

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098599.D
 Acq On : 18 Sep 2017 13:50
 Operator : SJ/JU
 Sample : PB102369BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:31:37 PM

Quant Time: Sep 19 05:50:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	117422	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	506228	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	257627	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	506000	20.00	ng	0.00
75) Chrysene-d12	13.79	240	340917	20.00	ng	0.00
86) Perylene-d12	15.18	264	246755	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1033942	130.19	ng	0.02
7) Phenol-d6	6.30	99	1258548	124.81	ng	0.00
23) Nitrobenzene-d5	7.21	82	789041	86.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	305564	177.71	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1552708	102.15	ng	0.00
78) Terphenyl-d14	12.74	244	1508544	95.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	133179	32.490	ng	# 88
3) Pyridine	3.01	79	338726	31.116	ng	# 80
4) n-Nitrosodimethylamine	2.98	42	186884	35.018	ng	# 89
6) Aniline	6.30	93	406620	32.144	ng	# 21
8) 2-Chlorophenol	6.43	128	369585	42.321	ng	# 98
9) Benzaldehyde	6.19	77	130134	19.742	ng	# 97
10) Phenol	6.31	94	460278	39.299	ng	# 85
11) bis(2-Chloroethyl)ether	6.38	93	335053	37.943	ng	# 95
12) 1,3-Dichlorobenzene	6.57	146	374376	42.591	ng	# 99
13) 1,4-Dichlorobenzene	6.65	146	380211	42.229	ng	# 95
14) 1,2-Dichlorobenzene	6.80	146	347104	42.315	ng	# 97
15) Benzyl Alcohol	6.79	79	326674	48.679	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	534042	36.756	ng	# 20
17) 2-Methylphenol	6.91	107	307720	43.212	ng	# 86
18) Hexachloroethane	7.14	117	143737	41.686	ng	# 89
19) n-Nitroso-di-n-propylamine	7.06	70	268692	42.363	ng	# 97
20) 3+4-Methylphenols	7.07	107	413124	45.971	ng	# 67
22) Acetophenone	7.05	105	530394	40.538	ng	# 91
24) Nitrobenzene	7.23	77	399993	38.672	ng	# 98
25) Isophorone	7.47	82	726118	39.523	ng	# 97
26) 2-Nitrophenol	7.54	139	197265	47.236	ng	# 77
27) 2,4-Dimethylphenol	7.59	122	339276	42.618	ng	# 94
28) bis(2-Chloroethoxy)methane	7.68	93	455887	40.667	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	318126	48.048	ng	# 98
30) 1,2,4-Trichlorobenzene	7.86	180	333508	46.306	ng	# 99
31) Naphthalene	7.94	128	1086479	43.415	ng	# 99
32) Benzoic acid	7.76	122	219291	42.215	ng	# 95
33) 4-Chloroaniline	8.00	127	356352	35.037	ng	# 99
34) Hexachlorobutadiene	8.05	225	178777	48.352	ng	# 99
35) Caprolactam	8.39	113	98037m	42.939	ng	# 99
36) 4-Chloro-3-methylphenol	8.50	107	375624	45.746	ng	# 85
37) 2-Methylnaphthalene	8.63	142	734731	48.469	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	328283	40.908	ng	# 99
40) Hexachlorocyclopentadiene	8.78	237	190008	80.747	ng	# 99

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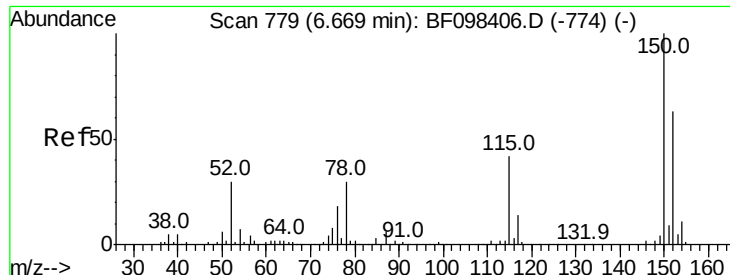
Manual Integrations
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 9/19/2017 5:31:37 PM

Quant Time: Sep 19 05:50:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	218271	46.306	nq	94
43) 2,4,5-Trichlorophenol	8.97	196	227957	46.269	nq	96
45) 1,1'-Biphenyl	9.10	154	921701	39.971	nq	99
46) 2-Chloronaphthalene	9.12	162	694934	42.198	nq #	92
47) 2-Nitroaniline	9.23	65	256030	40.506	nq	92
48) Acenaphthylene	9.53	152	1035489	42.289	nq	99
49) Dimethylphthalate	9.41	163	894173	44.838	nq	98
50) 2,6-Dinitrotoluene	9.47	165	190625	46.535	nq #	74
51) Acenaphthene	9.70	154	668713	42.963	nq	97
52) 3-Nitroaniline	9.65	138	164425	33.251	nq	98
53) 2,4-Dinitrophenol	9.76	184	179924	91.542	nq #	81
54) Dibenzofuran	9.88	168	968365	47.226	nq	98
55) 4-Nitrophenol	9.83	139	214385	75.461	nq #	42
56) 2,4-Dinitrotoluene	9.89	165	250543	50.308	nq #	84
57) Fluorene	10.22	166	778830	45.889	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	190009	57.386	nq	94
59) Diethylphthalate	10.10	149	887615	46.801	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	389031	49.626	nq	93
61) 4-Nitroaniline	10.27	138	194115	38.871	nq	84
62) Azobenzene	10.37	77	850151	41.590	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	139440	45.247	nq #	72
65) n-Nitrosodiphenylamine	10.34	169	706096	42.976	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	232390	48.390	nq	98
67) Hexachlorobenzene	10.77	284	223708	45.924	nq #	88
68) Atrazine	10.87	200	242191	47.881	nq	99
69) Pentachlorophenol	10.97	266	179947	83.152	nq	95
70) Phenanthrene	11.18	178	1190890	44.395	nq	98
71) Anthracene	11.23	178	1223653	44.431	nq	98
72) Carbazole	11.39	167	1048185	40.838	nq	100
73) Di-n-butylphthalate	11.72	149	1421981	46.239	nq	99
74) Fluoranthene	12.36	202	1210892	45.093	nq	98
76) Benzidine	12.49	184	492167	32.620	nq #	93
77) Pyrene	12.59	202	1212731	45.093	nq	100
79) Butylbenzylphthalate	13.21	149	584663	50.112	nq #	79
80) Benzo(a)anthracene	13.78	228	905912	45.324	nq	98
81) 3,3'-Dichlorobenzidine	13.74	252	270417	34.814	nq #	95
82) Chrysene	13.82	228	875719	43.344	nq	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	799631	54.610	nq #	100
84) Di-n-octyl phthalate	14.38	149	1305640	51.971	nq	100
85) Indeno(1,2,3-cd)pyrene	16.52	276	589715	41.603	nq	93
87) Benzo(b)fluoranthene	14.79	252	703700	45.355	nq	98
88) Benzo(k)fluoranthene	14.82	252	673251	46.481	nq #	93
89) Benzo(a)pyrene	15.13	252	643009	46.519	nq	98
90) Dibenzo(a,h)anthracene	16.52	278	500036	49.730	nq	98
91) Benzo(g,h,i)perylene	16.92	276	484465	47.903	nq #	91

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



#1

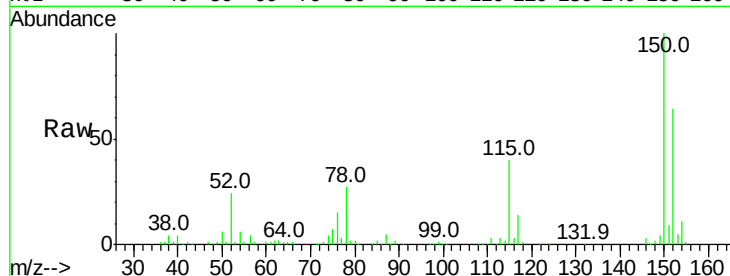
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	61.9	52.2	78.2

Manual Integrations
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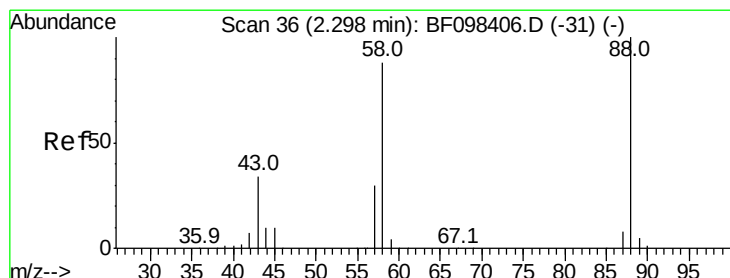
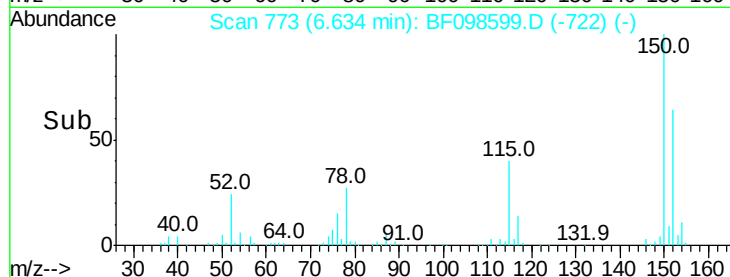
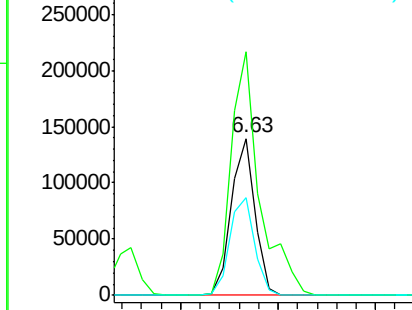


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

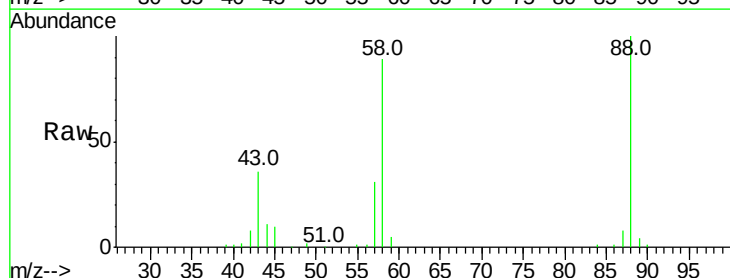
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.490 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.09 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	61.4	92.0
43	35.4	23.4	35.0#

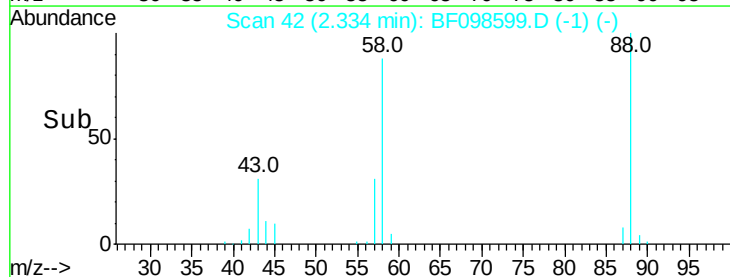
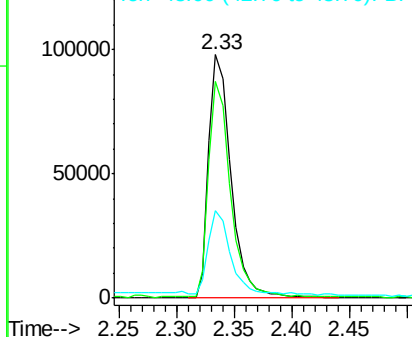


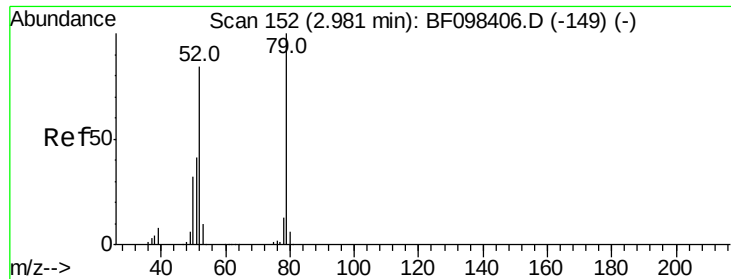
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.116 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.10 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

PB102369BS

Tot Ion: 79 Resp: 338726

Ion Ratio Lower Upper

79 100

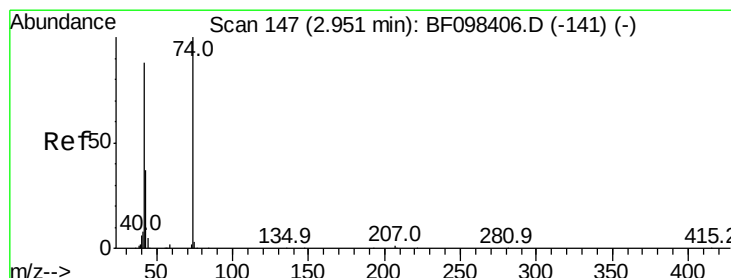
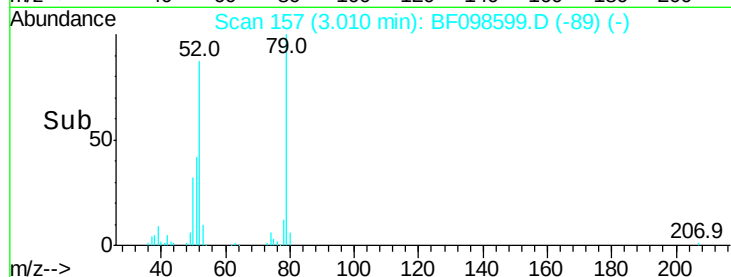
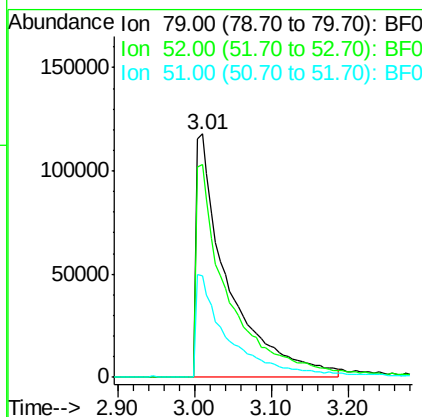
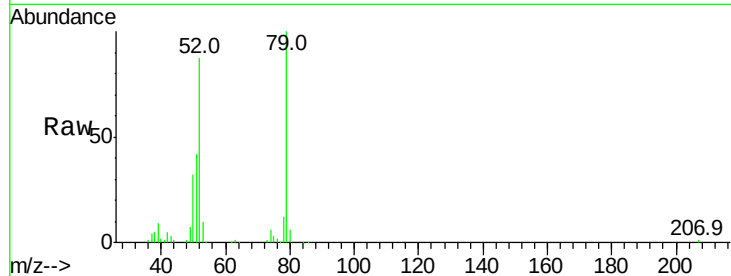
52 87.4 54.8 82.2#

51 41.6 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 35.018 ng

RT: 2.98 min Scan# 151

Delta R.T. 0.09 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

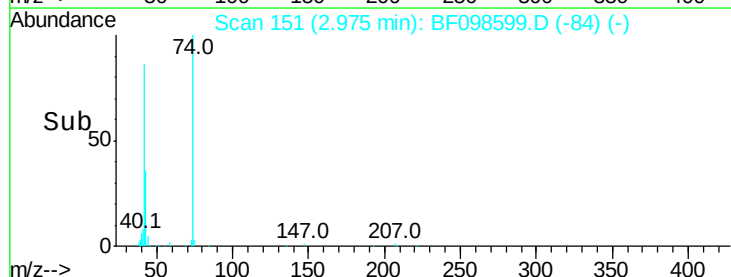
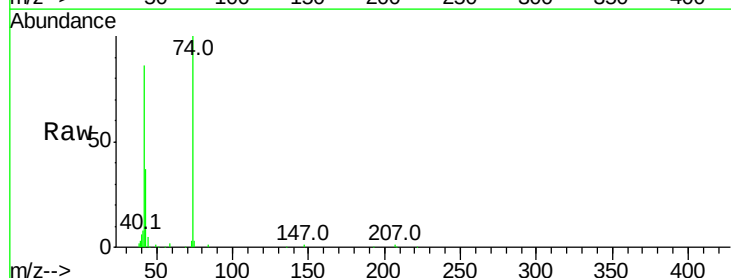
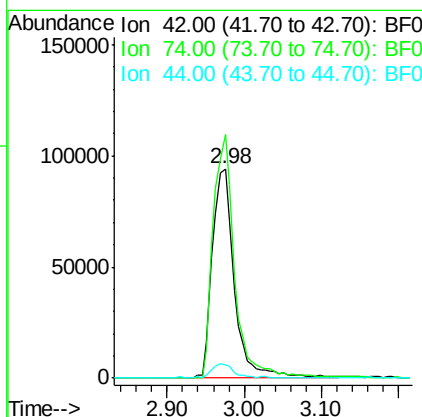
Tgt Ion: 42 Resp: 186884

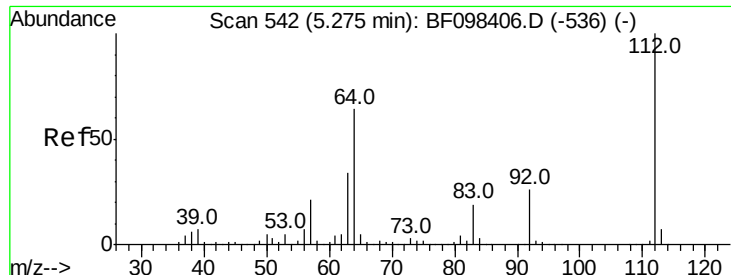
Ion Ratio Lower Upper

42 100

74 116.2 103.9 155.9

44 6.1 5.7 8.5





#5

2-Fluorophenol

Concen: 130.189 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.02 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

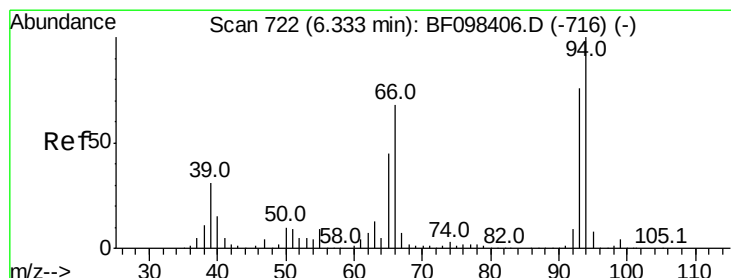
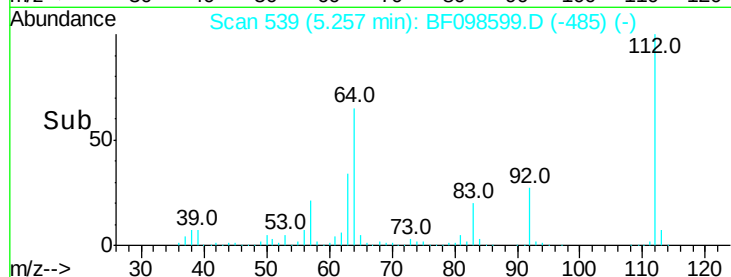
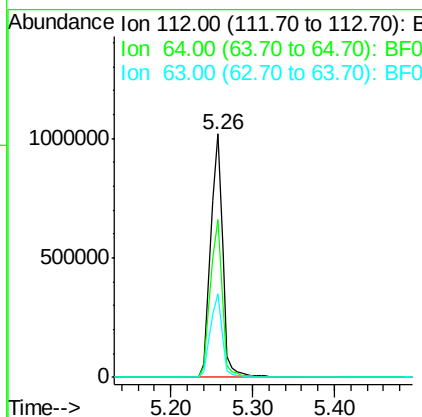
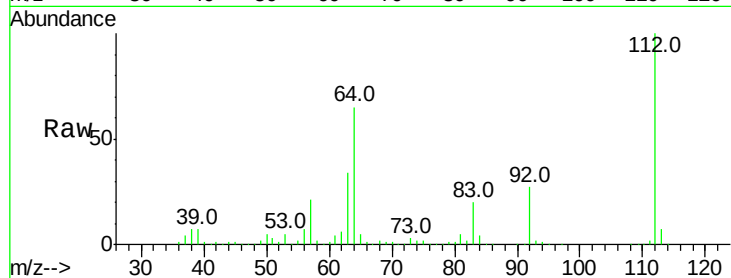
ClientSampleId :

PB102369BS

Tot Ion:	112	Resp:	1033942
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.0	69.0
63	34.4	23.4	35.0

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#6

Aniline

Concen: 32.144 ng

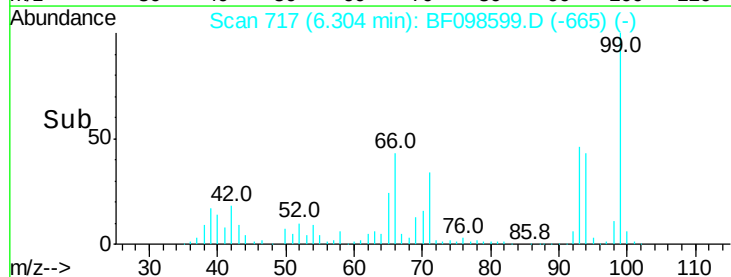
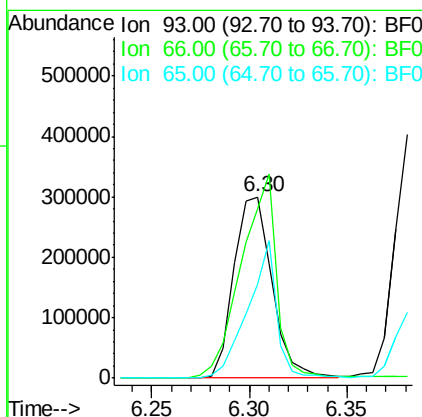
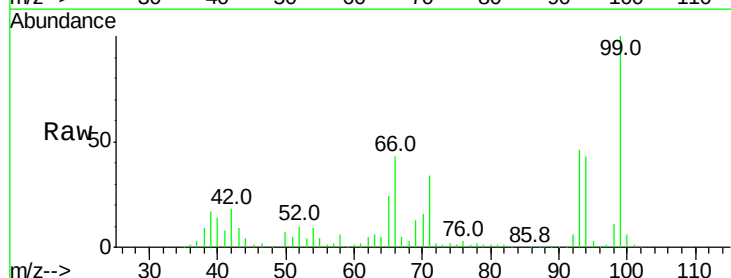
RT: 6.30 min Scan# 717

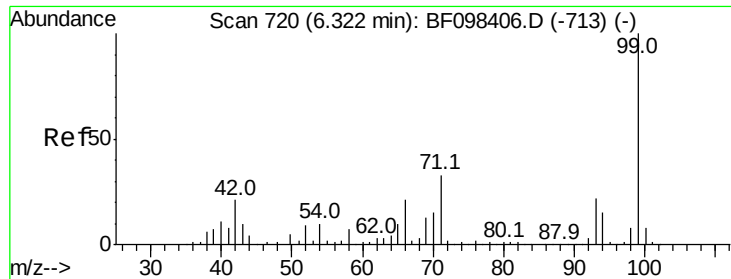
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	93	Resp:	406620
Ion Ratio	Lower	Upper	
93	100		
66	93.6	32.9	49.3#
65	51.8	16.0	24.0#





#7

Phenol-d6

Concen: 124.813 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

PB102369BS

Tot Ion: 99 Resp: 1258548

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

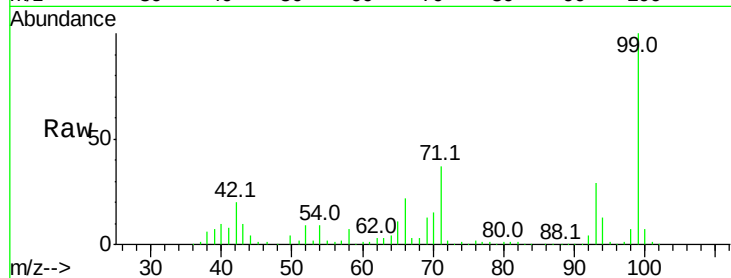
71 36.9 24.5 36.7#

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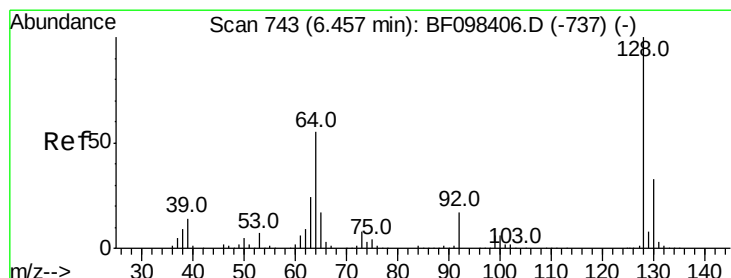
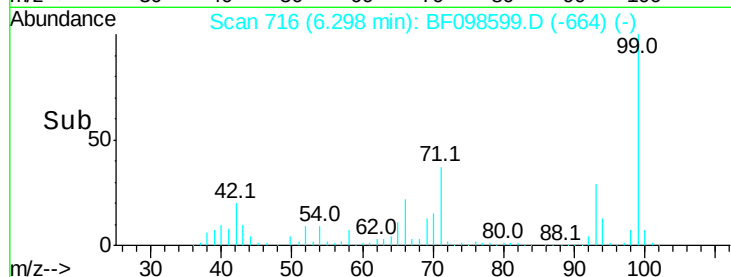
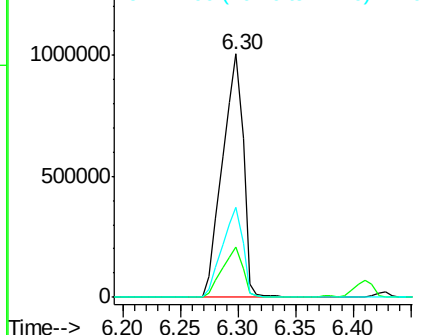
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.321 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

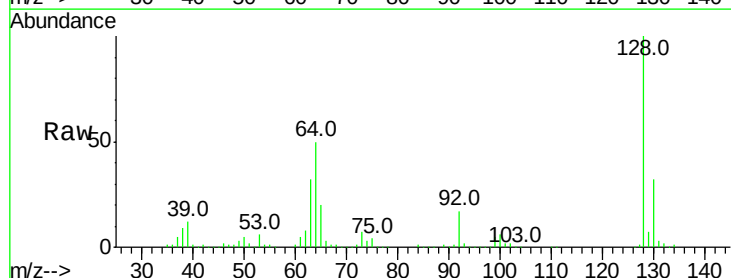
Tgt Ion:128 Resp: 369585

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

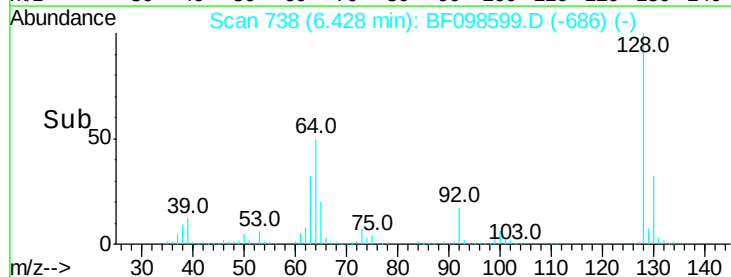
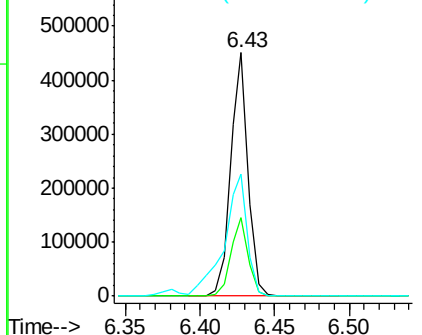
64 50.0 28.4 68.4

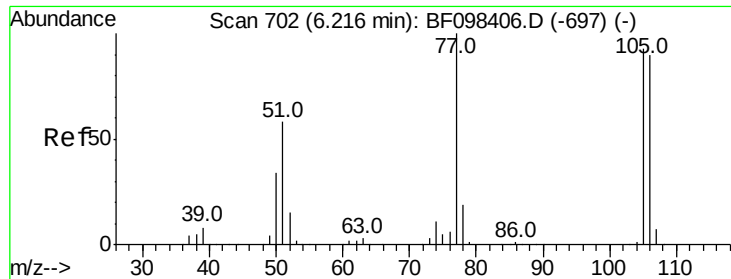


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.742 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

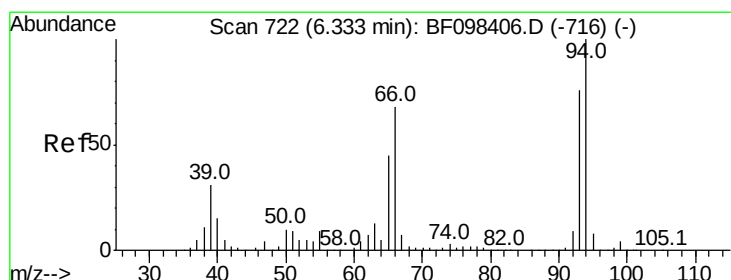
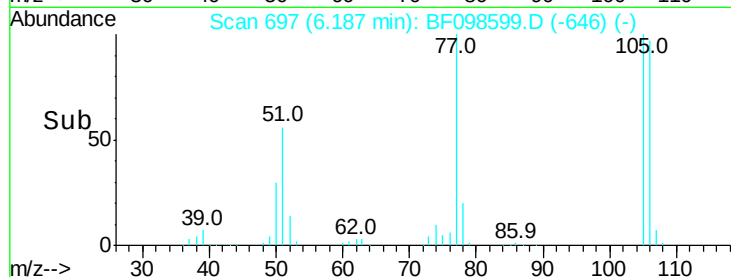
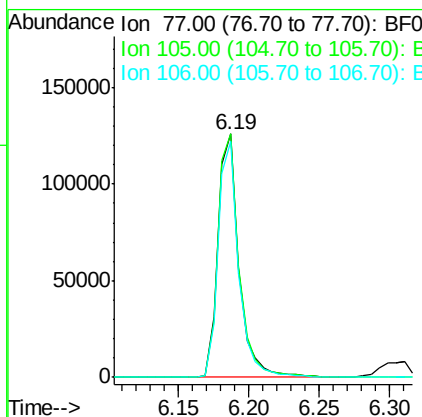
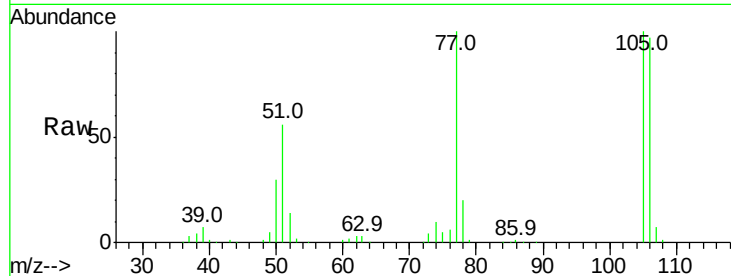
ClientSampleId :

PB102369BS

Tot Ion:	77	Resp:	130134
Ion Ratio	Lower	Upper	
77	100		
105	99.9	83.8	123.8
106	97.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.299 ng

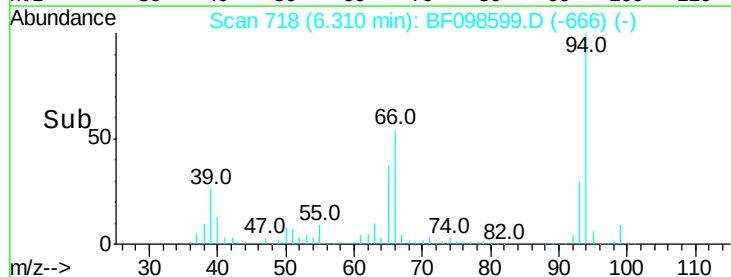
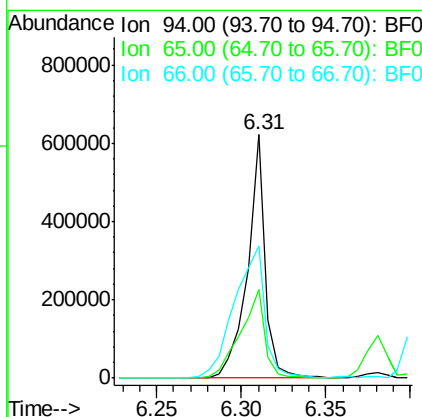
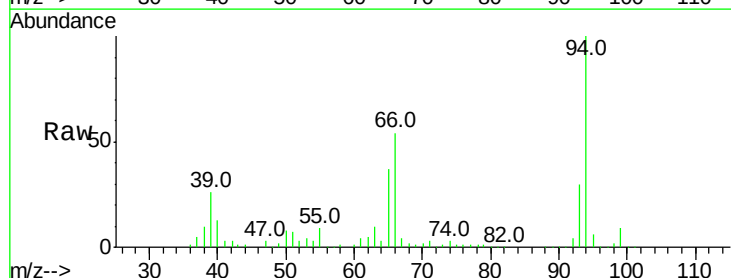
RT: 6.31 min Scan# 718

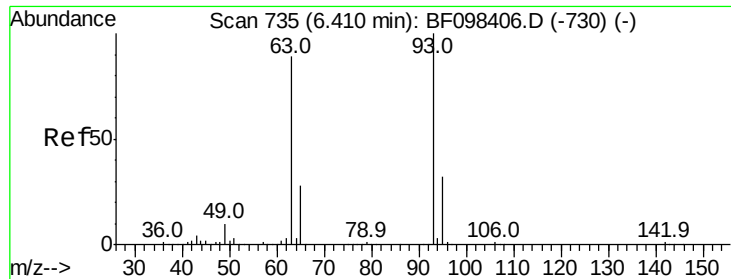
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	94	Resp:	460278
Ion Ratio	Lower	Upper	
94	100		
65	36.7	9.9	49.9
66	54.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.943 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

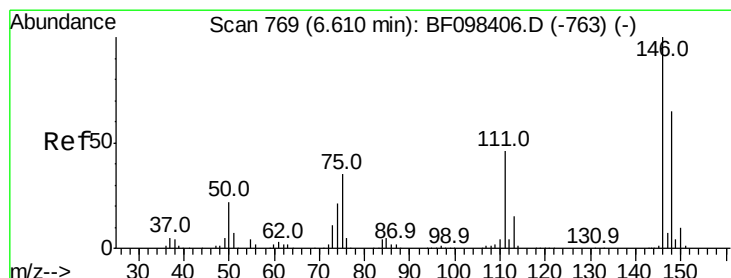
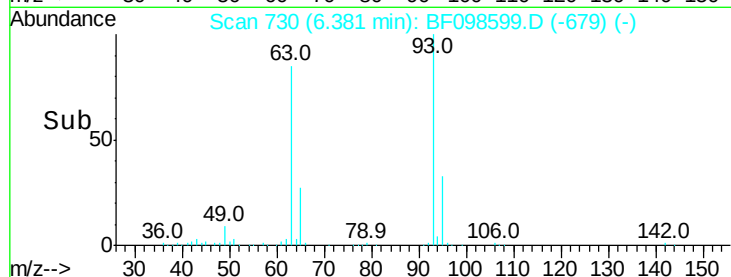
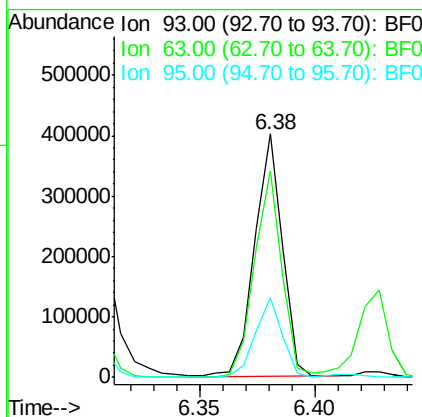
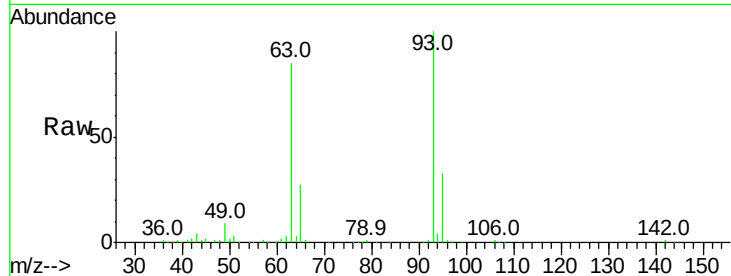
ClientSampleId :

PB102369BS

Tot Ion:	93	Resp:	335053
Ion Ratio	Lower	Upper	
93	100		
63	84.9	59.2	99.2
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.591 ng

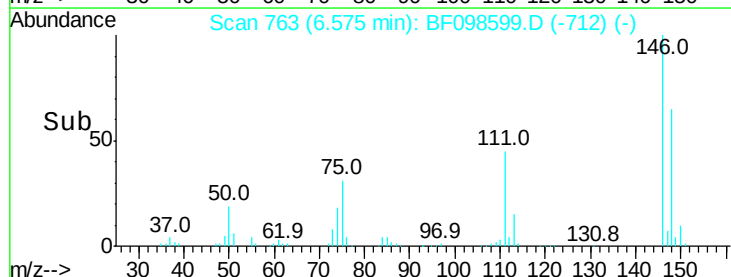
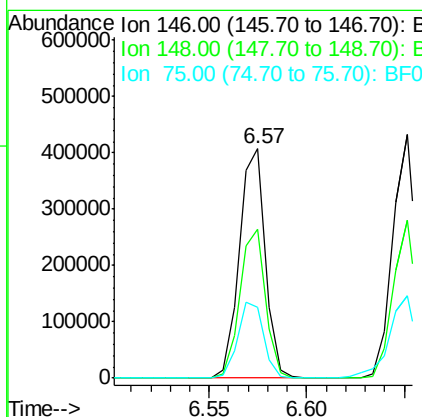
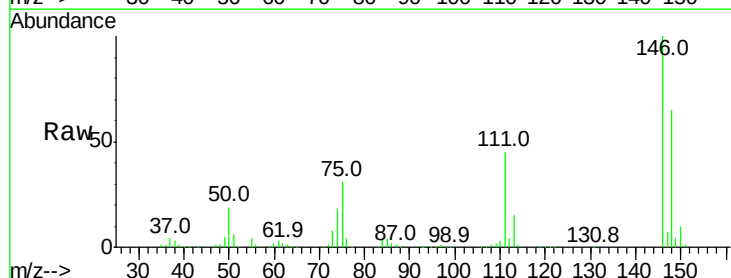
RT: 6.57 min Scan# 763

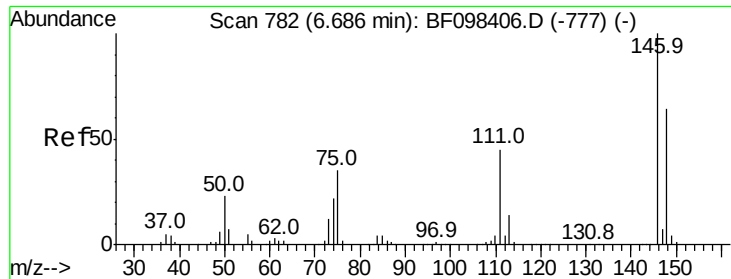
Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	146	Resp:	374376
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.6
75	31.1	23.1	34.7





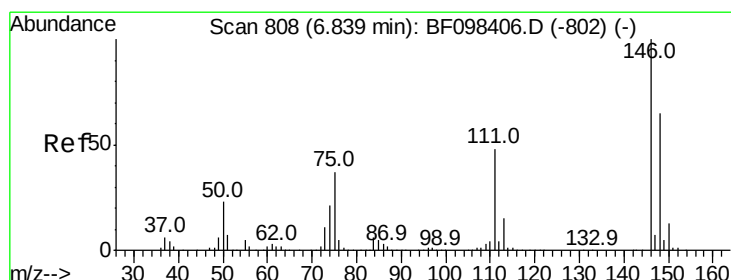
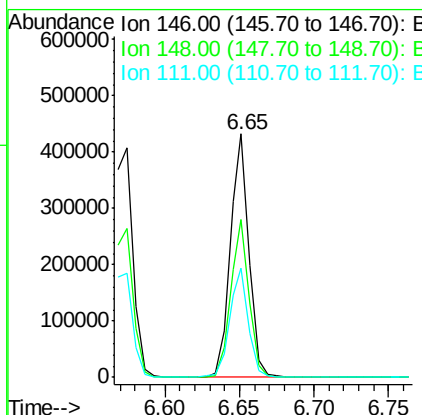
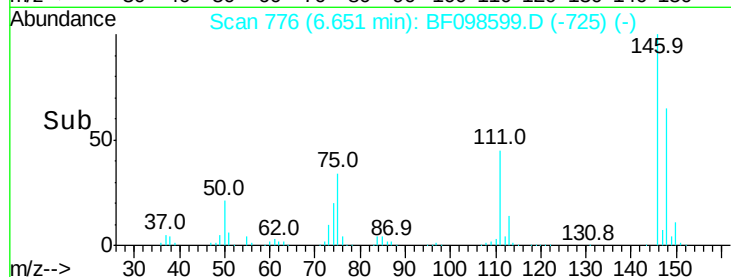
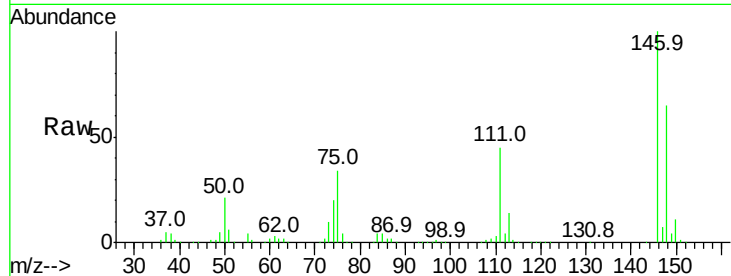
#13
 1,4-Dichlorobenzene
 Concen: 42.229 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampled :
 PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	380211		
148	64.6	52.2	78.2	
111	44.6	30.3	45.5	

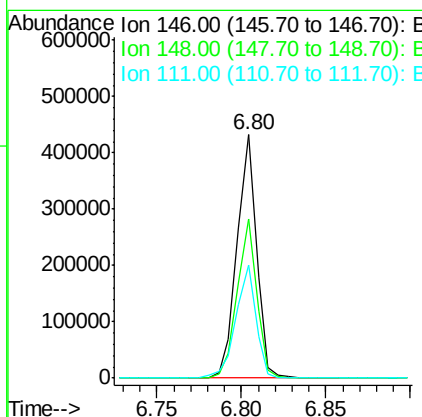
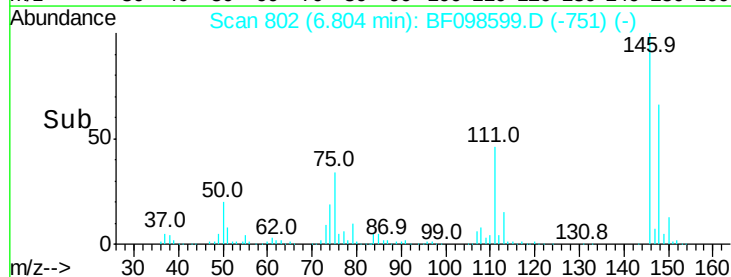
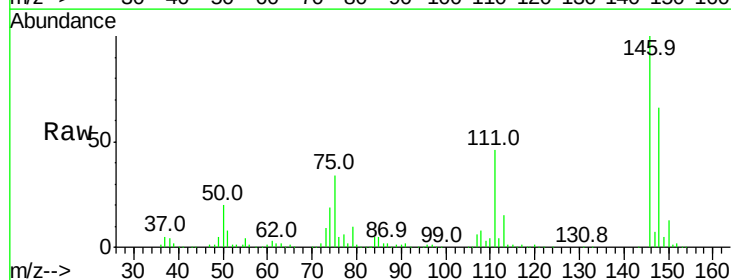
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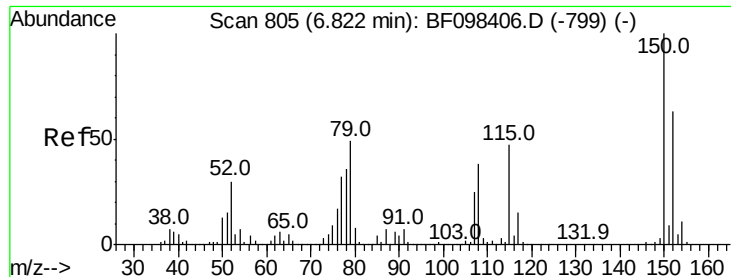
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#14
 1,2-Dichlorobenzene
 Concen: 42.315 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	347104		
148	65.6	50.4	75.6	
111	46.3	38.2	57.4	





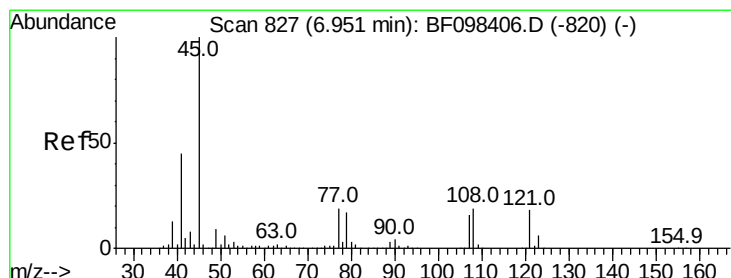
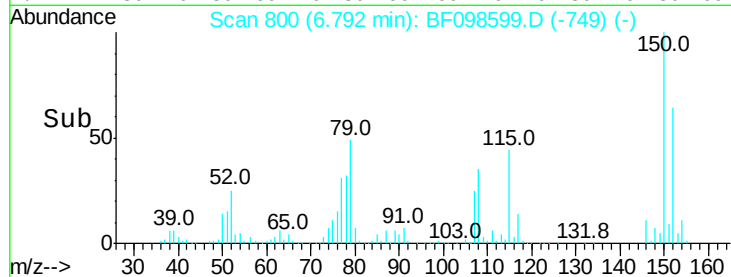
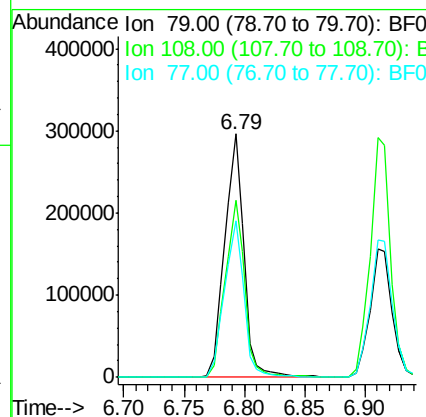
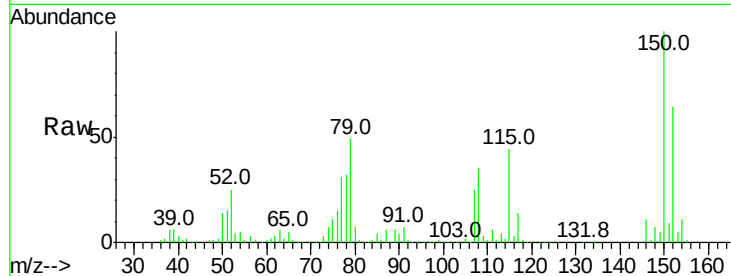
#15
Benzyl Alcohol
Concen: 48.679 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleID :
PB102369BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	63.4	95.0
77	64.4	49.2	73.8

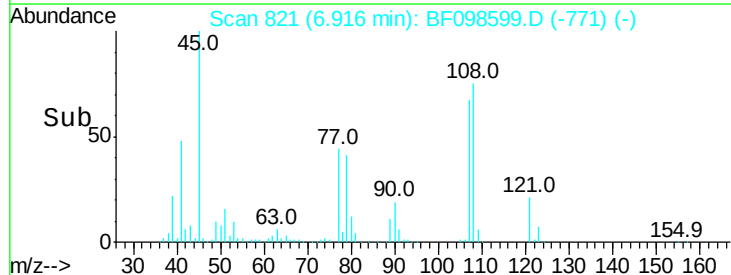
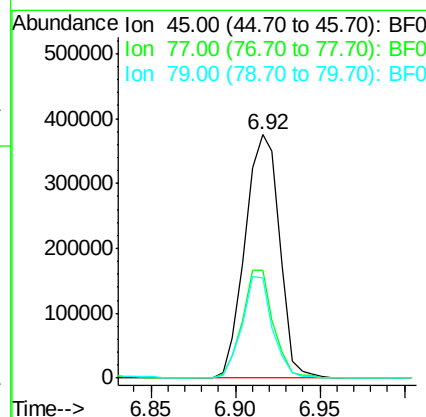
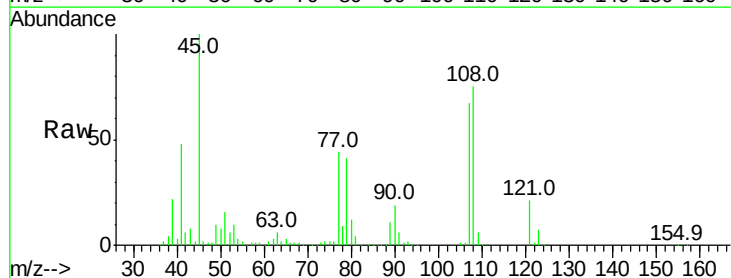
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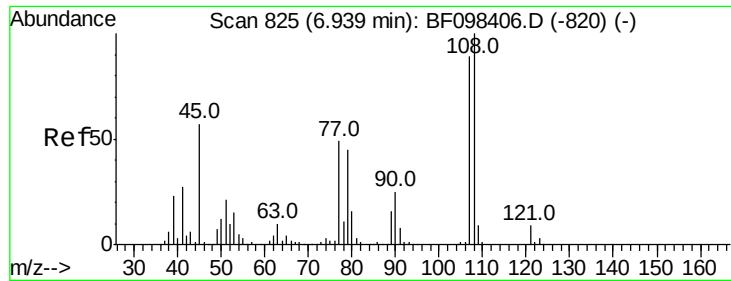
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.756 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	44.3	0.0	33.2#
79	41.0	0.0	30.0#





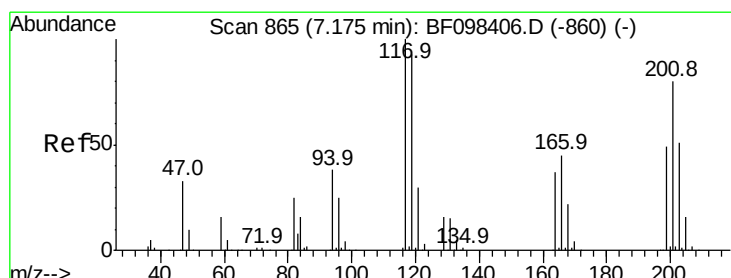
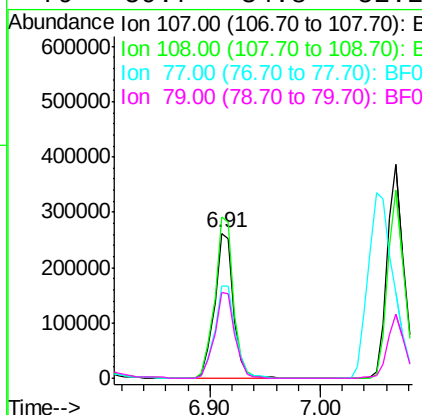
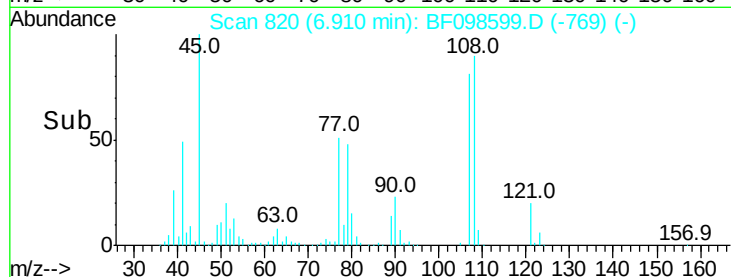
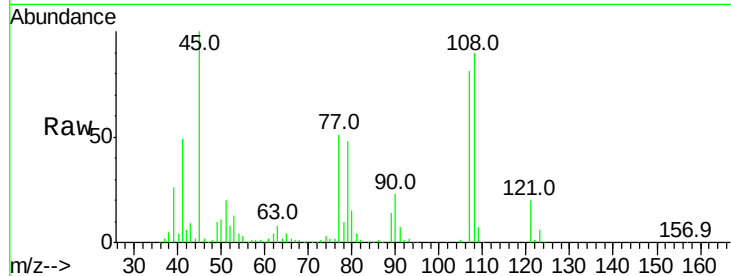
#17
2-Methylphenol
Concen: 43.212 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	93.4	140.0	
77	63.7	35.8	53.6#	
79	59.7	34.8	52.2#	

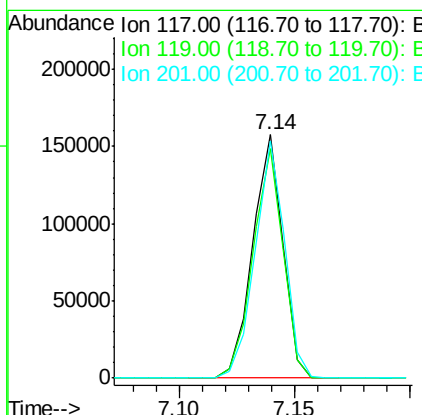
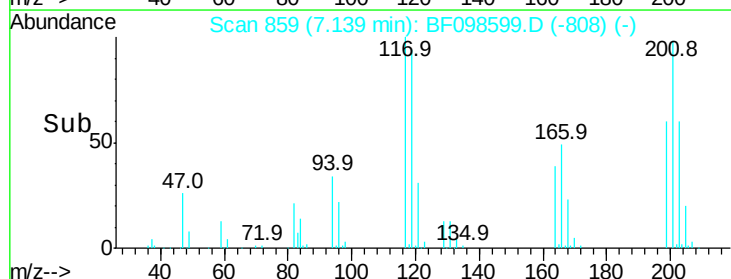
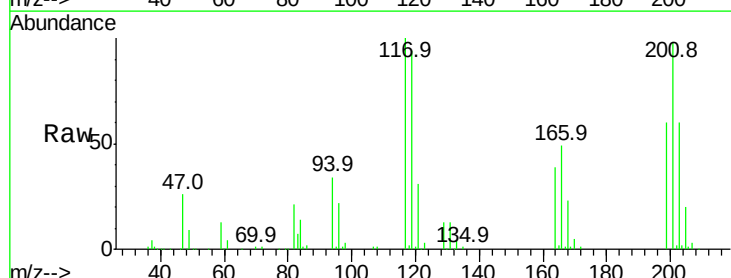
Manual Integrations
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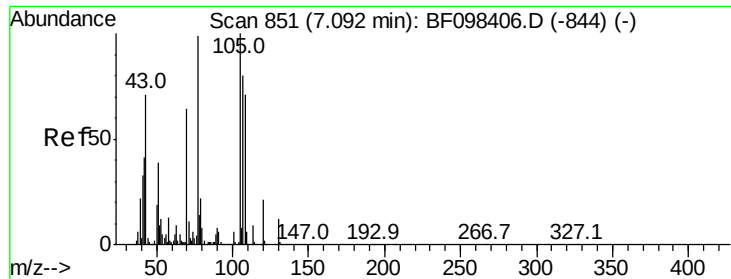
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#18
Hexachloroethane
Concen: 41.686 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	77.4	116.0	
201	97.6	94.6	141.8	





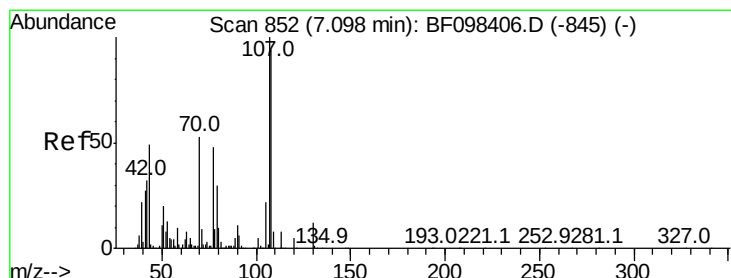
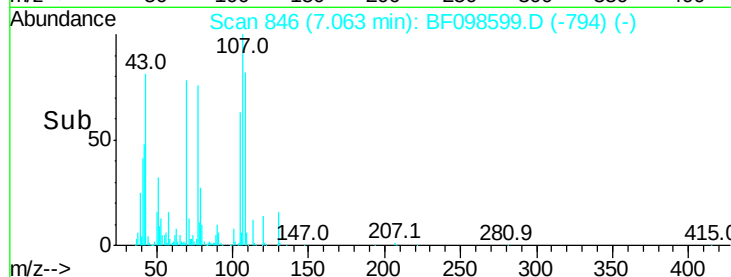
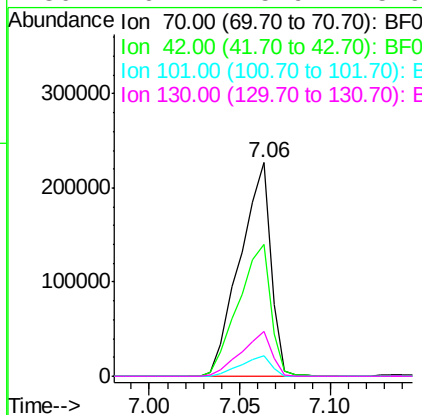
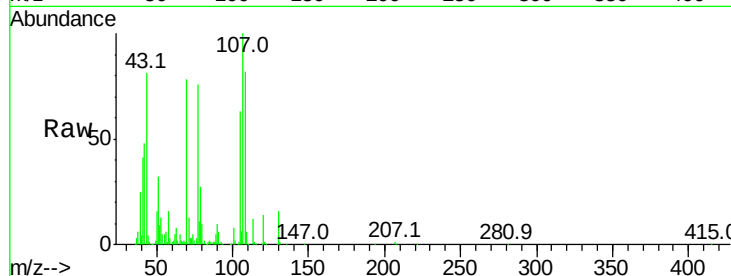
#19
n-Nitroso-di-n-propylamine
Concen: 42.363 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.2	70.8
101	9.8	7.2	10.8
130	20.7	15.9	23.9

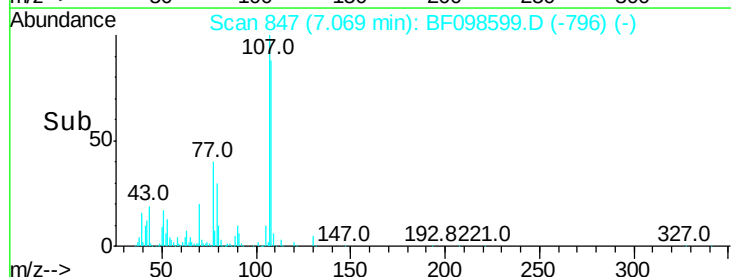
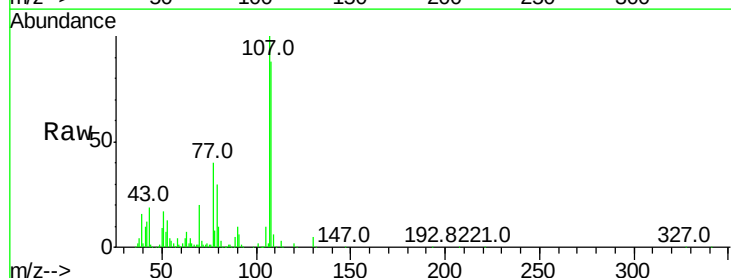
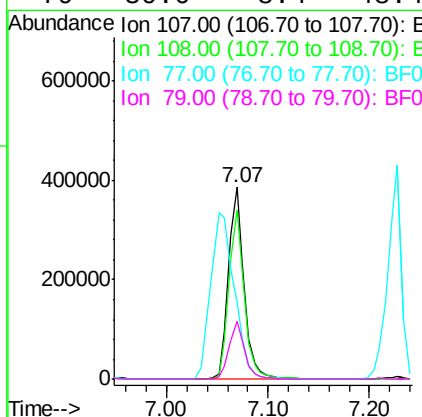
Manual Integrations
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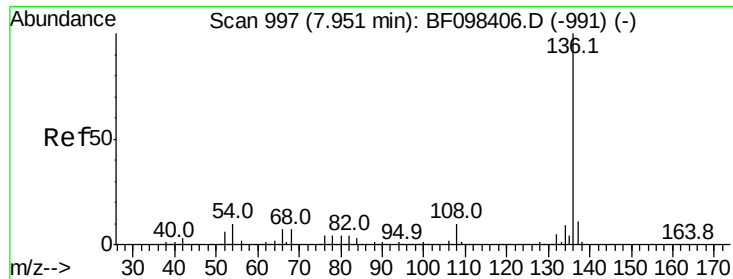
Sohil
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#20
3+4-Methylphenols
Concen: 45.971 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.0	111.0
77	40.1	90.5	130.5#
79	30.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

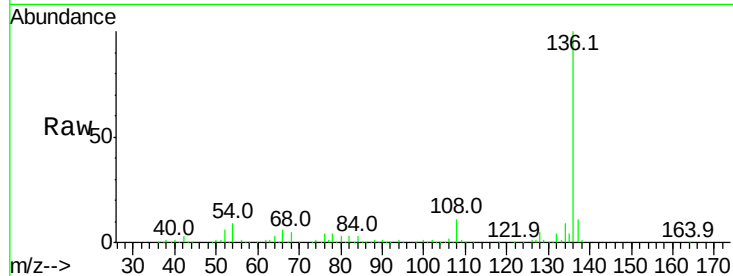
ClientSampleId :

PB102369BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.2	4.9	7.3#
68	5.2	4.1	6.1

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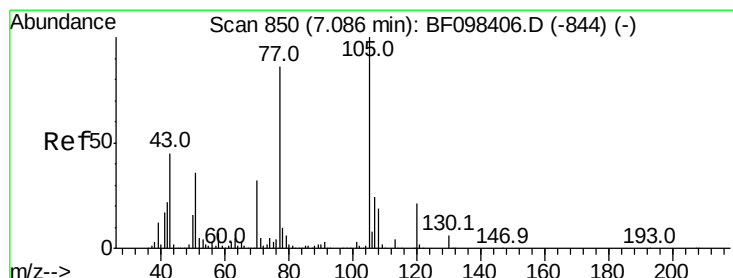
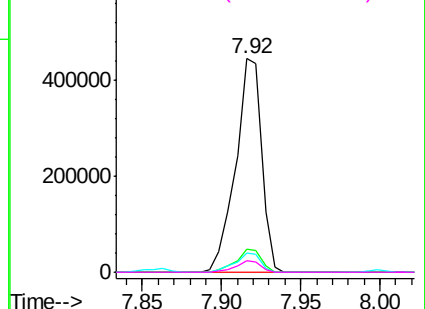
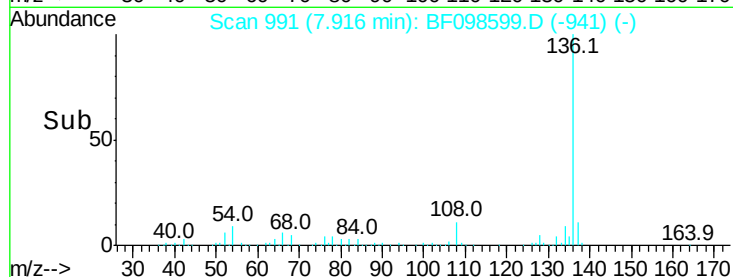


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.538 ng

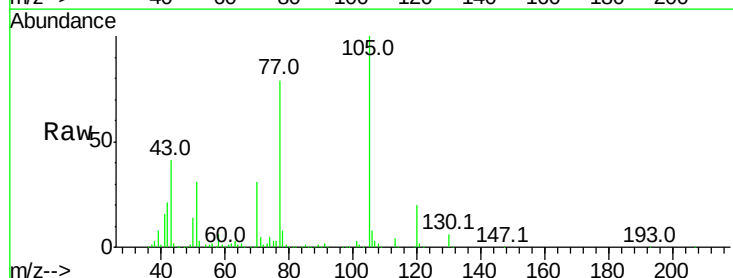
RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	30.7	30.7	46.1#
120	20.4	17.4	26.0

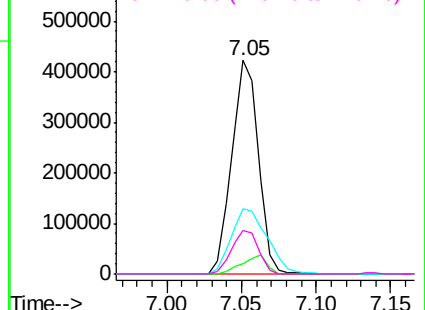
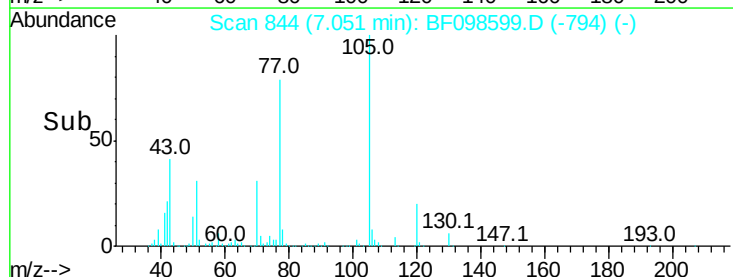


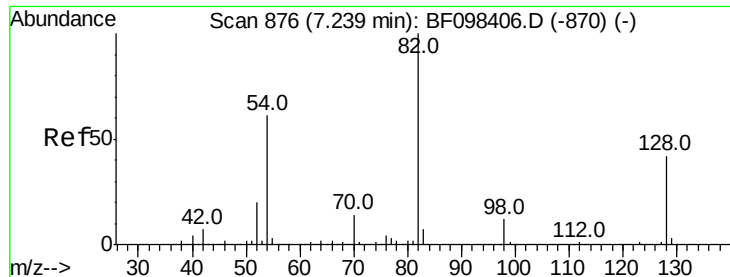
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





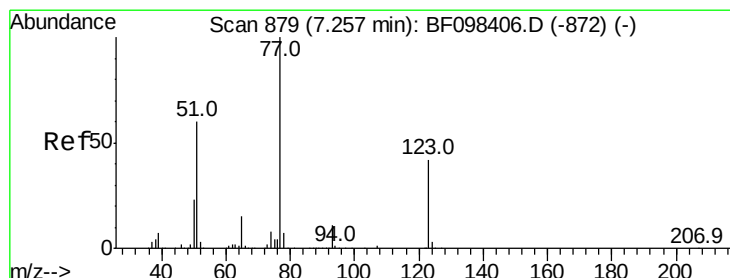
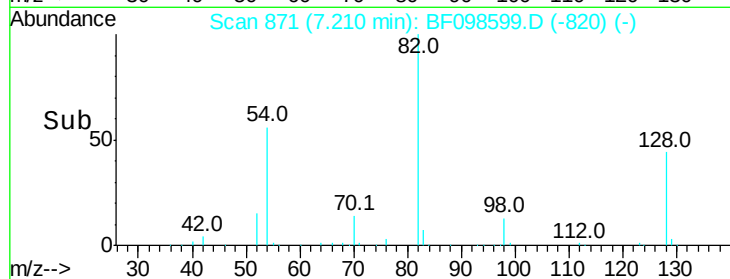
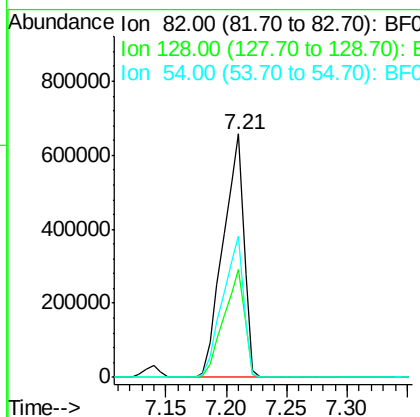
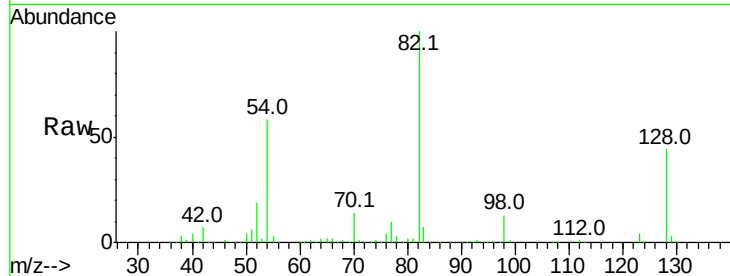
#23
Nitrobenzene-d5
Concen: 86.895 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	34.0	51.0	
54	58.2	42.2	63.2	

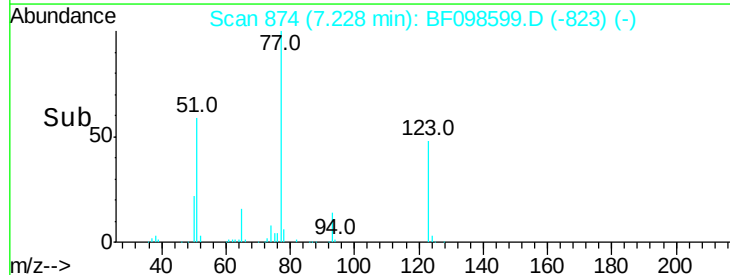
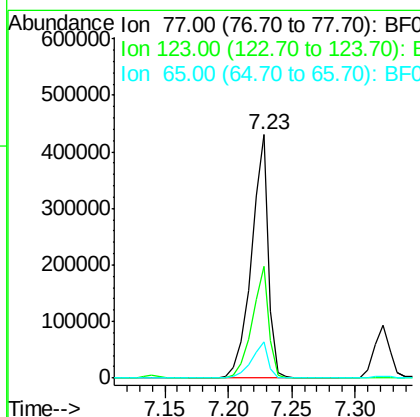
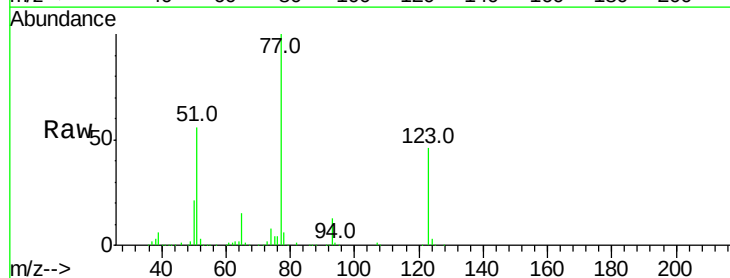
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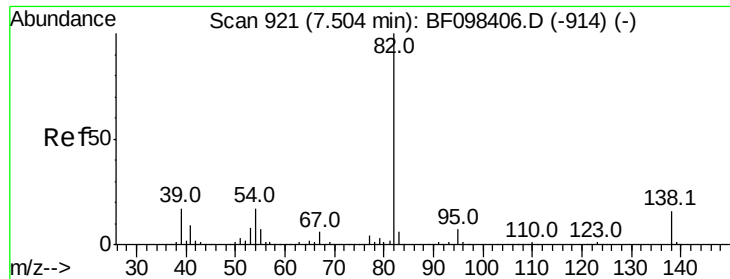
Sohil
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#24
Nitrobenzene
Concen: 38.672 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.1	35.8	53.8	
65	14.8	10.6	15.8	





#25

Isophorone

Concen: 39.523 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

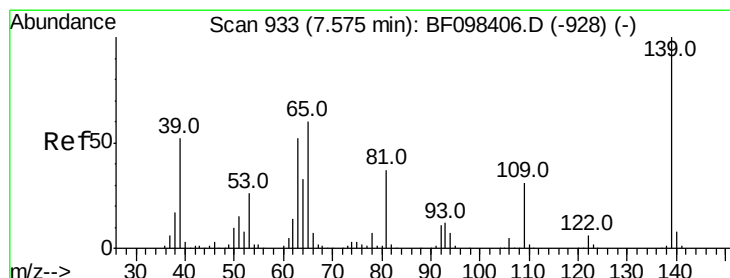
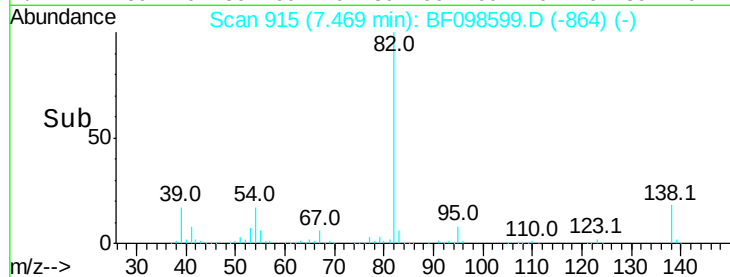
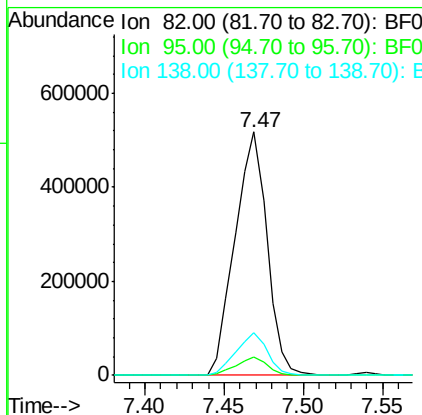
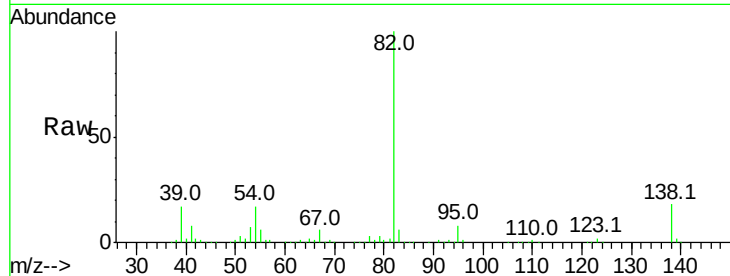
ClientSampleId :

PB102369BS

Tot Ion:	82	Resp:	726118
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.3	7.9
138	17.7	13.1	19.7

Manual Integrations
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9/19/2017 5:31:37 PM



#26

2-Nitrophenol

Concen: 47.236 ng

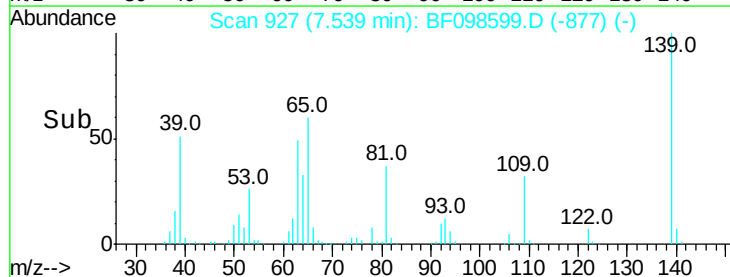
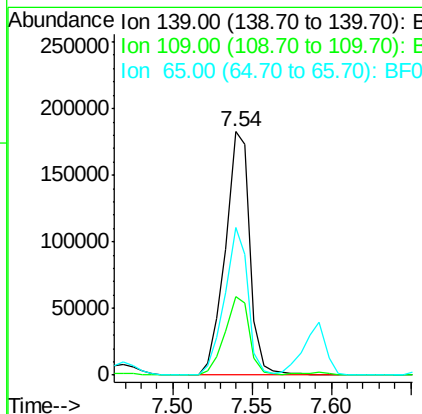
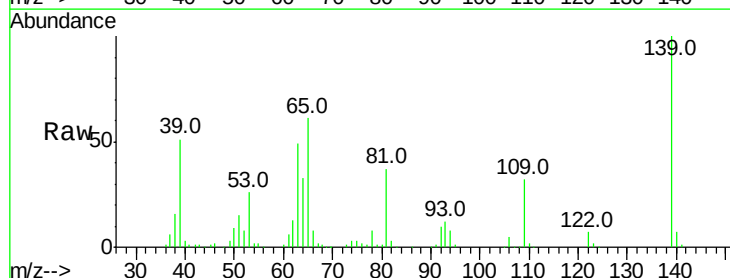
RT: 7.54 min Scan# 927

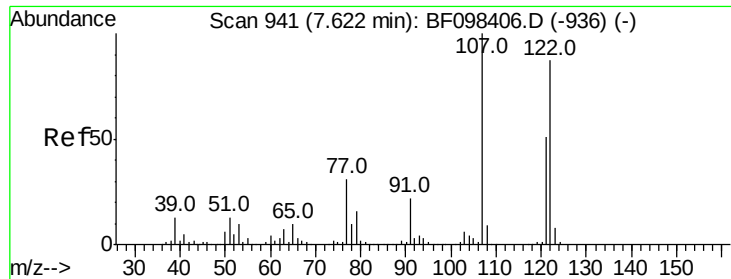
Delta R.T. -0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	139	Resp:	197265
Ion Ratio	Lower	Upper	
139	100		
109	32.5	21.0	31.6#
65	60.6	33.0	49.6#





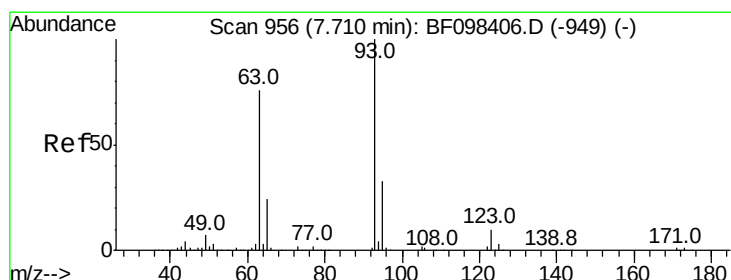
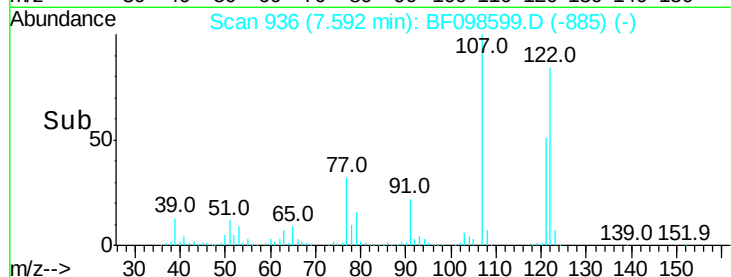
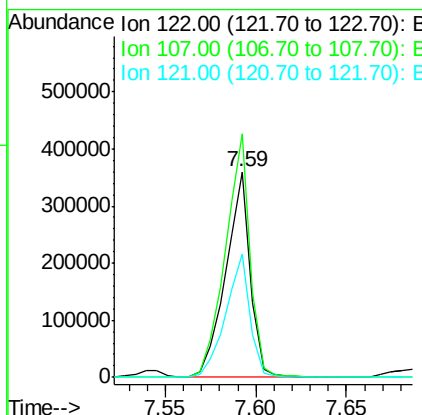
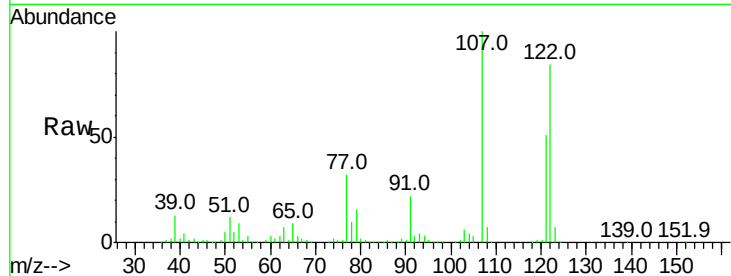
#27
2,4-Dimethylphenol
Concen: 42.618 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	339276		
107	118.5		89.2	133.8
121	60.3		45.2	67.8

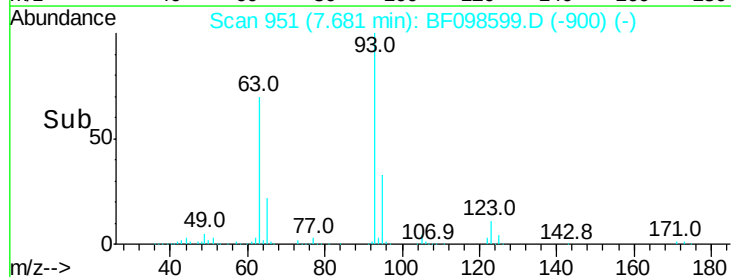
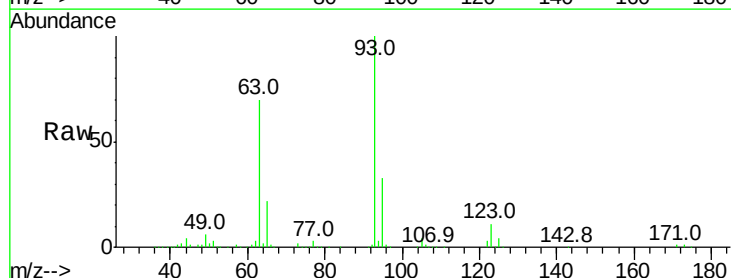
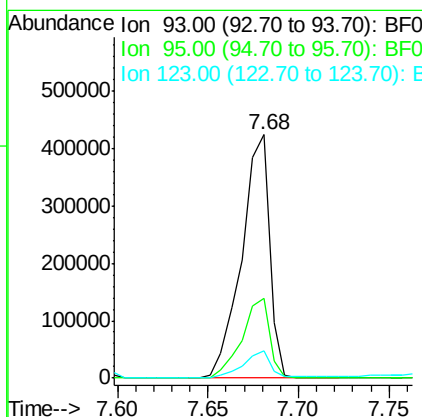
Manual Integrations
APPROVED

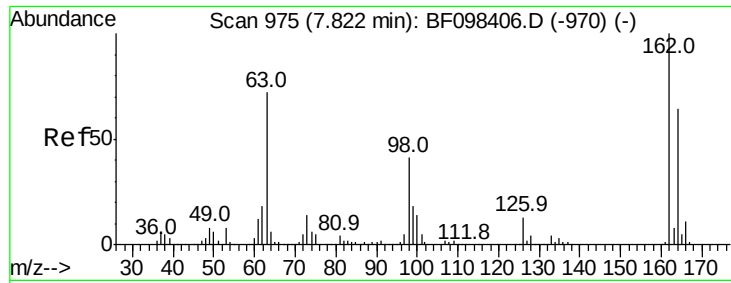
Sohil
9/19/2017 5:31:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.667 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455887		
95	32.5		26.5	39.7
123	11.1		9.0	13.4





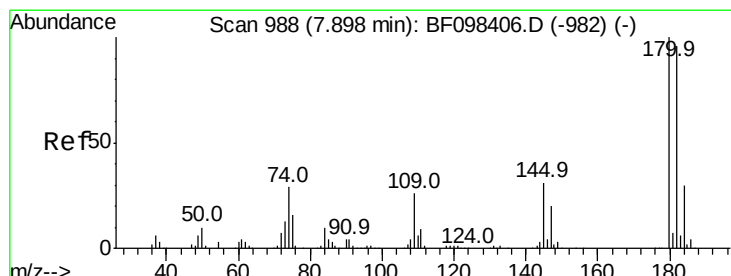
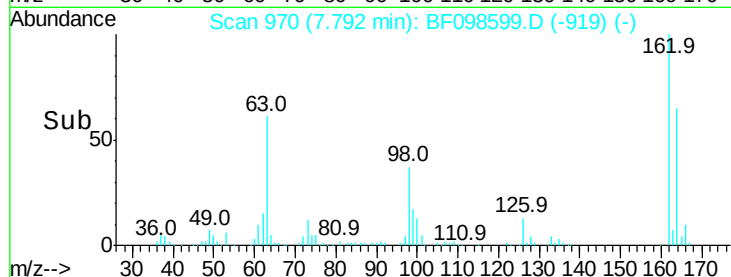
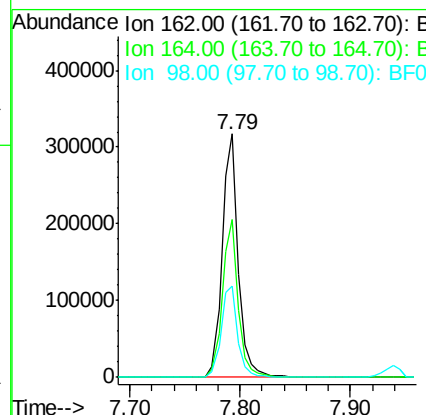
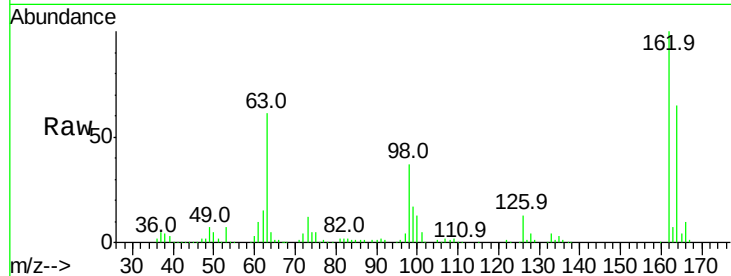
#29
2,4-Dichlorophenol
Concen: 48.048 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	318126		
164	65.1	44.6	84.6	
98	37.3	14.8	54.8	

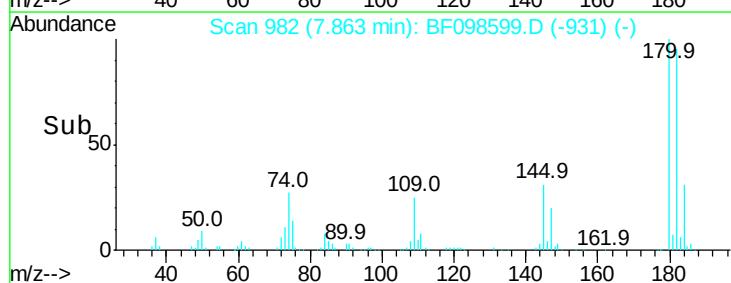
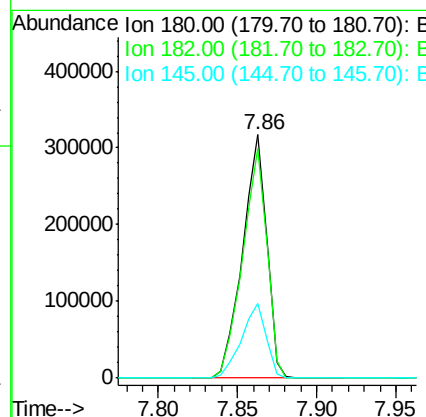
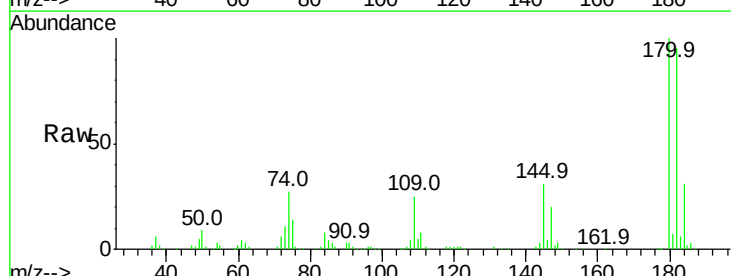
Manual Integrations
APPROVED

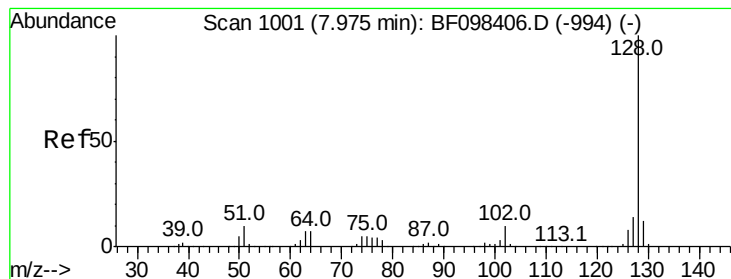
Sohil
9/19/2017 5:31:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.306 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333508		
182	94.5	75.8	113.6	
145	30.7	25.3	37.9	





#31

Naphthalene

Concen: 43.415 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

PB102369BS

Tot Ion:128 Resp: 1086479

Ion Ratio Lower Upper

128 100

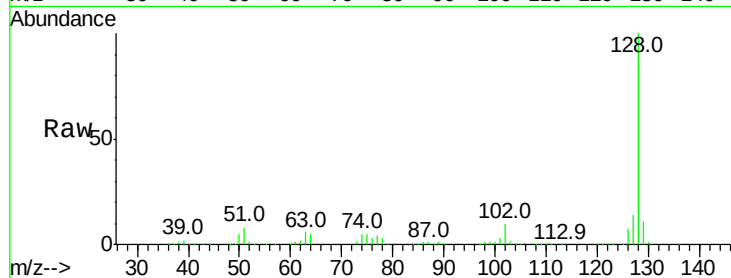
129 10.7 9.0 13.6

127 13.6 10.8 16.2

Manual Integrations
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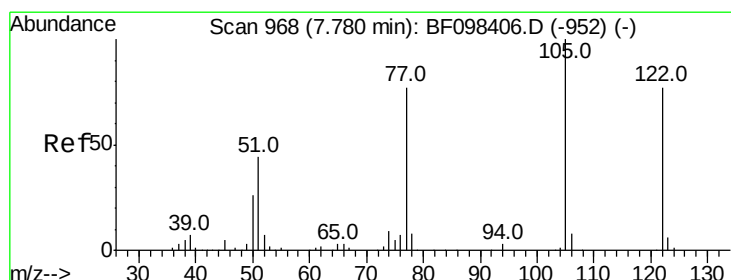
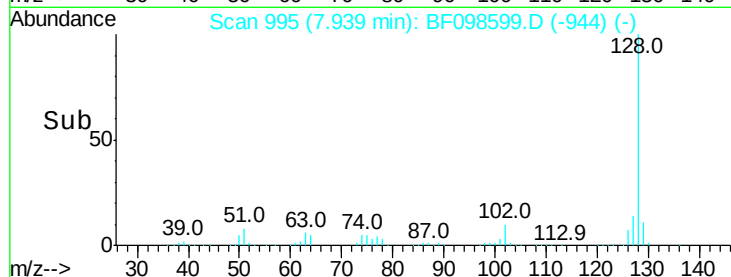
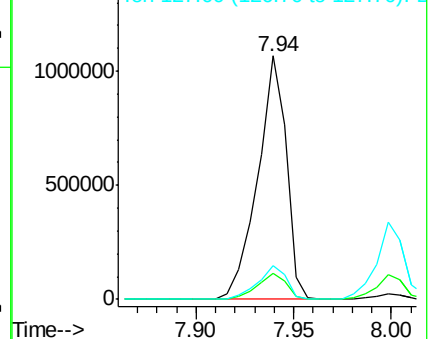
9/19/2017 5:31:37 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.215 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

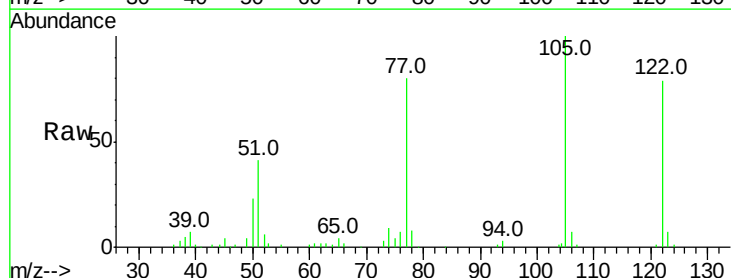
Tgt Ion:122 Resp: 219291

Ion Ratio Lower Upper

122 100

105 126.0 103.3 143.3

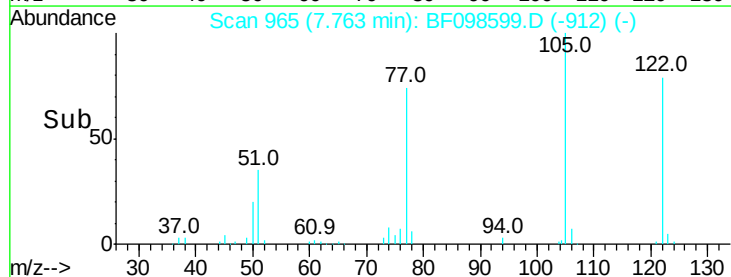
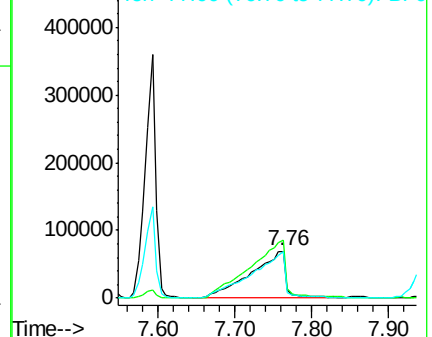
77 101.3 73.7 113.7

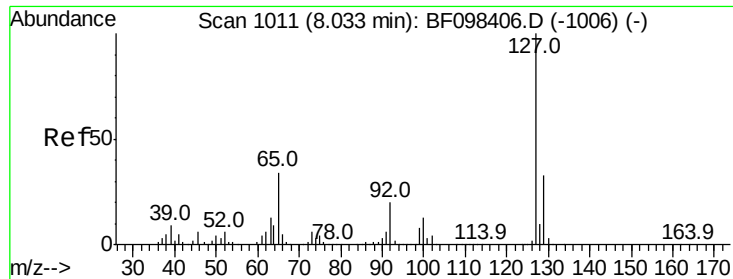


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





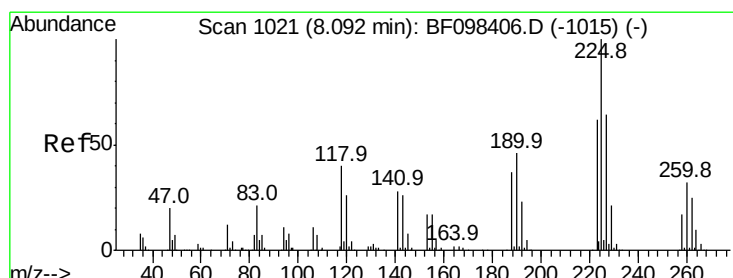
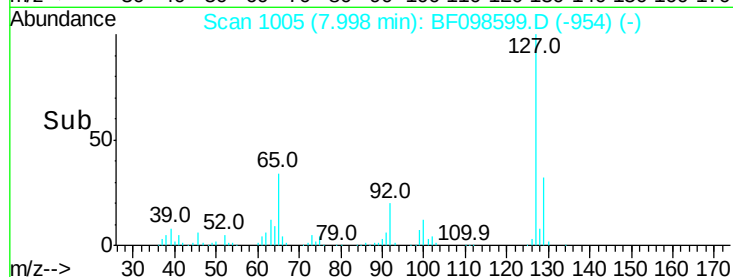
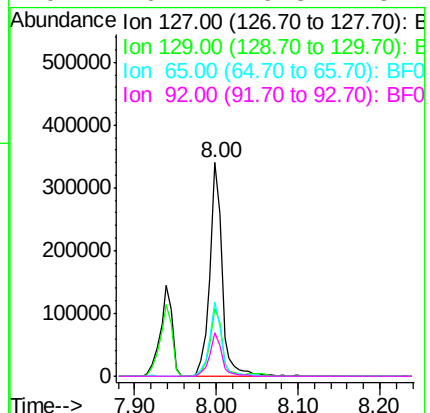
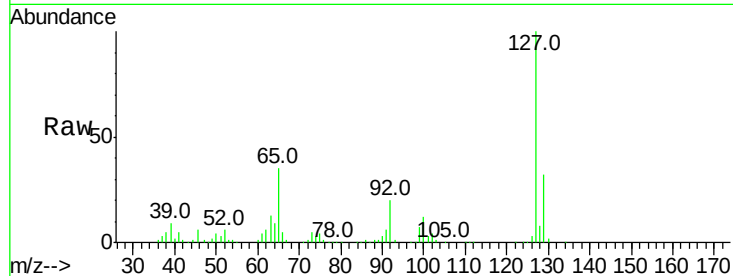
#33
4-Chloroaniline
Concen: 35.037 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.2	
65	34.8	27.8	41.8	
92	20.2	16.8	25.2	

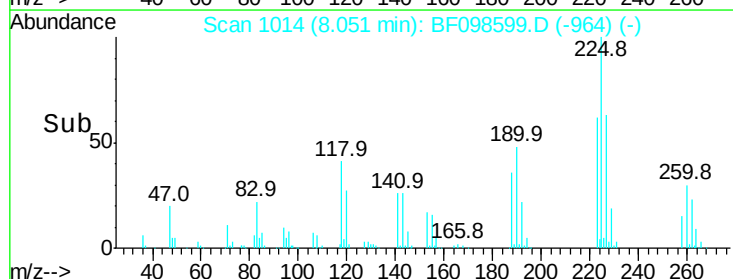
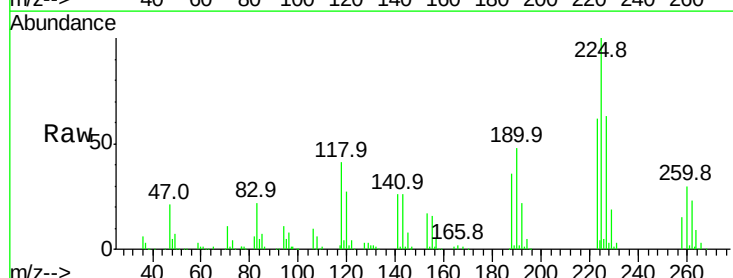
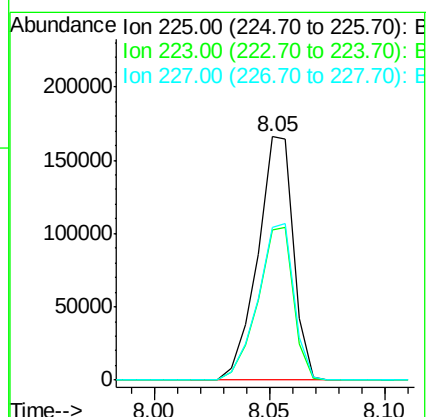
Manual Integrations
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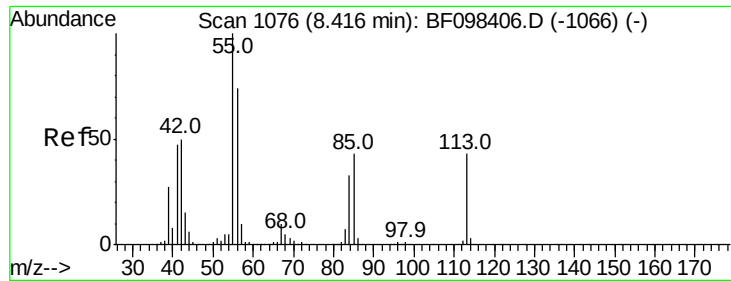
Sohil
9/19/2017 5:31:37 PM



#34
Hexachlorobutadiene
Concen: 48.352 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	48.8	73.2	
227	62.9	51.1	76.7	





#35

Caprolactam

Concen: 42.939 ng/ml

RT: 8.39 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampled :

PB102369BS

Tot Ion:113 Resp: 98037

Ion Ratio Lower Upper

113 100

55 198.2 150.2 190.2#

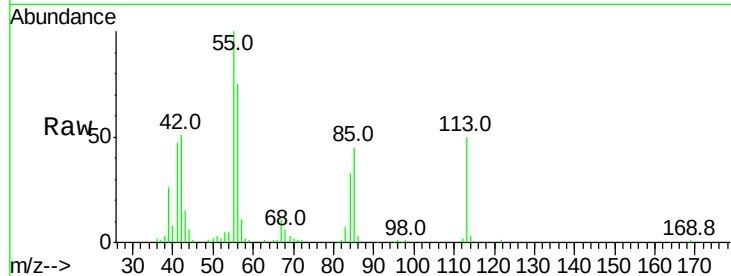
56 149.3 107.8 147.8#

Manual Integrations

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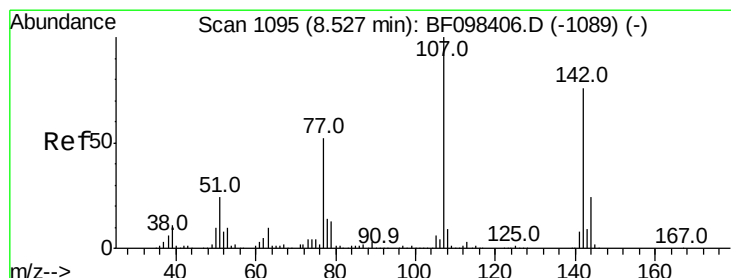
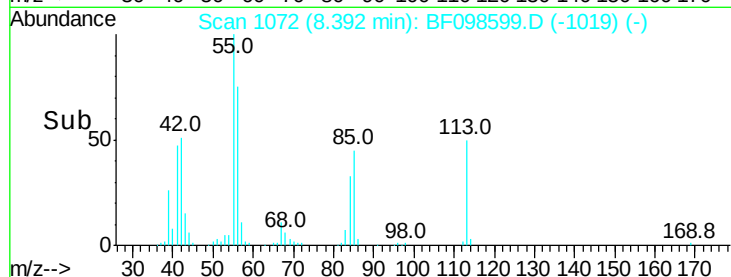
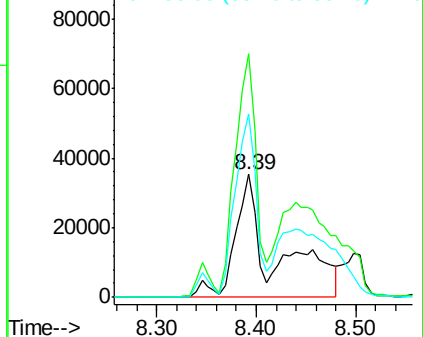
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.746 ng/ml

RT: 8.50 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

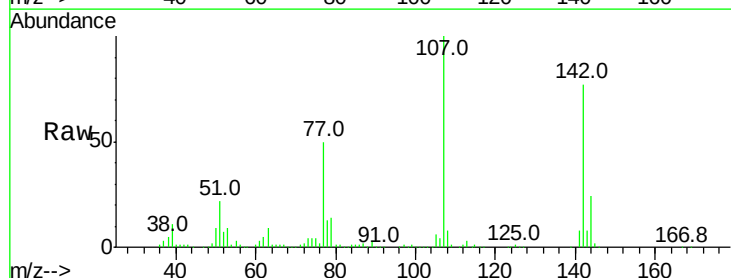
Tgt Ion:107 Resp: 375624

Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

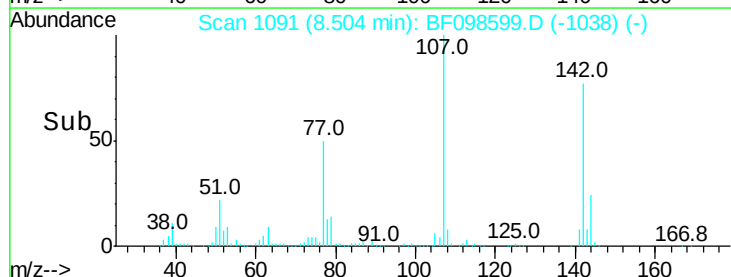
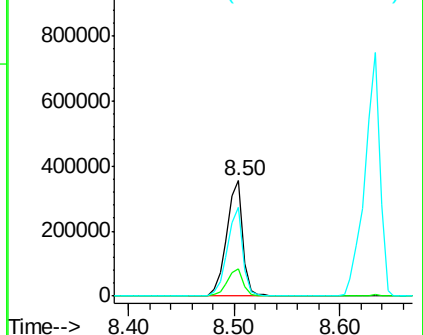
142 76.9 73.4 110.0

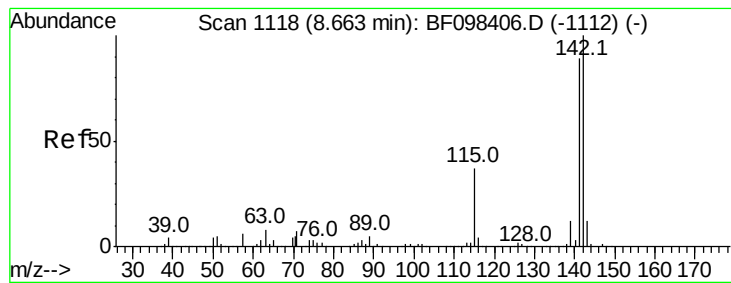


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





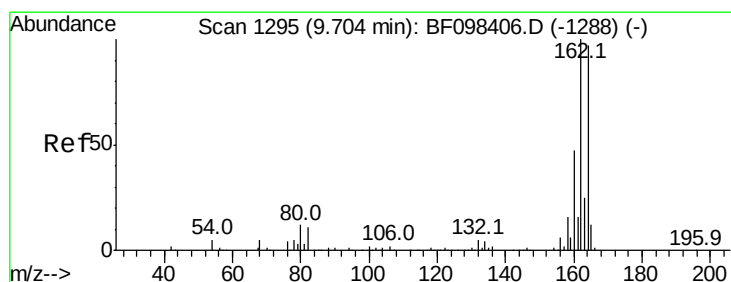
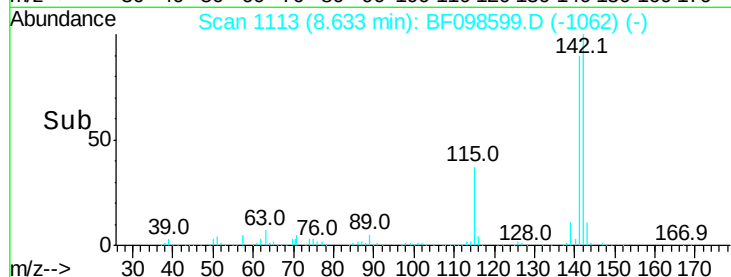
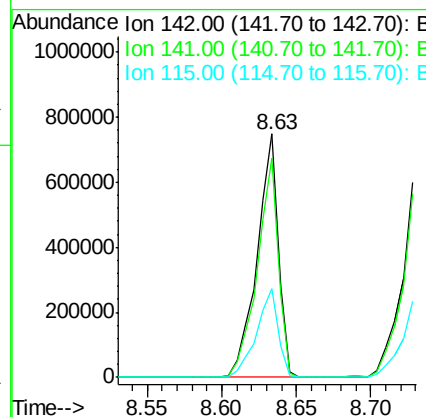
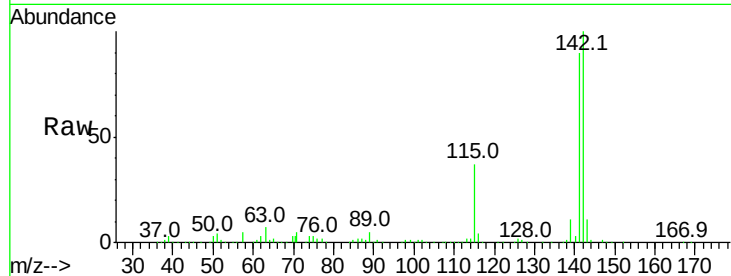
#37
2-Methylnaphthalene
Concen: 48.469 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	36.7	27.1	40.7

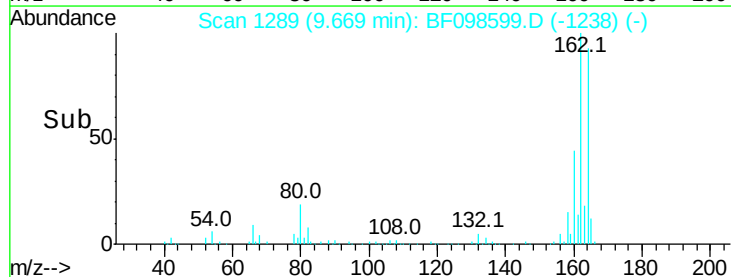
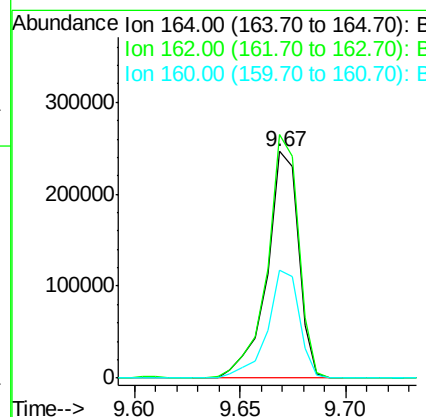
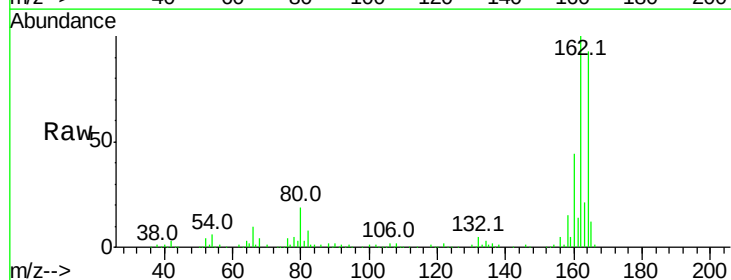
Manual Integrations
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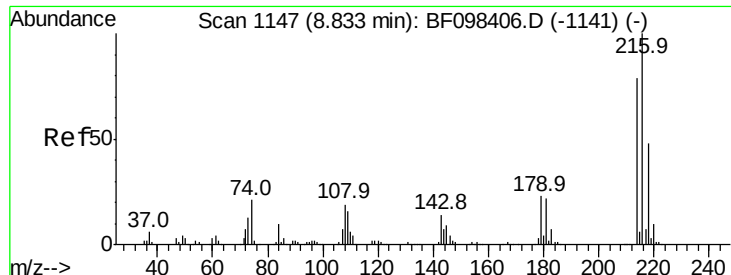
Sohil
9/19/2017 5:31:37 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	47.6	36.2	54.2





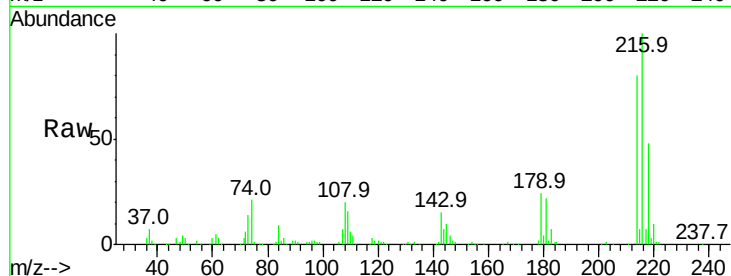
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.908 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

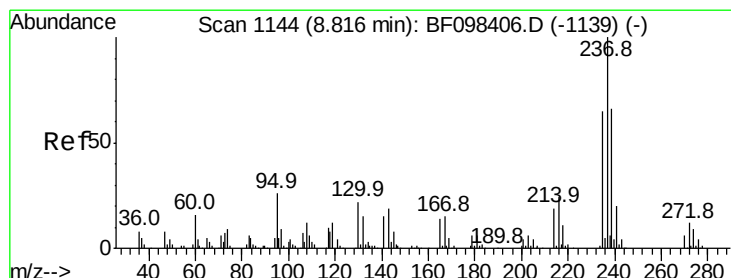
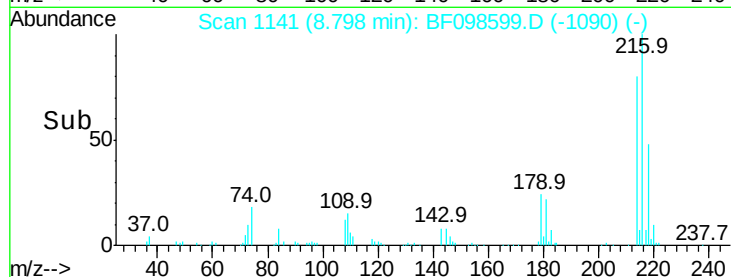
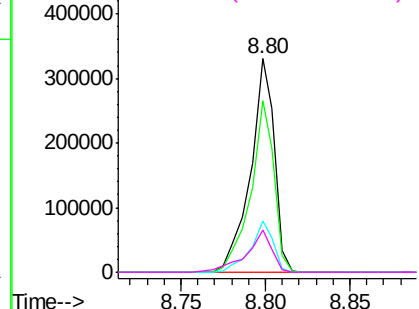
Tot Ion	Ratio	Resp	Lower	Upper
216	100	328283		
214	78.1		63.4	95.2
179	22.7		17.9	26.9
108	20.6		16.5	24.7

Manual Integrations
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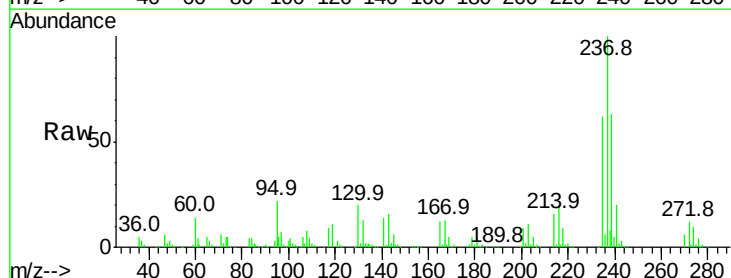


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

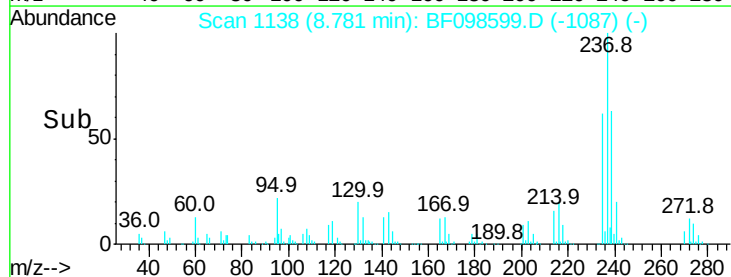
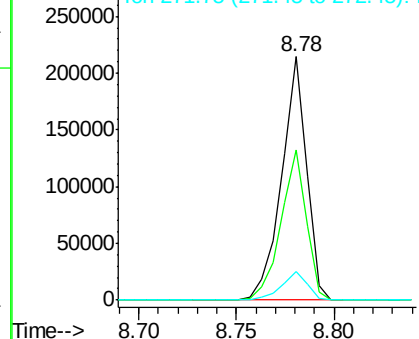


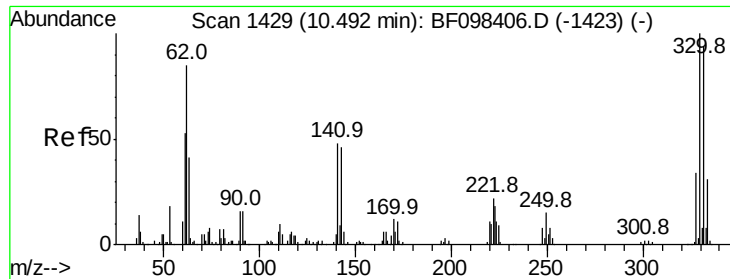
#40
Hexachlorocyclopentadiene
Concen: 80.747 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	190008		
235	61.8		42.6	82.6
272	11.8		0.0	31.9



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





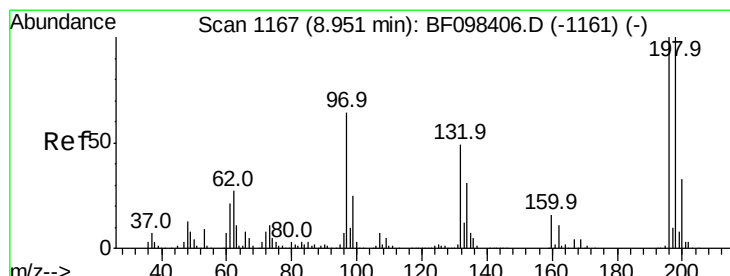
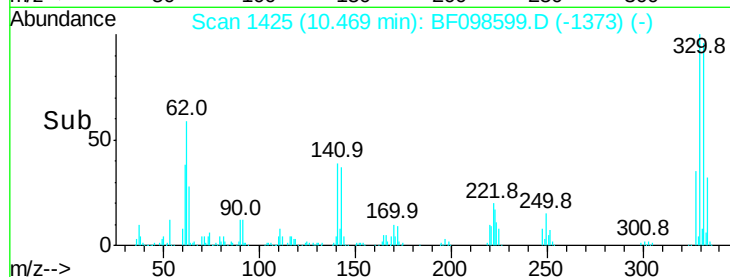
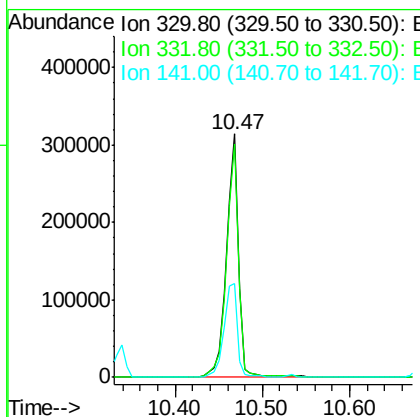
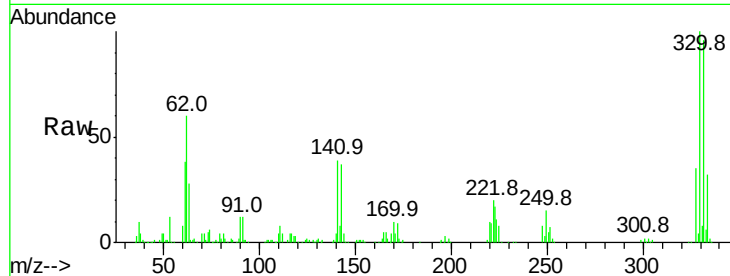
#41
 2,4,6-Tribromophenol
 Concen: 177.710 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampled :
 PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	115.0	
141	42.8	31.4	47.2	

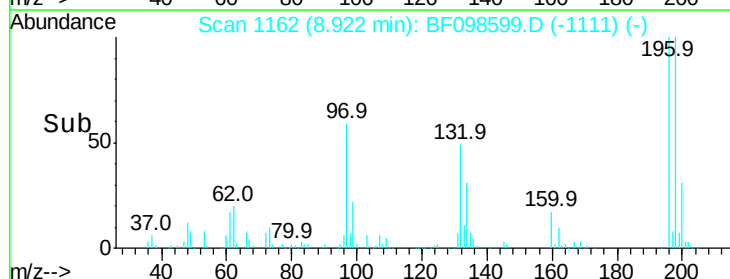
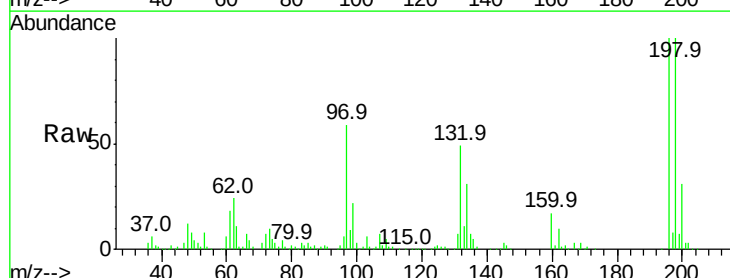
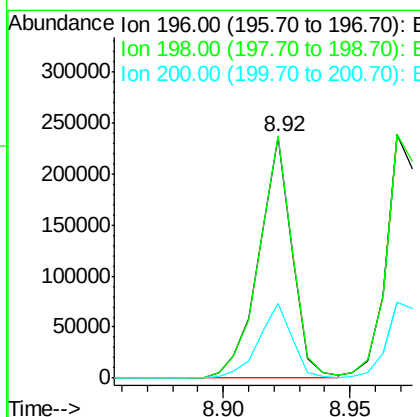
Manual Integrations
 APPROVED

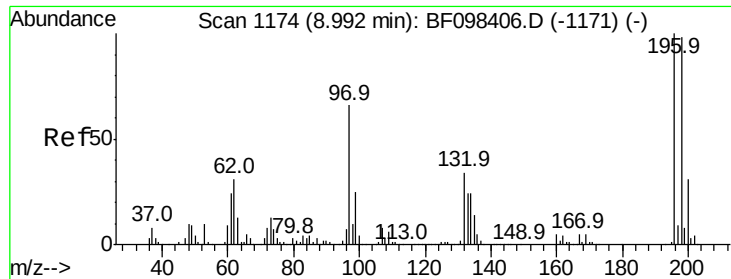
Sohil
 9/19/2017 5:31:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.306 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.3	74.2	111.4	
200	31.0	24.0	36.0	





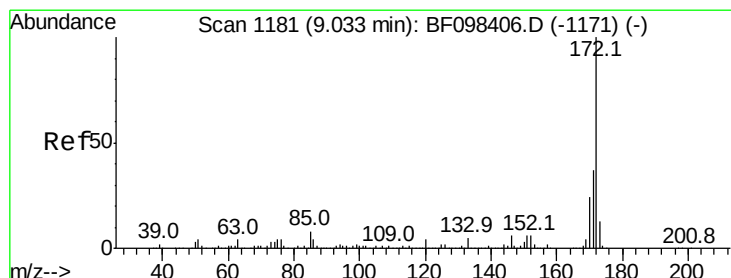
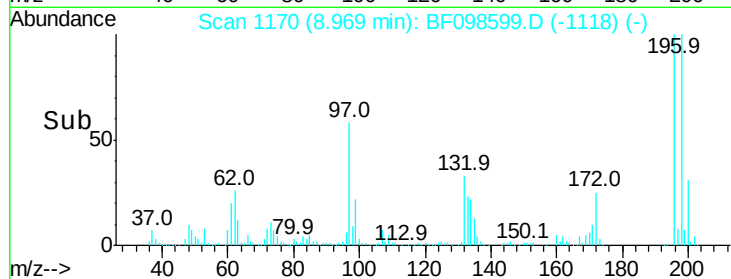
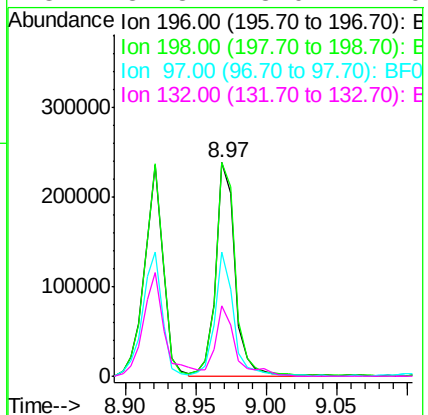
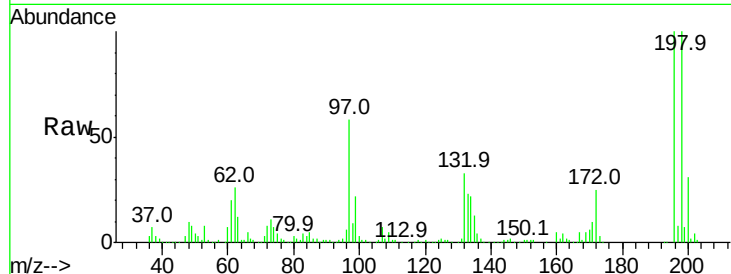
#43
 2,4,5-Trichlorophenol
 Concen: 46.269 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion	196	Resp	227957
Ion Ratio	Lower	Upper	
196	100		
198	100.1	75.7	113.5
97	58.3	47.7	71.5
132	32.8	28.0	42.0

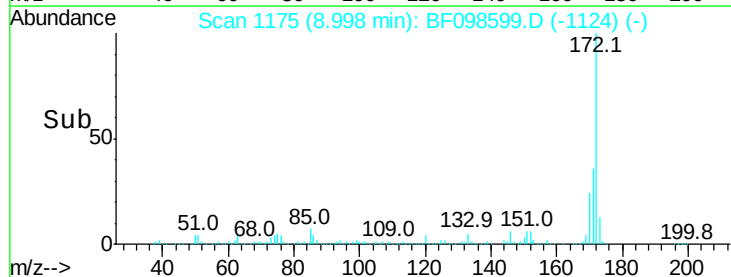
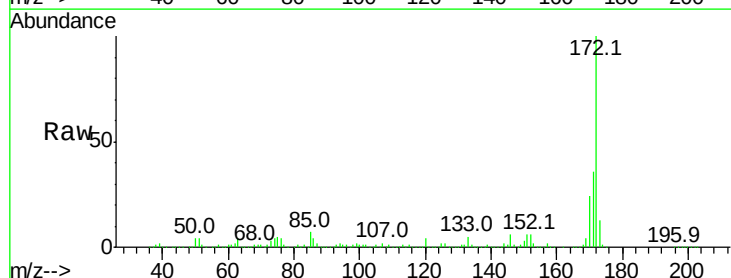
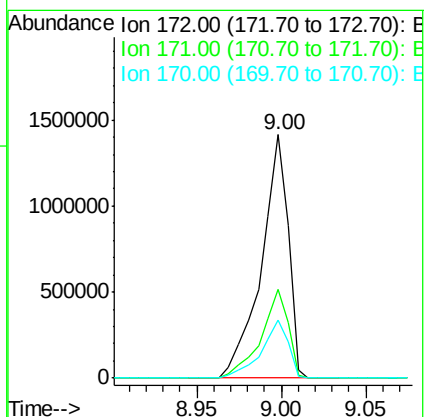
Manual Integrations
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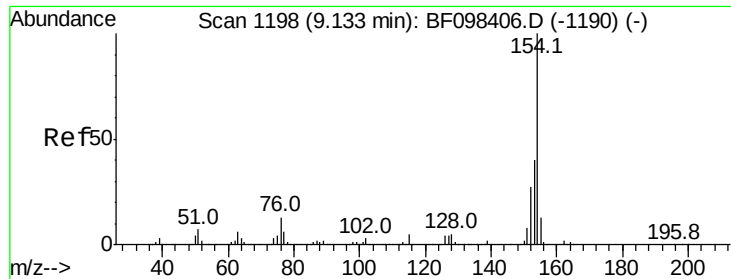
Sohil
 9/19/2017 5:31:37 PM



#44
 2-Fluorobiphenyl
 Concen: 102.152 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	172	Resp	1552708
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.971 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

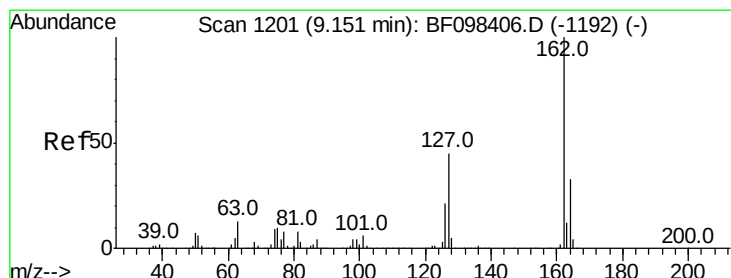
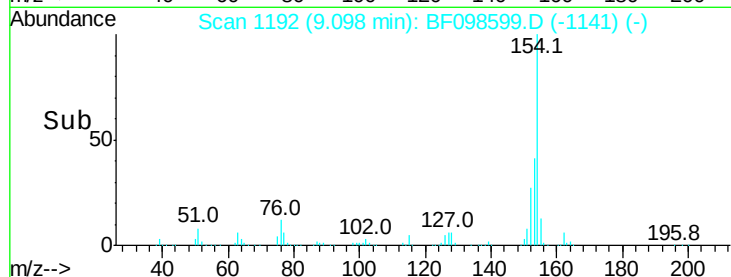
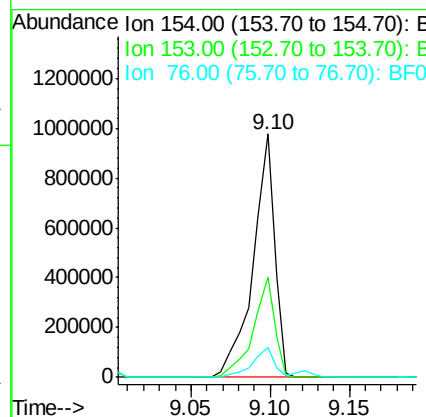
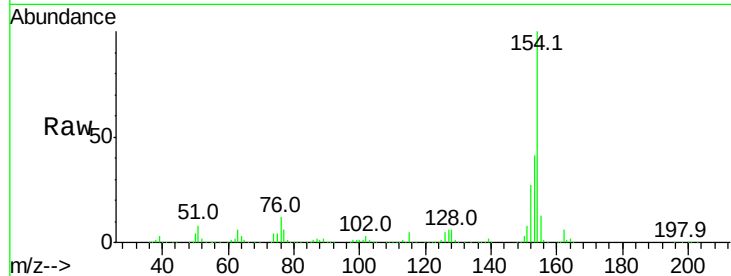
ClientSampleId :

PB102369BS

Tot Ion:	154	Resp:	921701
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	12.4	0.0	29.9

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 42.198 ng

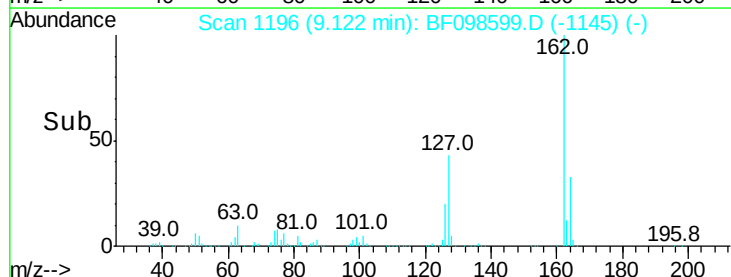
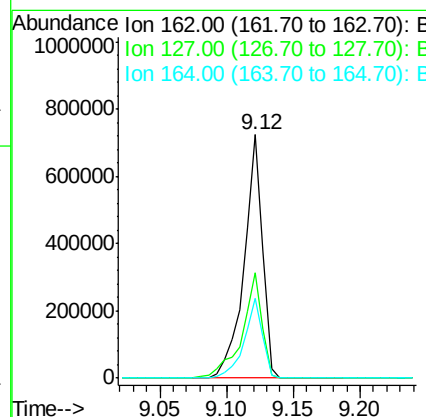
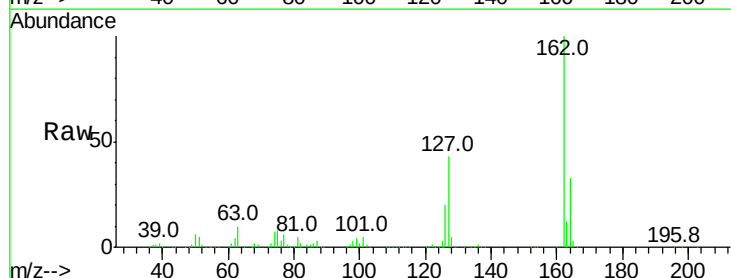
RT: 9.12 min Scan# 1196

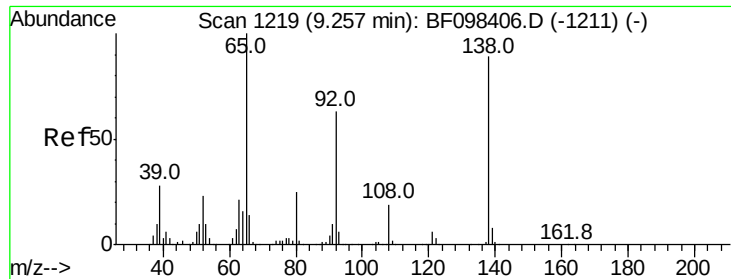
Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	162	Resp:	694934
Ion Ratio	Lower	Upper	
162	100		
127	43.2	28.3	42.5#
164	32.6	27.0	40.4





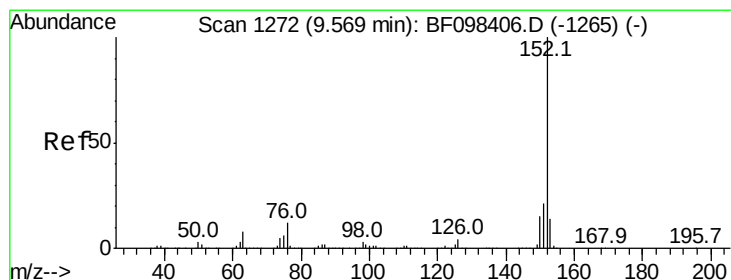
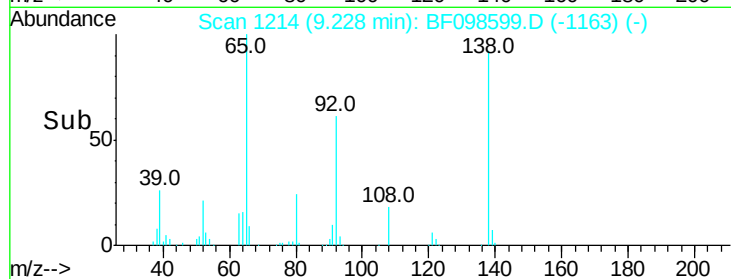
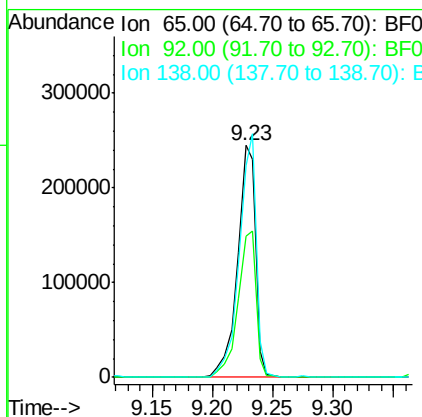
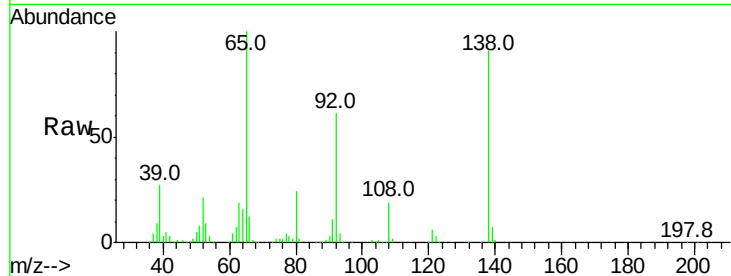
#47
2-Nitroaniline
Concen: 40.506 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.9	53.9	80.9
138	91.0	78.8	118.2

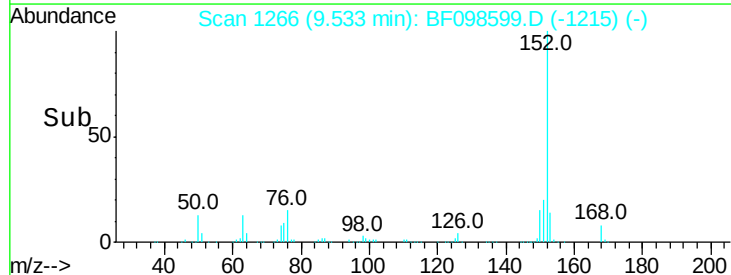
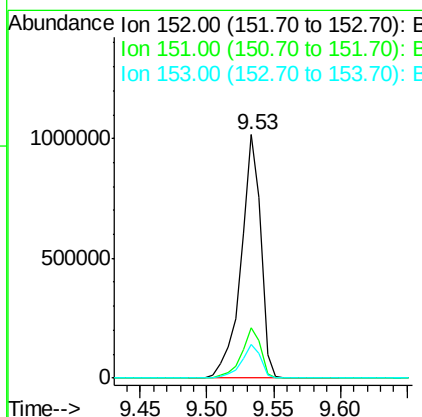
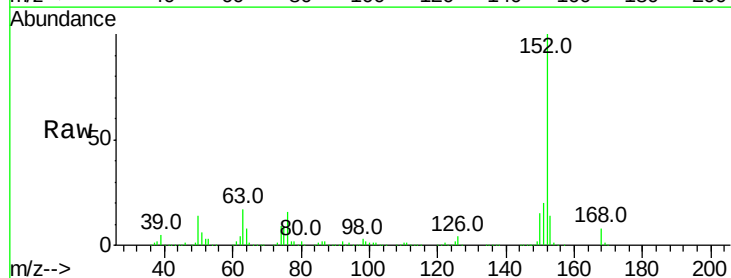
Manual Integrations
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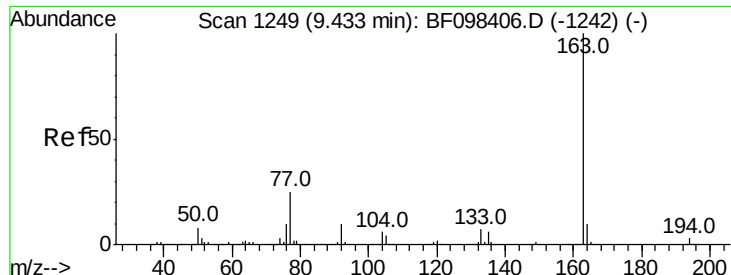
Sohil
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#48
Acenaphthylene
Concen: 42.289 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.1	10.8	16.2





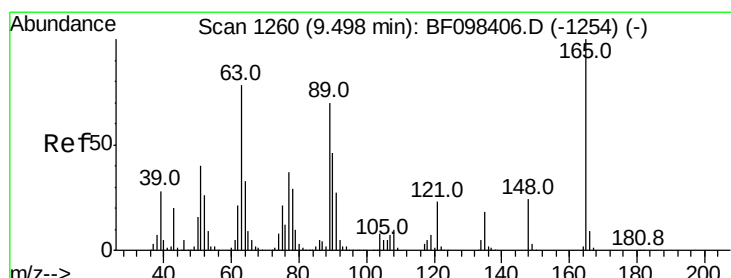
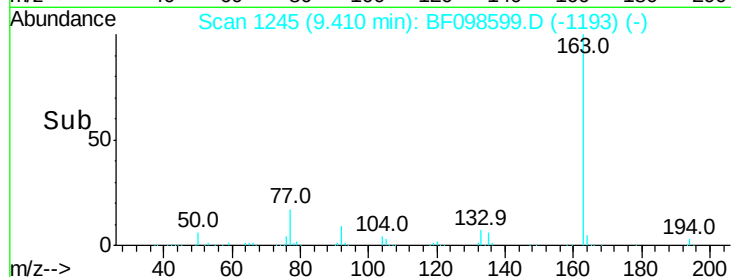
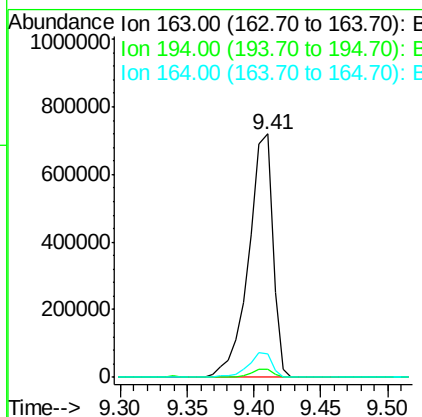
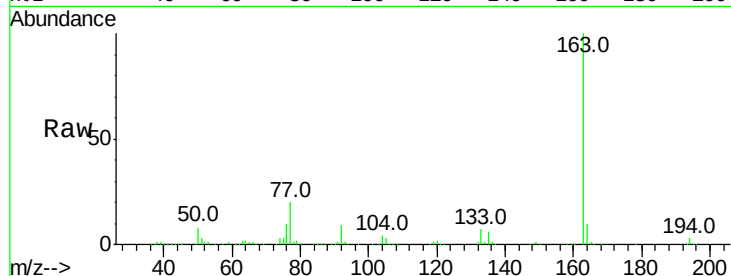
#49
Dimethylphthalate
Concen: 44.838 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	894173		
194	3.4		2.6	4.0
164	9.8		8.4	12.6

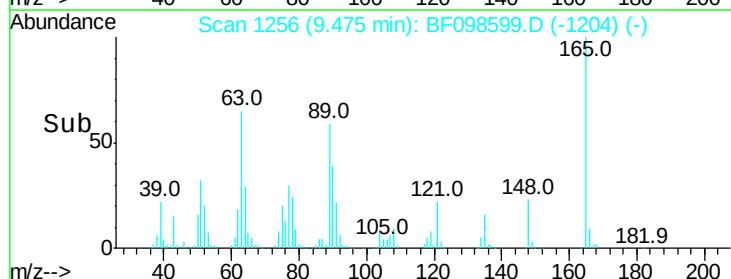
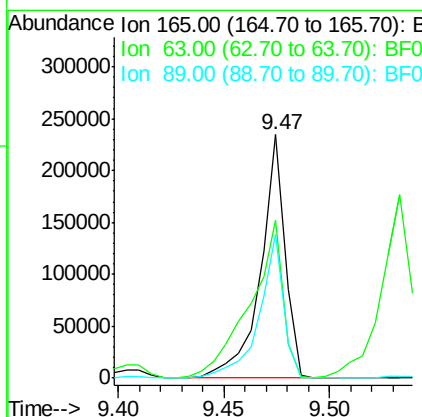
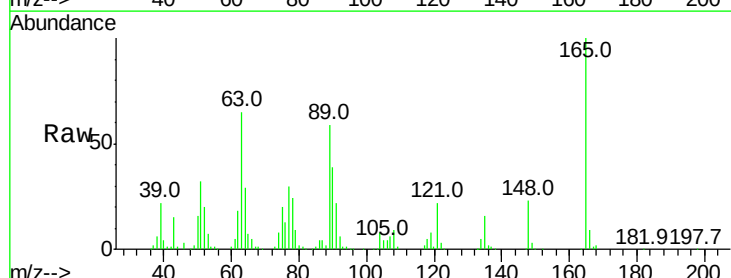
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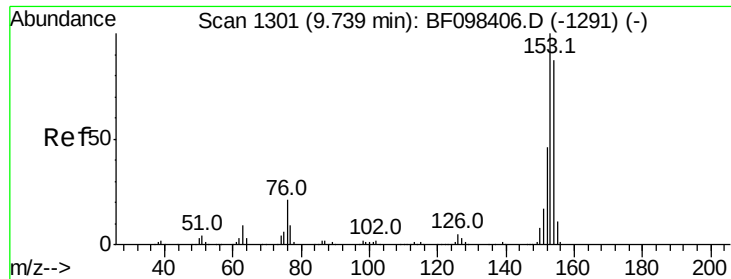
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.535 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190625		
63	64.7		34.3	51.5#
89	59.2		37.1	55.7#





#51

Acenaphthene

Concen: 42.963 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

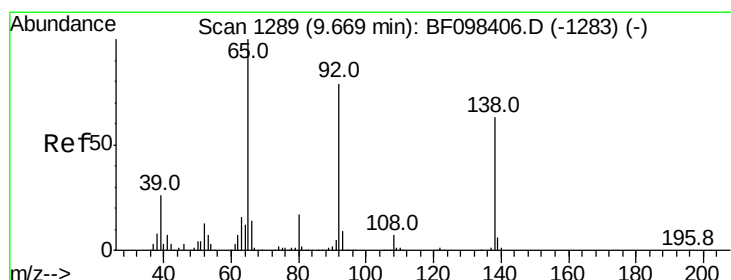
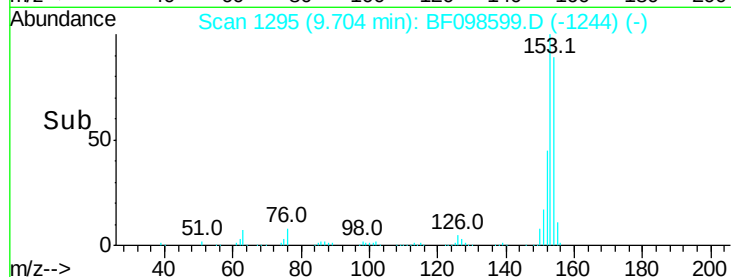
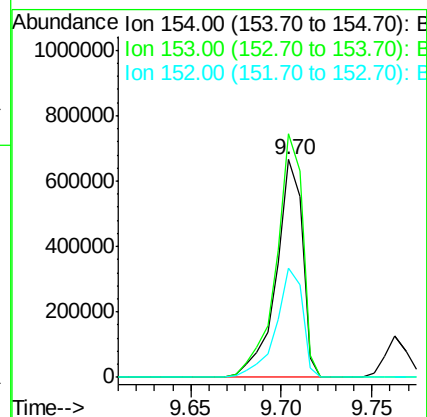
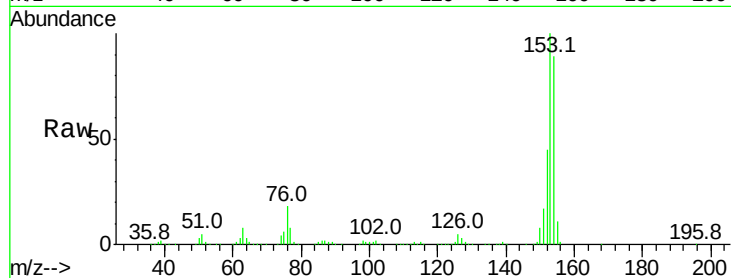
ClientSampleID :

PB102369BS

Tot Ion:	154	Resp:	668713
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.5	135.7
152	50.1	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.251 ng

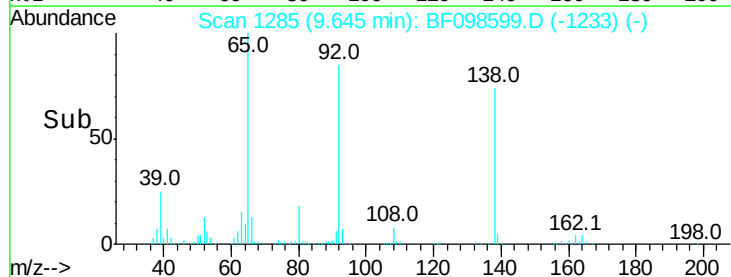
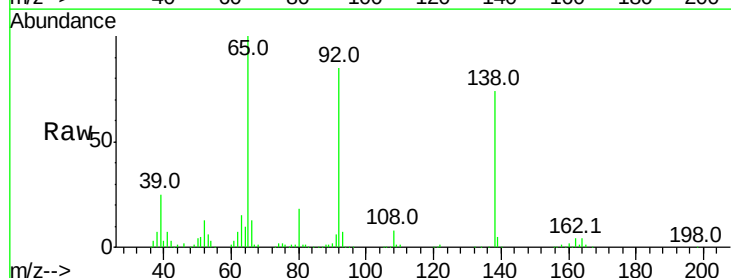
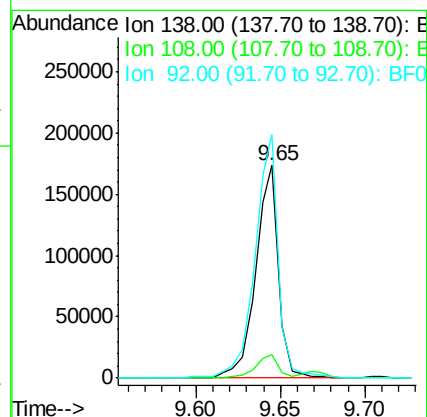
RT: 9.65 min Scan# 1285

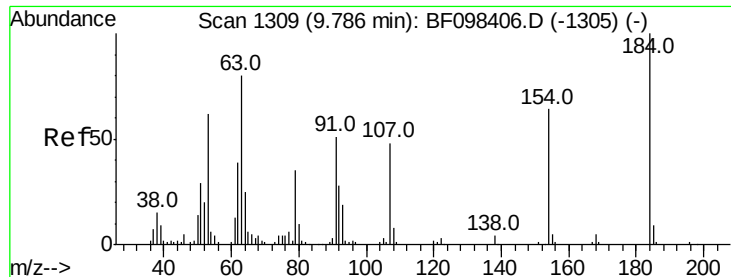
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	138	Resp:	164425
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.1	13.7
92	114.7	93.8	140.6





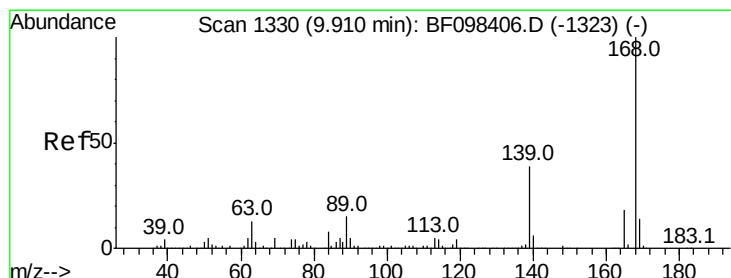
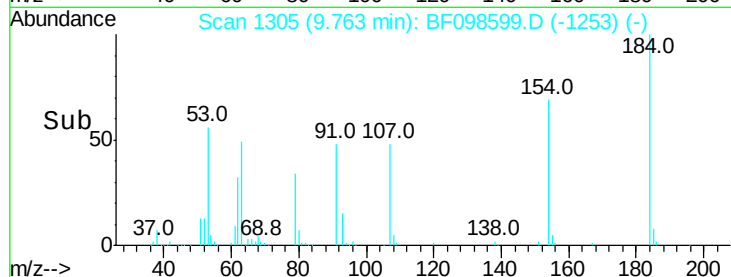
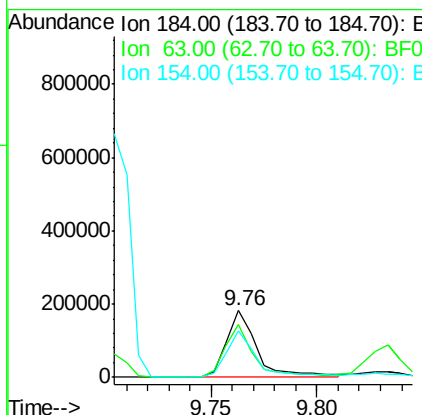
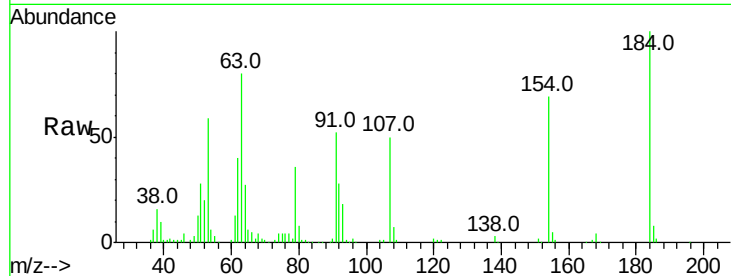
#53
2,4-Dinitrophenol
Concen: 91.542 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampled :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	179924		
63	79.7	62.7	94.1	
154	69.2	81.1	121.7	

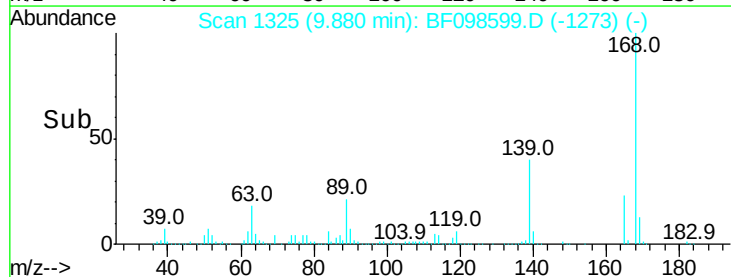
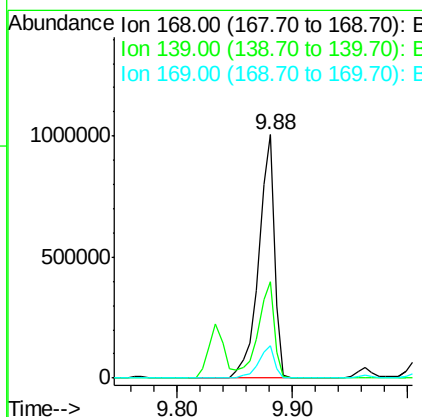
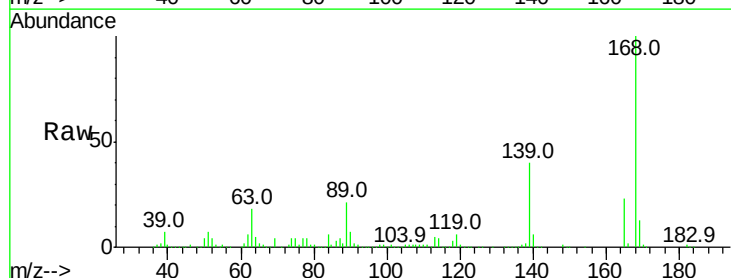
Manual Integrations
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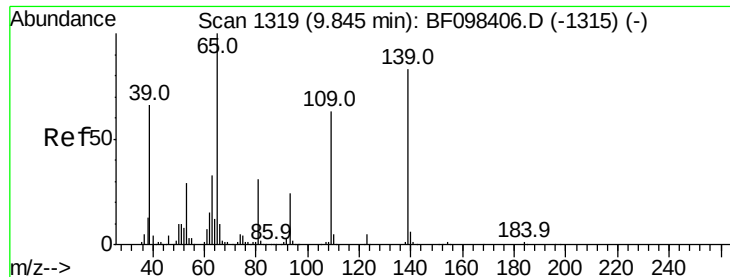
Sohil
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#54
Dibenzofuran
Concen: 47.226 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	968365		
139	39.7	30.6	45.8	
169	13.1	10.8	16.2	





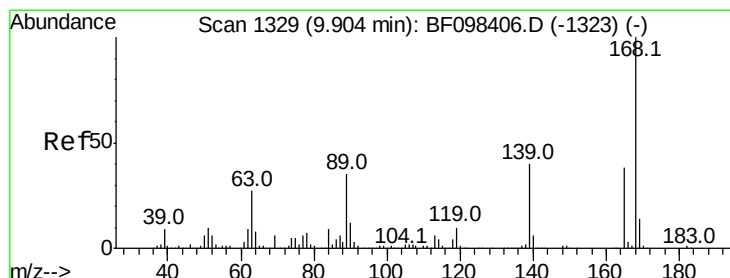
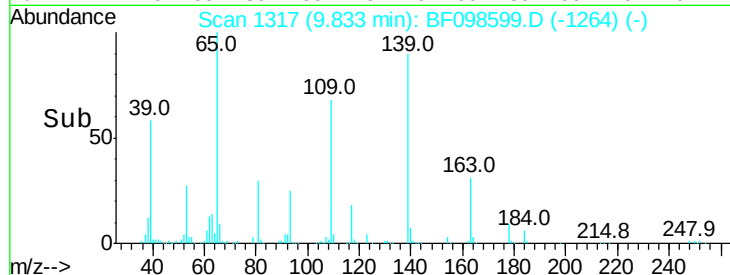
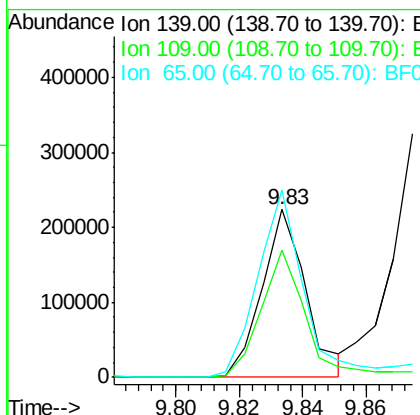
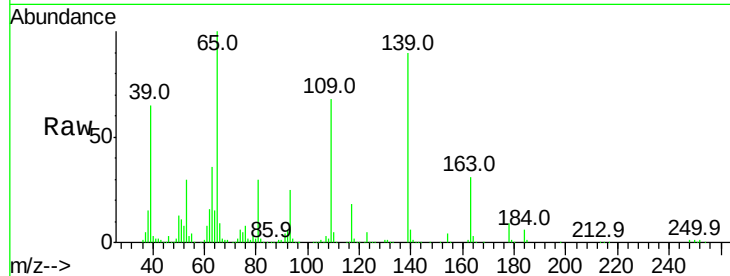
#55
4-Nitrophenol
Concen: 75.461 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.9	34.1	74.1#	
65	111.5	31.4	71.4#	

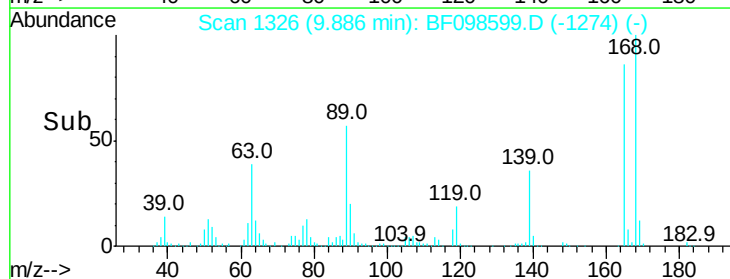
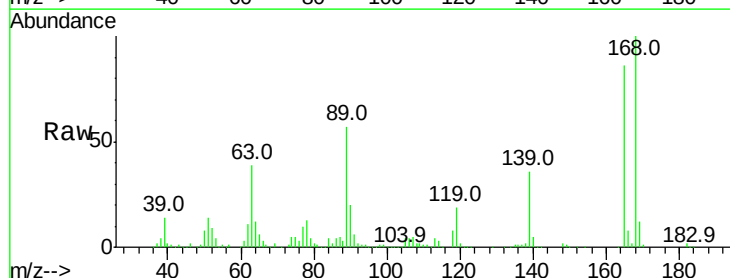
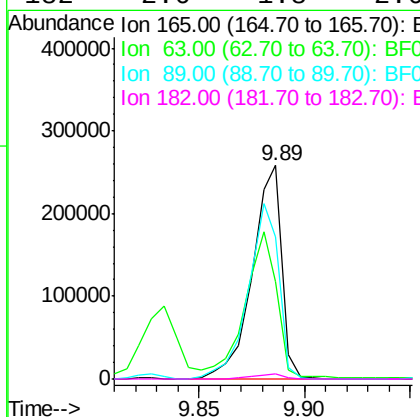
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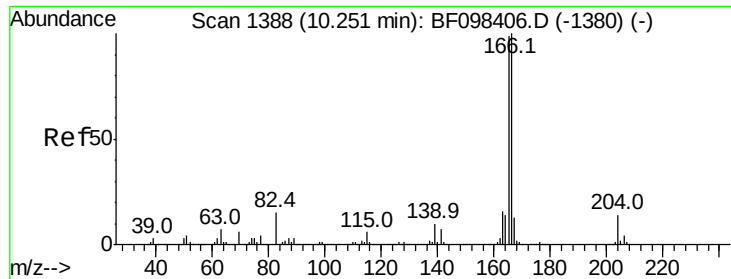
Sohil
9/19/2017 5:31:37 PM



#56
2,4-Dinitrotoluene
Concen: 50.308 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.3	25.4	38.0#	
89	66.6	46.4	69.6	
182	2.6	1.8	2.6#	





#57

Fluorene

Concen: 45.889 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

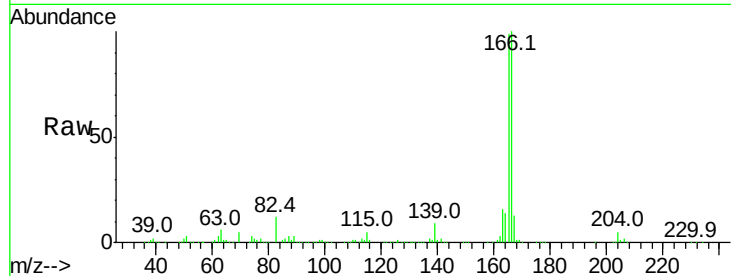
ClientSampleId :

PB102369BS

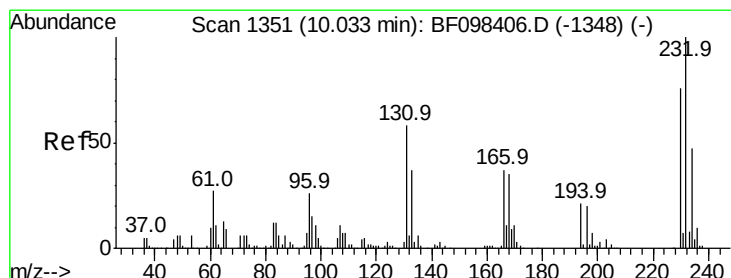
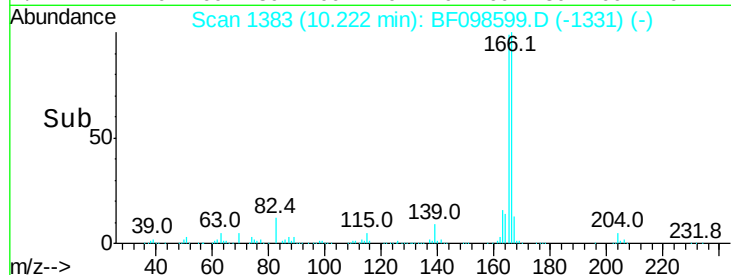
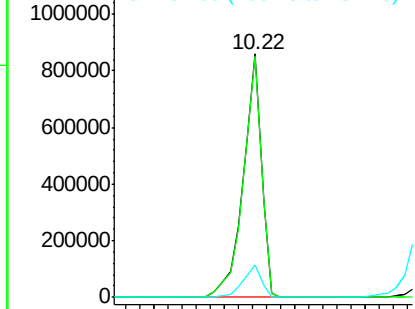
Tot Ion:	166	Resp:	778830
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.8	118.2
167	13.3	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.386 ng

RT: 10.00 min Scan# 1346

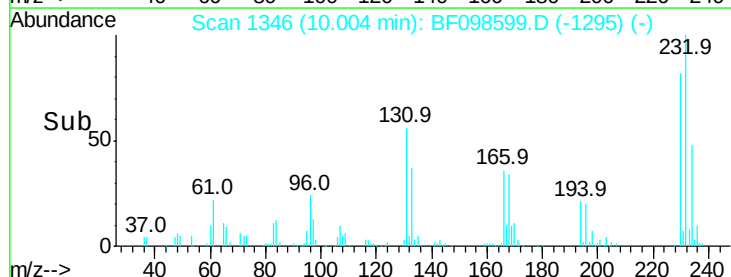
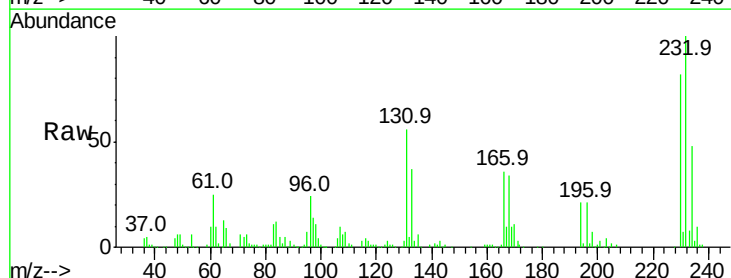
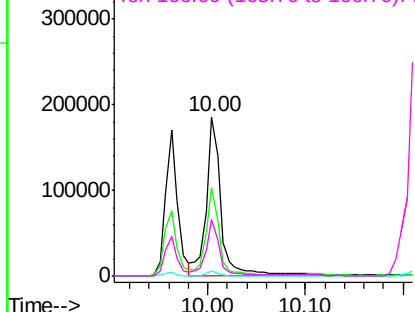
Delta R.T. -0.00 min

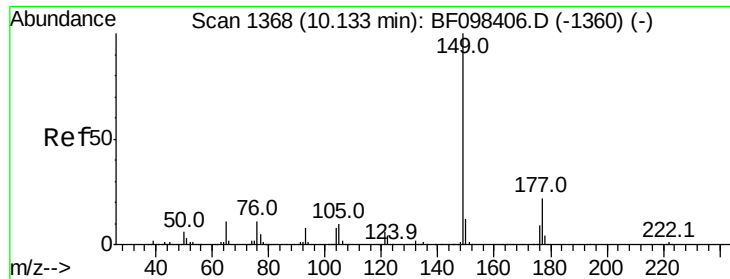
Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	232	Resp:	190009
Ion Ratio	Lower	Upper	
232	100		
131	50.9	44.8	67.2
130	2.8	2.3	3.5
166	32.6	29.0	43.4

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





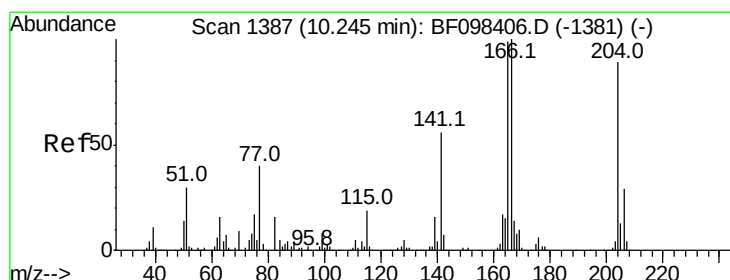
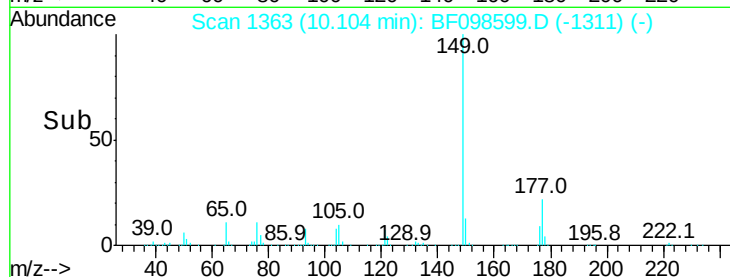
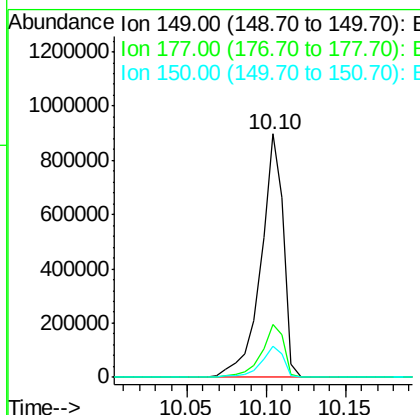
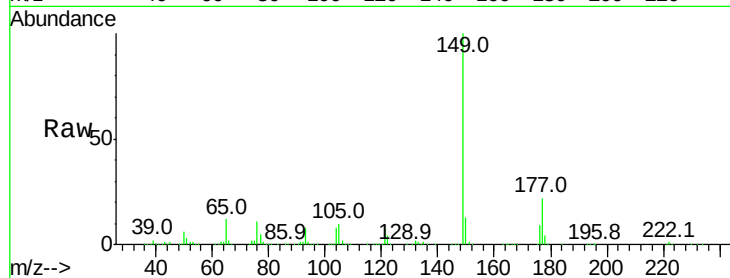
#59
Diethylphthalate
Concen: 46.801 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	887615		
177	21.8	16.7	25.1	
150	13.0	10.2	15.2	

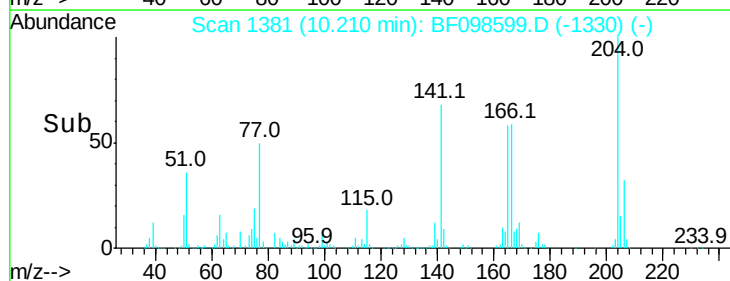
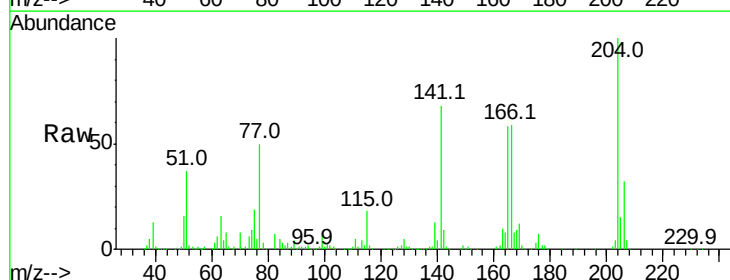
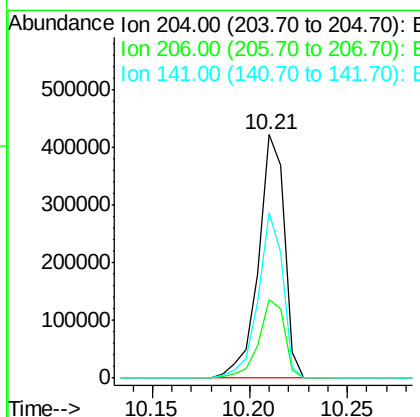
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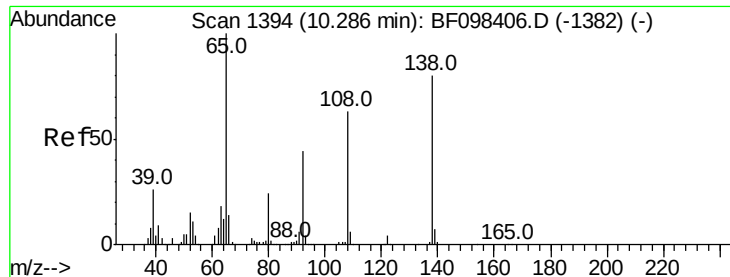
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 49.626 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	389031		
206	32.2	26.2	39.2	
141	67.8	60.8	91.2	





#61

4-Nitroaniline

Concen: 38.871 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

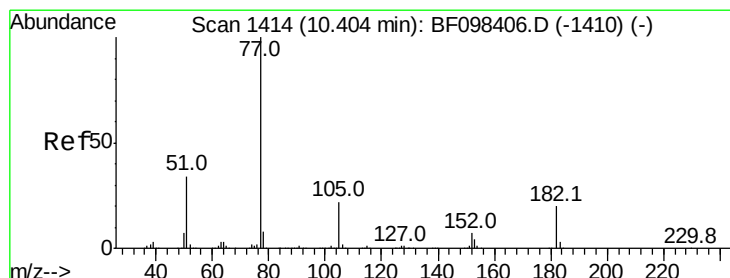
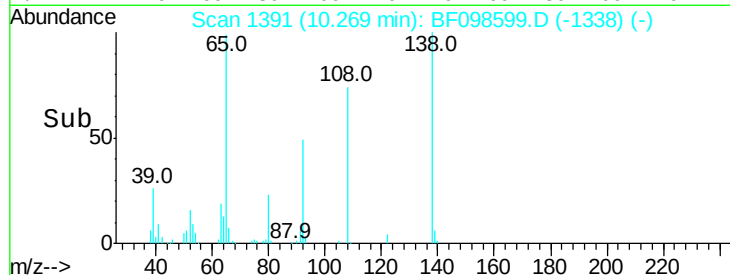
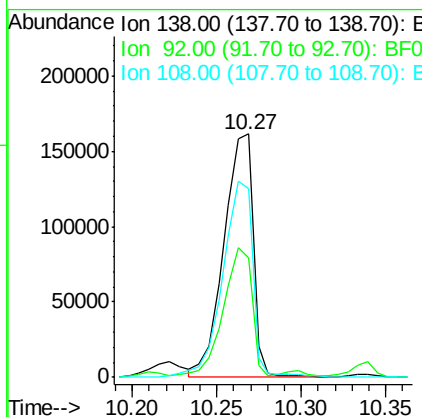
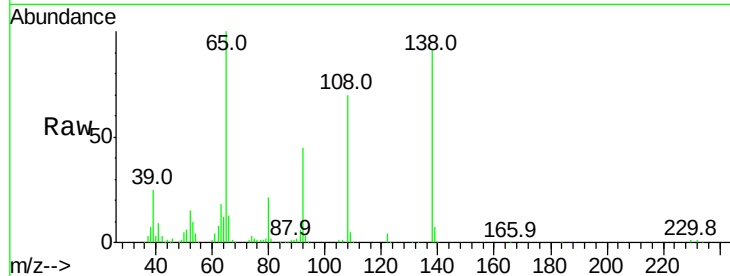
PB102369BS

Tot Ion:	138	Resp:	194115
Ion Ratio	Lower	Upper	
138	100		
92	49.0	21.8	61.8
108	77.3	42.3	82.3

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#62

Azobenzene

Concen: 41.590 ng

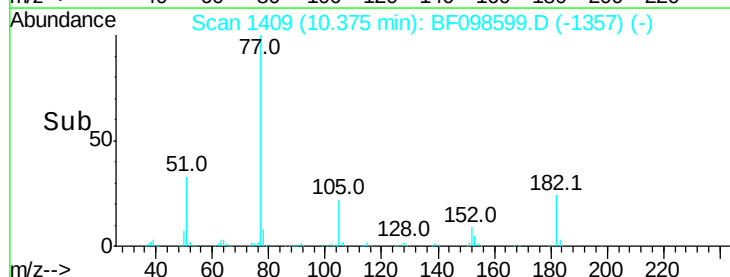
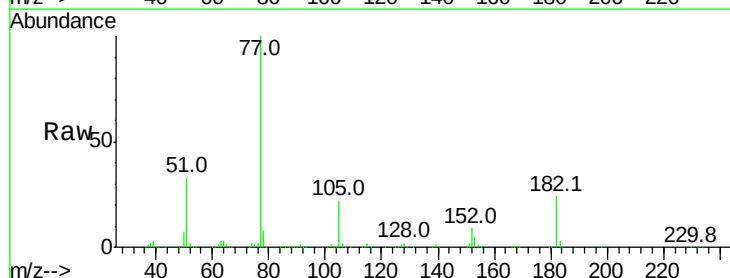
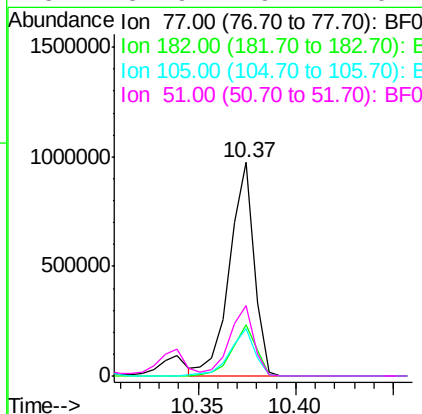
RT: 10.37 min Scan# 1409

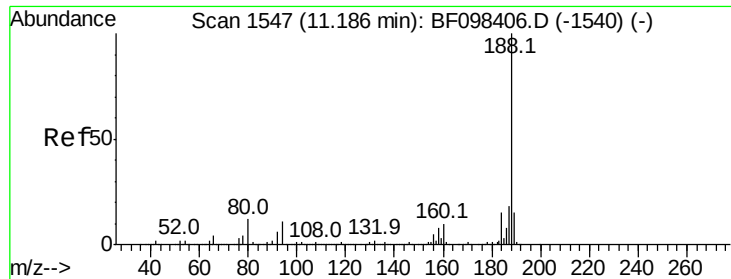
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	77	Resp:	850151
Ion Ratio	Lower	Upper	
77	100		
182	24.2	0.1	40.1
105	22.4	3.6	43.6
51	32.9	9.4	49.4





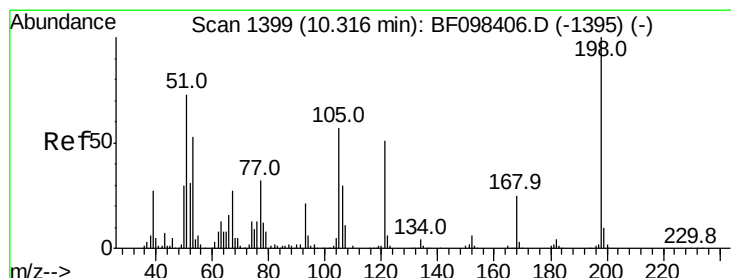
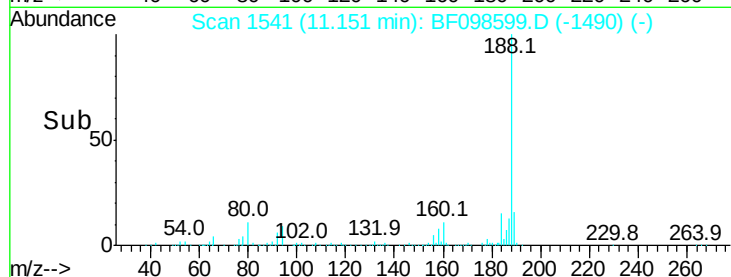
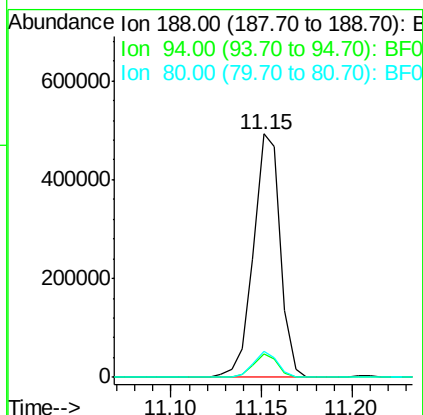
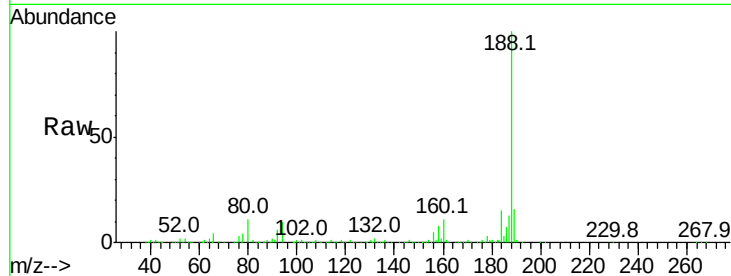
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	9.4	14.2
80	10.8	10.2	15.2

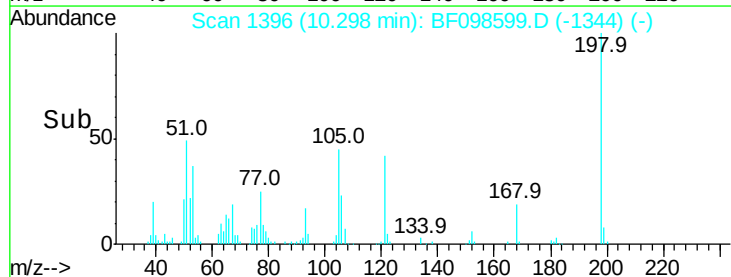
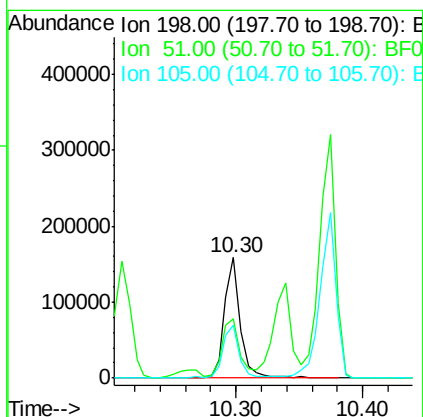
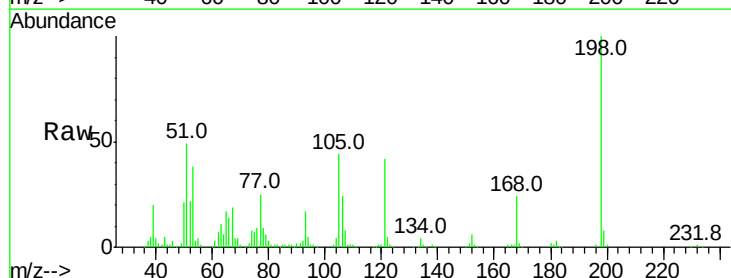
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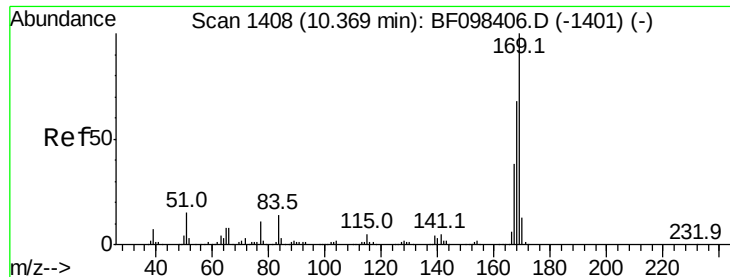
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.247 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.1	53.2	93.2#
105	44.4	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 42.976 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

PB102369BS

Tot Ion:169 Resp: 706096

Ion Ratio Lower Upper

169 100

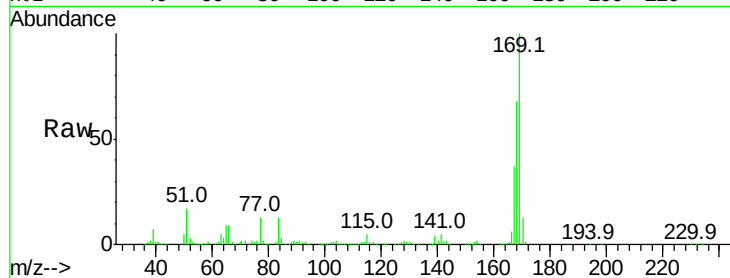
168 67.8 53.2 79.8

167 36.7 29.5 44.3

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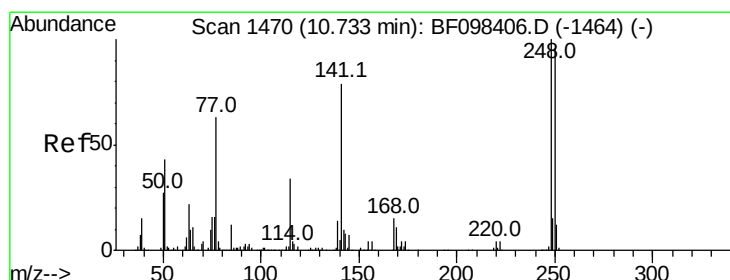
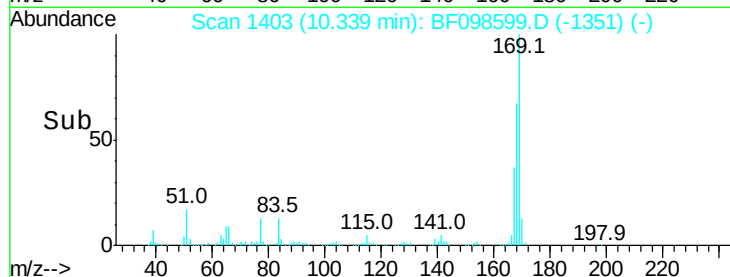
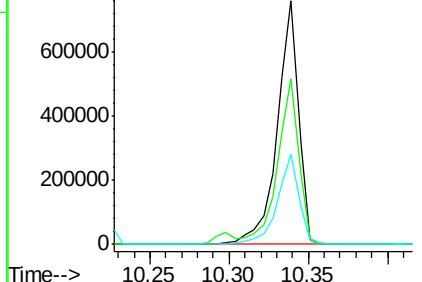
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.390 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

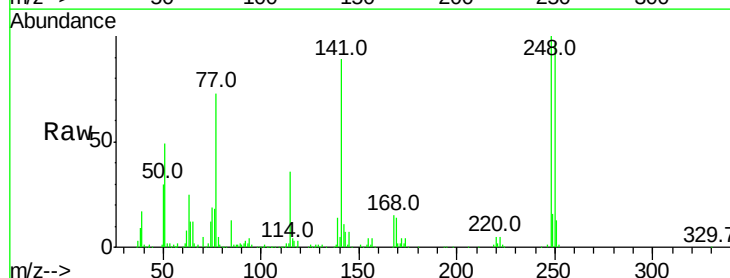
Tgt Ion:248 Resp: 232390

Ion Ratio Lower Upper

248 100

250 97.5 76.8 115.2

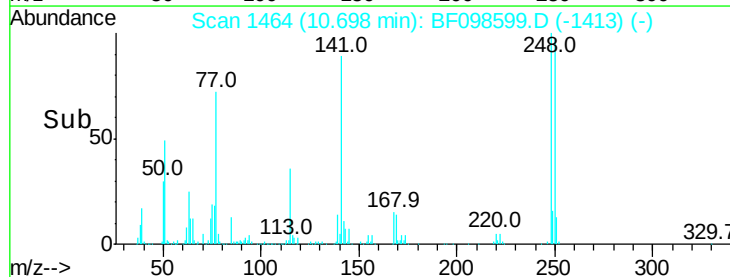
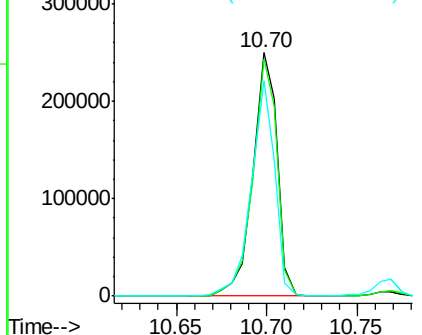
141 88.7 68.6 103.0

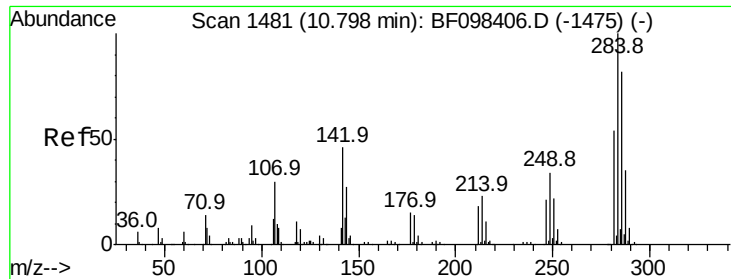


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.924 ng

RT: 10.77 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampled :

PB102369BS

Tot Ion:284 Resp: 223708
Ion Ratio Lower Upper

284 100

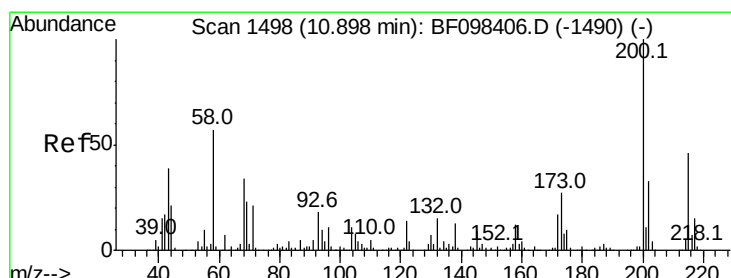
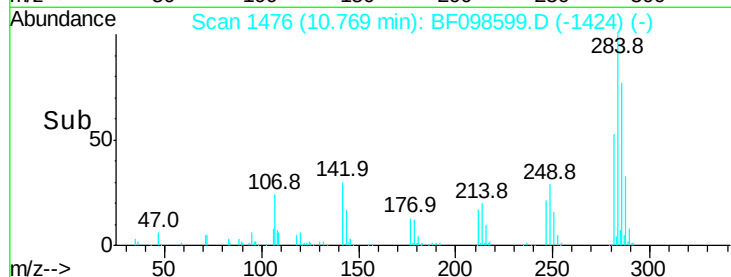
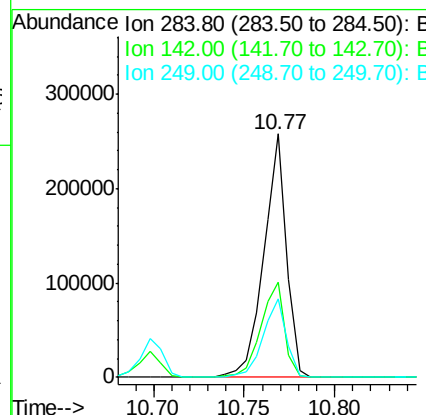
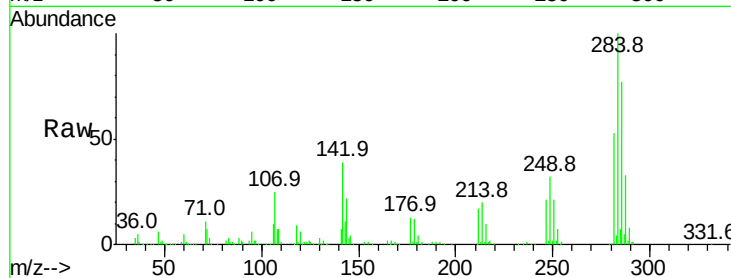
142 39.0 22.8 34.2#

249 32.1 24.0 36.0

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#68

Atrazine

Concen: 47.881 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF098599.D

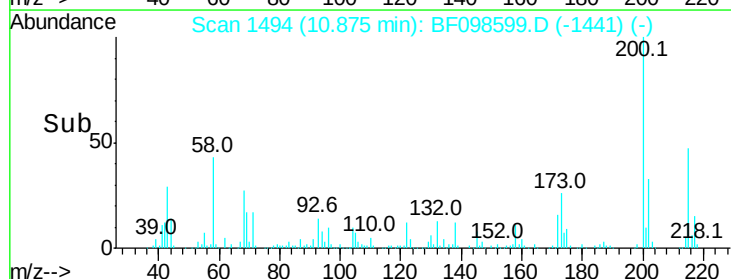
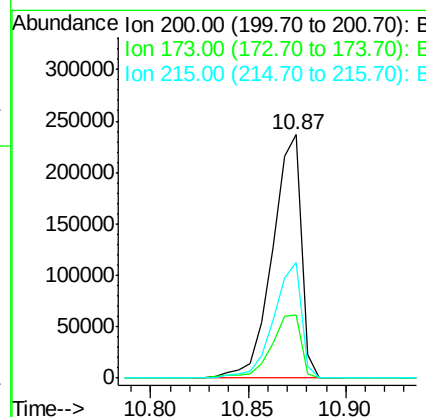
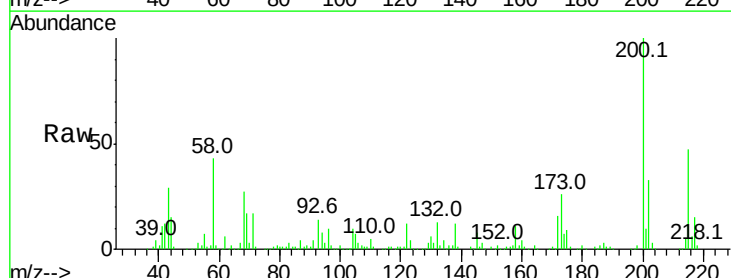
Acq: 18 Sep 2017 13:50

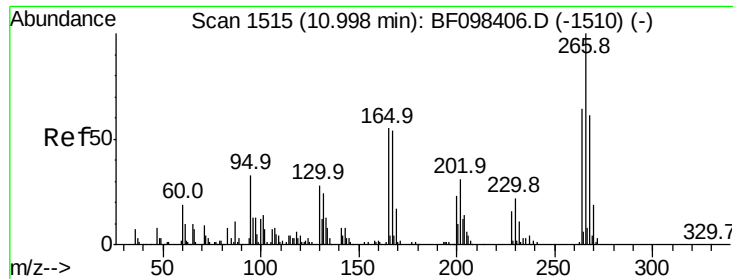
Tgt Ion:200 Resp: 242191
Ion Ratio Lower Upper

200 100

173 25.8 6.3 46.3

215 47.5 27.2 67.2





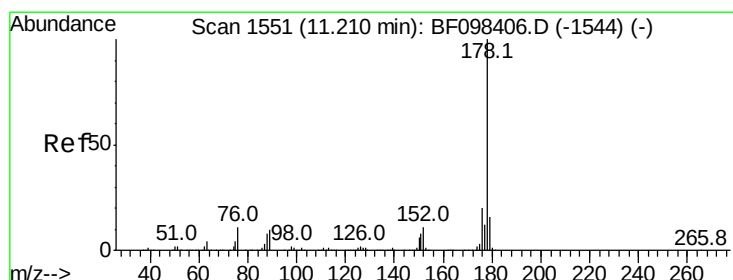
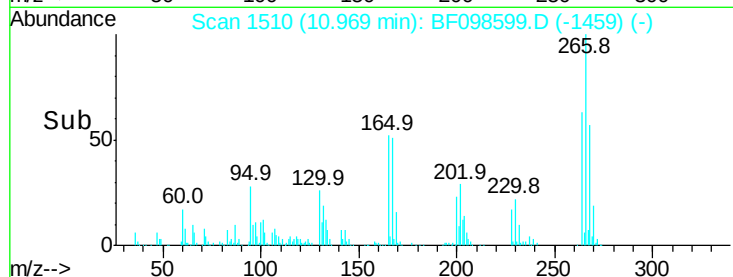
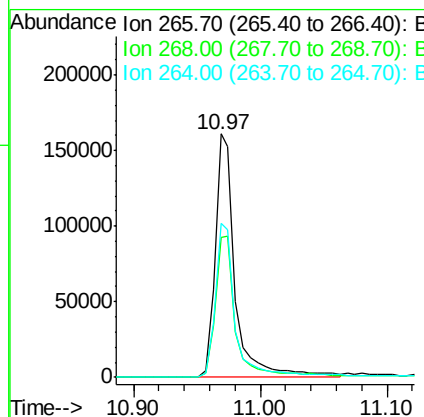
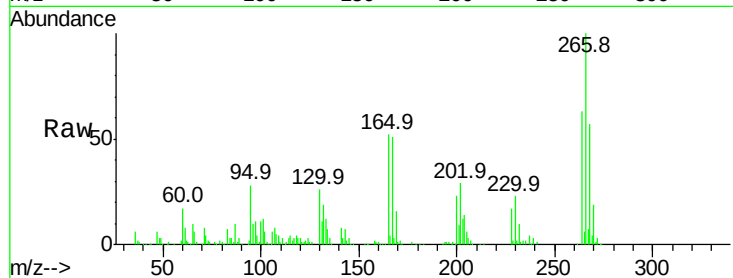
#69
 Pentachlorophenol
 Concen: 83.152 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	179947		
268	57.3	51.1	76.7	
264	63.1	51.7	77.5	

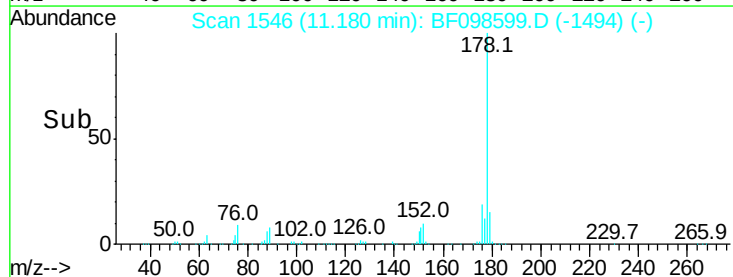
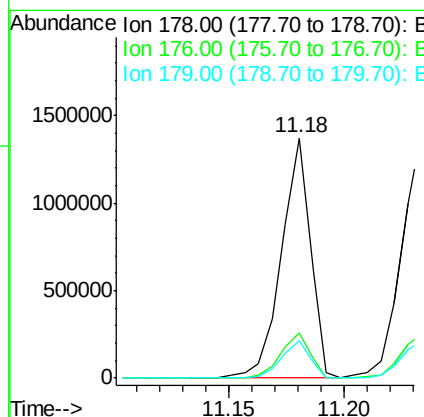
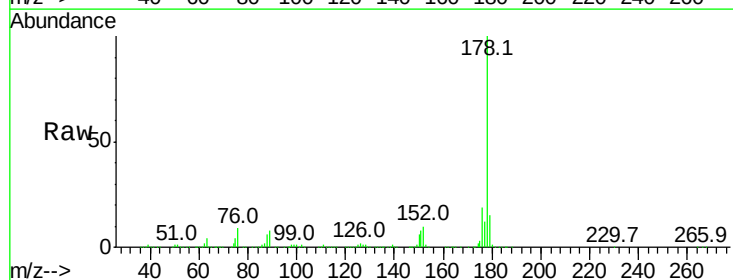
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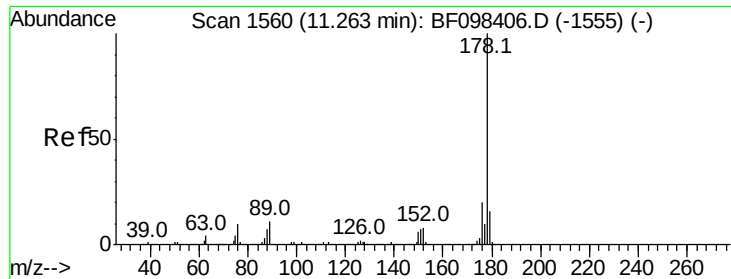
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#70
 Phenanthrene
 Concen: 44.395 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1190890		
176	18.9	16.2	24.4	
179	15.4	12.6	19.0	





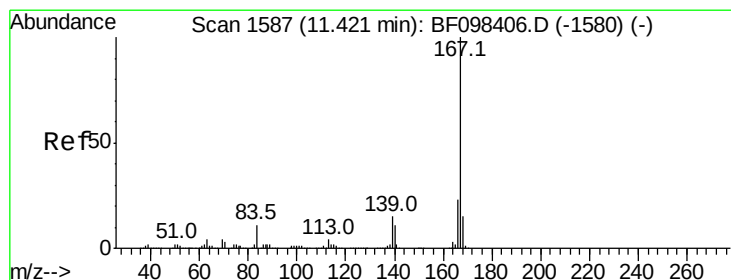
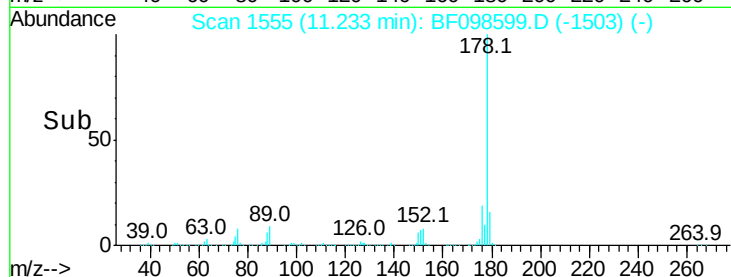
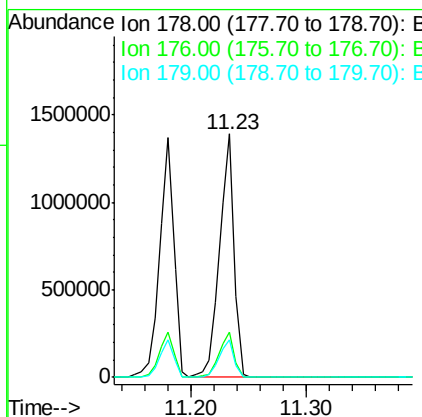
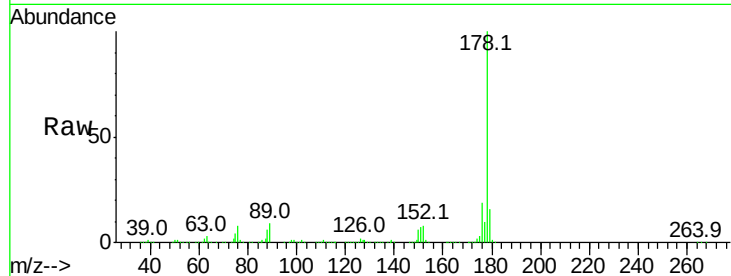
#71
 Anthracene
 Concen: 44.431 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.6	12.7	19.1

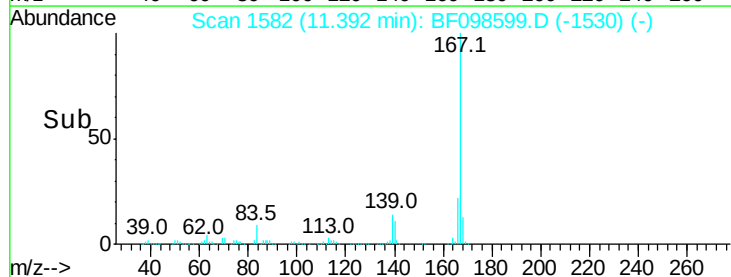
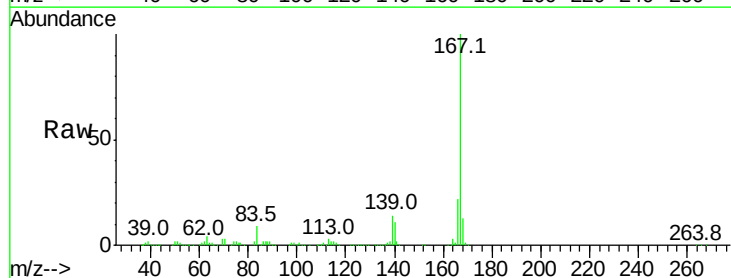
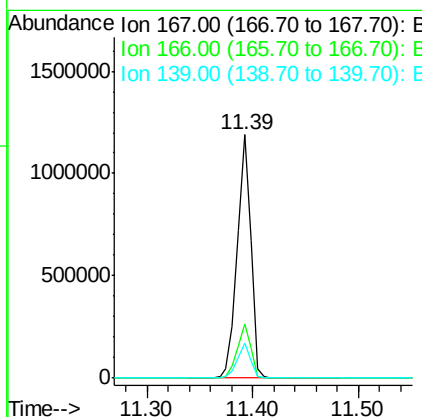
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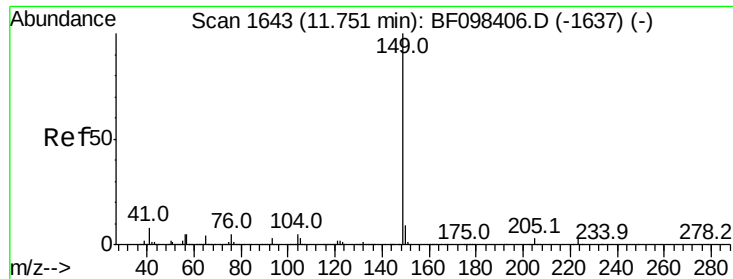
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#72
 Carbazole
 Concen: 40.838 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.239 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

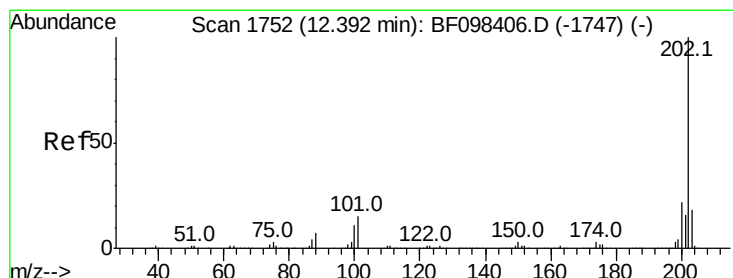
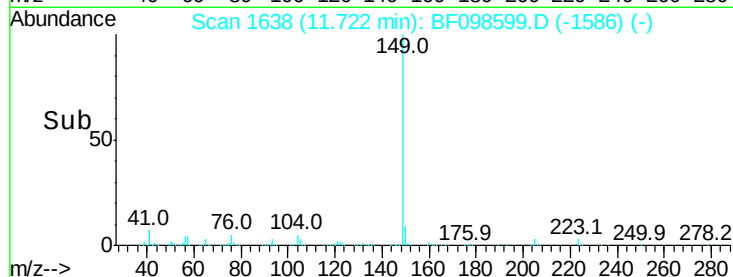
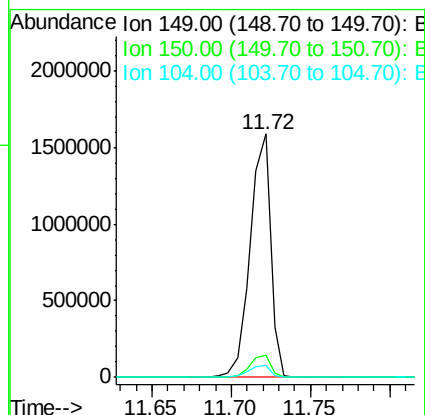
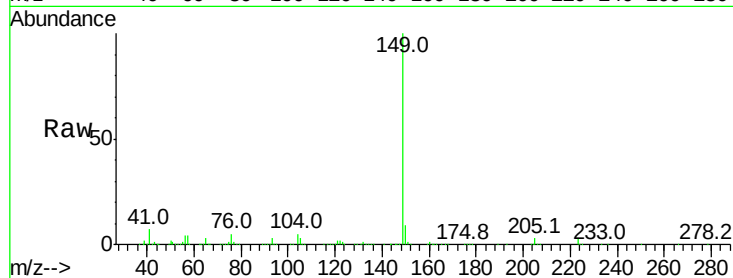
ClientSampleId :

PB102369BS

Tot Ion:	149	Resp:	1421981
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.9	4.0	6.0

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#74

Fluoranthene

Concen: 45.093 ng

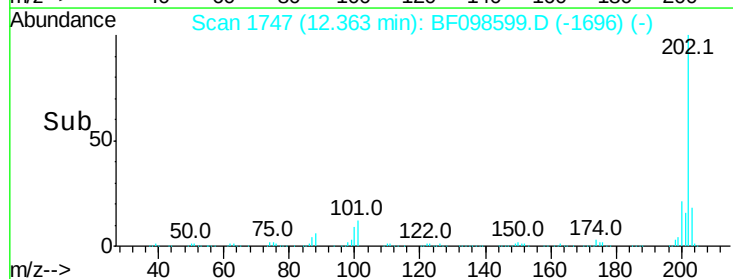
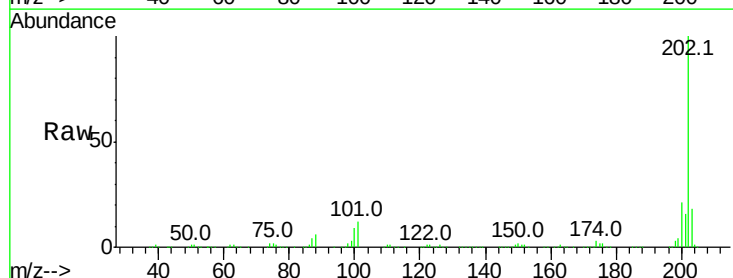
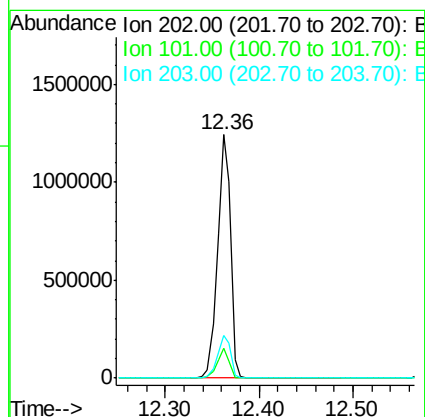
RT: 12.36 min Scan# 1747

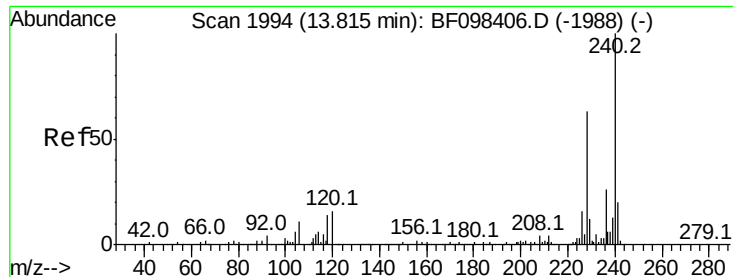
Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	202	Resp:	1210892
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

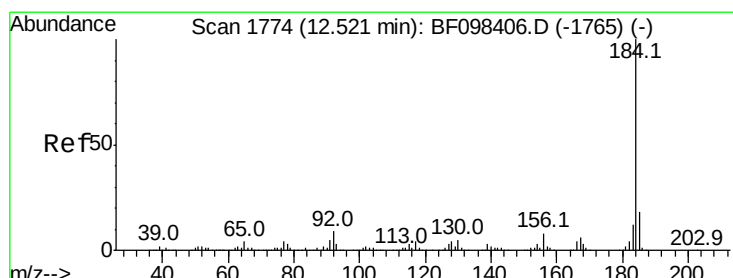
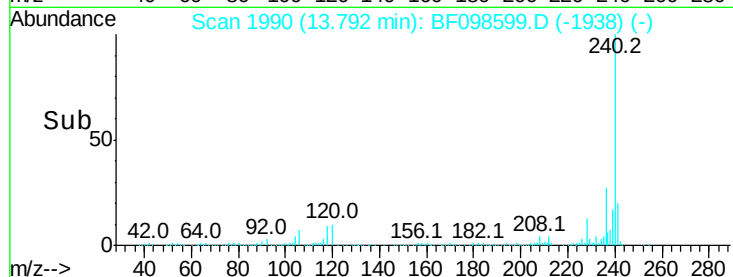
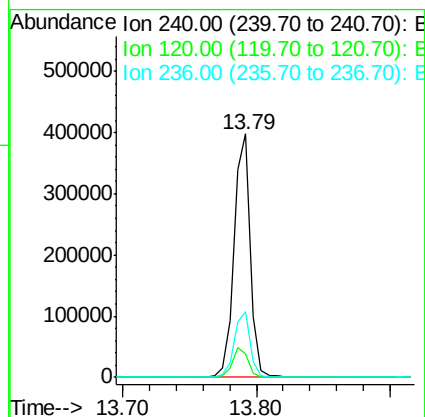
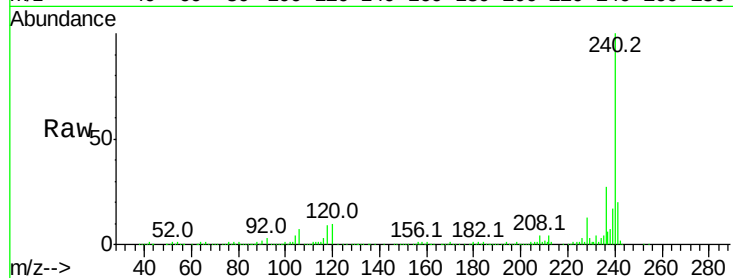
ClientSampleId :

PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.9	5.8	8.8#	
236	26.8	20.5	30.7	

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#76

Benzidine

Concen: 32.620 ng

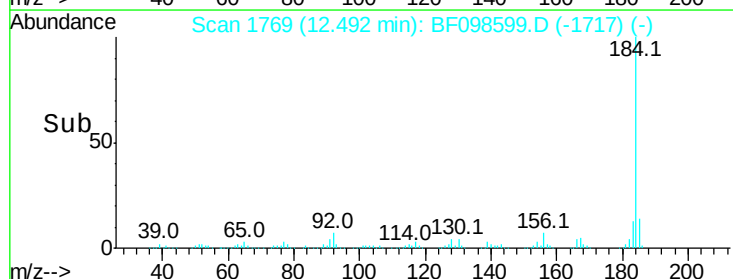
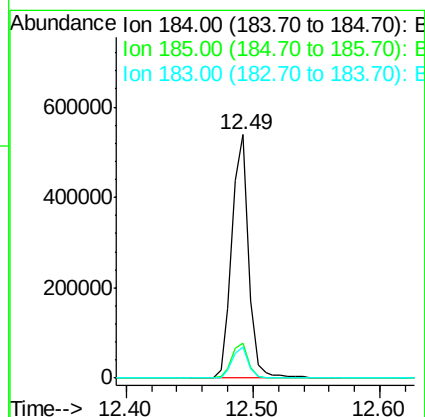
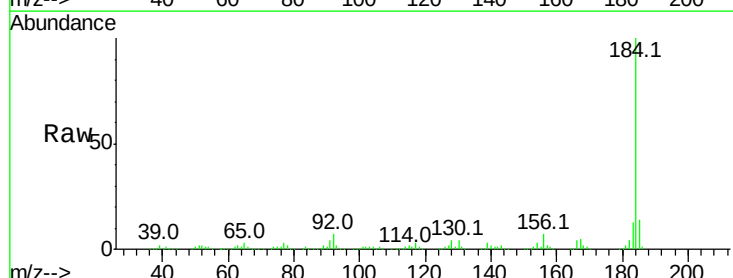
RT: 12.49 min Scan# 1769

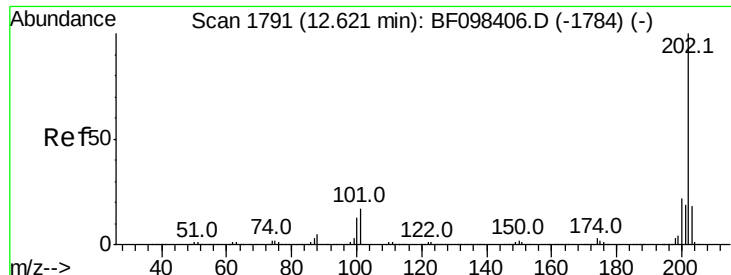
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	15.5	23.3#	
183	12.6	9.8	14.6	





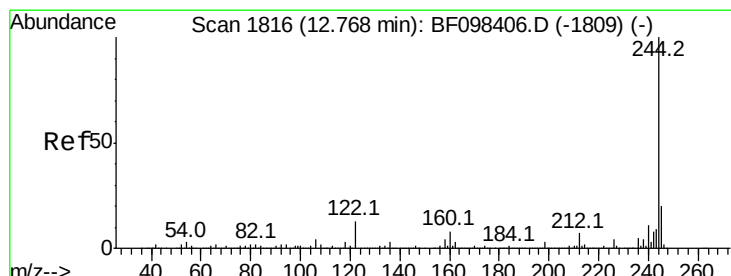
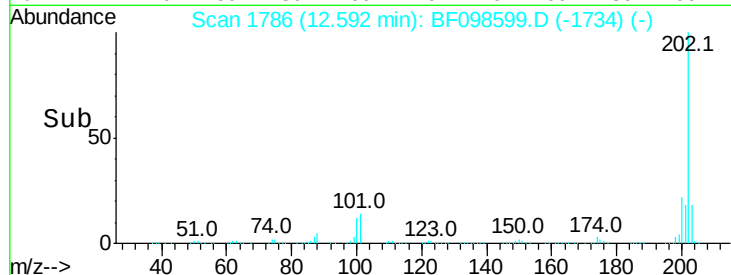
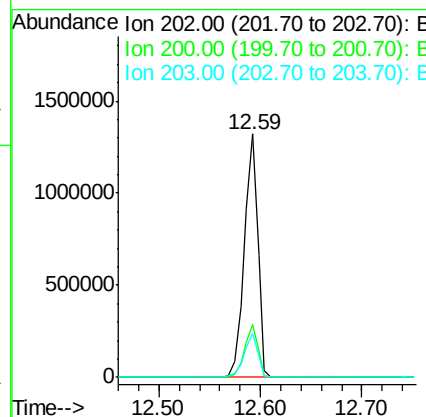
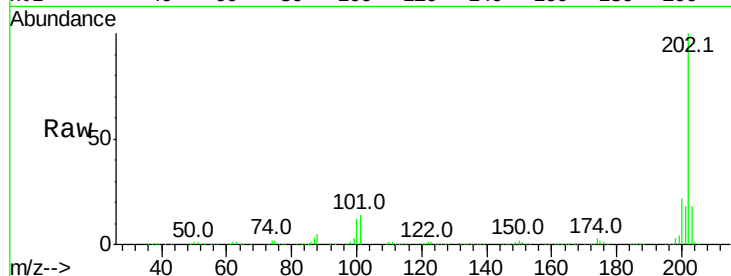
#77
Pvrene
Concen: 45.093 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion:202 Resp: 1212731
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.8 14.4 21.6

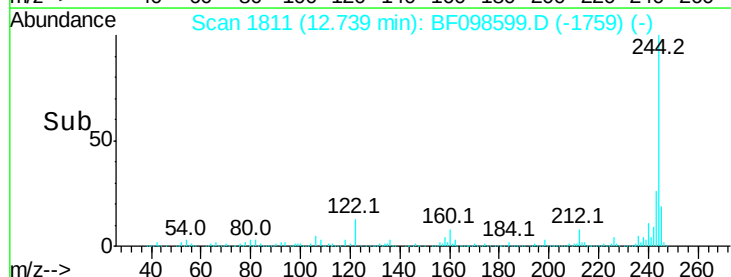
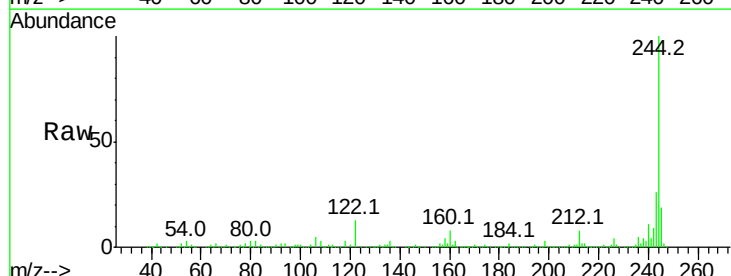
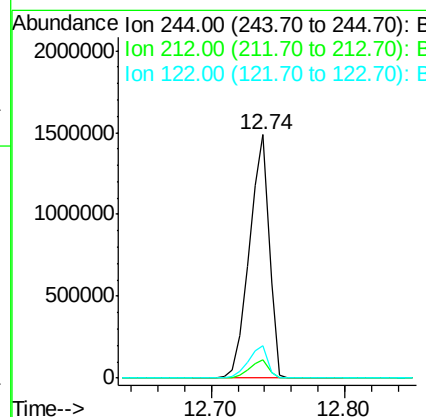
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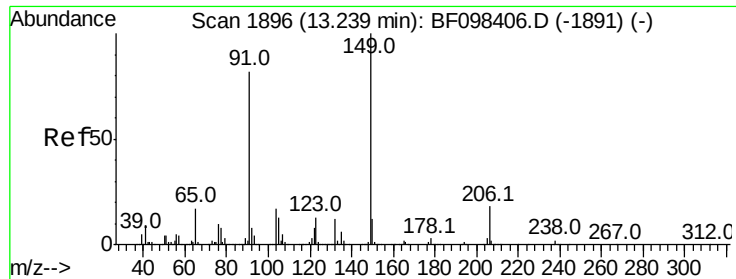
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#78
Terphenyl-d14
Concen: 95.511 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:244 Resp: 1508544
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.2 10.3 15.5





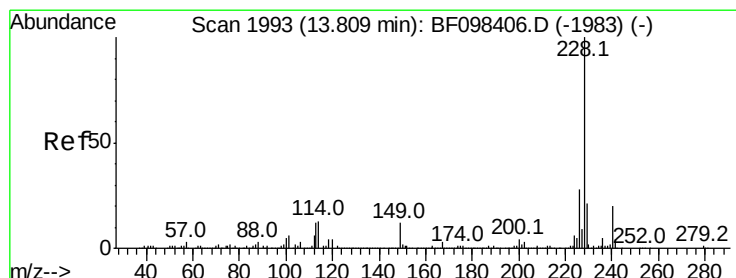
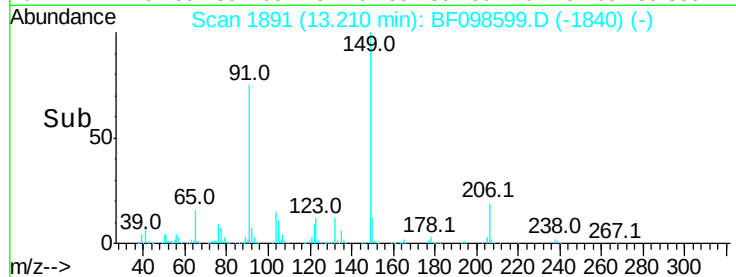
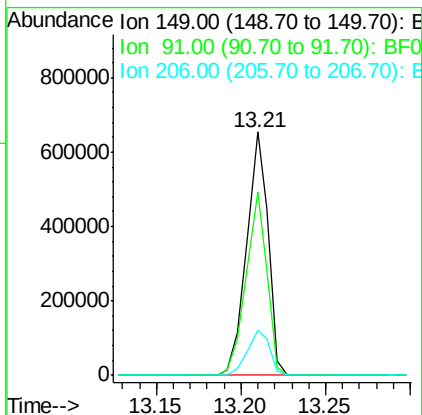
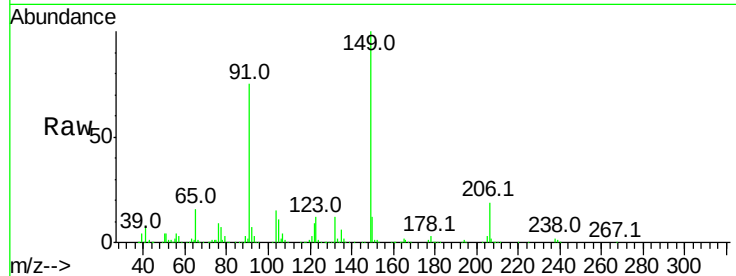
#79
Butylbenzylphthalate
Concen: 50.112 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :
PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	584663		
91	75.3	45.0	67.4#	
206	18.7	17.0	25.6	

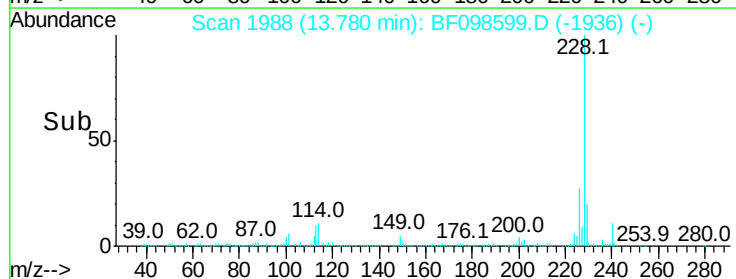
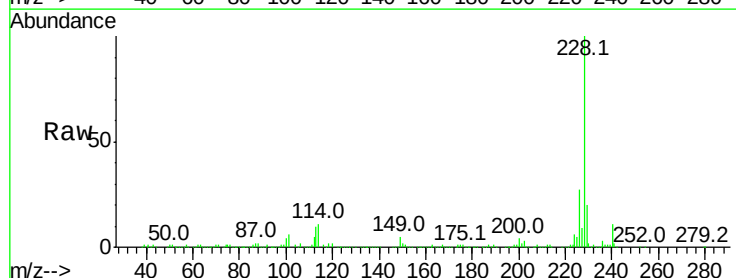
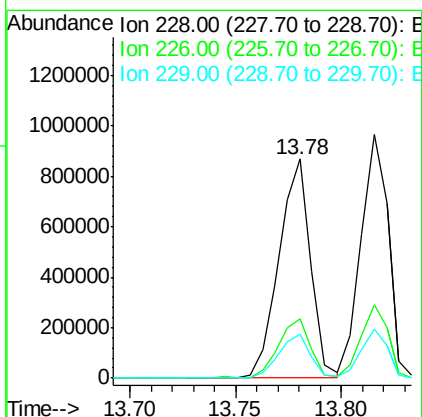
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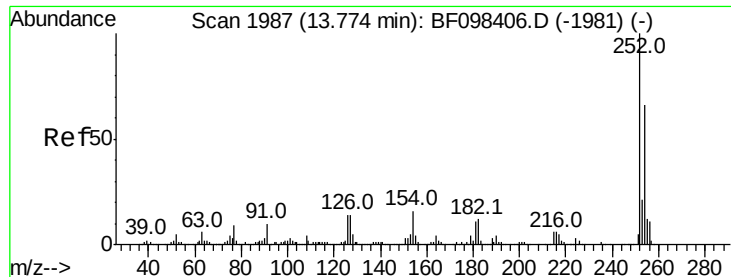
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#80
Benzo(a)anthracene
Concen: 45.324 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	905912		
226	27.3	22.6	33.8	
229	19.8	16.3	24.5	





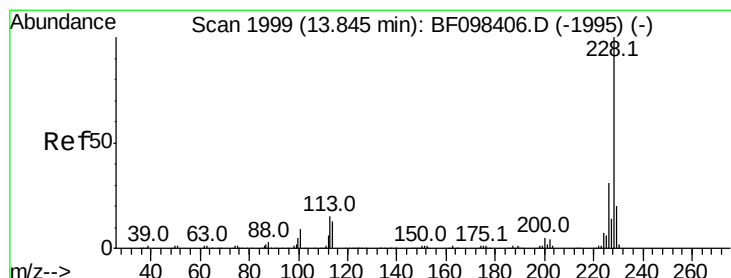
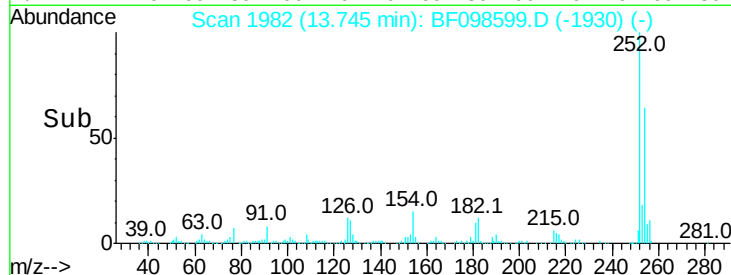
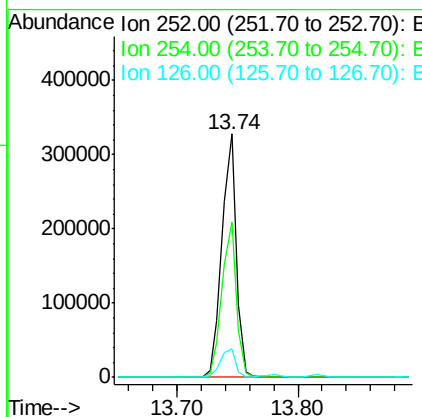
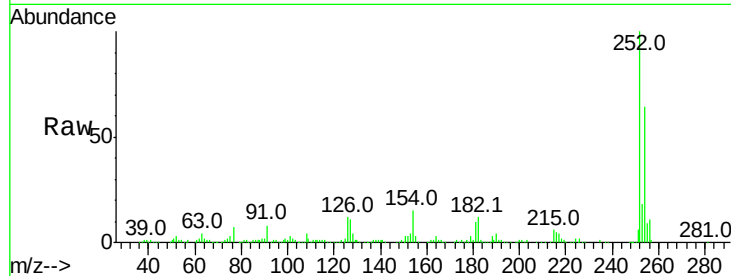
#81
 3,3'-Dichlorobenzidine
 Concen: 34.814 ng
 RT: 13.74 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.5	77.3
126	11.6	15.8	23.8

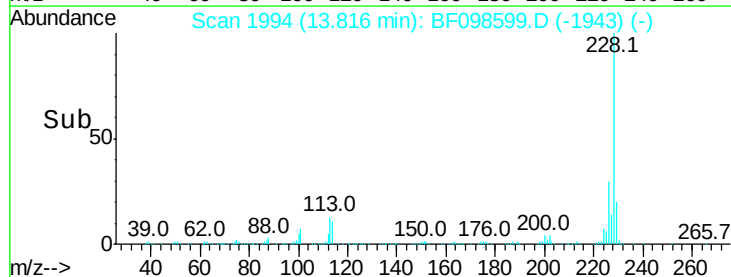
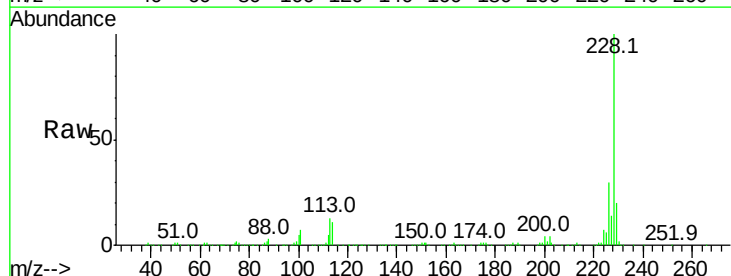
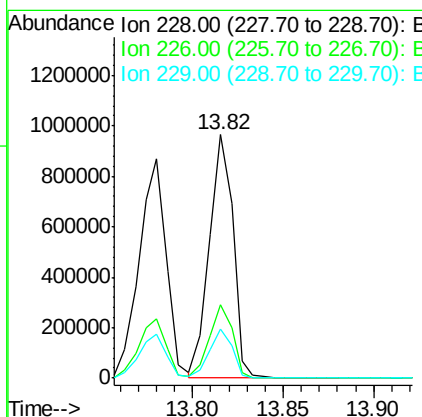
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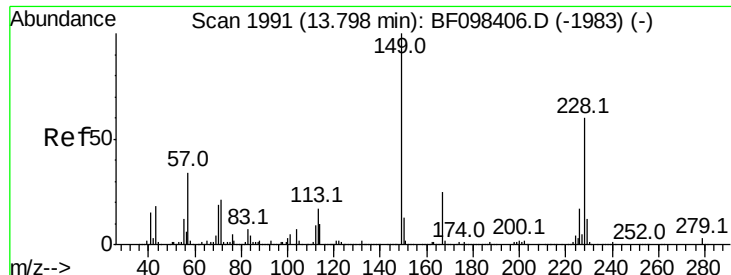
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#82
 Chrysene
 Concen: 43.344 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.0	15.8	23.6





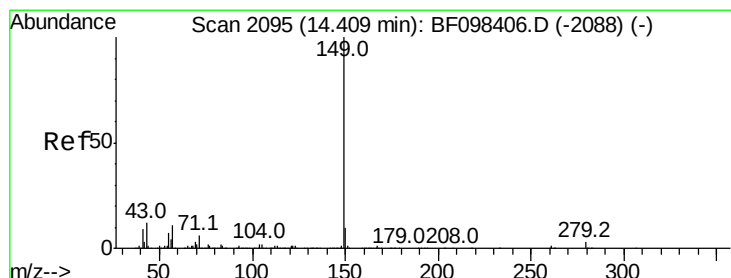
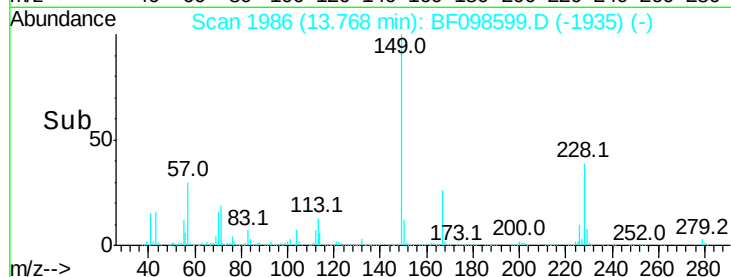
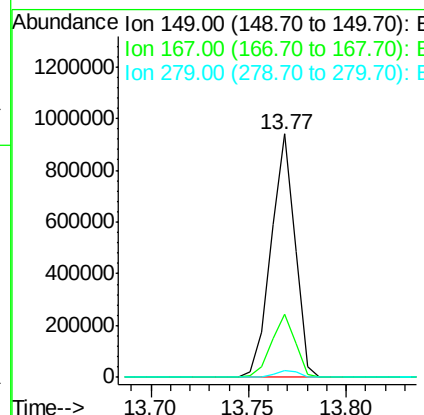
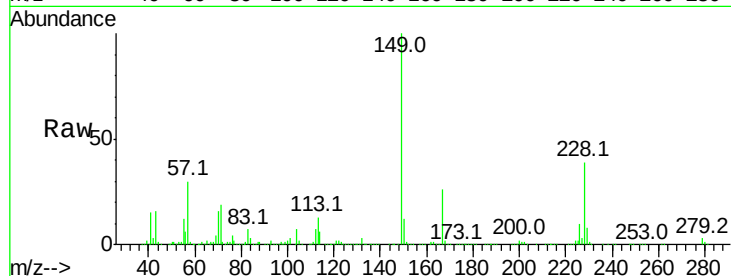
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.610 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.0	31.4	
279	3.0	1.9	2.9	

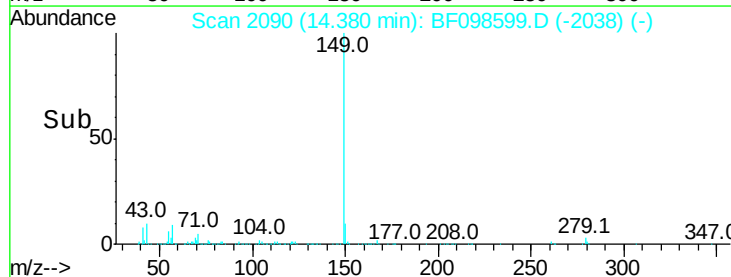
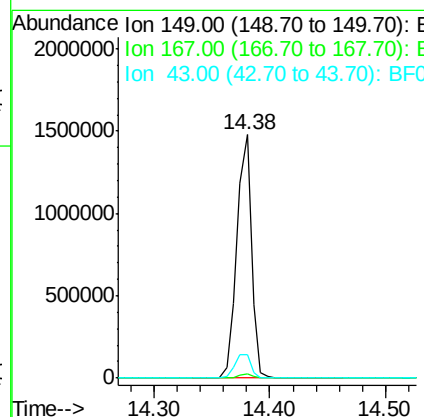
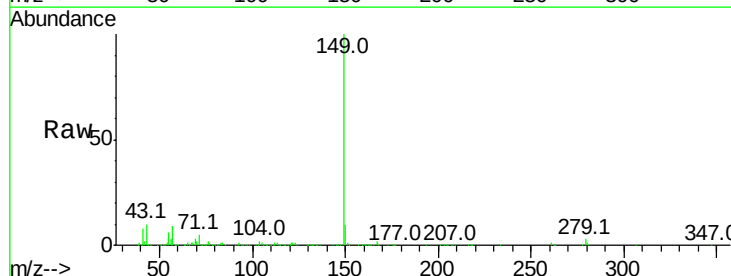
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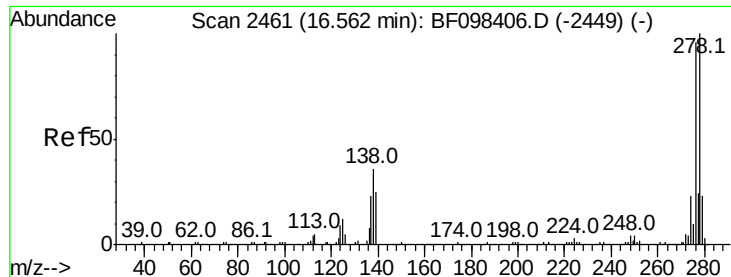
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#84
 Di-n-octyl phthalate
 Concen: 51.971 ng
 RT: 14.38 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.7	8.5	12.7	





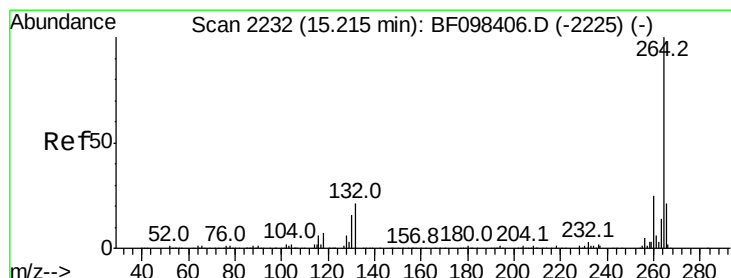
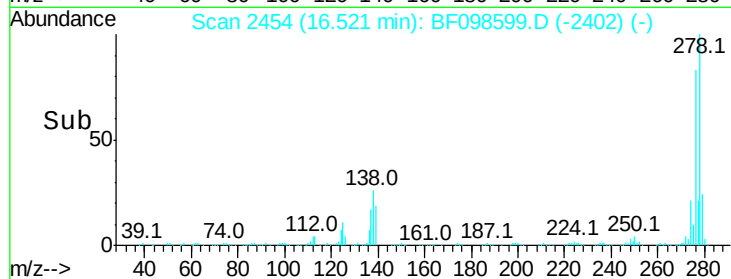
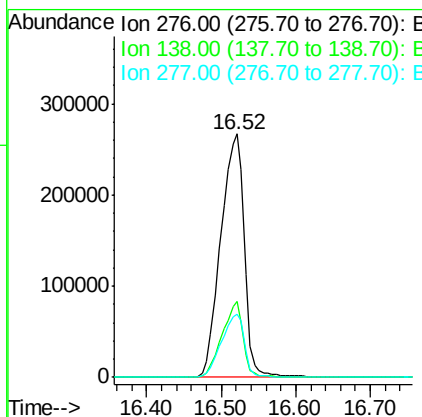
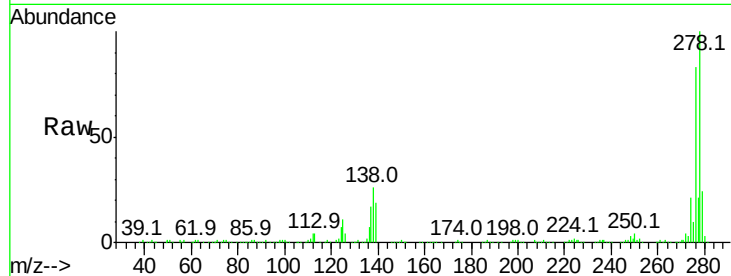
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.603 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion:	276	Resp:	589715
Ion Ratio	Lower	Upper	
276	100		
138	27.9	27.8	41.6
277	25.3	20.2	30.4

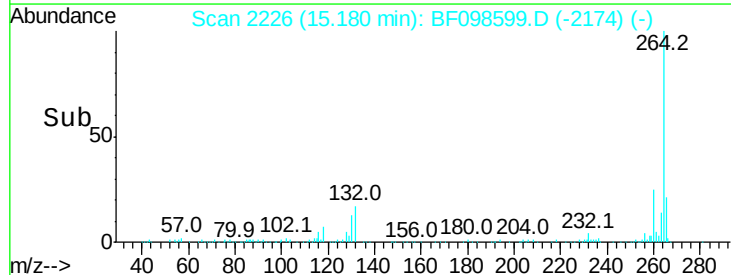
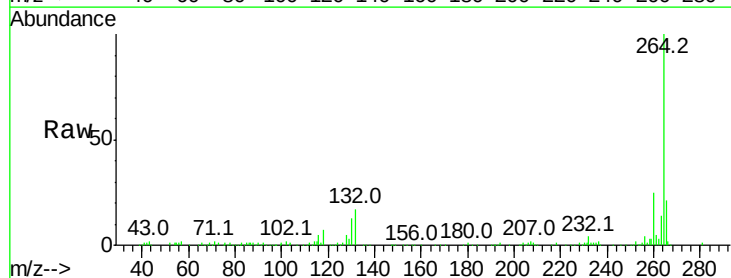
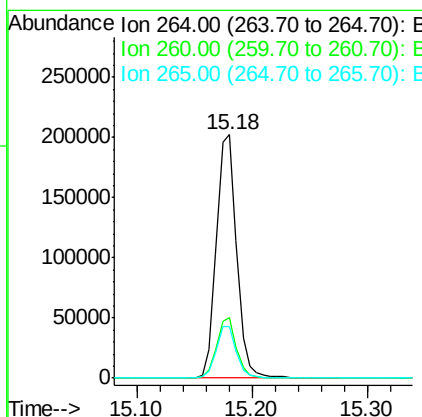
Manual Integrations
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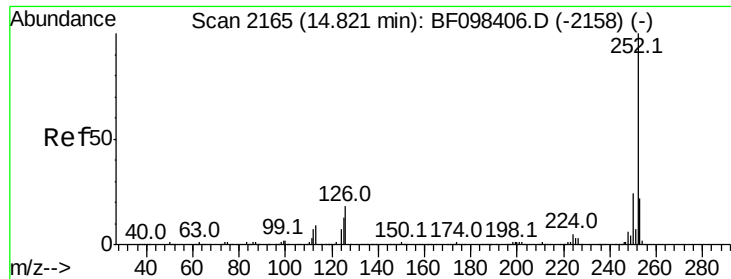
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:	264	Resp:	246755
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.355 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

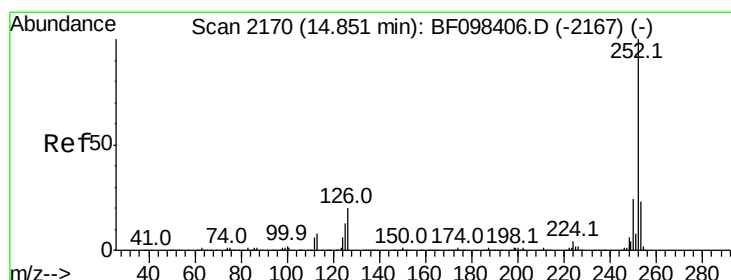
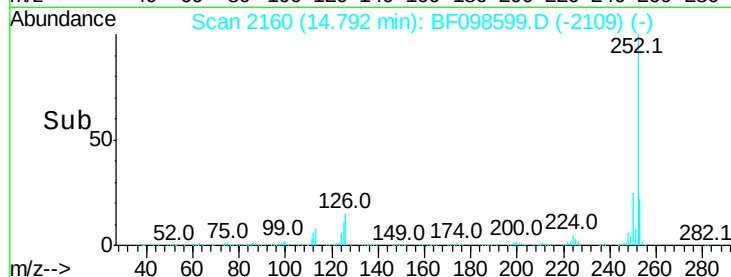
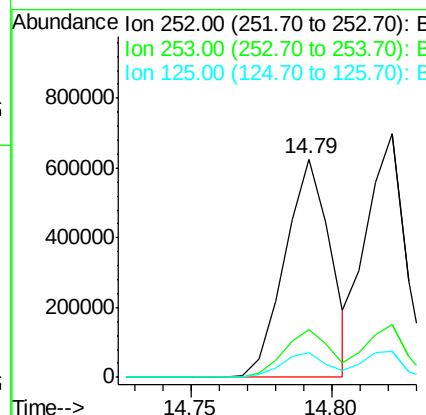
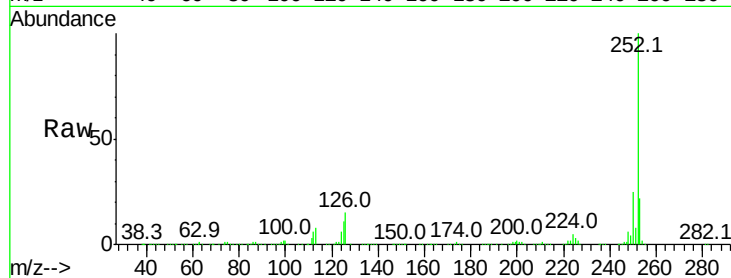
ClientSampleId :

PB102369BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 46.481 ng

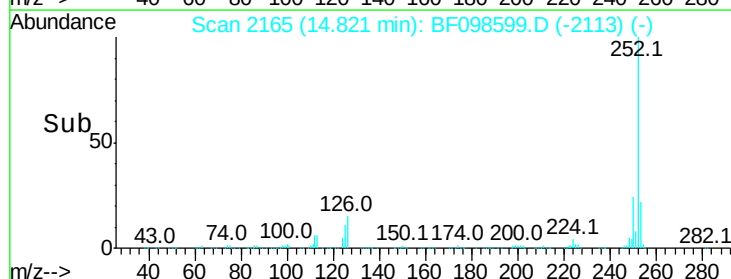
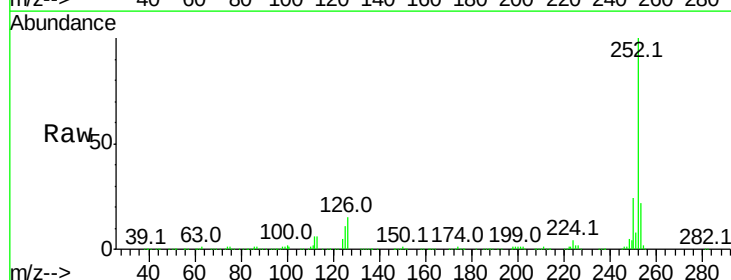
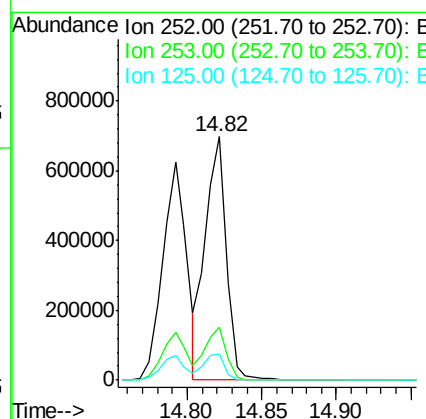
RT: 14.82 min Scan# 2165

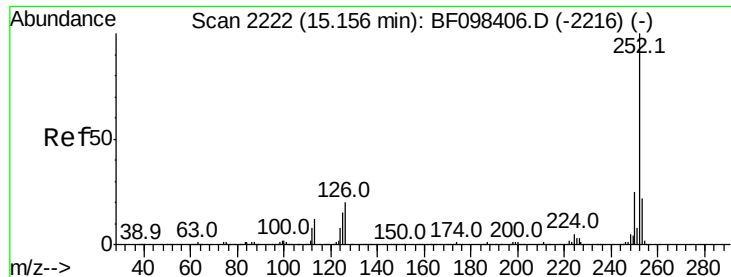
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	10.5	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 46.519 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

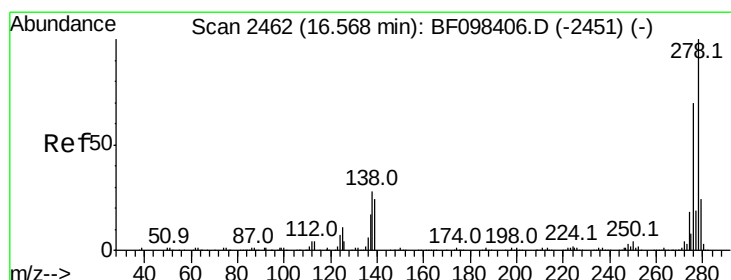
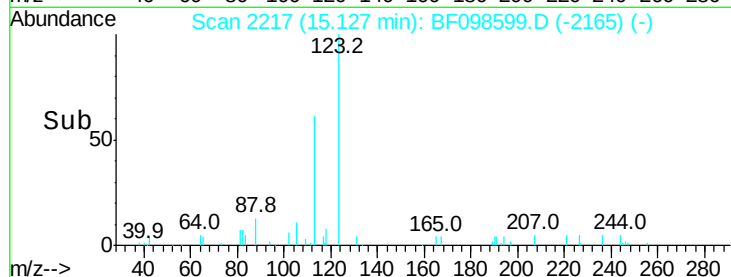
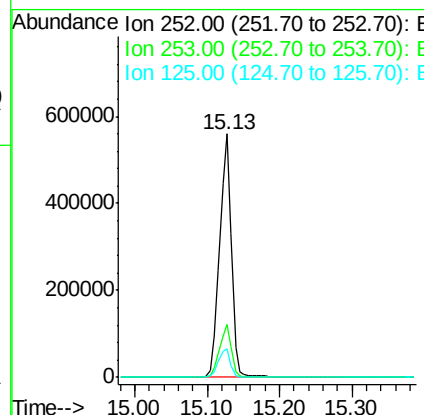
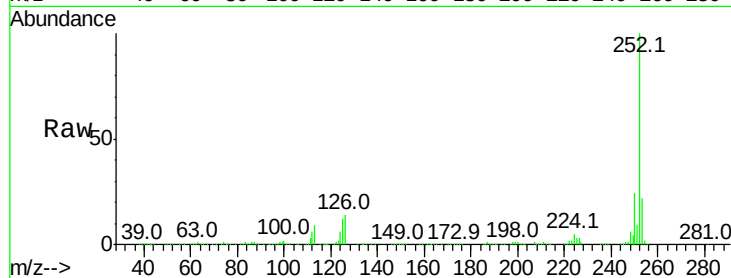
ClientSampleId :

PB102369BS

Tot Ion:	252	Resp:	643009
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	11.7	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 49.730 ng

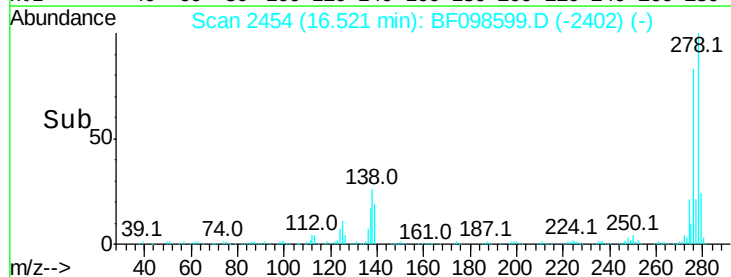
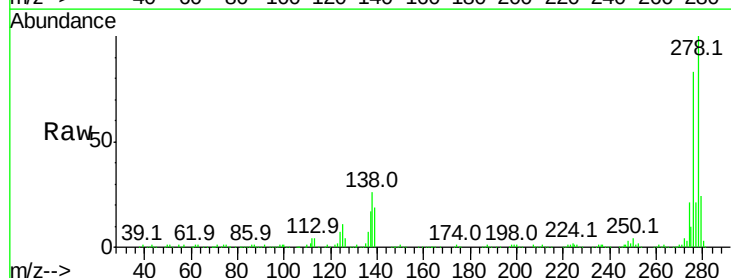
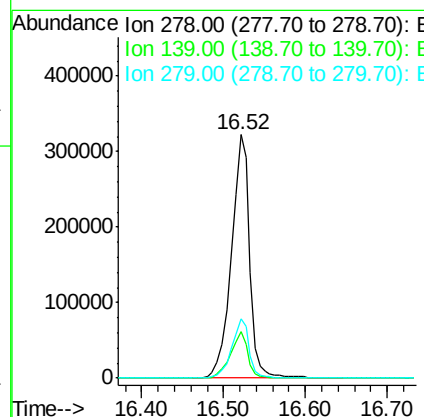
RT: 16.52 min Scan# 2454

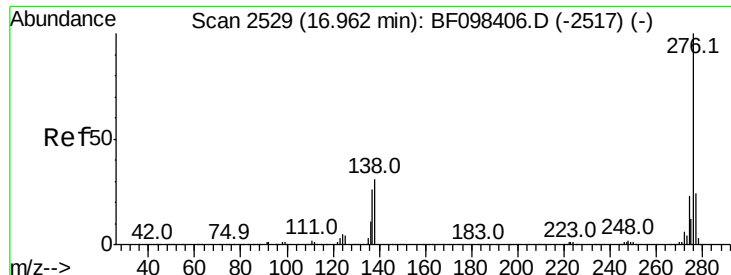
Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:	278	Resp:	500036
Ion Ratio	Lower	Upper	
278	100		
139	19.0	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.903 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	23.3	25.4	38.0

Manual Integrations
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