

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106605.D
 Acq On : 20 Jun 2018 1:36
 Operator : JU/SJ
 Sample : J3554-09MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Manual Integrations
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 6/20/2018 4:58:43 PM

Quant Time: Jun 20 07:25:50 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	104407	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	373082	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	151186	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	235481	20.00	ng	0.00
75) Chrysene-d12	14.15	240	254358	20.00	ng	0.00
86) Perylene-d12	15.68	264	204360	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	737897	119.68	ng	0.01
7) Phenol-d6	6.61	99	938156	121.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	636332	94.79	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	202031	115.30	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	947101	110.45	ng	0.00
78) Terphenyl-d14	13.08	244	878505	83.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	116185	36.652	ng	97
3) Pyridine	3.65	79	263496	30.650	ng	97
4) n-Nitrosodimethylamine	3.61	42	148157	40.576	ng	89
6) Aniline	6.63	93	288435	27.615	ng	# 57
8) 2-Chlorophenol	6.76	128	280318	41.450	ng	98
9) Benzaldehyde	6.52	77	149511	25.914	ng	100
10) Phenol	6.62	94	350151	39.847	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	297120	40.957	ng	99
12) 1,3-Dichlorobenzene	6.91	146	324202	40.931	ng	99
13) 1,4-Dichlorobenzene	6.98	146	328630	41.038	ng	98
14) 1,2-Dichlorobenzene	7.14	146	300417	40.935	ng	97
15) Benzyl Alcohol	7.11	79	252872	40.900	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	439992	46.227	ng	93
17) 2-Methylphenol	7.22	107	240241	41.511	ng	# 92
18) Hexachloroethane	7.47	117	104534	37.121	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	191809	37.791	ng	94
20) 3+4-Methylphenols	7.37	107	271147	42.812	ng	# 71
22) Acetophenone	7.37	105	374539	44.872	ng	# 92
24) Nitrobenzene	7.55	77	312982	45.664	ng	98
25) Isophorone	7.78	82	564089	47.684	ng	99
26) 2-Nitrophenol	7.86	139	147215	45.499	ng	97
27) 2,4-Dimethylphenol	7.90	122	246152	49.220	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	362123	45.591	ng	99
29) 2,4-Dichlorophenol	8.11	162	240036	45.845	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	251491	43.602	ng	96
31) Naphthalene	8.27	128	753643	43.207	ng	99
32) Benzoic acid	8.01	122	111510	32.725	ng	94
33) 4-Chloroaniline	8.31	127	155482	21.244	ng	97
34) Hexachlorobutadiene	8.38	225	163835	43.593	ng	98
35) Caprolactam	8.69	113	67945m	39.811	ng	
36) 4-Chloro-3-methylphenol	8.81	107	237009	43.006	ng	96
37) 2-Methylnaphthalene	8.96	142	499566	43.210	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	251085	49.315	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	59699	22.790	ng	98

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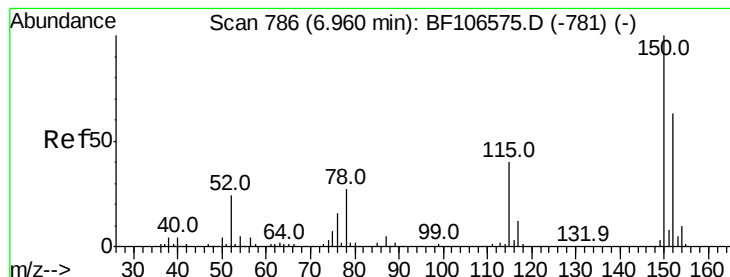
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	162808	48.106	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	163944	46.423	nq	94
45) 1,1'-Biphenyl	9.42	154	565983	46.974	nq	99
46) 2-Chloronaphthalene	9.45	162	436498	46.024	nq	97
47) 2-Nitroaniline	9.55	65	147184	46.150	nq	93
48) Acenaphthylene	9.87	152	660911	44.139	nq	99
49) Dimethylphthalate	9.72	163	652060	57.505	nq	99
50) 2,6-Dinitrotoluene	9.79	165	109488	45.599	nq	95
51) Acenaphthene	10.04	154	377842	40.072	nq	97
52) 3-Nitroaniline	9.96	138	90801	32.863	nq	99
53) 2,4-Dinitrophenol	10.07	184	15502	16.940	nq #	20
54) Dibenzofuran	10.21	168	546895	42.358	nq	98
55) 4-Nitrophenol	10.14	139	136527	70.790	nq	92
56) 2,4-Dinitrotoluene	10.20	165	130933	41.777	nq #	85
57) Fluorene	10.55	166	405084	39.538	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	121334	43.222	nq #	83
59) Diethylphthalate	10.42	149	476892	43.575	nq	96
60) 4-Chlorophenyl-phenylether	10.54	204	222766	41.555	nq	90
61) 4-Nitroaniline	10.58	138	98036	35.752	nq	95
62) Azobenzene	10.71	77	440692	40.891	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	16906	11.614	nq	77
65) n-Nitrosodiphenylamine	10.67	169	384965	48.604	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	136451	48.553	nq #	83
67) Hexachlorobenzene	11.10	284	133455	45.371	nq #	88
68) Atrazine	11.19	200	121419	48.222	nq	93
69) Pentachlorophenol	11.30	266	105941	72.184	nq	98
70) Phenanthrene	11.52	178	525116	46.234	nq	98
71) Anthracene	11.58	178	538919	46.487	nq	99
72) Carbazole	11.73	167	488579	45.015	nq	99
73) Di-n-butylphthalate	12.05	149	602266	47.101	nq	99
74) Fluoranthene	12.71	202	599116	47.858	nq	98
76) Benzidine	12.84	184	200167	27.632	nq	97
77) Pyrene	12.95	202	608334	36.268	nq	100
79) Butylbenzylphthalate	13.55	149	258953	37.550	nq #	95
80) Benzo(a)anthracene	14.14	228	664489	42.864	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	229215	42.070	nq #	95
82) Chrysene	14.18	228	617263	43.280	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	375903	42.635	nq	99
84) Di-n-octyl phthalate	14.74	149	679880	47.307	nq	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	430137	35.539	nq #	93
87) Benzo(b)fluoranthene	15.23	252	576846m	45.440	nq	
88) Benzo(k)fluoranthene	15.26	252	549243	45.433	nq #	97
89) Benzo(a)pyrene	15.62	252	503233	44.592	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	364507	38.112	nq #	95
91) Benzo(g,h,i)perylene	17.73	276	352960	37.757	nq #	92

(#) = 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

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Instrument :

BNA_F

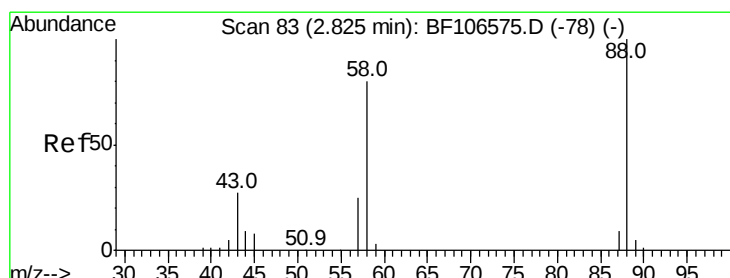
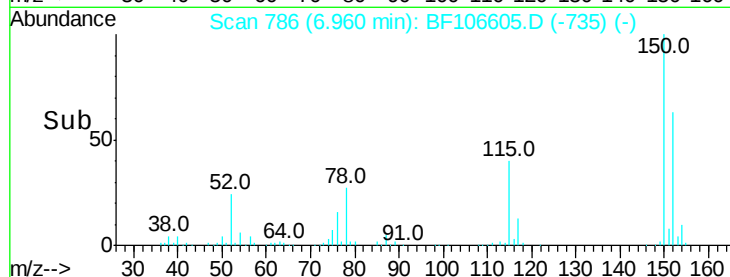
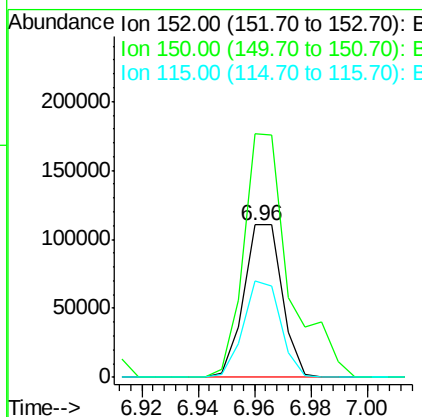
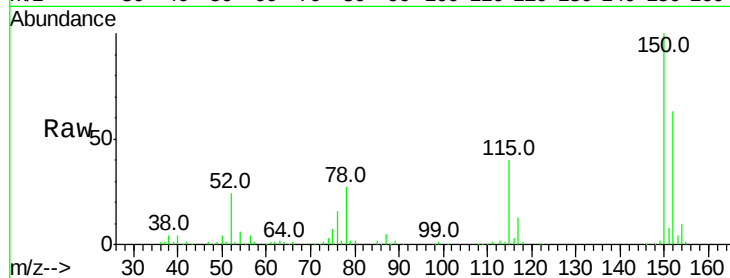
ClientSampleId :

A-8(3.0)MSD

Tot Ion:	152	Resp:	104407
Ion Ratio	Lower	Upper	
152	100		
150	159.5	124.6	186.8
115	63.2	50.1	75.1

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#2

1,4-Dioxane

Concen: 36.652 ng

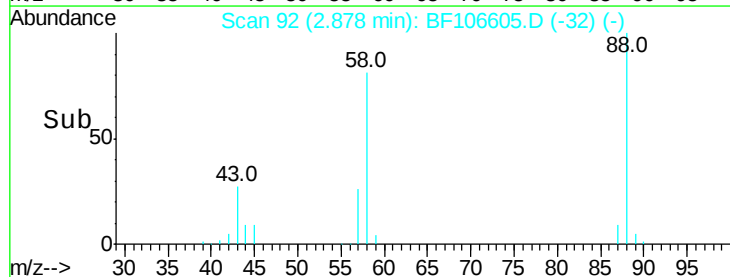
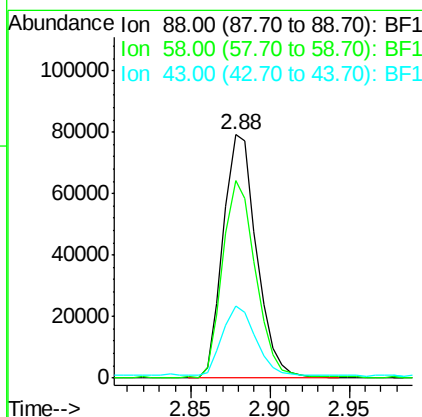
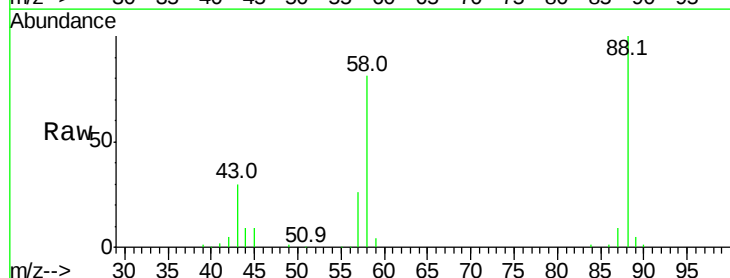
RT: 2.88 min Scan# 92

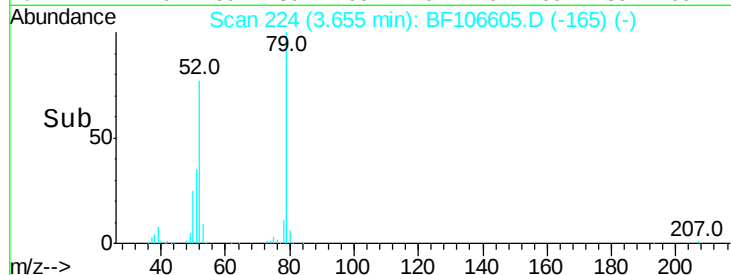
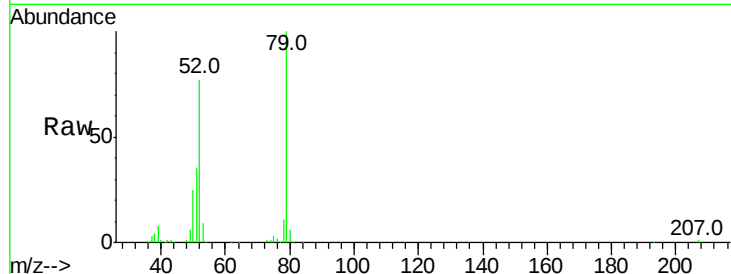
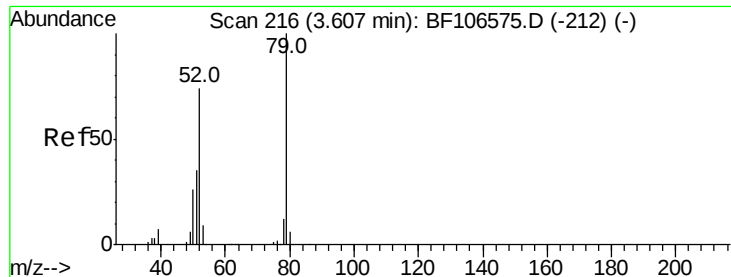
Delta R.T. 0.05 min

Lab File: BF106605.D

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Tgt Ion:	88	Resp:	116185
Ion Ratio	Lower	Upper	
88	100		
58	80.7	62.6	93.8
43	28.5	24.6	37.0





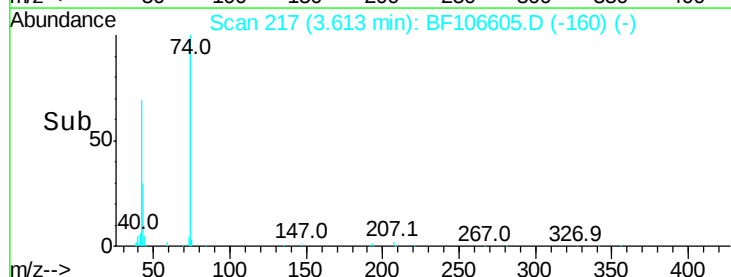
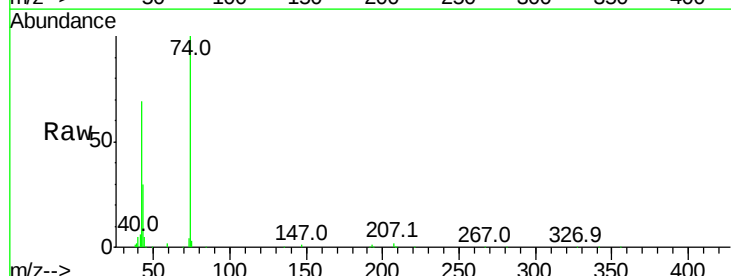
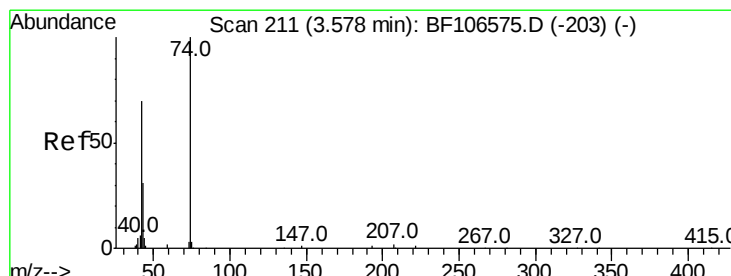
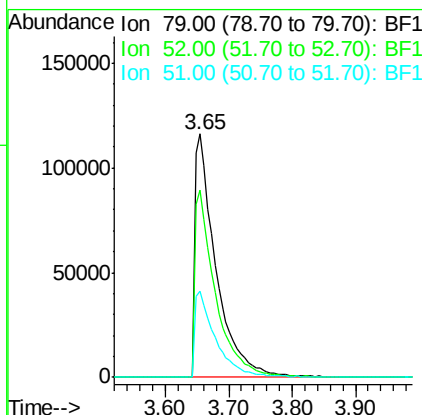
#3
 Pvridine
 Concen: 30.650 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.8	59.8	89.6
51	35.3	29.8	44.8

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 A-8(3.0)MSD

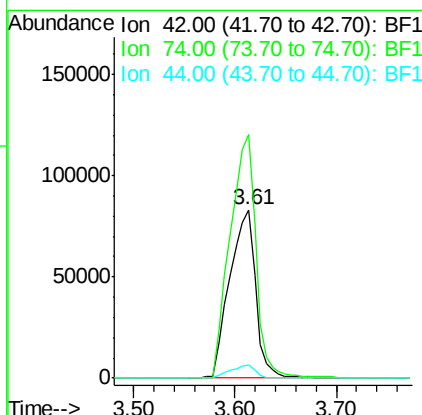
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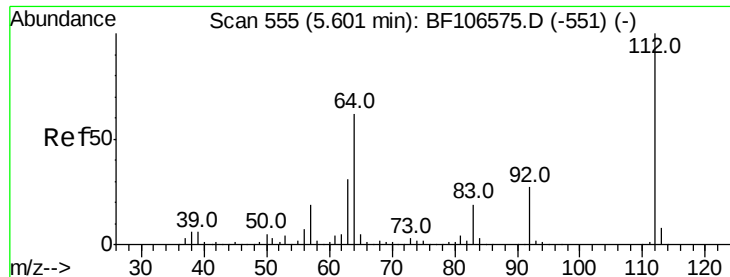
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#4
 n-Nitrosodimethylamine
 Concen: 40.576 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.04 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.4	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 119.675 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

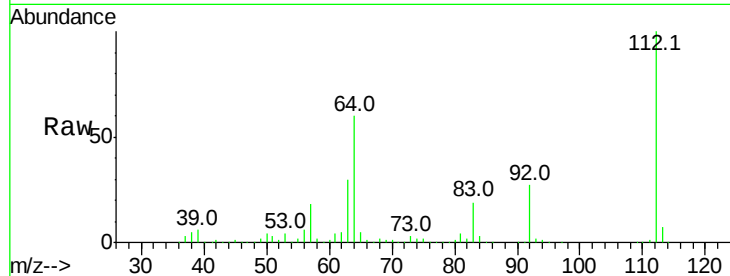
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A-8(3.0)MSD

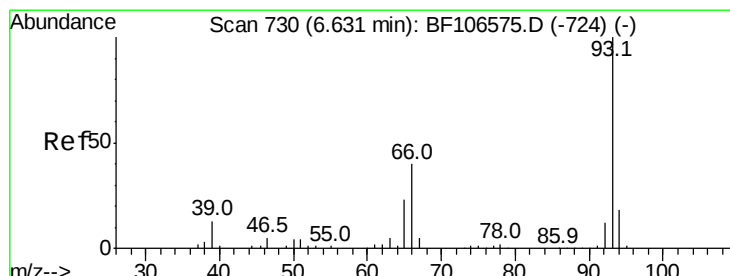
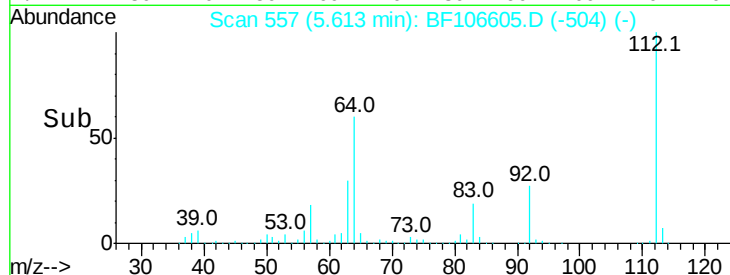
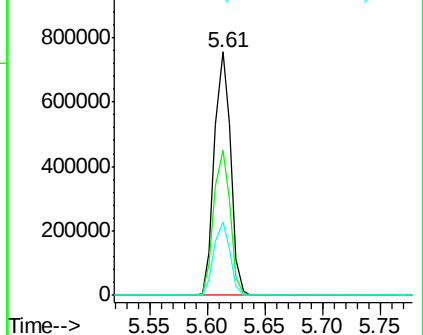
Tot Ion:	112	Resp:	737897
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.9	71.9
63	29.9	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.615 ng

RT: 6.63 min Scan# 730

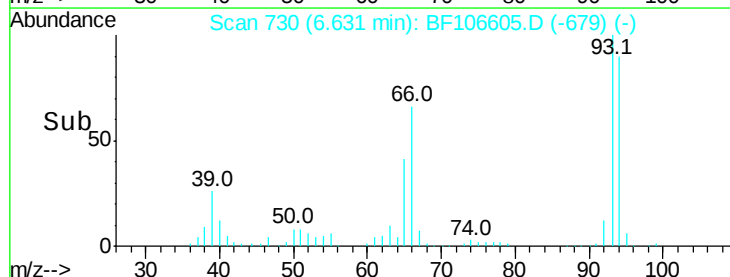
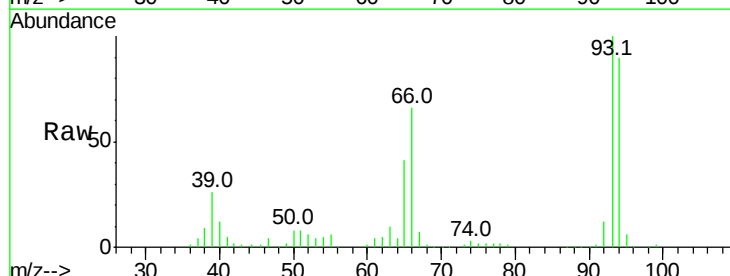
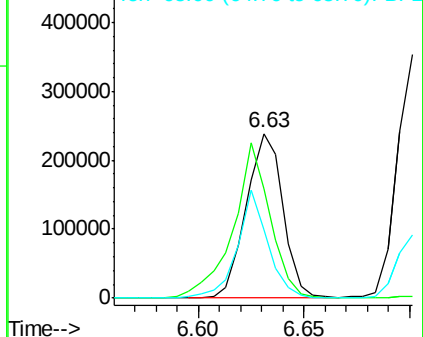
Delta R.T. 0.00 min

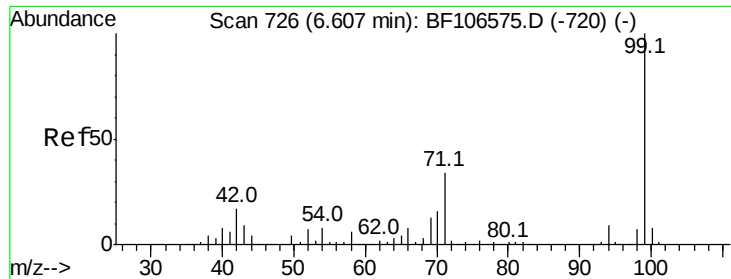
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Tgt Ion:	93	Resp:	288435
Ion Ratio	Lower	Upper	
93	100		
66	66.1	32.2	48.2#
65	41.2	16.4	24.6#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.840 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

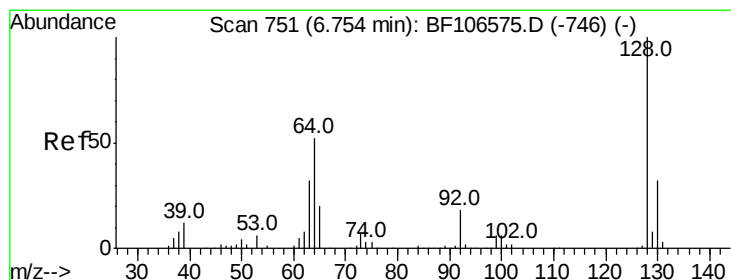
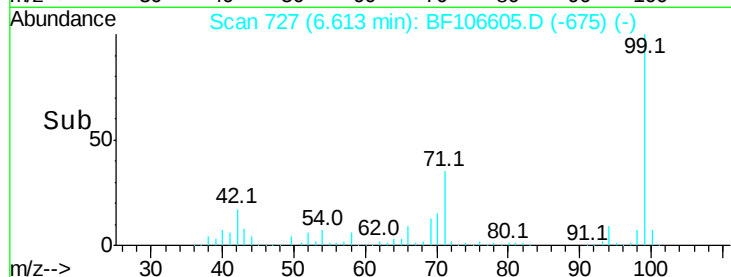
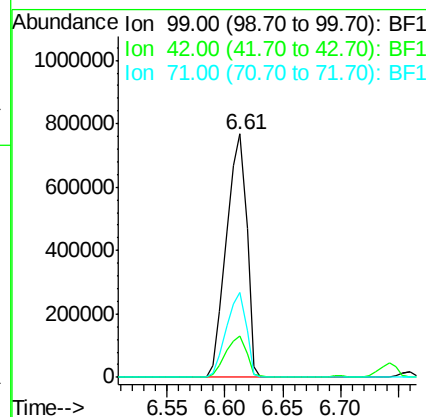
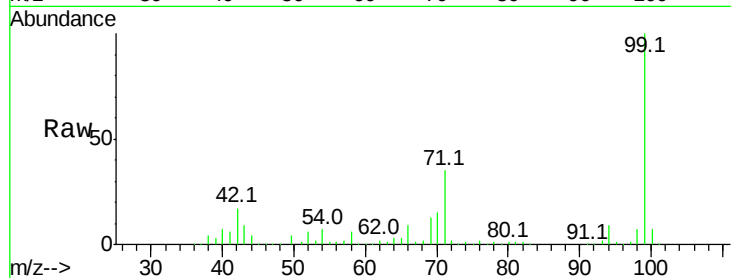
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Tot Ion:	99	Resp:	938156
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.5	21.7
71	35.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.450 ng

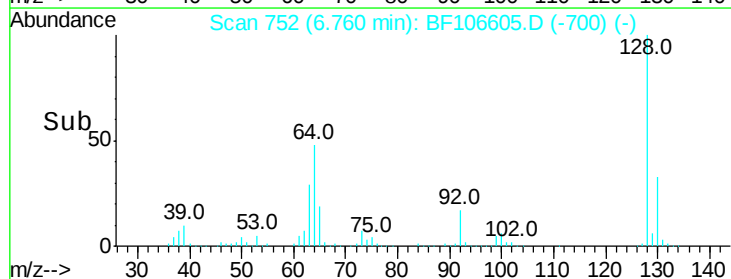
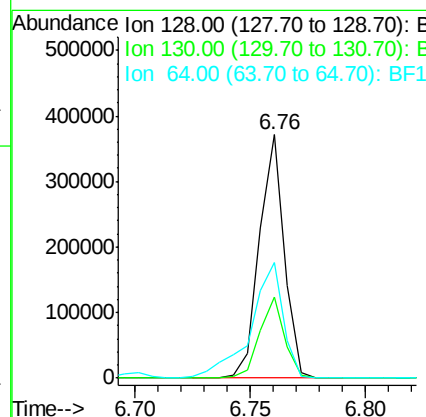
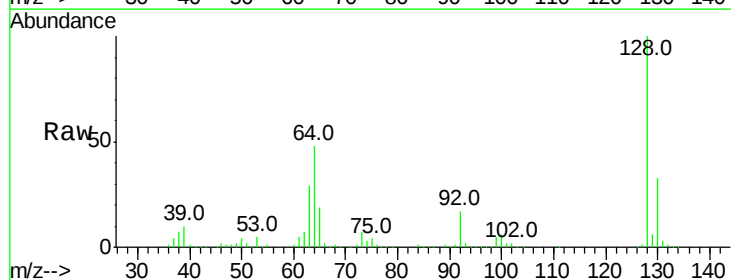
RT: 6.76 min Scan# 752

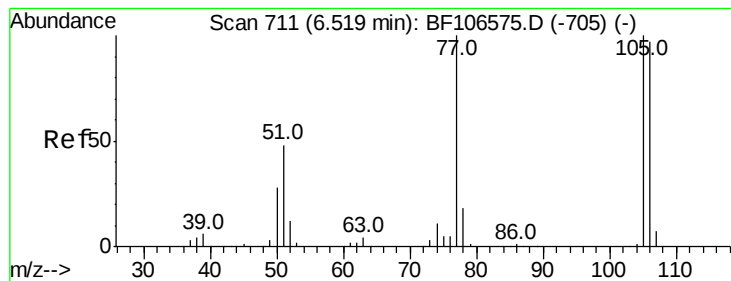
Delta R.T. 0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	128	Resp:	280318
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.0	53.0
64	47.5	29.4	69.4





#9

Benzaldehyde

Concen: 25.914 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

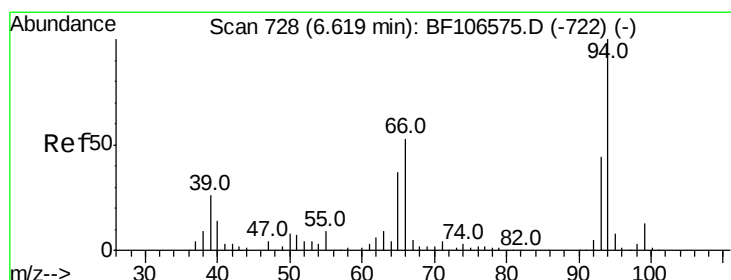
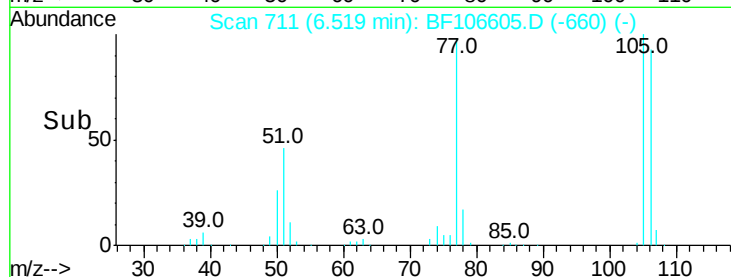
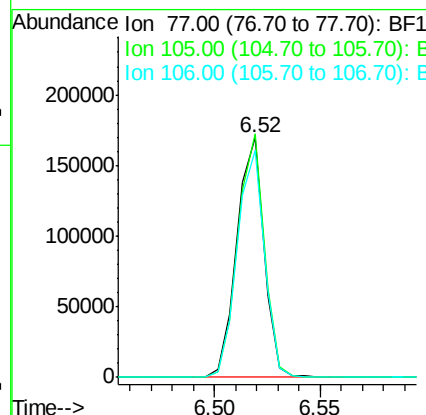
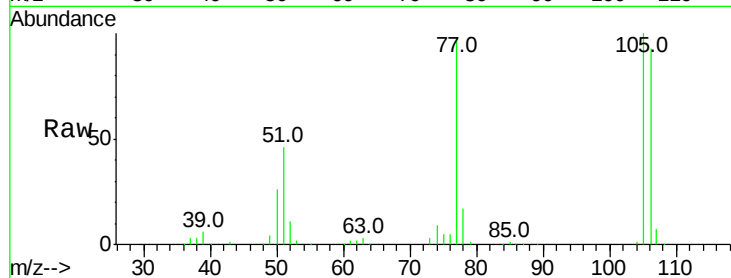
ClientSampleId :

A-8(3.0)MSD

Tot Ion:	77	Resp:	149511
Ion Ratio	Lower	Upper	
77	100		
105	101.6	81.1	121.1
106	94.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.847 ng

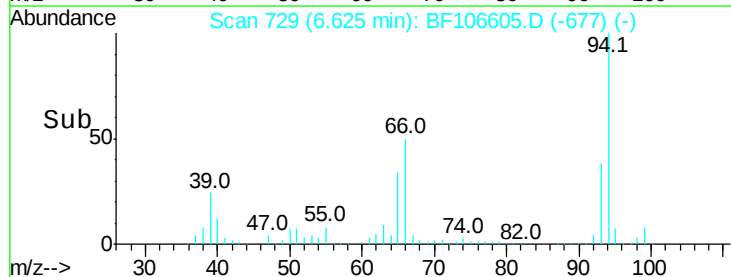
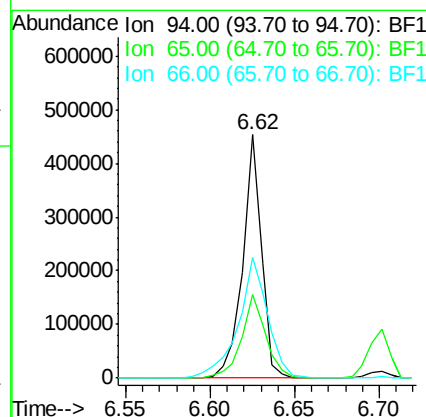
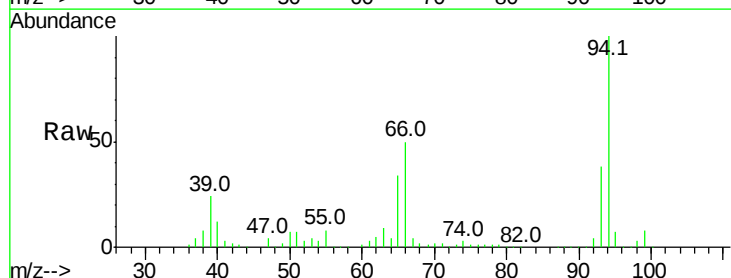
RT: 6.62 min Scan# 729

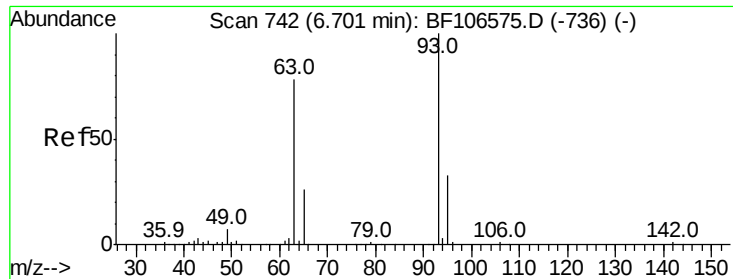
Delta R.T. 0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	94	Resp:	350151
Ion Ratio	Lower	Upper	
94	100		
65	34.3	7.9	47.9
66	49.6	16.2	56.2





#11

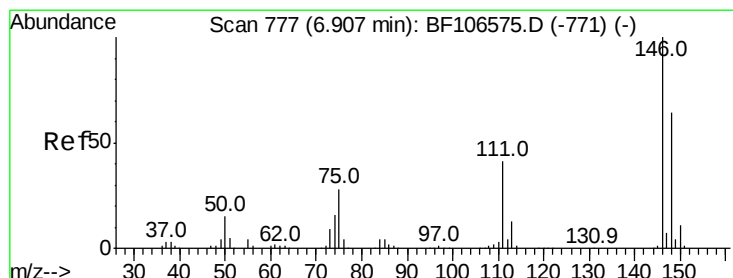
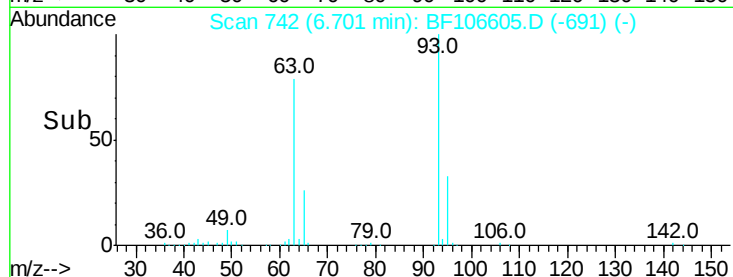
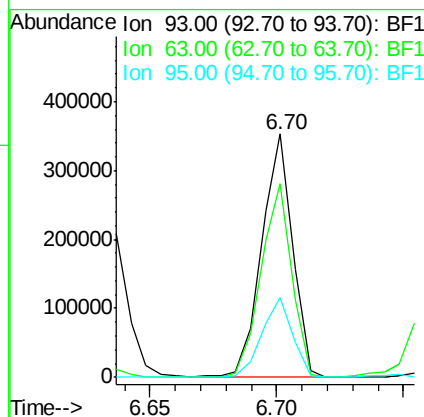
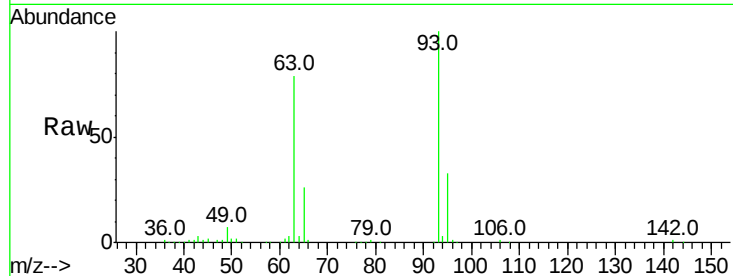
bis(2-Chloroethyl)ether
Concen: 40.957 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion:	93	Resp:	297120
Ion Ratio	Lower	Upper	
93	100		
63	79.4	58.6	98.6
95	32.8	11.8	51.8

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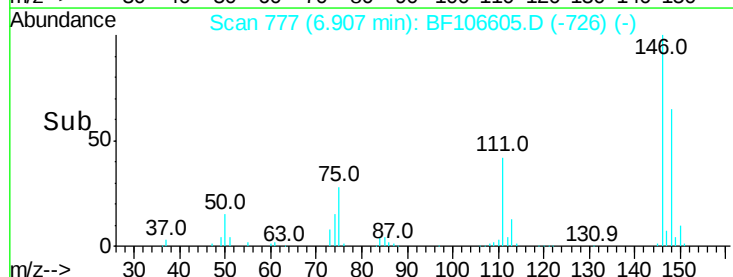
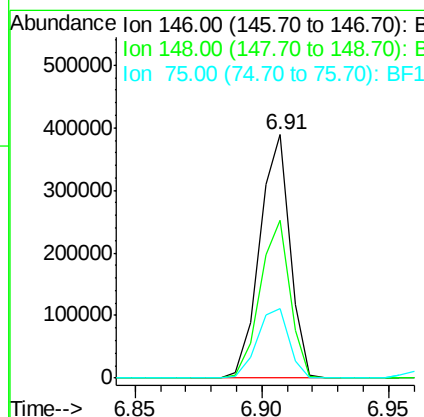
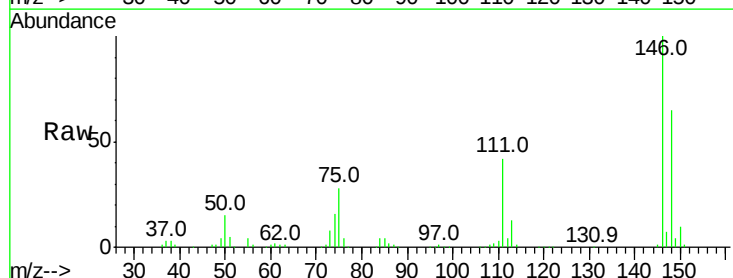
Sohil
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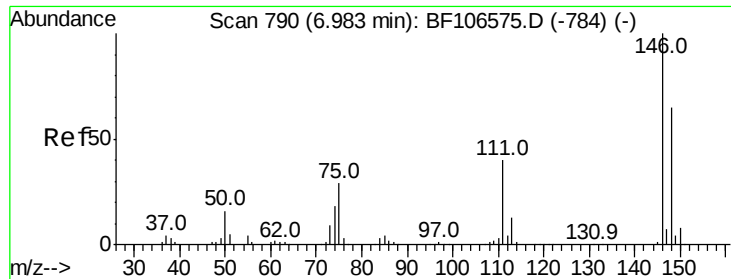


#12

1,3-Dichlorobenzene
Concen: 40.931 ng
RT: 6.91 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion:	146	Resp:	324202
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	28.3	24.2	36.4





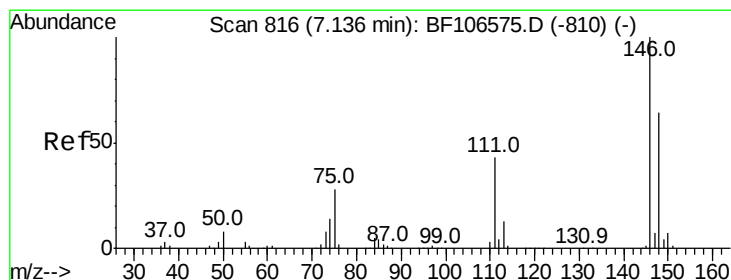
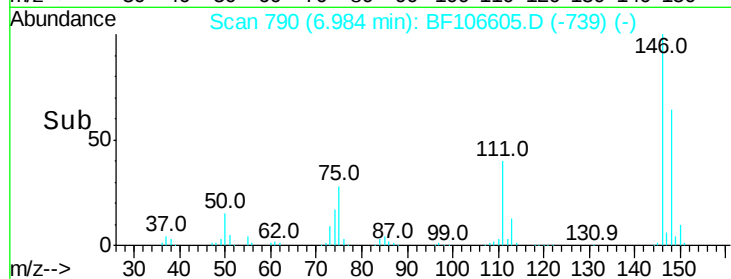
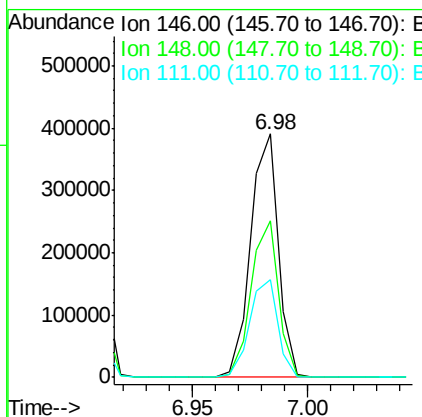
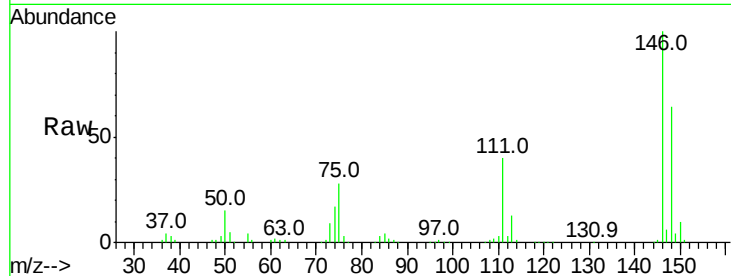
#13
 1,4-Dichlorobenzene
 Concen: 41.038 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	39.9	34.2	51.2

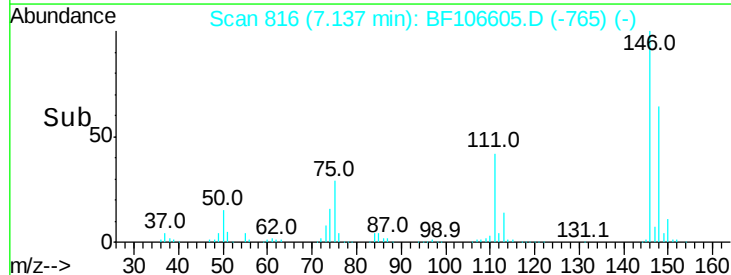
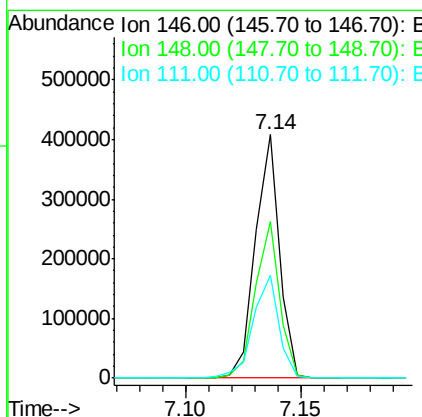
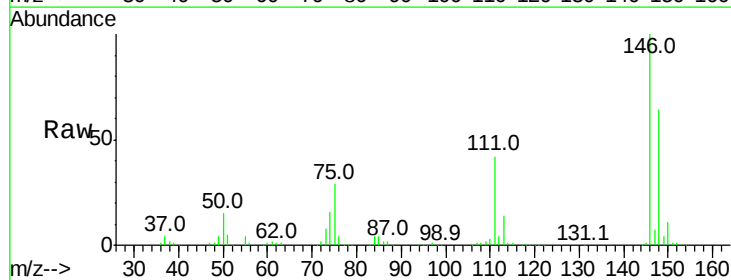
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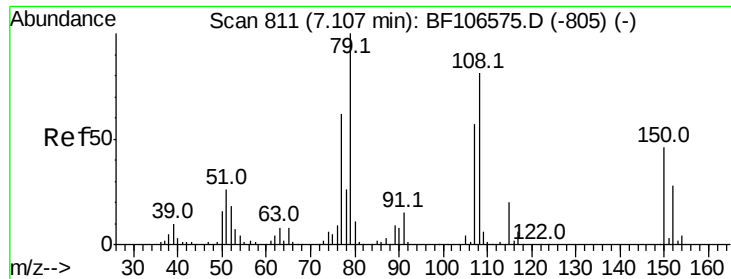
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#14
 1,2-Dichlorobenzene
 Concen: 40.935 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	42.5	36.0	54.0





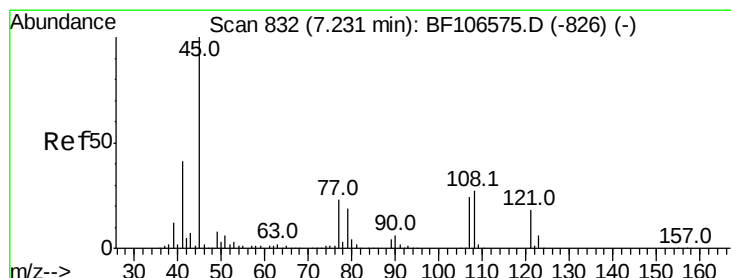
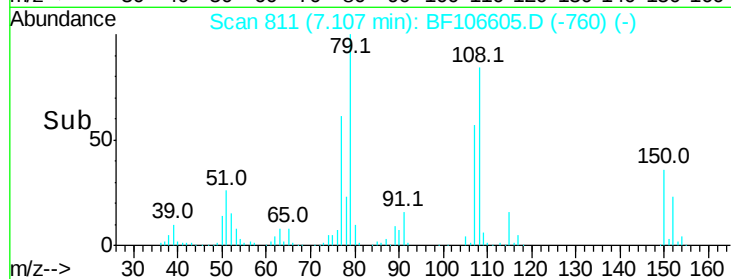
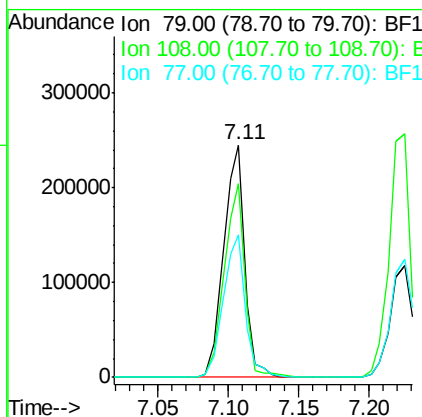
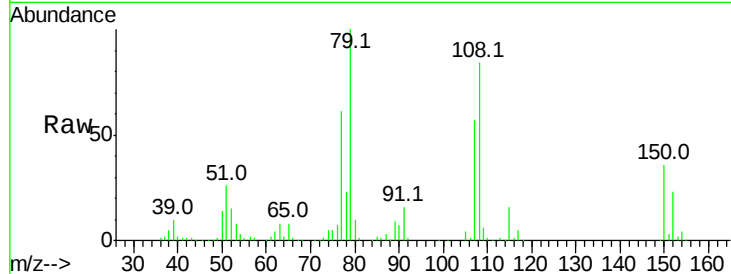
#15
Benzyl Alcohol
Concen: 40.900 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	61.5	50.6	75.8

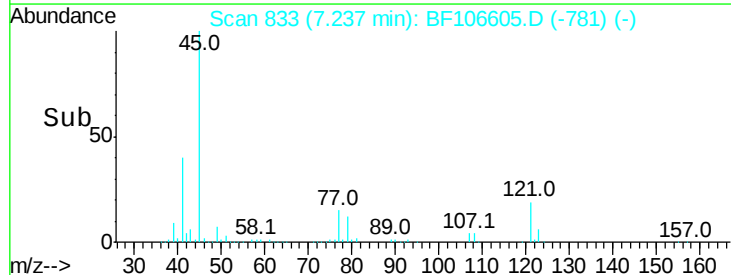
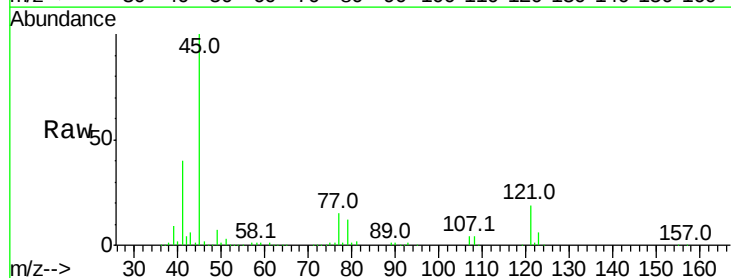
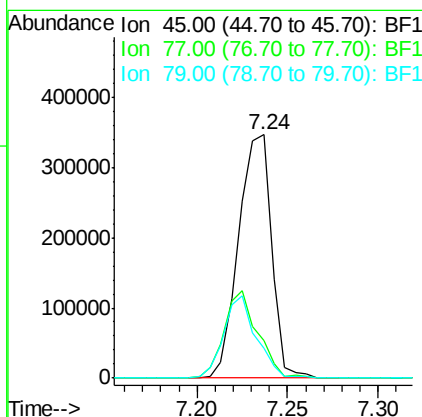
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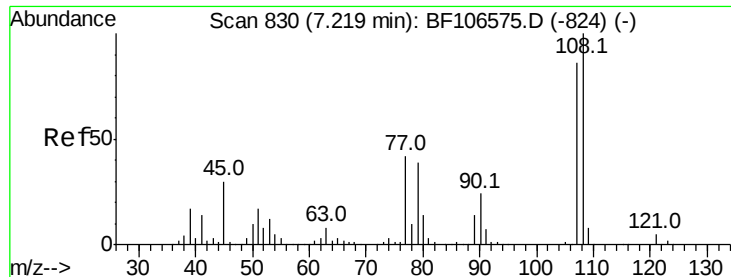
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.227 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	32.9
79	12.4	0.0	29.6





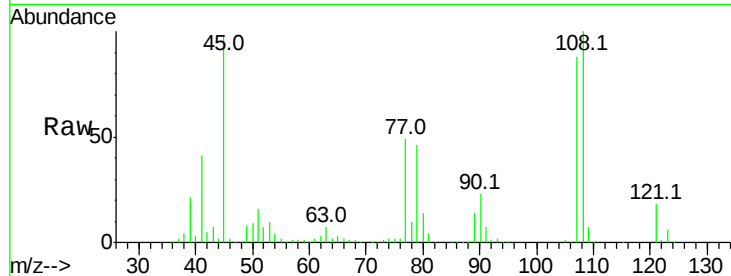
#17
2-Methylphenol
Concen: 41.511 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

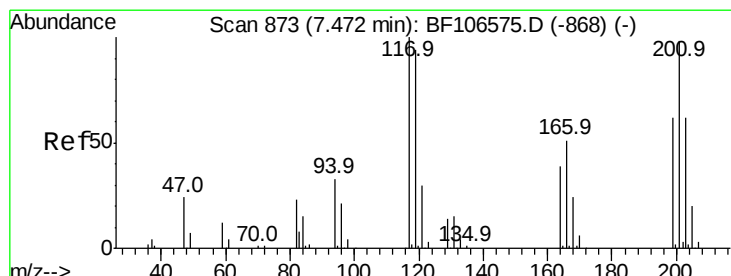
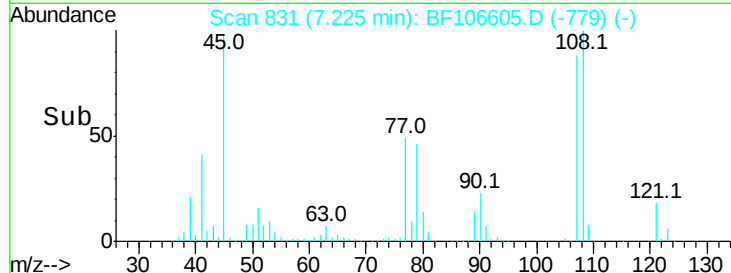
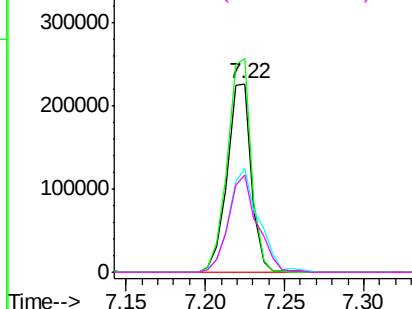
Tot Ion:	107	Resp:	240241
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.7	137.5
77	55.3	33.8	50.8#
79	51.8	33.8	50.8#

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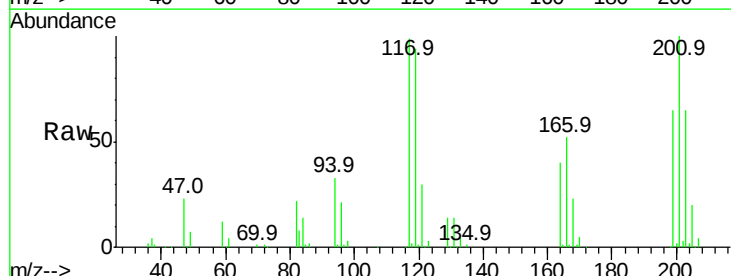


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

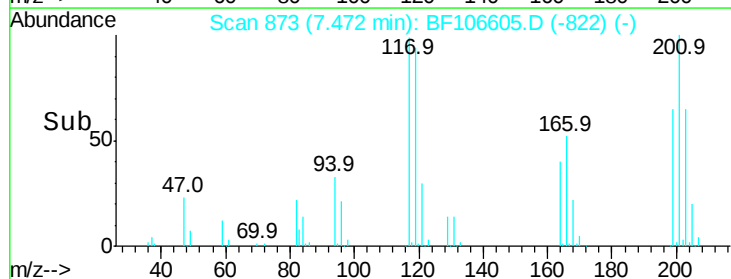
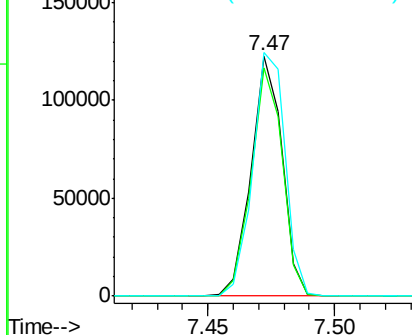


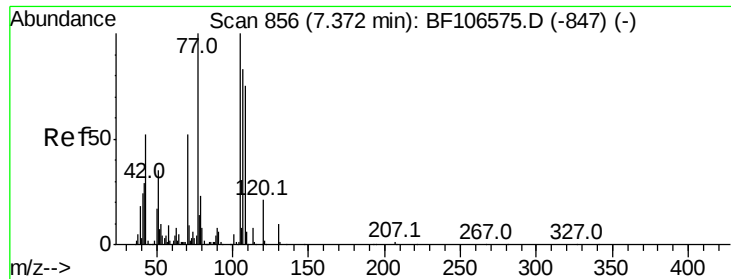
#18
Hexachloroethane
Concen: 37.121 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion:	117	Resp:	104534
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	101.4	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





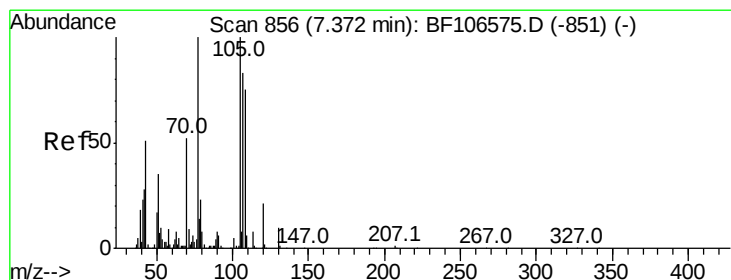
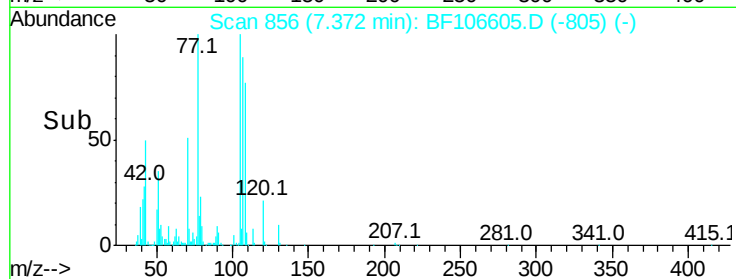
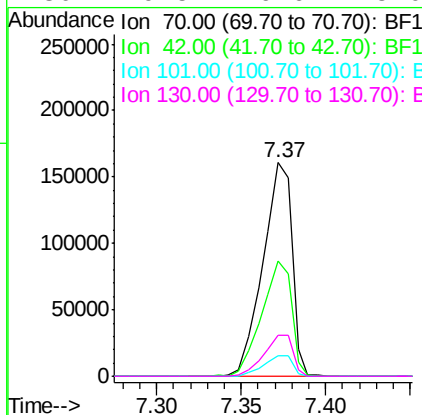
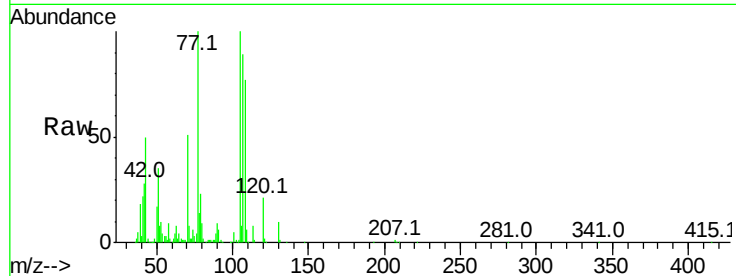
#19
n-Nitroso-di-n-propylamine
Concen: 37.791 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.5	71.3
101	9.7	7.4	11.2
130	19.5	16.6	25.0

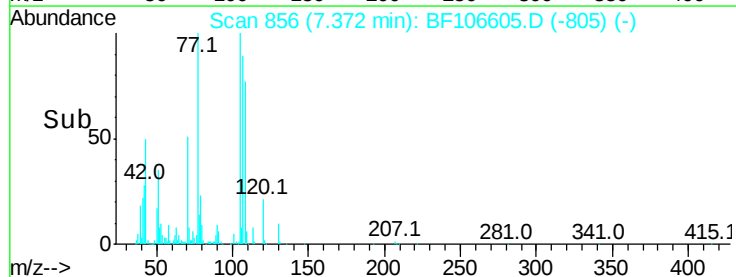
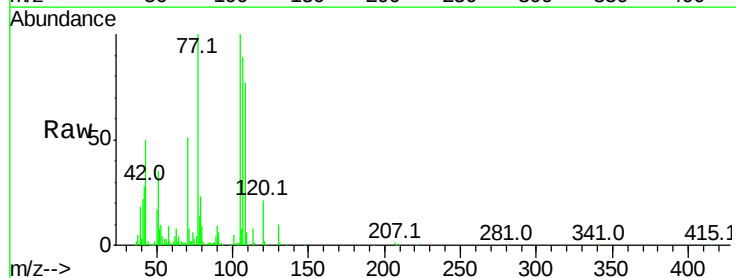
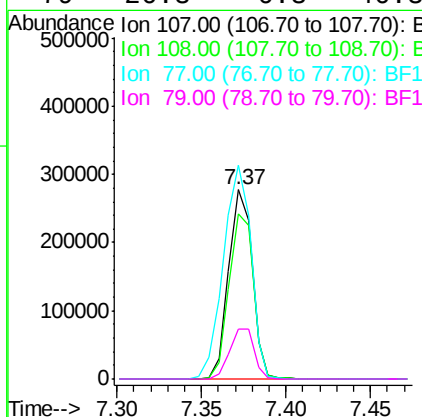
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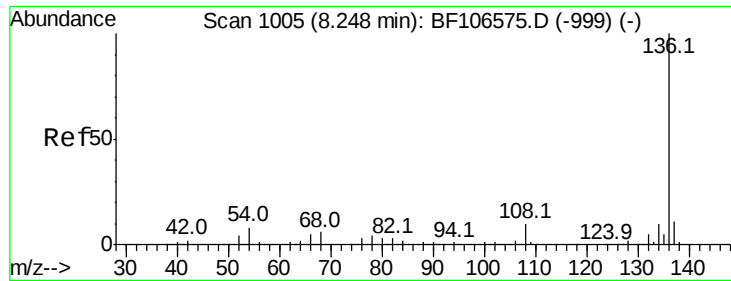
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#20
3+4-Methylphenols
Concen: 42.812 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	112.9	26.7	66.7#
79	26.3	6.3	46.3





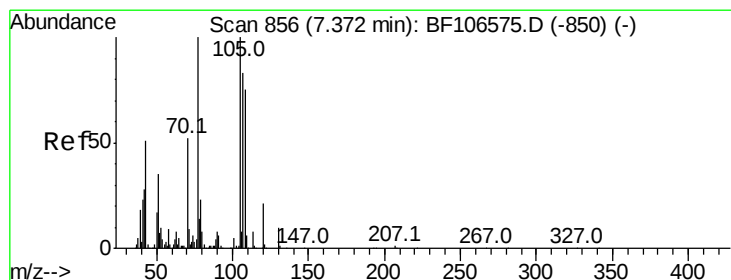
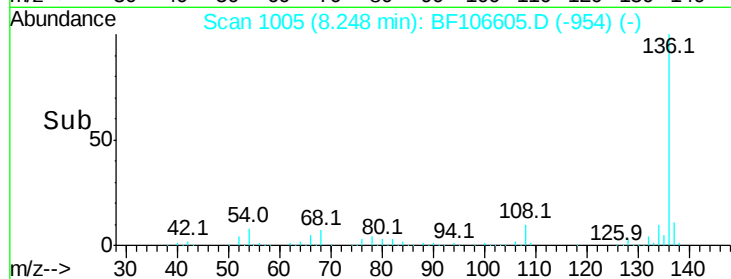
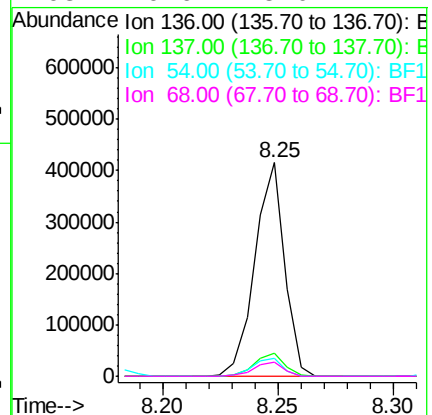
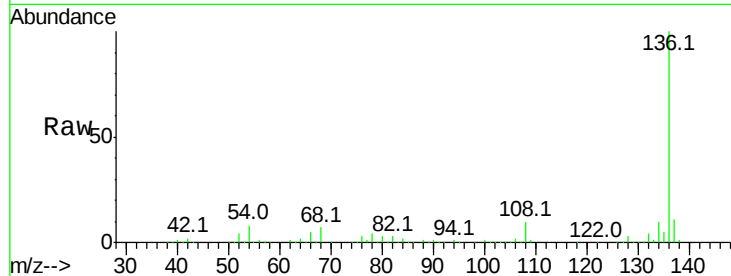
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.6	5.0	7.4

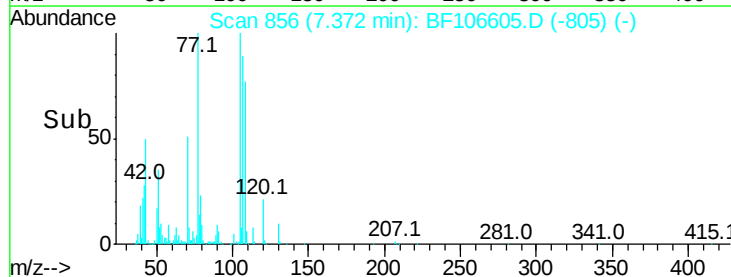
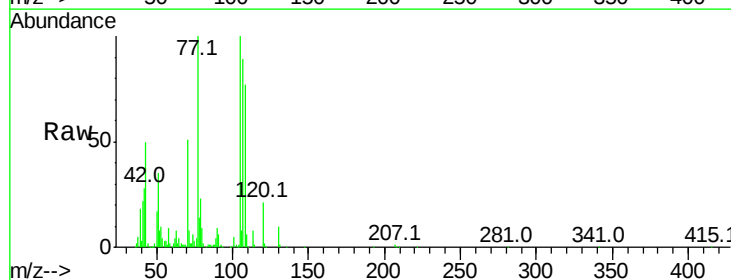
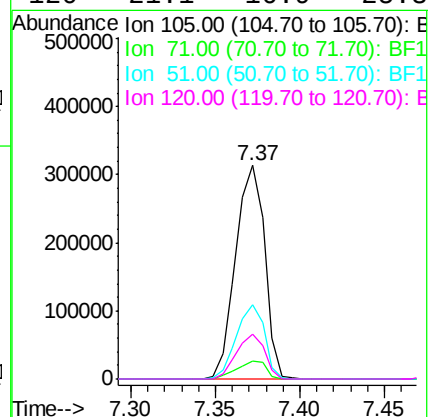
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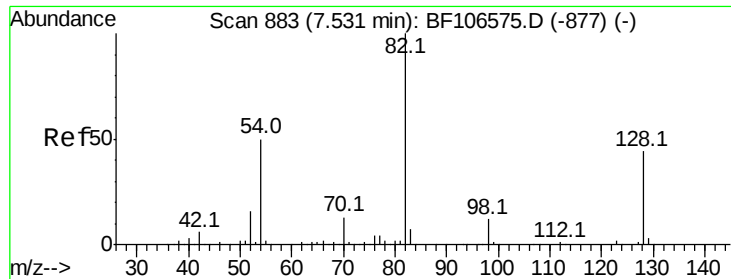
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#22
Acetophenone
Concen: 44.872 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	34.9	22.3	33.5#
120	21.1	16.9	25.3





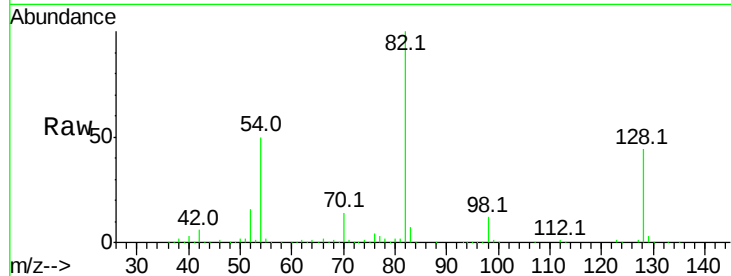
#23
 Nitrobenzene-d5
 Concen: 94.787 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampled :
 A-8(3.0)MSD

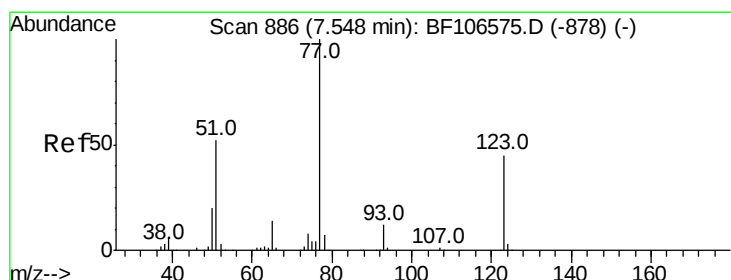
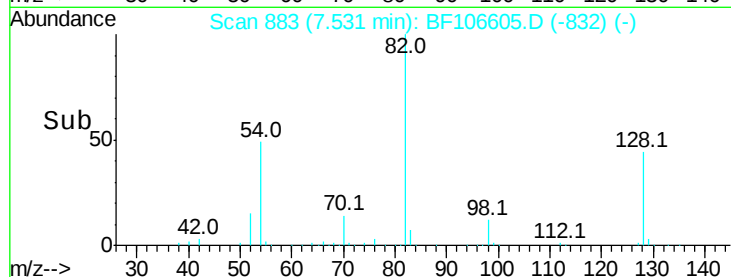
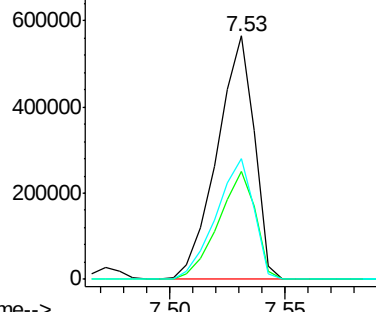
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	36.1	54.1	
54	49.5	41.4	62.2	

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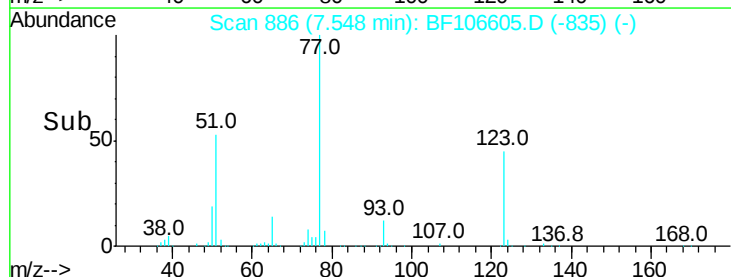
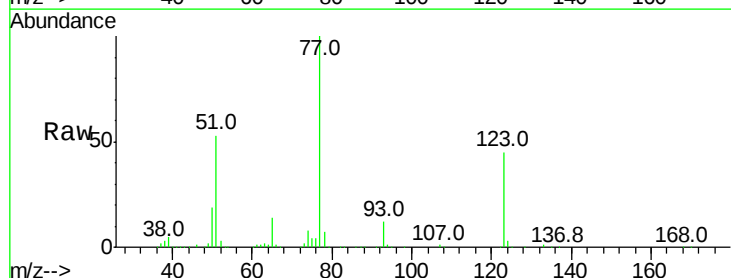
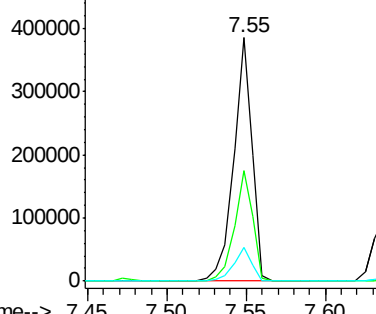
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

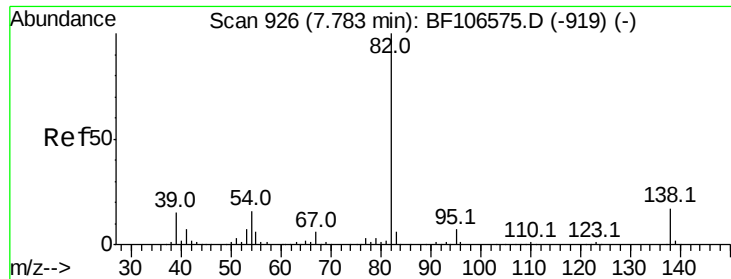


#24
 Nitrobenzene
 Concen: 45.664 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.5	37.9	56.9	
65	13.7	11.0	16.4	

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.684 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

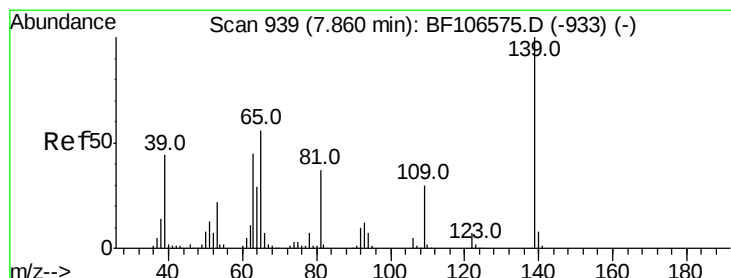
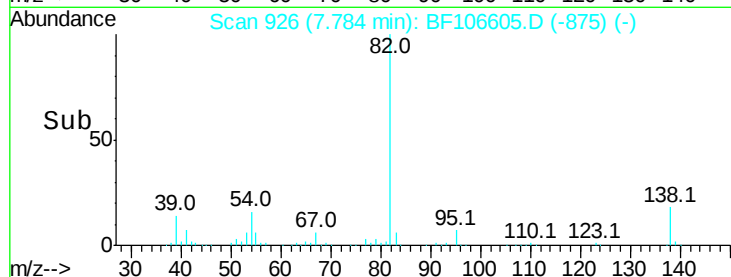
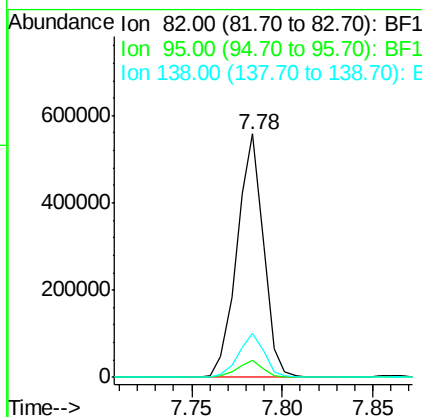
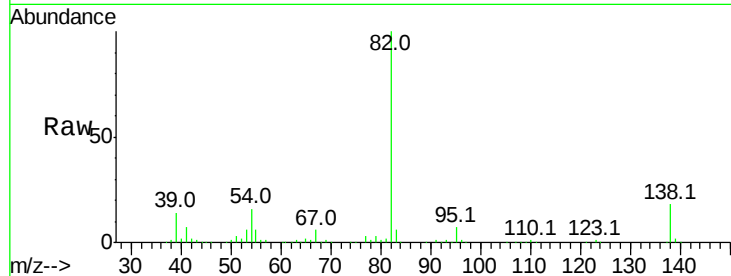
ClientSampleId :

A-8(3.0)MSD

Tot Ion:	82	Resp:	564089
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.499 ng

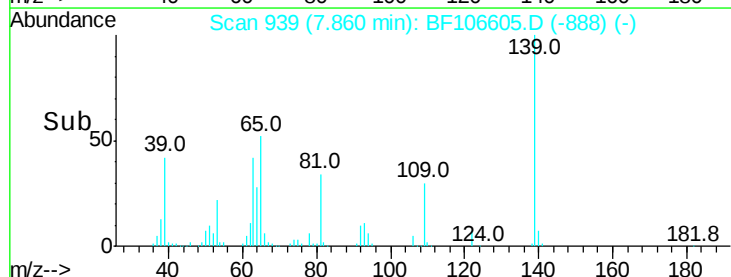
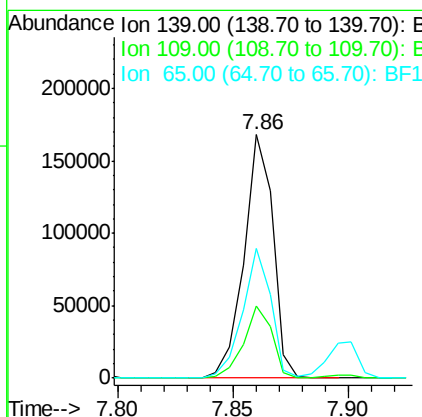
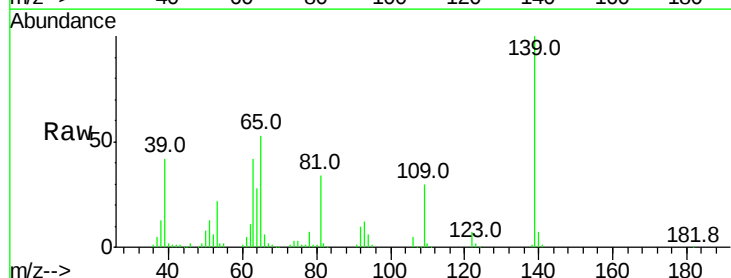
RT: 7.86 min Scan# 939

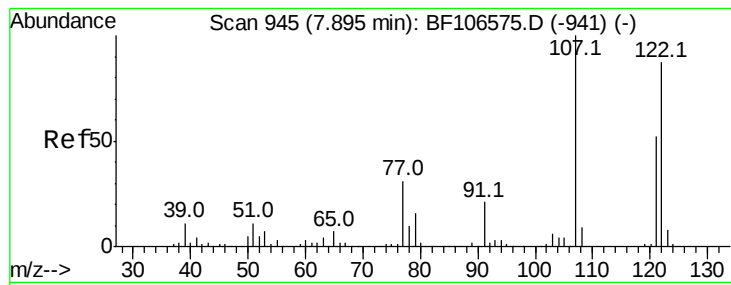
Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	139	Resp:	147215
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.7	34.1
65	53.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 49.220 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

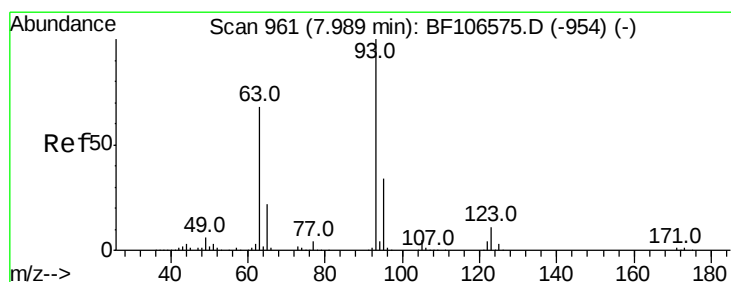
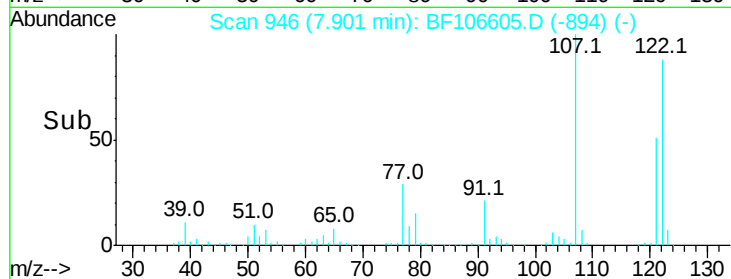
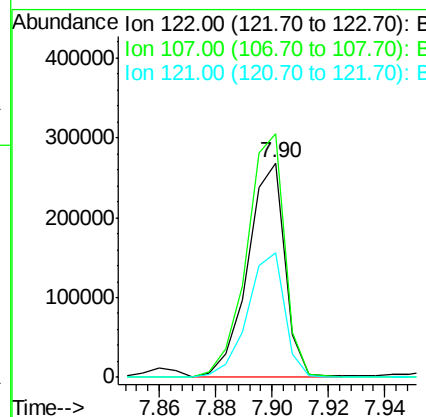
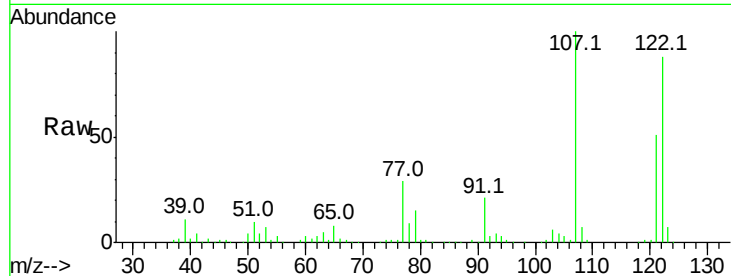
ClientSampleId :

A-8(3.0)MSD

Tot Ion:	122	Resp:	246152
Ion Ratio	Lower	Upper	
122	100		
107	113.6	91.2	136.8
121	57.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.591 ng

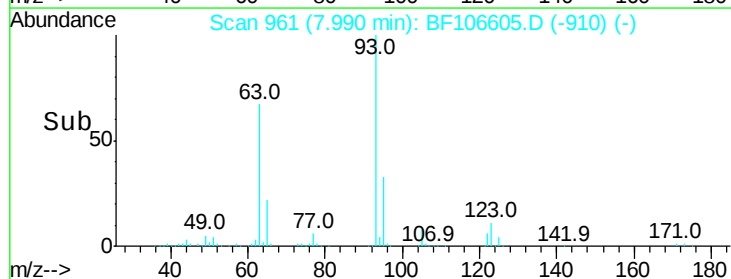
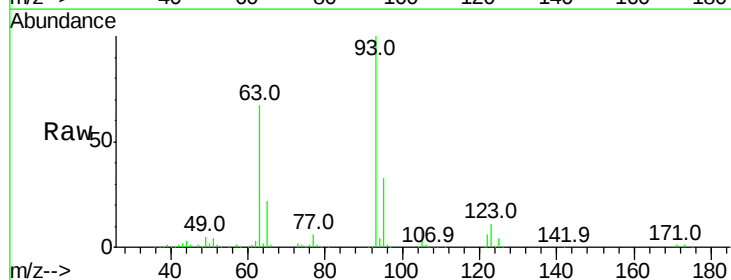
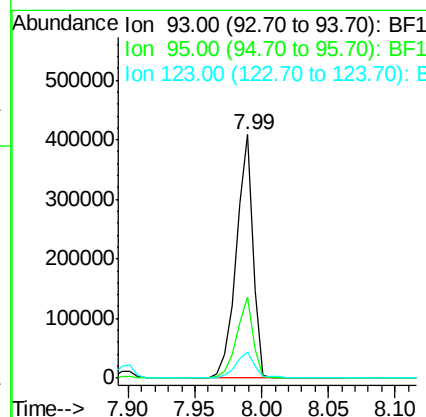
RT: 7.99 min Scan# 961

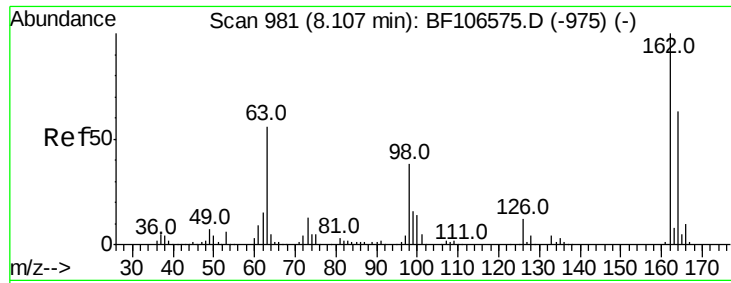
Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	93	Resp:	362123
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	10.8	9.8	14.6





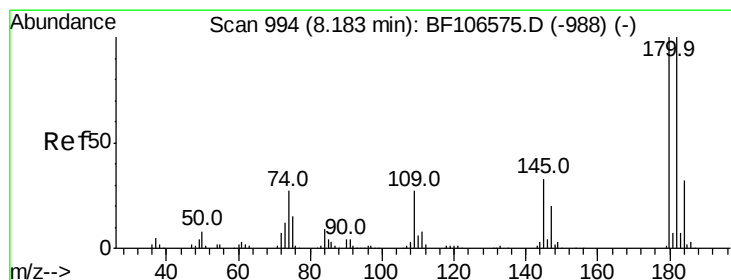
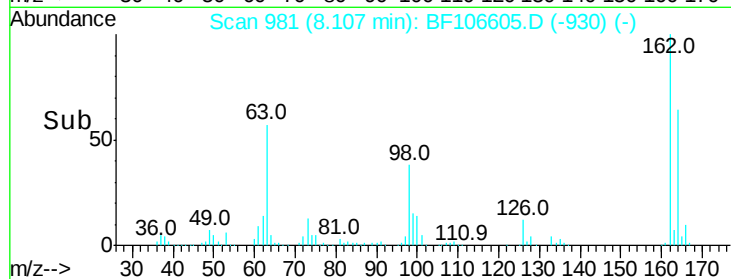
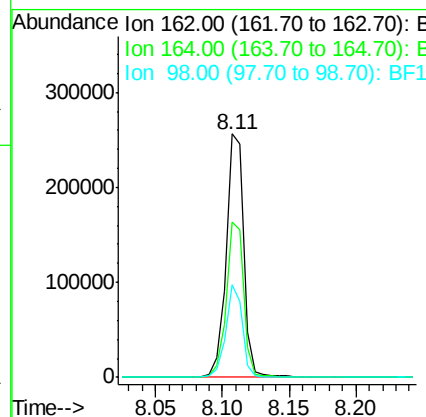
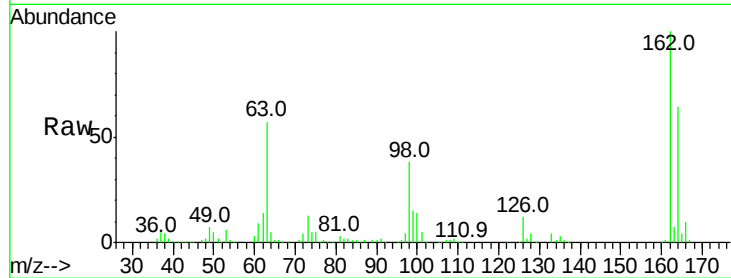
#29
 2,4-Dichlorophenol
 Concen: 45.845 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	42.7	82.7
98	38.3	18.1	58.1

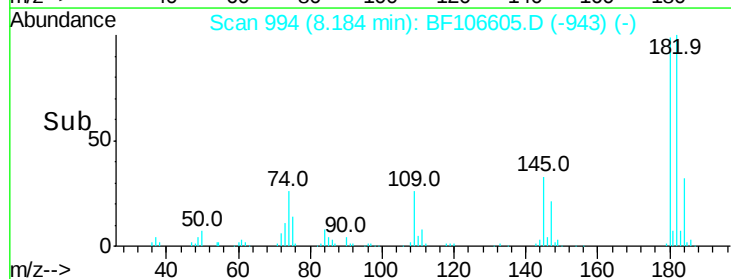
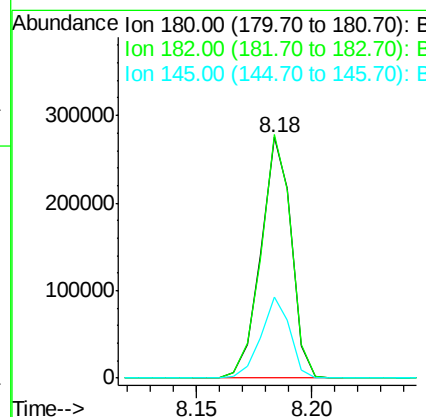
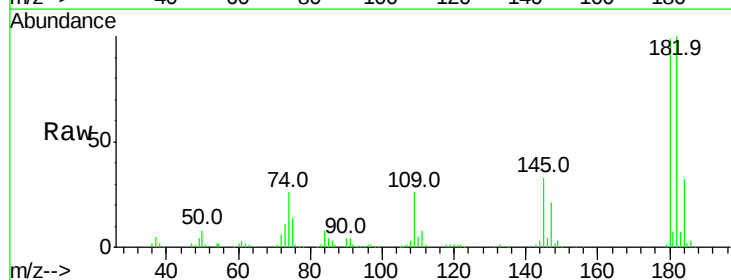
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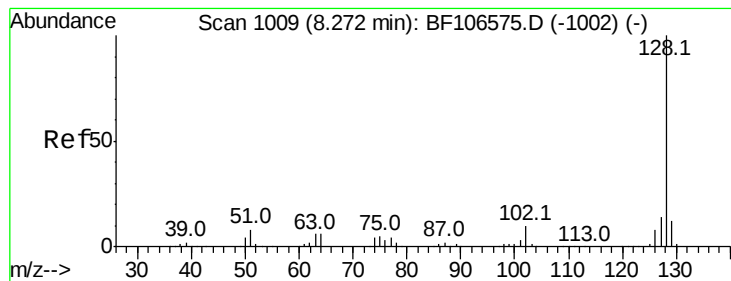
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.602 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	101.3	76.8	115.2
145	33.5	26.5	39.7





#31

Naphthalene

Concen: 43.207 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

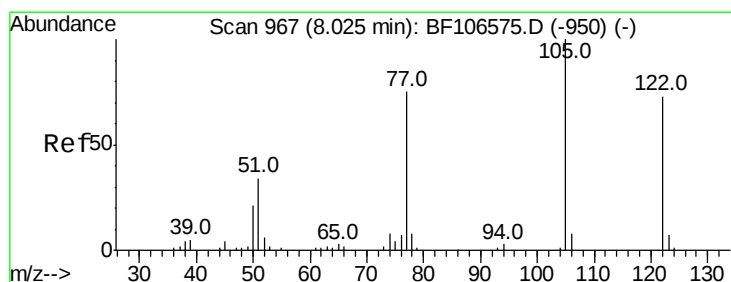
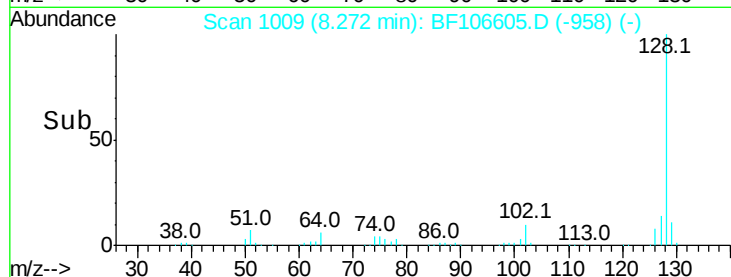
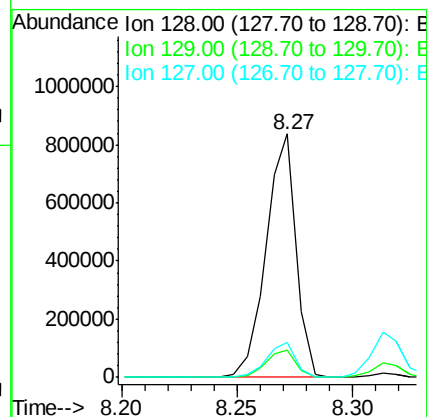
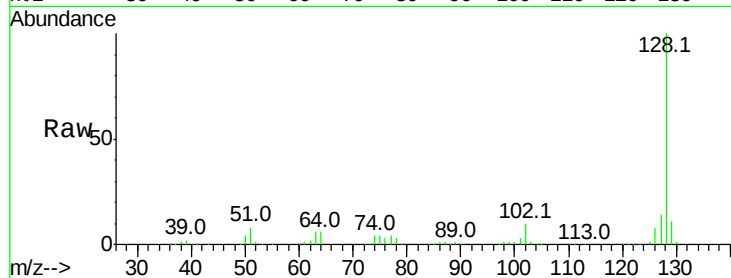
ClientSampled :

A-8(3.0)MSD

Tot Ion:	128	Resp:	753643
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	14.1	10.9	16.3

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#32

Benzoic acid

Concen: 32.725 ng

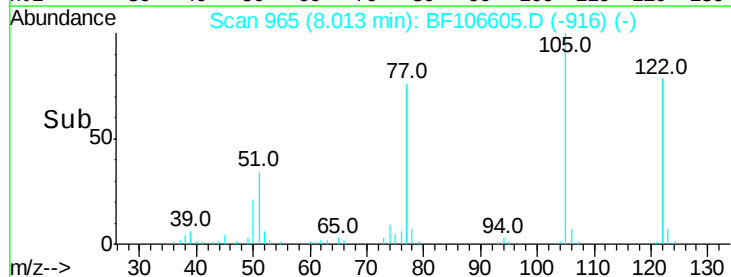
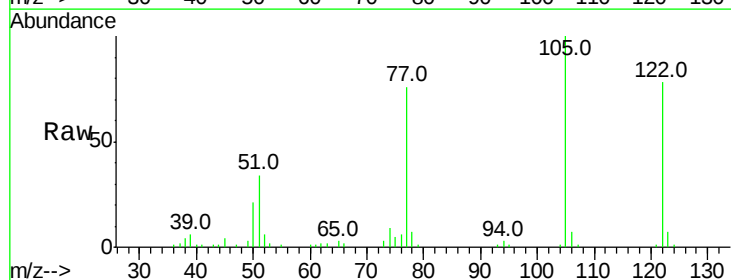
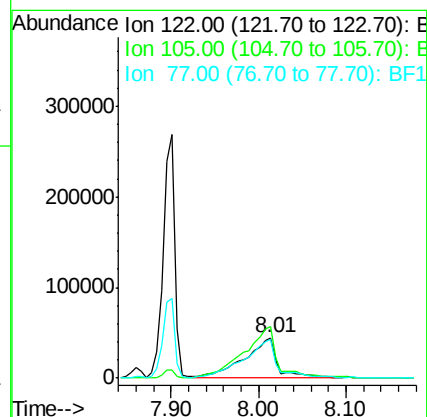
RT: 8.01 min Scan# 965

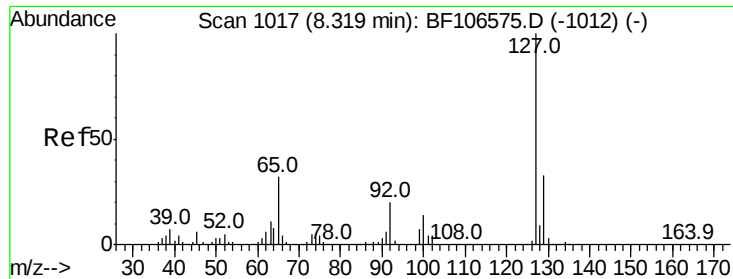
Delta R.T. -0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	122	Resp:	111510
Ion Ratio	Lower	Upper	
122	100		
105	127.7	101.1	141.1
77	97.3	70.7	110.7





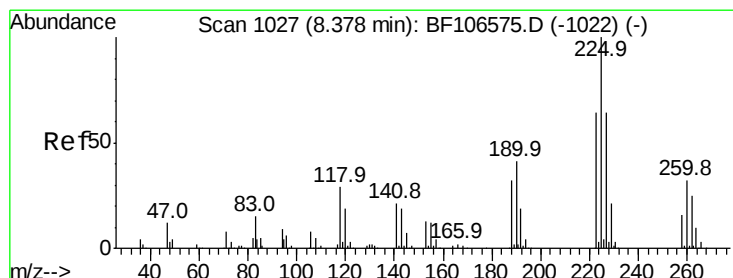
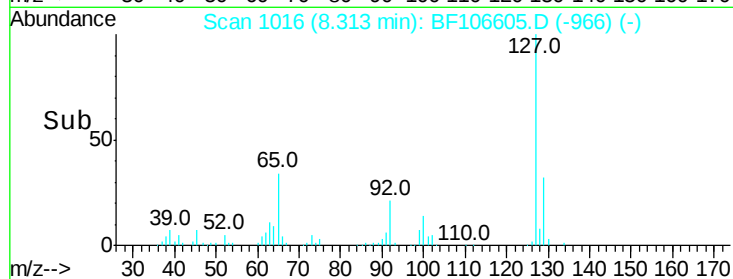
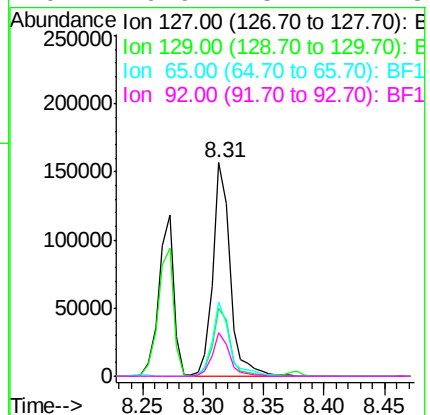
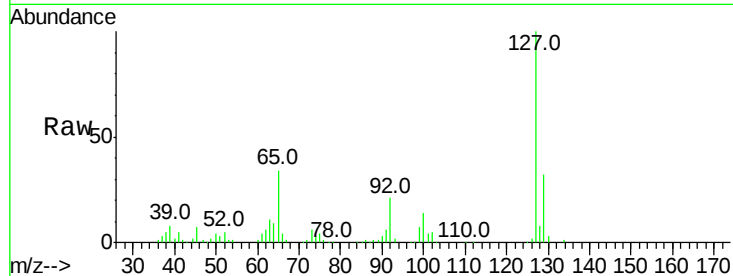
#33
4-Chloroaniline
Concen: 21.244 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	34.5	25.0	37.4	
92	20.6	15.2	22.8	

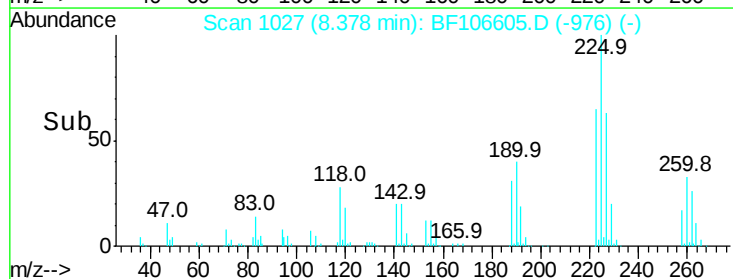
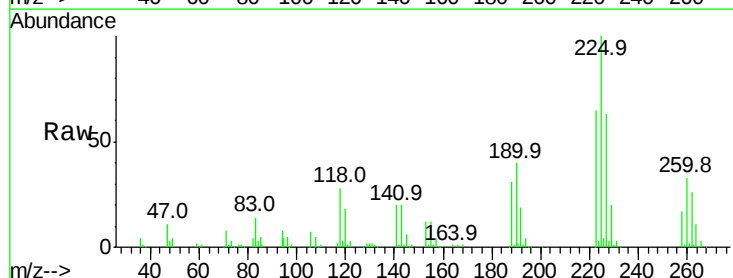
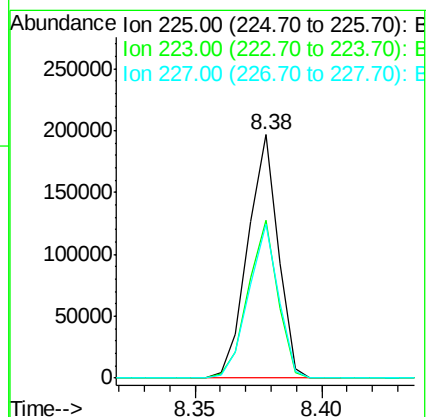
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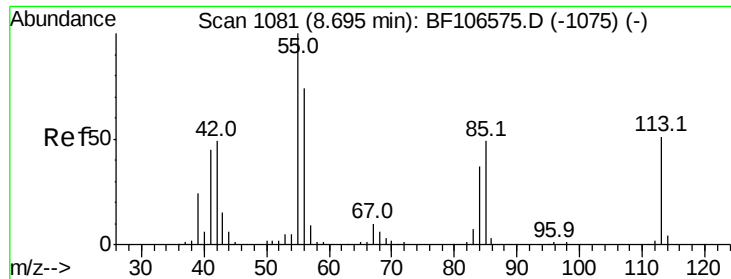
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#34
Hexachlorobutadiene
Concen: 43.593 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.9	50.6	76.0	
227	63.1	51.9	77.9	





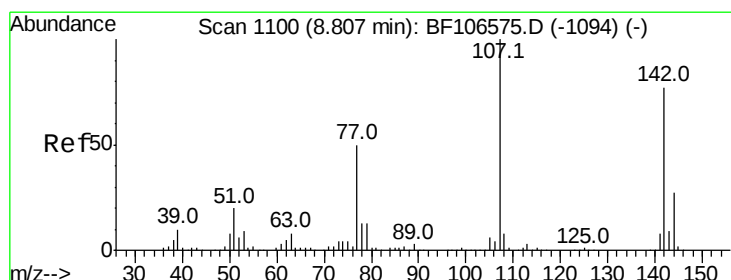
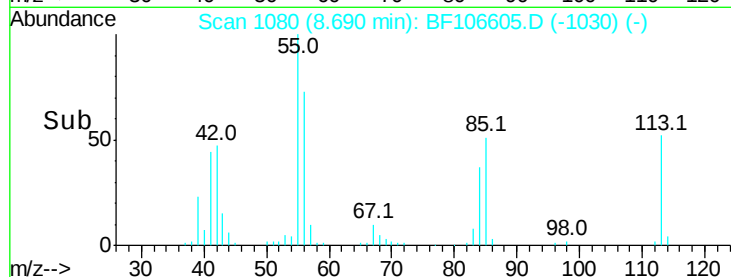
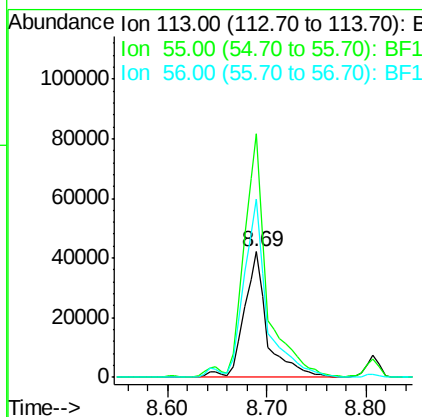
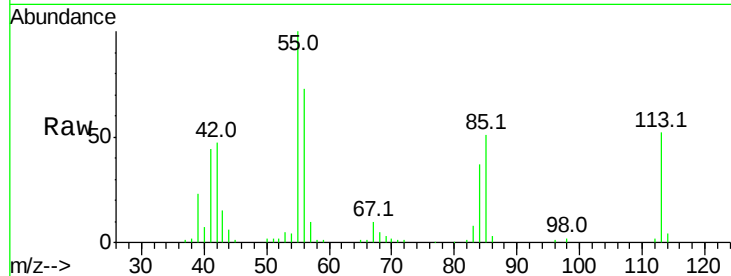
#35
Caprolactam
Concen: 39.811 ng/ml
RT: 8.69 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion:113 Resp: 67945
Ion Ratio Lower Upper
113 100
55 193.6 163.3 203.3
56 142.2 115.7 155.7

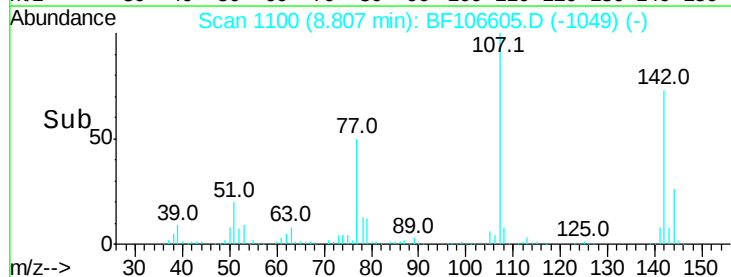
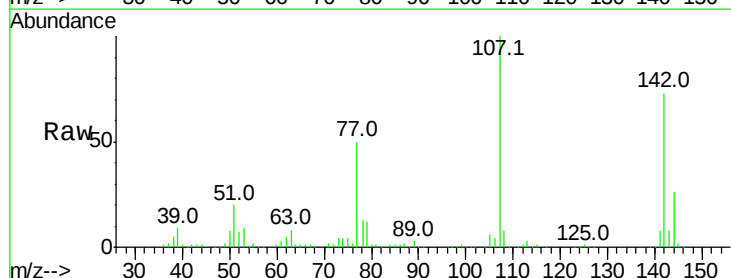
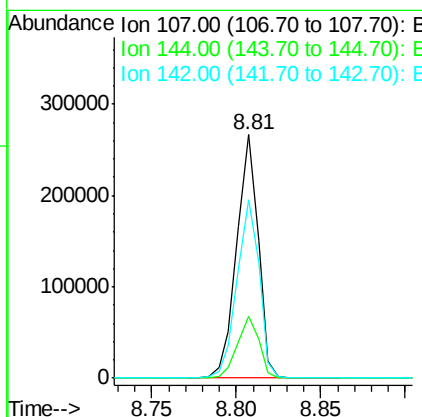
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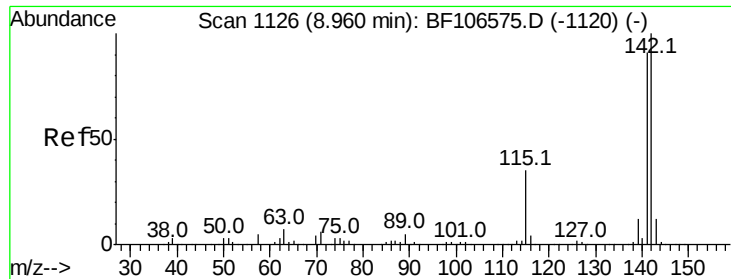
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#36
4-Chloro-3-methylphenol
Concen: 43.006 ng/ml
RT: 8.81 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion:107 Resp: 237009
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 73.5 62.0 93.0





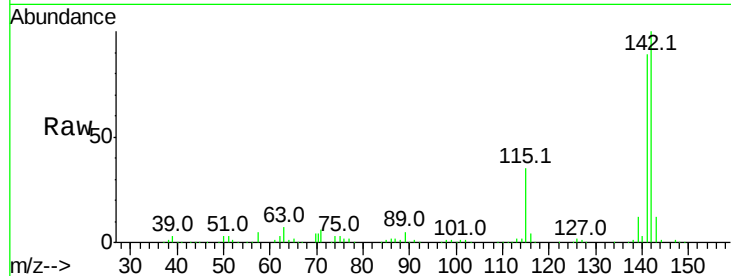
#37
2-Methylnaphthalene
Concen: 43.210 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

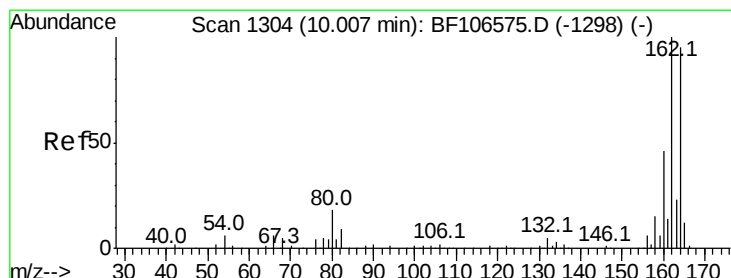
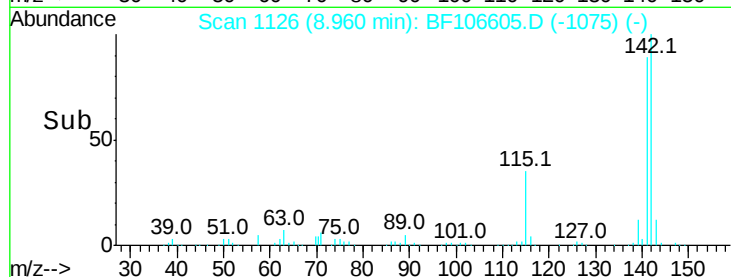
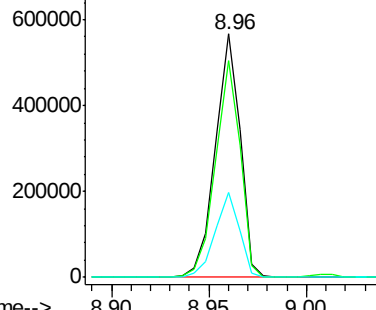
Tot Ion	Ratio	Resp	Lower	Upper
142	100	499566		
141	89.1	70.8	106.2	
115	34.7	26.1	39.1	

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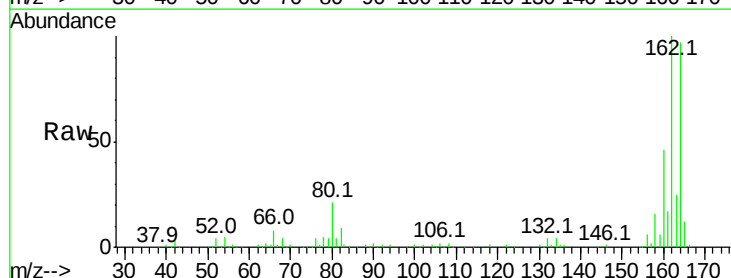


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

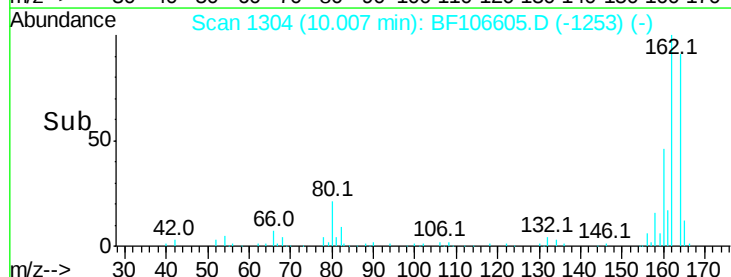
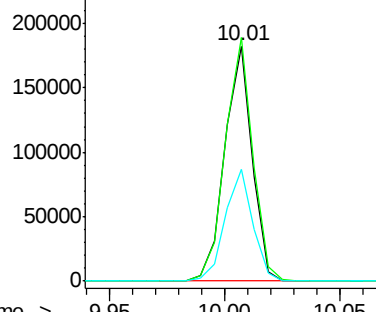


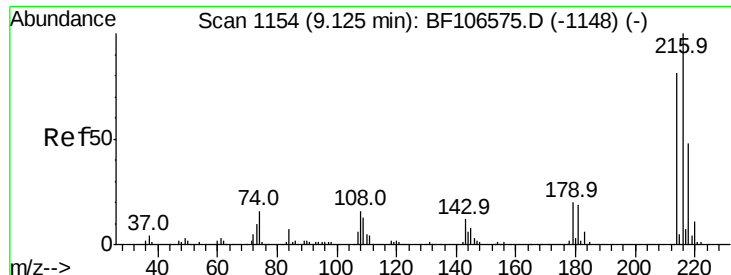
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	151186		
162	103.5	86.1	129.1	
160	47.5	38.3	57.5	



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





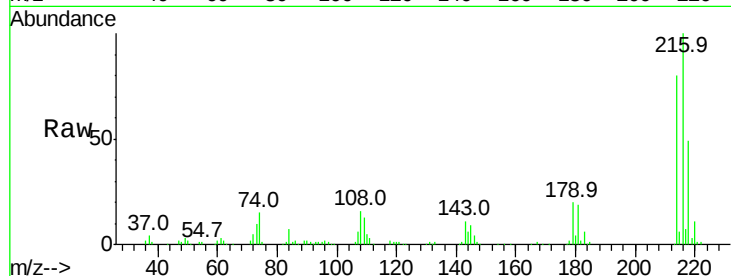
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.315 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

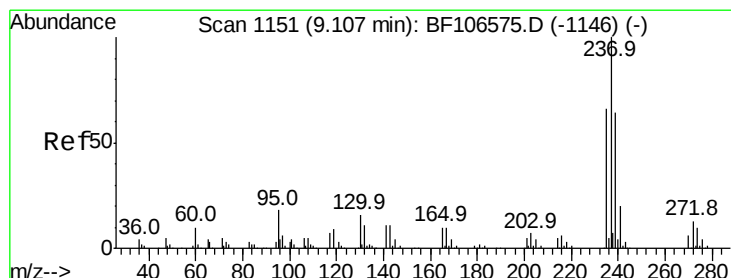
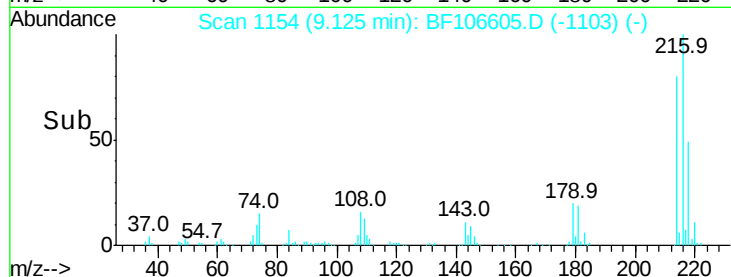
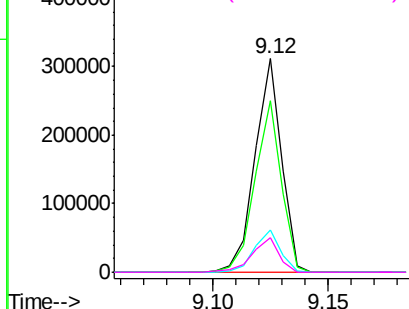
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	19.5	18.1	27.1
108	16.5	17.2	25.8#

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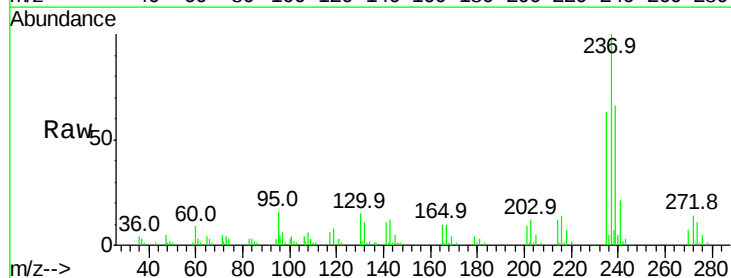


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

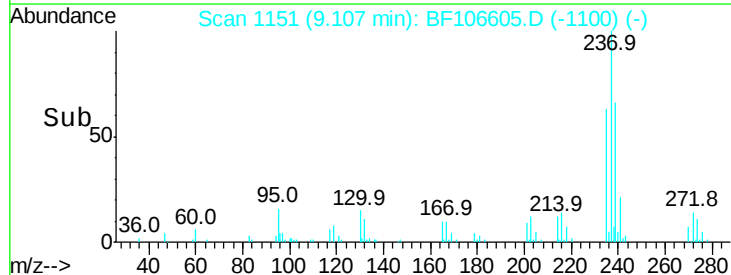
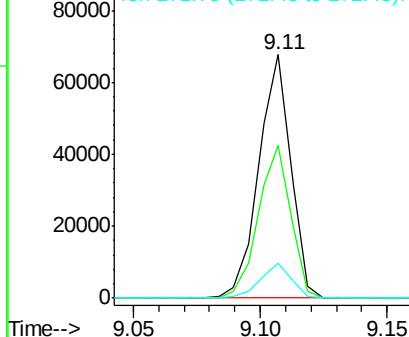


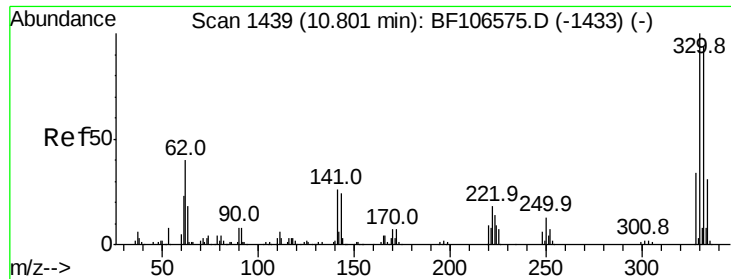
#40
 Hexachlorocyclopentadiene
 Concen: 22.790 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	44.8	84.8
272	14.2	0.0	33.3



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





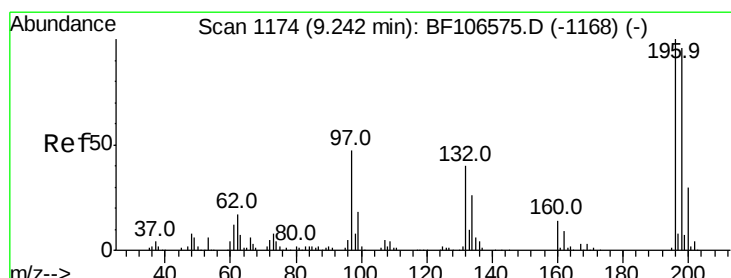
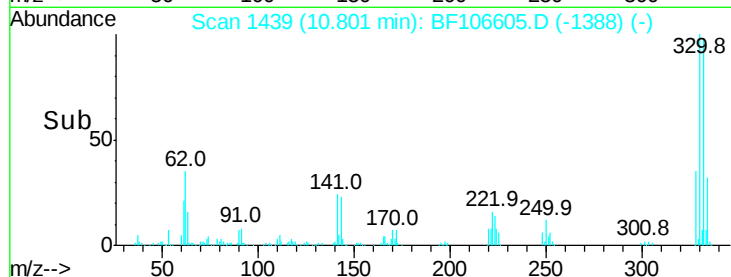
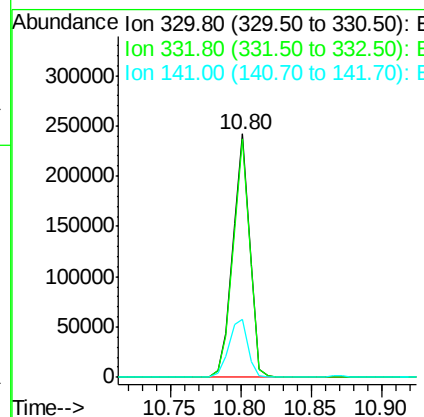
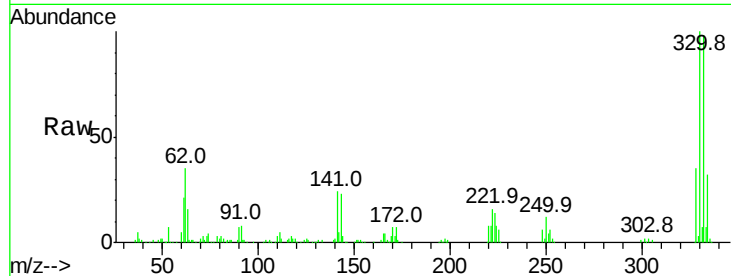
#41
 2,4,6-Tribromophenol
 Concen: 115.296 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202031		
332	97.3	77.0	115.6	
141	27.1	29.9	44.9#	

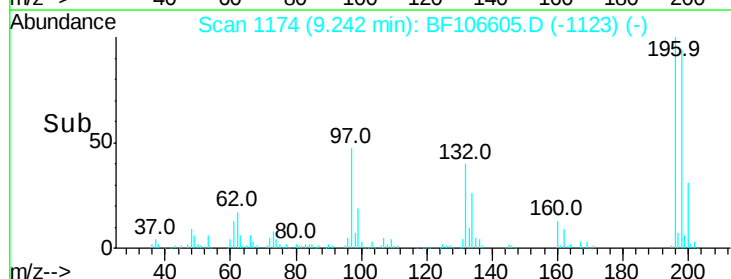
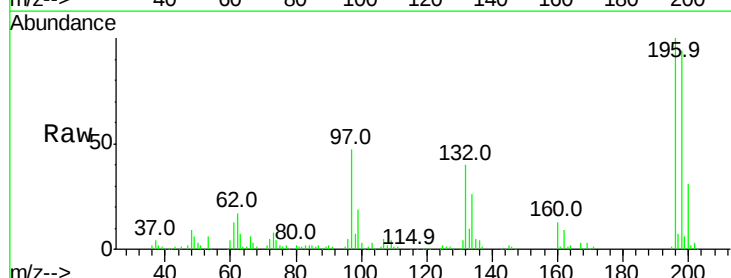
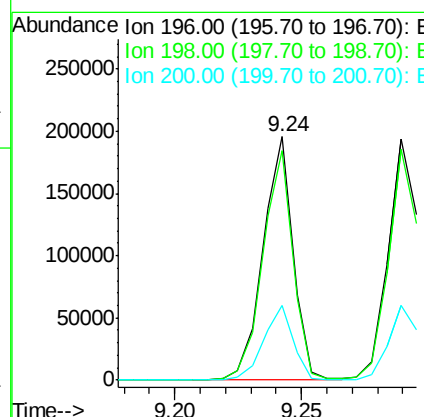
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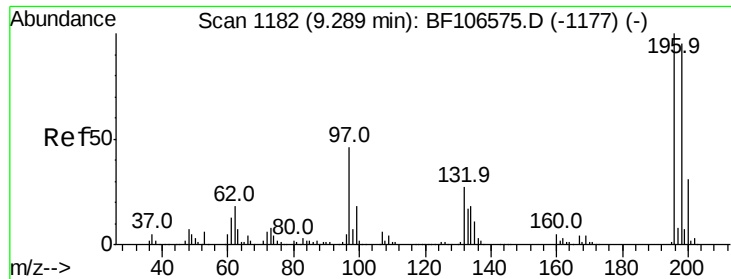
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.106 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162808		
198	94.1	75.7	113.5	
200	30.5	24.5	36.7	





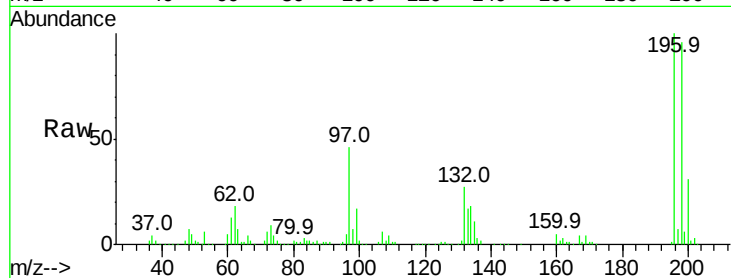
#43
 2,4,5-Trichlorophenol
 Concen: 46.423 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampled :
 A-8(3.0)MSD

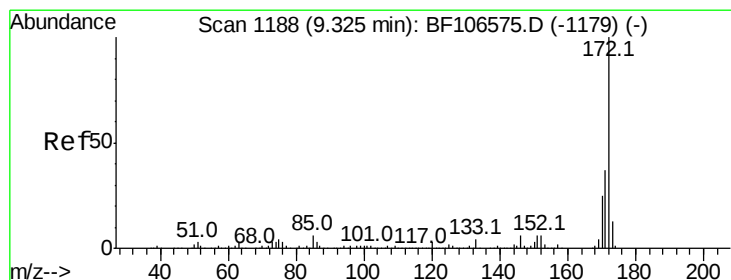
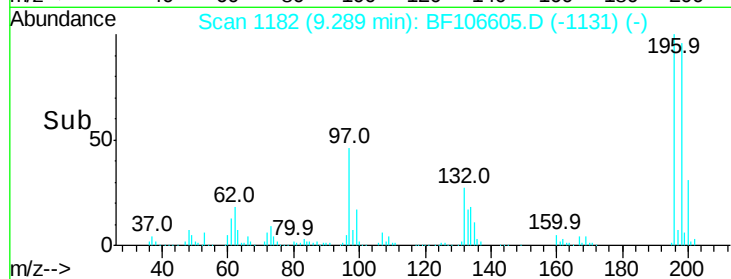
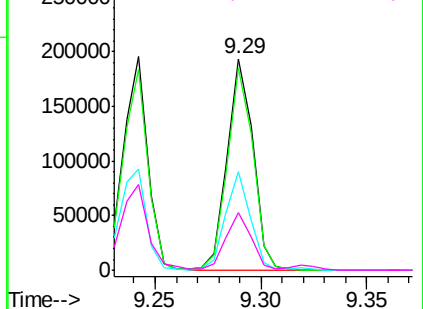
Tot Ion	Ratio	Resp	Lower	Upper
196	100	163944		
198	95.7	74.6	112.0	
97	46.4	42.9	64.3	
132	27.0	26.3	39.5	

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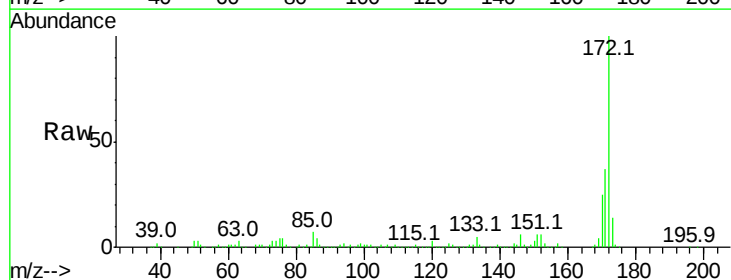


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

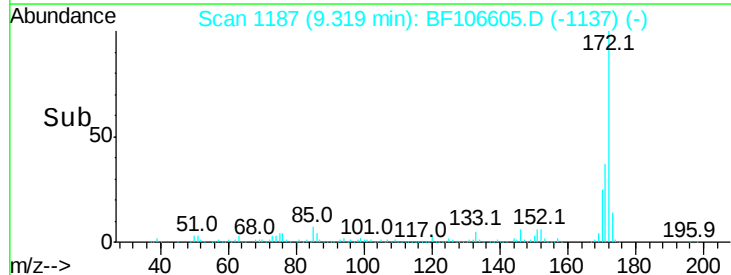
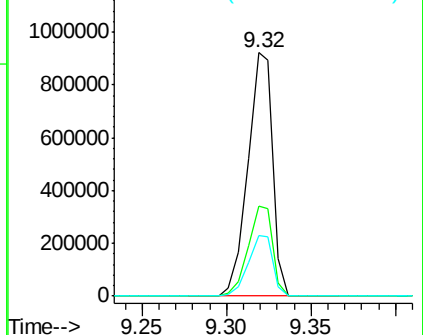


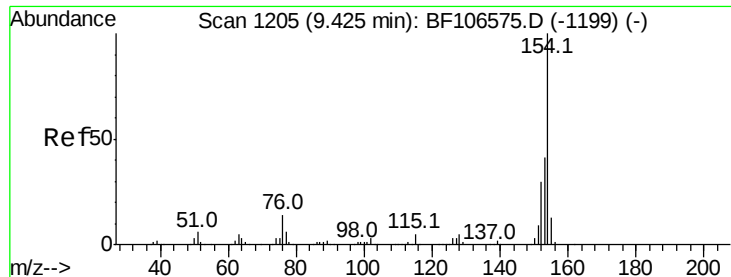
#44
 2-Fluorobiphenyl
 Concen: 110.451 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	947101		
171	36.9	29.7	44.5	
170	25.0	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





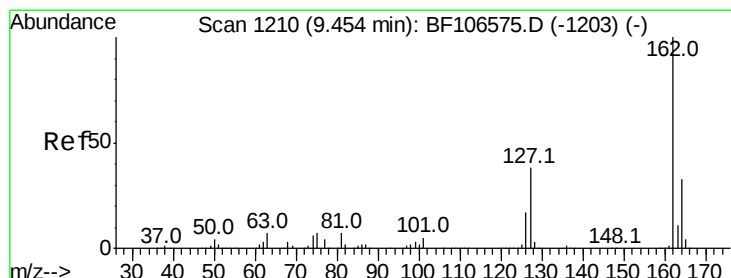
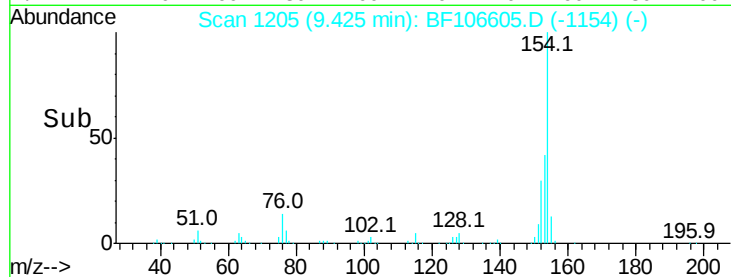
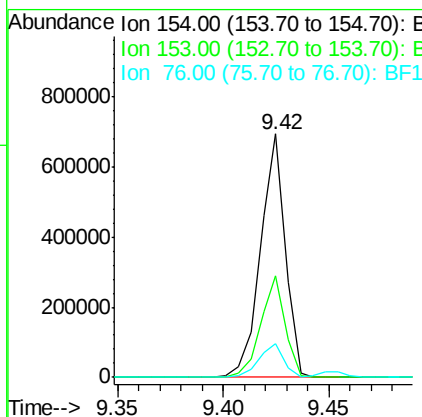
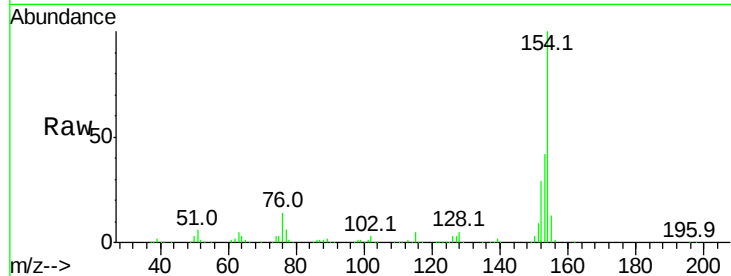
#45
 1,1'-Biphenyl
 Concen: 46.974 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.7	21.3	61.3
76	13.7	0.0	34.0

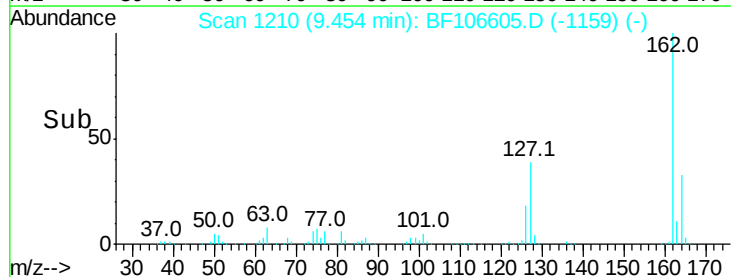
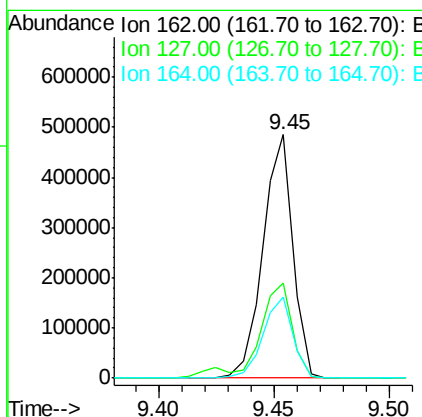
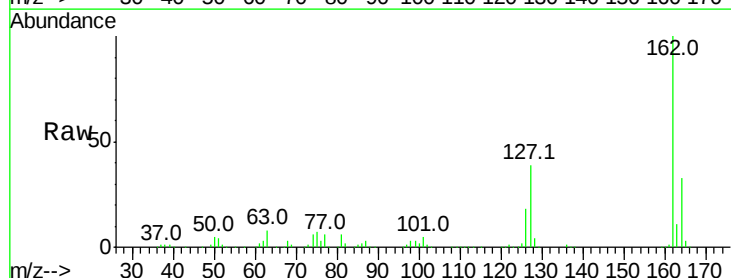
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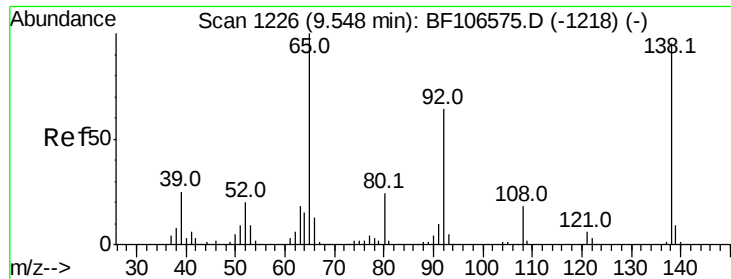
Sohil
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#46
 2-Chloronaphthalene
 Concen: 46.024 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.2	33.9	50.9
164	33.1	26.5	39.7





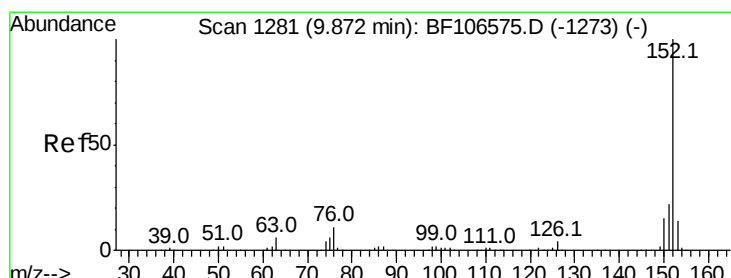
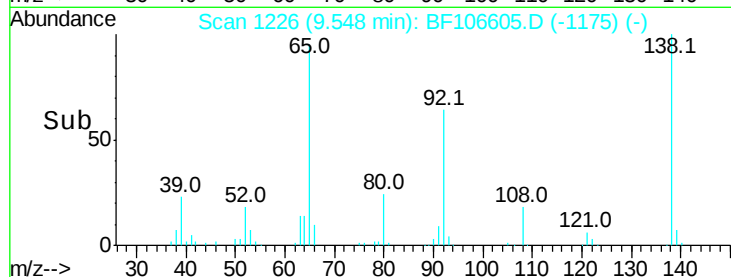
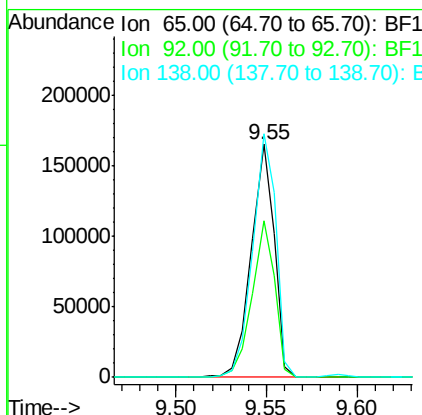
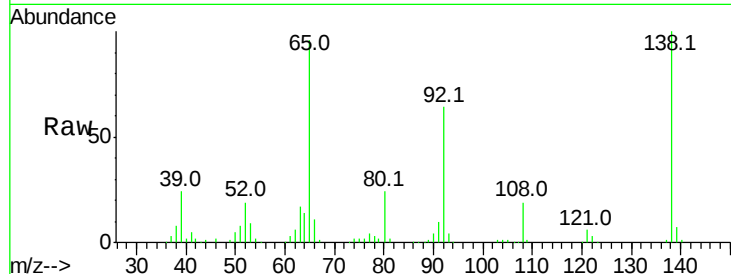
#47
2-Nitroaniline
Concen: 46.150 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	55.8	83.6
138	104.4	91.2	136.8

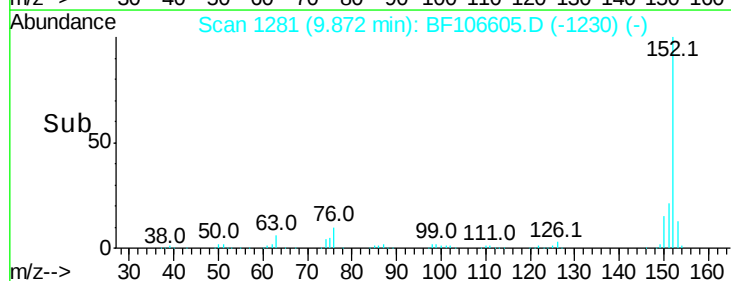
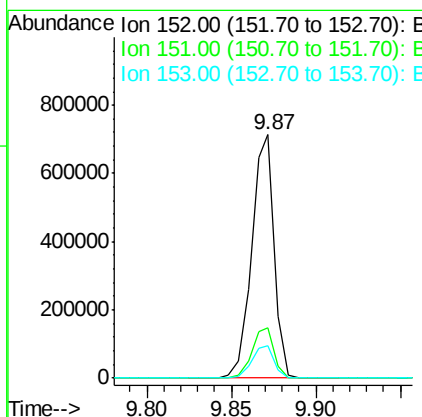
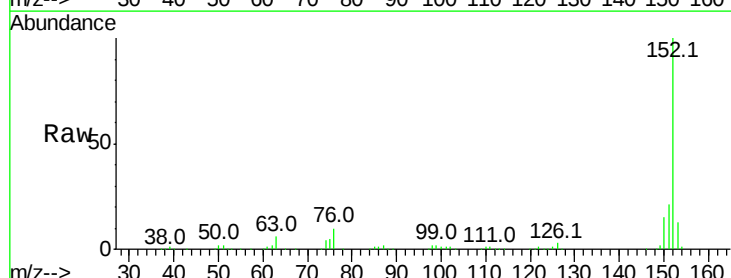
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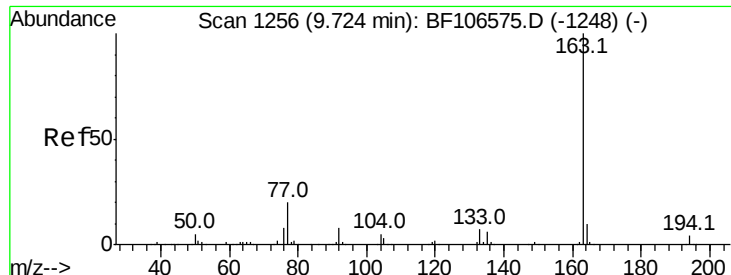
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#48
Acenaphthylene
Concen: 44.139 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.2	10.7	16.1





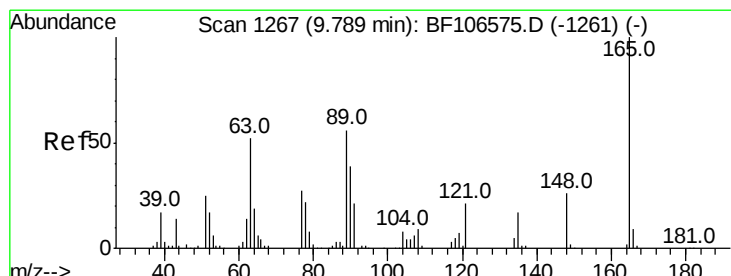
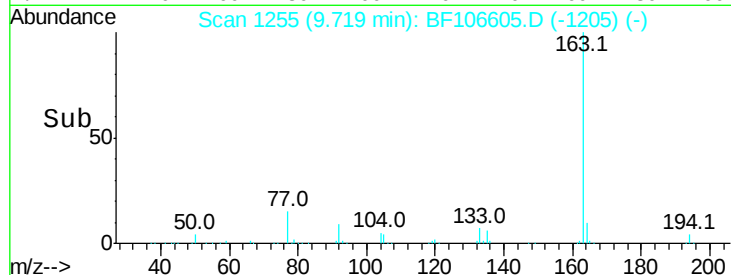
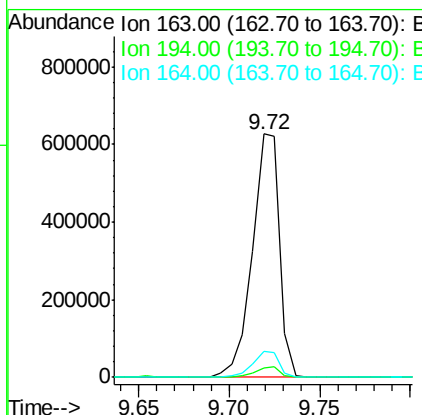
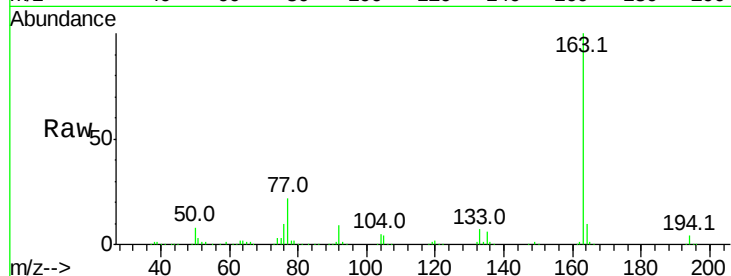
#49
Dimethylphthalate
Concen: 57.505 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.4	8.2	12.2	

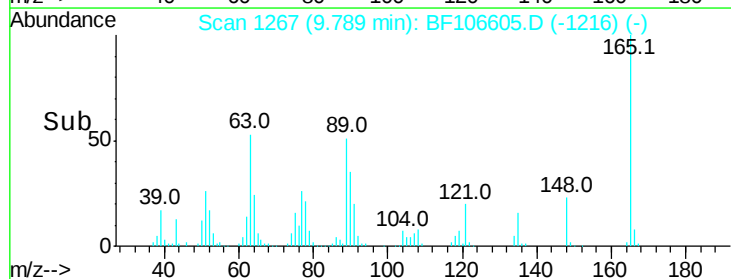
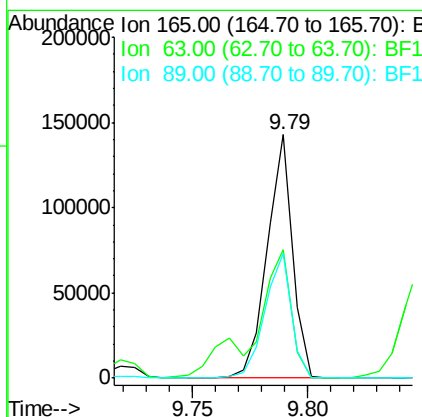
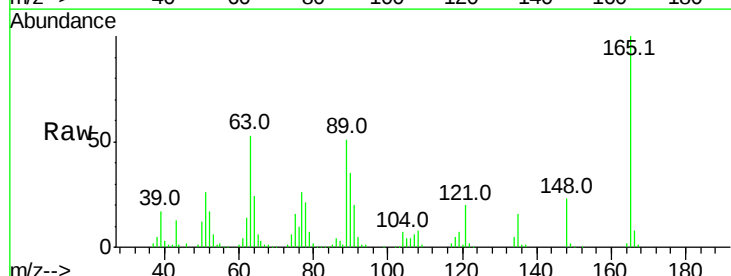
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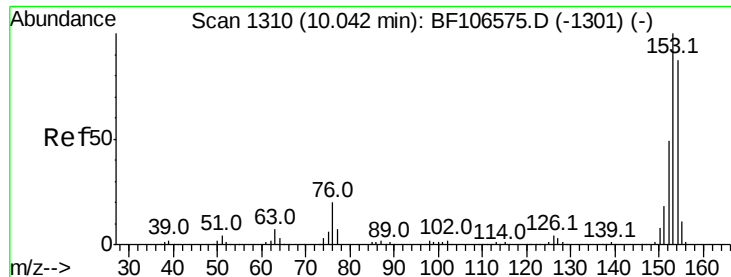
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.599 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.9	44.7	67.1	
89	51.2	44.0	66.0	





#51

Acenaphthene

Concen: 40.072 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MSD

Tot Ion:154 Resp: 377842

Ion Ratio Lower Upper

154 100

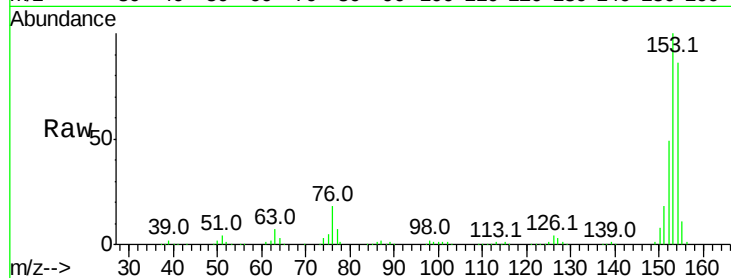
153 116.5 91.2 136.8

152 56.9 43.8 65.8

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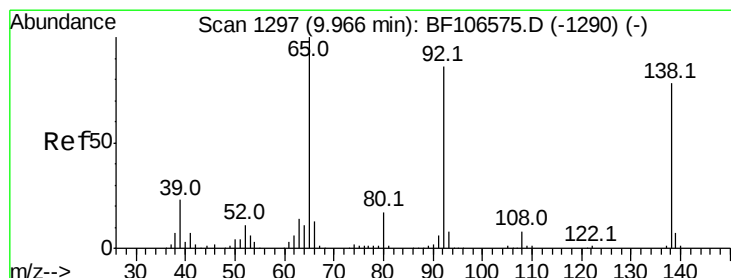
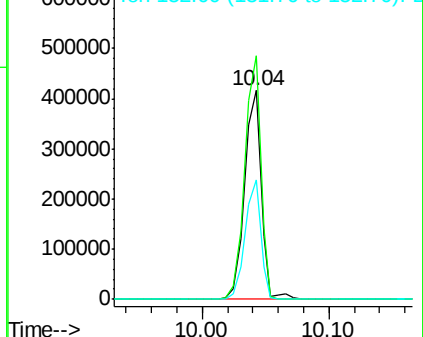
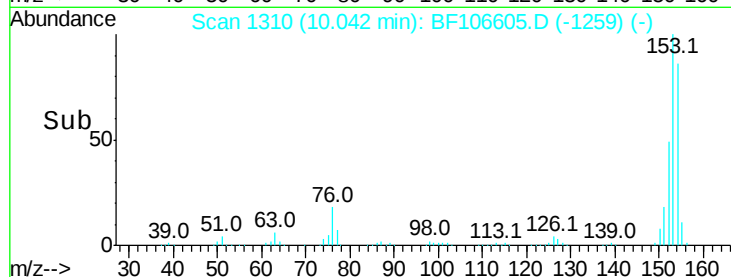
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.863 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

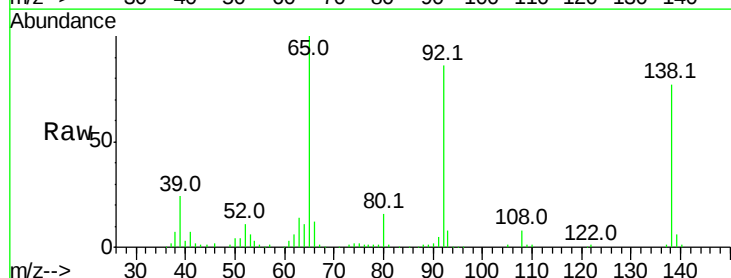
Tgt Ion:138 Resp: 90801

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

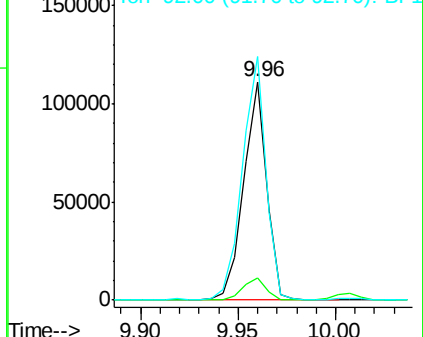
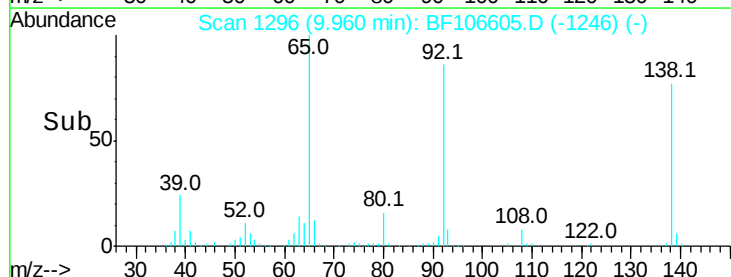
92 111.5 89.4 134.2

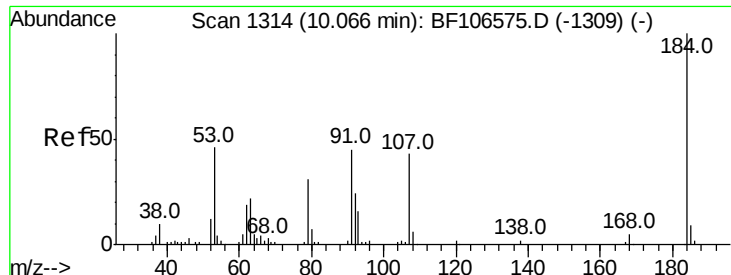


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





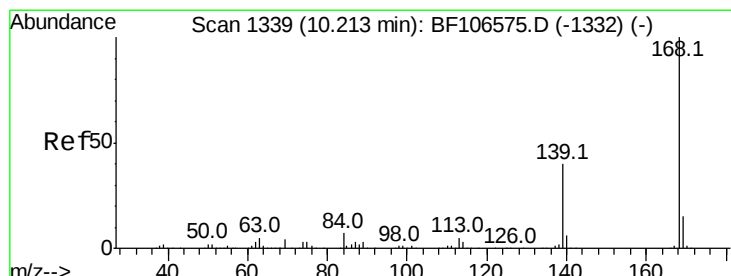
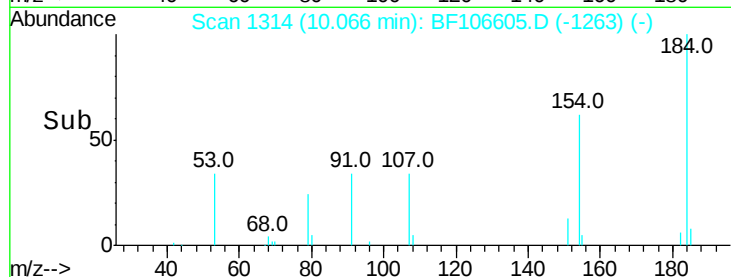
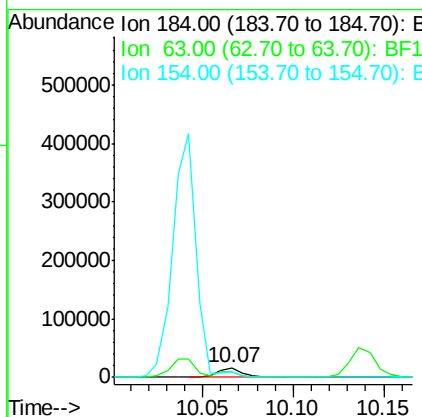
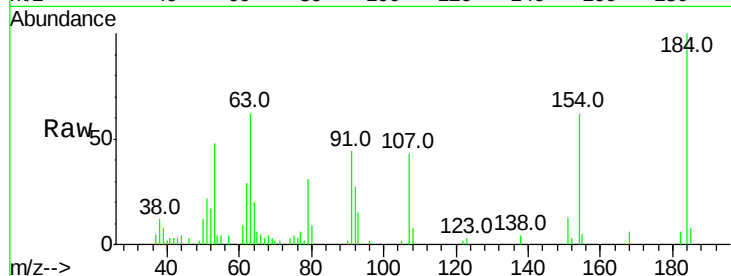
#53
2,4-Dinitrophenol
Concen: 16.940 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampled :
A-8(3.0)MSD

Tot Ion:184 Resp: 15502
Ion Ratio Lower Upper
184 100
63 61.7 54.2 81.2
154 62.3 184.0 276.0#

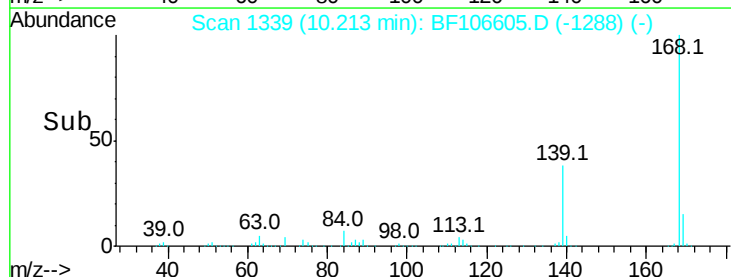
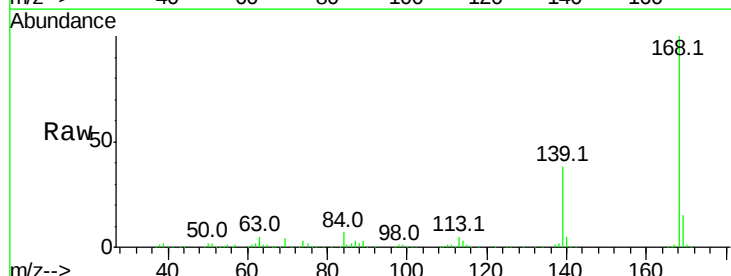
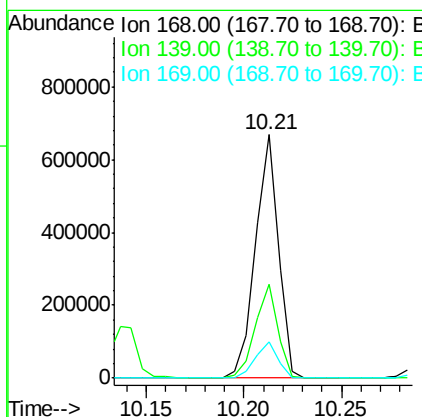
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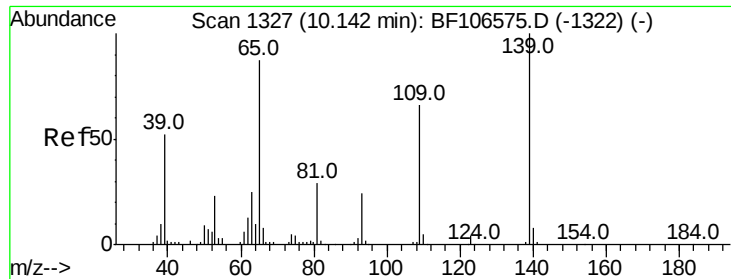
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#54
Dibenzofuran
Concen: 42.358 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion:168 Resp: 546895
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 14.8 10.9 16.3





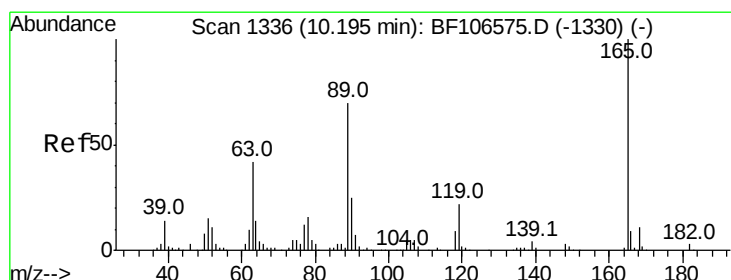
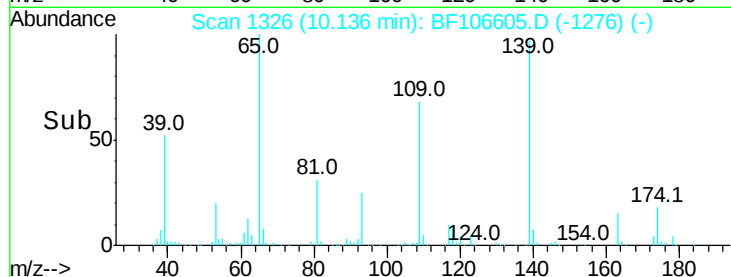
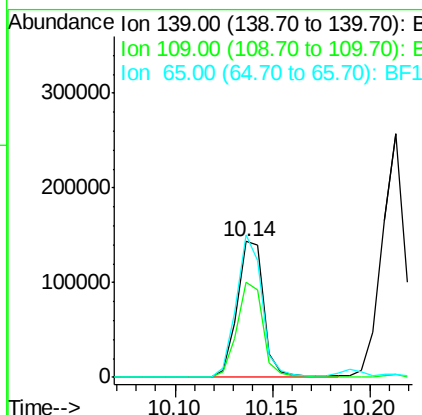
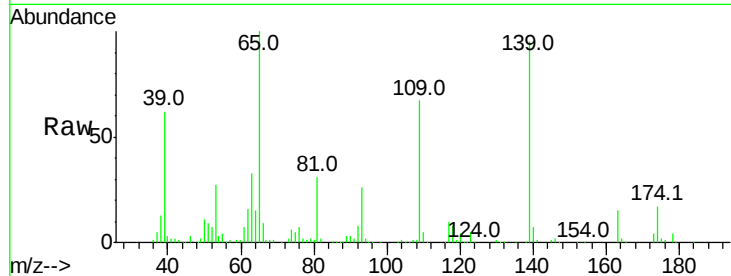
#55
4-Nitrophenol
Concen: 70.790 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.1	48.4	88.4	
65	105.1	72.6	112.6	

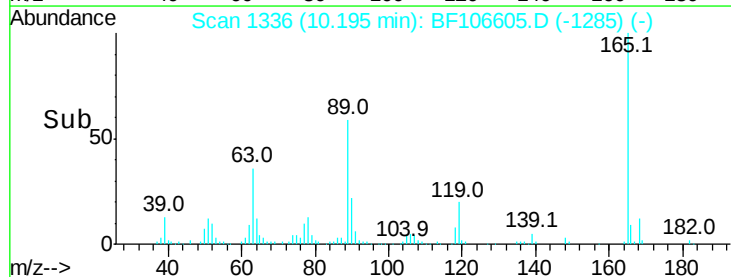
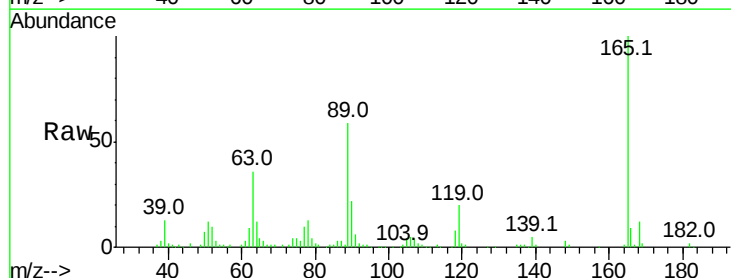
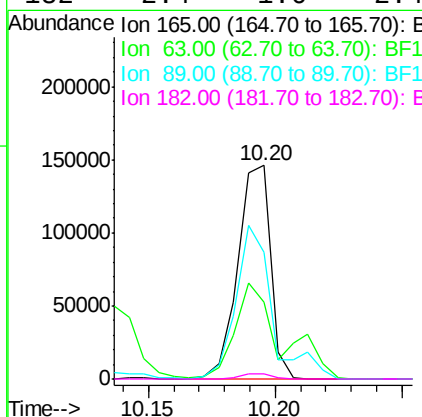
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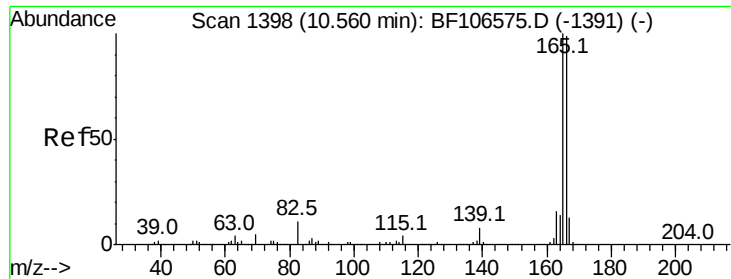
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.777 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.8	36.4	54.6#	
89	59.3	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 39.538 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

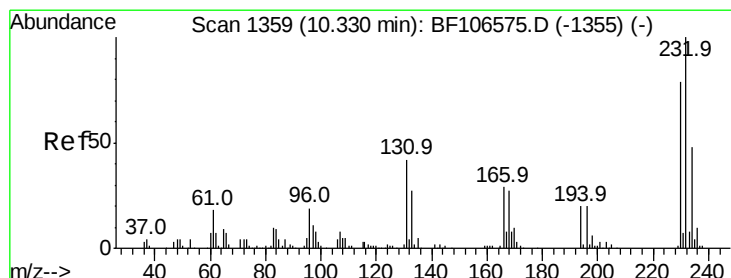
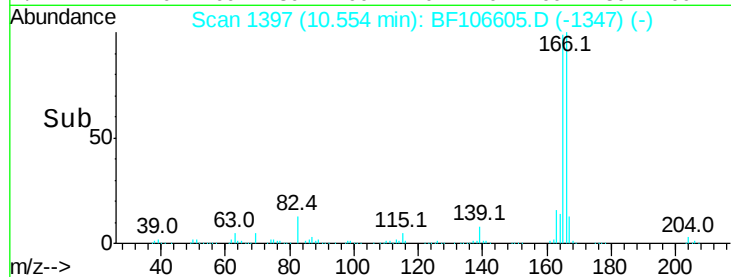
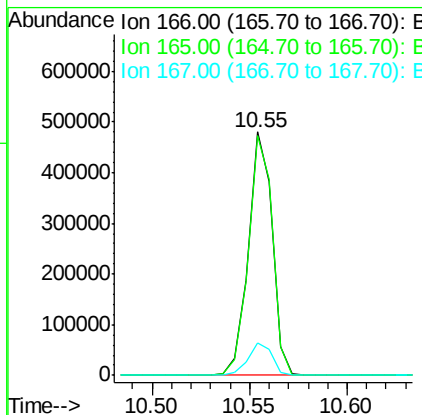
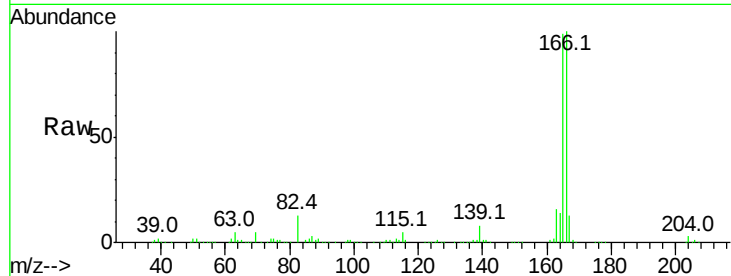
ClientSampleId :

A-8(3.0)MSD

Tot Ion:	166	Resp:	405084
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.222 ng

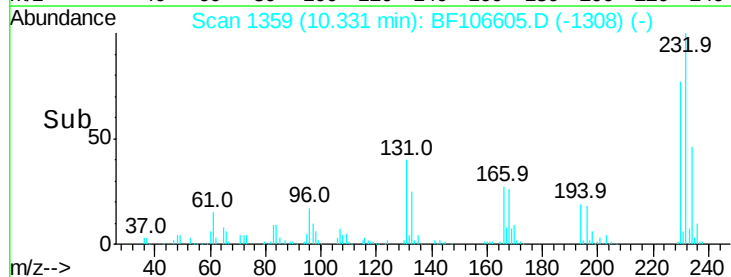
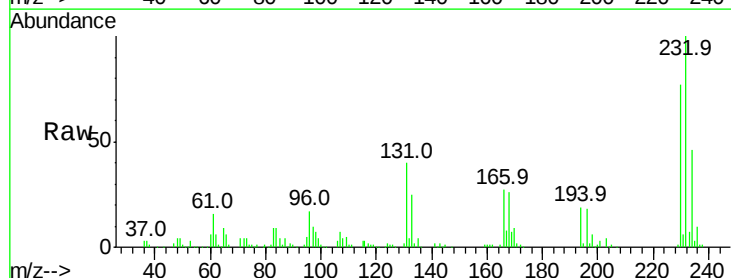
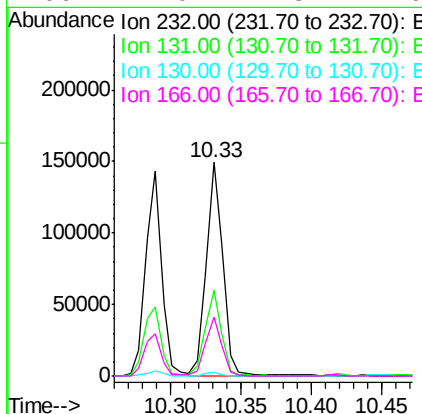
RT: 10.33 min Scan# 1359

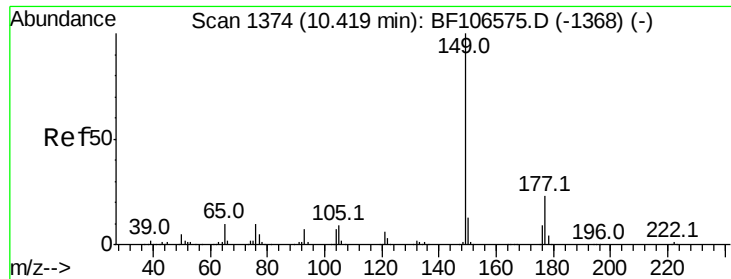
Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	232	Resp:	121334
Ion Ratio	Lower	Upper	
232	100		
131	40.2	43.8	65.8#
130	1.8	2.1	3.1#
166	27.0	27.8	41.6#





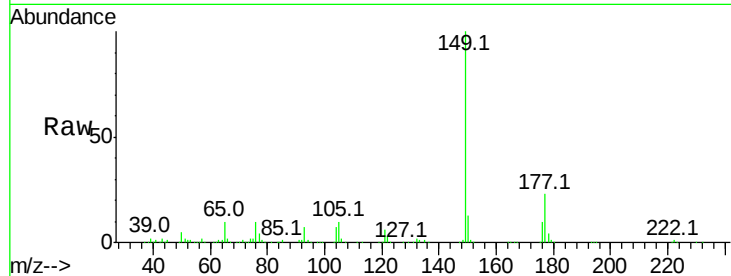
#59
Diethylphthalate
Concen: 43.575 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

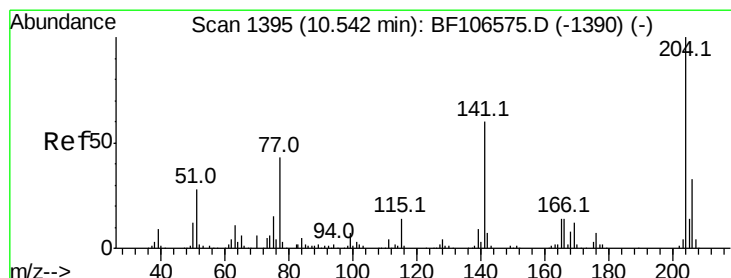
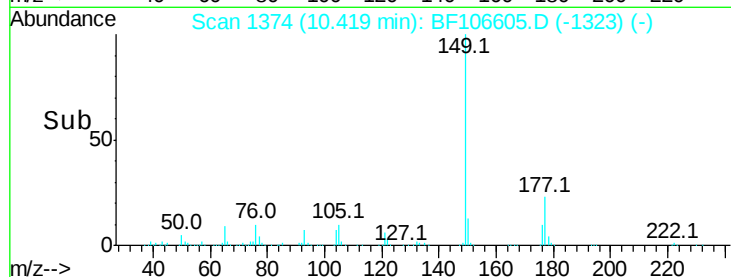
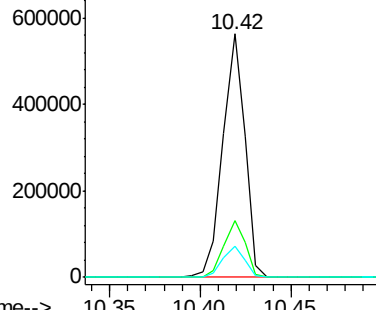
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.2	16.1	24.1	
150	12.8	10.1	15.1	

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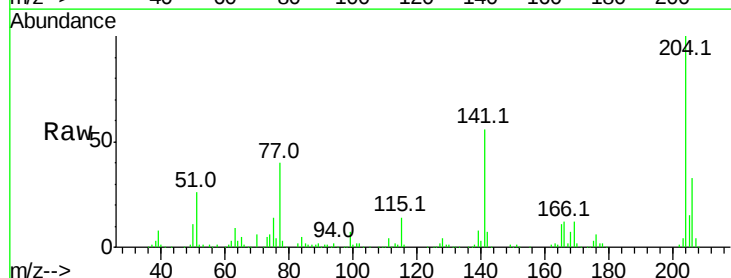


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

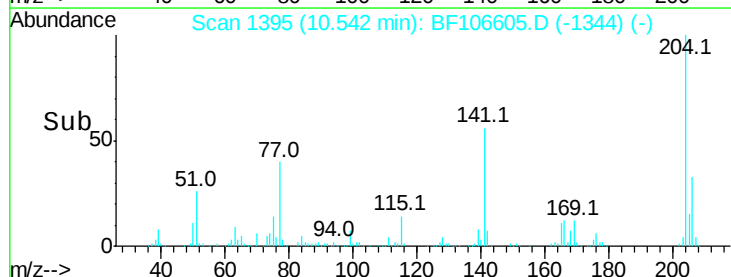
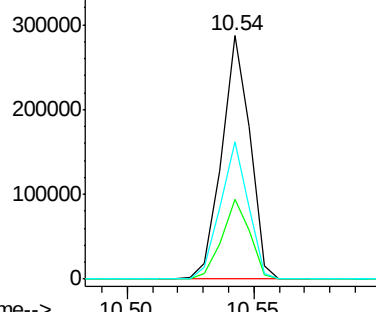


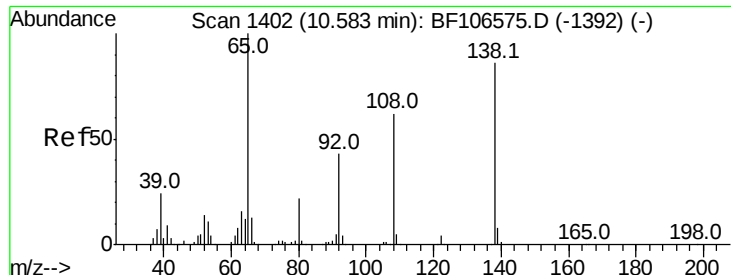
#60
4-Chlorophenyl-phenylether
Concen: 41.555 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.0	26.5	39.7	
141	56.4	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





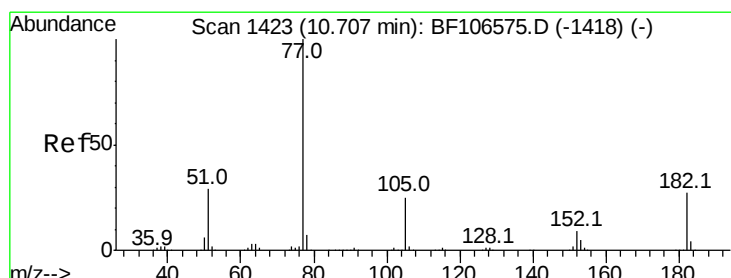
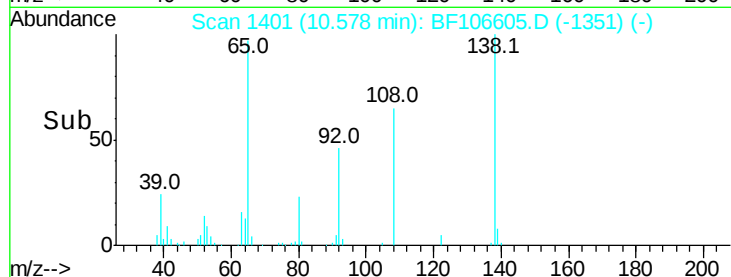
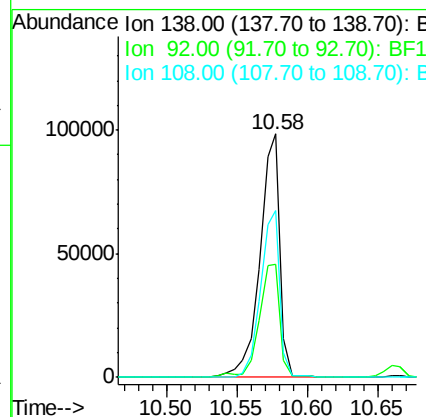
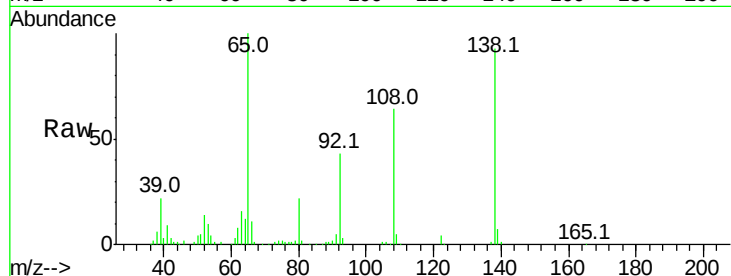
#61
4-Nitroaniline
Concen: 35.752 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampled :
A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.6	30.2	70.2	
108	68.5	52.5	92.5	

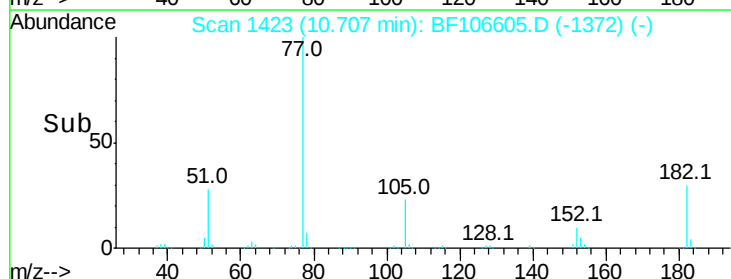
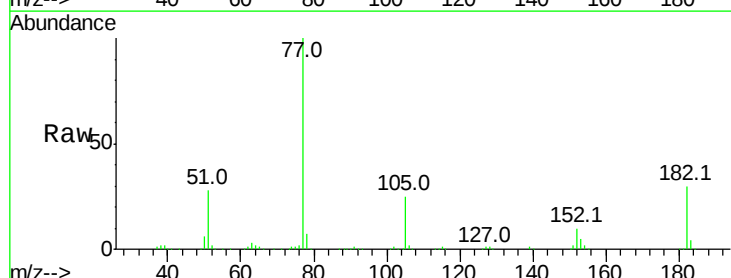
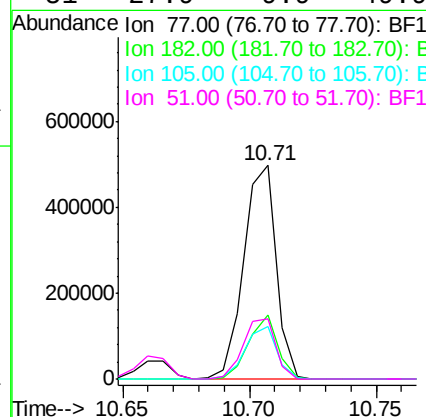
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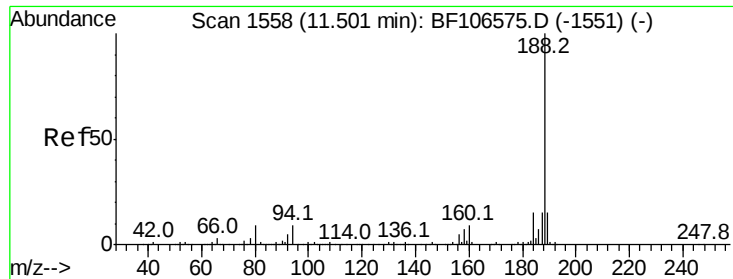
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#62
Azobenzene
Concen: 40.891 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.9	1.7	41.7	
105	24.9	3.0	43.0	
51	27.9	9.9	49.9	





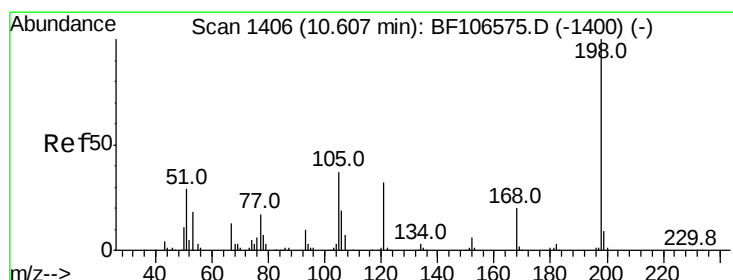
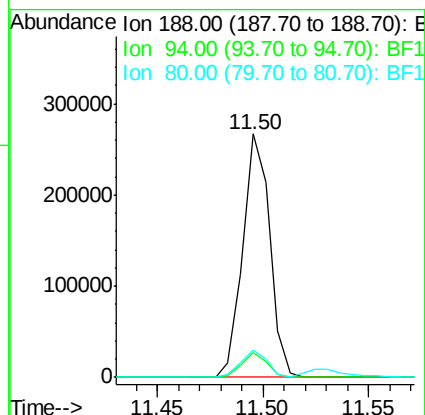
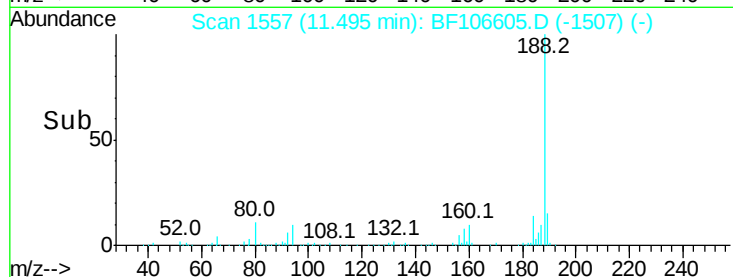
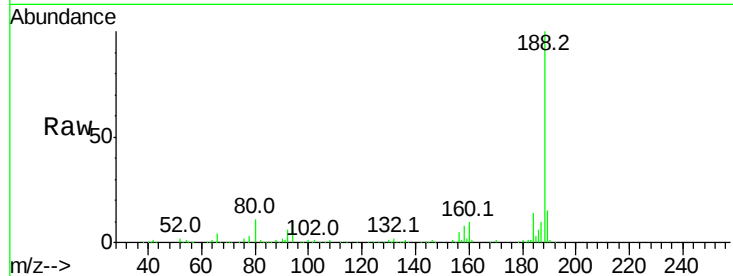
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	235481		
94	10.2		8.5	12.7
80	11.3		9.2	13.8

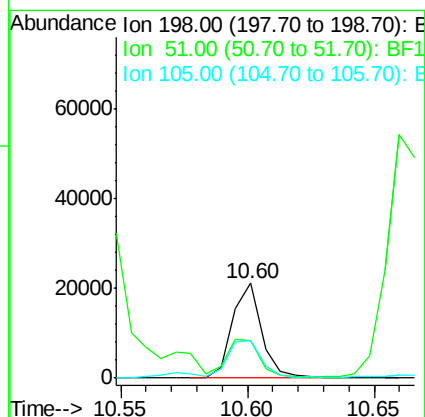
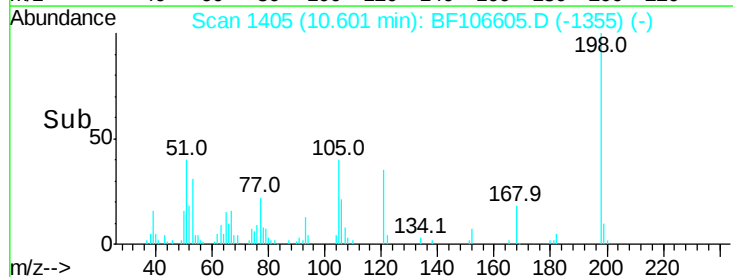
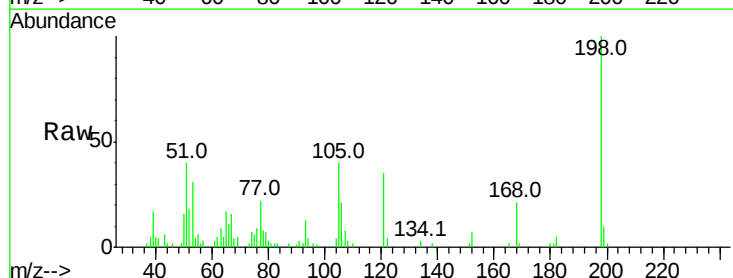
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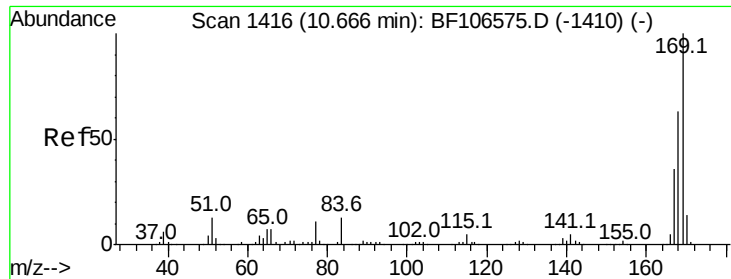
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.614 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	16906		
51	39.6		37.7	77.7
105	40.0		36.3	76.3





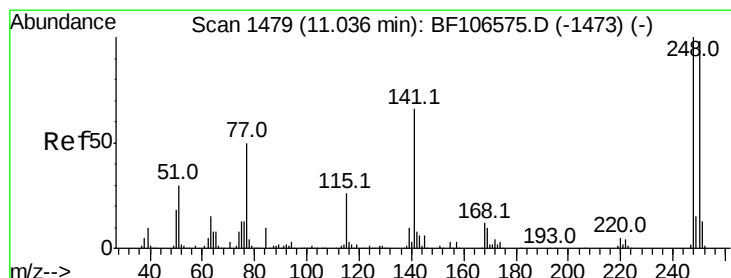
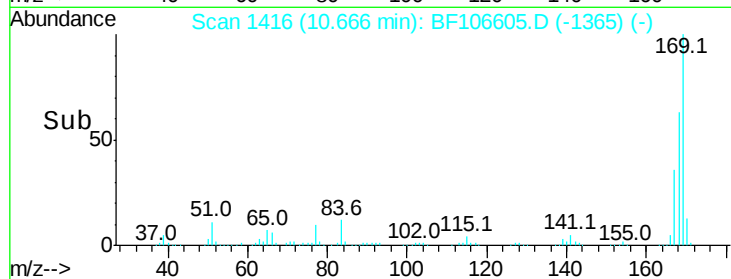
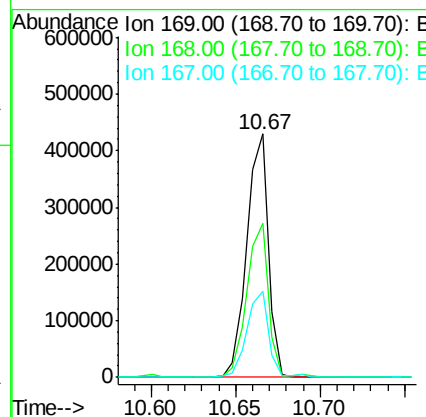
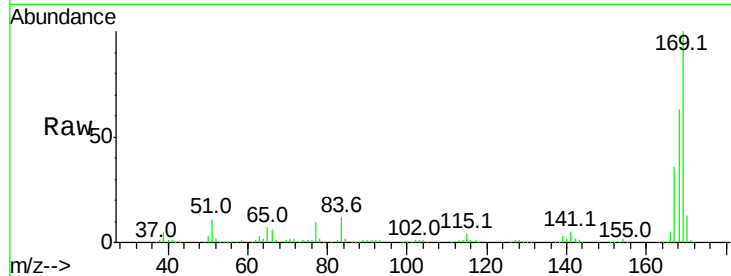
#65
 n-Nitrosodiphenylamine
 Concen: 48.604 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.2	54.4	81.6	
167	35.6	29.8	44.6	

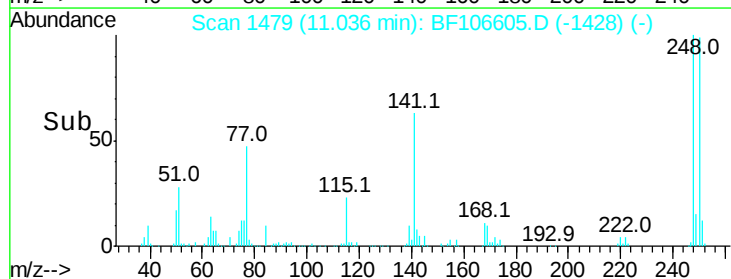
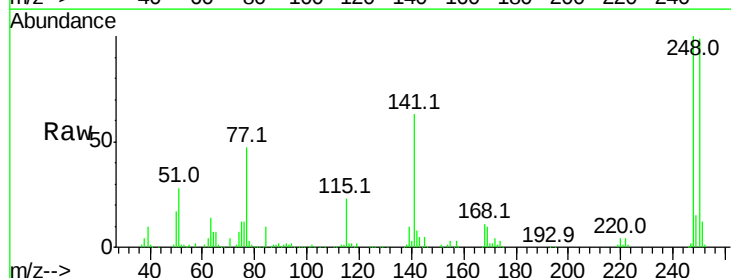
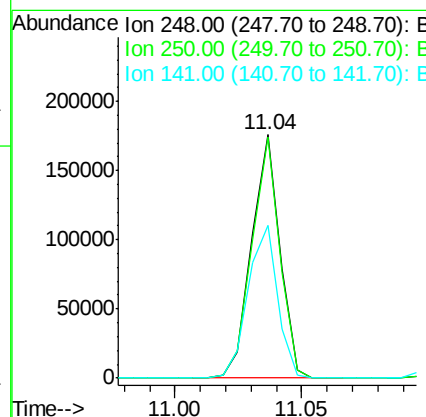
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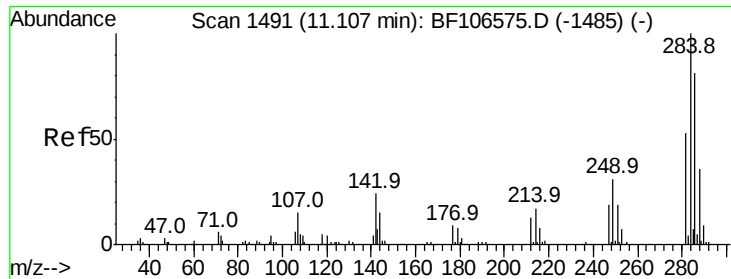
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 48.553 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.2	76.9	115.3	
141	62.6	74.4	111.6	





#67

Hexachlorobenzene

Concen: 45.371 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

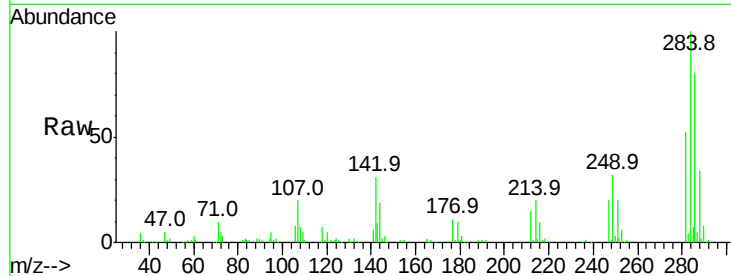
ClientSampleId :

A-8(3.0)MSD

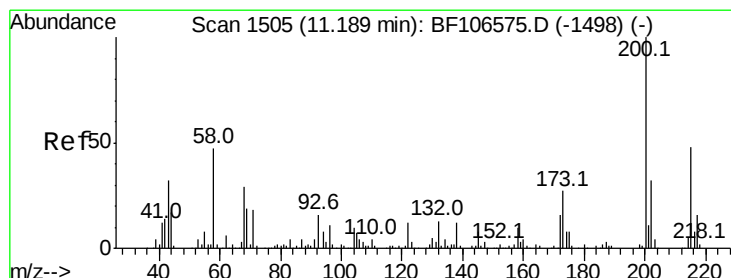
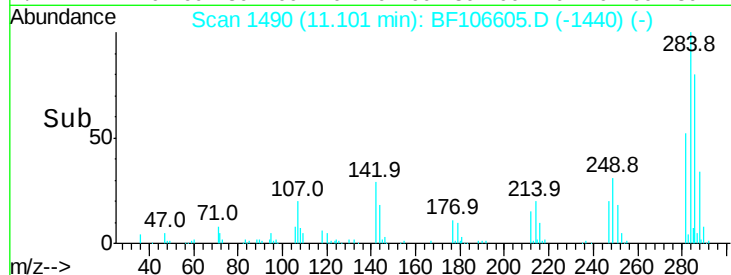
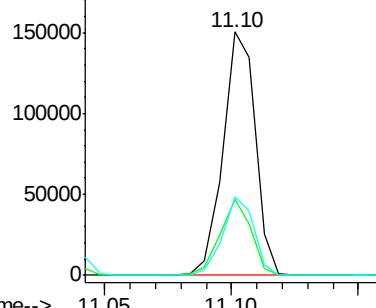
Tot Ion:	284	Resp:	133455
Ion Ratio	Lower	Upper	
284	100		
142	31.0	34.6	52.0#
249	32.4	24.8	37.2

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



#68

Atrazine

Concen: 48.222 ng

RT: 11.19 min Scan# 1505

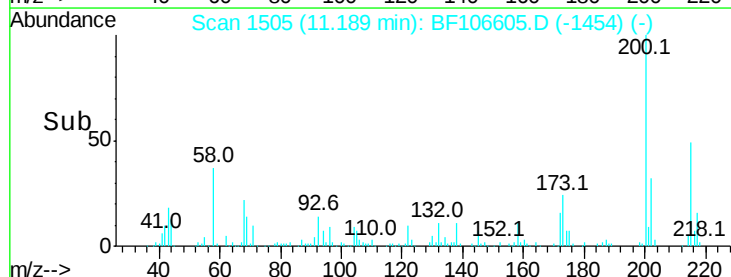
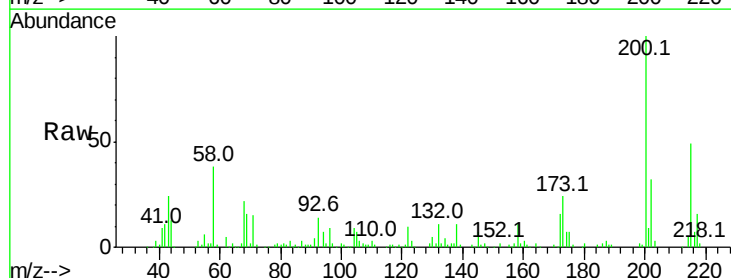
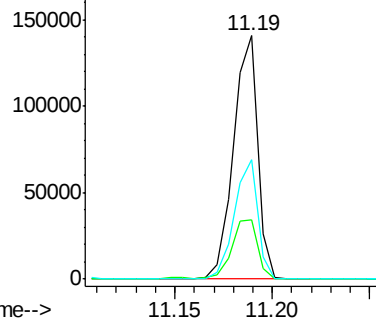
Delta R.T. 0.00 min

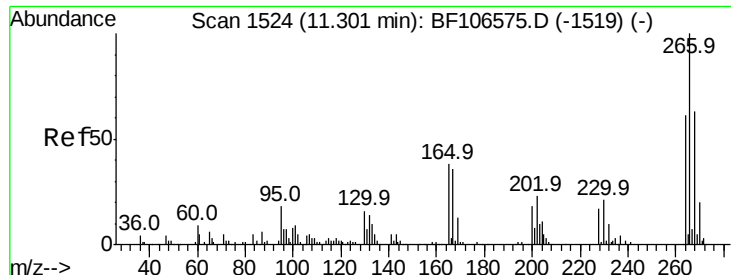
Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	200	Resp:	121419
Ion Ratio	Lower	Upper	
200	100		
173	24.5	8.6	48.6
215	49.1	25.1	65.1

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





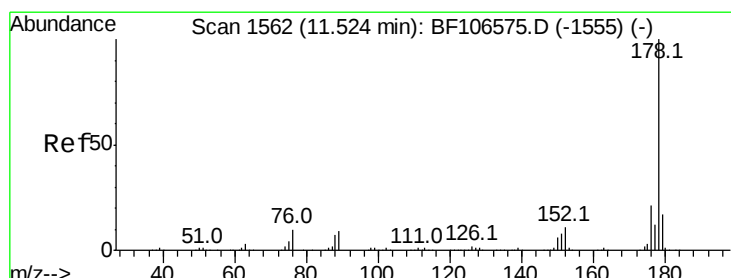
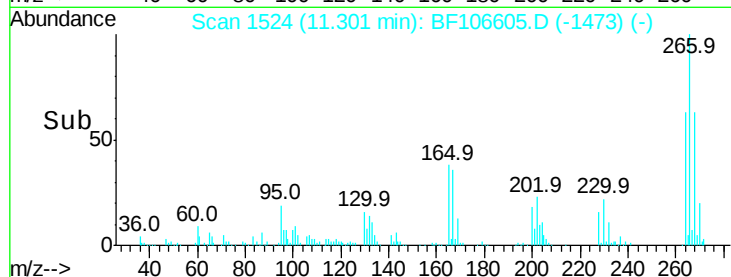
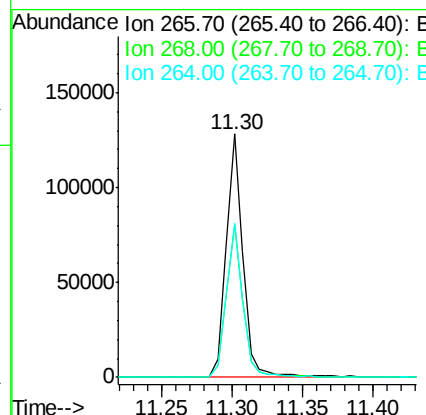
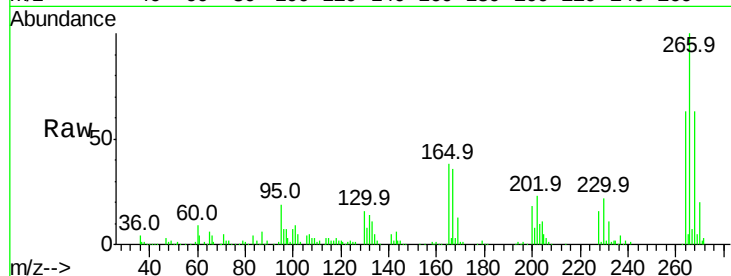
#69
 Pentachlorophenol
 Concen: 72.184 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	105941		
268	62.5	51.1	76.7	
264	63.0	49.5	74.3	

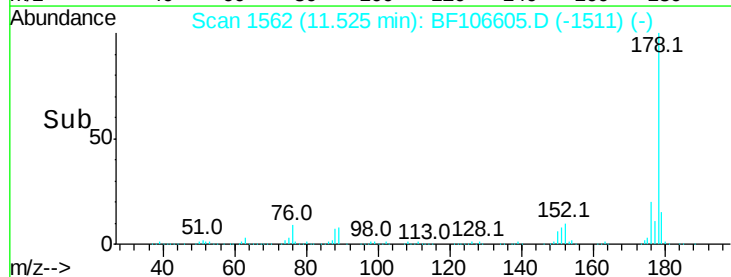
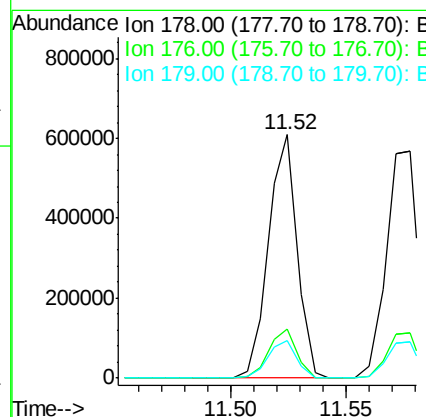
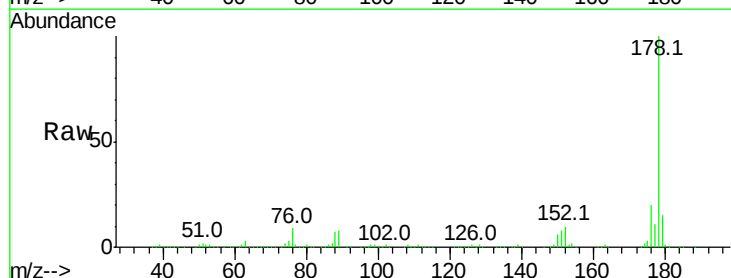
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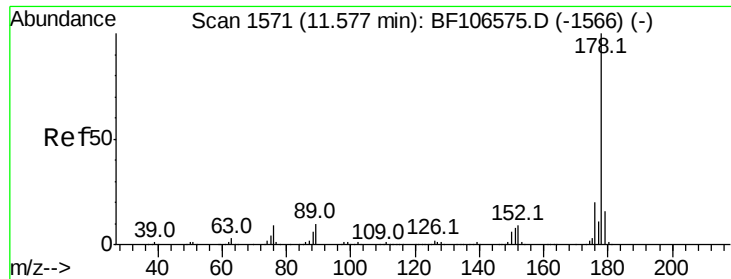
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#70
 Phenanthrene
 Concen: 46.234 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	525116		
176	20.2	15.8	23.8	
179	15.3	13.0	19.6	





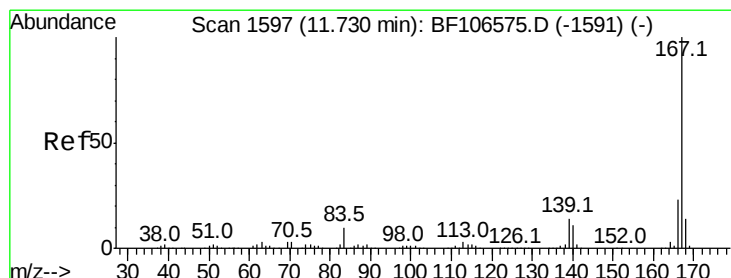
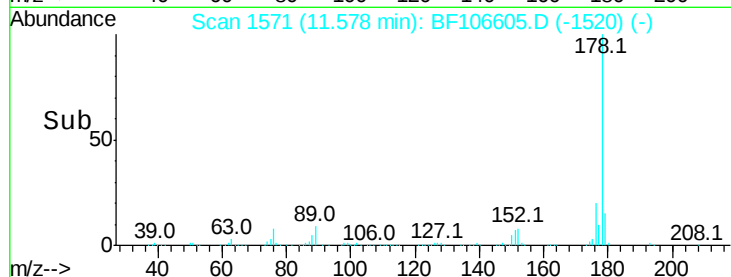
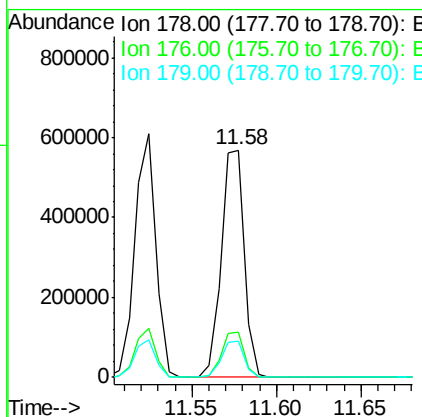
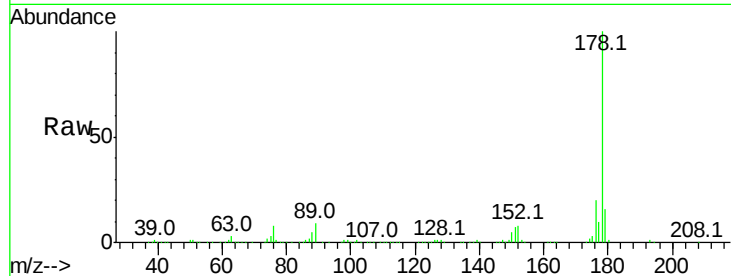
#71
 Anthracene
 Concen: 46.487 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.0	12.6	19.0

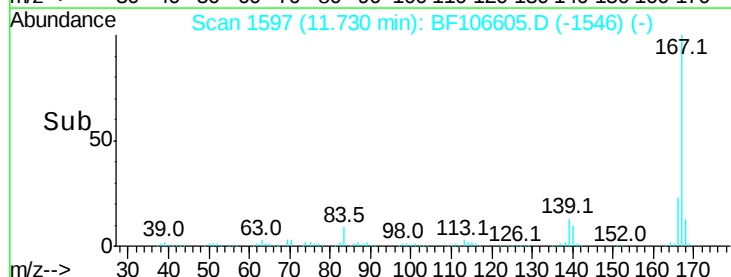
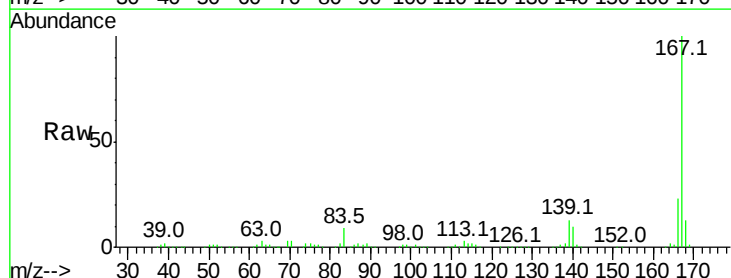
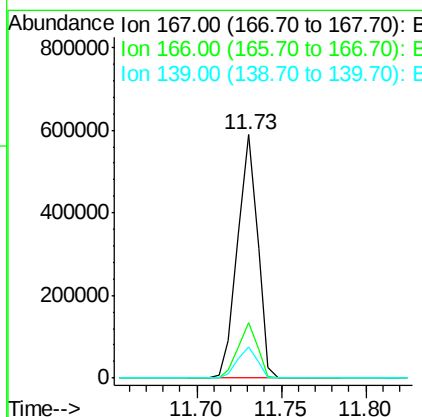
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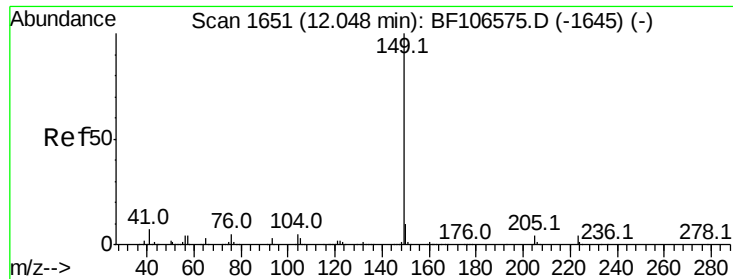
Sohil
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#72
 Carbazole
 Concen: 45.015 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.101 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

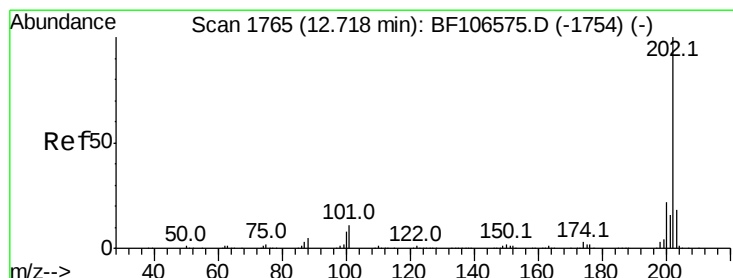
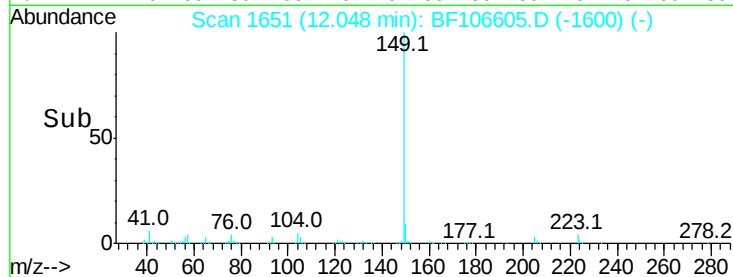
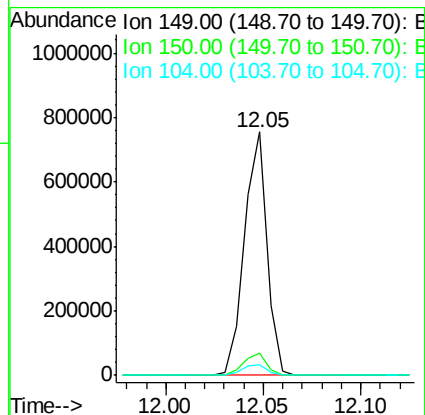
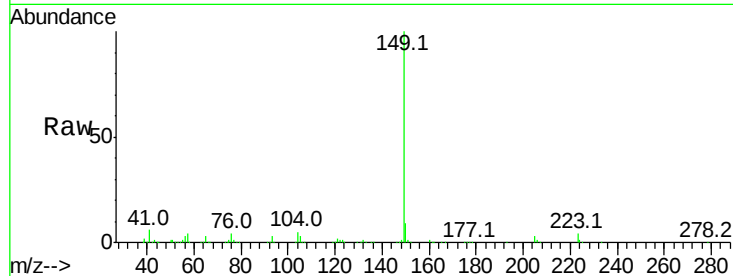
ClientSampled :

A-8(3.0)MSD

Tot Ion:	149	Resp:	602266
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 47.858 ng

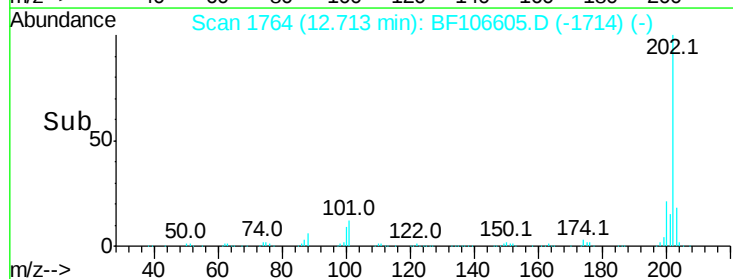
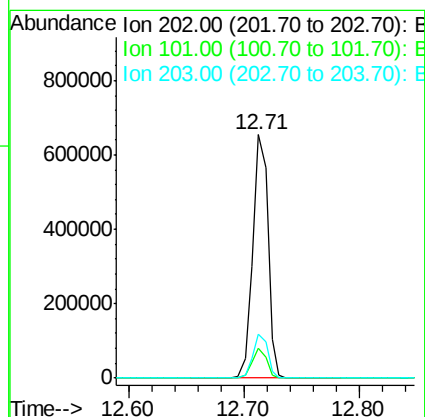
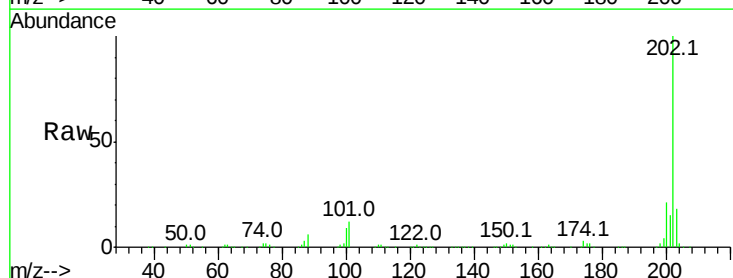
RT: 12.71 min Scan# 1764

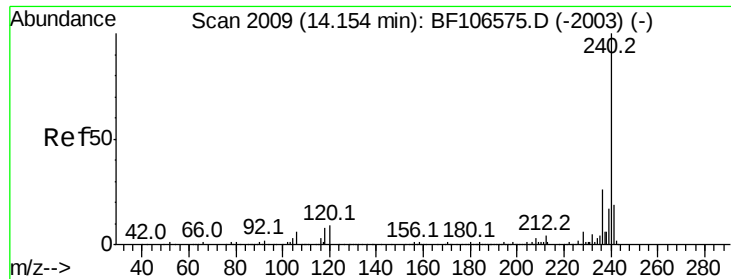
Delta R.T. -0.01 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	202	Resp:	599116
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

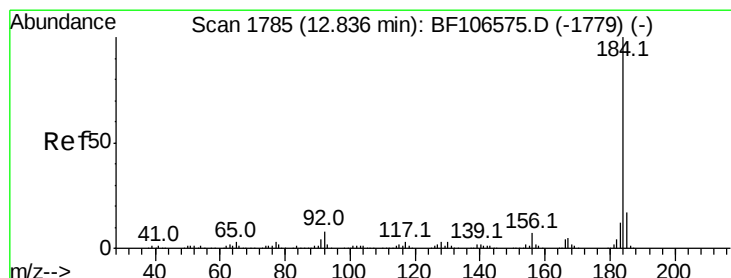
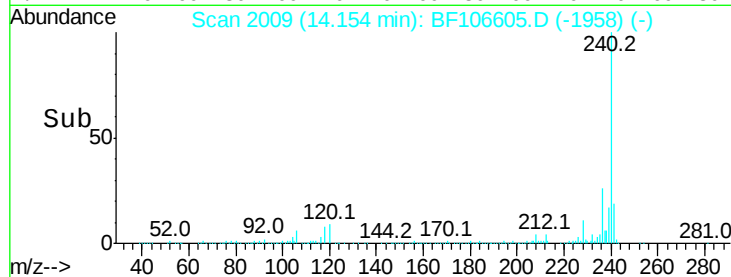
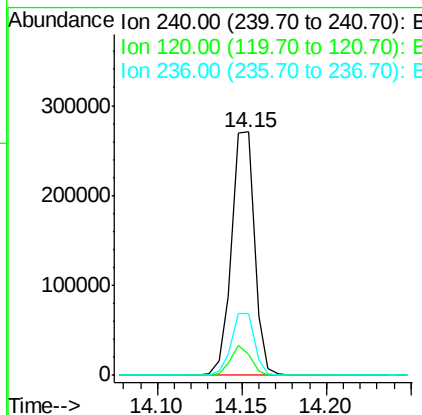
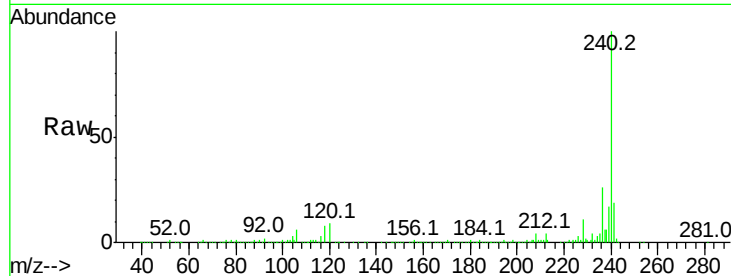
ClientSampleId :

A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.7	20.7	31.1

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#76

Benzidine

Concen: 27.632 ng

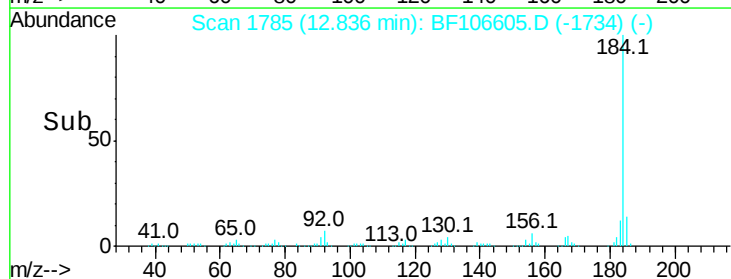
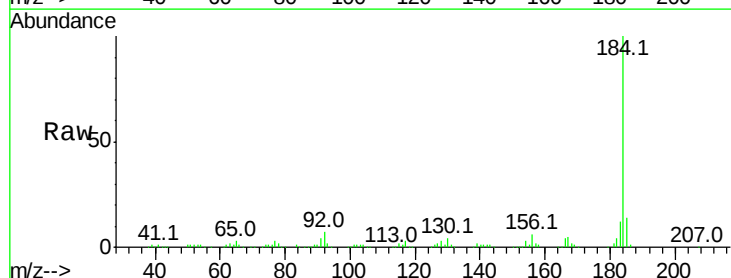
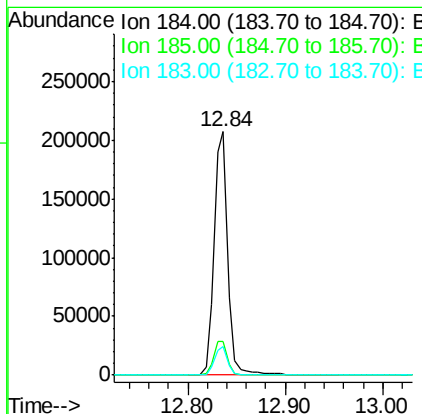
RT: 12.84 min Scan# 1785

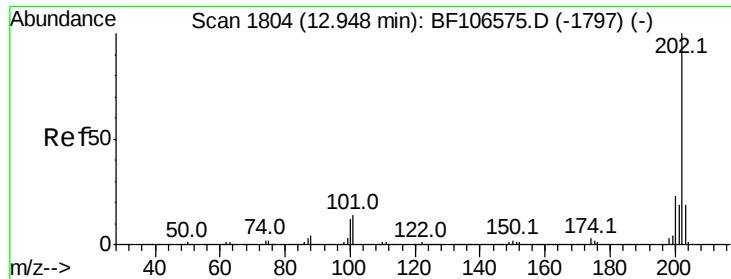
Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.7	9.3	13.9





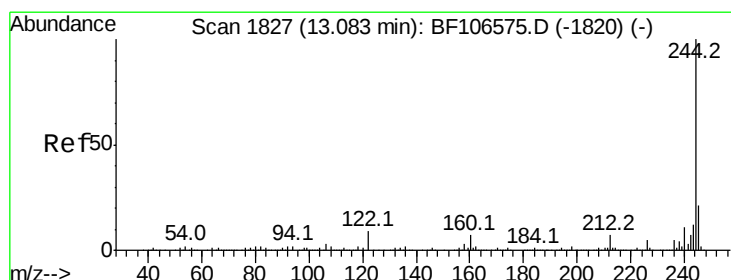
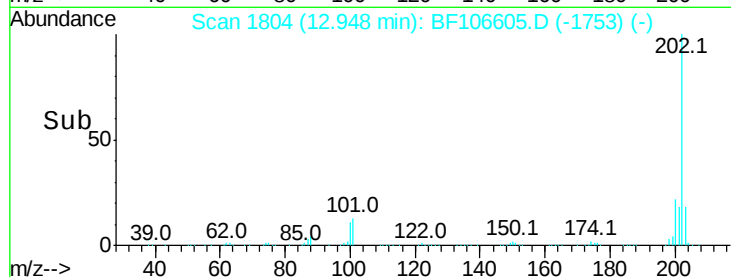
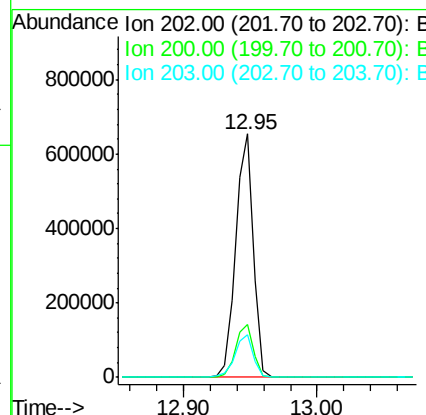
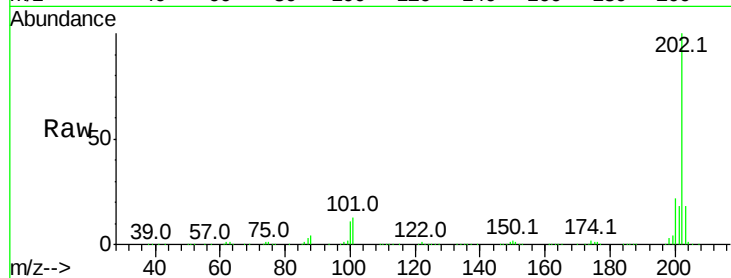
#77
Pvrene
Concen: 36.268 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	608334		
200	21.6		17.4	26.2
203	17.7		14.3	21.5

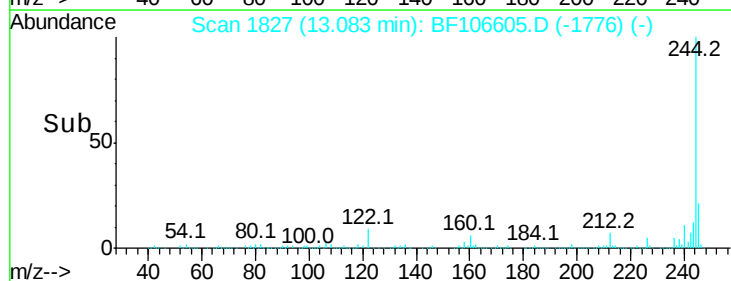
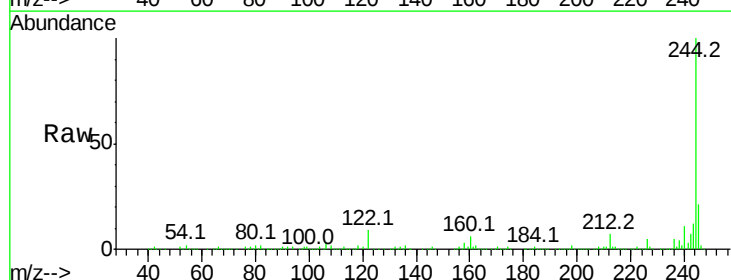
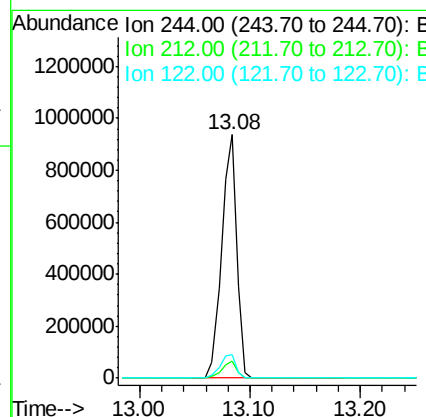
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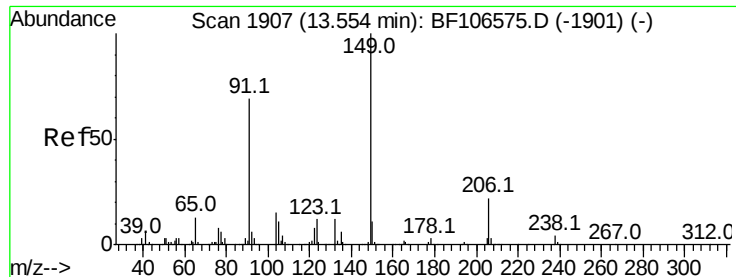
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#78
Terphenyl-d14
Concen: 83.662 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	878505		
212	6.8		5.4	8.0
122	9.4		11.0	16.4#





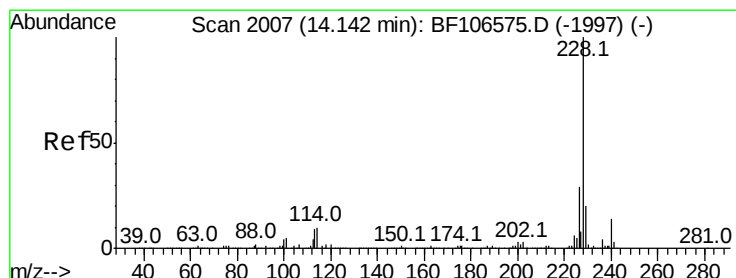
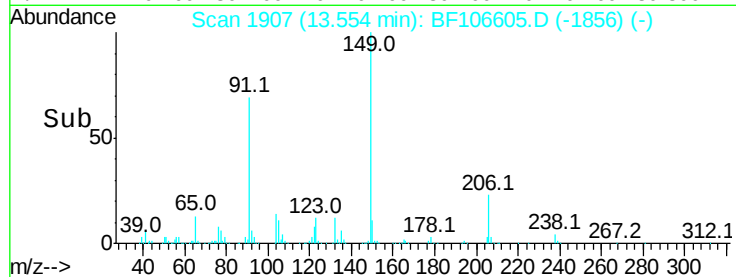
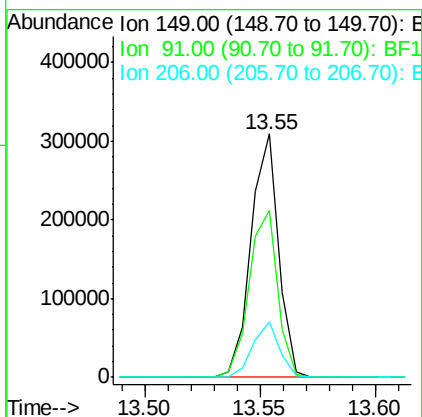
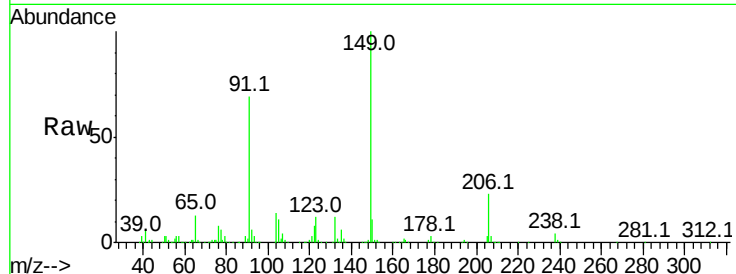
#79
Butylbenzylphthalate
Concen: 37.550 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.6	56.8	85.2
206	22.9	14.1	21.1

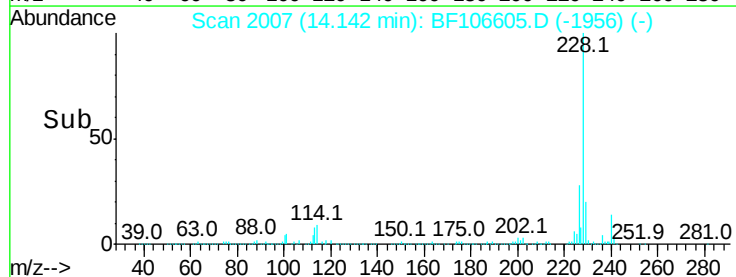
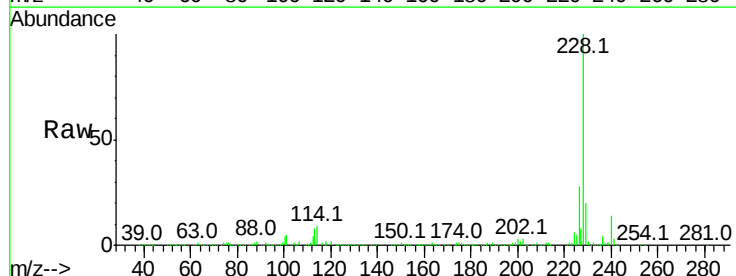
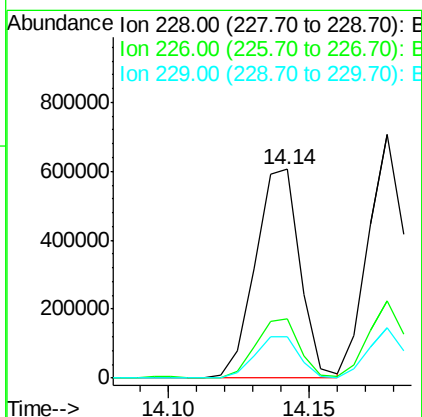
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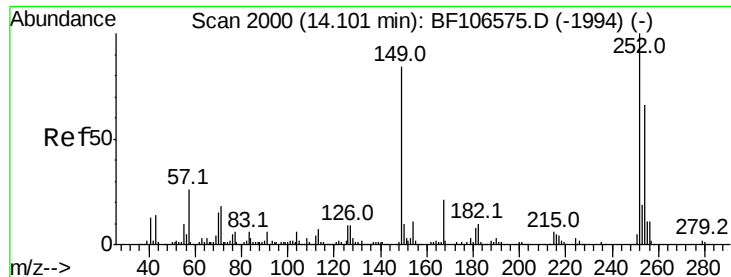
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#80
Benzo(a)anthracene
Concen: 42.864 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

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





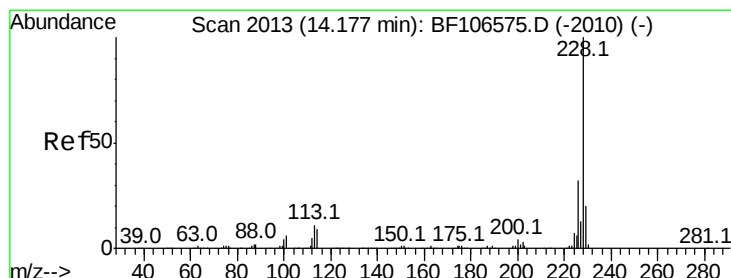
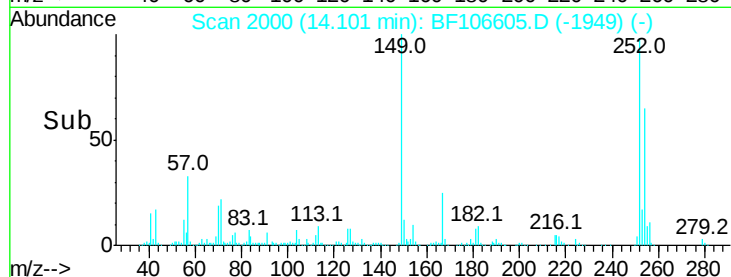
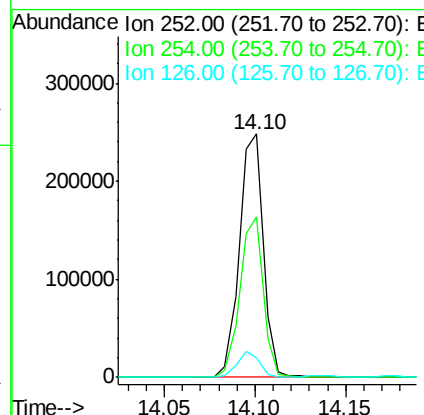
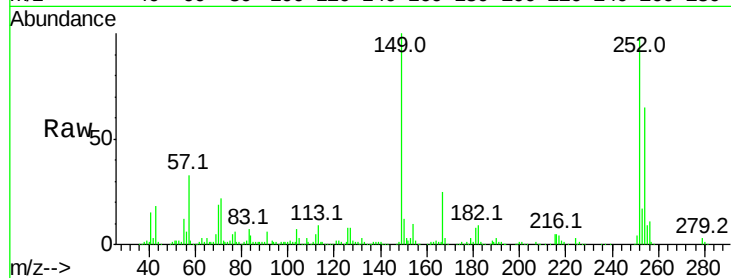
#81
 3,3'-Dichlorobenzidine
 Concen: 42.070 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.6	50.4	75.6
126	8.2	11.3	16.9

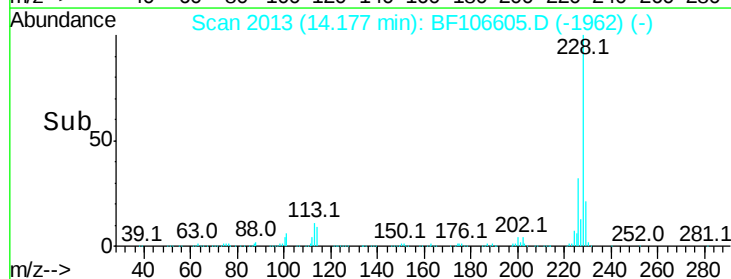
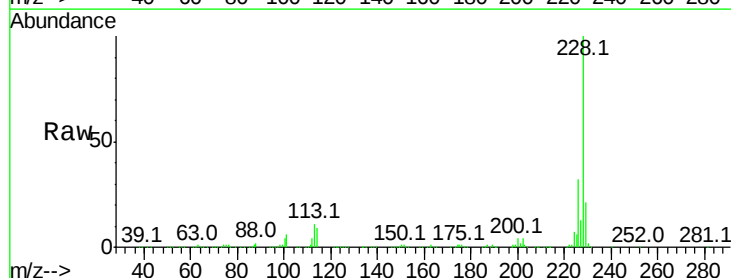
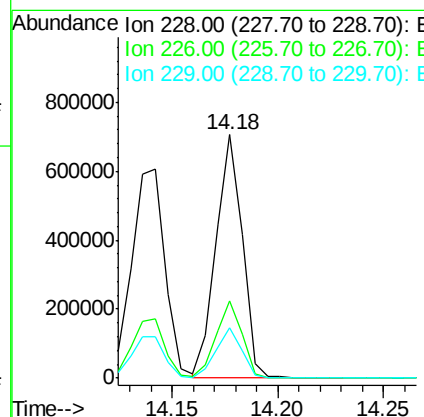
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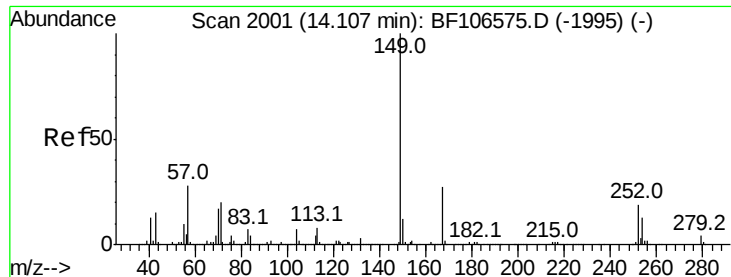
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#82
 Chrysene
 Concen: 43.280 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	25.0	37.6
229	20.5	16.2	24.4





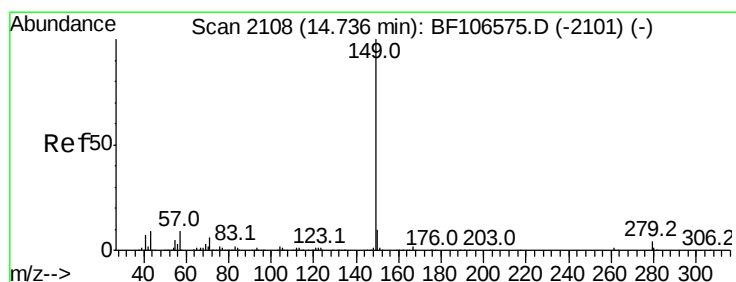
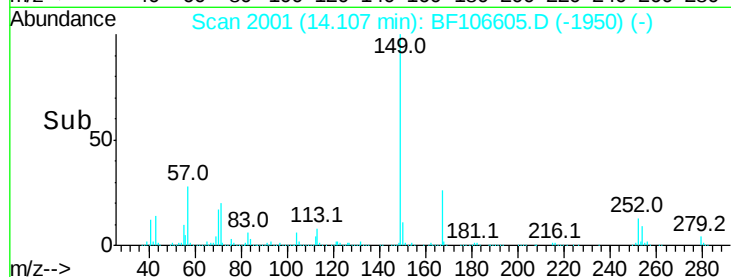
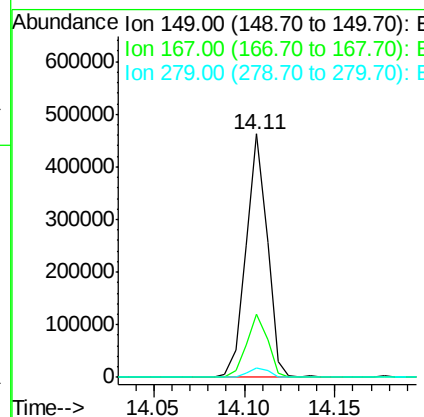
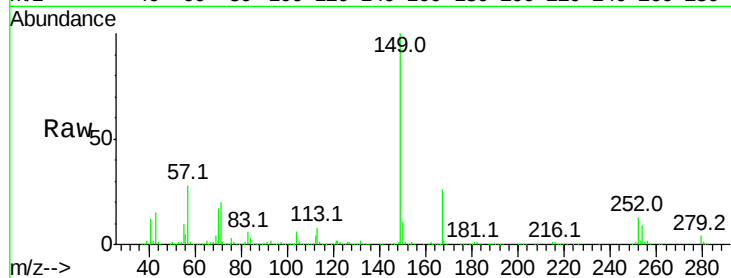
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.635 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	375903		
167	26.1	21.3	31.9	
279	3.9	3.0	4.4	

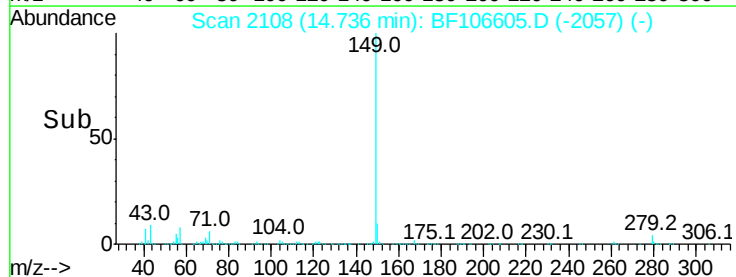
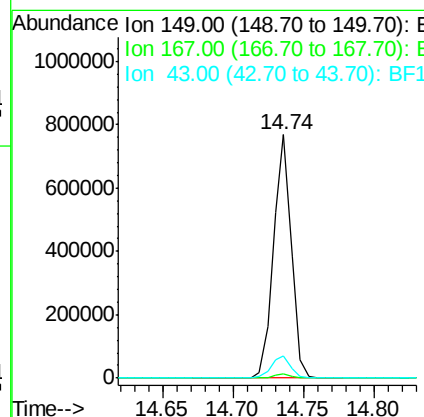
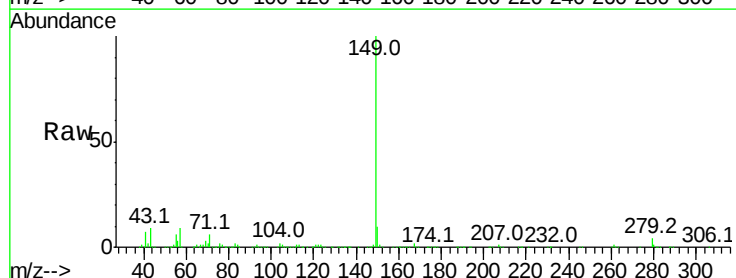
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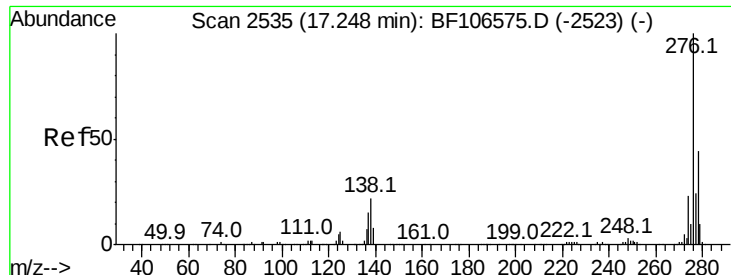
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 47.307 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	679880		
167	1.6	1.2	1.8	
43	9.3	8.4	12.6	





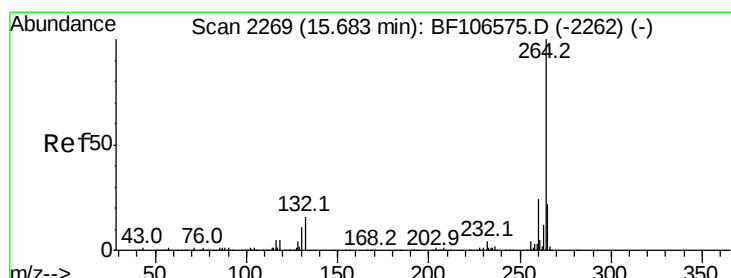
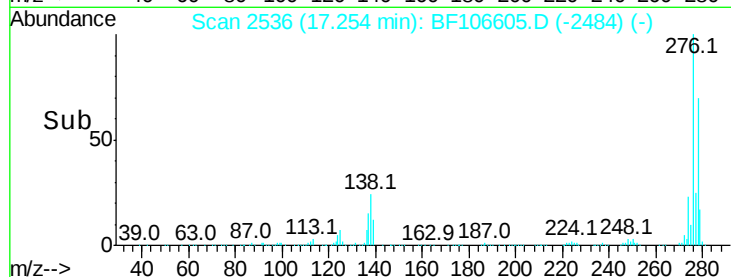
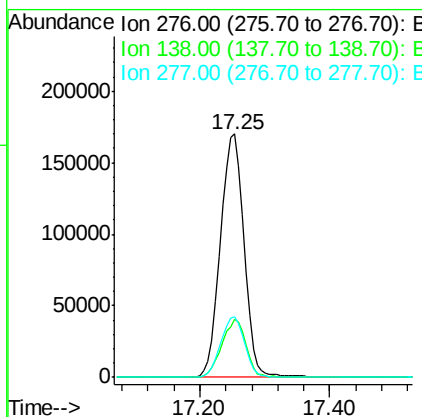
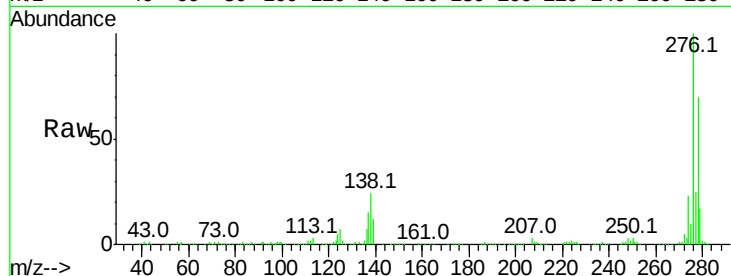
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.539 ng
RT: 17.25 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	25.2	20.1	30.1

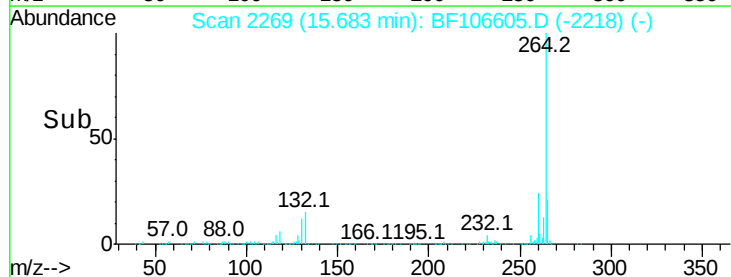
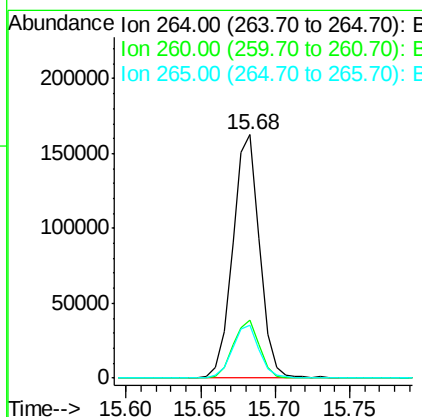
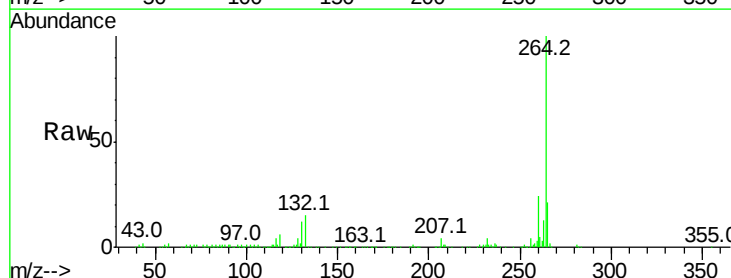
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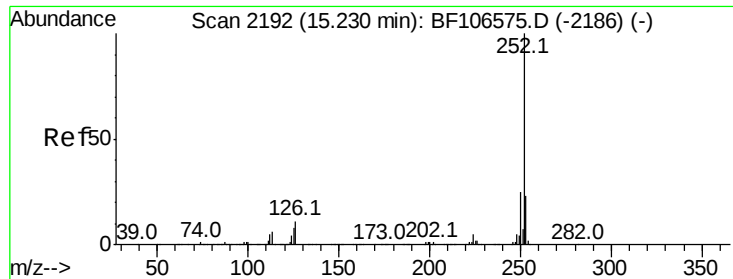
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.440 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Instrument :

BNA_F

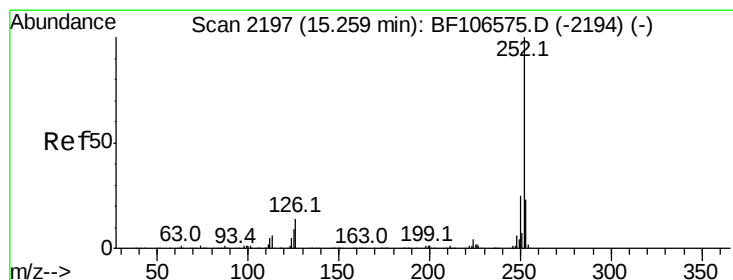
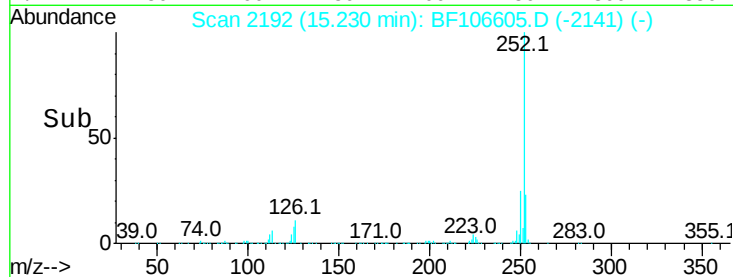
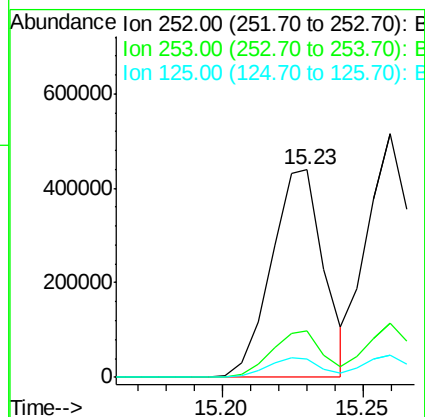
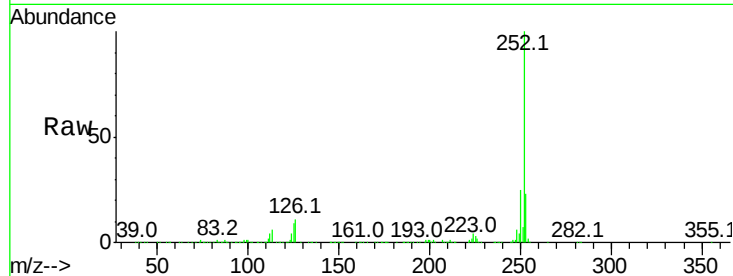
ClientSampleId :

A-8(3.0)MSD

Tot Ion:	252	Resp:	576846
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	8.6	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.433 ng

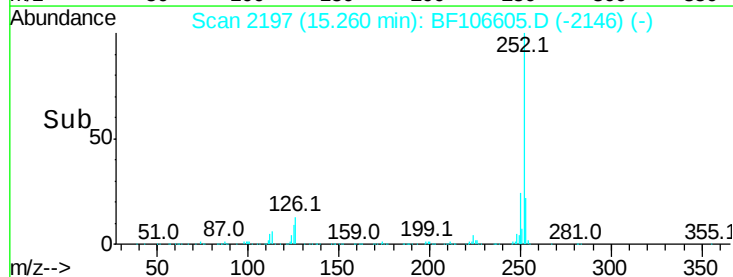
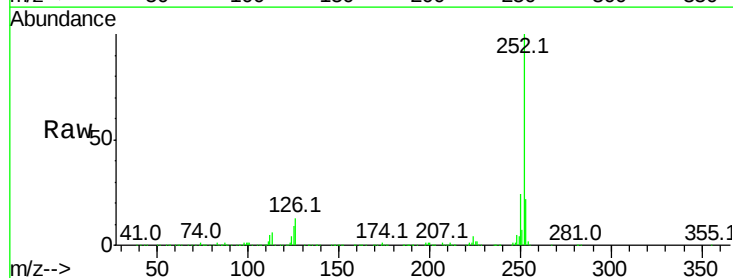
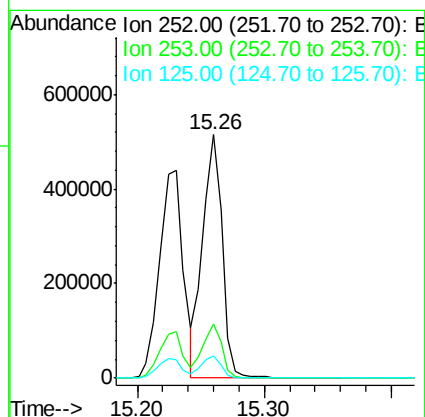
RT: 15.26 min Scan# 2197

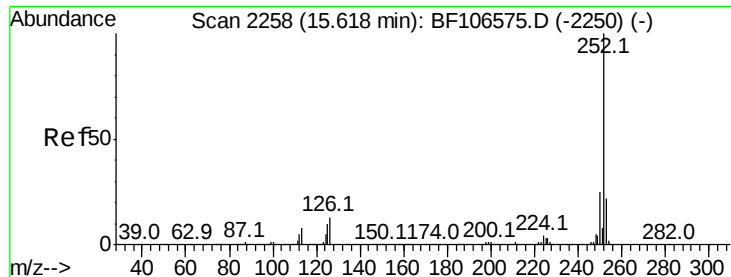
Delta R.T. 0.00 min

Lab File: BF106605.D

Acq: 20 Jun 2018 1:36

Tgt Ion:	252	Resp:	549243
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	9.3	10.2	15.2#





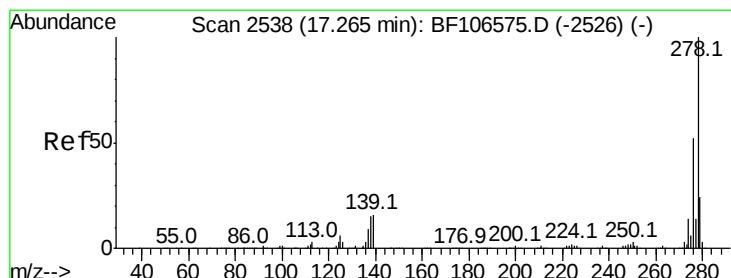
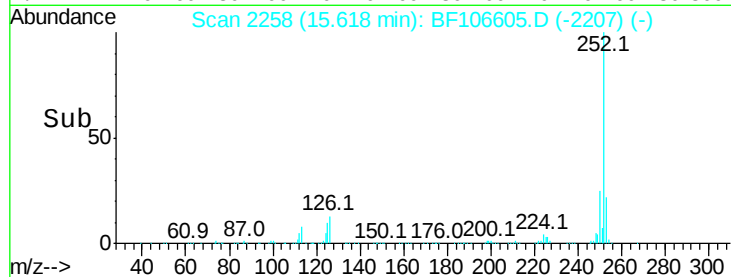
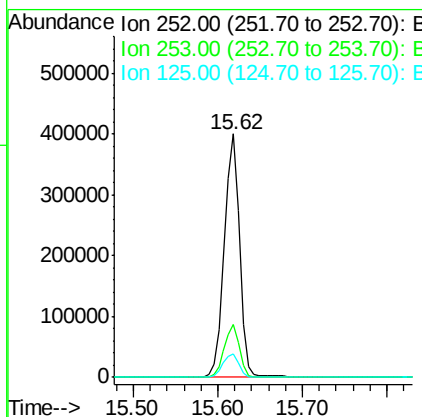
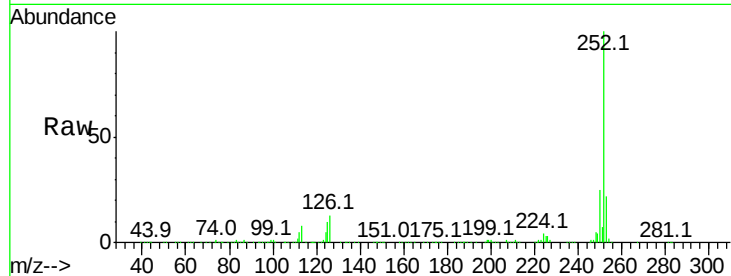
#89
Benzo(a)pyrene
Concen: 44.592 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Instrument :
BNA_F
ClientSampled :
A-8(3.0)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.9	9.8	14.6

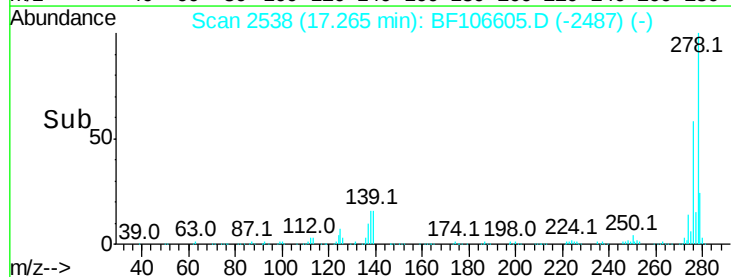
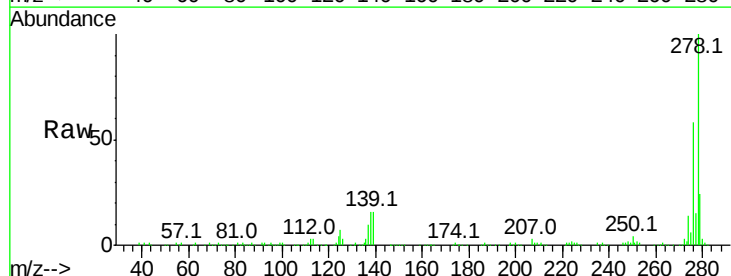
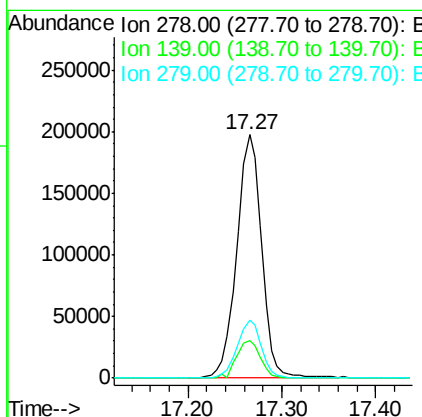
Manual Integrations
APPROVED

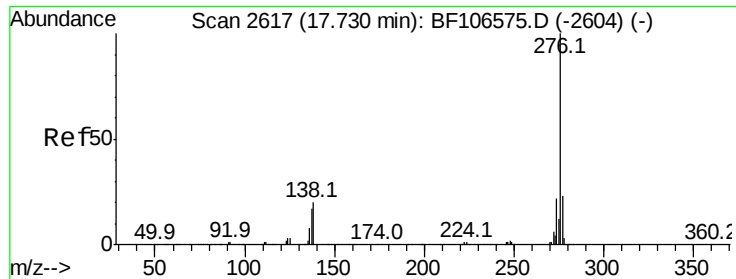
Sohil
6/20/2018 4:58:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.112 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BF106605.D
Acq: 20 Jun 2018 1:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9#
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.757 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. 0.00 min
 Lab File: BF106605.D
 Acq: 20 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.0	17.9	26.9
138	19.8	21.8	32.8

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