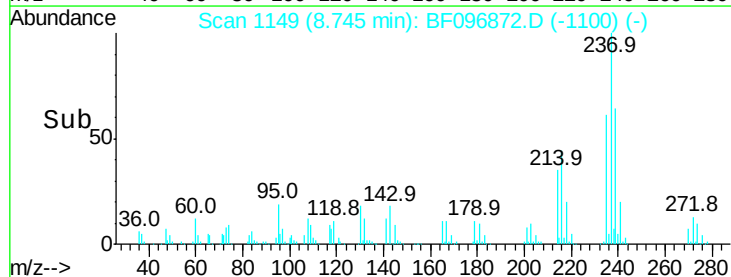
Delta R.T. -0.01 min

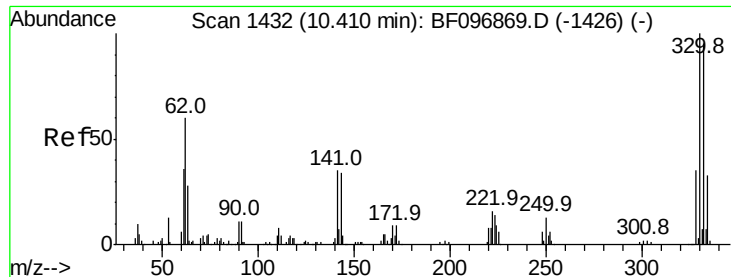
Lab File: BF096872.D

Acq: 19 Jul 2017 16:15



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	169352		
235	61.3	42.6	82.6	
272	12.6	0.0	31.9	





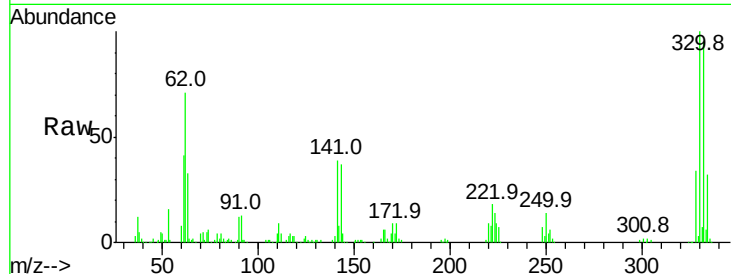
#41
 2,4,6-Tribromophenol
 Concen: 142.903 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	200181		
332	94.7	76.6	115.0	
141	37.0	31.4	47.2	

Manual Integrations
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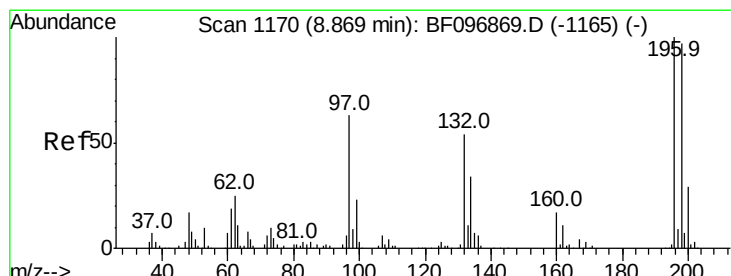
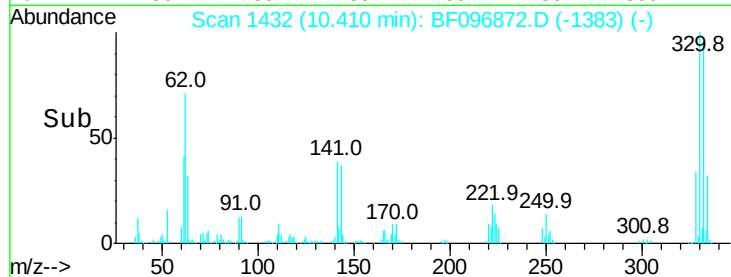
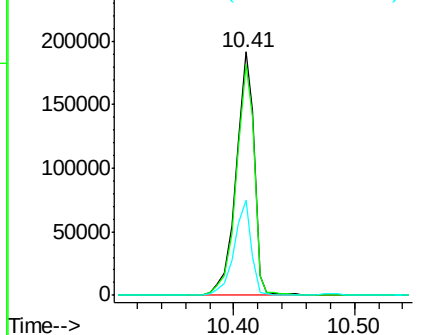


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.592 ng
 RT: 8.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

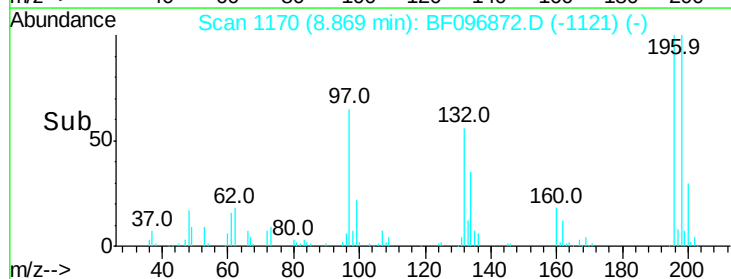
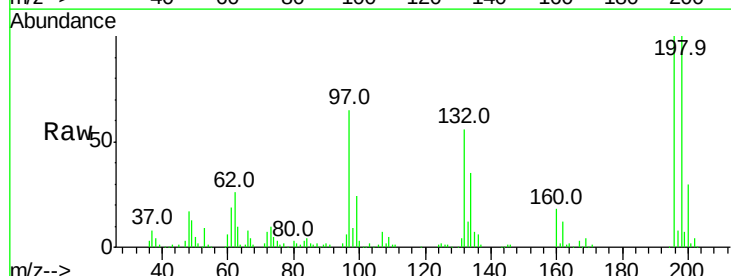
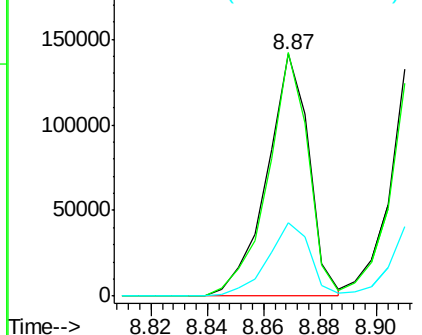
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145920		
198	100.5	74.2	111.4	
200	30.1	24.0	36.0	

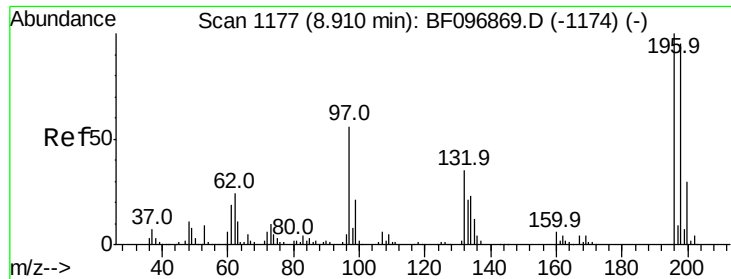
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





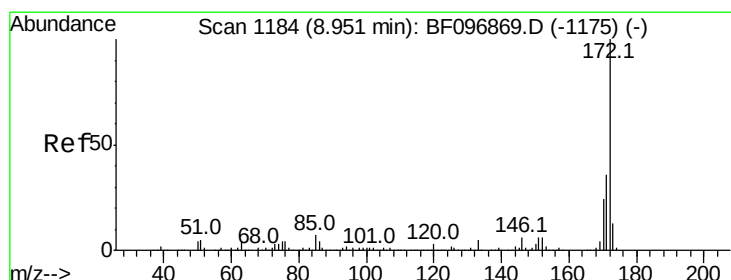
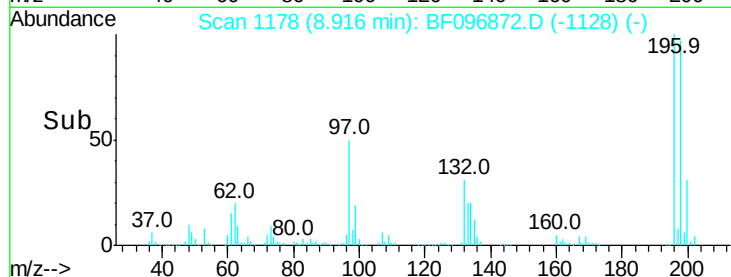
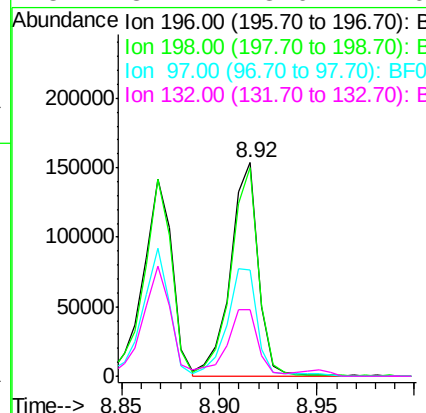
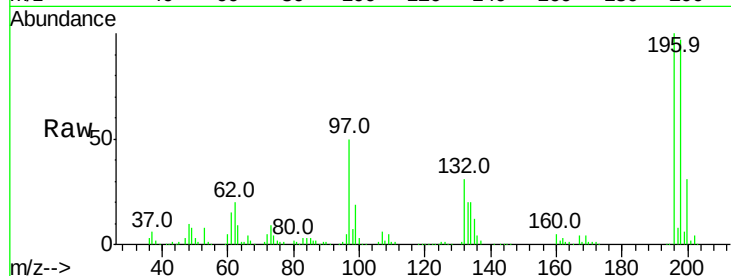
#43
 2,4,5-Trichlorophenol
 Concen: 45.955 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151664		
198	97.4	75.7	113.5	
97	49.6	47.7	71.5	
132	31.4	28.0	42.0	

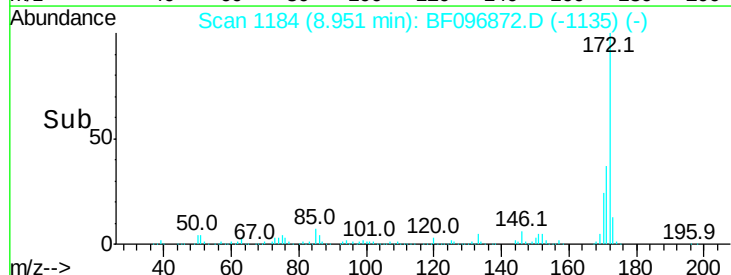
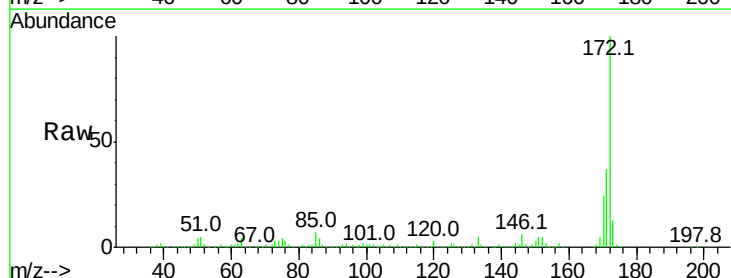
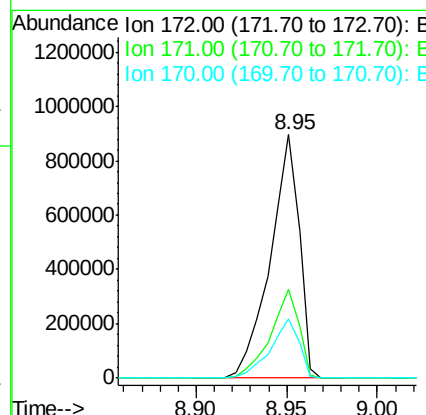
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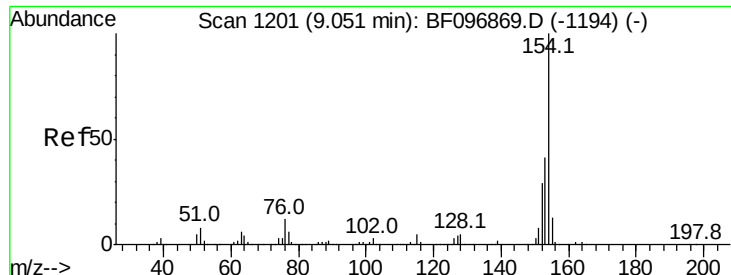
Sohil
 7/20/2017 5:09:15 PM



#44
 2-Fluorobiphenyl
 Concen: 95.643 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	993463		
171	36.6	29.6	44.4	
170	24.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 43.072 ng

RT: 9.05 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

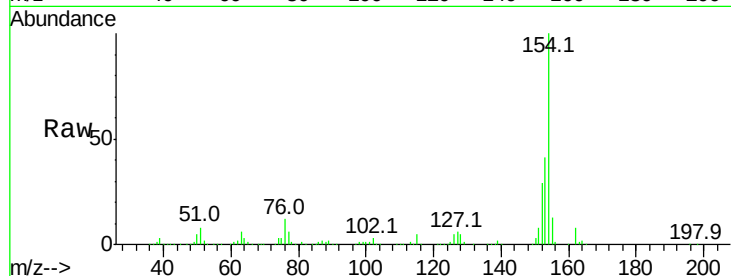
ClientSampleId :

PB100755BS

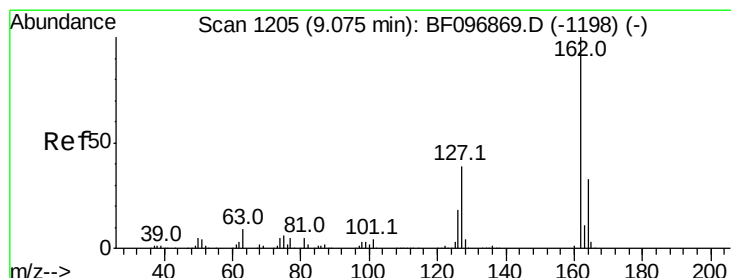
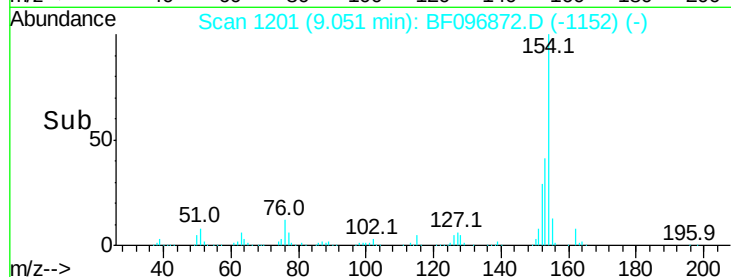
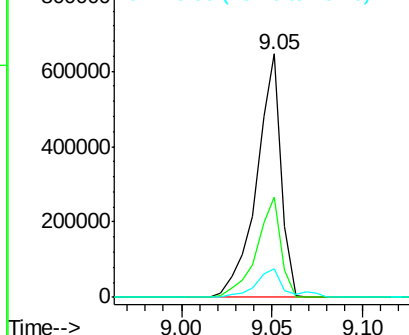
Tot Ion:	154	Resp:	606226
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	11.5	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.808 ng

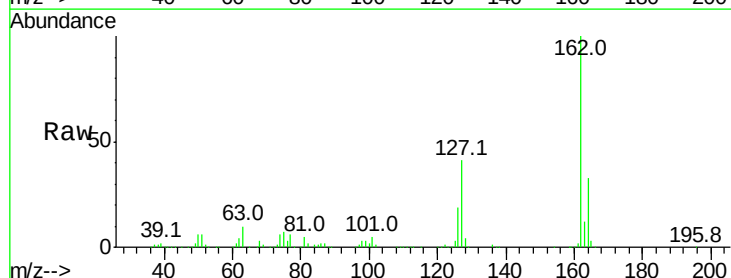
RT: 9.07 min Scan# 1204

Delta R.T. -0.02 min

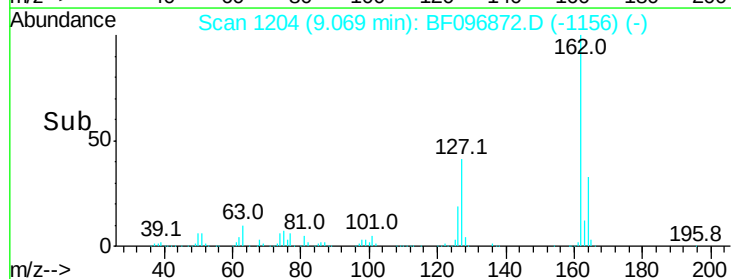
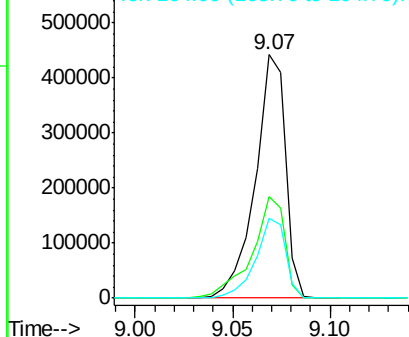
Lab File: BF096872.D

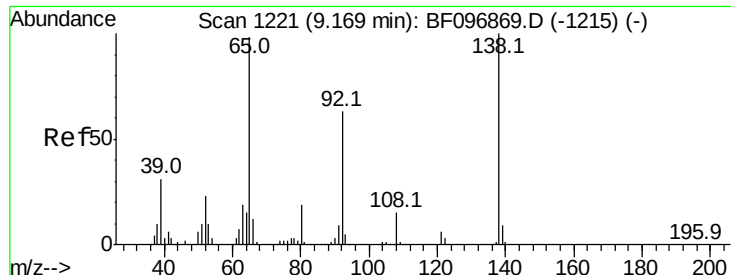
Acq: 19 Jul 2017 16:15

Tgt Ion:	162	Resp:	474753
Ion Ratio	Lower	Upper	
162	100		
127	41.5	28.3	42.5
164	32.7	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





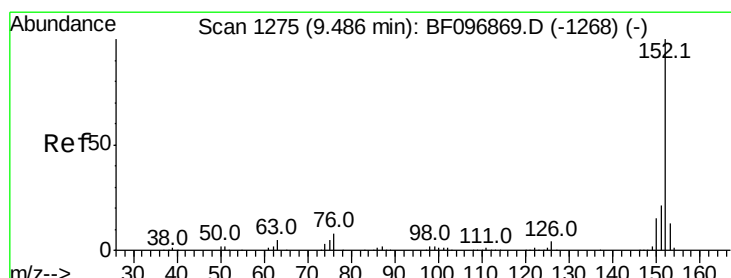
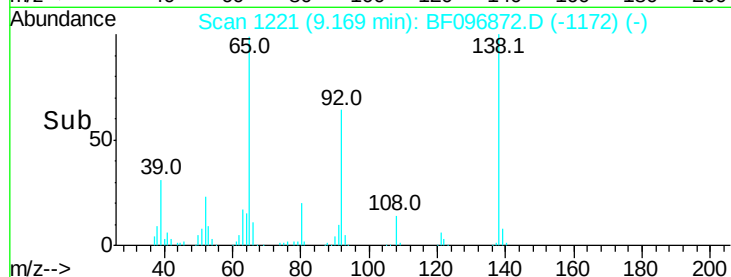
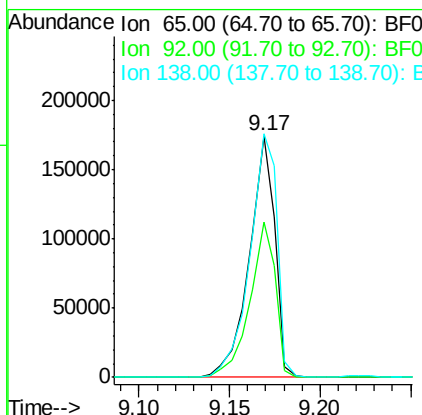
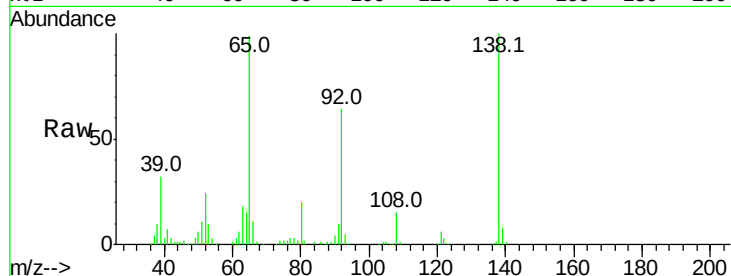
#47
2-Nitroaniline
Concen: 47.814 ng
RT: 9.17 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.9	80.9
138	100.9	78.8	118.2

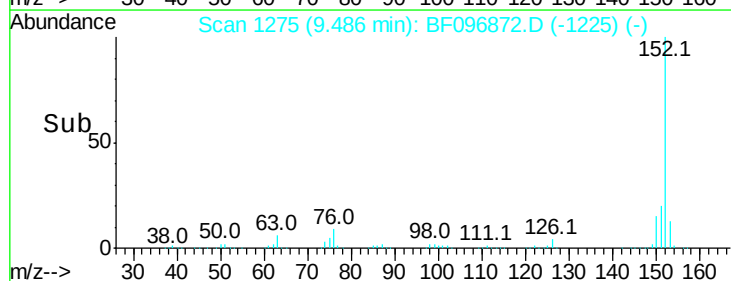
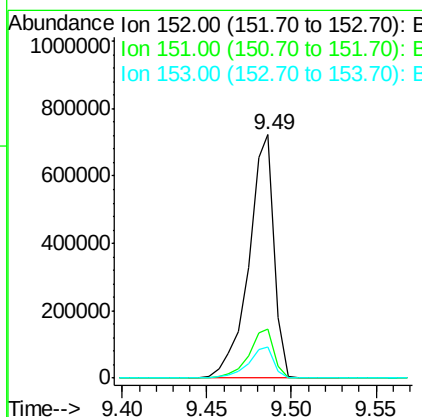
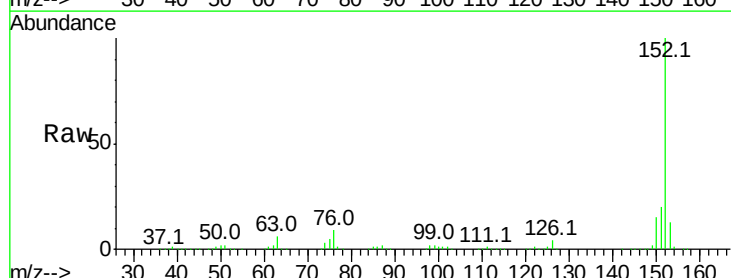
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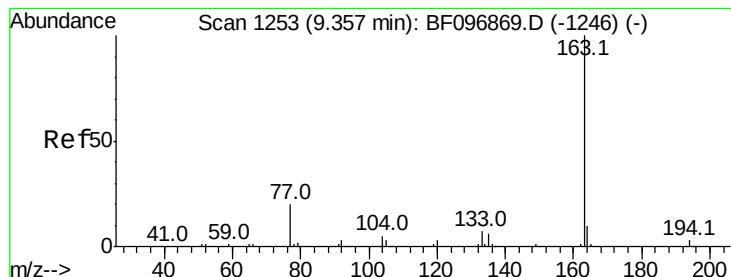
Sohil
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#48
Acenaphthylene
Concen: 45.816 ng
RT: 9.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.8	10.8	16.2





#49

Dimethylphthalate

Concen: 46.451 ng

RT: 9.36 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

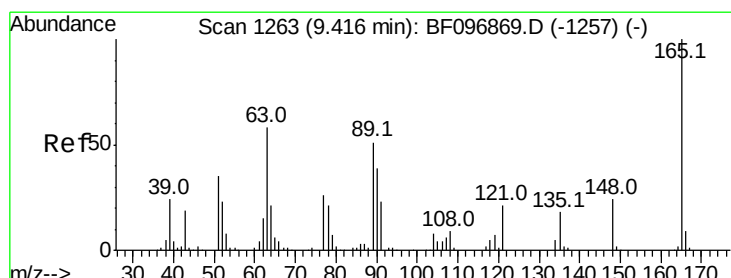
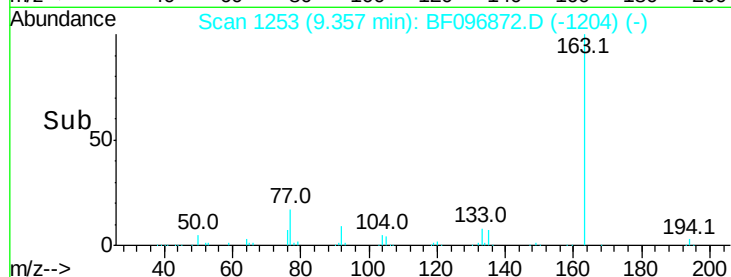
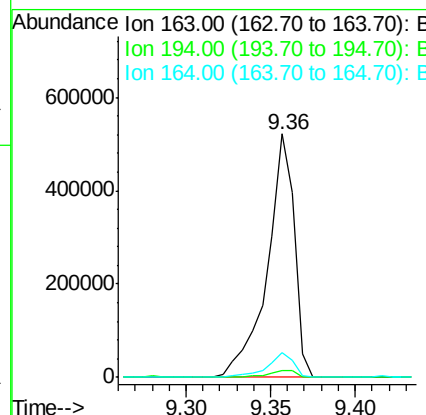
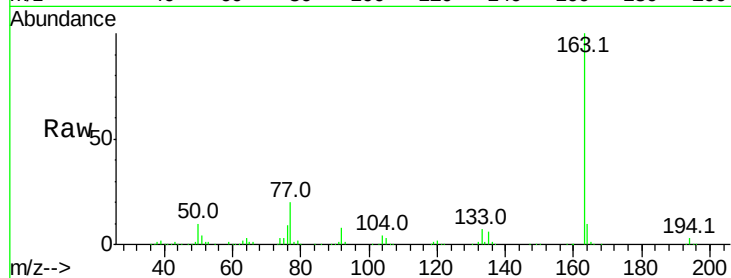
ClientSampleId :

PB100755BS

Tot Ion:	163	Resp:	573993
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 47.338 ng

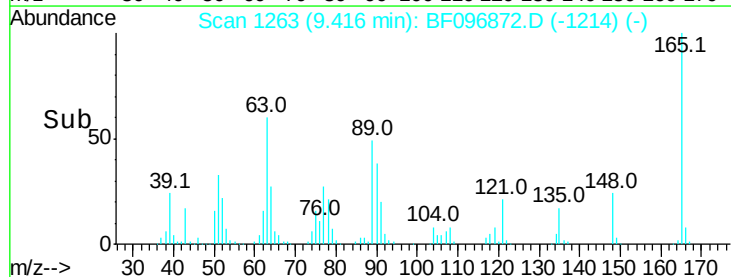
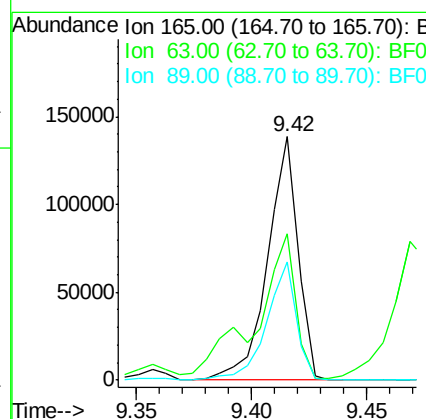
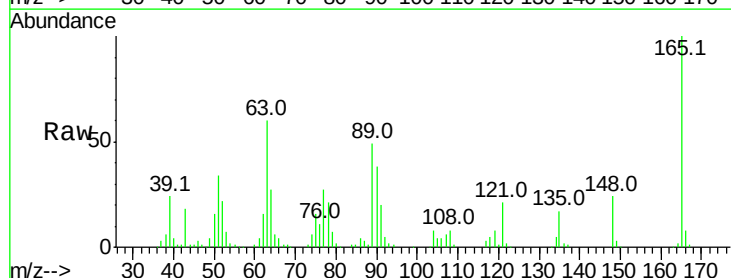
RT: 9.42 min Scan# 1263

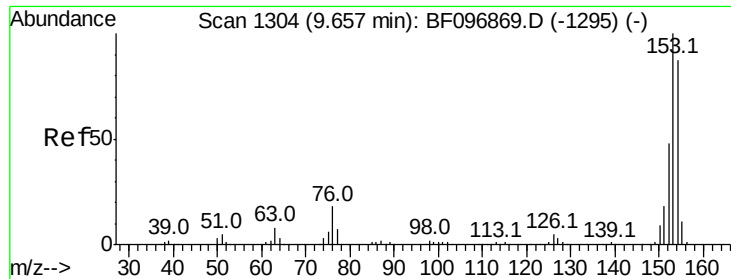
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	165	Resp:	126701
Ion Ratio	Lower	Upper	
165	100		
63	60.3	34.3	51.5#
89	48.7	37.1	55.7





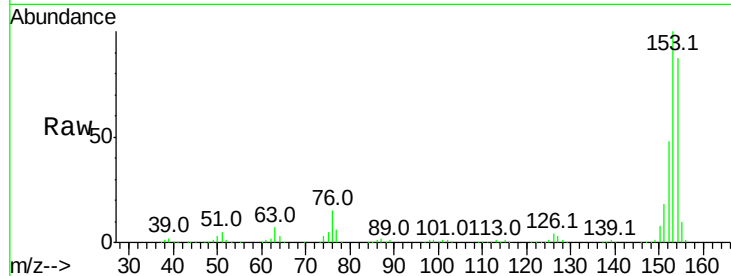
#51
Acenaphthene
Concen: 44.724 ng
RT: 9.66 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

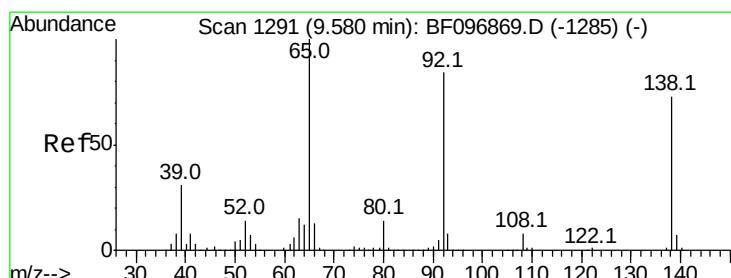
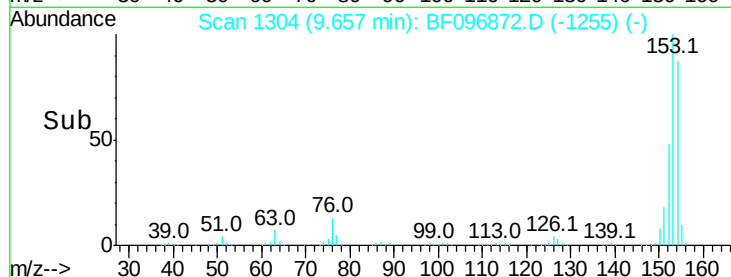
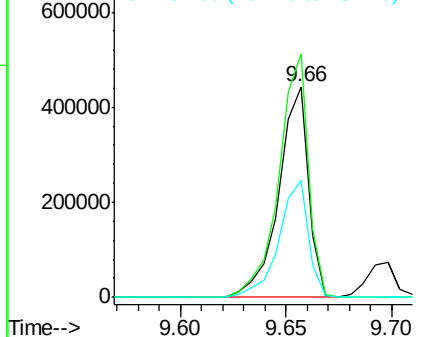
Tot Ion	Ratio	Lower	Upper
154	100		
153	115.6	90.5	135.7
152	55.3	43.6	65.4

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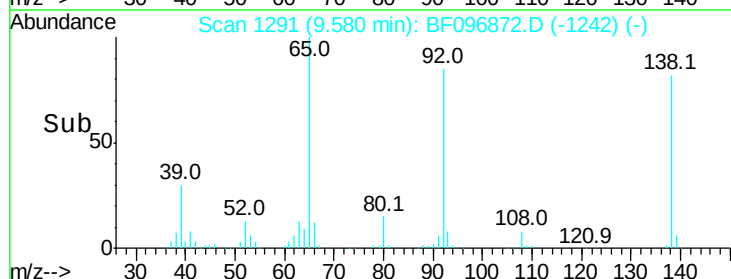
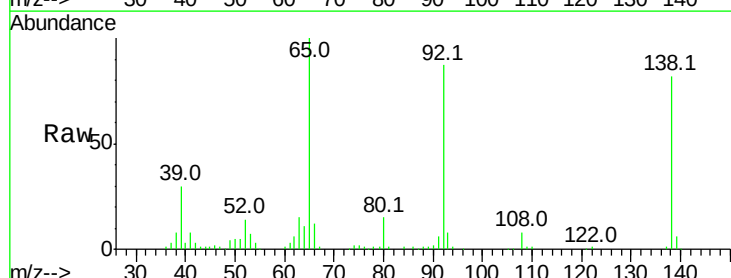
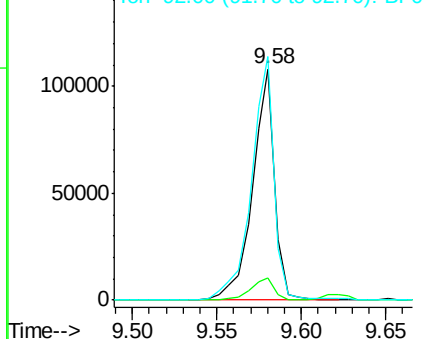
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

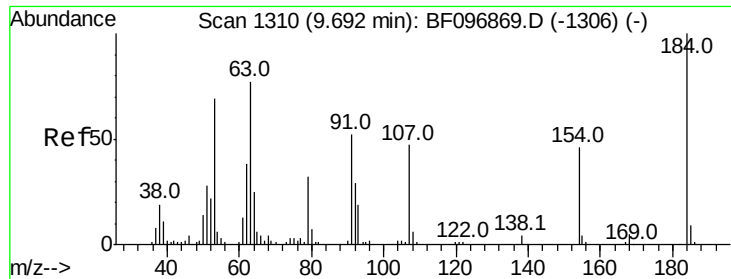


#52
3-Nitroaniline
Concen: 31.093 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.1	13.7
92	105.4	93.8	140.6

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





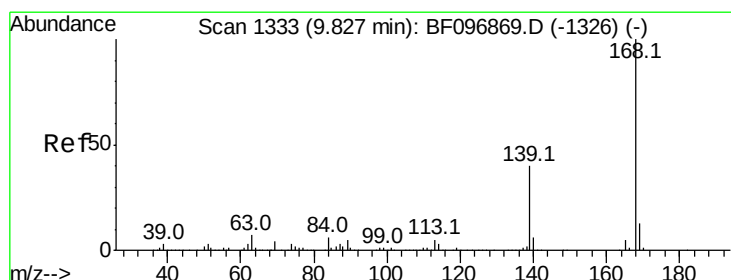
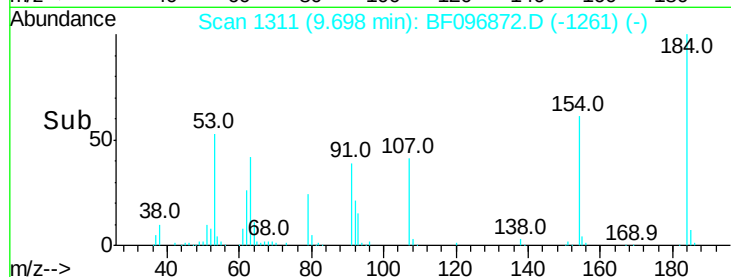
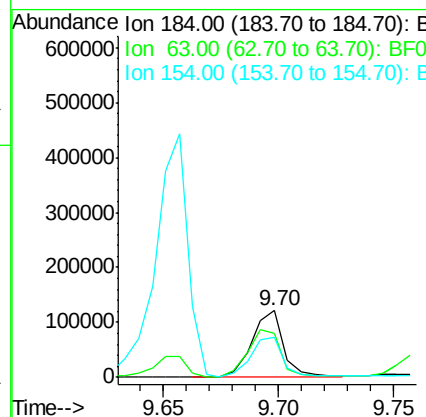
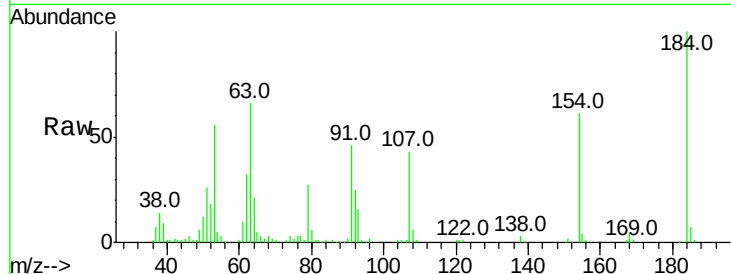
#53
 2,4-Dinitrophenol
 Concen: 88.348 ng
 RT: 9.70 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.2	62.7	94.1	
154	60.8	81.1	121.7	

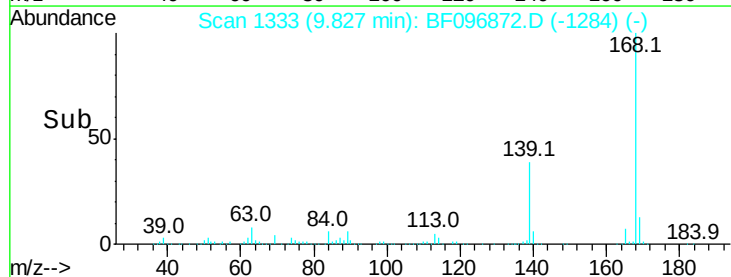
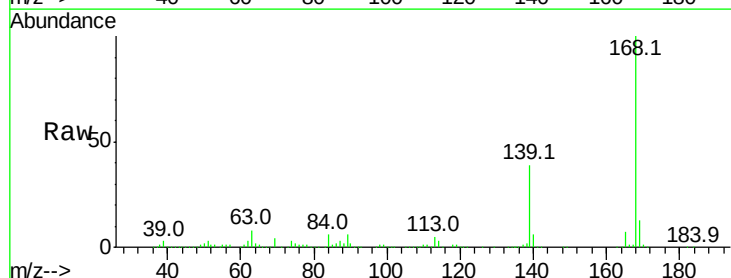
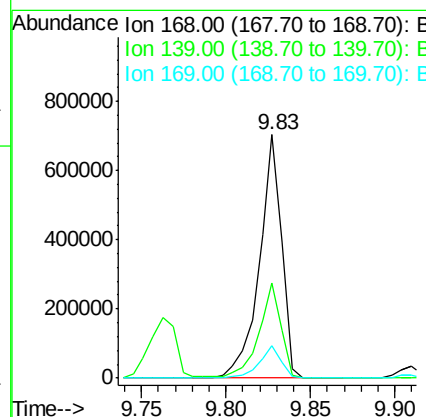
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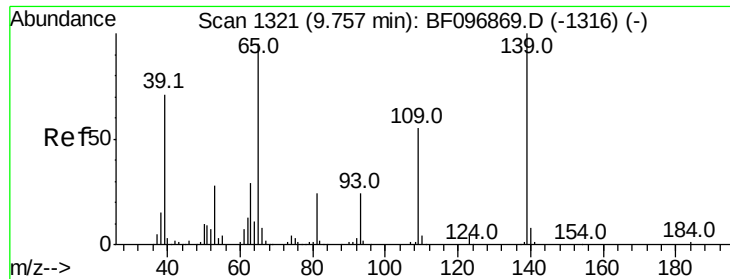
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#54
 Dibenzofuran
 Concen: 47.392 ng
 RT: 9.83 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.0	30.6	45.8	
169	13.3	10.8	16.2	





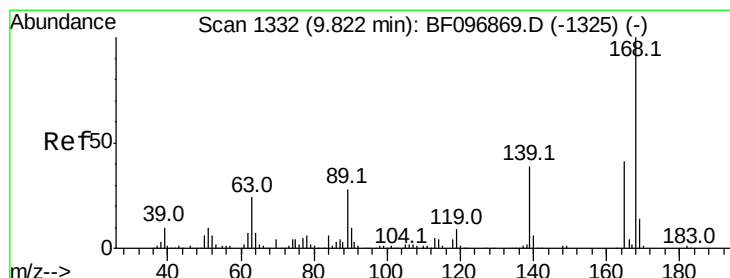
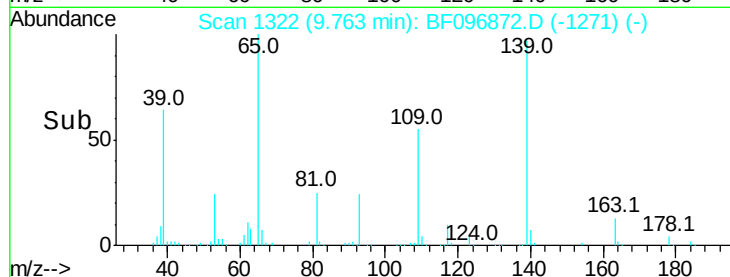
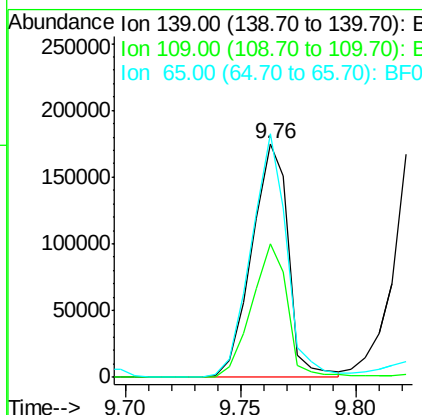
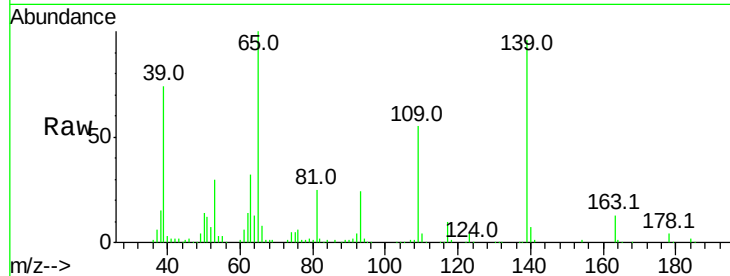
#55
4-Nitrophenol
Concen: 83.198 ng
RT: 9.76 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.1	34.1	74.1	
65	104.2	31.4	71.4	

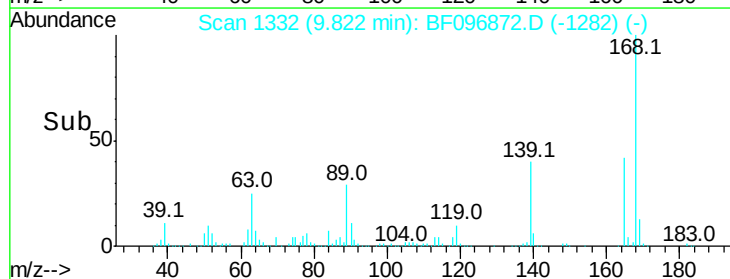
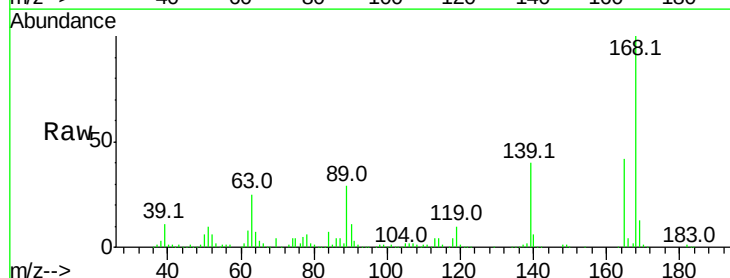
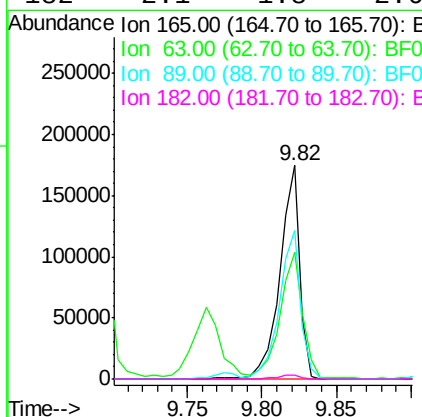
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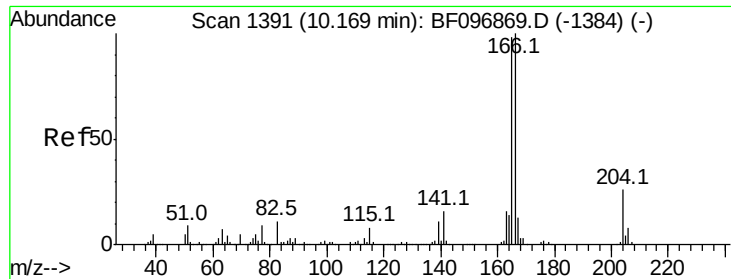
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#56
2,4-Dinitrotoluene
Concen: 47.421 ng
RT: 9.82 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.3	25.4	38.0	
89	69.8	46.4	69.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 48.471 ng

RT: 10.17 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

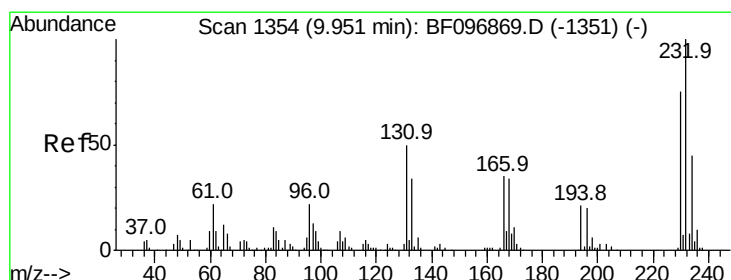
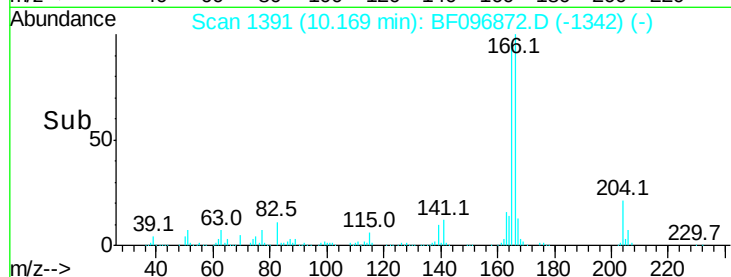
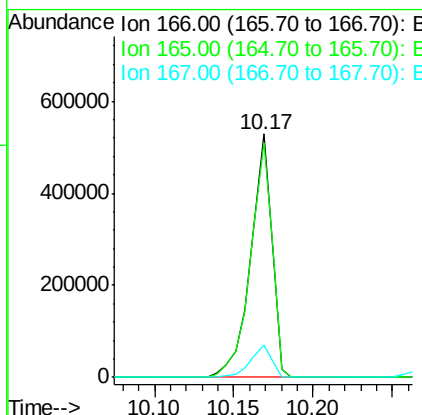
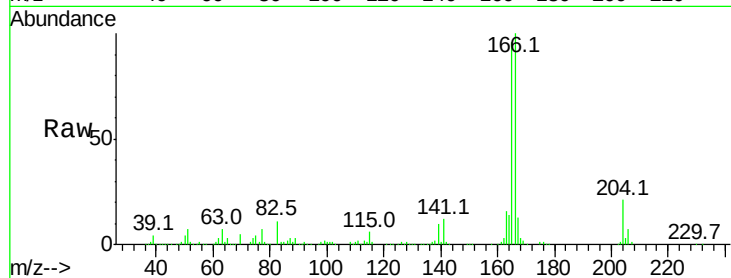
ClientSampleId :

PB100755BS

Tot Ion:	166	Resp:	489635
Ion Ratio	Lower	Upper	
166	100		
165	96.4	78.8	118.2
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.428 ng

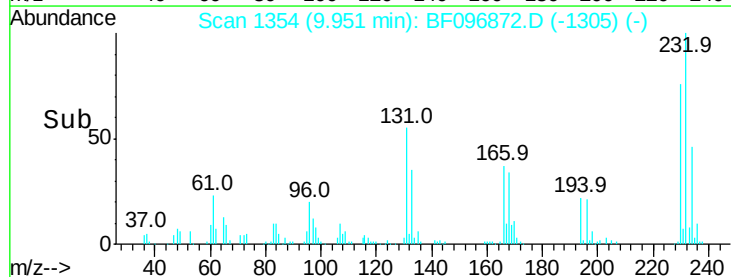
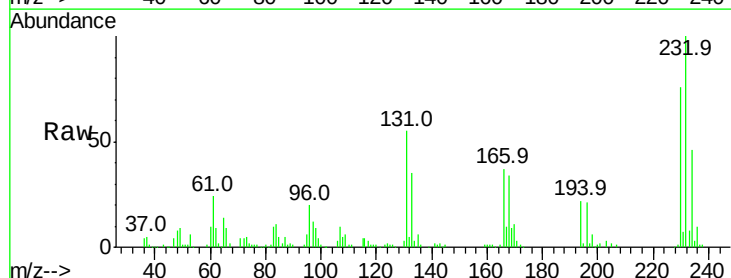
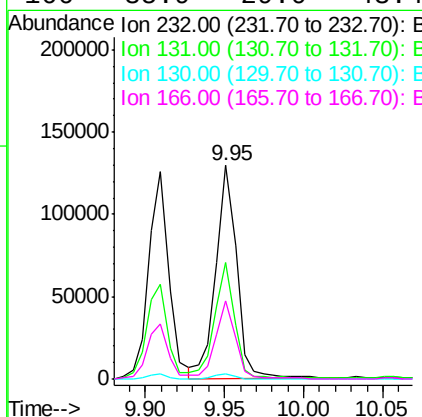
RT: 9.95 min Scan# 1354

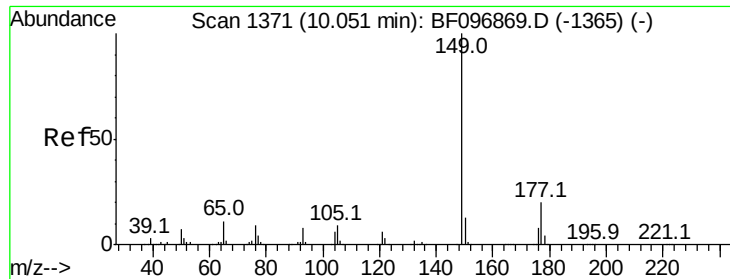
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	232	Resp:	117710
Ion Ratio	Lower	Upper	
232	100		
131	54.8	44.8	67.2
130	2.5	2.3	3.5
166	35.9	29.0	43.4





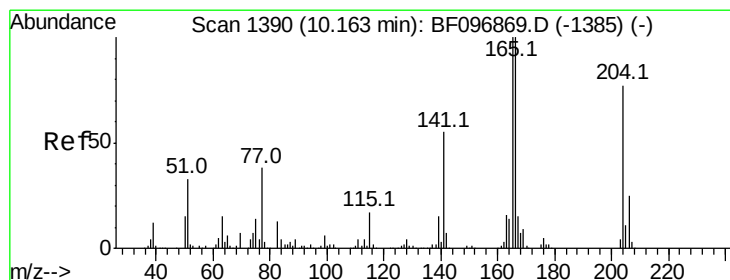
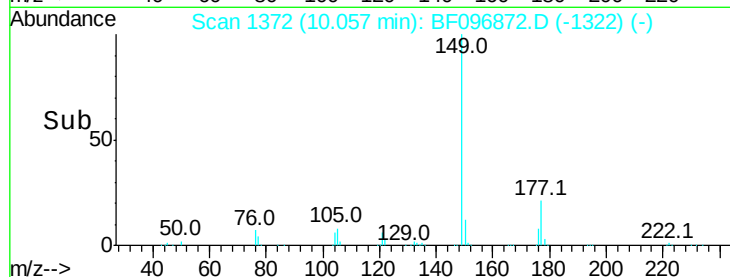
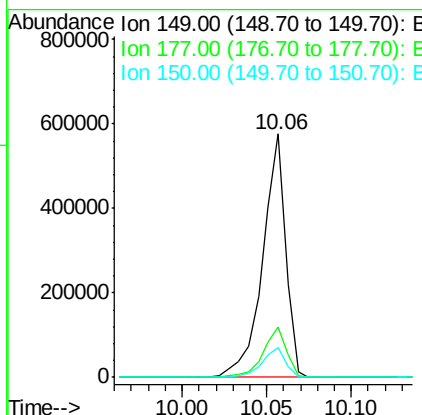
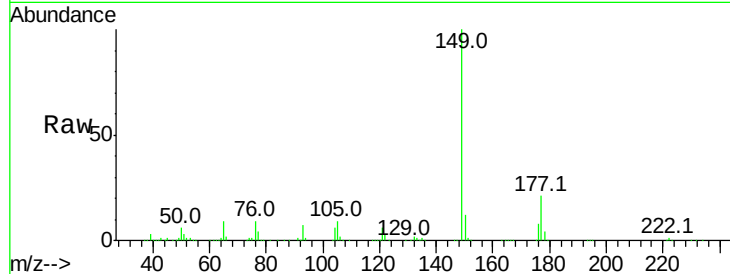
#59
Diethylphthalate
Concen: 45.123 ng
RT: 10.06 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion:	149	Resp:	542807
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.7	25.1
150	12.1	10.2	15.2

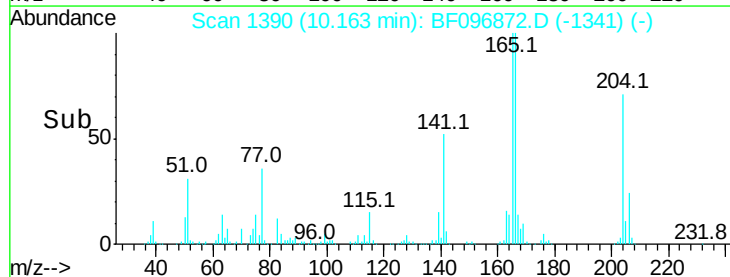
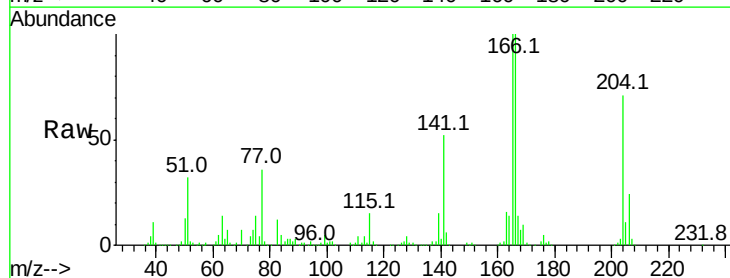
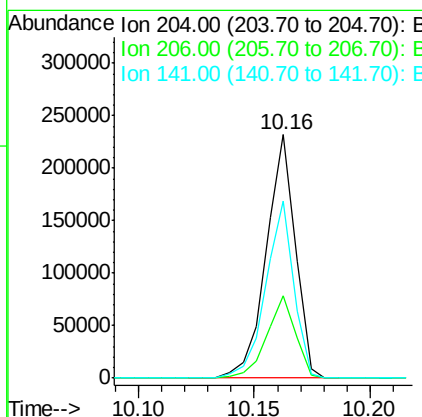
Manual Integrations
APPROVED

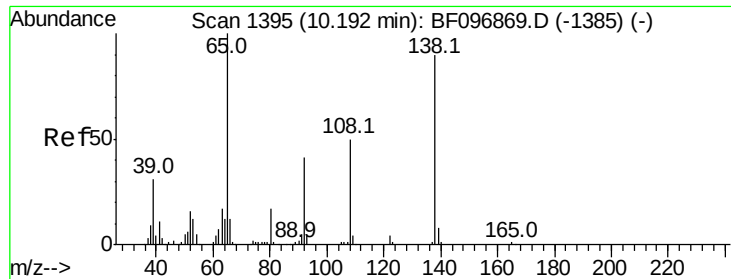
Sohil
7/20/2017 5:09:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.950 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion:	204	Resp:	202766
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.2	39.2
141	72.8	60.8	91.2





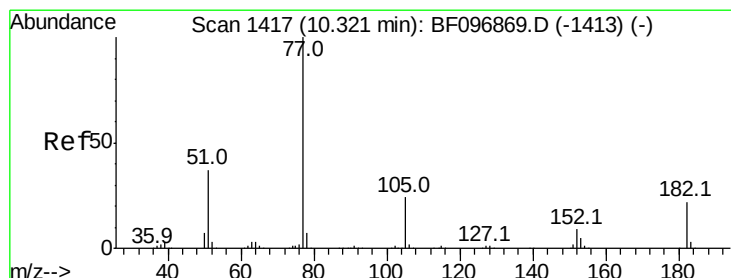
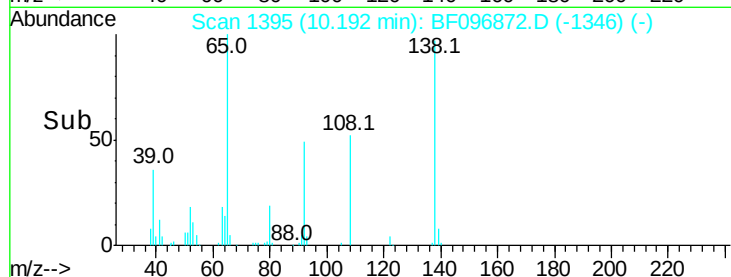
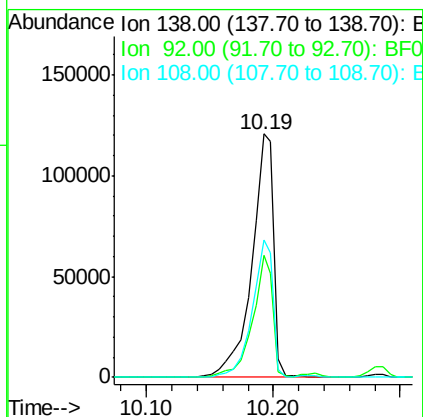
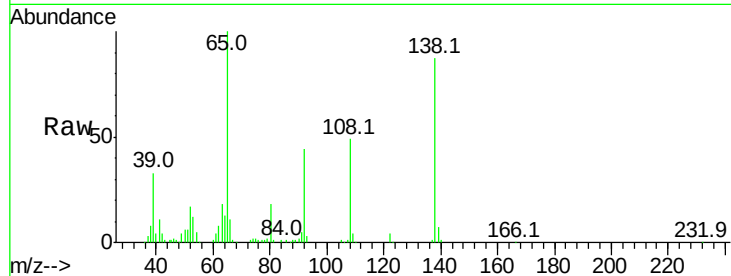
#61
4-Nitroaniline
Concen: 48.986 ng
RT: 10.19 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	50.1	21.8	61.8	
108	56.4	42.3	82.3	

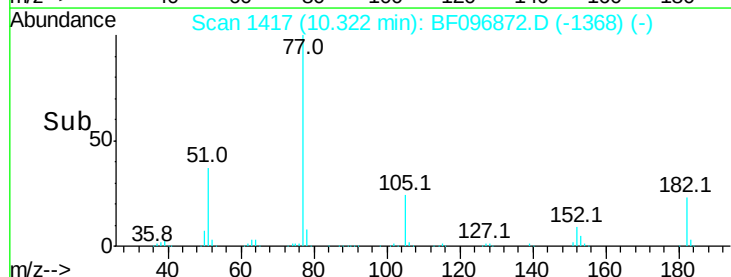
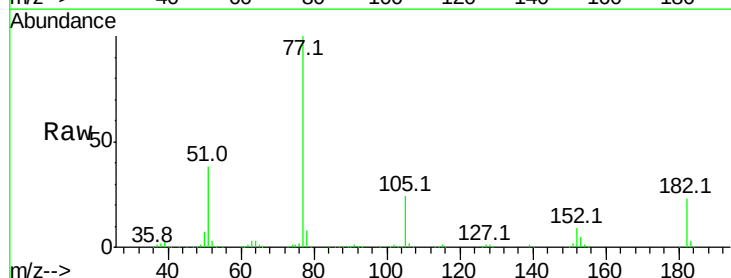
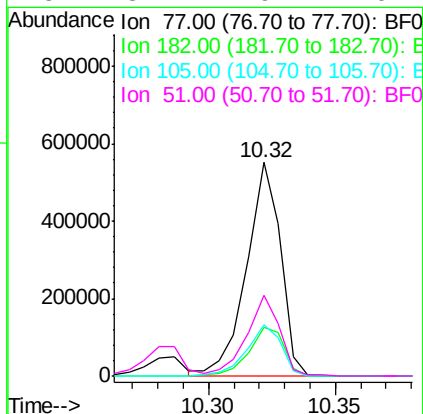
Manual Integrations
APPROVED

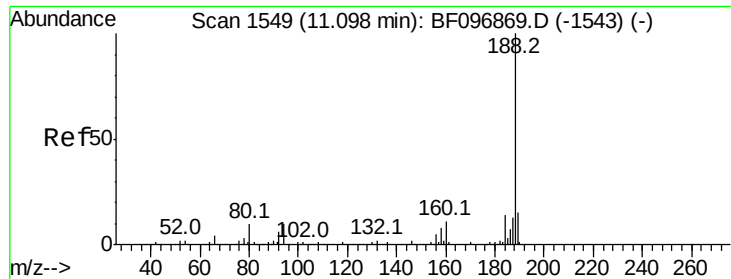
Sohil
7/20/2017 5:09:15 PM



#62
Azobenzene
Concen: 48.536 ng
RT: 10.32 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.7	0.1	40.1	
105	24.2	3.6	43.6	
51	37.7	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

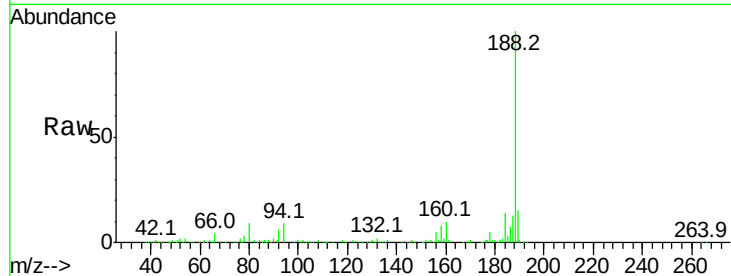
PB100755BS

Tot Ion:188	Resp:	288853
Ion Ratio	Lower	Upper
188 100		
94 8.6	9.4	14.2#
80 9.5	10.2	15.2#

Manual Integrations
APPROVED

Sohil

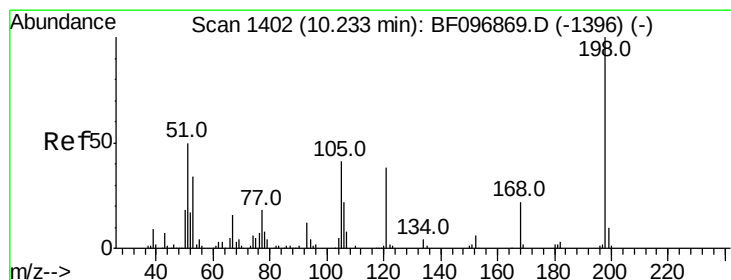
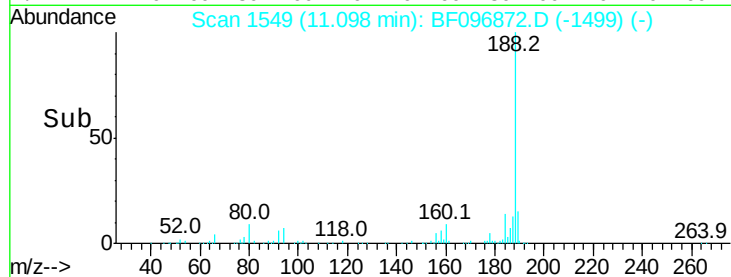
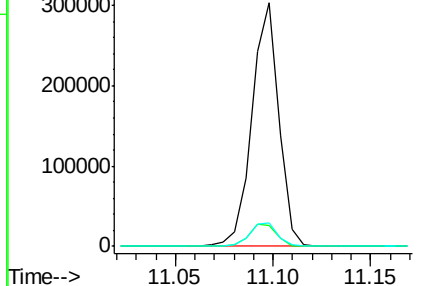
7/20/2017 5:09:15 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.808 ng

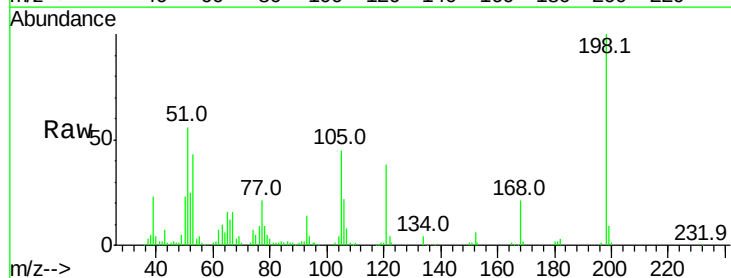
RT: 10.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

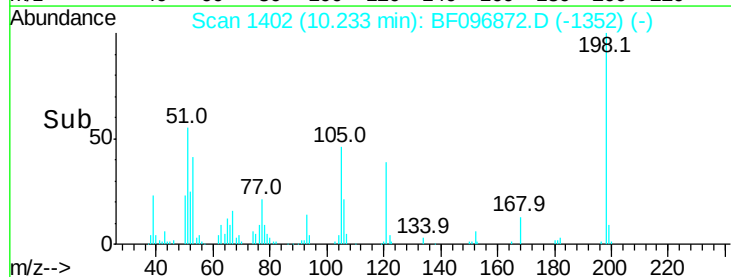
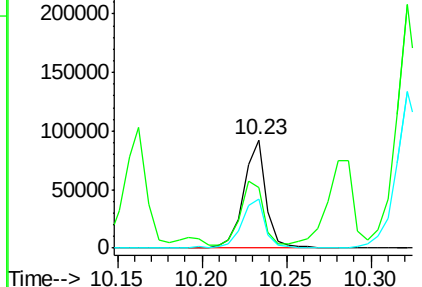
Tgt Ion:198	Resp:	84890
Ion Ratio	Lower	Upper
198 100		
51 55.9	53.2	93.2
105 45.3	45.8	85.8#

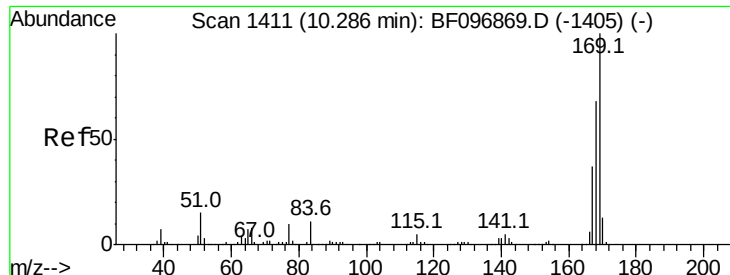


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





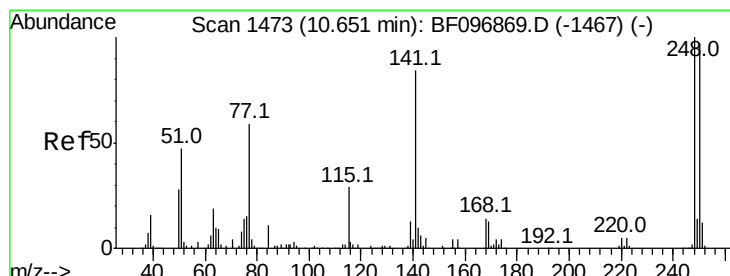
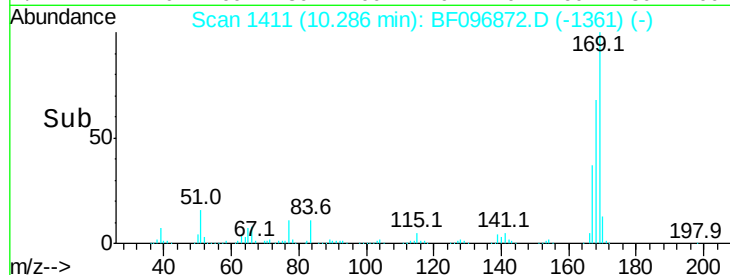
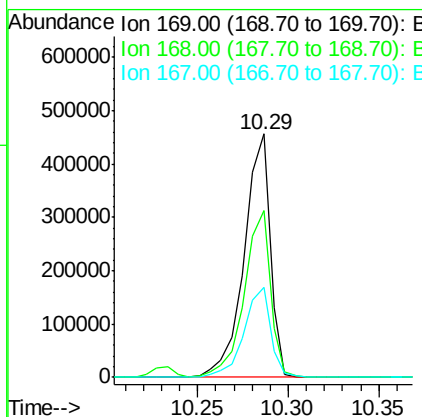
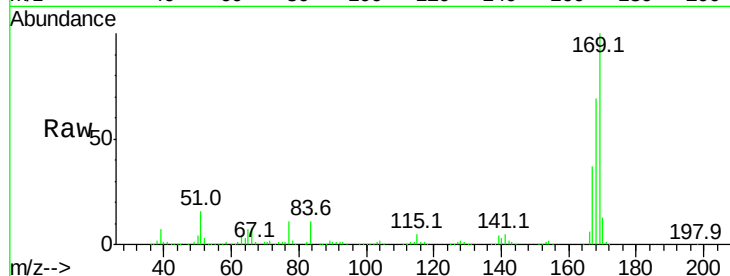
#65
 n-Nitrosodiphenylamine
 Concen: 44.231 ng
 RT: 10.29 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	456697		
168	68.6	53.2	79.8	
167	37.0	29.5	44.3	

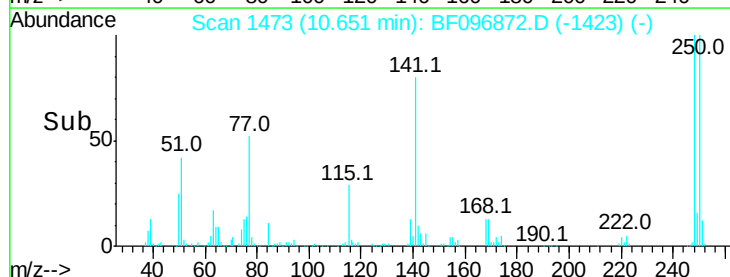
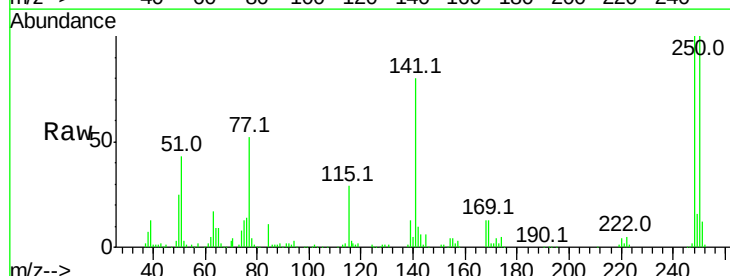
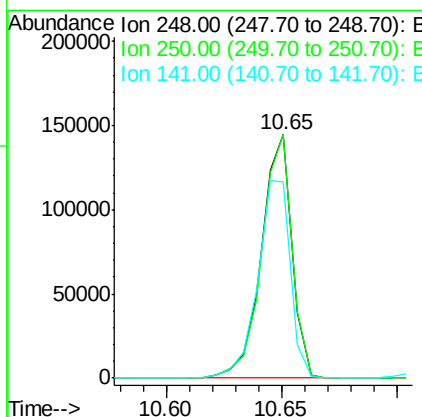
Manual Integrations
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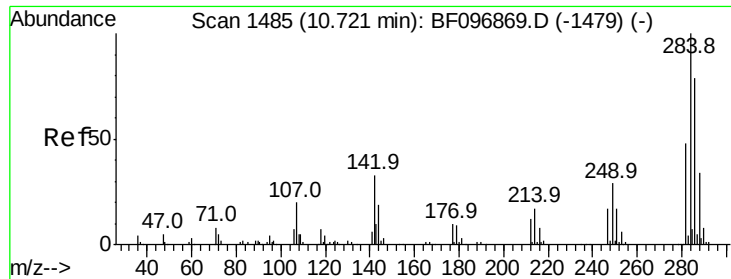
Sohil
 7/20/2017 5:09:15 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.282 ng
 RT: 10.65 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	133539		
250	100.0	76.8	115.2	
141	80.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 43.838 ng

RT: 10.72 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

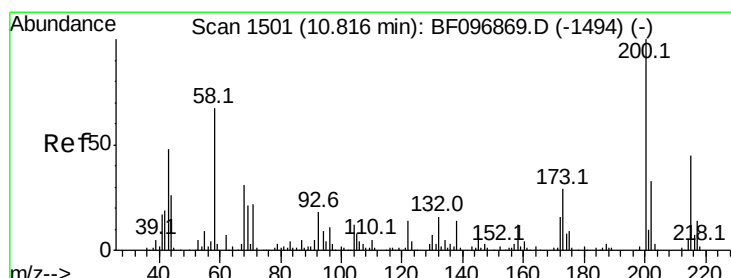
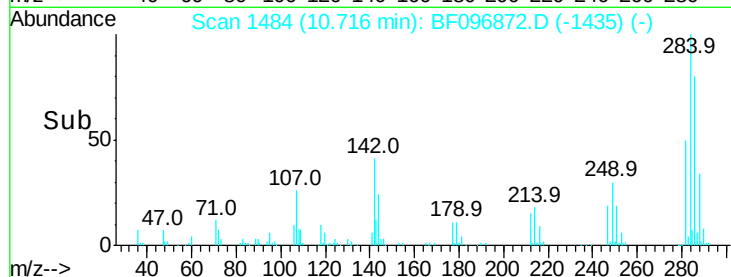
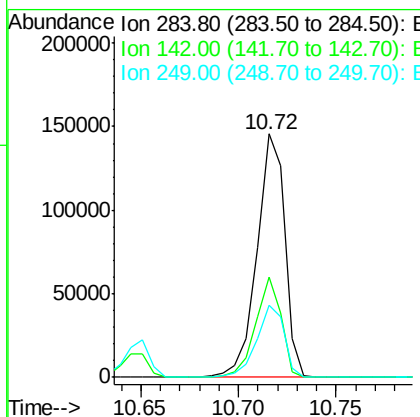
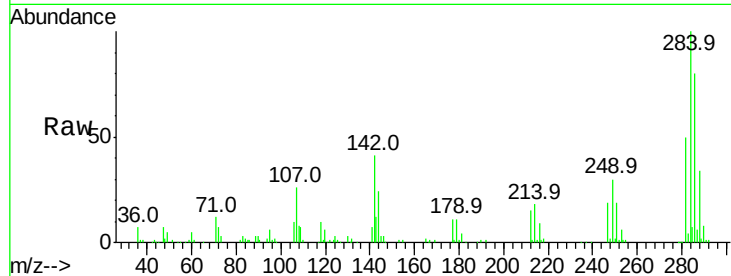
PB100755BS

Tot Ion:	284	Resp:	143990
Ion Ratio		Lower	Upper
284	100		
142	41.1	22.8	34.2#
249	29.8	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 45.798 ng

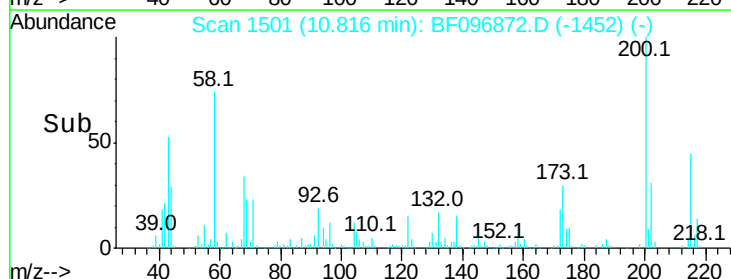
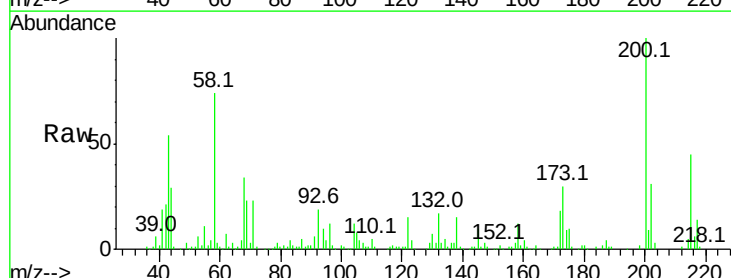
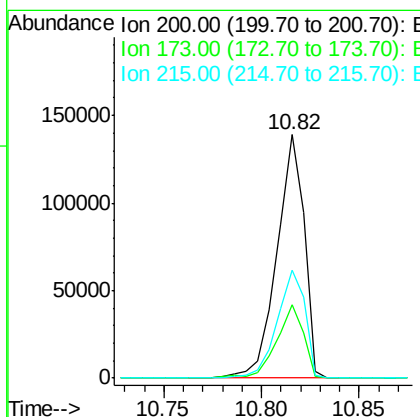
RT: 10.82 min Scan# 1501

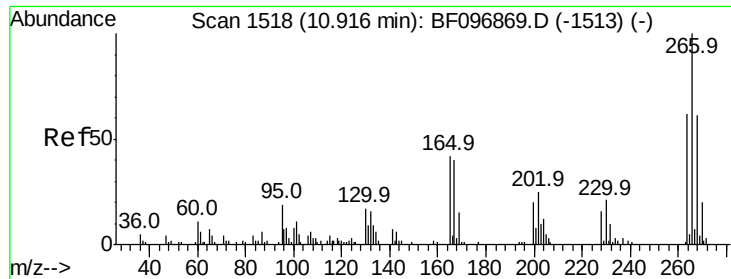
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	200	Resp:	134725
Ion Ratio		Lower	Upper
200	100		
173	30.2	6.3	46.3
215	44.6	27.2	67.2





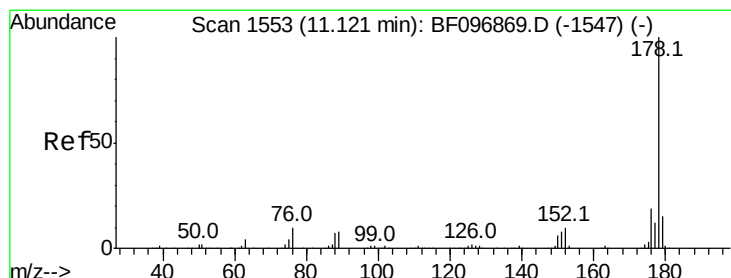
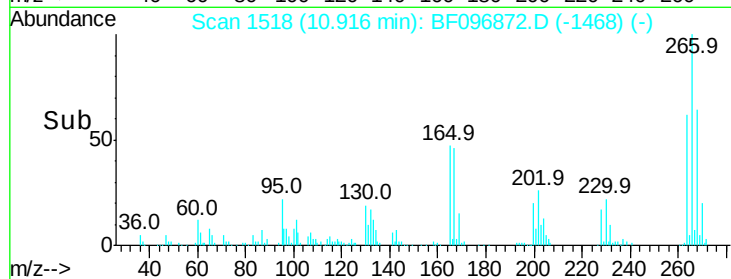
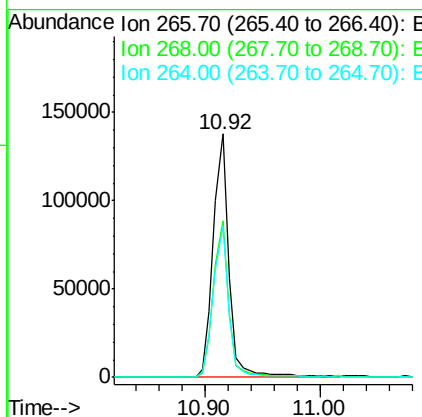
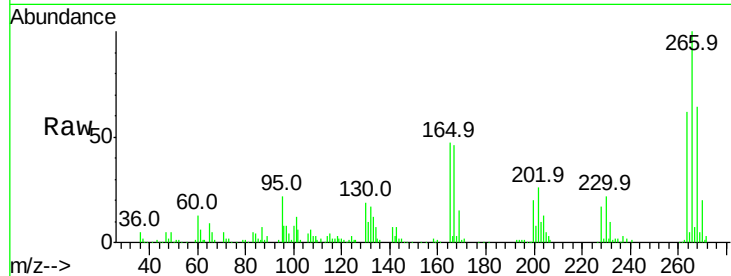
#69
 Pentachlorophenol
 Concen: 83.150 ng
 RT: 10.92 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampled :
 PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	131939		
268	64.3	51.1	76.7	
264	62.0	51.7	77.5	

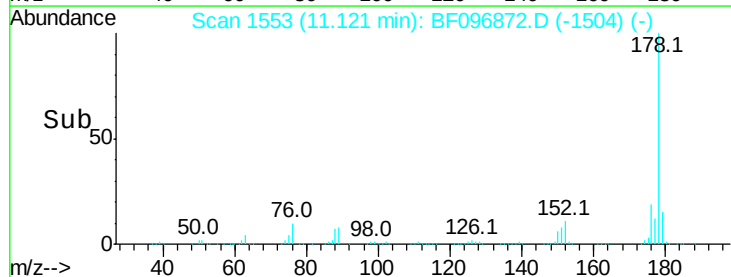
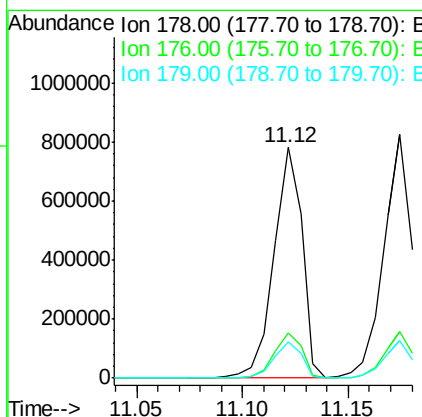
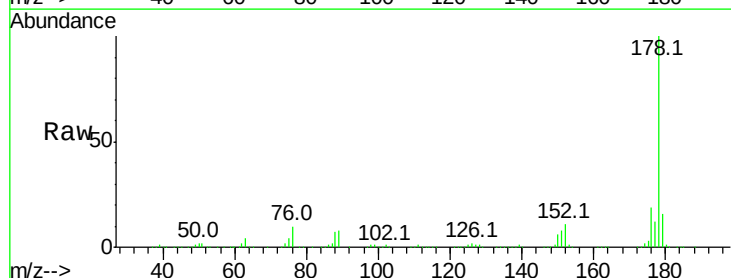
Manual Integrations
 APPROVED

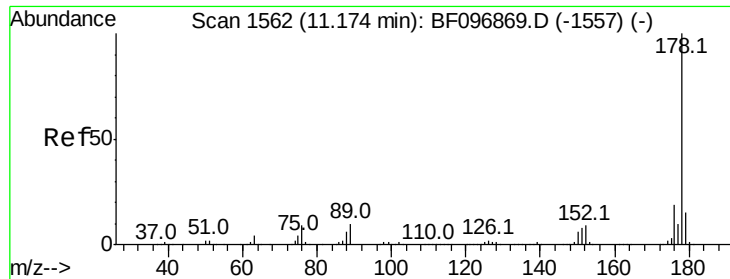
Sohil
 7/20/2017 5:09:15 PM



#70
 Phenanthrene
 Concen: 46.522 ng
 RT: 11.12 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	730667		
176	19.4	16.2	24.4	
179	15.5	12.6	19.0	





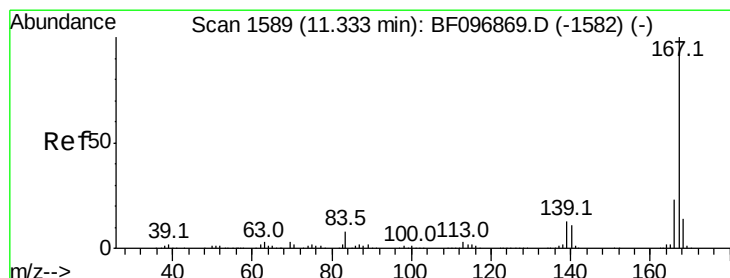
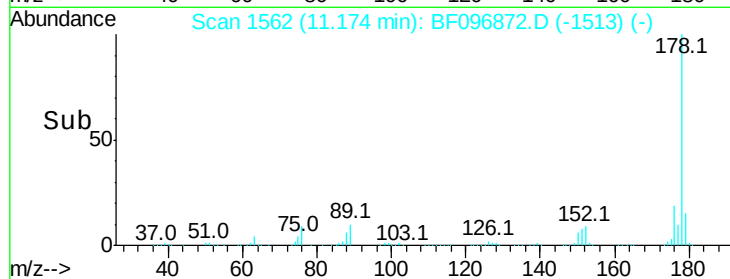
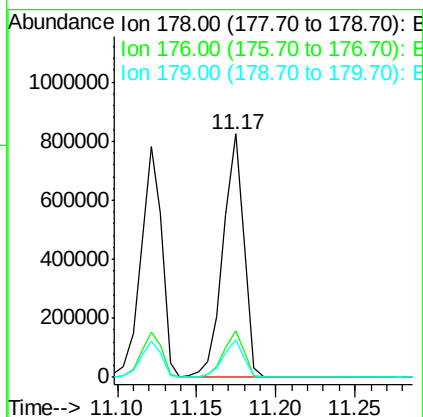
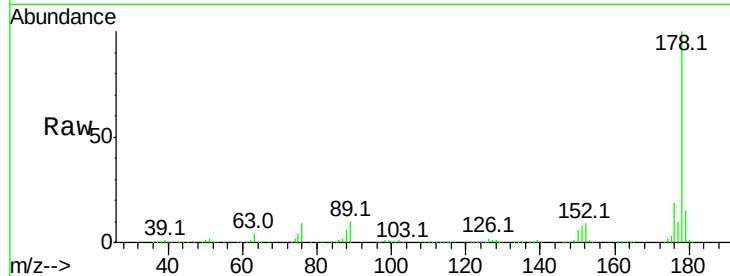
#71
 Anthracene
 Concen: 47.278 ng
 RT: 11.17 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleID :
 PB100755BS

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

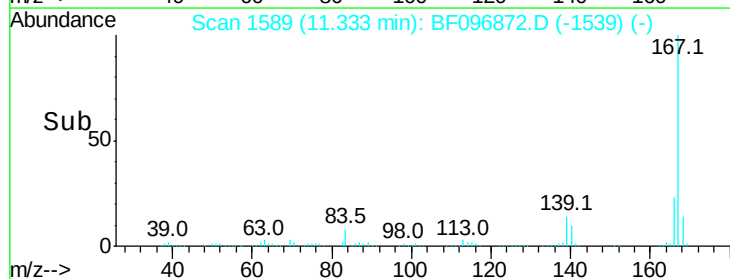
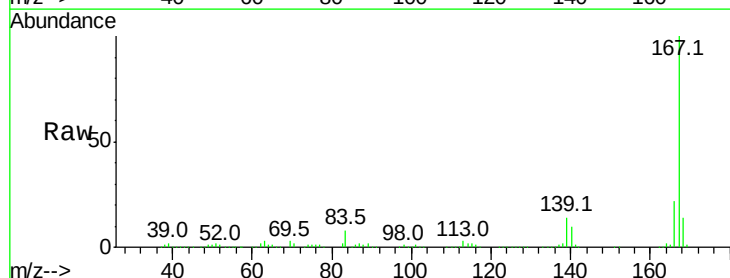
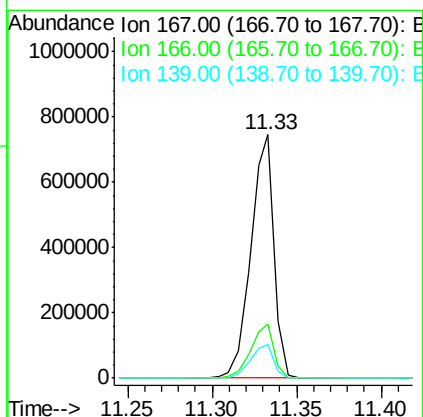
Manual Integrations
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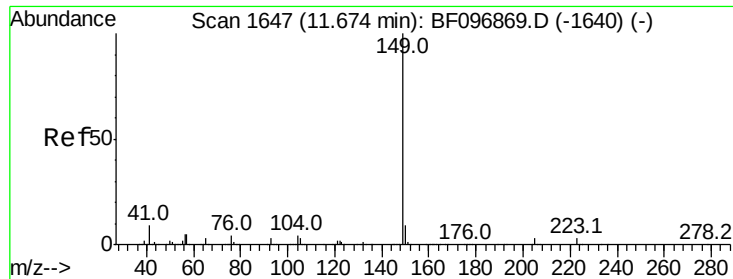
Sohil
 7/20/2017 5:09:15 PM



#72
 Carbazole
 Concen: 46.376 ng
 RT: 11.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 45.093 ng

RT: 11.67 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

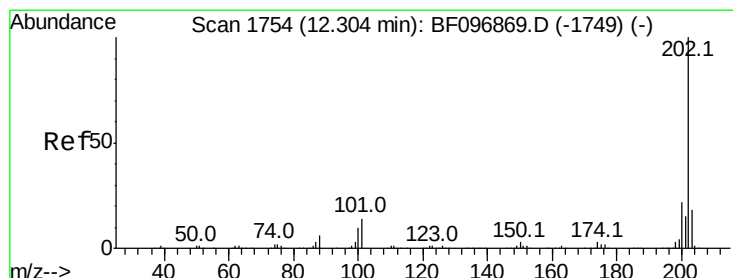
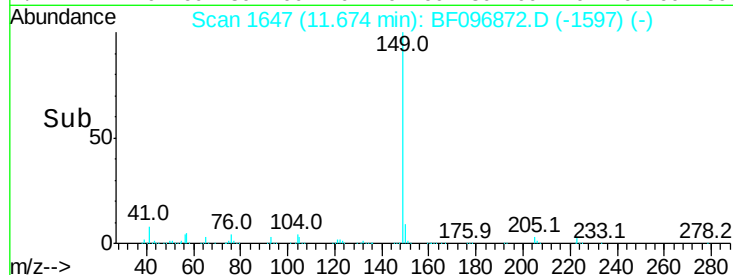
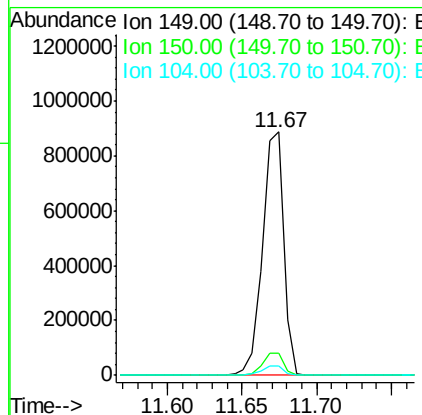
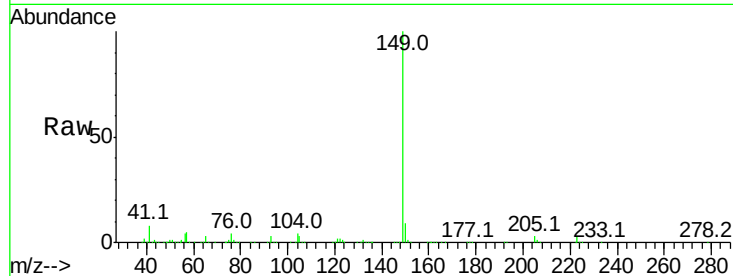
ClientSampleId :

PB100755BS

Tot Ion:	149	Resp:	863606
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.1	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/20/2017 5:09:15 PM



#74

Fluoranthene

Concen: 48.579 ng

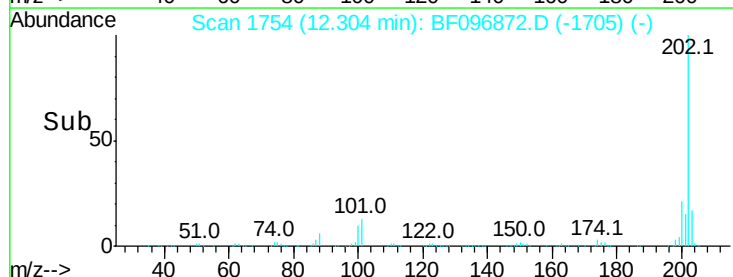
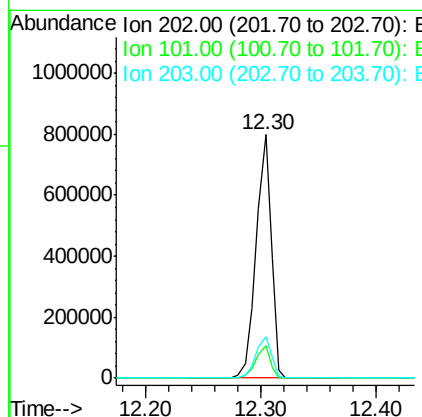
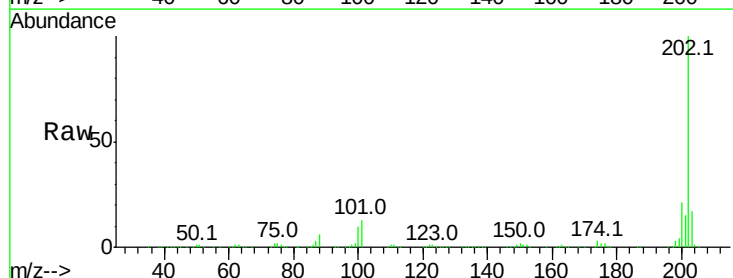
RT: 12.30 min Scan# 1754

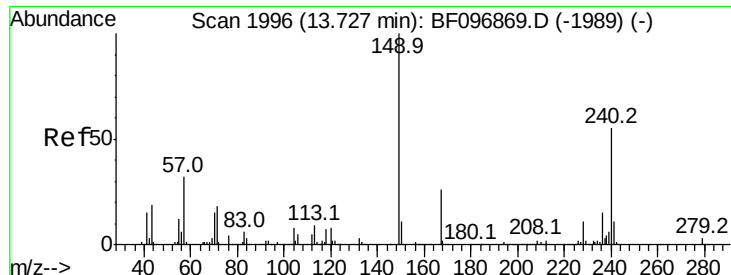
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	202	Resp:	730301
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

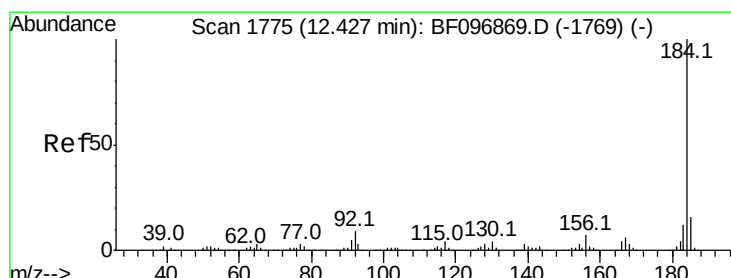
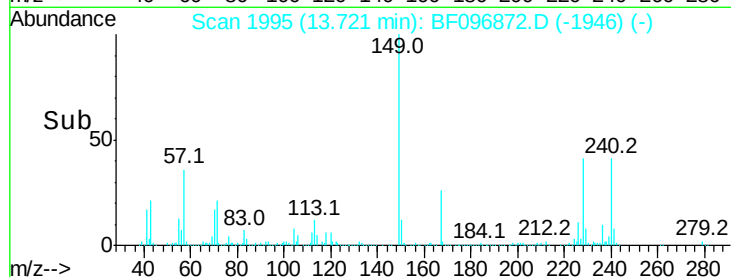
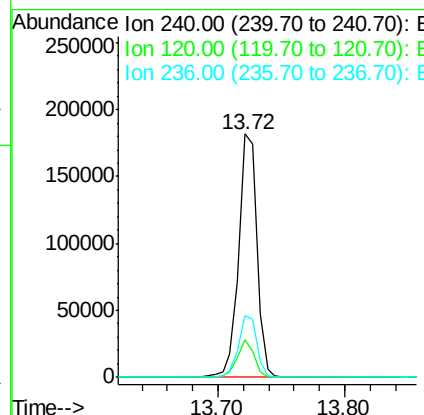
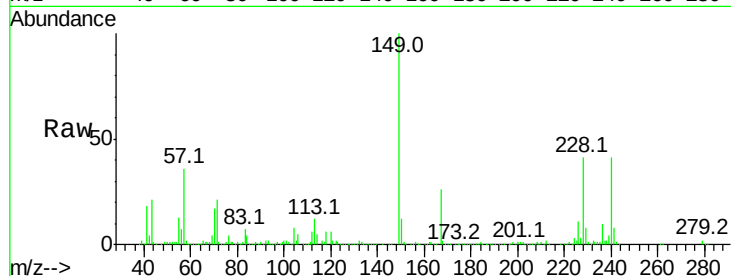
ClientSampled :

PB100755BS

Tot Ion:240 Resp: 179506
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.8 8.8#
 236 25.4 20.5 30.7

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#76

Benzidine

Concen: 54.470 ng m

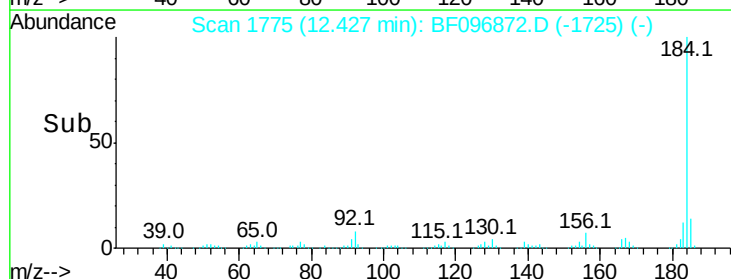
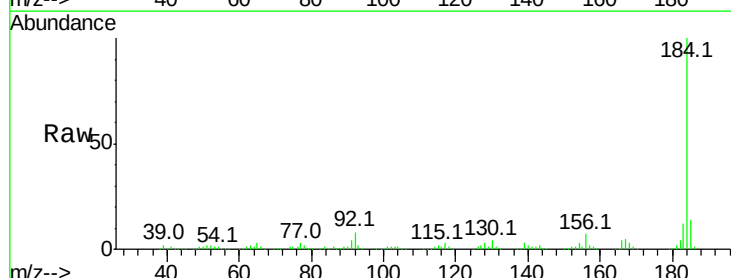
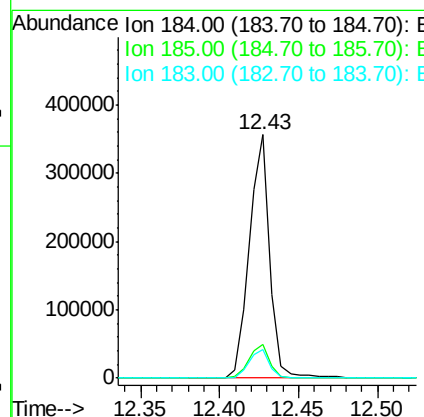
RT: 12.43 min Scan# 1775

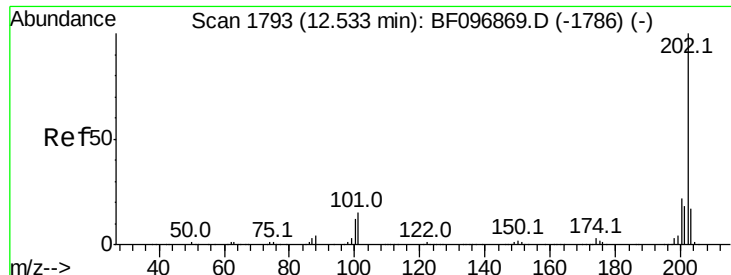
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:184 Resp: 320319
 Ion Ratio Lower Upper
 184 100
 185 14.0 15.5 23.3#
 183 12.0 9.8 14.6





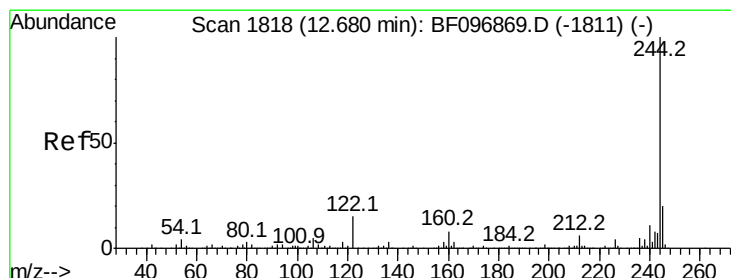
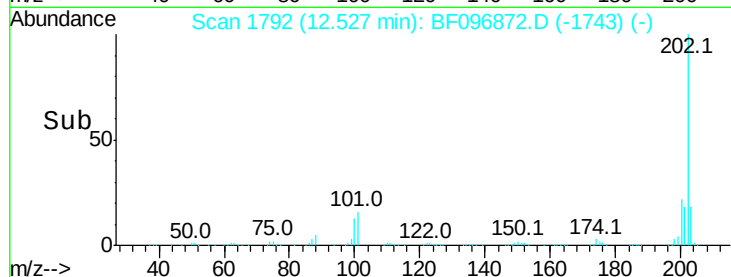
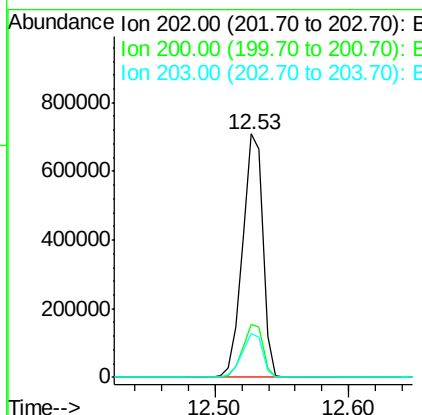
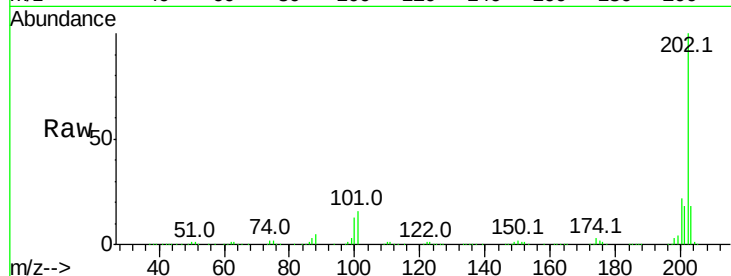
#77
Pvrene
Concen: 45.590 ng
RT: 12.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB100755BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.9	14.4	21.6

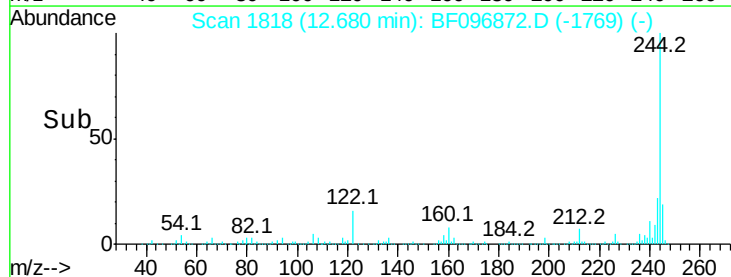
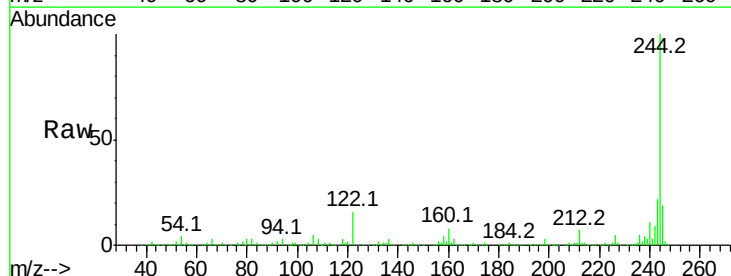
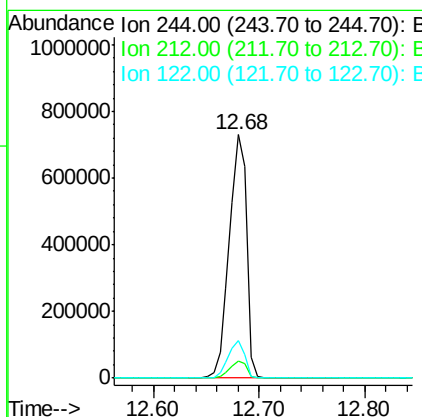
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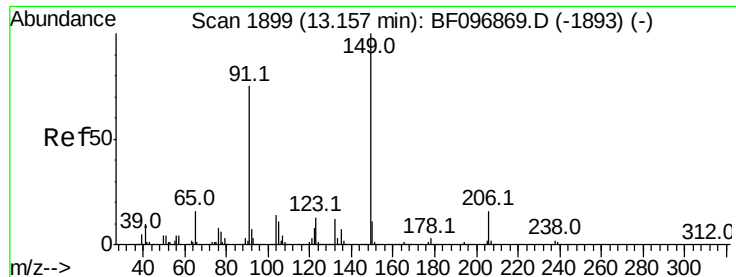
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#78
Terphenyl-d14
Concen: 79.799 ng
RT: 12.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	15.6	10.3	15.5#





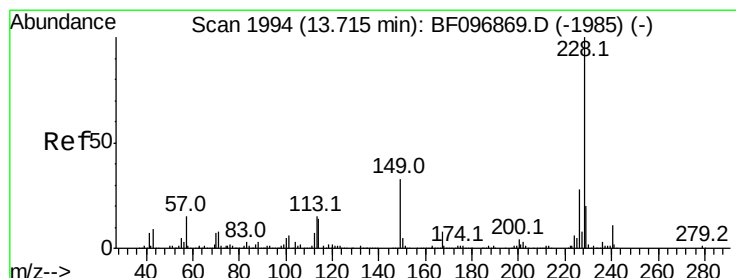
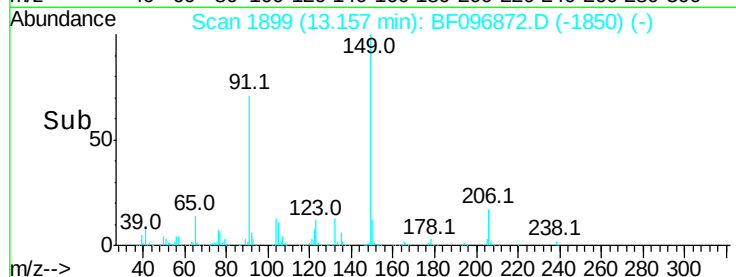
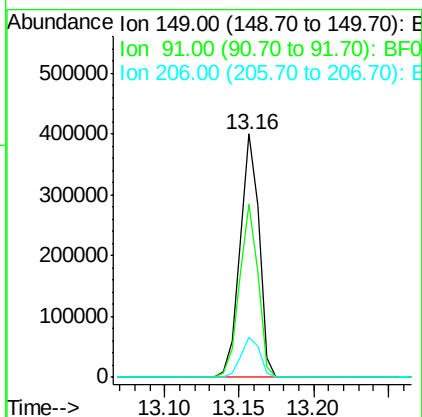
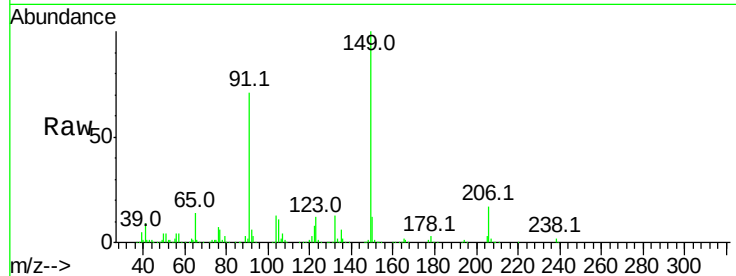
#79
Butylbenzylphthalate
Concen: 45.724 ng
RT: 13.16 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Instrument :
BNA_F
ClientSampled :
PB100755BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.0	45.0	67.4#	
206	16.6	17.0	25.6#	

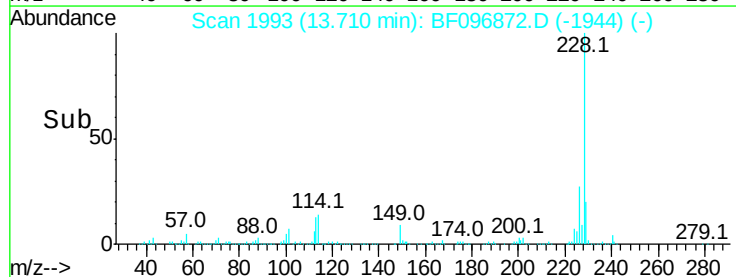
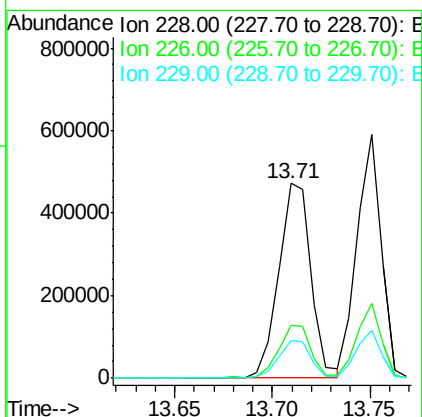
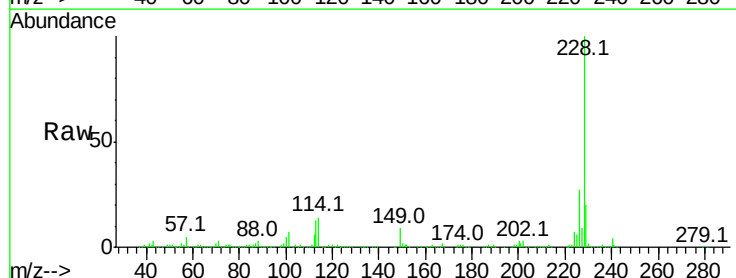
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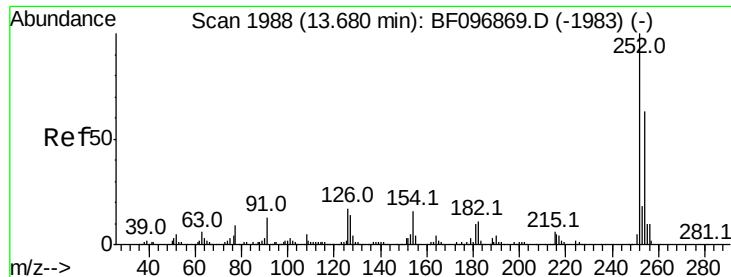
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#80
Benzo(a)anthracene
Concen: 48.362 ng
RT: 13.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF096872.D
Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.3	22.6	33.8	
229	19.5	16.3	24.5	





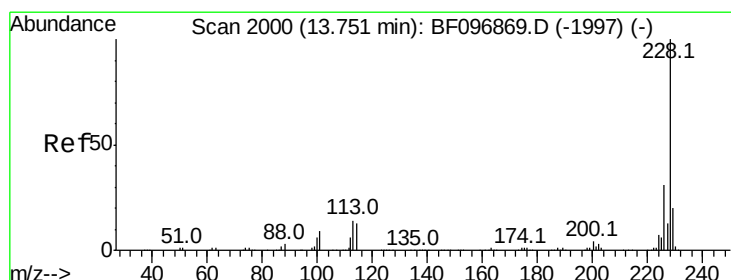
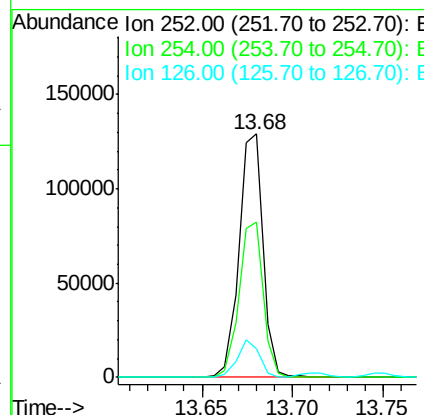
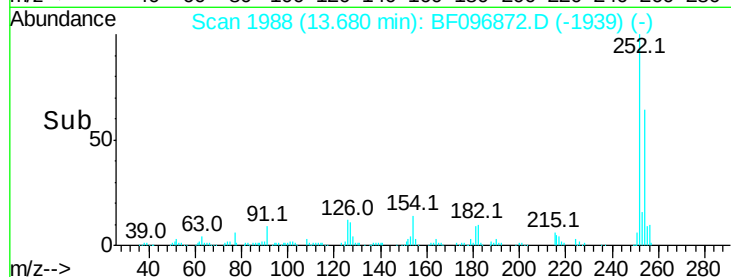
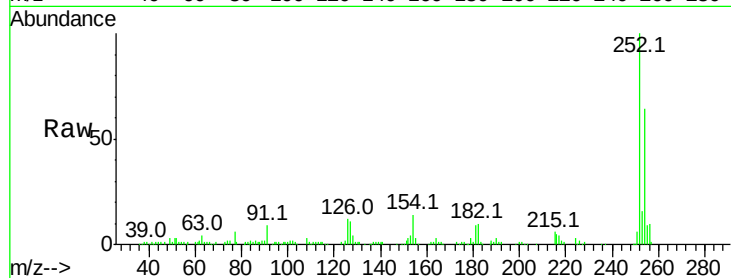
#81
 3,3'-Dichlorobenzidine
 Concen: 29.608 ng
 RT: 13.68 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	51.5	77.3
126	11.9	15.8	23.8

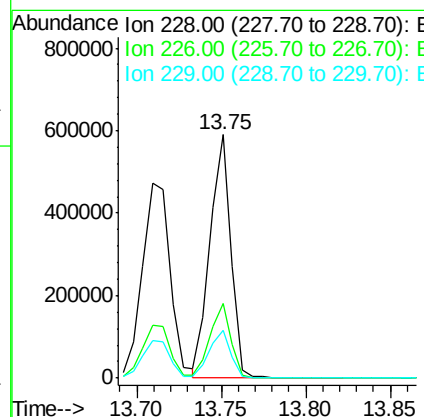
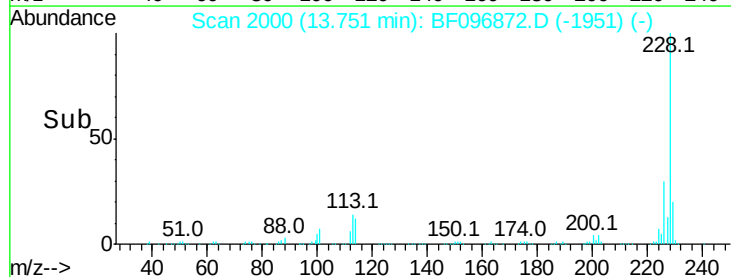
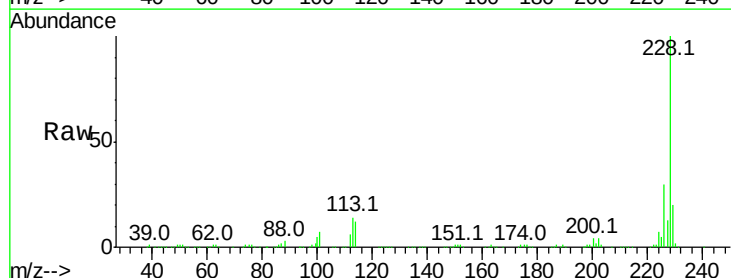
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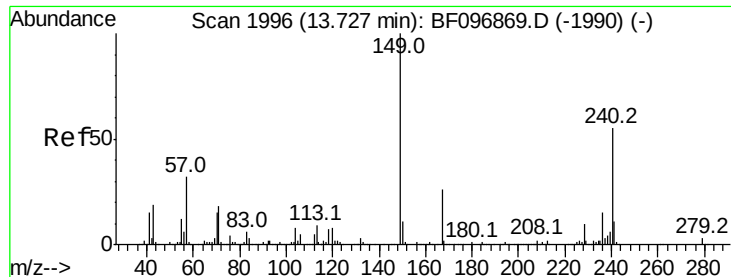
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#82
 Chrysene
 Concen: 46.624 ng
 RT: 13.75 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.442 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

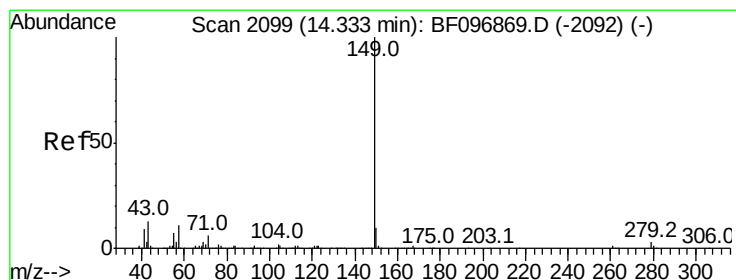
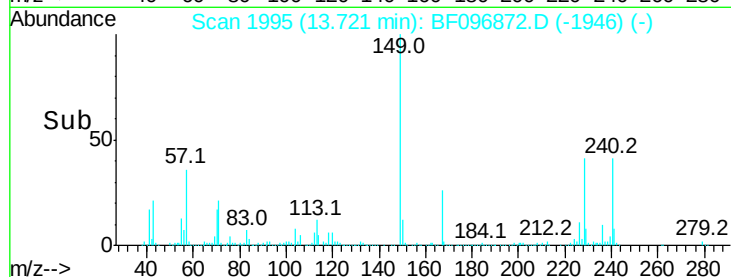
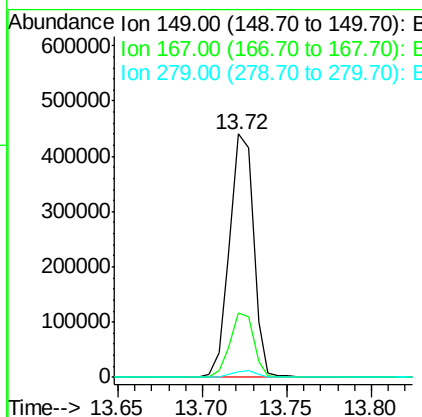
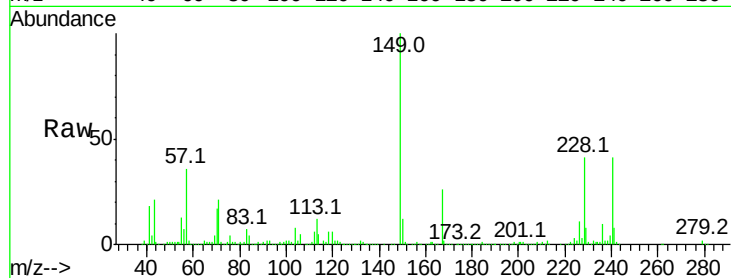
ClientSampleId :

PB100755BS

Tot Ion:	149	Resp:	437781
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.0	31.4
279	2.4	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 46.523 ng

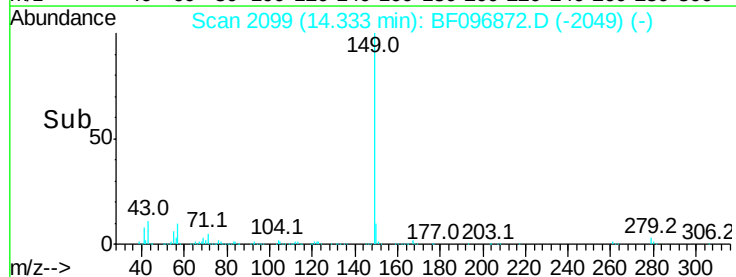
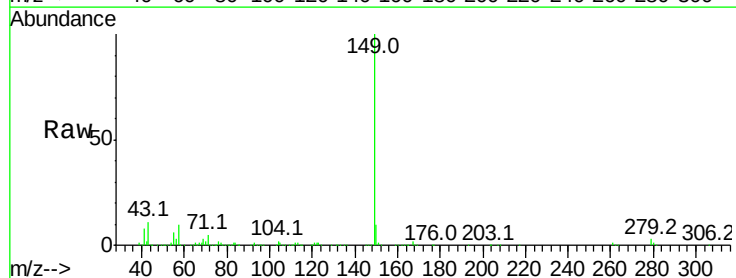
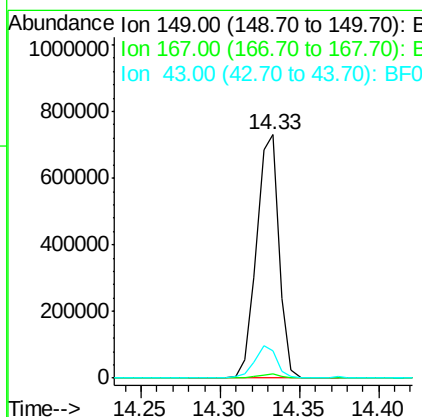
RT: 14.33 min Scan# 2099

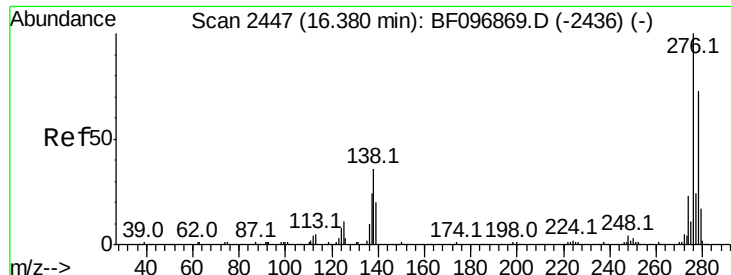
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	149	Resp:	724921
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.6	8.5	12.7





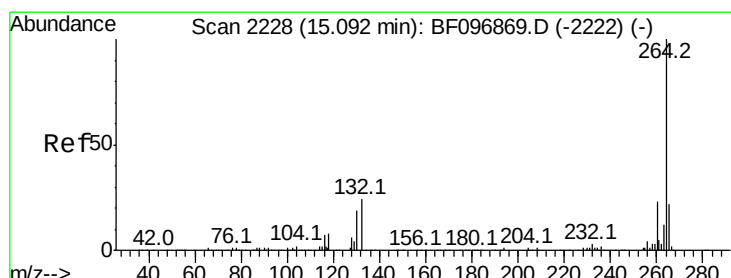
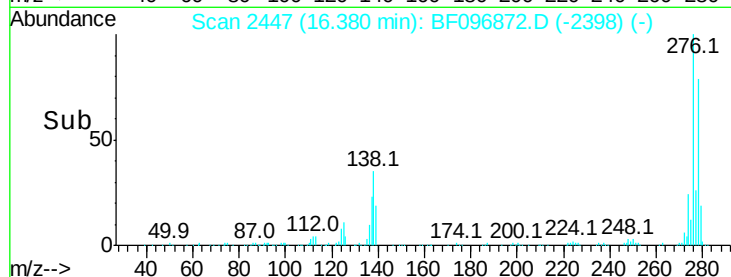
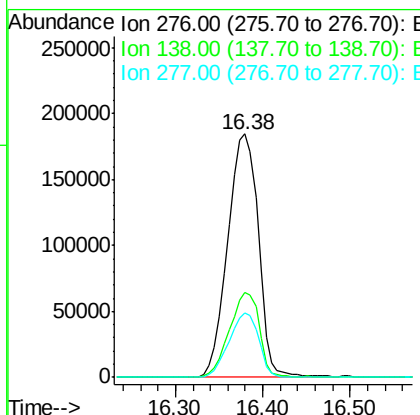
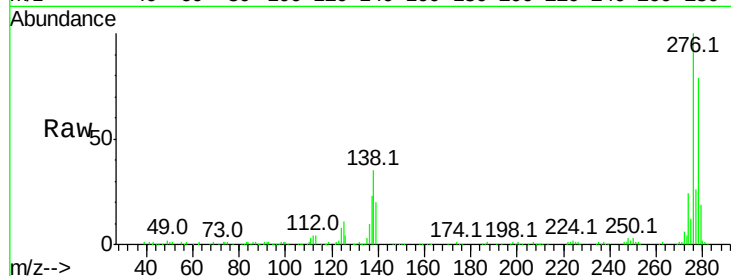
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.536 ng
 RT: 16.38 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.8	41.6
277	25.6	20.2	30.4

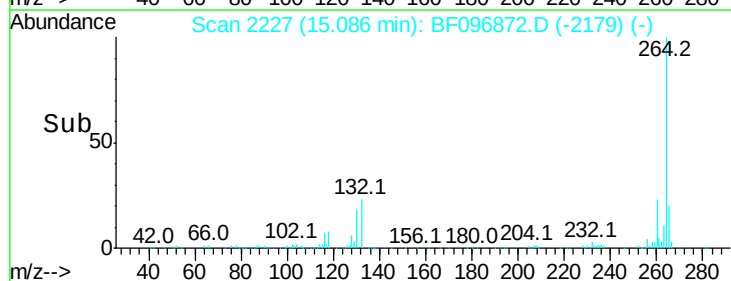
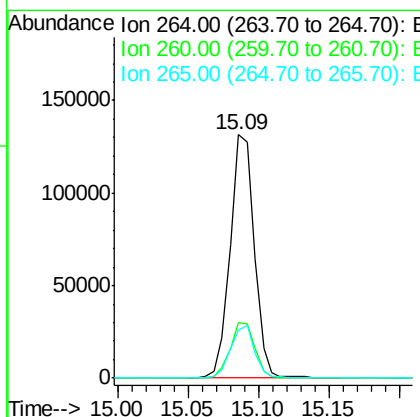
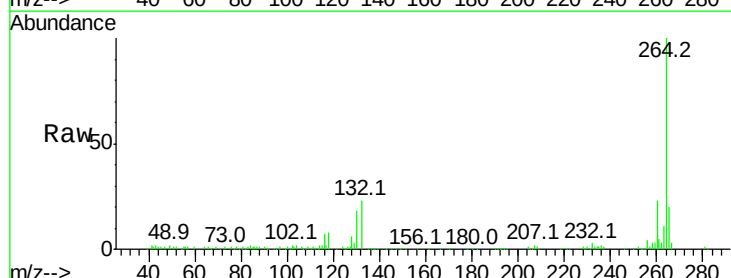
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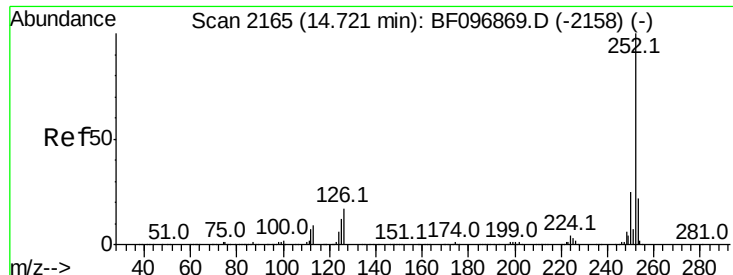
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	19.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.038 ng

RT: 14.72 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

ClientSampleId :

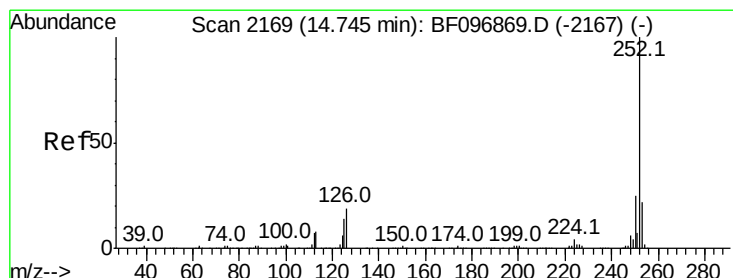
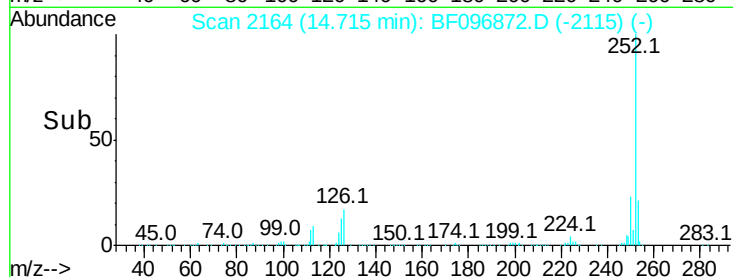
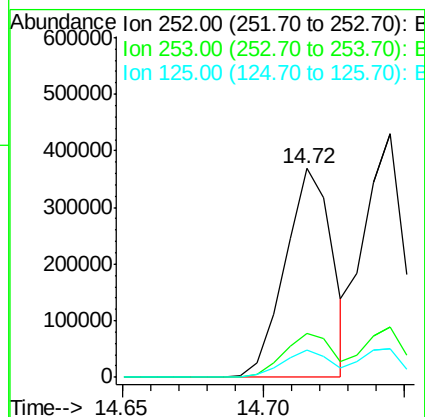
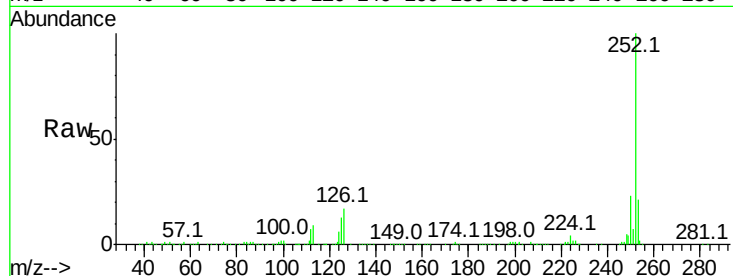
PB100755BS

Tot Ion:	252	Resp:	426923
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.1	27.1
125	13.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 46.556 ng m

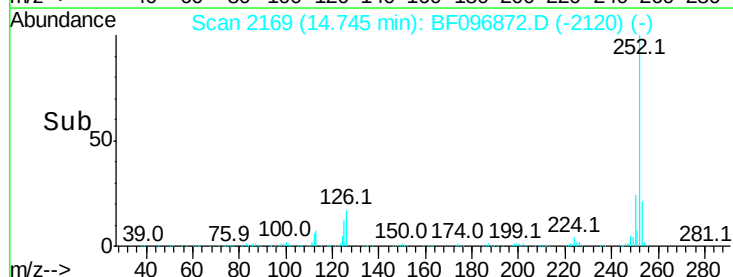
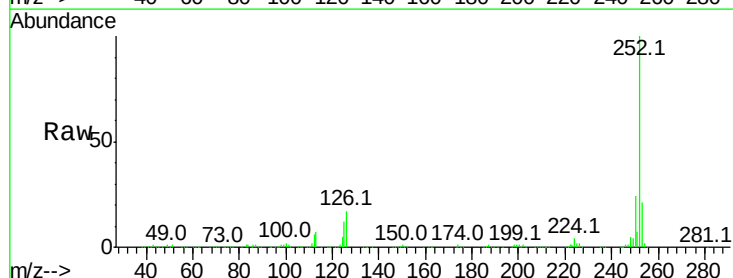
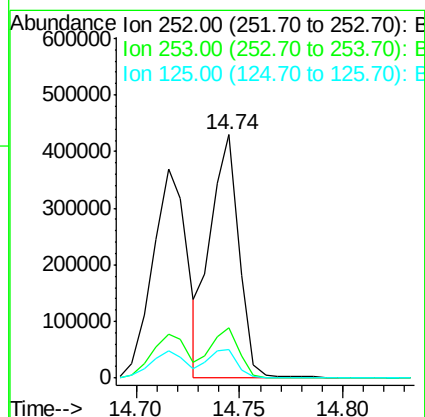
RT: 14.74 min Scan# 2169

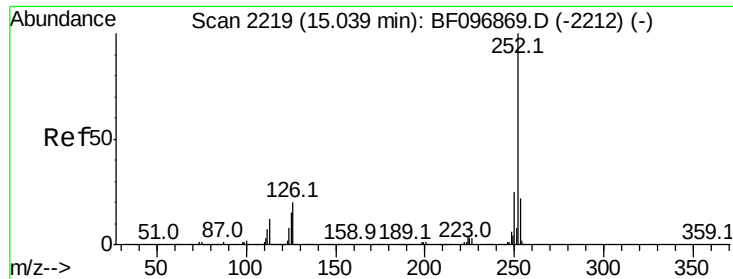
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	252	Resp:	417900
Ion Ratio	Lower	Upper	
252	100		
253	20.7	18.4	27.6
125	11.6	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 46.681 ng

RT: 15.04 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Instrument :

BNA_F

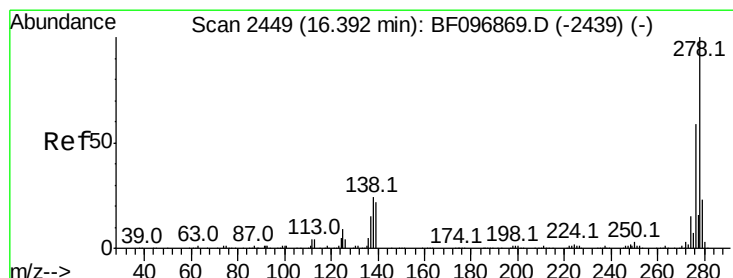
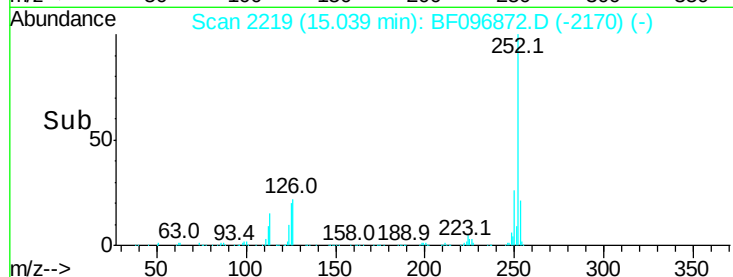
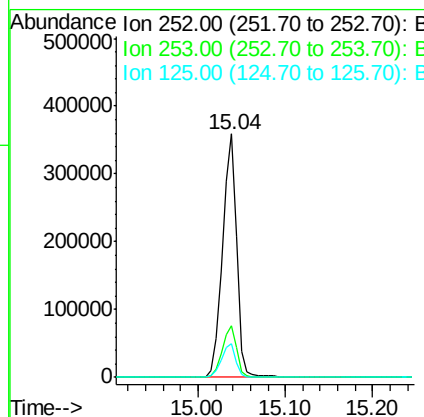
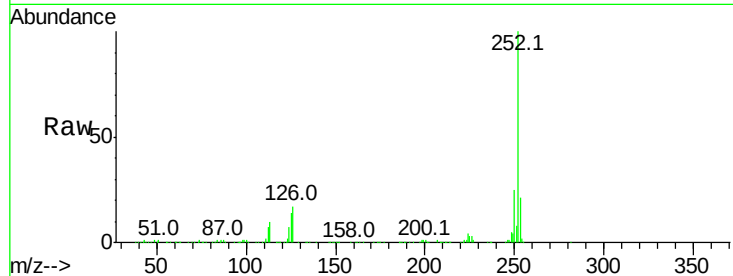
ClientSampleId :

PB100755BS

Tot Ion:	252	Resp:	405854
Ion Ratio		Lower	Upper
252	100		
253	21.2	17.5	26.3
125	13.9	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 44.501 ng

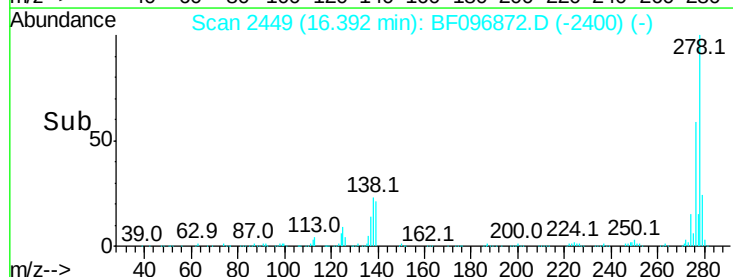
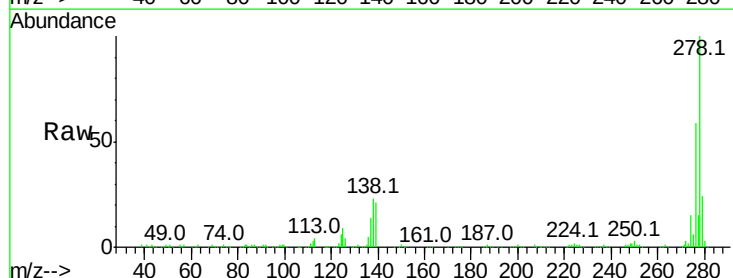
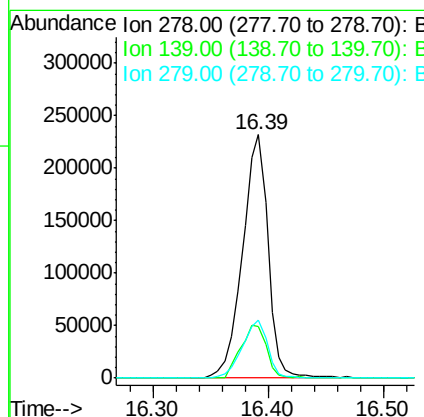
RT: 16.39 min Scan# 2449

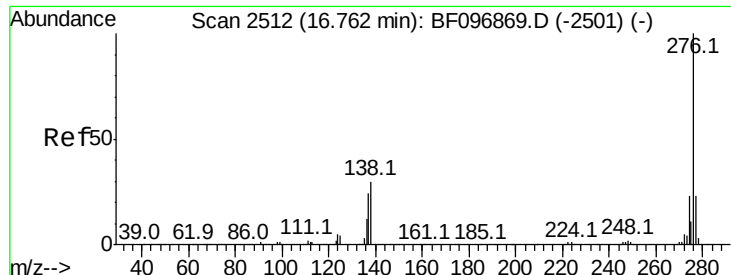
Delta R.T. -0.01 min

Lab File: BF096872.D

Acq: 19 Jul 2017 16:15

Tgt Ion:	278	Resp:	356006
Ion Ratio		Lower	Upper
278	100		
139	21.4	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.941 ng
 RT: 16.76 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BF096872.D
 Acq: 19 Jul 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BS

Tot Ion:	276	Resp:	384996
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.6	28.0
138	30.4	25.4	38.0

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