

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106845.D
 Acq On : 27 Jun 2018 2:02
 Operator : JU/SJ
 Sample : PB110563BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:14:34 PM

Quant Time: Jun 27 05:31:08 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	42007	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155116	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72079	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	134833	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122223	20.00	ng	-0.02
86) Perylene-d12	15.68	264	88591	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	207782	83.76	ng	0.00
7) Phenol-d6	6.61	99	255669	82.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	236096	84.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68395	81.87	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	430659	104.52	ng	0.00
78) Terphenyl-d14	13.08	244	495466	98.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	41048	32.185	ng	98
3) Pyridine	3.64	79	117376	33.934	ng	96
4) n-Nitrosodimethylamine	3.61	42	47504	32.336	ng	83
6) Aniline	6.62	93	52769	12.557	ng	# 33
8) 2-Chlorophenol	6.75	128	108449	39.857	ng	96
9) Benzaldehyde	6.51	77	76693	35.354	ng	98
10) Phenol	6.62	94	130607	36.941	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	109078	37.371	ng	96
12) 1,3-Dichlorobenzene	6.90	146	130952	41.092	ng	97
13) 1,4-Dichlorobenzene	6.98	146	130560	40.523	ng	97
14) 1,2-Dichlorobenzene	7.13	146	119871	40.597	ng	98
15) Benzyl Alcohol	7.10	79	91925	36.954	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	150824	39.385	ng	73
17) 2-Methylphenol	7.22	107	90119	38.703	ng	# 92
18) Hexachloroethane	7.47	117	35880	31.668	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	73853	36.165	ng	91
20) 3+4-Methylphenols	7.38	107	116990	47.185	ng	98
22) Acetophenone	7.37	105	149832	43.175	ng	# 99
24) Nitrobenzene	7.55	77	112535	39.490	ng	97
25) Isophorone	7.78	82	206206	41.925	ng	97
26) 2-Nitrophenol	7.86	139	43980	32.693	ng	96
27) 2,4-Dimethylphenol	7.90	122	95619	45.986	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	134880	40.843	ng	98
29) 2,4-Dichlorophenol	8.11	162	91221	41.905	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	107814	44.958	ng	97
31) Naphthalene	8.27	128	308641	42.559	ng	99
32) Benzoic acid	7.98	122	21453m	18.222	ng	
33) 4-Chloroaniline	8.31	127	23614	7.760	ng	99
34) Hexachlorobutadiene	8.37	225	72317	46.280	ng	98
35) Caprolactam	8.68	113	25762m	36.305	ng	
36) 4-Chloro-3-methylphenol	8.81	107	88644	38.687	ng	94
37) 2-Methylnaphthalene	8.96	142	220373	45.845	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	114465	47.156	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	8872	7.104	ng	89

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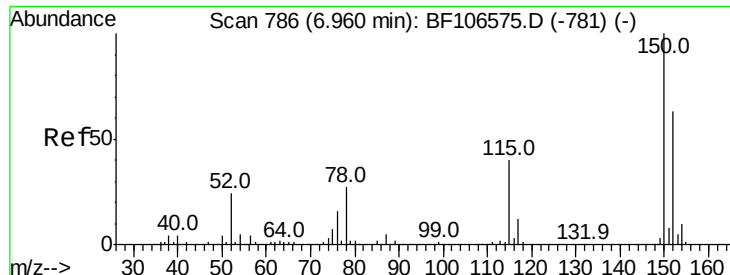
Manual Integrations
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 6/27/2018 2:14:34 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	58845	36.470	nq	89
43) 2,4,5-Trichlorophenol	9.29	196	61582m	36.576	nq	
45) 1,1'-Biphenyl	9.42	154	262318	45.665	nq	98
46) 2-Chloronaphthalene	9.45	162	185486	41.022	nq	96
47) 2-Nitroaniline	9.55	65	55791	36.693	nq	96
48) Acenaphthylene	9.87	152	289167	40.507	nq	99
49) Dimethylphthalate	9.71	163	227183	42.024	nq	98
50) 2,6-Dinitrotoluene	9.78	165	46949	41.013	nq	94
51) Acenaphthene	10.04	154	172382	38.347	nq	97
52) 3-Nitroaniline	9.96	138	33435	25.382	nq	93
53) 2,4-Dinitrophenol	10.07	184	6521	15.576	nq #	13
54) Dibenzofuran	10.21	168	264999	43.051	nq	97
55) 4-Nitrophenol	10.14	139	45993	50.020	nq	95
56) 2,4-Dinitrotoluene	10.19	165	59162	39.594	nq	90
57) Fluorene	10.55	166	202757	41.509	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	52059	38.897	nq #	77
59) Diethylphthalate	10.41	149	209764	40.202	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	107837	42.194	nq #	87
61) 4-Nitroaniline	10.58	138	50967	38.985	nq	92
62) Azobenzene	10.70	77	184757	35.958	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	7458	8.948	nq	82
65) n-Nitrosodiphenylamine	10.66	169	175087	38.607	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	71130	44.203	nq #	80
67) Hexachlorobenzene	11.10	284	73556	43.674	nq #	84
68) Atrazine	11.18	200	61042	42.339	nq	96
69) Pentachlorophenol	11.30	266	32223	38.344	nq	97
70) Phenanthrene	11.52	178	292065	44.911	nq	99
71) Anthracene	11.57	178	300808	45.317	nq	100
72) Carbazole	11.73	167	266823	42.934	nq	98
73) Di-n-butylphthalate	12.04	149	312785	42.721	nq	98
74) Fluoranthene	12.71	202	338878	47.277	nq	95
76) Benzidine	12.83	184	131587	37.803	nq	97
77) Pyrene	12.94	202	338182	41.959	nq	99
79) Butylbenzylphthalate	13.55	149	136605	41.223	nq #	88
80) Benzo(a)anthracene	14.14	228	316662	42.510	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	81384	31.085	nq #	96
82) Chrysene	14.17	228	290725m	42.422	nq	
83) Bis(2-ethylhexyl)phthalate	14.09	149	181060	42.738	nq	97
84) Di-n-octyl phthalate	14.72	149	317599	45.991	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	210402	36.178	nq #	89
87) Benzo(b)fluoranthene	15.22	252	242874	44.133	nq #	97
88) Benzo(k)fluoranthene	15.25	252	235996m	45.031	nq	
89) Benzo(a)pyrene	15.61	252	217853	44.530	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	178082	42.951	nq #	93
91) Benzo(g,h,i)perylene	17.74	276	174462	43.050	nq #	89

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



#1

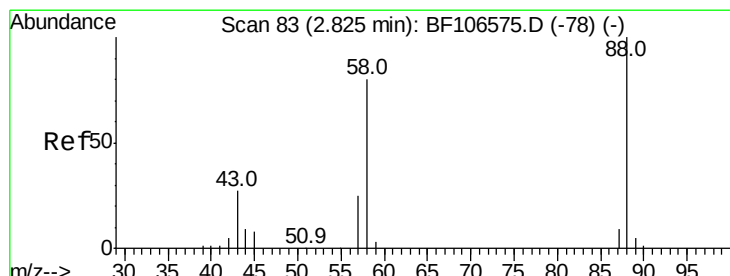
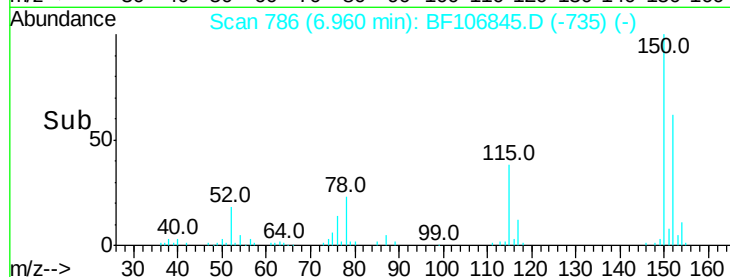
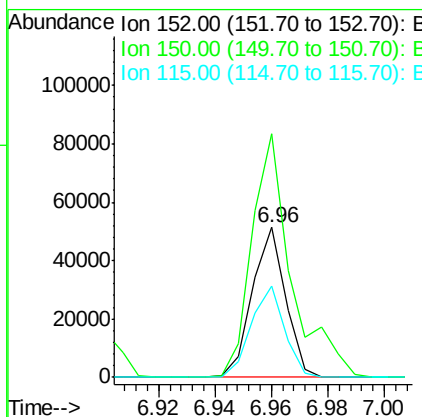
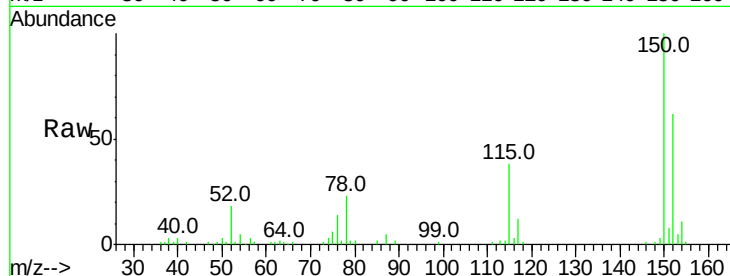
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampled :
PB110563BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	186.8
115	61.0	50.1	75.1

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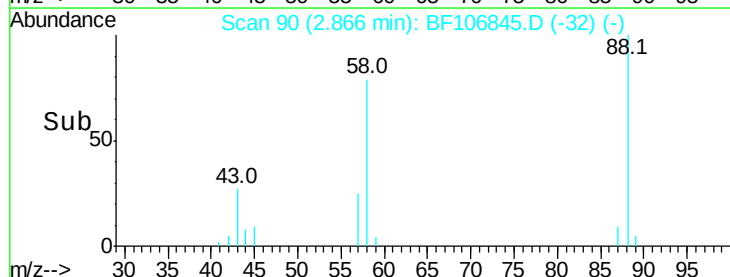
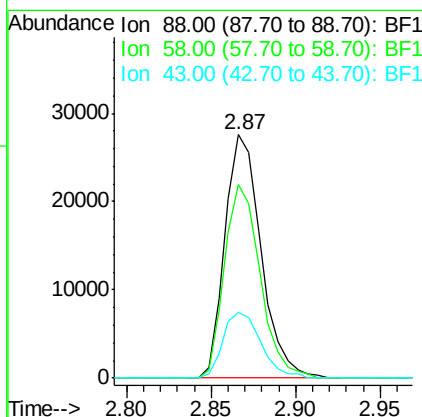
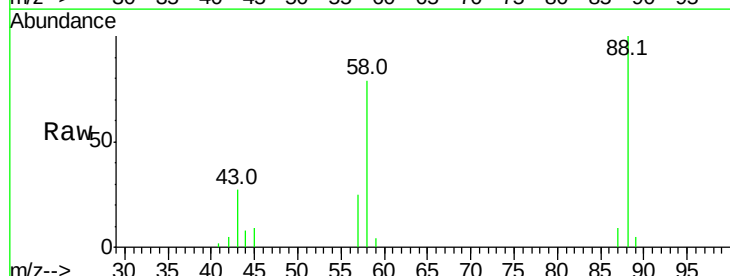
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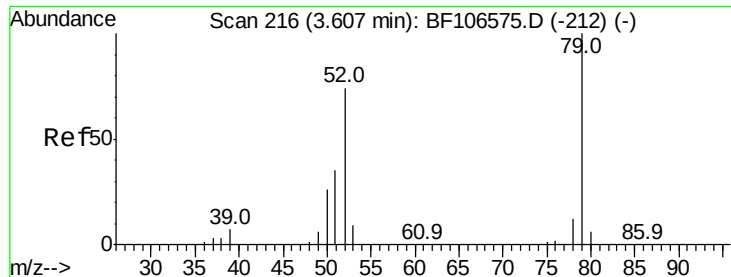


#2

1,4-Dioxane
Concen: 32.185 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	62.6	93.8
43	28.4	24.6	37.0





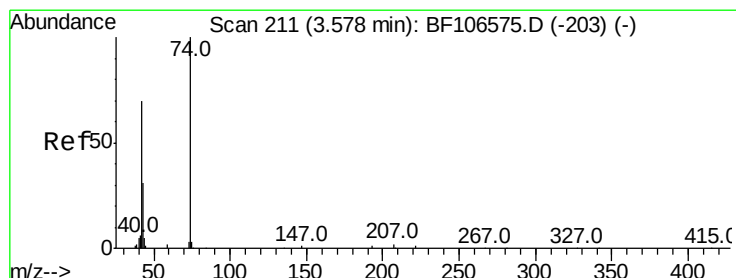
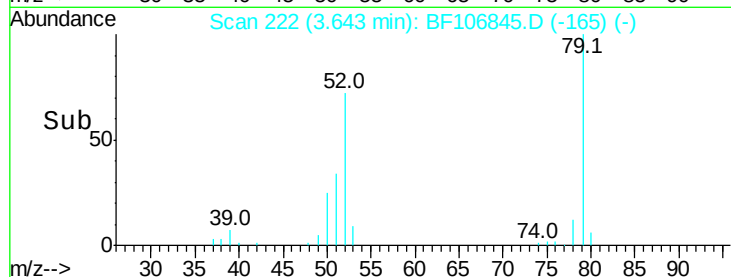
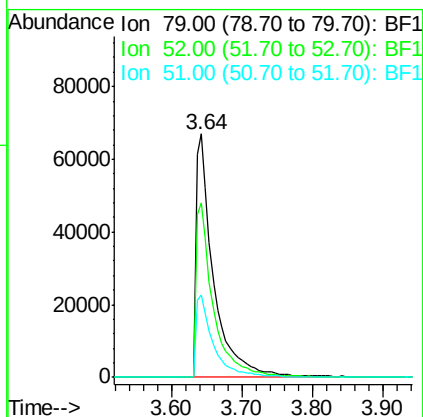
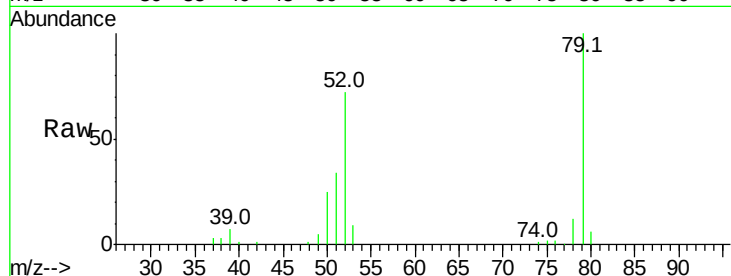
#3
 Pvridine
 Concen: 33.934 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	71.7	59.8		89.6	
51	33.6	29.8		44.8	

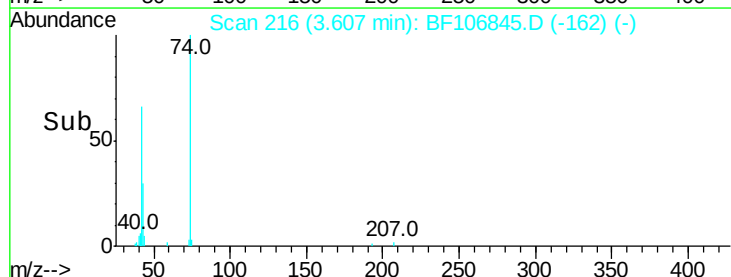
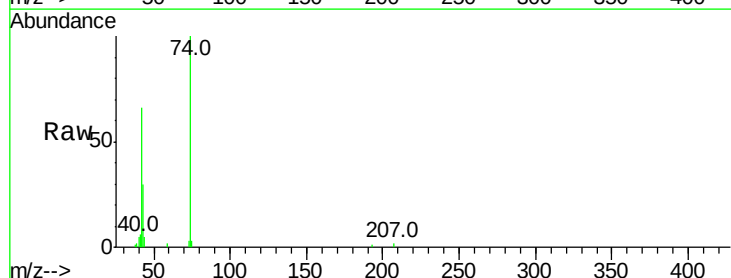
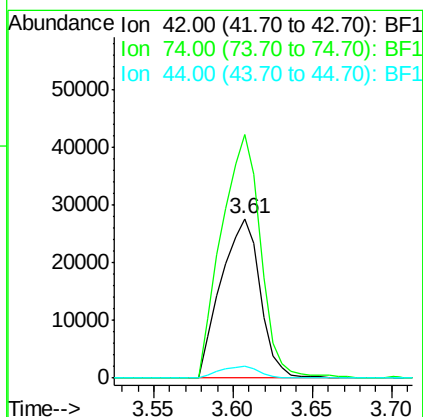
Manual Integrations
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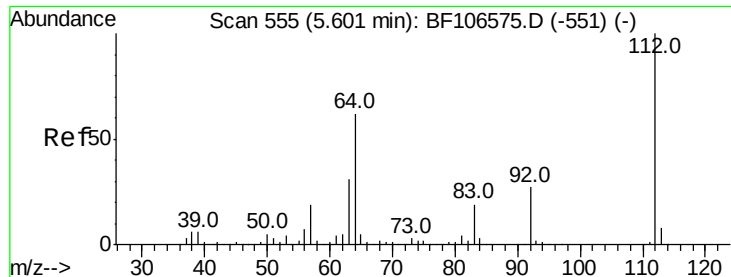
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#4
 n-Nitrosodimethylamine
 Concen: 32.336 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	152.5	104.9		157.3	
44	7.3	6.9		10.3	





#5

2-Fluorophenol

Concen: 83.758 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

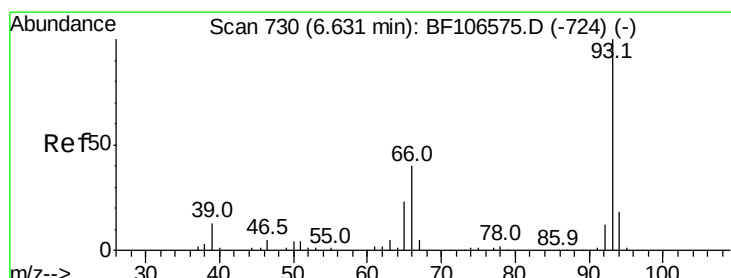
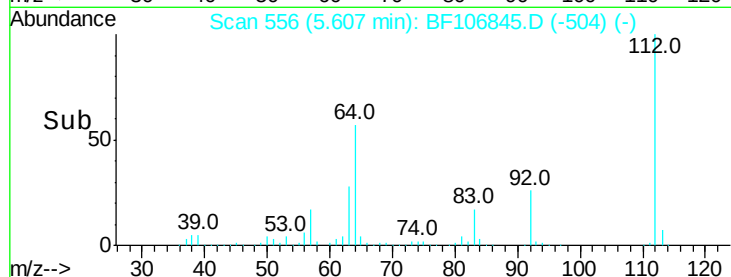
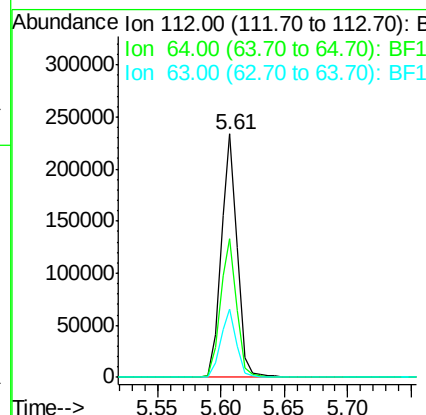
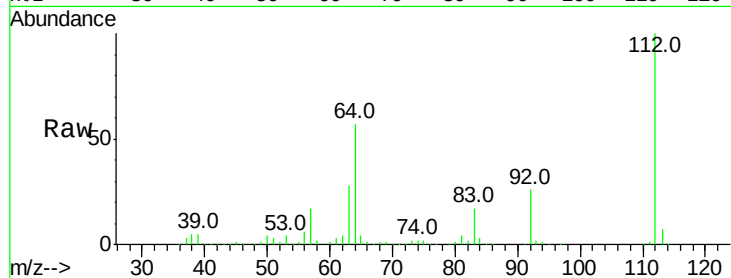
ClientSampleId :

PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	207782		
64	57.1	47.9	71.9	
63	27.9	23.7	35.5	

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#6

Aniline

Concen: 12.557 ng

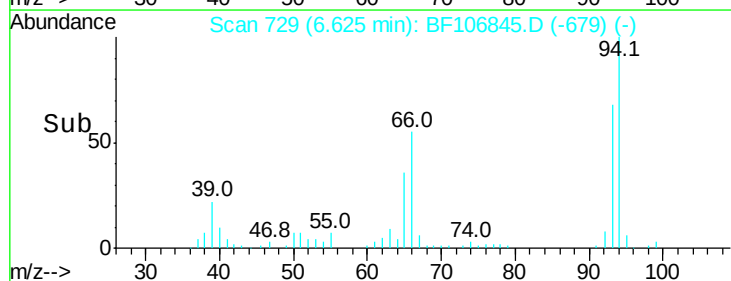
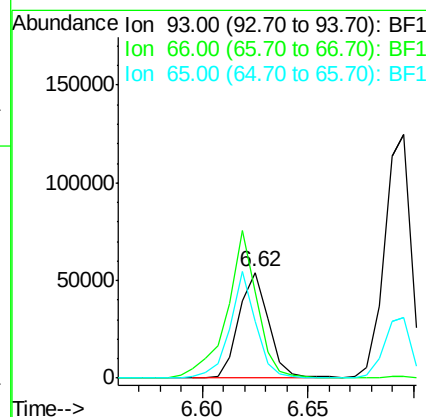
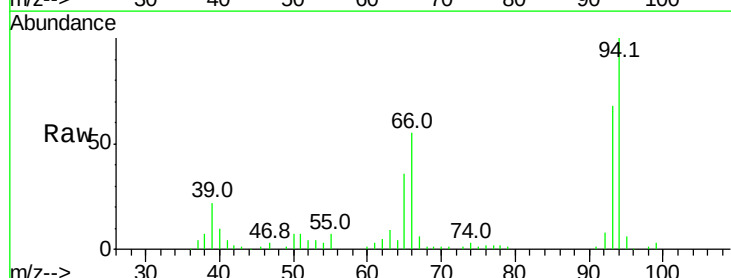
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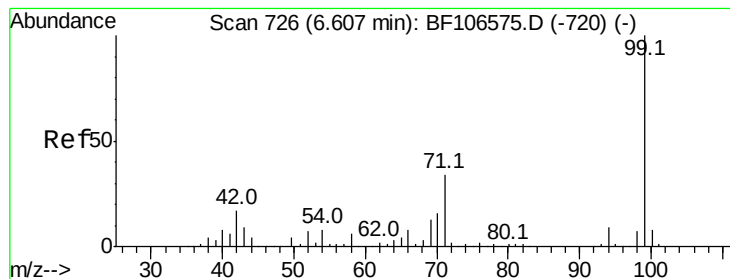
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	52769		
66	81.0	32.2	48.2#	
65	53.3	16.4	24.6#	





#7

Phenol-d6

Concen: 82.528 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

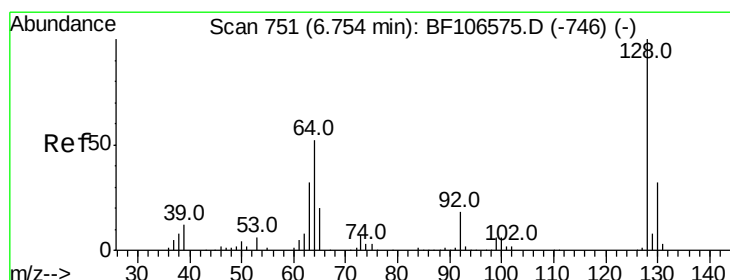
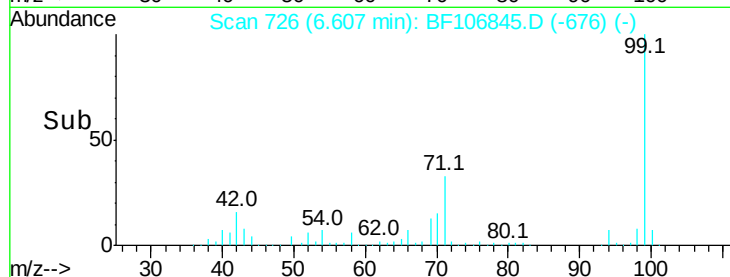
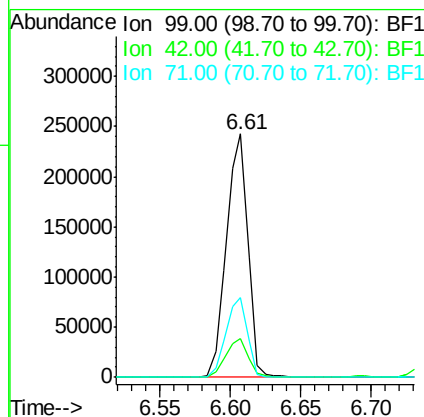
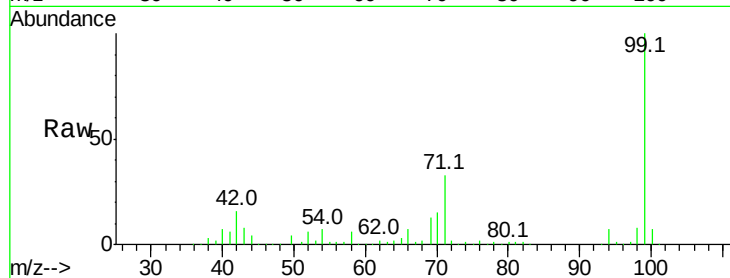
ClientSampleId :

PB110563BS

Tot Ion:	99	Resp:	255669
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.857 ng

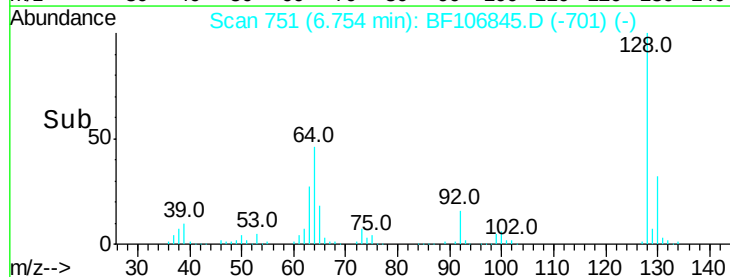
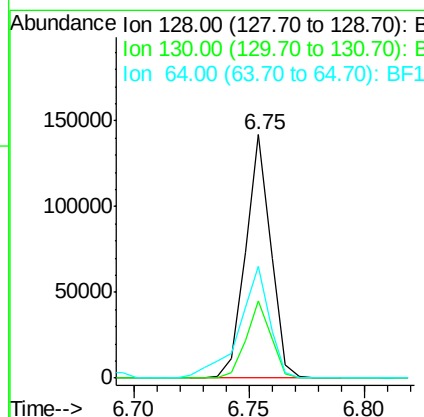
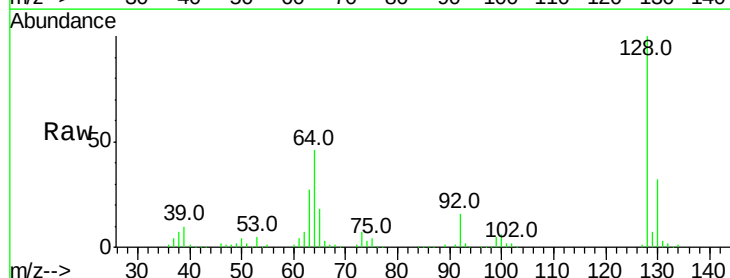
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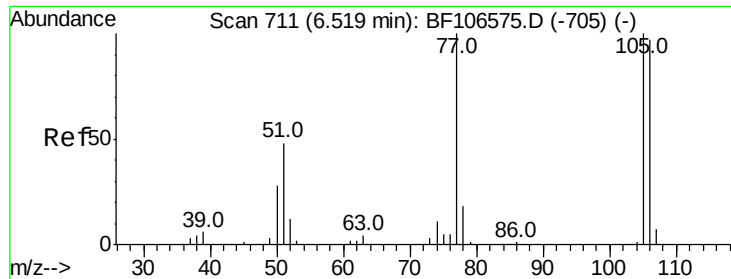
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	128	Resp:	108449
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.0	53.0
64	46.0	29.4	69.4





#9

Benzaldehyde

Concen: 35.354 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

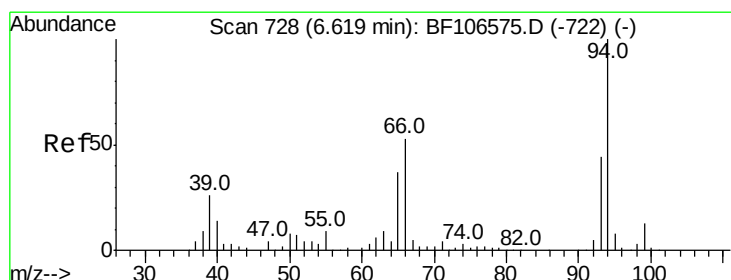
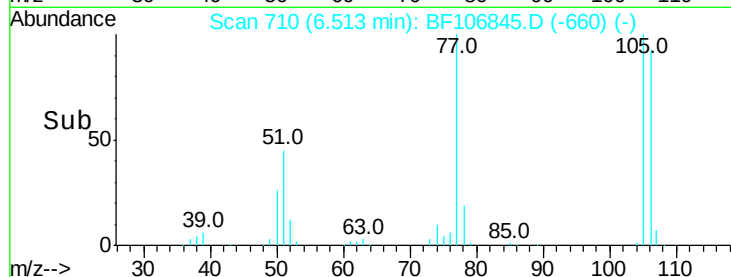
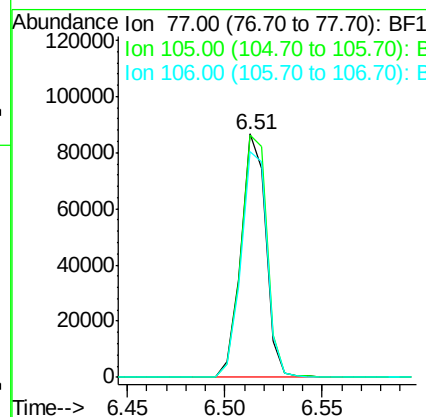
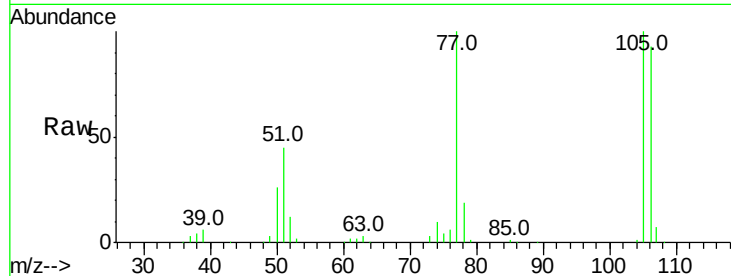
ClientSampleId :

PB110563BS

Tot Ion:	77	Resp:	76693
Ion Ratio	Lower	Upper	
77	100		
105	99.6	81.1	121.1
106	92.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.941 ng

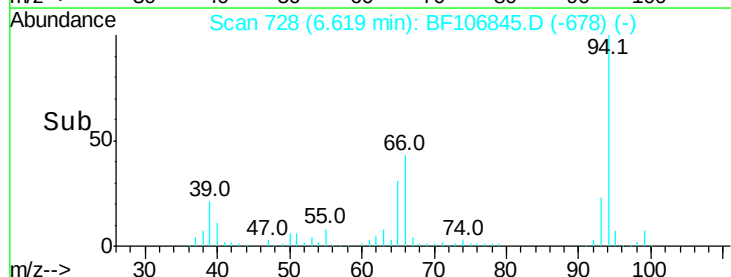
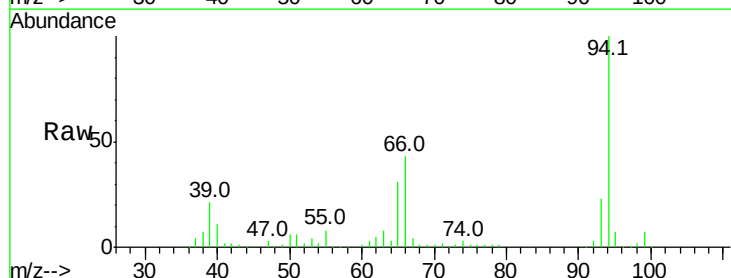
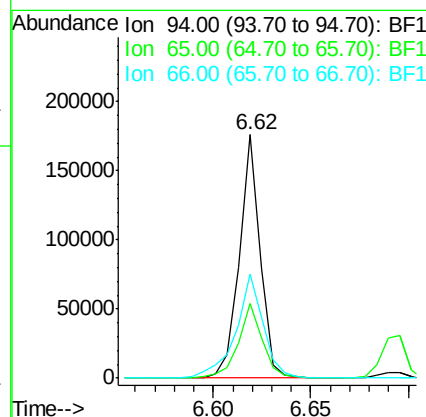
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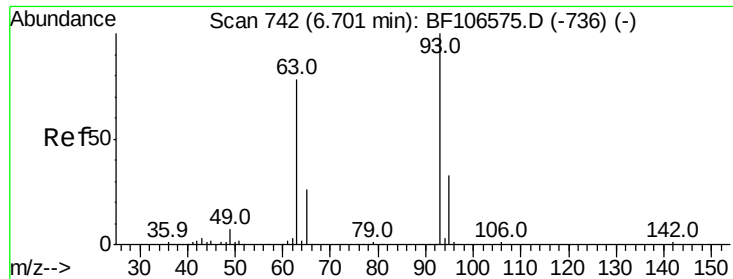
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	94	Resp:	130607
Ion Ratio	Lower	Upper	
94	100		
65	30.9	7.9	47.9
66	42.7	16.2	56.2





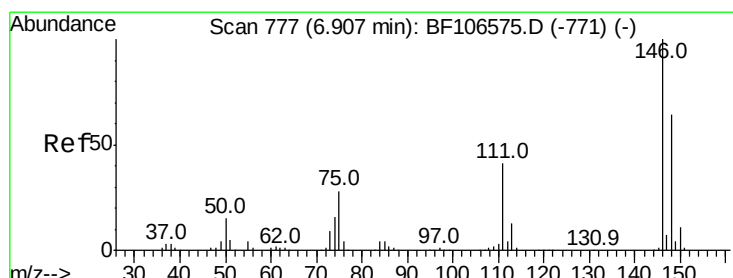
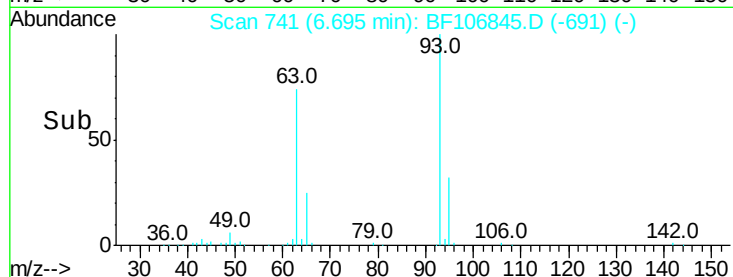
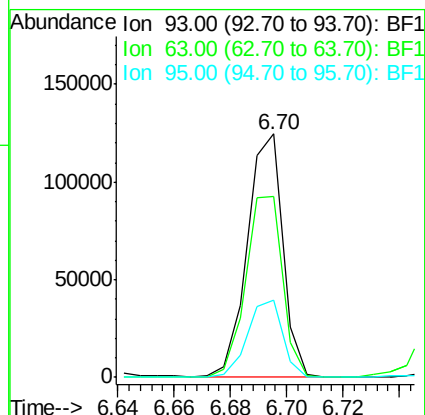
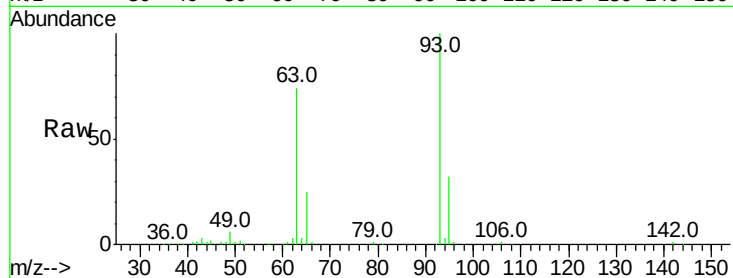
#11
bis(2-Chloroethyl)ether
Concen: 37.371 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	58.6	98.6
95	31.9	11.8	51.8

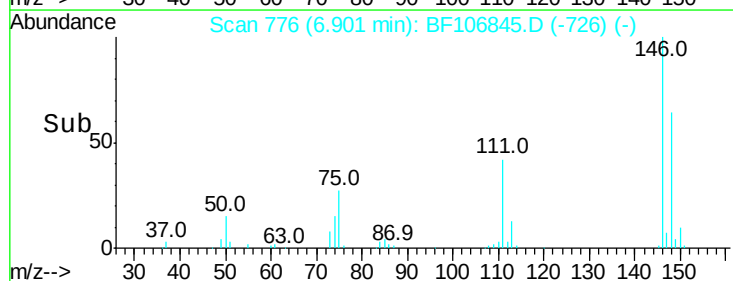
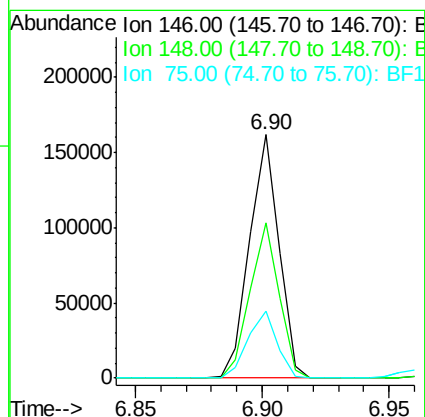
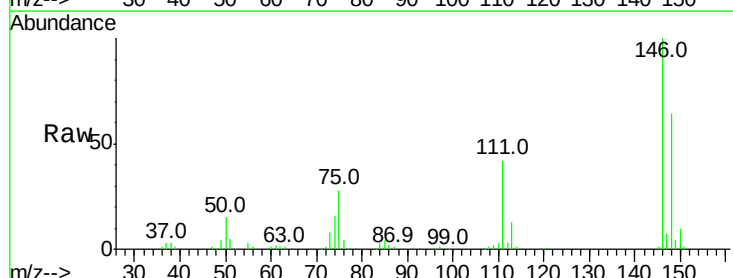
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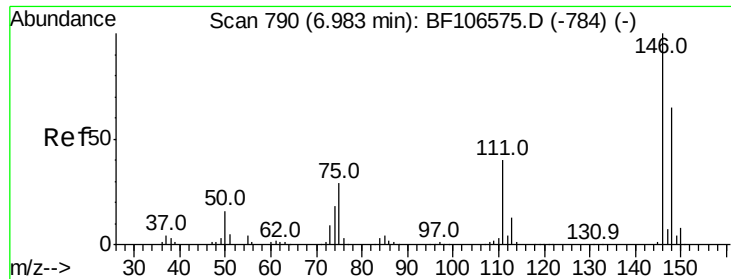
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.092 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	27.6	24.2	36.4





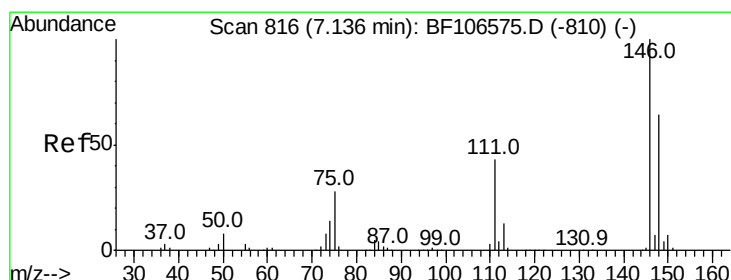
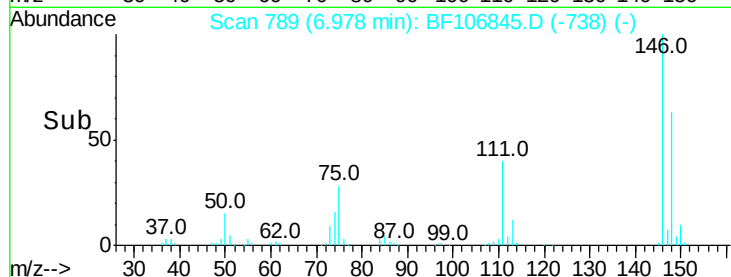
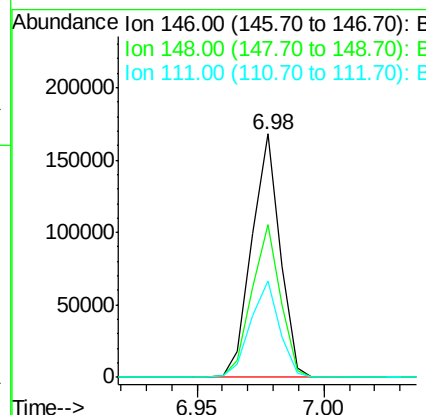
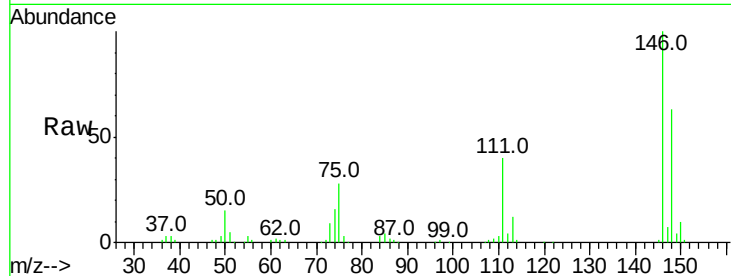
#13
 1,4-Dichlorobenzene
 Concen: 40.523 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	39.6	34.2	51.2

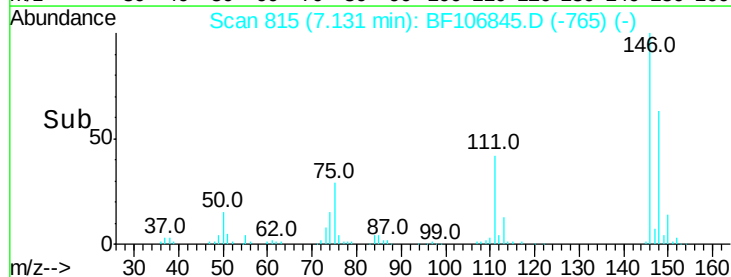
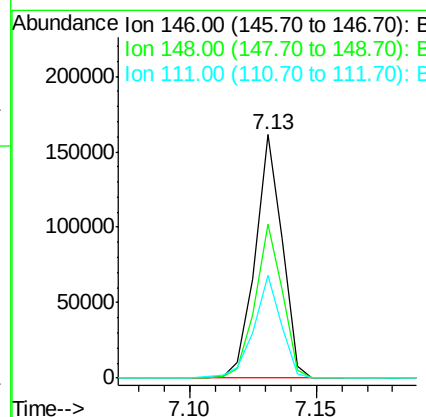
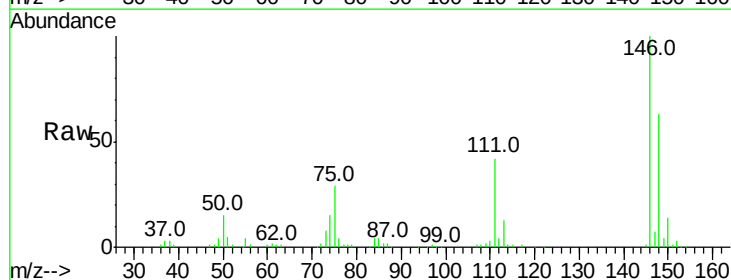
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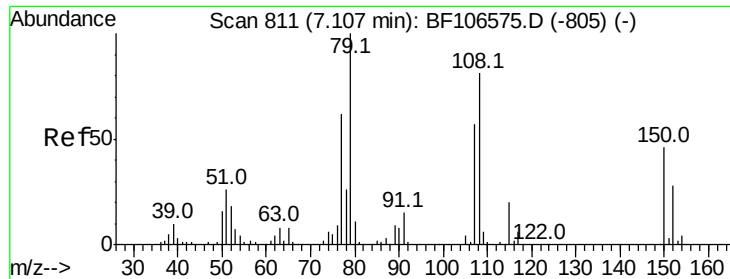
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.597 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.2	36.0	54.0





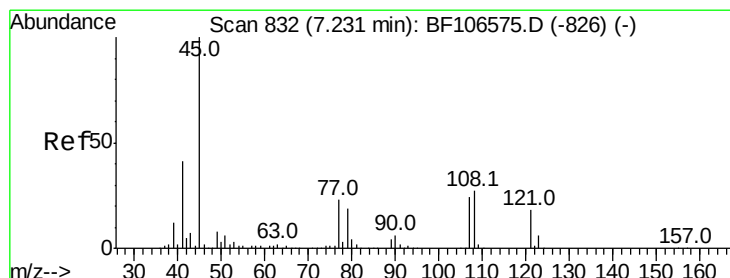
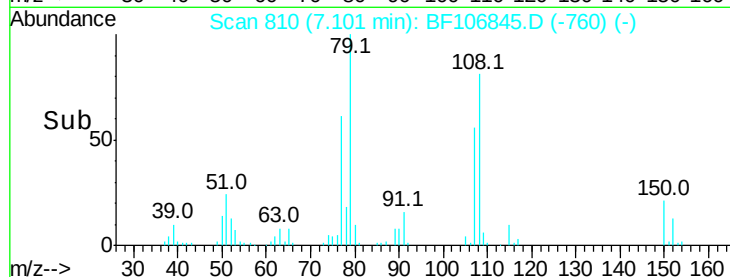
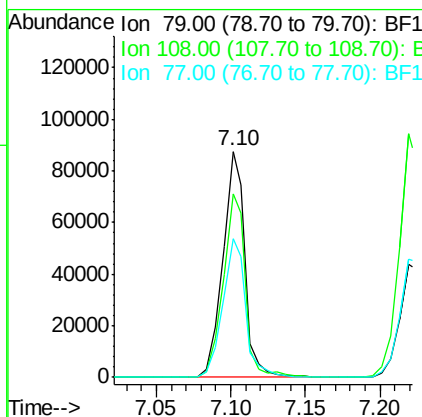
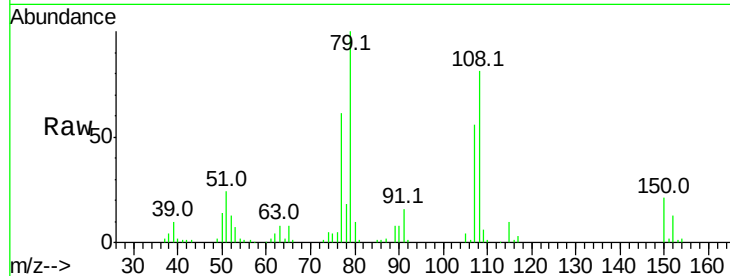
#15
Benzyl Alcohol
Concen: 36.954 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion: 79 Resp: 91925
Ion Ratio Lower Upper
79 100
108 81.1 65.1 97.7
77 61.2 50.6 75.8

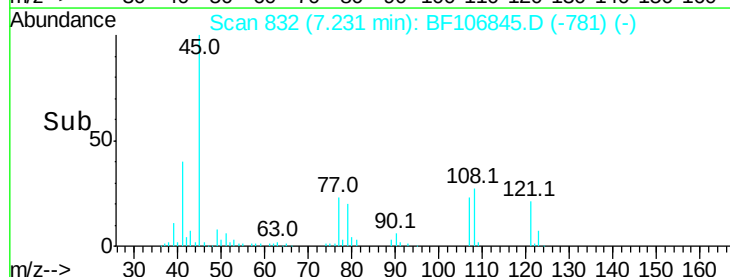
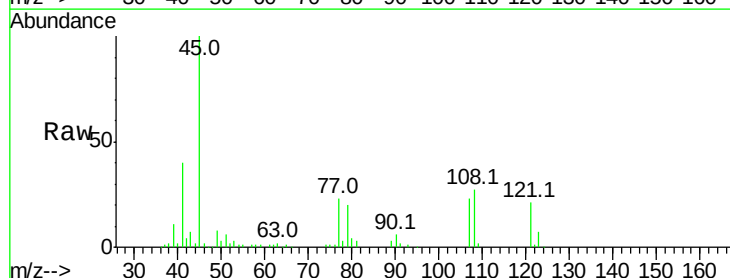
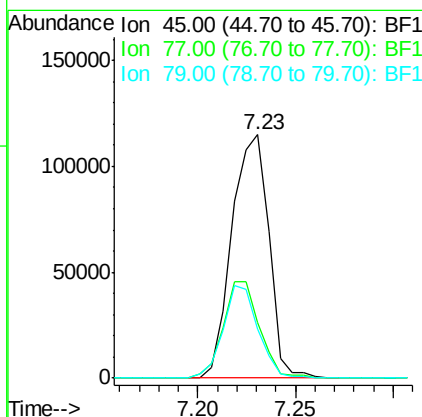
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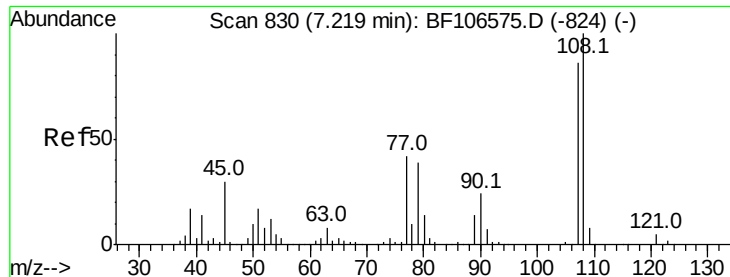
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.385 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion: 45 Resp: 150824
Ion Ratio Lower Upper
45 100
77 22.8 0.0 32.9
79 20.1 0.0 29.6





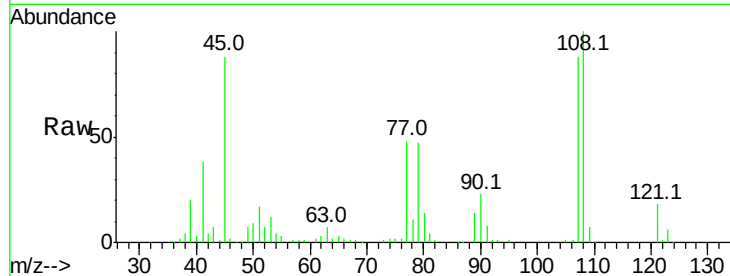
#17
2-Methylphenol
Concen: 38.703 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	90119		
108	113.3	91.7	137.5	
77	54.9	33.8	50.8#	
79	52.7	33.8	50.8#	

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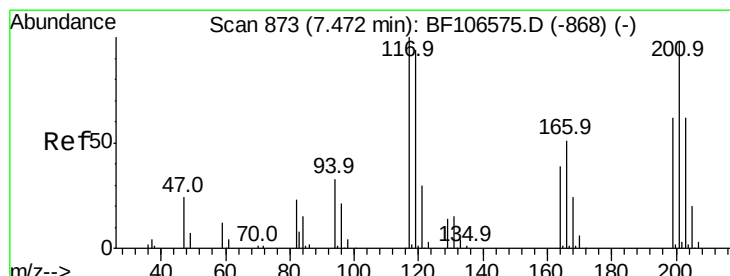
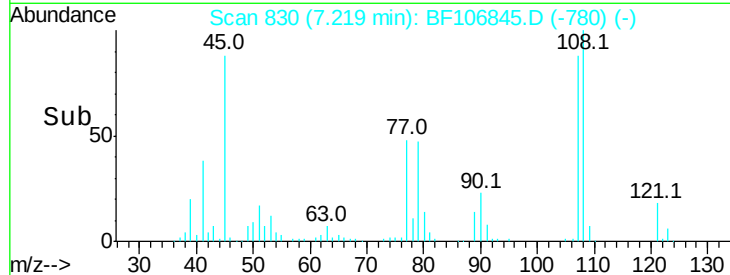
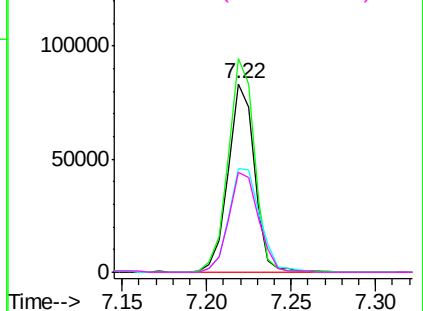
Abundance

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: 31.668 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

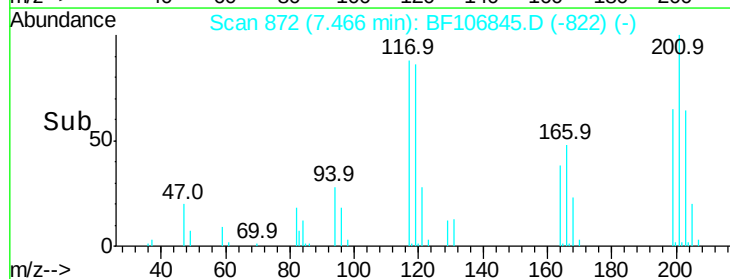
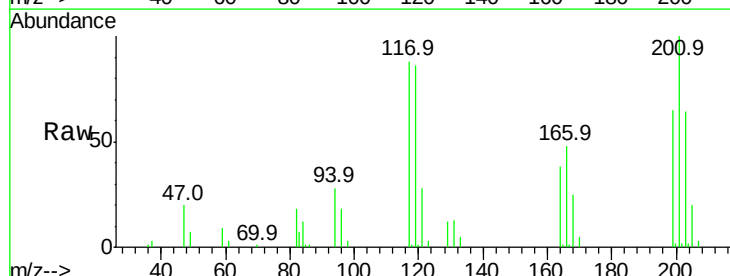
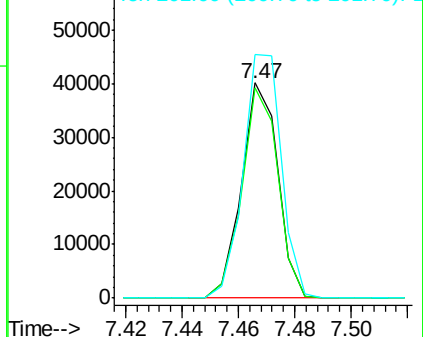
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35880		
119	97.9	75.8	113.8	
201	113.2	75.7	113.5	

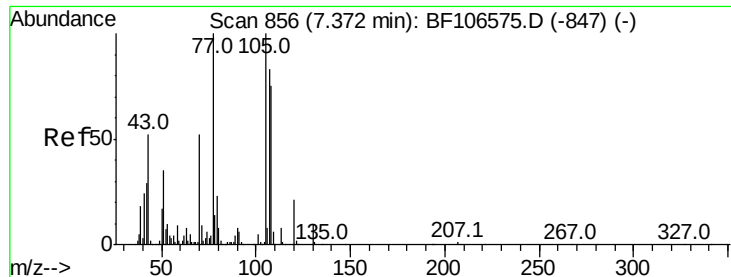
Abundance

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





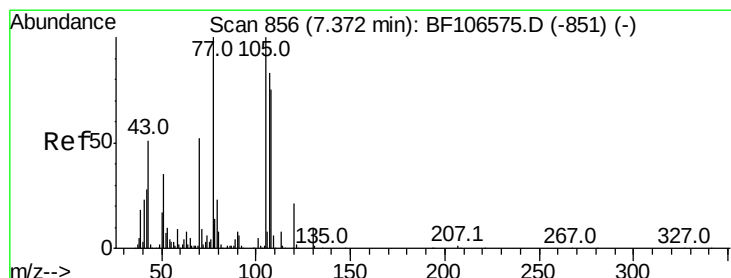
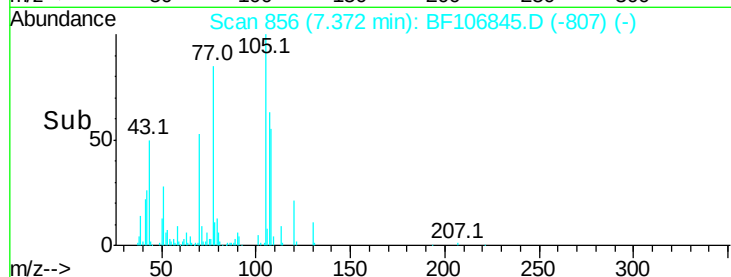
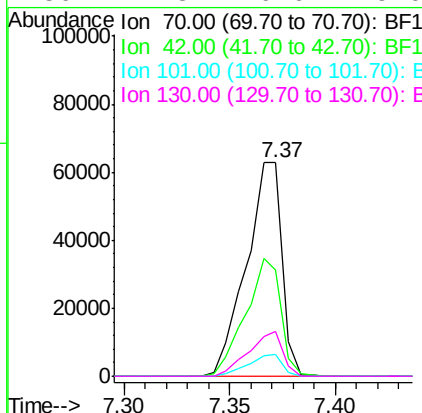
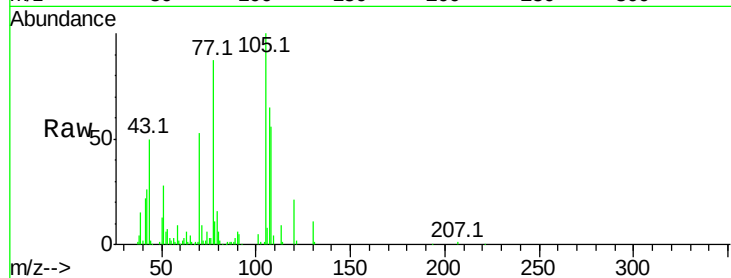
#19
n-Nitroso-di-n-propylamine
Concen: 36.165 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	10.2	7.4	11.2
130	21.3	16.6	25.0

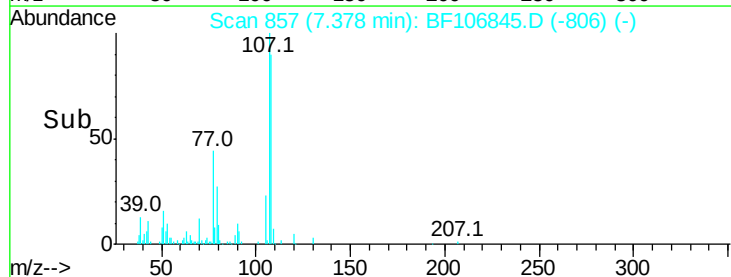
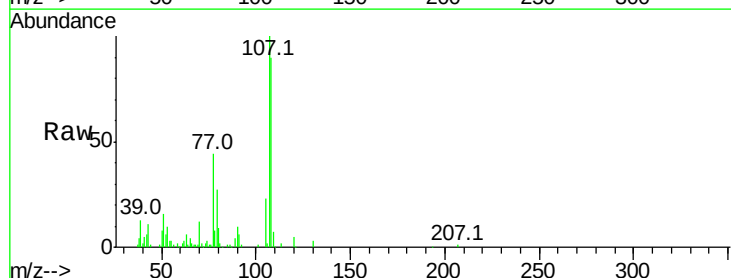
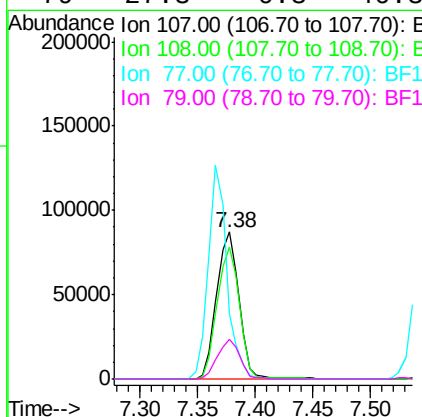
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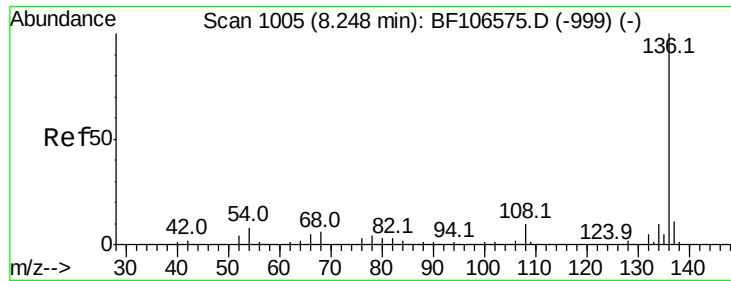
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#20
3+4-Methylphenols
Concen: 47.185 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	44.0	26.7	66.7
79	27.3	6.3	46.3





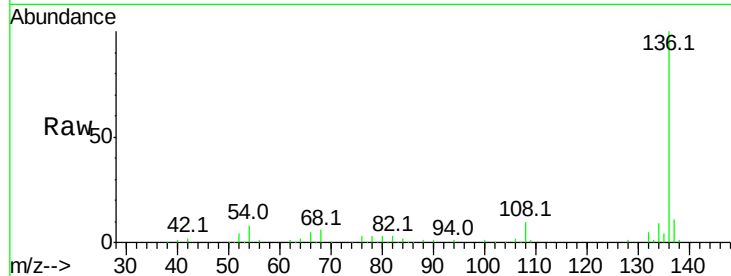
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampled :
PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	155116		
137	11.0	8.9	13.3	
54	7.7	6.6	9.8	
68	5.9	5.0	7.4	

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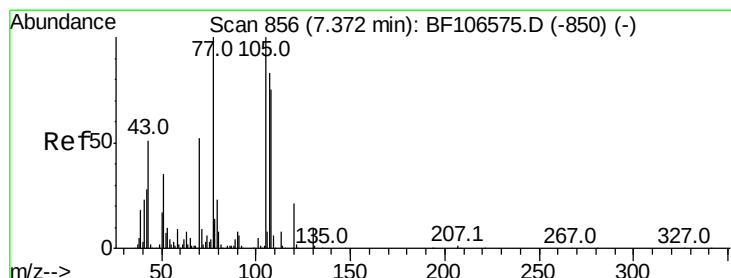
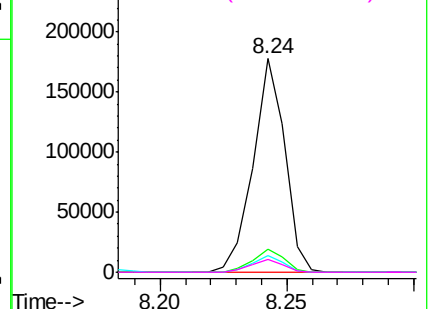
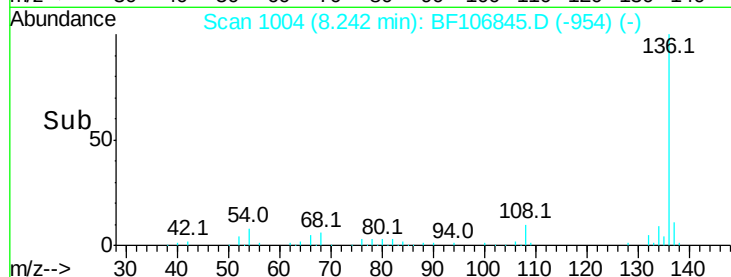


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

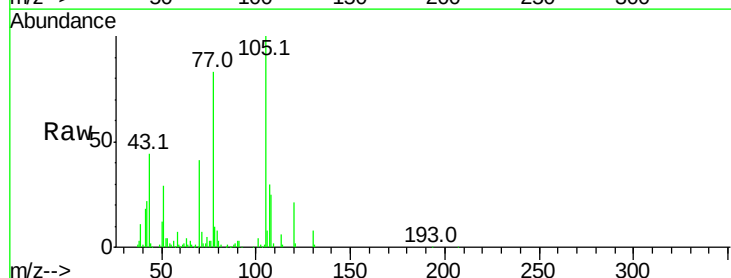
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.175 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	149832		
71	7.2	4.4	6.6#	
51	28.6	22.3	33.5	
120	21.0	16.9	25.3	

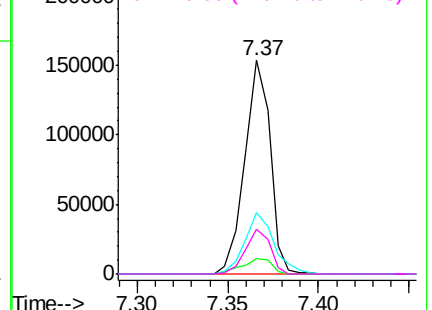
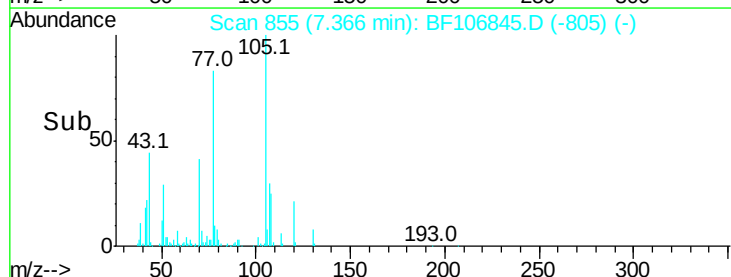


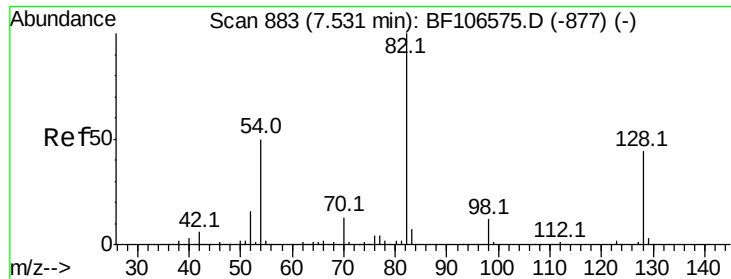
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.586 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

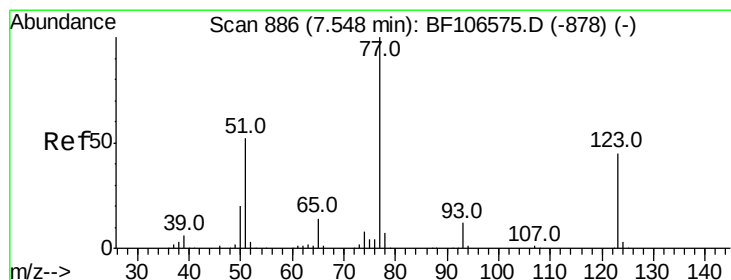
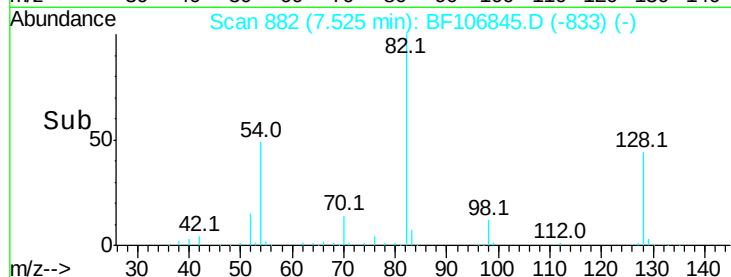
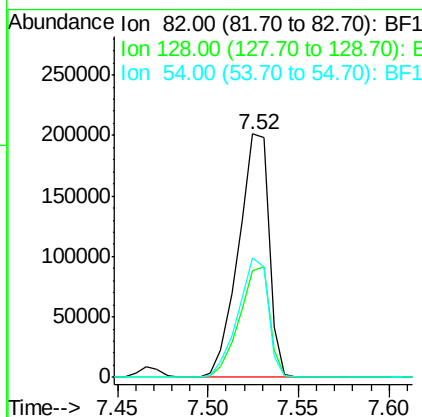
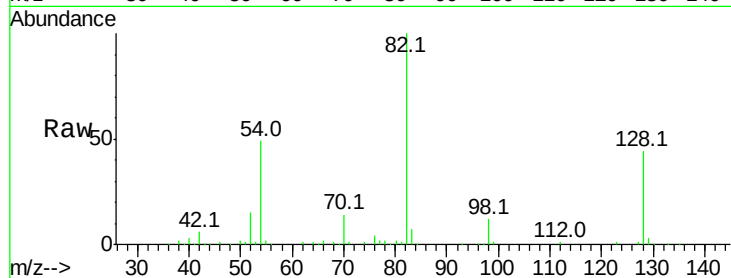
ClientSampled :

PB110563BS

Tot Ion:	82	Resp:	236096
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	49.3	41.4	62.2

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#24

Nitrobenzene

Concen: 39.490 ng

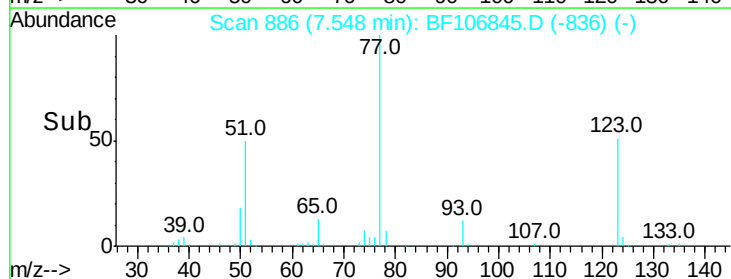
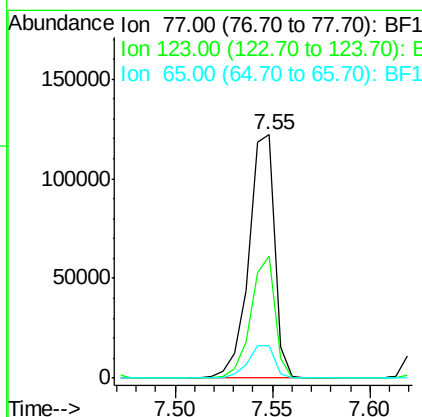
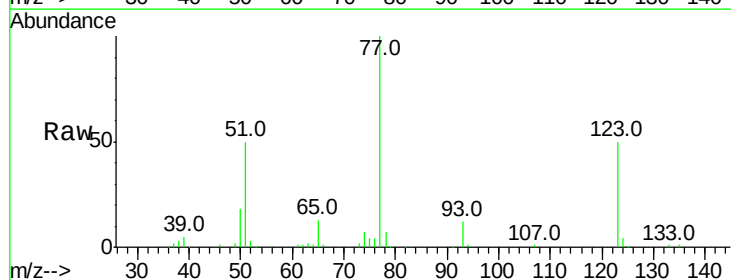
RT: 7.55 min Scan# 886

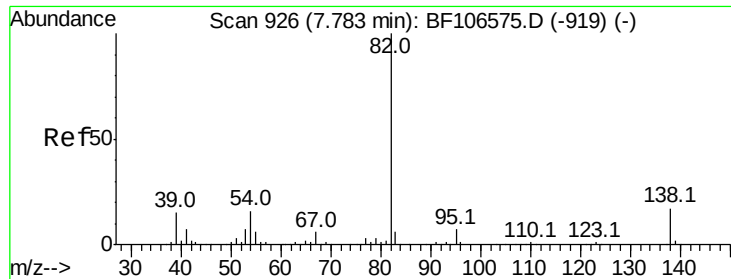
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	77	Resp:	112535
Ion Ratio	Lower	Upper	
77	100		
123	50.0	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 41.925 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

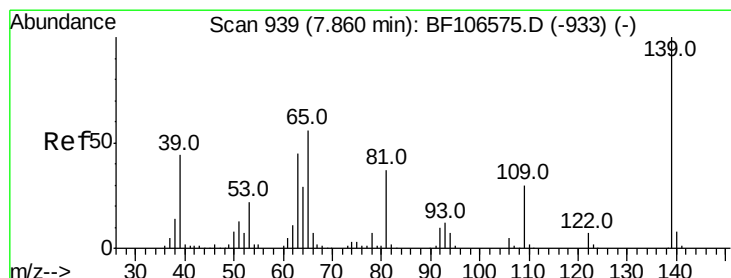
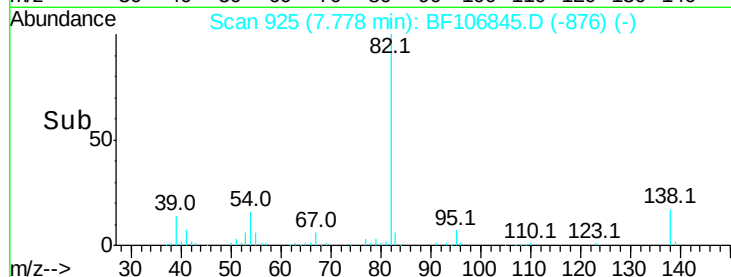
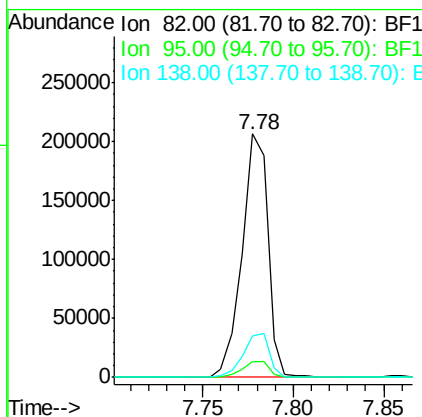
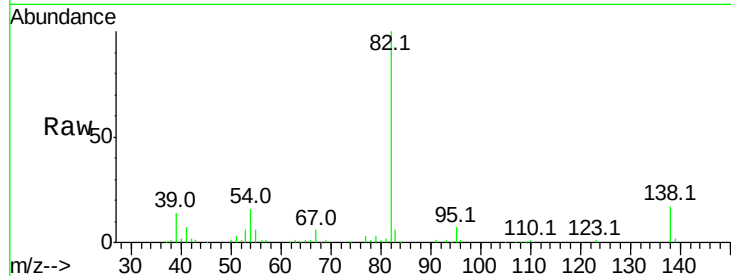
ClientSampleId :

PB110563BS

Tot Ion:	82	Resp:	206206
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 32.693 ng

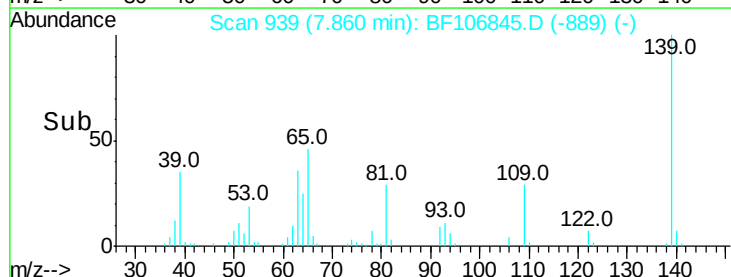
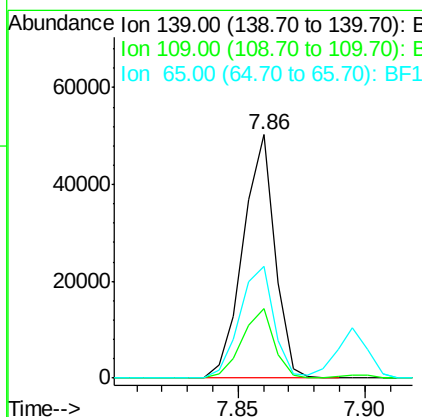
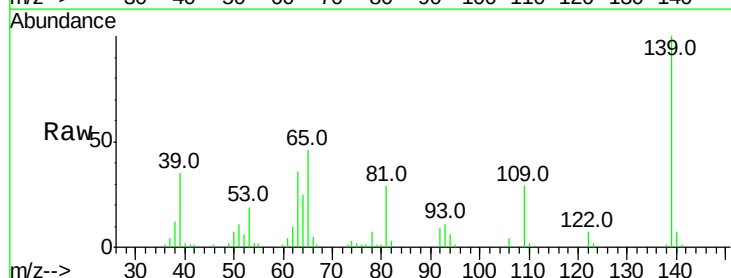
RT: 7.86 min Scan# 939

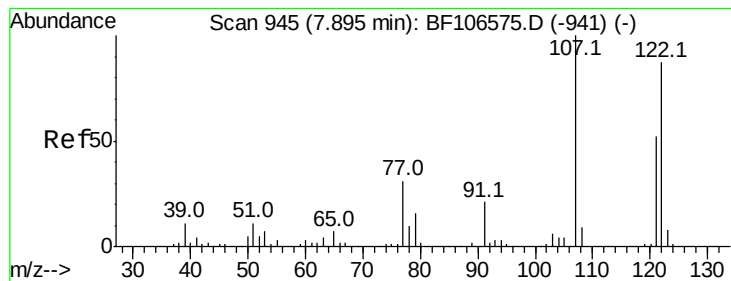
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	139	Resp:	43980
Ion Ratio		Lower	Upper
139	100		
109	28.7	22.7	34.1
65	46.1	40.5	60.7





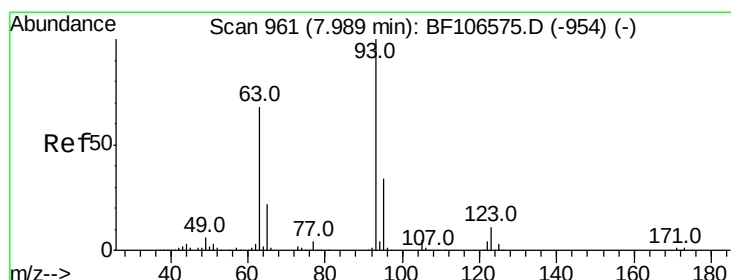
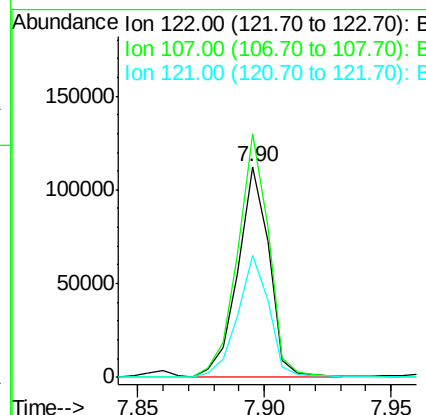
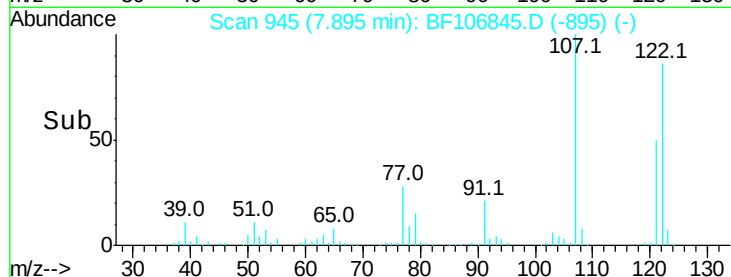
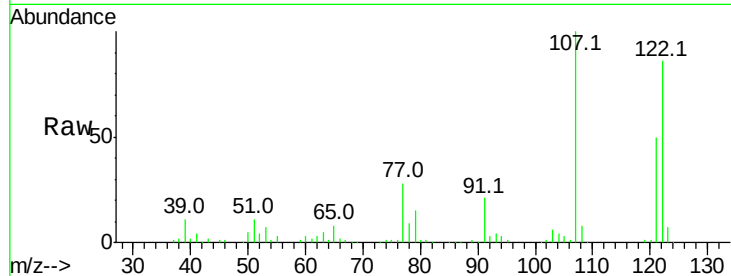
#27
 2,4-Dimethylphenol
 Concen: 45.986 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.2	136.8
121	57.8	47.2	70.8

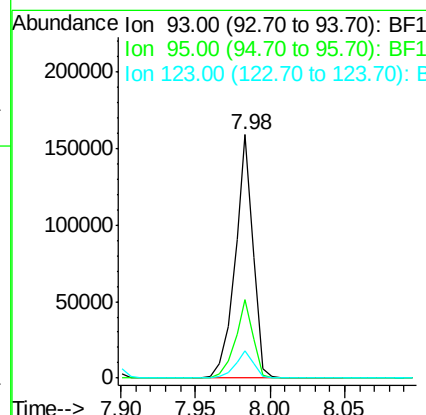
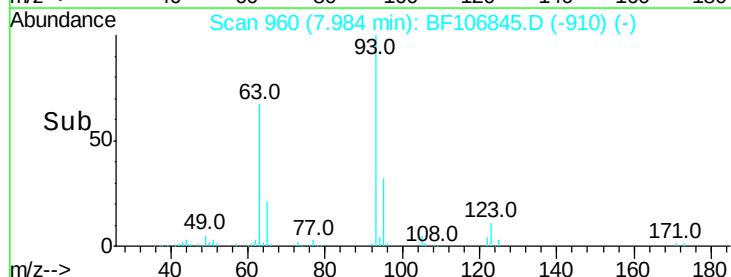
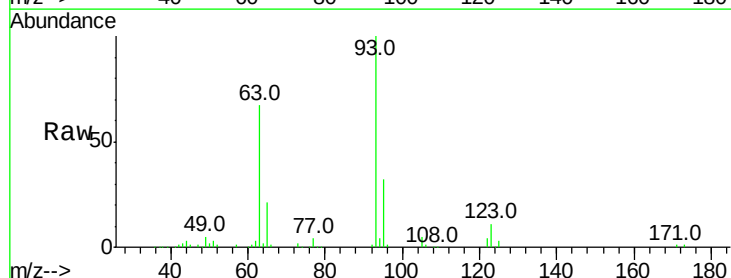
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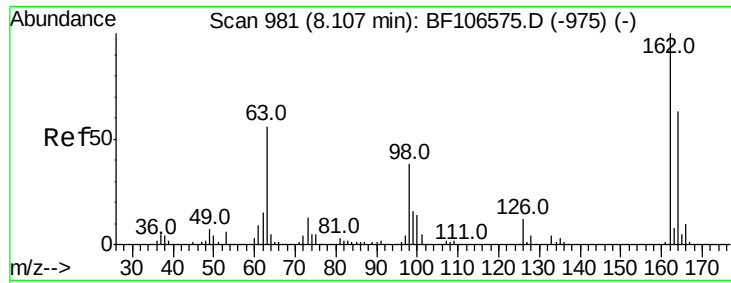
Sohil
 6/27/2018 2:14:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.843 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.0	9.8	14.6





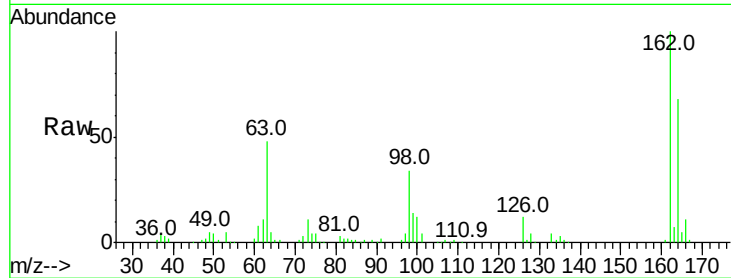
#29
 2,4-Dichlorophenol
 Concen: 41.905 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

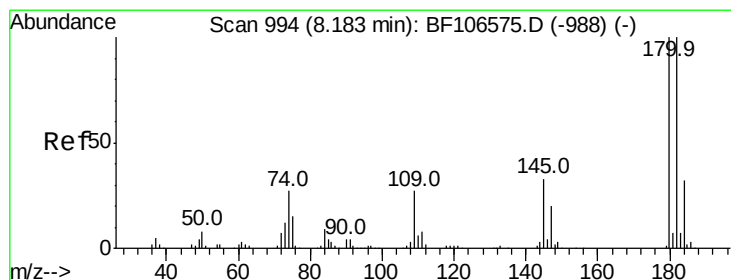
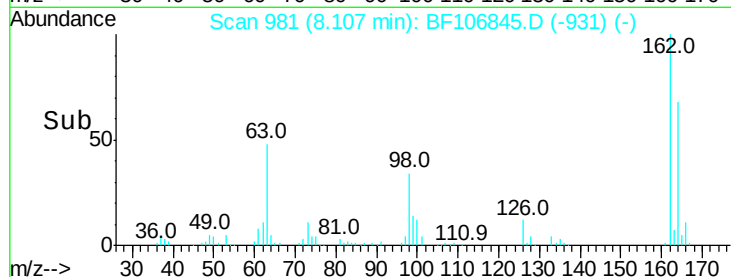
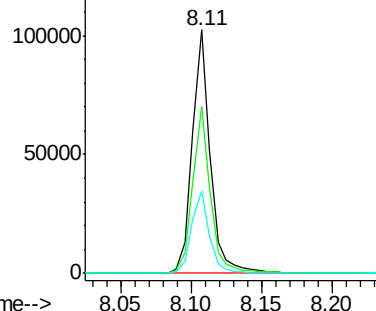
Tot Ion:	162	Resp:	91221
Ion Ratio	Lower	Upper	
162	100		
164	68.4	42.7	82.7
98	34.0	18.1	58.1

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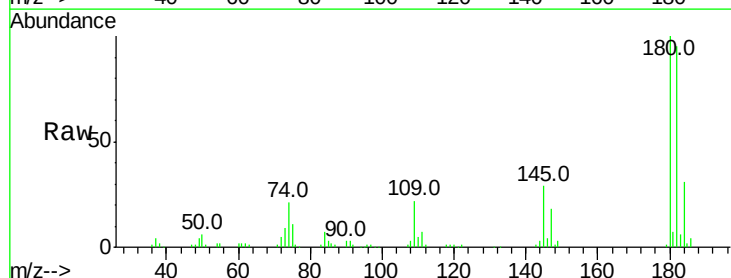


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

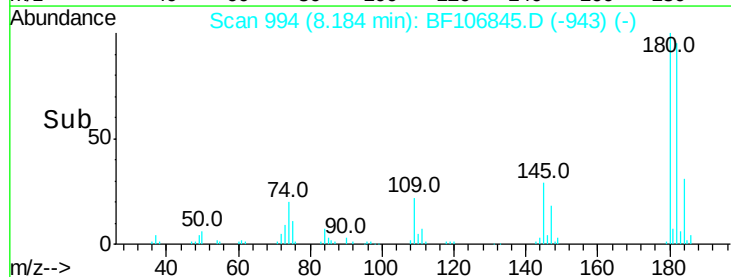
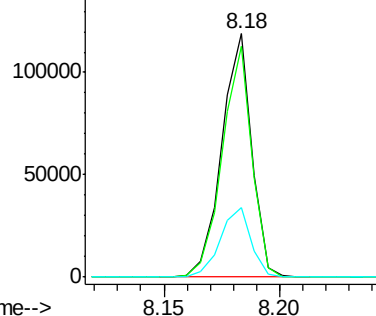


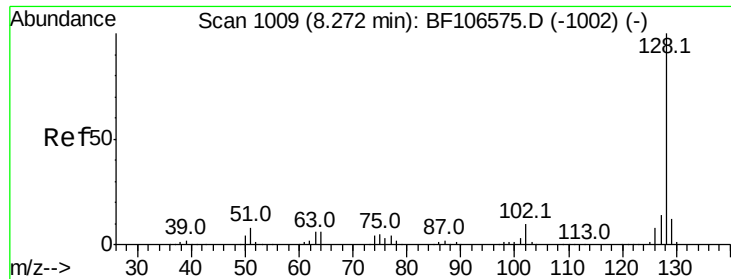
#30
 1,2,4-Trichlorobenzene
 Concen: 44.958 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:	180	Resp:	107814
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.8	115.2
145	28.8	26.5	39.7



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





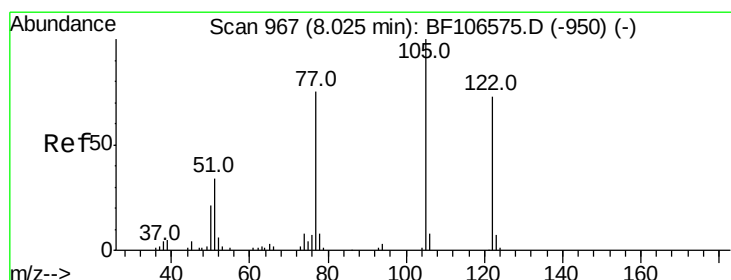
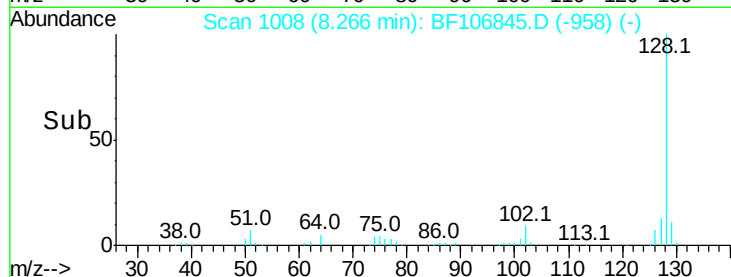
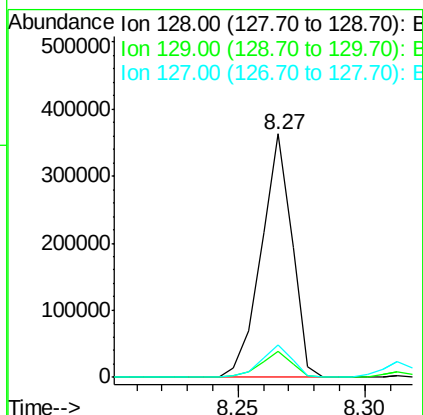
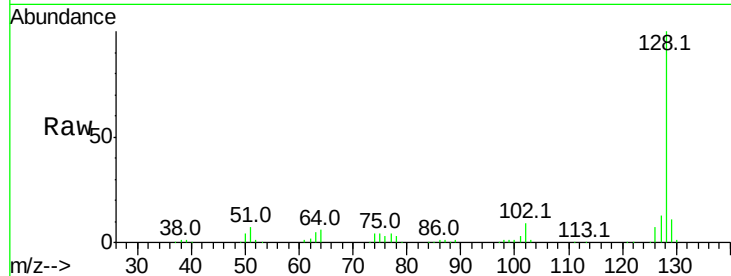
#31
Naphthalene
Concen: 42.559 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	308641		
129	10.8		8.8	13.2
127	13.3		10.9	16.3

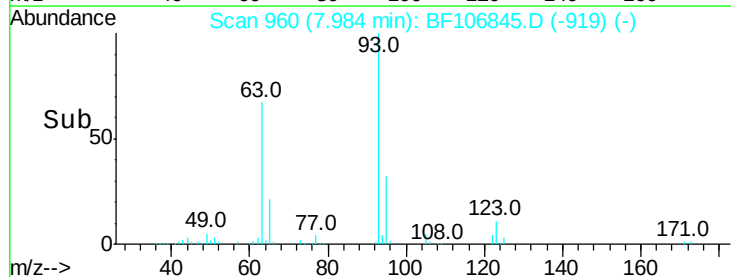
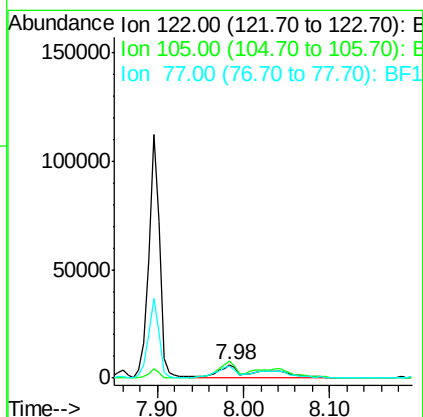
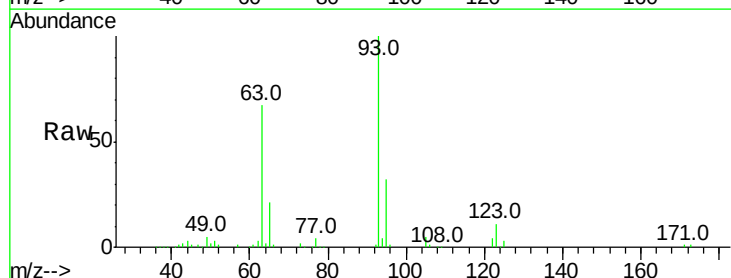
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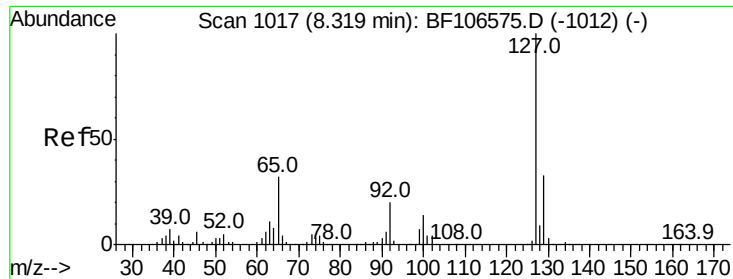
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#32
Benzoic acid
Concen: 18.222 ng m
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21453		
105	123.2		101.1	141.1
77	90.9		70.7	110.7





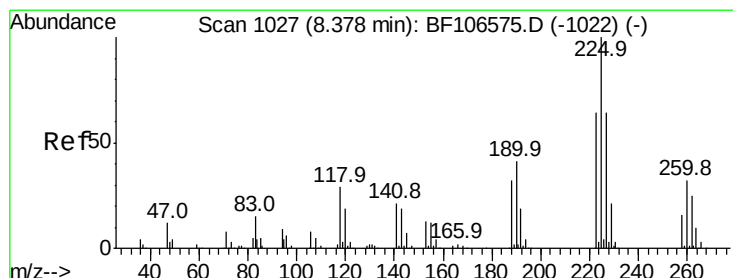
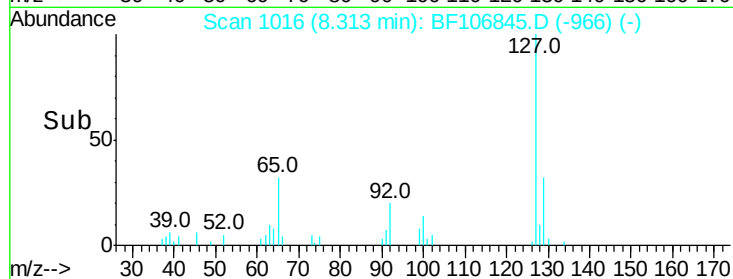
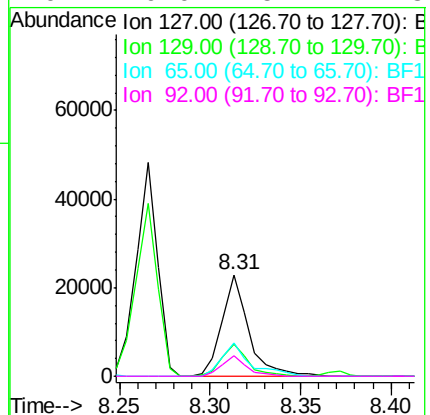
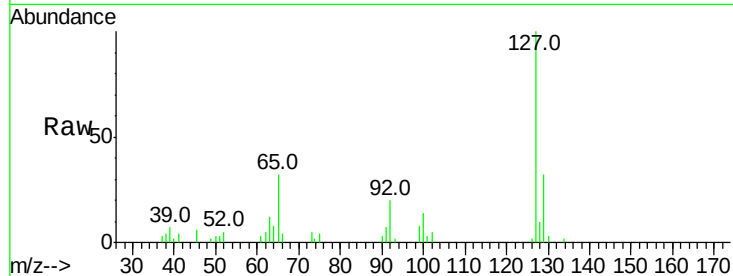
#33
4-Chloroaniline
Concen: 7.760 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	32.4	25.0	37.4
92	20.0	15.2	22.8

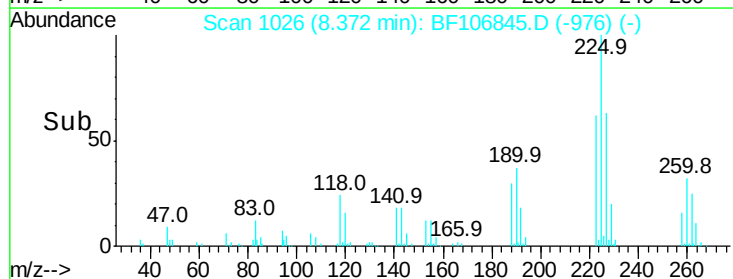
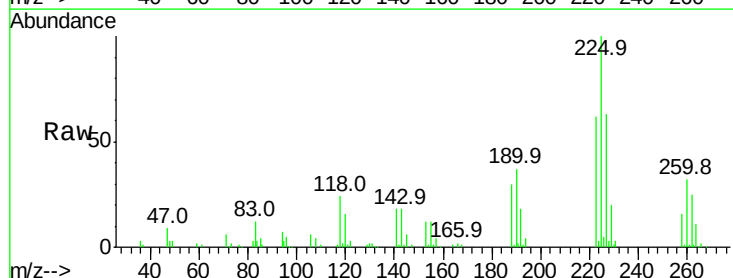
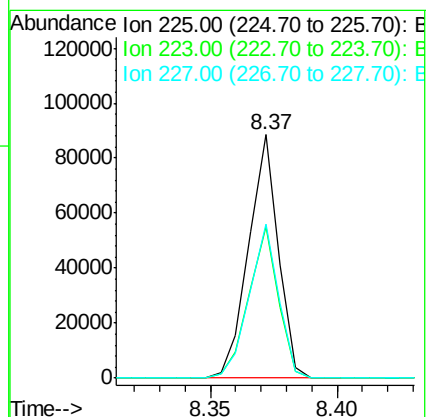
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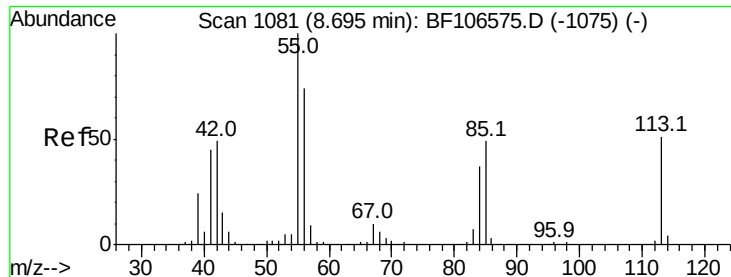
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#34
Hexachlorobutadiene
Concen: 46.280 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.1	51.9	77.9





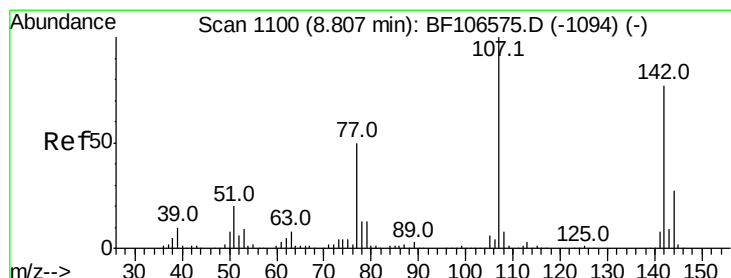
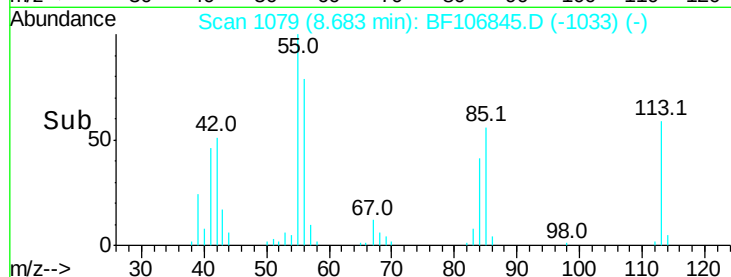
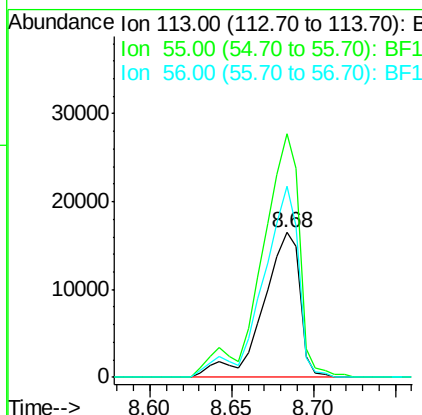
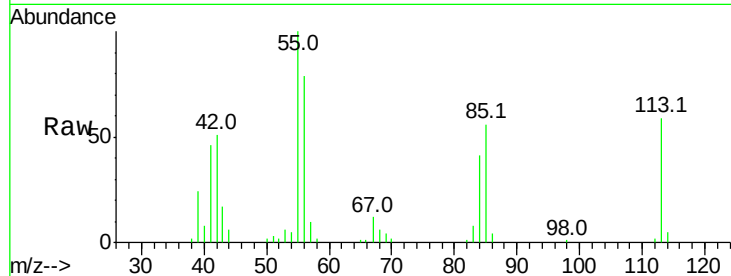
#35
Caprolactam
Concen: 36.305 ng/ml
RT: 8.68 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion:113 Resp: 25762
Ion Ratio Lower Upper
113 100
55 168.5 163.3 203.3
56 132.3 115.7 155.7

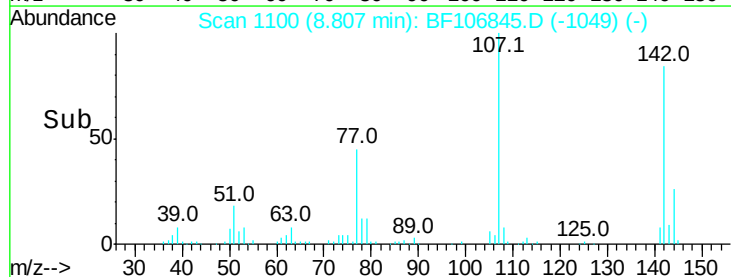
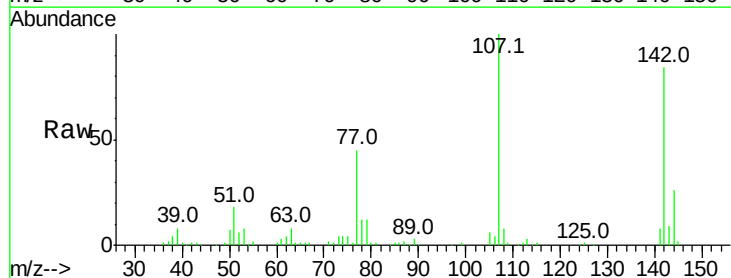
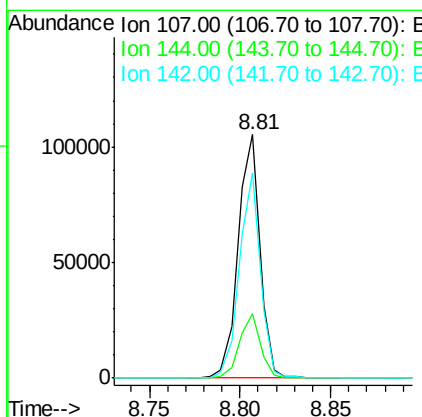
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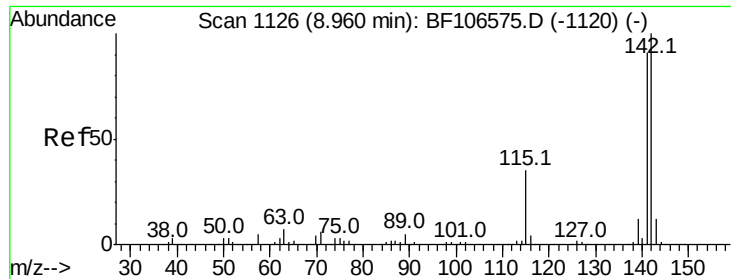
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.687 ng/ml
RT: 8.81 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:107 Resp: 88644
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 84.5 62.0 93.0





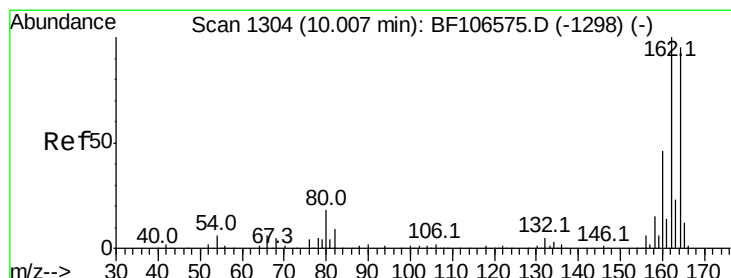
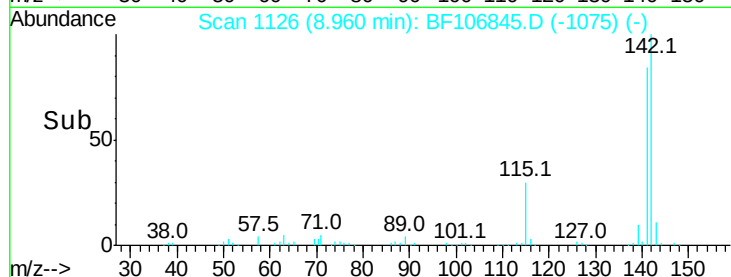
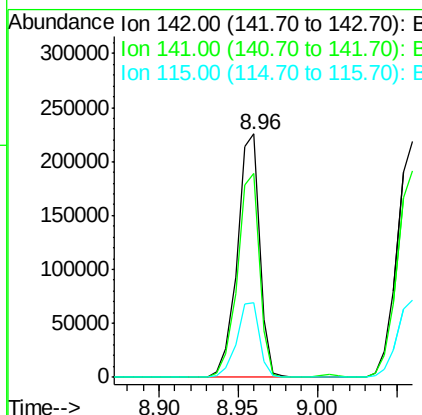
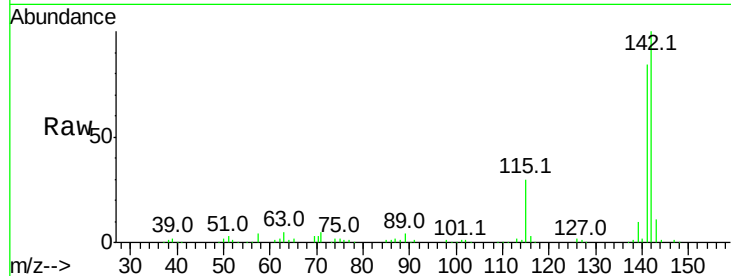
#37
2-Methylnaphthalene
Concen: 45.845 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.9	70.8	106.2
115	30.5	26.1	39.1

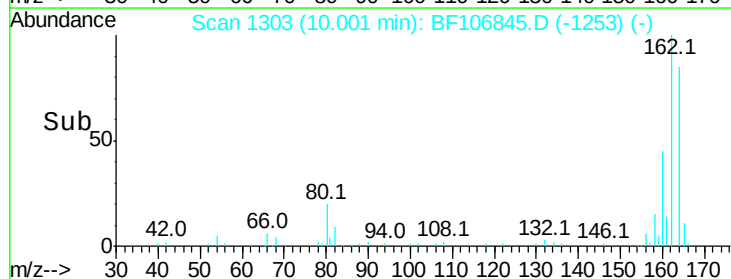
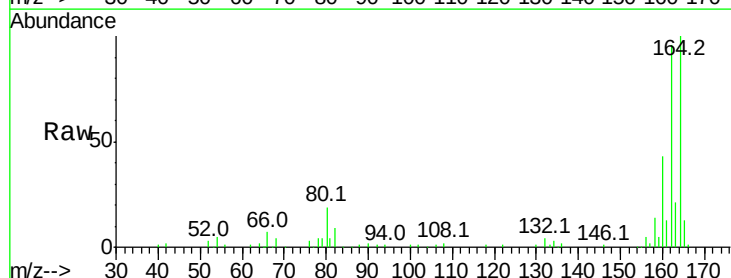
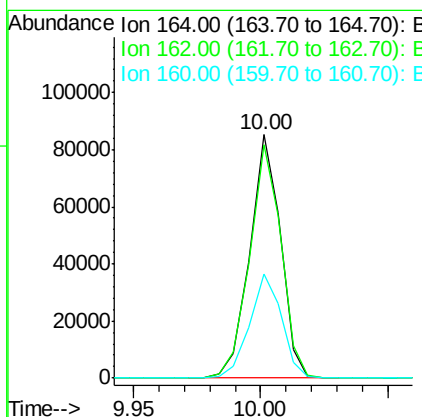
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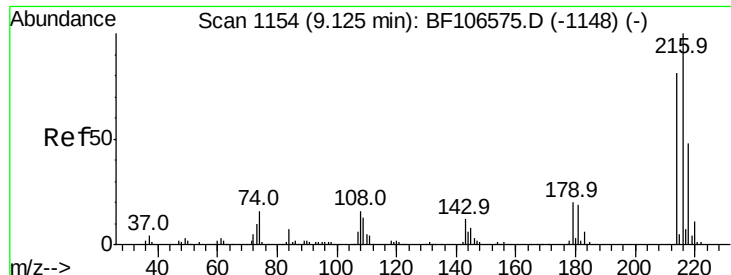
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	86.1	129.1
160	43.0	38.3	57.5





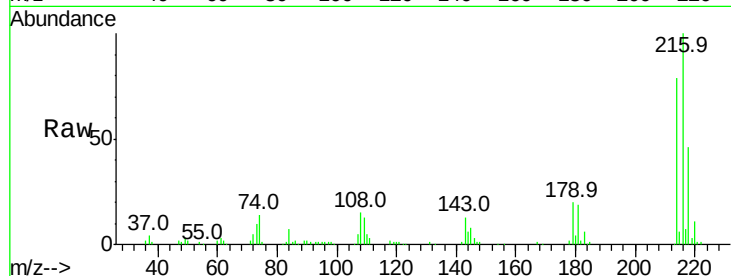
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.156 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

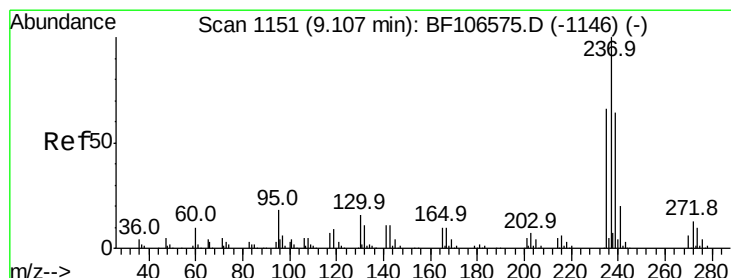
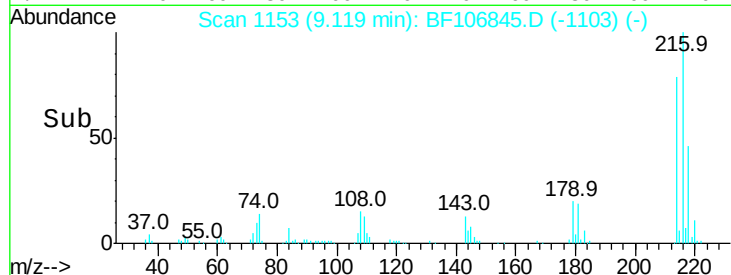
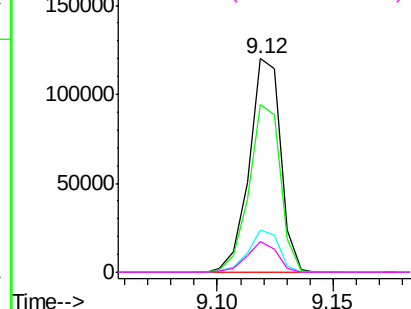
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	63.0	94.4
179	19.3	18.1	27.1
108	14.0	17.2	25.8

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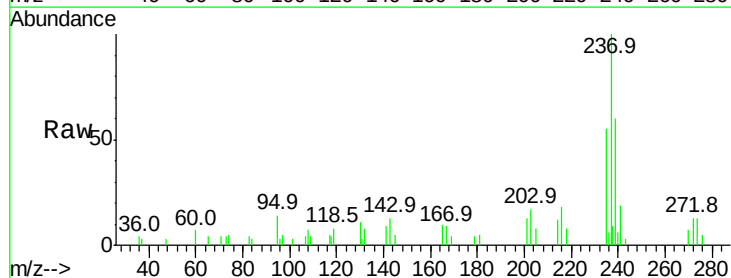


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

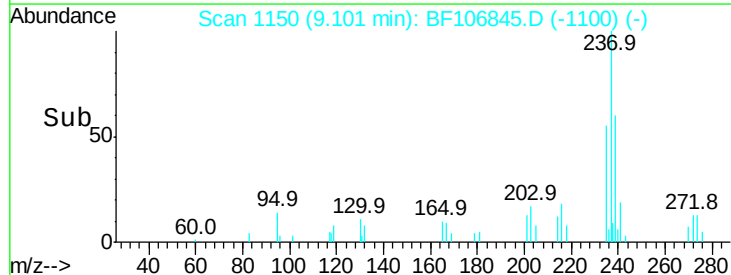
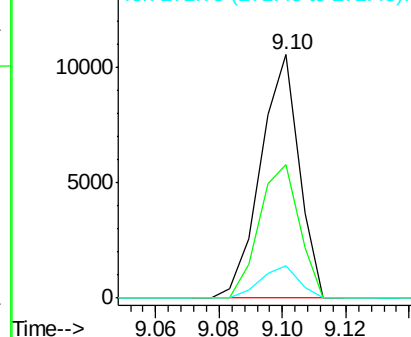


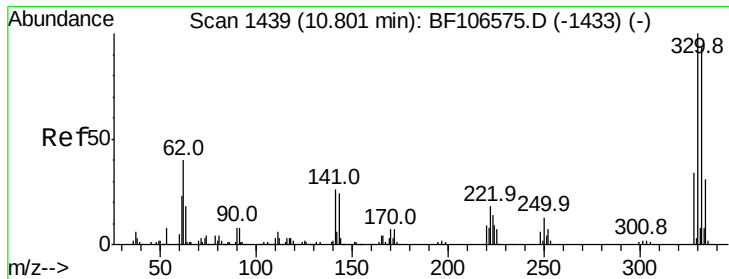
#40
 Hexachlorocyclopentadiene
 Concen: 7.104 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	54.7	44.8	84.8
272	13.2	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





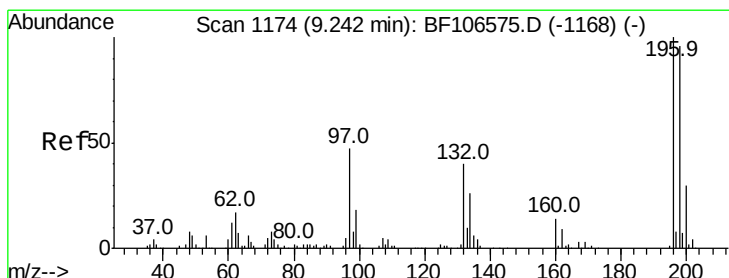
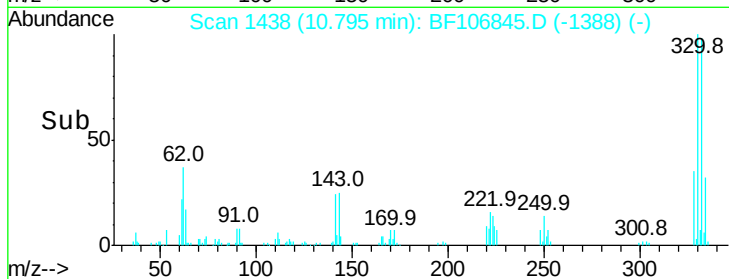
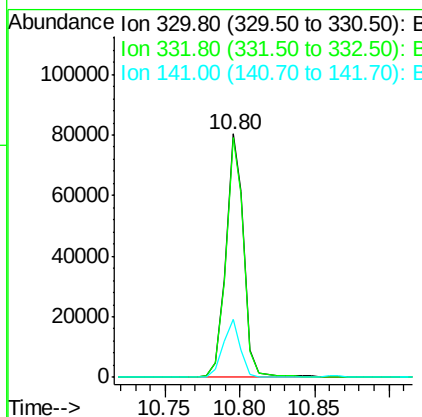
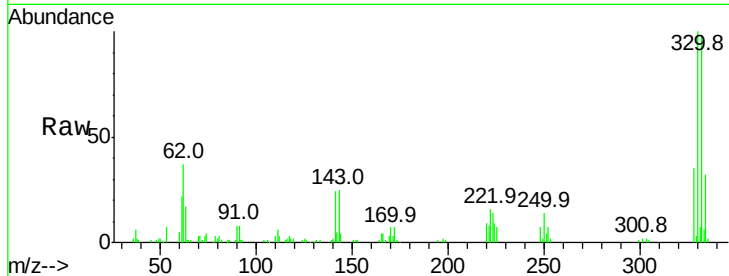
#41
 2,4,6-Tribromophenol
 Concen: 81.869 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampled :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	22.5	29.9	44.9#

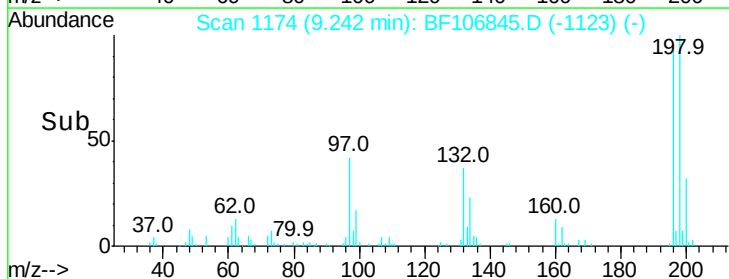
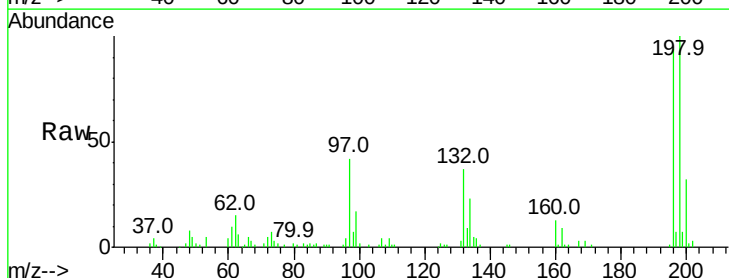
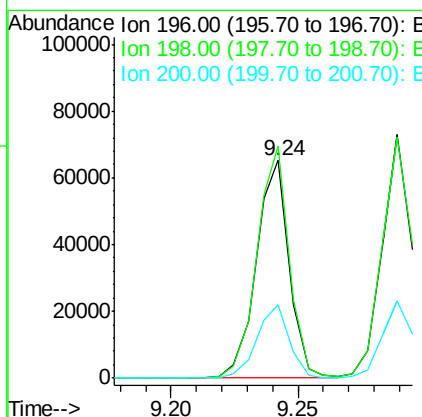
Manual Integrations
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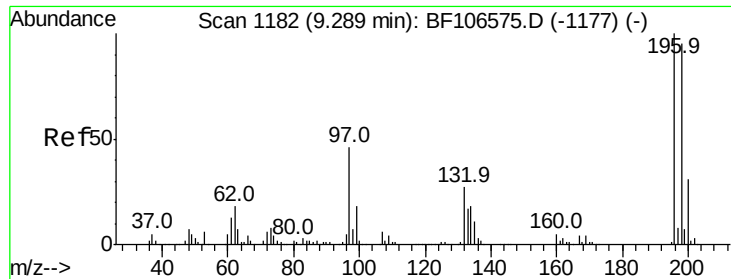
Sohil
 6/27/2018 2:14:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.470 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.5	75.7	113.5
200	33.6	24.5	36.7





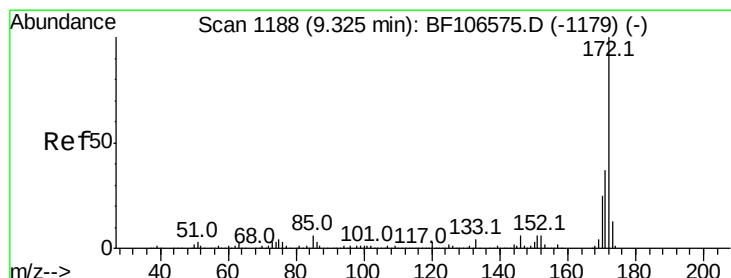
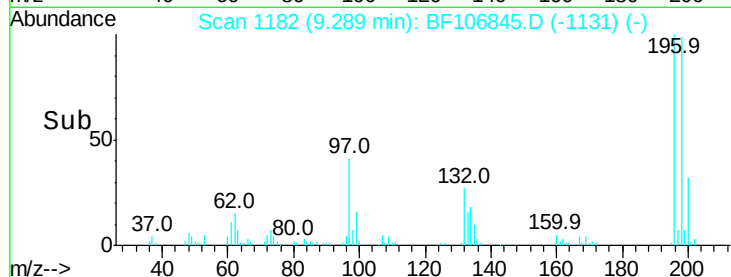
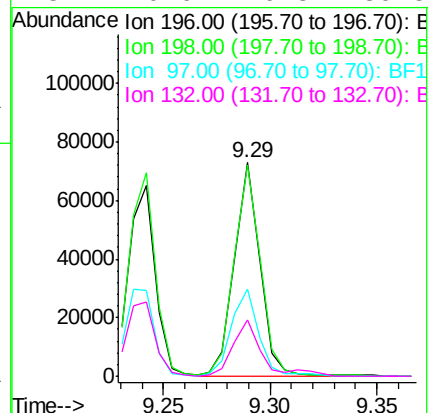
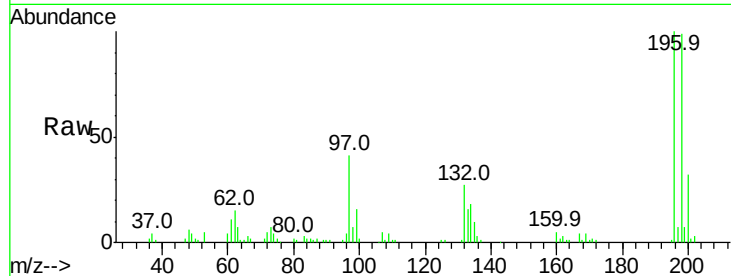
#43
 2,4,5-Trichlorophenol
 Concen: 36.576 ng m
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.2	74.6	112.0	
97	40.9	42.9	64.3#	
132	26.6	26.3	39.5	

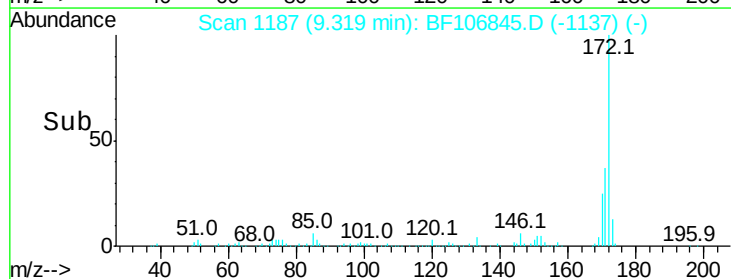
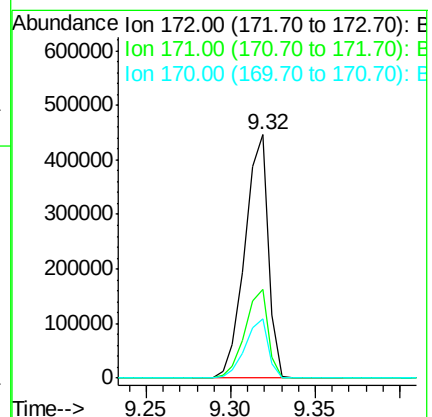
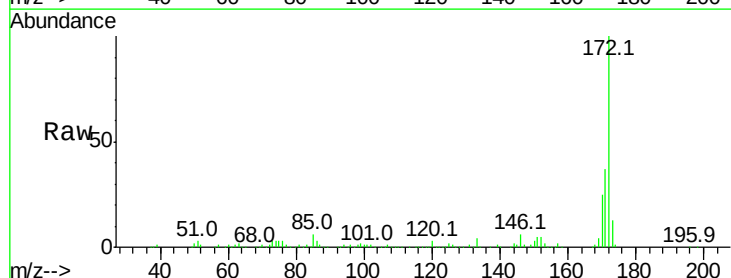
Manual Integrations
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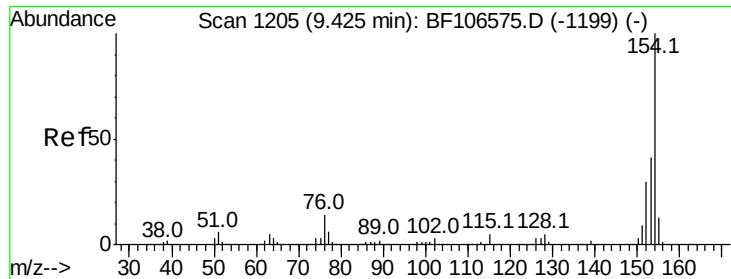
Sohil
 6/27/2018 2:14:34 PM



#44
 2-Fluorobiphenyl
 Concen: 104.519 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 45.665 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

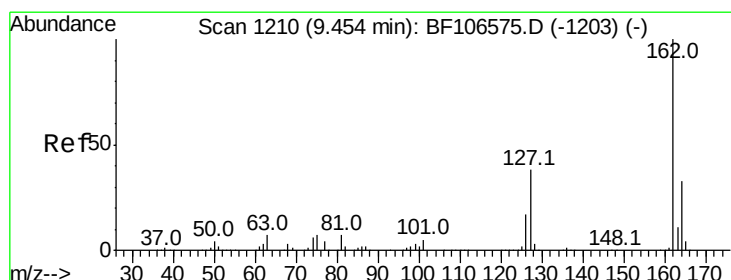
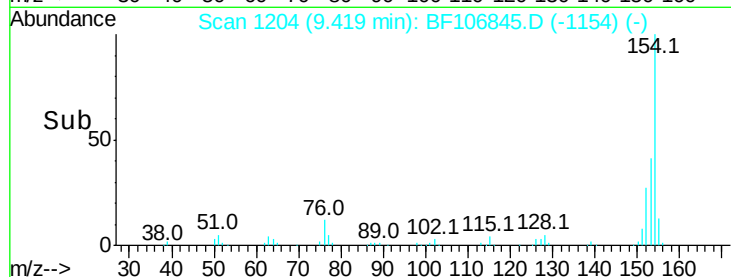
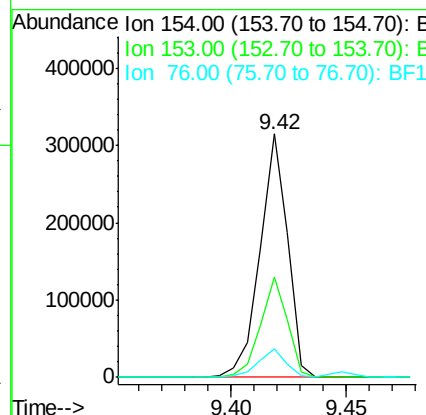
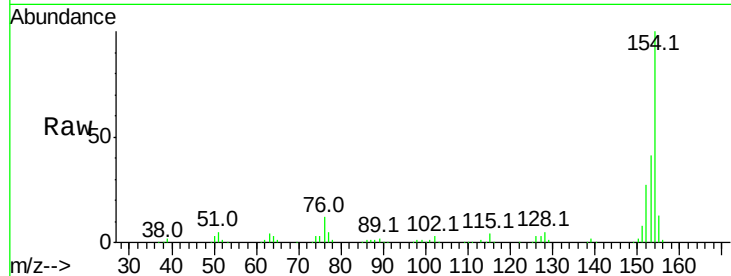
ClientSampleId :

PB110563BS

Tot Ion:	154	Resp:	262318
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	11.7	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 41.022 ng

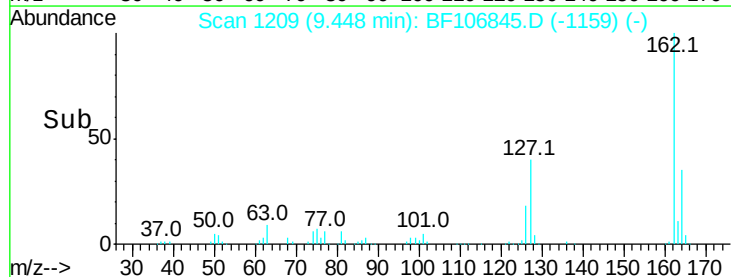
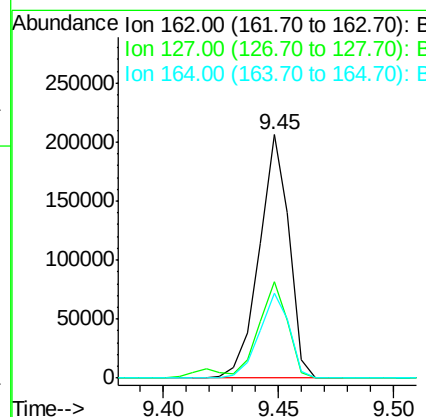
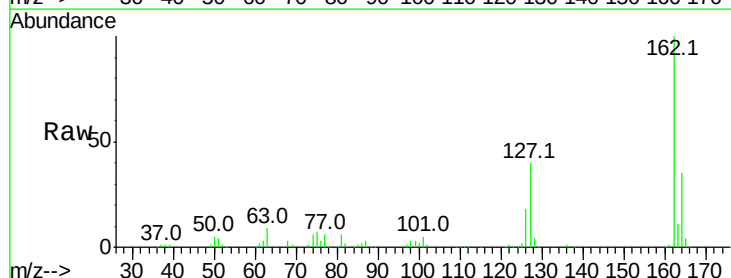
RT: 9.45 min Scan# 1209

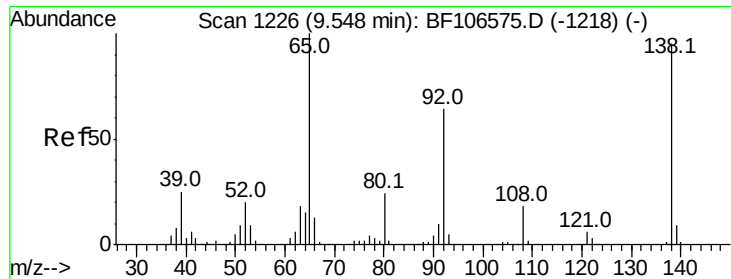
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	162	Resp:	185486
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	35.1	26.5	39.7





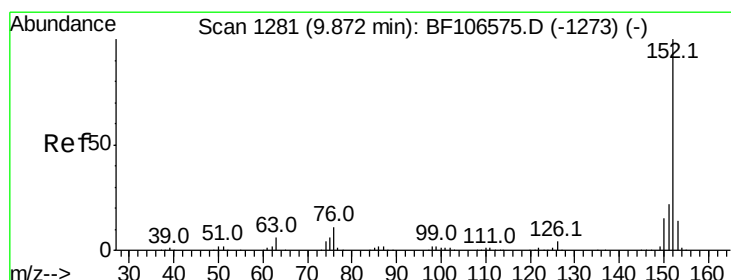
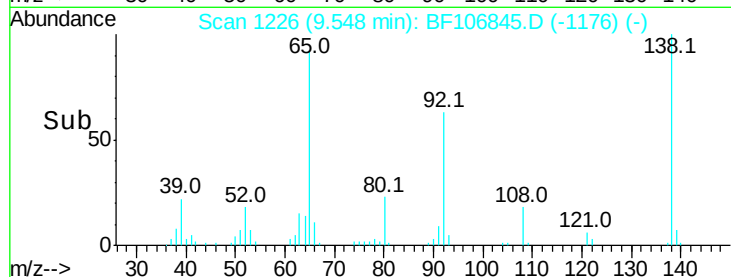
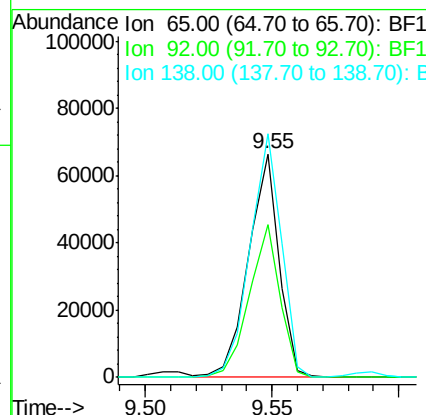
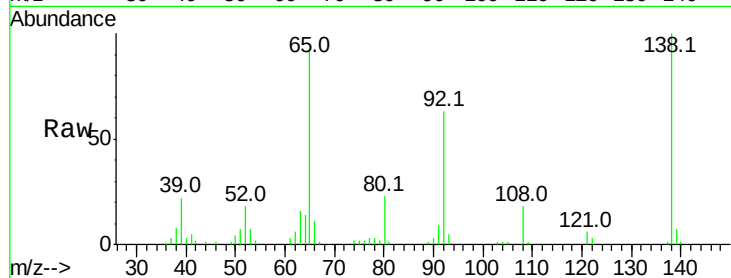
#47
2-Nitroaniline
Concen: 36.693 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	55.8	83.6
138	108.9	91.2	136.8

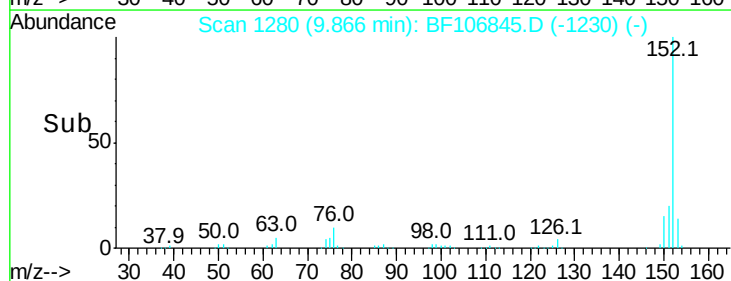
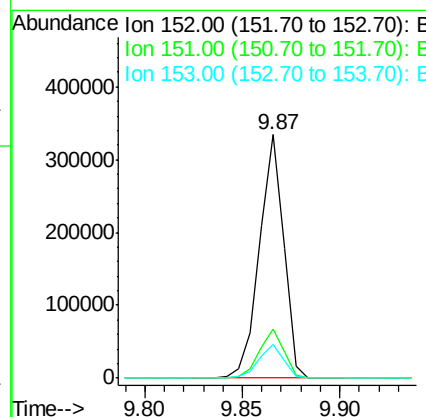
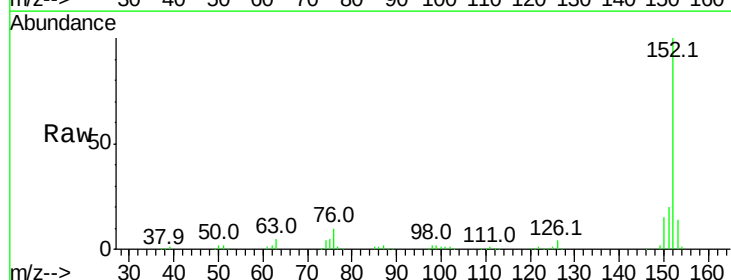
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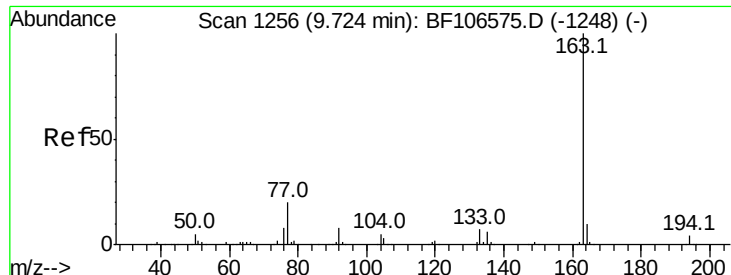
Sohil
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#48
Acenaphthylene
Concen: 40.507 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.9	10.7	16.1





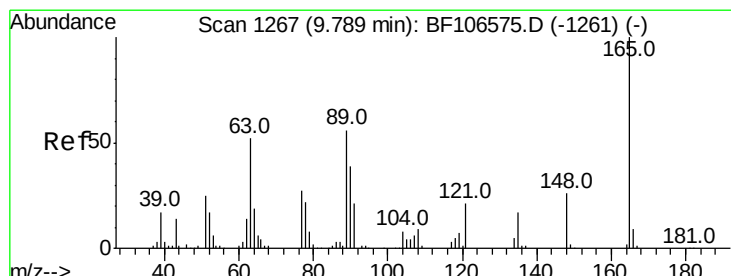
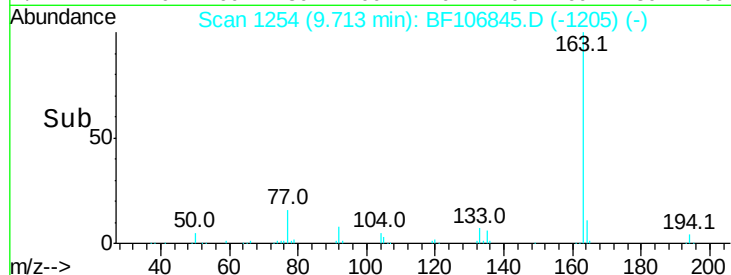
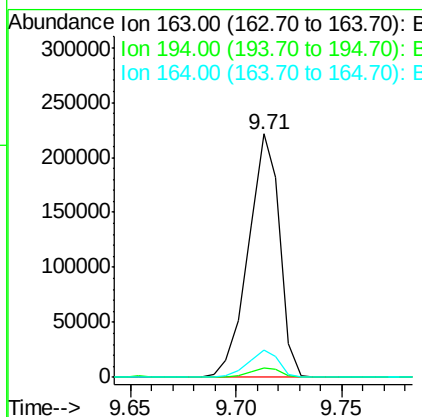
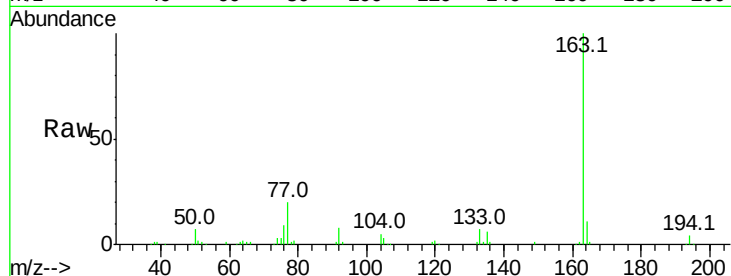
#49
Dimethylphthalate
Concen: 42.024 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	227183		
194	3.9		2.7	4.1
164	11.0		8.2	12.2

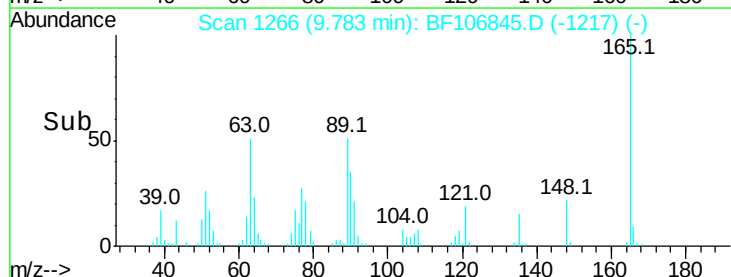
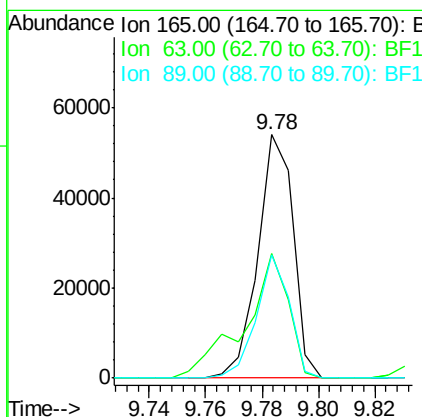
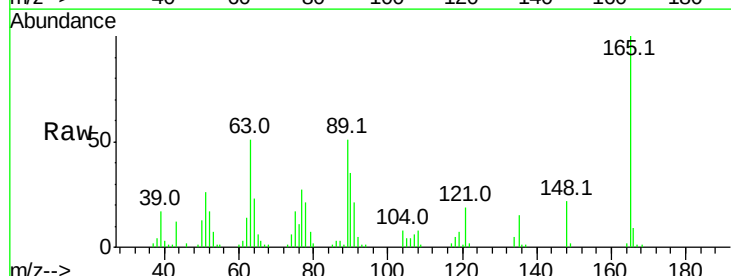
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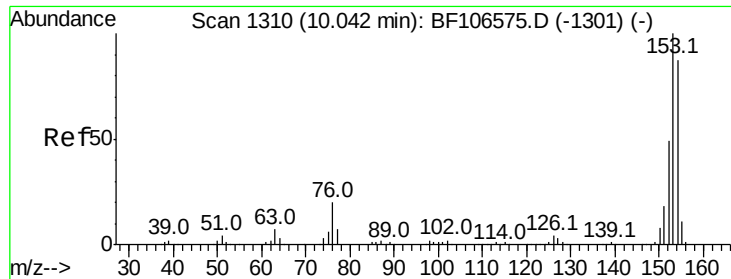
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.013 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	46949		
63	51.0		44.7	67.1
89	50.7		44.0	66.0





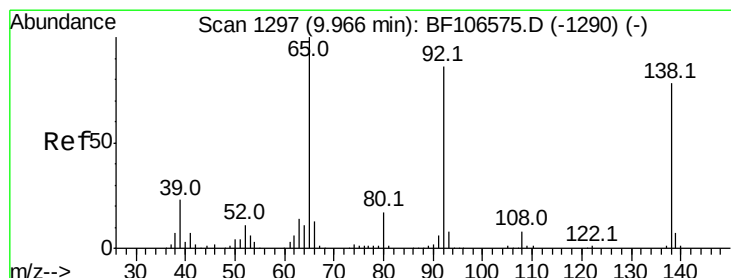
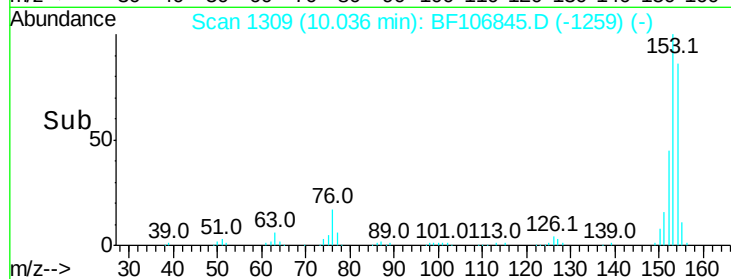
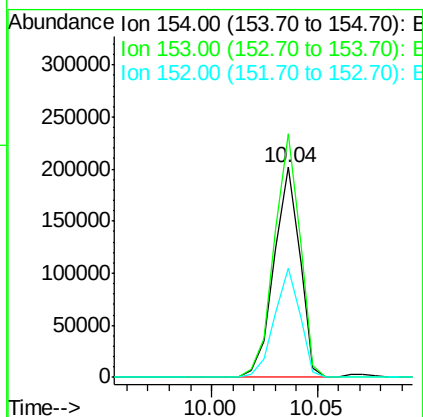
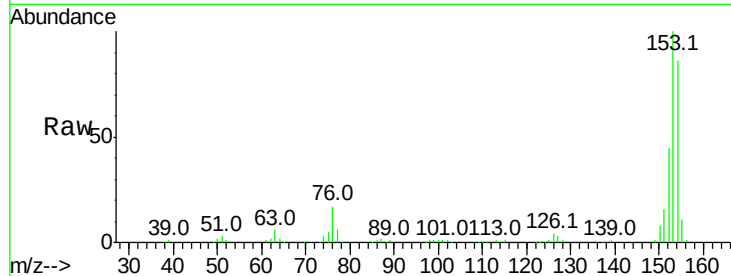
#51
Acenaphthene
Concen: 38.347 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.2	136.8
152	51.8	43.8	65.8

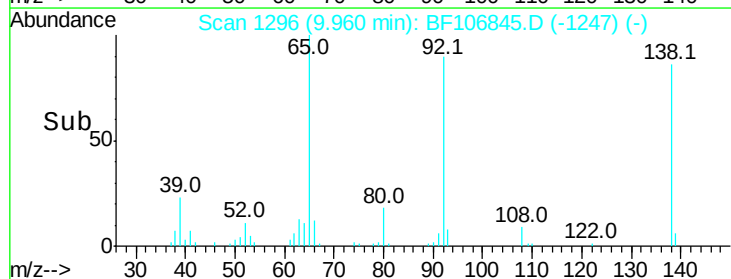
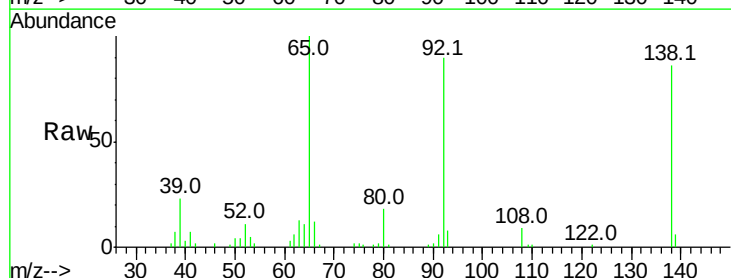
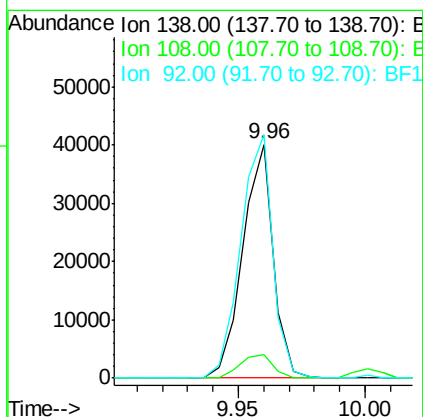
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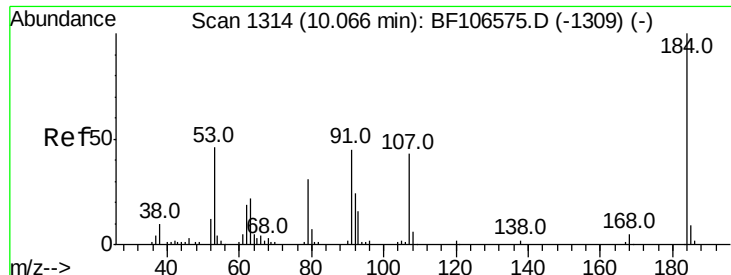
Sohil
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#52
3-Nitroaniline
Concen: 25.382 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	104.3	89.4	134.2





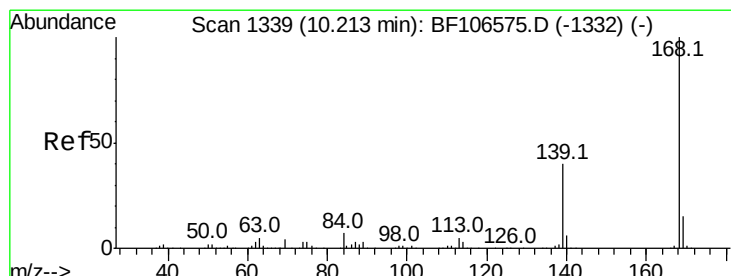
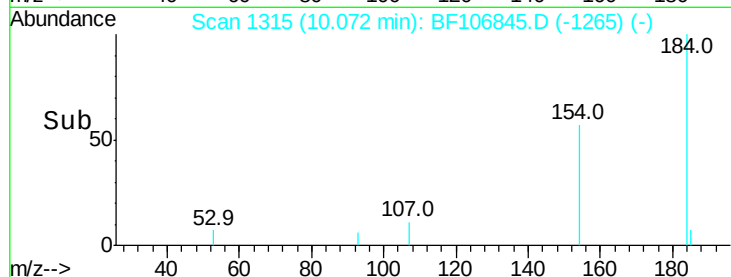
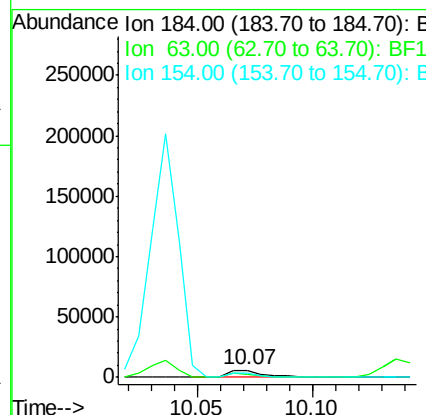
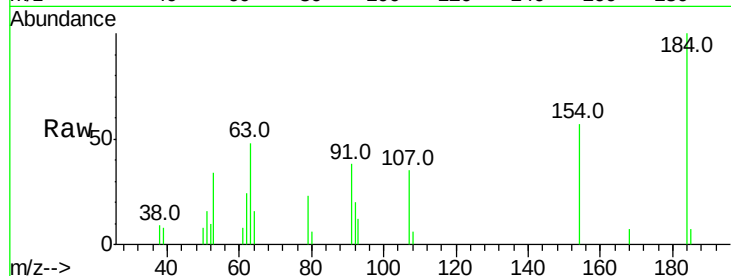
#53
 2,4-Dinitrophenol
 Concen: 15.576 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampled :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.9	54.2	81.2#
154	56.6	184.0	276.0#

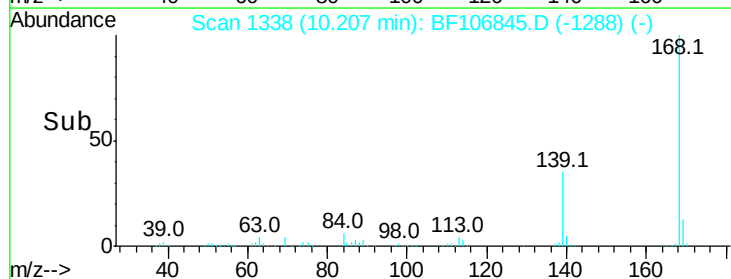
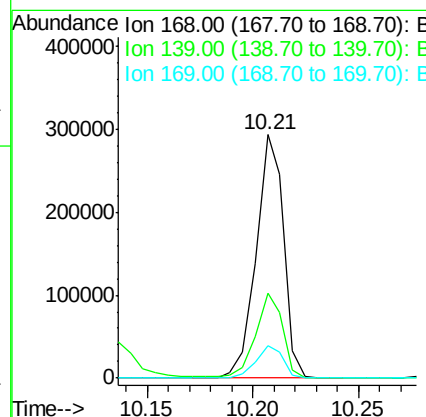
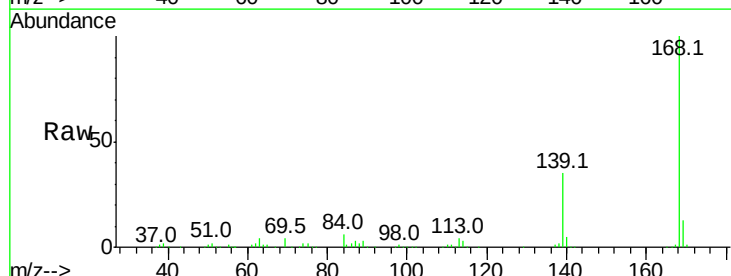
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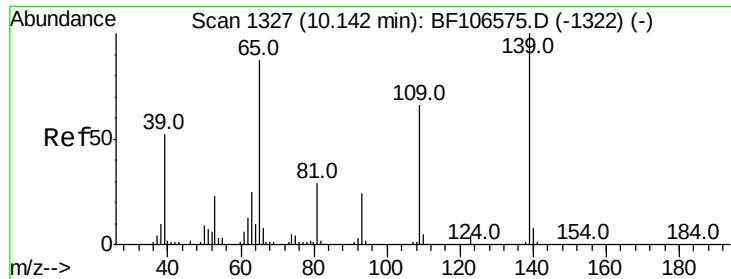
Sohil
 6/27/2018 2:14:34 PM



#54
 Dibenzofuran
 Concen: 43.051 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.3	10.9	16.3





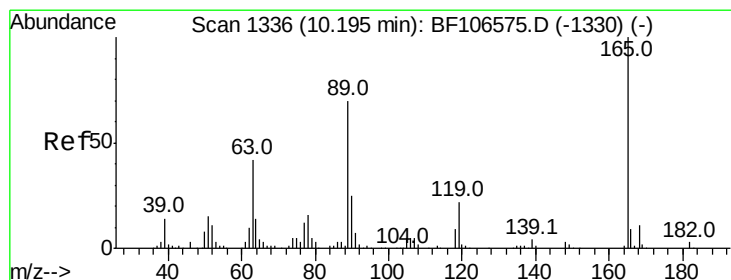
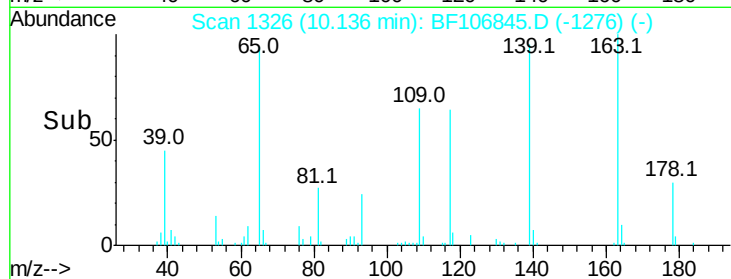
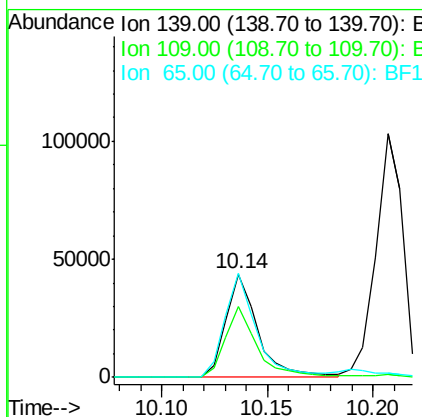
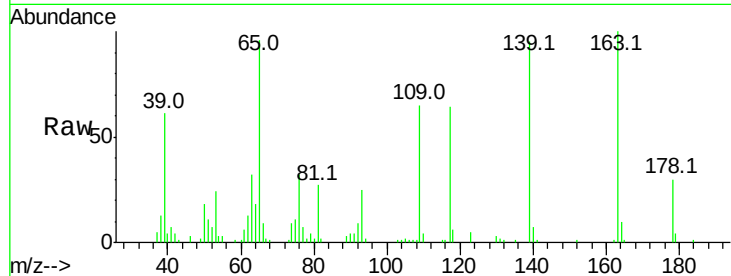
#55
4-Nitrophenol
Concen: 50.020 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampled :
PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	45993		
109	68.6	48.4	88.4	
65	101.0	72.6	112.6	

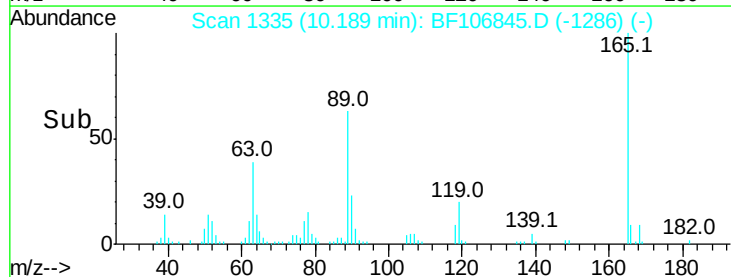
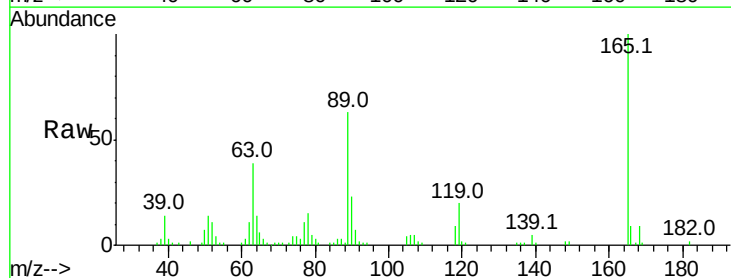
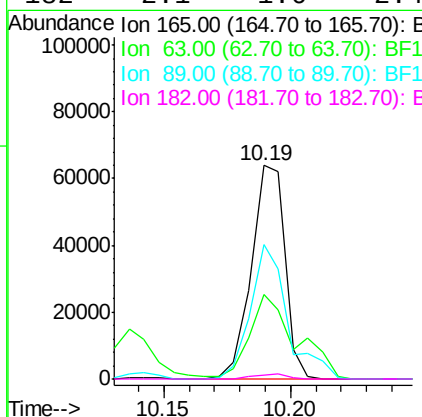
Manual Integrations
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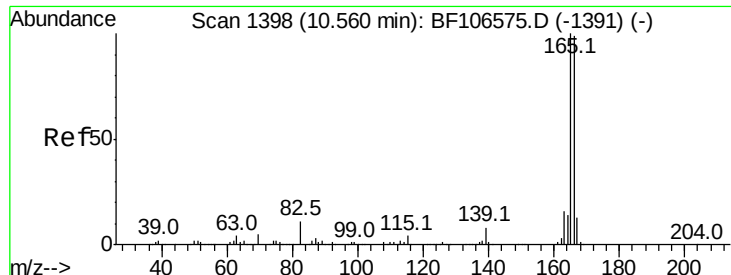
Sohil
6/27/2018 2:14:34 PM



#56
2,4-Dinitrotoluene
Concen: 39.594 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	59162		
63	39.4	36.4	54.6	
89	62.8	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 41.509 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

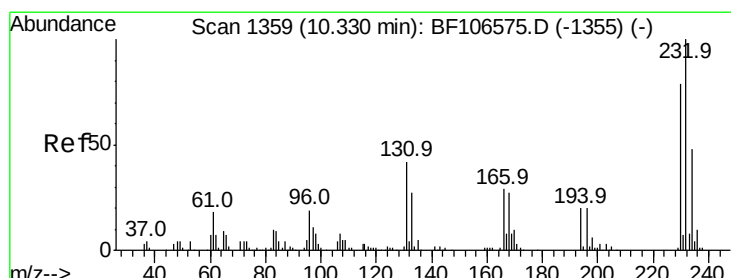
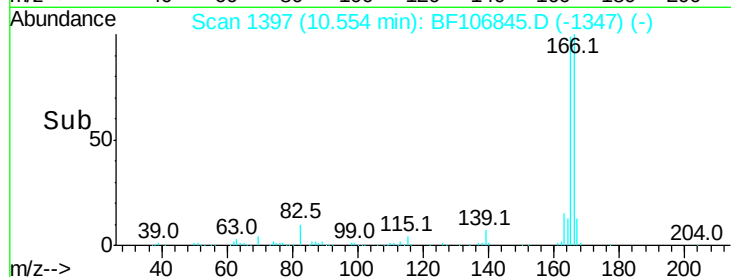
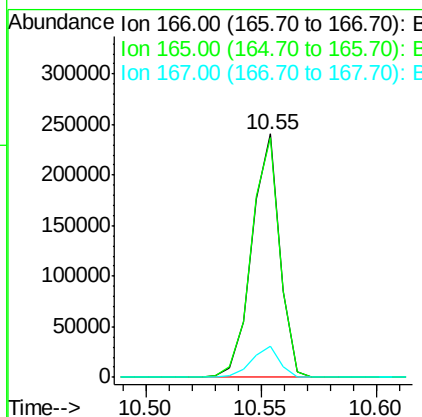
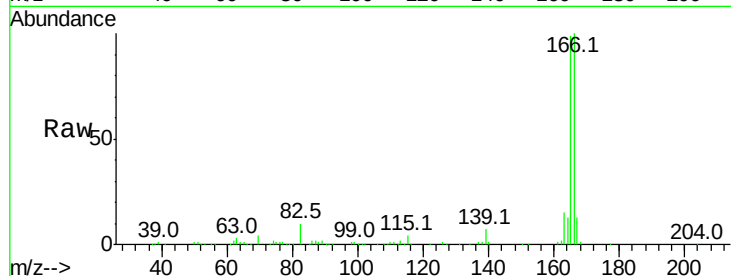
ClientSampleId :

PB110563BS

Tot Ion:	166	Resp:	202757
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.8	119.8
167	12.7	10.6	16.0

Manual Integrations
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6/27/2018 2:14:34 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.897 ng

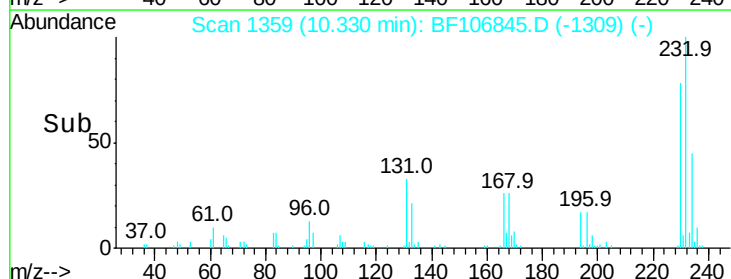
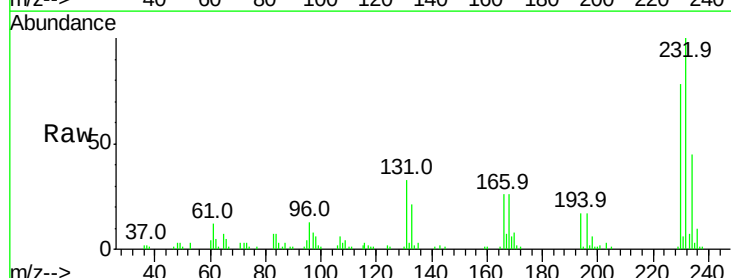
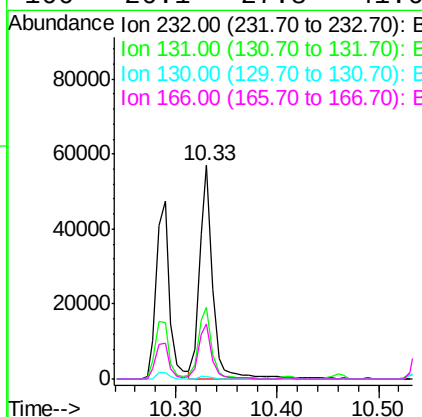
RT: 10.33 min Scan# 1359

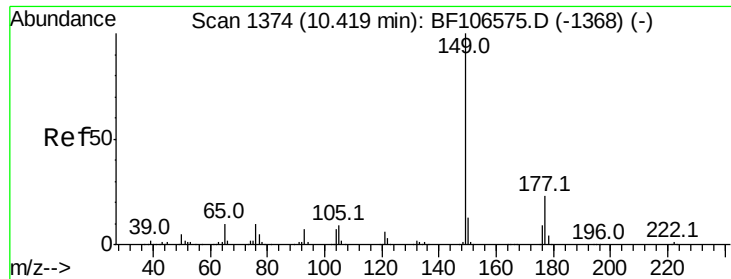
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	232	Resp:	52059
Ion Ratio	Lower	Upper	
232	100		
131	34.3	43.8	65.8#
130	1.3	2.1	3.1#
166	26.1	27.8	41.6#





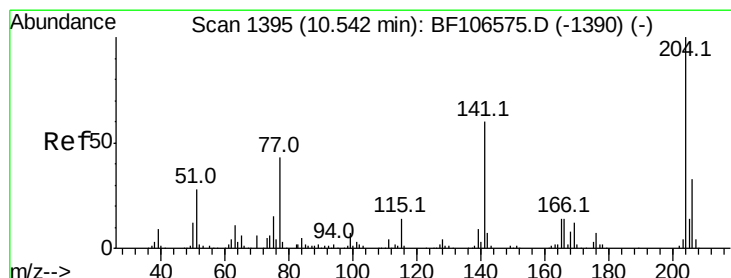
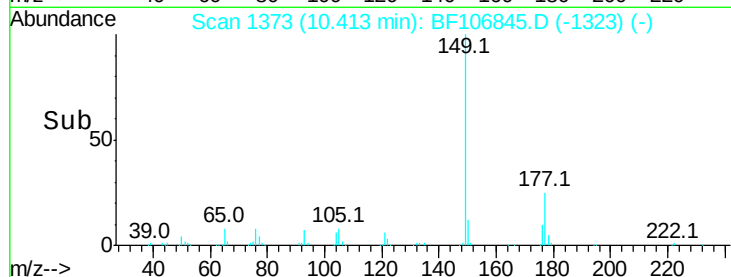
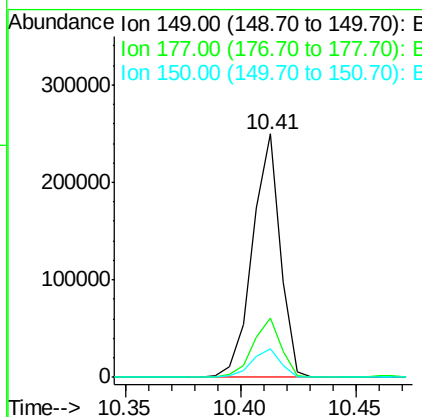
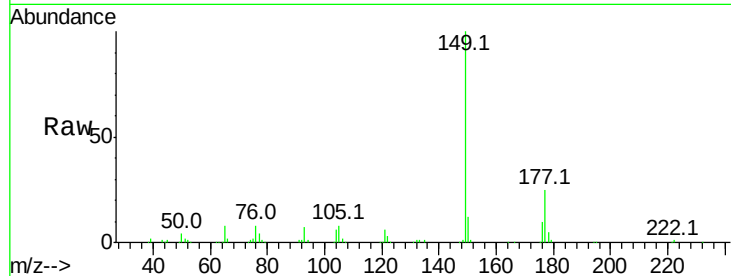
#59
Diethylphthalate
Concen: 40.202 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	209764		
177	24.6	16.1	24.1#	
150	11.9	10.1	15.1	

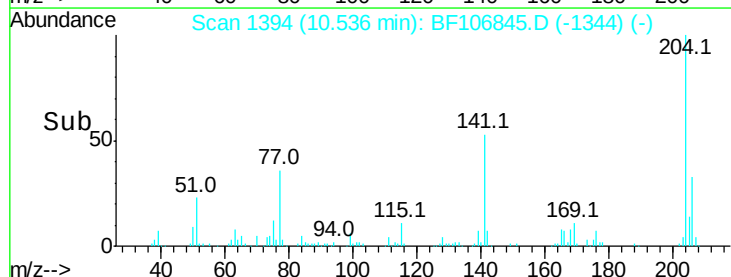
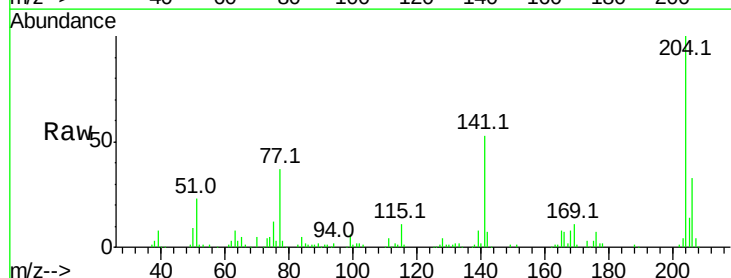
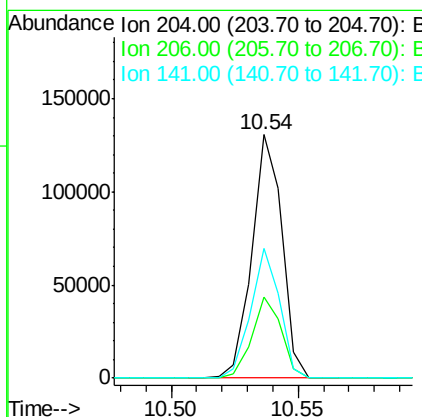
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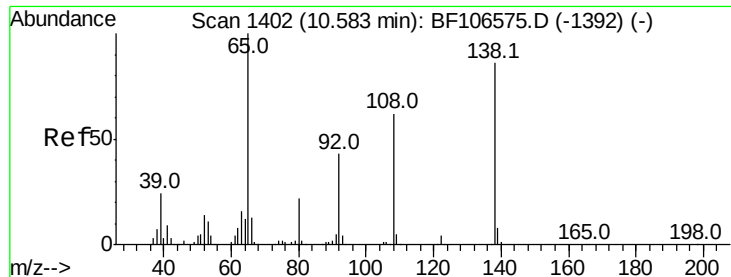
Sohil
6/27/2018 2:14:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.194 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	107837		
206	33.1	26.5	39.7	
141	53.1	54.6	81.8#	





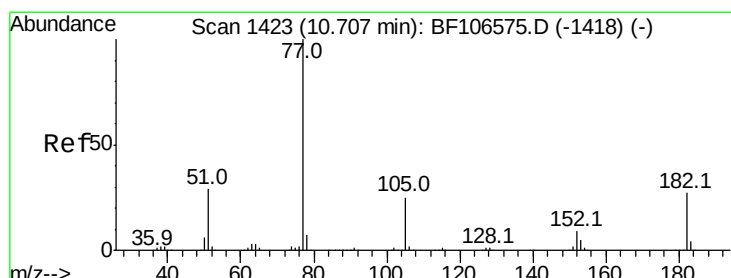
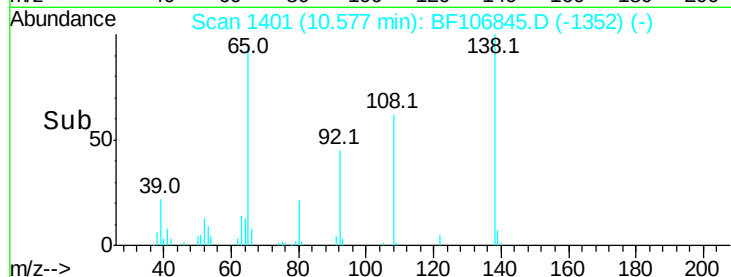
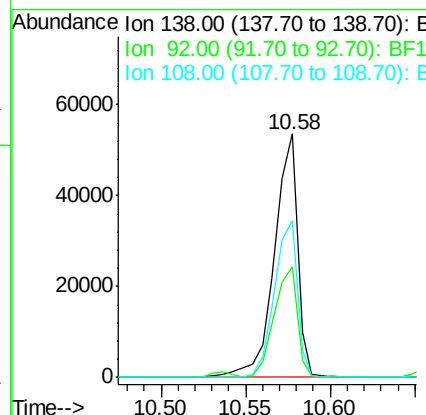
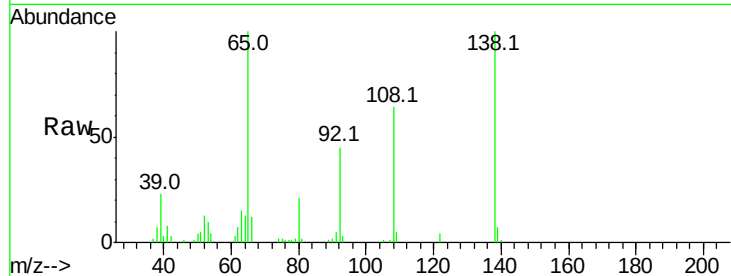
#61
4-Nitroaniline
Concen: 38.985 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.4	30.2	70.2
108	64.5	52.5	92.5

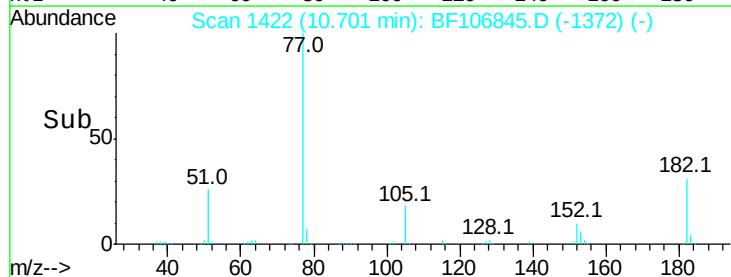
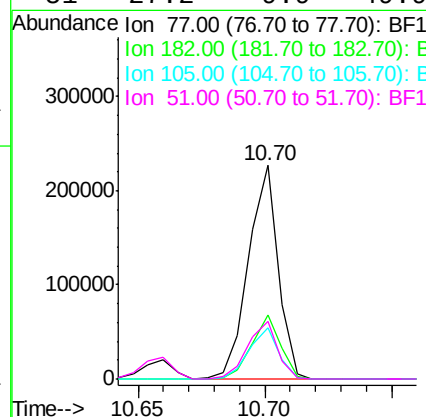
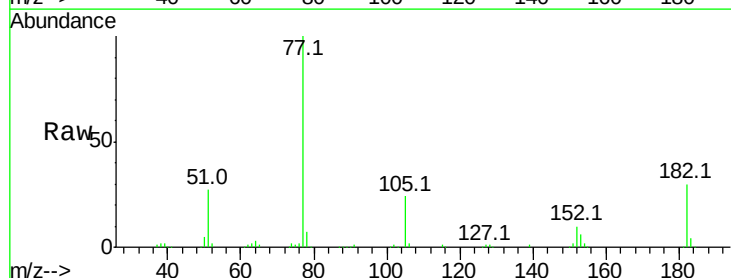
Manual Integrations
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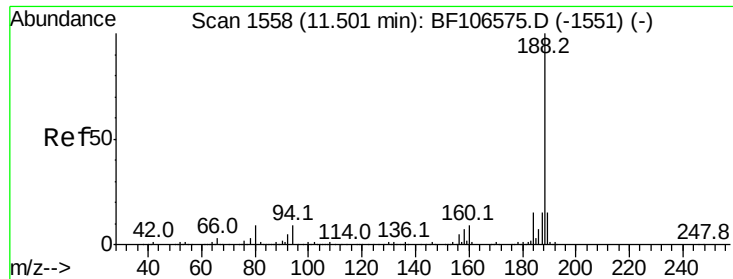
Sohil
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#62
Azobenzene
Concen: 35.958 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	1.7	41.7
105	24.1	3.0	43.0
51	27.2	9.9	49.9





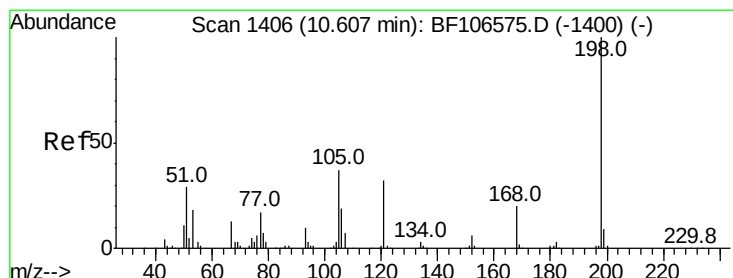
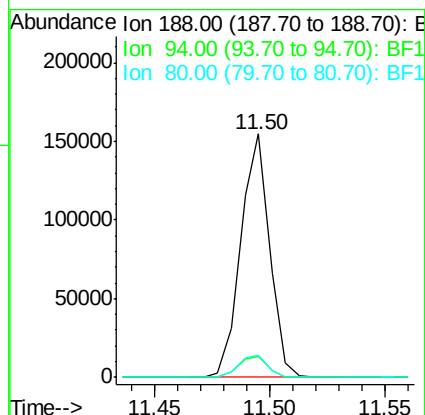
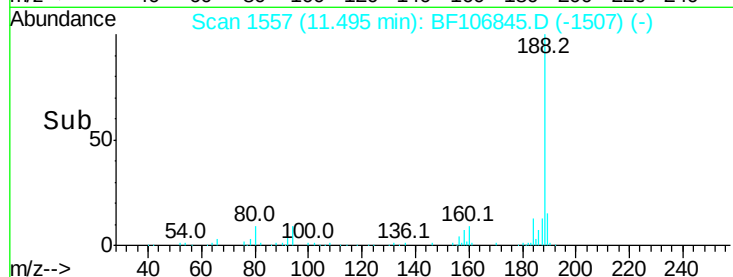
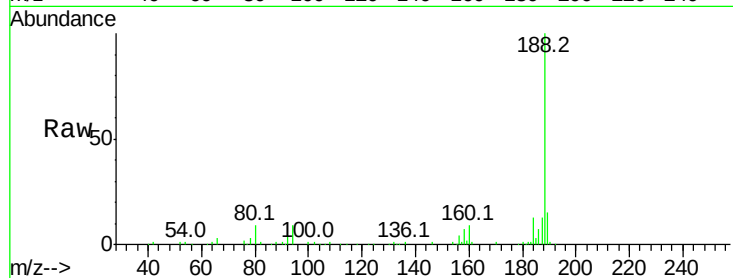
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#

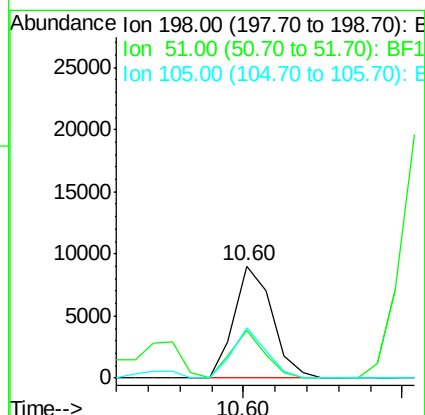
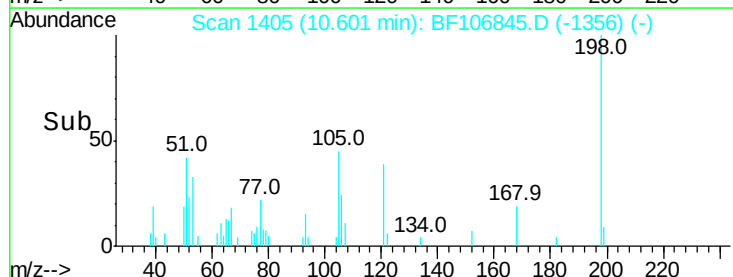
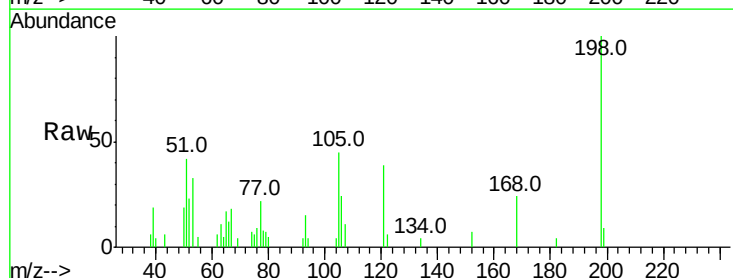
Manual Integrations
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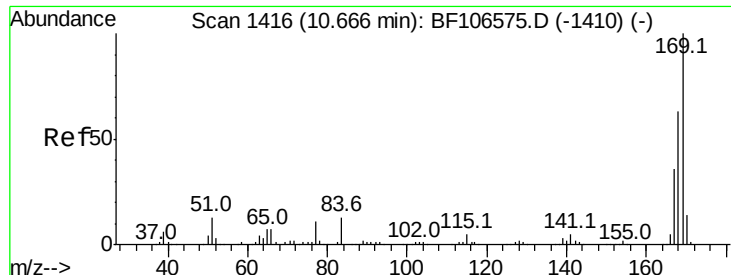
Sohil
 6/27/2018 2:14:34 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.948 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	42.5	37.7	77.7
105	45.1	36.3	76.3





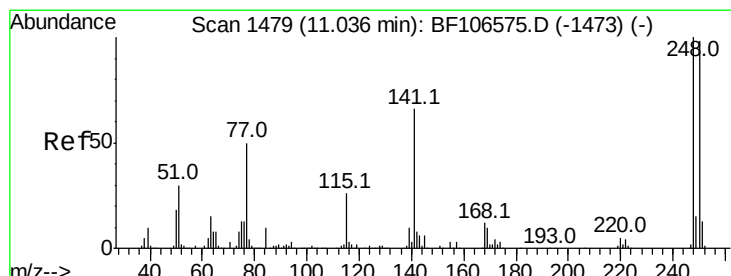
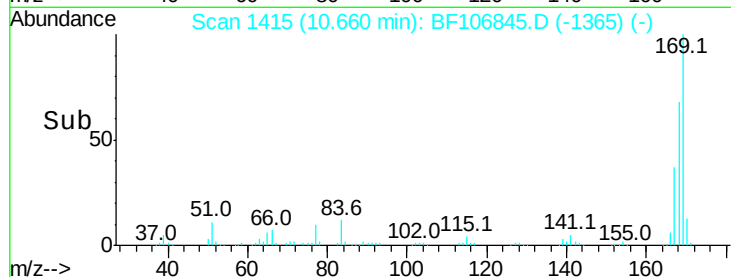
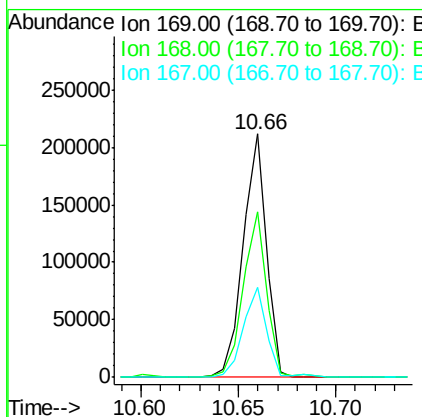
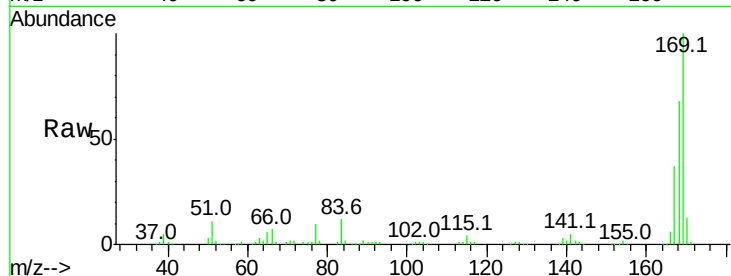
#65
 n-Nitrosodiphenylamine
 Concen: 38.607 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	175087		
168	68.1	54.4	81.6	
167	37.2	29.8	44.6	

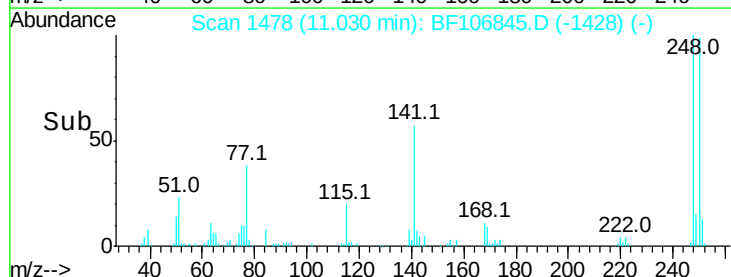
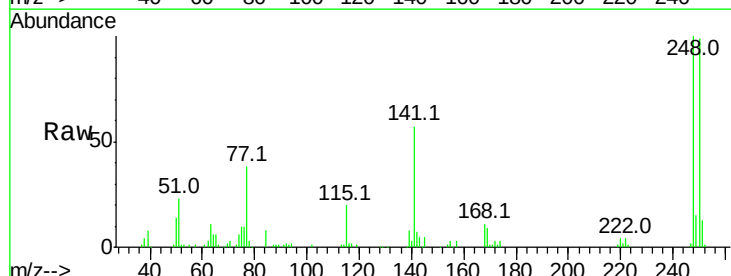
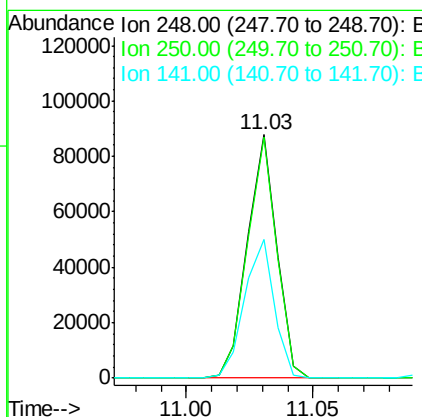
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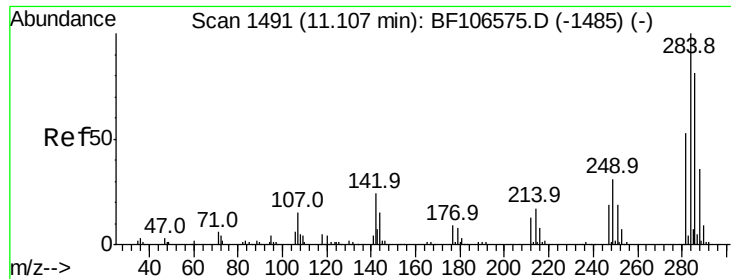
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 44.203 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71130		
250	98.9	76.9	115.3	
141	57.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 43.674 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

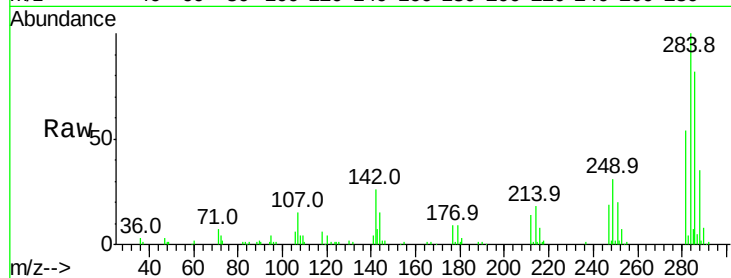
ClientSampleId :

PB110563BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.9	34.6	52.0#
249	30.9	24.8	37.2

Manual Integrations
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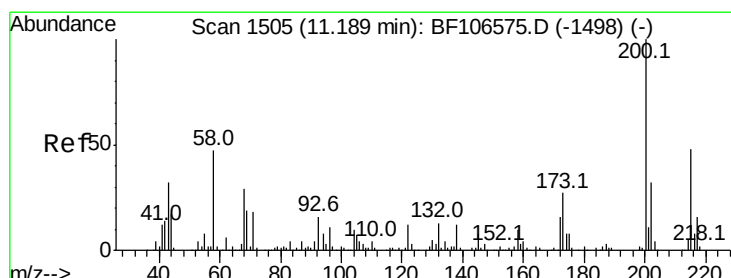
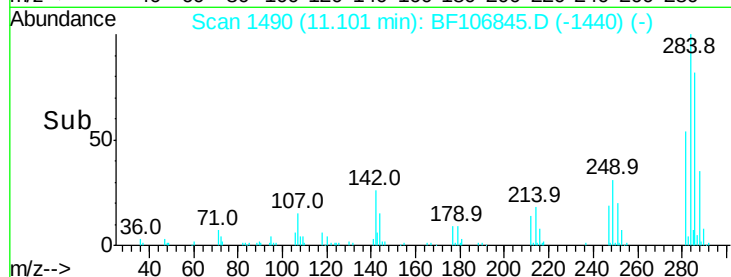
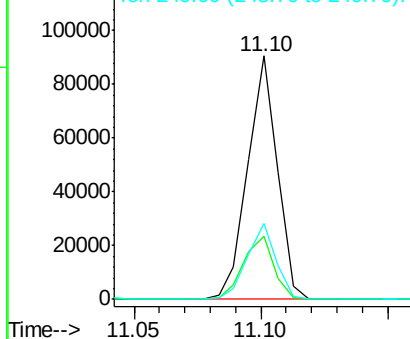
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.339 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF106845.D

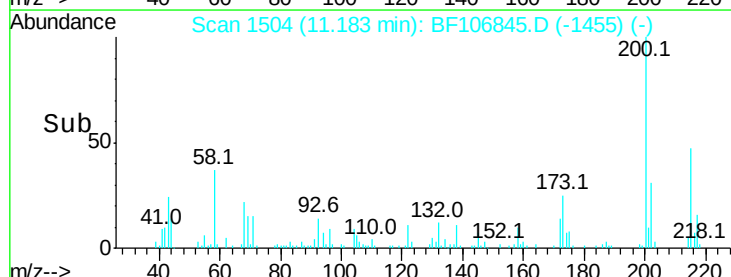
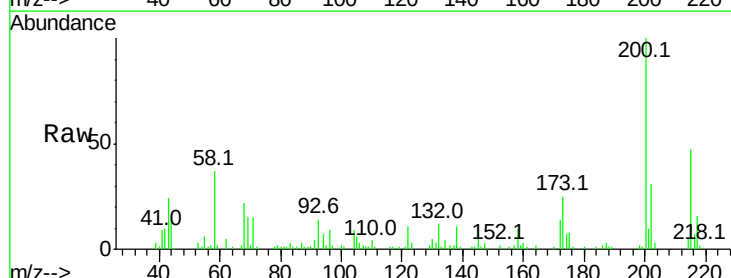
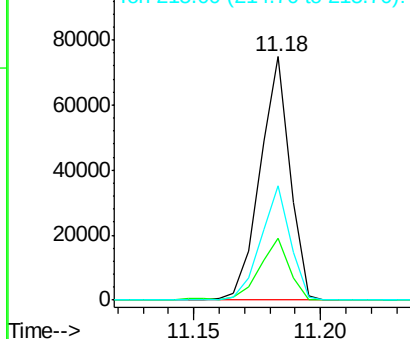
Acq: 27 Jun 2018 2:02

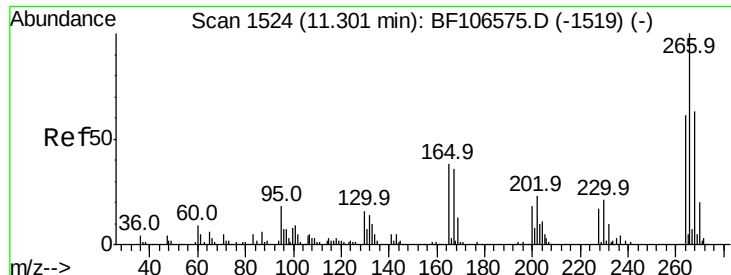
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.6	48.6
215	46.8	25.1	65.1

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





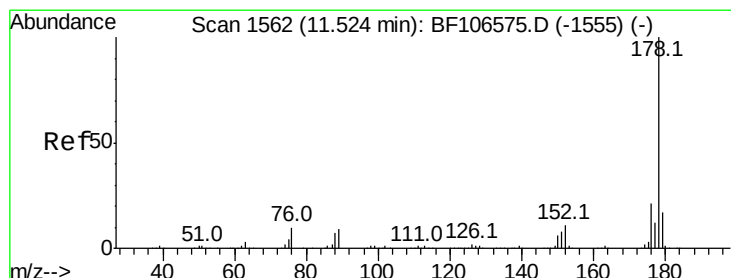
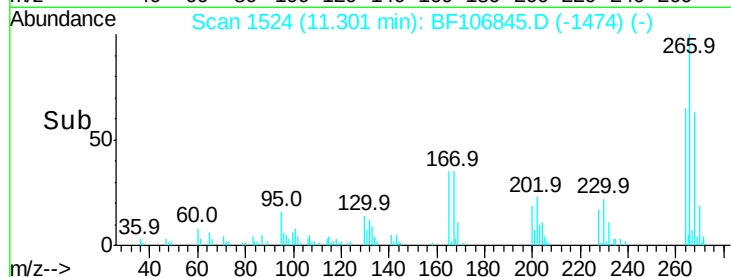
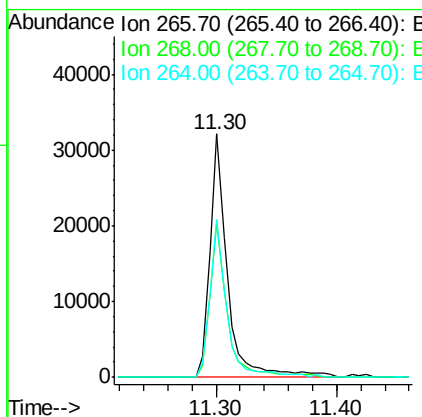
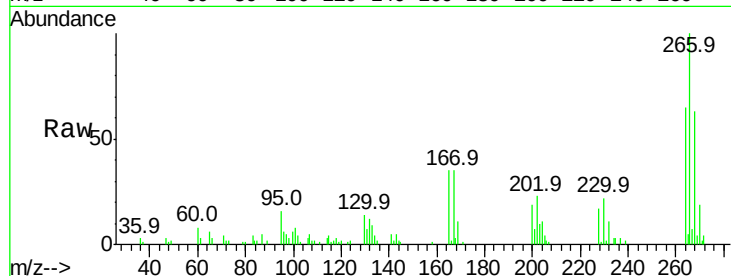
#69
 Pentachlorophenol
 Concen: 38.344 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.0	49.5	74.3

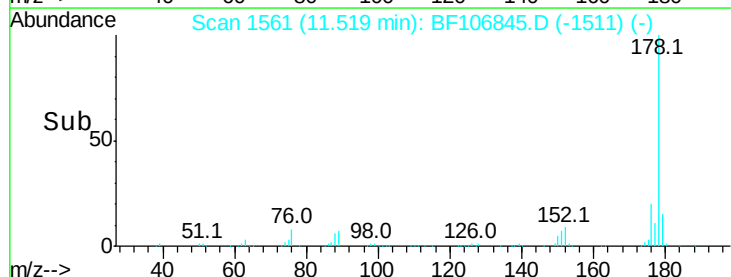
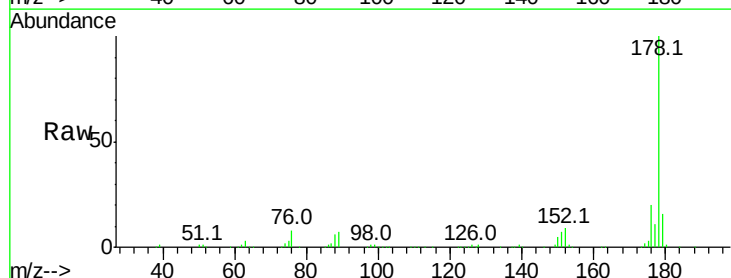
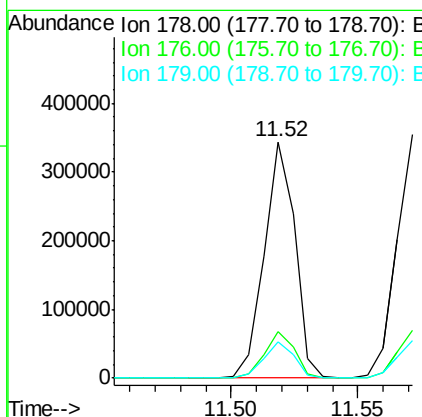
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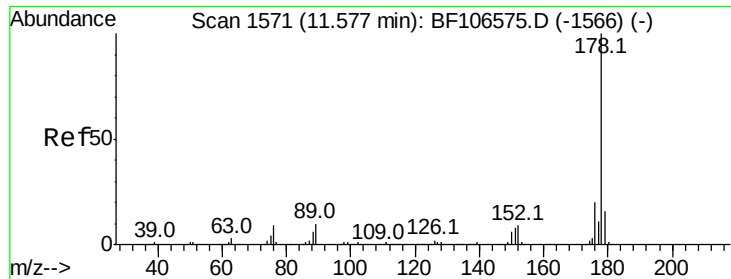
Sohil
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#70
 Phenanthrene
 Concen: 44.911 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6





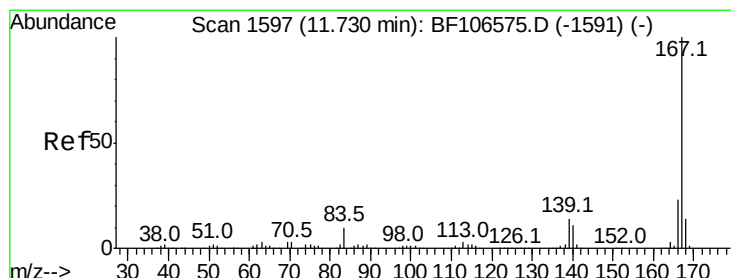
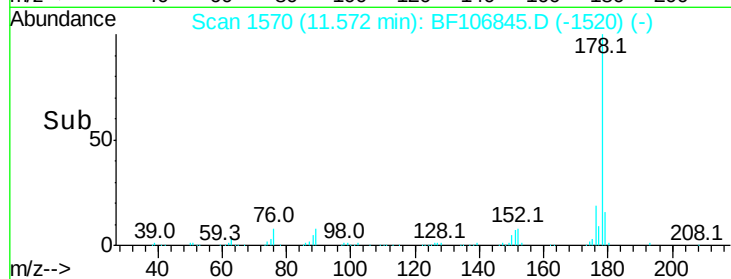
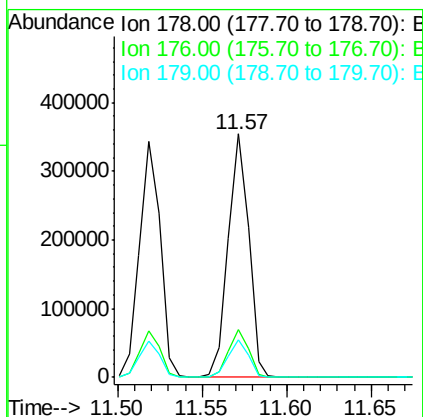
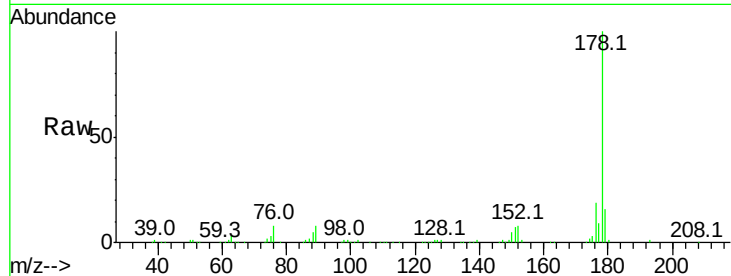
#71
 Anthracene
 Concen: 45.317 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.6	19.0

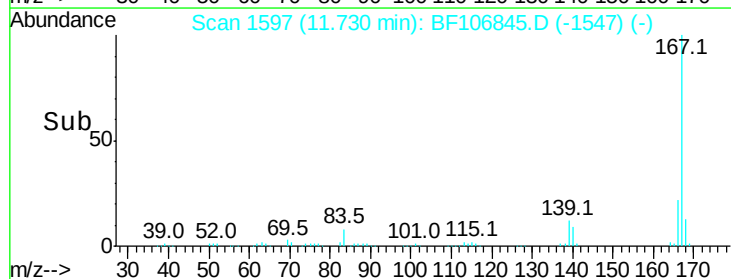
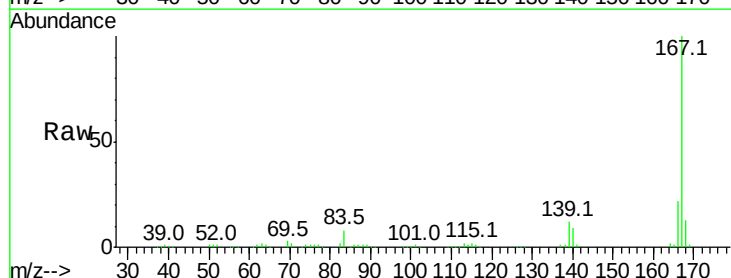
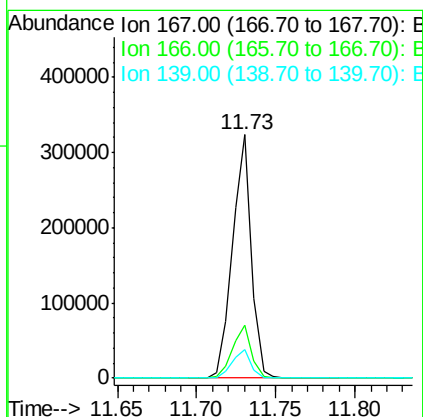
Manual Integrations
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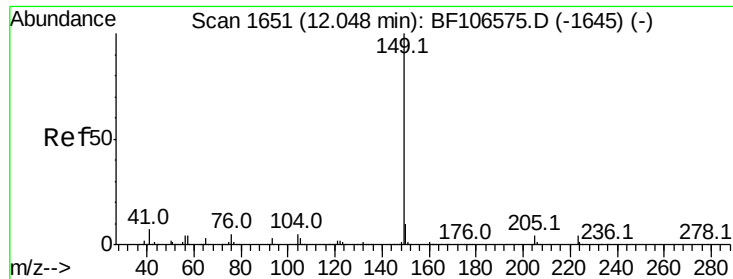
Sohil
 6/27/2018 2:14:34 PM



#72
 Carbazole
 Concen: 42.934 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	11.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.721 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

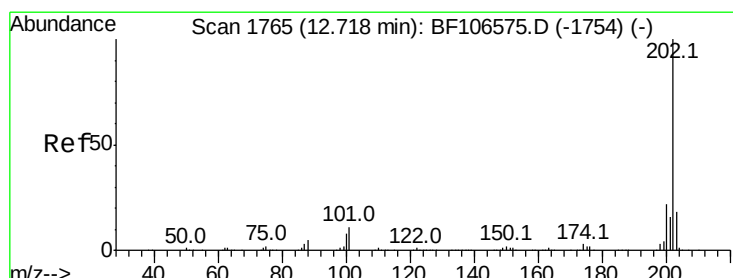
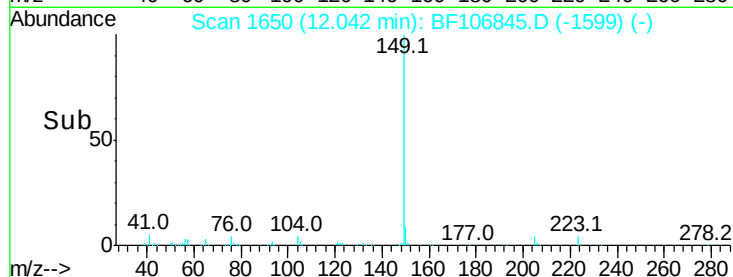
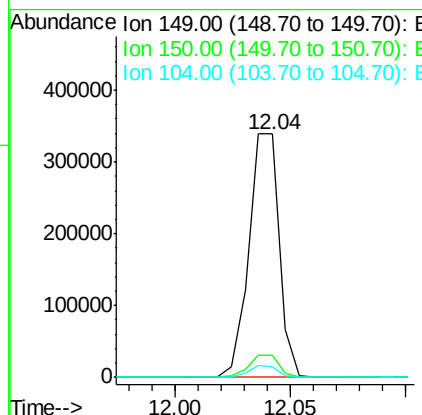
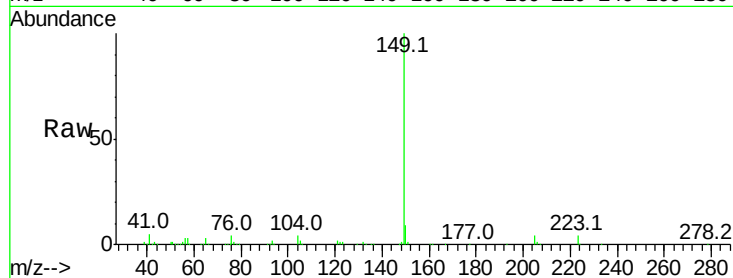
ClientSampleId :

PB110563BS

Tot Ion:	149	Resp:	312785
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 47.277 ng

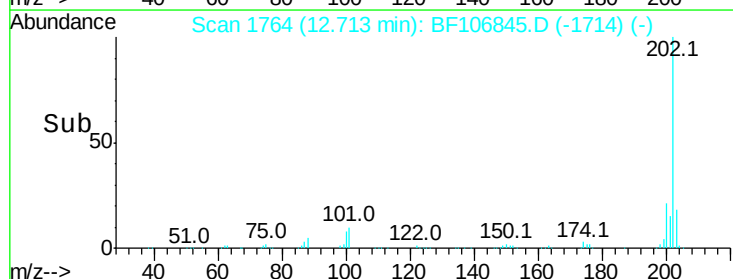
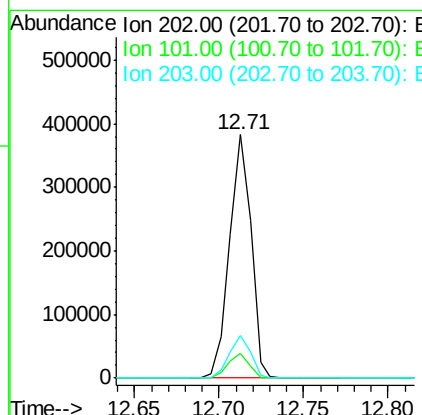
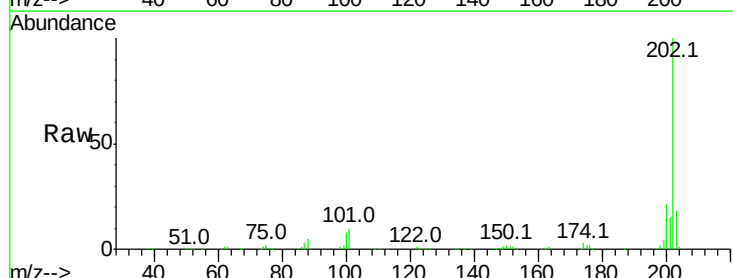
RT: 12.71 min Scan# 1764

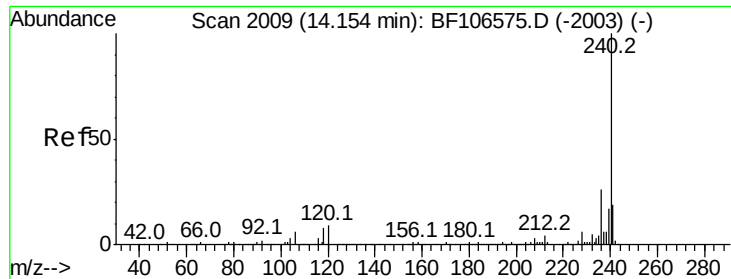
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	202	Resp:	338878
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

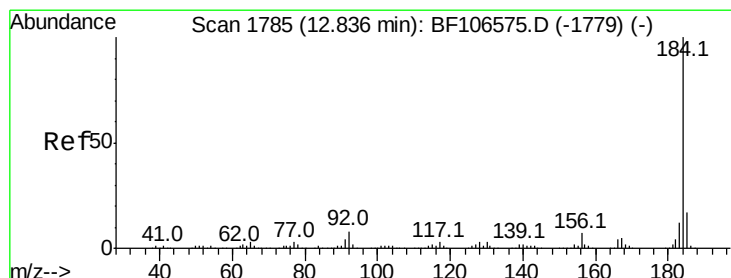
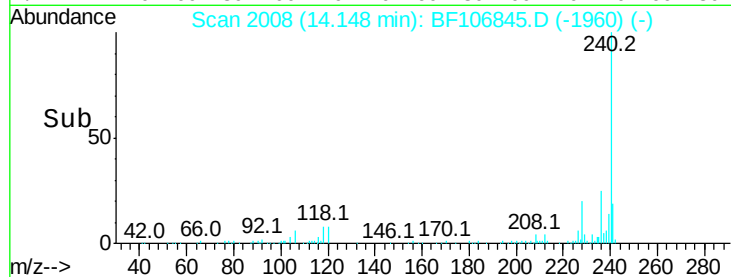
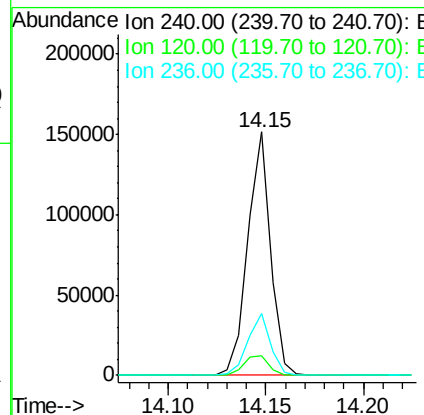
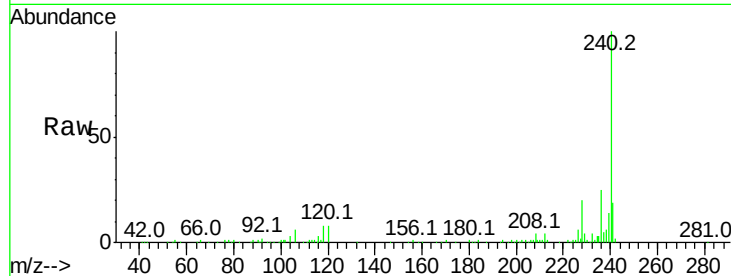
ClientSampleId :

PB110563BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	122223		
120	8.3	9.5	14.3#	
236	25.5	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 37.803 ng

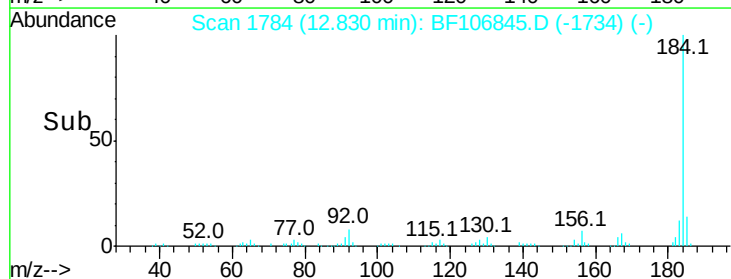
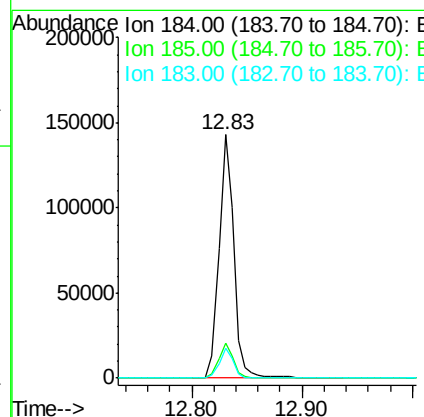
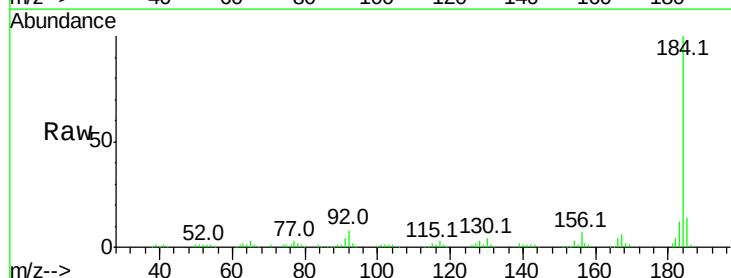
RT: 12.83 min Scan# 1784

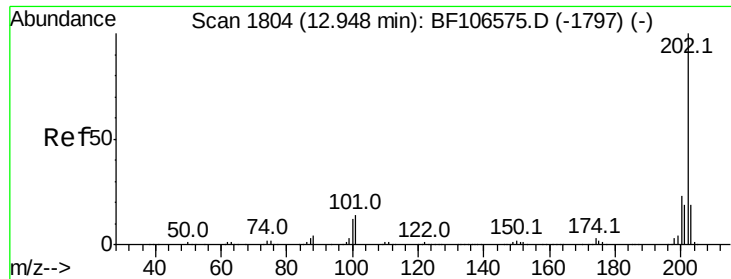
Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	131587		
185	14.1	12.6	18.8	
183	12.0	9.3	13.9	





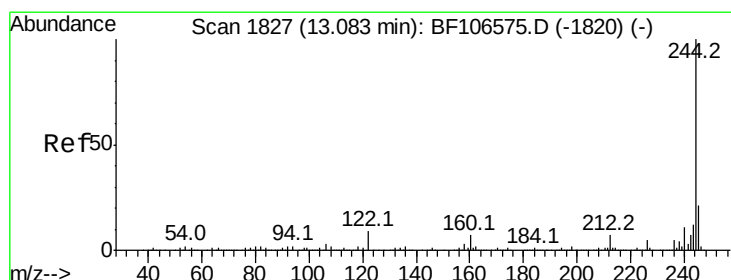
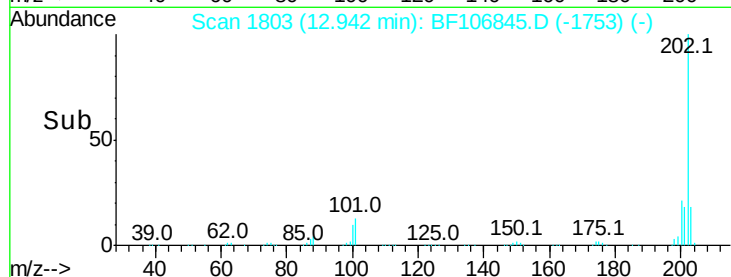
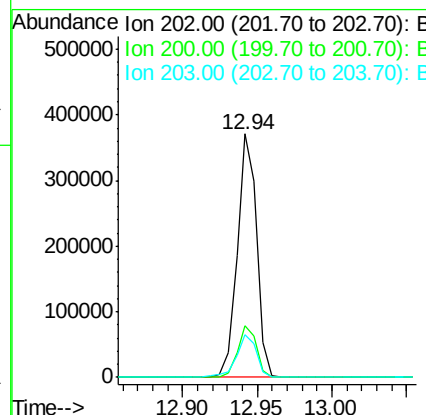
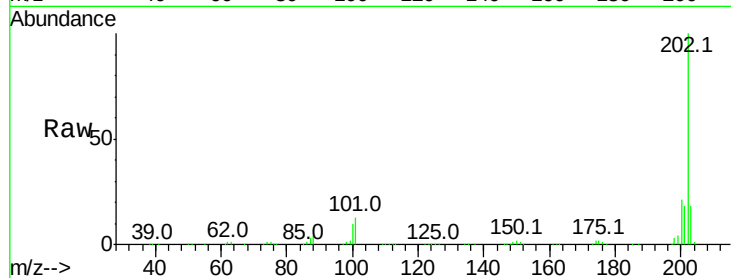
#77
Pvrene
Concen: 41.959 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5

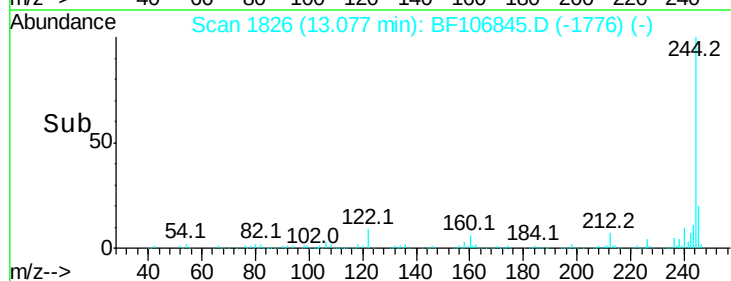
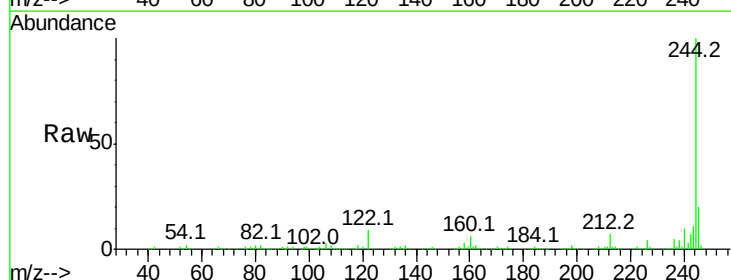
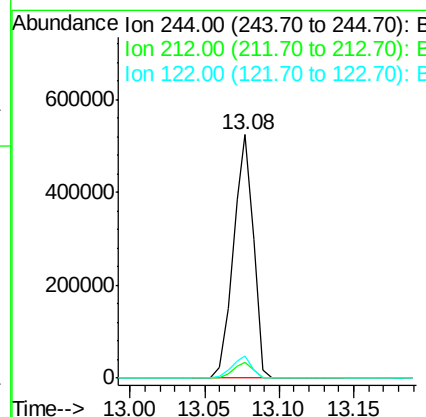
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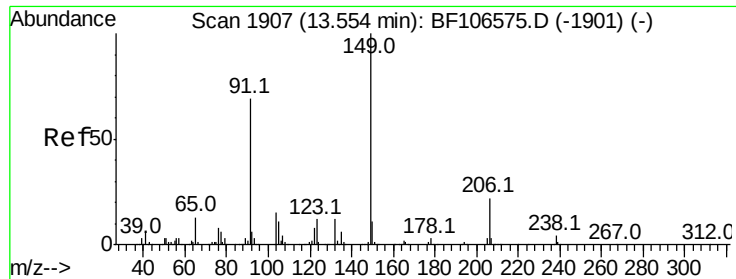
Sohil
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#78
Terphenyl-d14
Concen: 98.195 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4#





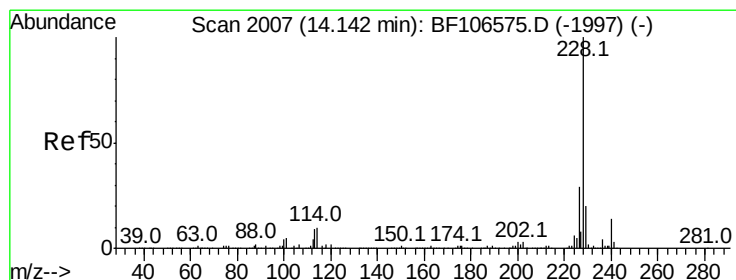
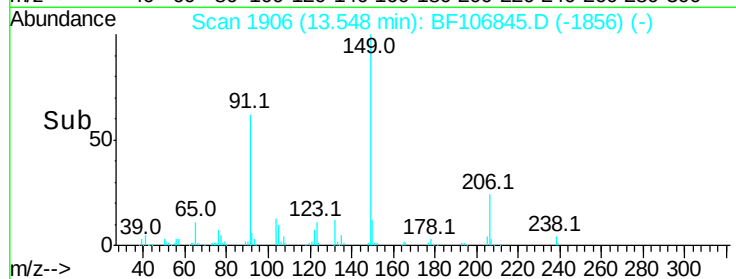
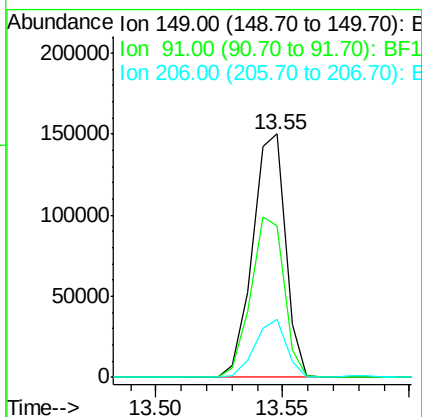
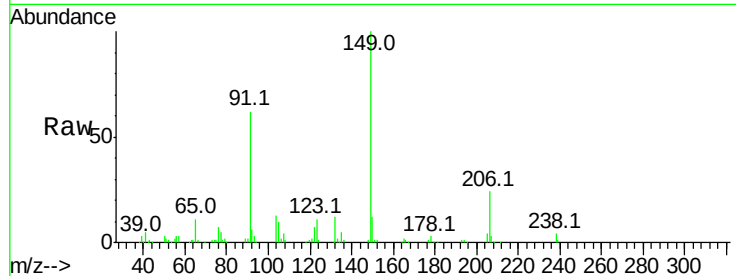
#79
Butylbenzylphthalate
Concen: 41.223 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.0	56.8	85.2
206	24.0	14.1	21.1

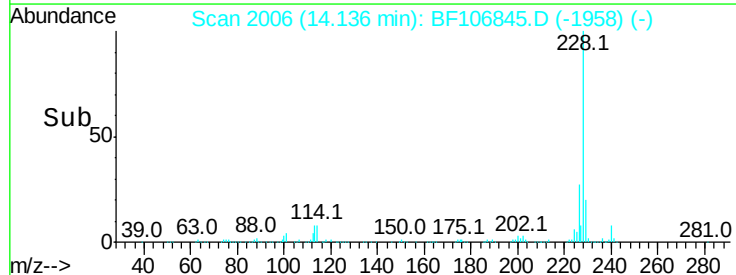
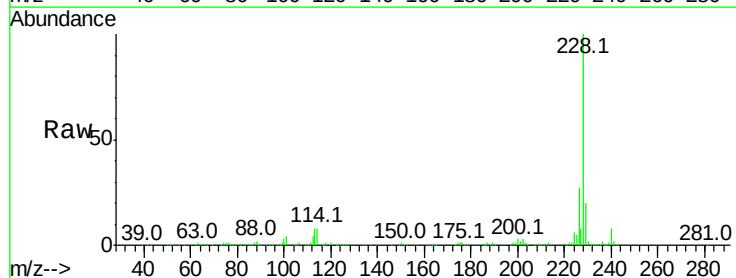
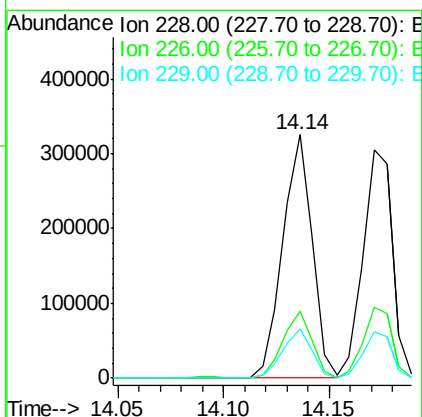
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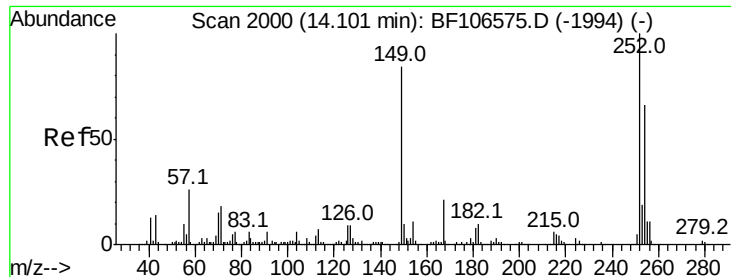
Sohil
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#80
Benzo(a)anthracene
Concen: 42.510 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	22.6	33.8
229	20.0	15.8	23.6





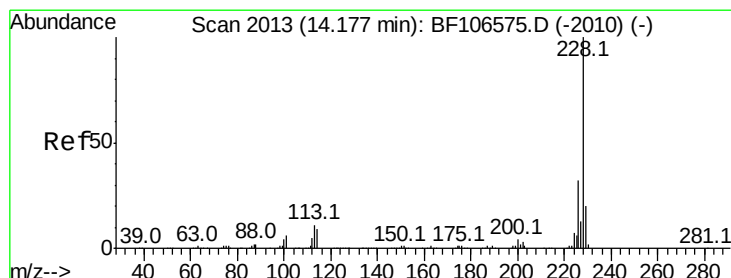
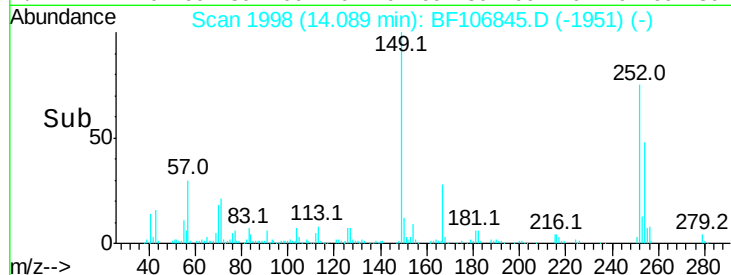
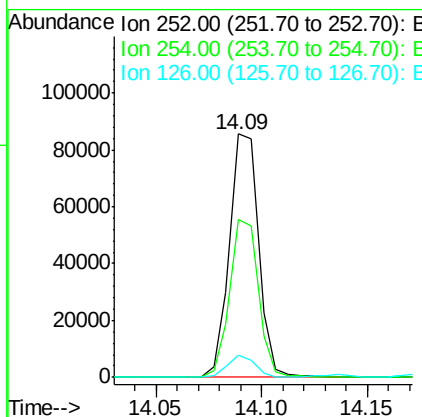
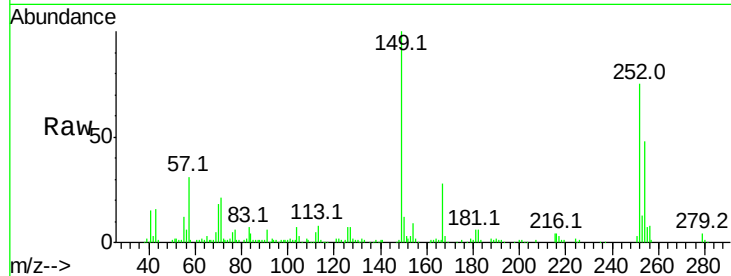
#81
3,3'-Dichlorobenzidine
Concen: 31.085 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	9.0	11.3	16.9

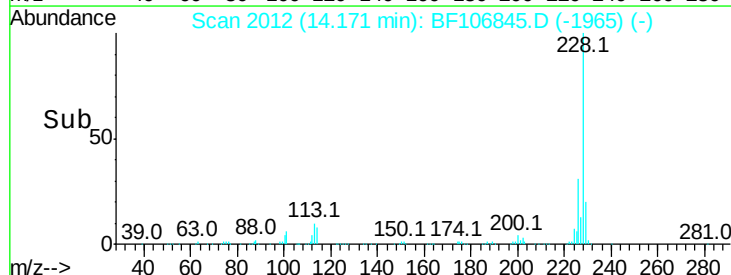
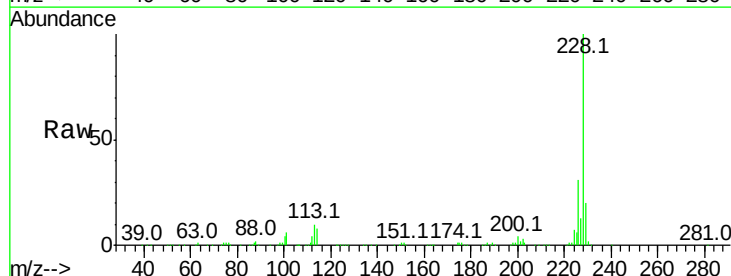
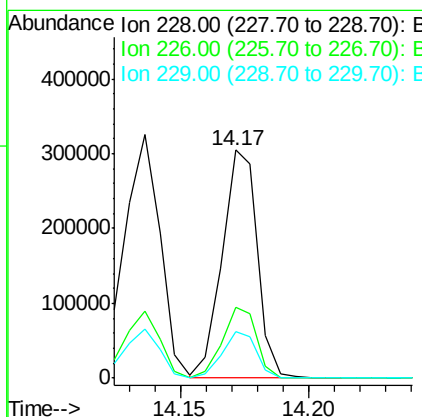
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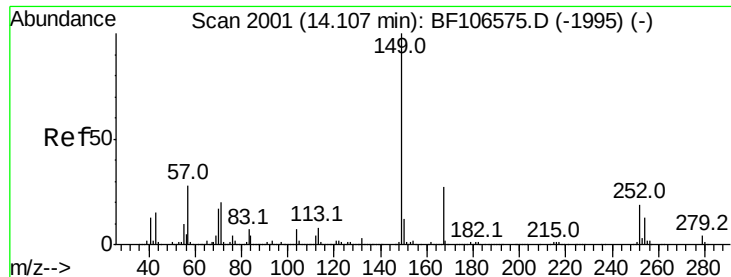
Sohil
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#82
Chrysene
Concen: 42.422 ng m
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.738 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

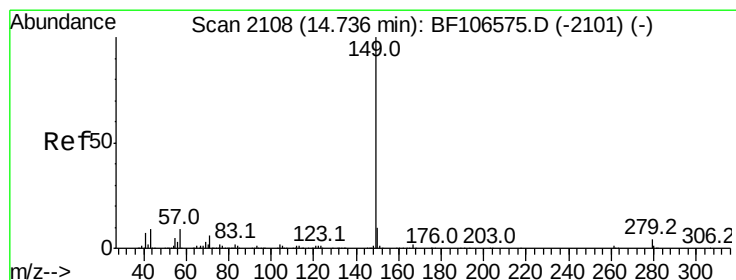
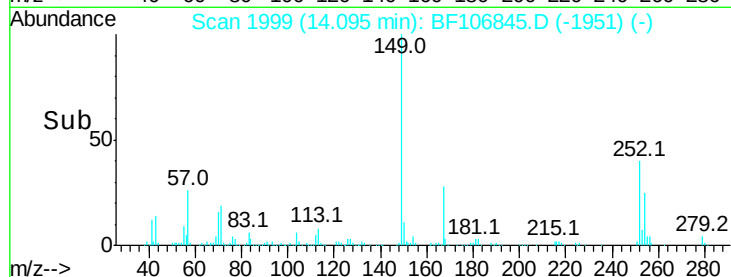
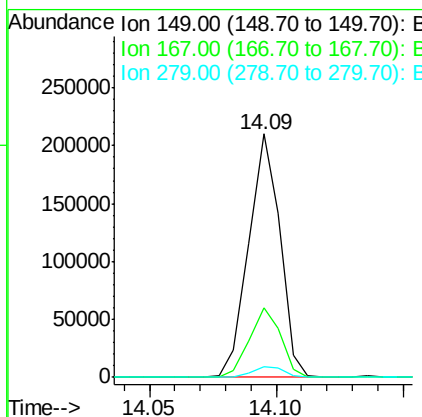
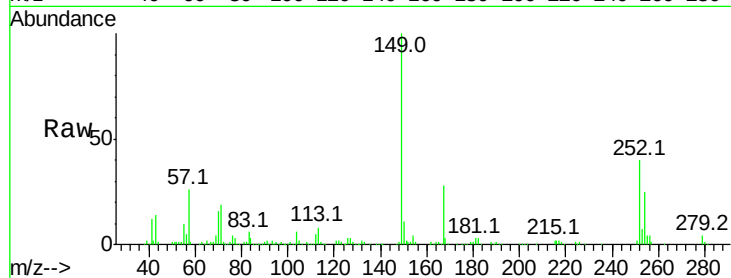
ClientSampleId :

PB110563BS

Tot Ion:	149	Resp:	181060
Ion Ratio	Lower	Upper	
149	100		
167	28.4	21.3	31.9
279	4.2	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 45.991 ng

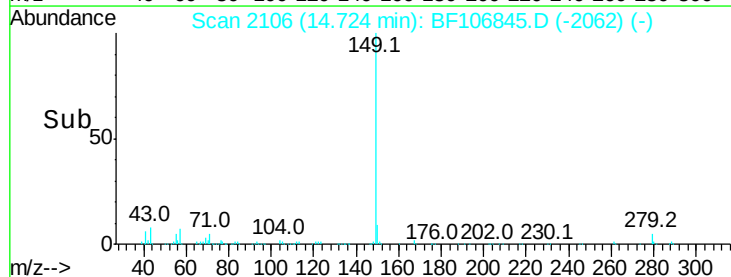
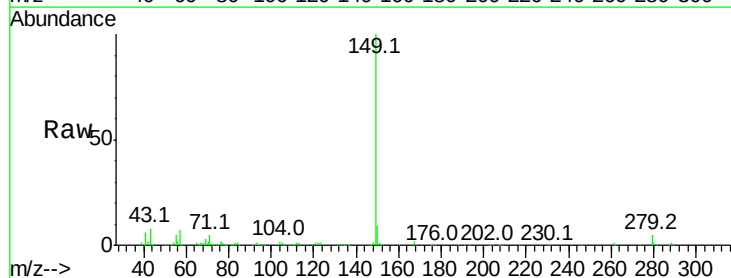
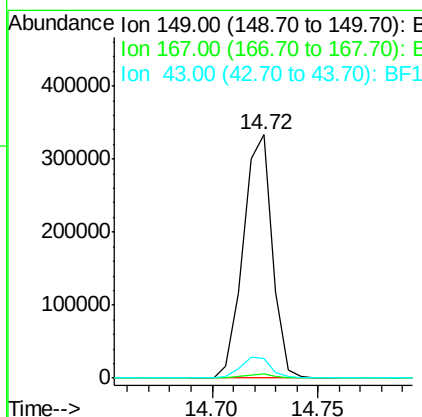
RT: 14.72 min Scan# 2106

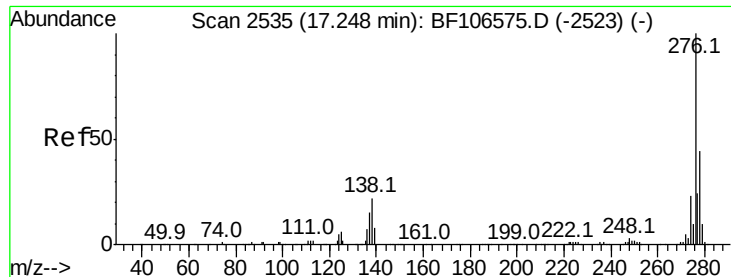
Delta R.T. -0.04 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:	149	Resp:	317599
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6





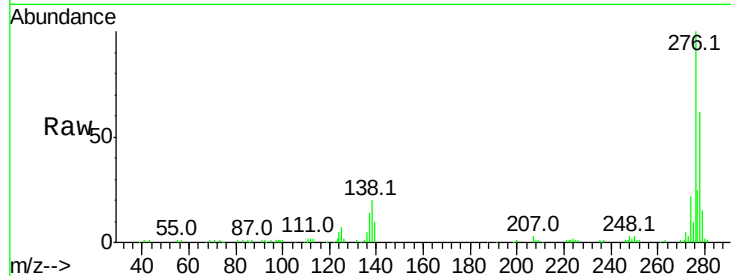
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.178 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	24.6	20.1	30.1

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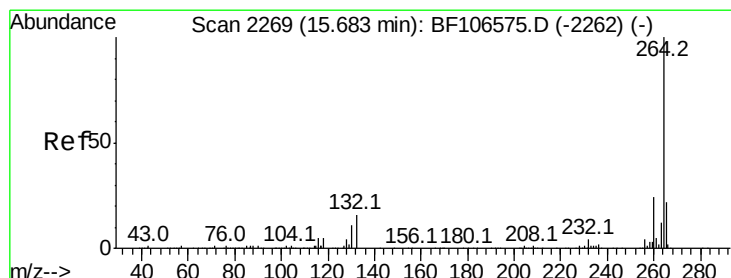
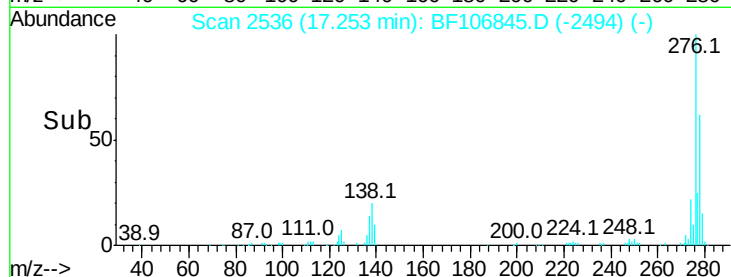
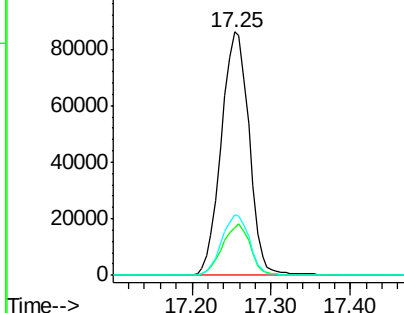


Abundance

Ion 276.00 (275.70 to 276.70): E

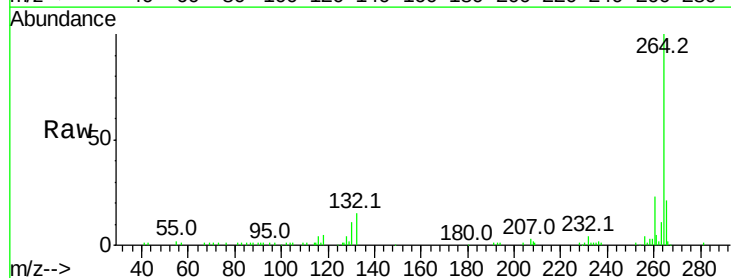
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.3	17.5	26.3

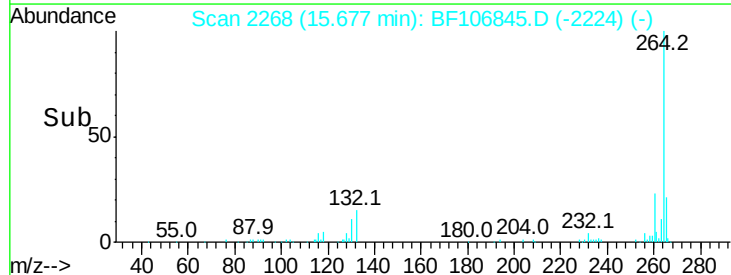
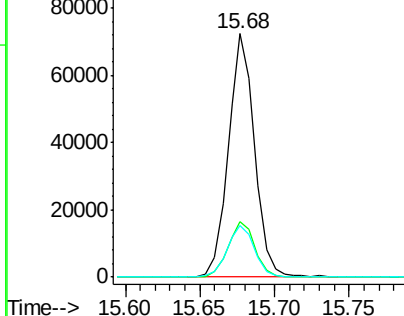


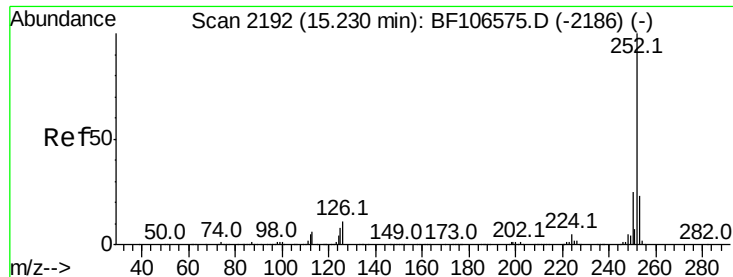
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





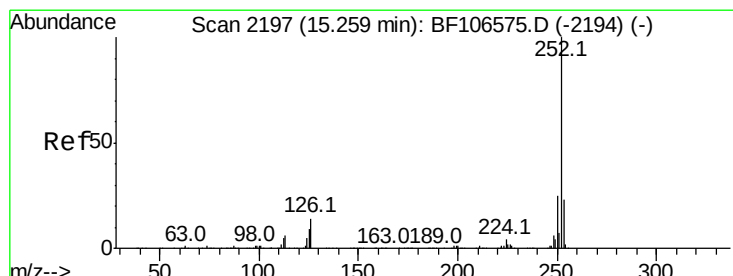
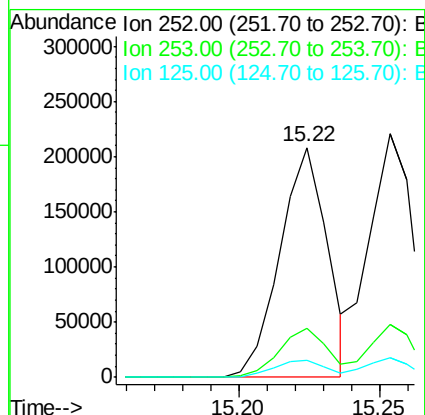
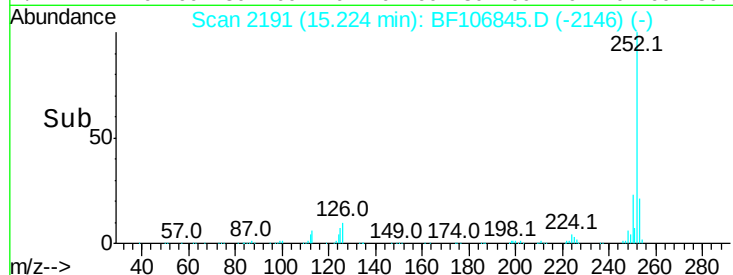
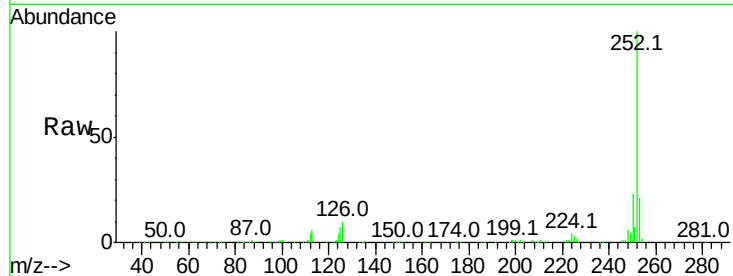
#87
Benzo(b)fluoranthene
Concen: 44.133 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	7.5	9.0	13.6

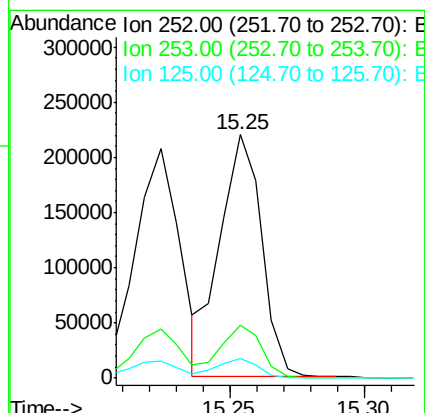
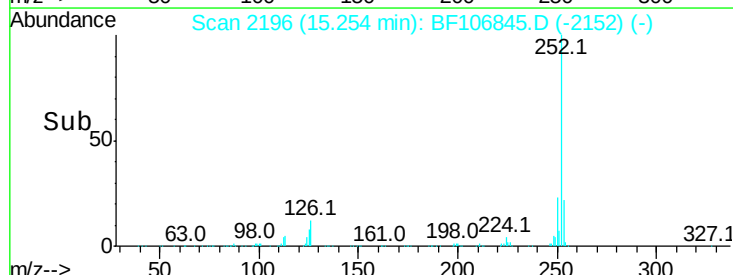
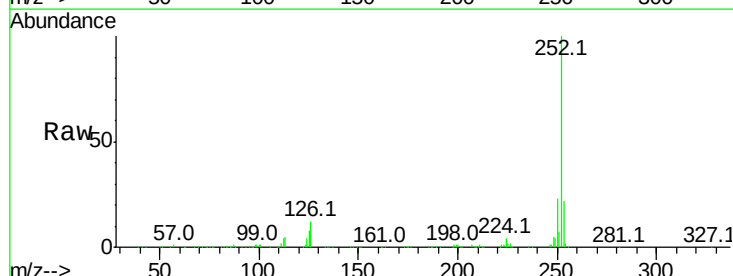
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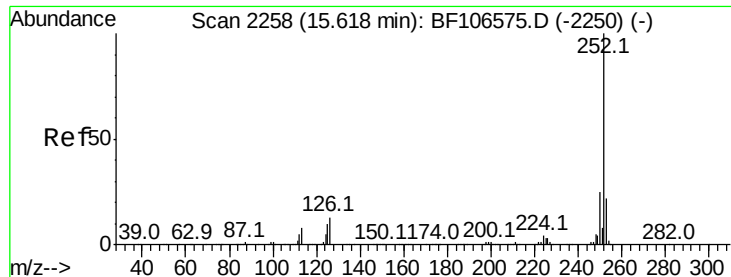
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#88
Benzo(k)fluoranthene
Concen: 45.031 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.2	10.2	15.2





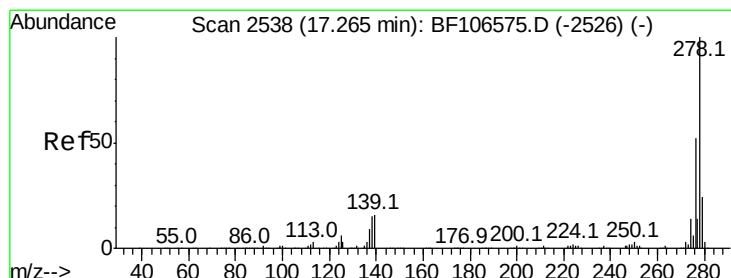
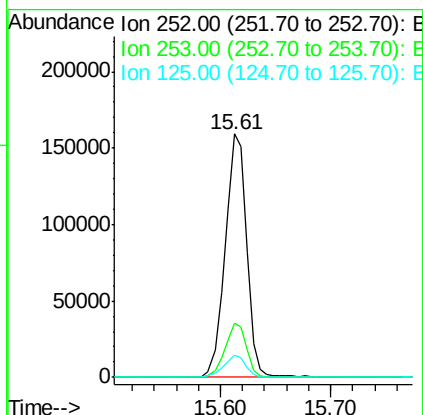
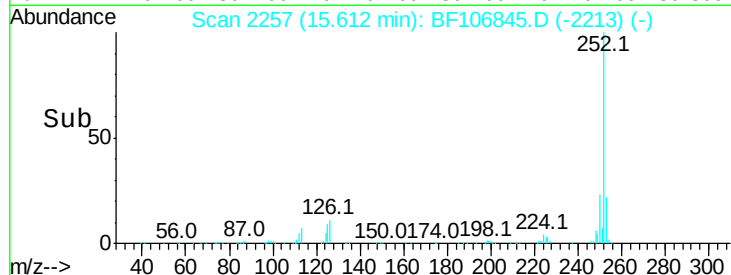
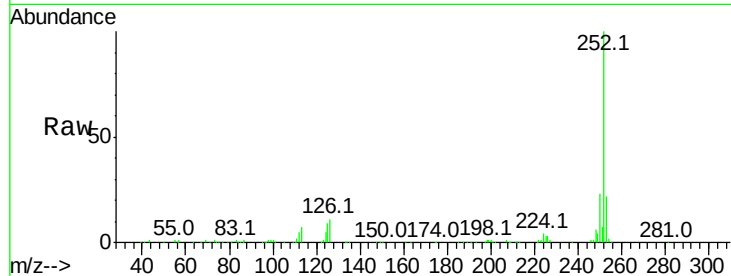
#89
Benzo(a)pyrene
Concen: 44.530 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.1	9.8	14.6

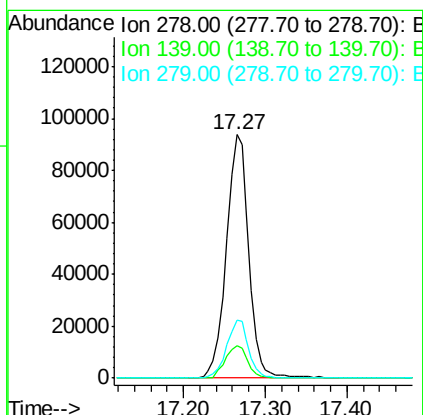
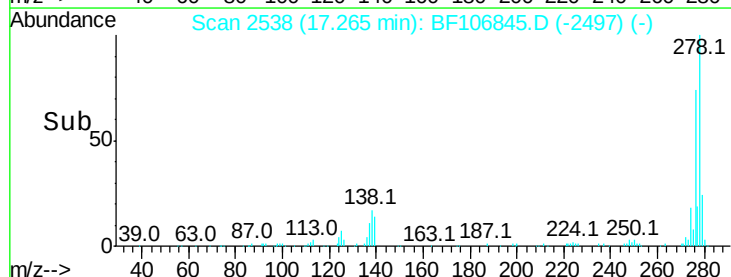
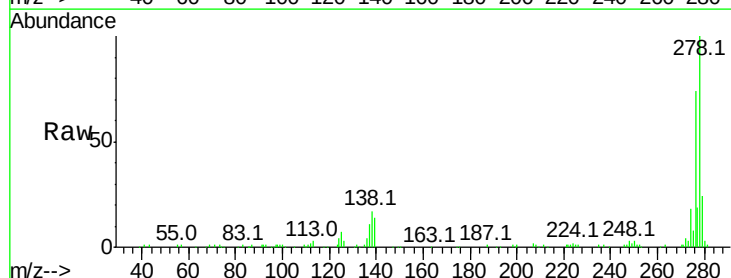
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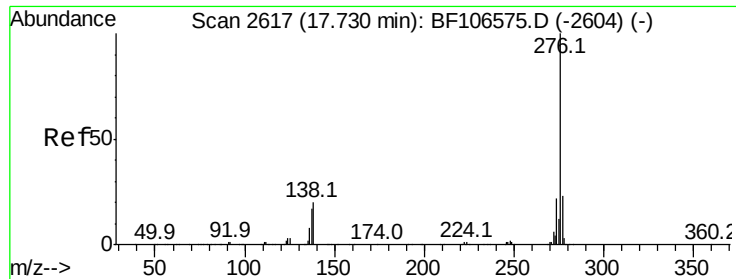
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.951 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.050 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tot Ion:	276	Resp:	174462
Ion Ratio	Lower	Upper	
276	100		
277	22.6	17.9	26.9
138	17.5	21.8	32.8#

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