

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106586.D
 Acq On : 19 Jun 2018 17:07
 Operator : JU/SJ
 Sample : PB110378BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Manual Integrations
 APPROVED

Sohil
 6/20/2018 4:58:32 PM

Quant Time: Jun 19 17:50:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119268	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	458866	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	226192	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	456115	20.00	ng	0.00
75) Chrysene-d12	14.16	240	310632	20.00	ng	0.00
86) Perylene-d12	15.71	264	282146	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	755994	107.33	ng	0.01
7) Phenol-d6	6.61	99	990858	112.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	678575	82.18	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	323573	123.42	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1183985	89.35	ng	0.00
78) Terphenyl-d14	13.08	244	1308001	102.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	115646	31.936	ng	96
3) Pyridine	3.66	79	343426	34.970	ng	97
4) n-Nitrosodimethylamine	3.62	42	153126	36.711	ng	92
6) Aniline	6.63	93	245470	20.573	ng	# 87
8) 2-Chlorophenol	6.76	128	297784	38.546	ng	97
9) Benzaldehyde	6.51	77	190904	29.756	ng	98
10) Phenol	6.62	94	371736	37.032	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	305547	36.870	ng	94
12) 1,3-Dichlorobenzene	6.90	146	344068	38.026	ng	99
13) 1,4-Dichlorobenzene	6.98	146	346638	37.894	ng	100
14) 1,2-Dichlorobenzene	7.13	146	318373	37.976	ng	100
15) Benzyl Alcohol	7.10	79	275631	39.026	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	466913	42.943	ng	85
17) 2-Methylphenol	7.22	107	263360	39.836	ng	# 94
18) Hexachloroethane	7.47	117	125417	38.987	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	209738	36.174	ng	94
20) 3+4-Methylphenols	7.37	107	309419	42.752	ng	# 73
22) Acetophenone	7.37	105	409117	39.852	ng	# 93
24) Nitrobenzene	7.55	77	344679	40.887	ng	99
25) Isophorone	7.78	82	640377	44.013	ng	99
26) 2-Nitrophenol	7.86	139	172406	43.323	ng	99
27) 2,4-Dimethylphenol	7.90	122	284449	46.245	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	400211	40.967	ng	99
29) 2,4-Dichlorophenol	8.11	162	279903	43.466	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	286783	40.426	ng	96
31) Naphthalene	8.27	128	864370	40.291	ng	99
32) Benzoic acid	8.02	122	155869m	36.409	ng	
33) 4-Chloroaniline	8.31	127	84295	9.364	ng	97
34) Hexachlorobutadiene	8.38	225	184506	39.915	ng	98
35) Caprolactam	8.70	113	85969m	40.954	ng	
36) 4-Chloro-3-methylphenol	8.81	107	299173	44.138	ng	97
37) 2-Methylnaphthalene	8.96	142	600756	42.248	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	305809	40.146	ng	98
40) Hexachlorocyclopentadiene	9.11	237	339417	86.605	ng	99

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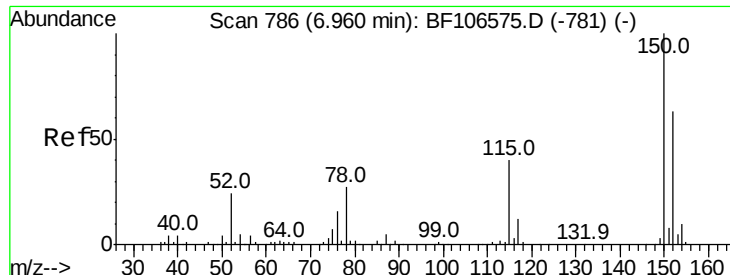
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209939	41.462	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	221347	41.894	nq	94
45) 1,1'-Biphenyl	9.42	154	709515	39.360	nq	99
46) 2-Chloronaphthalene	9.45	162	574954	40.520	nq	97
47) 2-Nitroaniline	9.55	65	196206	41.121	nq	90
48) Acenaphthylene	9.87	152	909060	40.579	nq	98
49) Dimethylphthalate	9.72	163	688734	40.598	nq	99
50) 2,6-Dinitrotoluene	9.79	165	154834	43.101	nq	99
51) Acenaphthene	10.04	154	524570	37.185	nq	99
52) 3-Nitroaniline	9.96	138	65559	15.859	nq	99
53) 2,4-Dinitrophenol	10.07	184	136290	73.440	nq #	14
54) Dibenzofuran	10.21	168	784131	40.593	nq	96
55) 4-Nitrophenol	10.14	139	208110	72.124	nq	93
56) 2,4-Dinitrotoluene	10.20	165	206969	44.139	nq	99
57) Fluorene	10.56	166	602047	39.276	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	186790	44.474	nq #	82
59) Diethylphthalate	10.42	149	656598	40.101	nq	95
60) 4-Chlorophenyl-phenylether	10.54	204	313481	39.086	nq	93
61) 4-Nitroaniline	10.58	138	157991	38.510	nq	99
62) Azobenzene	10.71	77	671930	41.672	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	107160	38.007	nq	75
65) n-Nitrosodiphenylamine	10.67	169	584489	38.098	nq	96
66) 4-Bromophenyl-phenylether	11.04	248	224191	41.185	nq #	85
67) Hexachlorobenzene	11.11	284	234502	41.160	nq #	81
68) Atrazine	11.19	200	205109	42.055	nq	97
69) Pentachlorophenol	11.30	266	198682	69.890	nq	98
70) Phenanthrene	11.52	178	901983	41.000	nq	99
71) Anthracene	11.58	178	926482	41.260	nq	98
72) Carbazole	11.73	167	815805	38.805	nq	99
73) Di-n-butylphthalate	12.05	149	1006273	40.629	nq	99
74) Fluoranthene	12.72	202	955853	39.420	nq	97
76) Benzidine	12.84	184	313383	35.424	nq	98
77) Pyrene	12.95	202	969407	47.325	nq	99
79) Butylbenzylphthalate	13.55	149	394787	46.876	nq #	97
80) Benzo(a)anthracene	14.15	228	779294	41.162	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	117487	17.657	nq #	96
82) Chrysene	14.19	228	717156	41.175	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	505862	46.981	nq	99
84) Di-n-octyl phthalate	14.76	149	700920	39.936	nq	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	815863	55.197	nq #	92
87) Benzo(b)fluoranthene	15.25	252	661551m	37.745	nq	
88) Benzo(k)fluoranthene	15.28	252	634130	37.993	nq #	97
89) Benzo(a)pyrene	15.64	252	638965	41.010	nq	97
90) Dibenzo(a,h)anthracene	17.31	278	673515	51.006	nq #	95
91) Benzo(g,h,i)perylene	17.77	276	693703	53.749	nq #	91

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



#1

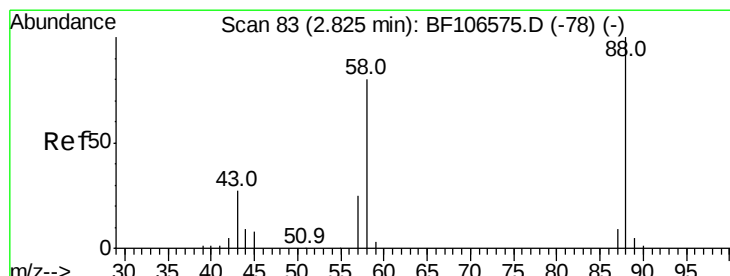
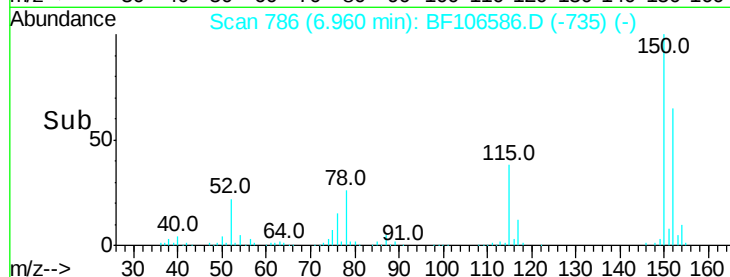
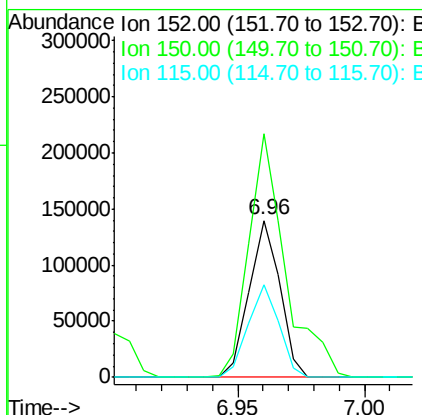
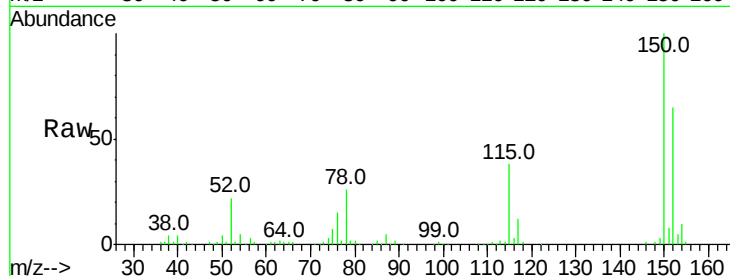
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	59.0	50.1	75.1

Manual Integrations
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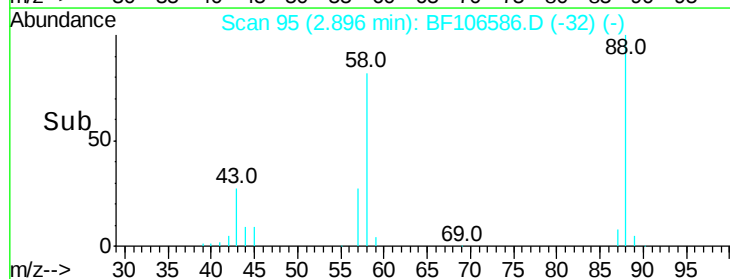
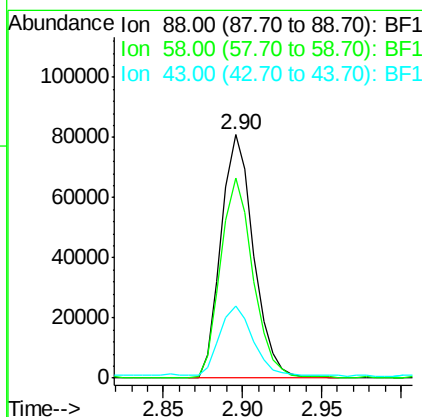
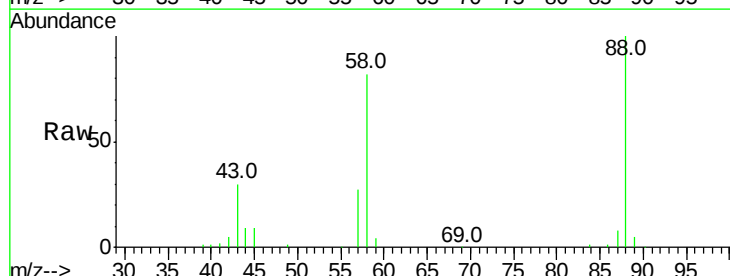
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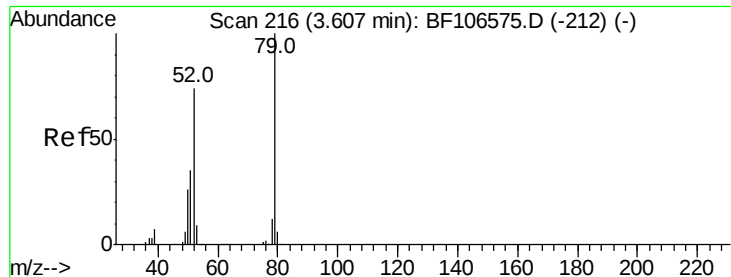


#2

1,4-Dioxane
Concen: 31.936 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	62.6	93.8
43	30.1	24.6	37.0





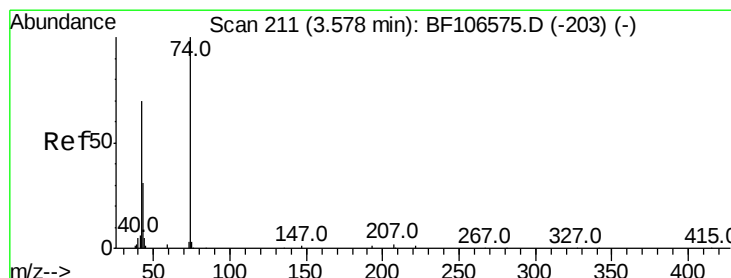
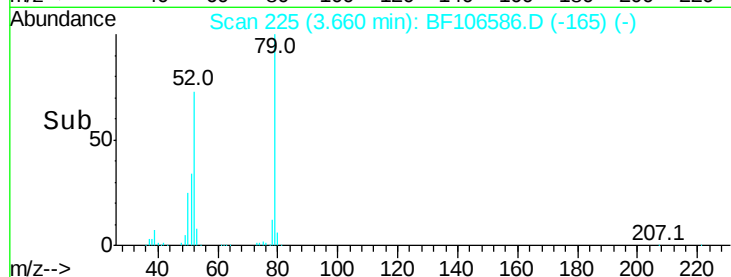
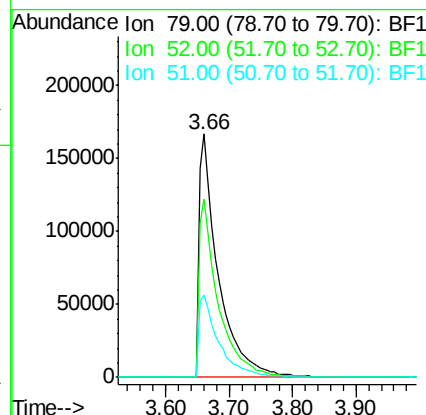
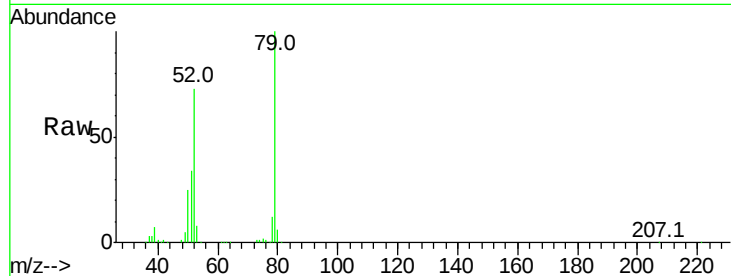
#3
 Pvridine
 Concen: 34.970 ng
 RT: 3.66 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.1	59.8	89.6
51	34.1	29.8	44.8

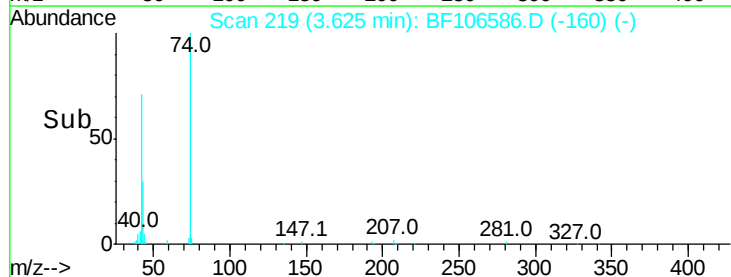
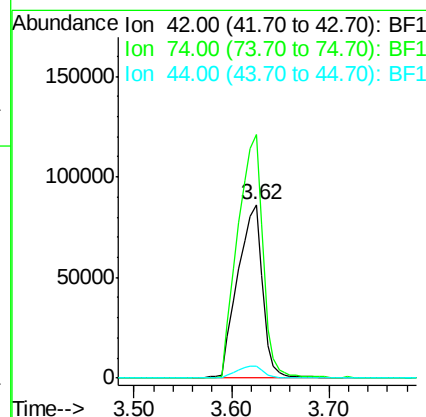
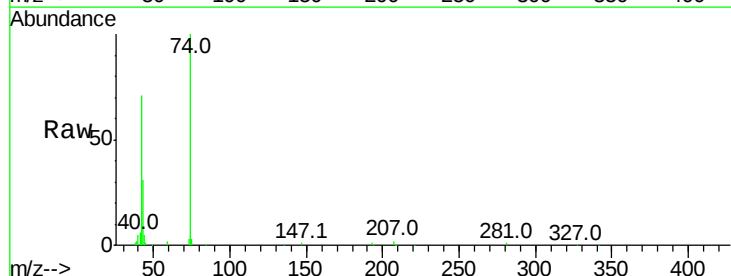
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 36.711 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.05 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.3	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 107.333 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

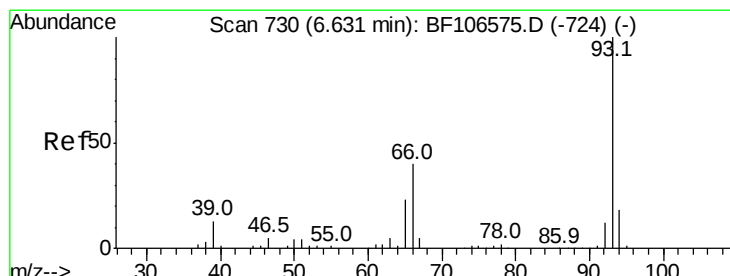
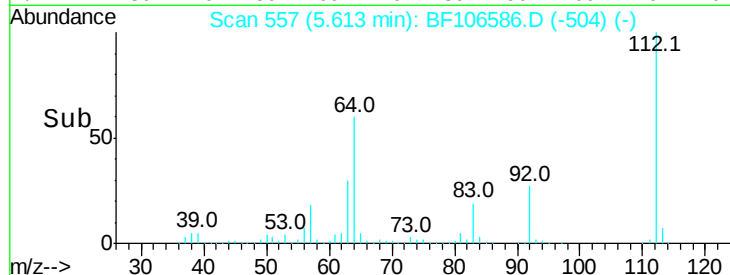
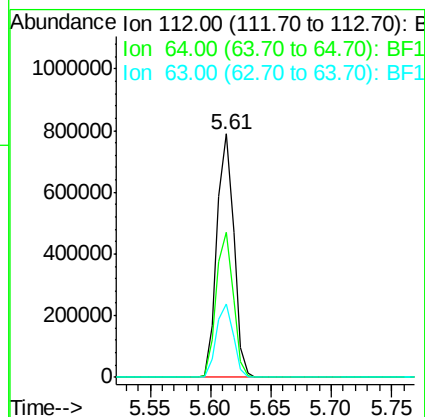
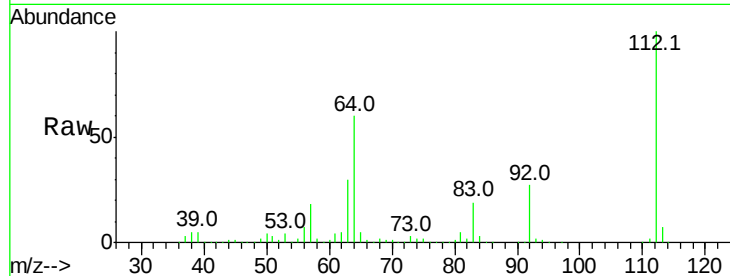
ClientSampled :

PB110378BS

Tot Ion:	112	Resp:	755994
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.9	71.9
63	30.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.573 ng

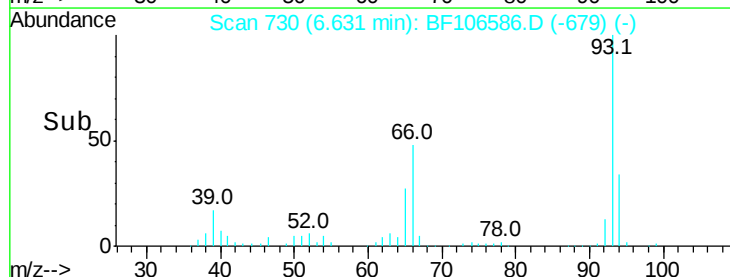
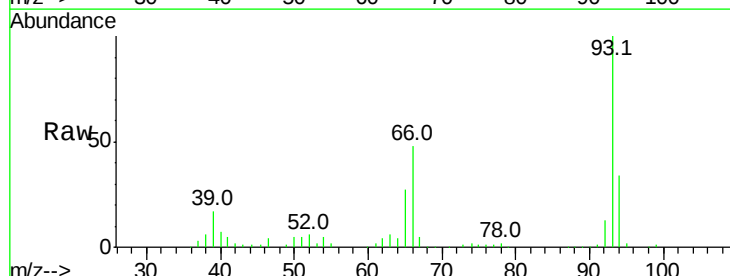
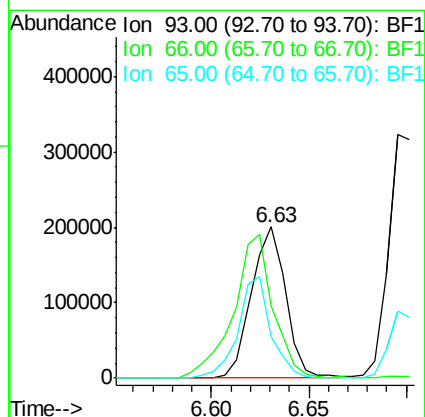
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	93	Resp:	245470
Ion Ratio	Lower	Upper	
93	100		
66	48.0	32.2	48.2
65	27.5	16.4	24.6





#7

Phenol-d6

Concen: 112.650 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

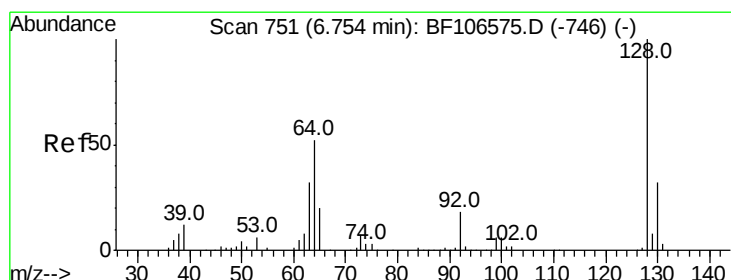
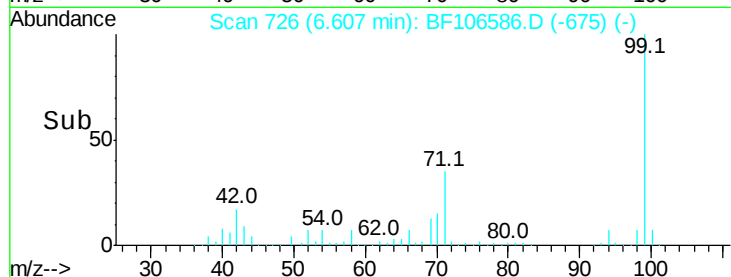
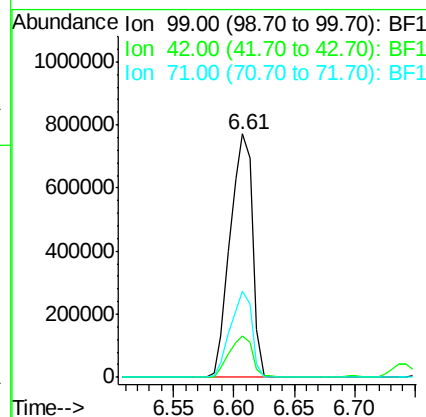
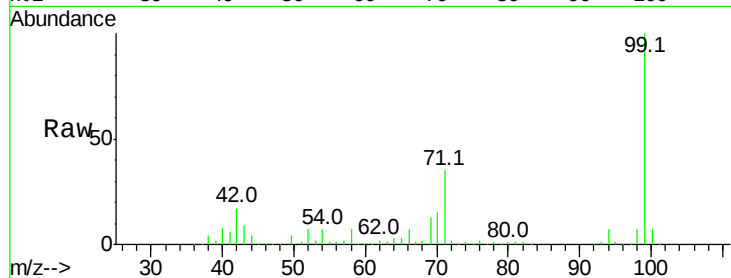
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		990858		
42	17.1	14.5	21.7		
71	35.3	25.4	38.0		

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#8

2-Chlorophenol

Concen: 38.546 ng

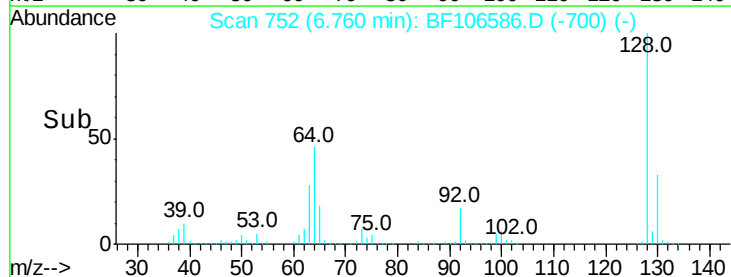
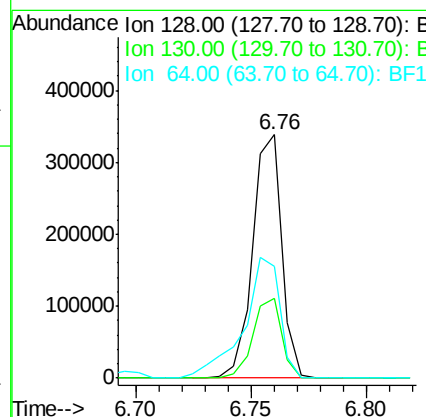
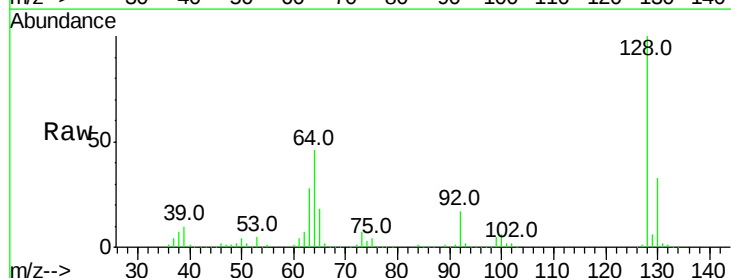
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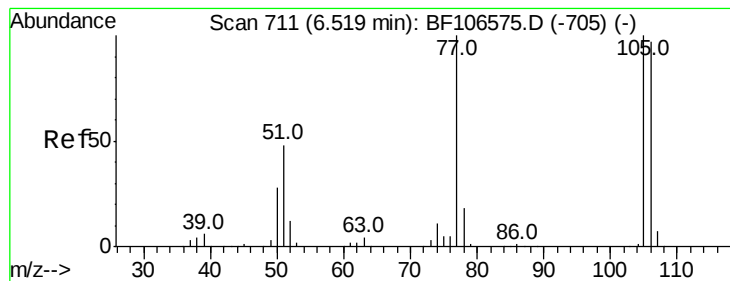
Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		297784		
130	32.9	13.0	53.0		
64	46.0	29.4	69.4		





#9

Benzaldehyde

Concen: 29.756 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

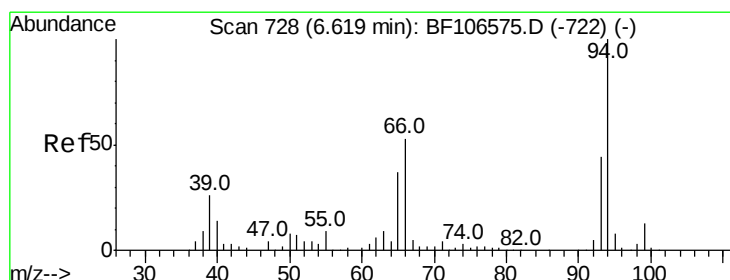
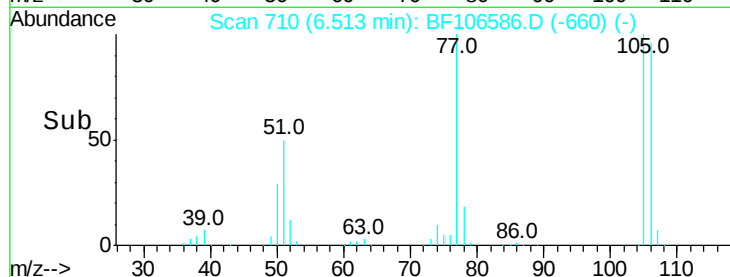
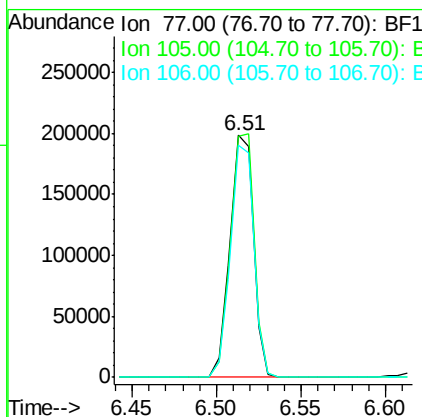
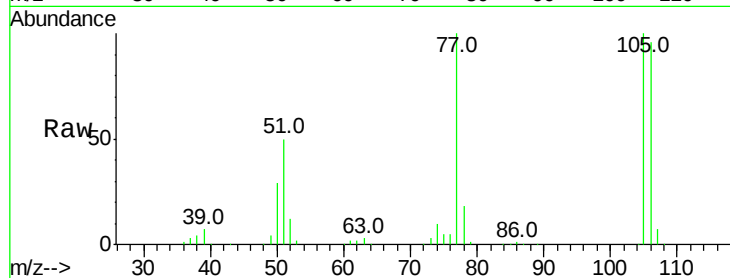
ClientSampled :

PB110378BS

Tot Ion:	77	Resp:	190904
Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.1	121.1
106	96.0	74.5	114.5

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#10

Phenol

Concen: 37.032 ng

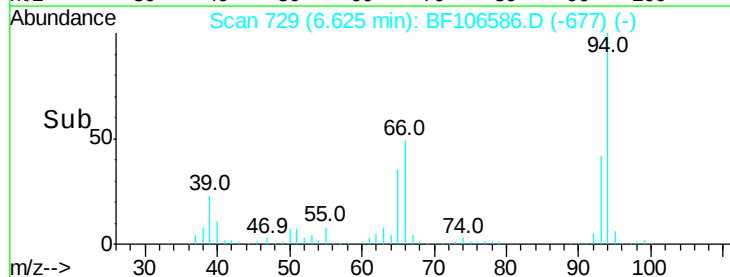
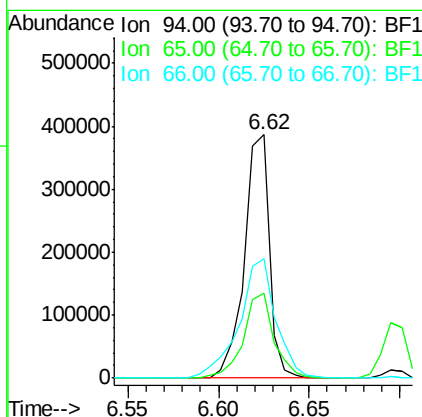
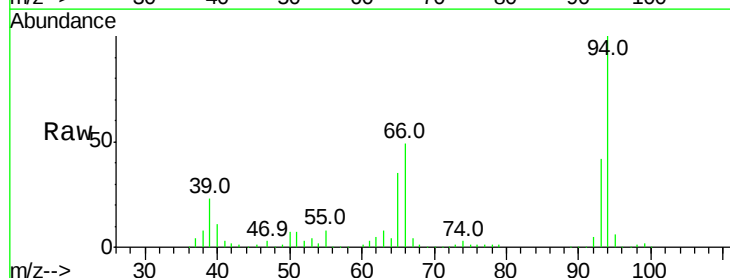
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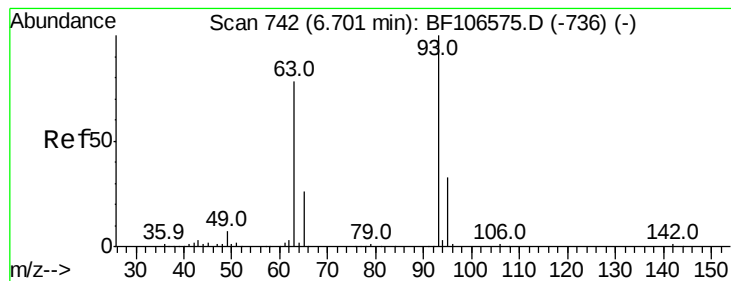
Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	94	Resp:	371736
Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.9	47.9
66	49.3	16.2	56.2





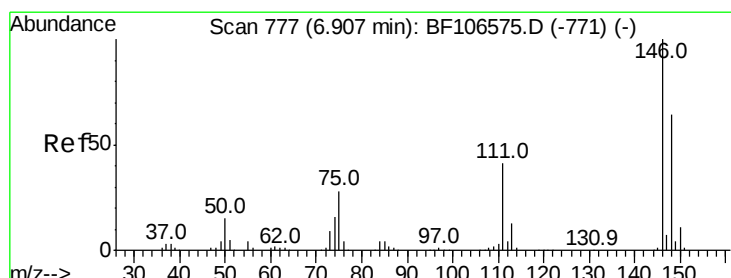
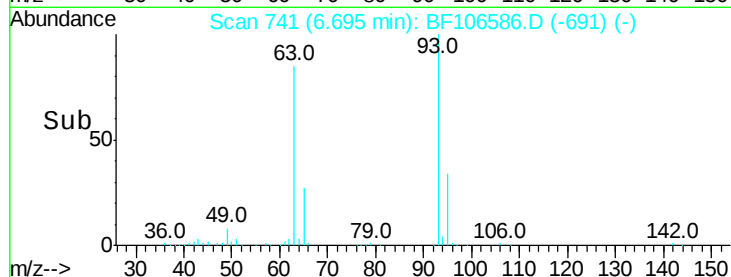
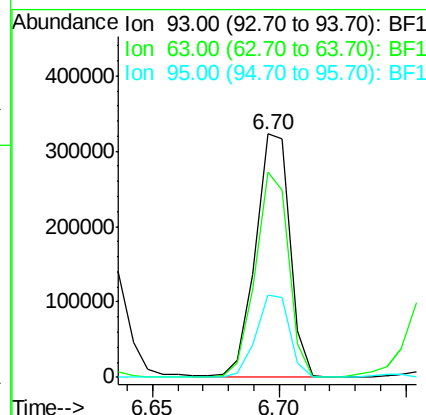
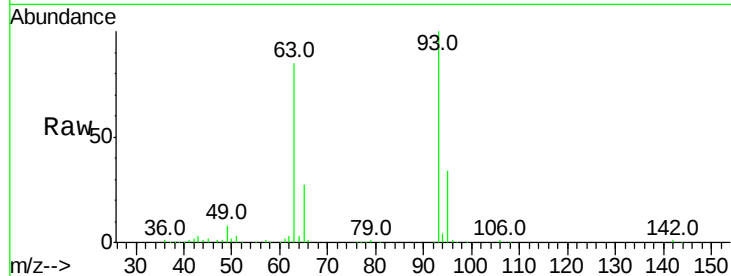
#11
bis(2-Chloroethyl)ether
Concen: 36.870 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	305547		
63	84.5	58.6	98.6	
95	33.6	11.8	51.8	

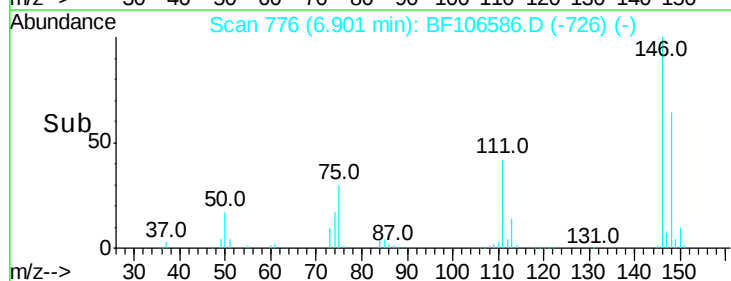
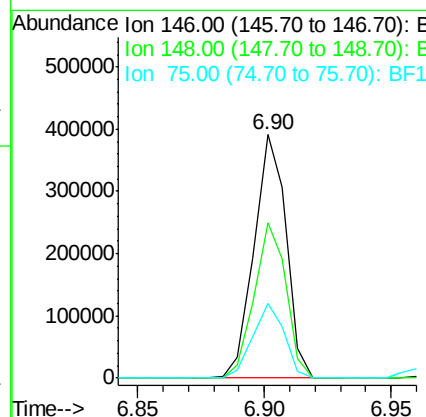
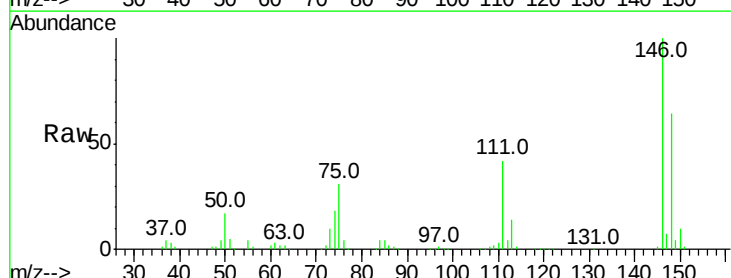
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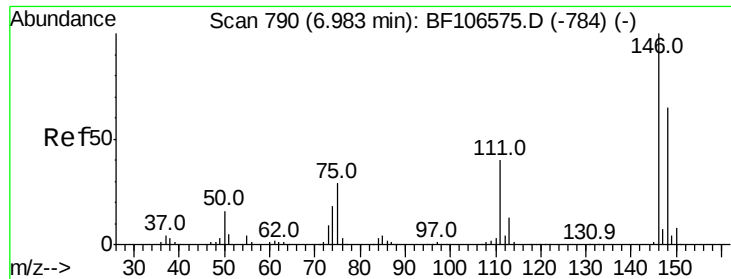
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.026 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	344068		
148	63.6	51.8	77.8	
75	30.5	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 37.894 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

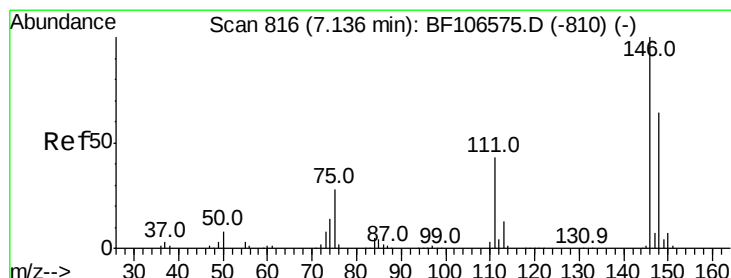
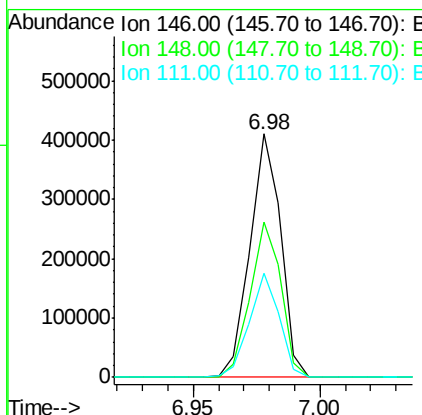
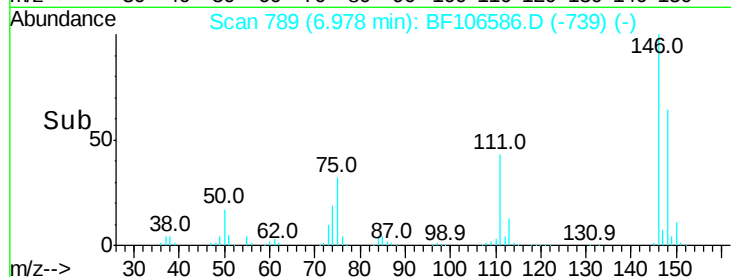
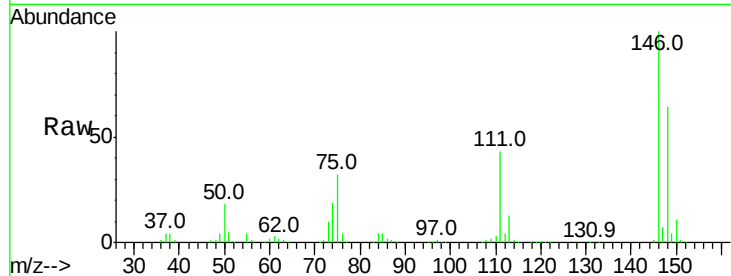
ClientSampled :

PB110378BS

Tot Ion:	146	Resp:	346638
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	42.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.976 ng

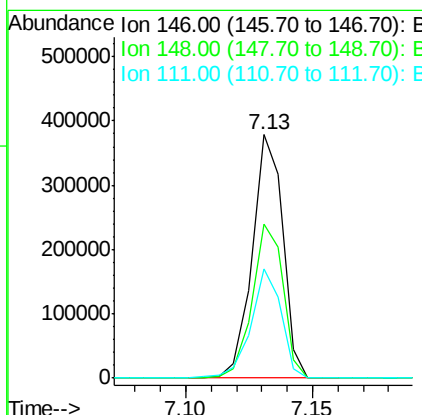
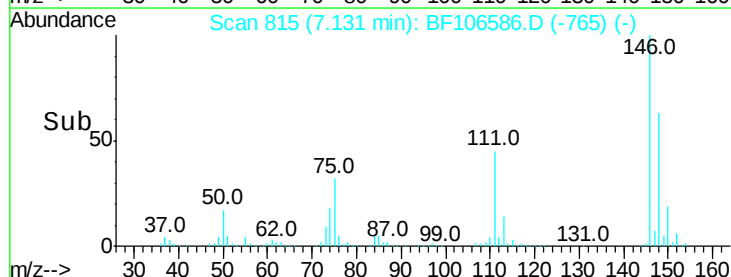
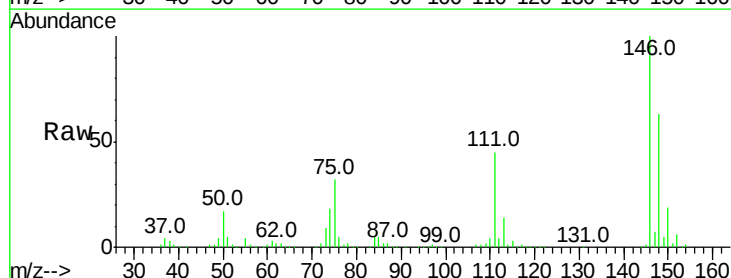
RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	146	Resp:	318373
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	44.8	36.0	54.0





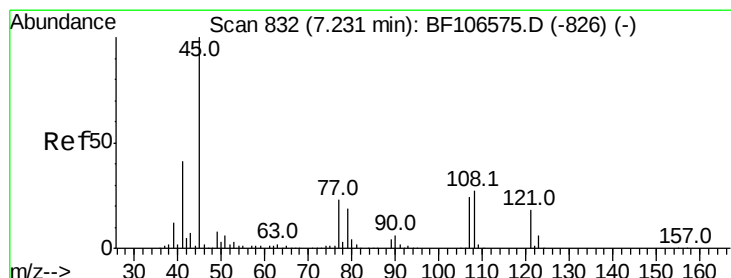
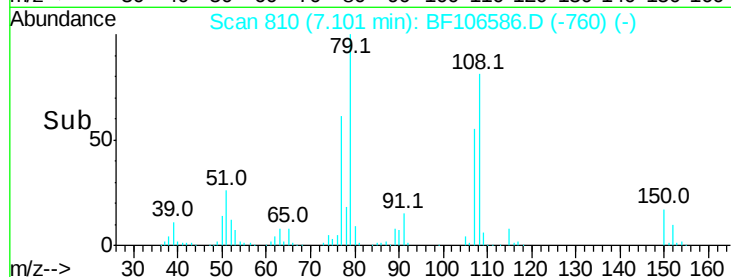
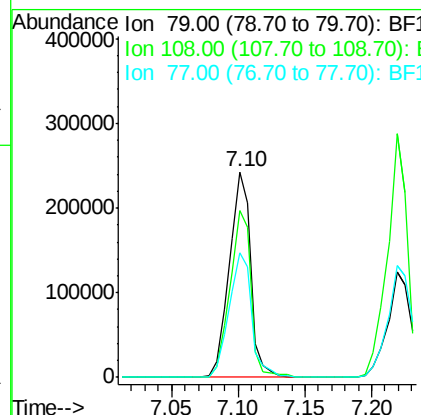
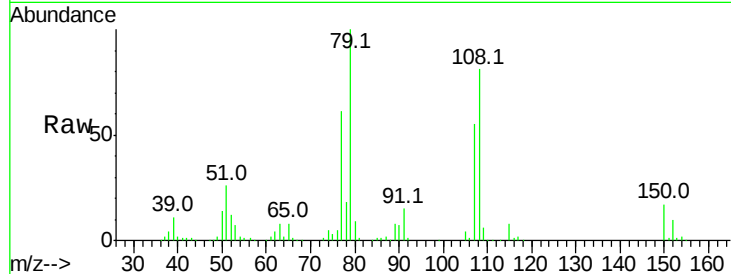
#15
Benzyl Alcohol
Concen: 39.026 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	275631		
108	81.0	65.1	97.7	
77	60.7	50.6	75.8	

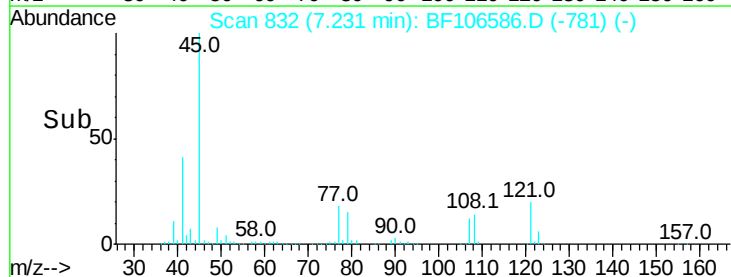
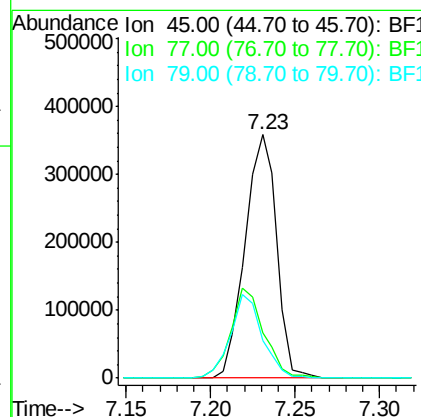
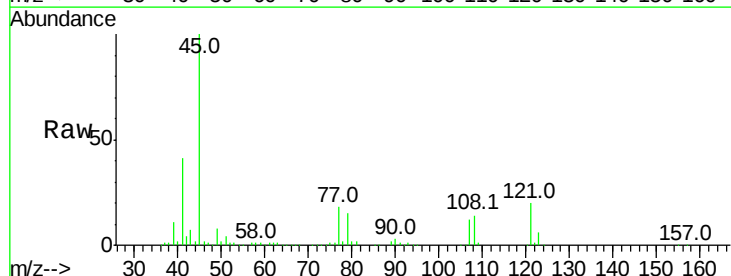
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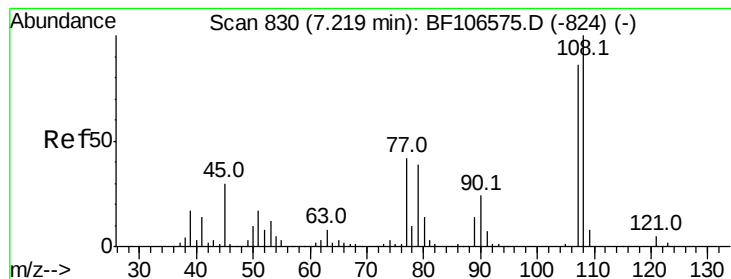
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.943 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	466913		
77	18.4	0.0	32.9	
79	15.2	0.0	29.6	





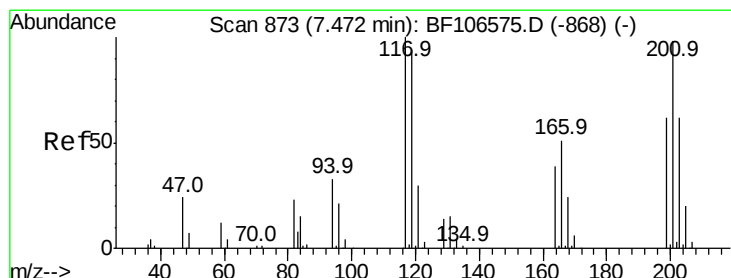
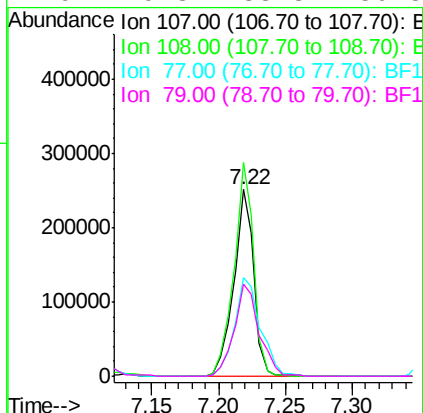
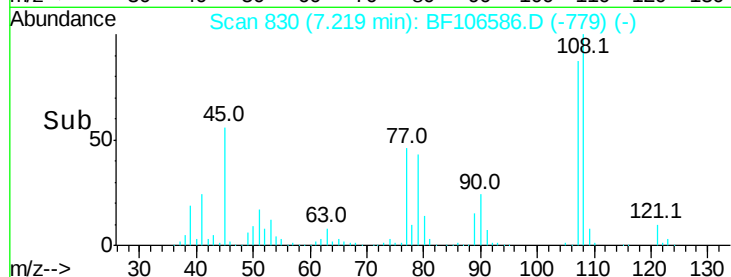
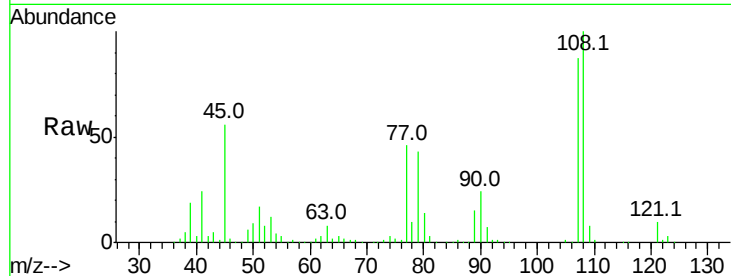
#17
2-Methylphenol
Concen: 39.836 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampled :
PB110378BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	52.5	33.8	50.8#
79	49.3	33.8	50.8

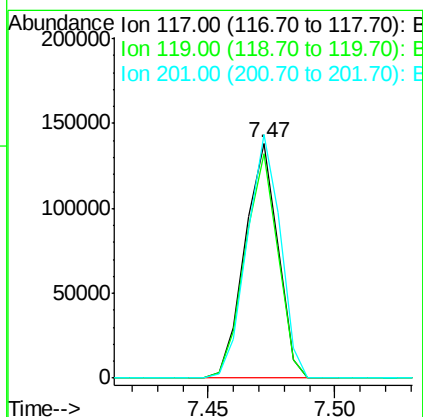
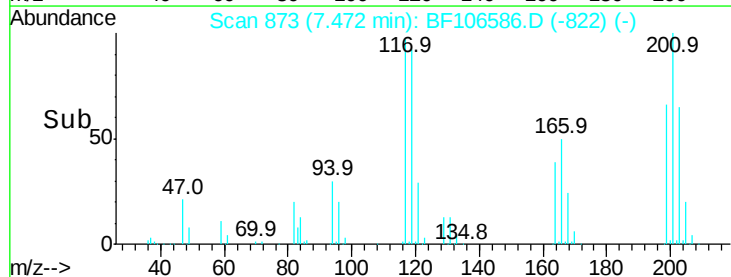
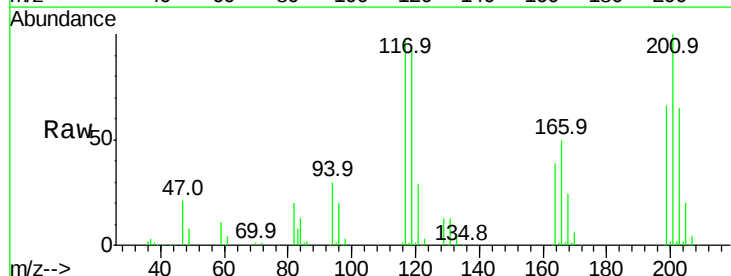
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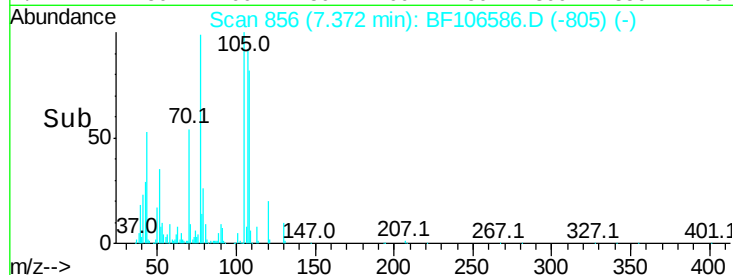
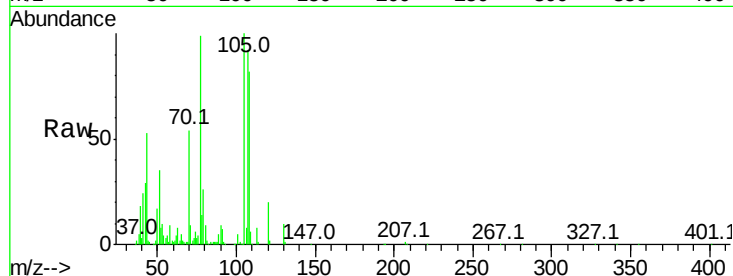
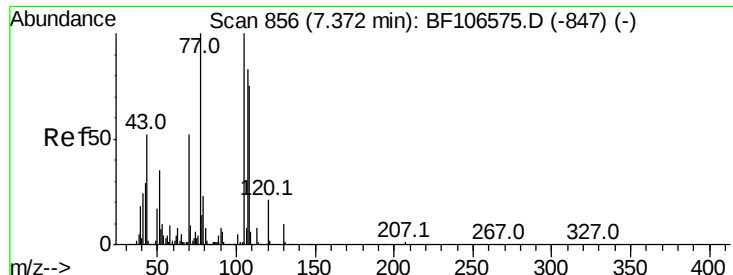
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#18
Hexachloroethane
Concen: 38.987 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	103.6	75.7	113.5





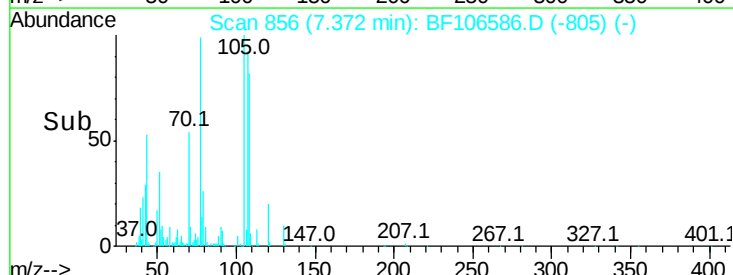
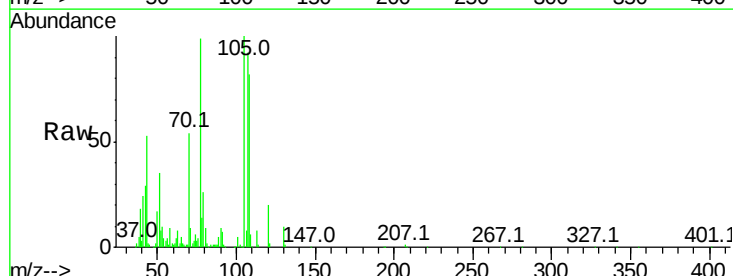
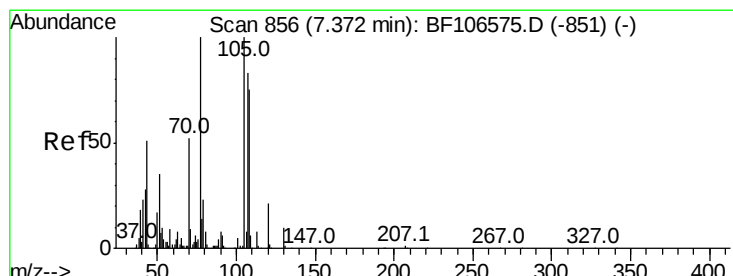
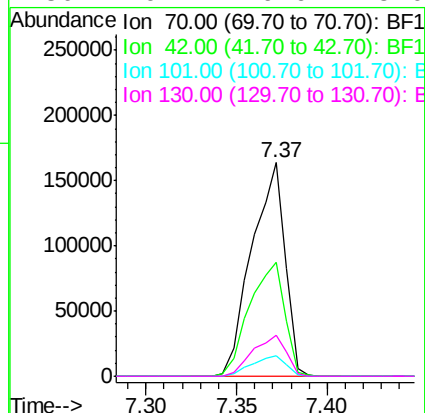
#19
n-Nitroso-di-n-propylamine
Concen: 36.174 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	9.7	7.4	11.2
130	19.1	16.6	25.0

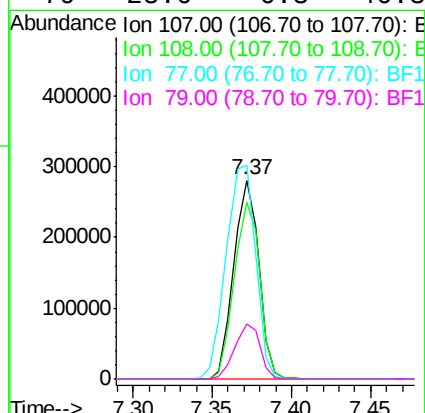
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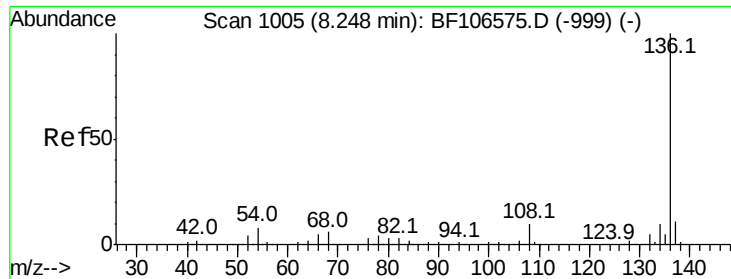
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#20
3+4-Methylphenols
Concen: 42.752 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	107.4	26.7	66.7#
79	28.0	6.3	46.3





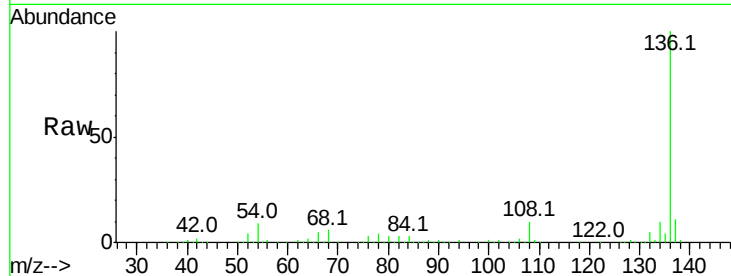
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

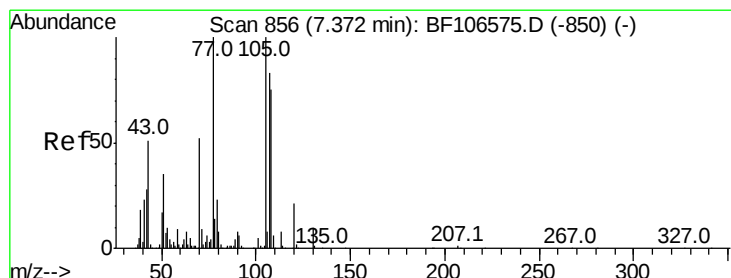
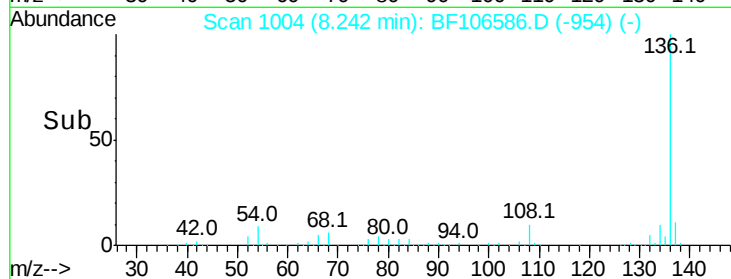
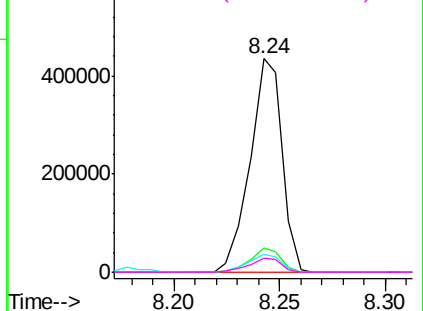
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	8.6	6.6	9.8	
68	6.4	5.0	7.4	

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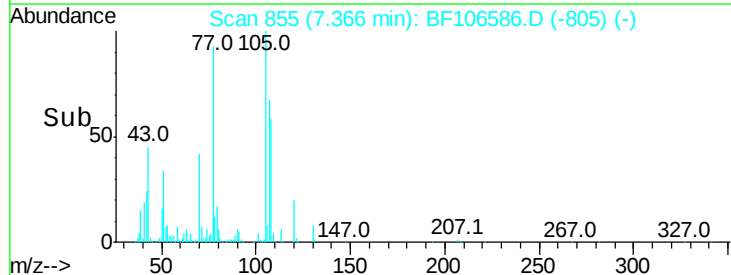
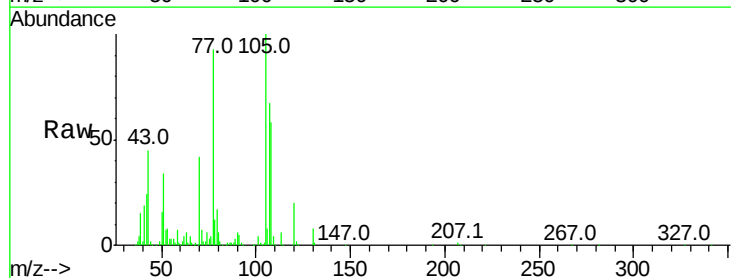
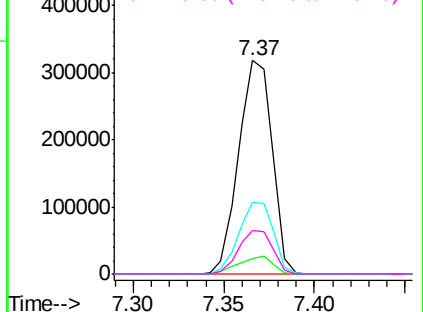
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.852 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6#	
51	33.9	22.3	33.5#	
120	20.2	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





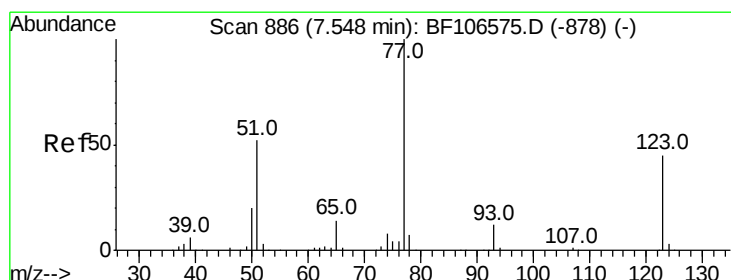
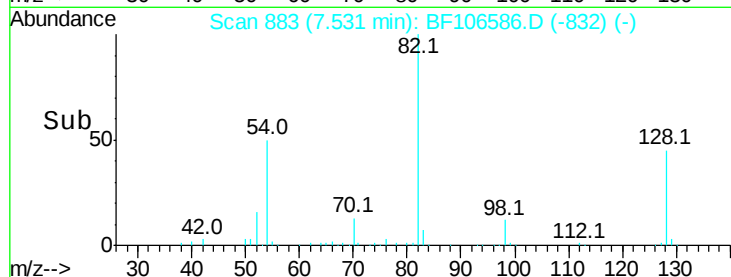
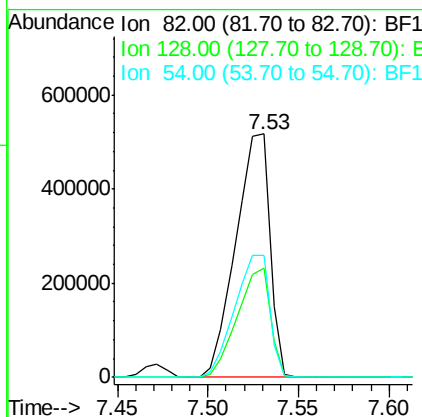
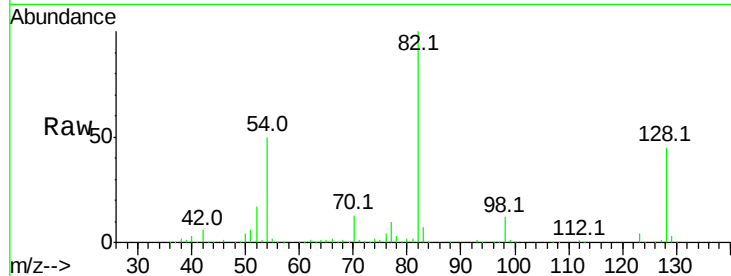
#23
Nitrobenzene-d5
Concen: 82.183 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	678575		
128	45.0	36.1	54.1	
54	50.0	41.4	62.2	

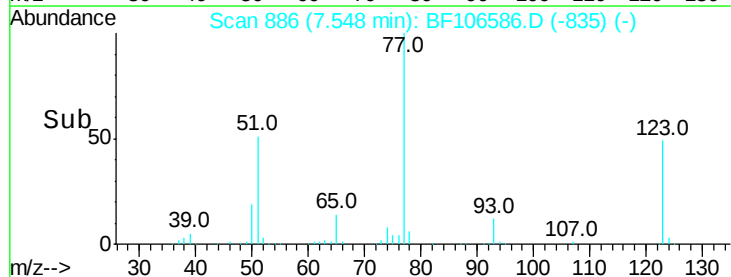
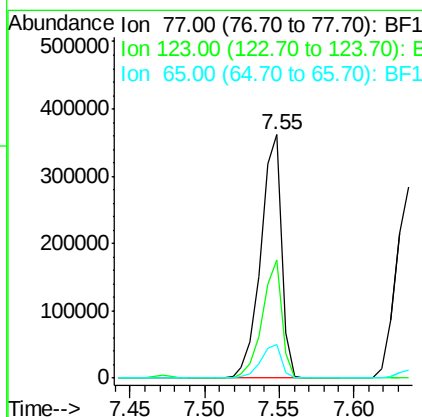
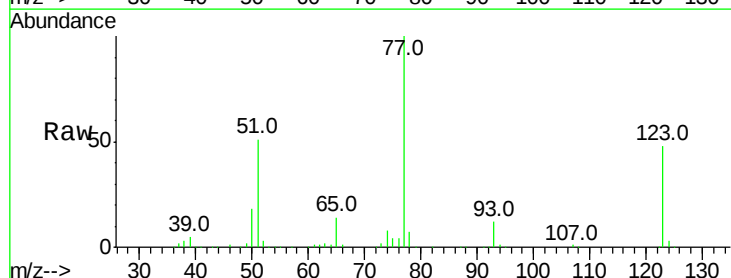
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#24
Nitrobenzene
Concen: 40.887 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	344679		
123	48.5	37.9	56.9	
65	13.8	11.0	16.4	





#25

Isophorone

Concen: 44.013 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

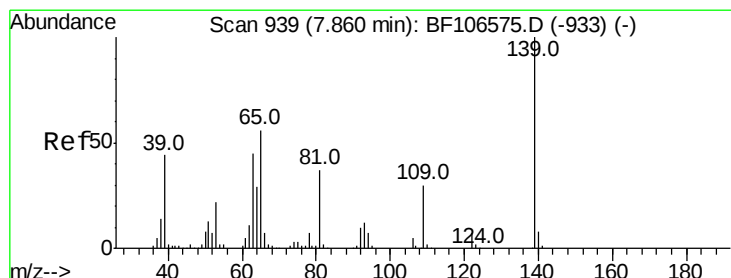
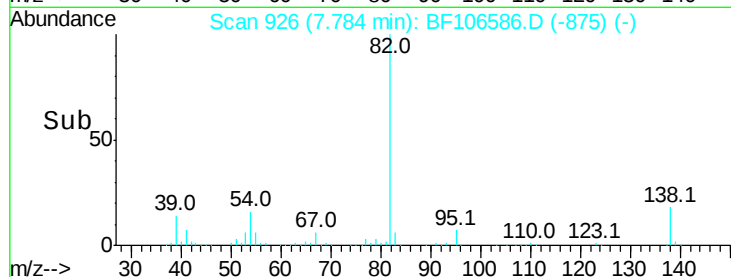
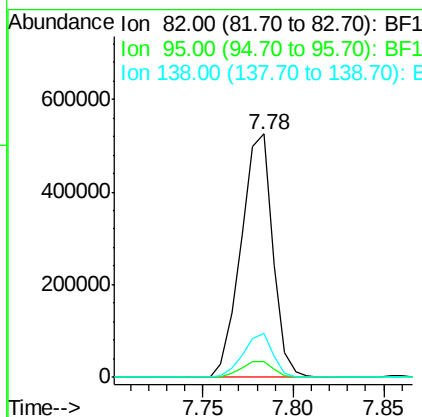
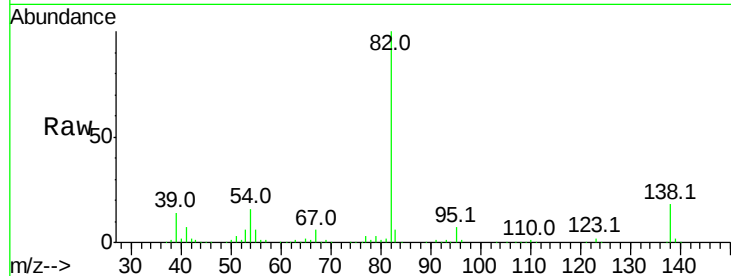
ClientSampleId :

PB110378BS

Tot Ion:	82	Resp:	640377
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	18.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.323 ng

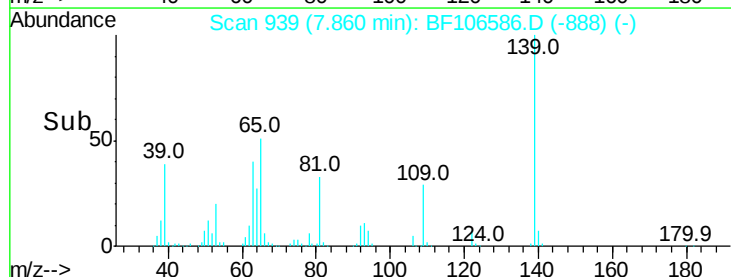
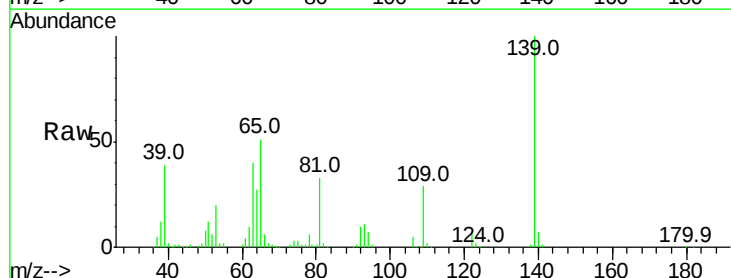
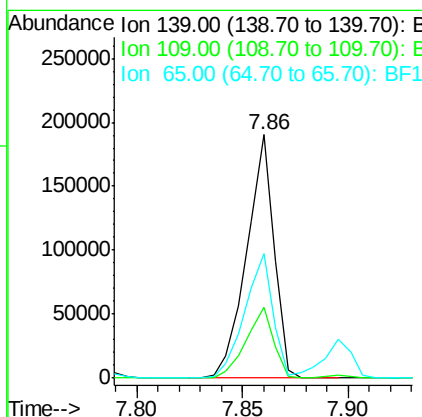
RT: 7.86 min Scan# 939

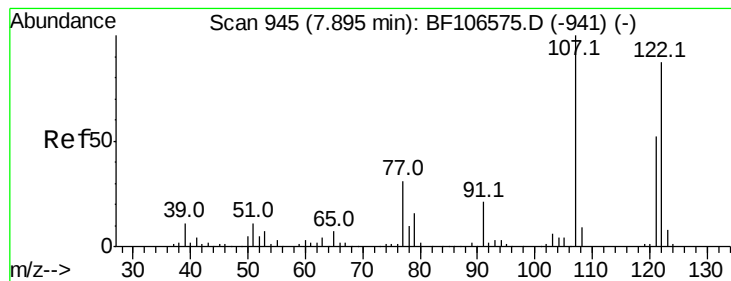
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	139	Resp:	172406
Ion Ratio	Lower	Upper	
139	100		
109	29.1	22.7	34.1
65	50.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 46.245 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

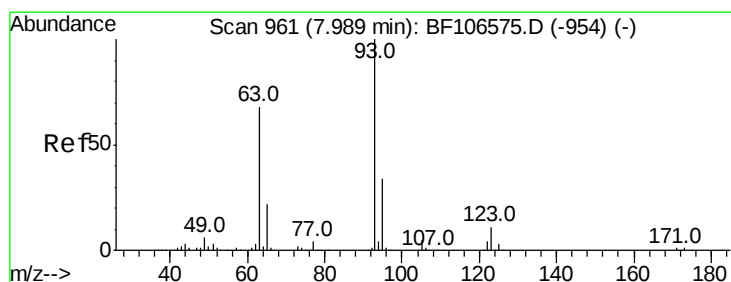
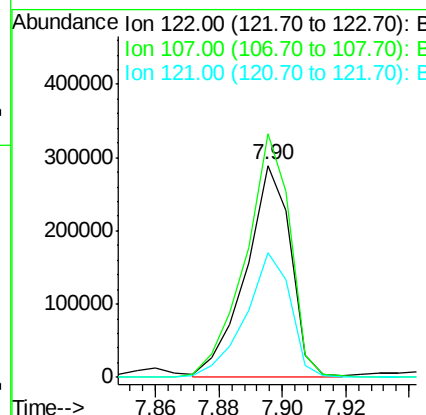
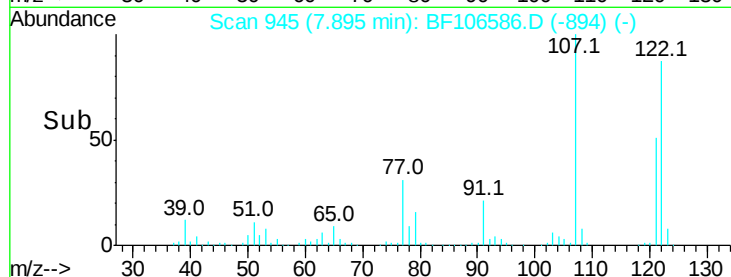
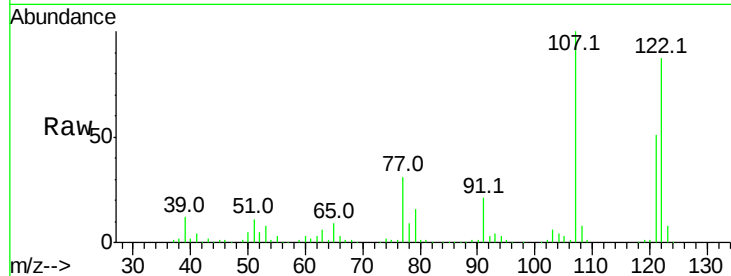
ClientSampled :

PB110378BS

Tot Ion:	122	Resp:	284449
Ion Ratio	Lower	Upper	
122	100		
107	115.0	91.2	136.8
121	58.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.967 ng

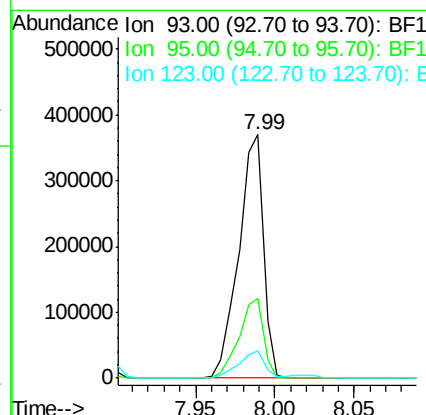
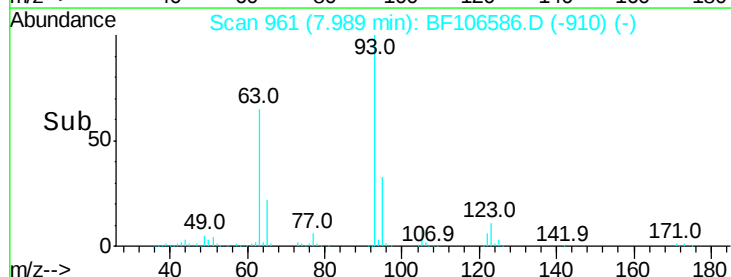
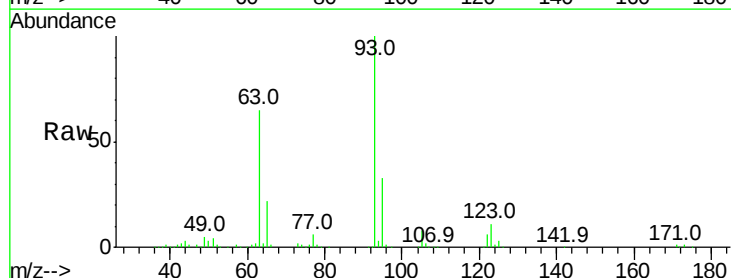
RT: 7.99 min Scan# 961

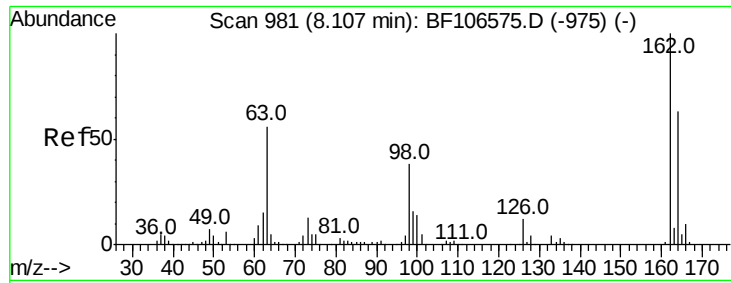
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	93	Resp:	400211
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.3	9.8	14.6





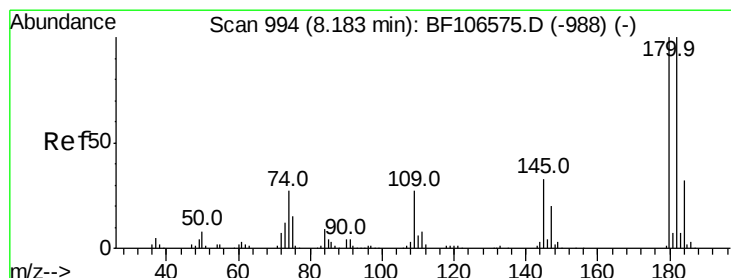
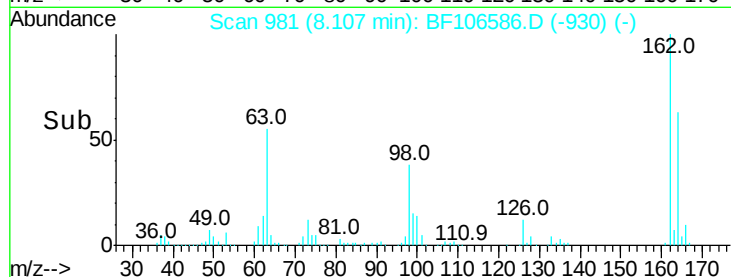
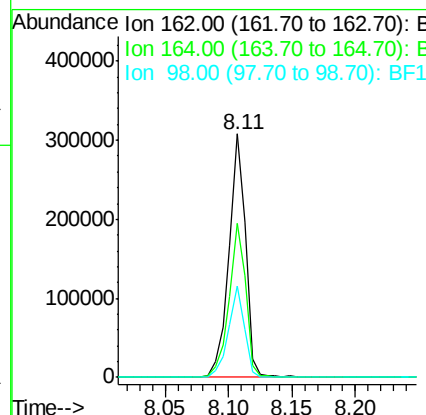
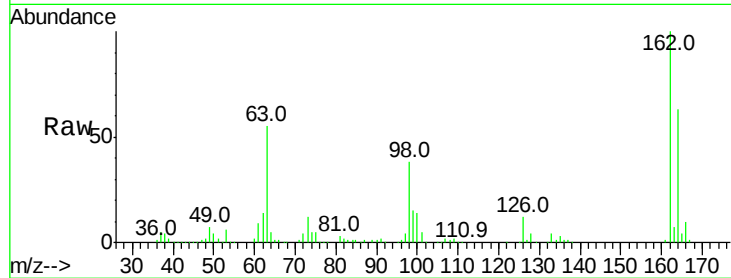
#29
 2,4-Dichlorophenol
 Concen: 43.466 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion:	162	Resp:	279903
Ion Ratio	Lower	Upper	
162	100		
164	63.4	42.7	82.7
98	37.6	18.1	58.1

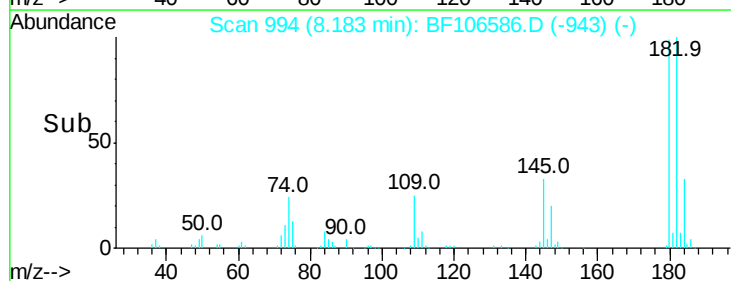
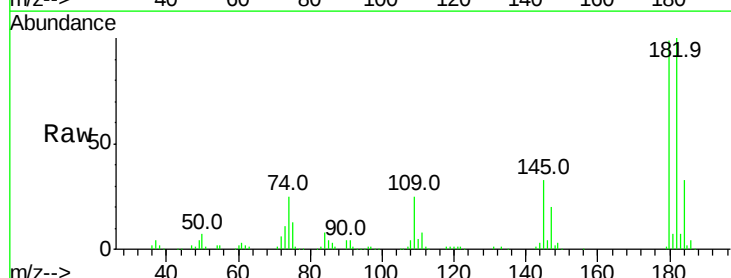
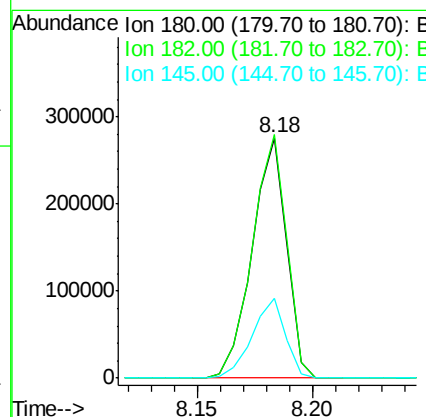
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.426 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:	180	Resp:	286783
Ion Ratio	Lower	Upper	
180	100		
182	101.5	76.8	115.2
145	33.2	26.5	39.7





#31

Naphthalene

Concen: 40.291 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

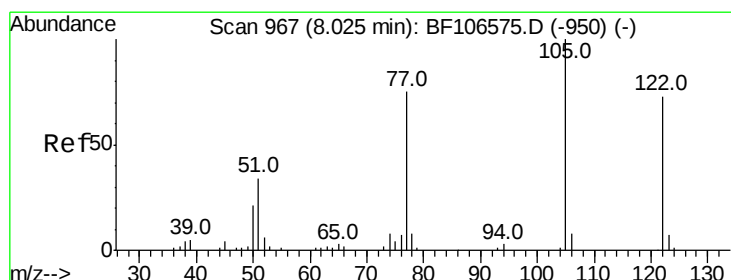
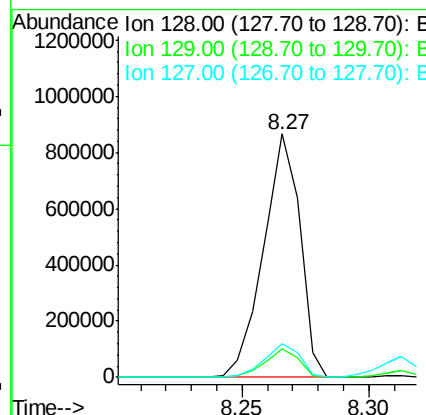
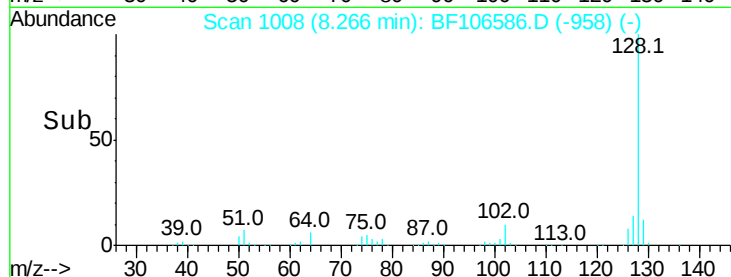
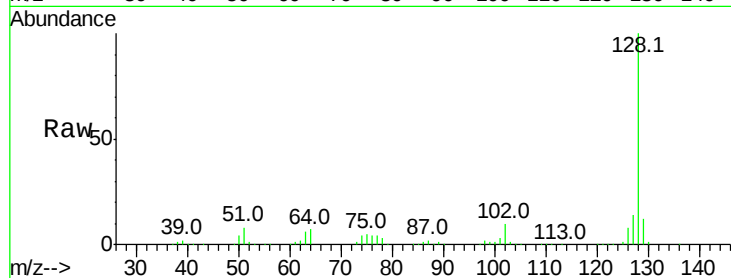
ClientSampleId :

PB110378BS

Tot Ion:	128	Resp:	864370
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 36.409 ng m

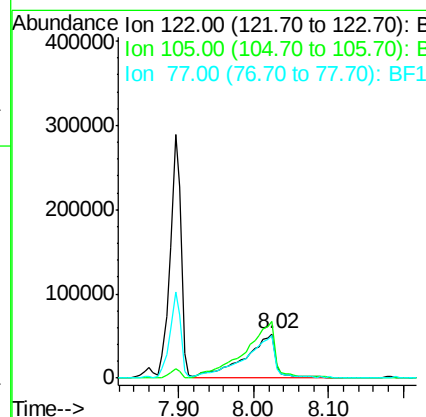
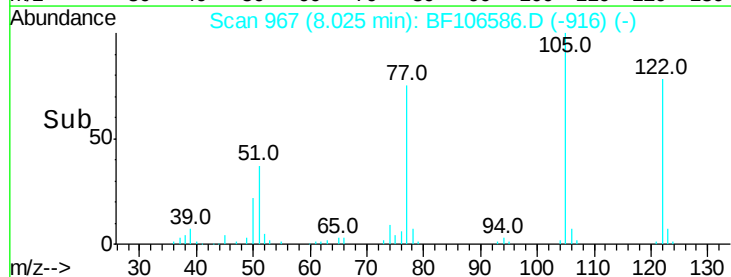
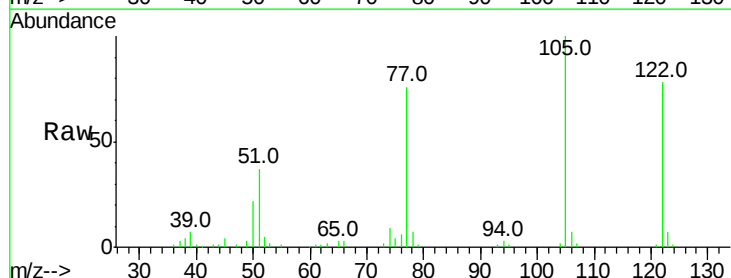
RT: 8.02 min Scan# 967

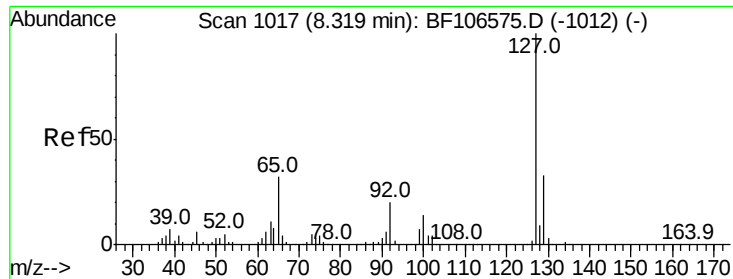
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	122	Resp:	155869
Ion Ratio	Lower	Upper	
122	100		
105	127.8	101.1	141.1
77	97.2	70.7	110.7





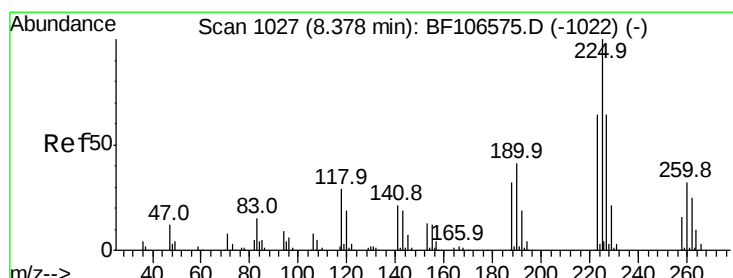
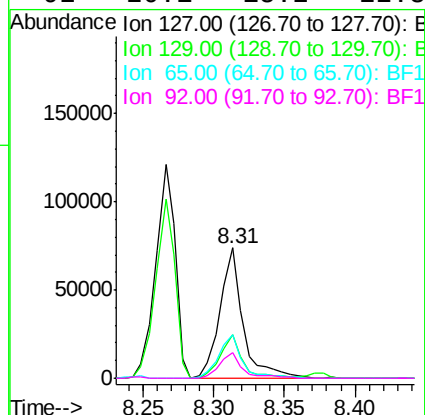
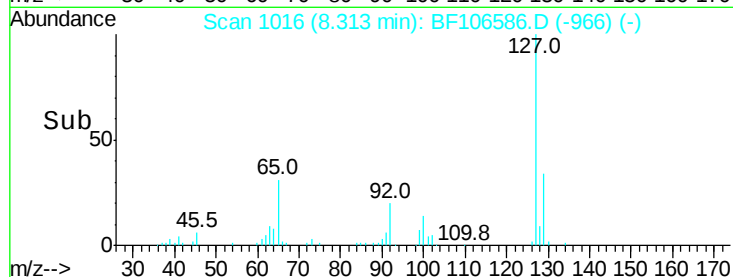
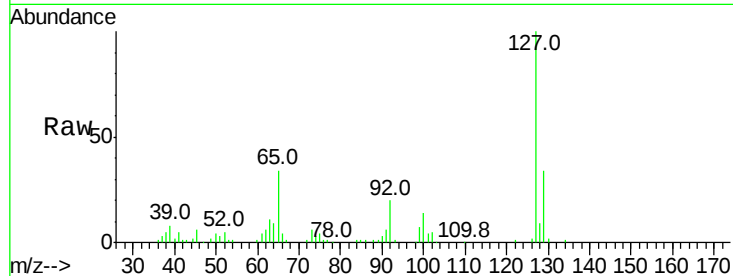
#33
4-Chloroaniline
Concen: 9.364 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion:	127	Resp:	84295
Ion Ratio	Lower	Upper	
127	100		
129	33.7	25.9	38.9
65	33.5	25.0	37.4
92	20.1	15.2	22.8

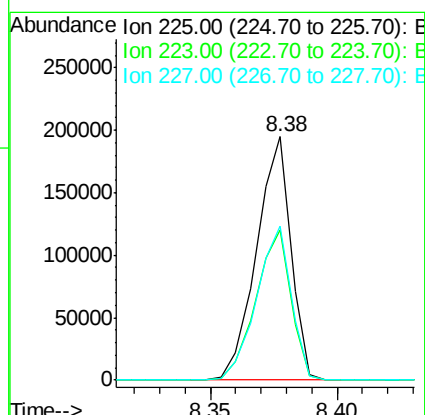
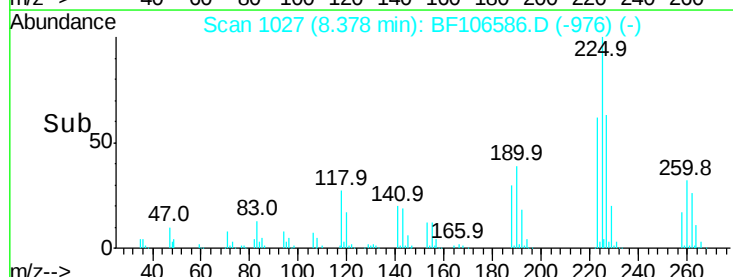
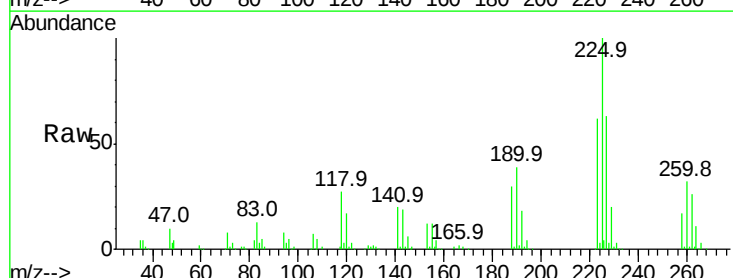
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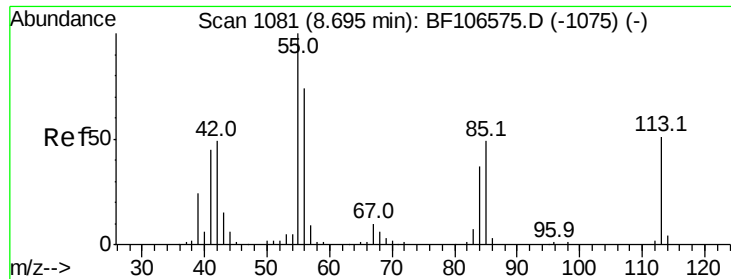
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#34
Hexachlorobutadiene
Concen: 39.915 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion:	225	Resp:	184506
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.6	76.0
227	63.1	51.9	77.9





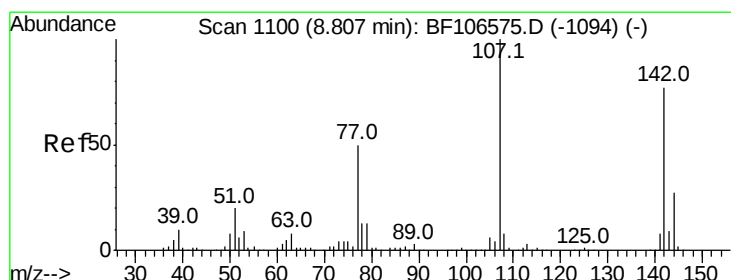
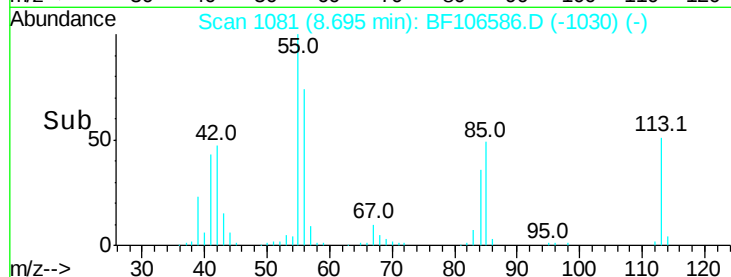
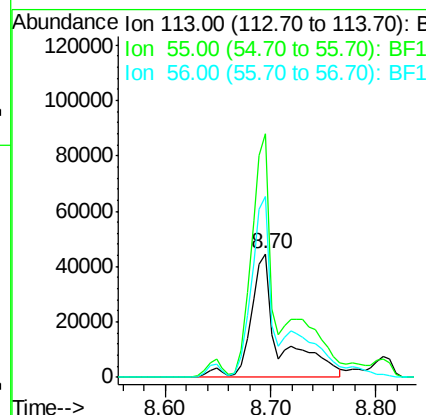
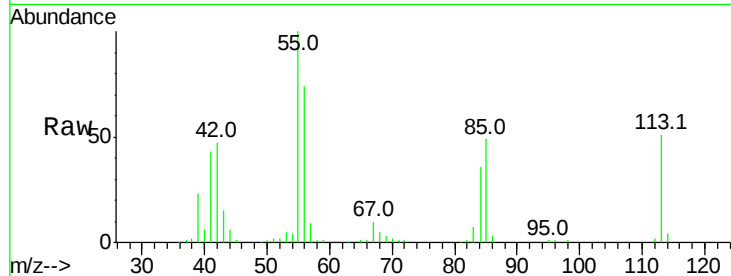
#35
 Caprolactam
 Concen: 40.954 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.0	163.3	203.3
56	146.2	115.7	155.7

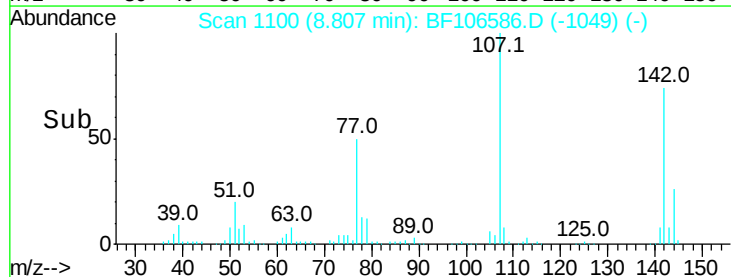
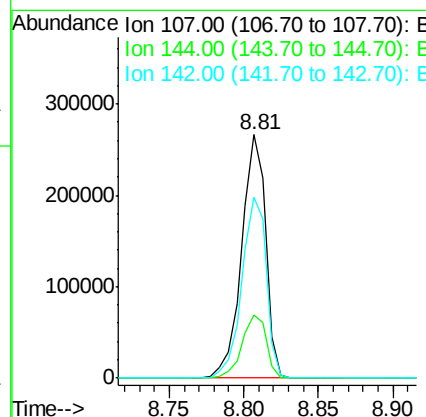
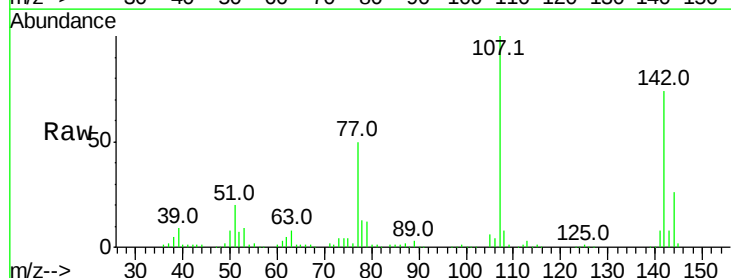
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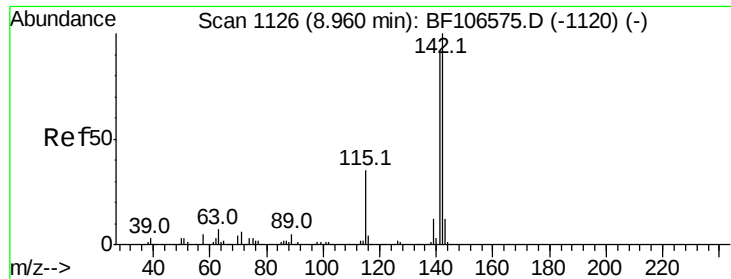
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#36
 4-Chloro-3-methylphenol
 Concen: 44.138 ng/ml
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	74.4	62.0	93.0





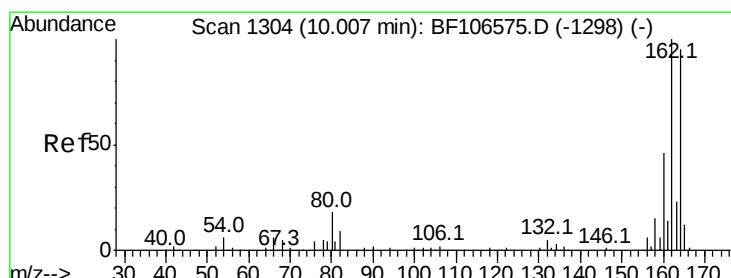
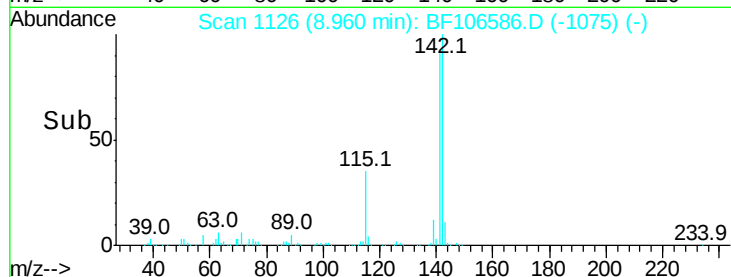
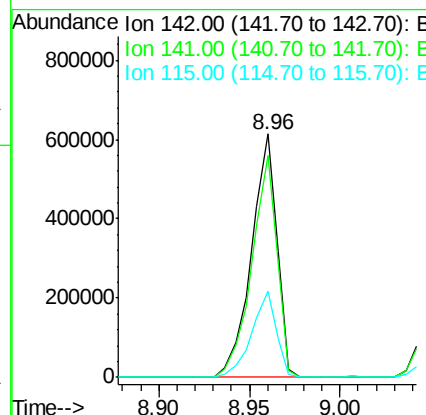
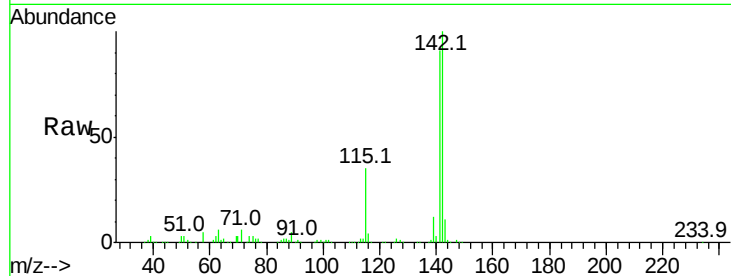
#37
2-Methylnaphthalene
Concen: 42.248 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	35.4	26.1	39.1

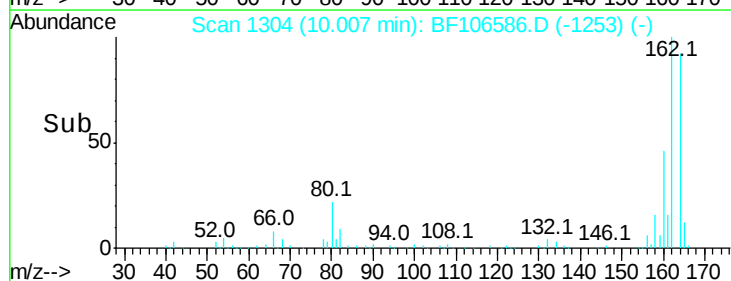
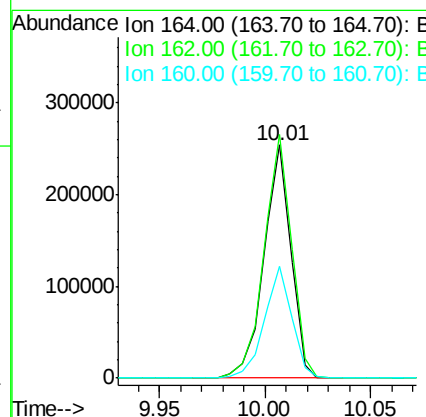
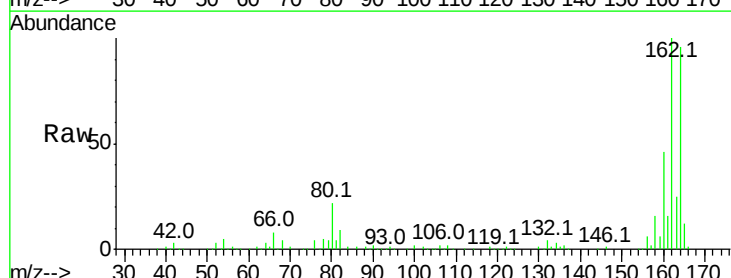
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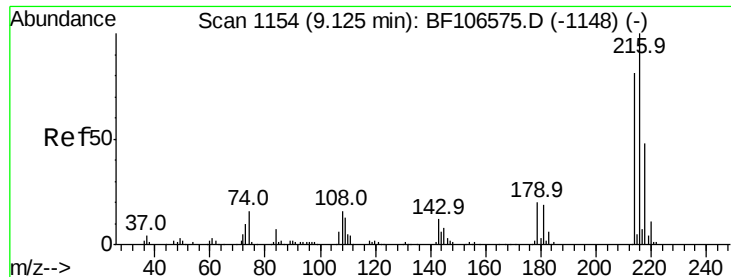
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.0	38.3	57.5





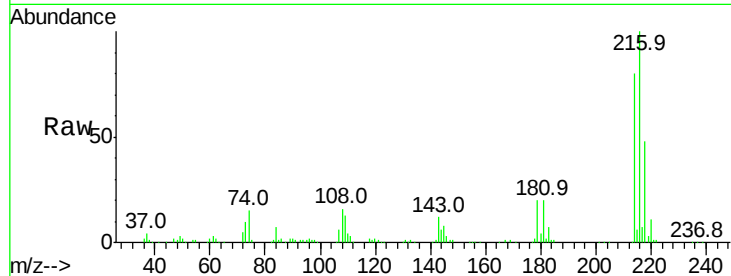
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.146 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB110378BS

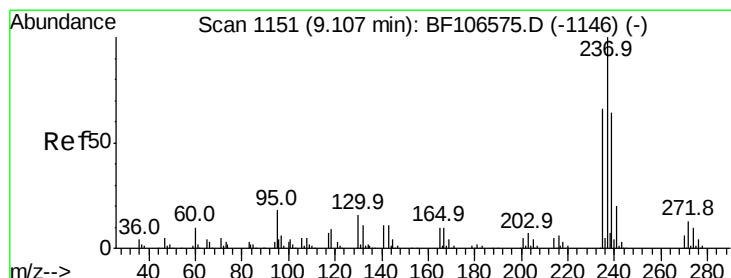
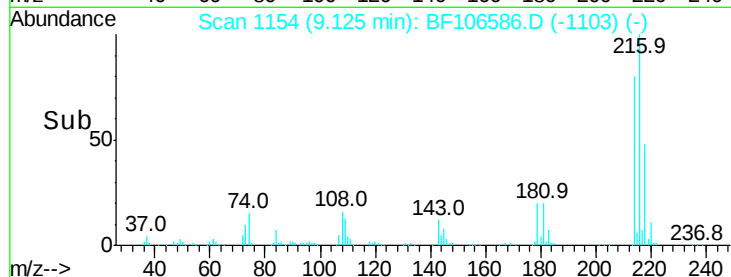
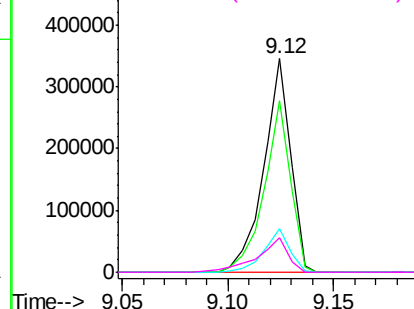
Tot Ion	Ratio	Resp	Lower	Upper
216	100	305809		
214	78.9	63.0	94.4	
179	19.7	18.1	27.1	
108	18.9	17.2	25.8	

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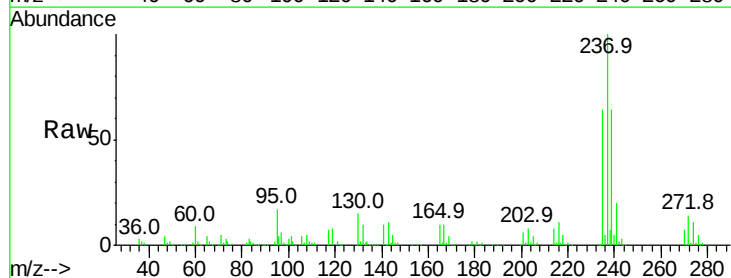


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

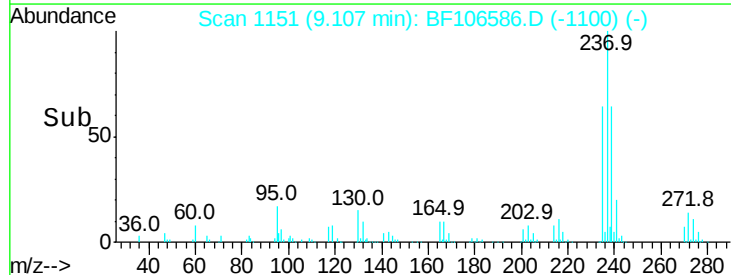
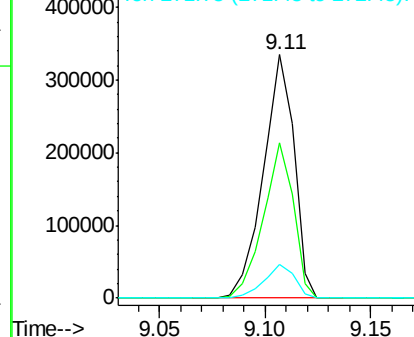


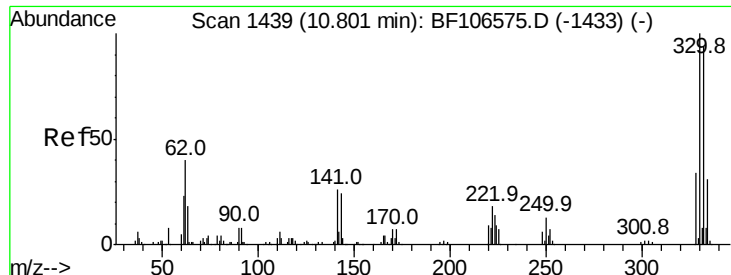
#40
 Hexachlorocyclopentadiene
 Concen: 86.605 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	339417		
235	64.0	44.8	84.8	
272	13.7	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





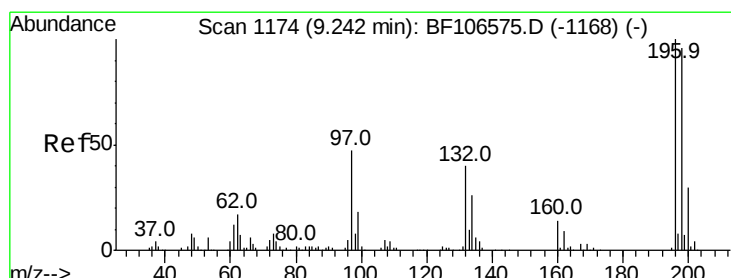
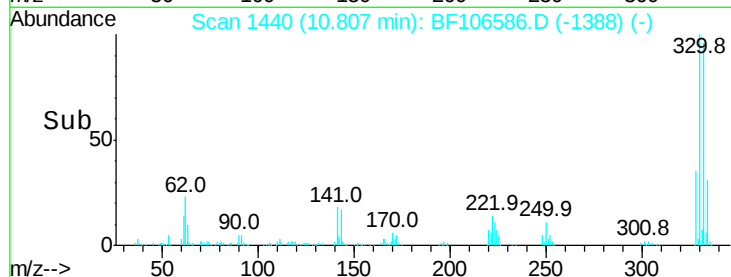
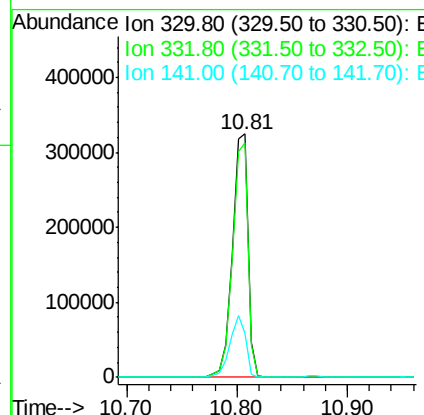
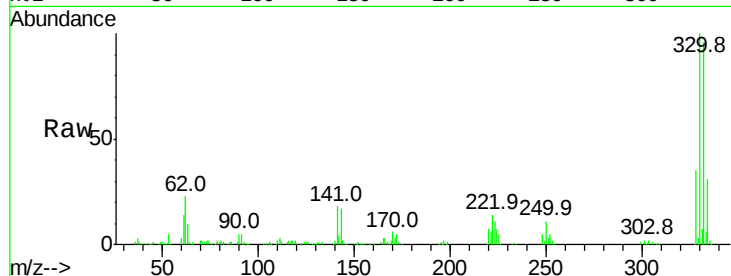
#41
 2,4,6-Tribromophenol
 Concen: 123.425 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	25.7	29.9	44.9	

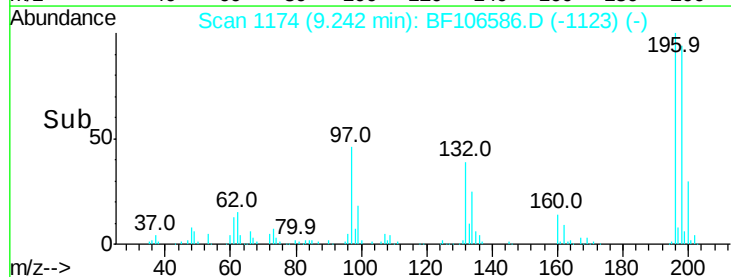
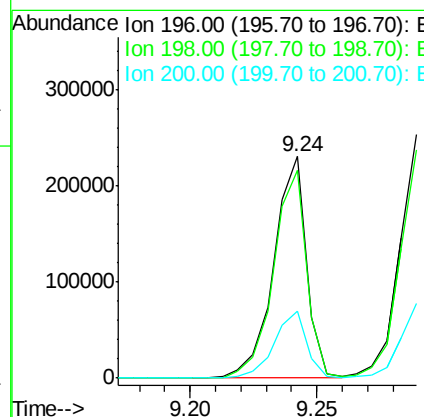
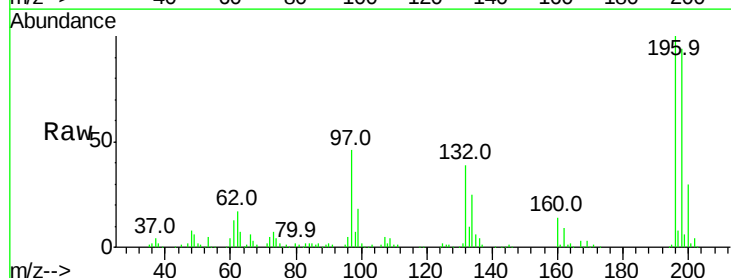
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#42
 2,4,6-Trichlorophenol
 Concen: 41.462 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	75.7	113.5	
200	30.4	24.5	36.7	





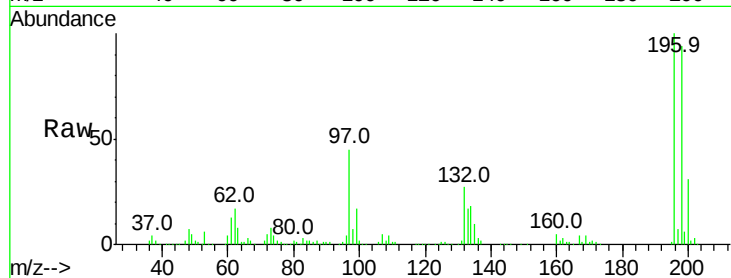
#43
 2,4,5-Trichlorophenol
 Concen: 41.894 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

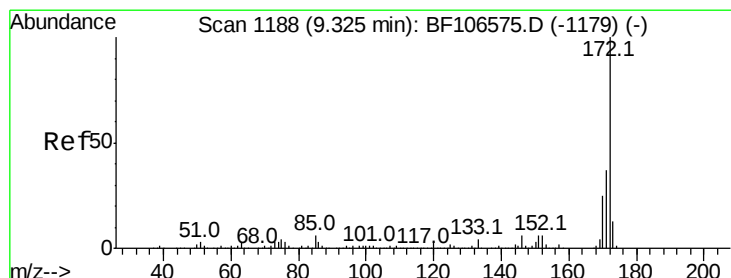
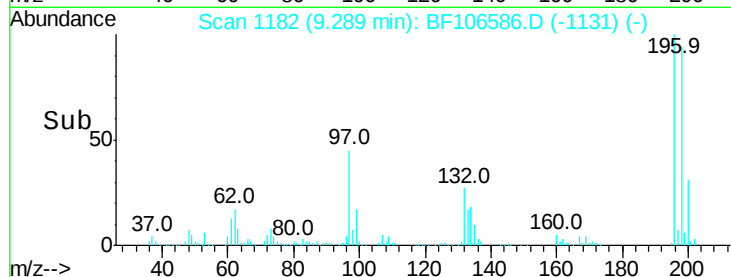
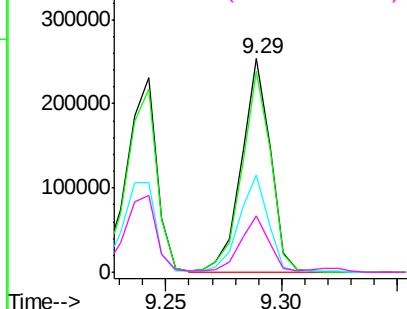
Tot Ion	Ratio	Resp	Lower	Upper
196	100	221347		
198	93.8	74.6	112.0	
97	45.3	42.9	64.3	
132	26.6	26.3	39.5	

Manual Integrations
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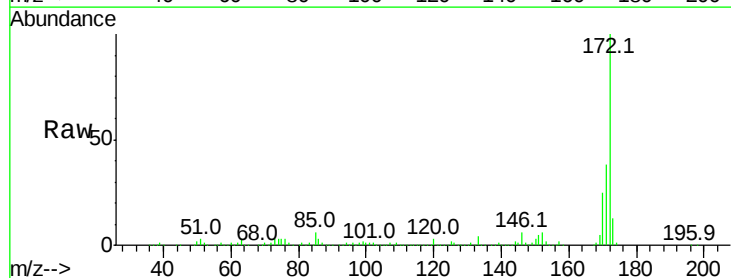


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

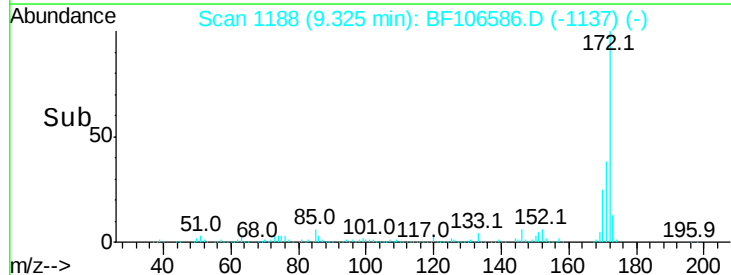
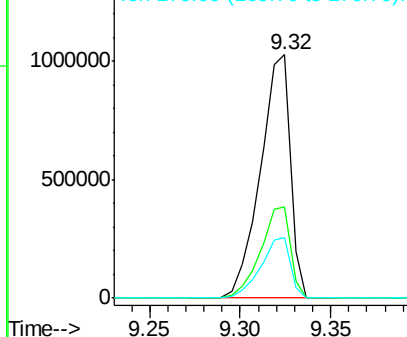


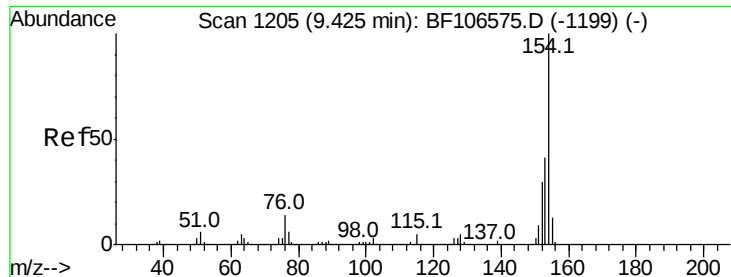
#44
 2-Fluorobiphenyl
 Concen: 89.355 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1183985		
171	37.6	29.7	44.5	
170	25.1	19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.360 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

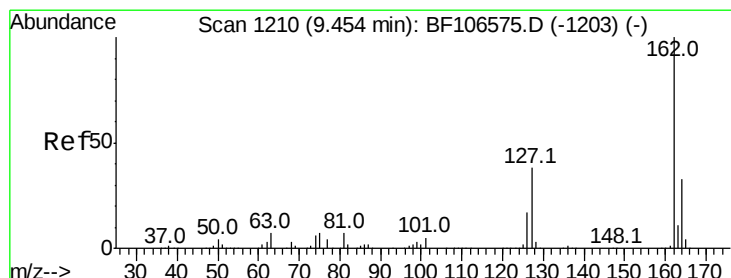
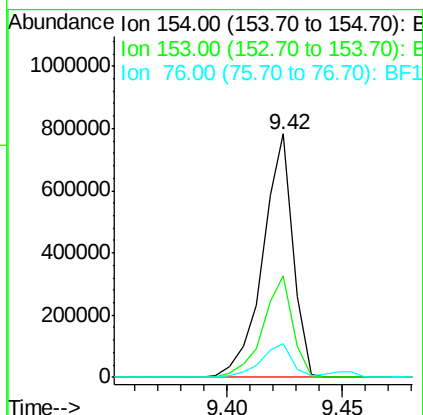
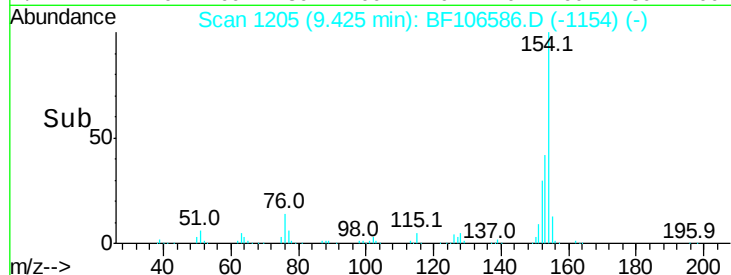
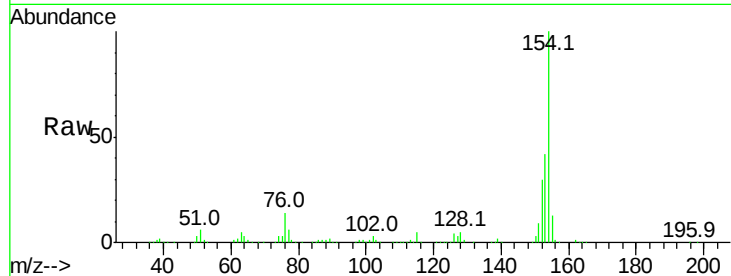
ClientSampled :

PB110378BS

Tot Ion:	154	Resp:	709515
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.3	61.3
76	13.7	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 40.520 ng

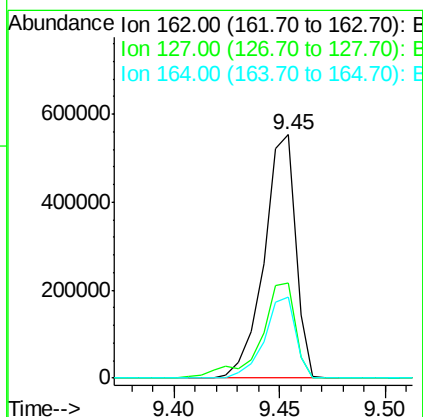
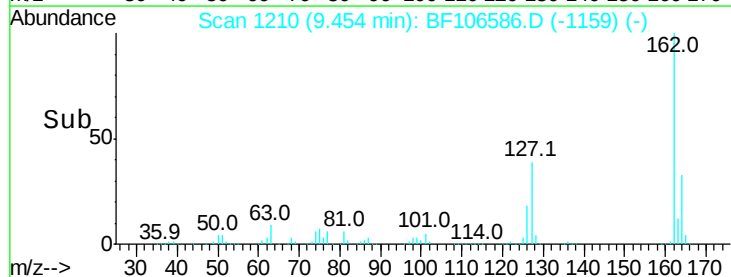
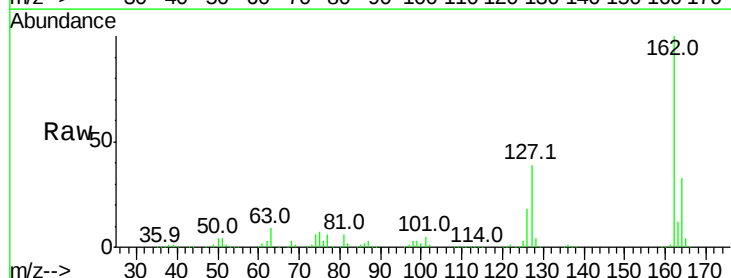
RT: 9.45 min Scan# 1210

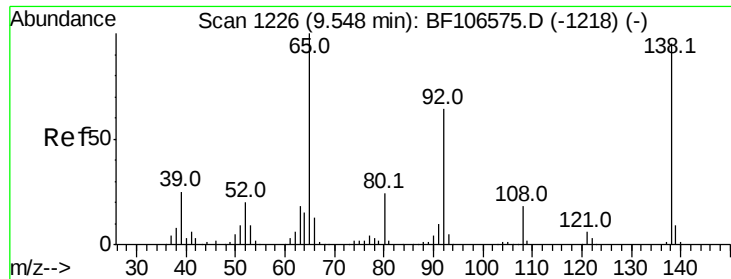
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	162	Resp:	574954
Ion Ratio	Lower	Upper	
162	100		
127	38.9	33.9	50.9
164	33.4	26.5	39.7





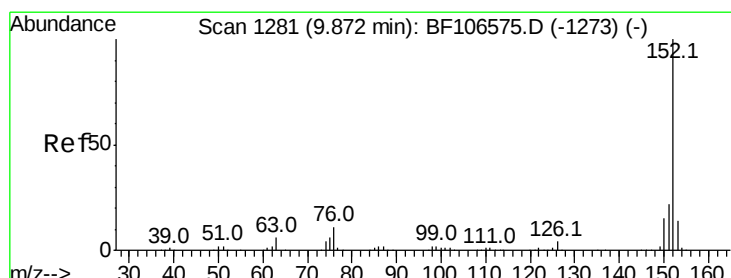
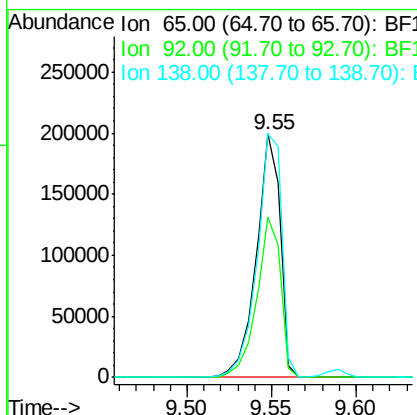
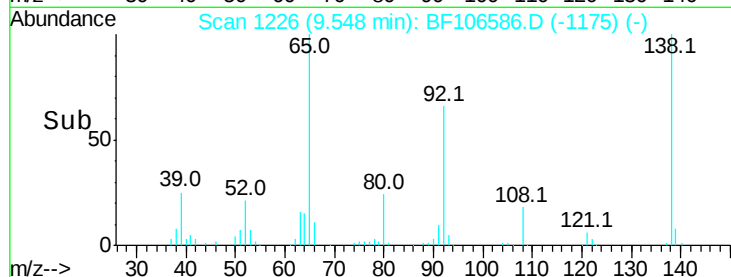
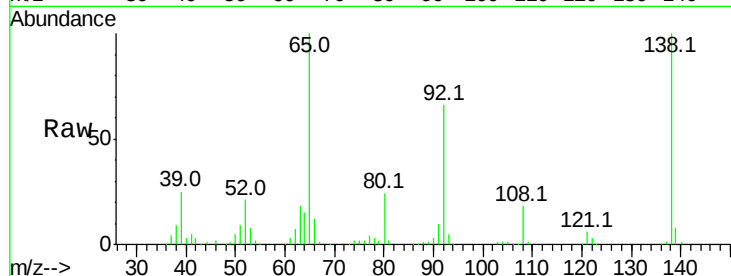
#47
 2-Nitroaniline
 Concen: 41.121 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion:	65	Resp:	196206
Ion Ratio	Lower	Upper	
65	100		
92	65.9	55.8	83.6
138	99.9	91.2	136.8

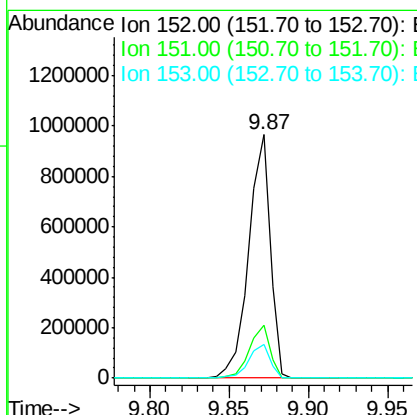
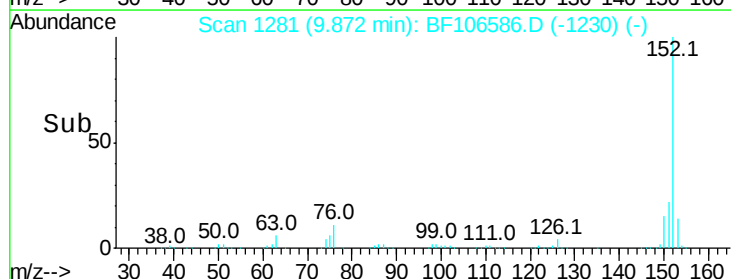
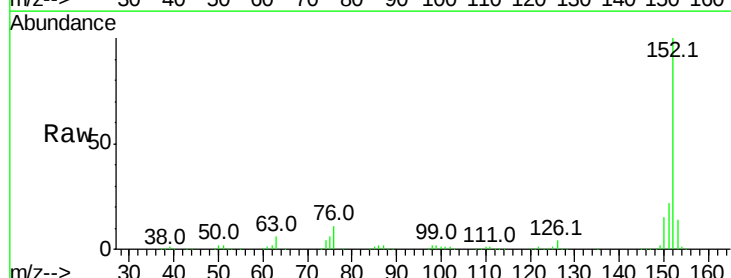
Manual Integrations
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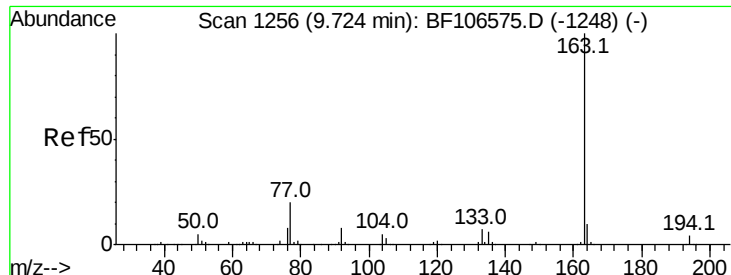
Sohil
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#48
 Acenaphthylene
 Concen: 40.579 ng
 RT: 9.87 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:	152	Resp:	909060
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.3	24.5
153	14.0	10.7	16.1





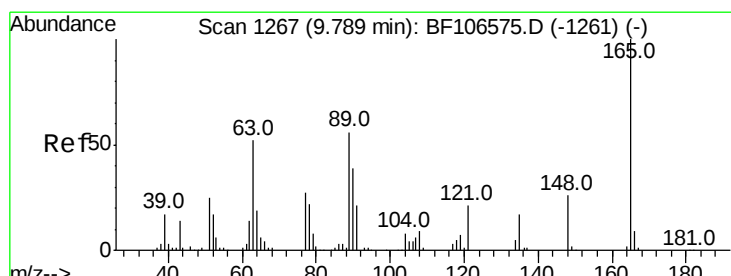
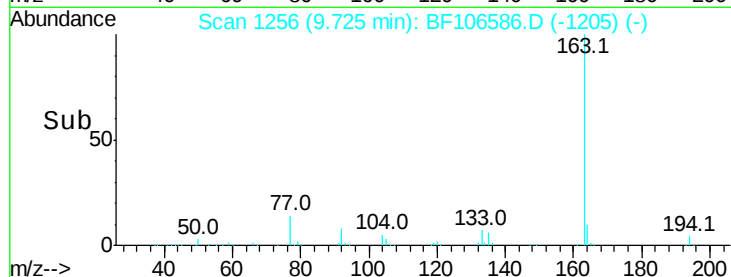
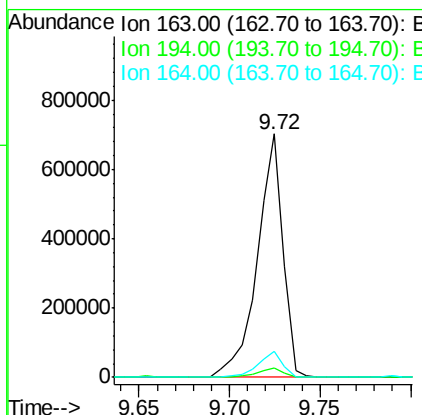
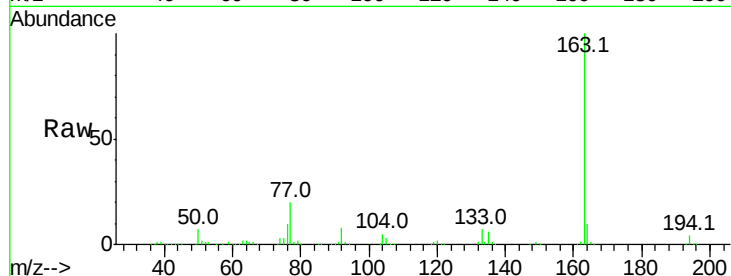
#49
Dimethylphthalate
Concen: 40.598 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	688734		
194	4.0		2.7	4.1
164	10.4		8.2	12.2

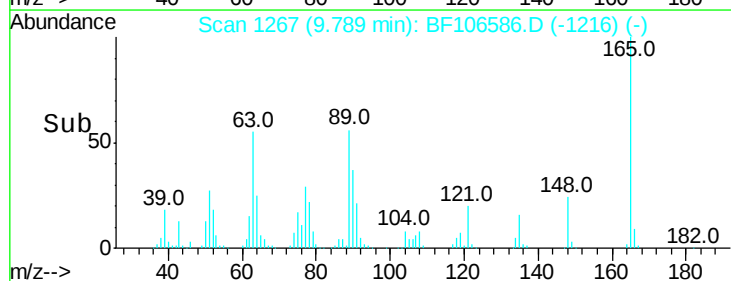
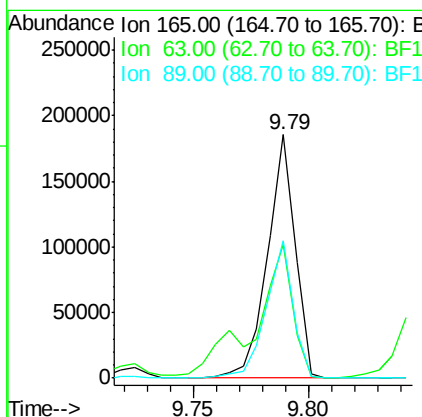
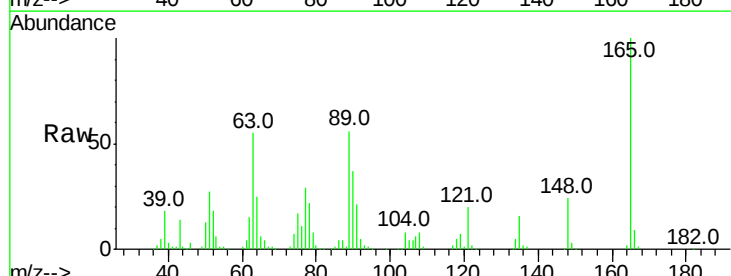
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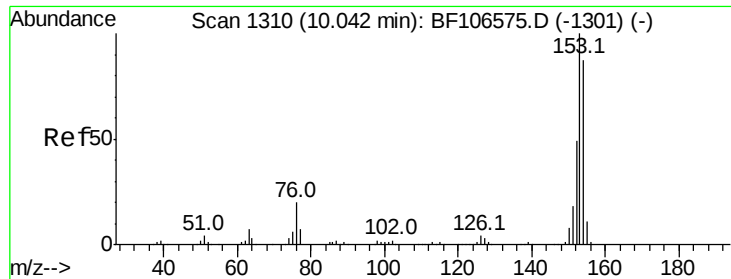
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#50
2,6-Dinitrotoluene
Concen: 43.101 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154834		
63	55.0		44.7	67.1
89	56.2		44.0	66.0





#51

Acenaphthene

Concen: 37.185 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

PB110378BS

Tot Ion:154 Resp: 524570

Ion Ratio Lower Upper

154 100

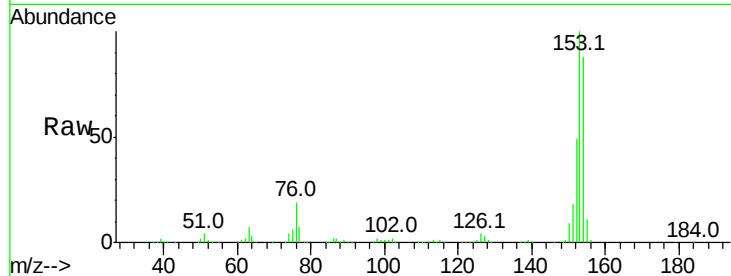
153 113.9 91.2 136.8

152 56.1 43.8 65.8

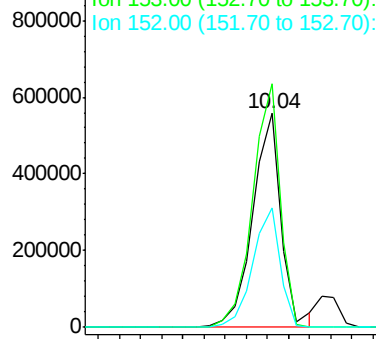
Manual Integrations
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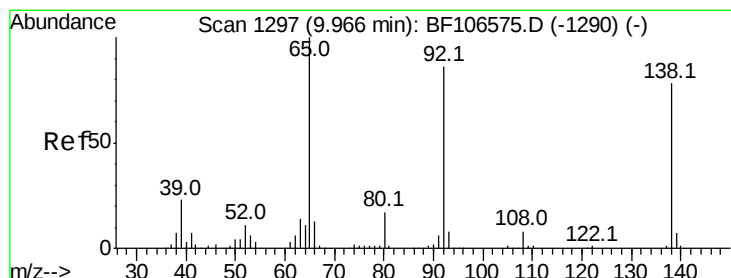
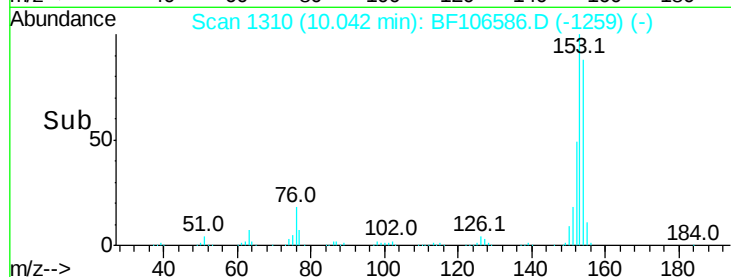
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 15.859 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

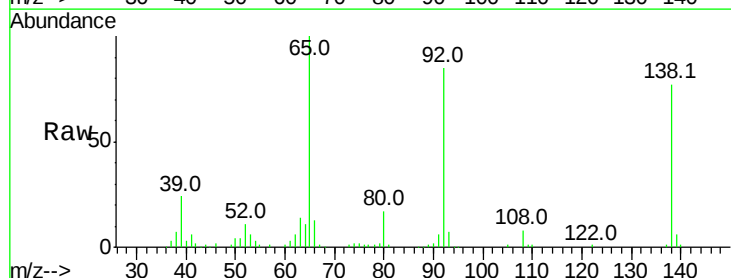
Tgt Ion:138 Resp: 65559

Ion Ratio Lower Upper

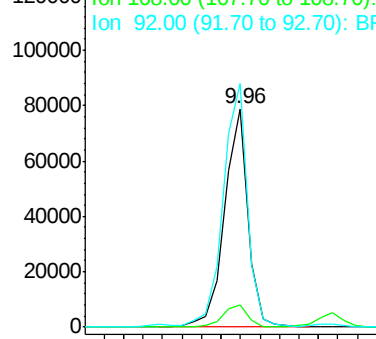
138 100

108 10.4 9.4 14.0

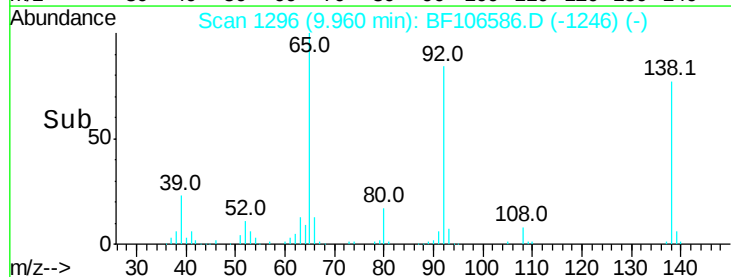
92 111.4 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



Time-->





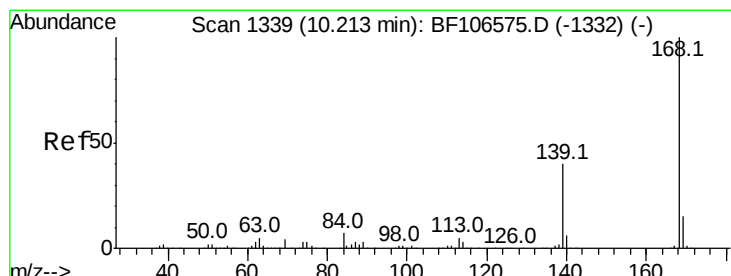
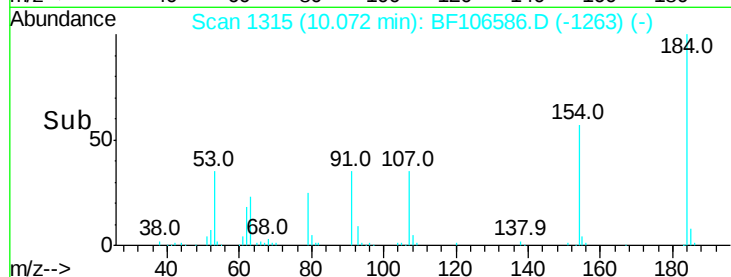
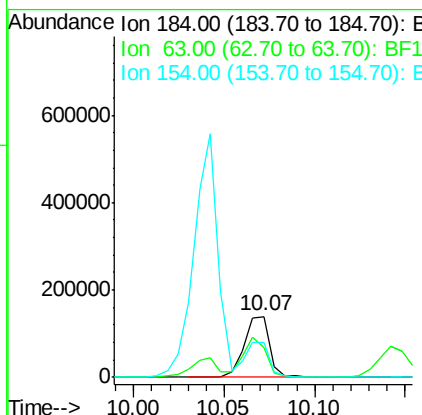
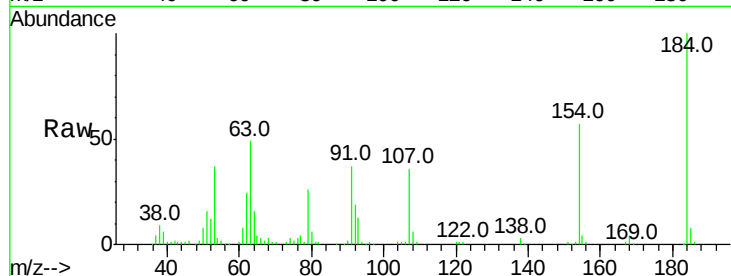
#53
2,4-Dinitrophenol
Concen: 73.440 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.3	54.2	81.2#	
154	56.7	184.0	276.0#	

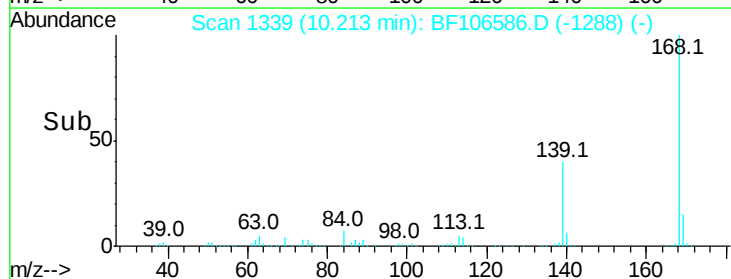
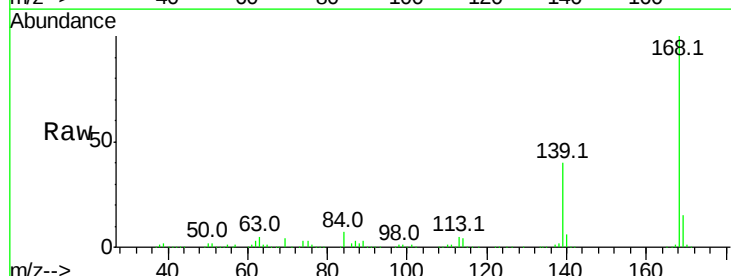
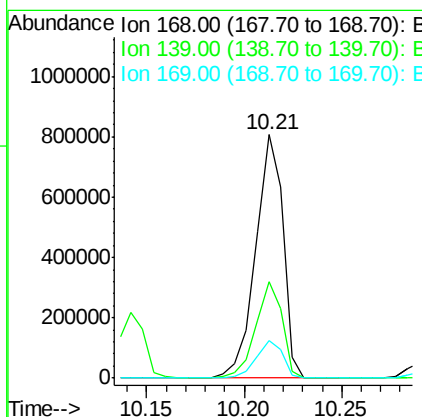
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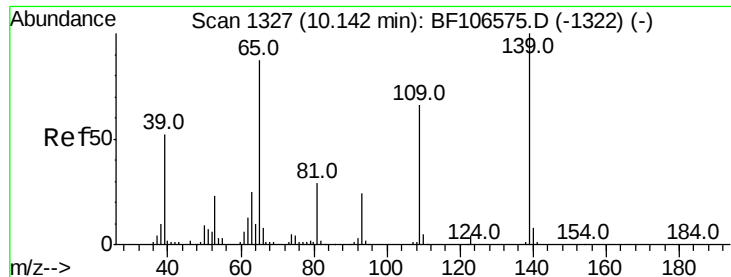
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#54
Dibenzofuran
Concen: 40.593 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.7	30.1	45.1	
169	15.4	10.9	16.3	





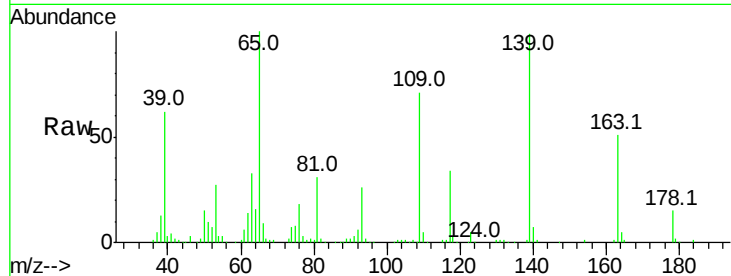
#55
4-Nitrophenol
Concen: 72.124 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampled :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	208110		
109	72.2	48.4	88.4	
65	101.0	72.6	112.6	

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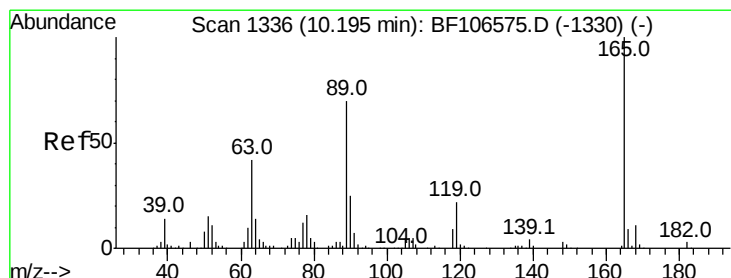
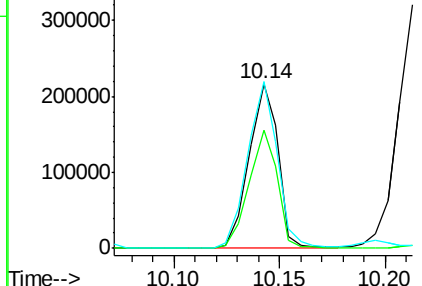
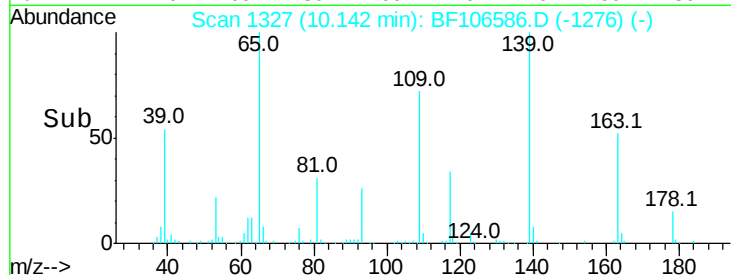


Abundance

Ion 139.00 (138.70 to 139.70): E

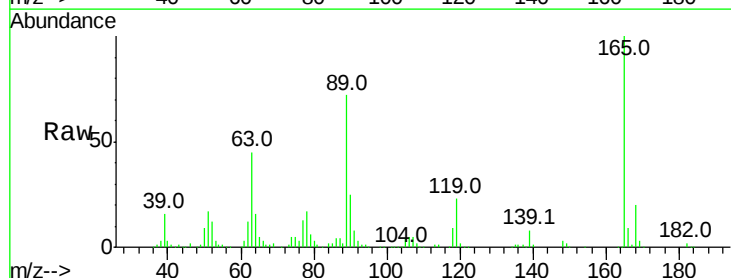
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 44.139 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206969		
63	45.2	36.4	54.6	
89	71.5	57.8	86.6	
182	2.4	1.6	2.4	



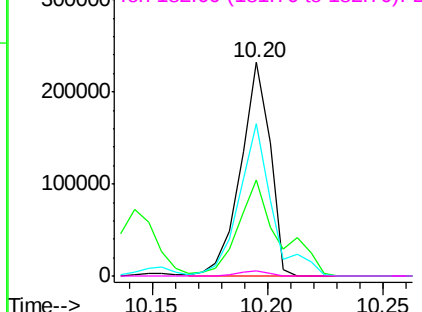
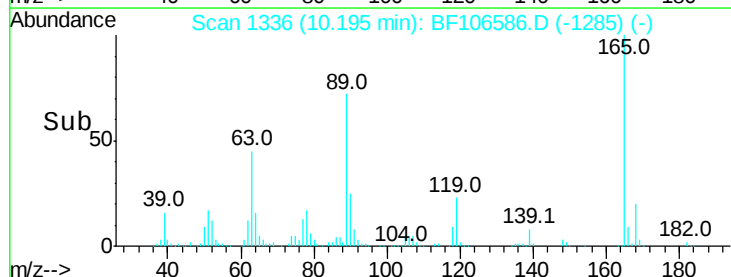
Abundance

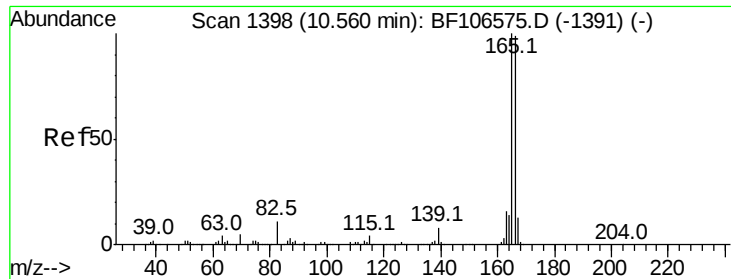
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





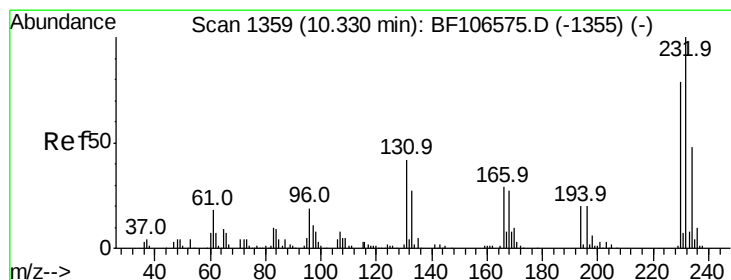
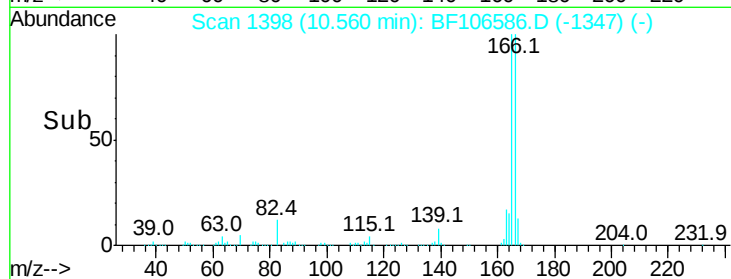
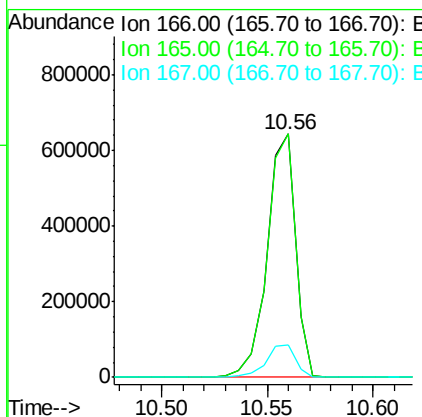
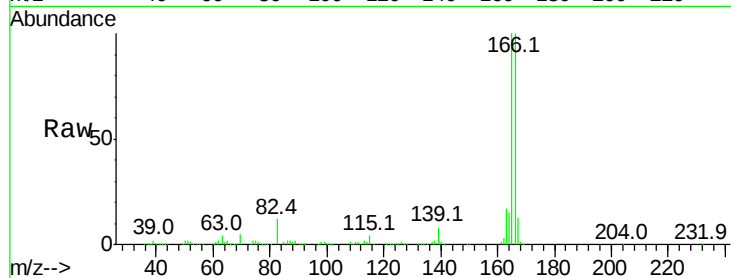
#57
 Fluorene
 Concen: 39.276 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.5	10.6	16.0

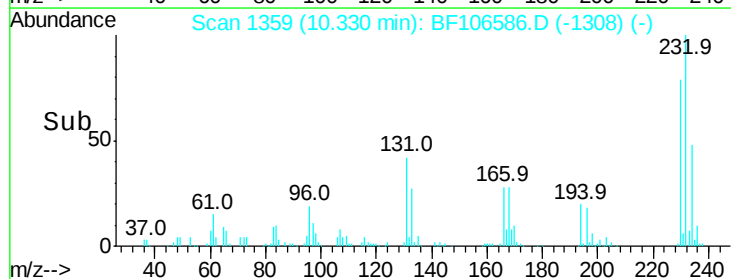
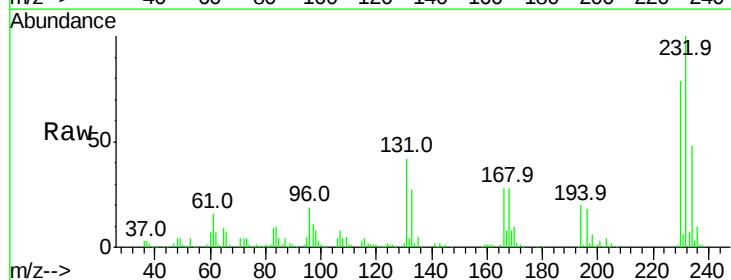
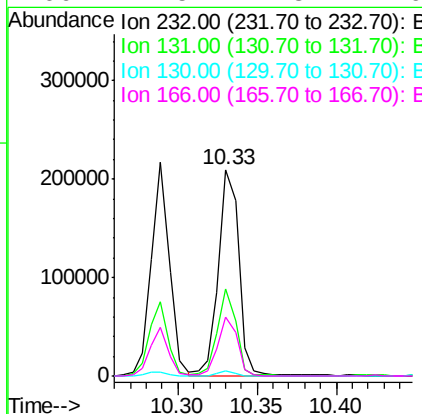
Manual Integrations
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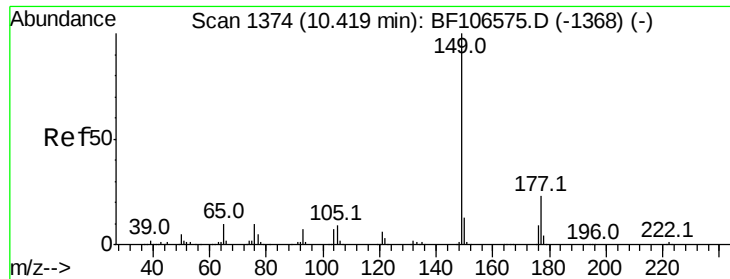
Sohil
 6/20/2018 4:58:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.474 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.1	43.8	65.8#
130	2.0	2.1	3.1#
166	27.5	27.8	41.6#





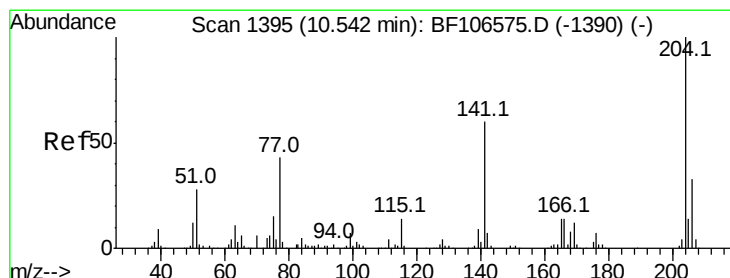
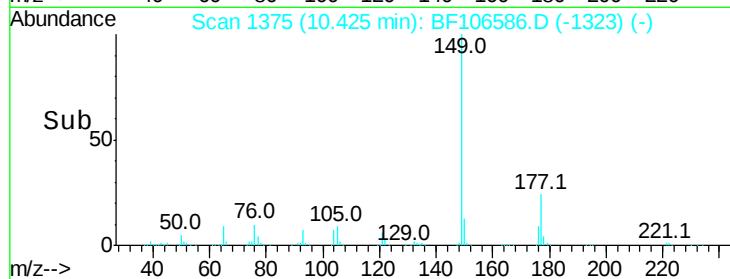
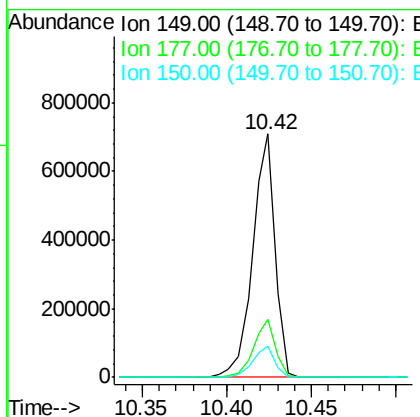
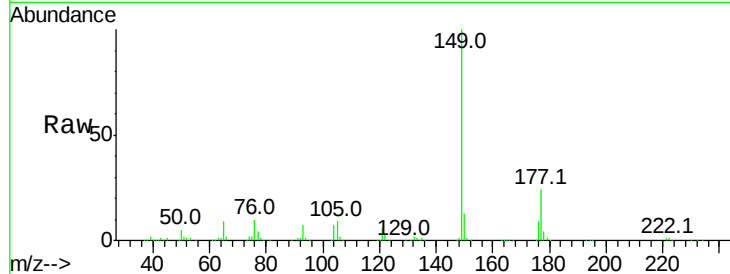
#59
Diethylphthalate
Concen: 40.101 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.6	16.1	24.1
150	12.9	10.1	15.1

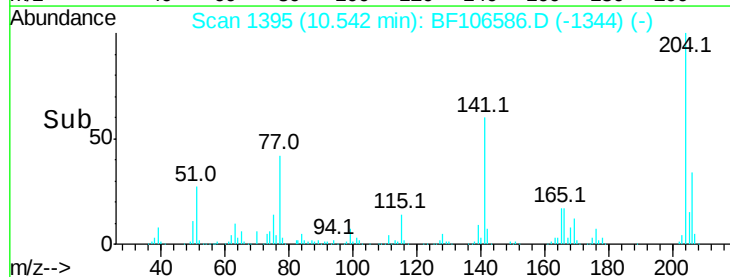
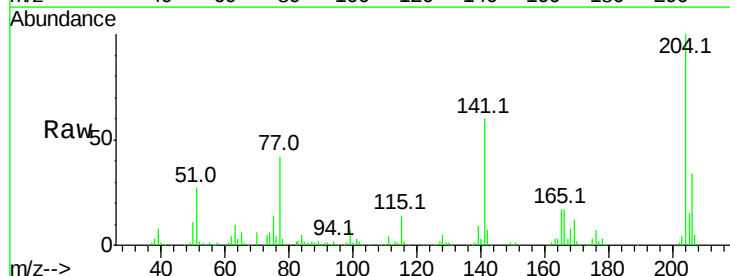
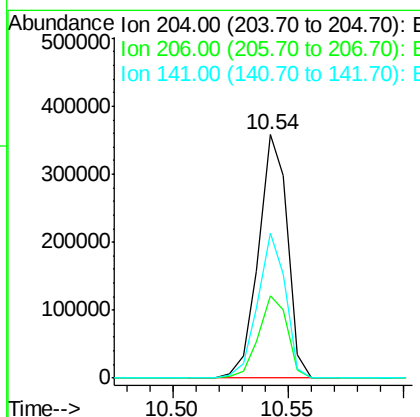
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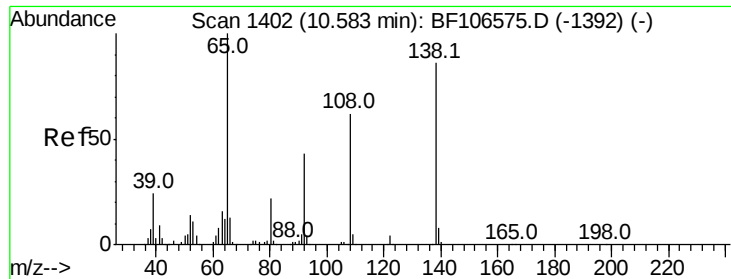
Sohil
6/20/2018 4:58:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.086 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.8	26.5	39.7
141	59.8	54.6	81.8





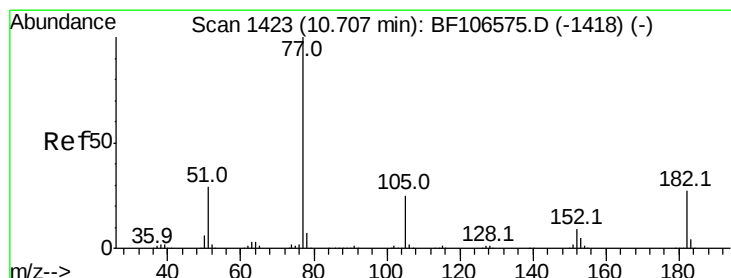
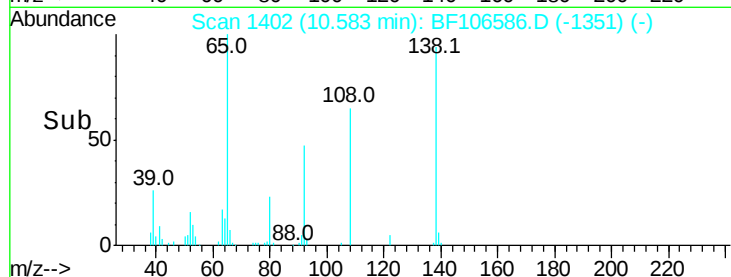
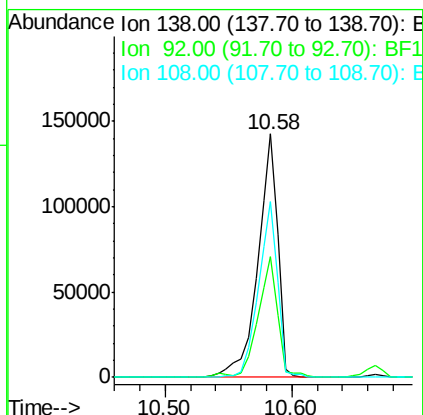
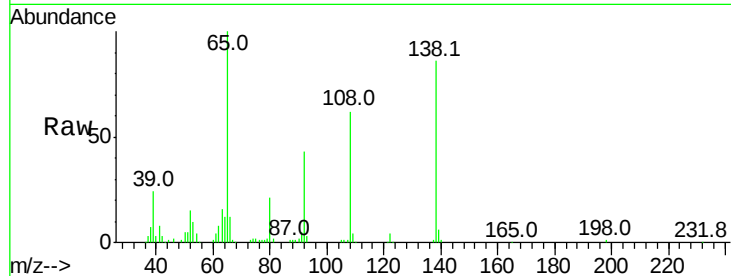
#61
4-Nitroaniline
Concen: 38.510 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.2	70.2
108	72.2	52.5	92.5

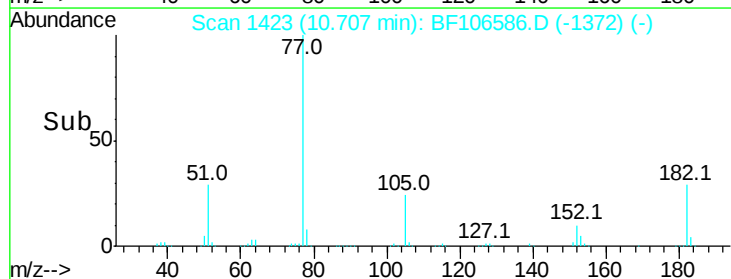
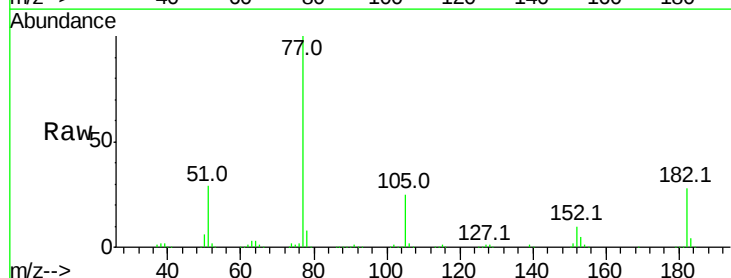
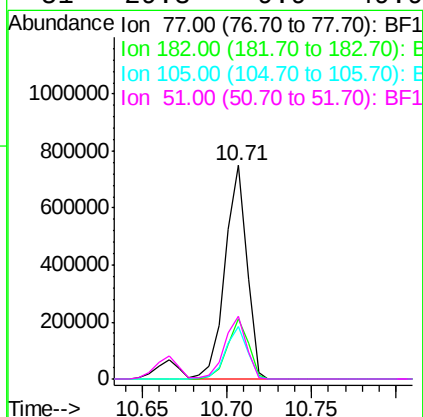
Manual Integrations
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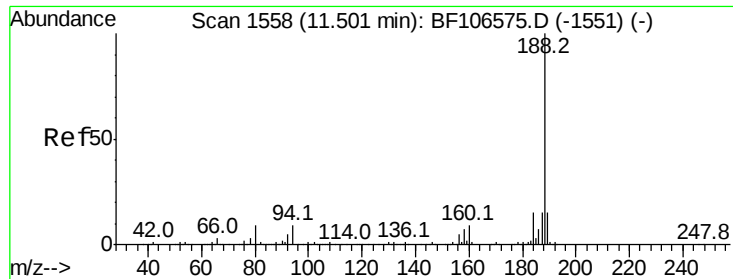
Sohil
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#62
Azobenzene
Concen: 41.672 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	24.8	3.0	43.0
51	29.3	9.9	49.9





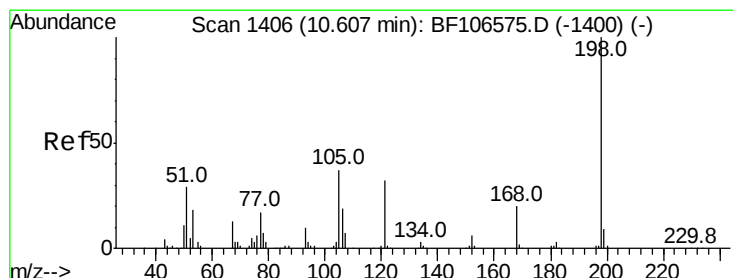
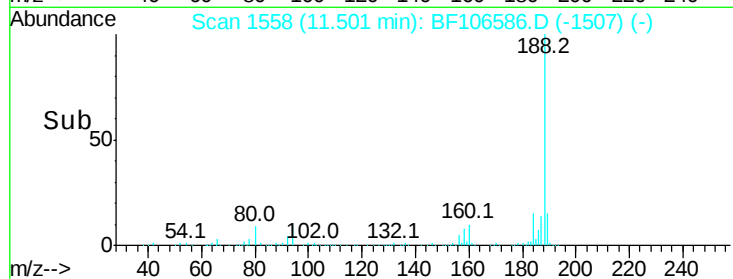
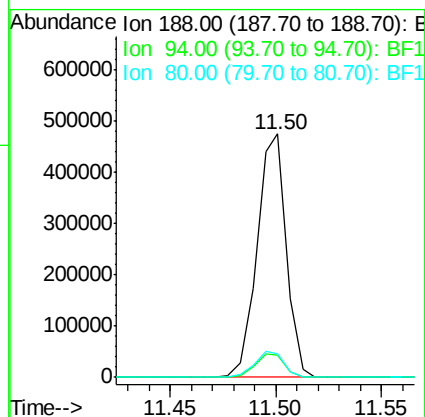
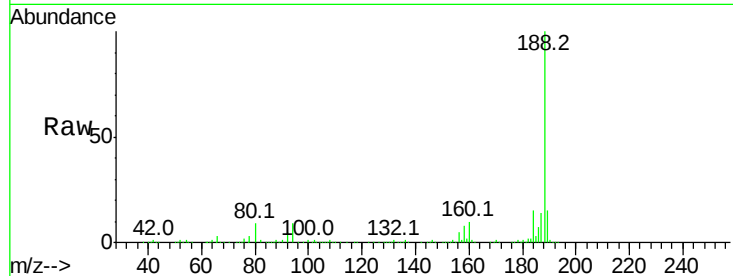
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	8.5	12.7
80	9.4	9.2	13.8

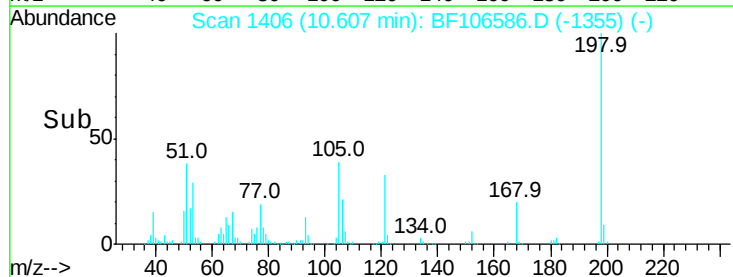
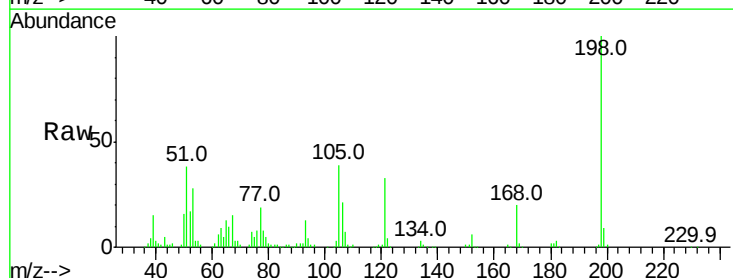
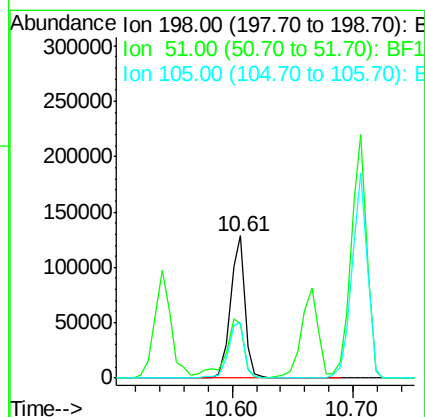
Manual Integrations
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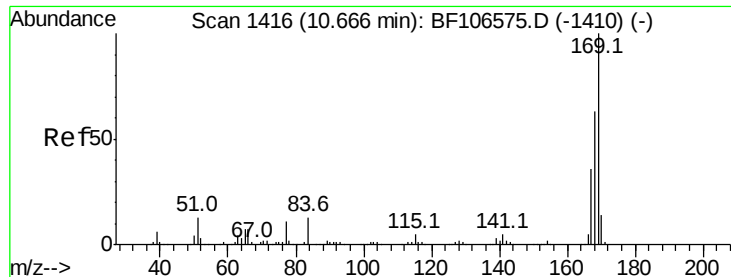
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.007 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.3	37.7	77.7
105	38.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.098 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

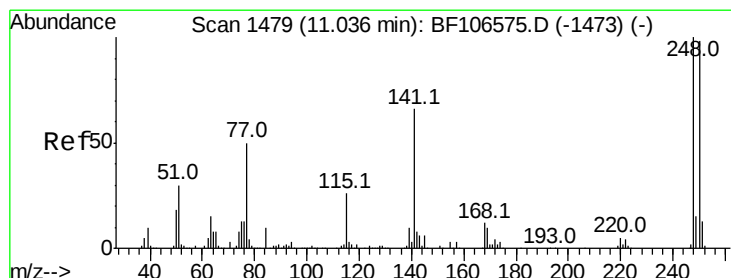
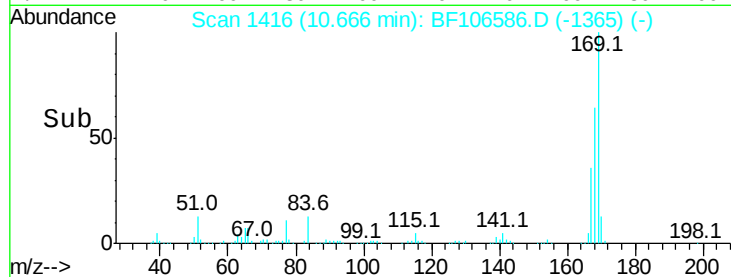
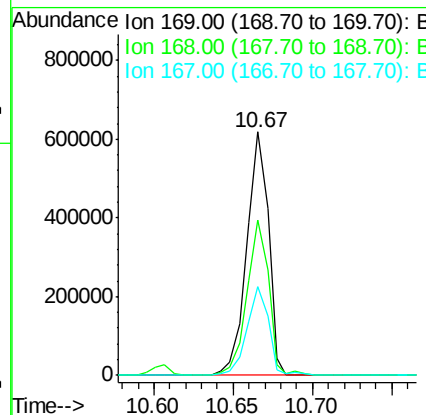
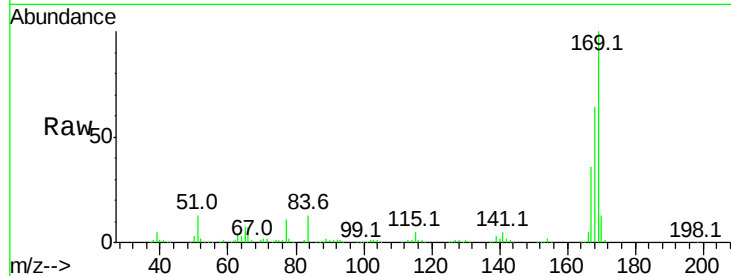
ClientSampleId :

PB110378BS

Tot Ion:	169	Resp:	584489
Ion Ratio	Lower	Upper	
169	100		
168	63.8	54.4	81.6
167	36.3	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 41.185 ng

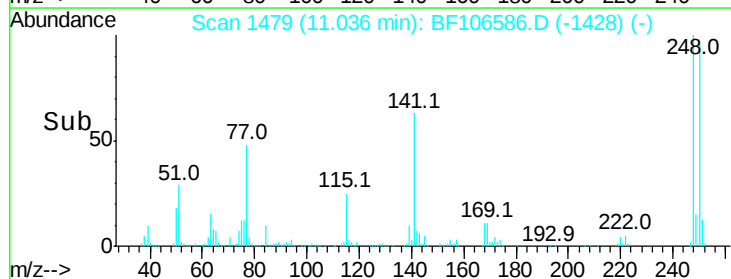
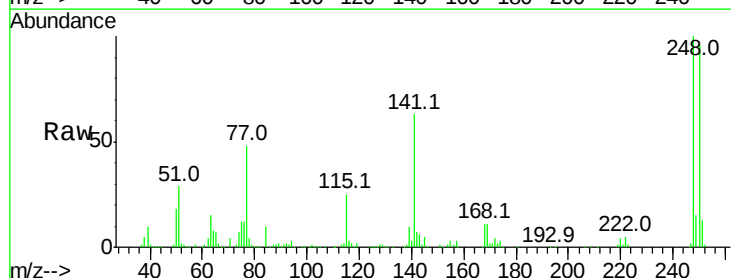
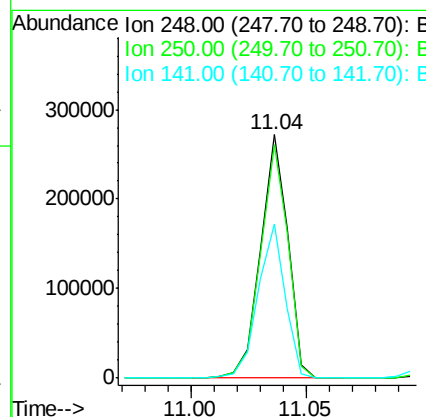
RT: 11.04 min Scan# 1479

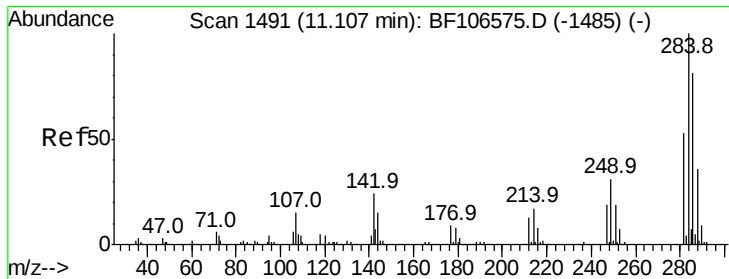
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	248	Resp:	224191
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.9	115.3
141	63.3	74.4	111.6#





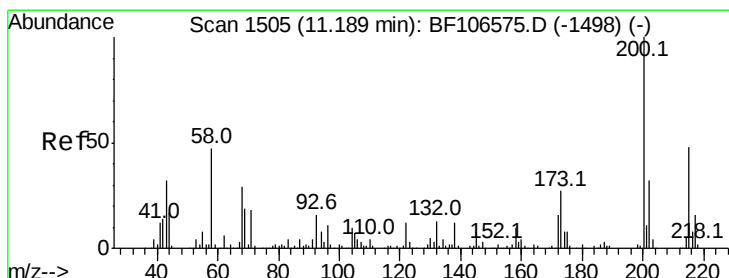
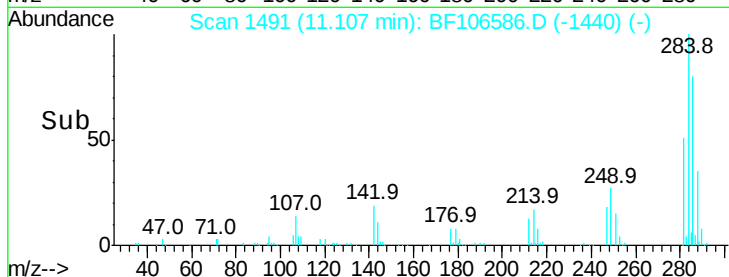
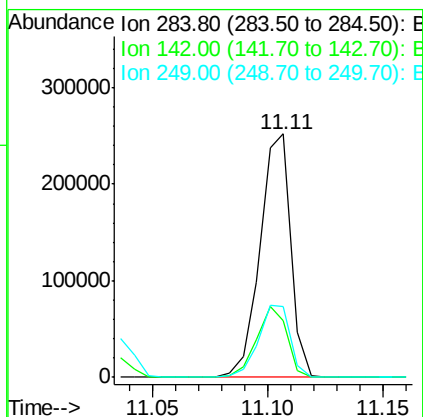
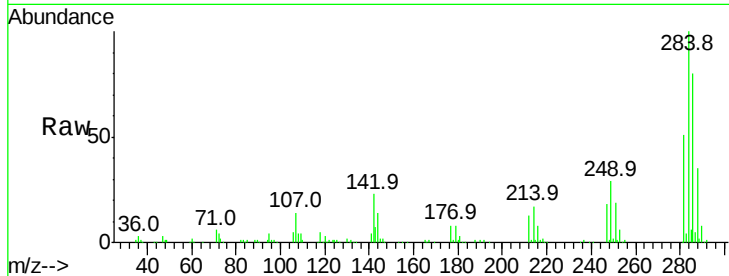
#67
Hexachlorobenzene
Concen: 41.160 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	234502		
142	23.4	34.6	52.0#	
249	29.3	24.8	37.2	

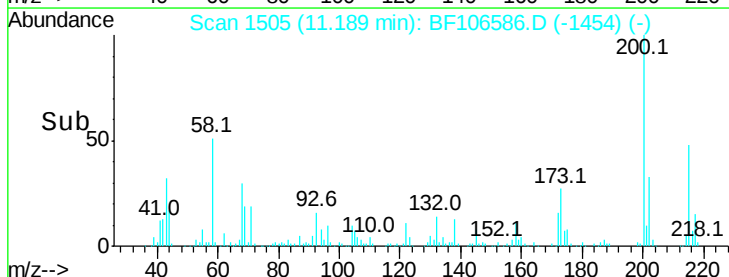
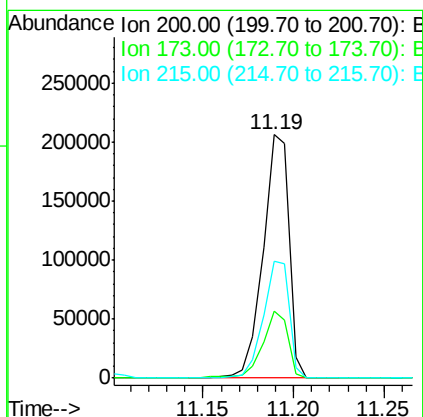
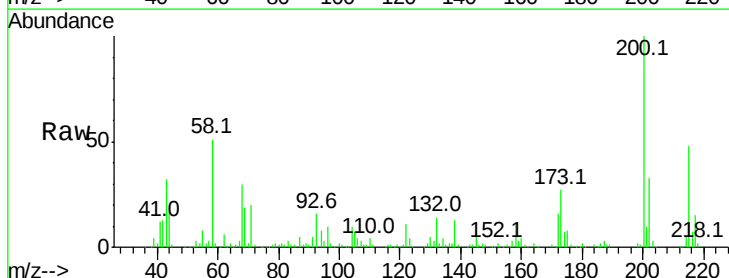
Manual Integrations
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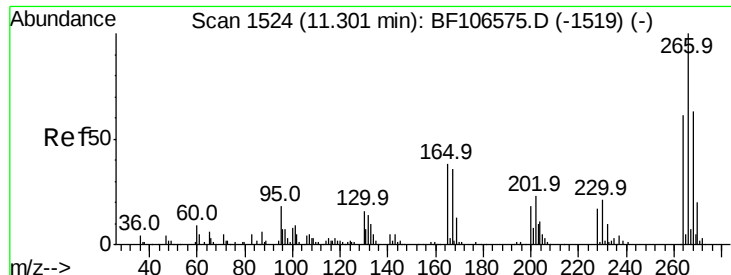
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#68
Atrazine
Concen: 42.055 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	205109		
173	27.4	8.6	48.6	
215	47.8	25.1	65.1	





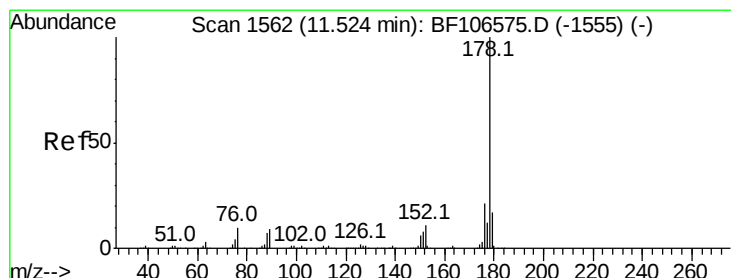
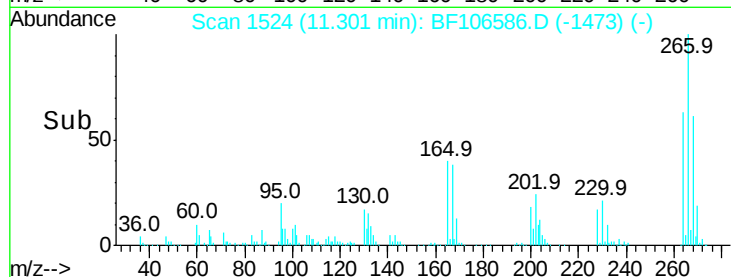
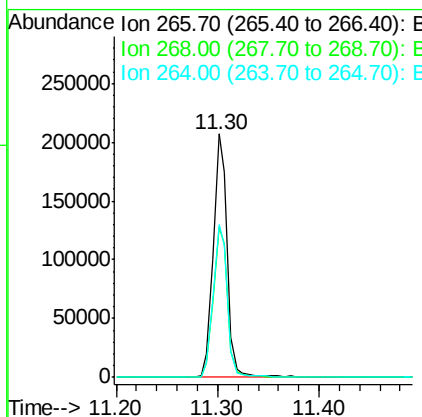
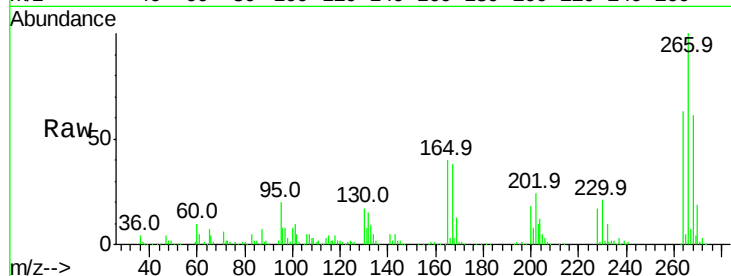
#69
 Pentachlorophenol
 Concen: 69.890 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB110378BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	198682		
268	61.4		51.1	76.7
264	62.8		49.5	74.3

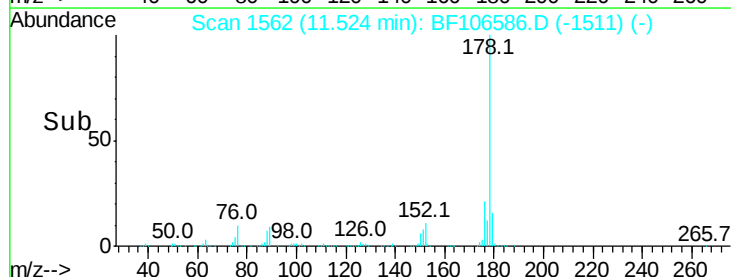
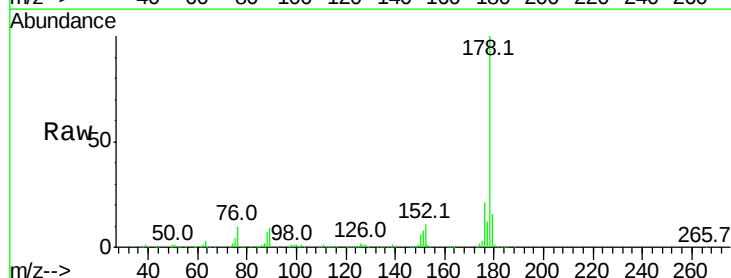
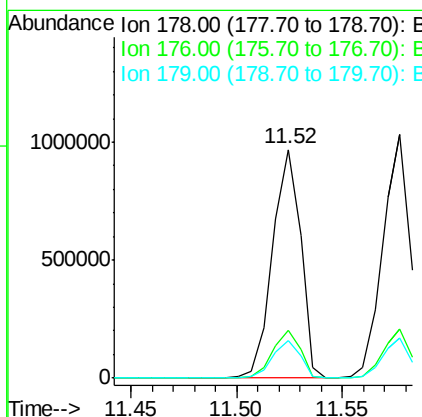
Manual Integrations
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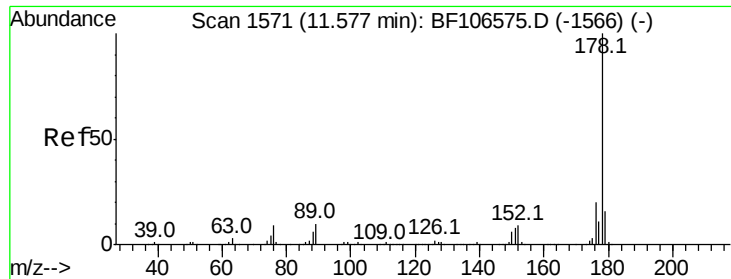
Sohil
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#70
 Phenanthrene
 Concen: 41.000 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	901983		
176	21.0		15.8	23.8
179	16.3		13.0	19.6





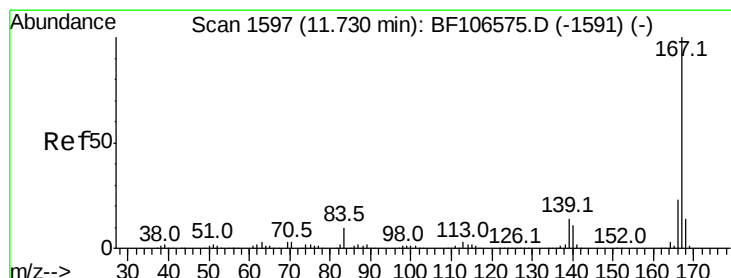
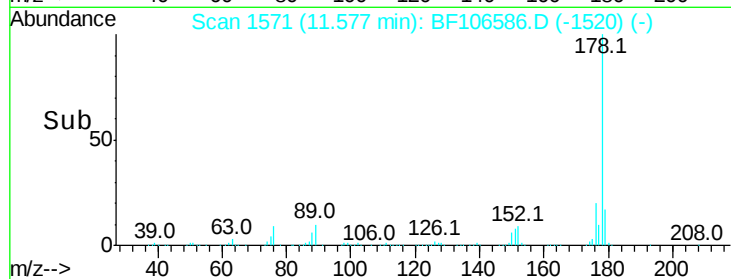
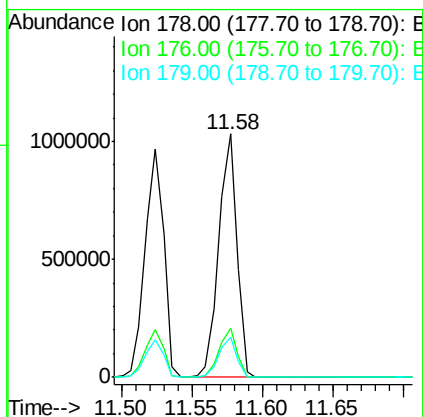
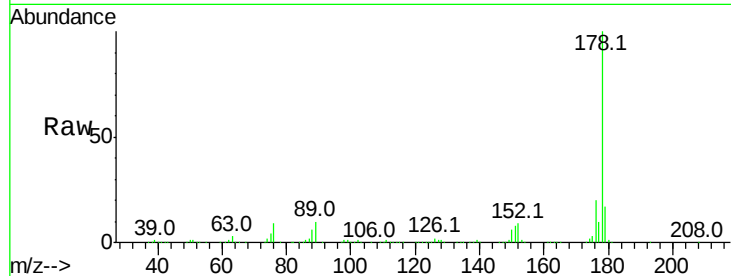
#71
 Anthracene
 Concen: 41.260 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.6	12.6	19.0

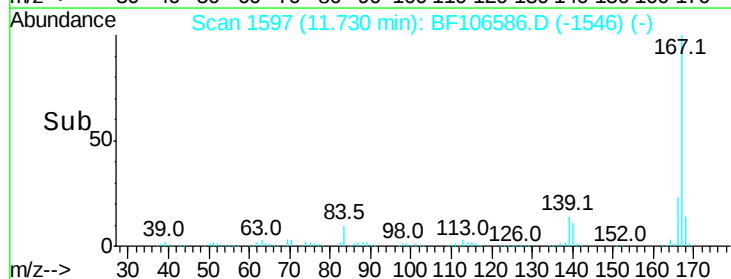
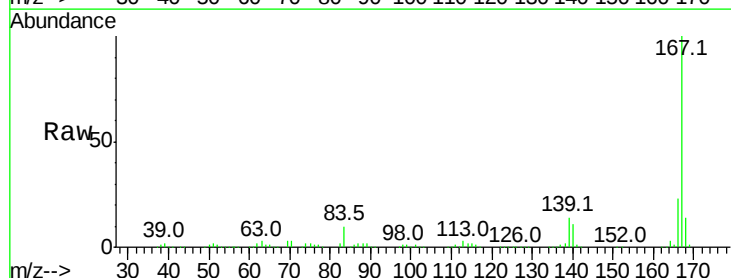
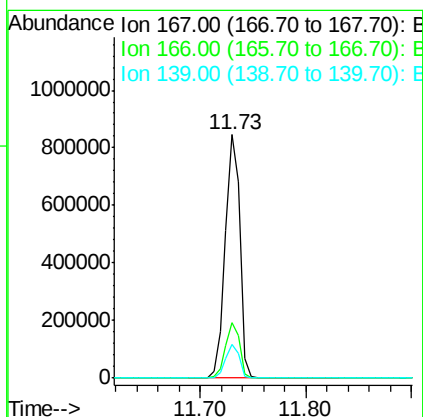
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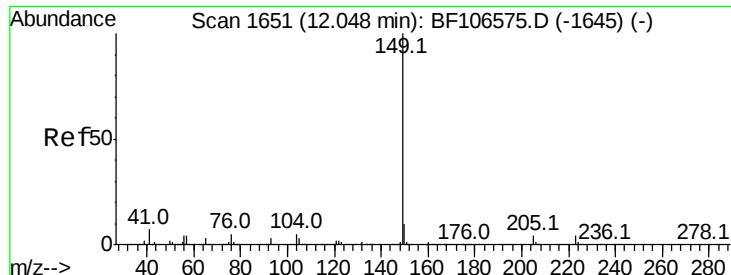
Sohil
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#72
 Carbazole
 Concen: 38.805 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.1	10.9	16.3





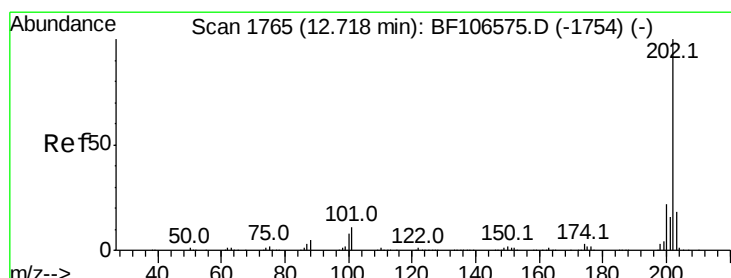
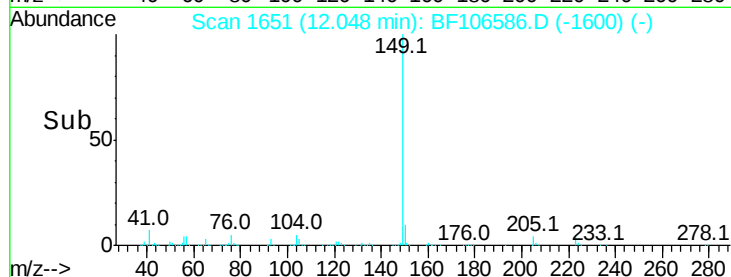
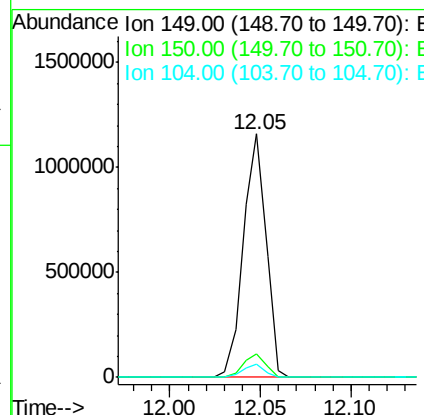
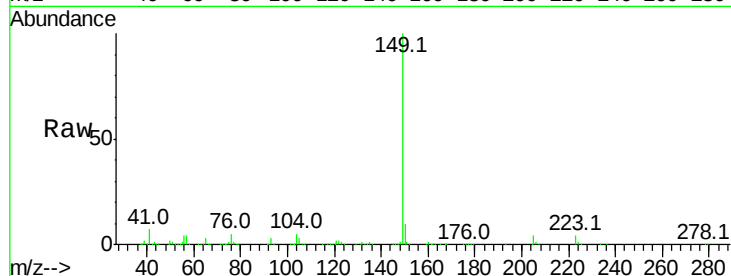
#73
Di-n-butylphthalate
Concen: 40.629 ng
RT: 12.05 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.2	3.8	5.8

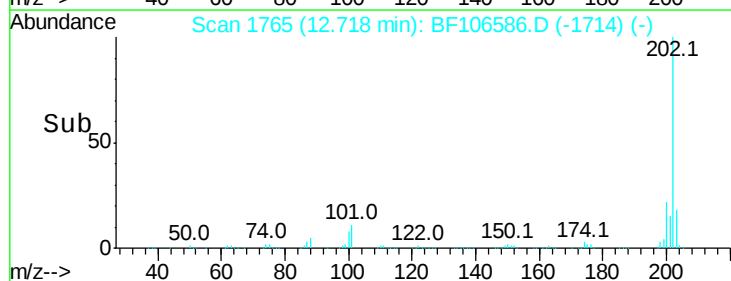
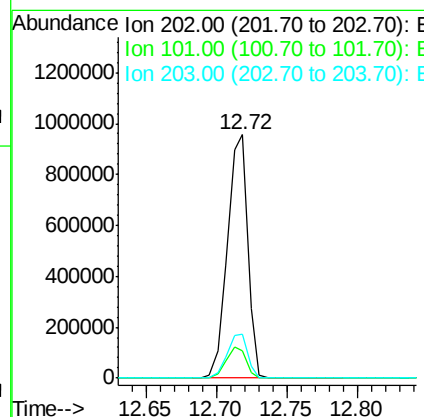
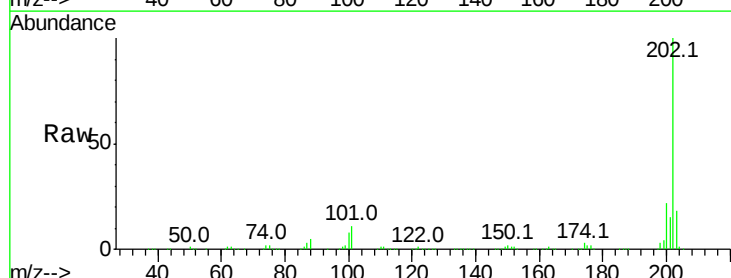
Manual Integrations
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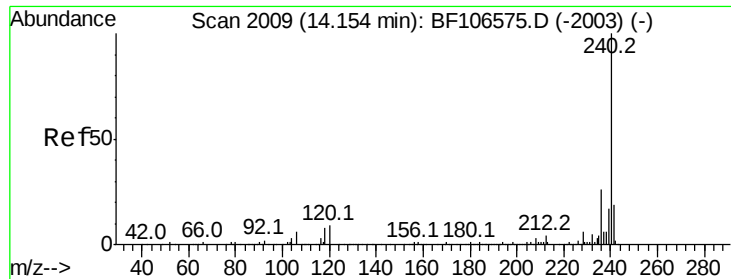
Sohil
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#74
Fluoranthene
Concen: 39.420 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

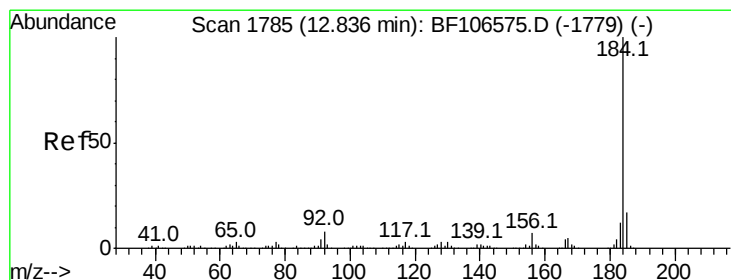
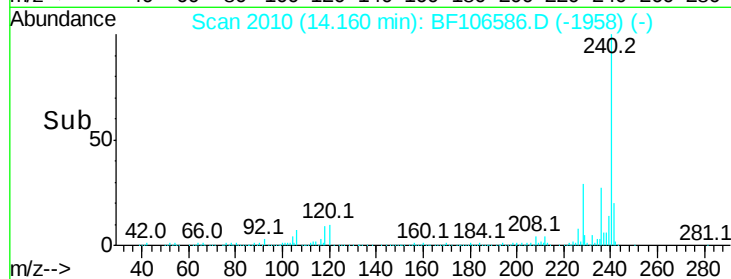
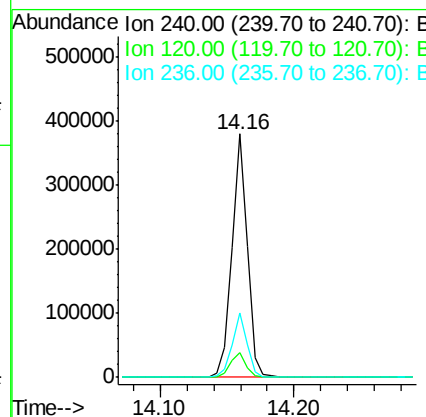
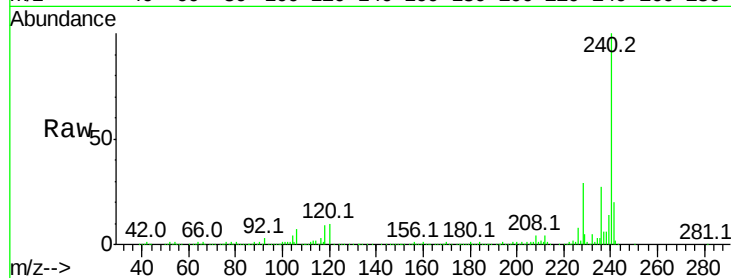
ClientSampled :

PB110378BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
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6/20/2018 4:58:32 PM



#76

Benzidine

Concen: 35.424 ng

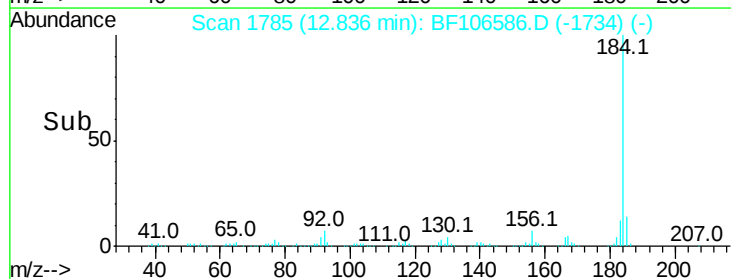
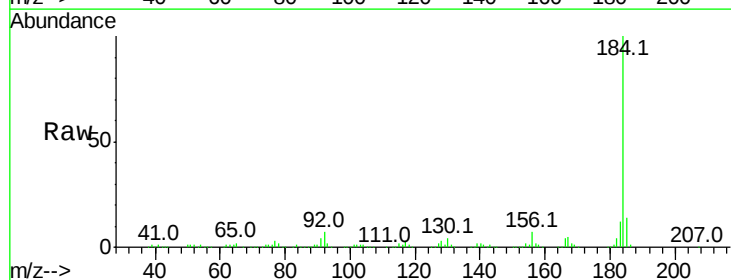
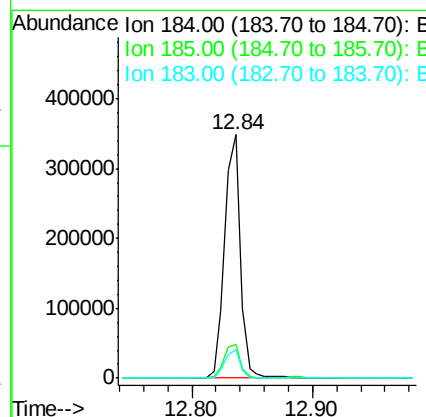
RT: 12.84 min Scan# 1785

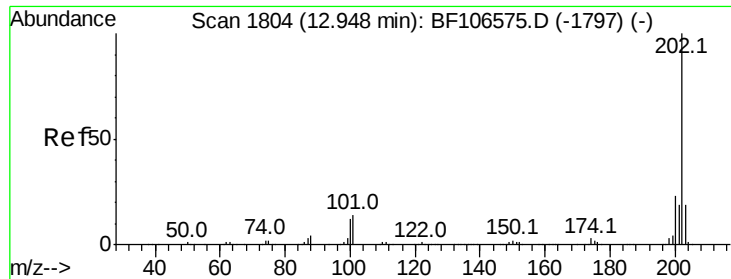
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.6	9.3	13.9





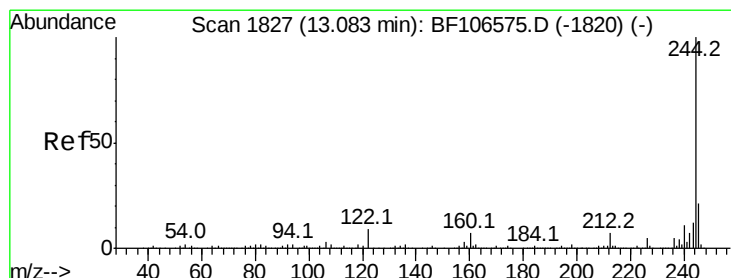
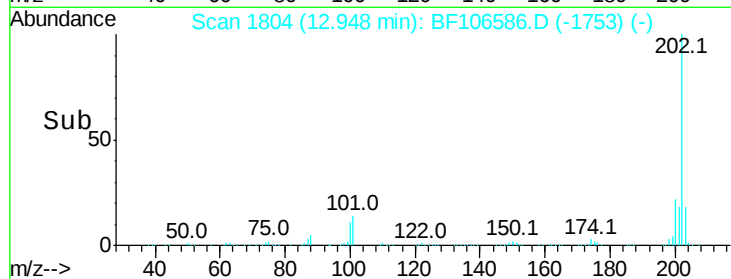
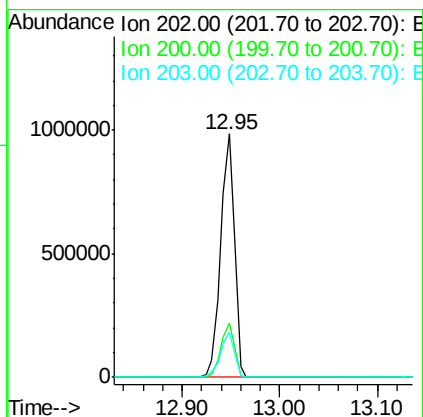
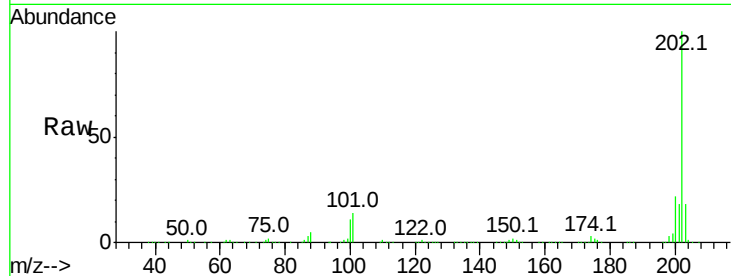
#77
Pvrene
Concen: 47.325 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.5	14.3	21.5

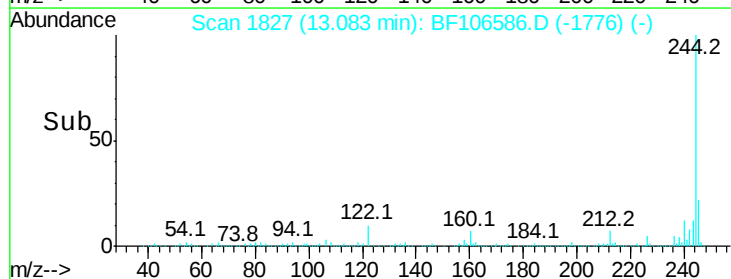
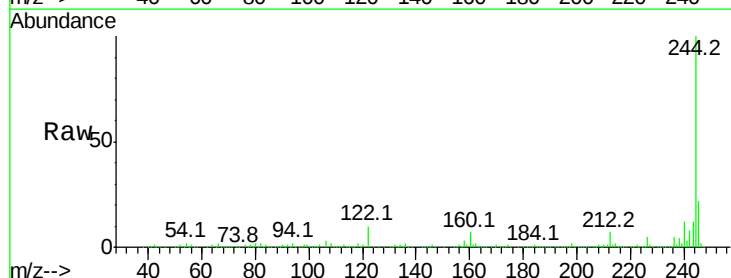
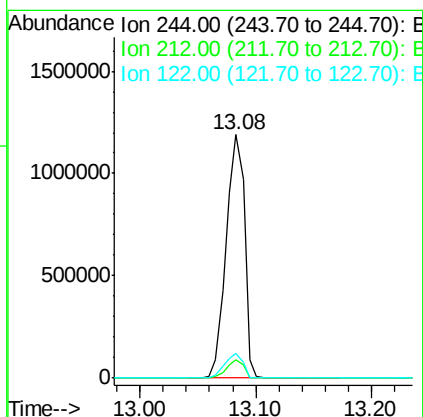
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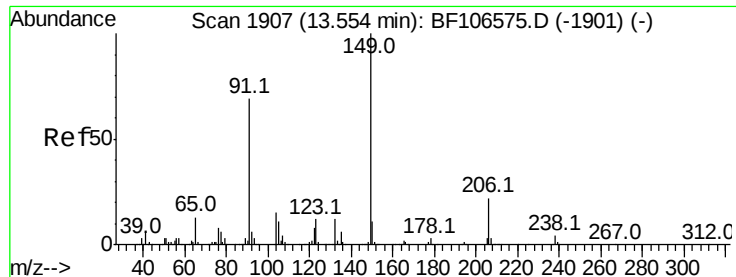
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#78
Terphenyl-d14
Concen: 101.997 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.0	11.0	16.4#





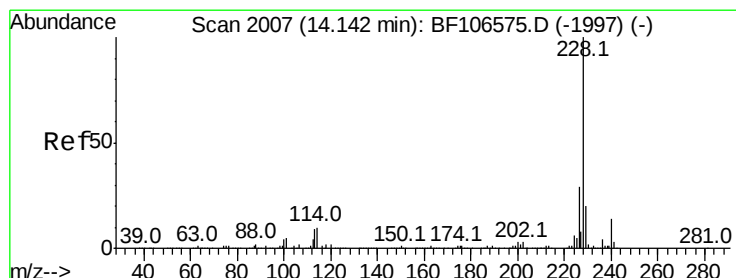
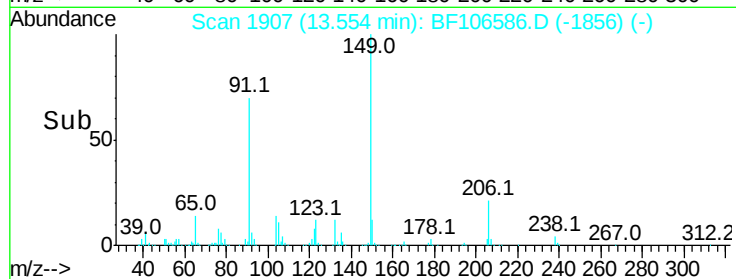
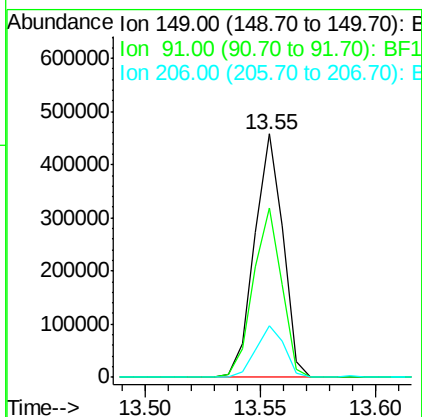
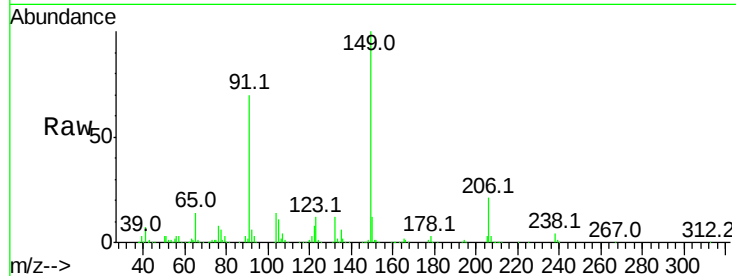
#79
Butylbenzylphthalate
Concen: 46.876 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.7	56.8	85.2
206	21.4	14.1	21.1

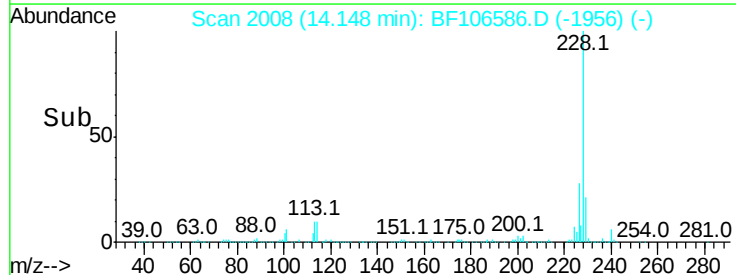
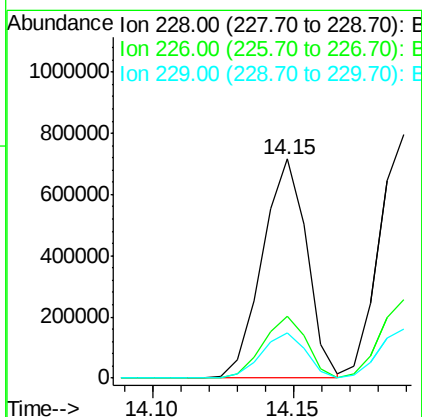
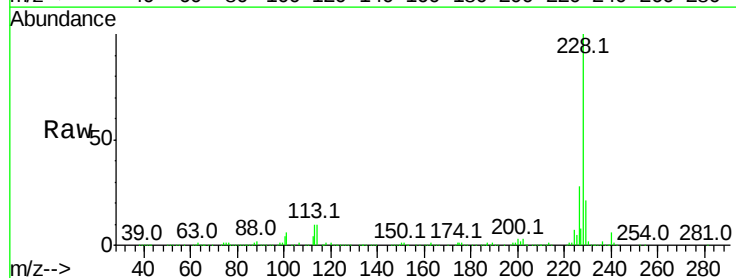
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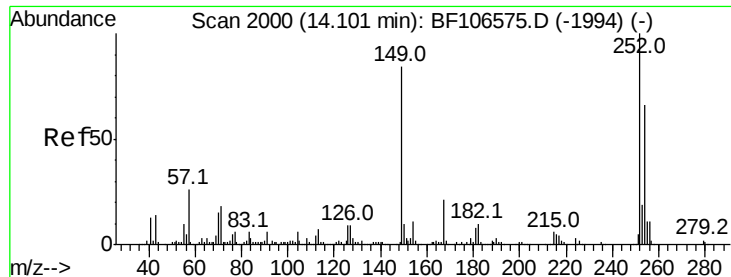
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#80
Benzo(a)anthracene
Concen: 41.162 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.6	33.8
229	20.6	15.8	23.6





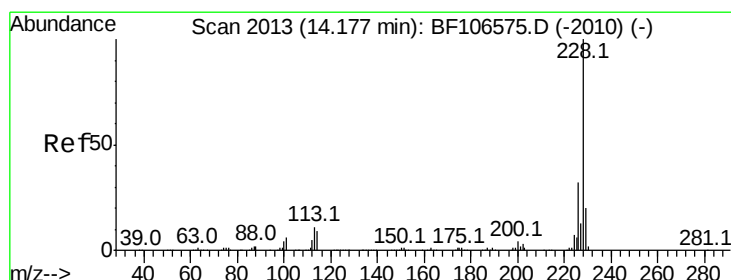
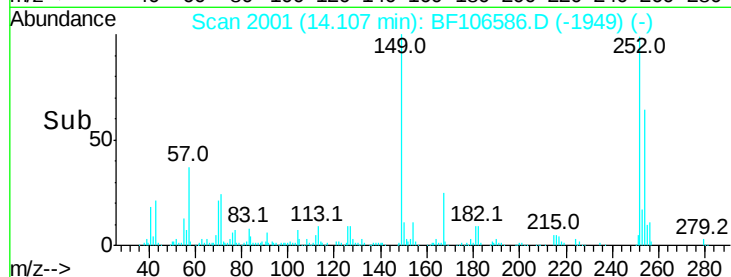
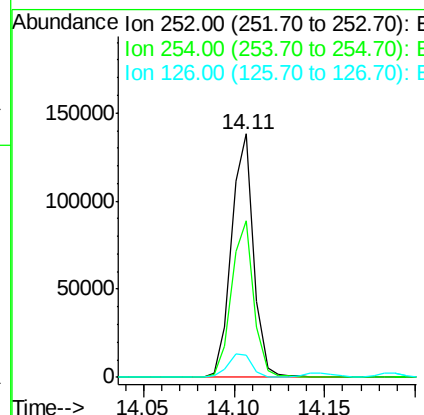
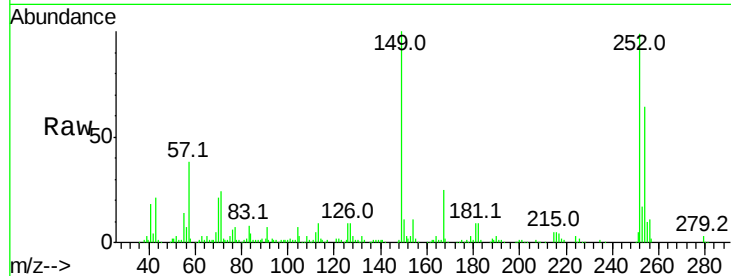
#81
 3,3'-Dichlorobenzidine
 Concen: 17.657 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	9.1	11.3	16.9

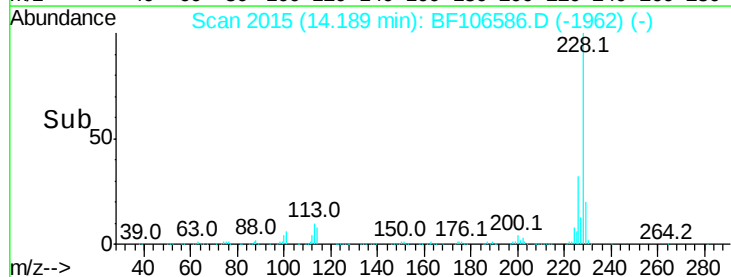
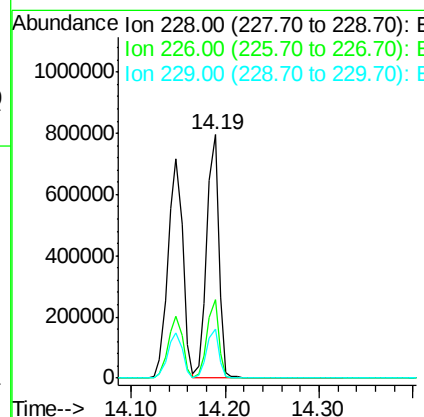
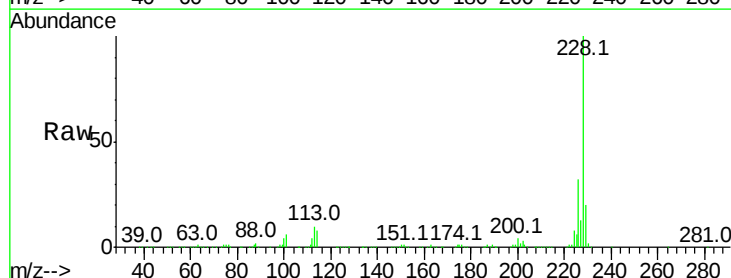
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#82
 Chrysene
 Concen: 41.175 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.981 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

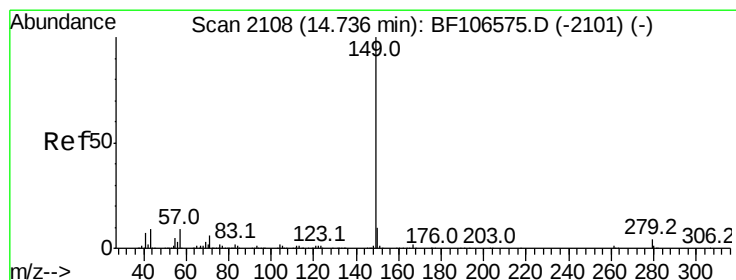
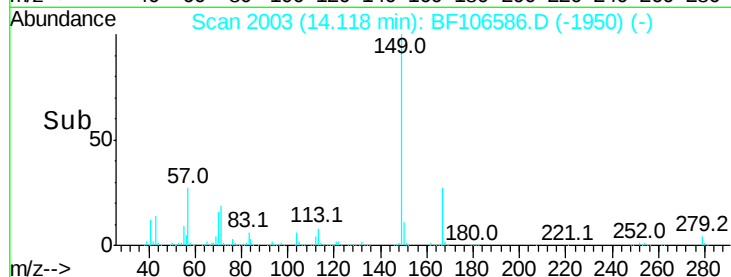
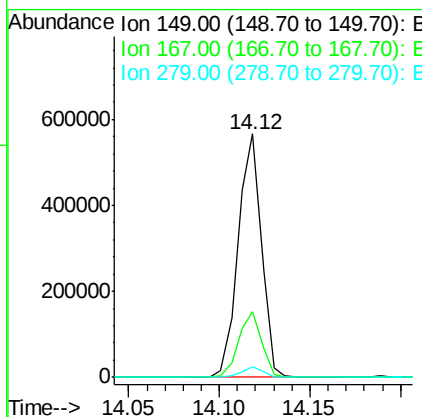
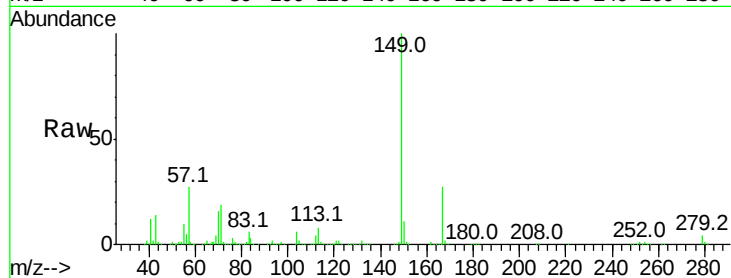
ClientSampleId :

PB110378BS

Tot Ion:	149	Resp:	505862
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.3	31.9
279	4.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 39.936 ng

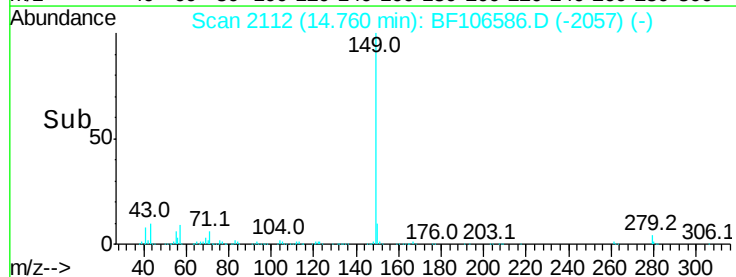
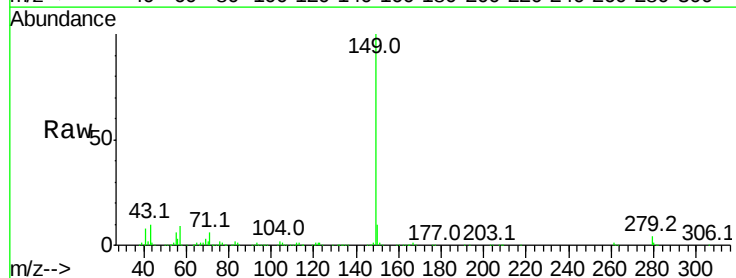
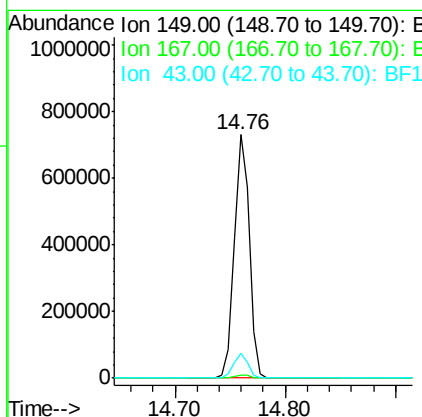
RT: 14.76 min Scan# 2112

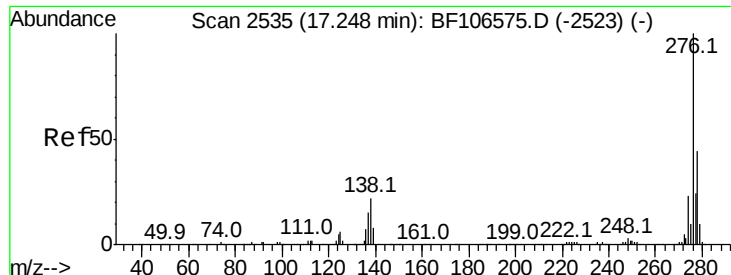
Delta R.T. 0.02 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	149	Resp:	700920
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.4	12.6





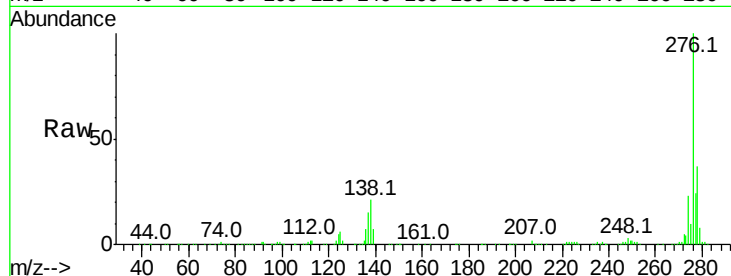
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.197 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.04 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

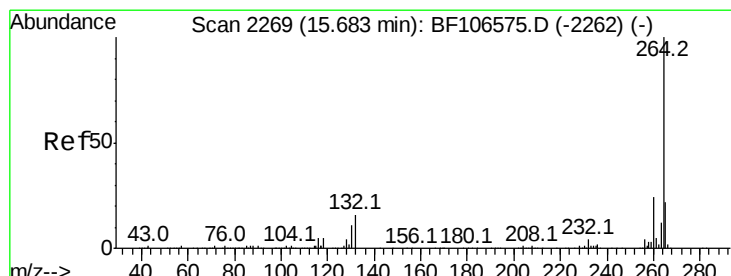
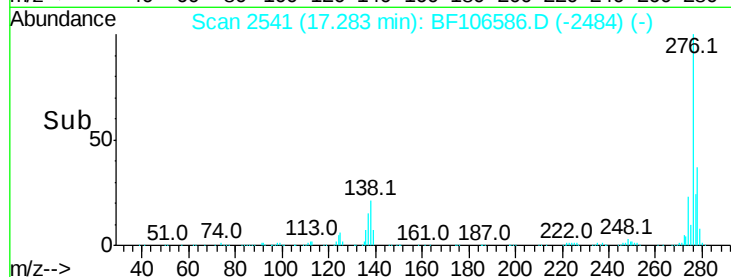
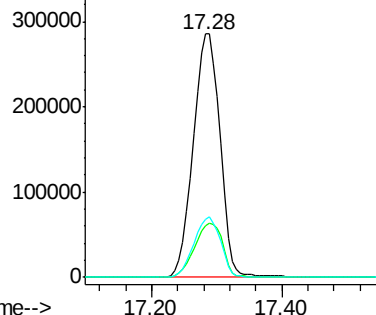
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	24.9	20.1	30.1

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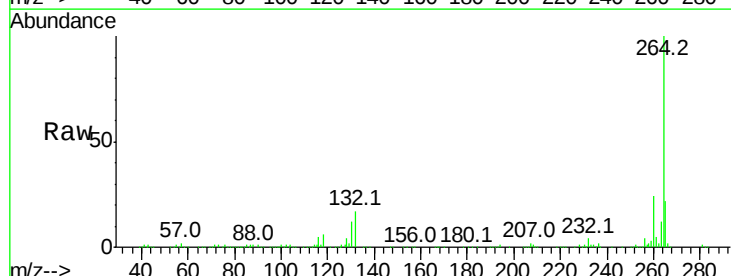


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

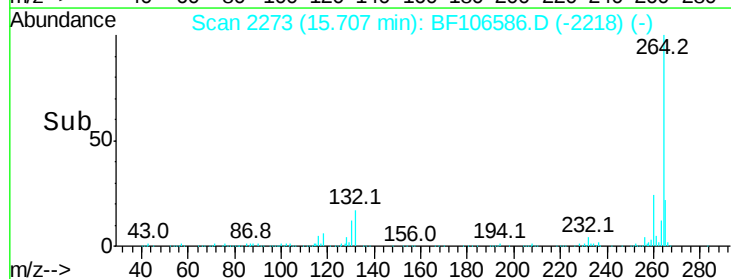
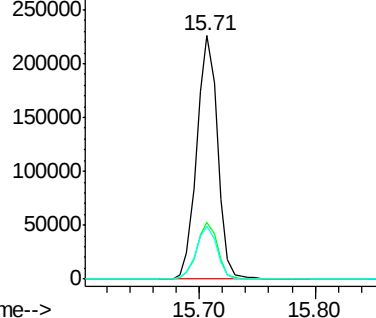


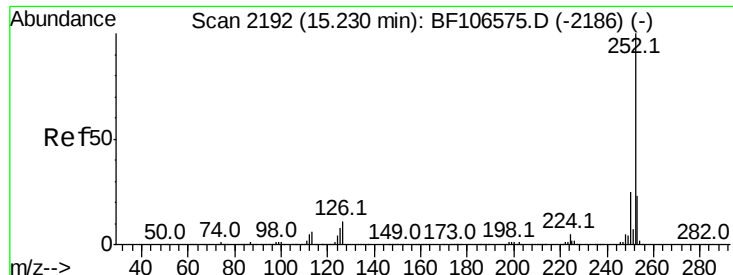
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	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





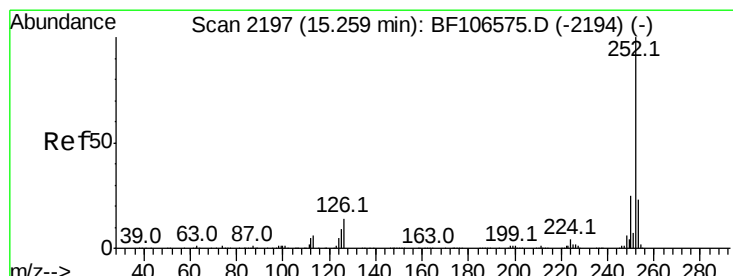
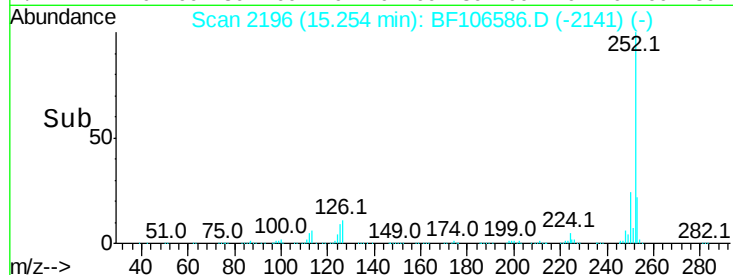
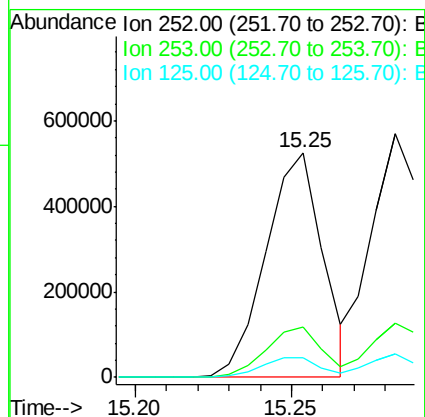
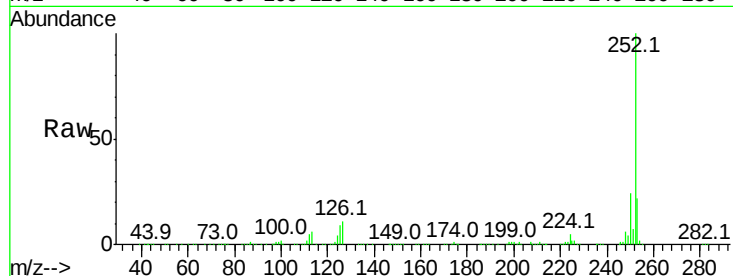
#87
Benzo(b)fluoranthene
Concen: 37.745 ng m
RT: 15.25 min Scan# 2196
Delta R.T. 0.02 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.6	9.0	13.6#

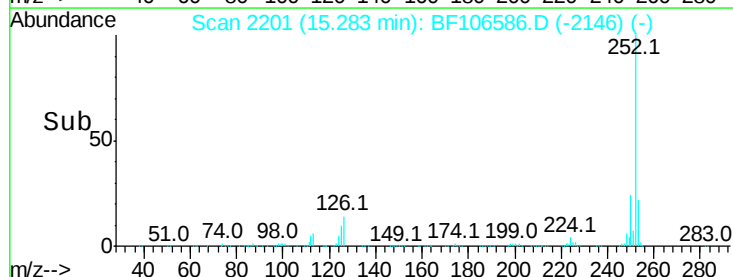
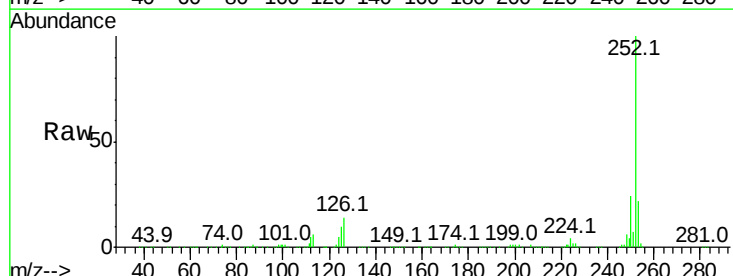
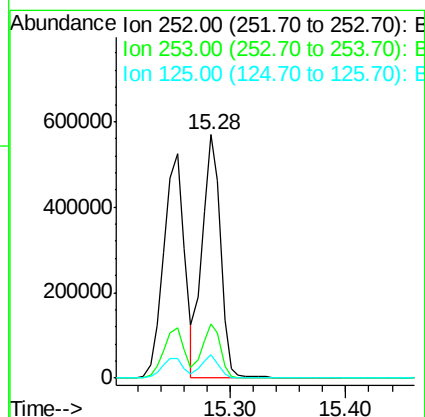
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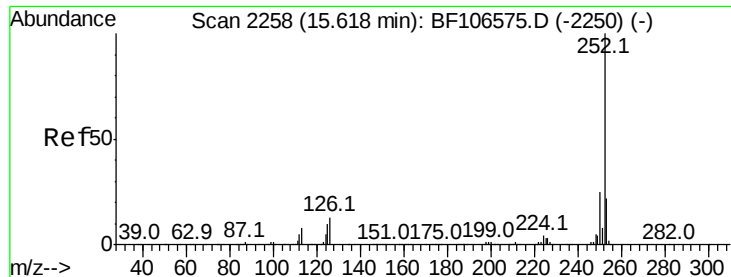
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#88
Benzo(k)fluoranthene
Concen: 37.993 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.5	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 41.010 ng

RT: 15.64 min Scan# 2262

Delta R.T. 0.02 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

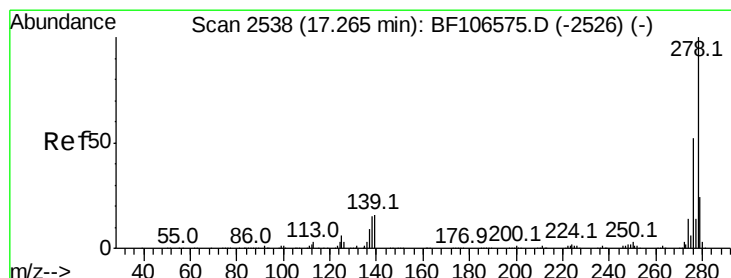
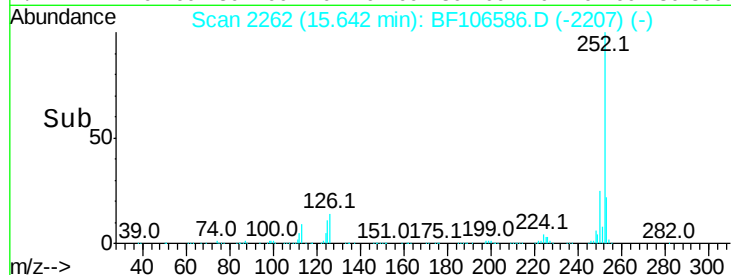
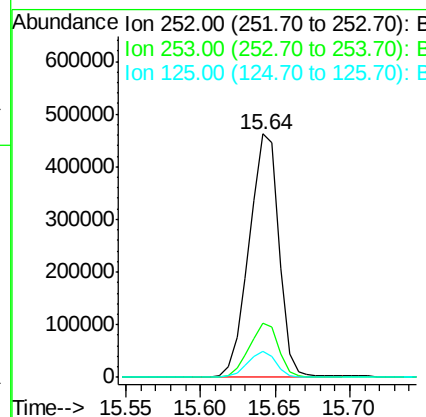
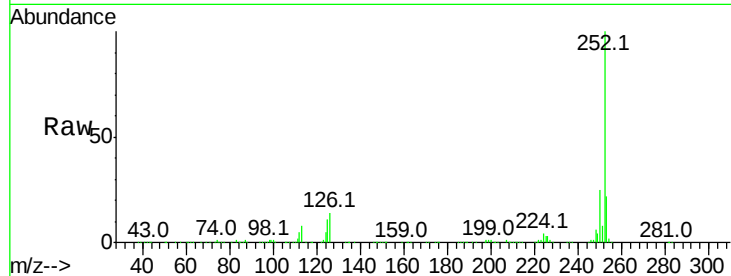
ClientSampleId :

PB110378BS

Tot Ion:	252	Resp:	638965
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.6	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 51.006 ng

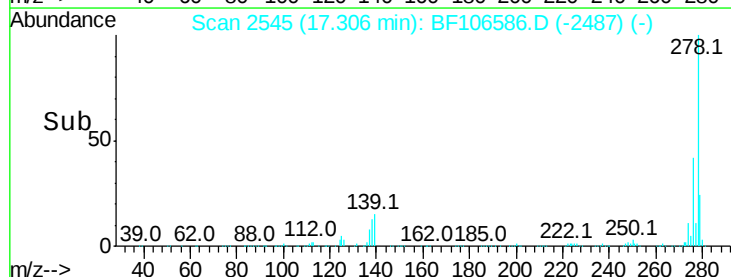
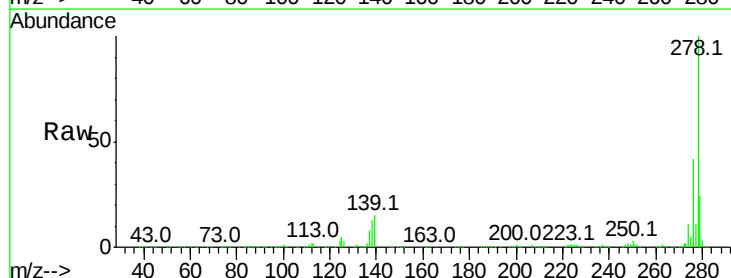
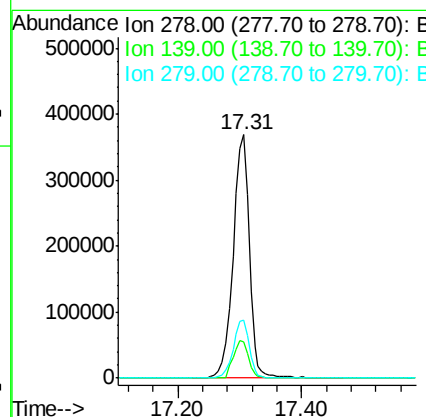
RT: 17.31 min Scan# 2545

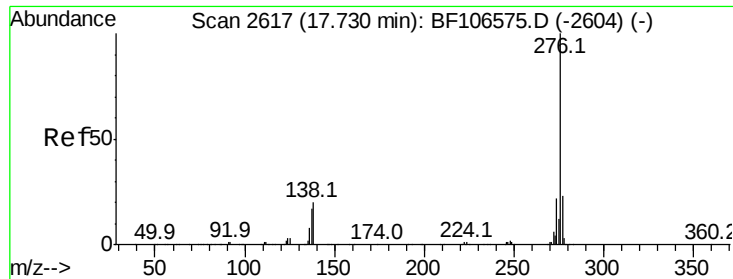
Delta R.T. 0.04 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:	278	Resp:	673515
Ion Ratio		Lower	Upper
278	100		
139	15.0	15.9	23.9#
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.749 ng
 RT: 17.77 min Scan# 2624
 Delta R.T. 0.04 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	20.6	21.8	32.8

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