

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106815.D
 Acq On : 26 Jun 2018 11:58
 Operator : JU/SJ
 Sample : PB110533BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:13:52 PM

Quant Time: Jun 26 14:27:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	48198	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	188216	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	102729	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	209907	20.00	ng	0.00
75) Chrysene-d12	14.15	240	152870	20.00	ng	-0.01
86) Perylene-d12	15.70	264	134563	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	287026	100.84	ng	0.01
7) Phenol-d6	6.61	99	361705	101.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	231665	68.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	139096	116.82	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	459704	73.80	ng	0.00
78) Terphenyl-d14	13.08	244	572826	90.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	39680	27.116	ng	99
3) Pyridine	3.67	79	115943	29.214	ng	97
4) n-Nitrosodimethylamine	3.62	42	46482	27.576	ng	82
6) Aniline	6.62	93	82660	17.143	ng	# 22
8) 2-Chlorophenol	6.75	128	109496	35.073	ng	98
9) Benzaldehyde	6.51	77	73521	28.009	ng	99
10) Phenol	6.62	94	131089	32.315	ng	87
11) bis(2-Chloroethyl)ether	6.70	93	107829	32.198	ng	99
12) 1,3-Dichlorobenzene	6.90	146	126820	34.684	ng	98
13) 1,4-Dichlorobenzene	6.98	146	128866	34.860	ng	98
14) 1,2-Dichlorobenzene	7.13	146	119876	35.384	ng	98
15) Benzyl Alcohol	7.10	79	94943	33.265	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	152949	34.809	ng	78
17) 2-Methylphenol	7.22	107	93419	34.967	ng	# 93
18) Hexachloroethane	7.47	117	44036	33.874	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	75079	32.043	ng	94
20) 3+4-Methylphenols	7.37	107	117700	39.420	ng	# 73
22) Acetophenone	7.37	105	150423	35.723	ng	# 97
24) Nitrobenzene	7.54	77	117030	33.846	ng	98
25) Isophorone	7.78	82	216758	36.320	ng	98
26) 2-Nitrophenol	7.86	139	62511	38.296	ng	95
27) 2,4-Dimethylphenol	7.90	122	101097	40.070	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	137729	34.371	ng	98
29) 2,4-Dichlorophenol	8.11	162	103240	39.085	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	111069	38.171	ng	98
31) Naphthalene	8.27	128	322776	36.681	ng	100
32) Benzoic acid	8.03	122	65086	36.962	ng	96
33) 4-Chloroaniline	8.31	127	30902	8.369	ng	97
34) Hexachlorobutadiene	8.37	225	73495	38.763	ng	100
35) Caprolactam	8.70	113	29082m	33.776	ng	
36) 4-Chloro-3-methylphenol	8.81	107	104936	37.743	ng	98
37) 2-Methylnaphthalene	8.96	142	239788	41.111	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	124745	36.058	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	114321	64.227	ng	100

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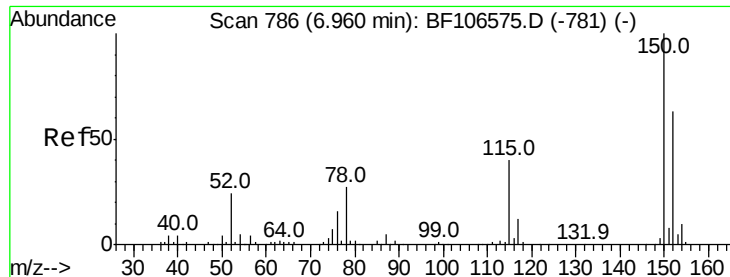
Manual Integrations
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Quant Time: Jun 26 14:27:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	76977	33.473	nq	92
43) 2,4,5-Trichlorophenol	9.24	196	76977	32.079	nq	89
45) 1,1'-Biphenyl	9.42	154	290795	35.519	nq	99
46) 2-Chloronaphthalene	9.45	162	214408	33.271	nq	97
47) 2-Nitroaniline	9.55	65	65691	30.314	nq	97
48) Acenaphthylene	9.87	152	345550	33.963	nq	99
49) Dimethylphthalate	9.72	163	259281	33.652	nq	99
50) 2,6-Dinitrotoluene	9.79	165	60664	37.183	nq #	80
51) Acenaphthene	10.04	154	208396	32.527	nq	98
52) 3-Nitroaniline	9.96	138	32744	17.441	nq	95
53) 2,4-Dinitrophenol	10.07	184	57054	68.112	nq #	19
54) Dibenzofuran	10.21	168	324830	37.026	nq	95
55) 4-Nitrophenol	10.14	139	70136	53.519	nq	96
56) 2,4-Dinitrotoluene	10.20	165	80644	37.868	nq	87
57) Fluorene	10.55	166	252551	36.277	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	74557	39.087	nq #	79
59) Diethylphthalate	10.42	149	246646	33.167	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	133172	36.560	nq #	81
61) 4-Nitroaniline	10.58	138	56086	30.101	nq	96
62) Azobenzene	10.70	77	234769	32.059	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	45288	34.903	nq #	72
65) n-Nitrosodiphenylamine	10.66	169	220558	31.239	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	92422	36.893	nq #	83
67) Hexachlorobenzene	11.10	284	96209	36.694	nq #	86
68) Atrazine	11.19	200	79991	35.639	nq	94
69) Pentachlorophenol	11.30	266	82061	62.725	nq	98
70) Phenanthrene	11.52	178	377657	37.302	nq	99
71) Anthracene	11.58	178	386904	37.440	nq	100
72) Carbazole	11.73	167	328553	33.959	nq	98
73) Di-n-butylphthalate	12.04	149	390454	34.256	nq	98
74) Fluoranthene	12.71	202	405399	36.330	nq	96
76) Benzidine	12.83	184	87784	20.163	nq	98
77) Pyrene	12.95	202	402706	39.948	nq	99
79) Butylbenzylphthalate	13.55	149	150395	36.286	nq #	92
80) Benzo(a)anthracene	14.14	228	336960	36.166	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	73275	22.377	nq #	96
82) Chrysene	14.18	228	316547	36.930	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	195814	36.954	nq	98
84) Di-n-octyl phthalate	14.74	149	298216	34.526	nq #	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	333424	45.837	nq #	89
87) Benzo(b)fluoranthene	15.24	252	300999	36.009	nq #	96
88) Benzo(k)fluoranthene	15.27	252	258452	32.468	nq #	96
89) Benzo(a)pyrene	15.64	252	272005	36.604	nq #	97
90) Dibenzo(a,h)anthracene	17.29	278	272617	43.289	nq #	93
91) Benzo(g,h,i)perylene	17.77	276	284612	46.238	nq #	89

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



#1

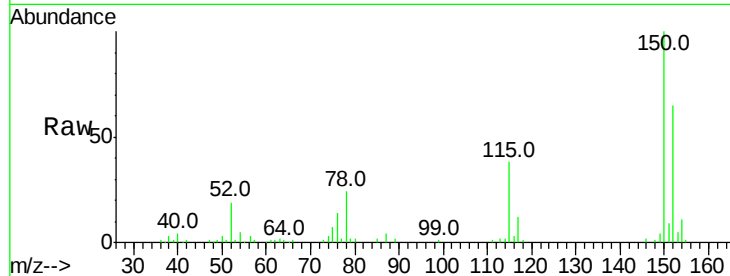
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

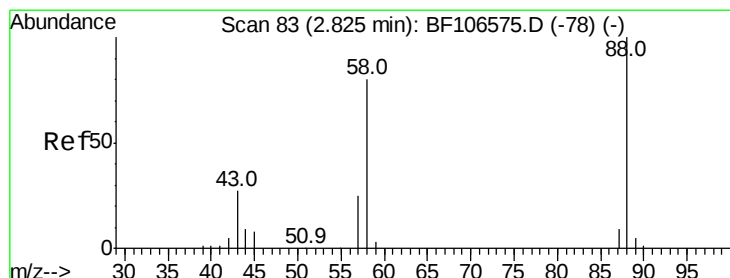
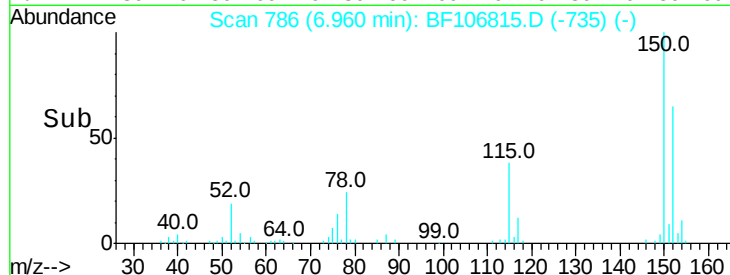
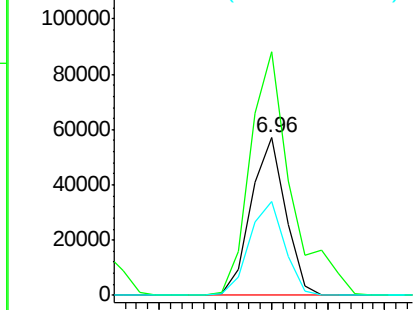
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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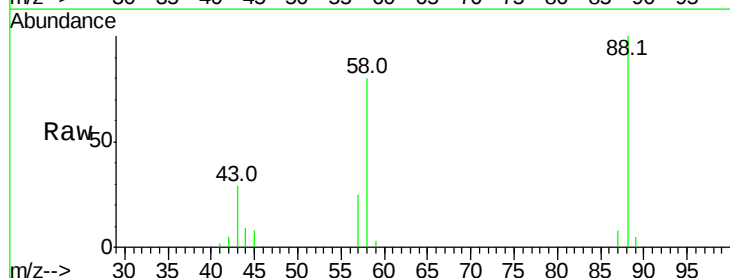
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



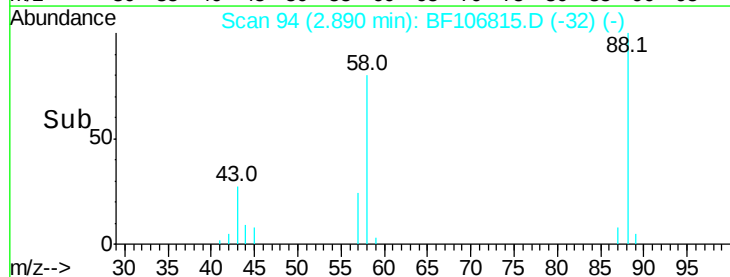
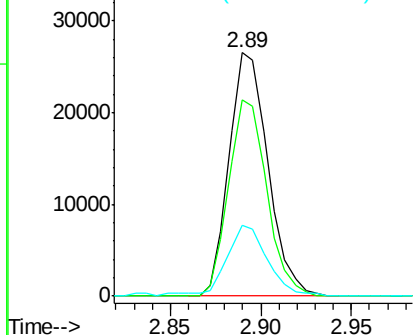
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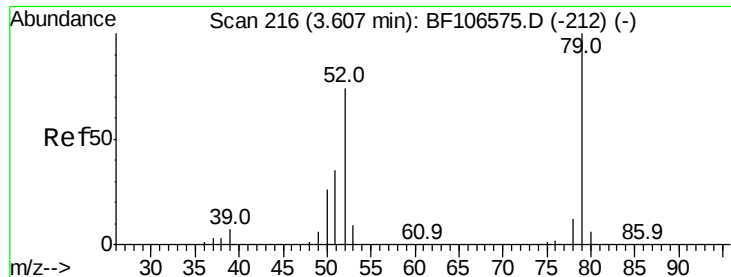
1,4-Dioxane
Concen: 27.116 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	62.6	93.8
43	31.0	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.214 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

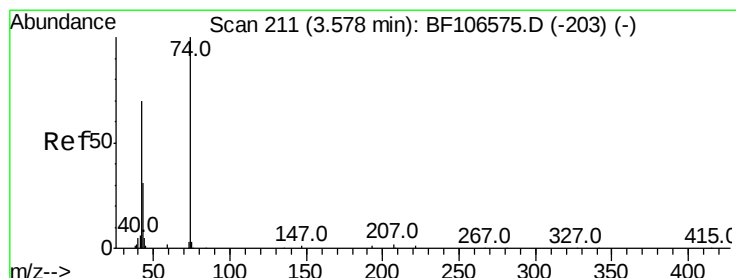
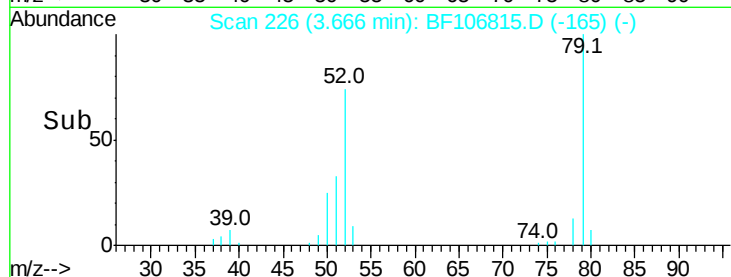
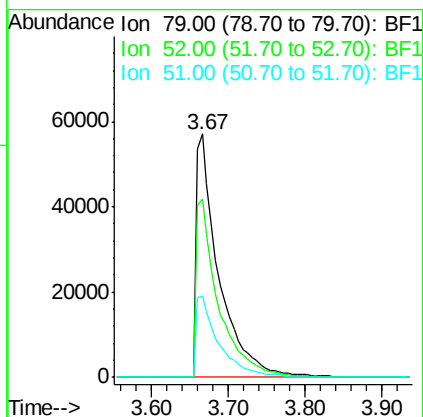
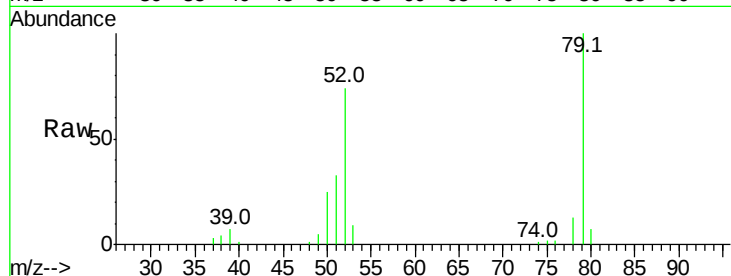
ClientSampleId :

PB110533BS

Tot Ion:	79	Resp:	115943
Ion Ratio	Lower	Upper	
79	100		
52	73.5	59.8	89.6
51	33.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 27.576 ng

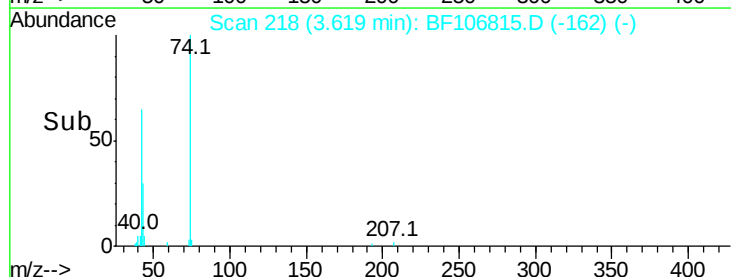
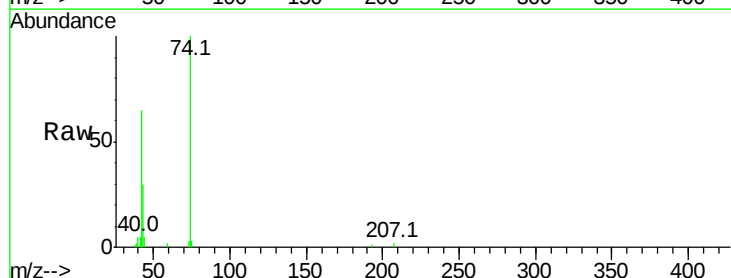
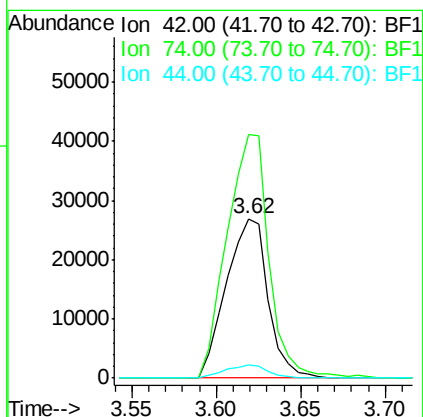
RT: 3.62 min Scan# 218

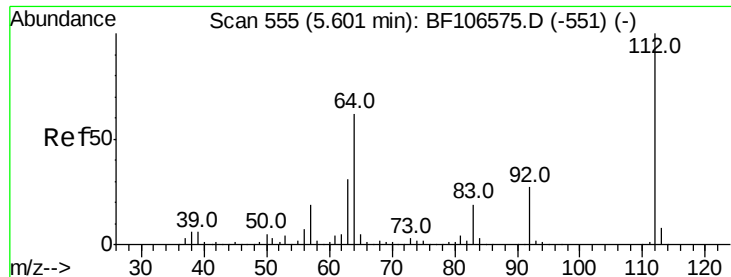
Delta R.T. 0.03 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	42	Resp:	46482
Ion Ratio	Lower	Upper	
42	100		
74	152.8	104.9	157.3
44	8.1	6.9	10.3





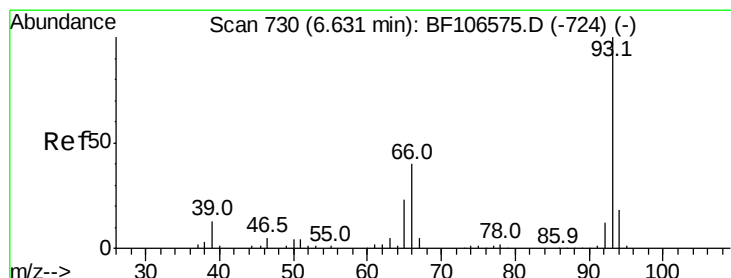
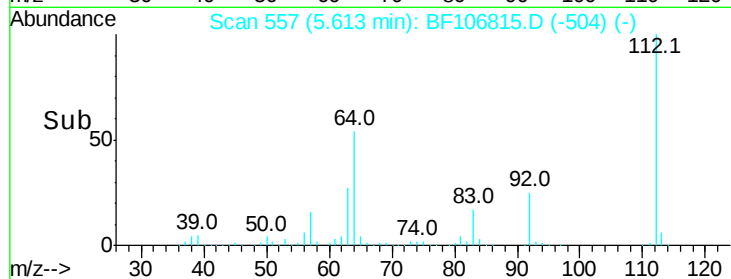
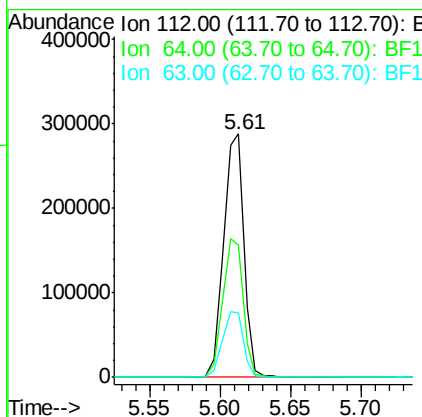
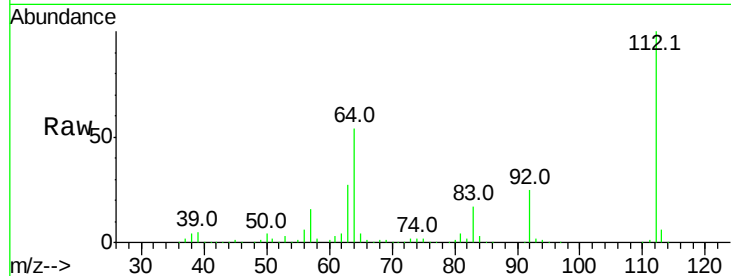
#5
2-Fluorophenol
Concen: 100.839 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.3	47.9	71.9
63	26.5	23.7	35.5

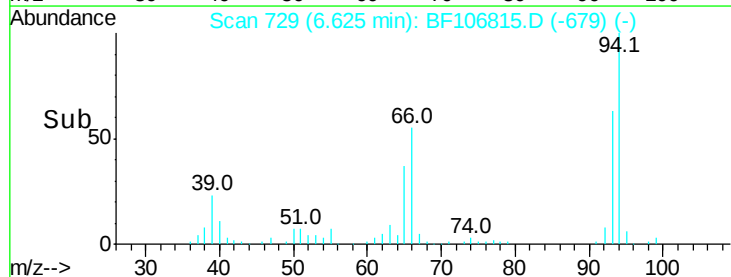
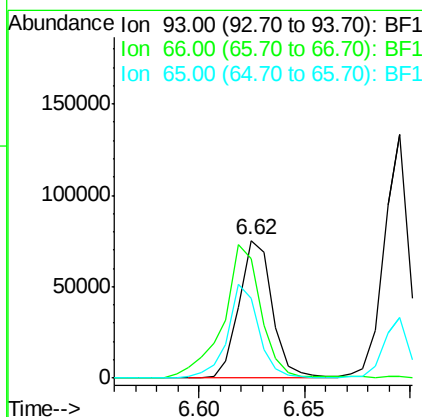
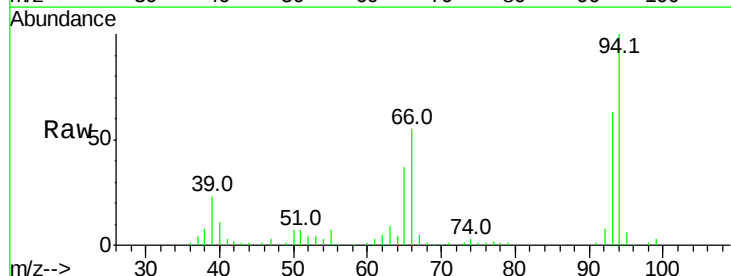
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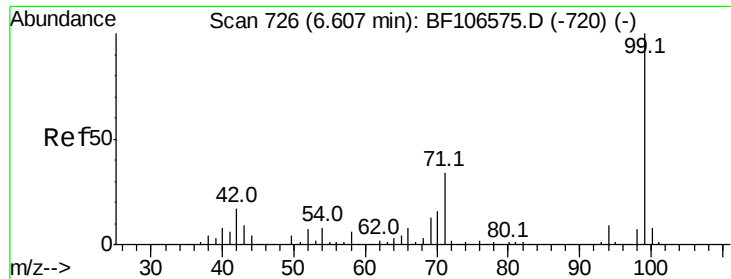
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#6
Aniline
Concen: 17.143 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	87.2	32.2	48.2#
65	57.9	16.4	24.6#





#7

Phenol-d6

Concen: 101.758 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

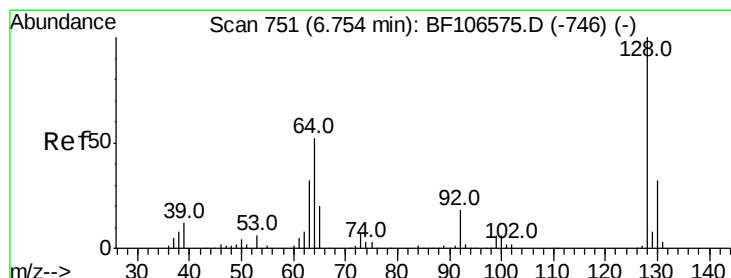
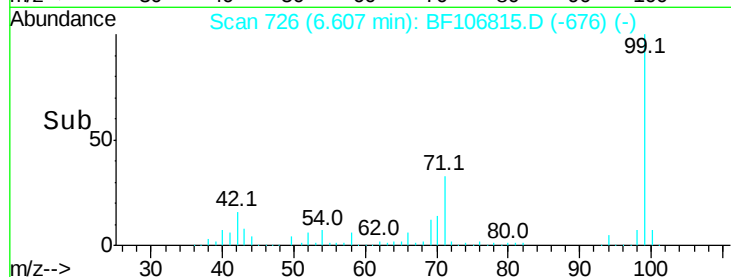
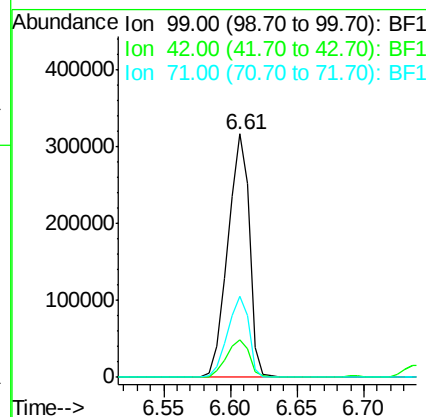
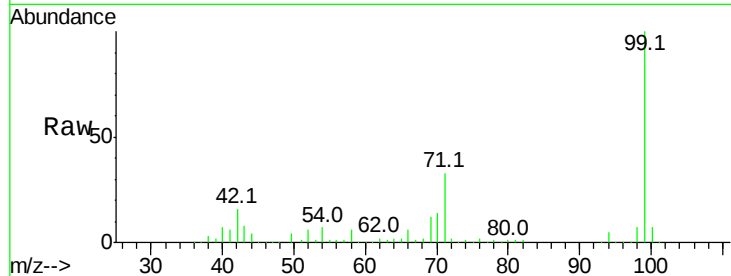
ClientSampleId :

PB110533BS

Tot Ion:	99	Resp:	361705
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	33.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 35.073 ng

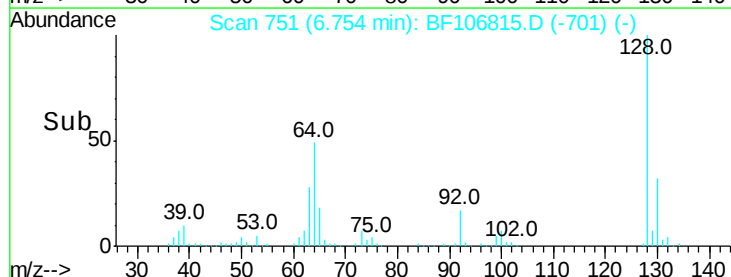
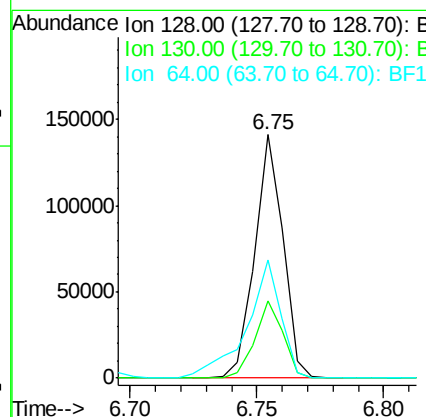
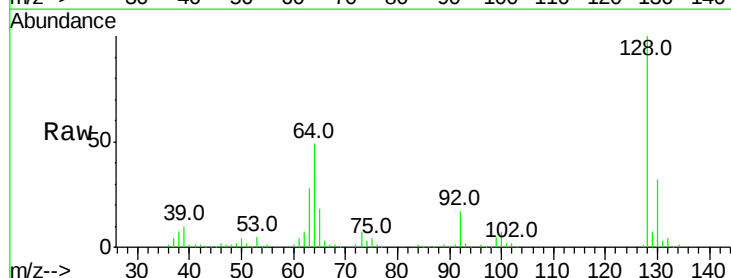
RT: 6.75 min Scan# 751

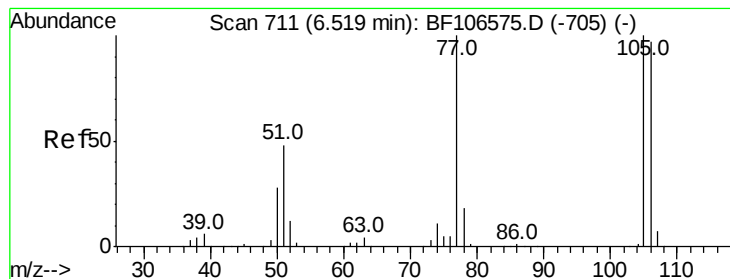
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	128	Resp:	109496
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.0	53.0
64	48.7	29.4	69.4





#9

Benzaldehyde

Concen: 28.009 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

ClientSampled :

PB110533BS

Tot Ion: 77 Resp: 73521

Ion Ratio Lower Upper

77 100

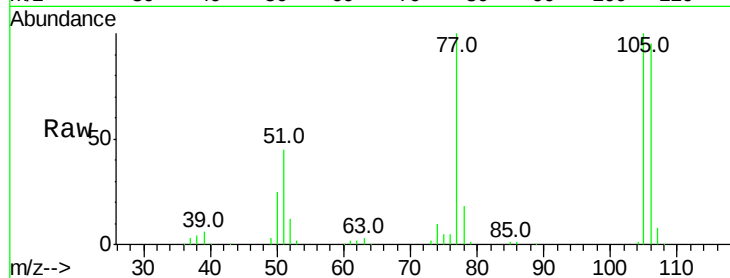
105 100.1 81.1 121.1

106 95.3 74.5 114.5

Manual Integrations
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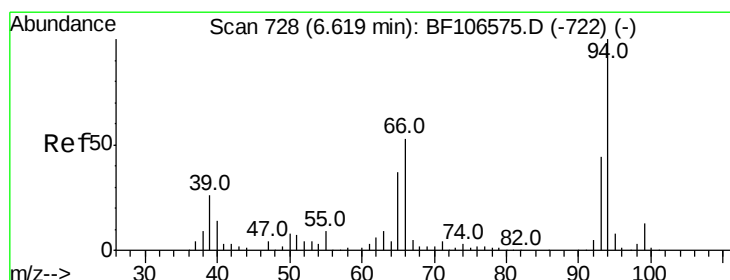
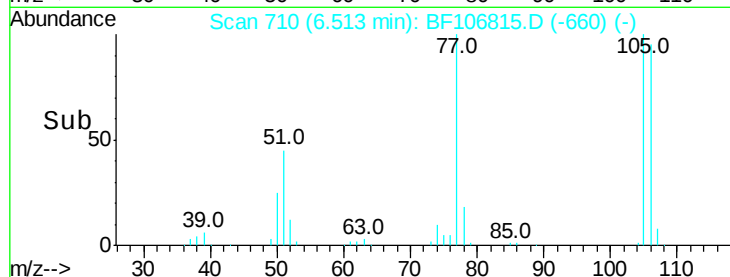
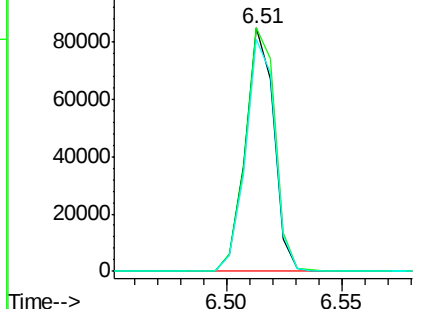
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.315 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

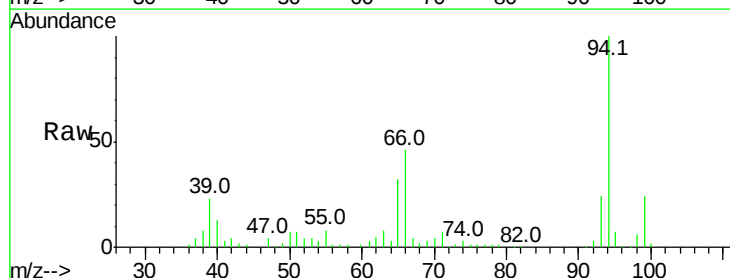
Tgt Ion: 94 Resp: 131089

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

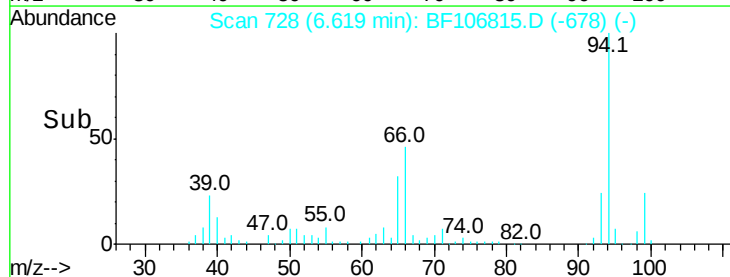
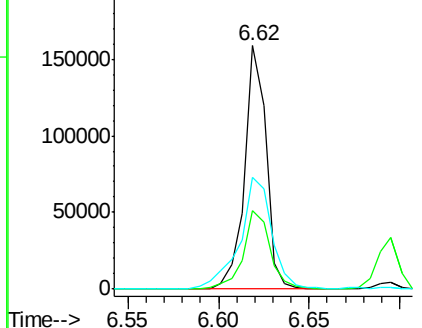
66 45.9 16.2 56.2

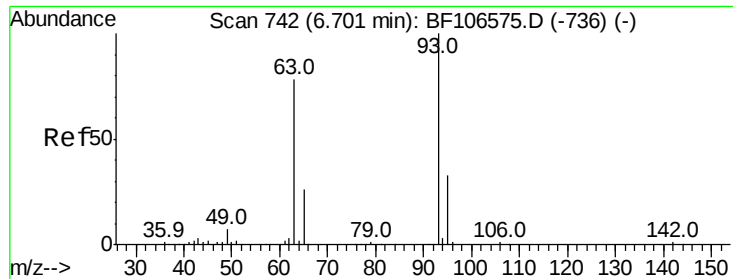


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.198 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

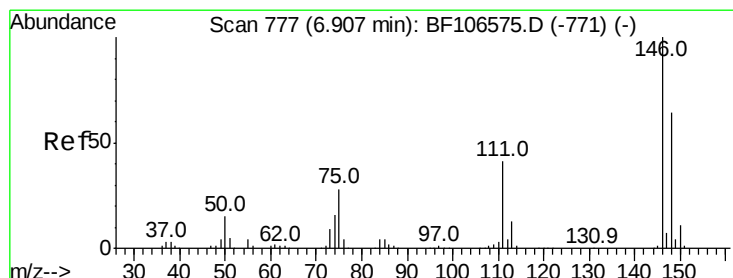
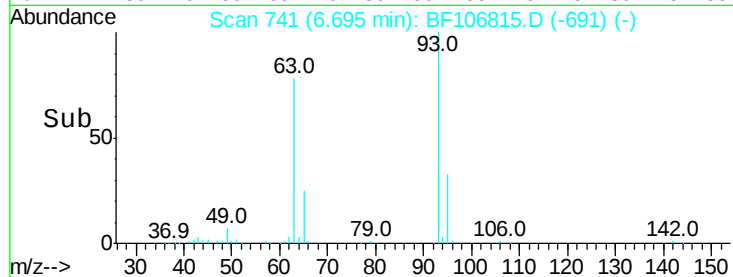
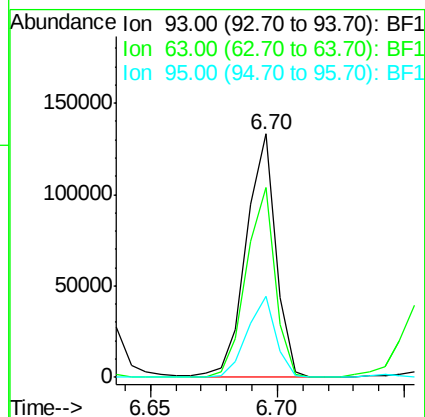
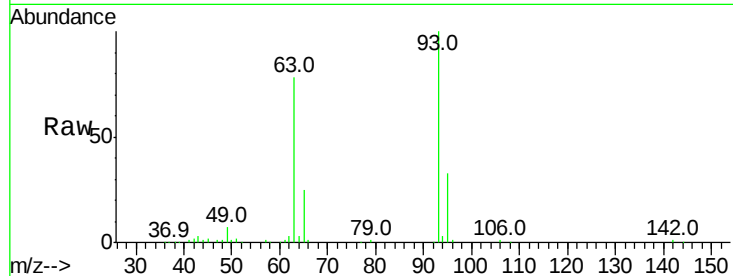
ClientSampleId :

PB110533BS

Tot Ion:	93	Resp:	107829
Ion Ratio	Lower	Upper	
93	100		
63	78.2	58.6	98.6
95	33.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 34.684 ng

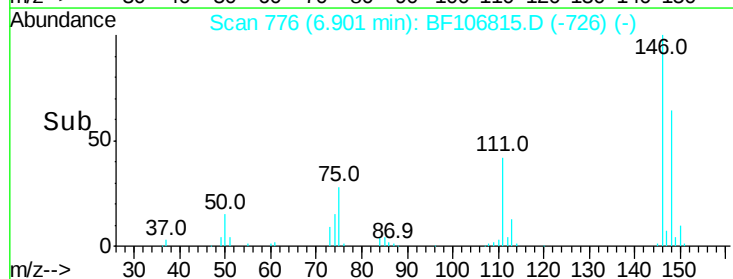
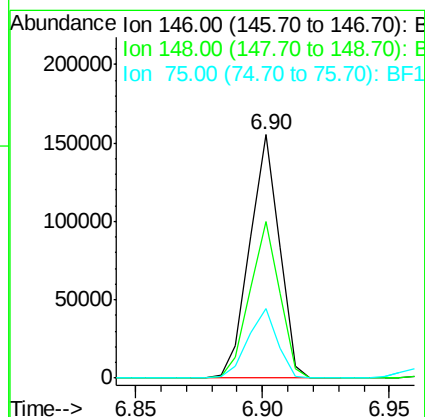
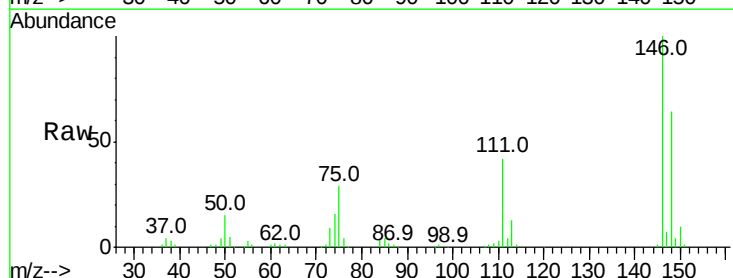
RT: 6.90 min Scan# 776

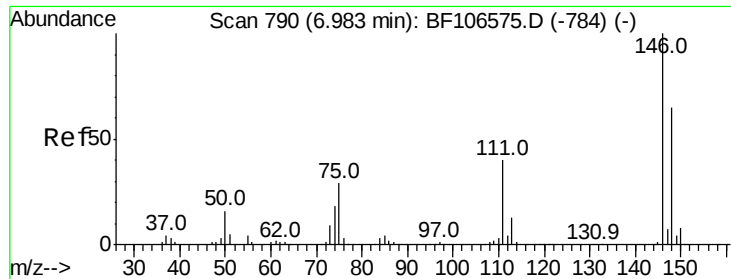
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	146	Resp:	126820
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	28.6	24.2	36.4





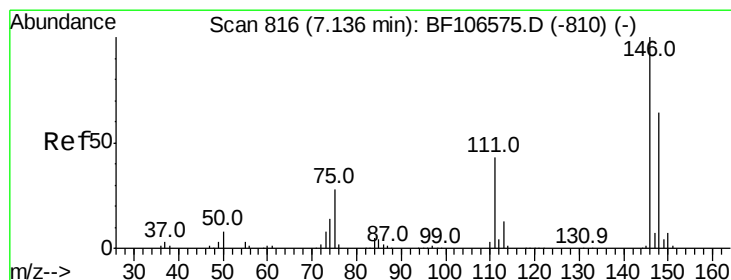
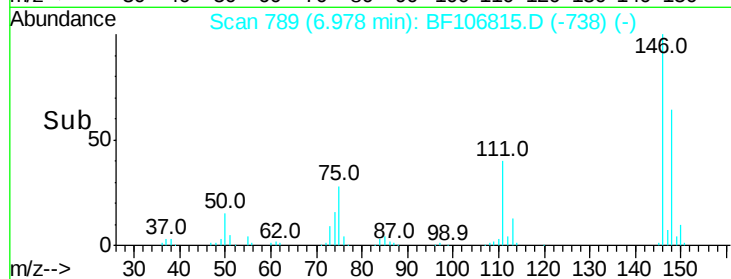
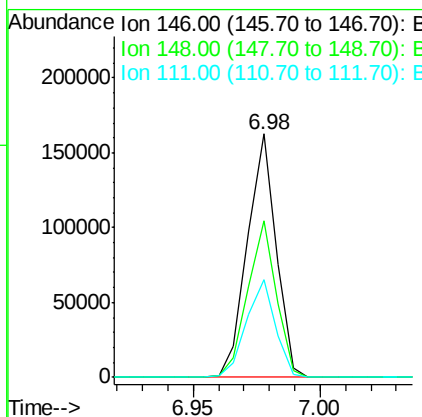
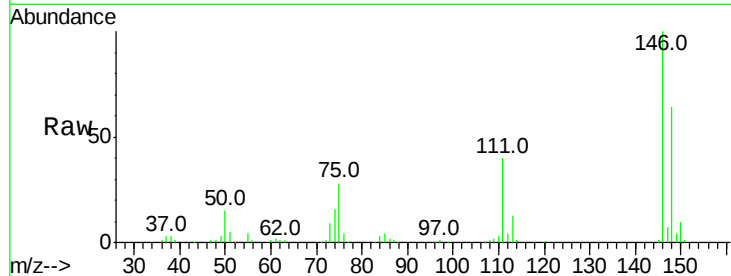
#13
 1,4-Dichlorobenzene
 Concen: 34.860 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	40.0	34.2	51.2

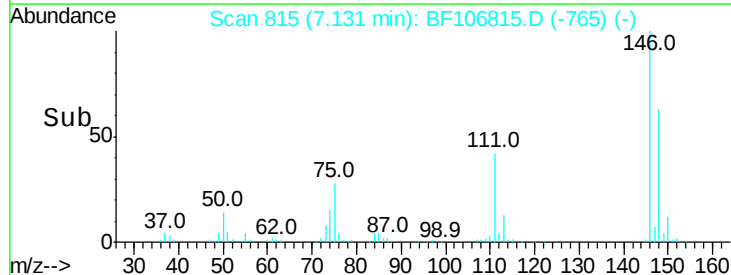
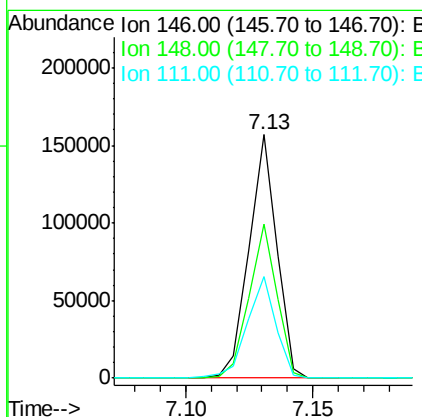
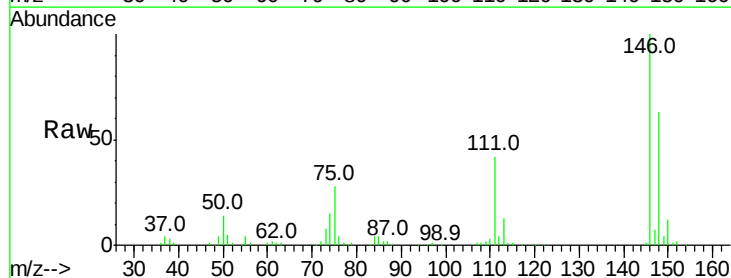
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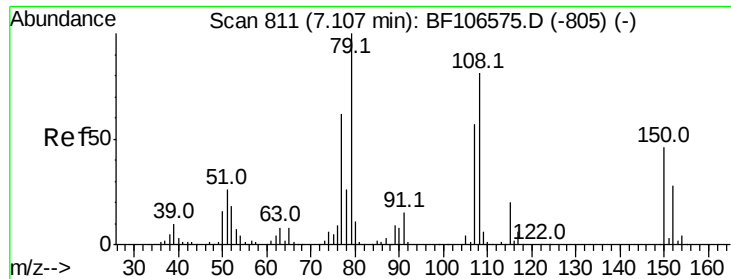
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#14
 1,2-Dichlorobenzene
 Concen: 35.384 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	41.6	36.0	54.0





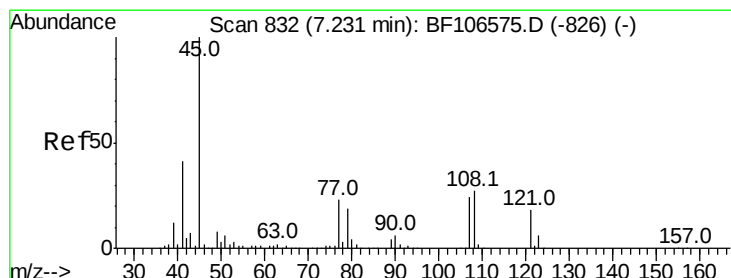
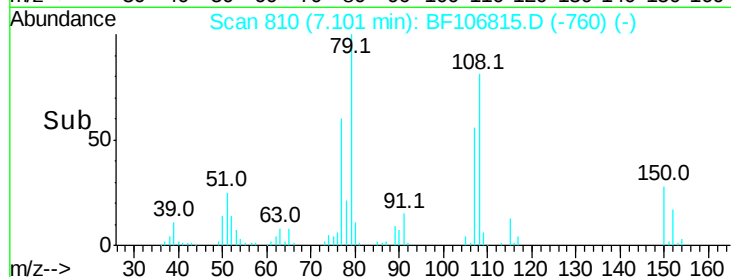
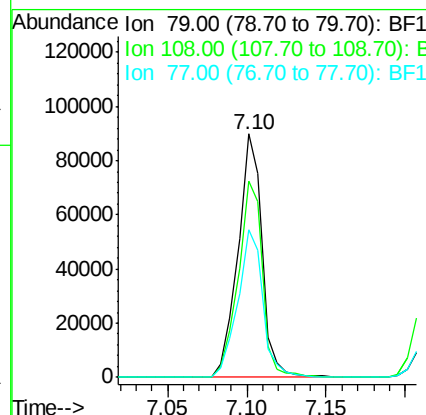
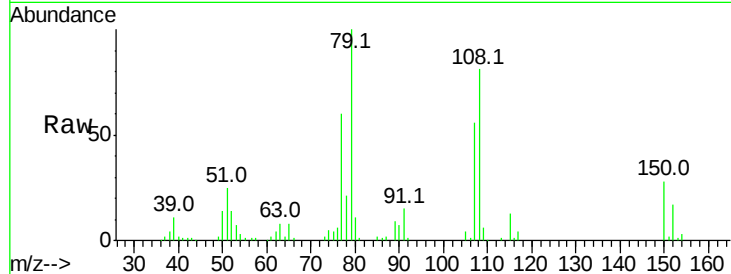
#15
Benzyl Alcohol
Concen: 33.265 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	65.1	97.7
77	60.5	50.6	75.8

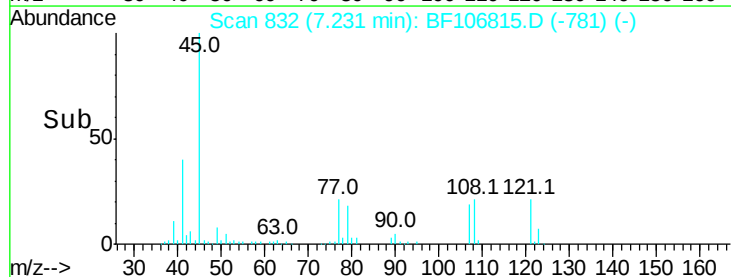
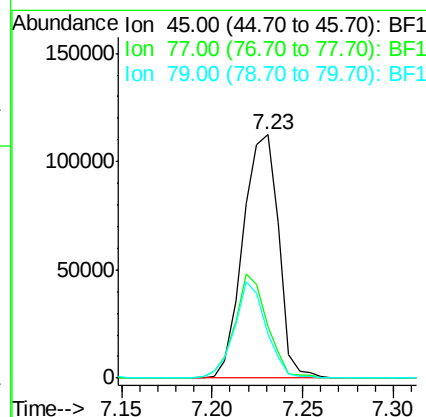
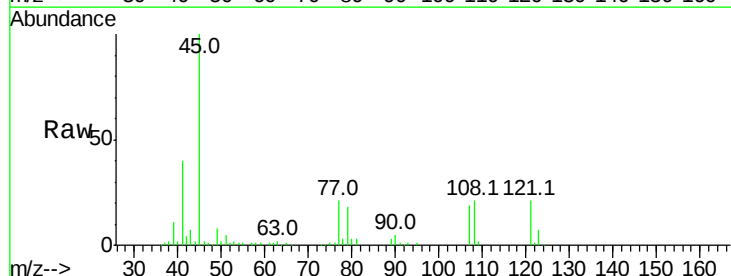
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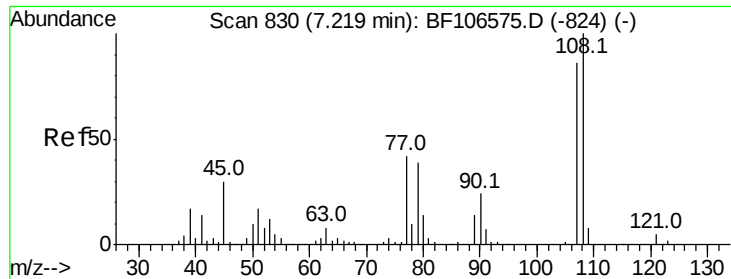
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.809 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.0	32.9
79	18.2	0.0	29.6





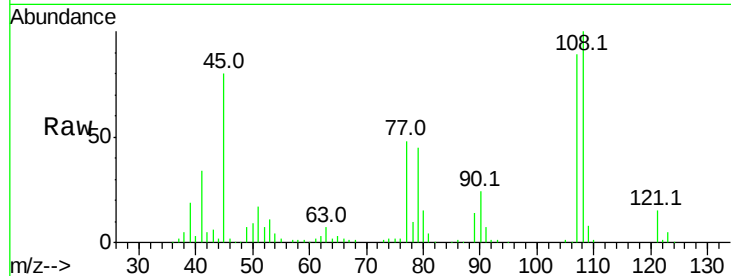
#17
2-Methylphenol
Concen: 34.967 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	53.8	33.8	50.8#
79	50.2	33.8	50.8

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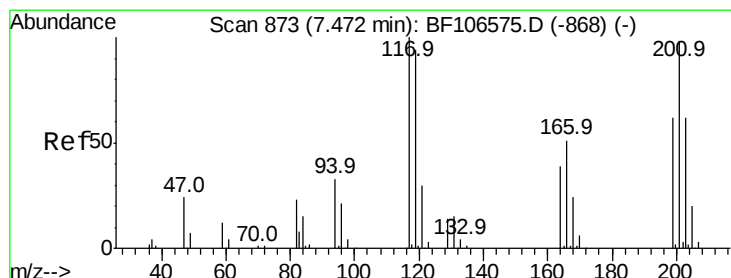
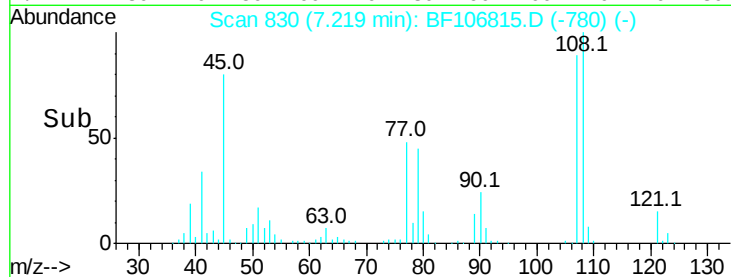
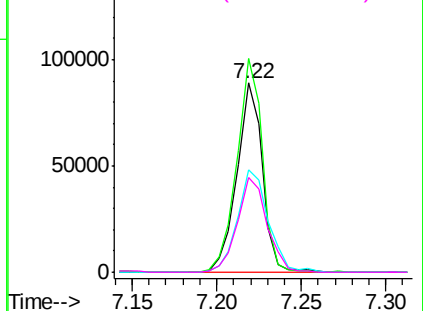
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

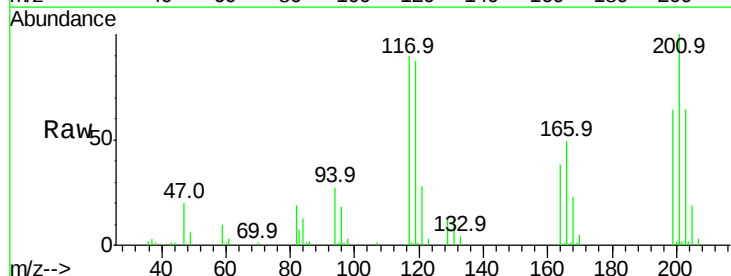
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.874 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	110.7	75.7	113.5

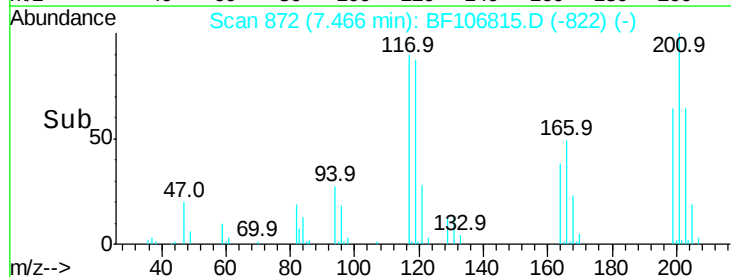
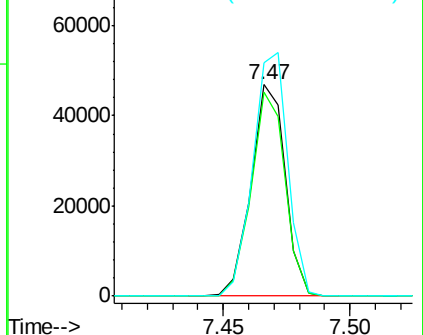


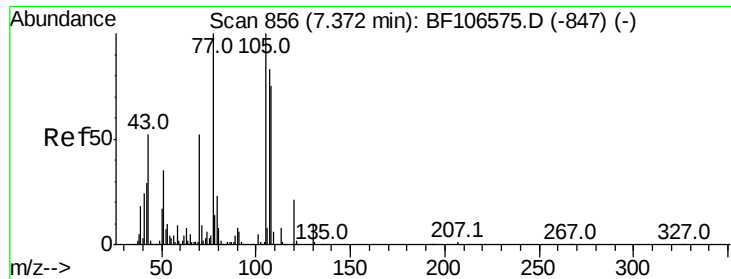
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





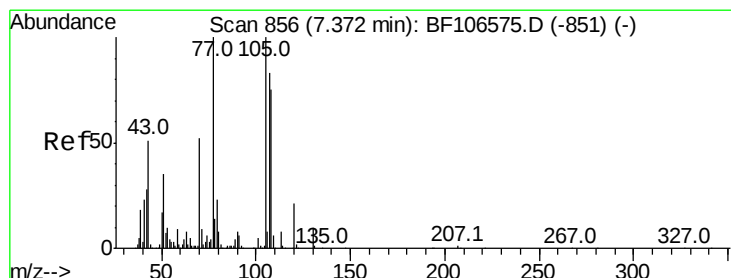
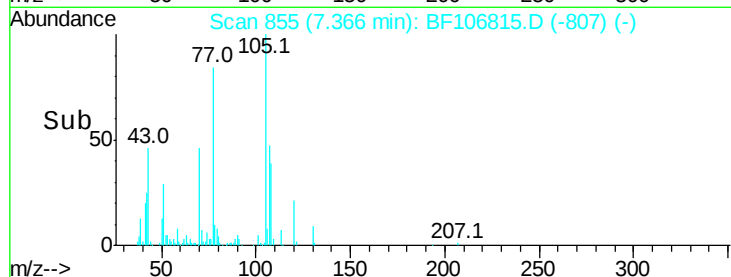
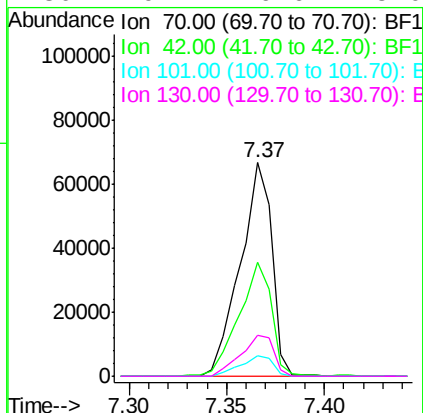
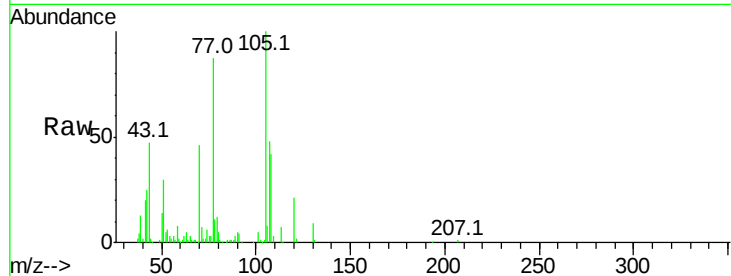
#19
n-Nitroso-di-n-propylamine
Concen: 32.043 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	47.5	71.3	
101	9.9	7.4	11.2	
130	19.2	16.6	25.0	

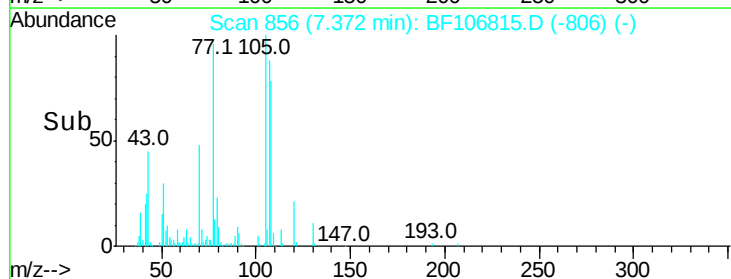
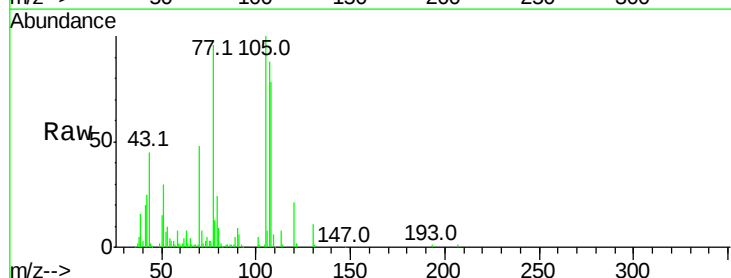
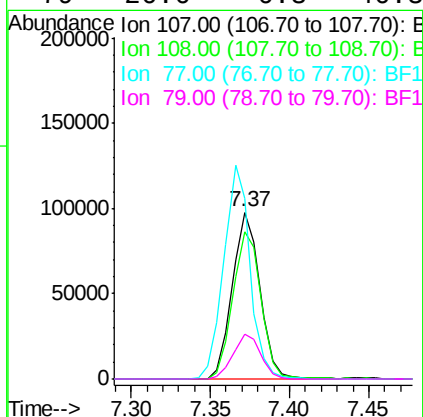
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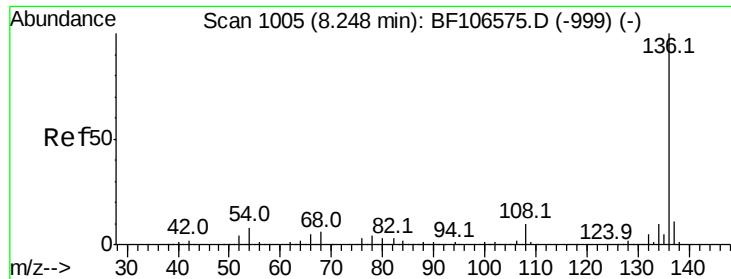
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#20
3+4-Methylphenols
Concen: 39.420 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	68.2	108.2	
77	108.8	26.7	66.7#	
79	26.6	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

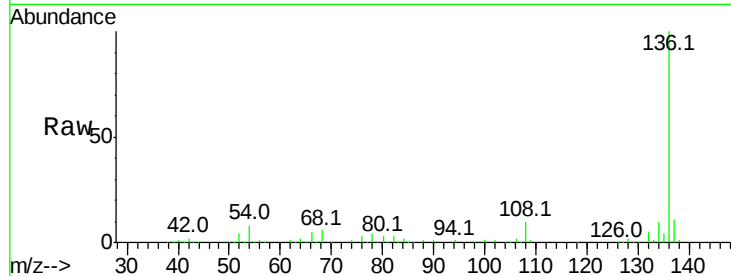
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	188216		
137	10.7		8.9	13.3
54	8.0		6.6	9.8
68	6.3		5.0	7.4

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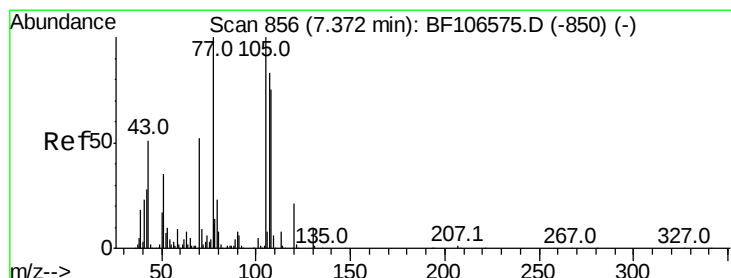
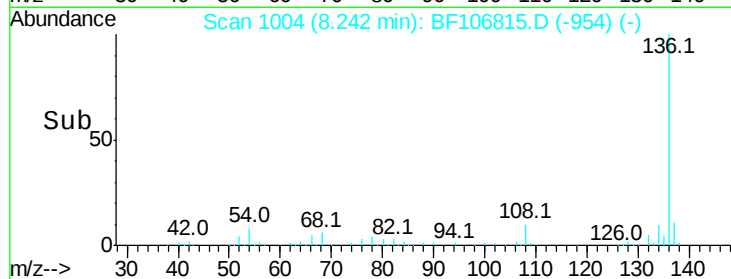
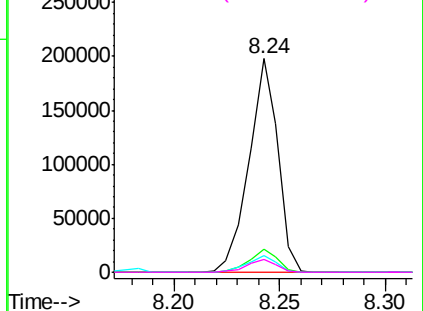


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.723 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

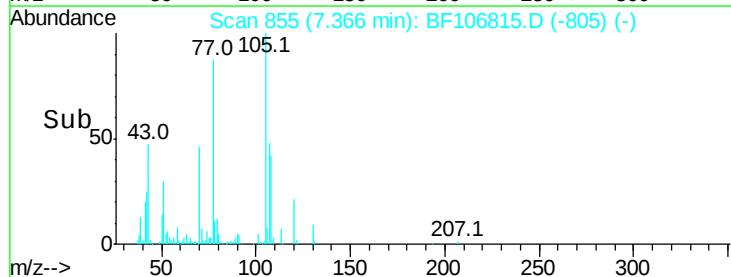
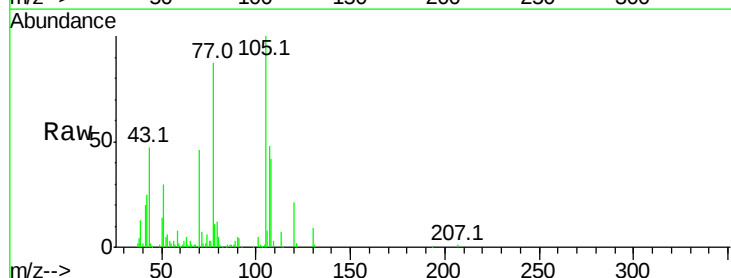
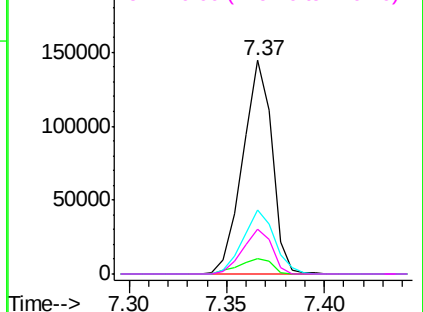
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150423		
71	7.5		4.4	6.6#
51	30.1		22.3	33.5
120	21.0		16.9	25.3

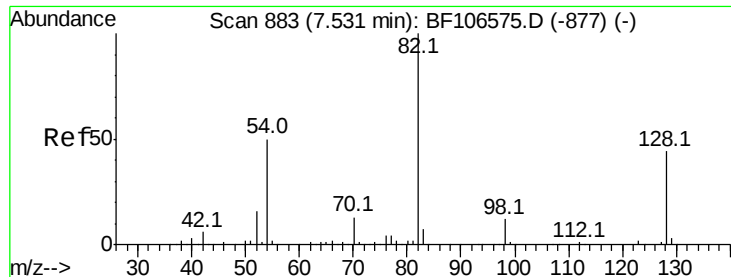
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





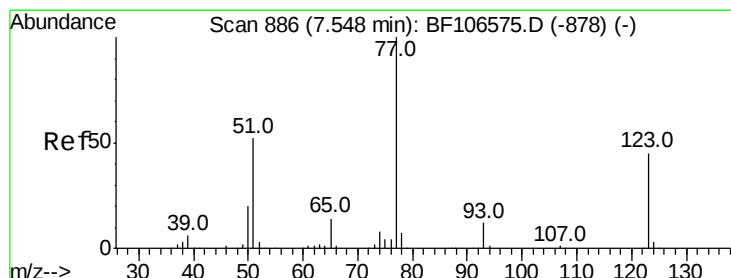
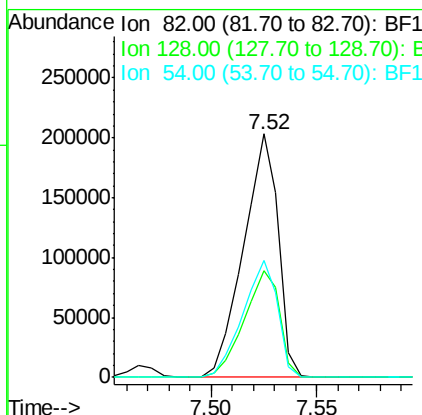
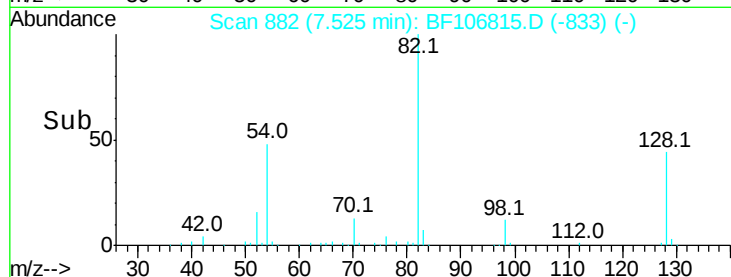
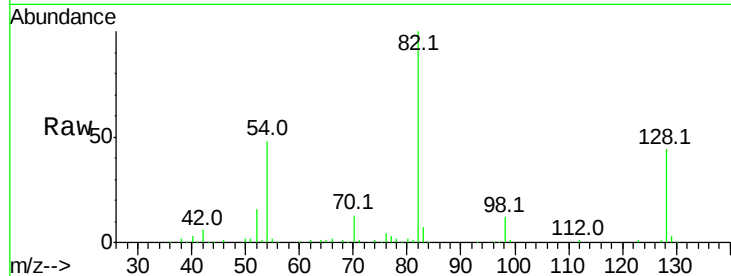
#23
Nitrobenzene-d5
Concen: 68.402 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.7	36.1	54.1
54	47.8	41.4	62.2

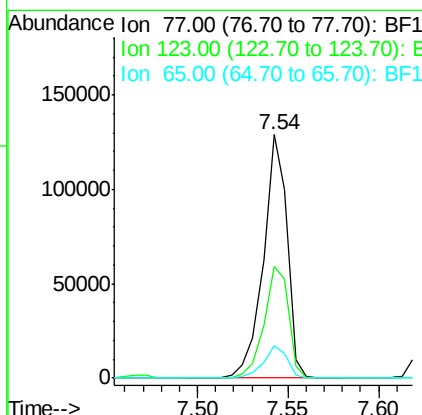
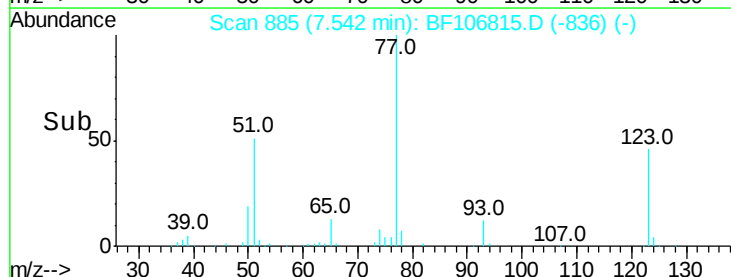
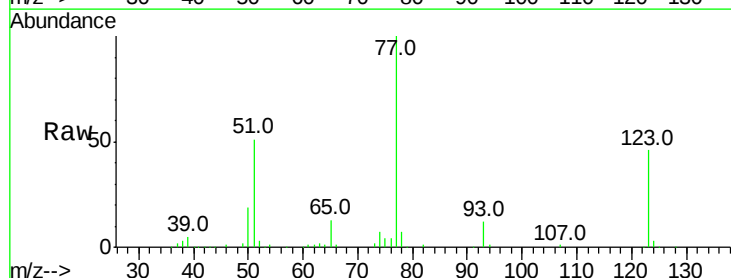
Manual Integrations
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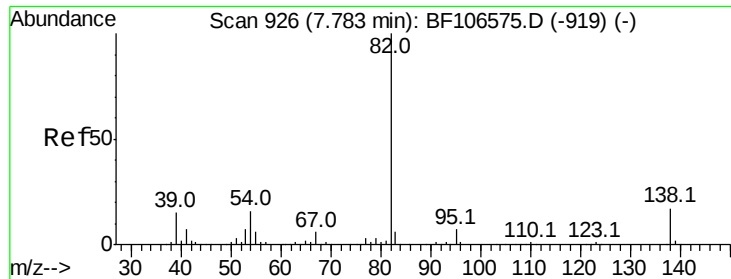
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#24
Nitrobenzene
Concen: 33.846 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	45.8	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 36.320 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

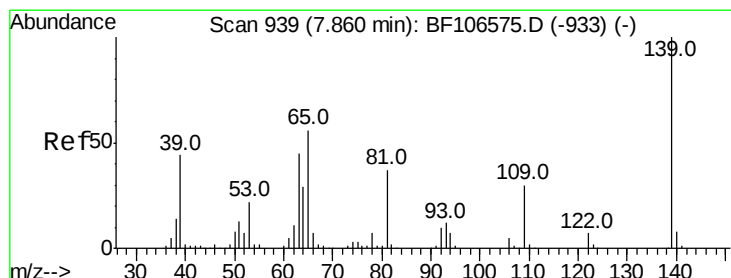
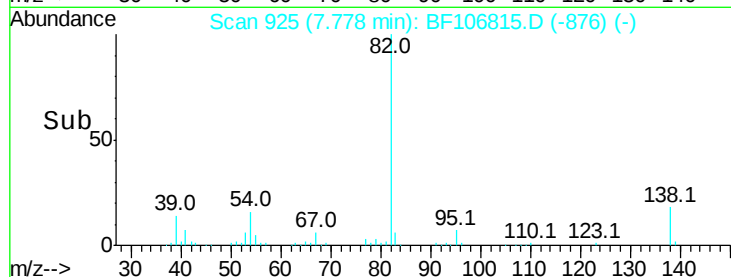
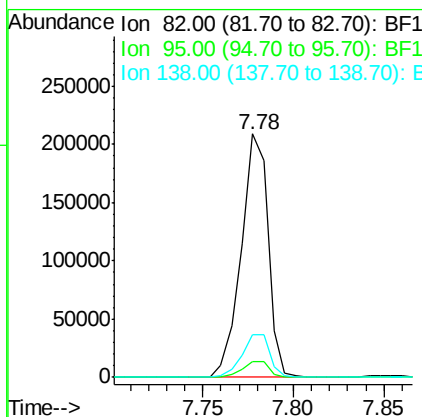
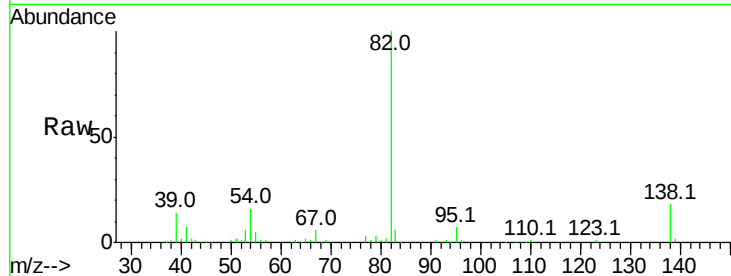
ClientSampleId :

PB110533BS

Tot Ion:	82	Resp:	216758
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.296 ng

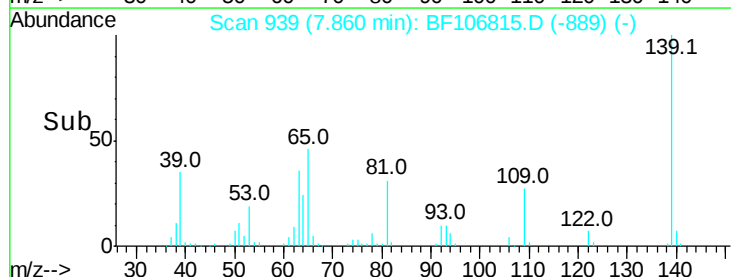
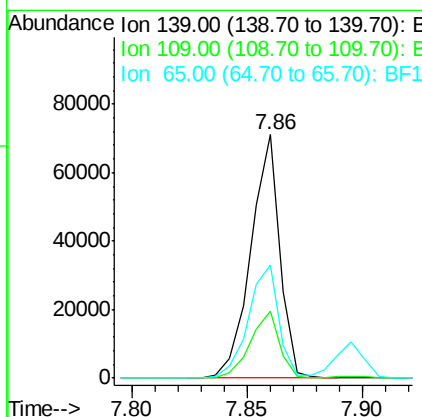
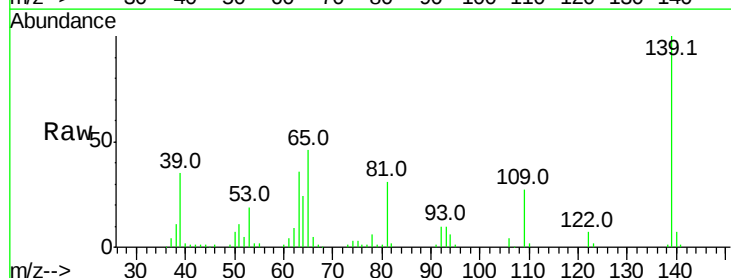
RT: 7.86 min Scan# 939

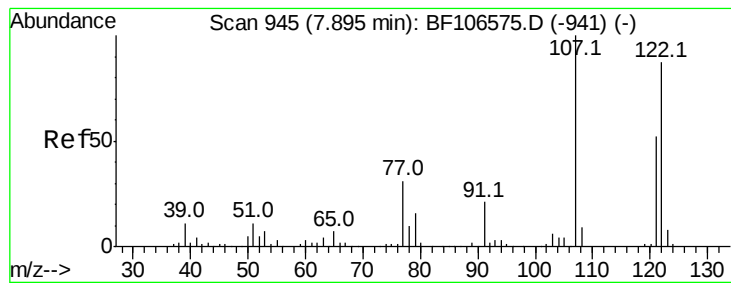
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	139	Resp:	62511
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.7	34.1
65	46.4	40.5	60.7





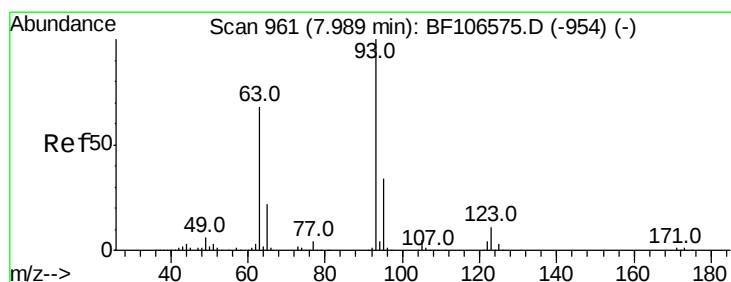
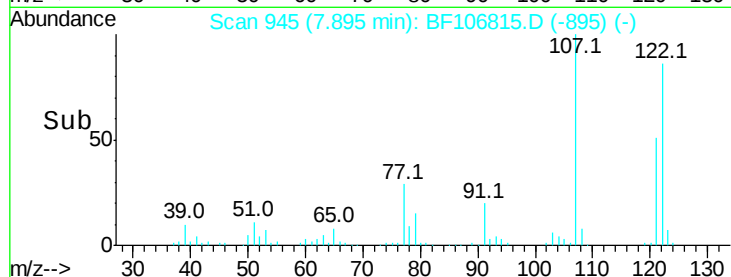
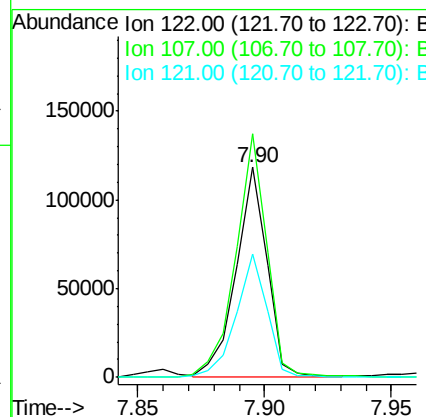
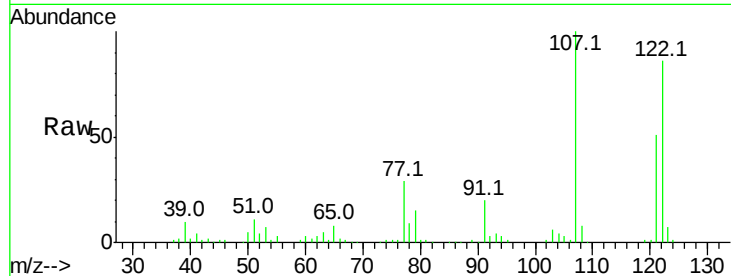
#27
 2,4-Dimethylphenol
 Concen: 40.070 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.2	136.8
121	58.8	47.2	70.8

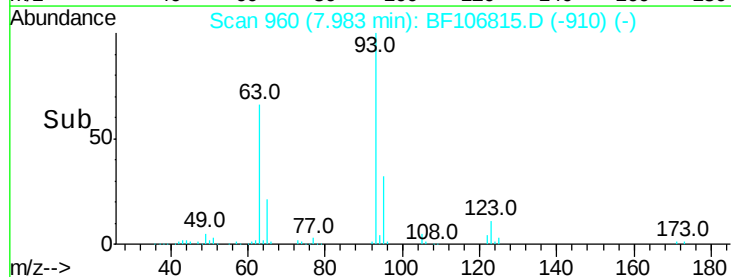
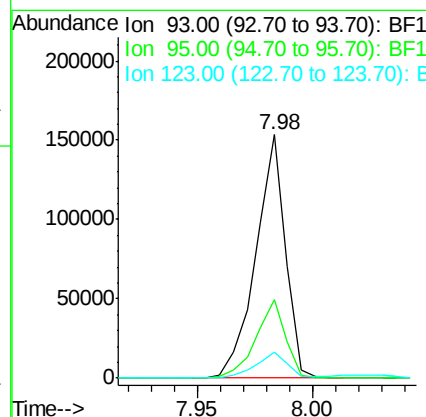
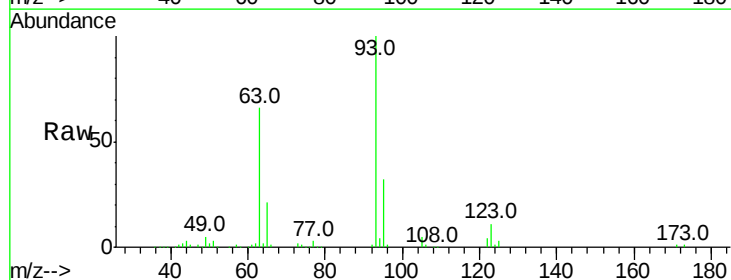
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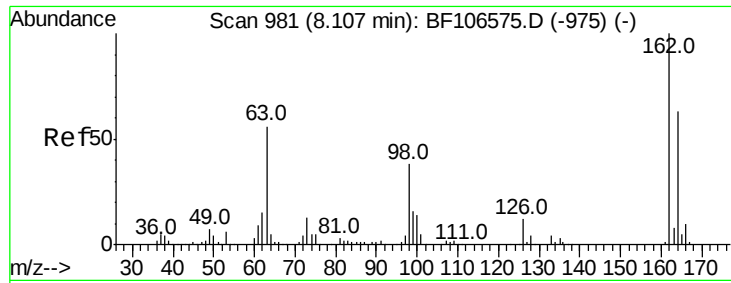
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.371 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.8	9.8	14.6





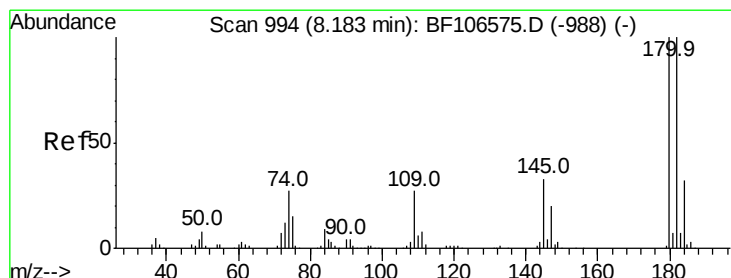
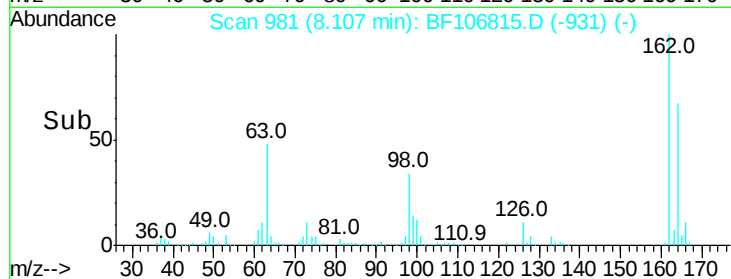
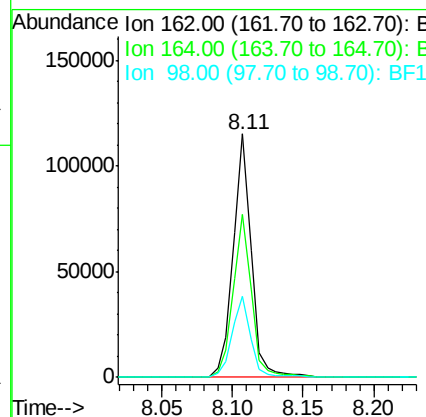
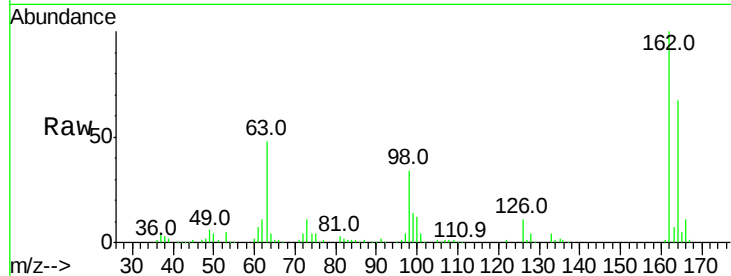
#29
 2,4-Dichlorophenol
 Concen: 39.085 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.9	42.7	82.7
98	33.5	18.1	58.1

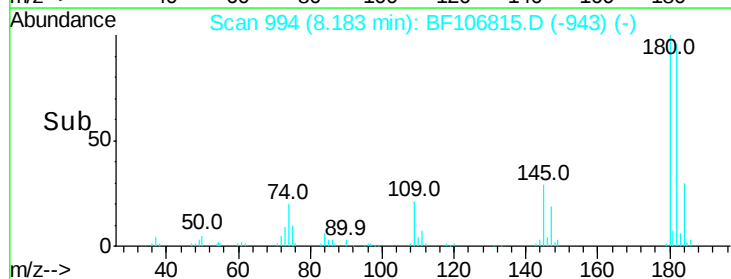
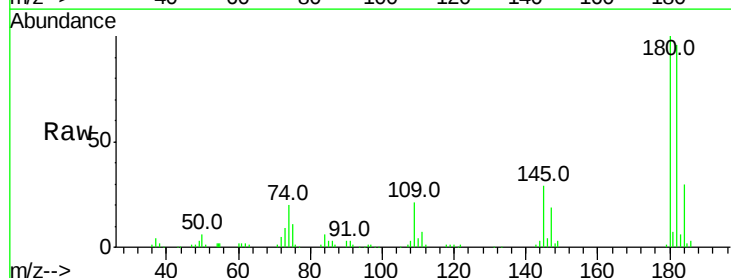
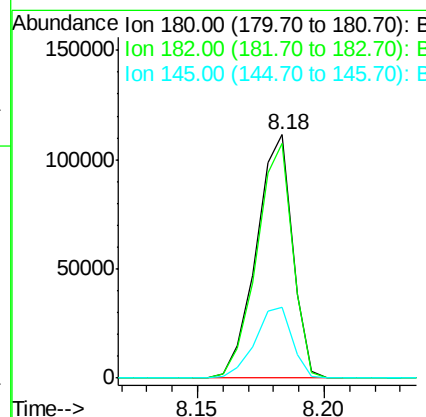
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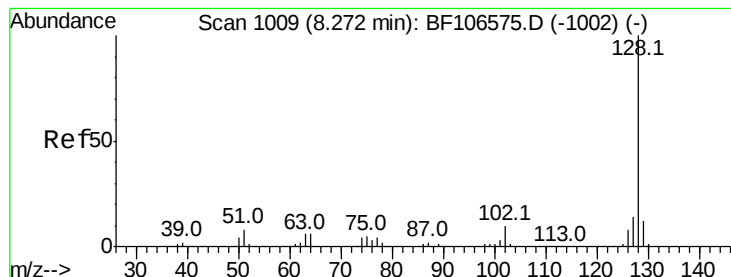
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.171 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	76.8	115.2
145	29.0	26.5	39.7





#31

Naphthalene

Concen: 36.681 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

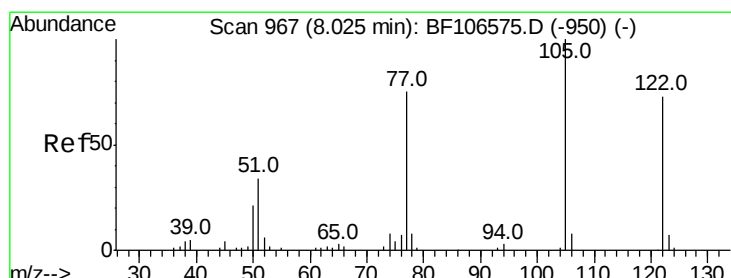
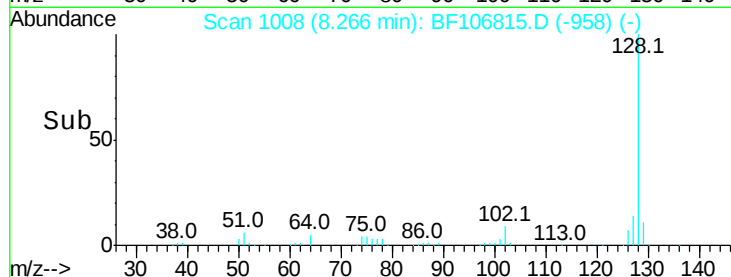
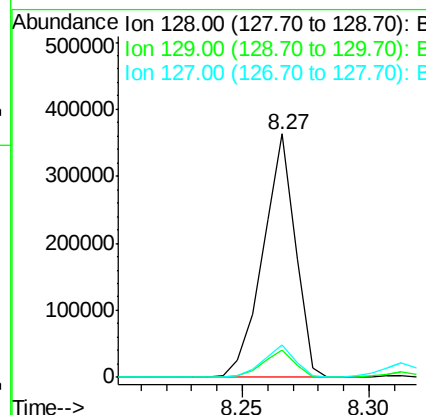
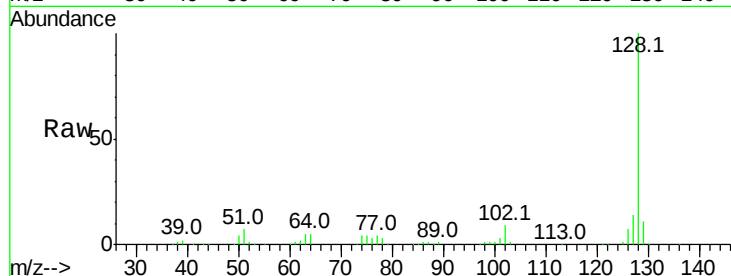
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	322776		
129	11.3		8.8	13.2
127	13.6		10.9	16.3

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#32

Benzoic acid

Concen: 36.962 ng

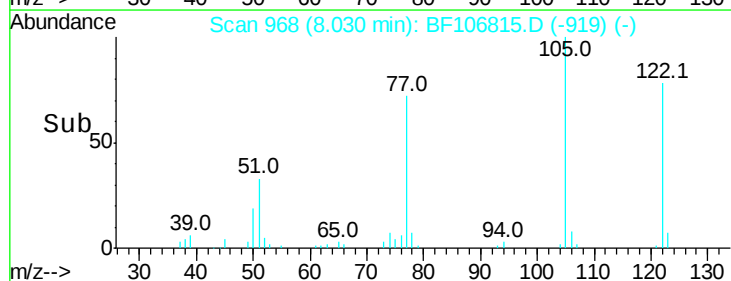
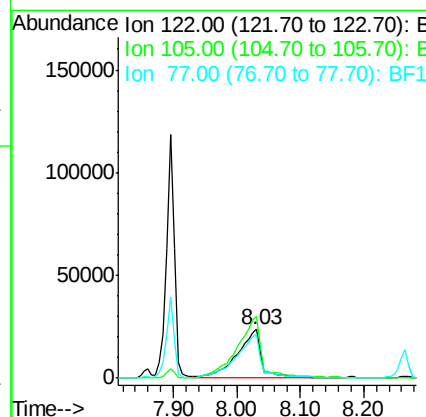
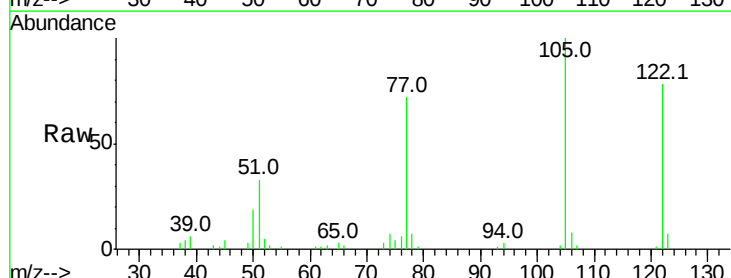
RT: 8.03 min Scan# 968

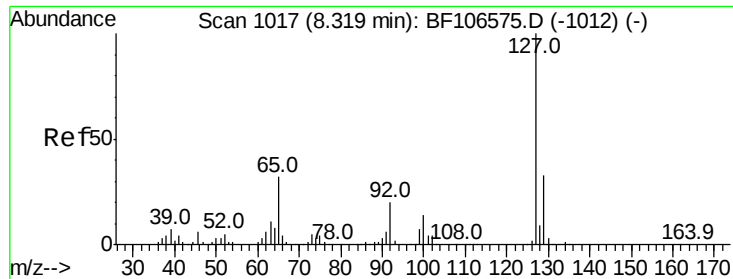
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	65086		
105	127.6		101.1	141.1
77	91.5		70.7	110.7





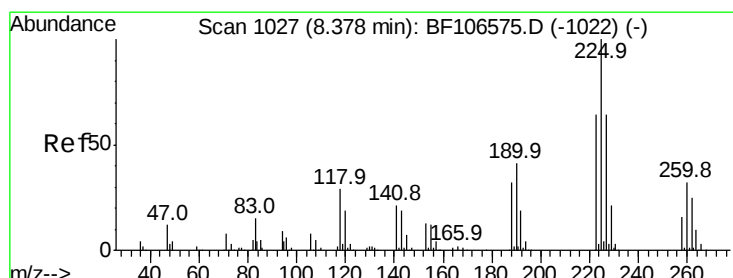
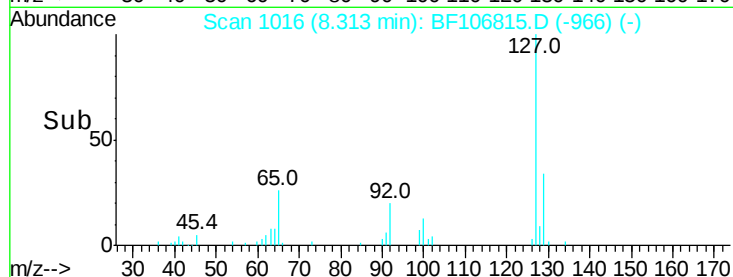
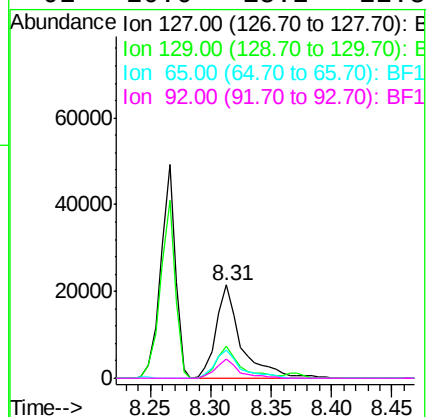
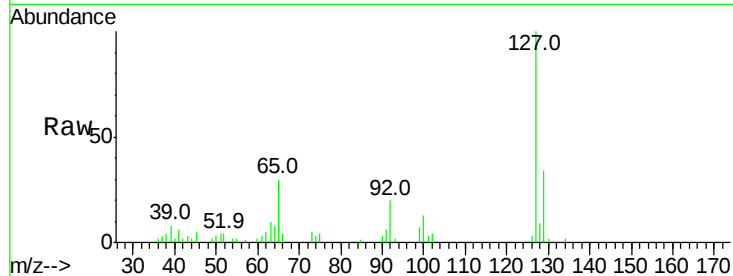
#33
4-Chloroaniline
Concen: 8.369 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	29.8	25.0	37.4
92	20.0	15.2	22.8

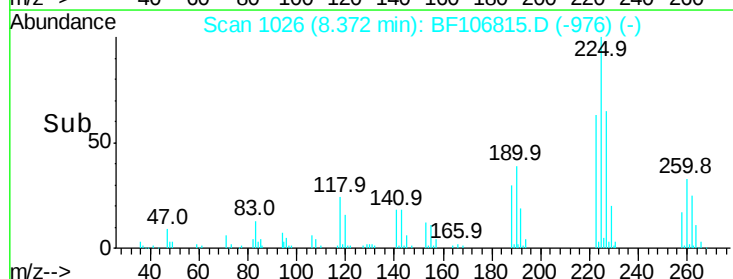
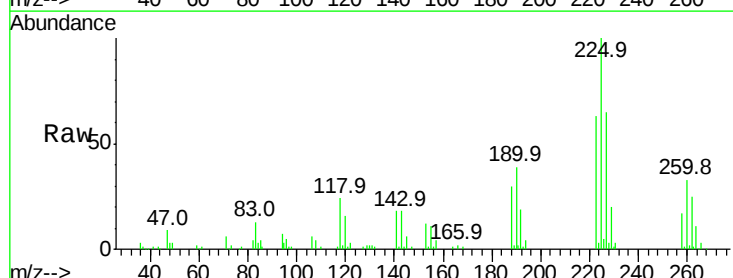
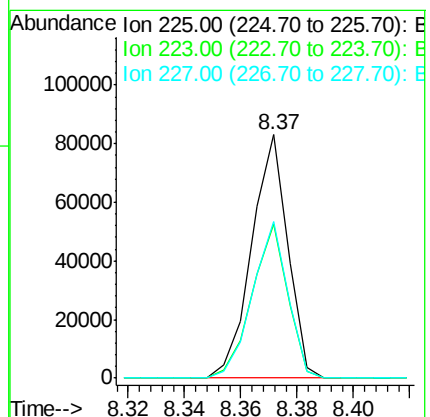
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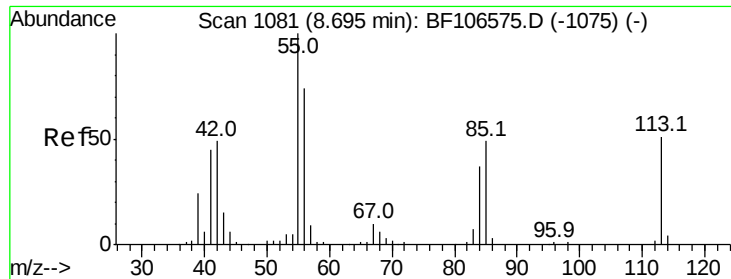
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#34
Hexachlorobutadiene
Concen: 38.763 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.5	51.9	77.9





#35

Caprolactam

Concen: 33.776 ng/mL

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110533BS

Tot Ion:113 Resp: 29082

Ion Ratio Lower Upper

113 100

55 184.1 163.3 203.3

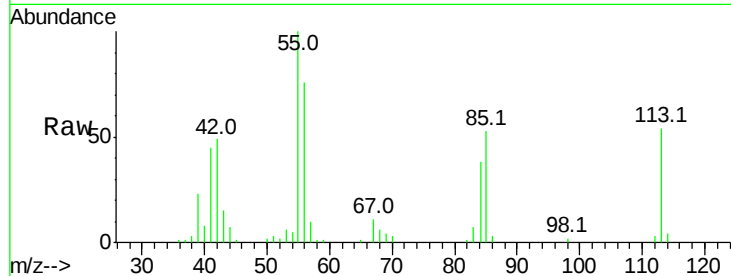
56 139.8 115.7 155.7

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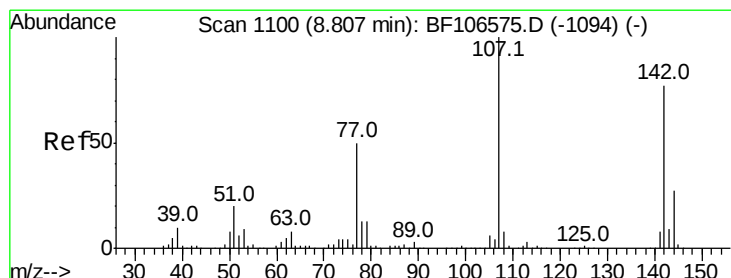
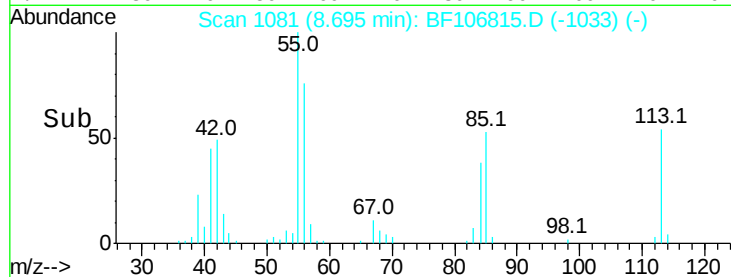
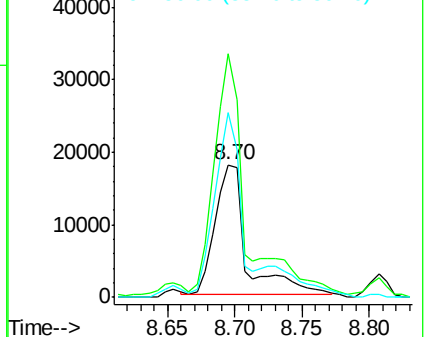
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.743 ng/mL

RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

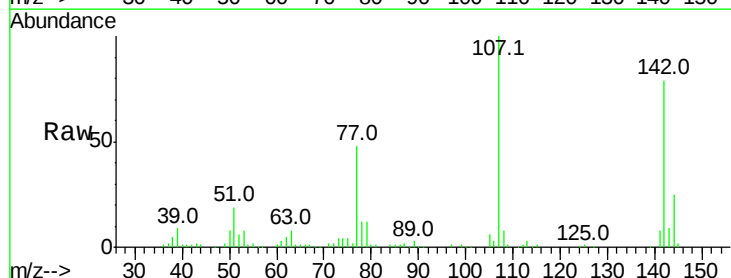
Tgt Ion:107 Resp: 104936

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

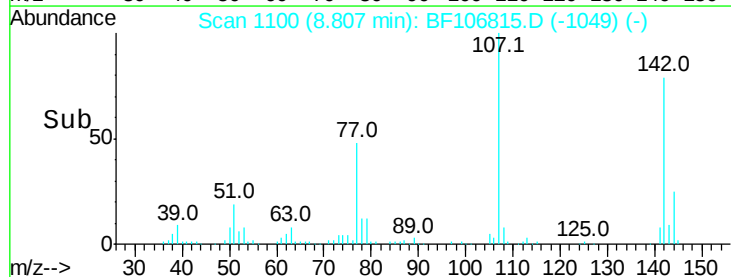
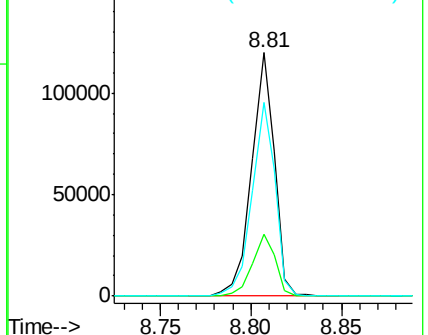
142 79.4 62.0 93.0

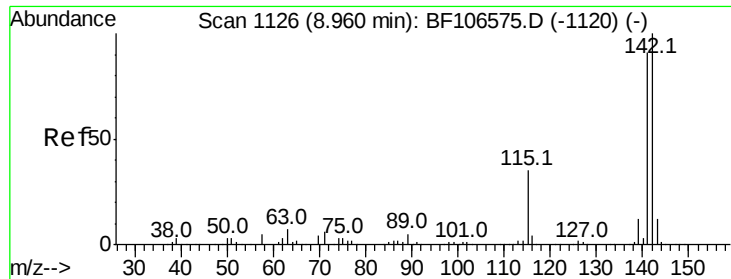


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





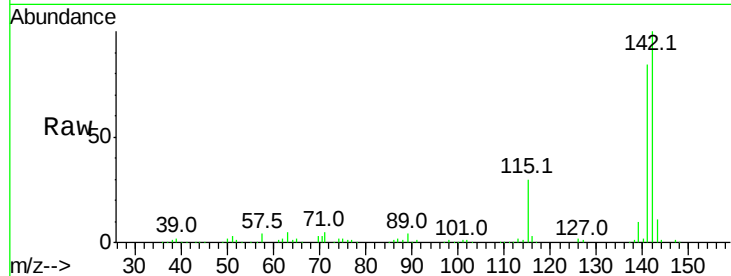
#37
2-Methylnaphthalene
Concen: 41.111 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

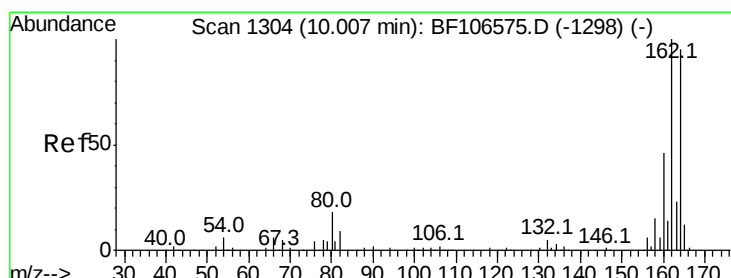
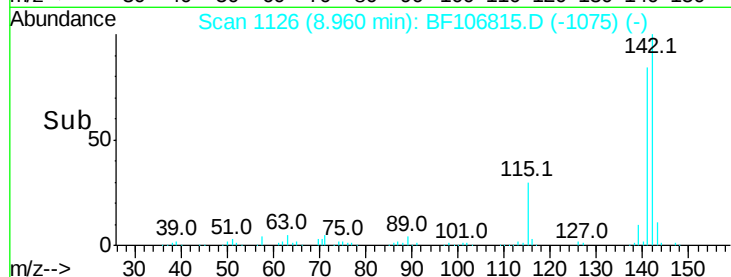
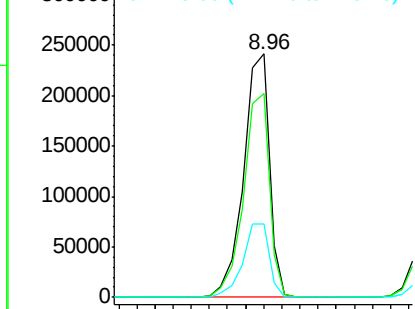
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.5	70.8	106.2
115	30.4	26.1	39.1

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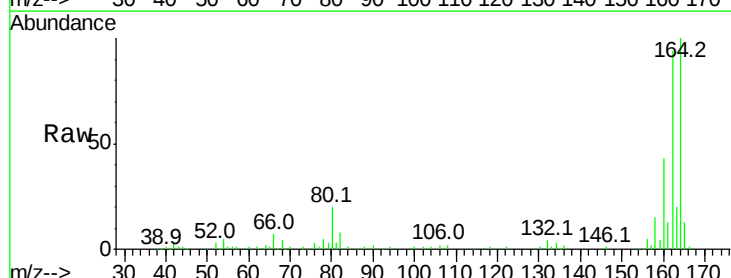


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

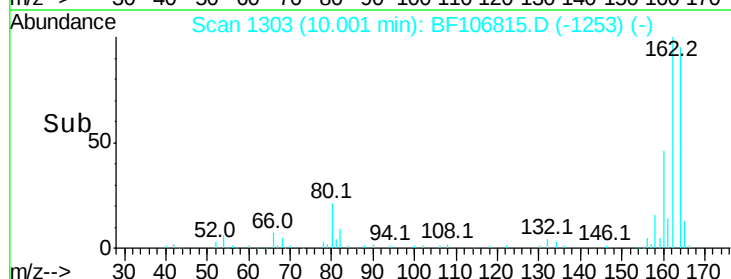
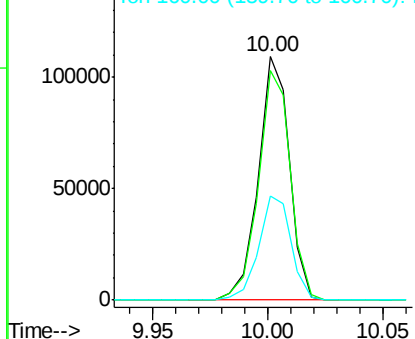


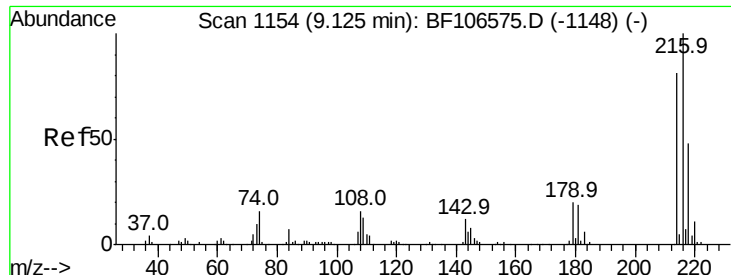
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	86.1	129.1
160	42.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





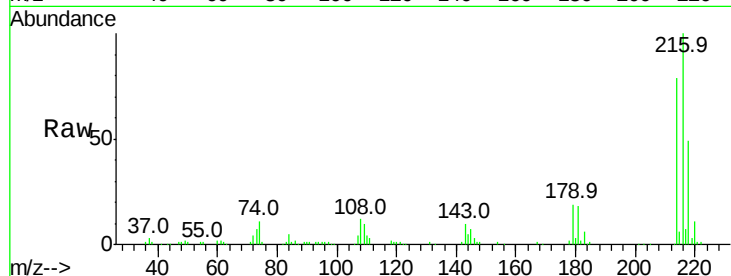
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.058 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

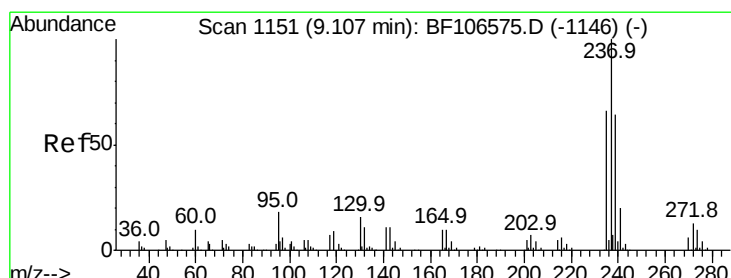
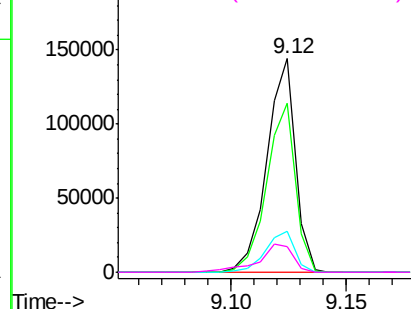
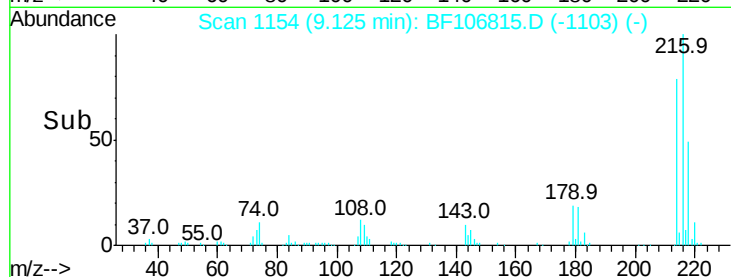
Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.4	63.0	94.4
179	19.6	18.1	27.1
108	16.1	17.2	25.8

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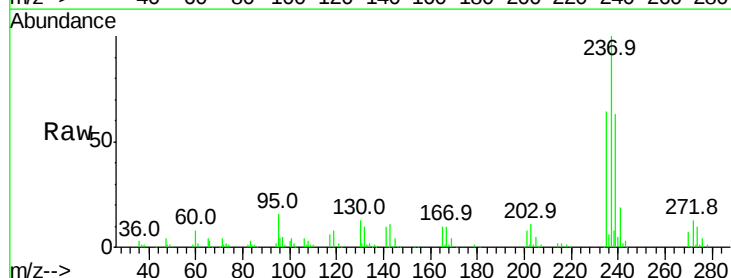


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

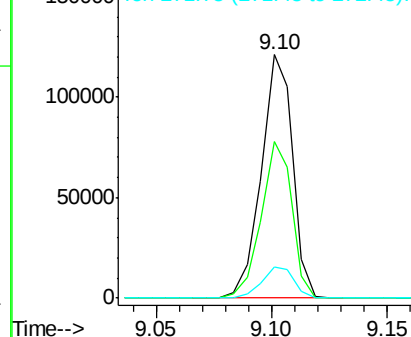
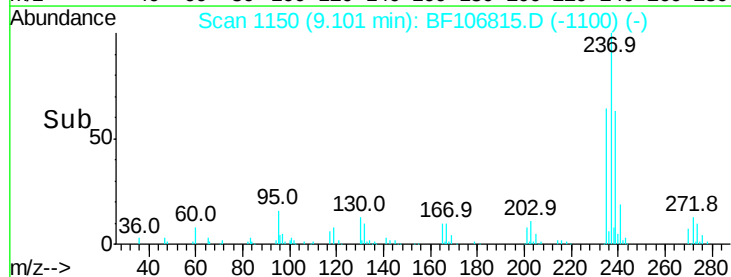


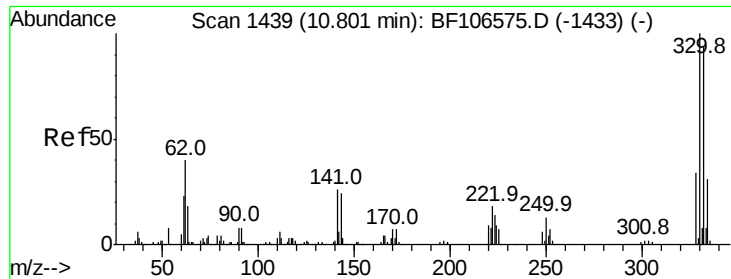
#40
 Hexachlorocyclopentadiene
 Concen: 64.227 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.5	44.8	84.8
272	13.0	0.0	33.3



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





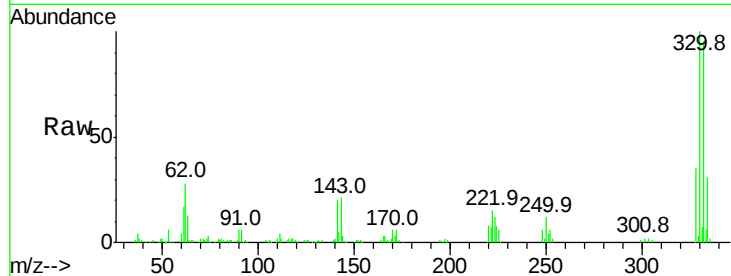
#41
 2,4,6-Tribromophenol
 Concen: 116.823 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

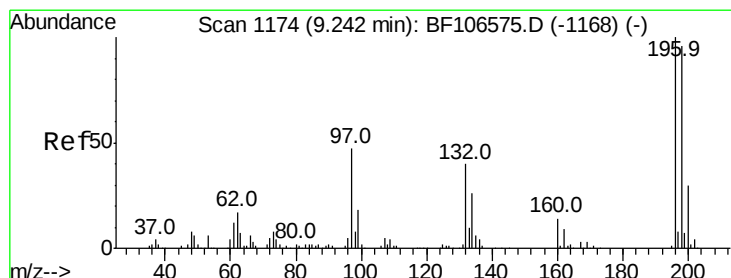
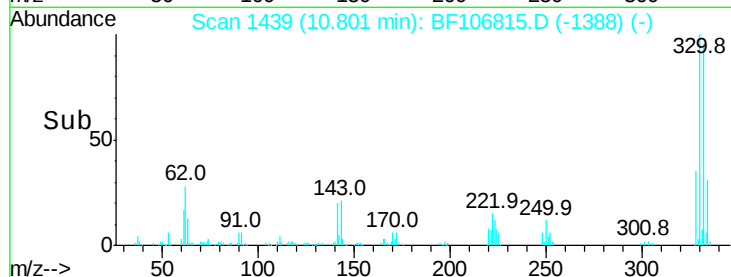
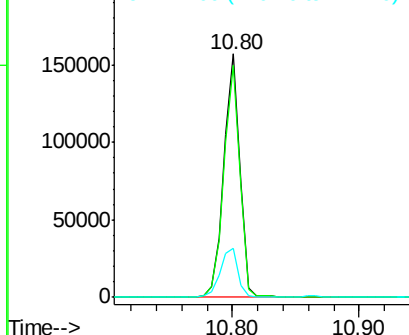
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	22.0	29.9	44.9	

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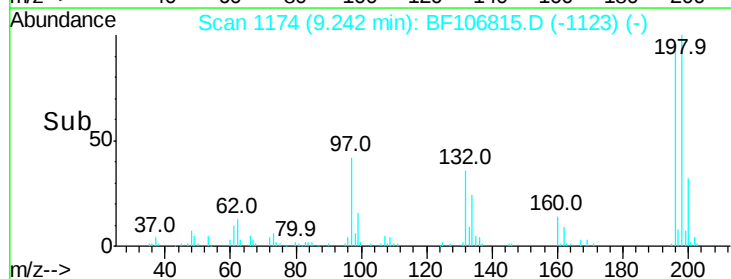
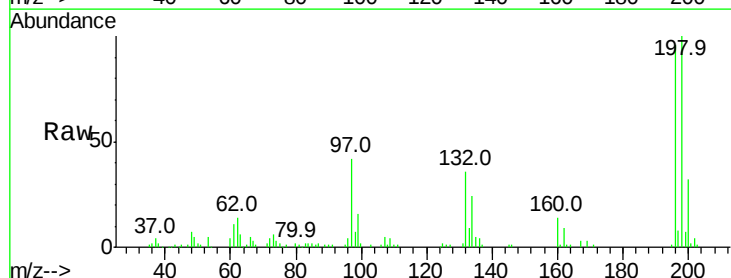
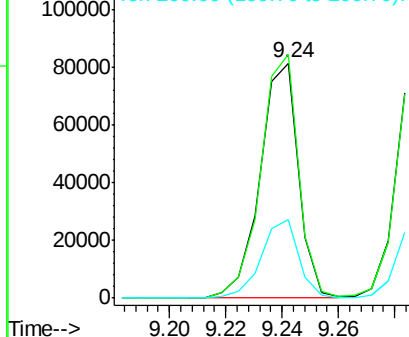
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

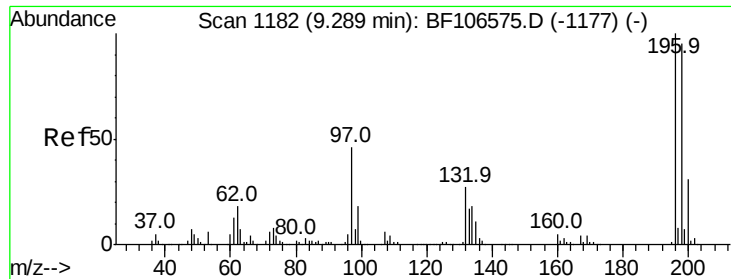


#42
 2,4,6-Trichlorophenol
 Concen: 33.473 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.7	75.7	113.5	
200	33.5	24.5	36.7	

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





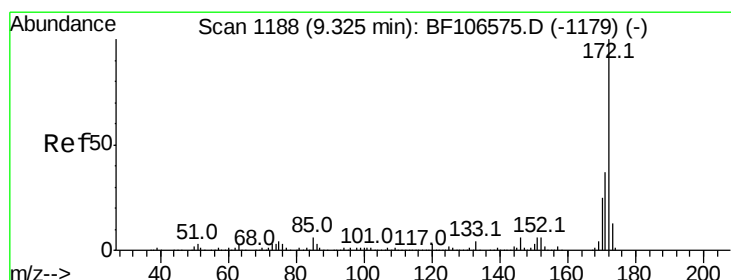
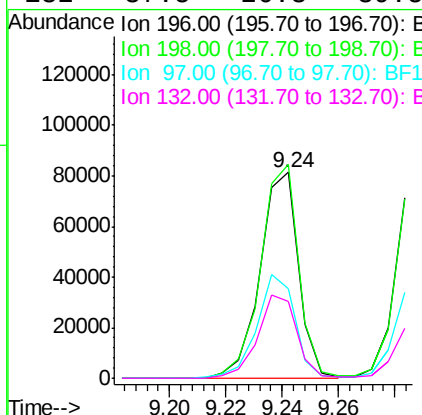
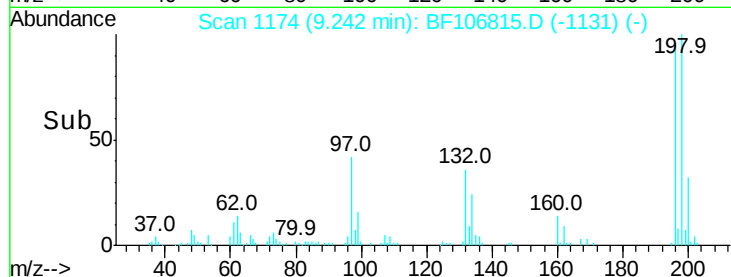
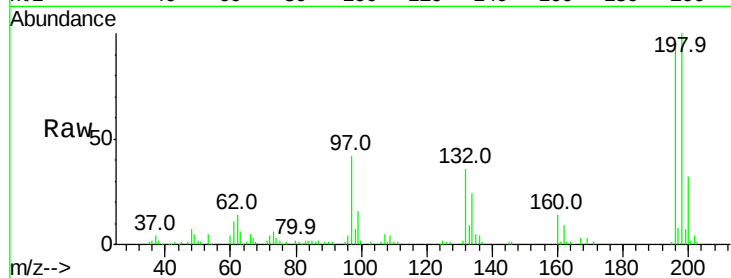
#43
 2,4,5-Trichlorophenol
 Concen: 32.079 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion:	196	Resp:	76977
Ion Ratio	Lower	Upper	
196	100		
198	103.7	74.6	112.0
97	43.8	42.9	64.3
132	37.5	26.3	39.5

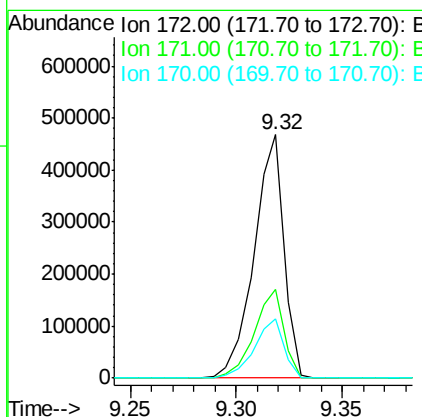
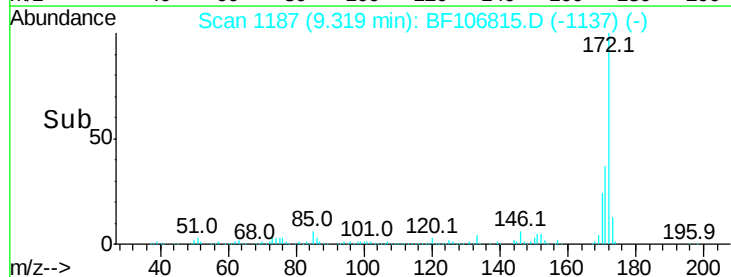
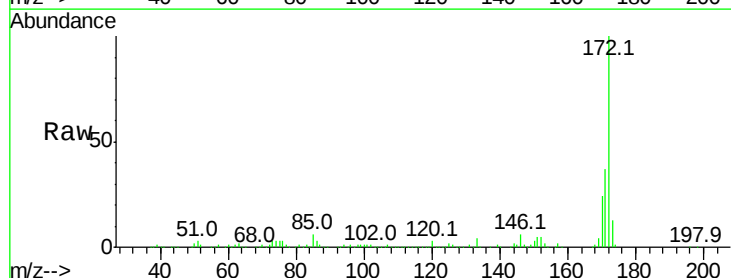
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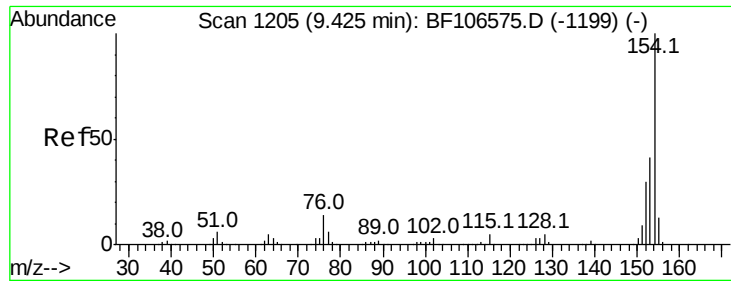
Sohil
 6/27/2018 2:13:52 PM



#44
 2-Fluorobiphenyl
 Concen: 73.800 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion:	172	Resp:	459704
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.519 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

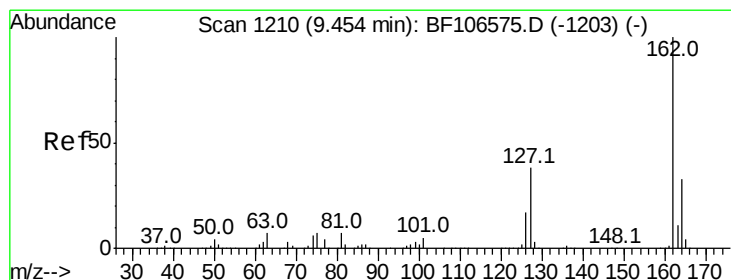
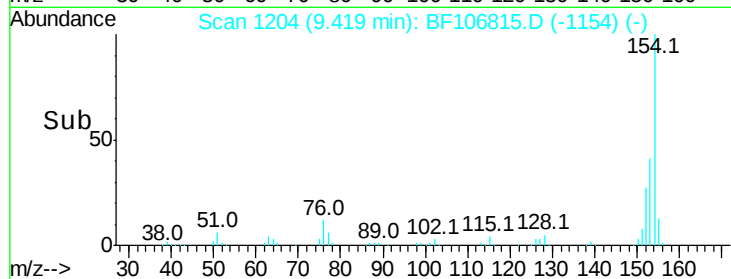
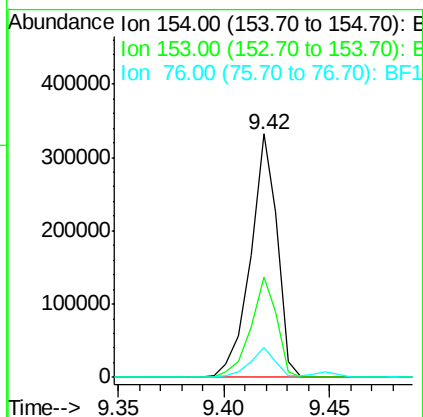
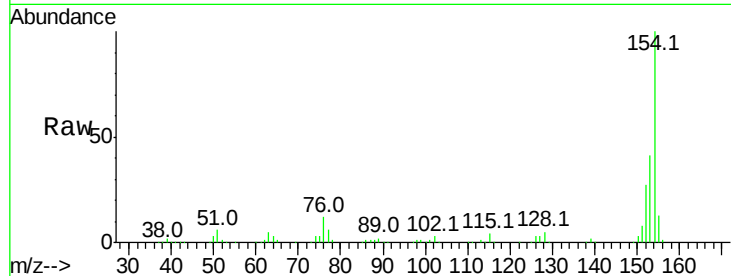
ClientSampleId :

PB110533BS

Tot Ion:	154	Resp:	290795
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	12.2	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 33.271 ng

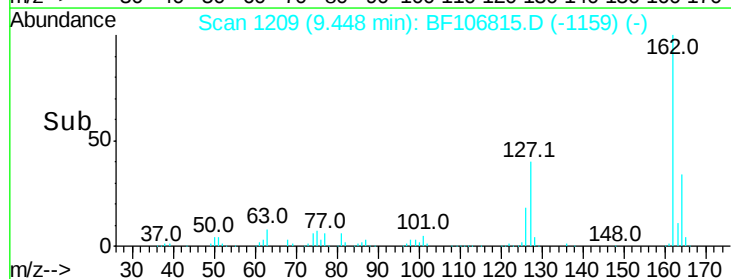
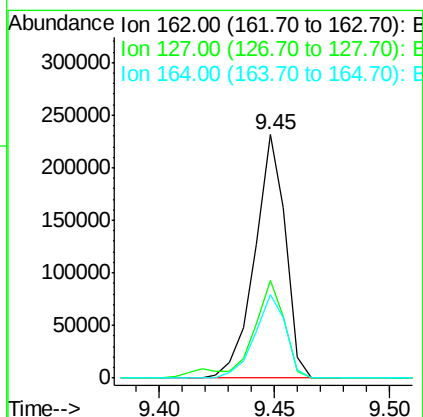
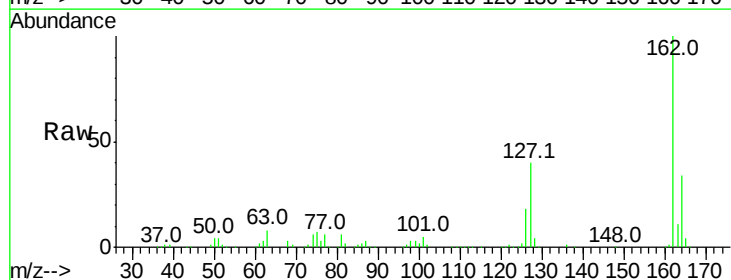
RT: 9.45 min Scan# 1209

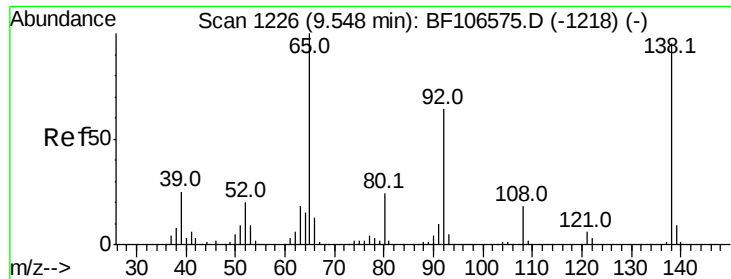
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	162	Resp:	214408
Ion Ratio	Lower	Upper	
162	100		
127	40.0	33.9	50.9
164	34.3	26.5	39.7





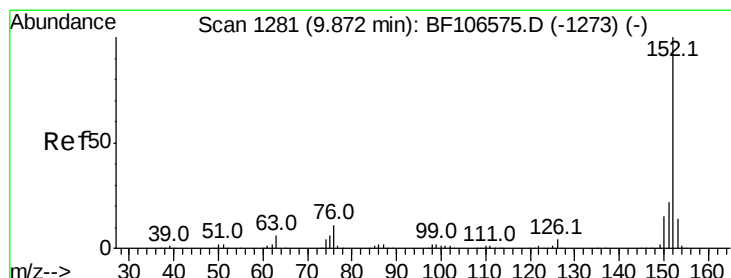
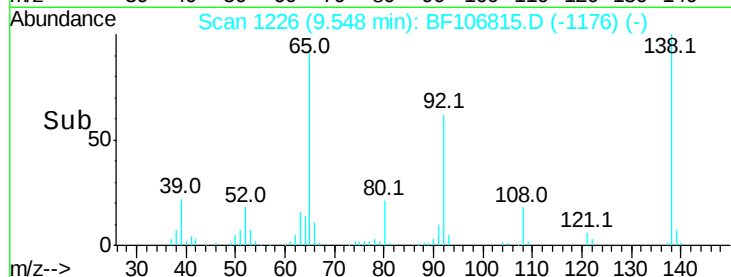
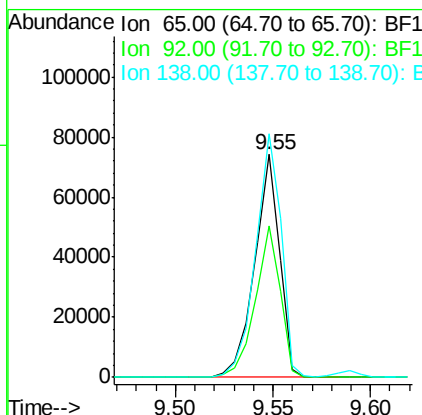
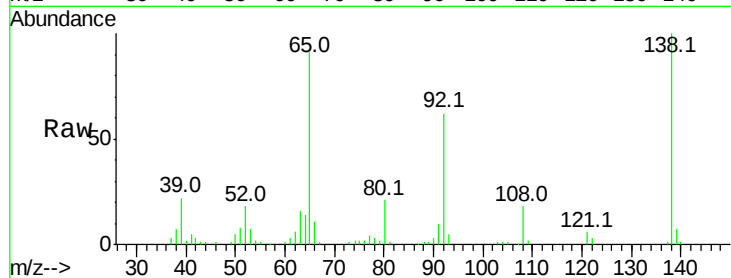
#47
2-Nitroaniline
Concen: 30.314 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.0	55.8	83.6
138	109.3	91.2	136.8

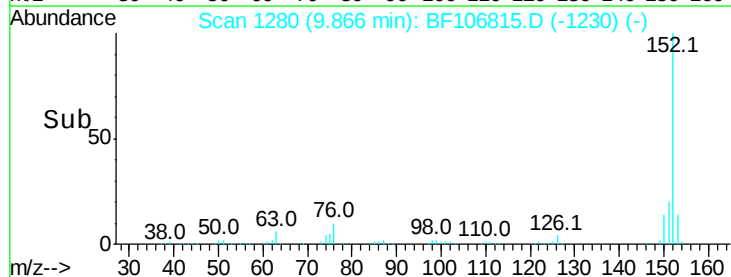
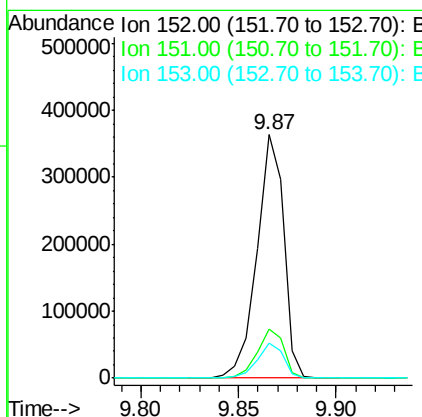
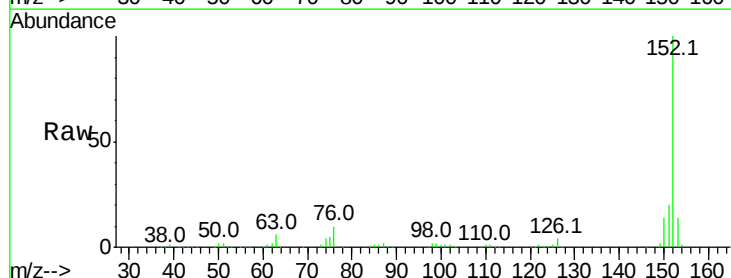
Manual Integrations
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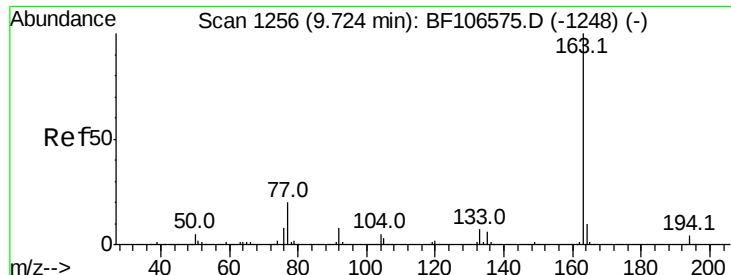
Sohil
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#48
Acenaphthylene
Concen: 33.963 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.2	10.7	16.1





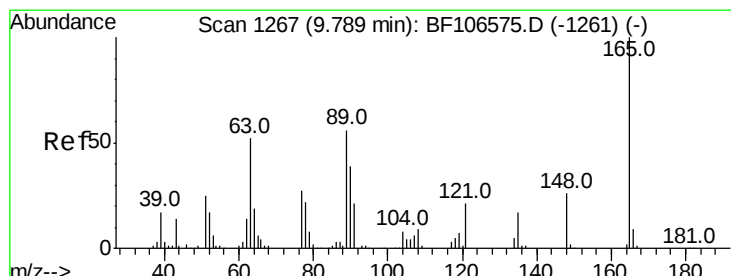
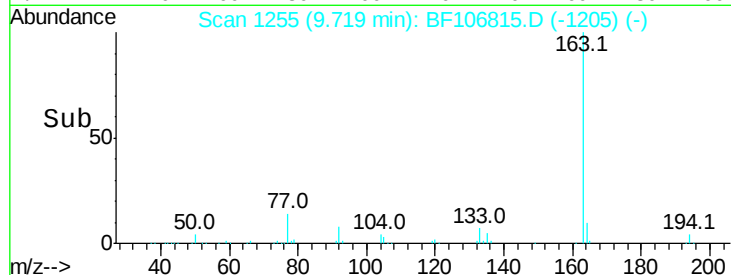
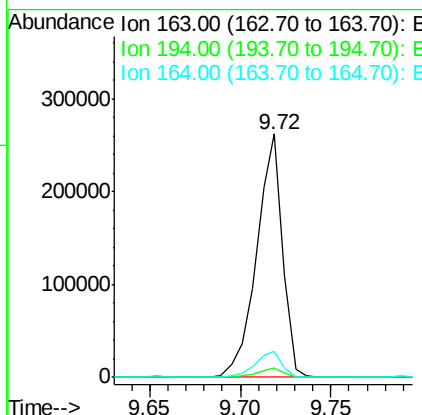
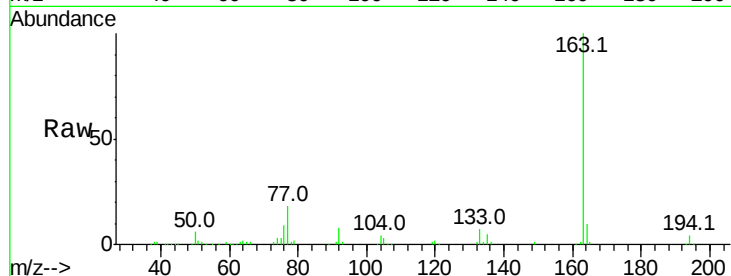
#49
Dimethylphthalate
Concen: 33.652 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2

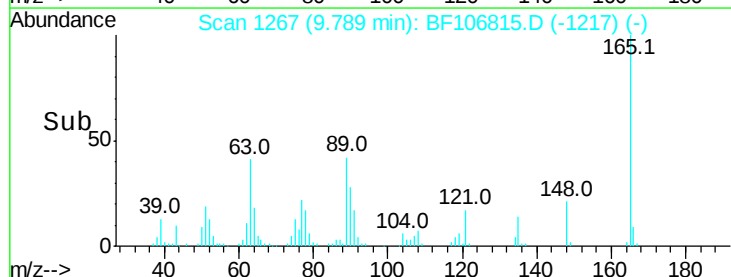
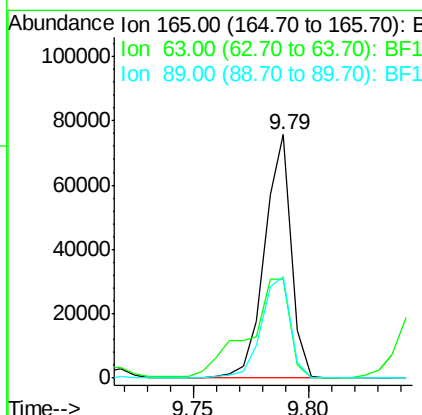
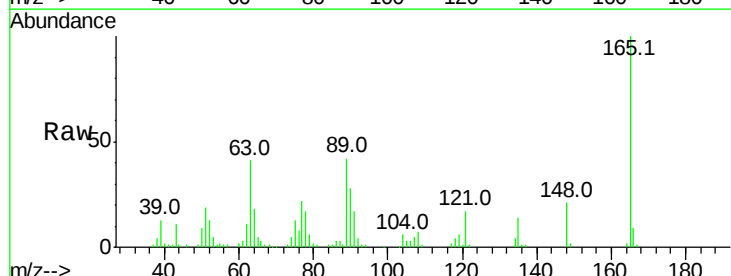
Manual Integrations
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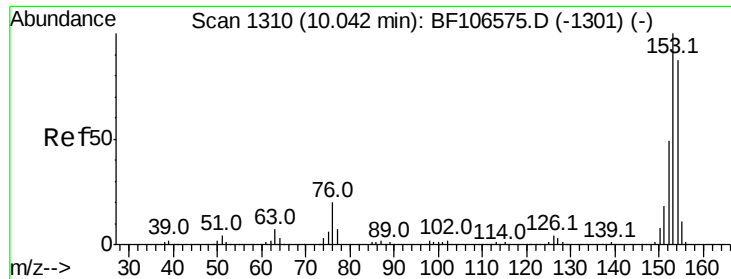
Sohil
6/27/2018 2:13:52 PM



#50
2,6-Dinitrotoluene
Concen: 37.183 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.8	44.7	67.1#
89	41.6	44.0	66.0#





#51

Acenaphthene

Concen: 32.527 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110533BS

Tot Ion:154 Resp: 208396

Ion Ratio Lower Upper

154 100

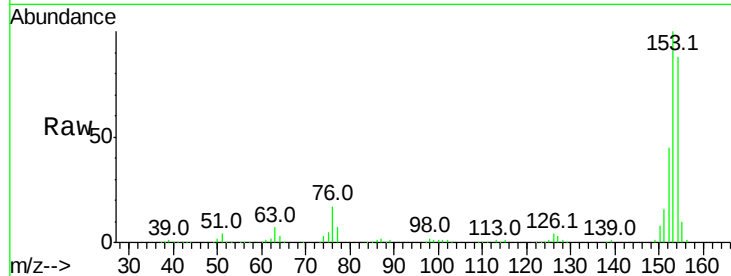
153 113.5 91.2 136.8

152 50.9 43.8 65.8

Manual Integrations
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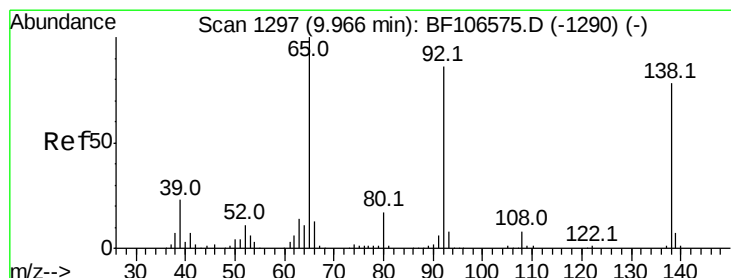
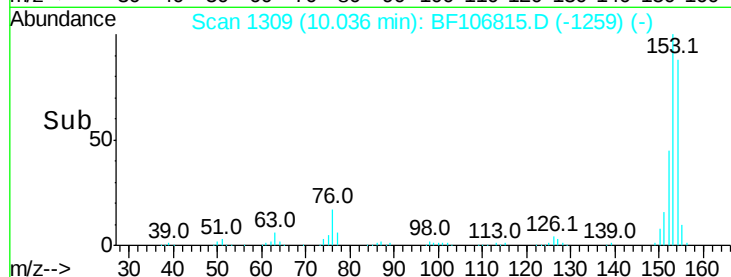
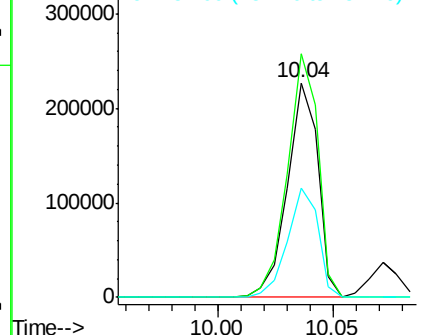
6/27/2018 2:13:52 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.441 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

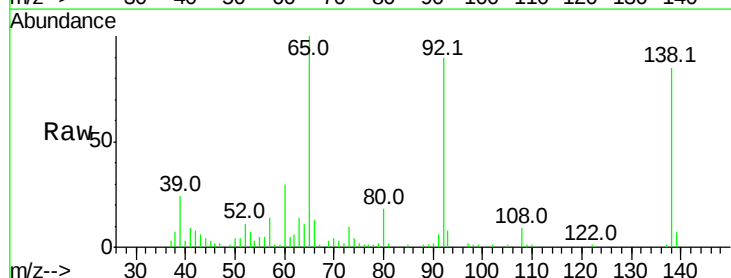
Tgt Ion:138 Resp: 32744

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

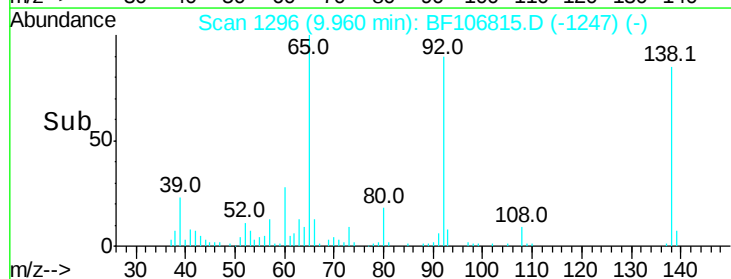
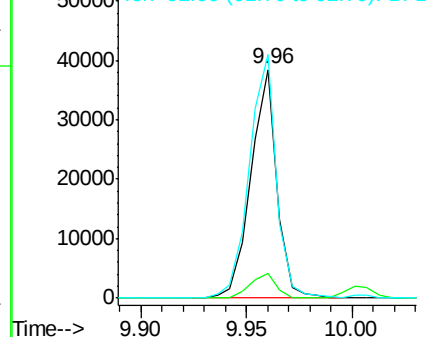
92 106.4 89.4 134.2

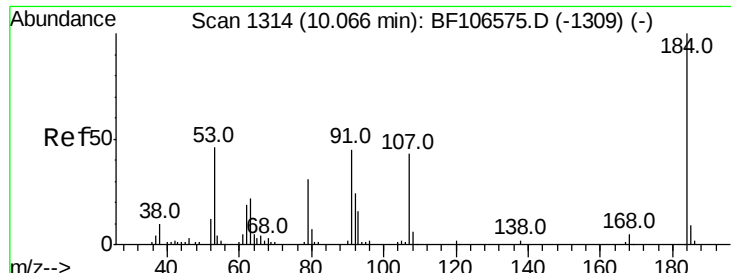


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





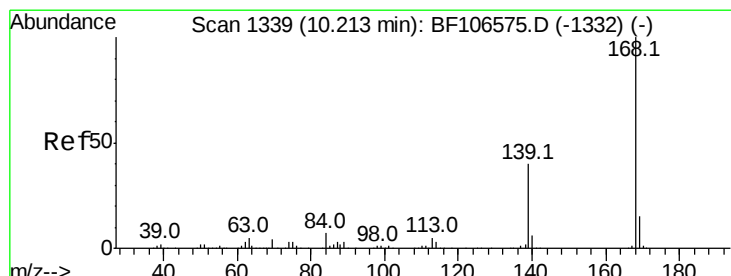
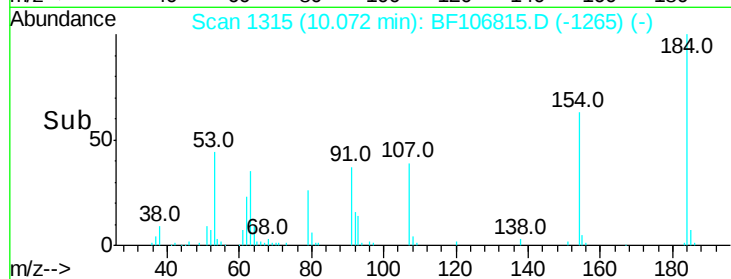
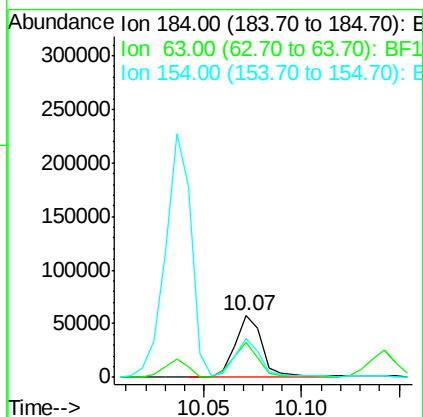
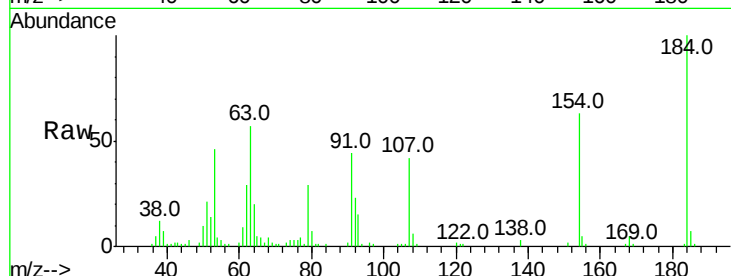
#53
 2,4-Dinitrophenol
 Concen: 68.112 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.5	54.2	81.2
154	63.3	184.0	276.0#

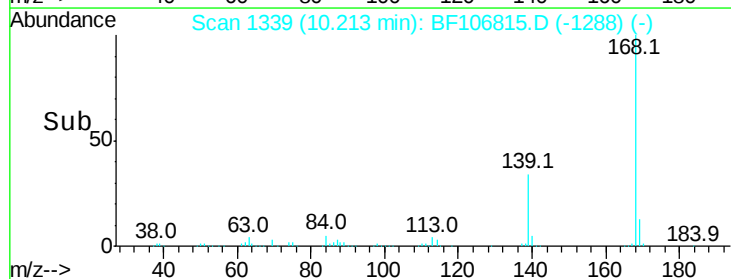
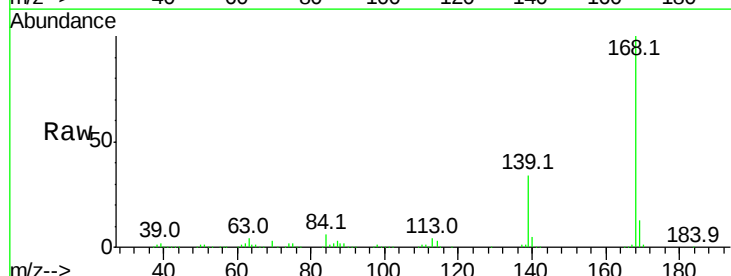
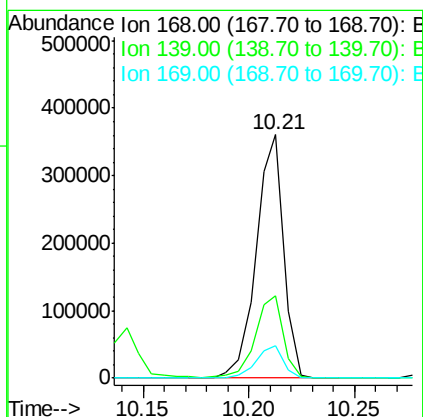
Manual Integrations
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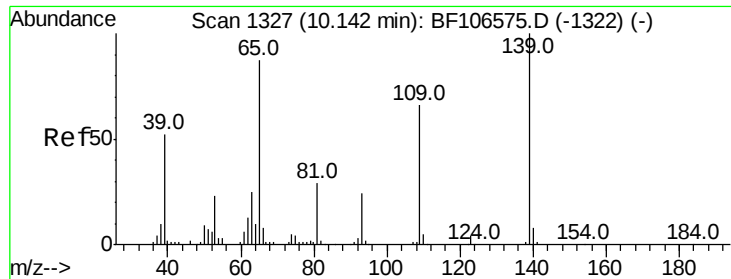
Sohil
 6/27/2018 2:13:52 PM



#54
 Dibenzofuran
 Concen: 37.026 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.1	45.1
169	13.2	10.9	16.3





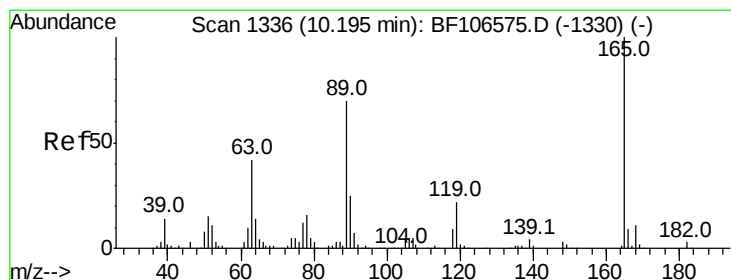
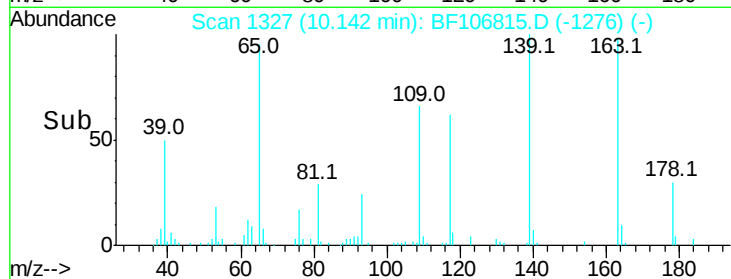
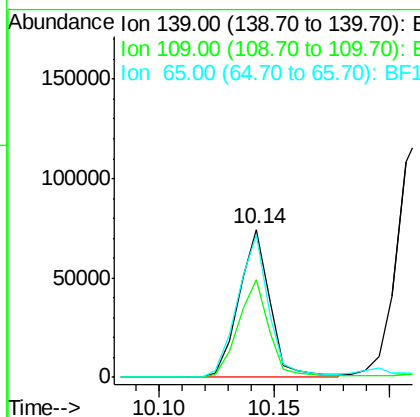
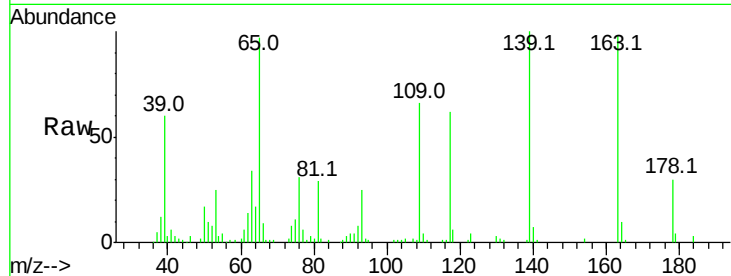
#55
4-Nitrophenol
Concen: 53.519 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.5	48.4	88.4
65	96.8	72.6	112.6

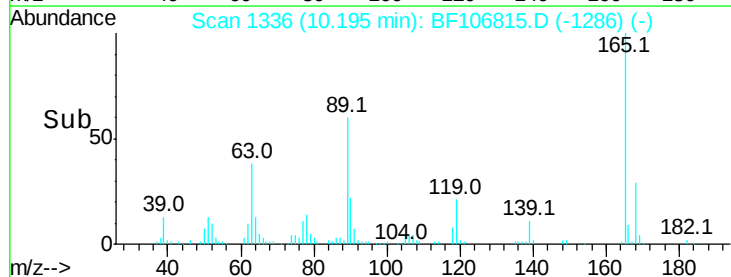
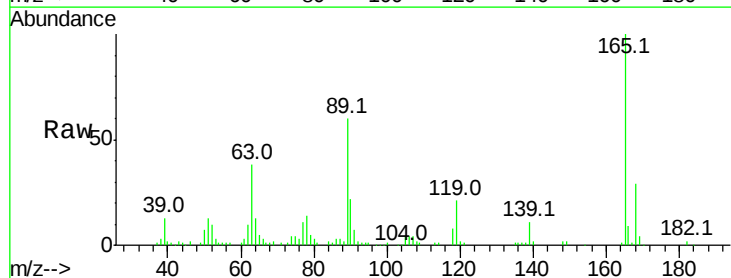
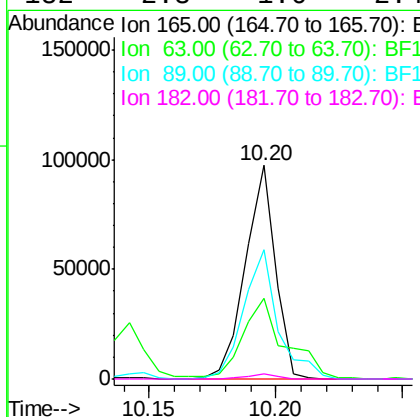
Manual Integrations
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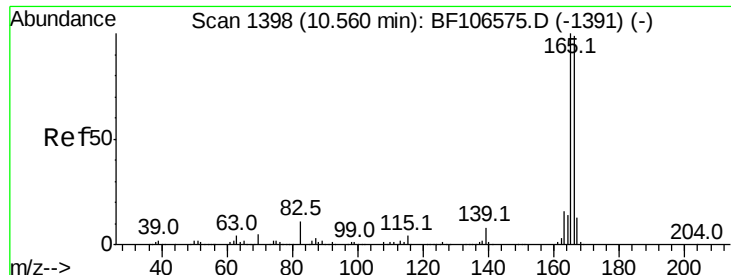
Sohil
6/27/2018 2:13:52 PM



#56
2,4-Dinitrotoluene
Concen: 37.868 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.9	36.4	54.6
89	60.3	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 36.277 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

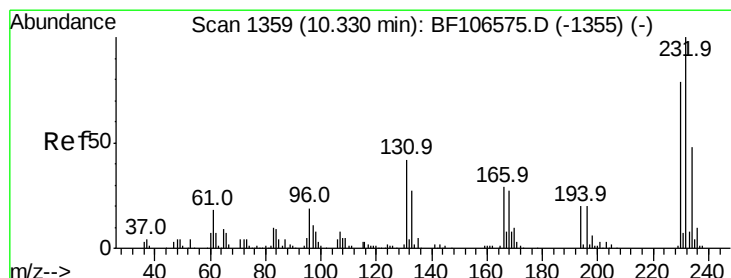
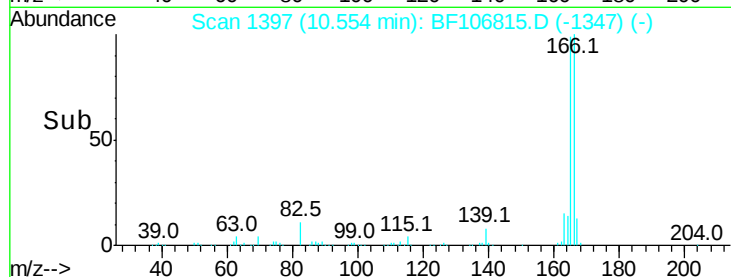
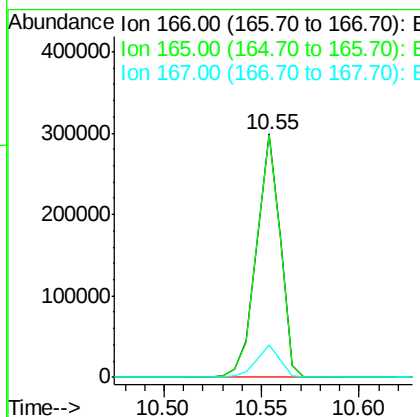
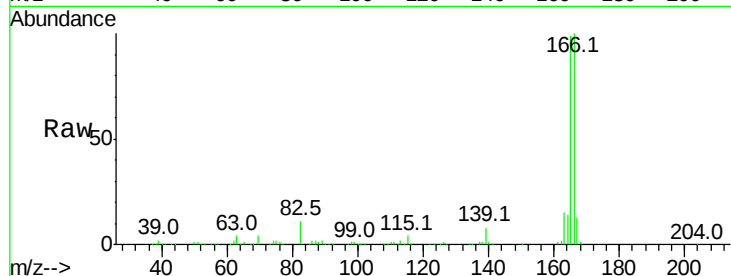
ClientSampleId :

PB110533BS

Tot Ion:	166	Resp:	252551
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.087 ng

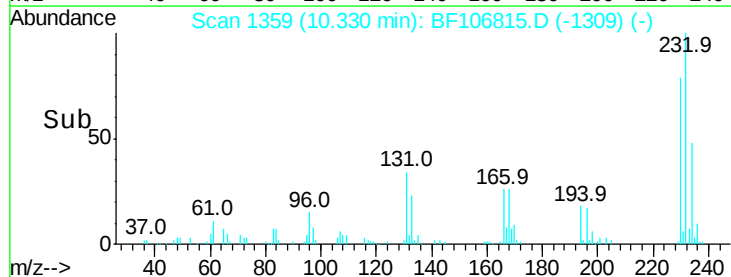
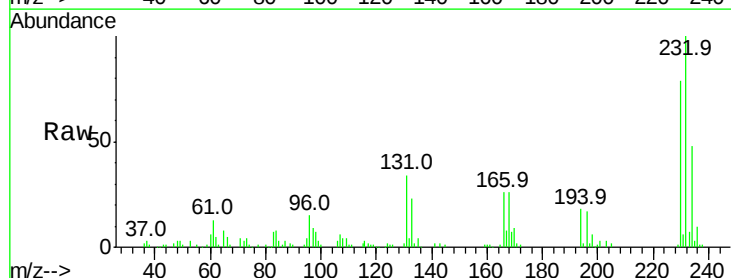
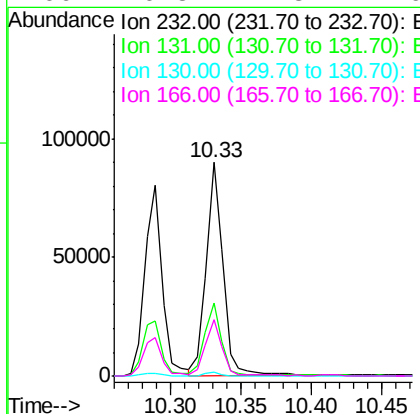
RT: 10.33 min Scan# 1359

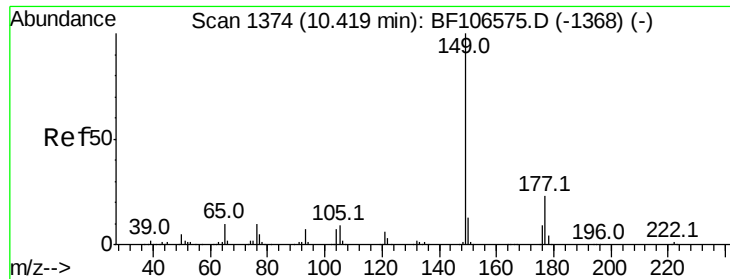
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	232	Resp:	74557
Ion Ratio	Lower	Upper	
232	100		
131	35.7	43.8	65.8#
130	1.5	2.1	3.1#
166	26.8	27.8	41.6#





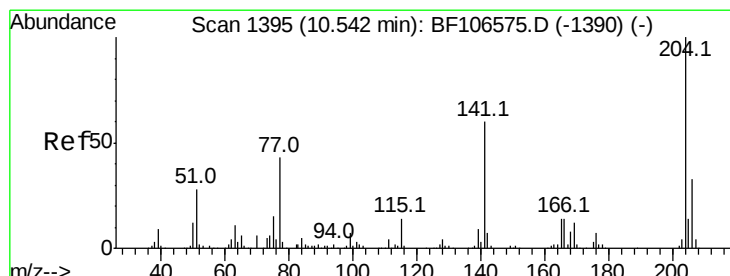
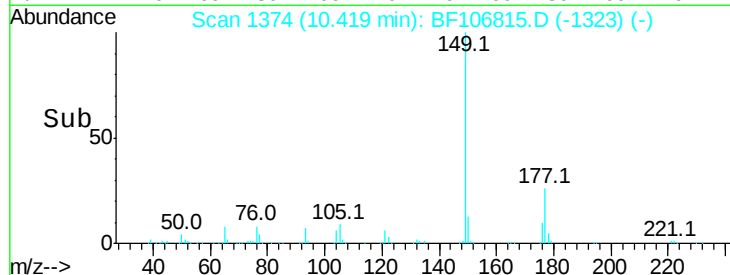
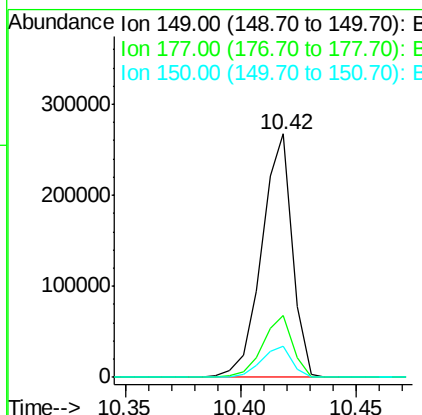
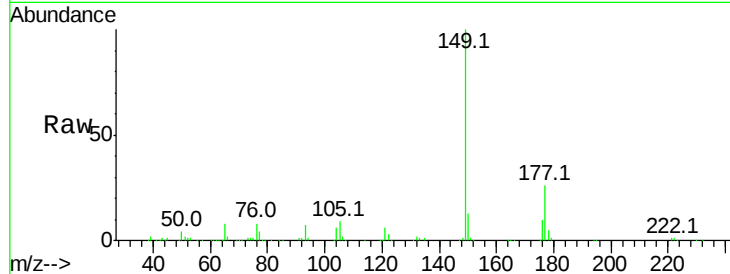
#59
Diethylphthalate
Concen: 33.167 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.6	16.1	24.1#
150	12.6	10.1	15.1

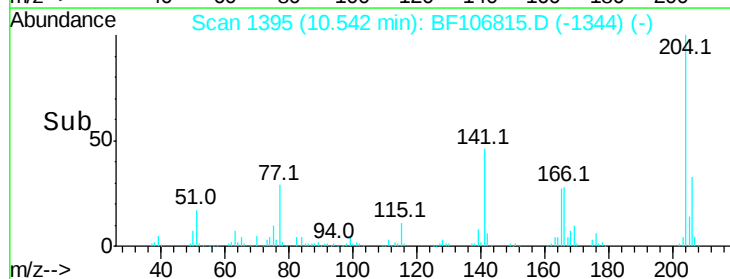
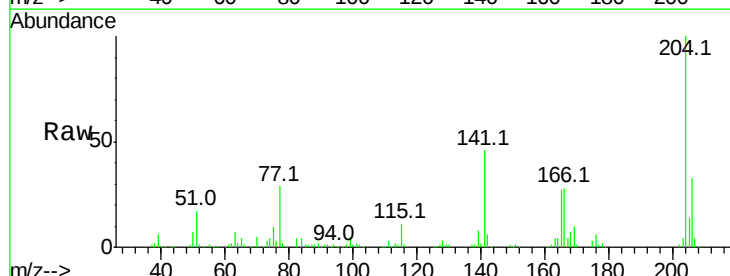
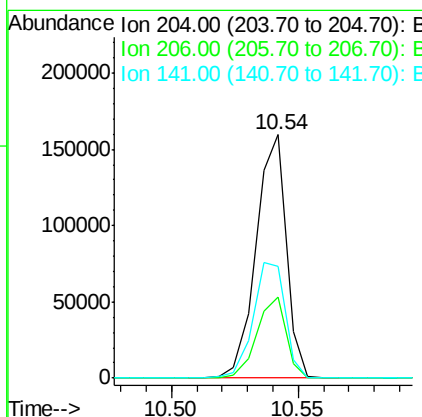
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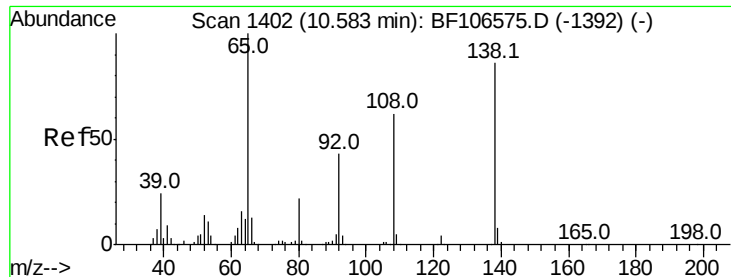
Sohil
6/27/2018 2:13:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.560 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	46.1	54.6	81.8#





#61

4-Nitroaniline

Concen: 30.101 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

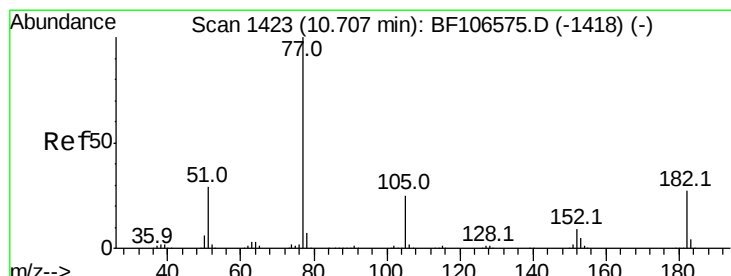
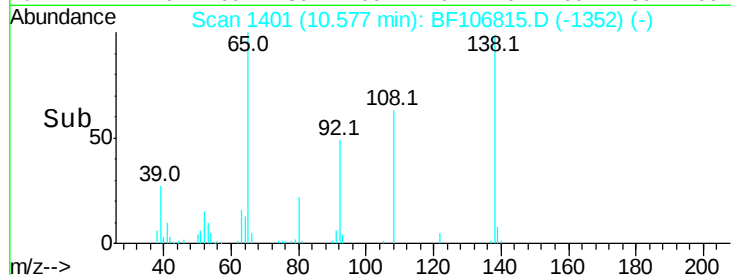
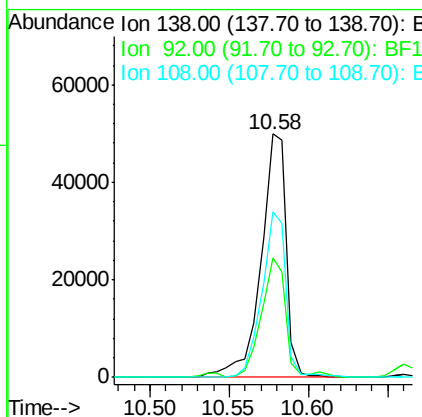
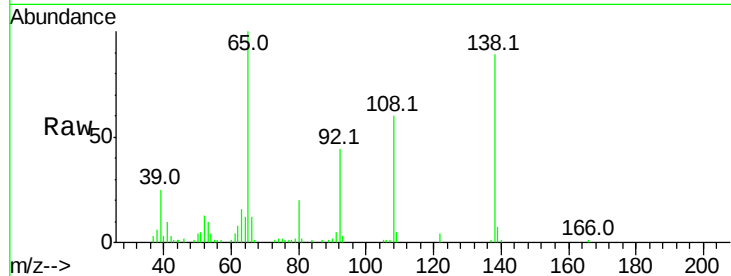
ClientSampleId :

PB110533BS

Tot Ion:	138	Resp:	56086
Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.2	70.2
108	68.2	52.5	92.5

Manual Integrations
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#62

Azobenzene

Concen: 32.059 ng

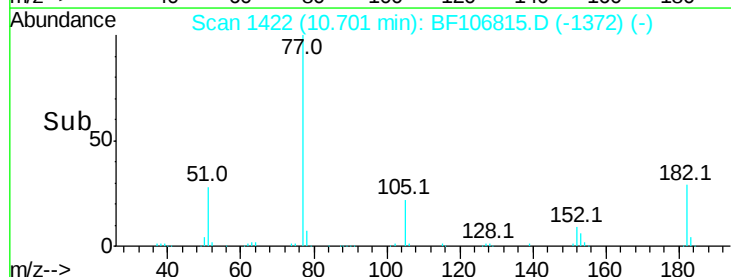
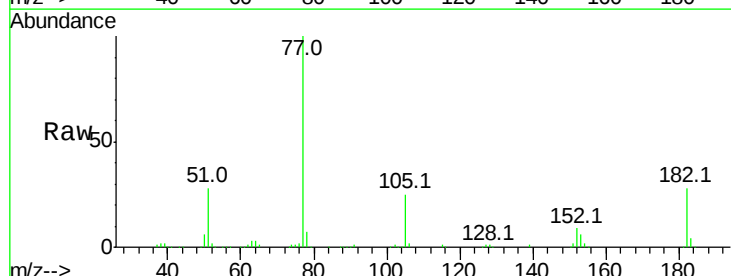
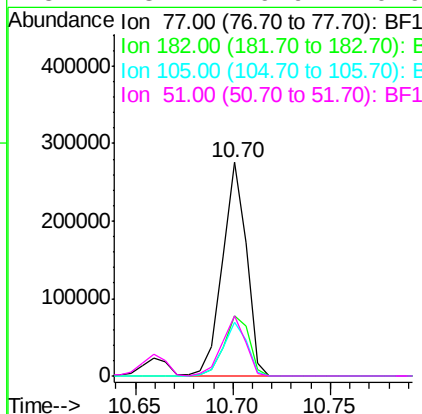
RT: 10.70 min Scan# 1422

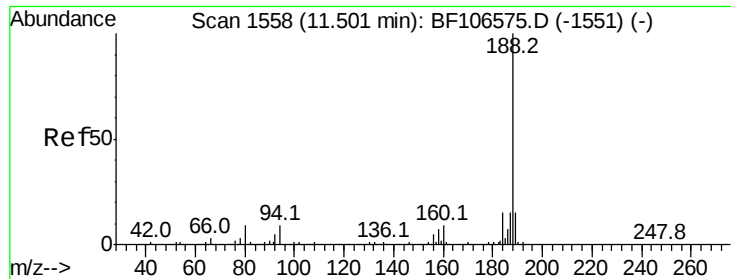
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	77	Resp:	234769
Ion	Ratio	Lower	Upper
77	100		
182	28.3	1.7	41.7
105	25.1	3.0	43.0
51	28.2	9.9	49.9





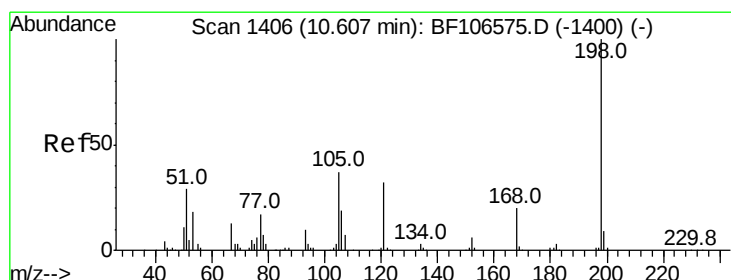
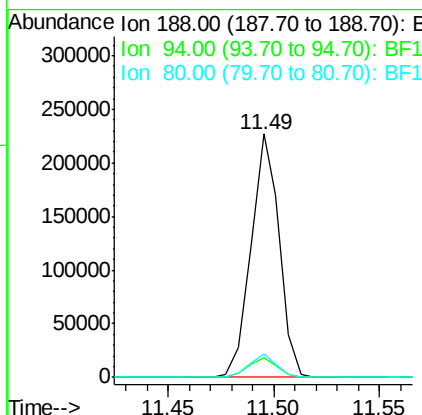
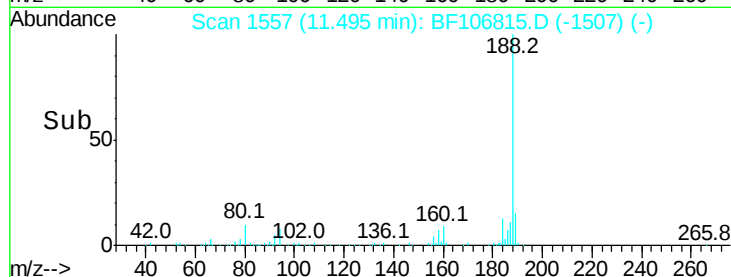
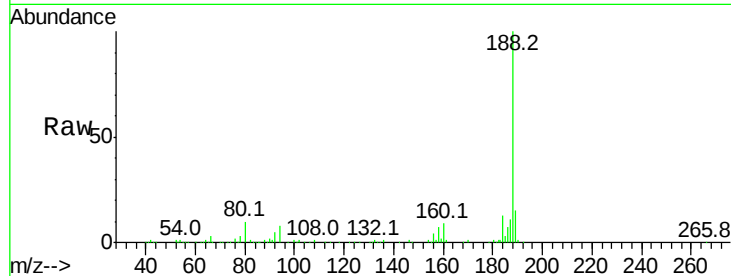
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	209907		
94	8.2		8.5	12.7#
80	9.7		9.2	13.8

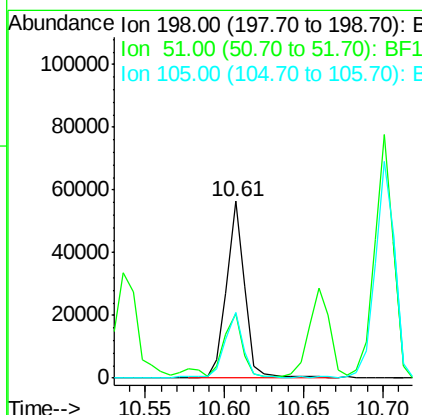
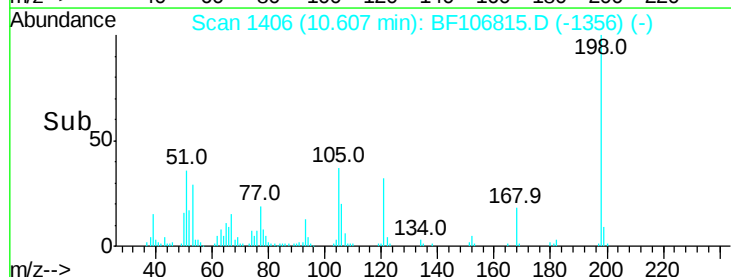
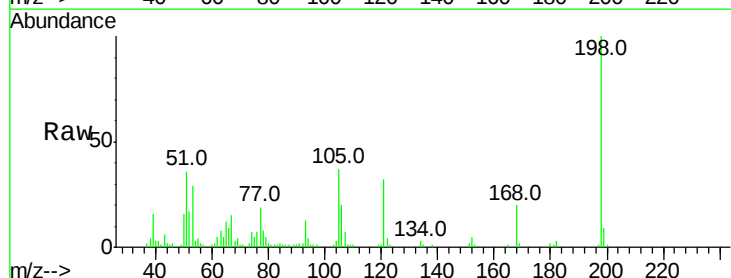
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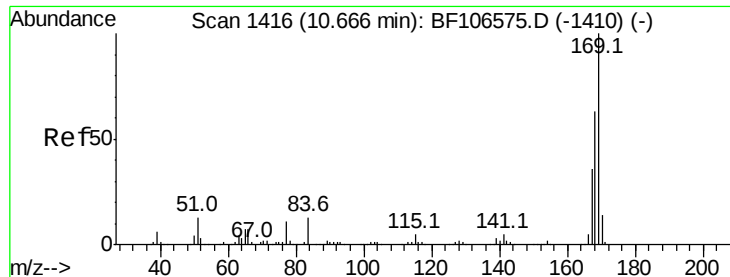
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.903 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45288		
51	36.1		37.7	77.7#
105	37.1		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 31.239 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110533BS

Tot Ion:169 Resp: 220558

Ion Ratio Lower Upper

169 100

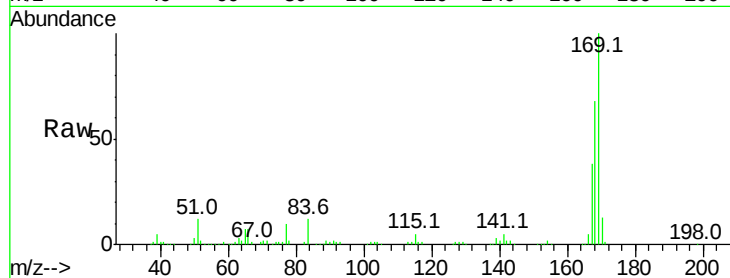
168 68.3 54.4 81.6

167 38.0 29.8 44.6

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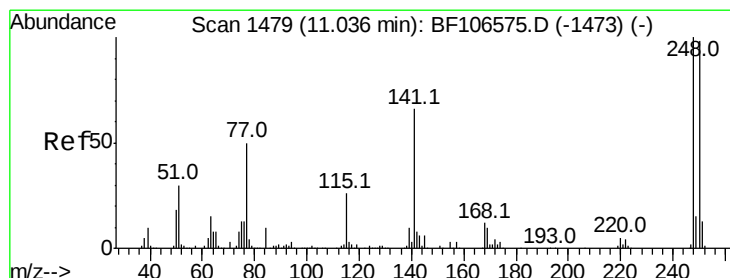
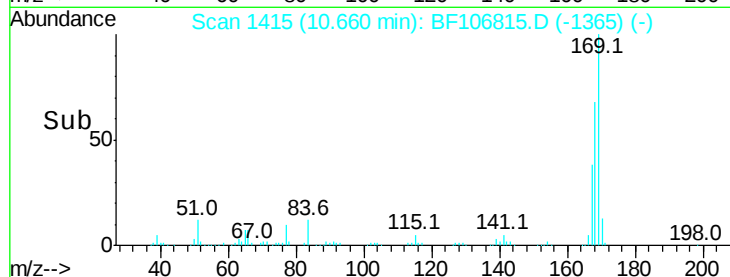
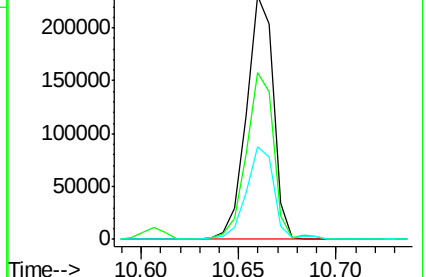
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.893 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

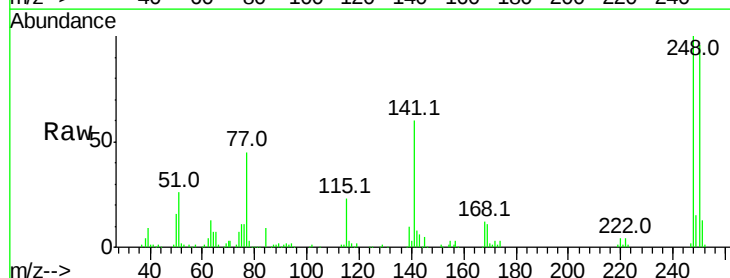
Tgt Ion:248 Resp: 92422

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

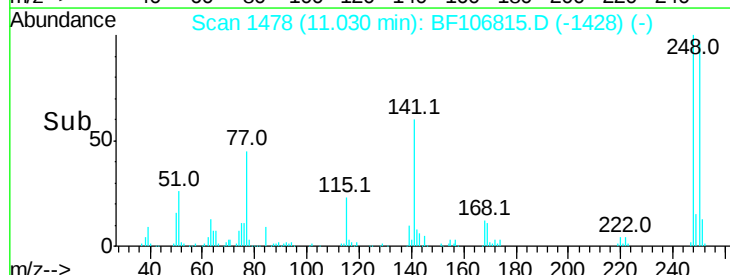
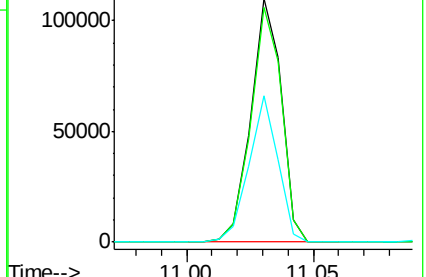
141 59.9 74.4 111.6#

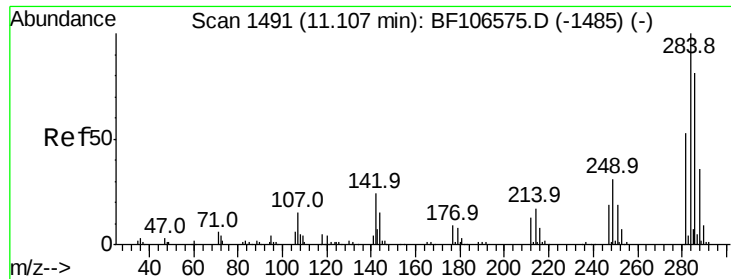


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





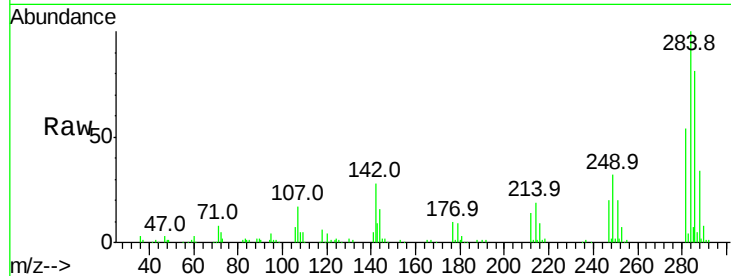
#67
Hexachlorobenzene
Concen: 36.694 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

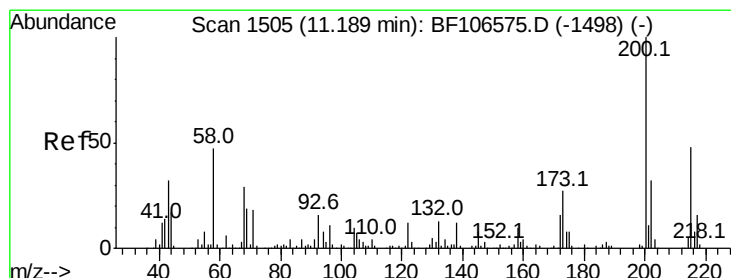
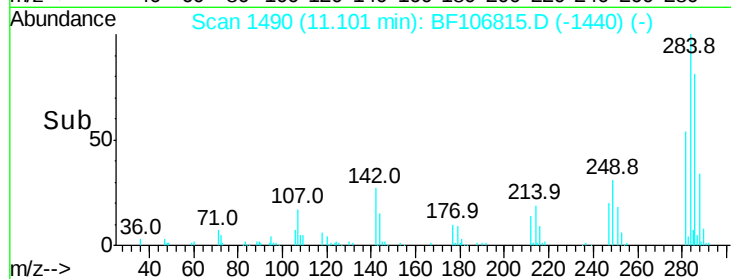
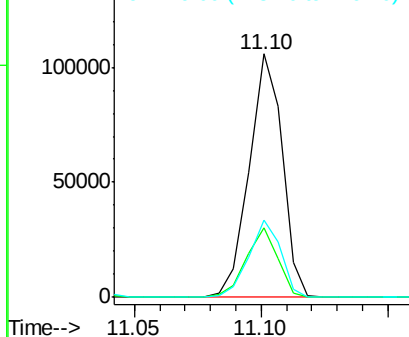
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.5	34.6	52.0#
249	31.8	24.8	37.2

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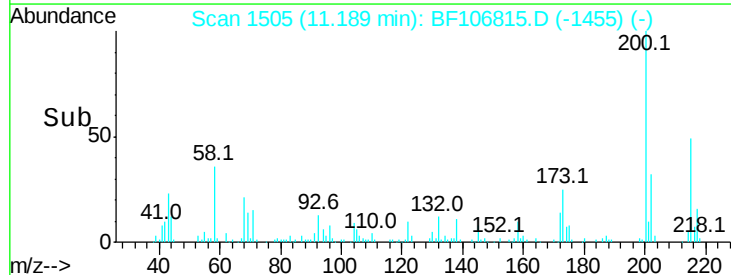
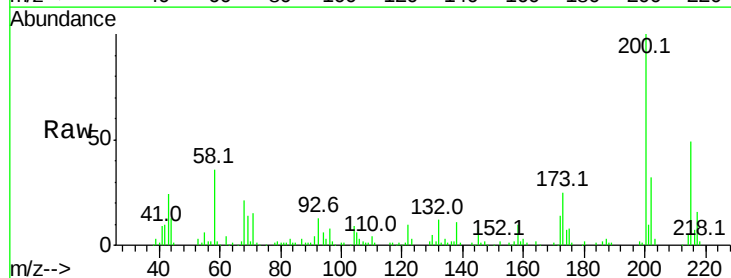
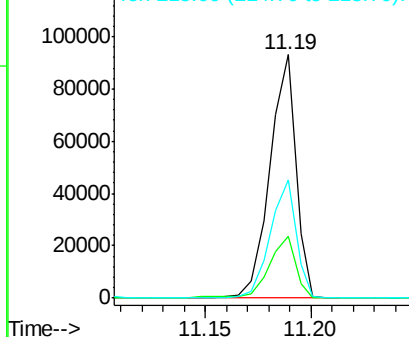
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

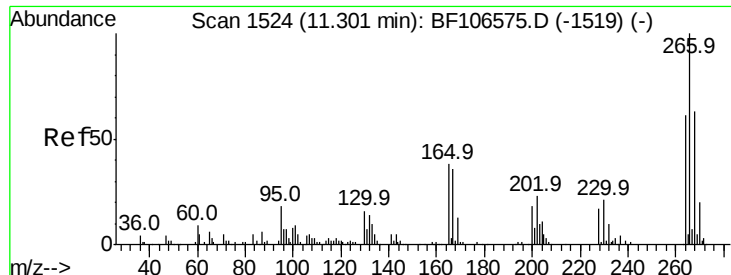


#68
Atrazine
Concen: 35.639 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.6	48.6
215	48.6	25.1	65.1

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





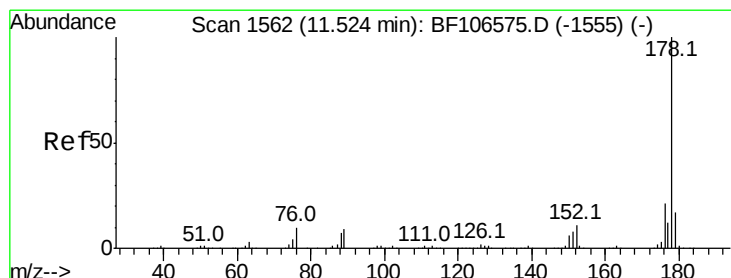
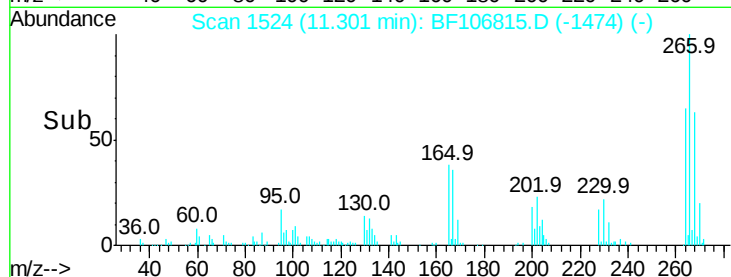
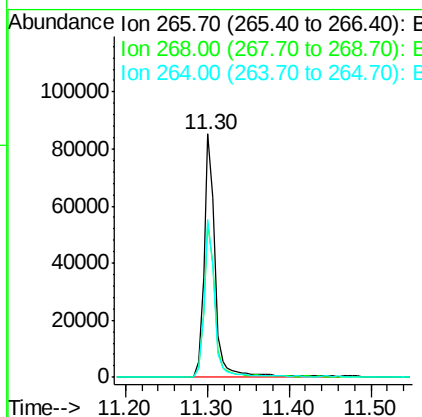
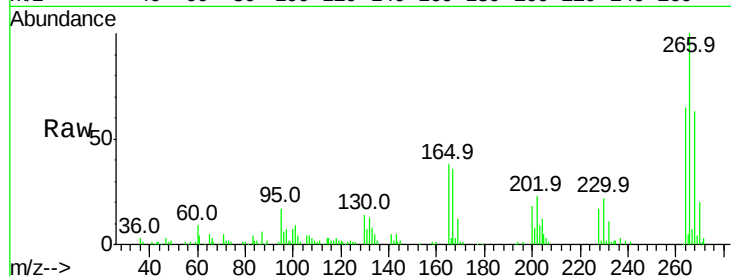
#69
 Pentachlorophenol
 Concen: 62.725 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	64.9	49.5	74.3

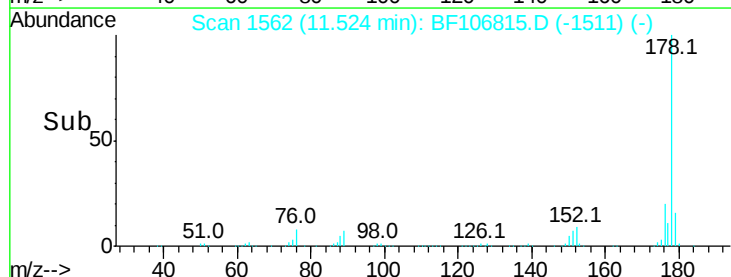
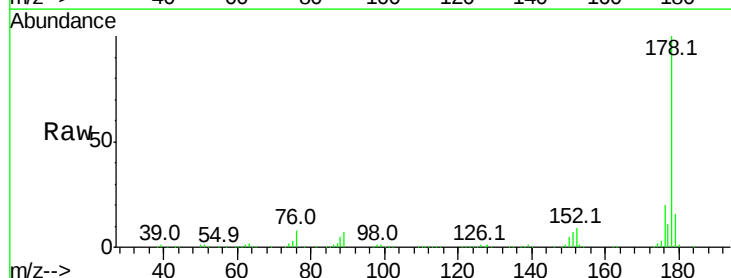
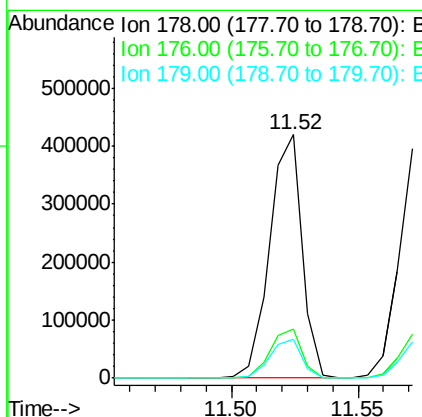
Manual Integrations
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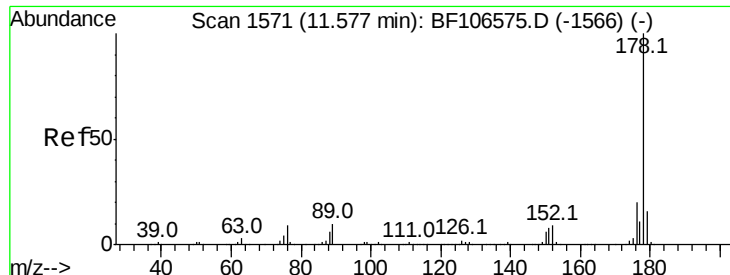
Sohil
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#70
 Phenanthrene
 Concen: 37.302 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





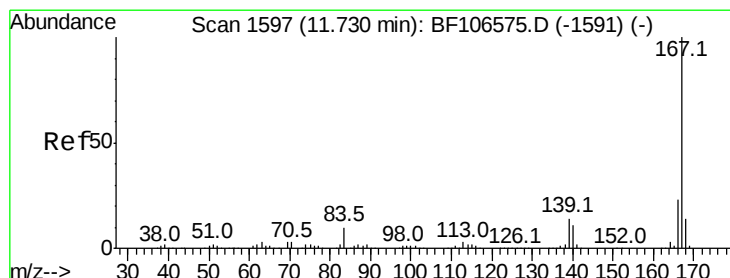
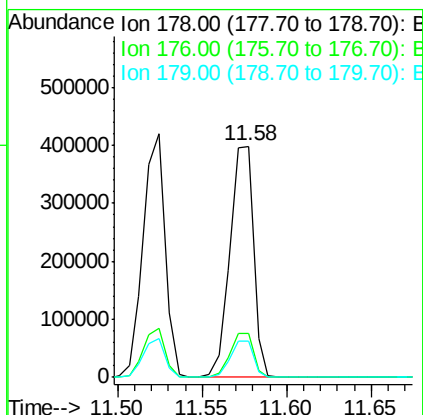
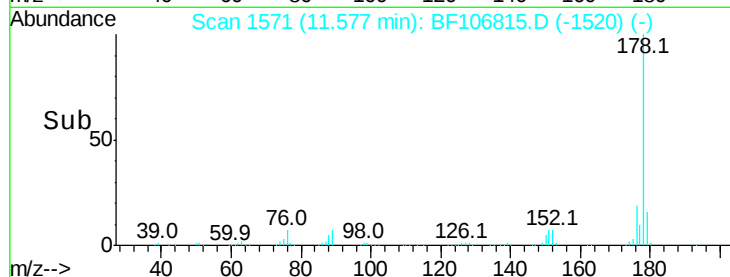
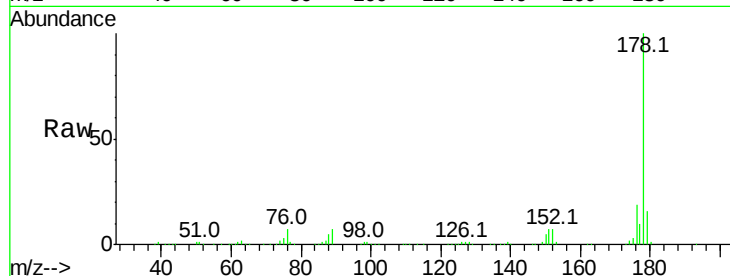
#71
 Anthracene
 Concen: 37.440 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

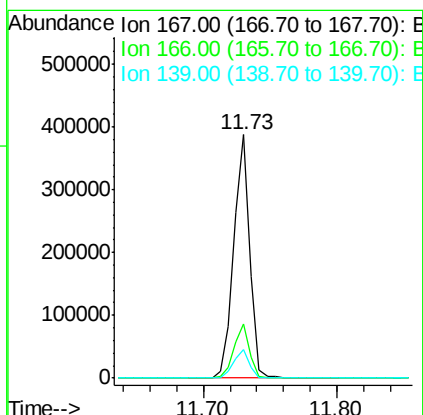
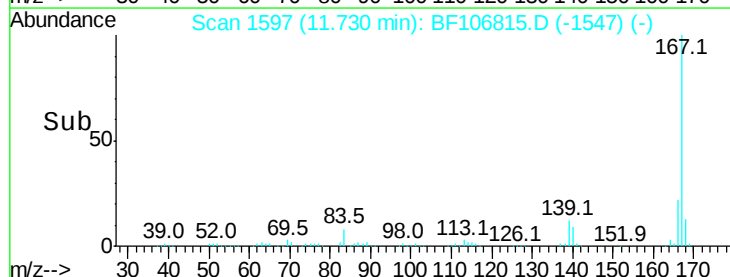
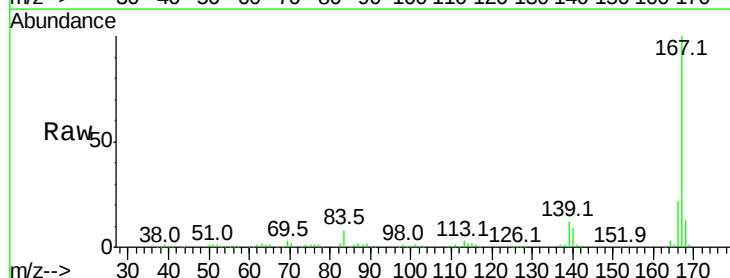
Manual Integrations
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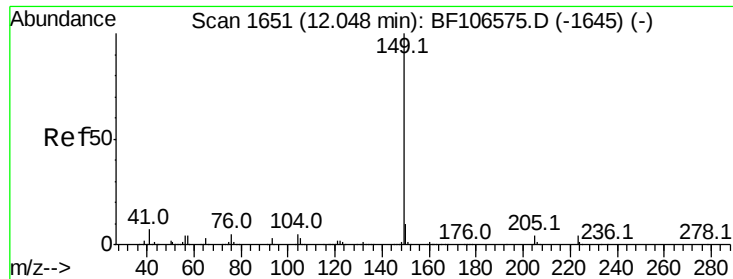
Sohil
 6/27/2018 2:13:52 PM



#72
 Carbazole
 Concen: 33.959 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	11.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.256 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

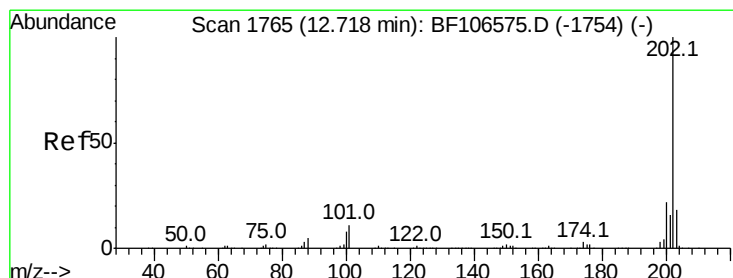
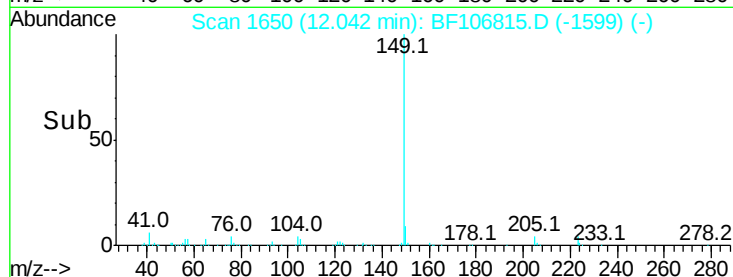
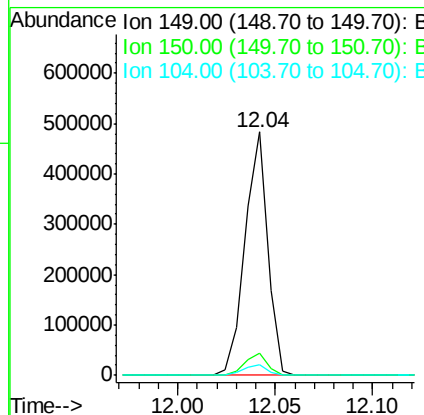
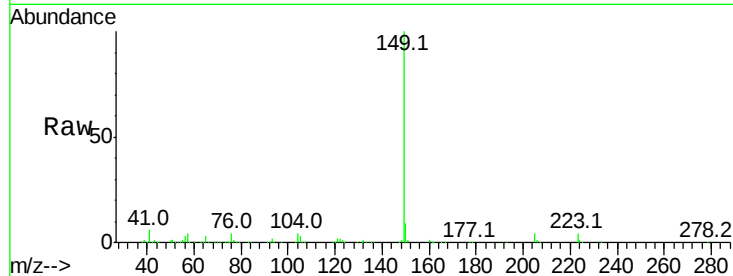
ClientSampleId :

PB110533BS

Tot Ion:	149	Resp:	390454
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.3	3.8	5.8

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#74

Fluoranthene

Concen: 36.330 ng

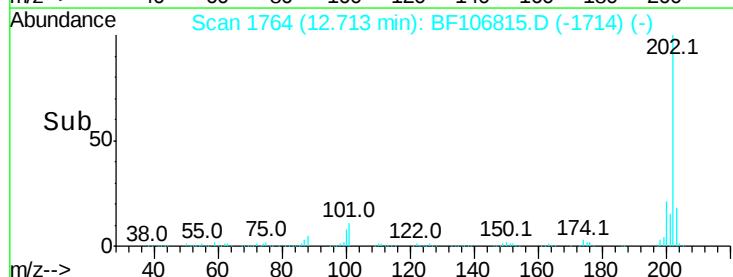
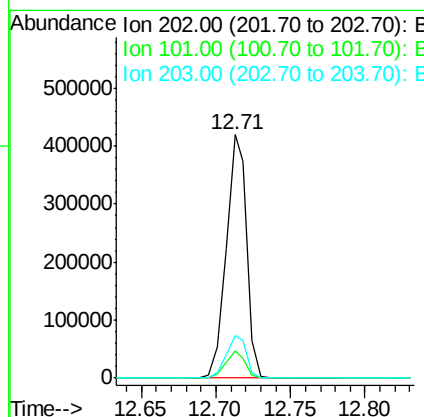
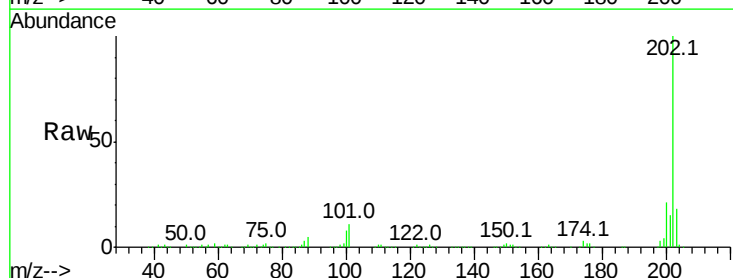
RT: 12.71 min Scan# 1764

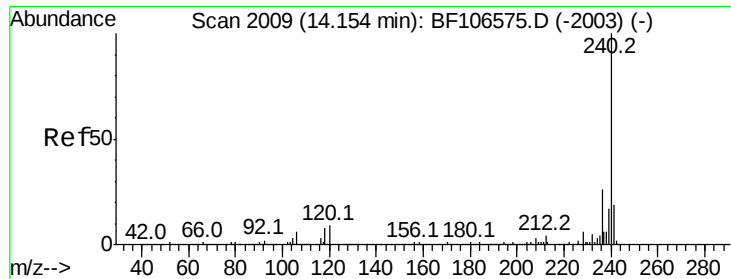
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	202	Resp:	405399
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

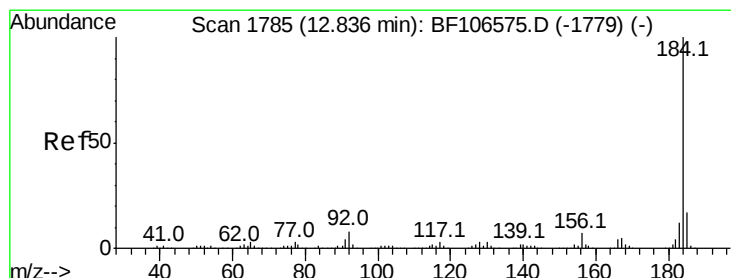
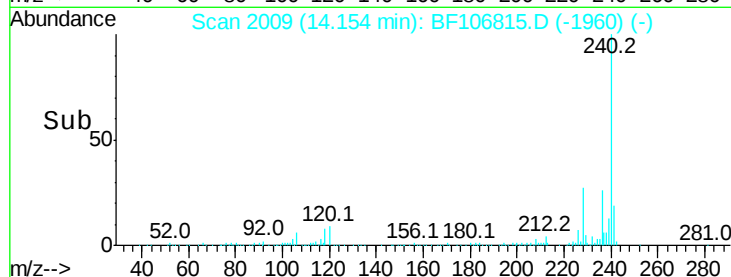
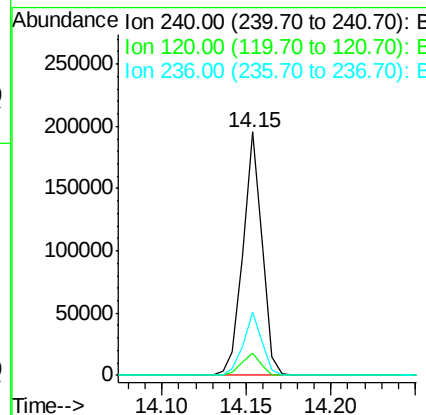
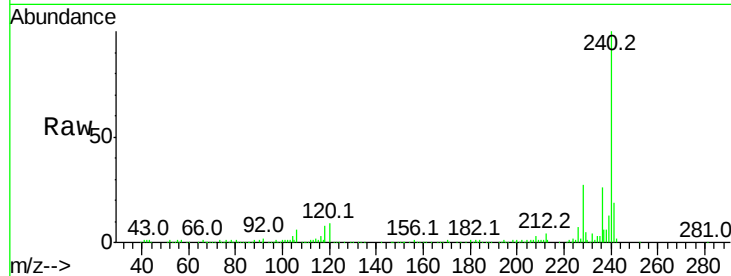
ClientSampled :

PB110533BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 20.163 ng

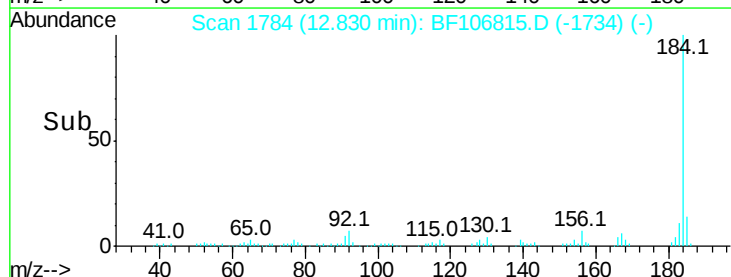
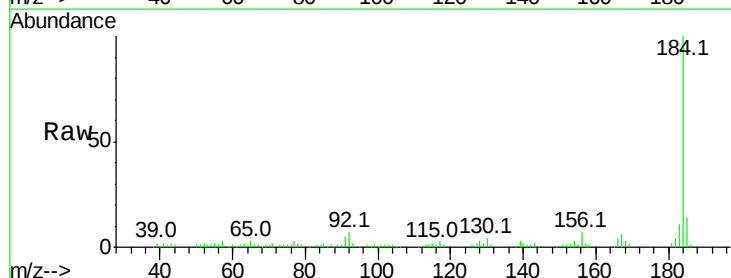
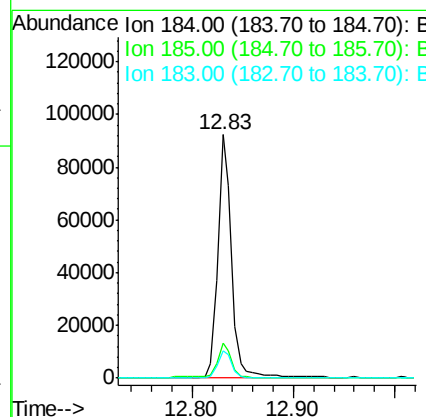
RT: 12.83 min Scan# 1784

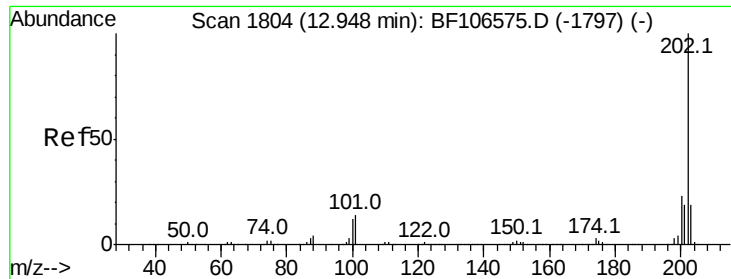
Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.3	9.3	13.9





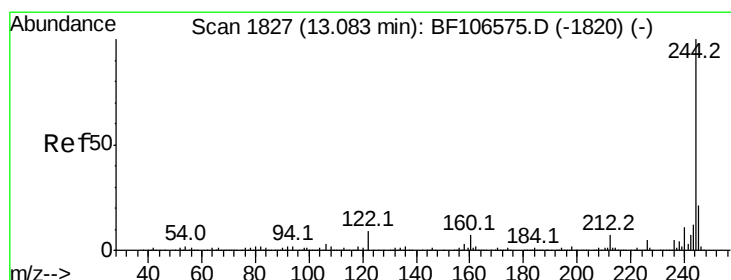
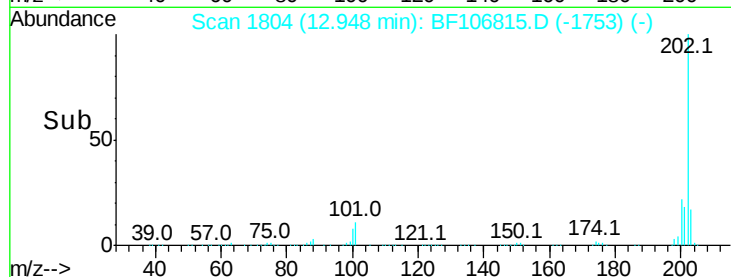
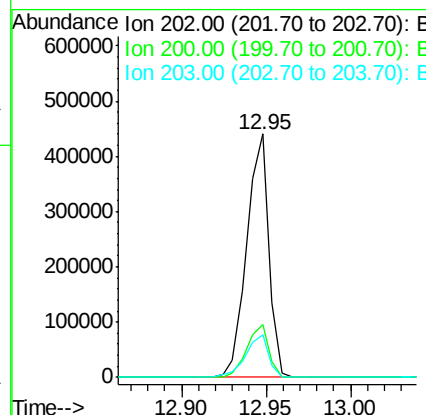
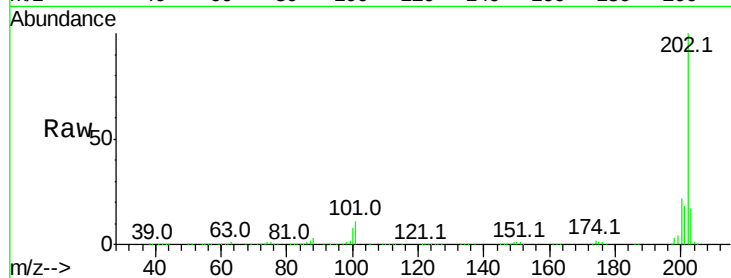
#77
Pvrene
Concen: 39.948 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.4	14.3	21.5

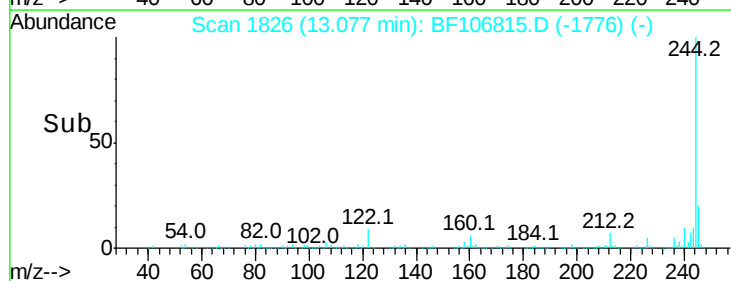
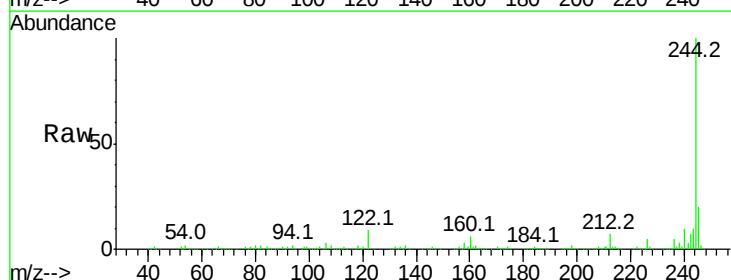
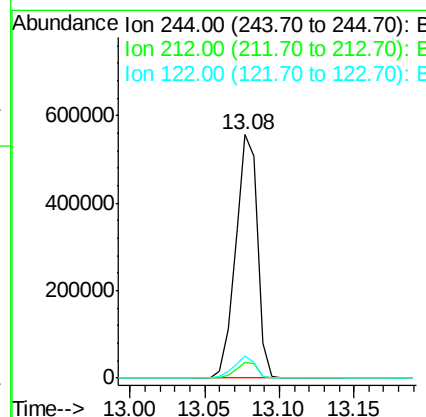
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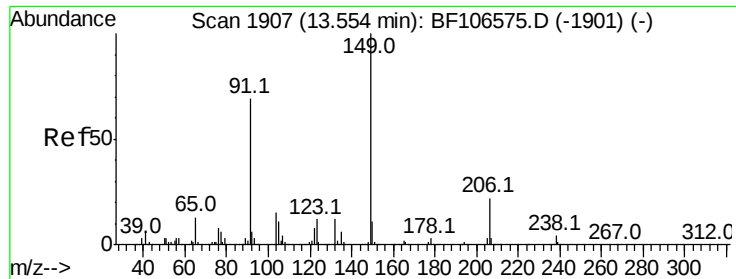
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#78
Terphenyl-d14
Concen: 90.767 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.9	11.0	16.4#





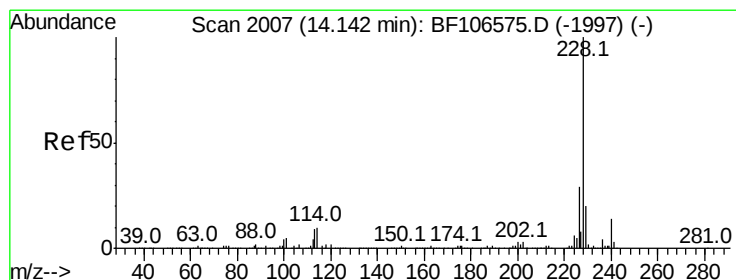
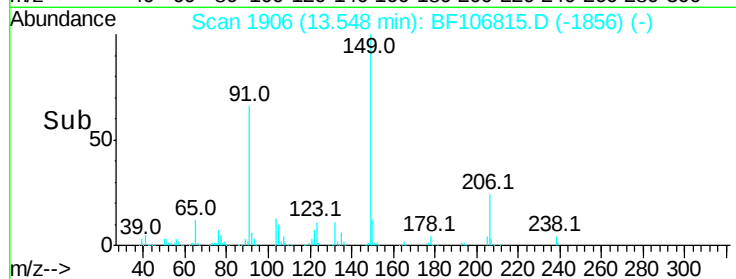
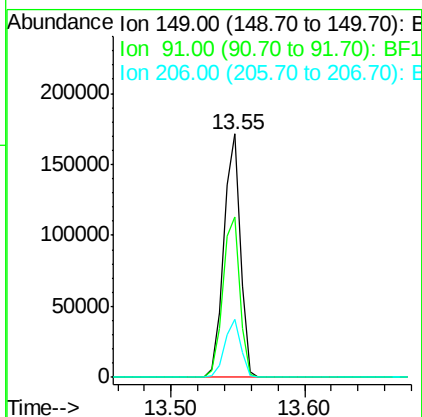
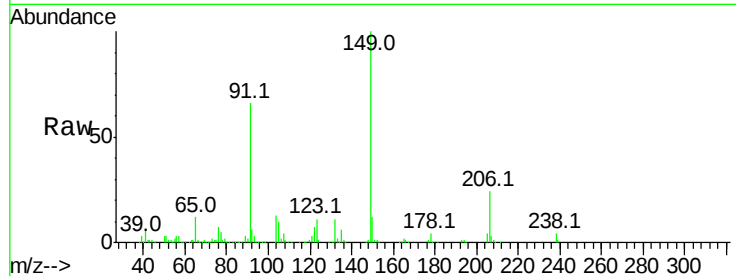
#79
Butylbenzylphthalate
Concen: 36.286 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	150395		
91	65.6	56.8	85.2	
206	23.7	14.1	21.1	

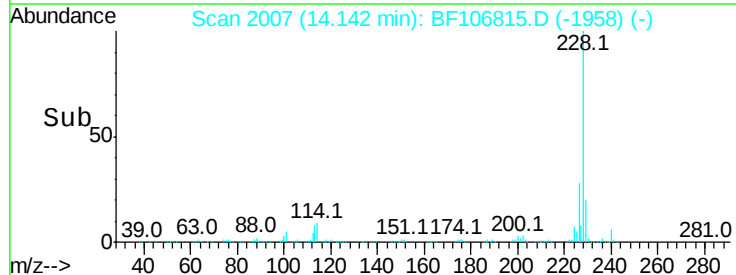
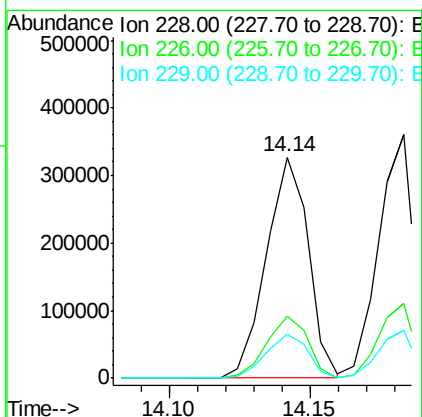
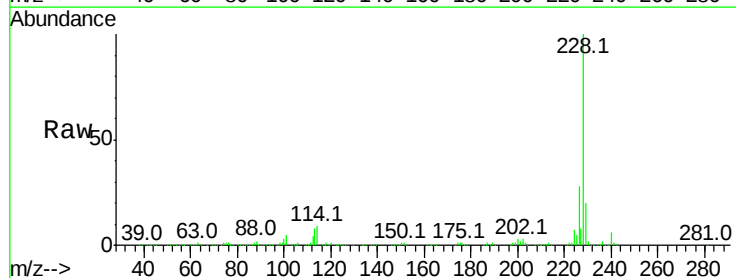
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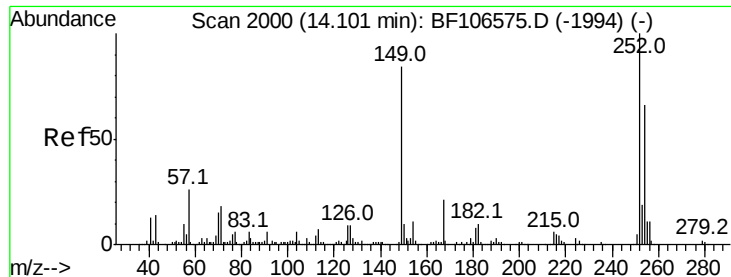
Sohil
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#80
Benzo(a)anthracene
Concen: 36.166 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	336960		
226	28.2	22.6	33.8	
229	20.0	15.8	23.6	





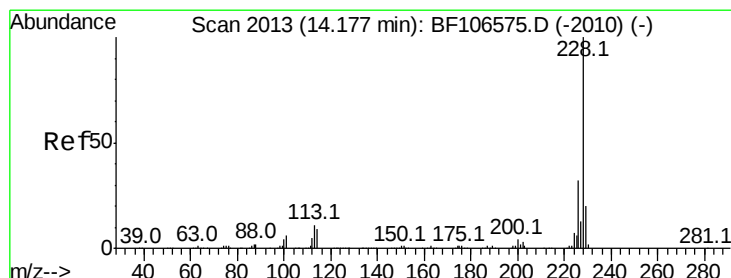
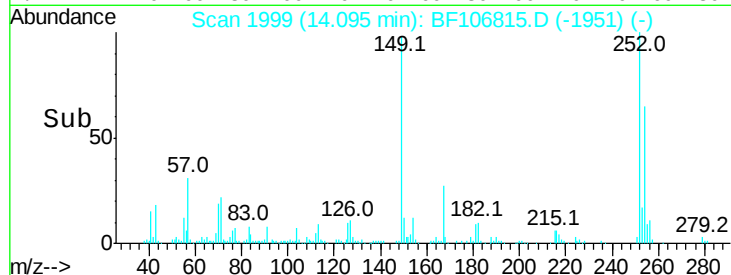
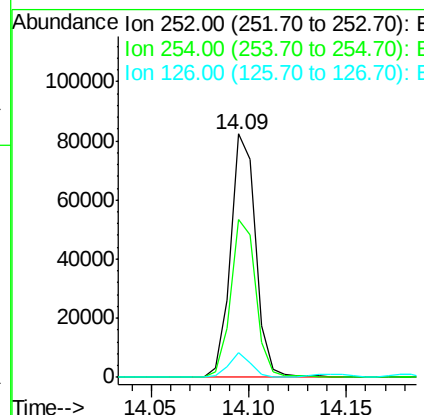
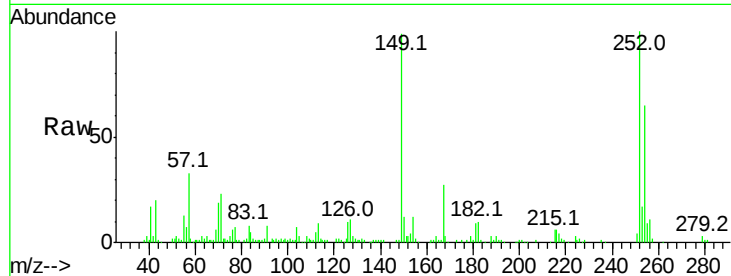
#81
 3,3'-Dichlorobenzidine
 Concen: 22.377 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.8	50.4	75.6
126	10.0	11.3	16.9

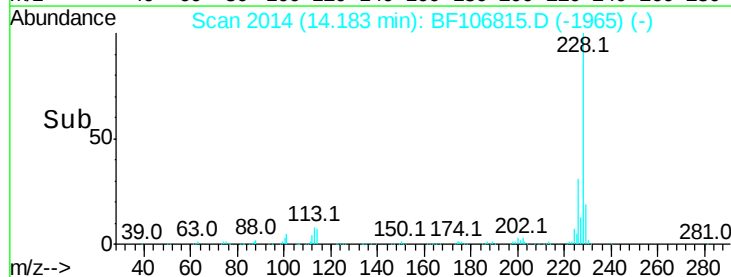
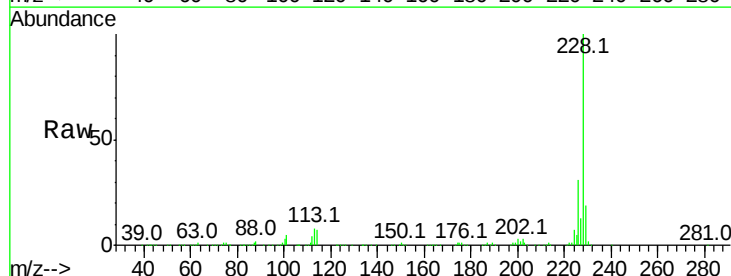
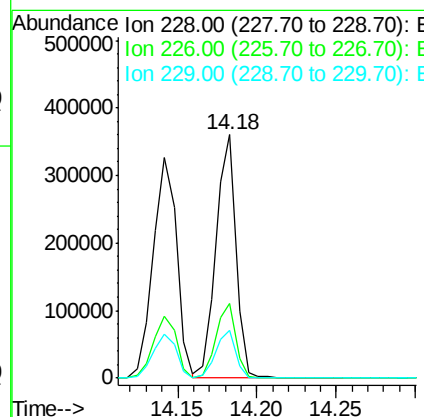
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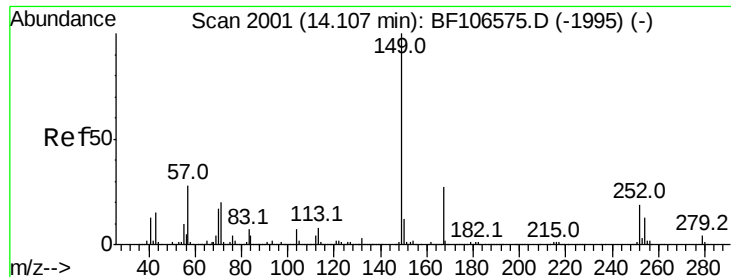
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#82
 Chrysene
 Concen: 36.930 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.954 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

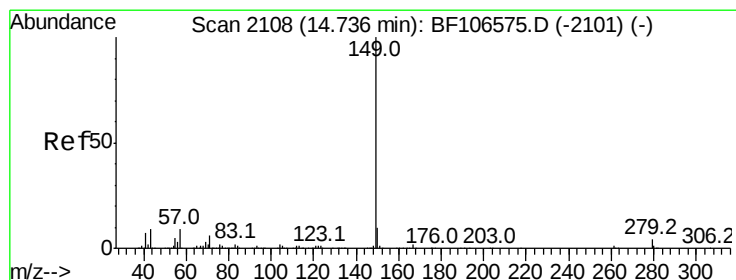
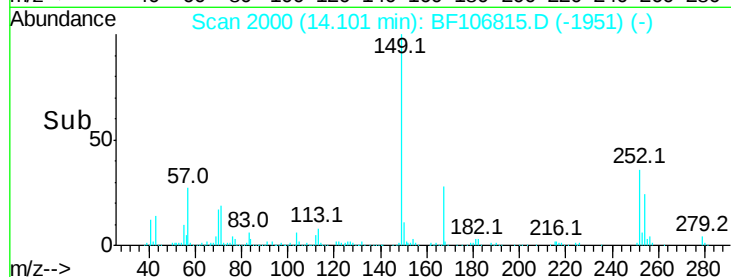
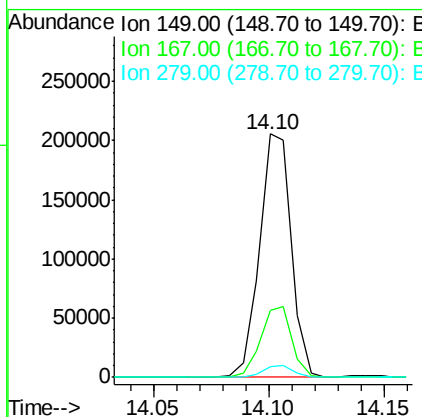
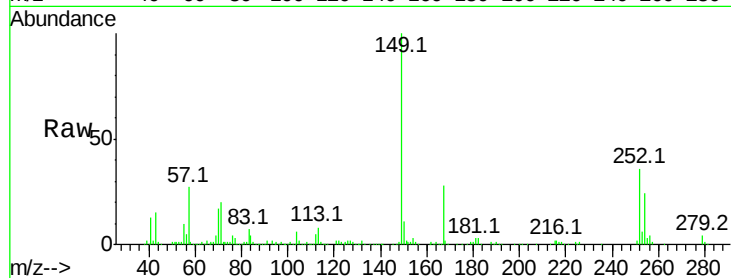
ClientSampleId :

PB110533BS

Tot Ion:	149	Resp:	195814
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.3	31.9
279	4.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 34.526 ng

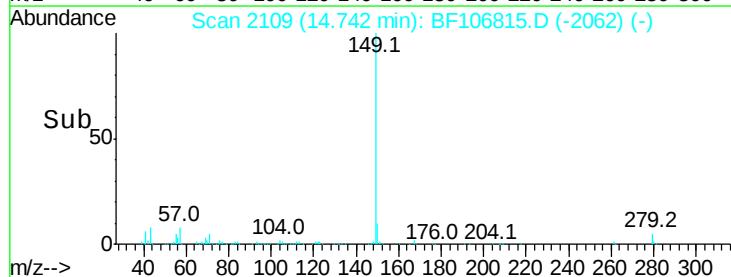
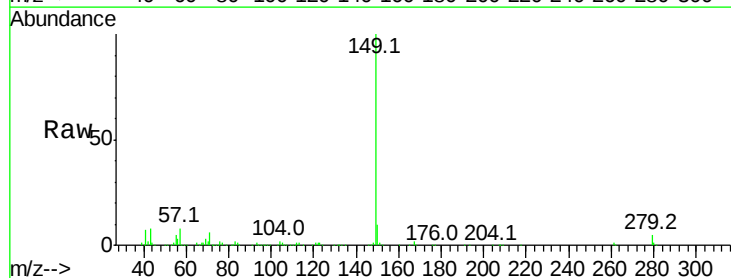
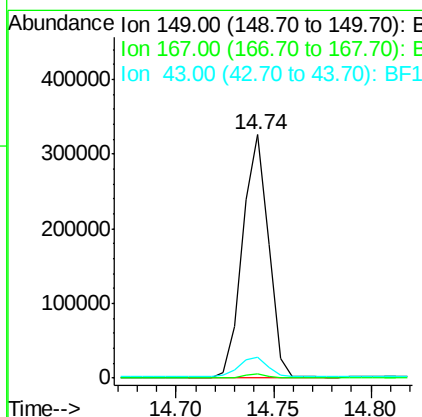
RT: 14.74 min Scan# 2109

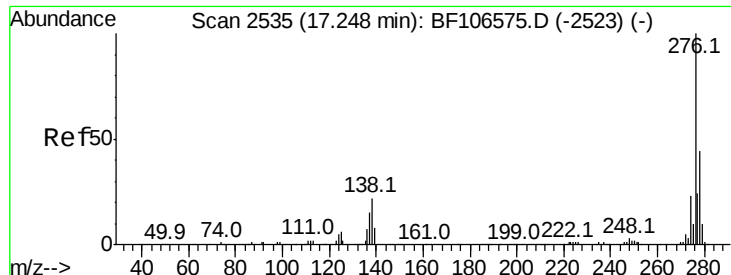
Delta R.T. -0.02 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion:	149	Resp:	298216
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.2	1.8#
43	9.0	8.4	12.6





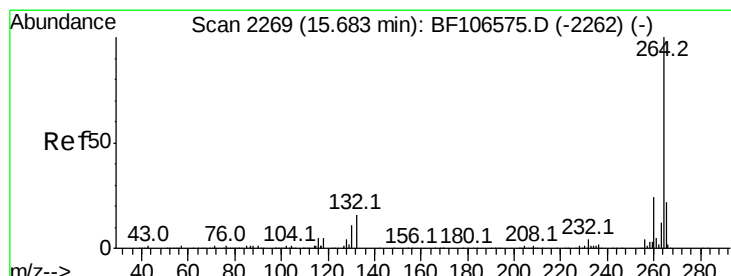
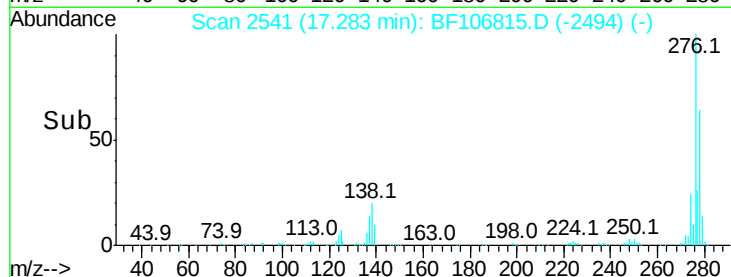
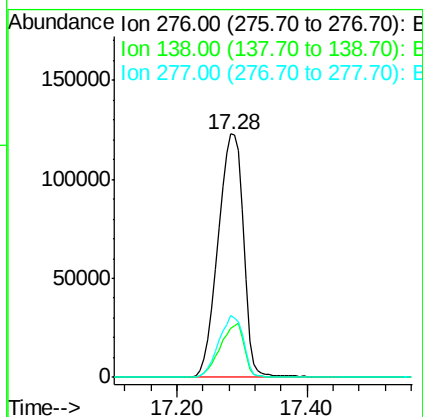
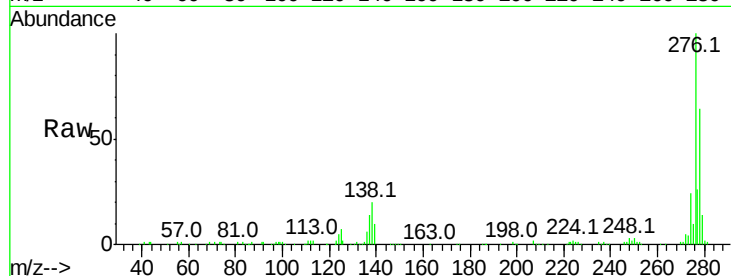
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.837 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.8	20.1	30.1

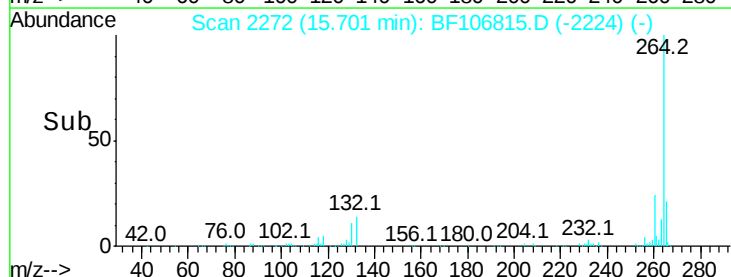
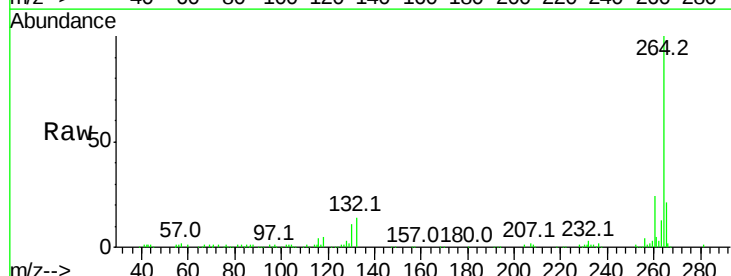
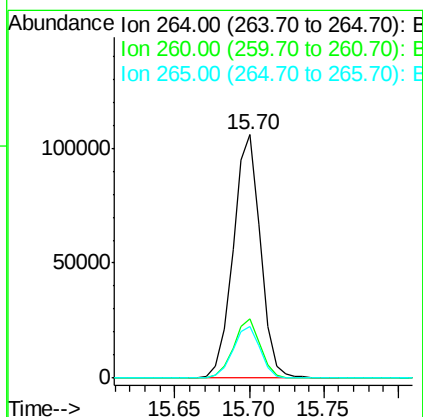
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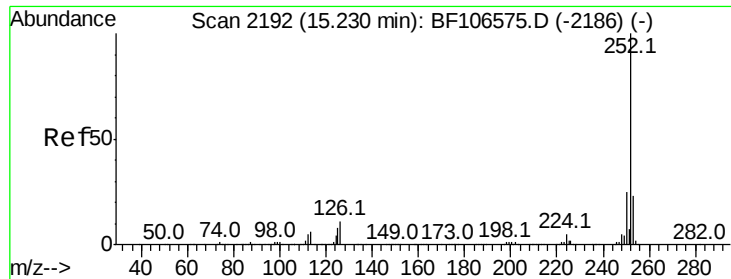
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 36.009 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Instrument :

BNA_F

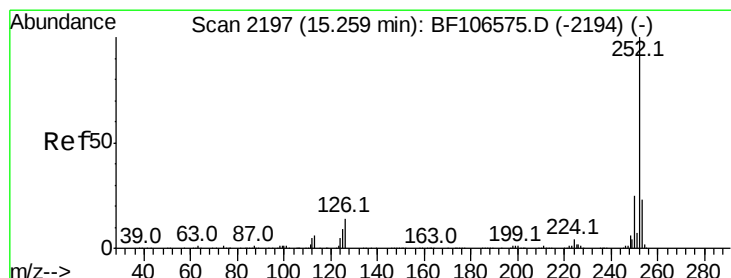
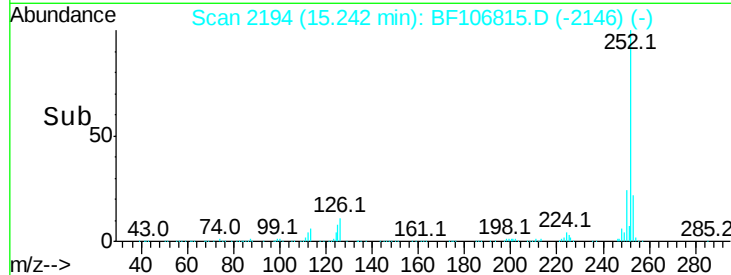
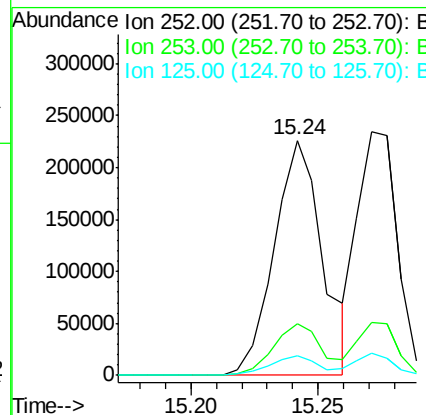
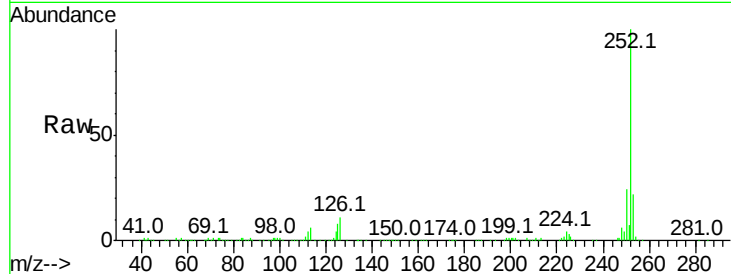
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	8.1	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 32.468 ng

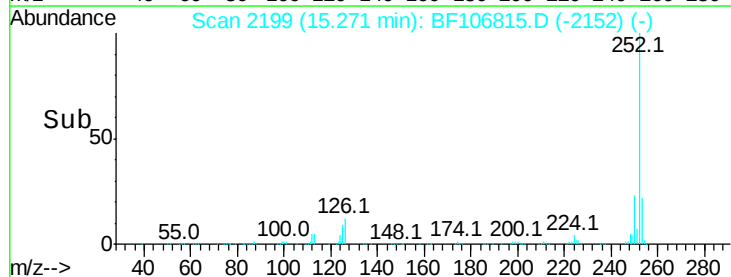
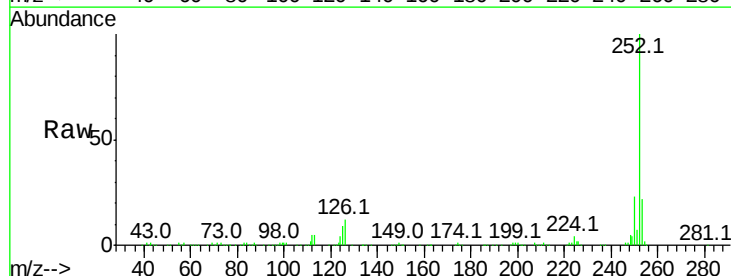
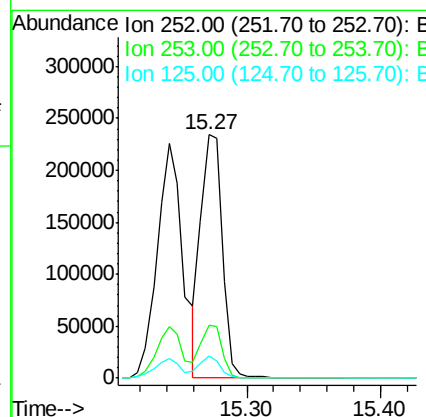
RT: 15.27 min Scan# 2199

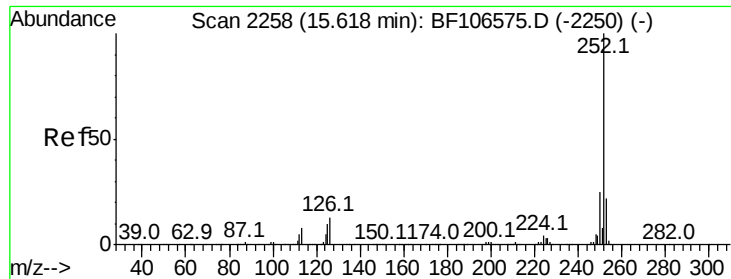
Delta R.T. -0.02 min

Lab File: BF106815.D

Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	8.9	10.2	15.2#





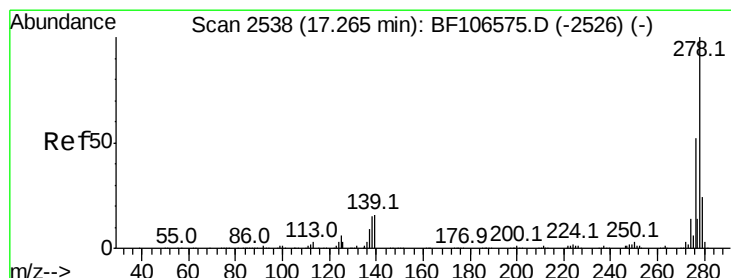
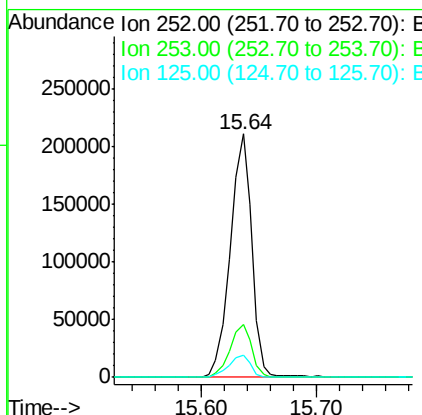
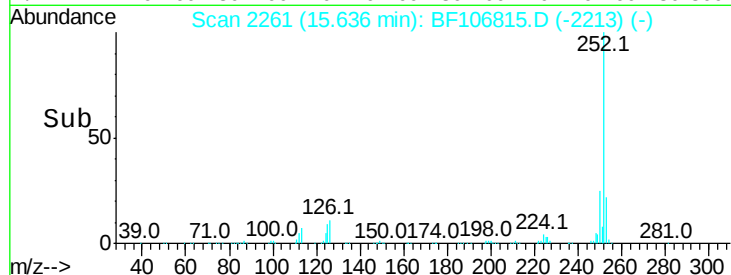
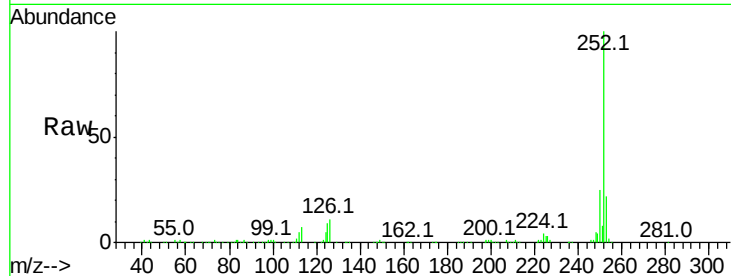
#89
Benzo(a)pyrene
Concen: 36.604 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.9	9.8	14.6

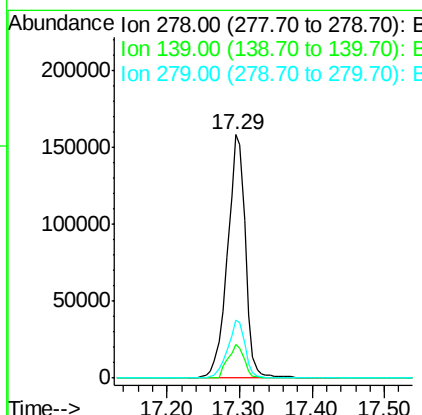
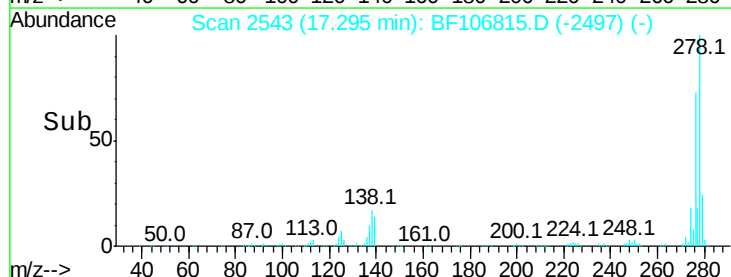
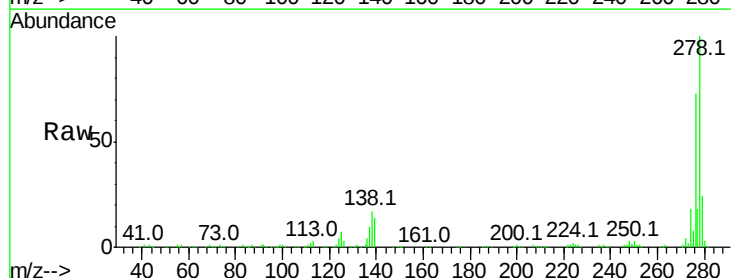
Manual Integrations
APPROVED

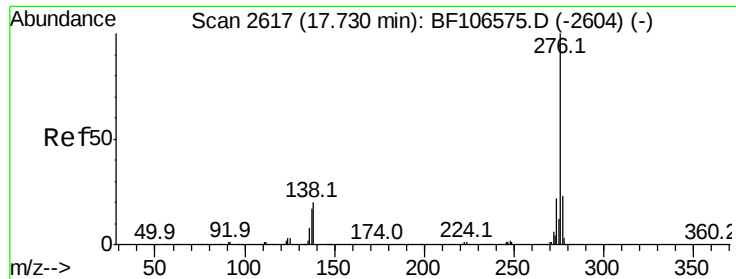
Sohil
6/27/2018 2:13:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.289 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF106815.D
Acq: 26 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.238 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF106815.D
 Acq: 26 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion:	276	Resp:	284612
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	18.2	21.8	32.8#

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