

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098381.D
 Acq On : 9 Sep 2017 13:06
 Operator : SJ/JU
 Sample : PB102149BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:42:40 PM

Quant Time: Sep 11 04:59:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	100242	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	411824	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	191261	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	376277	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	266141	20.00	ng	-0.04
86) Perylene-d12	15.23	264	198728	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	785999	119.27	ng	0.00
7) Phenol-d6	6.34	99	1036135	115.71	ng	-0.01
23) Nitrobenzene-d5	7.25	82	683117	90.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	235841	142.12	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1089709	83.71	ng	-0.03
78) Terphenyl-d14	12.77	244	977353	76.58	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	126470	34.411	ng	85
3) Pyridine	3.08	79	355759	35.014	ng	# 83
4) n-Nitrosodimethylamine	3.05	42	121206	31.003	ng	# 62
6) Aniline	6.35	93	327083	26.003	ng	# 23
8) 2-Chlorophenol	6.47	128	285267	41.045	ng	99
9) Benzaldehyde	6.22	77	63559	11.206	ng	90
10) Phenol	6.35	94	392432	37.473	ng	94
11) bis(2-Chloroethyl)ether	6.42	93	313382	39.648	ng	93
12) 1,3-Dichlorobenzene	6.62	146	290532	38.863	ng	96
13) 1,4-Dichlorobenzene	6.69	146	294888	38.784	ng	# 93
14) 1,2-Dichlorobenzene	6.85	146	271817	38.772	ng	99
15) Benzyl Alcohol	6.83	79	245792	36.664	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	363787	34.207	ng	63
17) 2-Methylphenol	6.95	107	255474	41.712	ng	# 91
18) Hexachloroethane	7.19	117	116469	39.071	ng	# 84
19) n-Nitroso-di-n-propylamine	7.10	70	226348	36.927	ng	# 88
20) 3+4-Methylphenols	7.11	107	336722	45.012	ng	# 64
22) Acetophenone	7.09	105	425877	39.145	ng	# 82
24) Nitrobenzene	7.27	77	350009	41.467	ng	99
25) Isophorone	7.50	82	640000	40.601	ng	97
26) 2-Nitrophenol	7.58	139	154519	50.252	ng	# 85
27) 2,4-Dimethylphenol	7.63	122	271526	41.302	ng	93
28) bis(2-Chloroethoxy)methane	7.72	93	413548	39.905	ng	98
29) 2,4-Dichlorophenol	7.83	162	239790	43.940	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	240964	39.831	ng	99
31) Naphthalene	7.98	128	850074	39.761	ng	100
32) Benzoic acid	7.78	122	139660	31.671	ng	93
33) 4-Chloroaniline	8.03	127	253450	28.109	ng	98
34) Hexachlorobutadiene	8.10	225	137779	39.007	ng	99
35) Caprolactam	8.42	113	90371m	48.712	ng	
36) 4-Chloro-3-methylphenol	8.53	107	293257	41.826	ng	# 79
37) 2-Methylnaphthalene	8.67	142	566524	43.220	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	230847	39.328	ng	98
40) Hexachlorocyclopentadiene	8.82	237	198758	70.485	ng	100

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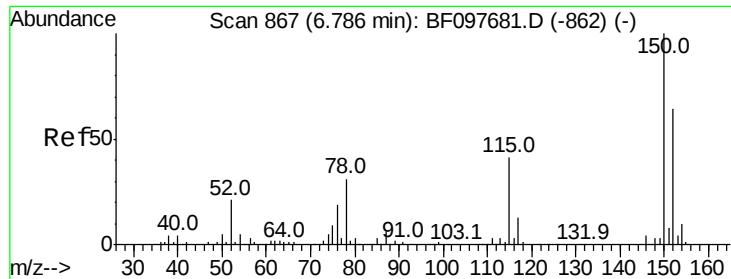
Manual Integrations
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Sohil
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Quant Time: Sep 11 04:59:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	157131	39.873	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	165437	42.316	nq	96
45) 1,1'-Biphenyl	9.14	154	669559	38.389	nq	97
46) 2-Chloronaphthalene	9.16	162	494812	38.397	nq	94
47) 2-Nitroaniline	9.26	65	182967	42.351	nq	96
48) Acenaphthylene	9.57	152	799308	39.497	nq	99
49) Dimethylphthalate	9.44	163	613107	43.854	nq	99
50) 2,6-Dinitrotoluene	9.51	165	130869	46.895	nq #	85
51) Acenaphthene	9.74	154	481724	37.743	nq	100
52) 3-Nitroaniline	9.67	138	115325	32.030	nq	91
53) 2,4-Dinitrophenol	9.79	184	110054	82.536	nq #	76
54) Dibenzofuran	9.92	168	710268	41.523	nq	99
55) 4-Nitrophenol	9.86	139	173940	60.561	nq #	51
56) 2,4-Dinitrotoluene	9.92	165	159770	45.620	nq #	57
57) Fluorene	10.26	166	547708	41.414	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.04	232	137390	45.390	nq	90
59) Diethylphthalate	10.14	149	620143	42.417	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	260402	42.383	nq #	87
61) 4-Nitroaniline	10.29	138	154162	45.050	nq	78
62) Azobenzene	10.41	77	702920	40.476	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	82261	46.672	nq #	73
65) n-Nitrosodiphenylamine	10.37	169	511493	39.919	nq	98
66) 4-Bromophenyl-phenylether	10.74	248	163351	41.806	nq	94
67) Hexachlorobenzene	10.80	284	161540	40.561	nq #	87
68) Atrazine	10.90	200	155872	45.870	nq	96
69) Pentachlorophenol	11.01	266	139179	59.936	nq	99
70) Phenanthrene	11.22	178	806262	40.211	nq	100
71) Anthracene	11.27	178	833747	40.997	nq	99
72) Carbazole	11.43	167	777016	40.252	nq	98
73) Di-n-butylphthalate	11.76	149	982509	44.187	nq	100
74) Fluoranthene	12.40	202	853105	40.763	nq	99
76) Benzidine	12.53	184	391256	44.837	nq #	92
77) Pyrene	12.63	202	858695	39.449	nq	98
79) Butylbenzylphthalate	13.25	149	407061	48.775	nq #	77
80) Benzo(a)anthracene	13.82	228	603789	37.853	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	154621	28.727	nq #	96
82) Chrysene	13.85	228	613960	38.693	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	518086	56.022	nq #	99
84) Di-n-octyl phthalate	14.42	149	885659	55.041	nq	97
85) Indeno(1,2,3-cd)pyrene	16.58	276	511788	43.845	nq	95
87) Benzo(b)fluoranthene	14.83	252	518716	41.410	nq	98
88) Benzo(k)fluoranthene	14.86	252	485074	41.217	nq #	93
89) Benzo(a)pyrene	15.17	252	477694	43.077	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	420625	46.591	nq	98
91) Benzo(g,h,i)perylene	16.98	276	441140	46.830	nq	95

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



#1

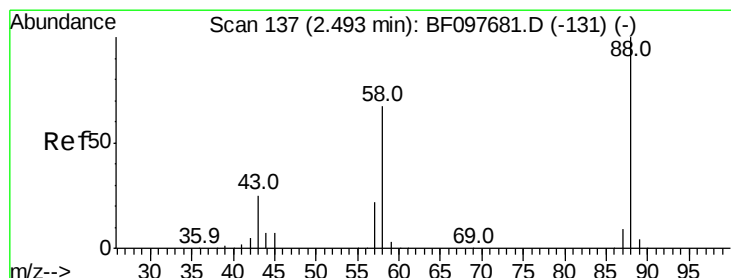
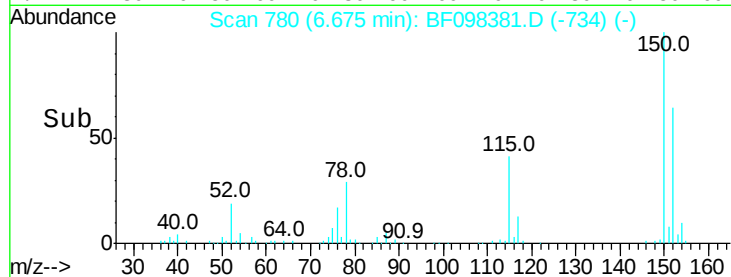
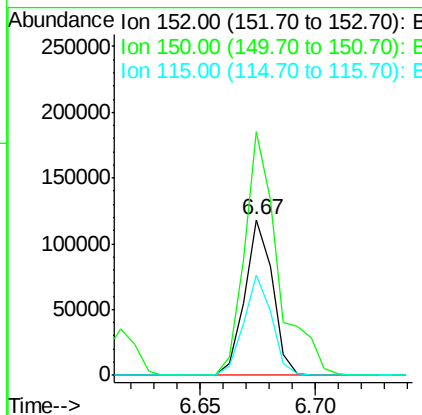
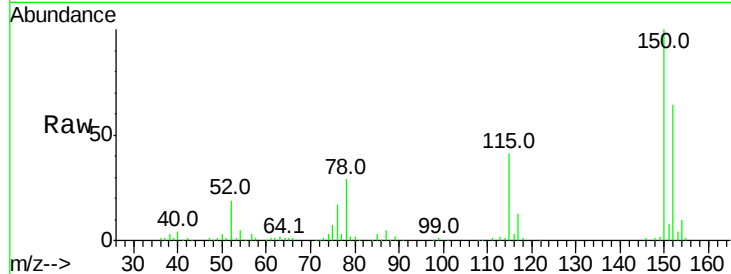
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	64.1	52.2	78.2

Manual Integrations
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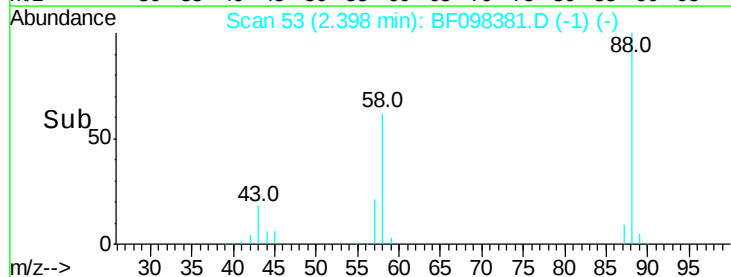
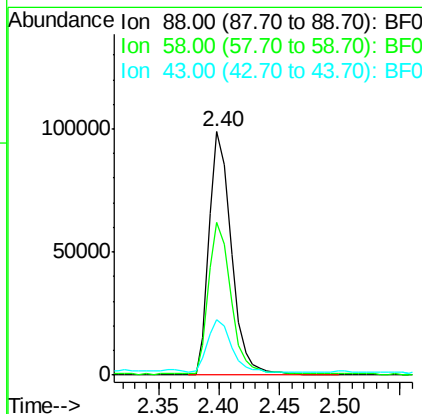
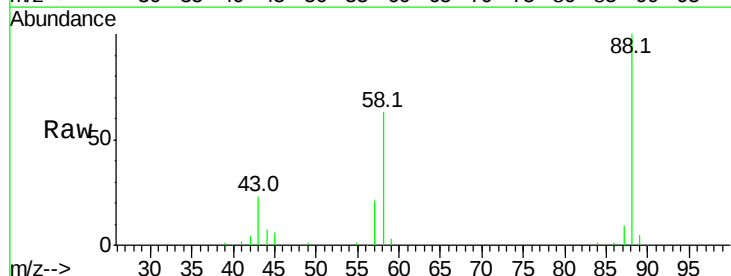
Sohil
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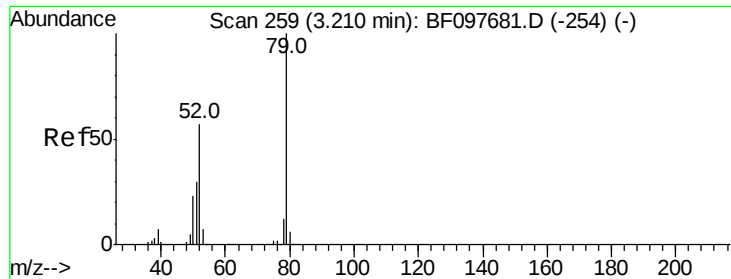


#2

1,4-Dioxane
Concen: 34.411 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.08 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	61.4	92.0
43	23.5	23.4	35.0





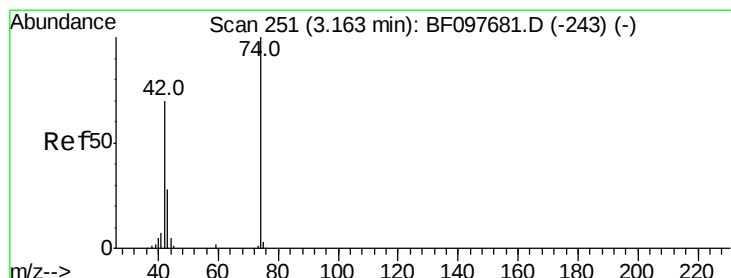
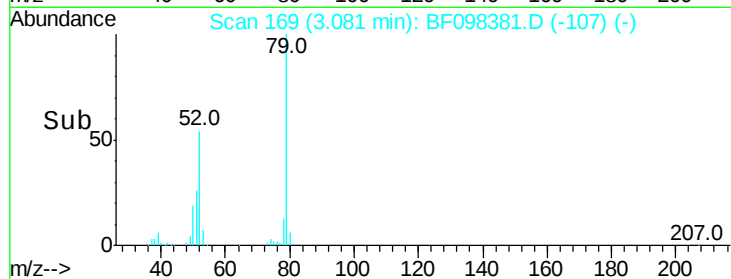
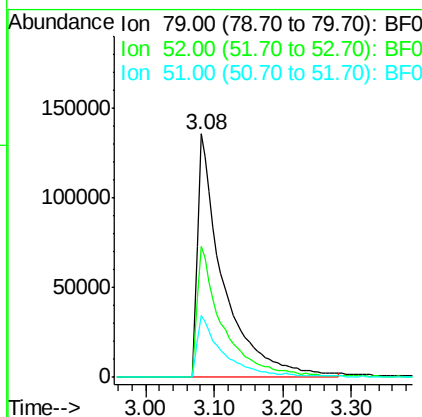
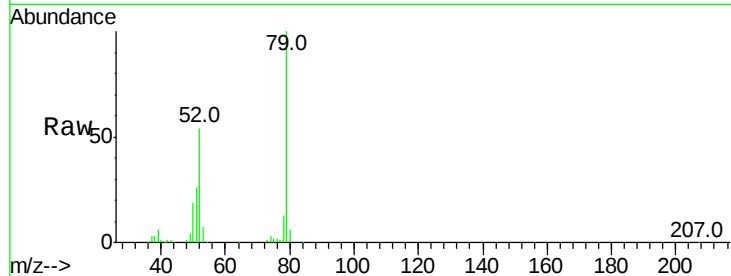
#3
 Pvridine
 Concen: 35.014 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.06 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.7	54.8	82.2#
51	25.6	27.0	40.4#

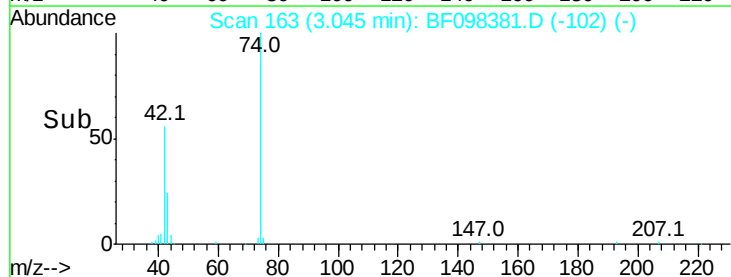
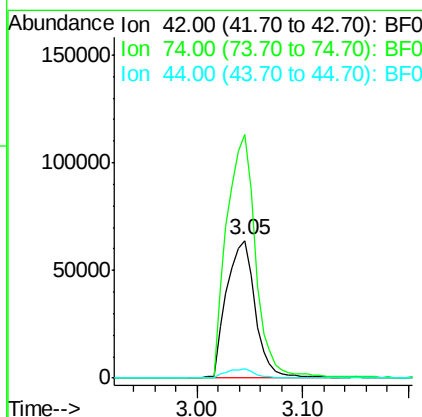
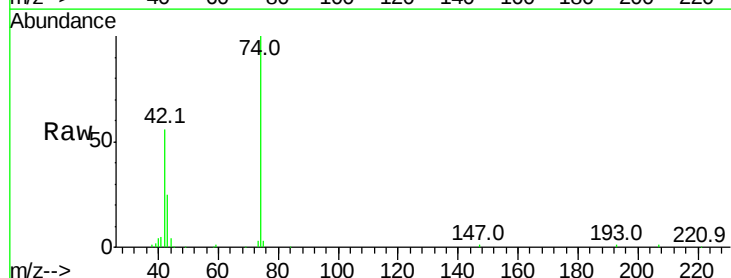
Manual Integrations
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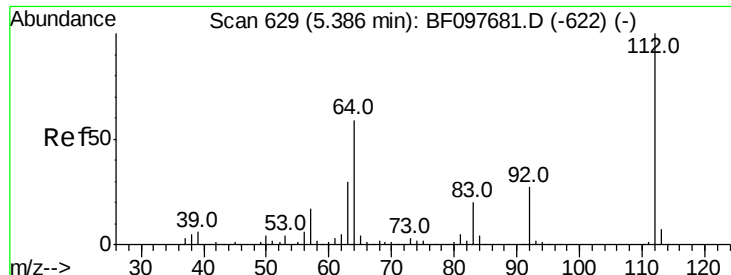
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#4
 n-Nitrosodimethylamine
 Concen: 31.003 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.06 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	177.0	103.9	155.9#
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 119.268 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

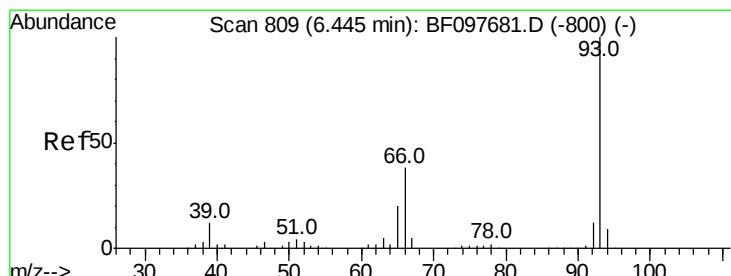
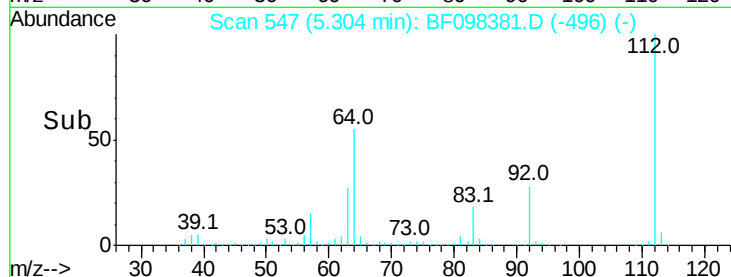
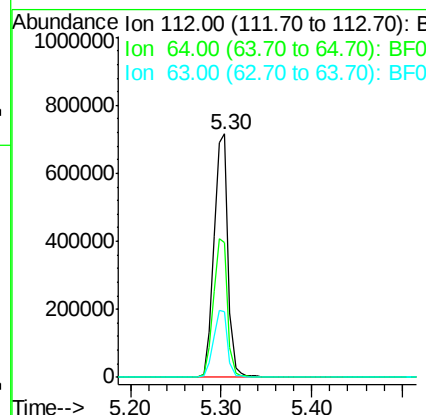
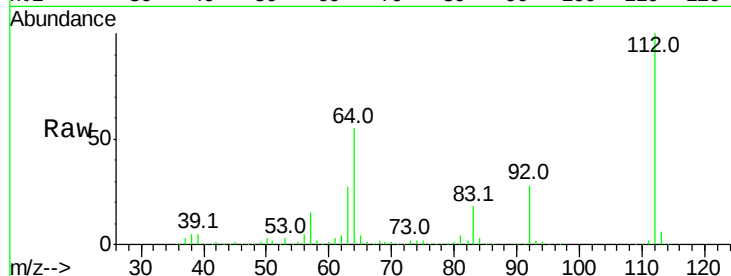
ClientSampleId :

PB102149BS

Tot Ion:	112	Resp:	785999
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.0	69.0
63	26.8	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 26.003 ng

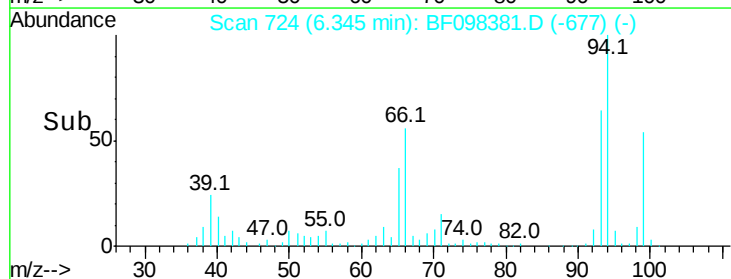
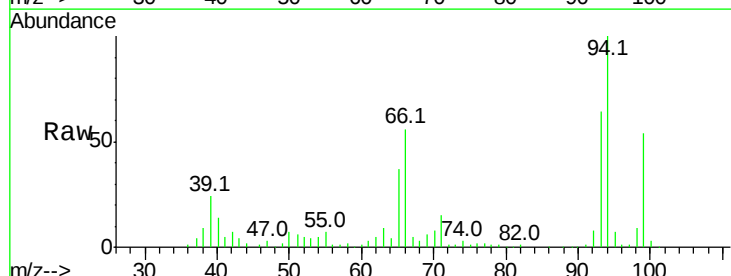
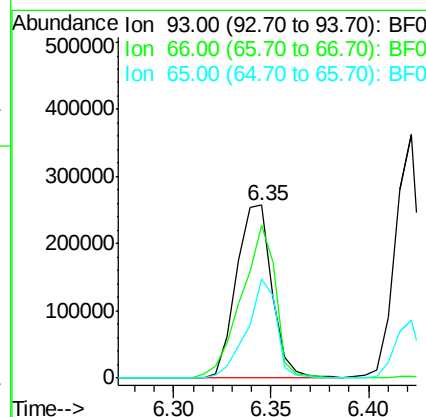
RT: 6.35 min Scan# 724

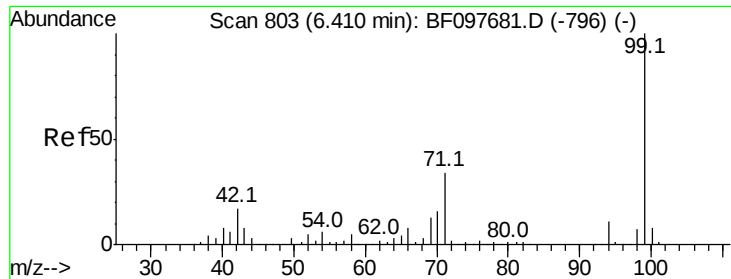
Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	93	Resp:	327083
Ion Ratio	Lower	Upper	
93	100		
66	88.0	32.9	49.3#
65	57.1	16.0	24.0#





#7

Phenol-d6

Concen: 115.715 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampled :

PB102149BS

Tot Ion: 99 Resp: 1036135

Ion Ratio Lower Upper

99 100

42 13.4 13.5 20.3#

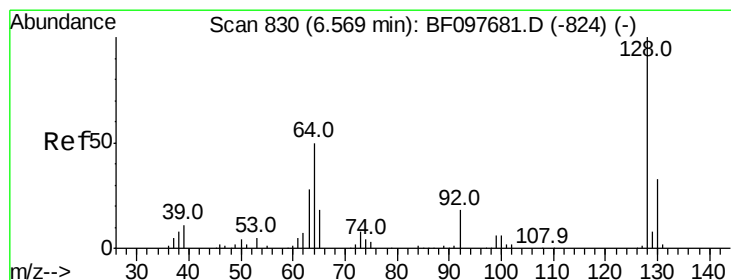
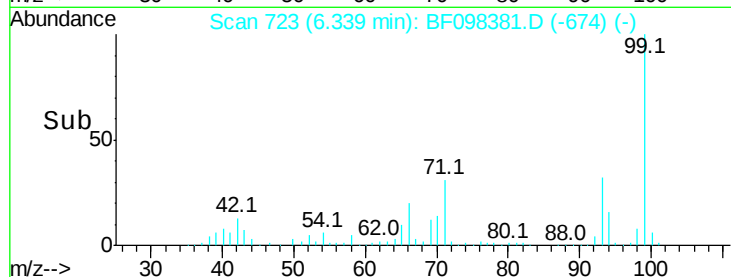
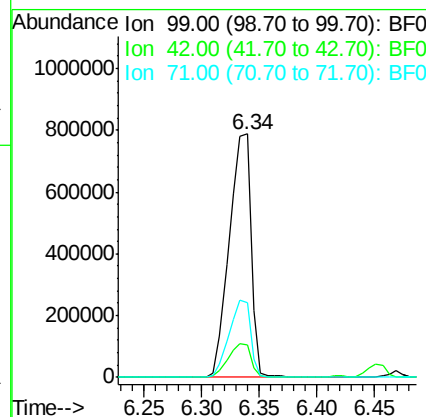
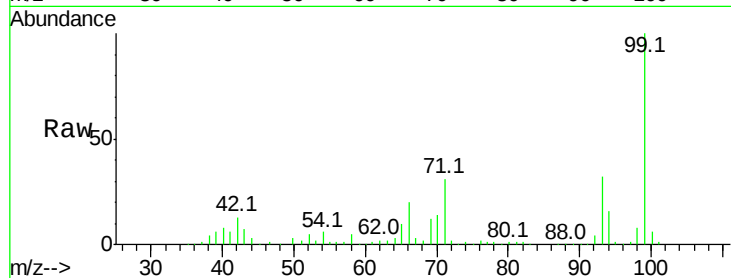
71 30.5 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.045 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

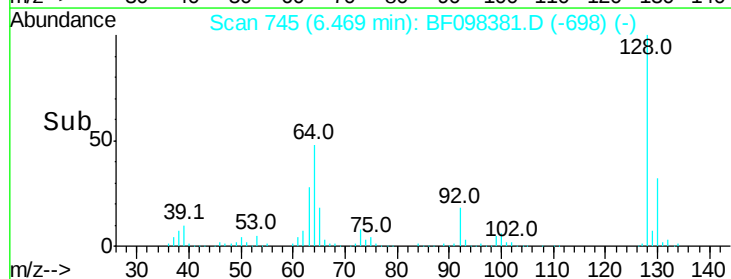
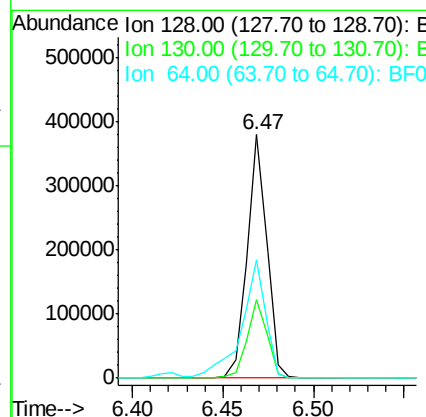
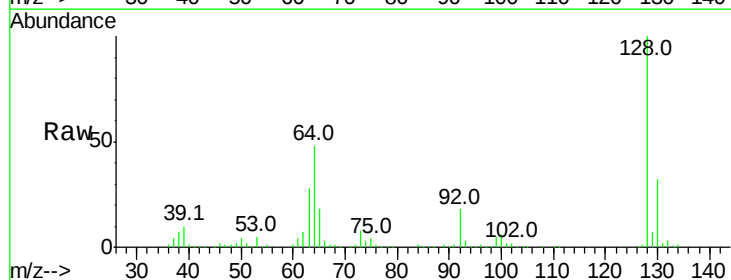
Tgt Ion:128 Resp: 285267

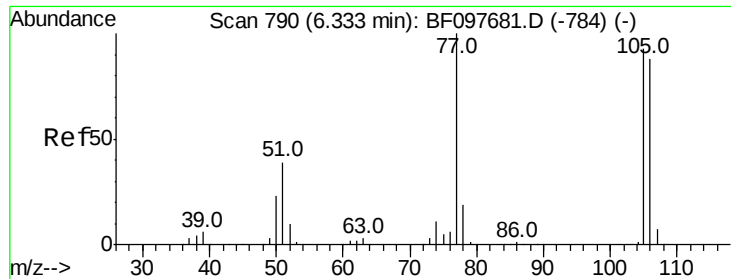
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 48.3 28.4 68.4





#9

Benzaldehyde

Concen: 11.206 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

PB102149BS

Tot Ion: 77 Resp: 63559

Ion Ratio Lower Upper

77 100

105 92.9 83.8 123.8

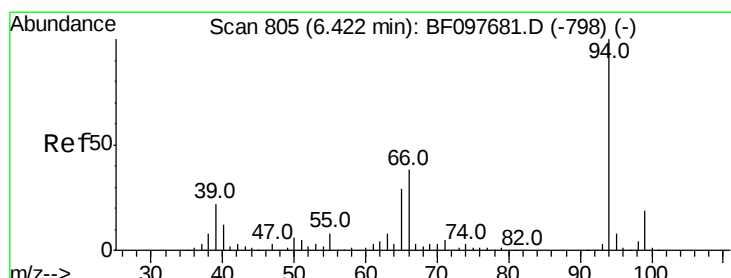
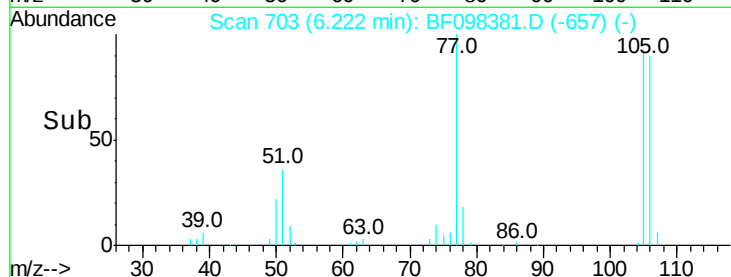
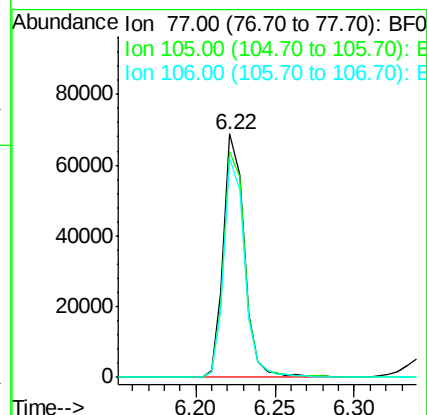
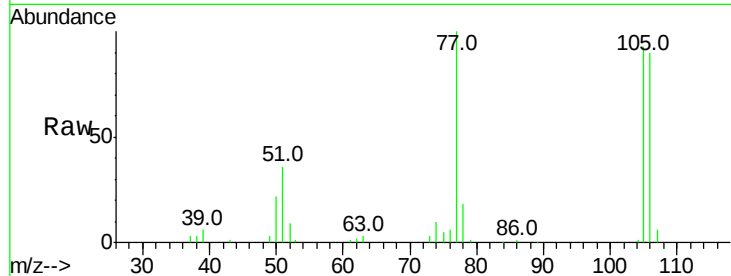
106 90.2 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 37.473 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

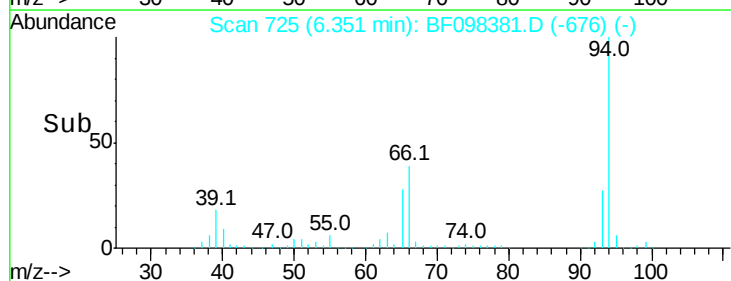
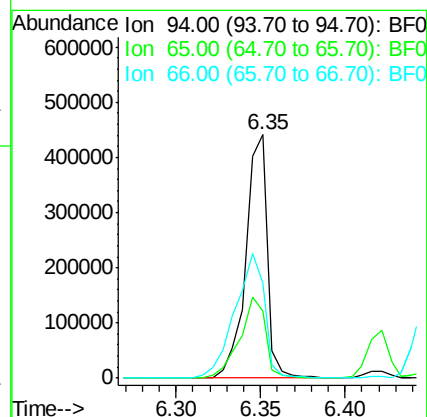
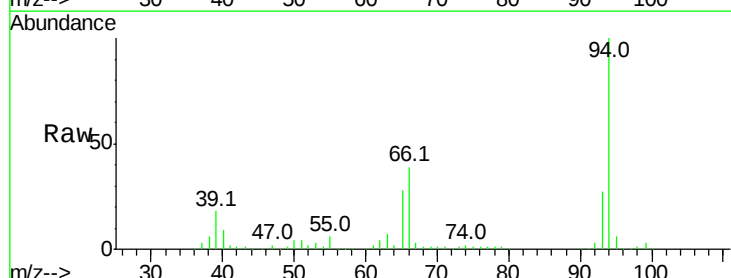
Tgt Ion: 94 Resp: 392432

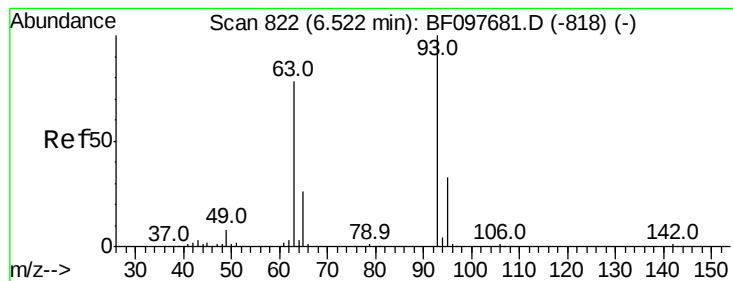
Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

66 38.8 23.1 63.1





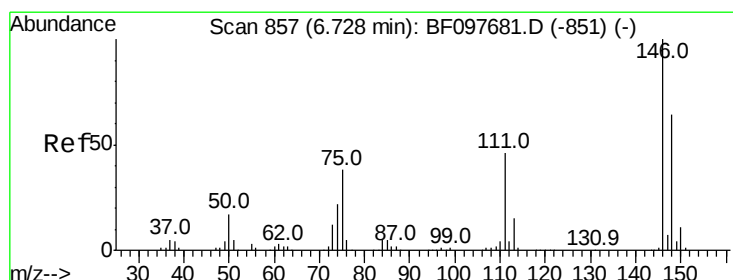
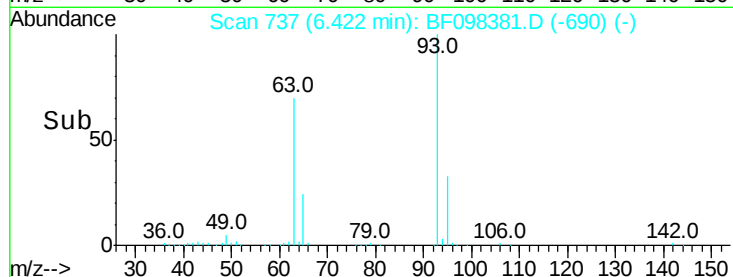
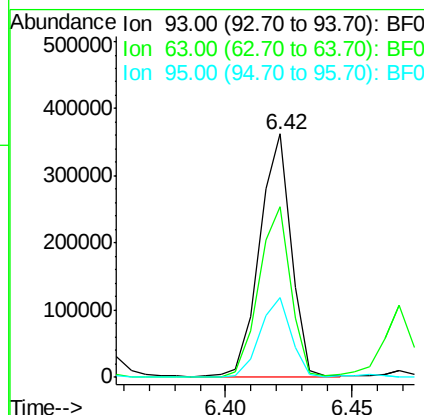
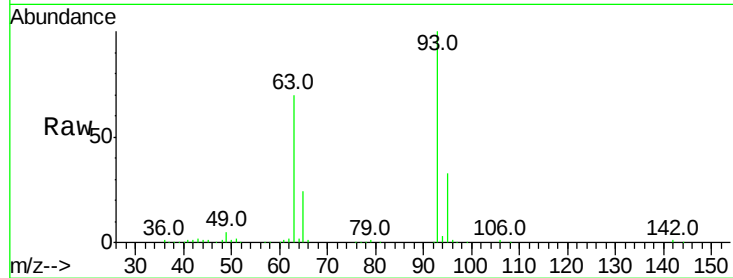
#11
bis(2-Chloroethyl)ether
Concen: 39.648 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	59.2	99.2
95	32.8	12.8	52.8

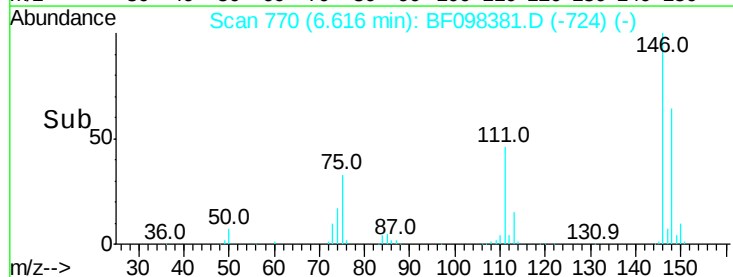
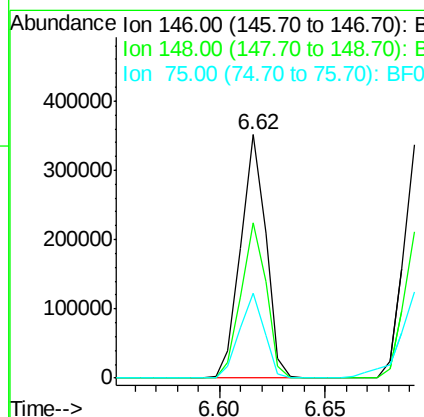
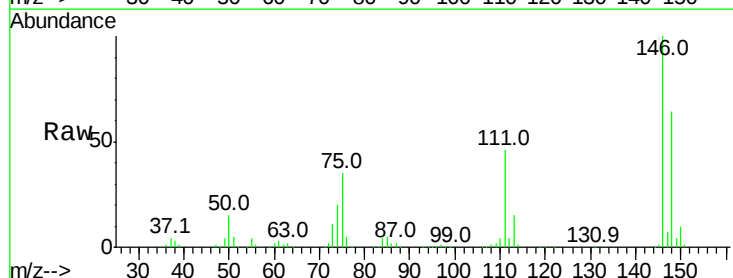
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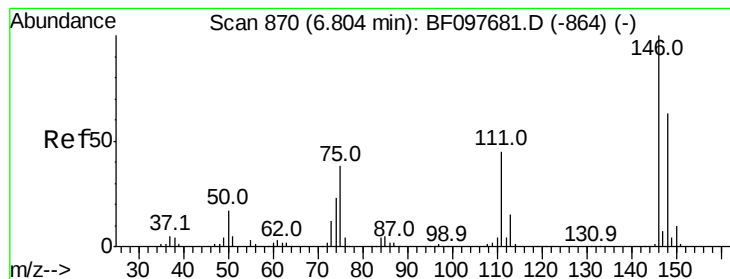
Sohil
9/11/2017 2:42:40 PM



#12
1,3-Dichlorobenzene
Concen: 38.863 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	34.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 38.784 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

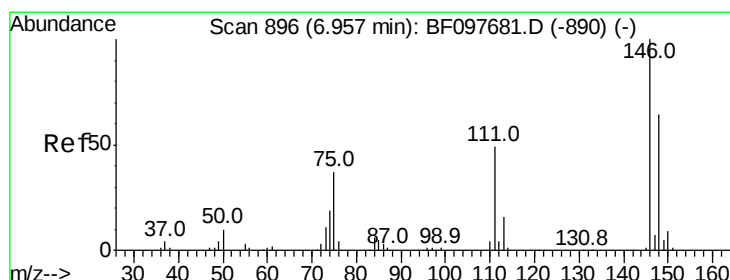
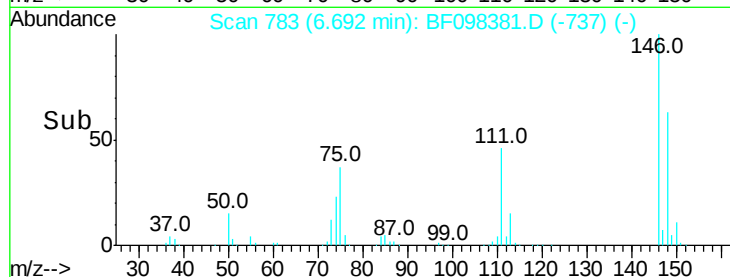
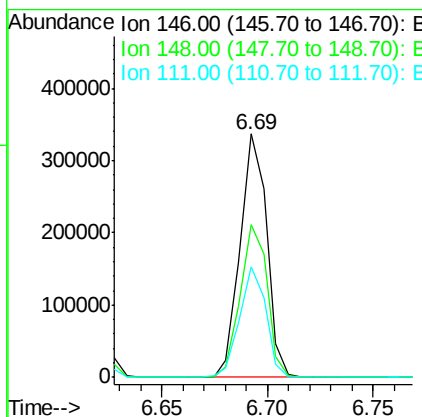
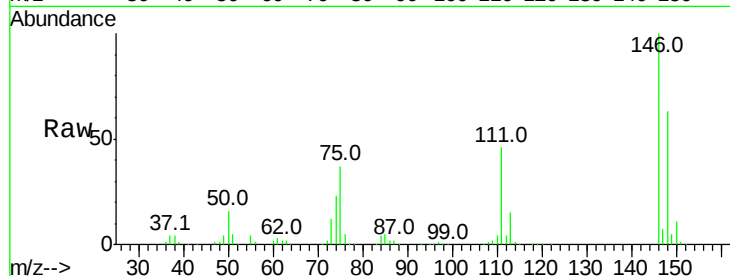
ClientSampleId :

PB102149BS

Tot Ion:	146	Resp:	294888
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.2
111	45.5	30.3	45.5#

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#14

1,2-Dichlorobenzene

Concen: 38.772 ng

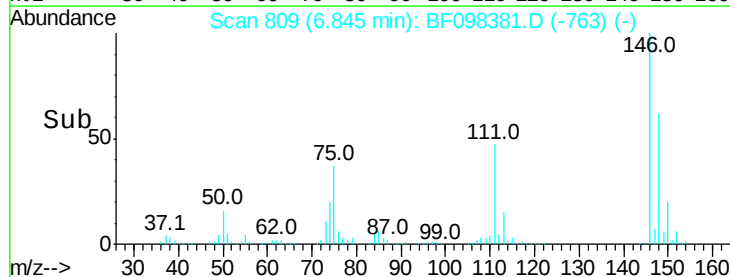
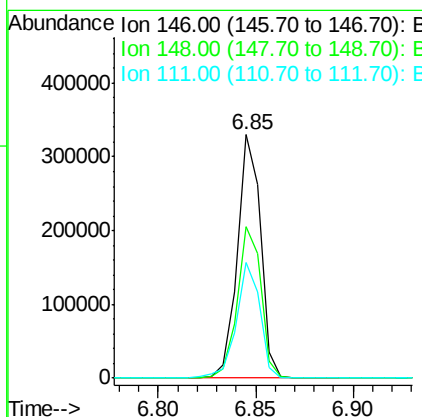
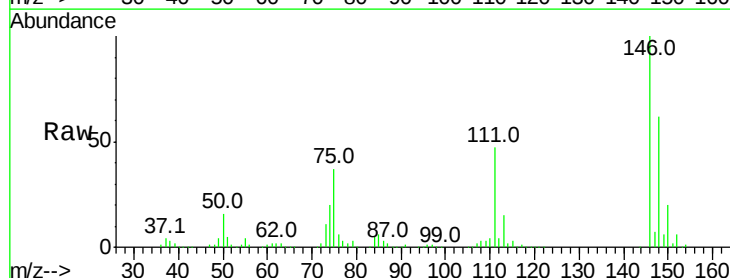
RT: 6.85 min Scan# 809

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	146	Resp:	271817
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.4	75.6
111	47.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.664 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleID :

PB102149BS

Tot Ion: 79 Resp: 245792

Ion Ratio Lower Upper

79 100

108 75.0 63.4 95.0

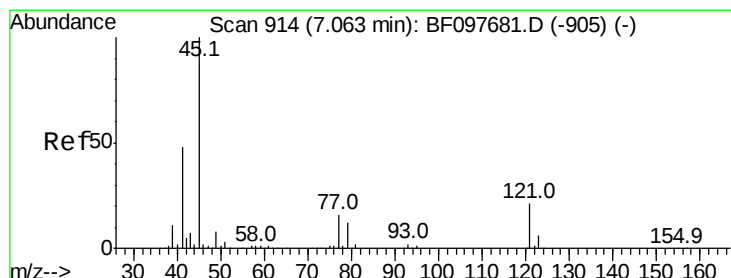
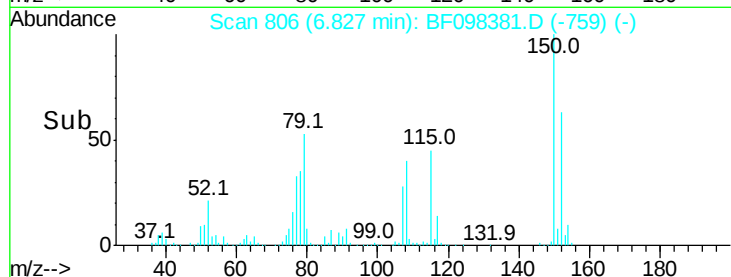
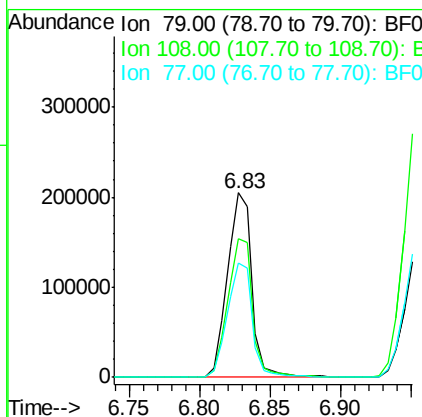
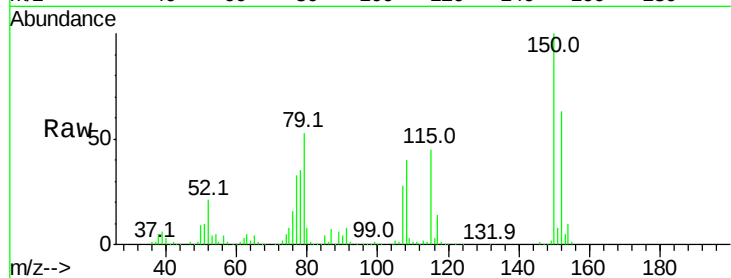
77 61.9 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.207 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

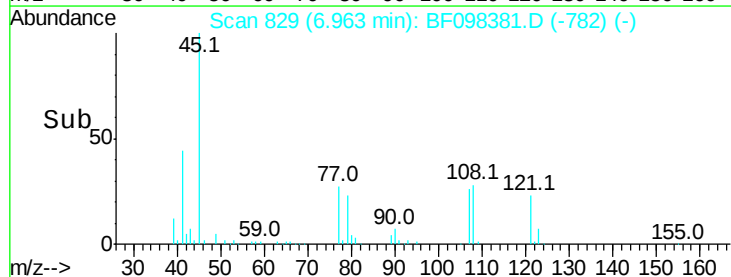
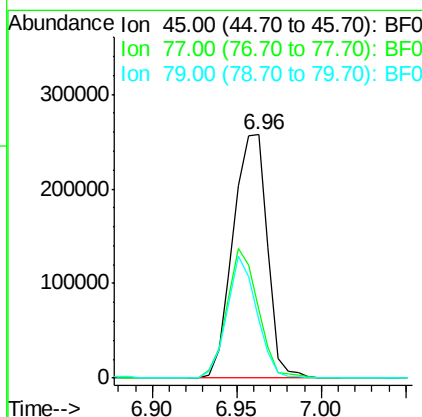
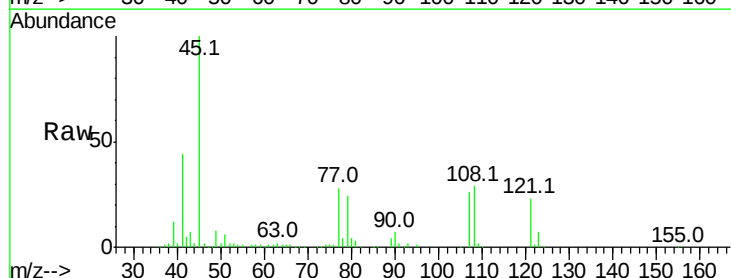
Tgt Ion: 45 Resp: 363787

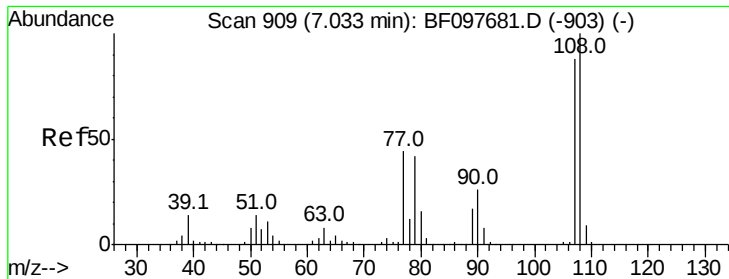
Ion Ratio Lower Upper

45 100

77 27.9 0.0 33.2

79 23.6 0.0 30.0





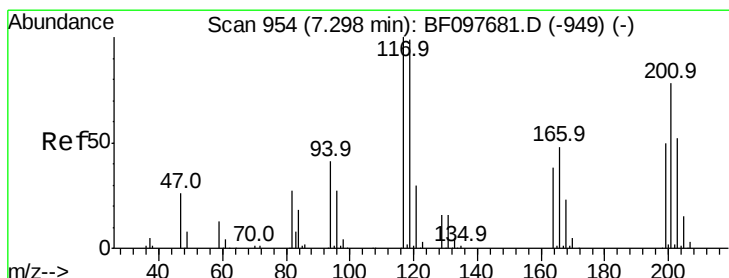
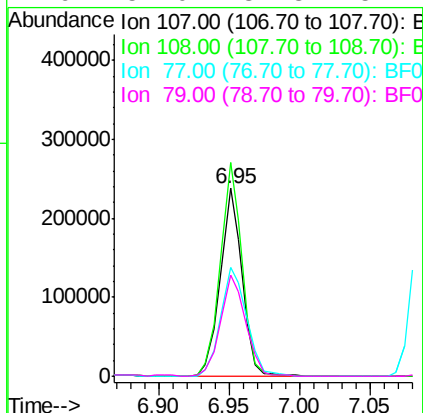
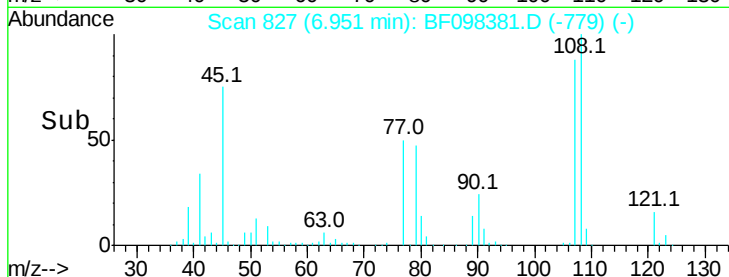
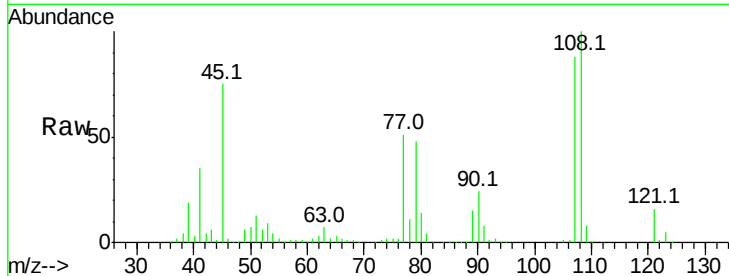
#17
2-Methylphenol
Concen: 41.712 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	255474		
108	113.8	93.4	140.0	
77	57.8	35.8	53.6#	
79	54.0	34.8	52.2#	

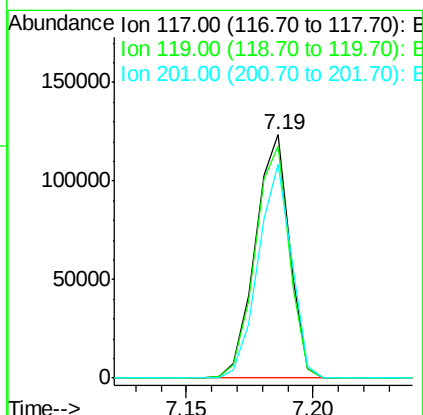
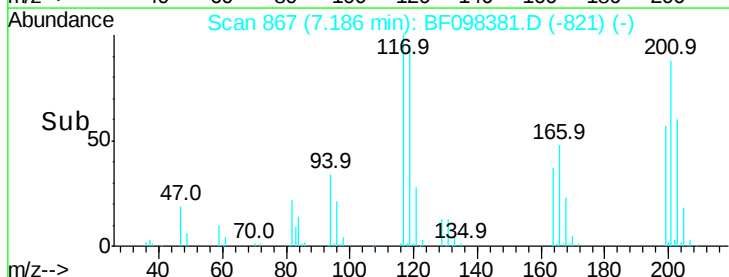
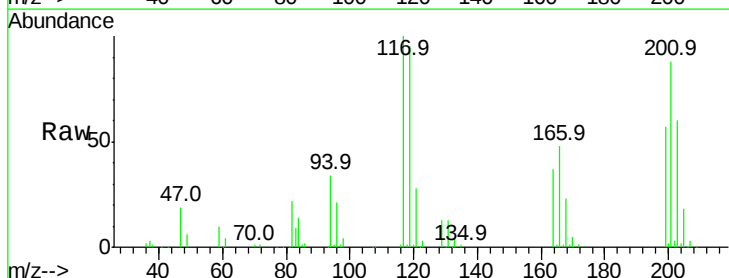
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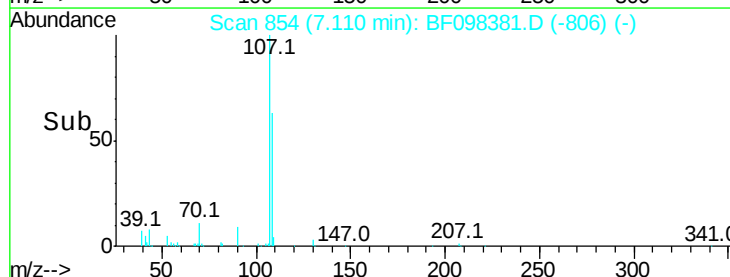
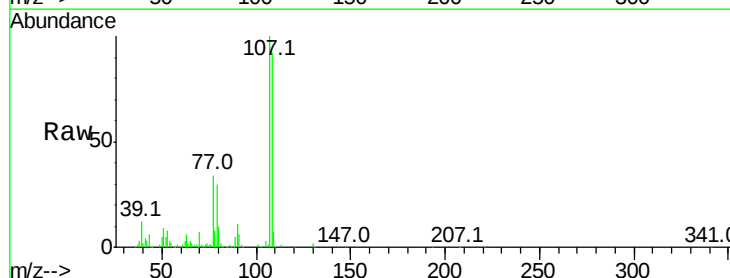
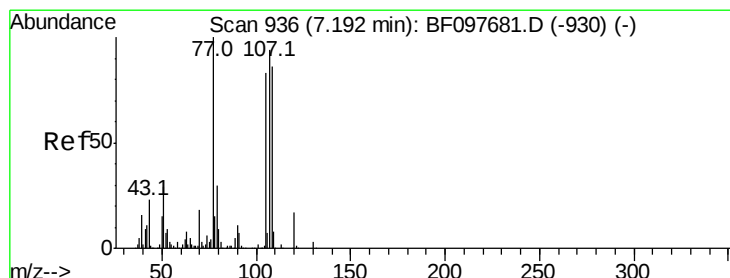
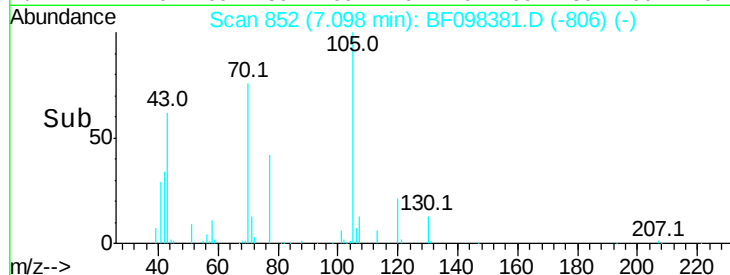
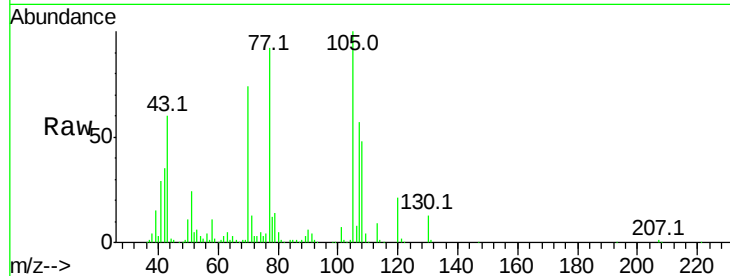
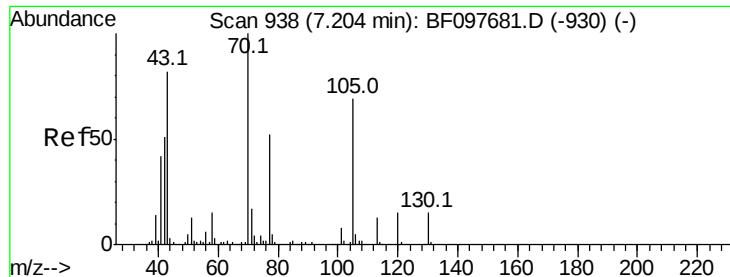
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#18
Hexachloroethane
Concen: 39.071 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	116469		
119	95.4	77.4	116.0	
201	87.8	94.6	141.8#	





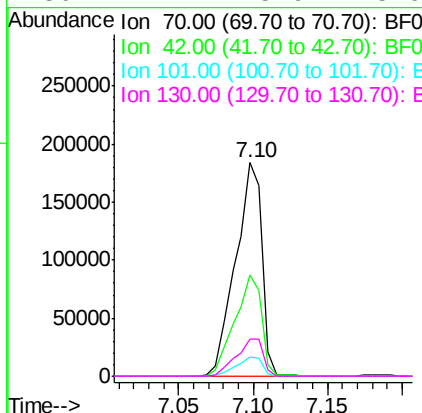
#19
n-Nitroso-di-n-propylamine
Concen: 36.927 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.1	47.2	70.8#		
101	8.8	7.2	10.8		
130	17.1	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
PB102149BS

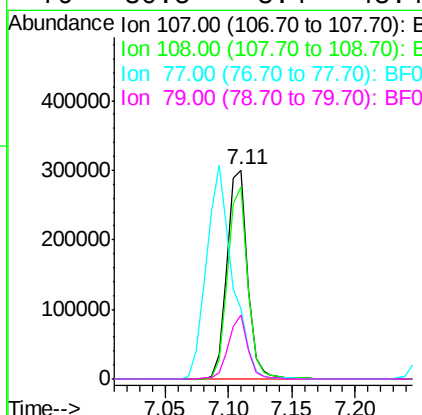
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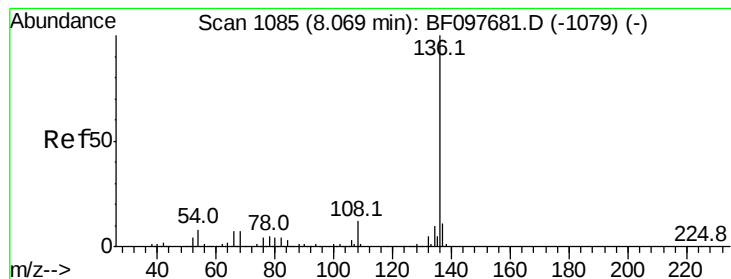
Sohil
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#20
3+4-Methylphenols
Concen: 45.012 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	71.0	111.0		
77	33.5	90.5	130.5#		
79	30.5	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

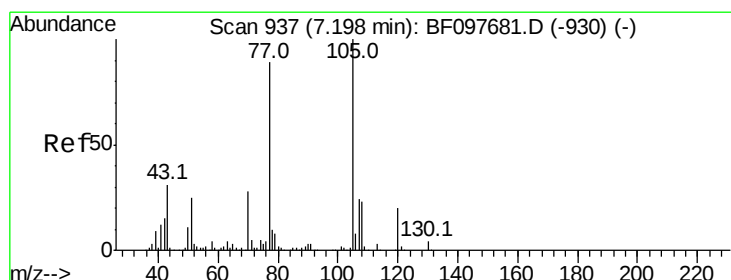
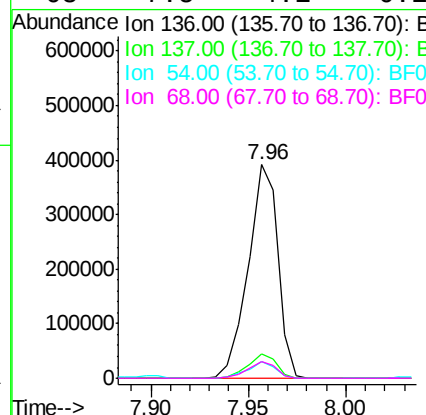
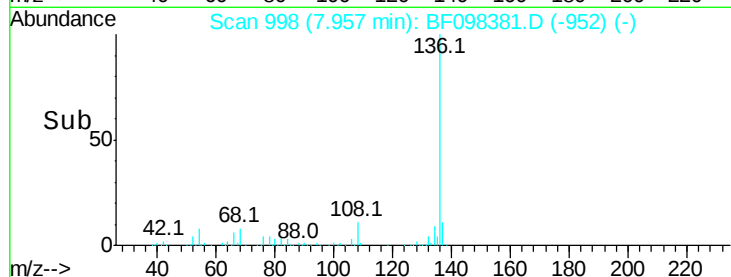
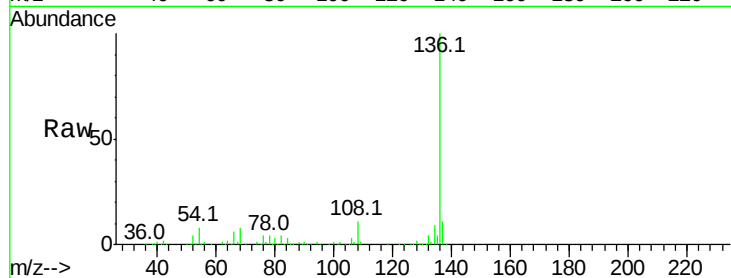
ClientSampleId :

PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	7.5	4.9	7.3#	
68	7.5	4.1	6.1#	

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#22

Acetophenone

Concen: 39.145 ng

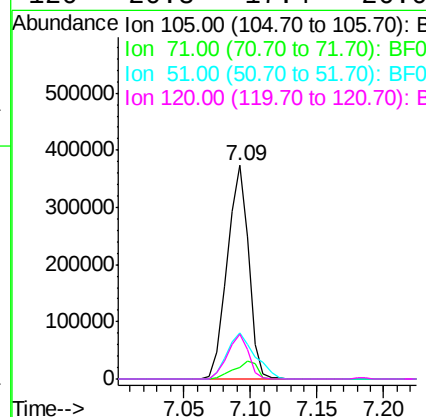
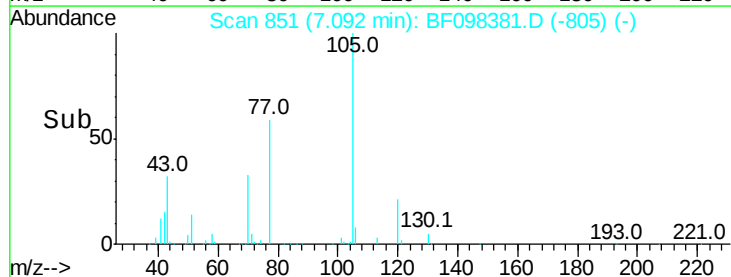
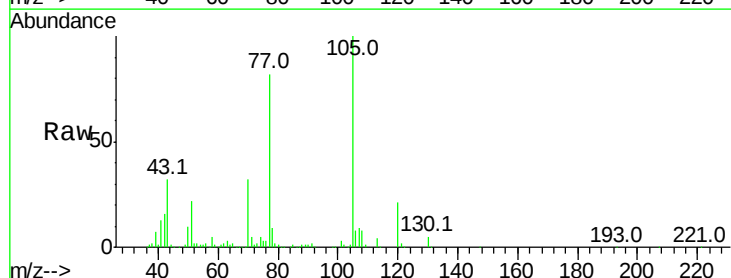
RT: 7.09 min Scan# 851

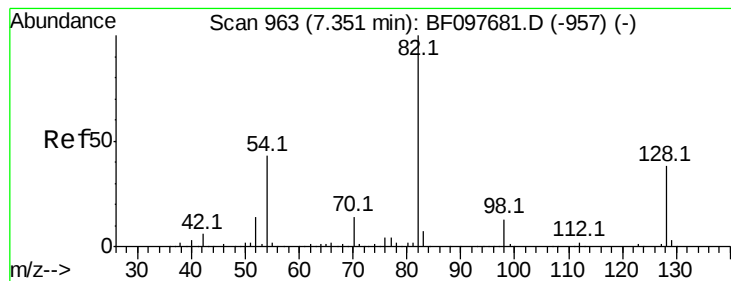
Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	2.8	4.2#	
51	21.8	30.7	46.1#	
120	20.8	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 90.111 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

PB102149BS

Tot Ion: 82 Resp: 683117

Ion Ratio Lower Upper

82 100

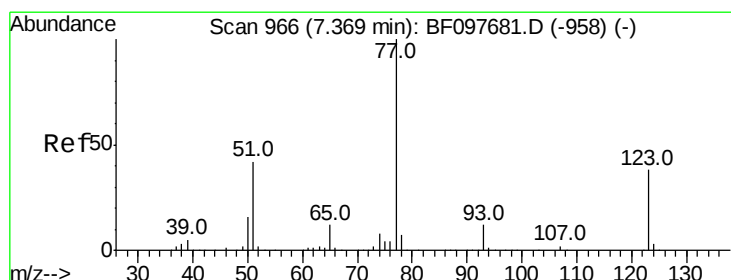
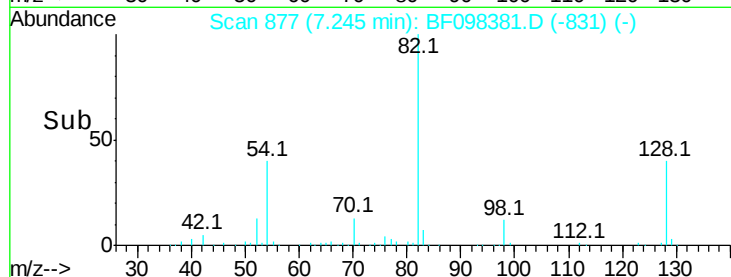
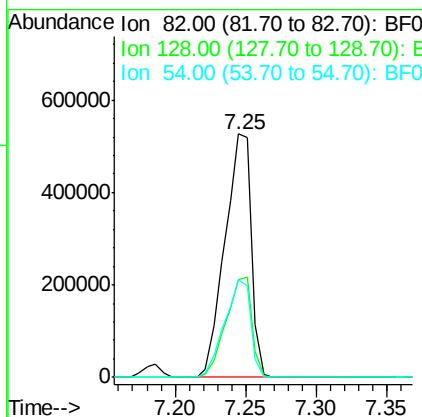
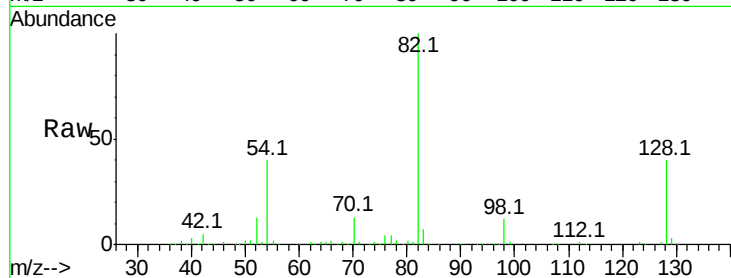
128 39.9 34.0 51.0

54 39.9 42.2 63.2#

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#24

Nitrobenzene

Concen: 41.467 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

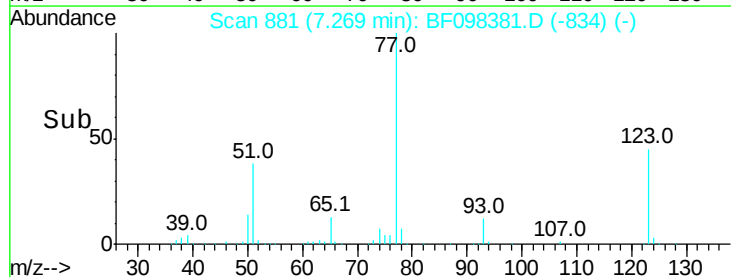
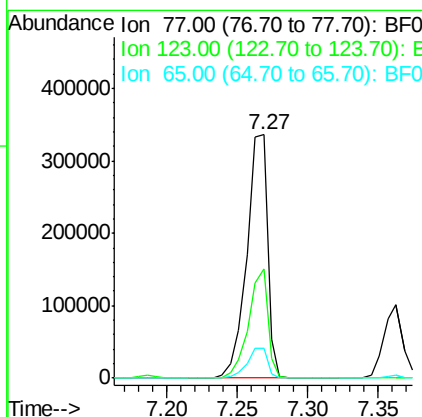
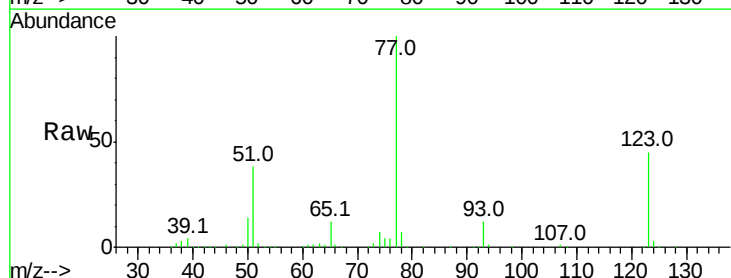
Tgt Ion: 77 Resp: 350009

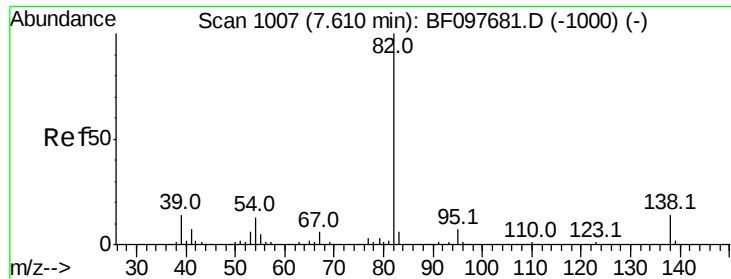
Ion Ratio Lower Upper

77 100

123 45.1 35.8 53.8

65 12.5 10.6 15.8





#25

Isophorone

Concen: 40.601 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

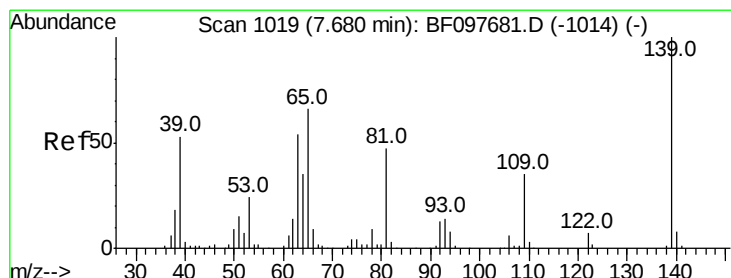
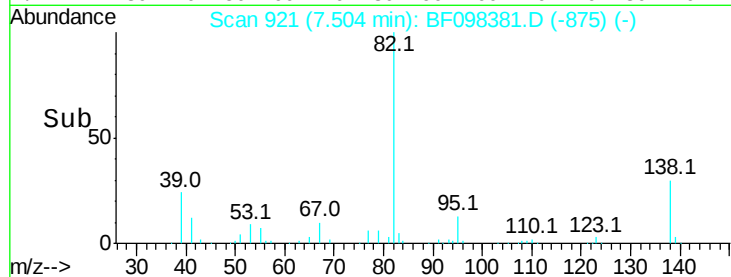
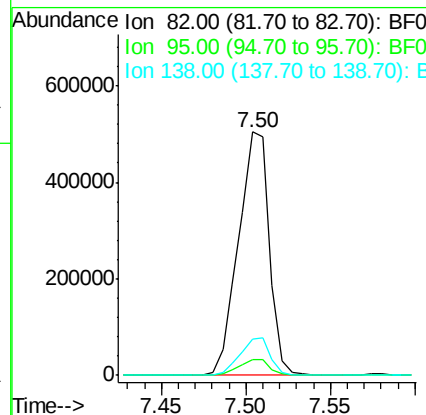
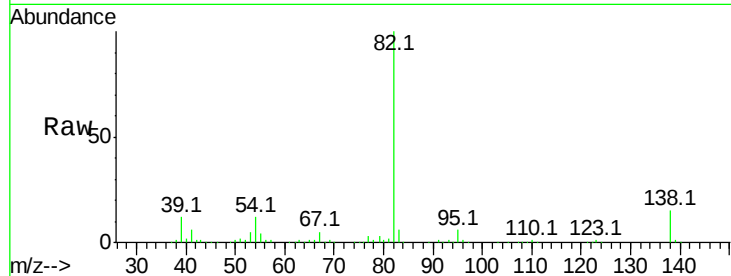
ClientSampleId :

PB102149BS

Tot Ion:	82	Resp:	640000
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	14.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 50.252 ng

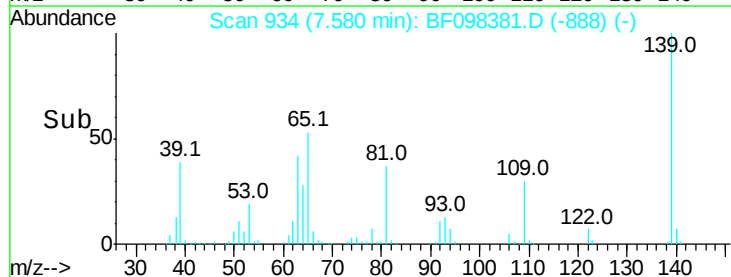
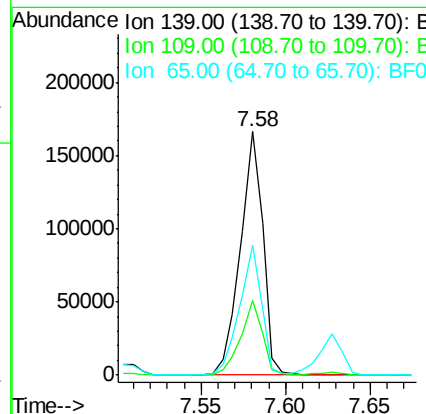
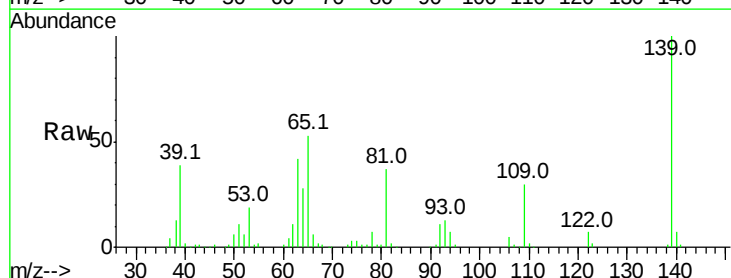
RT: 7.58 min Scan# 934

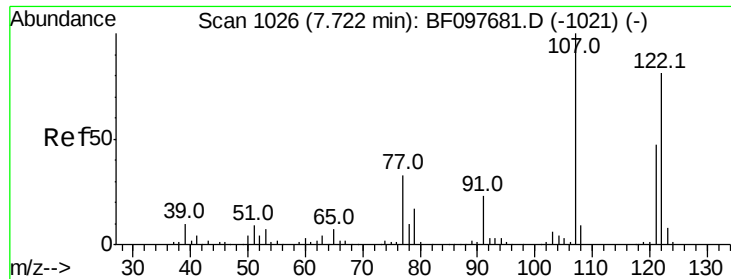
Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	139	Resp:	154519
Ion Ratio	Lower	Upper	
139	100		
109	30.4	21.0	31.6
65	53.0	33.0	49.6#





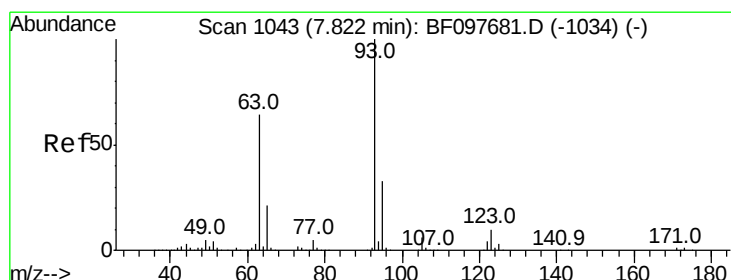
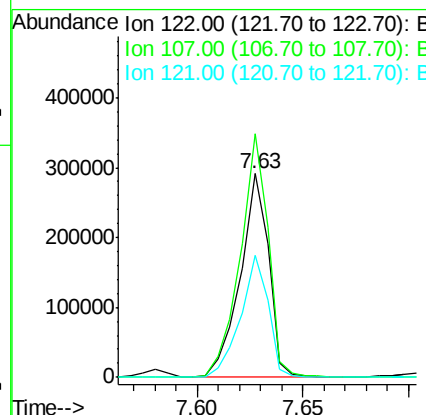
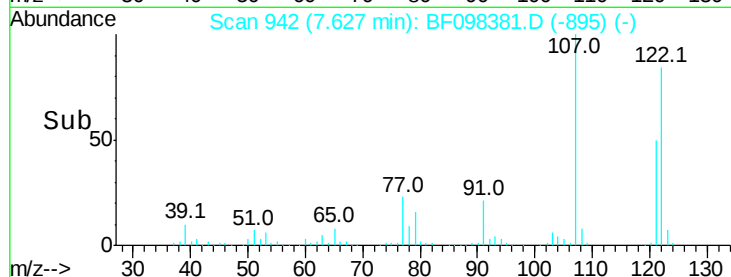
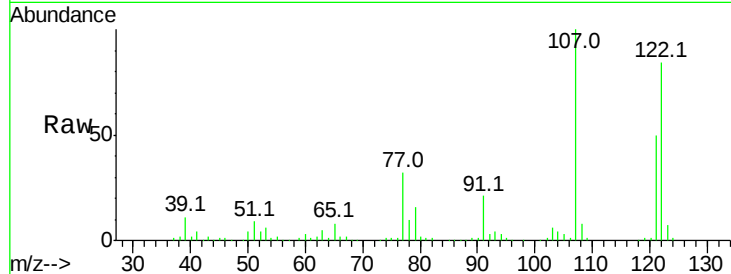
#27
 2,4-Dimethylphenol
 Concen: 41.302 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion:	122	Resp:	271526
Ion Ratio	Lower	Upper	
122	100		
107	119.6	89.2	133.8
121	60.0	45.2	67.8

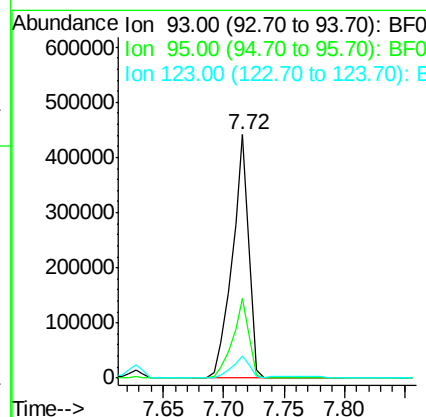
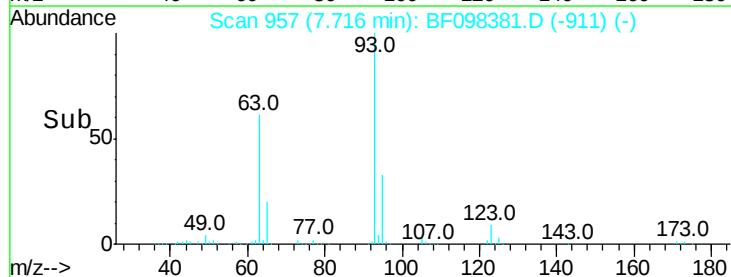
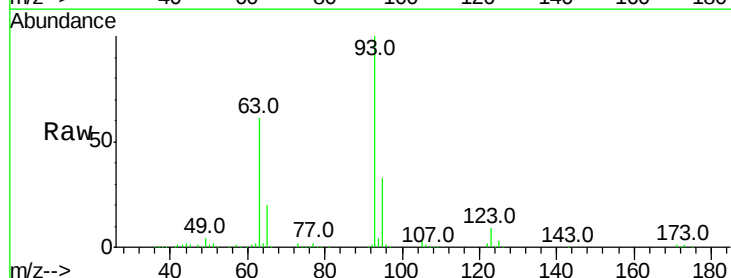
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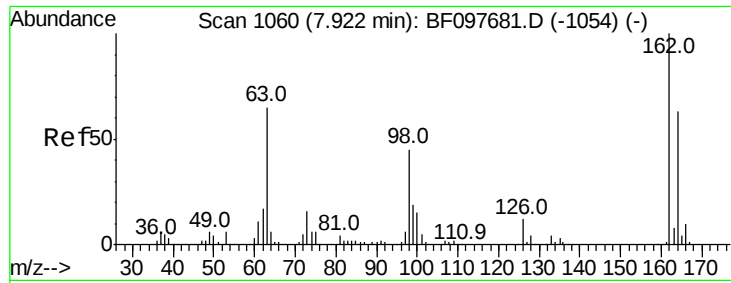
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.905 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:	93	Resp:	413548
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	9.2	9.0	13.4





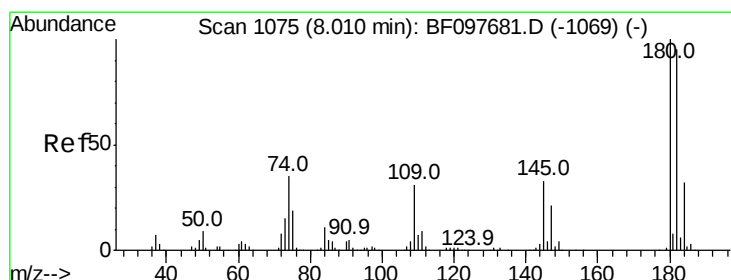
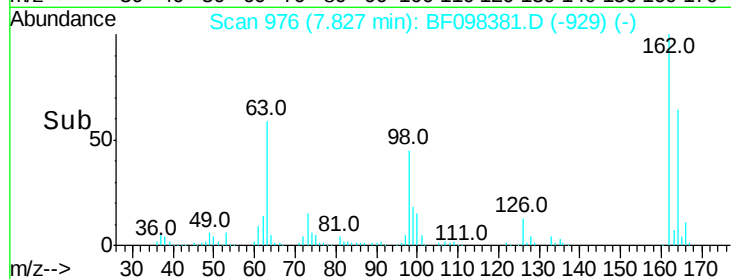
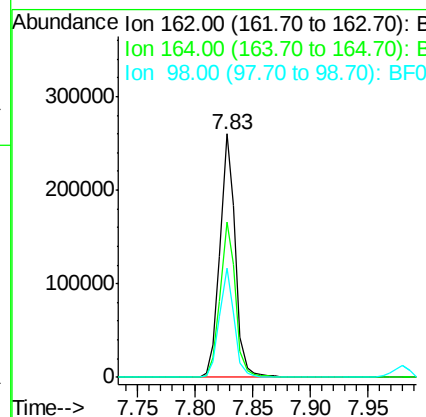
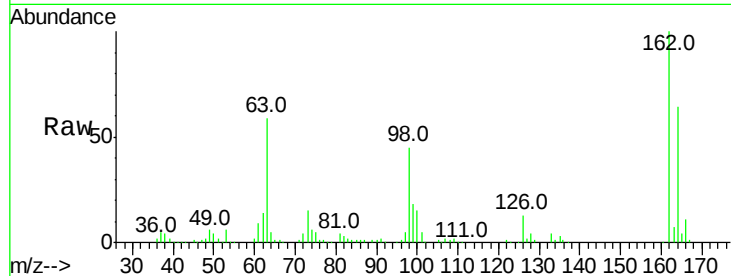
#29
 2,4-Dichlorophenol
 Concen: 43.940 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion:	162	Resp:	239790
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	45.0	14.8	54.8

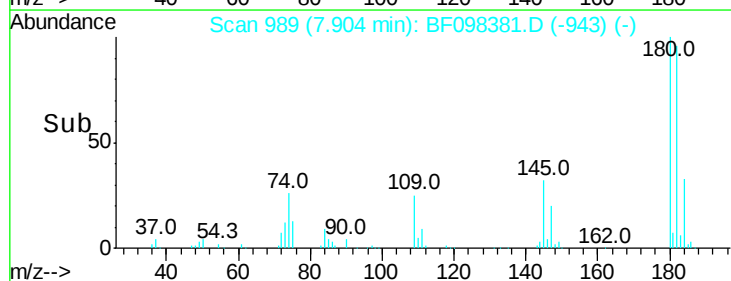
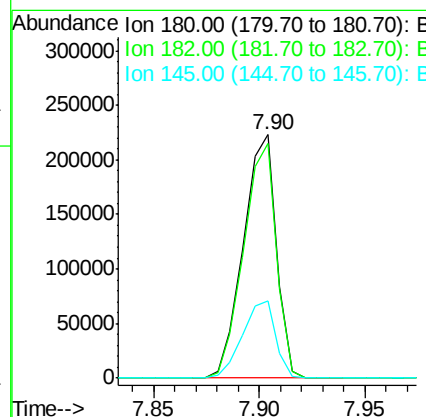
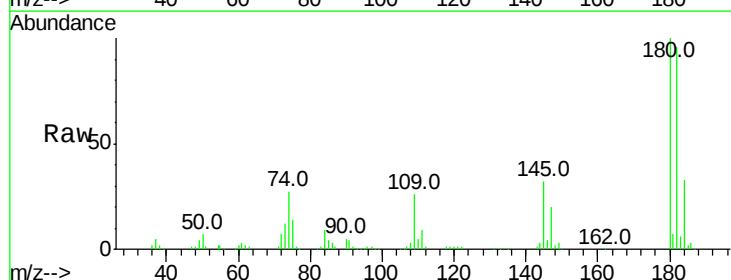
Manual Integrations
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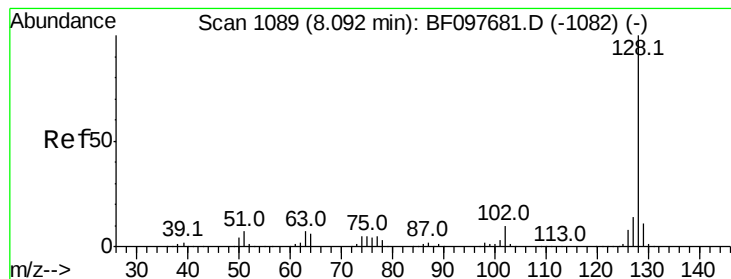
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.831 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion:	180	Resp:	240964
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.8	113.6
145	31.9	25.3	37.9





#31

Naphthalene

Concen: 39.761 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

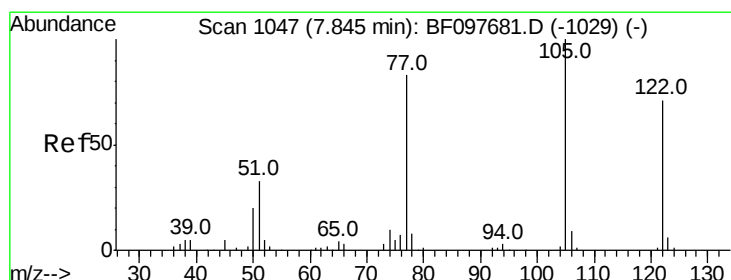
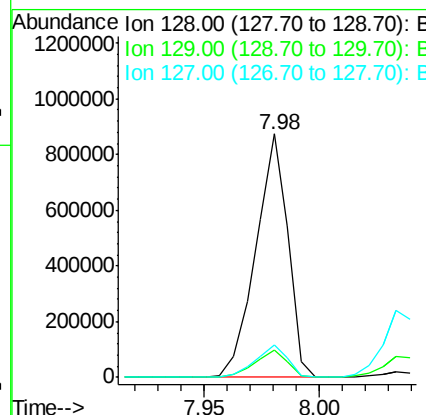
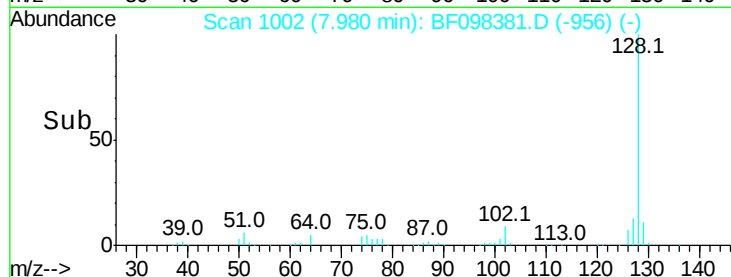
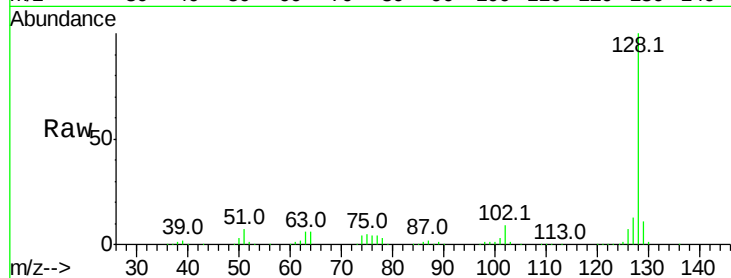
ClientSampleId :

PB102149BS

Tot Ion:	128	Resp:	850074
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.3	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 31.671 ng

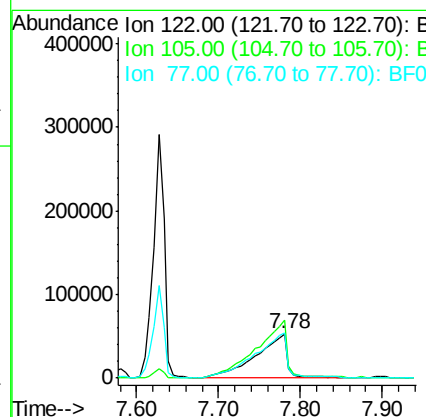
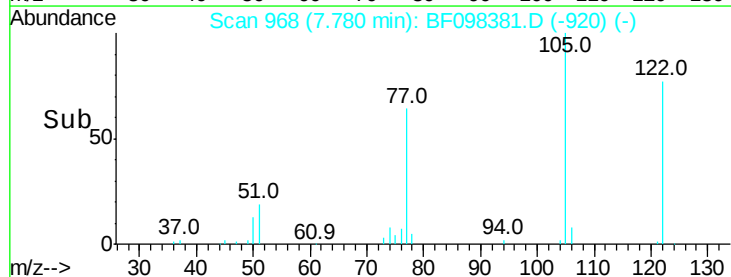
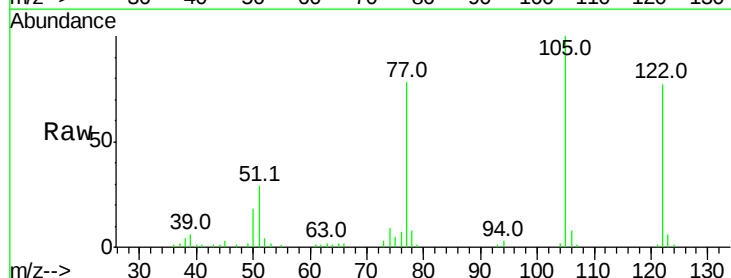
RT: 7.78 min Scan# 968

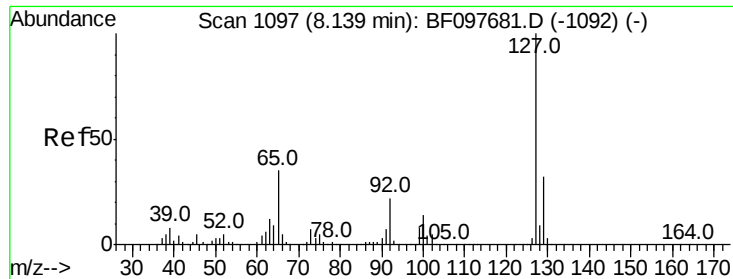
Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	122	Resp:	139660
Ion Ratio	Lower	Upper	
122	100		
105	130.4	103.3	143.3
77	102.0	73.7	113.7





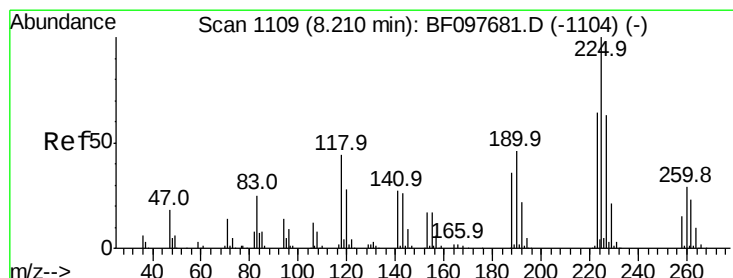
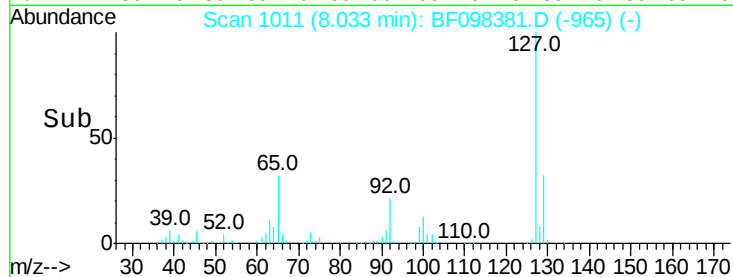
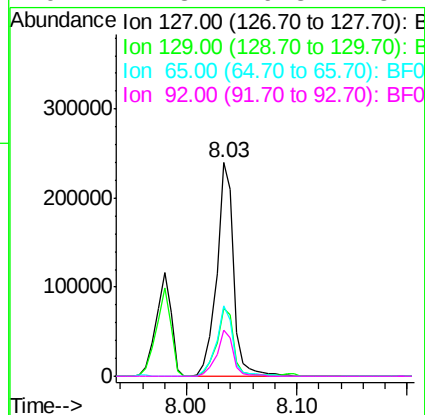
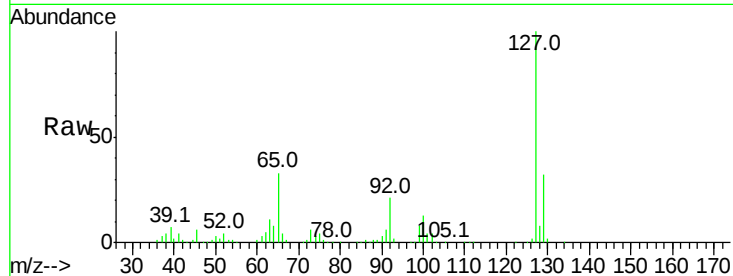
#33
4-Chloroaniline
Concen: 28.109 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.2	39.2	
65	32.9	27.8	41.8	
92	21.3	16.8	25.2	

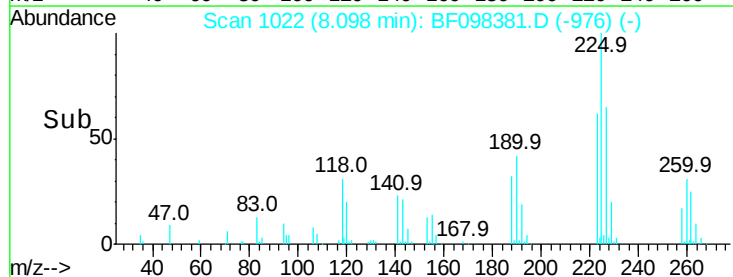
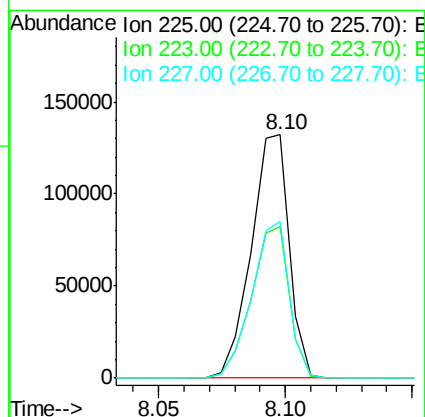
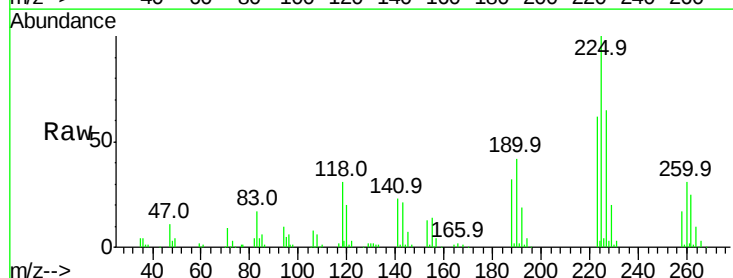
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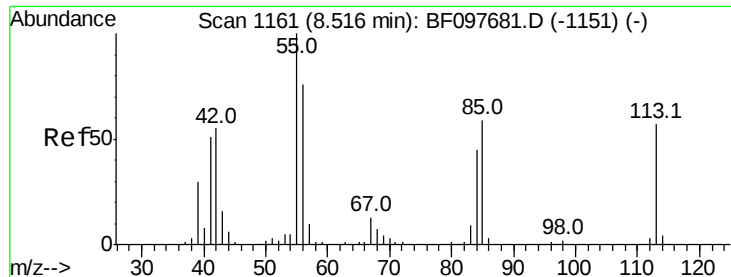
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#34
Hexachlorobutadiene
Concen: 39.007 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	48.8	73.2	
227	64.5	51.1	76.7	





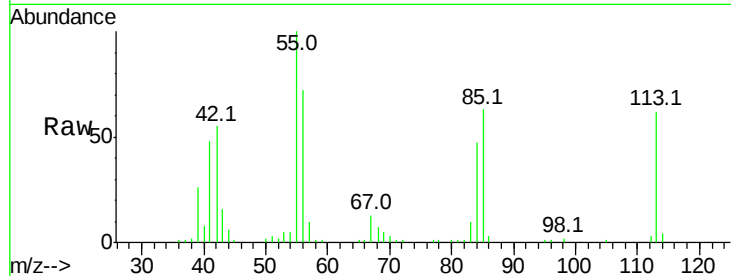
#35
 Caprolactam
 Concen: 48.712 ng/ml
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleID :
 PB102149BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.2	150.2	190.2
56	116.3	107.8	147.8

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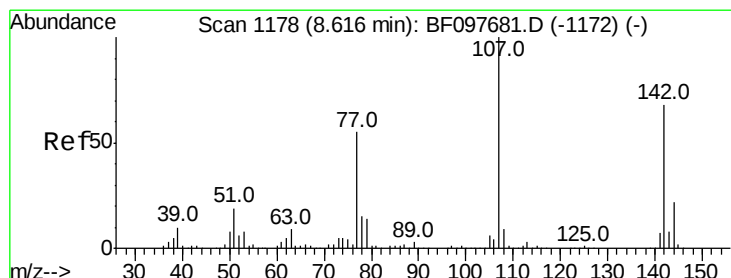
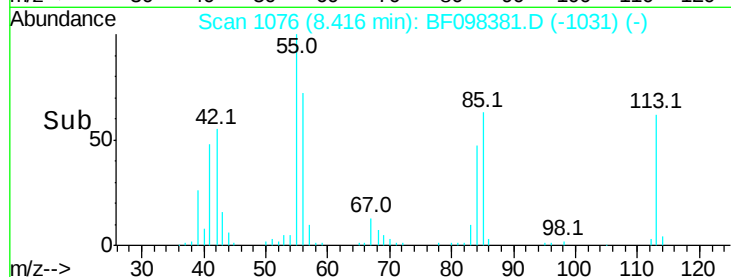
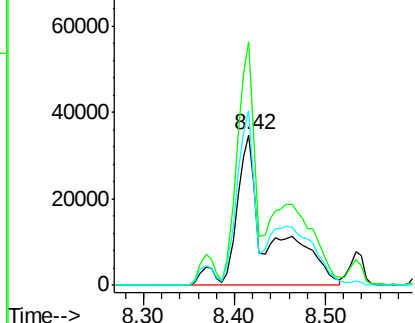
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Abundance Ion 113.00 (112.70 to 113.70): E

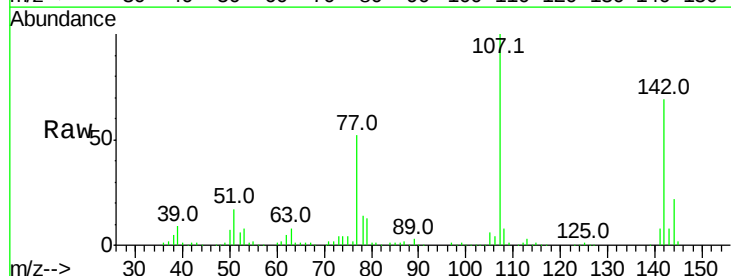
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 41.826 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

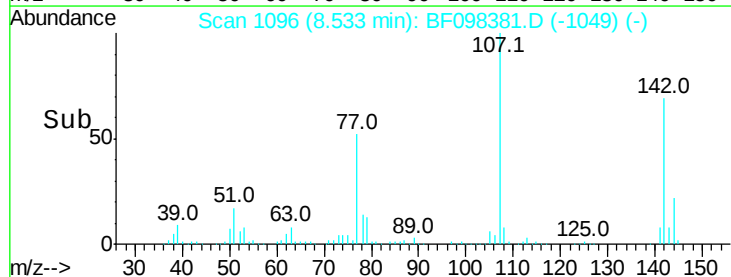
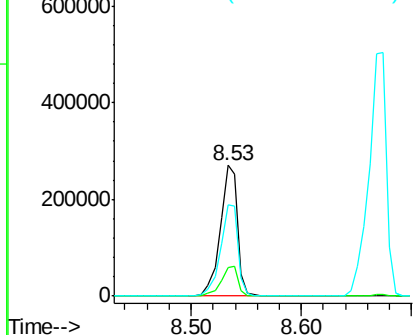
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	24.2	36.4#
142	69.4	73.4	110.0#

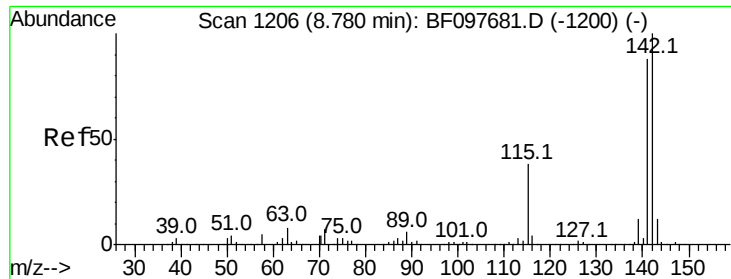


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





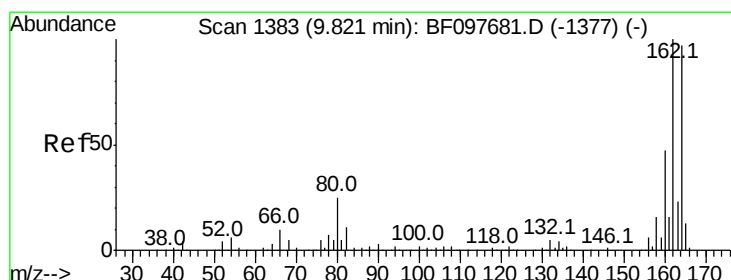
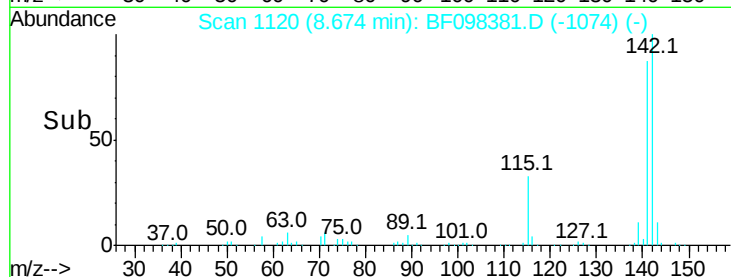
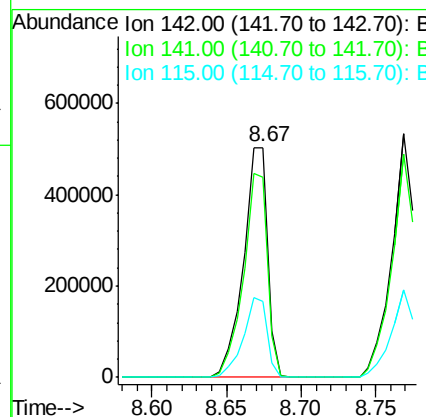
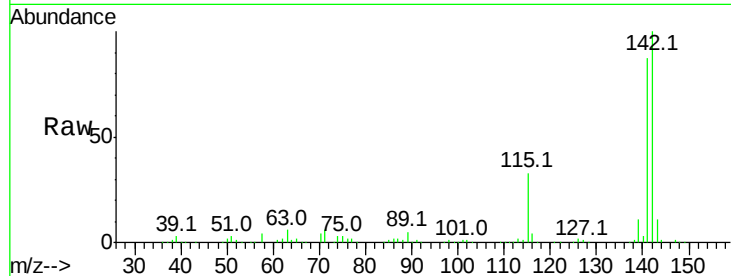
#37
2-Methylnaphthalene
Concen: 43.220 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	566524		
141	86.9	71.3	106.9	
115	33.3	27.1	40.7	

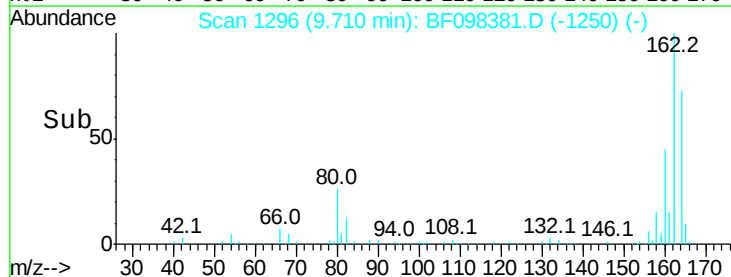
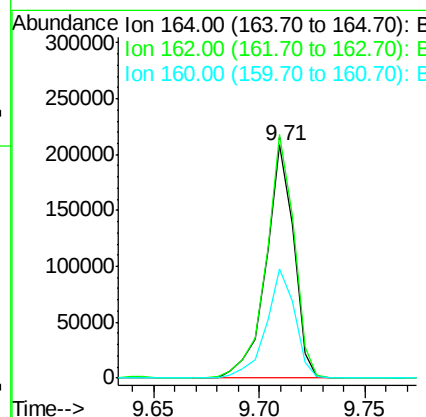
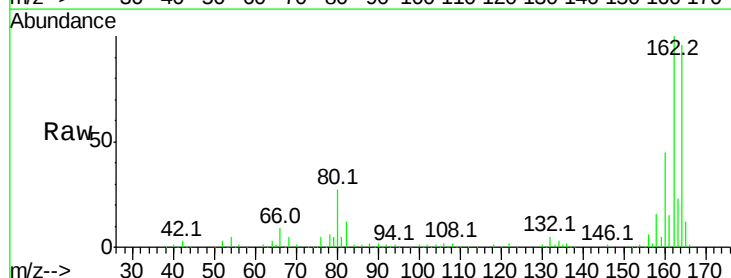
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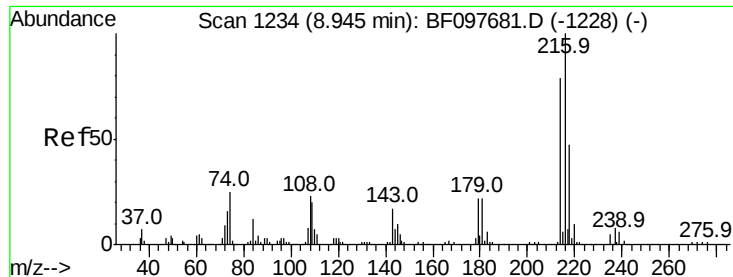
Sohil
9/11/2017 2:42:40 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191261		
162	104.6	82.6	123.8	
160	46.9	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.328 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

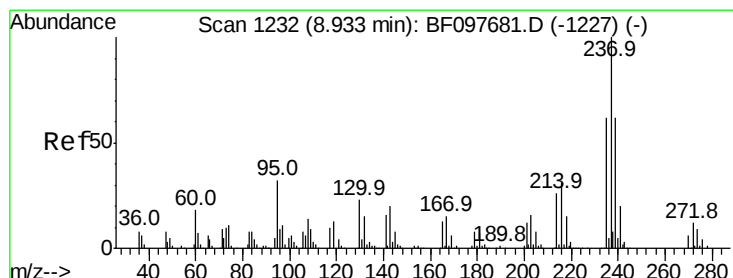
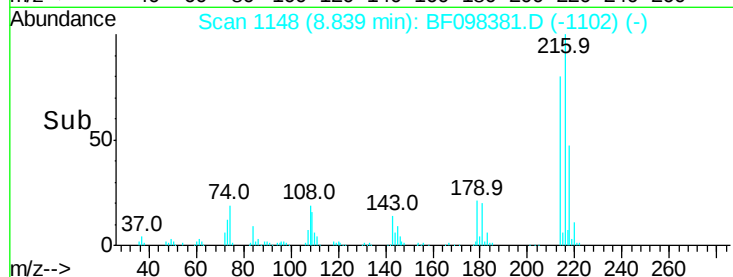
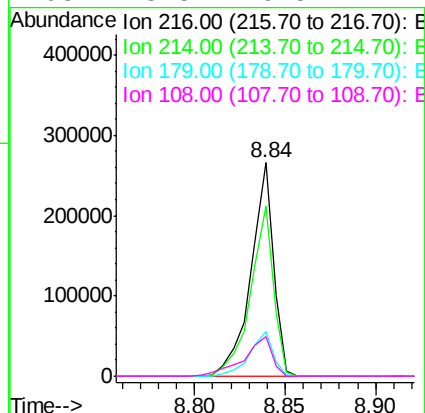
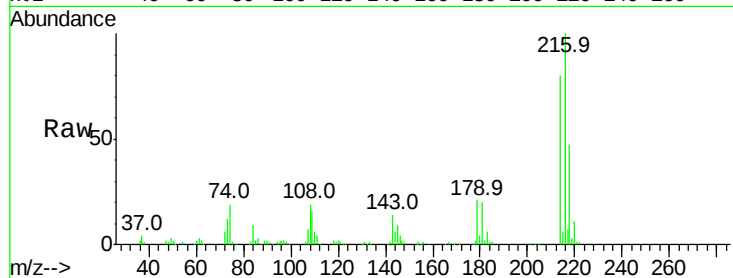
ClientSampleId :

PB102149BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.3	63.4	95.2
179	21.4	17.9	26.9
108	23.5	16.5	24.7

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#40

Hexachlorocyclopentadiene

Concen: 70.485 ng

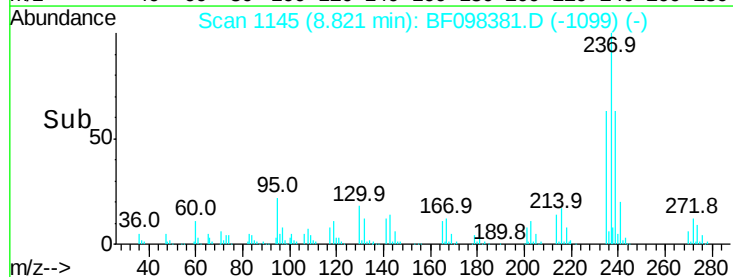
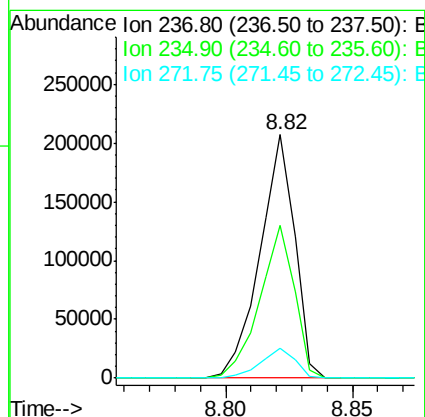
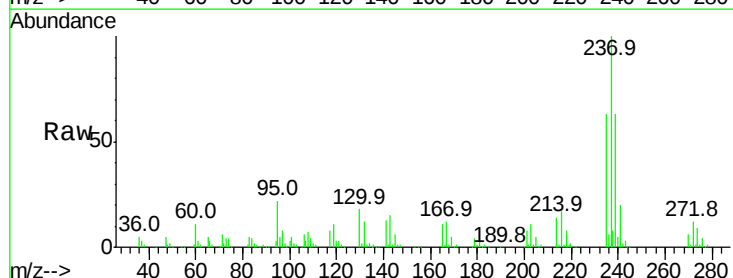
RT: 8.82 min Scan# 1145

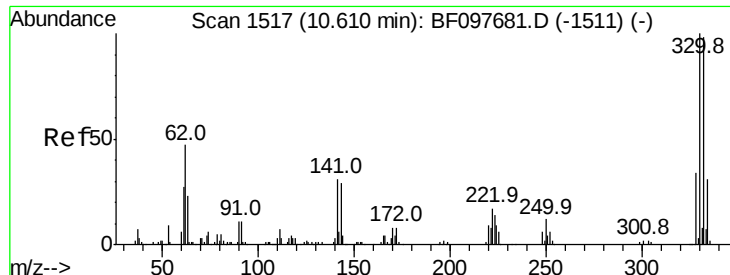
Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.6	82.6
272	12.1	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 142.116 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

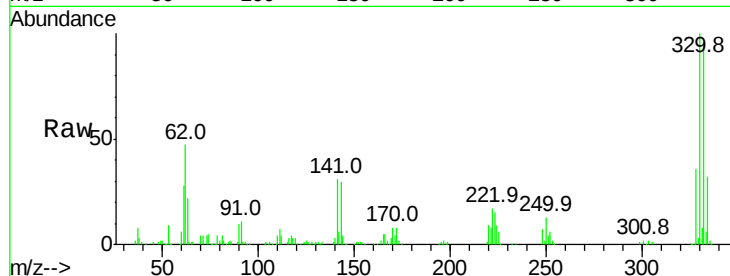
ClientSampleId :

PB102149BS

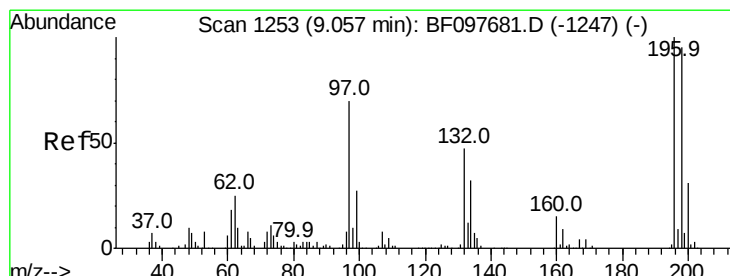
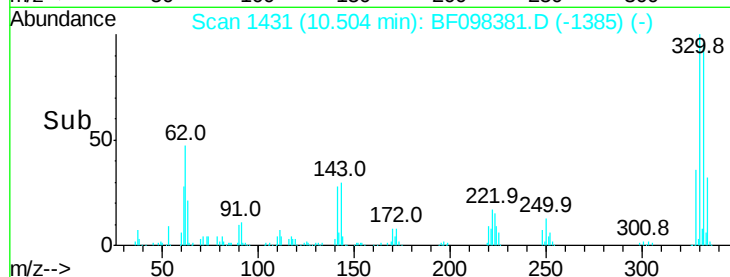
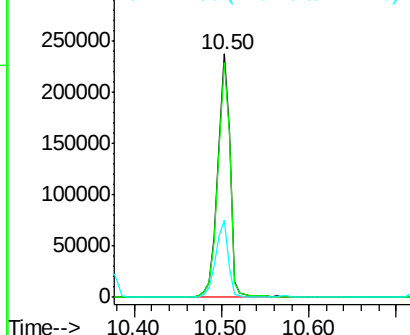
Tot Ion:	330	Resp:	235841
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	115.0
141	32.3	31.4	47.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.873 ng

RT: 8.96 min Scan# 1168

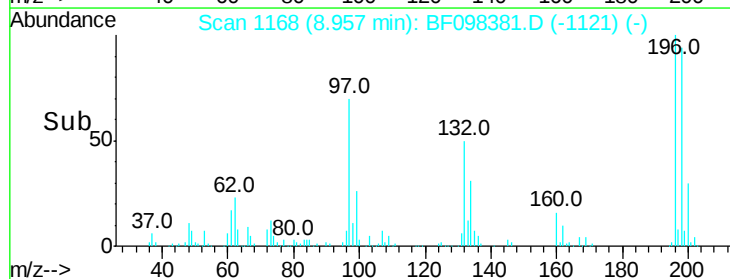
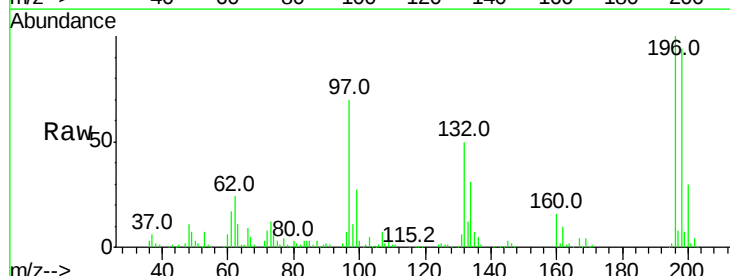
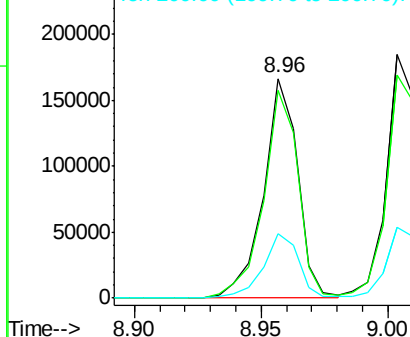
Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	196	Resp:	157131
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.2	111.4
200	29.5	24.0	36.0

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





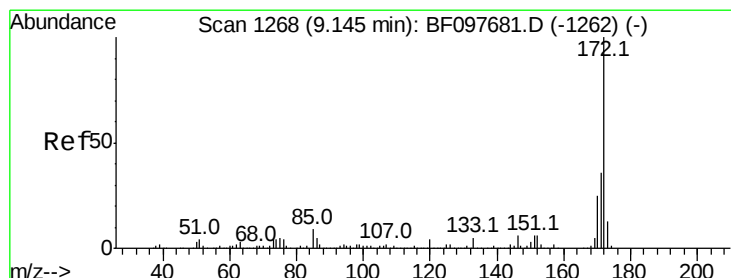
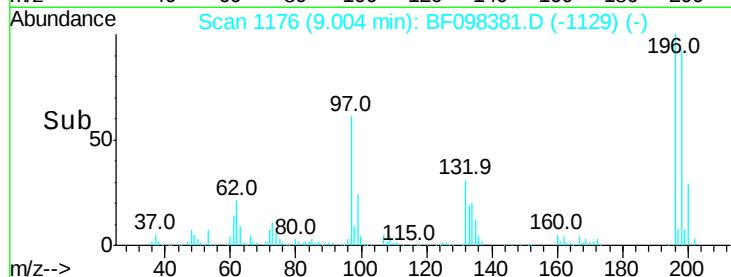
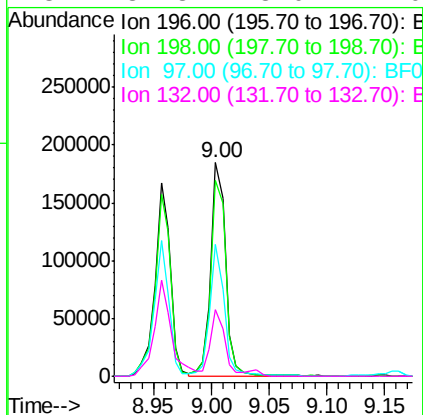
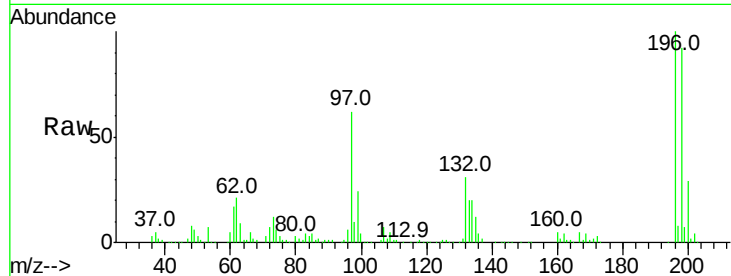
#43
 2,4,5-Trichlorophenol
 Concen: 42.316 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165437		
198	91.7	75.7	113.5	
97	61.6	47.7	71.5	
132	31.3	28.0	42.0	

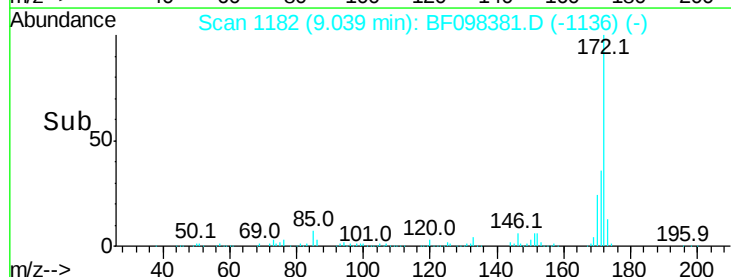
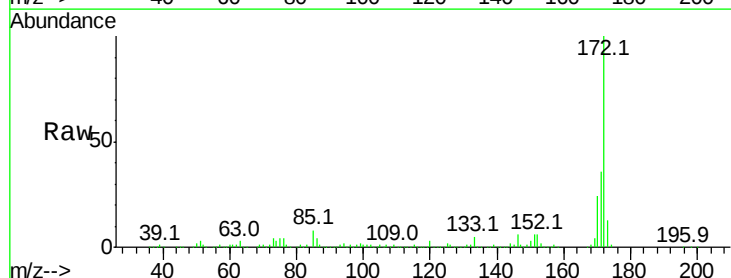
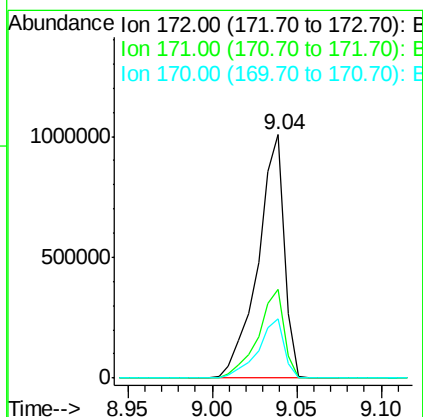
Manual Integrations
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 9/11/2017 2:42:40 PM



#44
 2-Fluorobiphenyl
 Concen: 83.708 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1089709		
171	36.4	29.6	44.4	
170	24.3	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.389 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

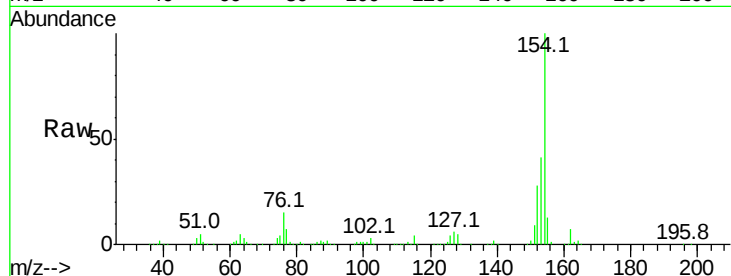
ClientSampleId :

PB102149BS

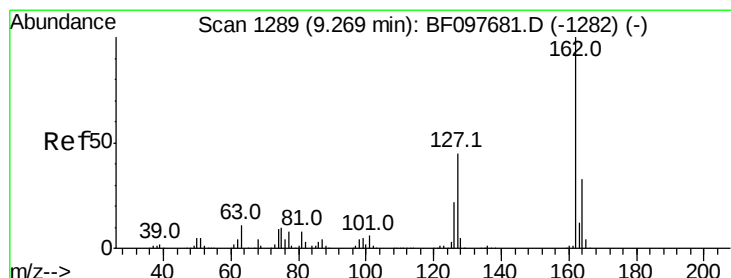
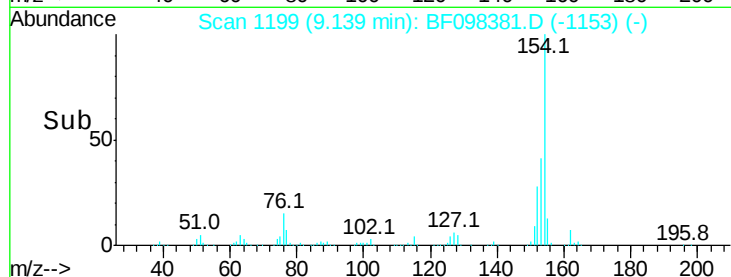
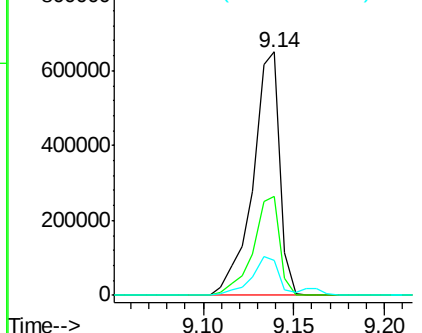
Tot Ion:	154	Resp:	669559
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	14.5	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 38.397 ng

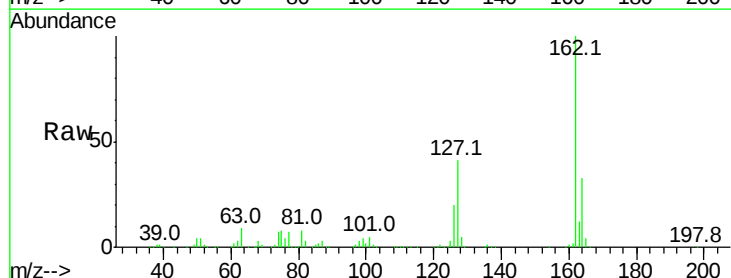
RT: 9.16 min Scan# 1203

Delta R.T. -0.03 min

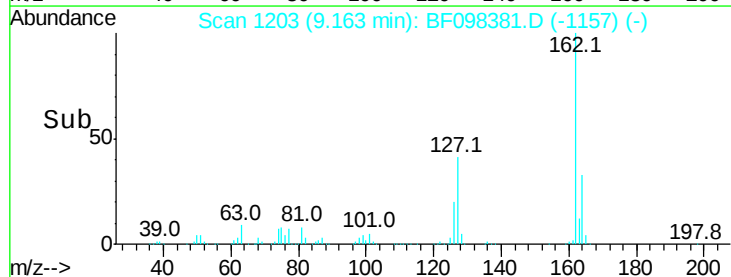
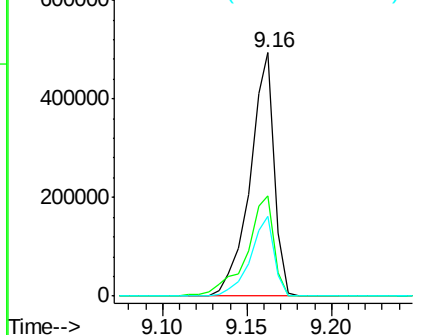
Lab File: BF098381.D

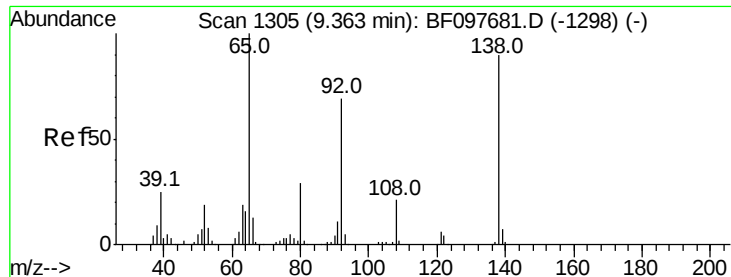
Acq: 9 Sep 2017 13:06

Tgt Ion:	162	Resp:	494812
Ion Ratio	Lower	Upper	
162	100		
127	41.0	28.3	42.5
164	32.9	27.0	40.4



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





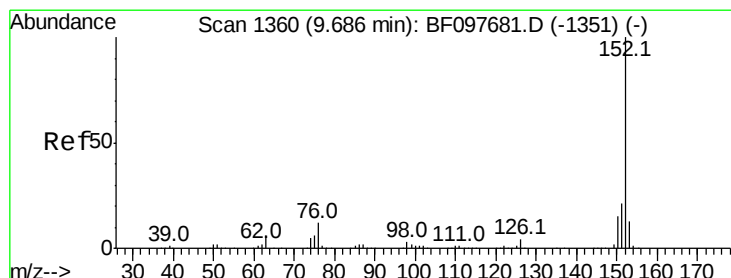
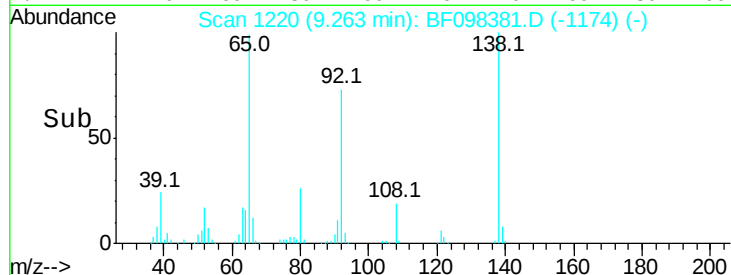
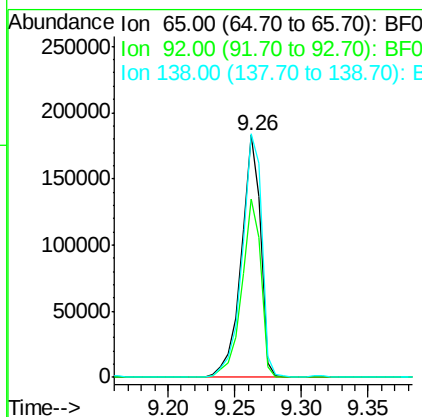
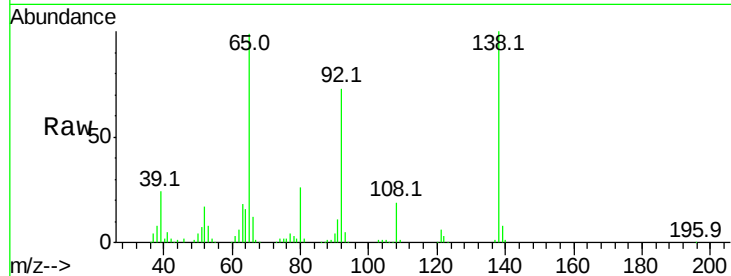
#47
2-Nitroaniline
Concen: 42.351 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.9	80.9
138	100.5	78.8	118.2

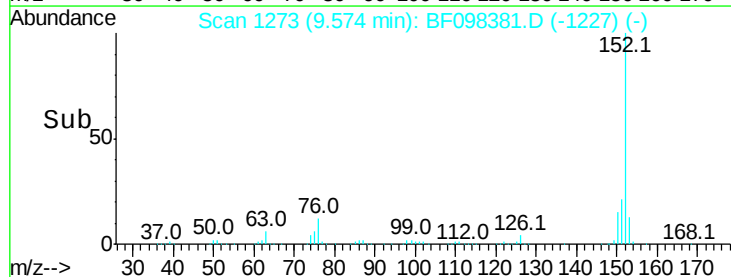
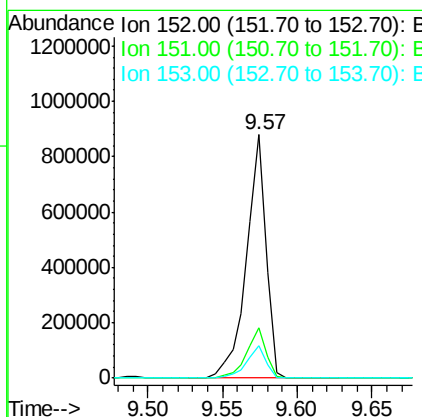
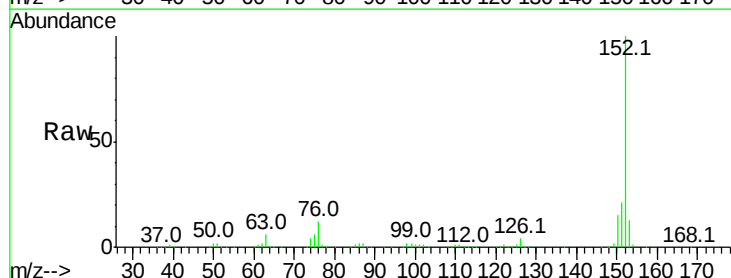
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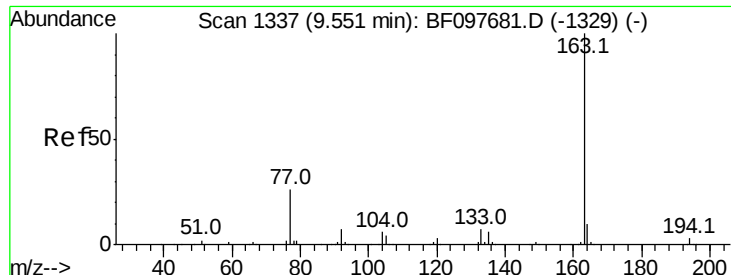
Sohil
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#48
Acenaphthylene
Concen: 39.497 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

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





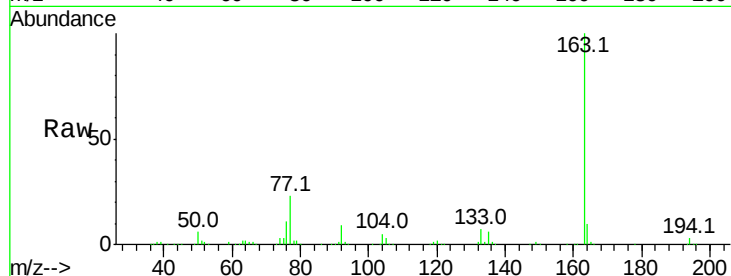
#49
Dimethylphthalate
Concen: 43.854 ng
RT: 9.44 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

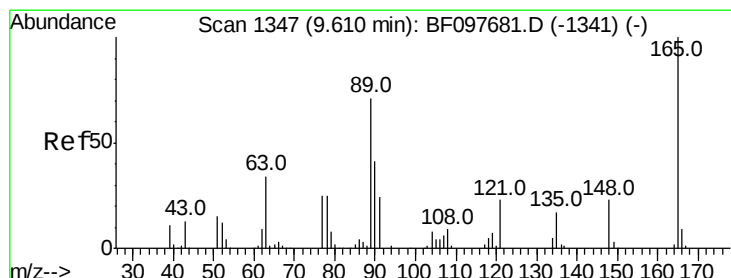
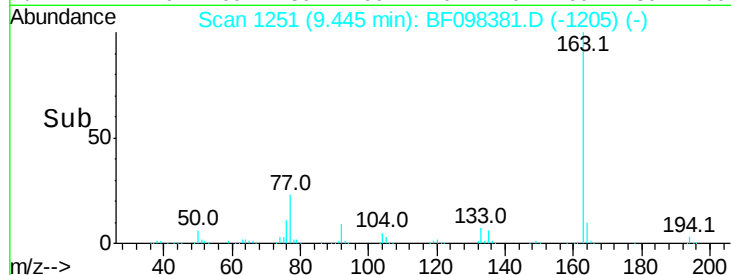
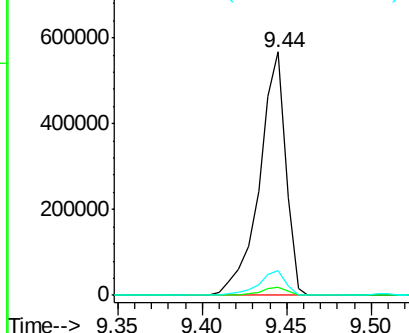
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.9	8.4	12.6	

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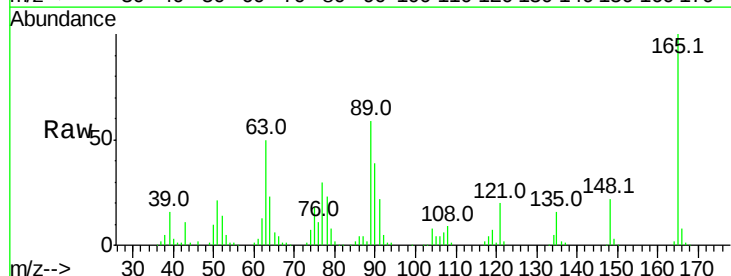


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

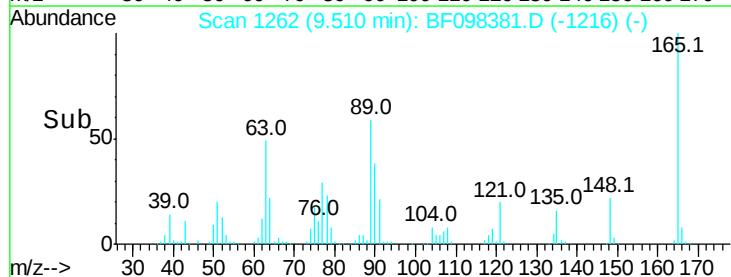
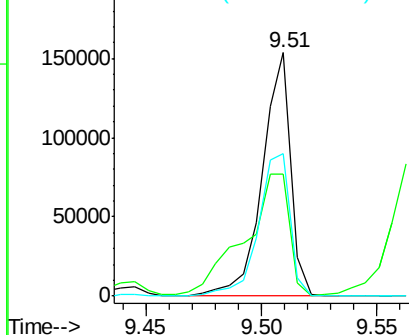


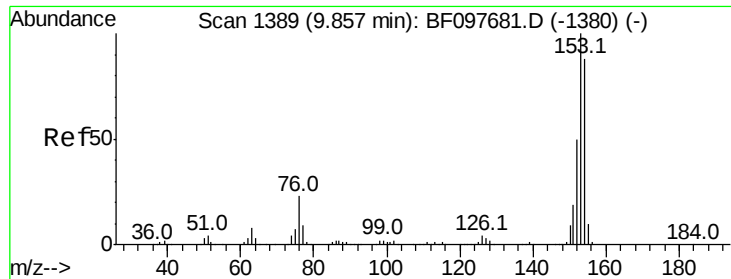
#50
2,6-Dinitrotoluene
Concen: 46.895 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.9	34.3	51.5	
89	58.5	37.1	55.7	



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





#51

Acenaphthene

Concen: 37.743 ng

RT: 9.74 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

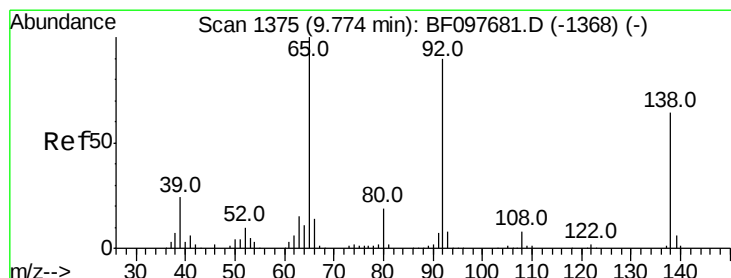
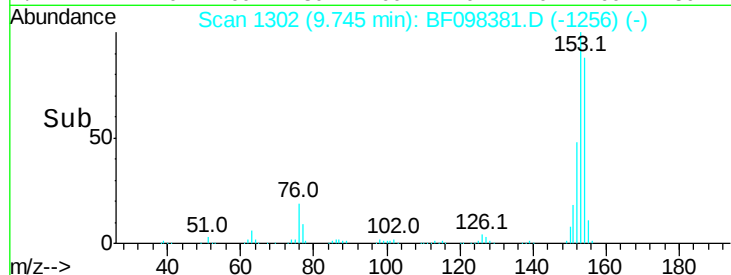
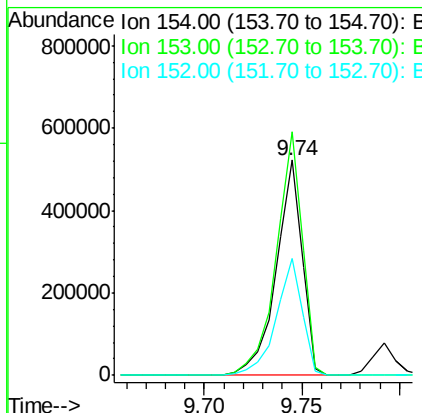
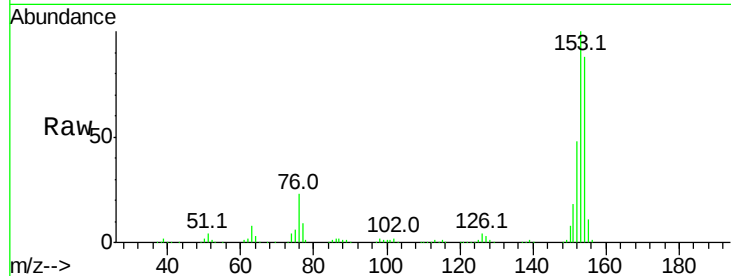
ClientSampleId :

PB102149BS

Tot Ion:	154	Resp:	481724
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	54.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 32.030 ng

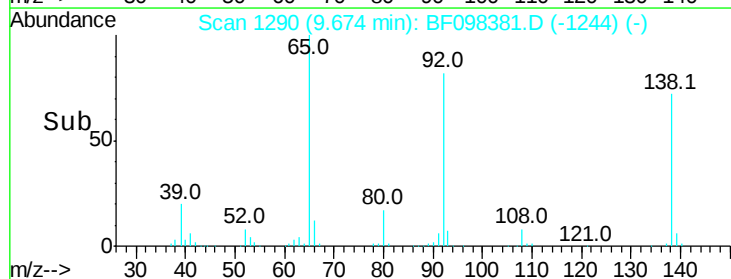
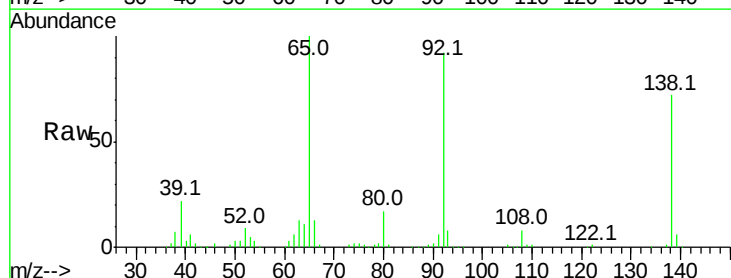
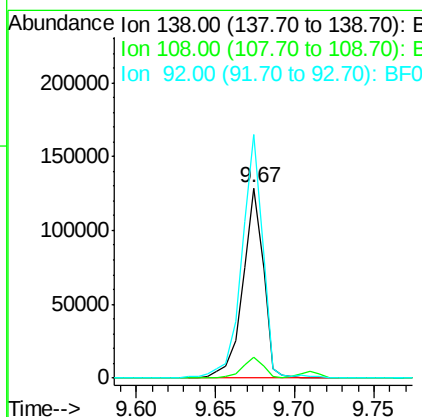
RT: 9.67 min Scan# 1290

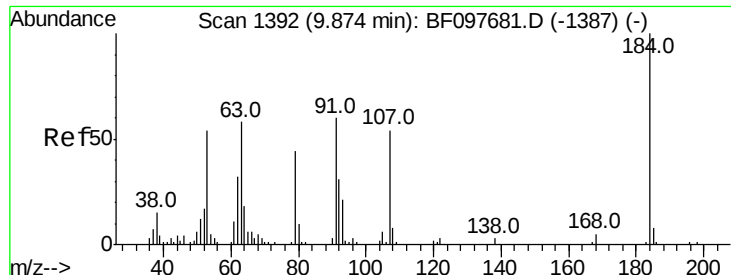
Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	138	Resp:	115325
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.1	13.7
92	128.2	93.8	140.6





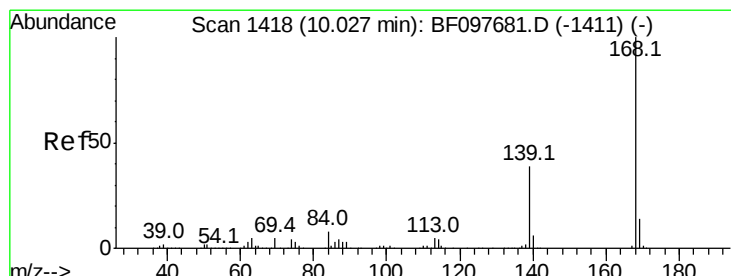
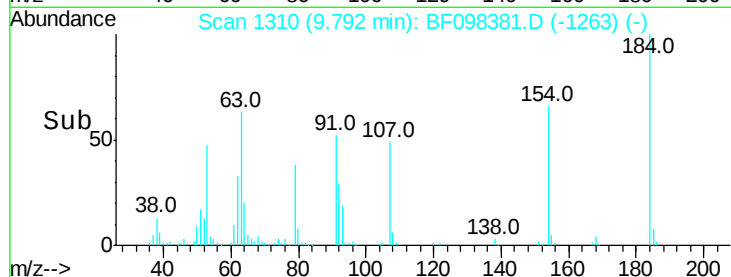
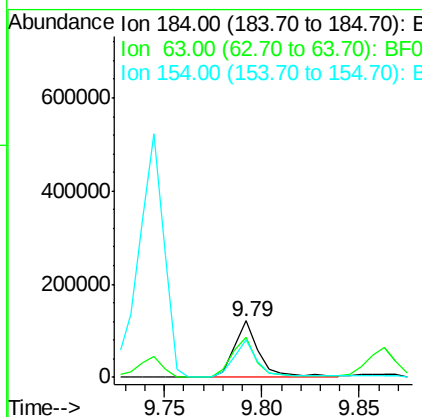
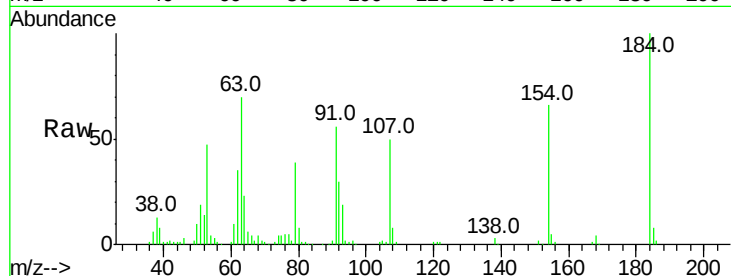
#53
 2,4-Dinitrophenol
 Concen: 82.536 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.8	62.7	94.1	
154	65.5	81.1	121.7	

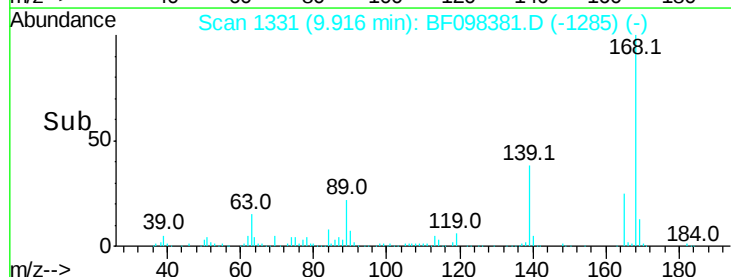
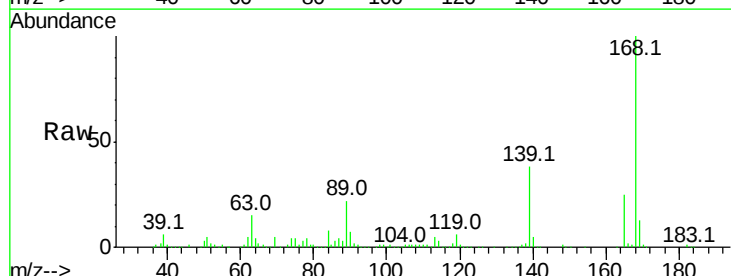
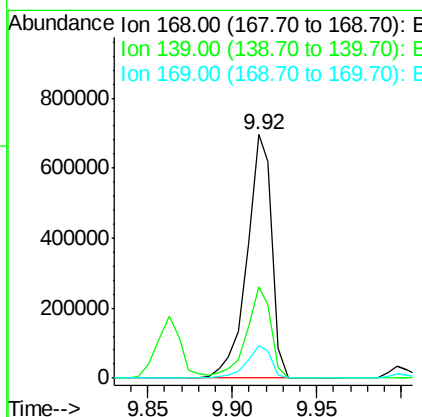
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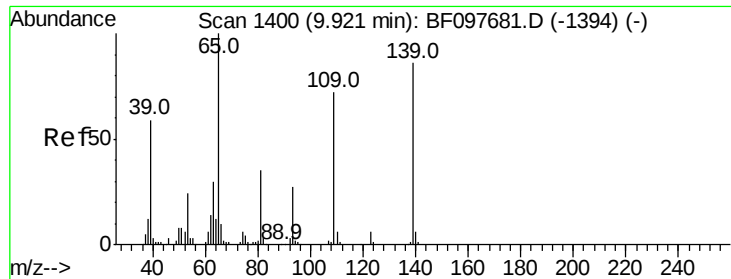
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#54
 Dibenzofuran
 Concen: 41.523 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	30.6	45.8	
169	13.5	10.8	16.2	





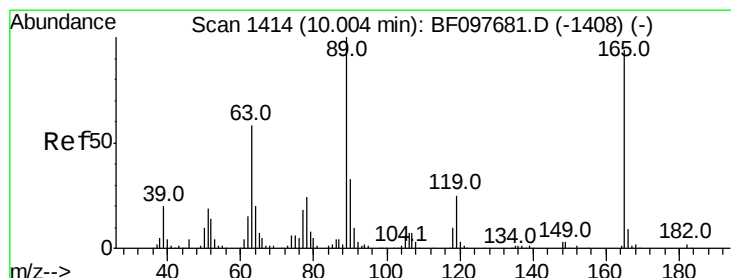
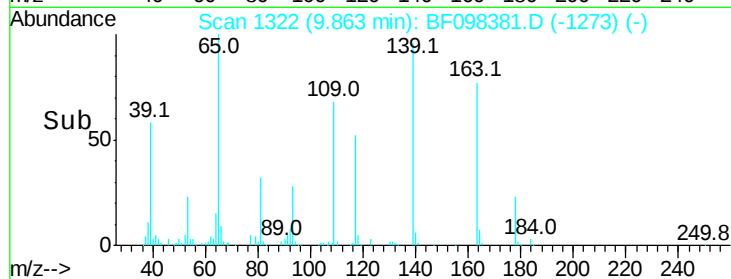
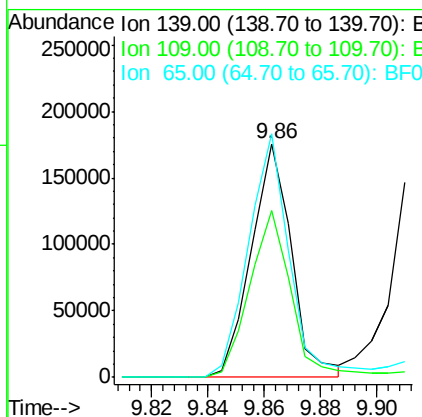
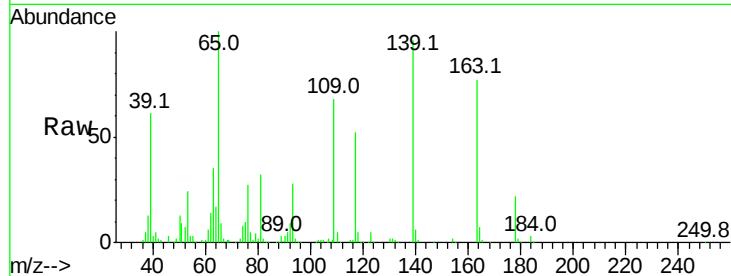
#55
4-Nitrophenol
Concen: 60.561 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.4	34.1	74.1	
65	104.3	31.4	71.4	

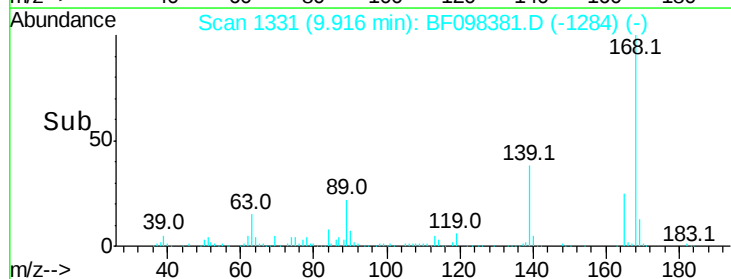
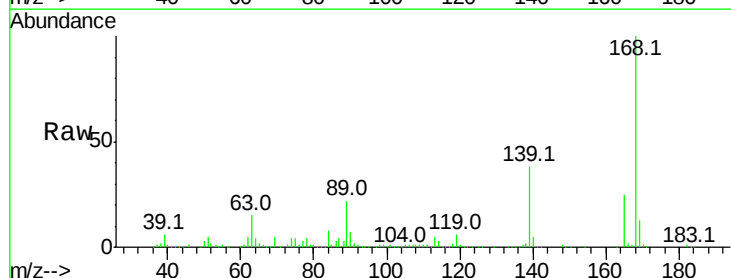
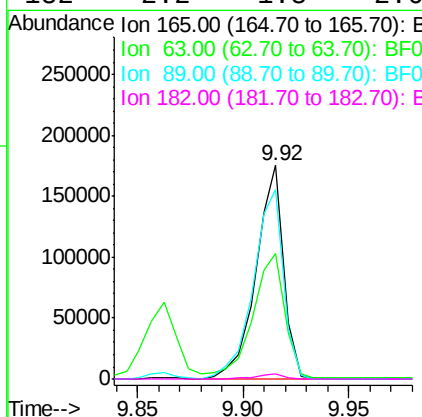
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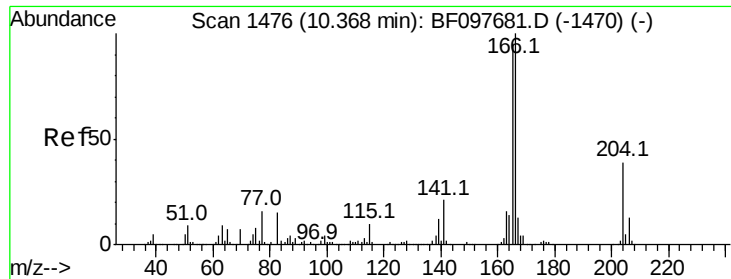
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.620 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	25.4	38.0	
89	88.5	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 41.414 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

PB102149BS

Tot Ion:166 Resp: 547708

Ion Ratio Lower Upper

166 100

165 94.2 78.8 118.2

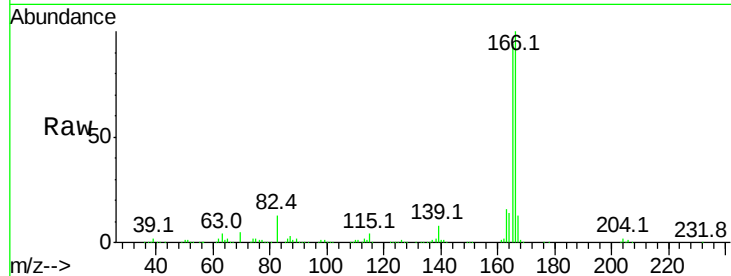
167 13.1 10.6 16.0

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

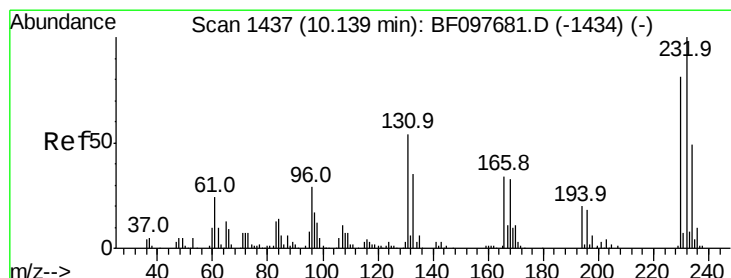
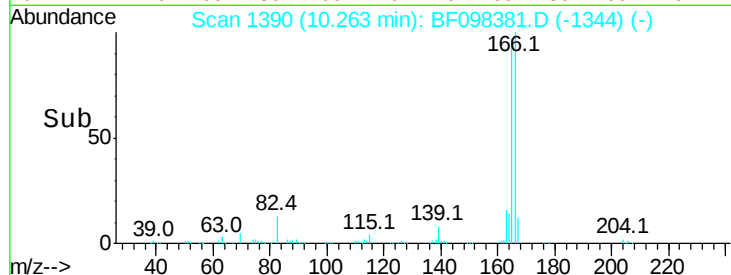
600000

400000

200000

0

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.390 ng

RT: 10.04 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:232 Resp: 137390

Ion Ratio Lower Upper

232 100

131 48.4 44.8 67.2

130 2.5 2.3 3.5

166 30.1 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

200000

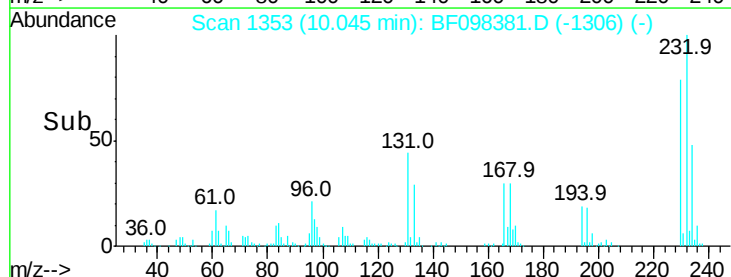
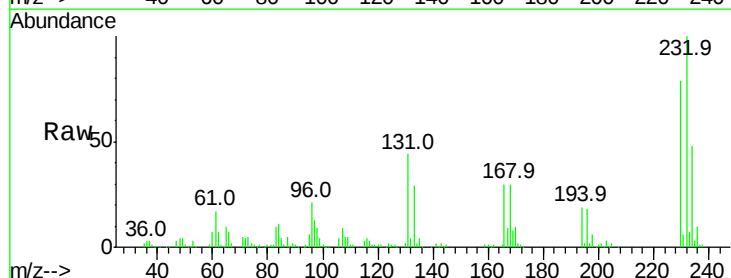
150000

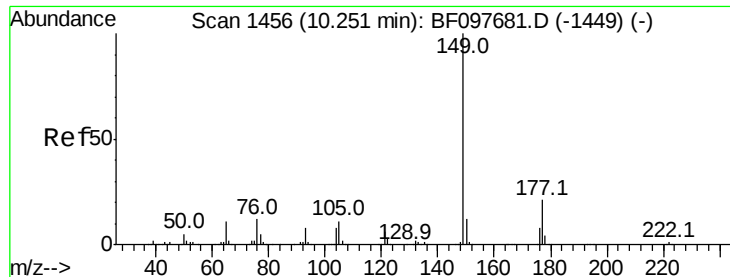
100000

50000

0

Time-->





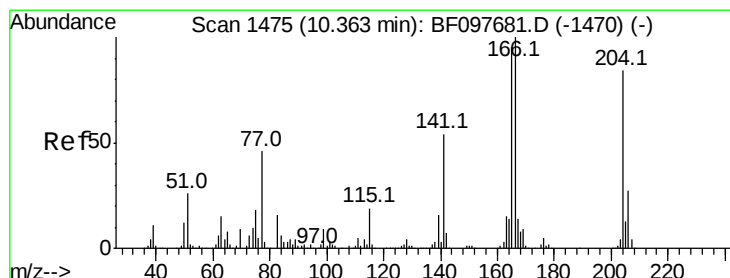
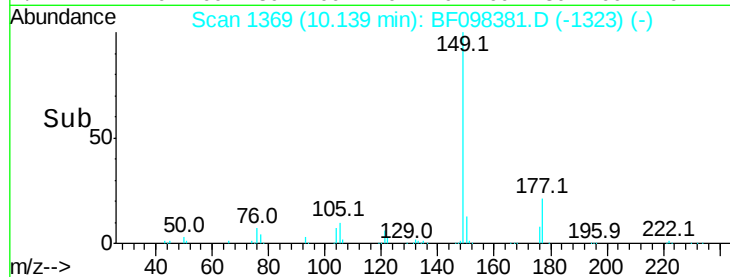
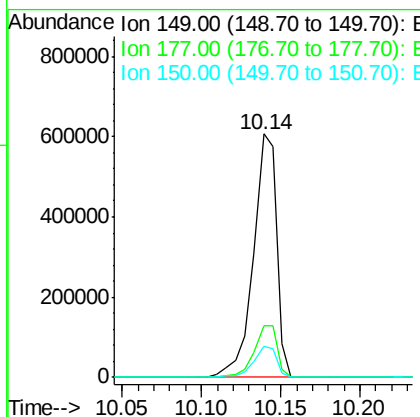
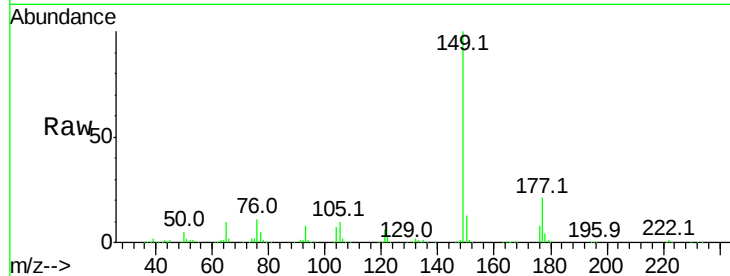
#59
Diethylphthalate
Concen: 42.417 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.7	10.2	15.2

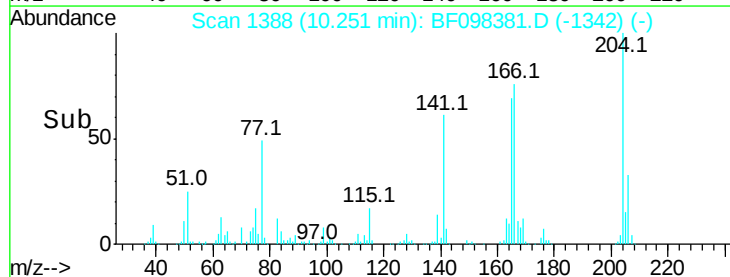
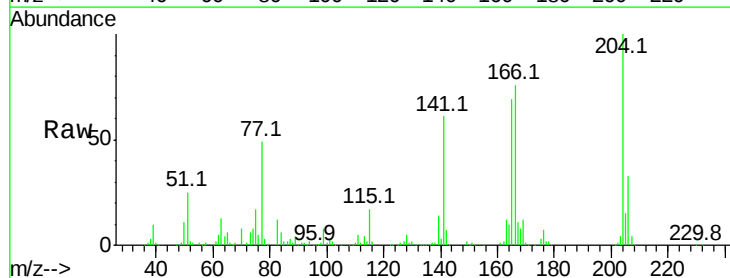
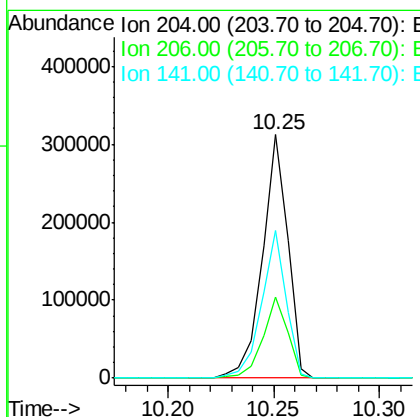
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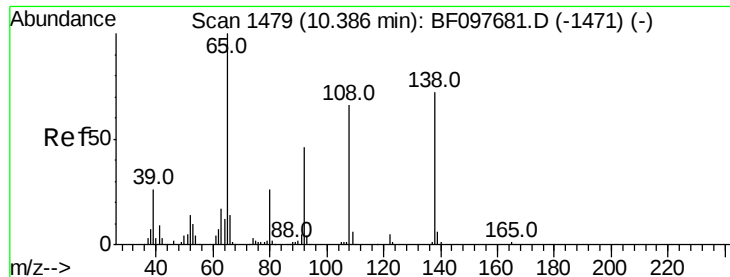
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.383 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	60.7	60.8	91.2#





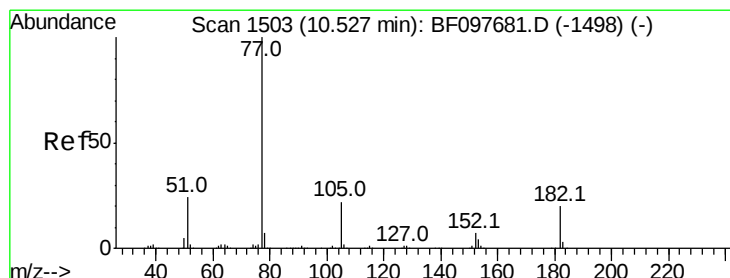
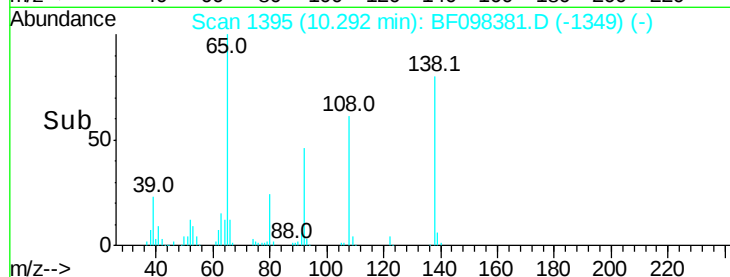
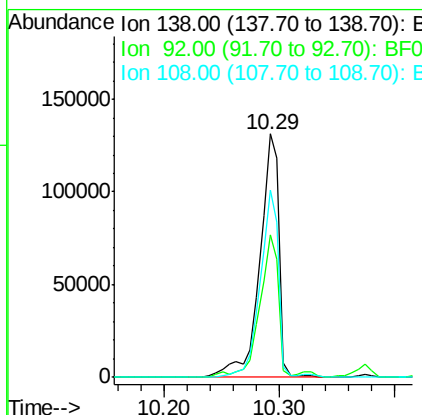
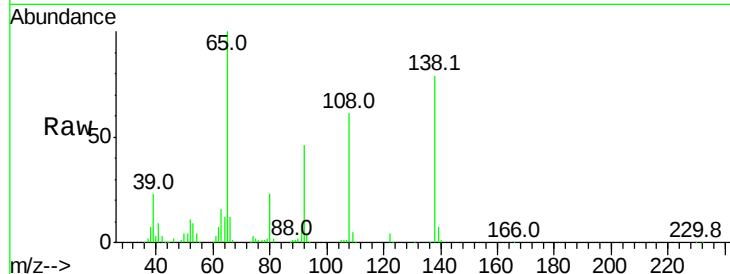
#61
4-Nitroaniline
Concen: 45.050 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	154162		
92	58.4	21.8	61.8	
108	77.0	42.3	82.3	

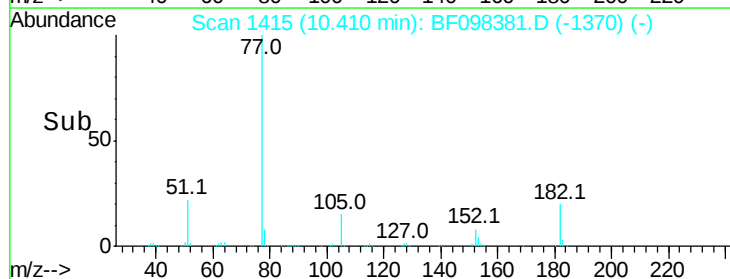
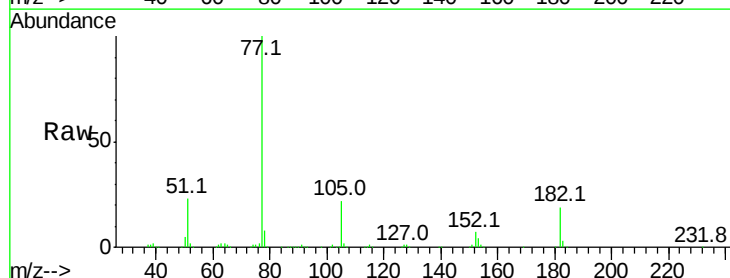
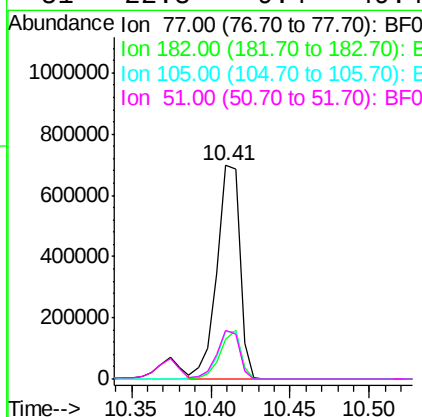
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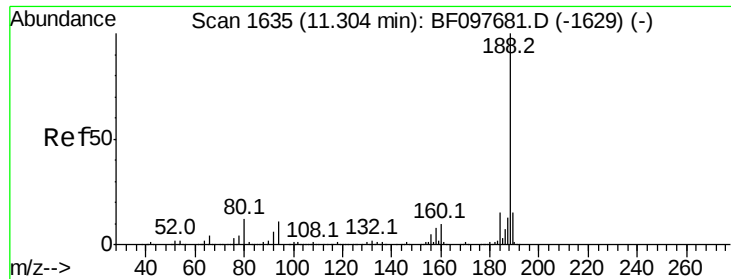
Sohil
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#62
Azobenzene
Concen: 40.476 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	702920		
182	18.9	0.1	40.1	
105	22.0	3.6	43.6	
51	22.8	9.4	49.4	





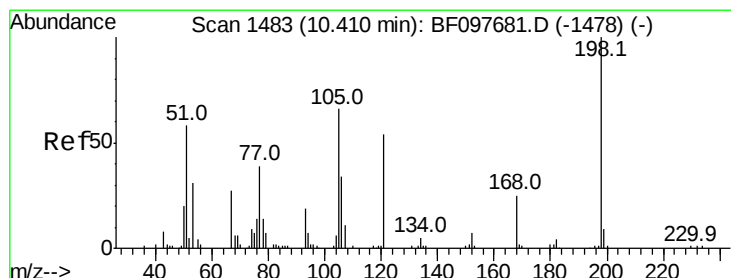
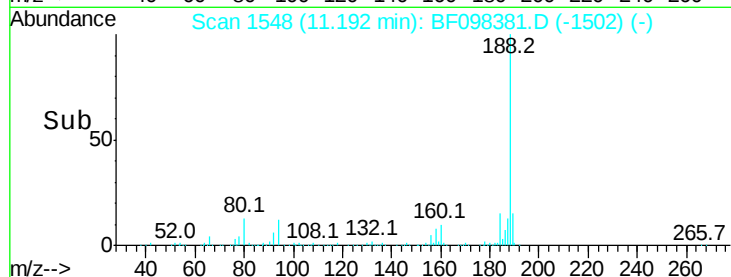
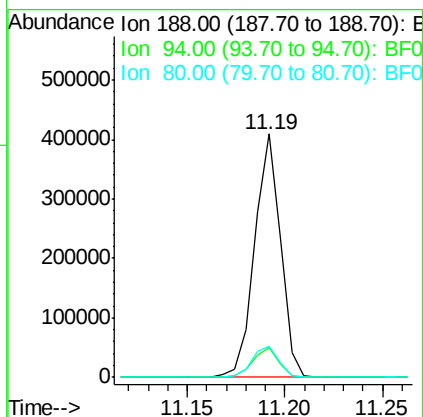
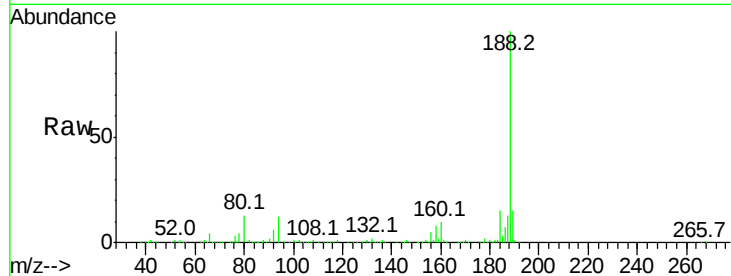
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampled :
PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	376277		
94	12.1		9.4	14.2
80	12.9		10.2	15.2

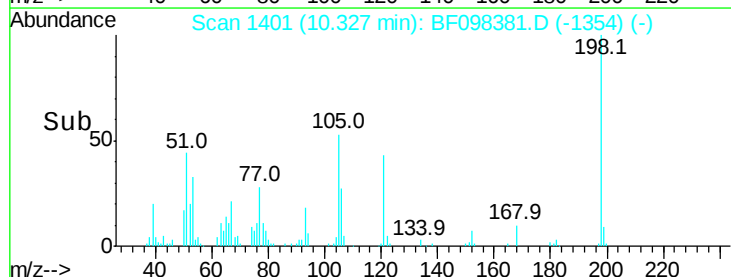
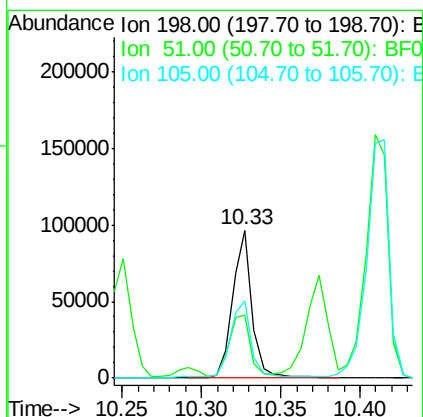
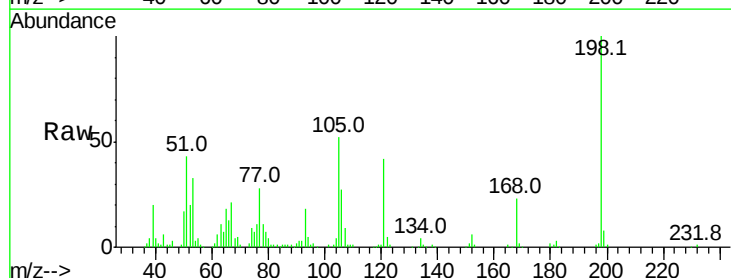
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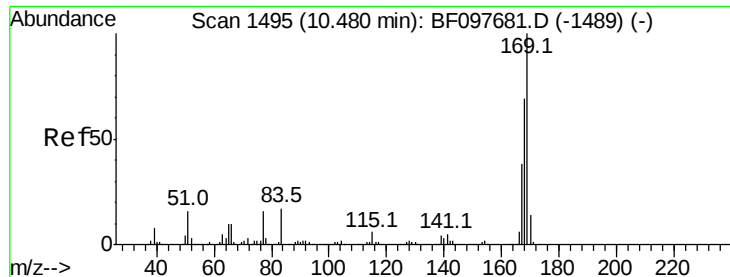
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.672 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	82261		
51	42.7		53.2	93.2#
105	51.9		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 39.919 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

ClientSampleId :

PB102149BS

Tot Ion:169 Resp: 511493

Ion Ratio Lower Upper

169 100

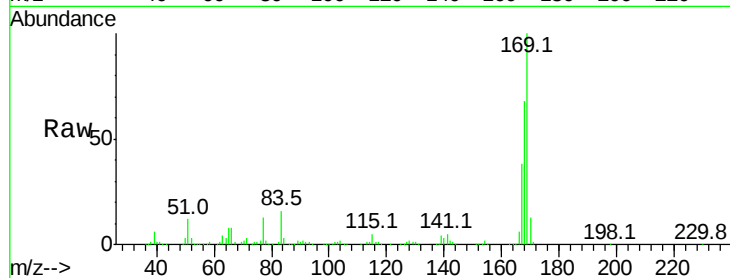
168 68.4 53.2 79.8

167 37.7 29.5 44.3

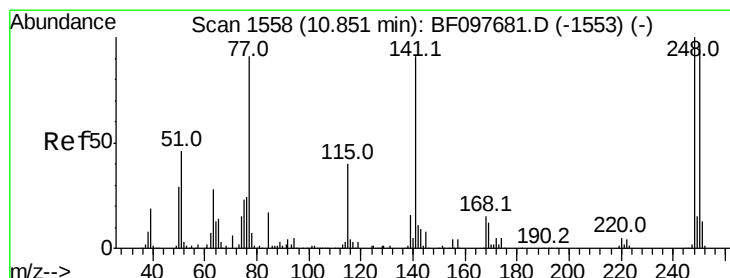
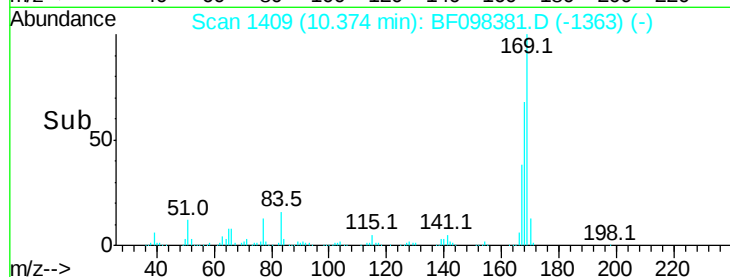
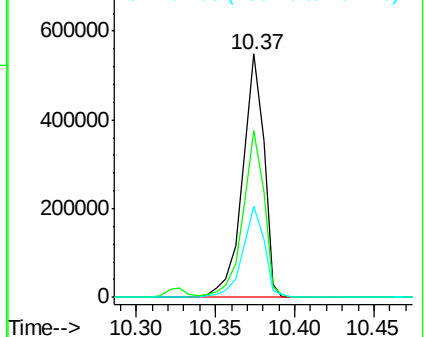
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.806 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

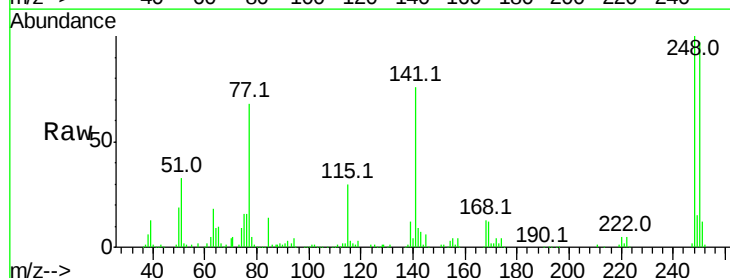
Tgt Ion:248 Resp: 163351

Ion Ratio Lower Upper

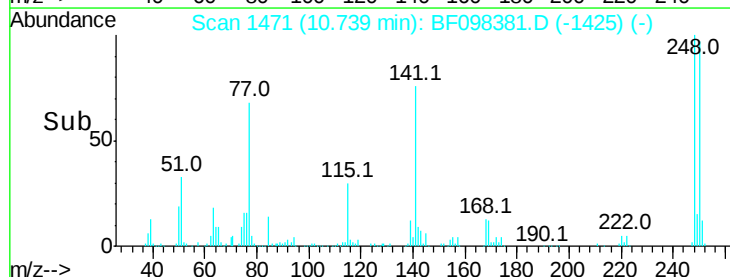
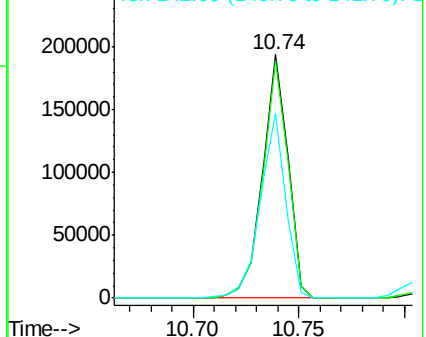
248 100

250 97.4 76.8 115.2

141 76.0 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: 40.561 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.04 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

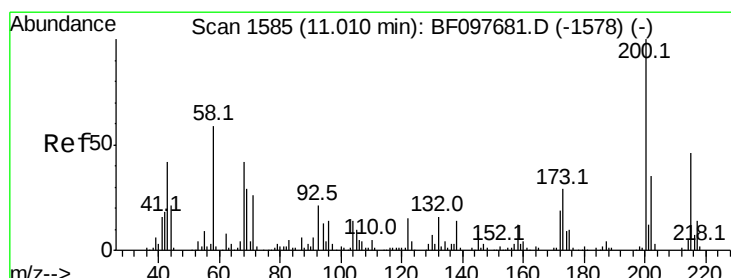
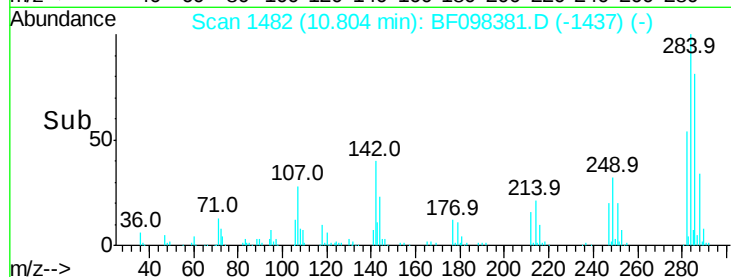
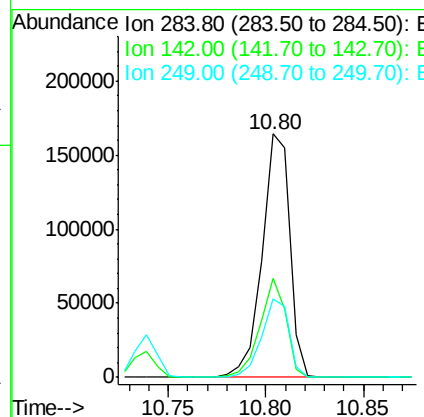
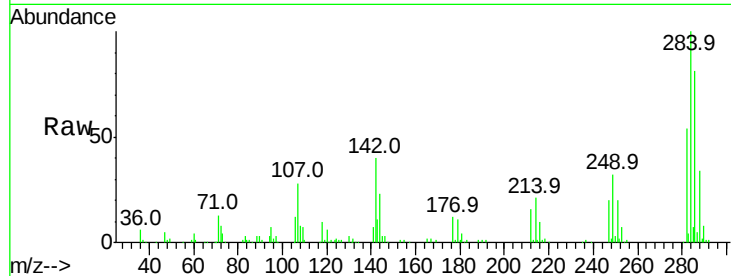
ClientSampleId :

PB102149BS

Tot Ion:	284	Resp:	161540
Ion Ratio		Lower	Upper
284	100		
142	40.5	22.8	34.2#
249	32.2	24.0	36.0

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#68

Atrazine

Concen: 45.870 ng

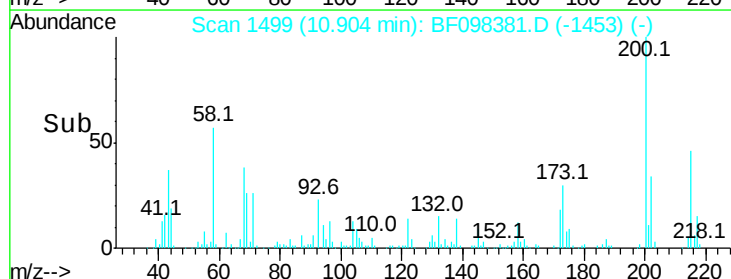
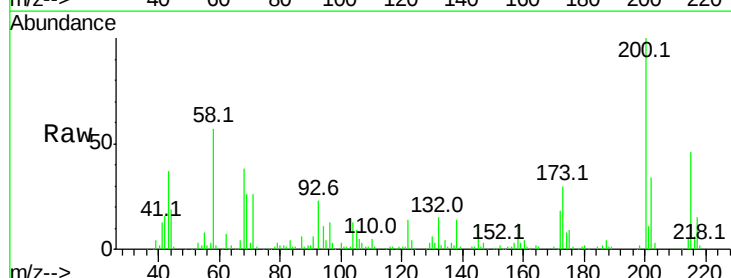
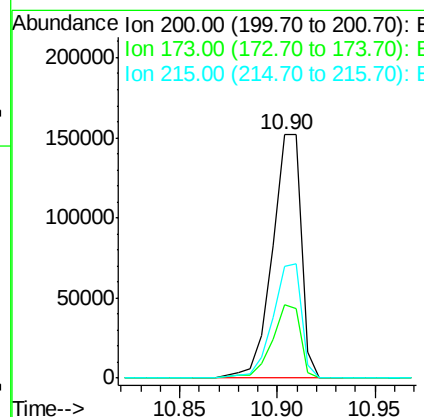
RT: 10.90 min Scan# 1499

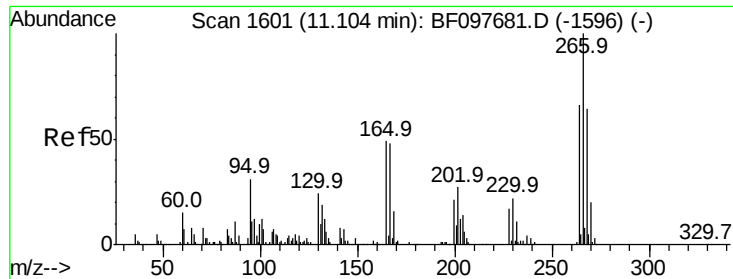
Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:	200	Resp:	155872
Ion Ratio		Lower	Upper
200	100		
173	30.3	6.3	46.3
215	45.8	27.2	67.2





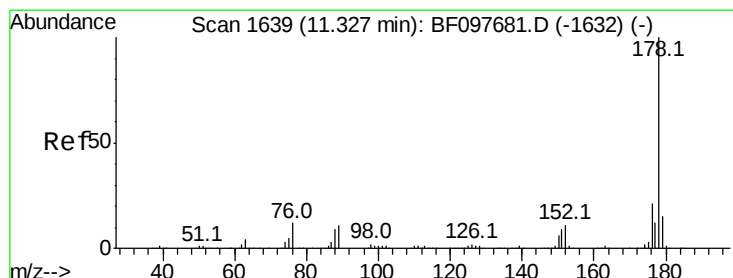
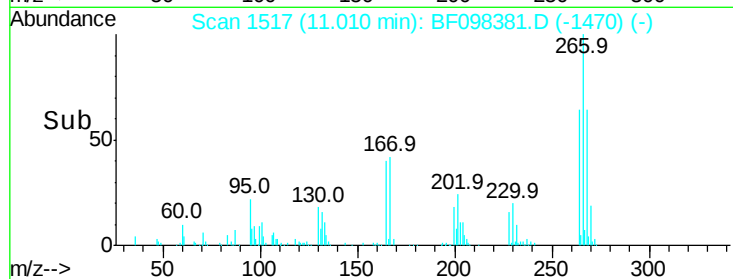
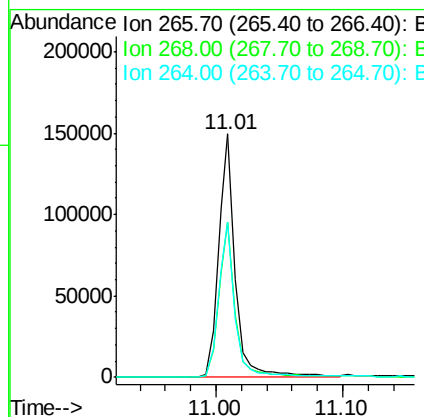
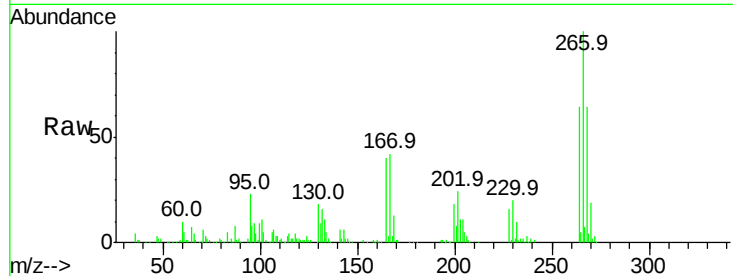
#69
 Pentachlorophenol
 Concen: 59.936 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	139179		
268	64.0		51.1	76.7
264	63.6		51.7	77.5

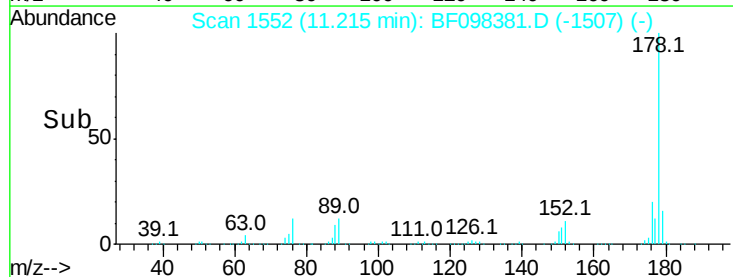
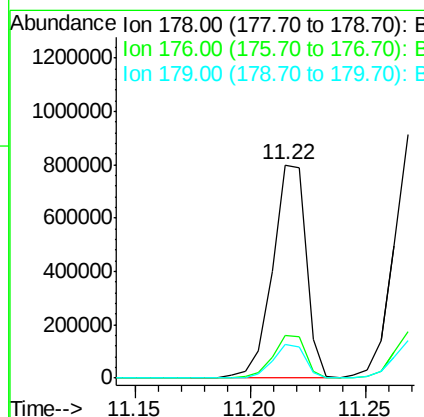
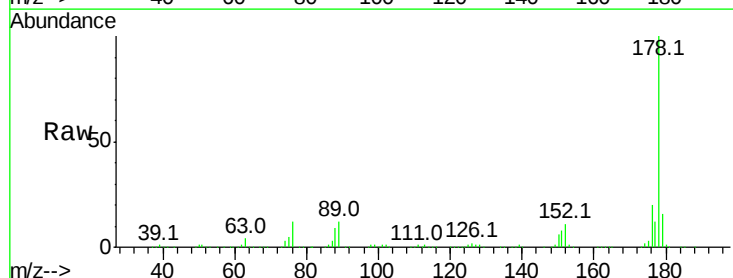
Manual Integrations
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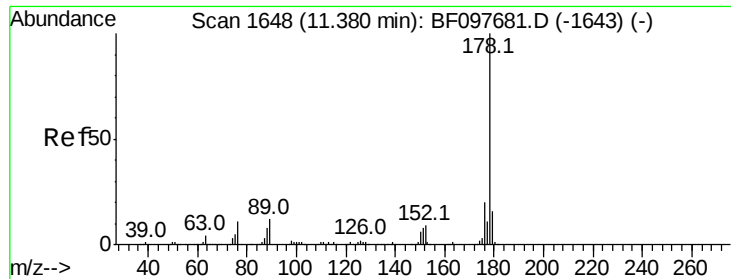
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#70
 Phenanthrene
 Concen: 40.211 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	806262		
176	20.2		16.2	24.4
179	15.6		12.6	19.0





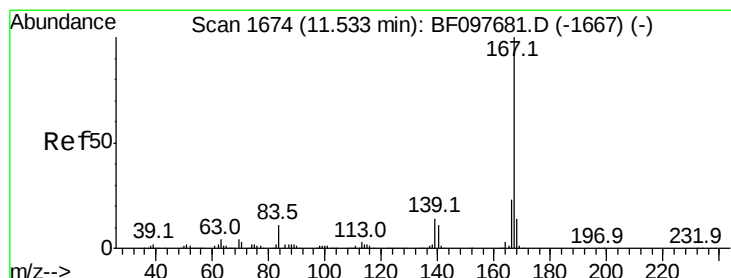
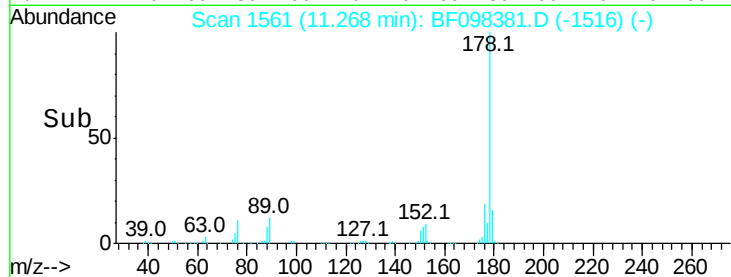
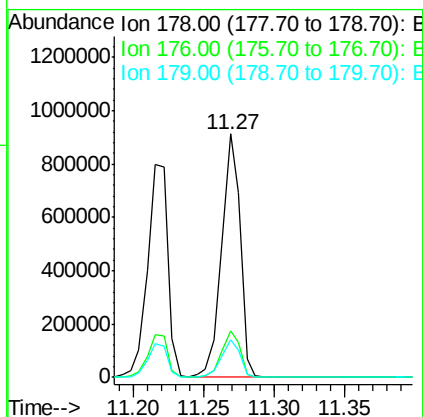
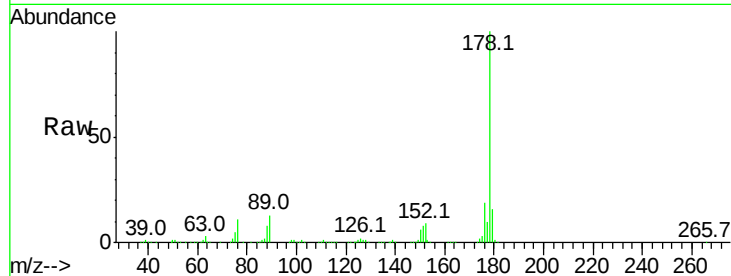
#71
 Anthracene
 Concen: 40.997 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.7	19.1

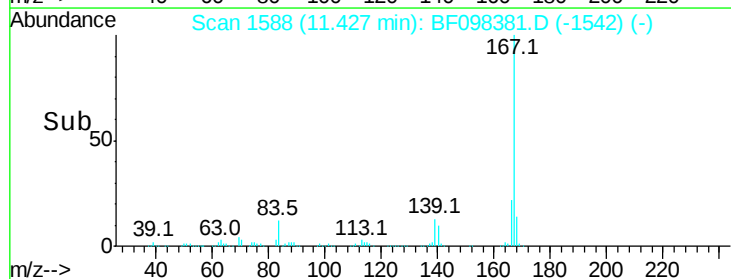
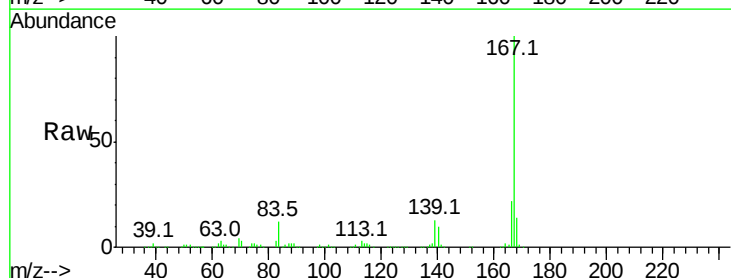
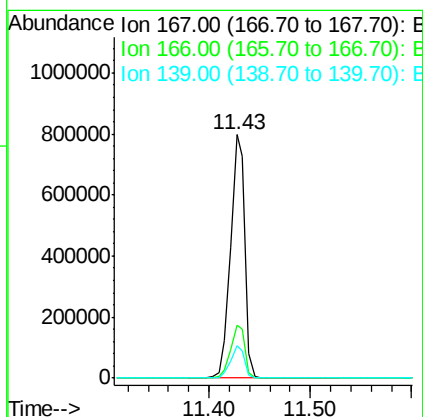
Manual Integrations
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#72
 Carbazole
 Concen: 40.252 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.2	11.7	17.5





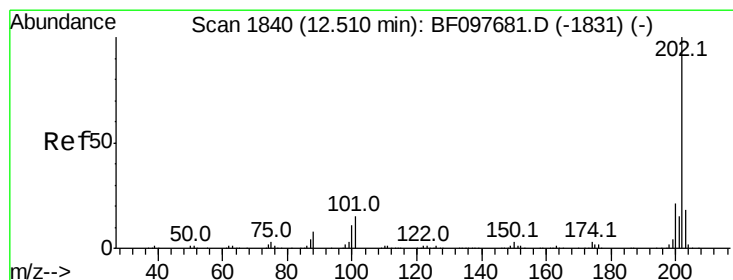
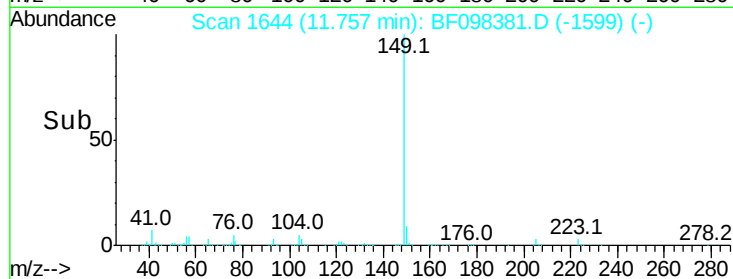
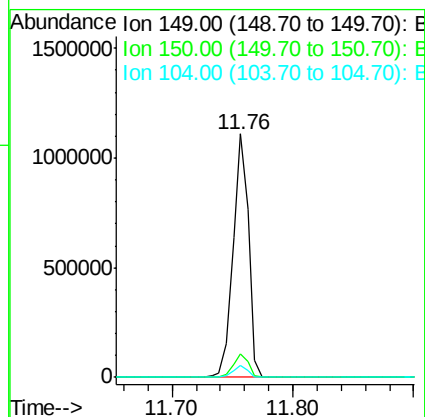
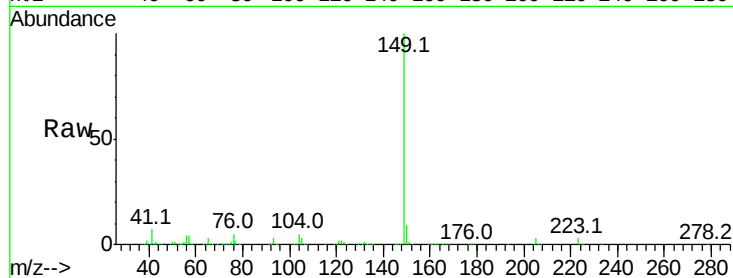
#73
Di-n-butylphthalate
Concen: 44.187 ng
RT: 11.76 min Scan# 1644
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion:	149	Resp:	982509
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.0	4.0	6.0

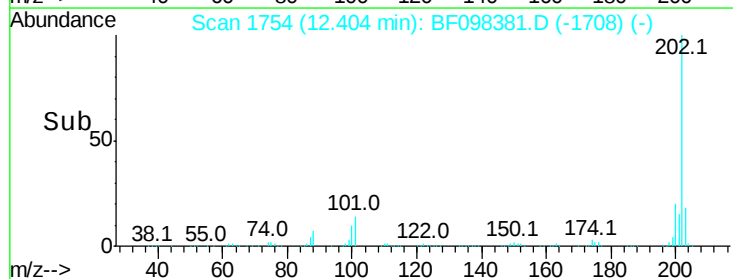
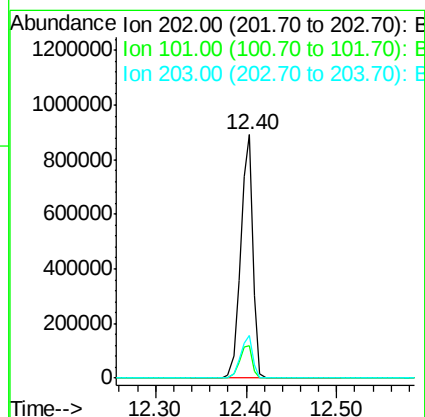
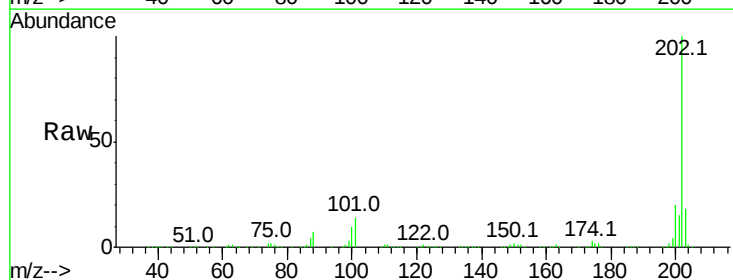
Manual Integrations
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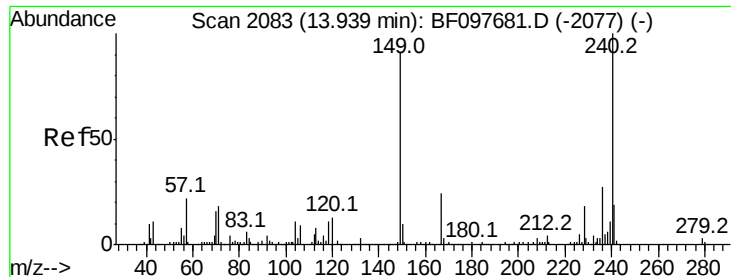
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#74
Fluoranthene
Concen: 40.763 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion:	202	Resp:	853105
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

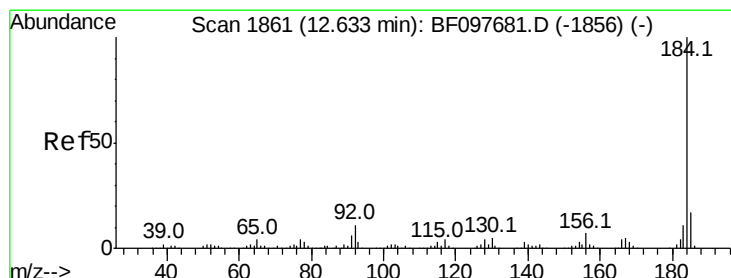
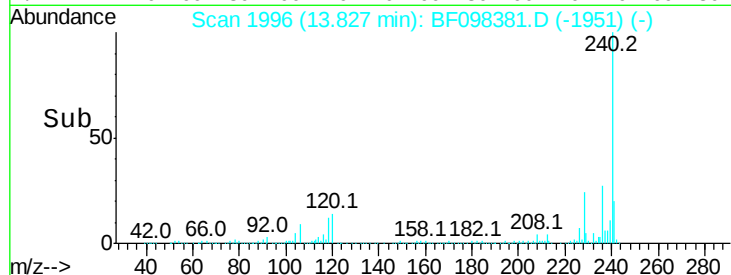
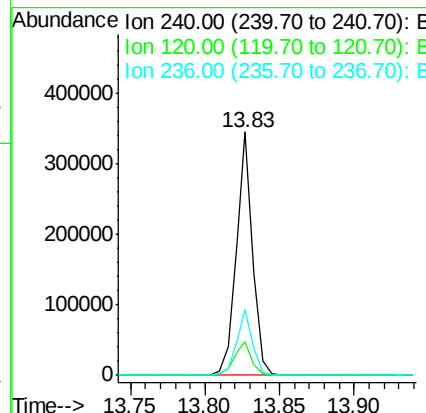
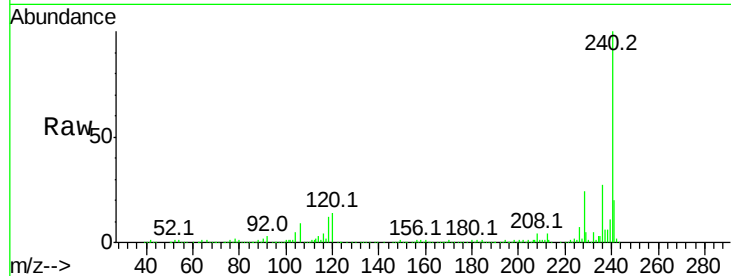
ClientSampled :

PB102149BS

Tot Ion:240 Resp: 266141
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 26.8 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 44.837 ng

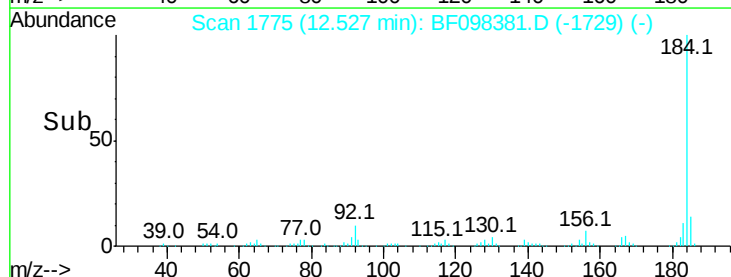
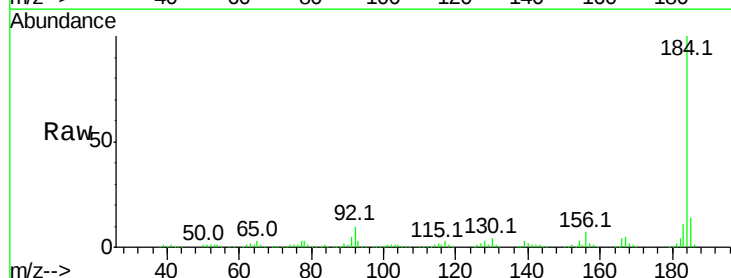
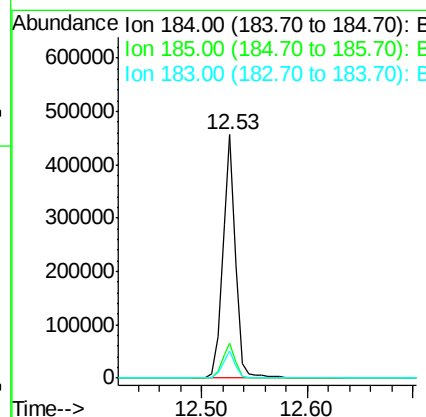
RT: 12.53 min Scan# 1775

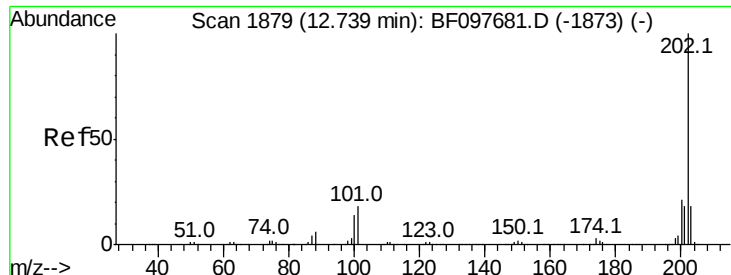
Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Tgt Ion:184 Resp: 391256
 Ion Ratio Lower Upper
 184 100
 185 14.3 15.5 23.3#
 183 11.4 9.8 14.6





#77

Pvrene

Concen: 39.449 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.03 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

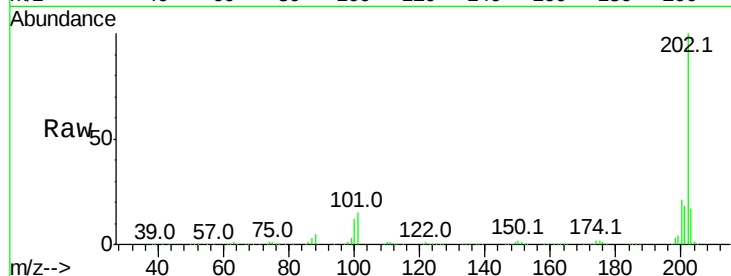
ClientSampled :

PB102149BS

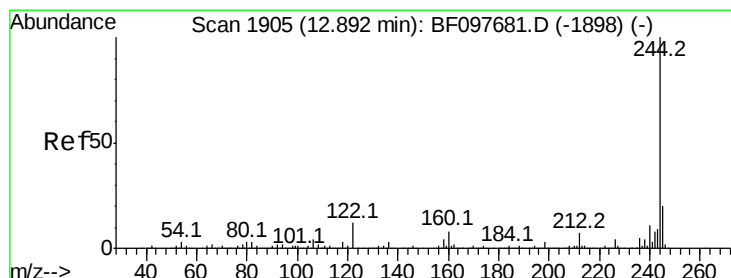
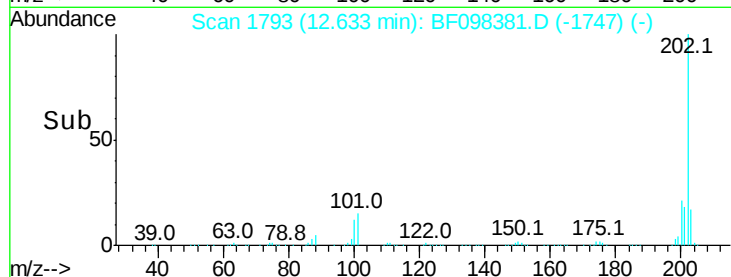
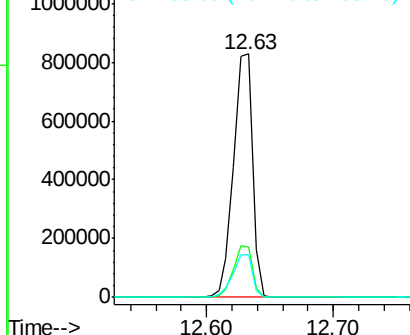
Tot Ion:	202	Resp:	858695
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.6	26.4
203	17.3	14.4	21.6

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



#78

Terphenyl-d14

Concen: 76.580 ng

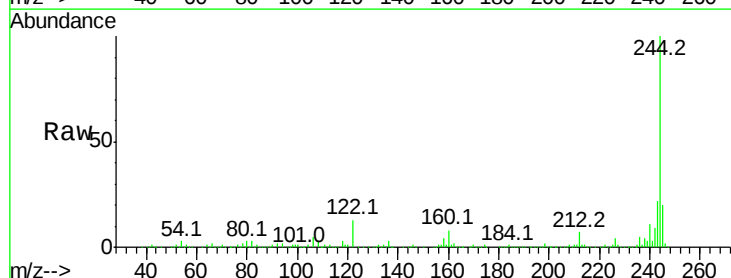
RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

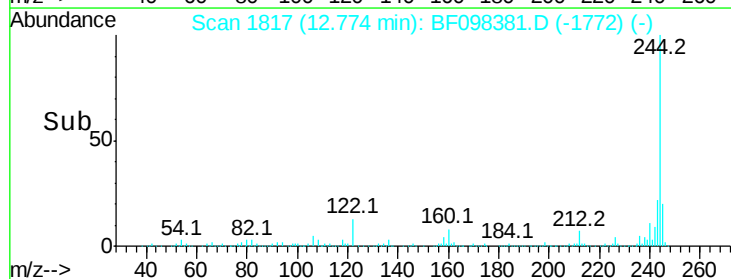
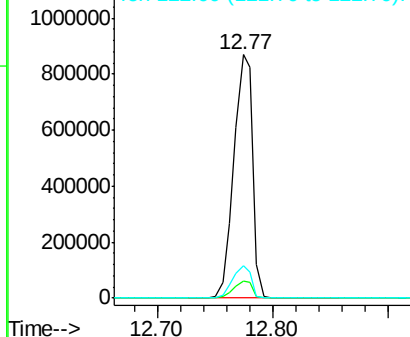
Lab File: BF098381.D

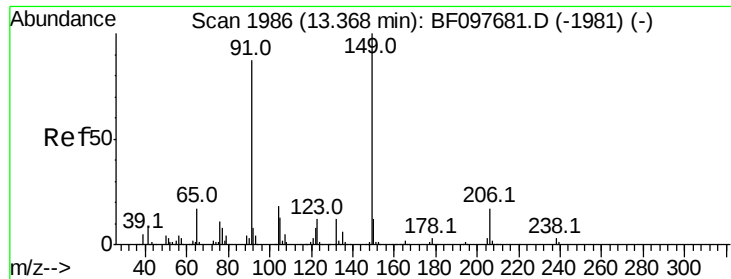
Acq: 9 Sep 2017 13:06

Tgt Ion:	244	Resp:	977353
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.3	10.3	15.5



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





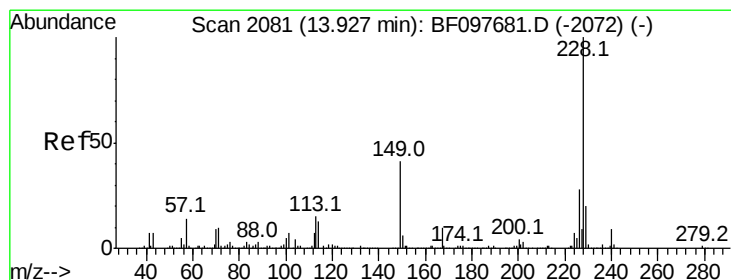
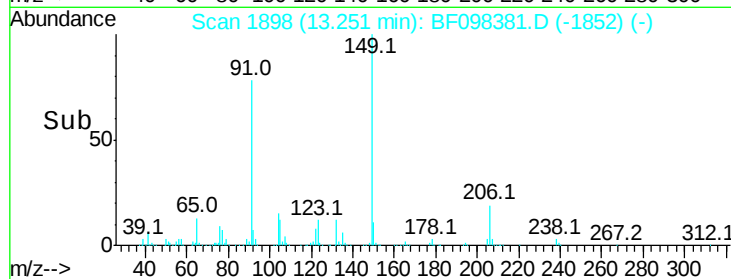
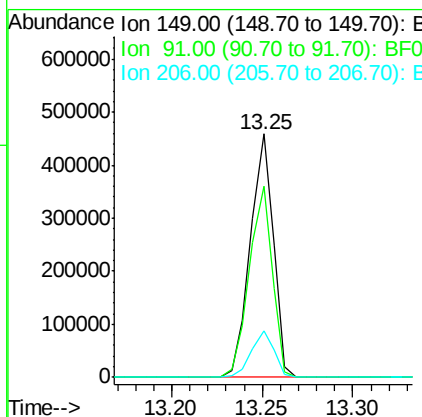
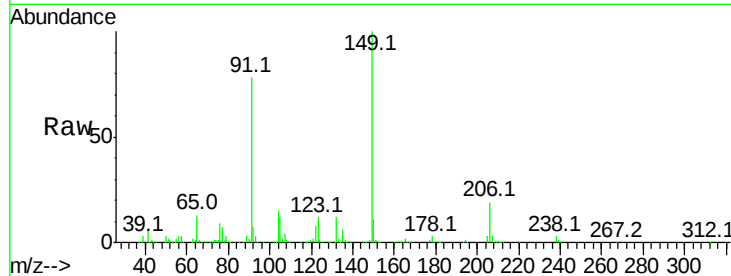
#79
Butylbenzylphthalate
Concen: 48.775 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.03 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.3	45.0	67.4#
206	19.0	17.0	25.6

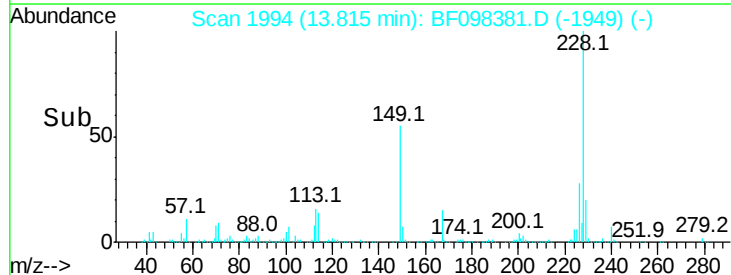
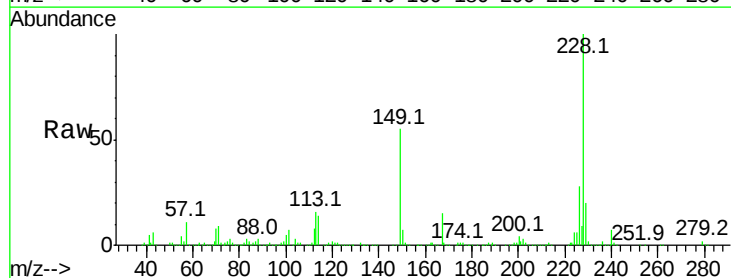
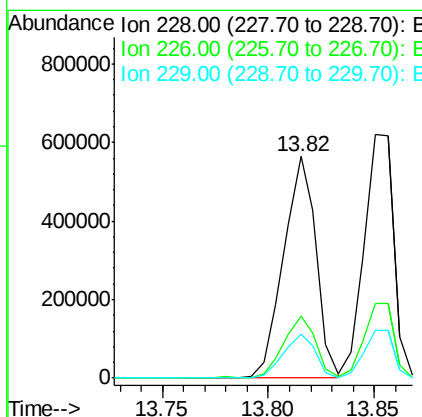
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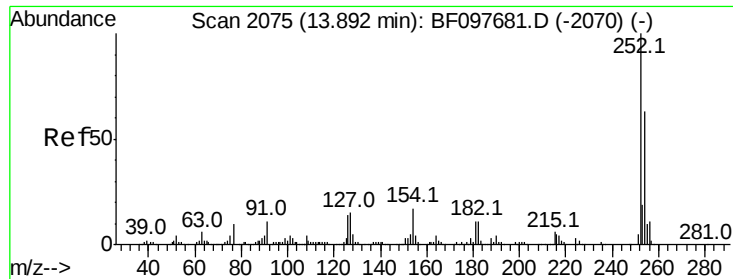
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#80
Benzo(a)anthracene
Concen: 37.853 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.8	16.3	24.5





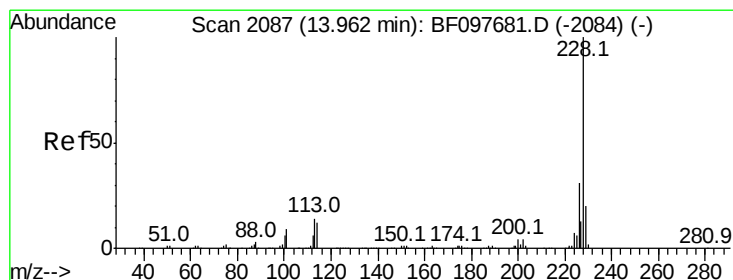
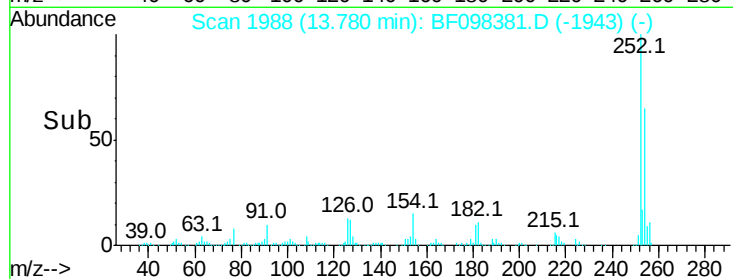
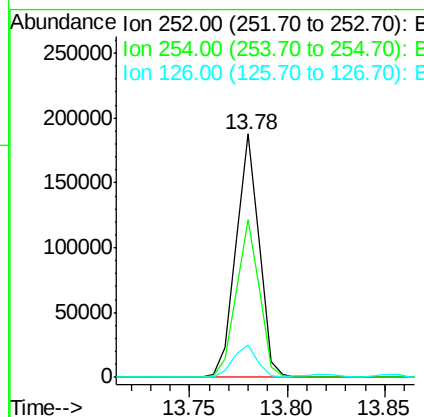
#81
 3,3'-Dichlorobenzidine
 Concen: 28.727 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	51.5	77.3
126	13.2	15.8	23.8

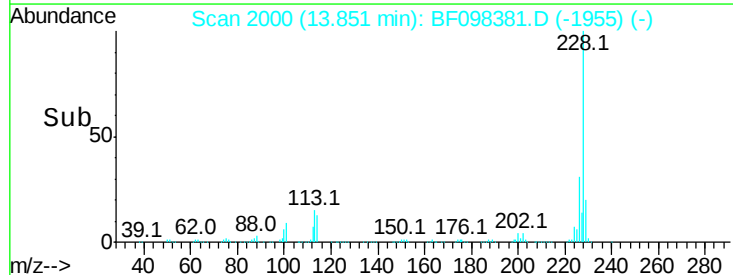
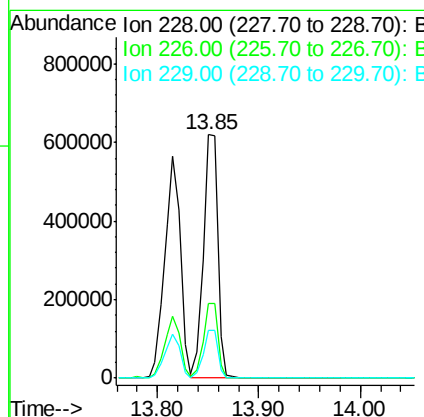
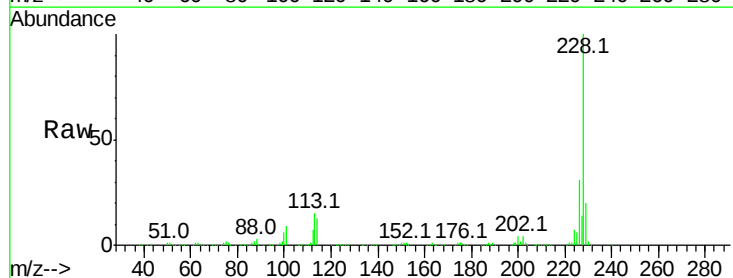
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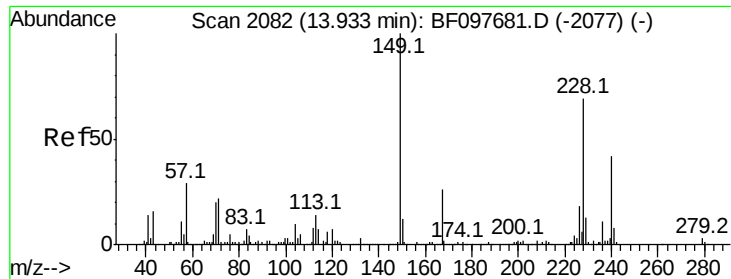
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#82
 Chrysene
 Concen: 38.693 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.6	15.8	23.6





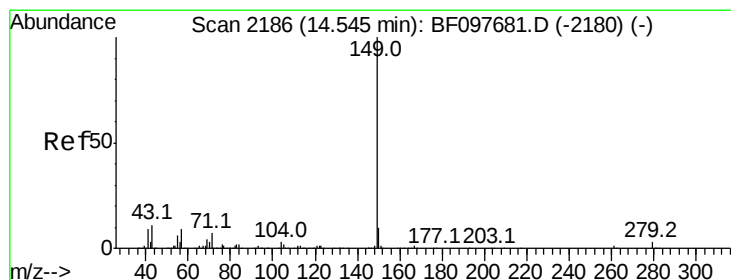
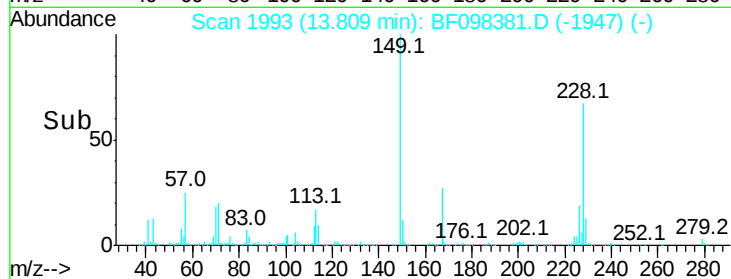
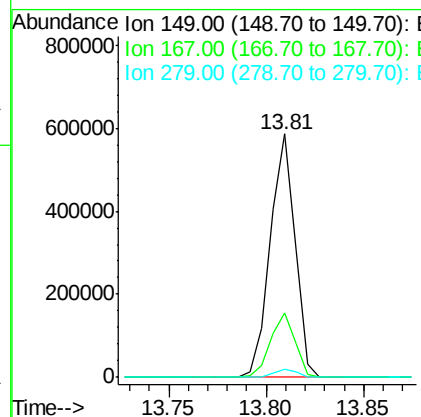
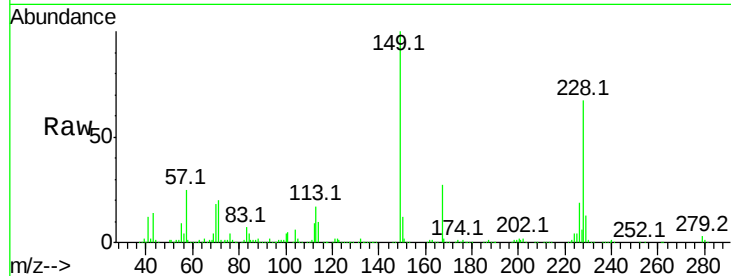
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.022 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.6	21.0	31.4
279	3.4	1.9	2.9

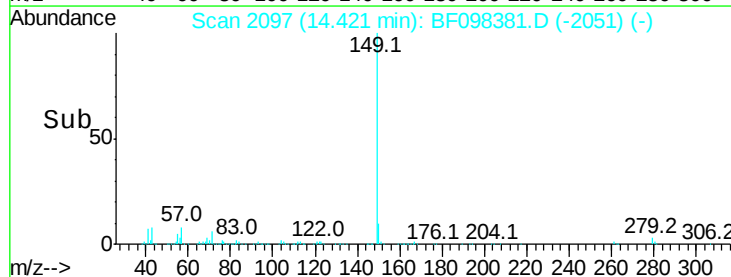
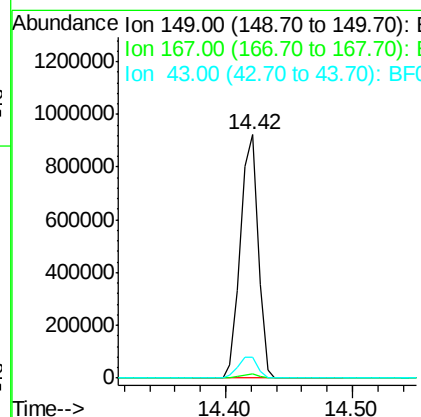
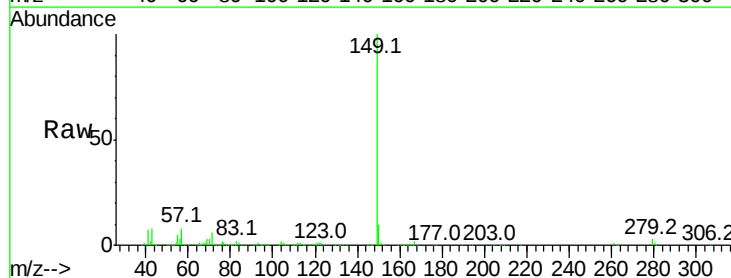
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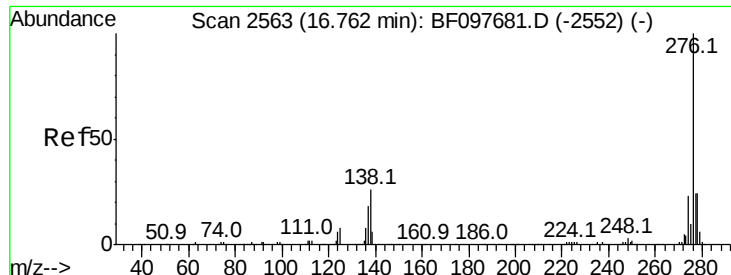
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#84
 Di-n-octyl phthalate
 Concen: 55.041 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	9.1	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.845 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.06 min

Lab File: BF098381.D

Acq: 9 Sep 2017 13:06

Instrument :

BNA_F

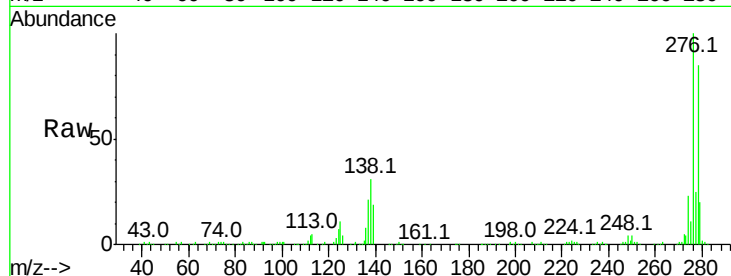
ClientSampleId :

PB102149BS

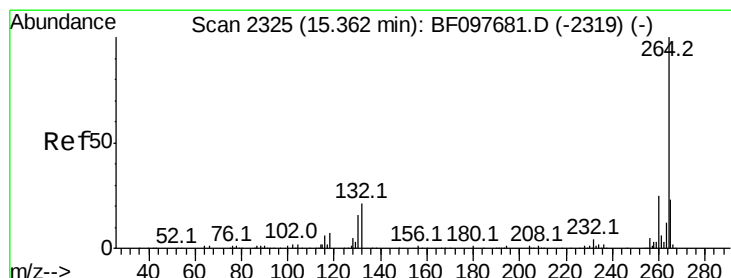
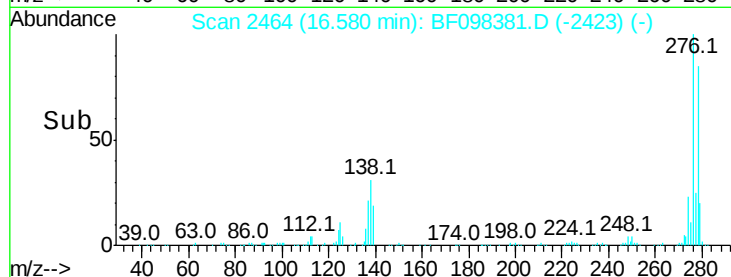
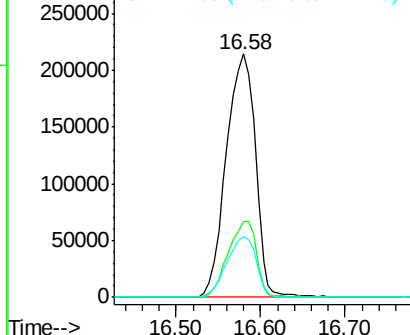
Tot Ion:	276	Resp:	511788
Ion Ratio	Lower	Upper	
276	100		
138	30.3	27.8	41.6
277	25.1	20.2	30.4

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



#86

Perylene-d12

Concen: 20.000 ng

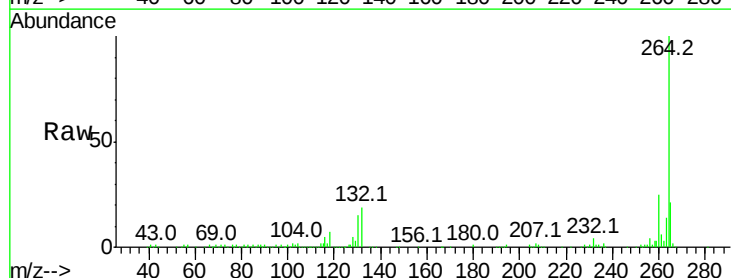
RT: 15.23 min Scan# 2234

Delta R.T. -0.04 min

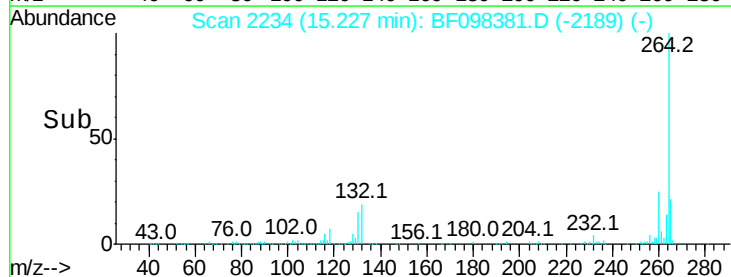
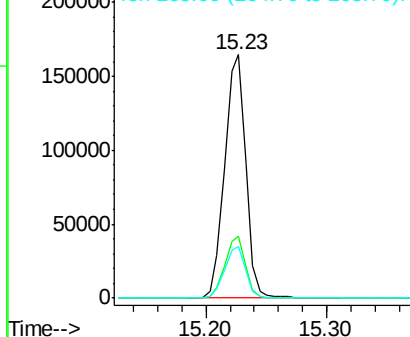
Lab File: BF098381.D

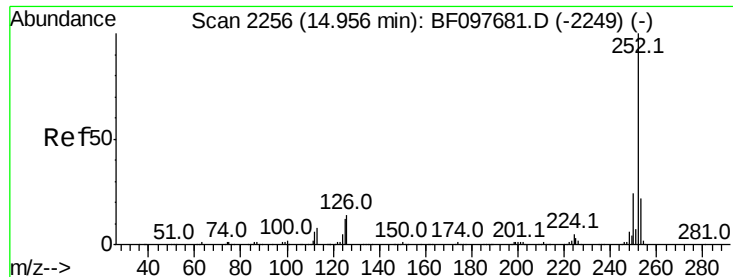
Acq: 9 Sep 2017 13:06

Tgt Ion:	264	Resp:	198728
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.5	29.3
265	21.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





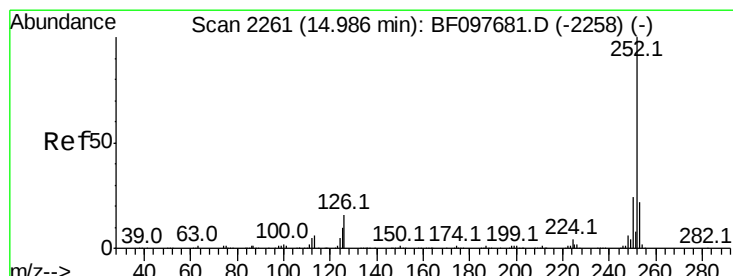
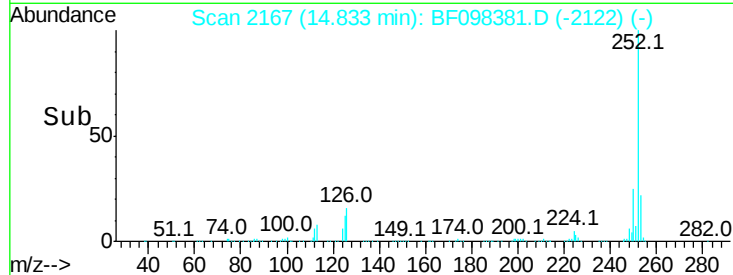
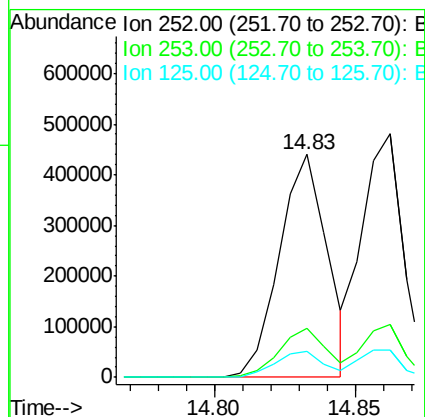
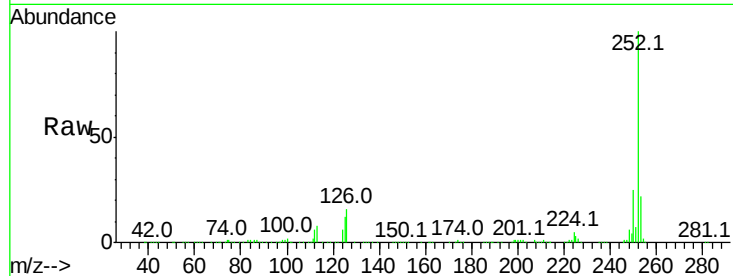
#87
Benzo(b)fluoranthene
Concen: 41.410 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.7	9.8	14.8

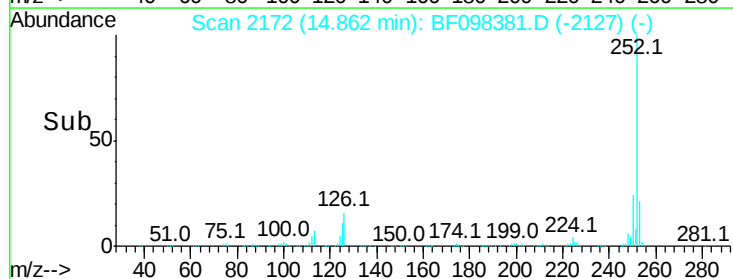
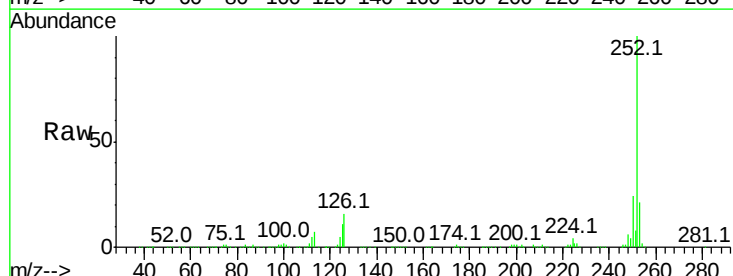
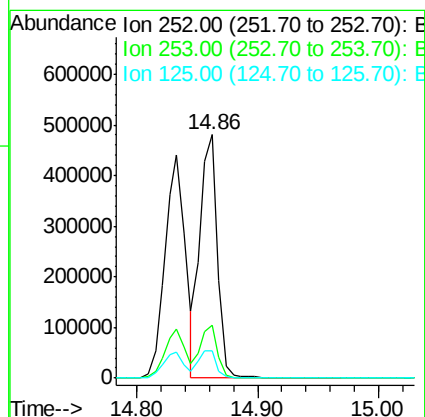
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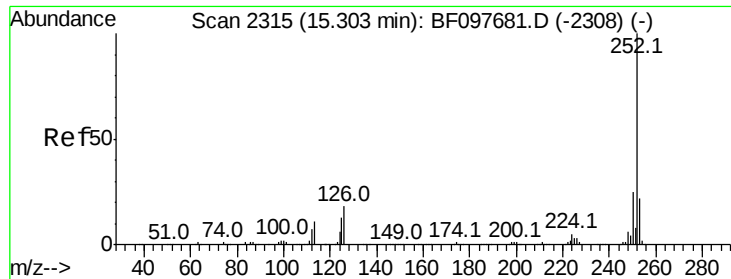
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#88
Benzo(k)fluoranthene
Concen: 41.217 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	11.2	13.1	19.7#





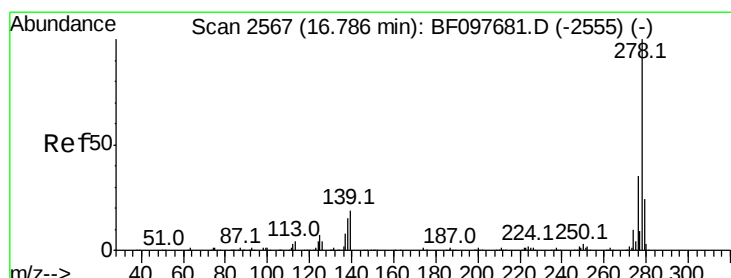
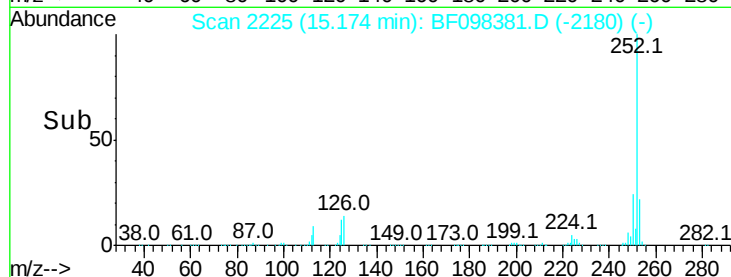
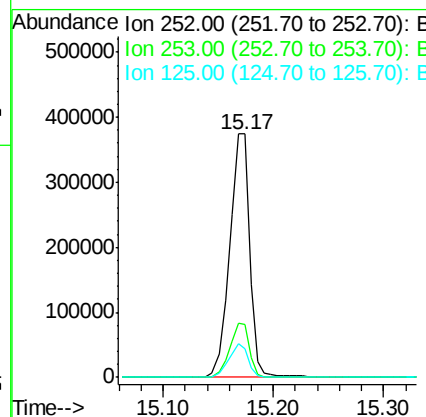
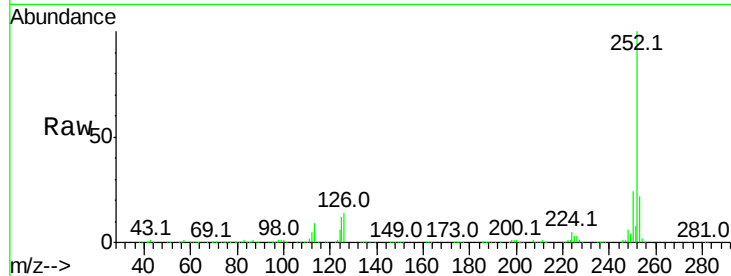
#89
Benzo(a)pyrene
Concen: 43.077 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.6	11.0	16.4

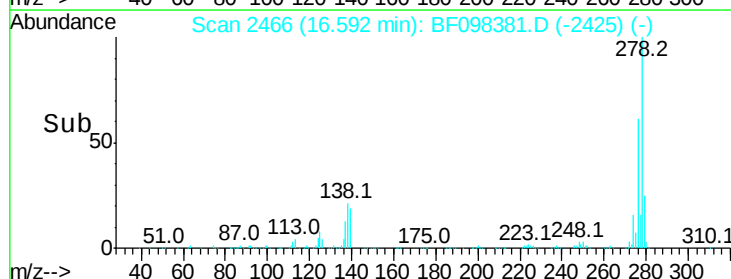
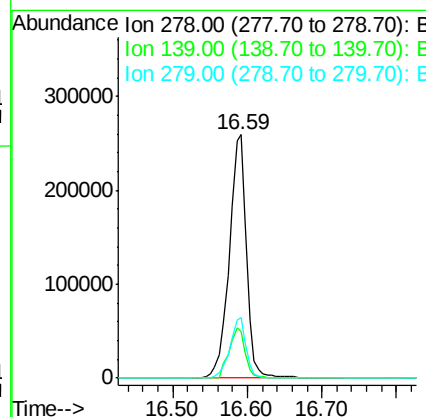
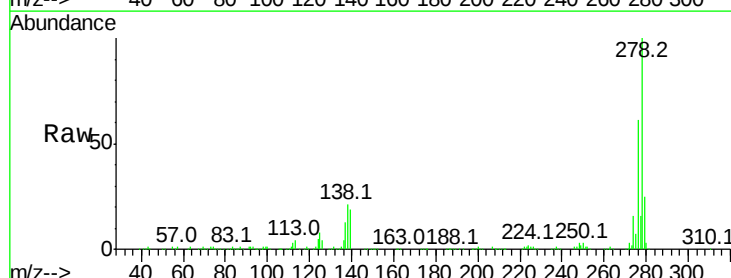
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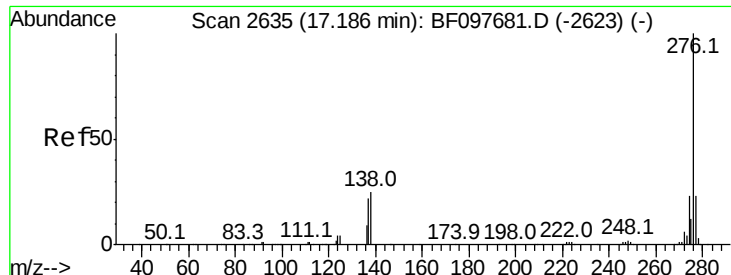
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#90
Dibenzo(a,h)anthracene
Concen: 46.591 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.06 min
Lab File: BF098381.D
Acq: 9 Sep 2017 13:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.6	24.8
279	24.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.830 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.07 min
 Lab File: BF098381.D
 Acq: 9 Sep 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	27.2	25.4	38.0

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