

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106437.D
 Acq On : 14 Jun 2018 13:03
 Operator : JU/SJ
 Sample : PB110197BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

Manual Integrations
 APPROVED

Sohil
 6/15/2018 11:16:43 AM

Quant Time: Jun 14 18:48:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127205	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	476228	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	229379	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	466391	20.00	ng	0.00
75) Chrysene-d12	14.17	240	405230	20.00	ng	0.00
86) Perylene-d12	15.72	264	313517	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	882089	117.36	ng	0.00
7) Phenol-d6	6.62	99	1048720	110.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	736725	91.01	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	337364	152.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1247030	103.07	ng	0.00
78) Terphenyl-d14	13.09	244	1414129	86.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	129697	33.344	ng	95
3) Pyridine	3.65	79	384205	35.445	ng	98
4) n-Nitrosodimethylamine	3.61	42	167454	33.722	ng	91
6) Aniline	6.63	93	232031	16.734	ng	# 1
8) 2-Chlorophenol	6.77	128	322181	39.862	ng	100
9) Benzaldehyde	6.52	77	216111	30.005	ng	98
10) Phenol	6.63	94	405960	39.162	ng	78
11) bis(2-Chloroethyl)ether	6.70	93	330034	37.191	ng	96
12) 1,3-Dichlorobenzene	6.91	146	367948	38.680	ng	99
13) 1,4-Dichlorobenzene	6.98	146	370346	38.365	ng	98
14) 1,2-Dichlorobenzene	7.14	146	345941	38.069	ng	100
15) Benzyl Alcohol	7.11	79	299910	36.881	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	477714	37.554	ng	# 36
17) 2-Methylphenol	7.23	107	274497	38.066	ng	# 90
18) Hexachloroethane	7.48	117	132662	38.569	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	233996	32.847	ng	97
20) 3+4-Methylphenols	7.38	107	364034	39.476	ng	96
22) Acetophenone	7.37	105	454850	37.900	ng	# 98
24) Nitrobenzene	7.55	77	363946	41.364	ng	98
25) Isophorone	7.78	82	653979	41.360	ng	98
26) 2-Nitrophenol	7.87	139	180982	52.993	ng	99
27) 2,4-Dimethylphenol	7.91	122	296659	44.318	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	413282	40.310	ng	99
29) 2,4-Dichlorophenol	8.12	162	288678	44.702	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	300459	41.495	ng	94
31) Naphthalene	8.27	128	913707	42.443	ng	99
32) Benzoic acid	8.03	122	180228m	38.250	ng	
33) 4-Chloroaniline	8.32	127	110053	11.536	ng	98
34) Hexachlorobutadiene	8.38	225	190983	41.055	ng	98
35) Caprolactam	8.70	113	96122m	44.005	ng	
36) 4-Chloro-3-methylphenol	8.82	107	303290	42.457	ng	99
37) 2-Methylnaphthalene	8.97	142	627461	42.793	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	314973	42.299	ng	98
40) Hexachlorocyclopentadiene	9.11	237	392960	95.649	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	221687	46.717	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	225553	44.091	nq #	93
45) 1,1'-Biphenyl	9.42	154	737692	41.521	nq	99
46) 2-Chloronaphthalene	9.45	162	602413	42.370	nq	98
47) 2-Nitroaniline	9.55	65	208517	46.620	nq	97
48) Acenaphthylene	9.87	152	952306	43.759	nq	98
49) Dimethylphthalate	9.72	163	680686	41.536	nq #	98
50) 2,6-Dinitrotoluene	9.79	165	155079	46.327	nq	96
51) Acenaphthene	10.04	154	554797	39.475	nq	98
52) 3-Nitroaniline	9.96	138	96487	24.285	nq	97
53) 2,4-Dinitrophenol	10.07	184	162210	102.792	nq #	14
54) Dibenzofuran	10.22	168	814240	43.024	nq	98
55) 4-Nitrophenol	10.15	139	245736	80.692	nq	95
56) 2,4-Dinitrotoluene	10.19	165	212683	50.595	nq #	97
57) Fluorene	10.56	166	636388	42.442	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	194943	48.080	nq #	84
59) Diethylphthalate	10.42	149	656752	40.376	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	320196	40.600	nq	90
61) 4-Nitroaniline	10.58	138	177347	45.879	nq	99
62) Azobenzene	10.71	77	692813	40.848	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	116884	46.660	nq	88
65) n-Nitrosodiphenylamine	10.67	169	597780	38.137	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	217848	41.067	nq #	81
67) Hexachlorobenzene	11.11	284	230100	42.075	nq #	86
68) Atrazine	11.19	200	196549	40.689	nq	95
69) Pentachlorophenol	11.31	266	222095	65.963	nq	98
70) Phenanthrene	11.52	178	949369	41.564	nq	98
71) Anthracene	11.58	178	983195	42.967	nq	98
72) Carbazole	11.74	167	894160	42.326	nq	98
73) Di-n-butylphthalate	12.05	149	998704	42.477	nq	100
74) Fluoranthene	12.72	202	1030755	42.316	nq	97
76) Benzidine	12.84	184	328772	24.378	nq	98
77) Pyrene	12.95	202	1097788	43.271	nq	97
79) Butylbenzylphthalate	13.56	149	442898	46.638	nq #	96
80) Benzo(a)anthracene	14.15	228	1006138	41.723	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	229299	28.182	nq #	97
82) Chrysene	14.19	228	934537	42.446	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	539720	39.638	nq	99
84) Di-n-octyl phthalate	14.78	149	785774	40.029	nq	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	824771	46.938	nq #	93
87) Benzo(b)fluoranthene	15.27	252	773821m	40.831	nq	
88) Benzo(k)fluoranthene	15.29	252	747381	39.819	nq #	97
89) Benzo(a)pyrene	15.65	252	729769	42.811	nq	97
90) Dibenzo(a,h)anthracene	17.31	278	675679	47.545	nq	96
91) Benzo(g,h,i)perylene	17.78	276	716595	51.885	nq #	93

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

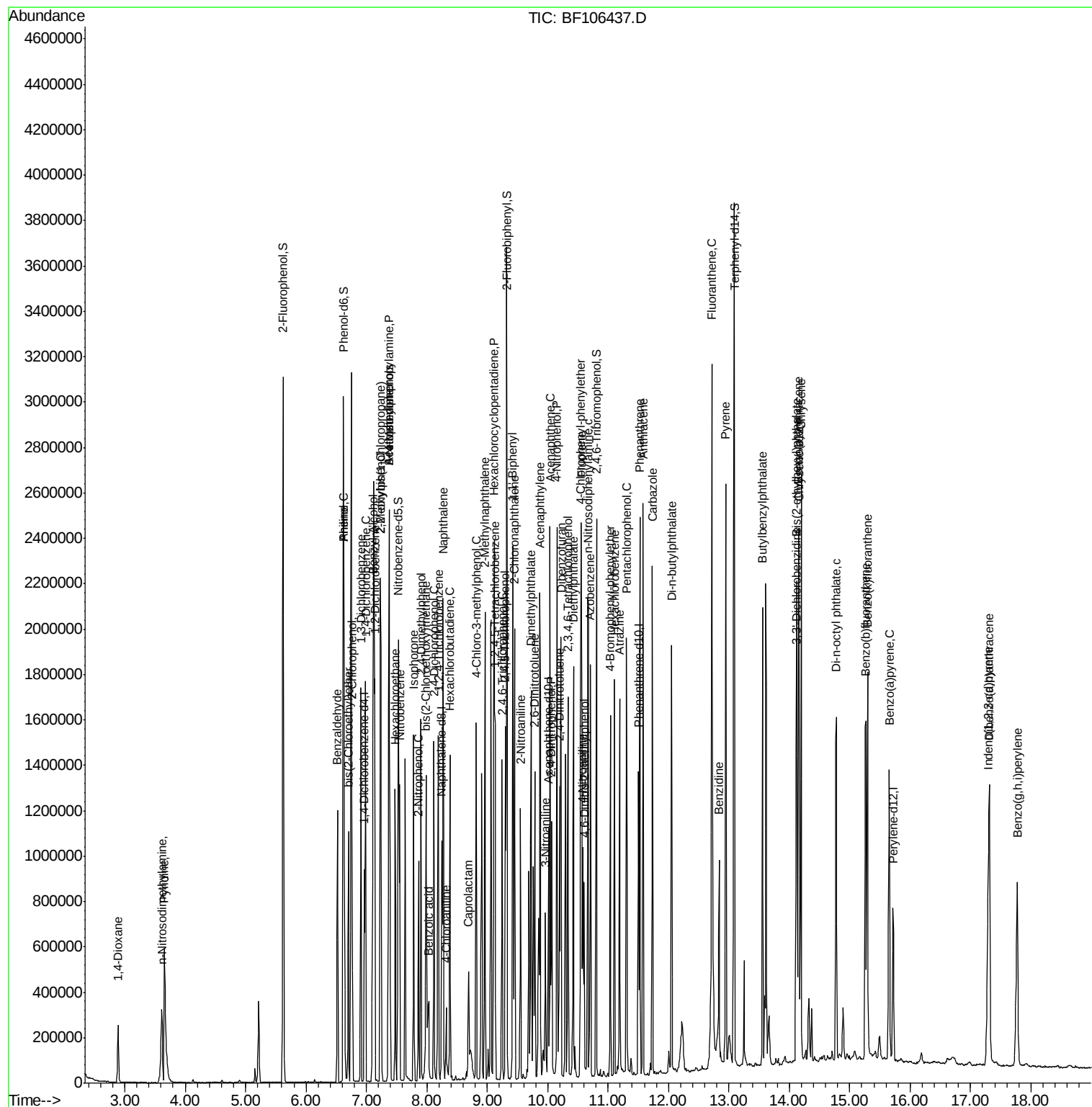
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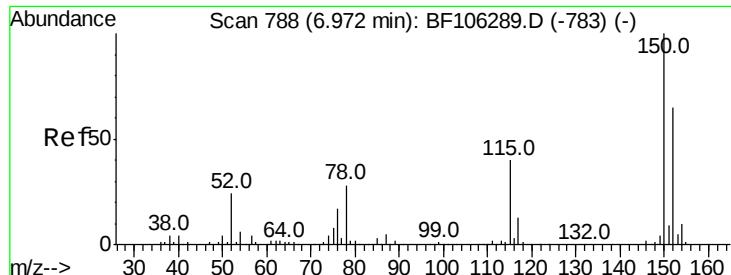
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#1

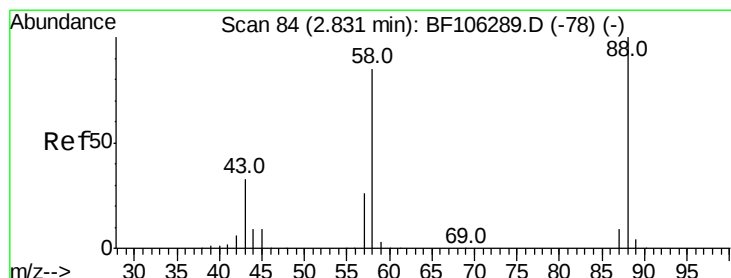
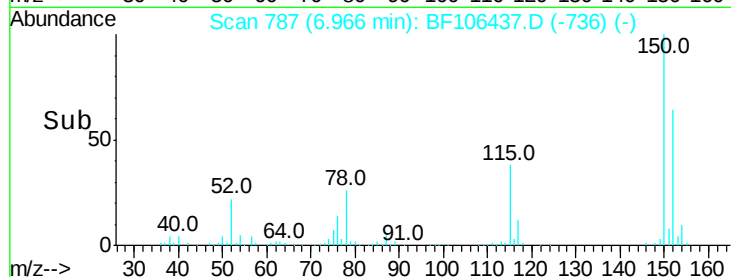
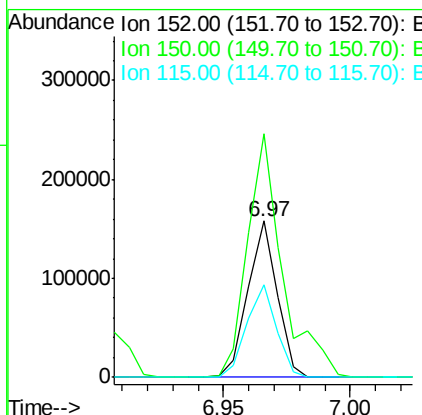
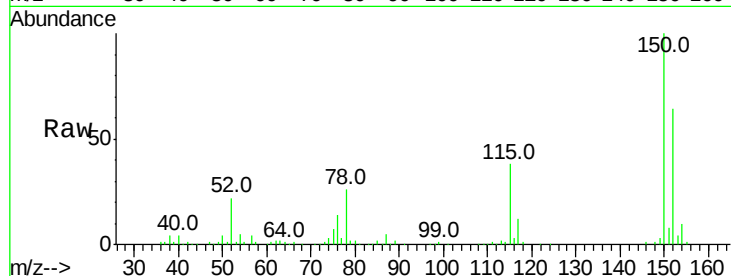
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	59.1	50.1	75.1

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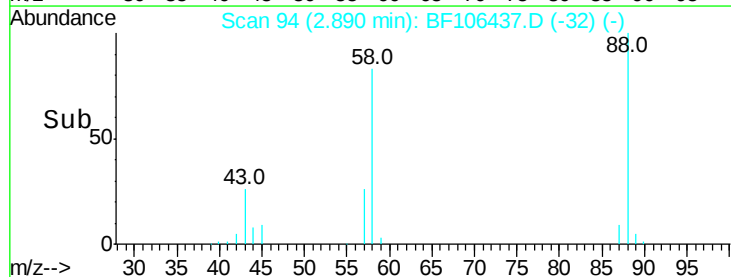
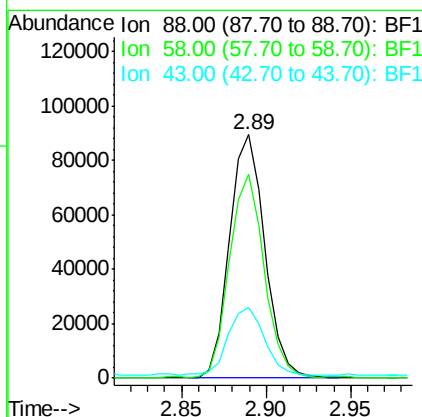
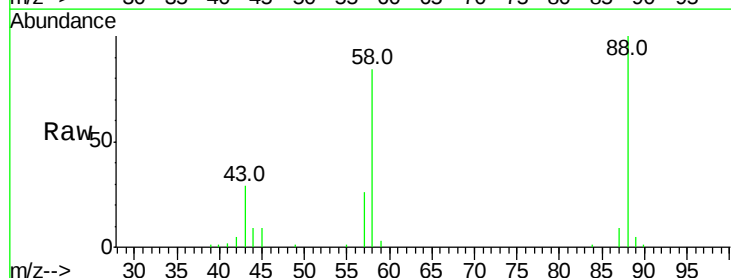
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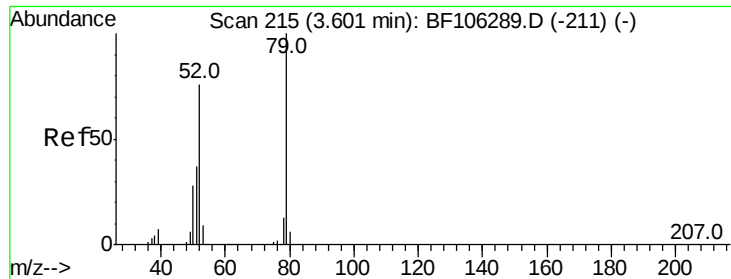


#2

1,4-Dioxane
Concen: 33.344 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	62.6	93.8
43	29.0	24.6	37.0





#3

Pvridine

Concen: 35.445 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

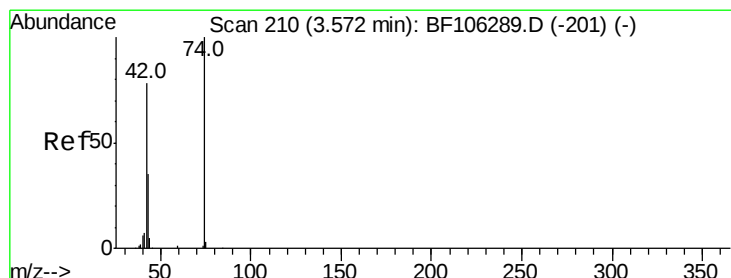
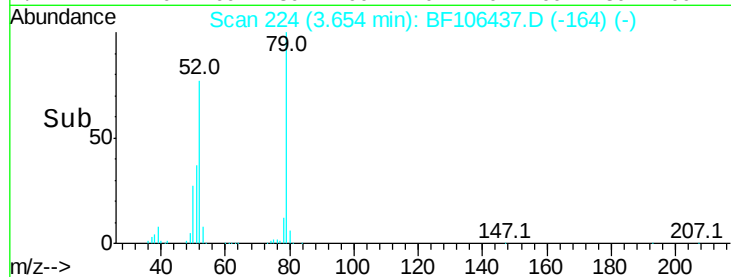
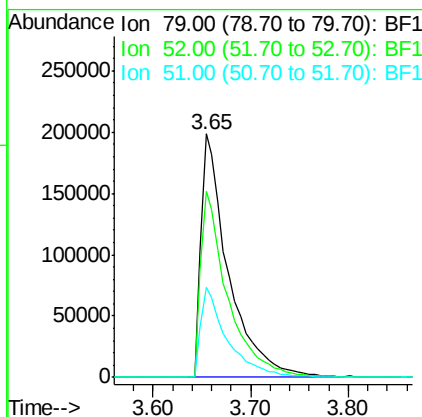
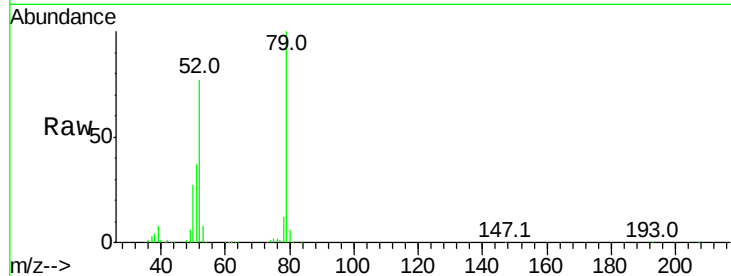
ClientSampled :

PB110197BS

Tot Ion:	79	Resp:	384205
Ion Ratio	Lower	Upper	
79	100		
52	76.5	59.8	89.6
51	37.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.722 ng

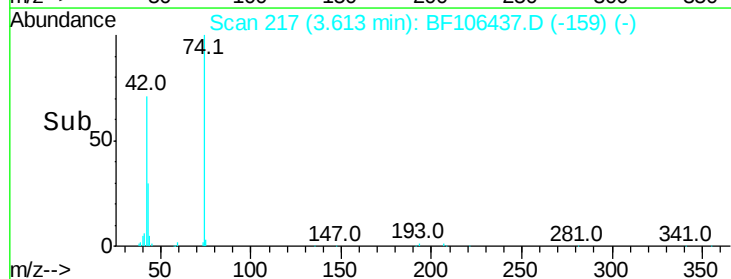
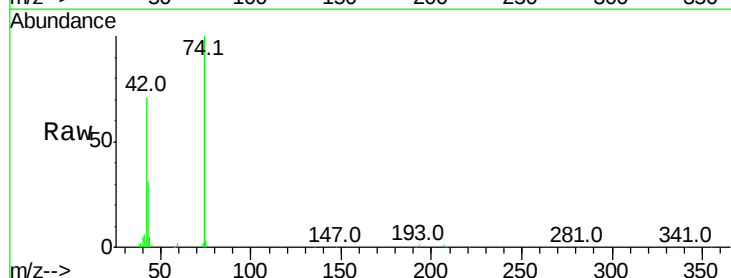
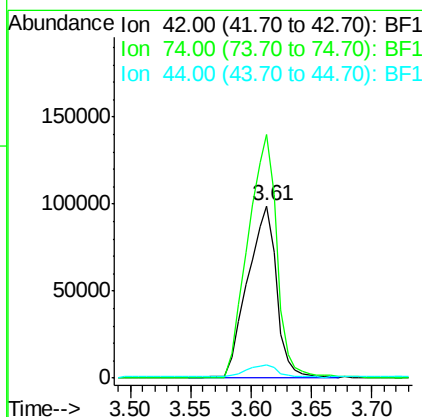
RT: 3.61 min Scan# 217

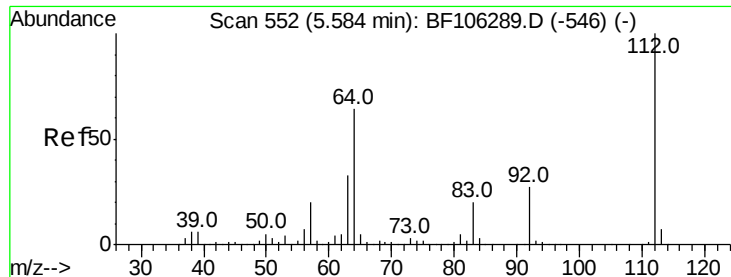
Delta R.T. 0.04 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	42	Resp:	167454
Ion Ratio	Lower	Upper	
42	100		
74	141.6	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 117.364 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

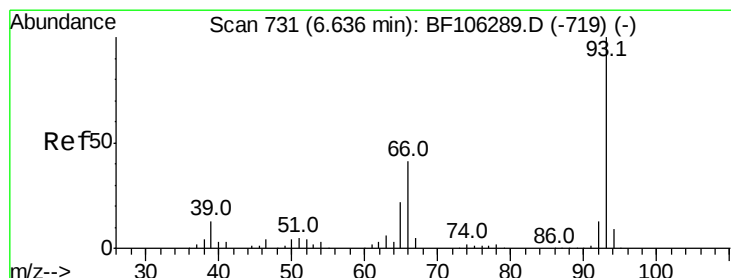
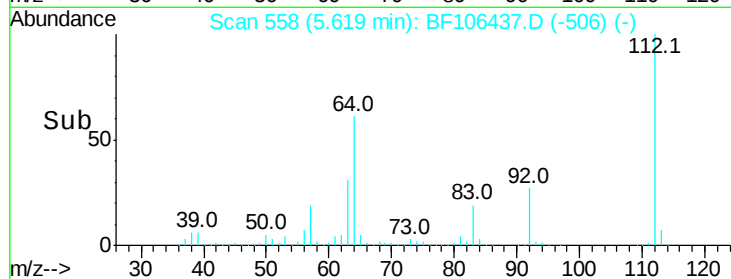
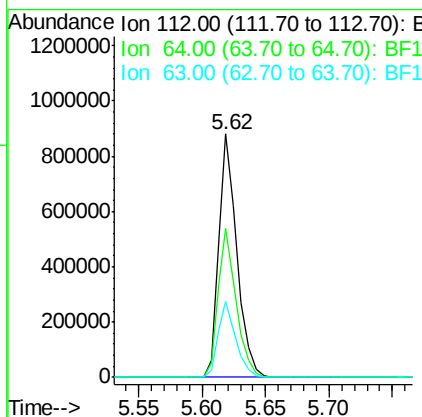
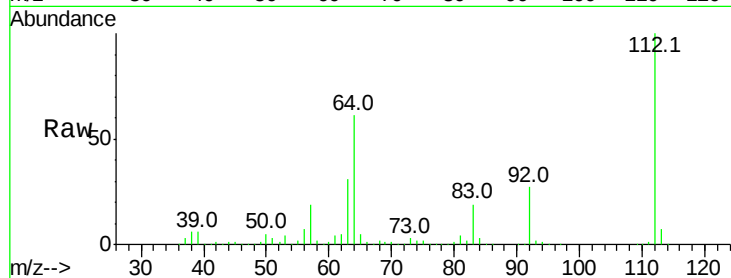
ClientSampleId :

PB110197BS

Tot Ion:	112	Resp:	882089
Ion Ratio	Lower	Upper	
112	100		
64	61.0	47.9	71.9
63	31.1	23.7	35.5

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#6

Aniline

Concen: 16.734 ng

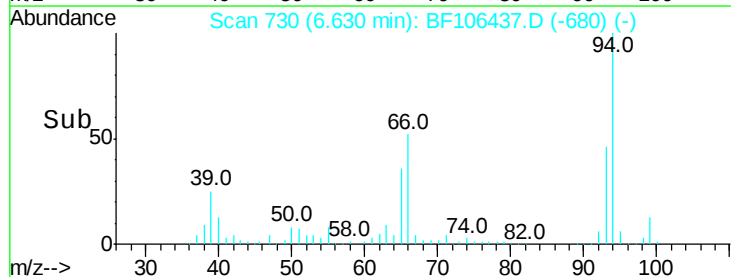
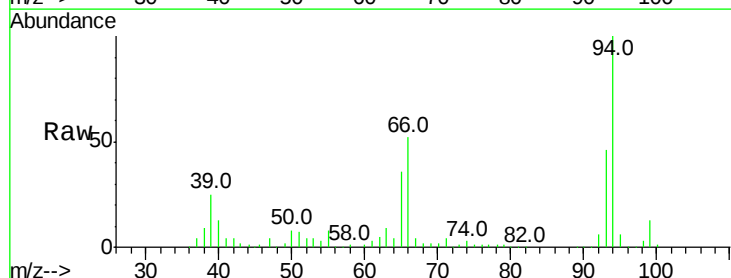
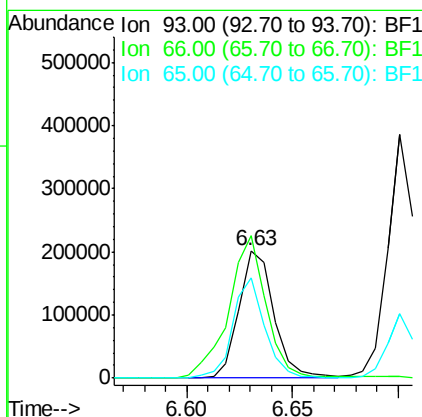
RT: 6.63 min Scan# 730

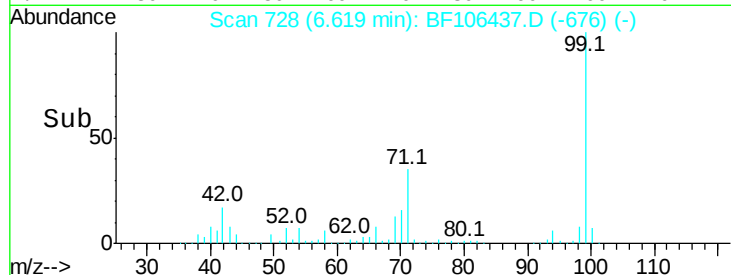
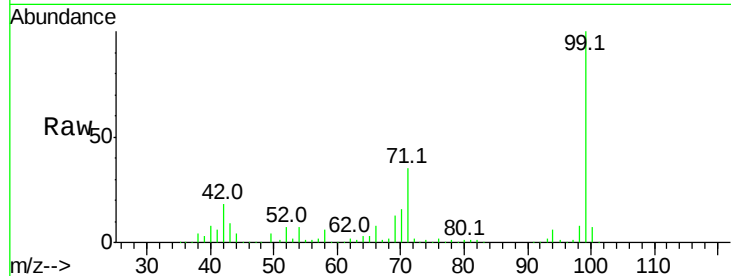
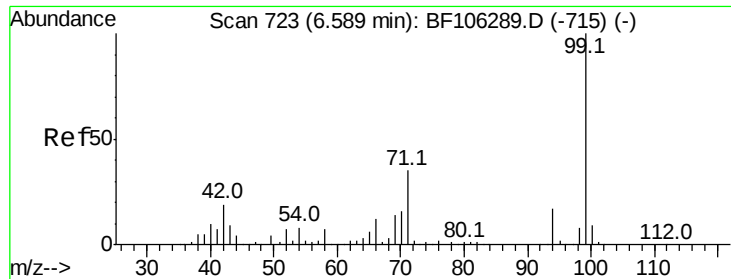
Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	93	Resp:	232031
Ion Ratio	Lower	Upper	
93	100		
66	112.5	32.2	48.2#
65	78.6	16.4	24.6#





#7

Phenol-d6

Concen: 110.444 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tot Ion: 99 Resp: 1048720

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 34.6 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

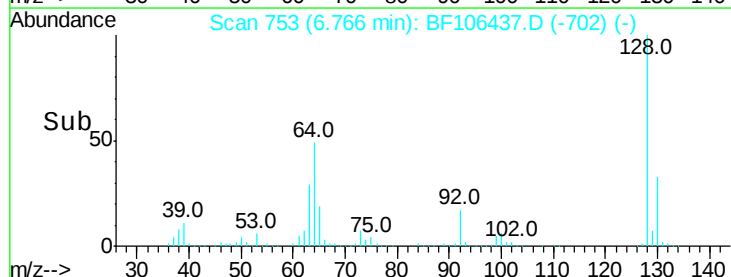
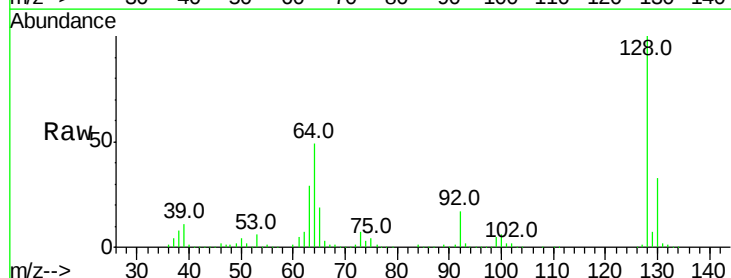
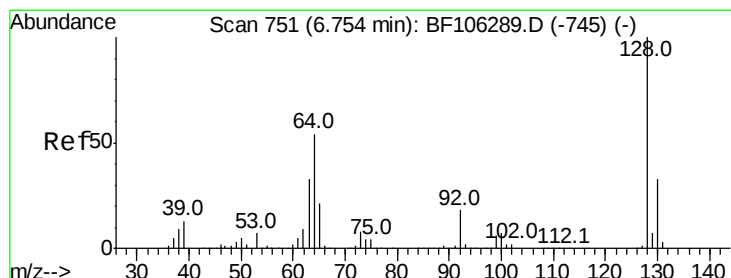
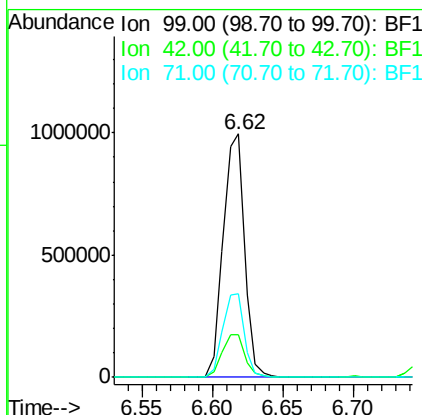
PB110197BS

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#8

2-Chlorophenol

Concen: 39.862 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

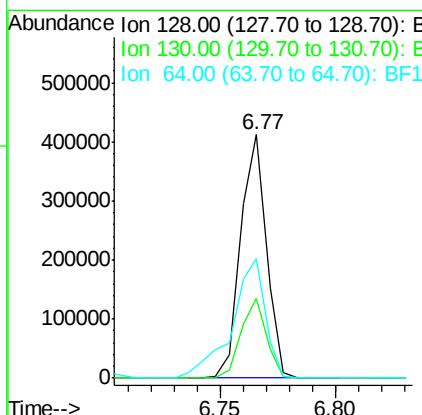
Tgt Ion:128 Resp: 322181

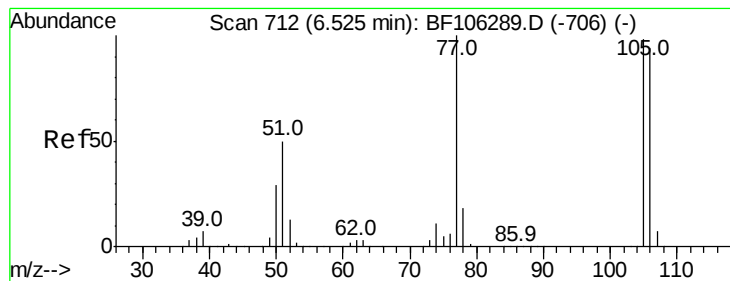
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 49.3 29.4 69.4





#9

Benzaldehyde

Concen: 30.005 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

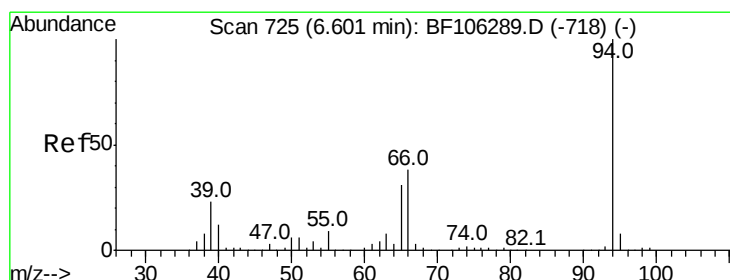
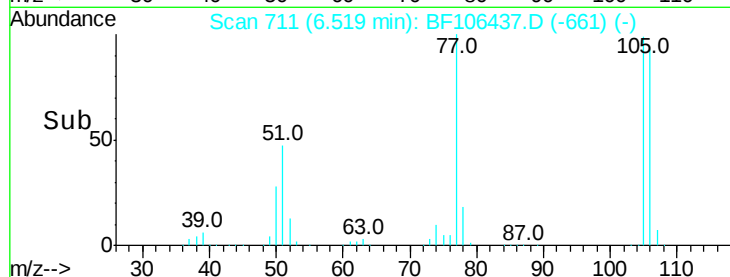
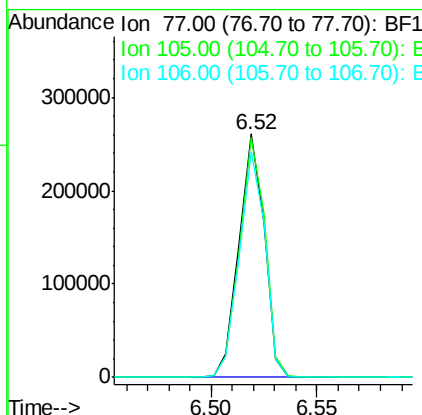
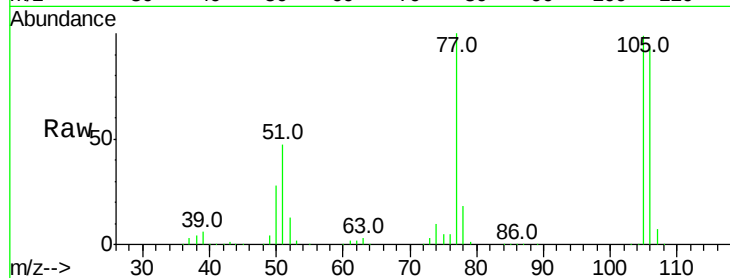
ClientSampleId :

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Tot Ion:	77	Resp:	216111
Ion Ratio	Lower	Upper	
77	100		
105	98.7	81.1	121.1
106	92.9	74.5	114.5

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#10

Phenol

Concen: 39.162 ng

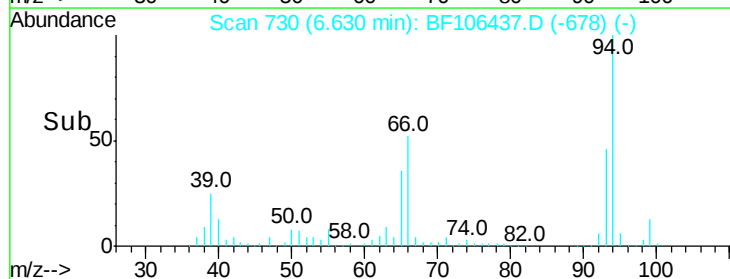
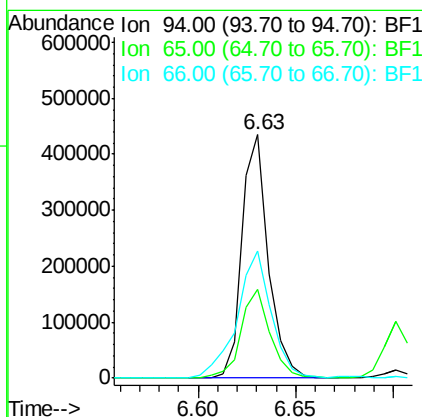
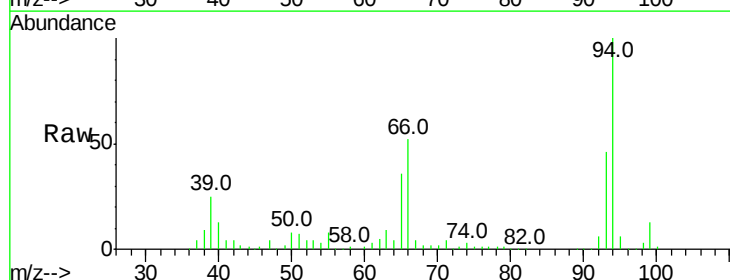
RT: 6.63 min Scan# 730

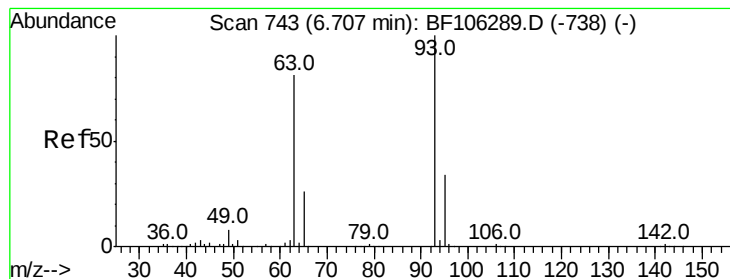
Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	94	Resp:	405960
Ion Ratio	Lower	Upper	
94	100		
65	36.4	7.9	47.9
66	52.1	16.2	56.2





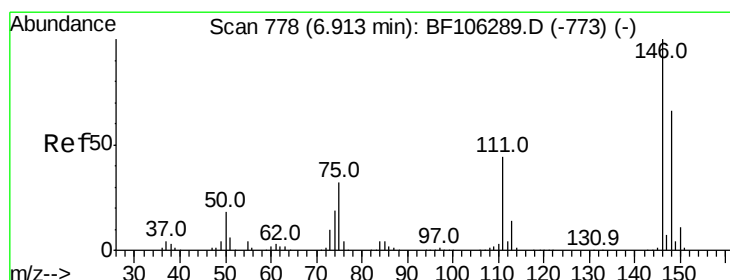
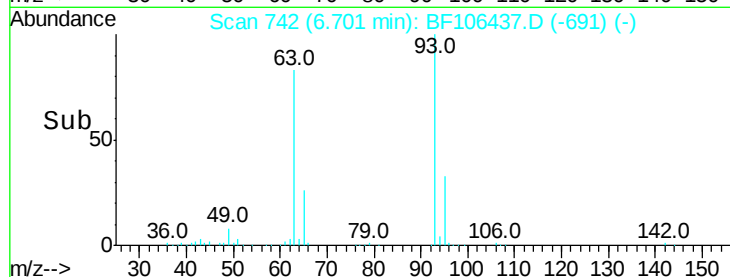
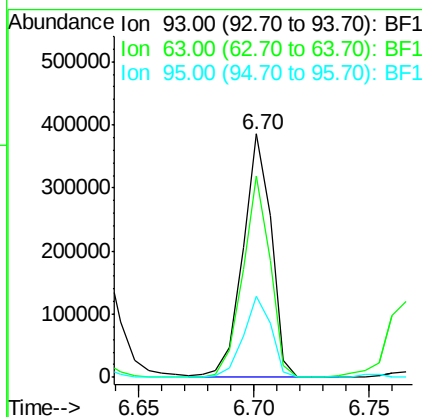
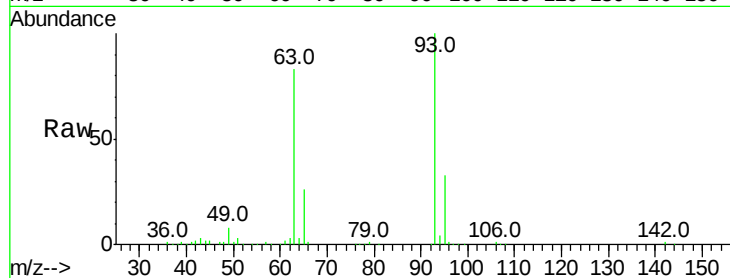
#11
bis(2-Chloroethyl)ether
Concen: 37.191 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	330034		
63	82.8	58.6	98.6	
95	33.0	11.8	51.8	

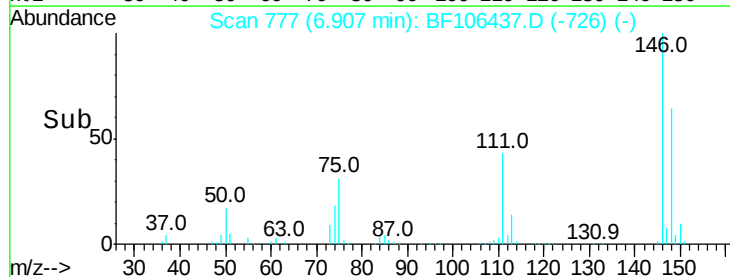
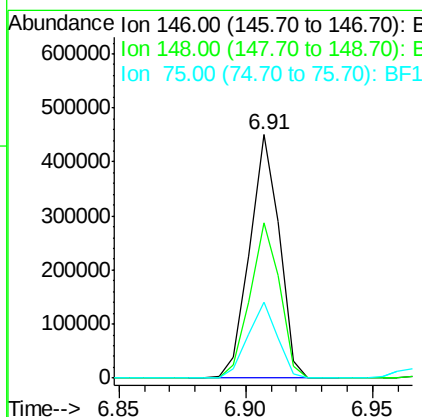
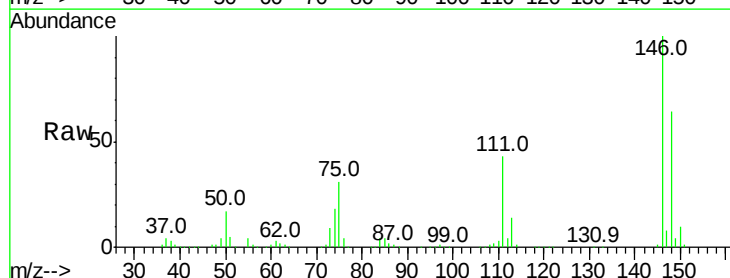
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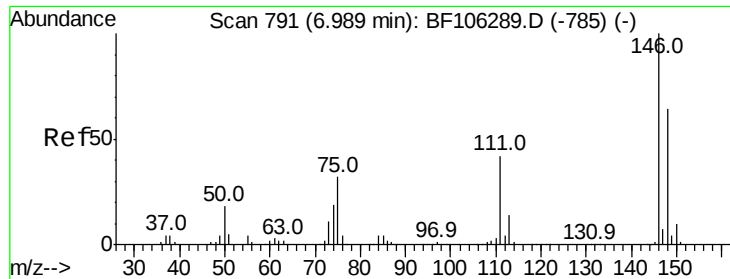
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#12
1,3-Dichlorobenzene
Concen: 38.680 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	367948		
148	63.9	51.8	77.8	
75	31.3	24.2	36.4	





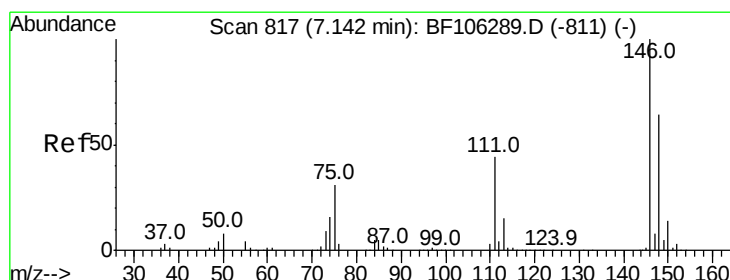
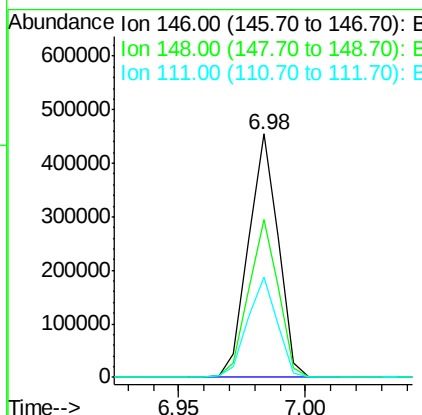
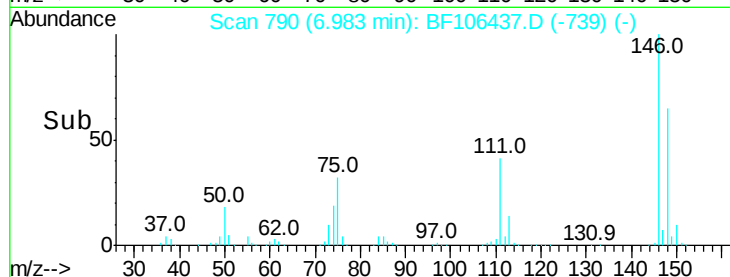
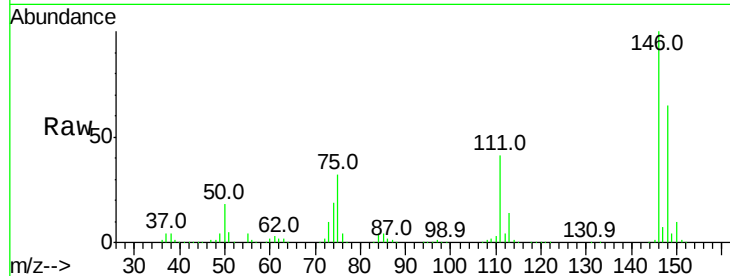
#13
 1,4-Dichlorobenzene
 Concen: 38.365 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	41.4	34.2	51.2

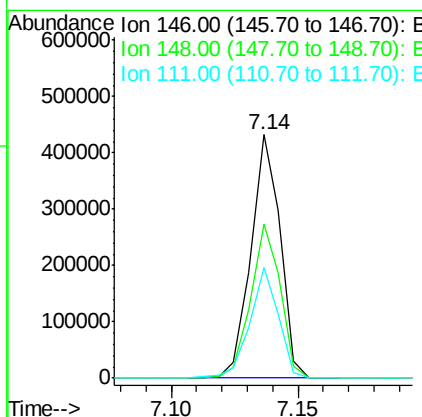
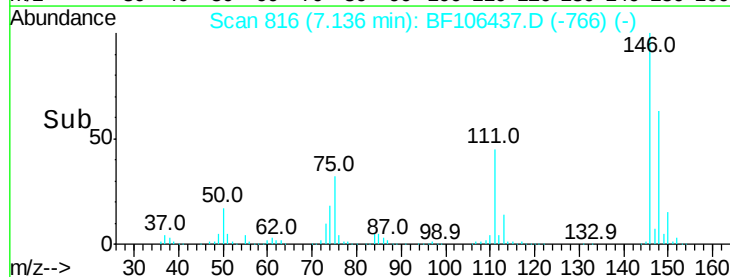
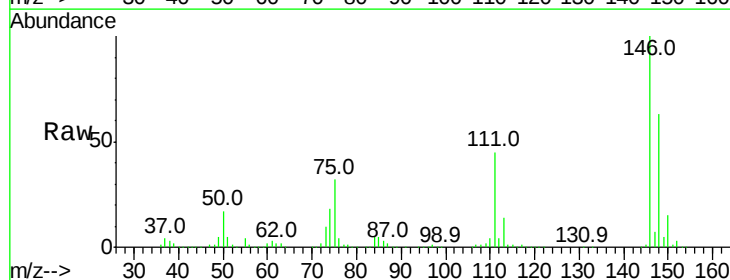
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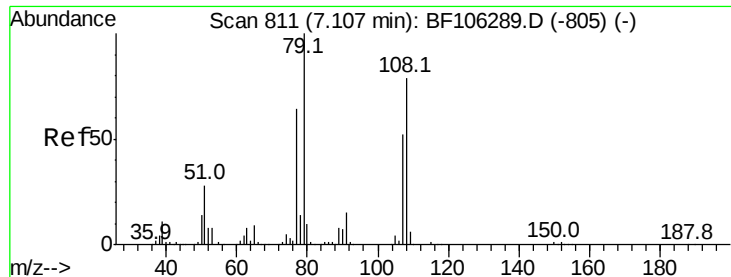
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#14
 1,2-Dichlorobenzene
 Concen: 38.069 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	45.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.881 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

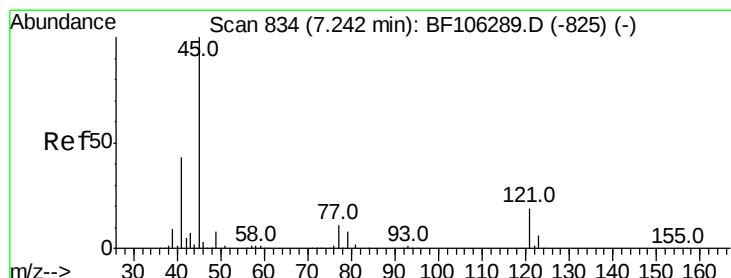
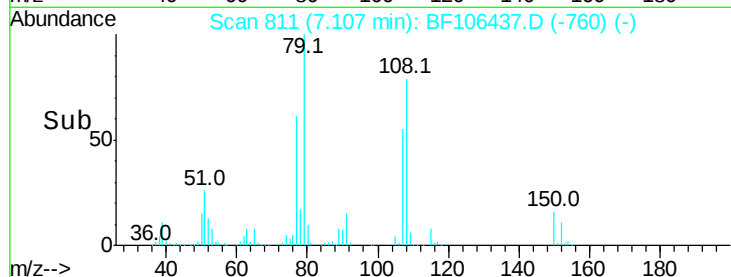
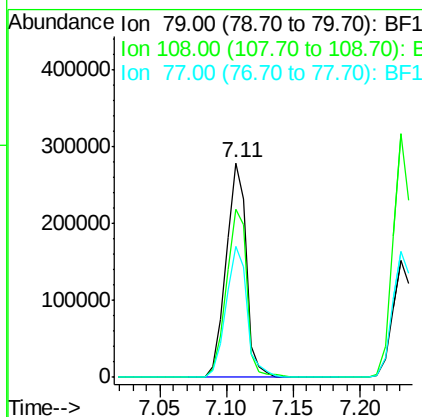
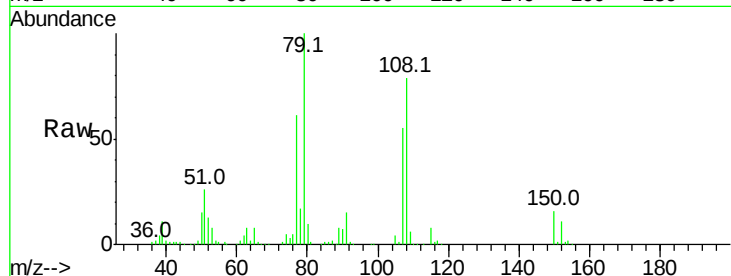
ClientSampleId :

PB110197BS

Tot Ion	79	Resp	299910
Ion Ratio	Lower	Upper	
79	100		
108	78.7	65.1	97.7
77	60.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.554 ng

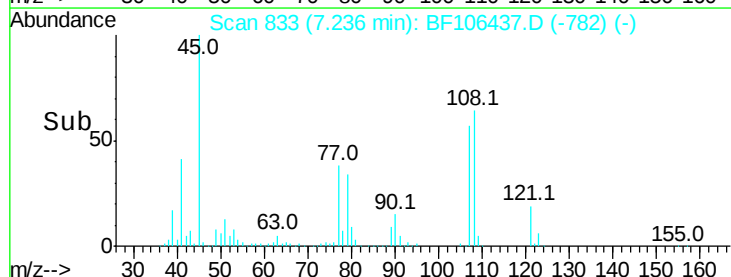
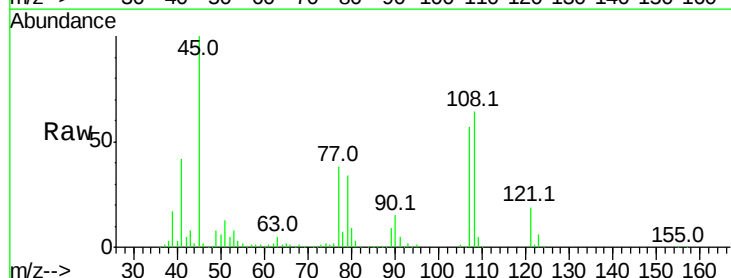
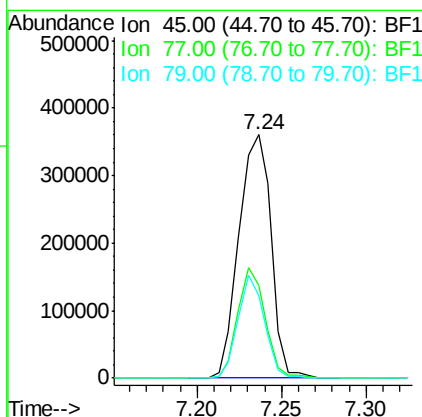
RT: 7.24 min Scan# 833

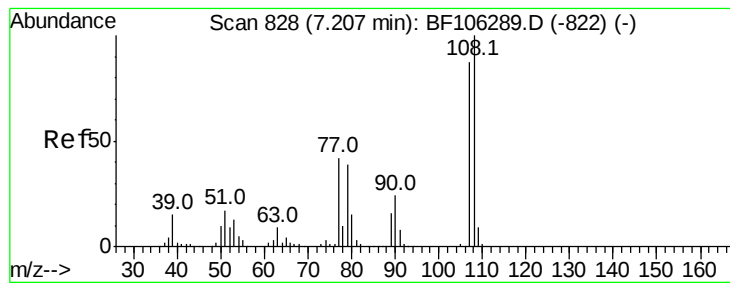
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion	45	Resp	477714
Ion Ratio	Lower	Upper	
45	100		
77	37.8	0.0	32.9#
79	33.7	0.0	29.6#





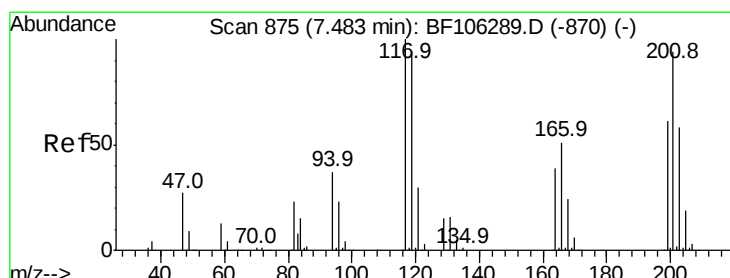
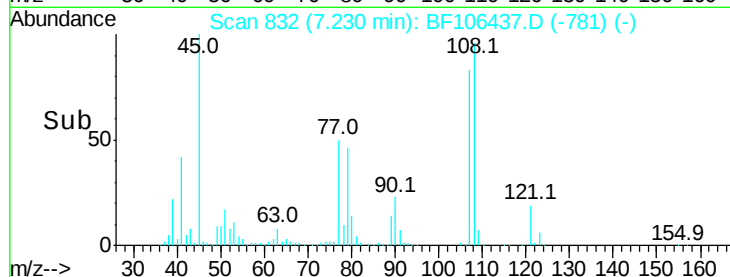
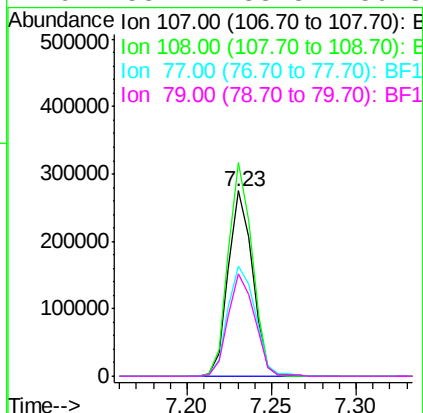
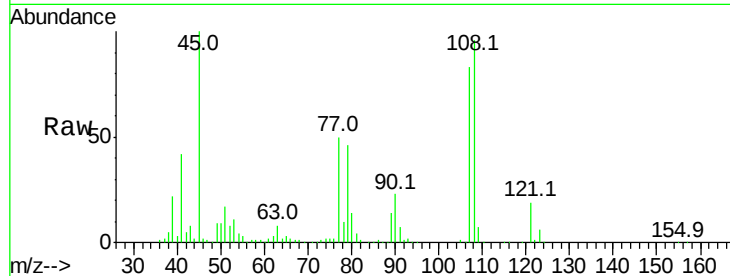
#17
2-Methylphenol
Concen: 38.066 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.7	137.5
77	59.5	33.8	50.8#
79	55.1	33.8	50.8#

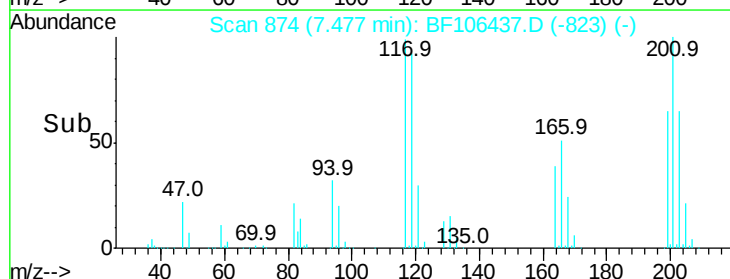
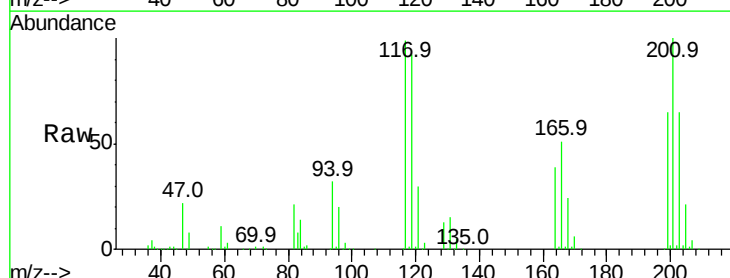
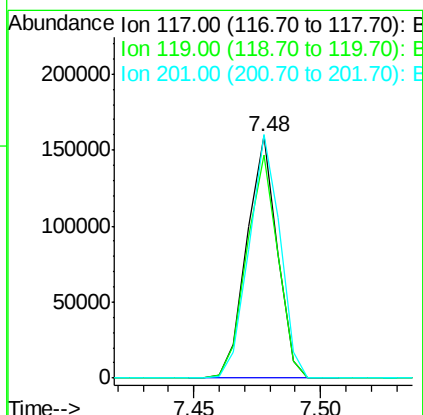
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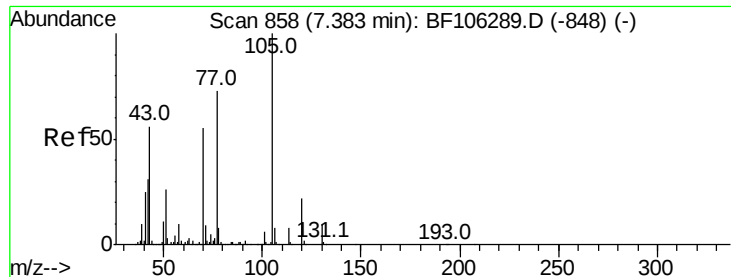
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#18
Hexachloroethane
Concen: 38.569 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.8	113.8
201	100.5	75.7	113.5





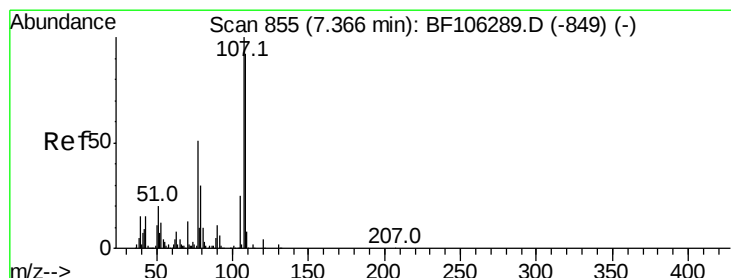
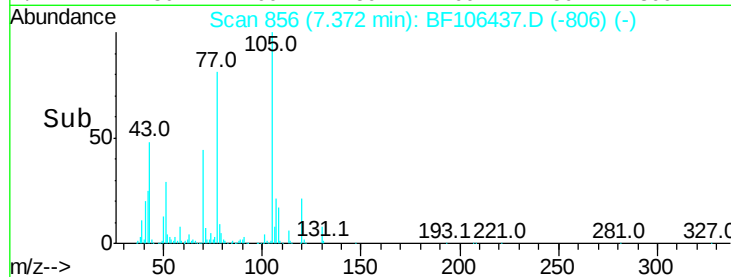
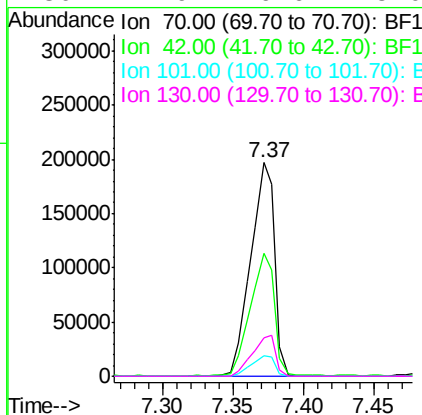
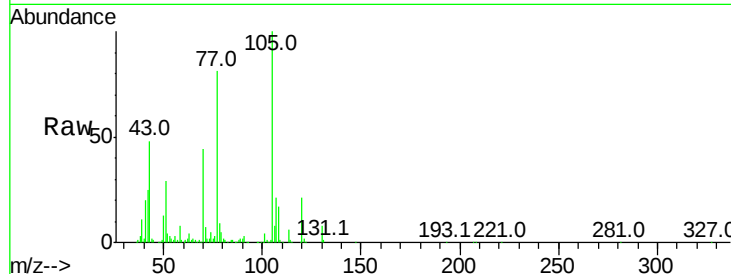
#19
n-Nitroso-di-n-propylamine
Concen: 32.847 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	47.5	71.3	
101	9.7	7.4	11.2	
130	17.9	16.6	25.0	

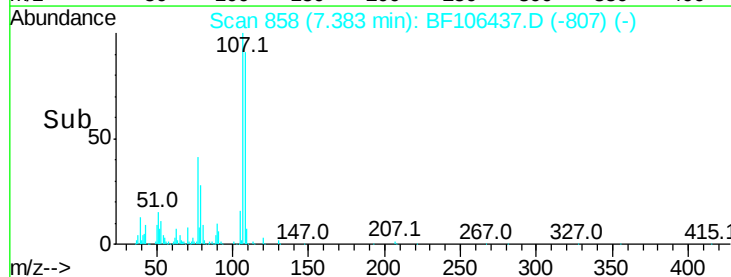
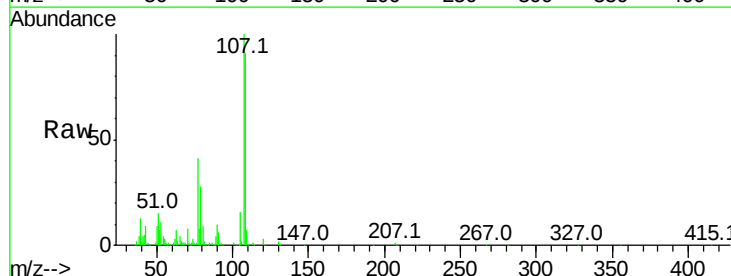
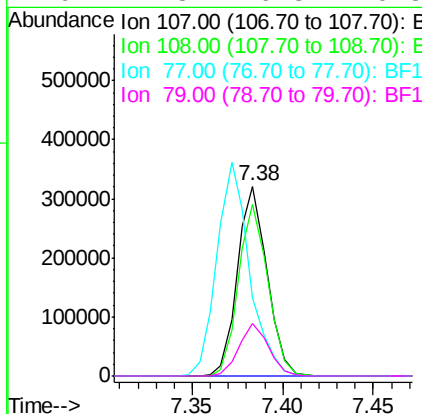
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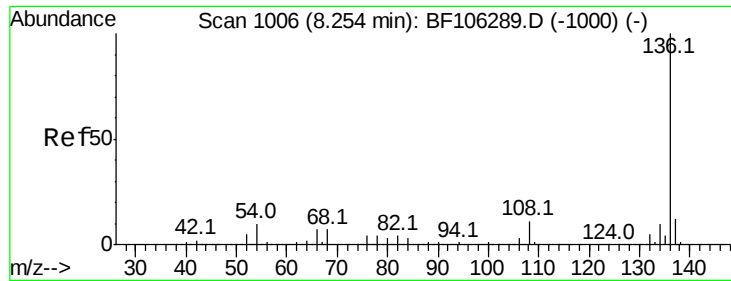
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#20
3+4-Methylphenols
Concen: 39.476 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	68.2	108.2	
77	41.4	26.7	66.7	
79	27.8	6.3	46.3	





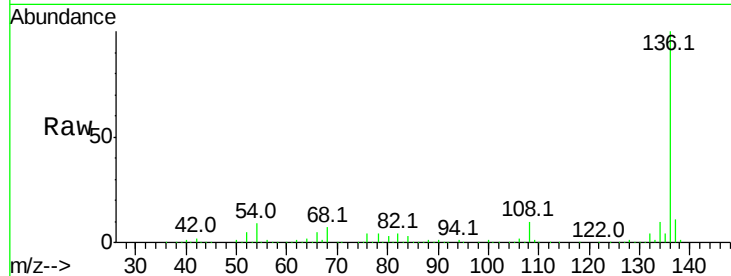
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.0	6.6	9.8	
68	6.8	5.0	7.4	

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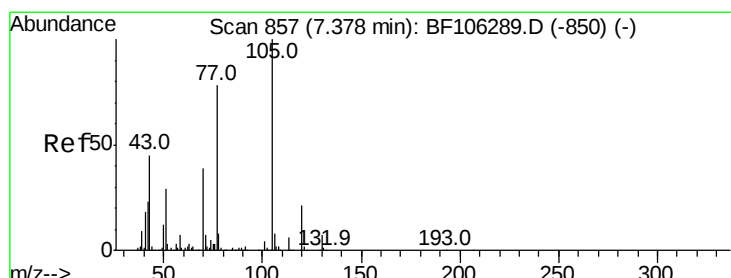
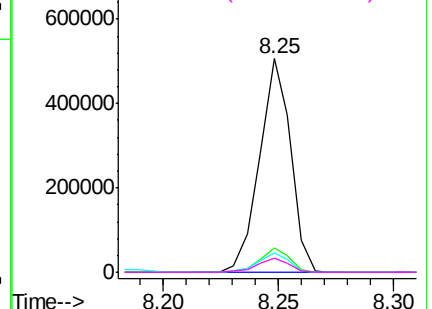
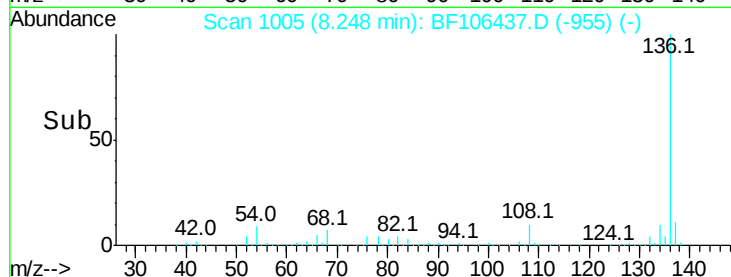
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

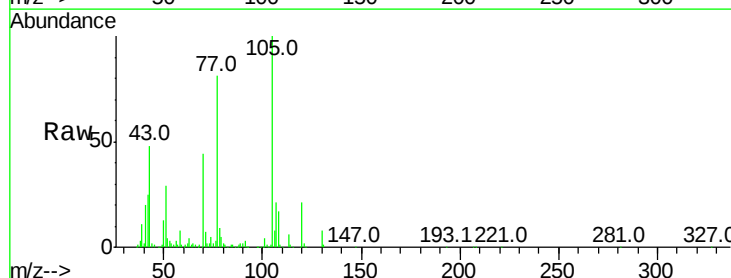
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.900 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	4.4	6.6#	
51	29.2	22.3	33.5	
120	21.4	16.9	25.3	



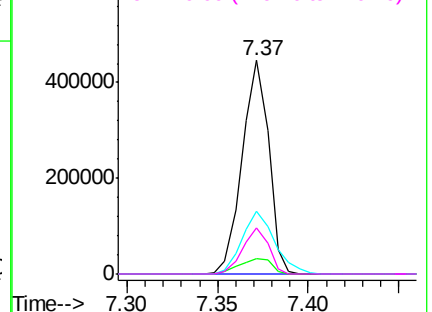
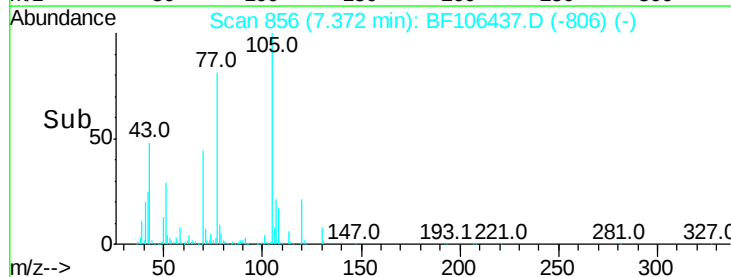
Abundance

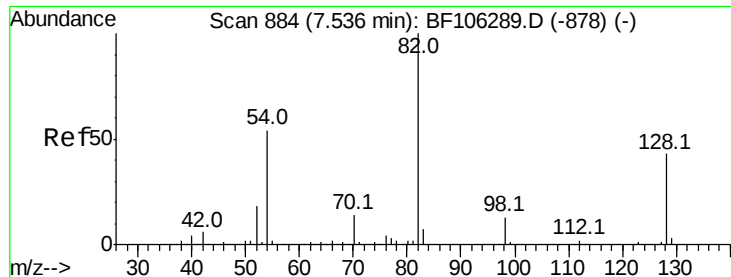
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





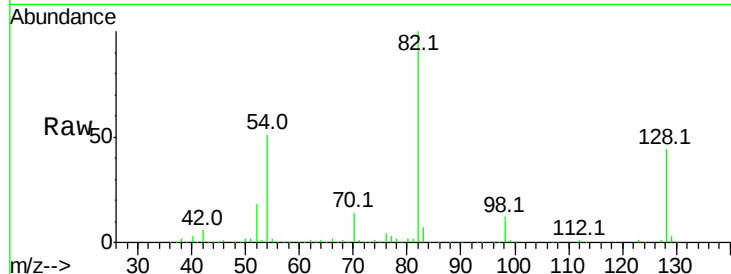
#23
Nitrobenzene-d5
Concen: 91.008 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

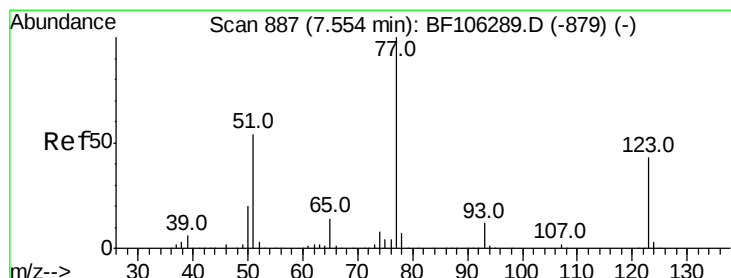
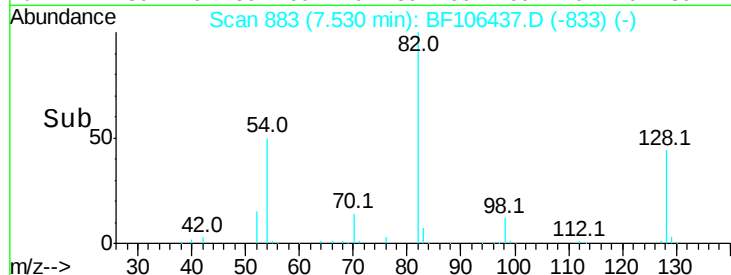
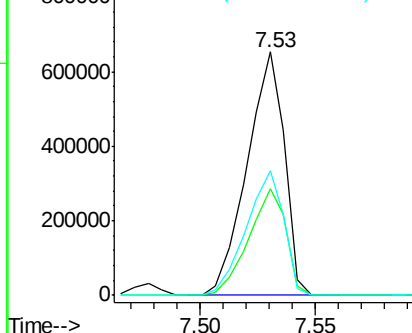
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	51.3	41.4	62.2

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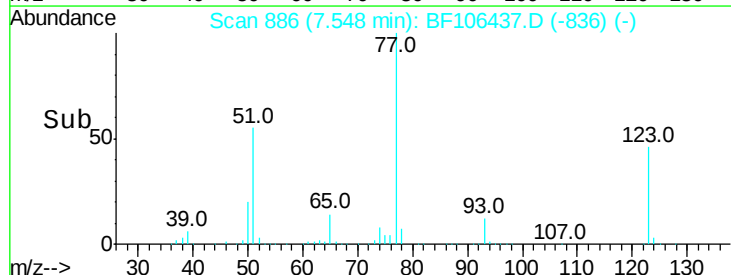
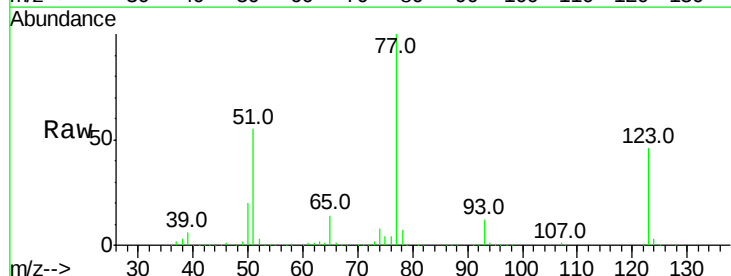
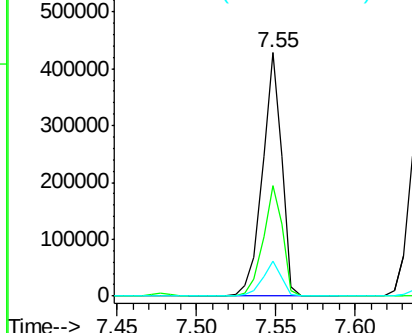
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

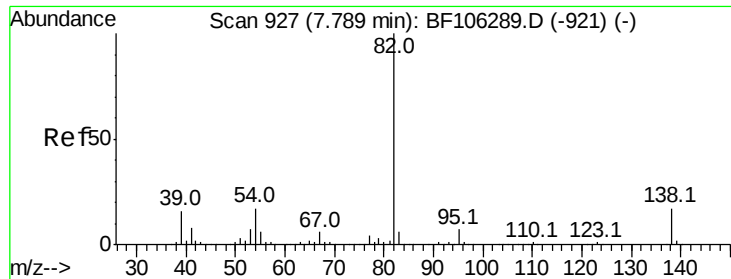


#24
Nitrobenzene
Concen: 41.364 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.9	56.9
65	14.2	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: 41.360 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

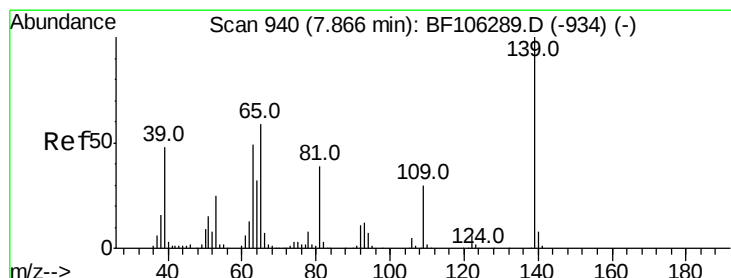
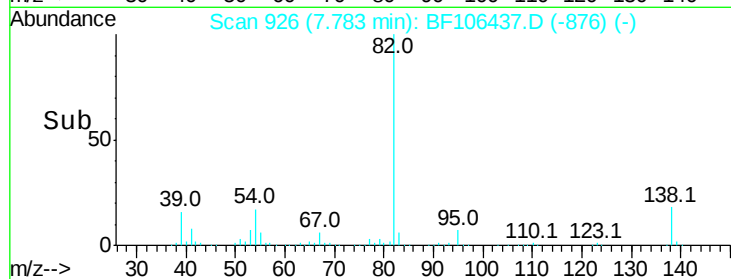
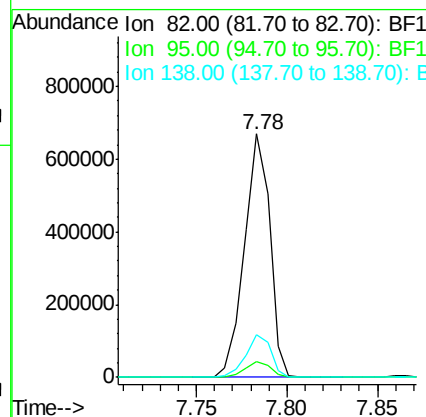
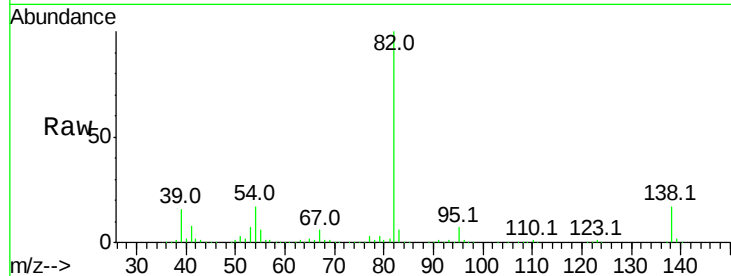
ClientSampleId :

PB110197BS

Tot Ion:	82	Resp:	653979
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 52.993 ng

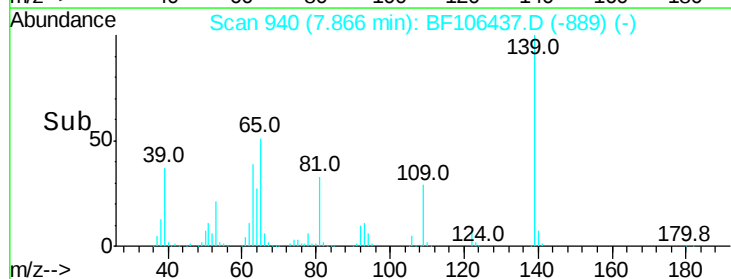
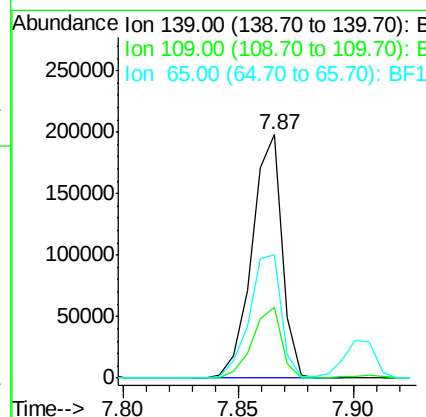
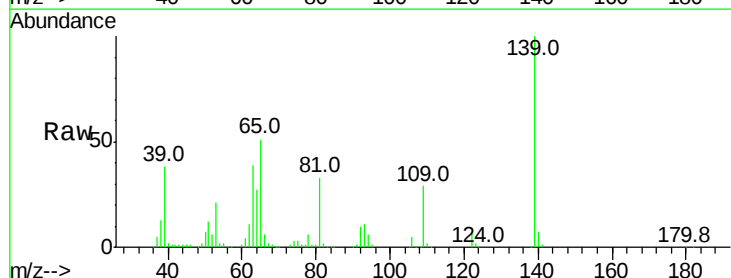
RT: 7.87 min Scan# 940

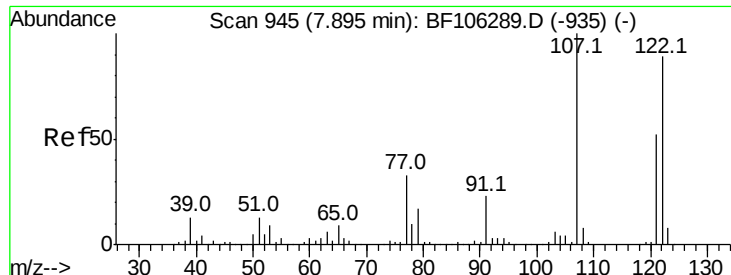
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	139	Resp:	180982
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	50.5	40.5	60.7





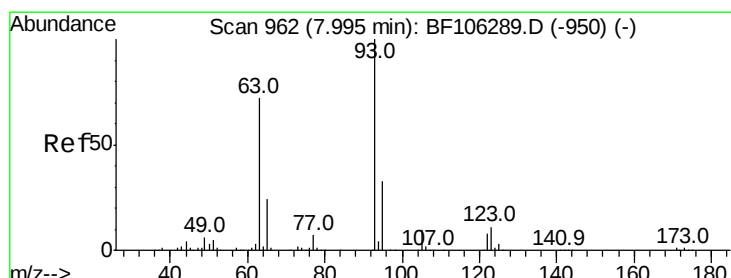
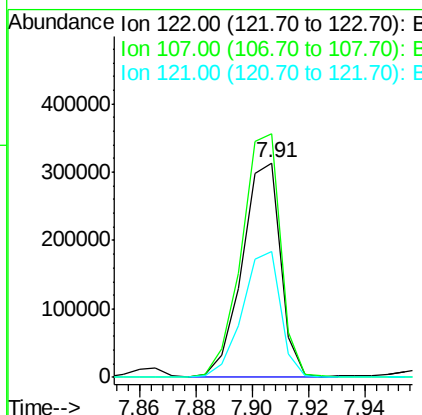
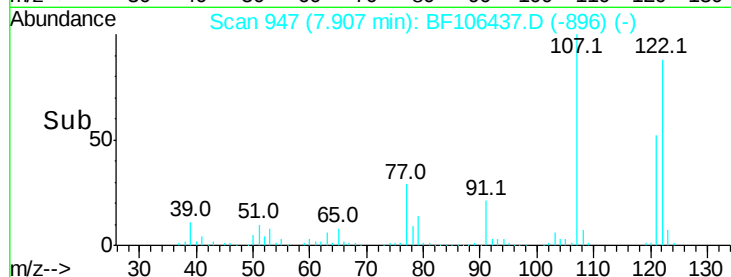
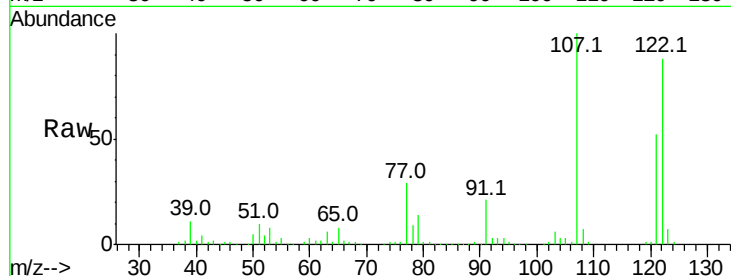
#27
2,4-Dimethylphenol
Concen: 44.318 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296659		
107	113.7	91.2	136.8	
121	58.6	47.2	70.8	

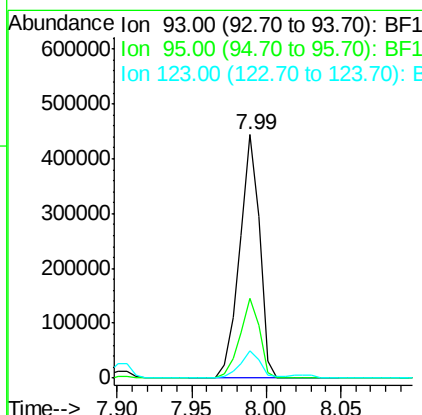
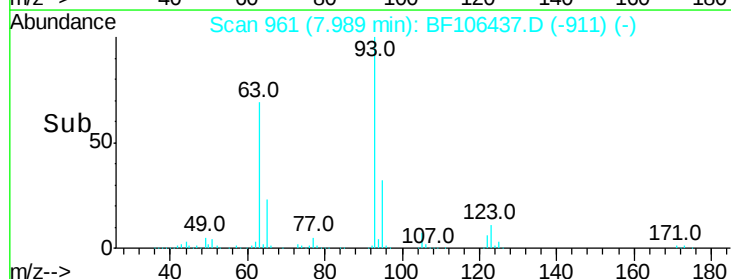
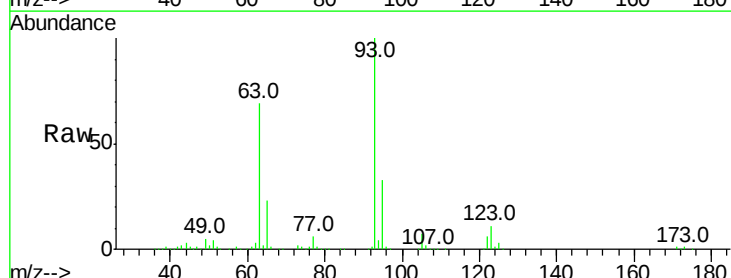
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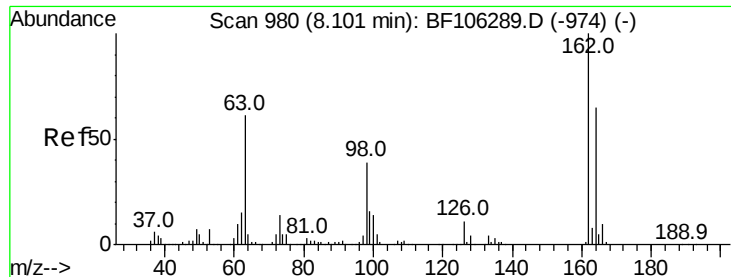
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#28
bis(2-Chloroethoxy)methane
Concen: 40.310 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	413282		
95	32.5	26.3	39.5	
123	11.1	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 44.702 ng

RT: 8.12 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

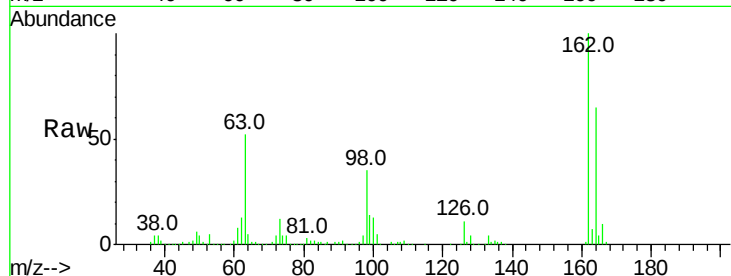
ClientSampleId :

PB110197BS

Tot Ion:	162	Resp:	288678
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	34.7	18.1	58.1

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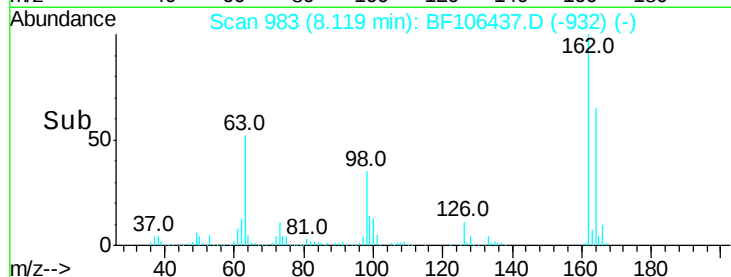


Abundance Ion 162.00 (161.70 to 162.70): E

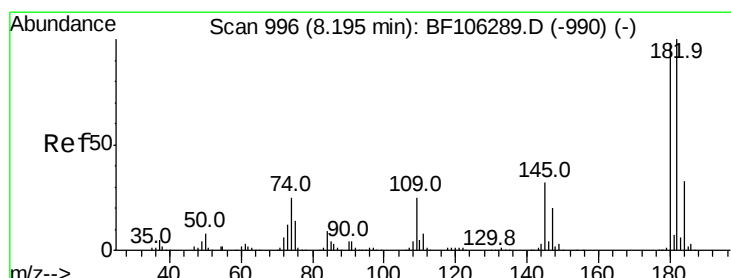
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 41.495 ng

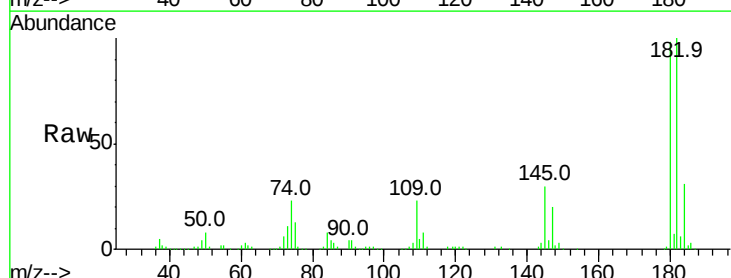
RT: 8.19 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	180	Resp:	300459
Ion Ratio	Lower	Upper	
180	100		
182	102.5	76.8	115.2
145	31.2	26.5	39.7

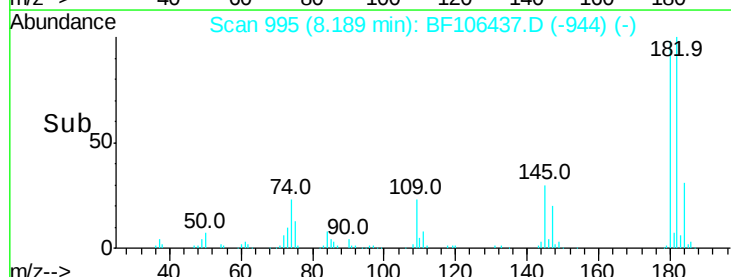


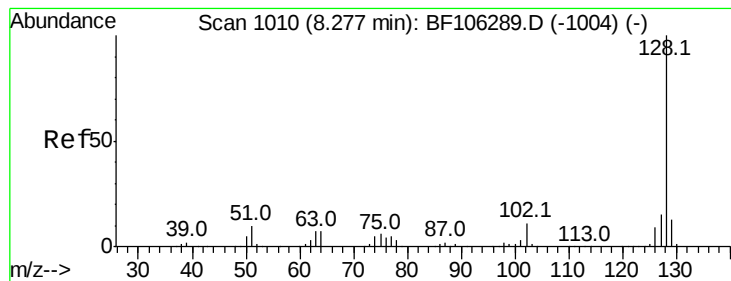
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->





#31

Naphthalene

Concen: 42.443 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

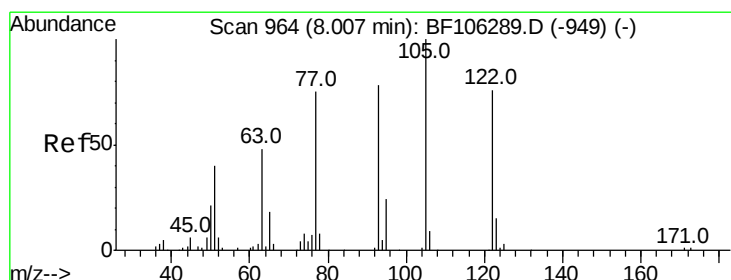
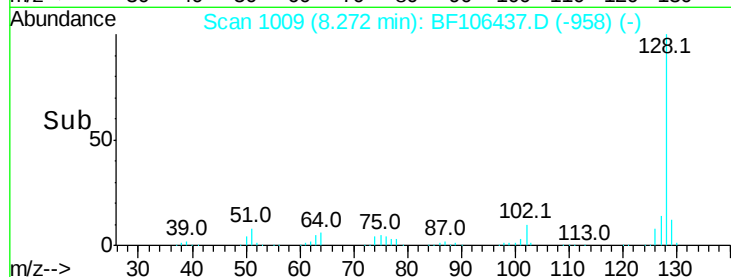
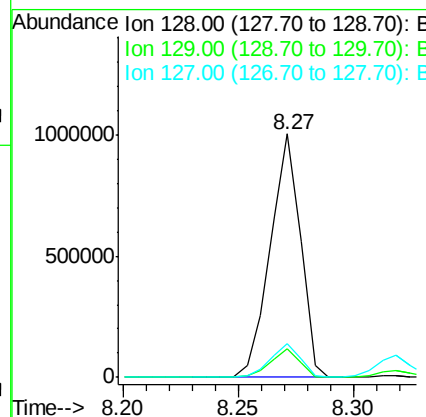
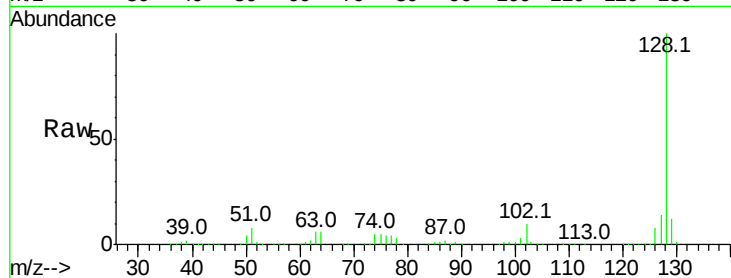
ClientSampleId :

PB110197BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 38.250 ng m

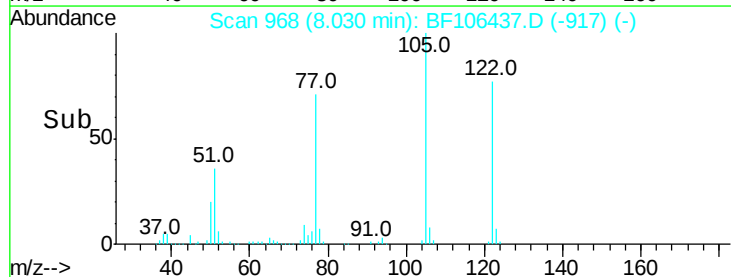
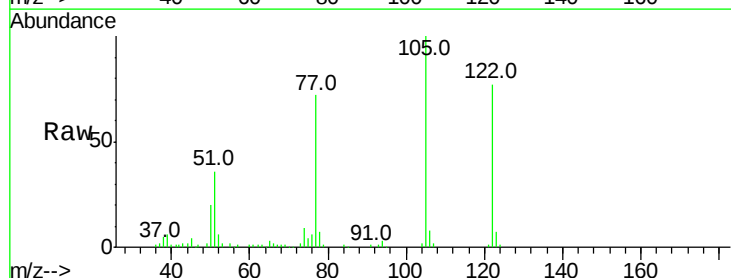
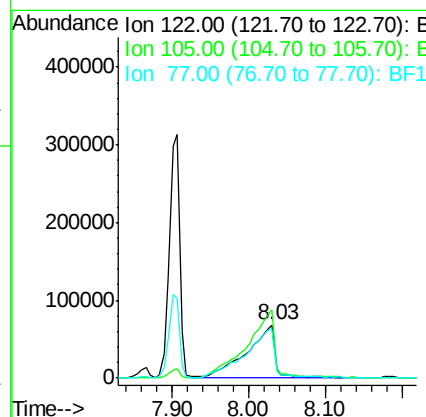
RT: 8.03 min Scan# 968

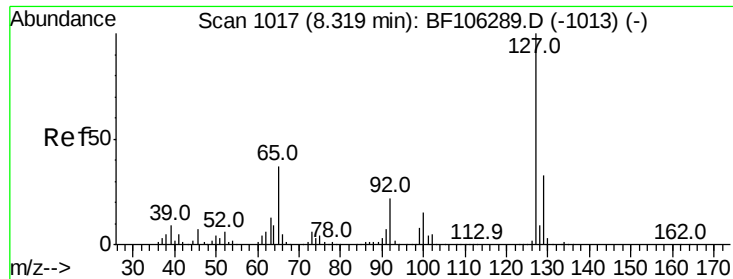
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	101.1	141.1
77	92.9	70.7	110.7





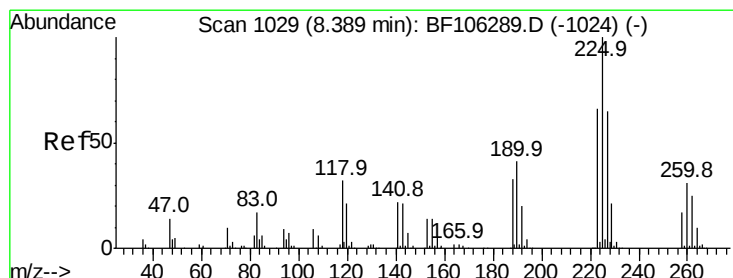
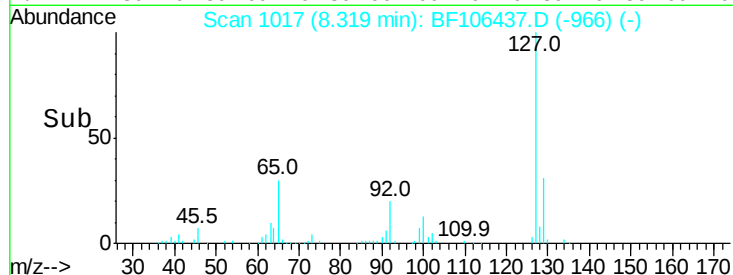
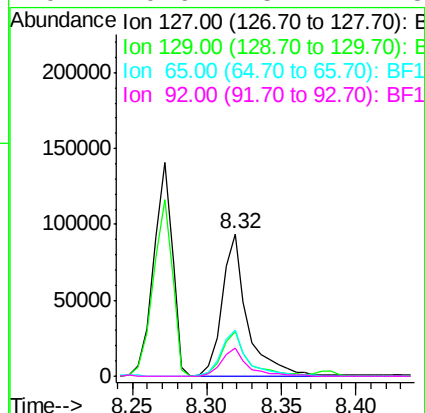
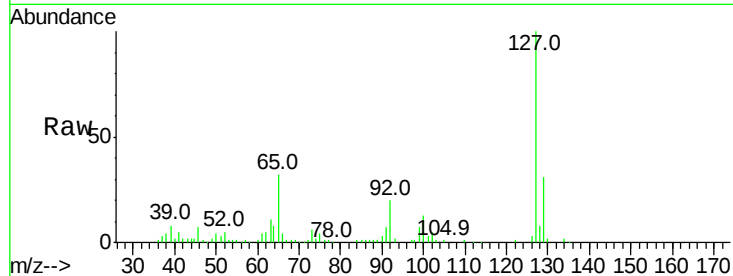
#33
4-Chloroaniline
Concen: 11.536 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.9	38.9		
65	32.2	25.0	37.4		
92	19.6	15.2	22.8		

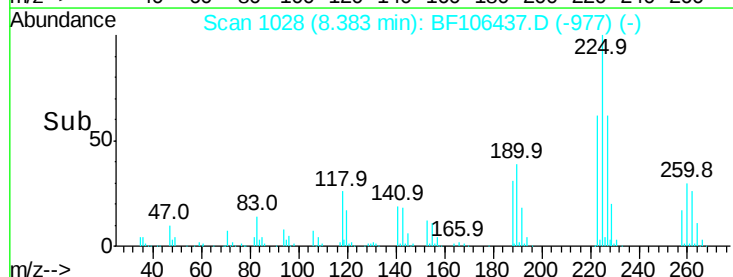
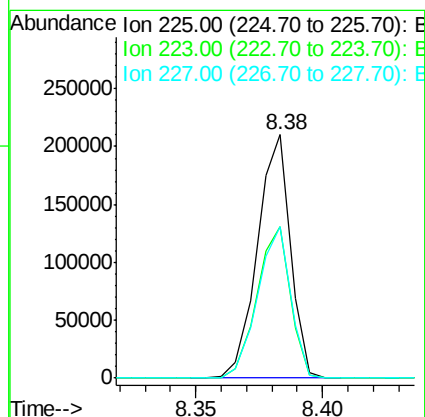
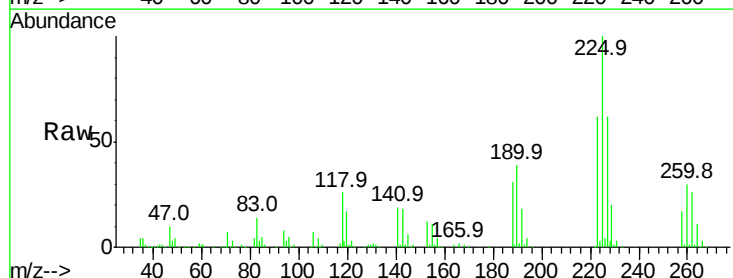
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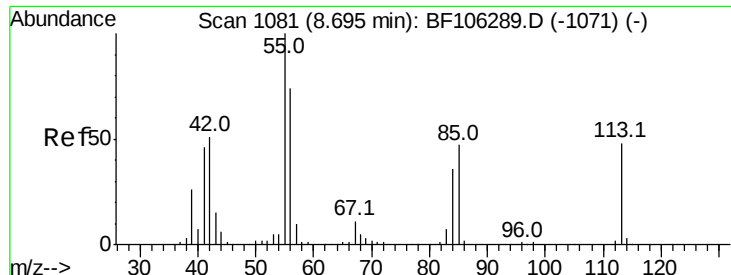
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#34
Hexachlorobutadiene
Concen: 41.055 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	50.6	76.0		
227	62.3	51.9	77.9		





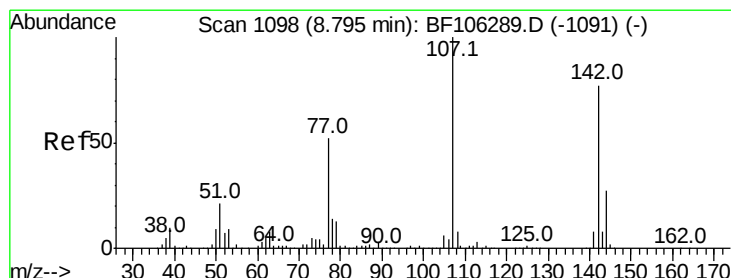
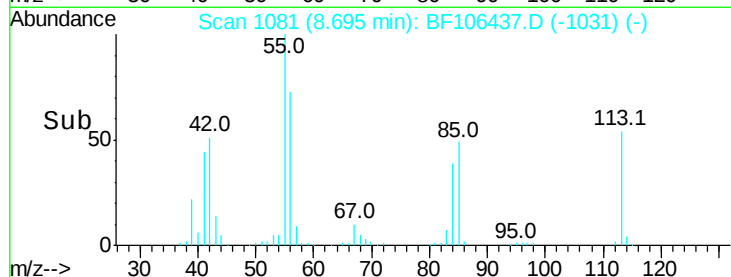
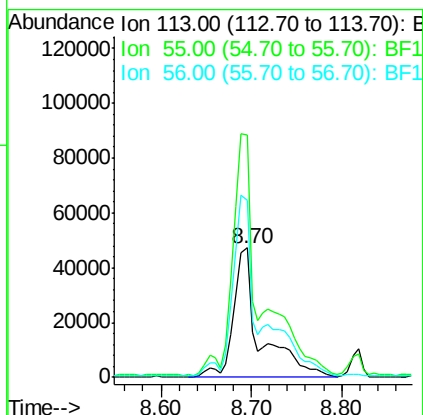
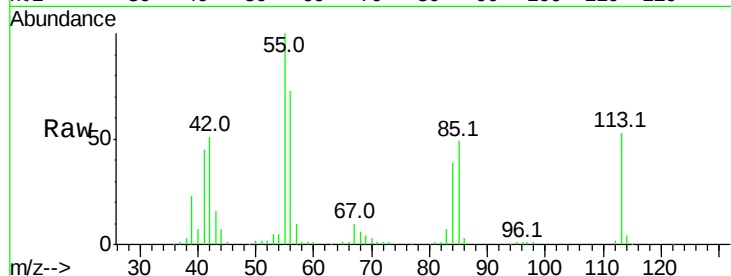
#35
 Caprolactam
 Concen: 44.005 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleID :
 PB110197BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.6	163.3	203.3
56	136.7	115.7	155.7

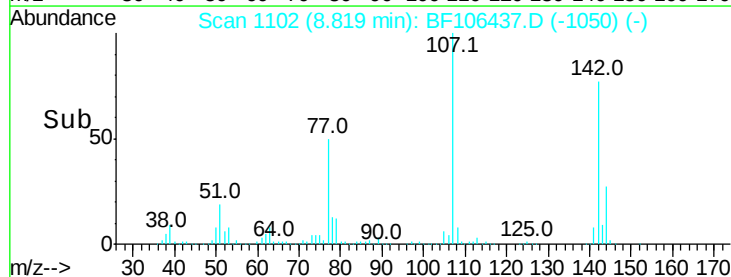
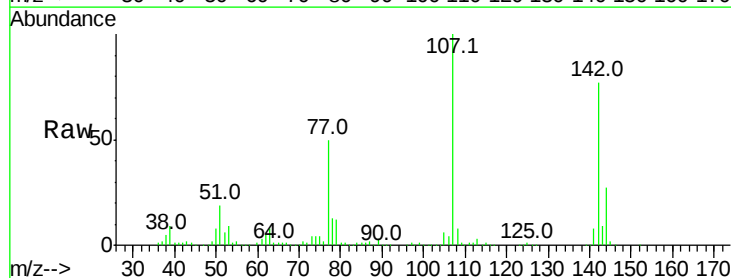
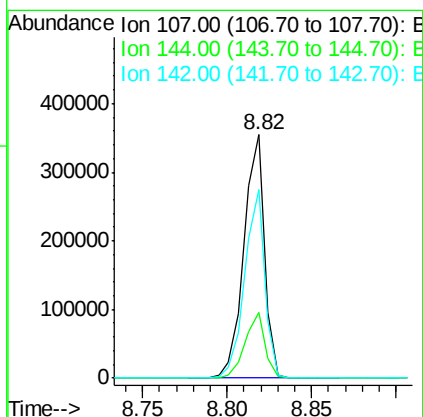
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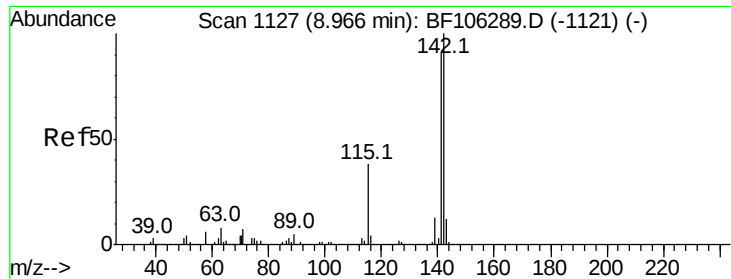
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#36
 4-Chloro-3-methylphenol
 Concen: 42.457 ng/ml
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.5	30.7
142	77.5	62.0	93.0





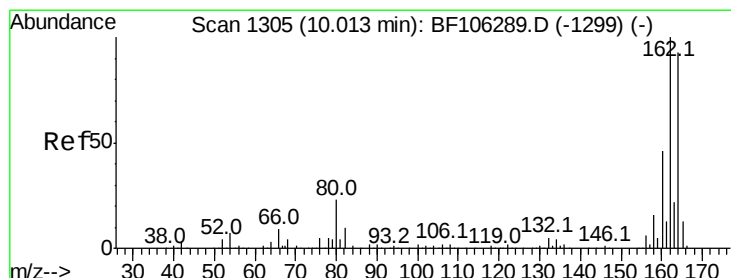
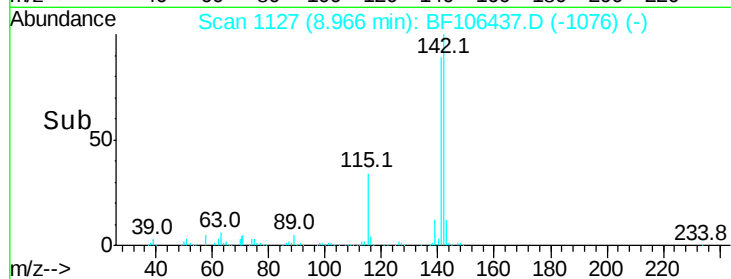
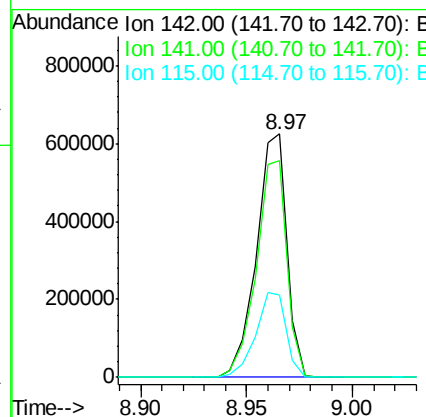
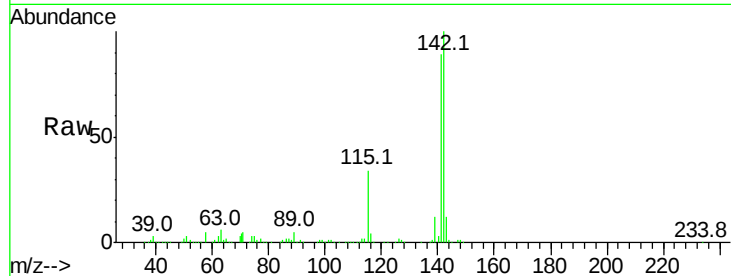
#37
2-Methylnaphthalene
Concen: 42.793 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	33.7	26.1	39.1

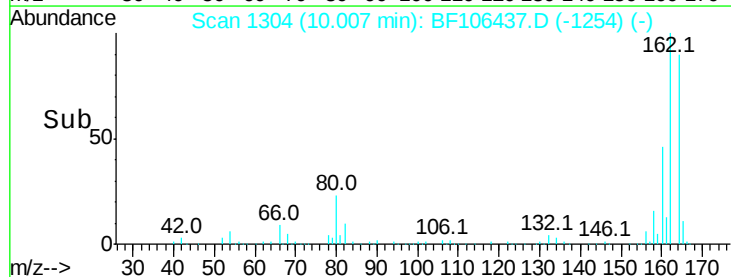
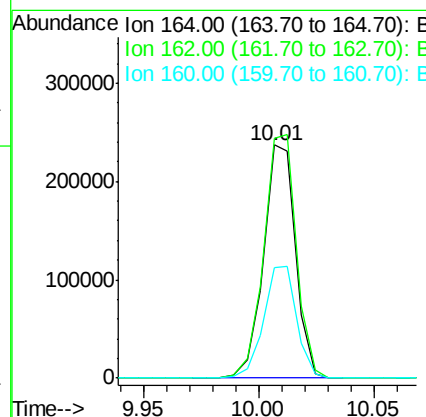
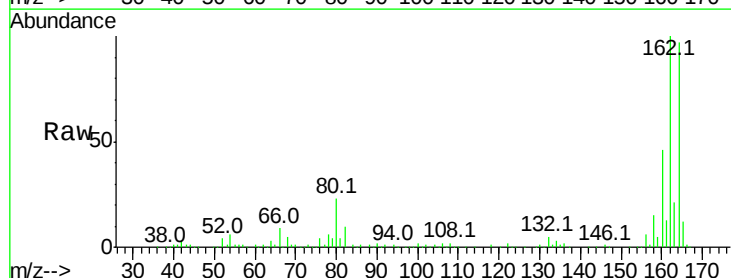
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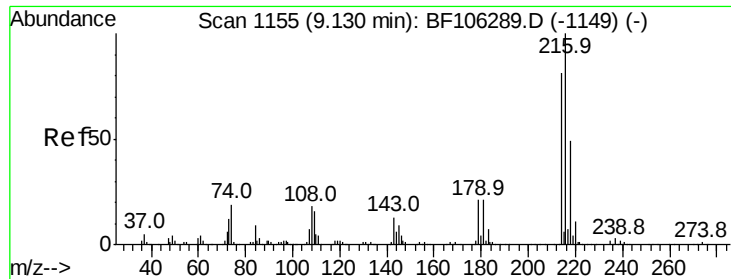
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.5	38.3	57.5





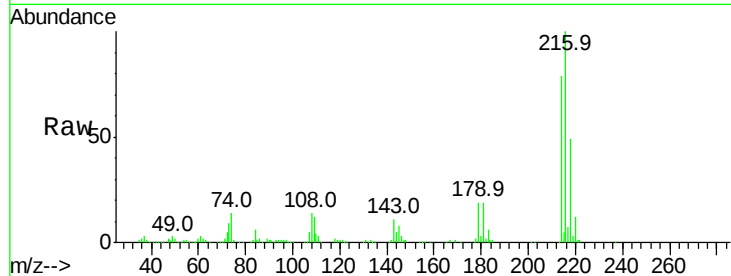
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.299 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

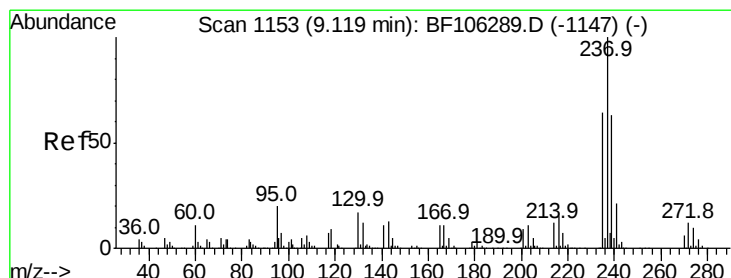
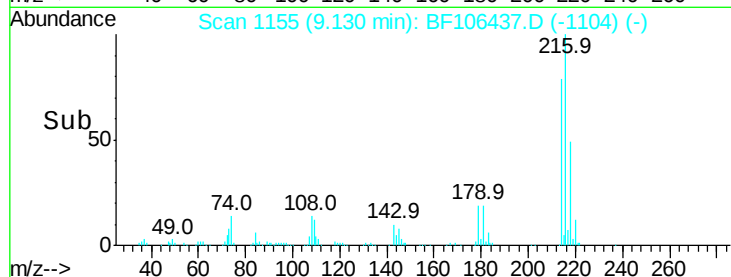
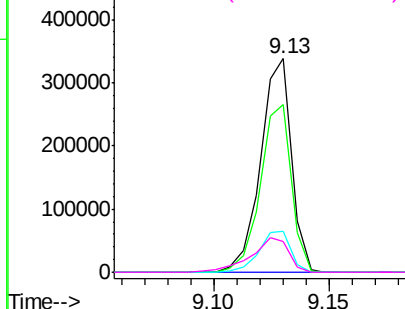
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	19.5	18.1	27.1	
108	19.8	17.2	25.8	

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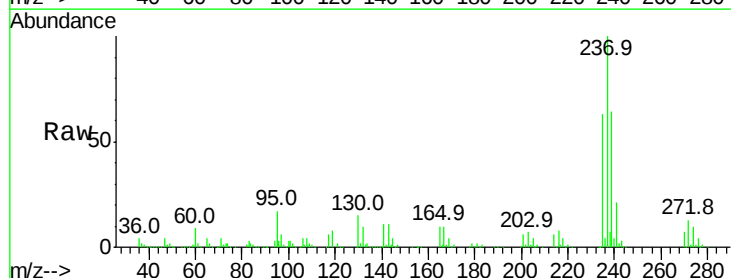


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

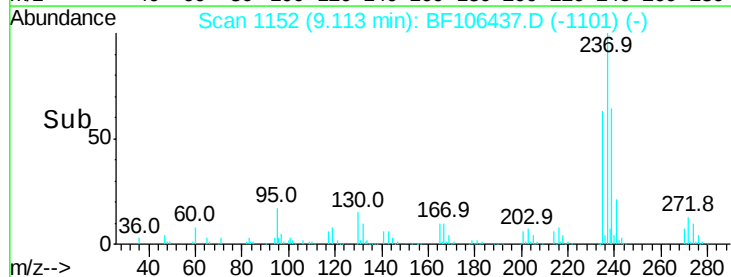
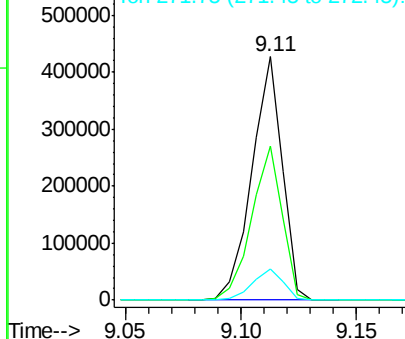


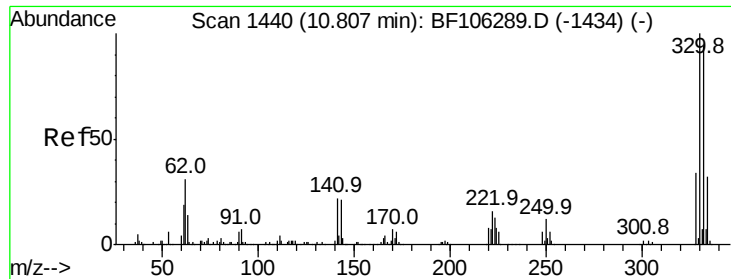
#40
 Hexachlorocyclopentadiene
 Concen: 95.649 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	44.8	84.8	
272	12.9	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





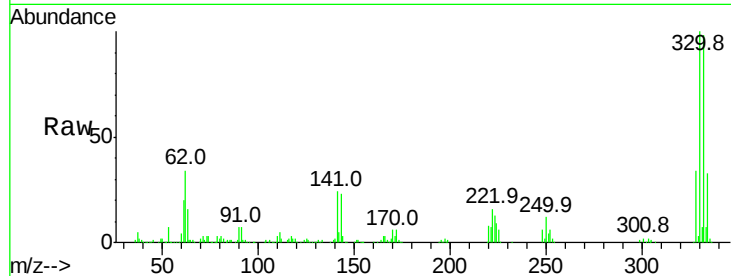
#41
 2,4,6-Tribromophenol
 Concen: 152.859 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

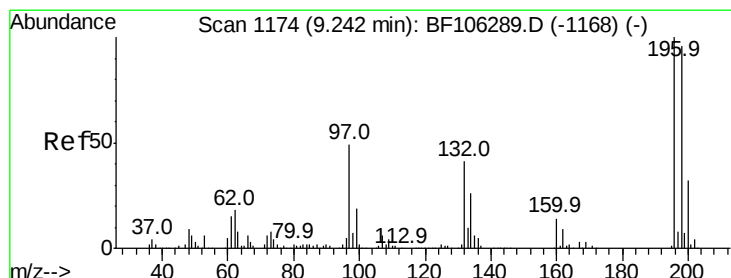
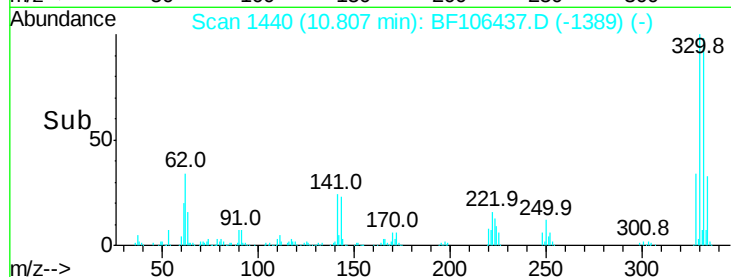
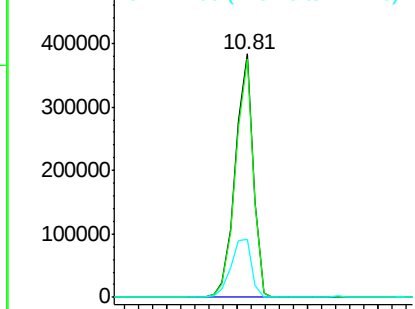
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	77.0	115.6	
141	27.7	29.9	44.9	

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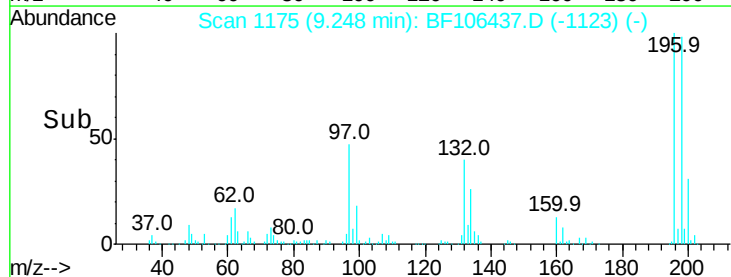
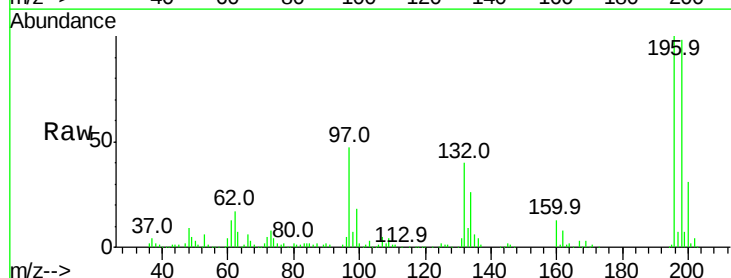
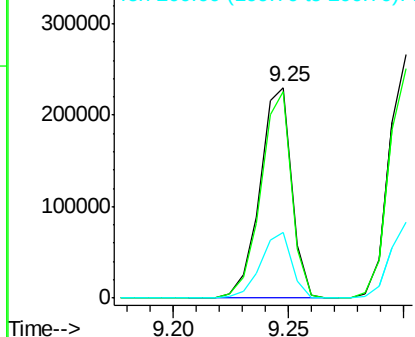
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

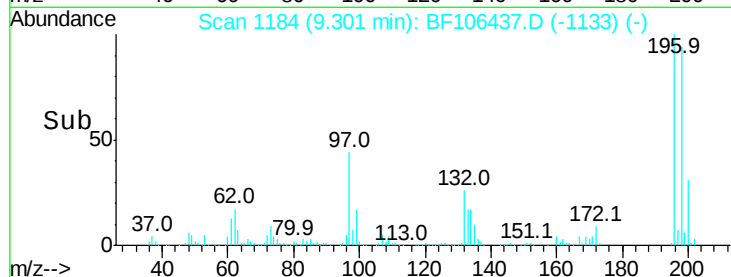
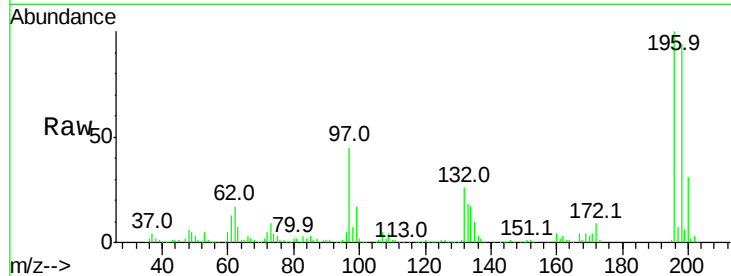
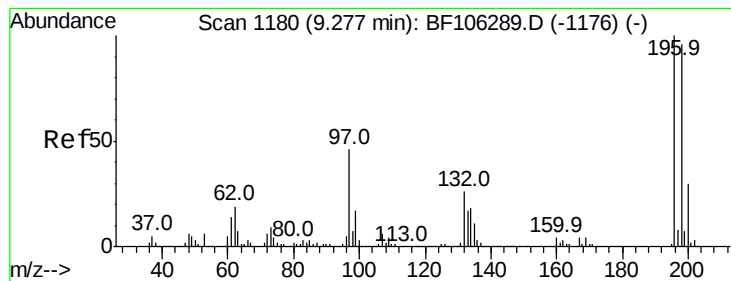


#42
 2,4,6-Trichlorophenol
 Concen: 46.717 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	75.7	113.5	
200	31.4	24.5	36.7	

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





#43

2,4,5-Trichlorophenol

Concen: 44.091 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tot Ion	196	Resp	225553
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.6	112.0
97	44.5	42.9	64.3
132	26.3	26.3	39.5#

Instrument :

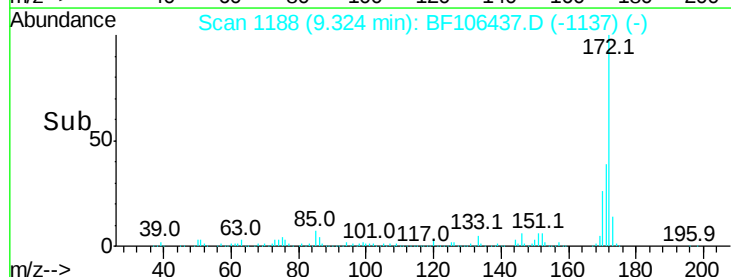
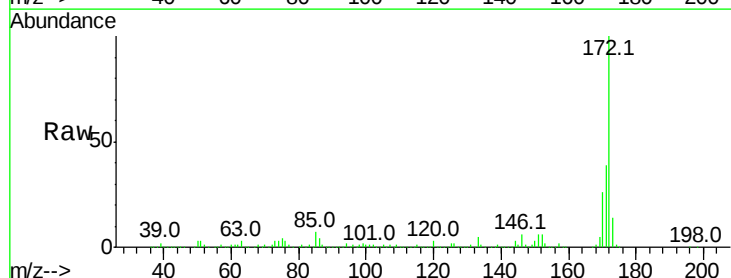
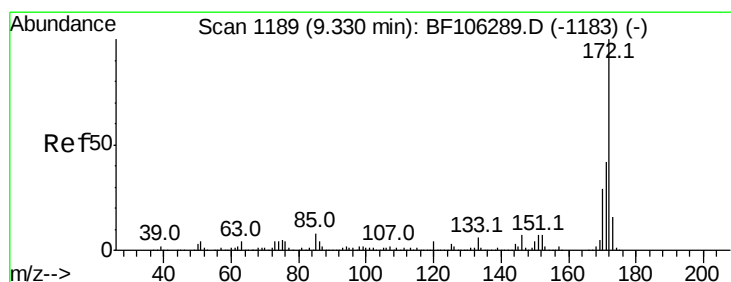
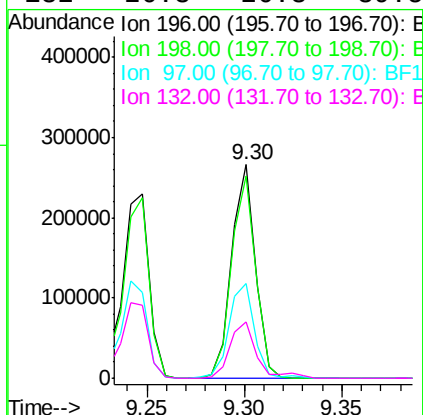
BNA_F

ClientSampleId :

PB110197BS

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6/15/2018 11:16:43 AM



#44

2-Fluorobiphenyl

Concen: 103.068 ng

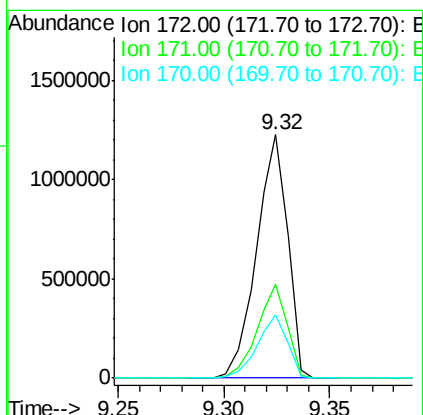
RT: 9.32 min Scan# 1188

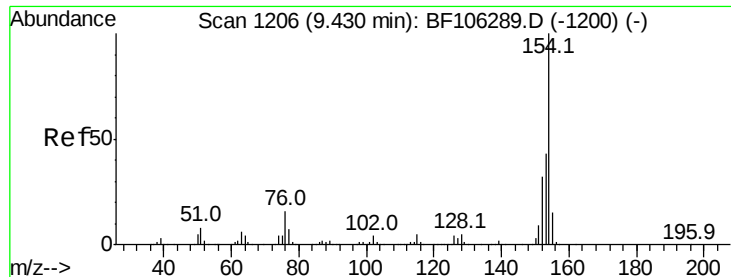
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion	172	Resp	1247030
Ion Ratio	Lower	Upper	
172	100		
171	38.5	29.7	44.5
170	26.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 41.521 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

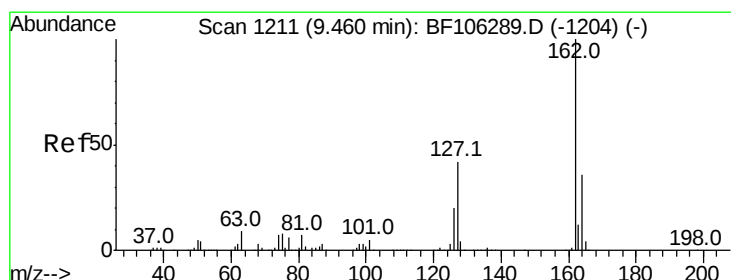
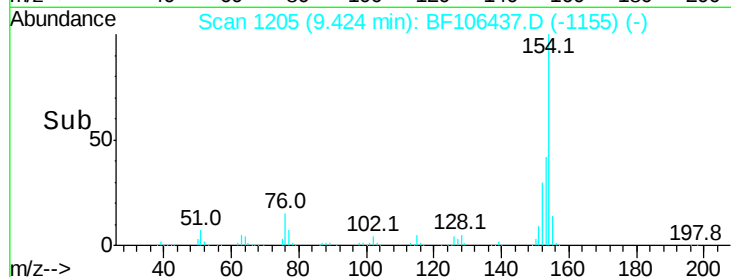
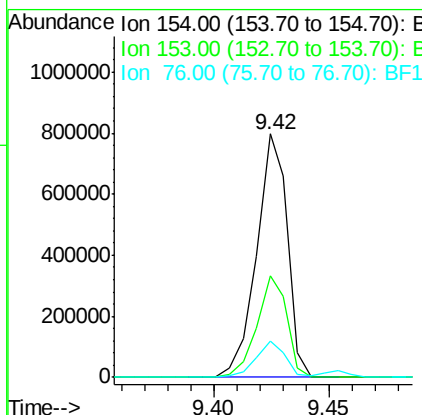
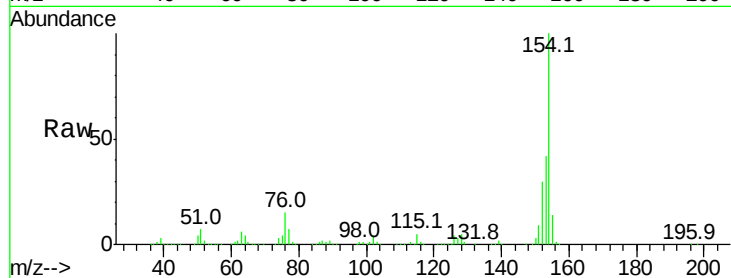
ClientSampled :

PB110197BS

Tot Ion:	154	Resp:	737692
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	14.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 42.370 ng

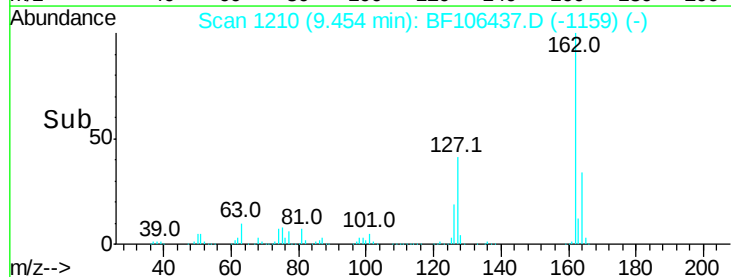
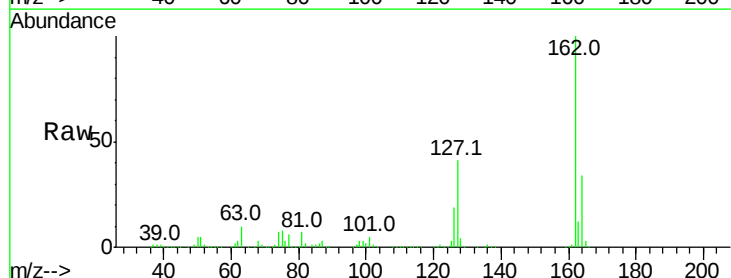
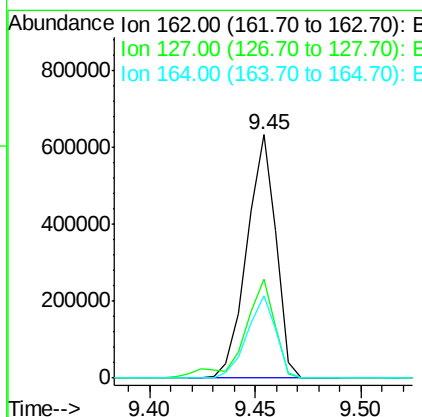
RT: 9.45 min Scan# 1210

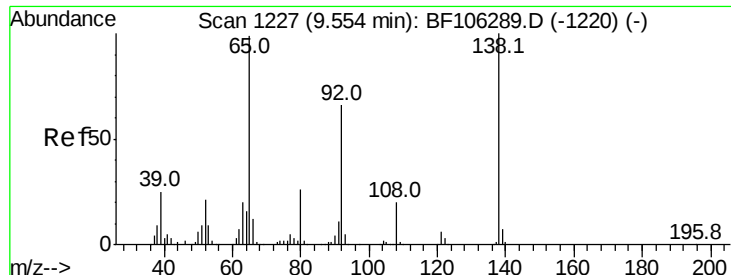
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	162	Resp:	602413
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	33.8	26.5	39.7





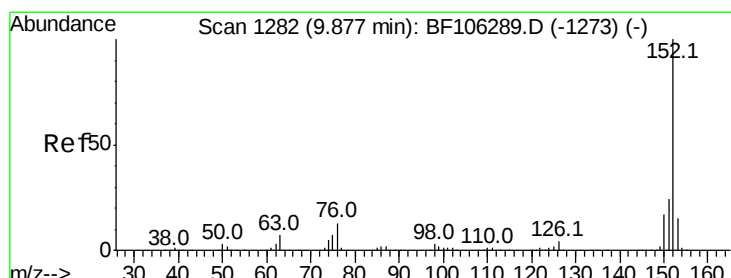
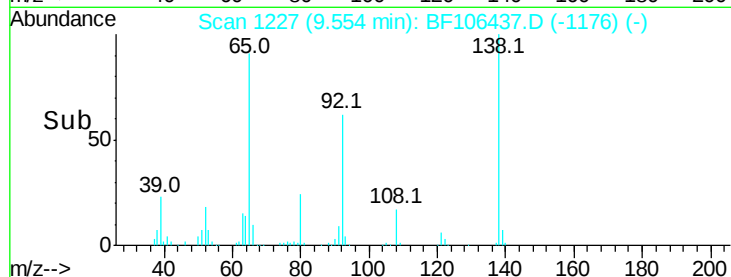
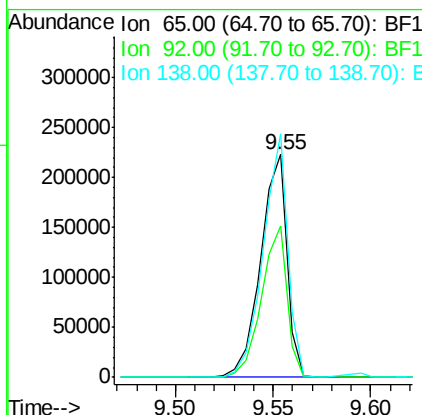
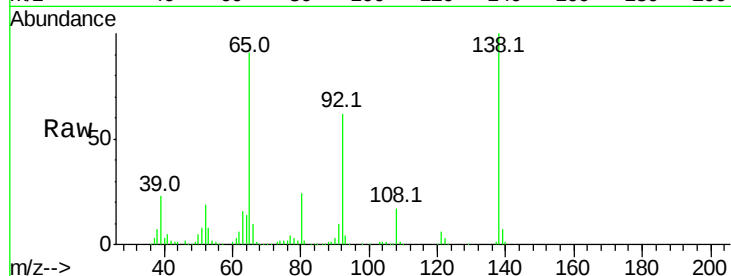
#47
2-Nitroaniline
Concen: 46.620 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.8	83.6
138	109.4	91.2	136.8

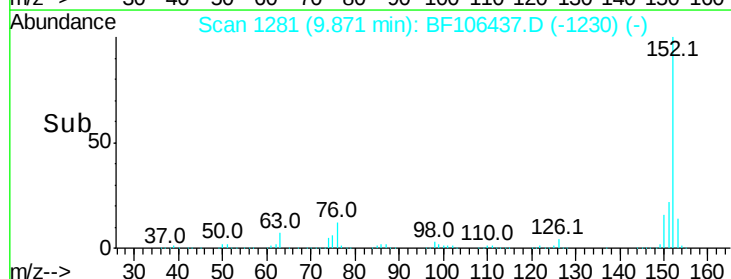
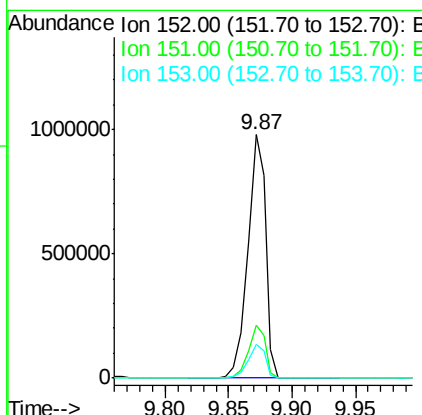
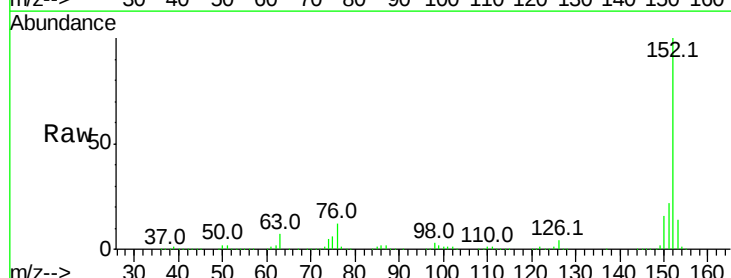
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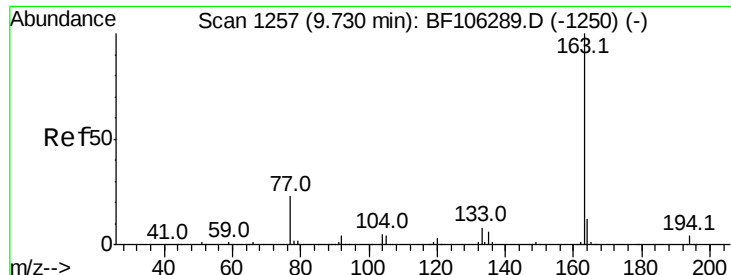
Sohil
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#48
Acenaphthylene
Concen: 43.759 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

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





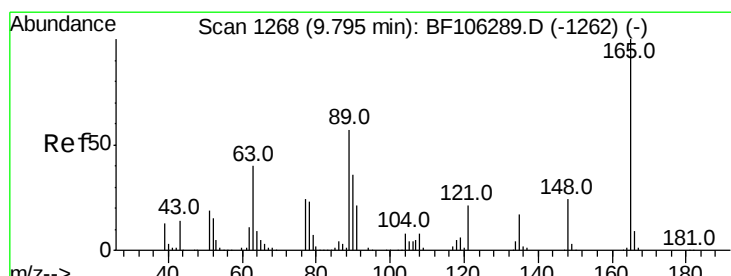
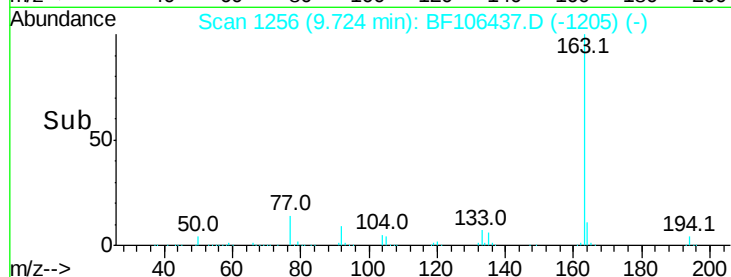
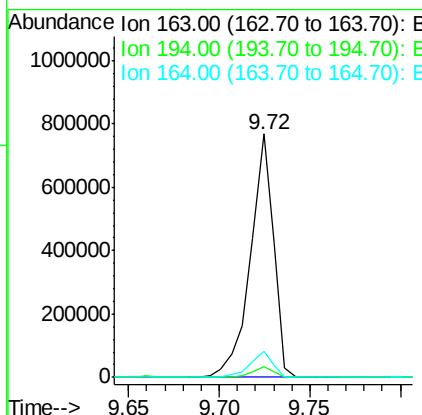
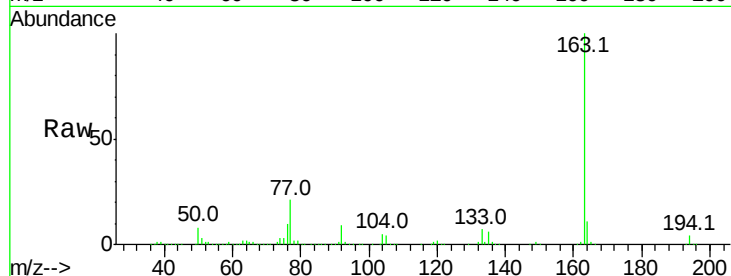
#49
Dimethylphthalate
Concen: 41.536 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleID :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	680686		
194	4.2	2.7	4.1#	
164	10.7	8.2	12.2	

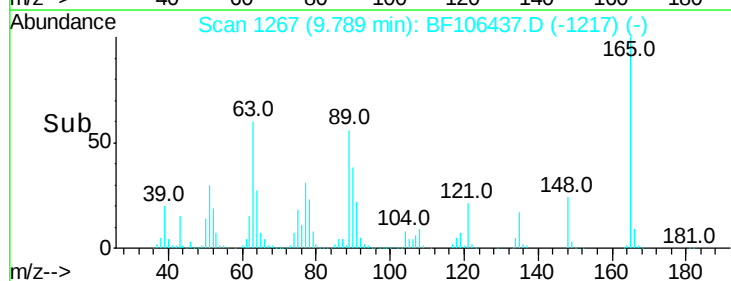
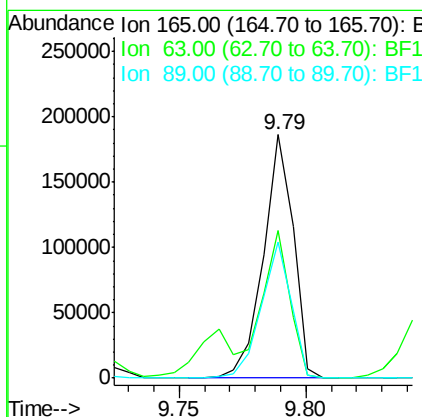
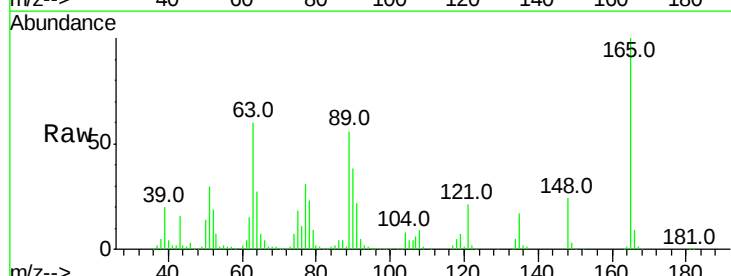
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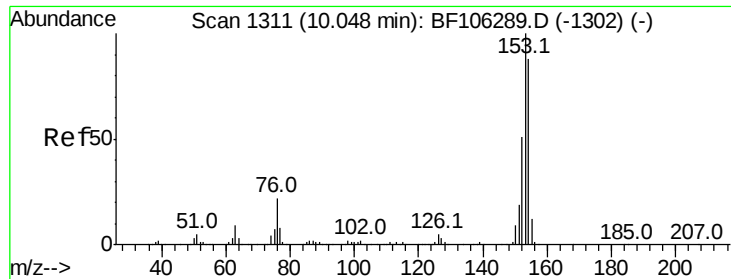
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.327 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155079		
63	60.4	44.7	67.1	
89	55.7	44.0	66.0	





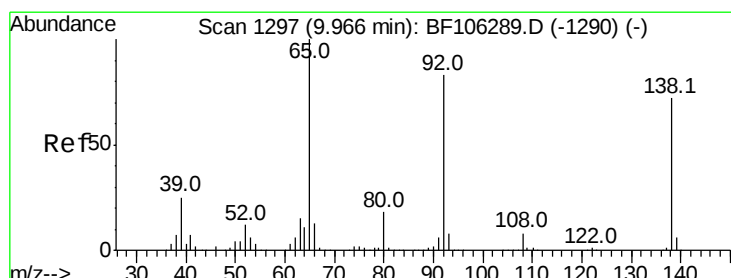
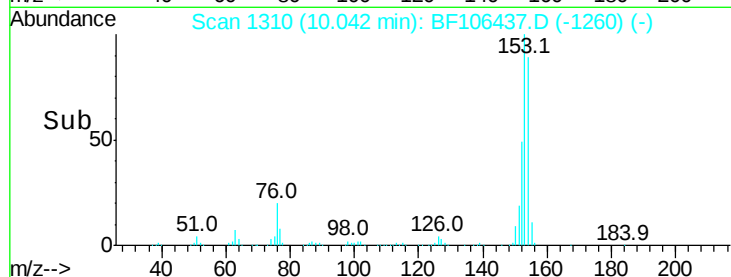
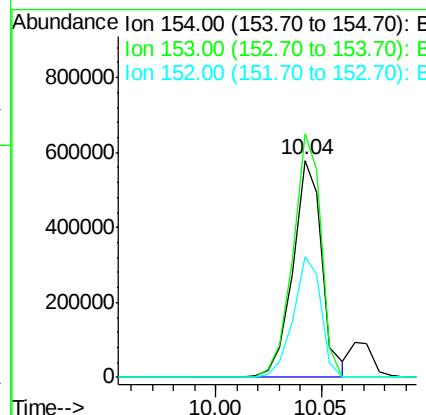
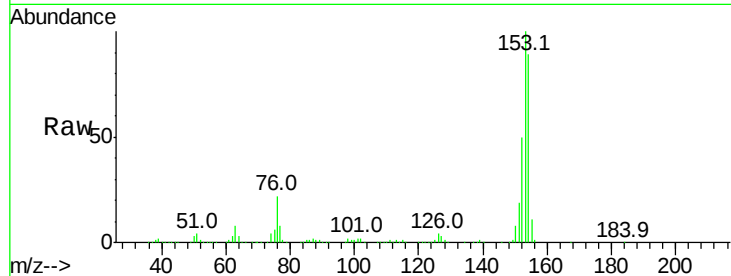
#51
Acenaphthene
Concen: 39.475 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	55.6	43.8	65.8

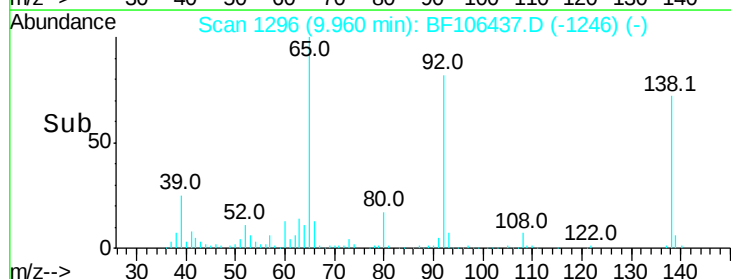
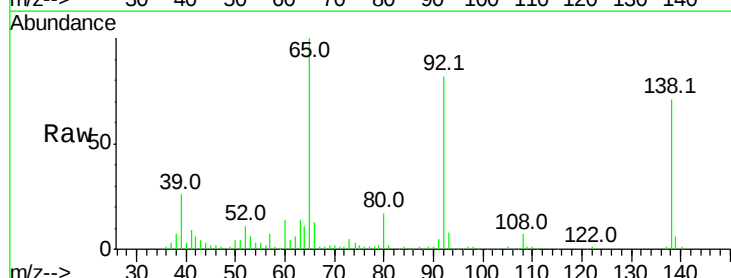
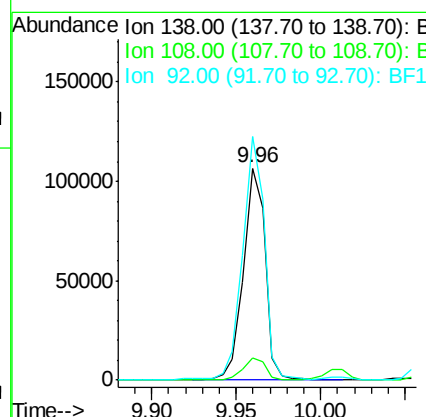
Manual Integrations
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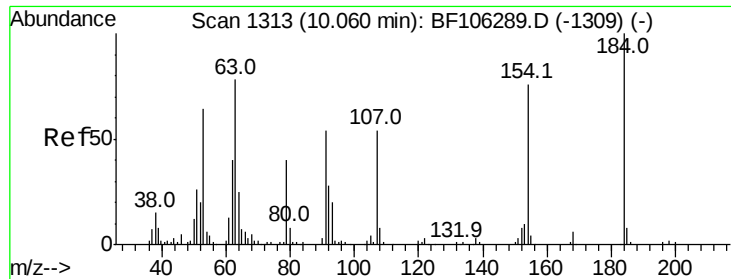
Sohil
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#52
3-Nitroaniline
Concen: 24.285 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	114.9	89.4	134.2





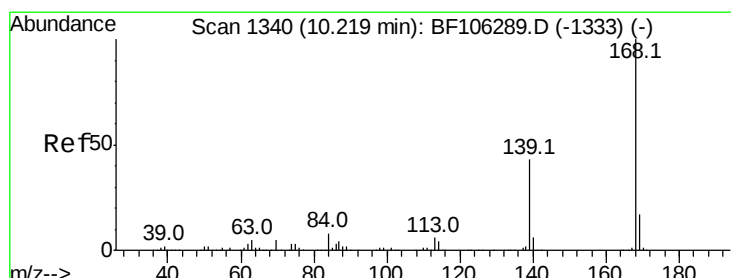
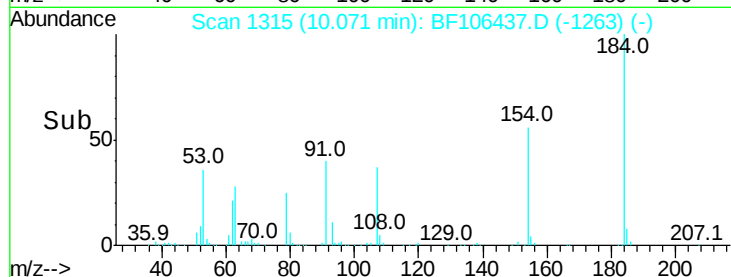
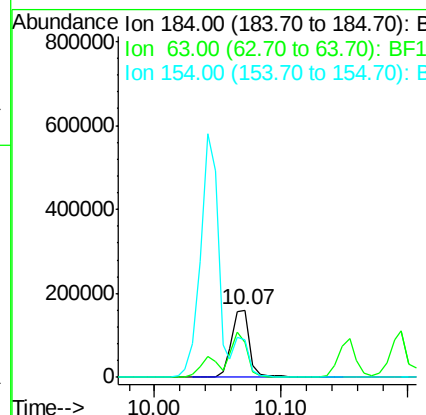
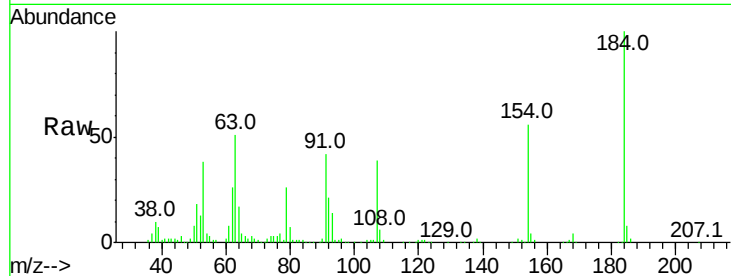
#53
2,4-Dinitrophenol
Concen: 102.792 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	162210		
63	51.4	54.2	81.2#	
154	55.9	184.0	276.0#	

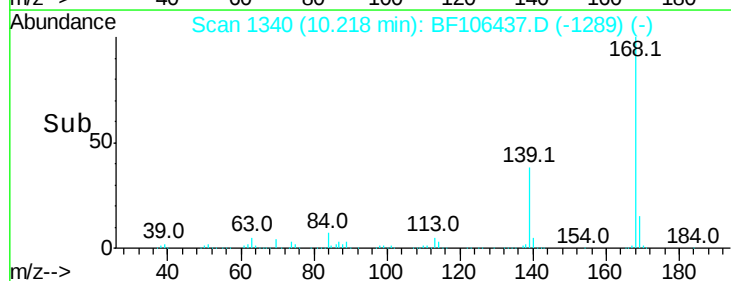
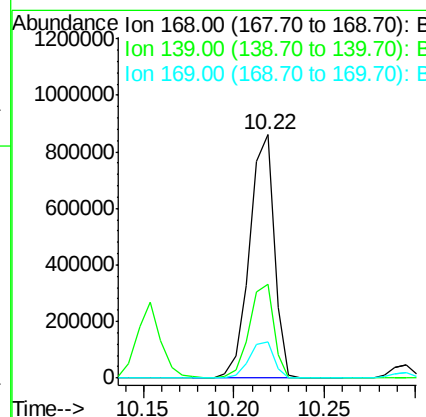
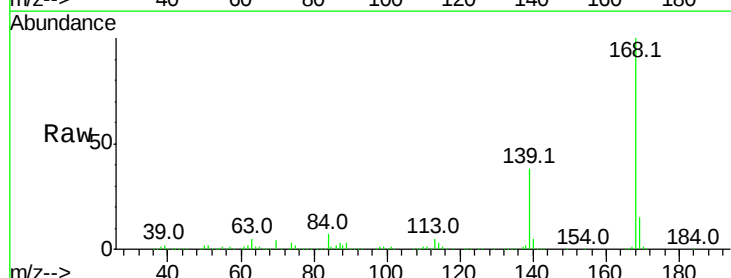
Manual Integrations
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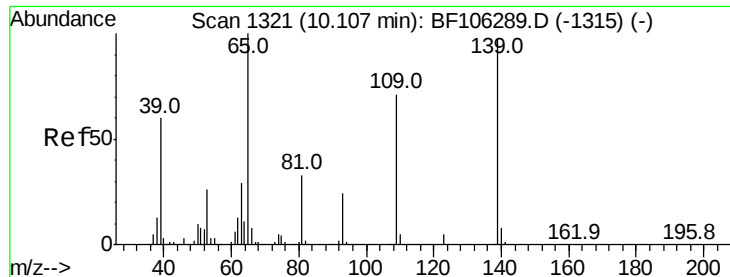
Sohil
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#54
Dibenzofuran
Concen: 43.024 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	814240		
139	38.4	30.1	45.1	
169	15.1	10.9	16.3	





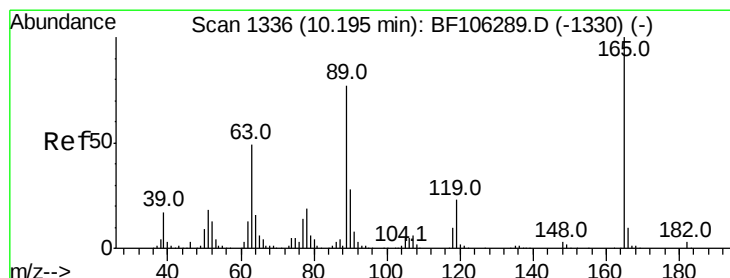
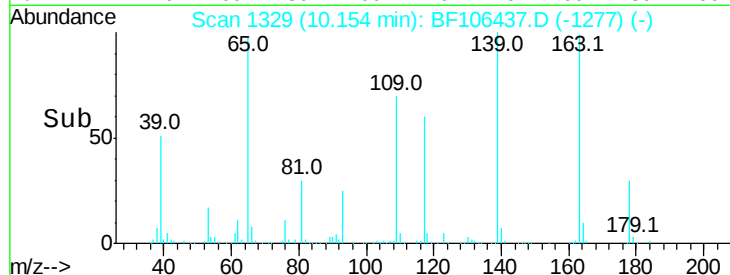
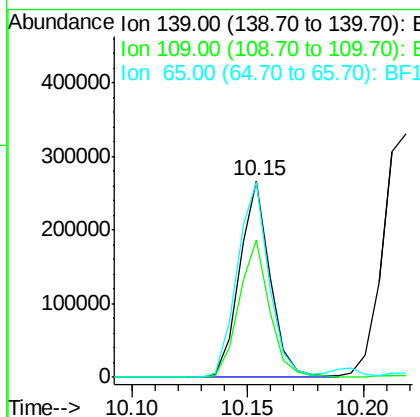
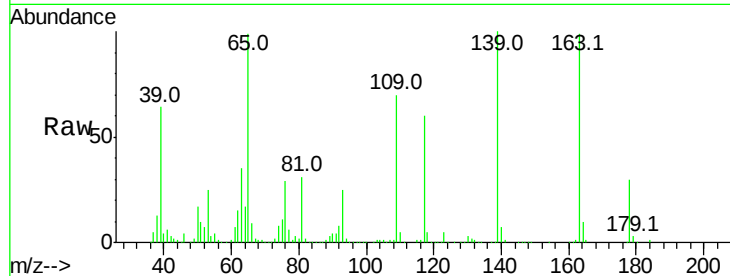
#55
4-Nitrophenol
Concen: 80.692 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampled :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	245736		
109	69.7	48.4	88.4	
65	99.4	72.6	112.6	

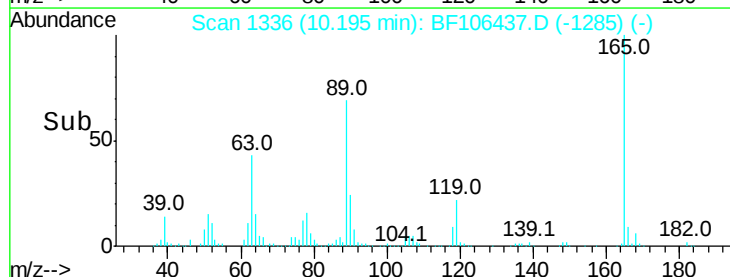
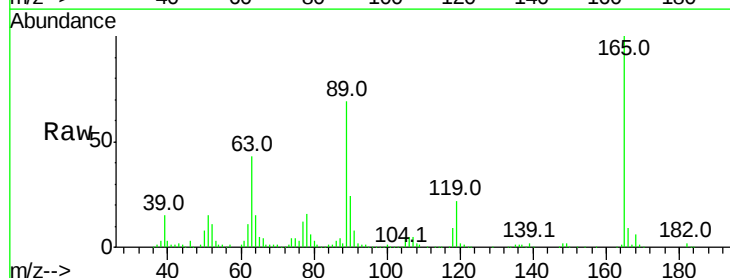
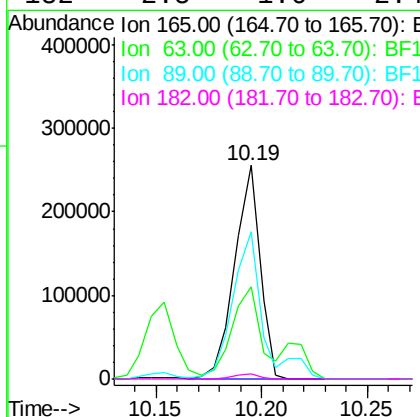
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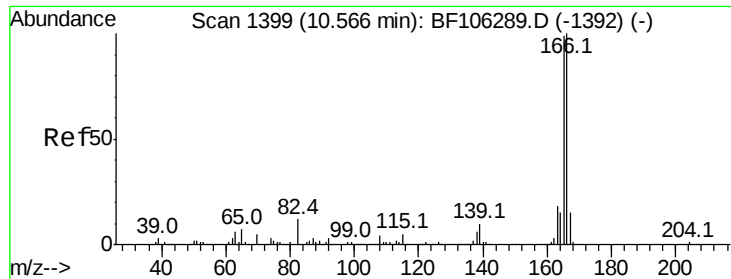
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#56
2,4-Dinitrotoluene
Concen: 50.595 ng
RT: 10.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212683		
63	43.5	36.4	54.6	
89	69.2	57.8	86.6	
182	2.5	1.6	2.4	#





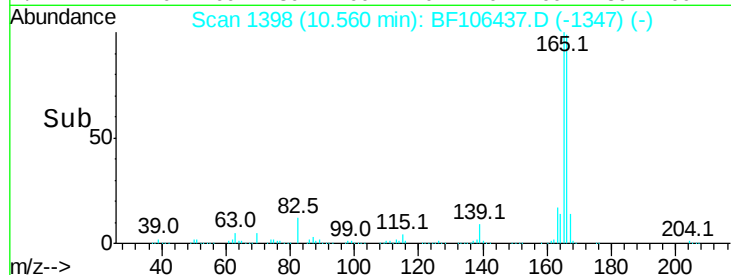
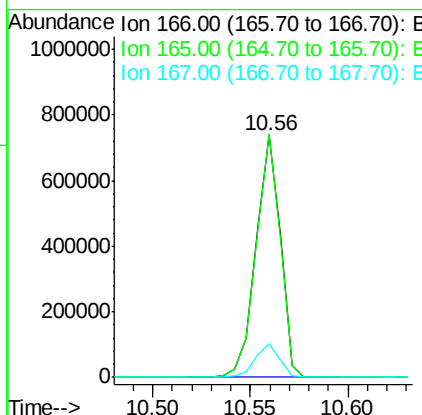
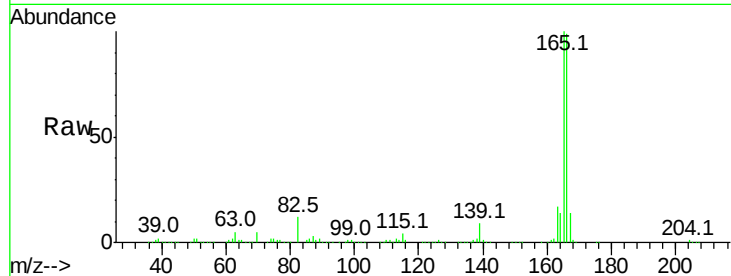
#57
Fluorene
Concen: 42.442 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	79.8	119.8	
167	13.7	10.6	16.0	

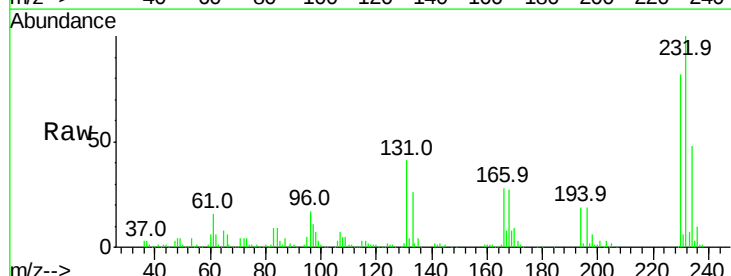
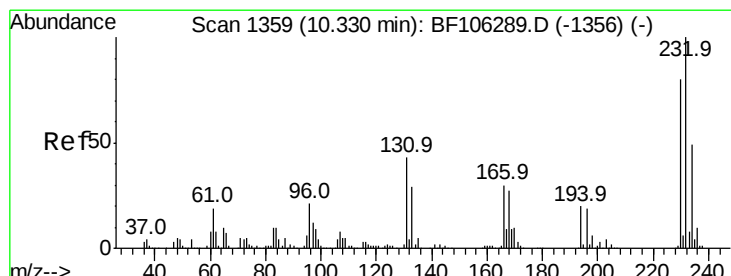
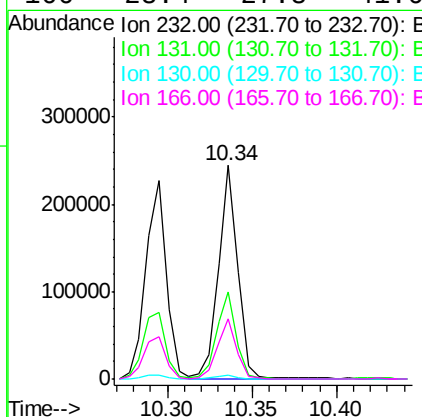
Manual Integrations
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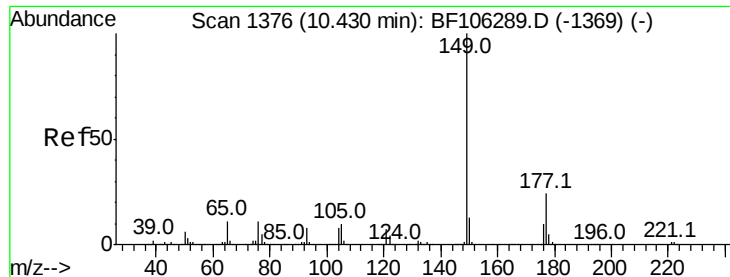
Sohil
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#58
2,3,4,6-Tetrachlorophenol
Concen: 48.080 ng
RT: 10.34 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.9	43.8	65.8#	
130	2.0	2.1	3.1#	
166	28.4	27.8	41.6	





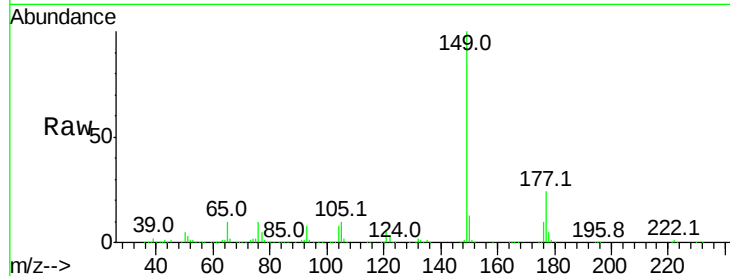
#59
Diethylphthalate
Concen: 40.376 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

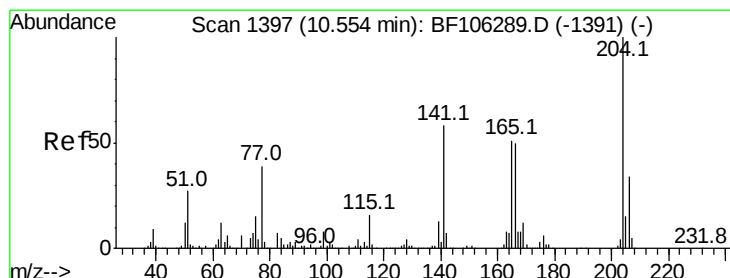
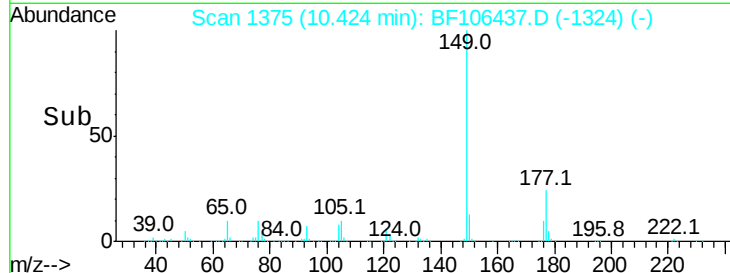
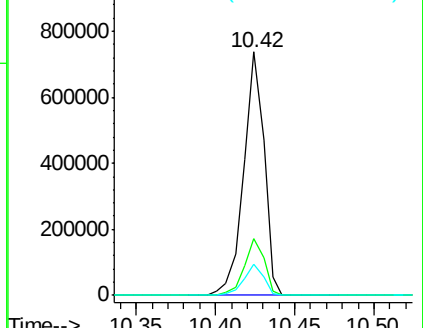
Tot Ion	Ratio	Resp	Lower	Upper
149	100	656752		
177	23.6	16.1	24.1	
150	12.8	10.1	15.1	

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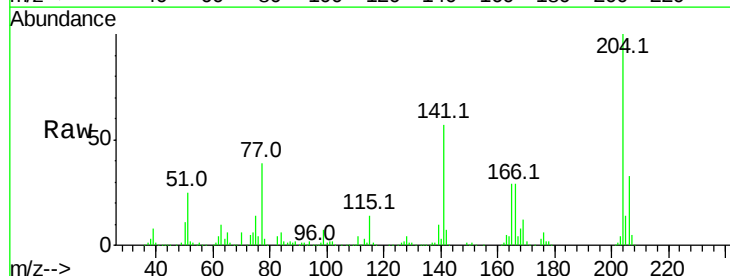


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

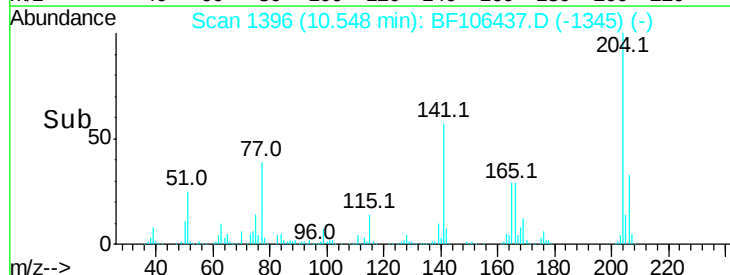
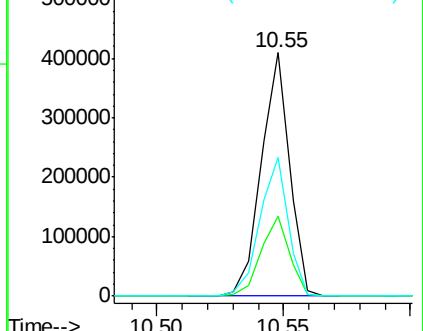


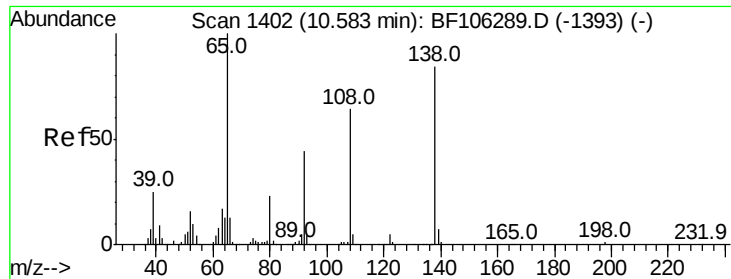
#60
4-Chlorophenyl-phenylether
Concen: 40.600 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	320196		
206	33.0	26.5	39.7	
141	56.8	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





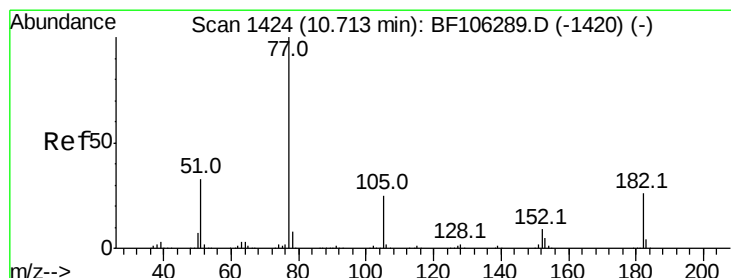
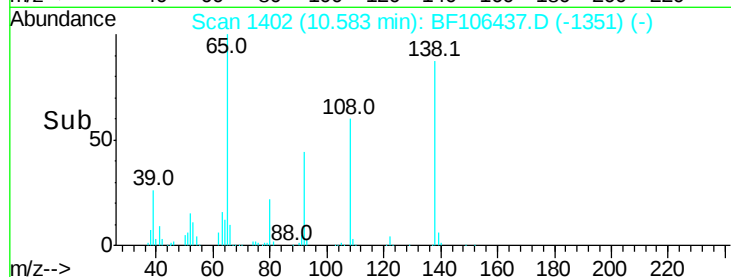
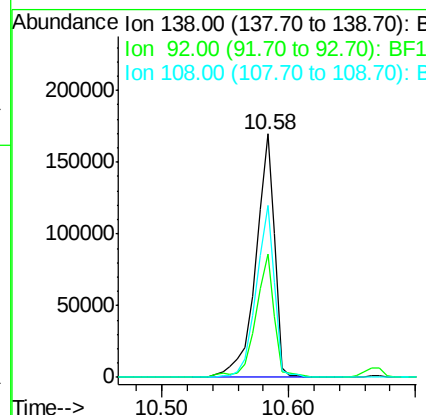
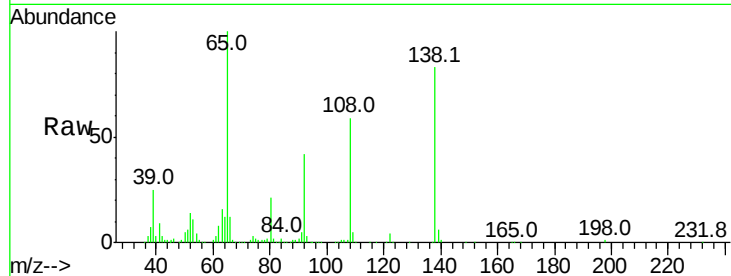
#61
4-Nitroaniline
Concen: 45.879 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	70.7	52.5	92.5

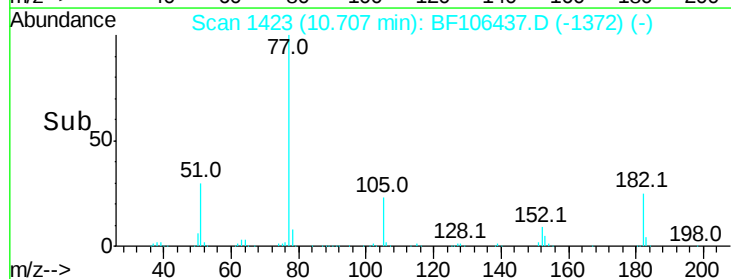
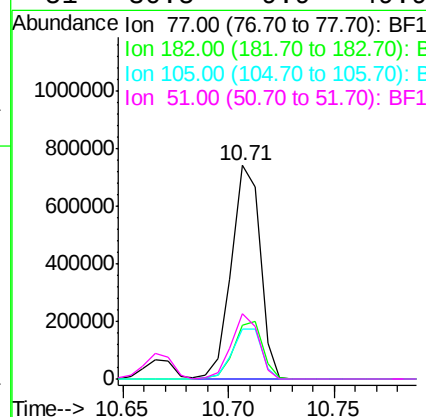
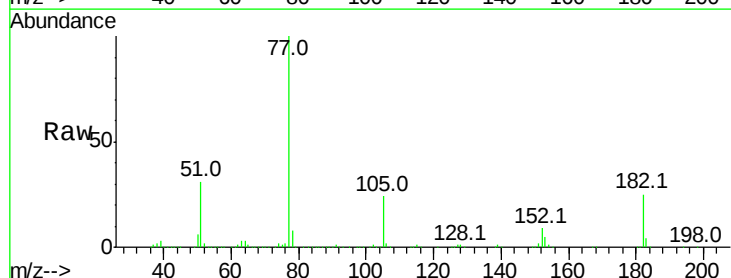
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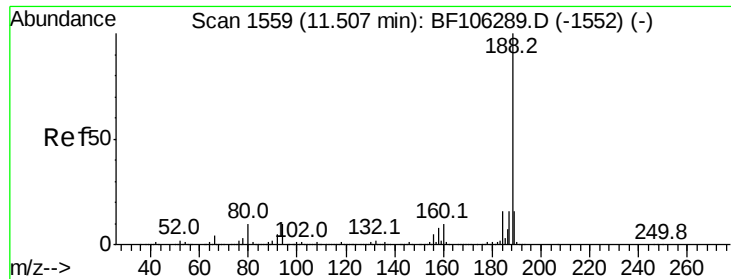
Sohil
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#62
Azobenzene
Concen: 40.848 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.7	41.7
105	23.7	3.0	43.0
51	30.5	9.9	49.9





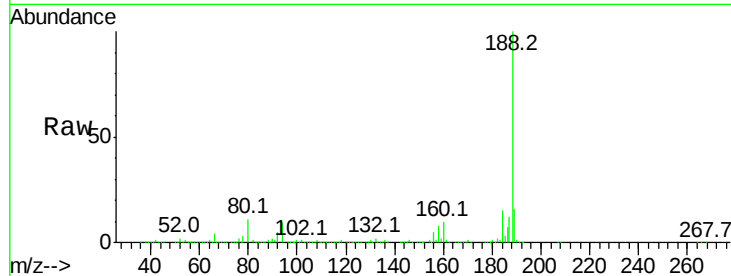
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8

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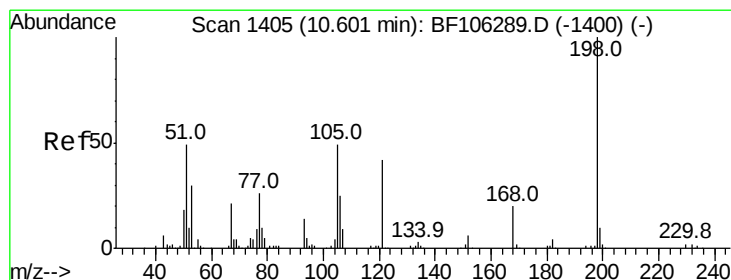
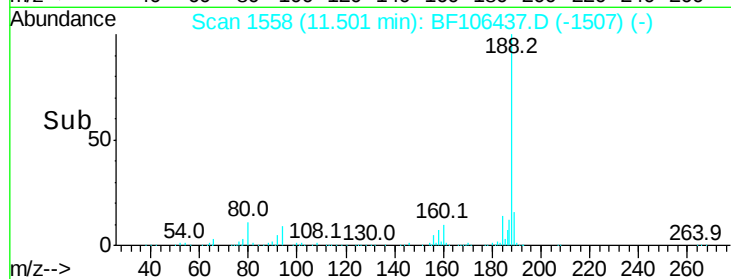
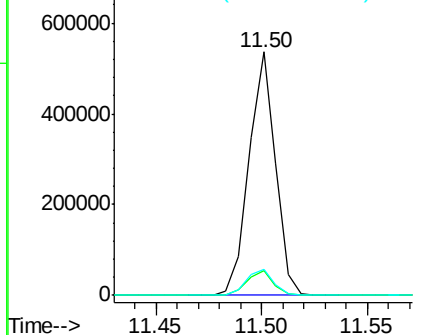
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Abundance Ion 188.00 (187.70 to 188.70): E

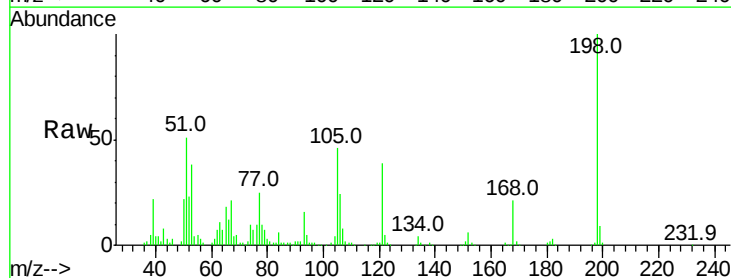
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 46.660 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

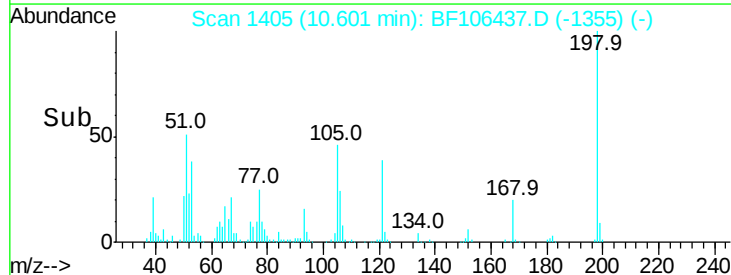
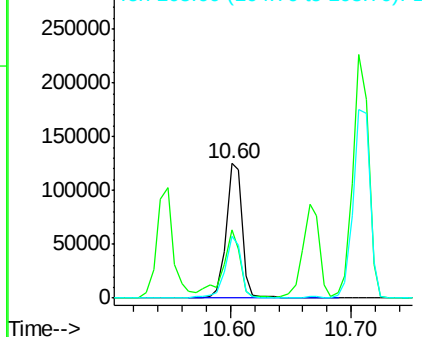
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.9	37.7	77.7
105	45.6	36.3	76.3

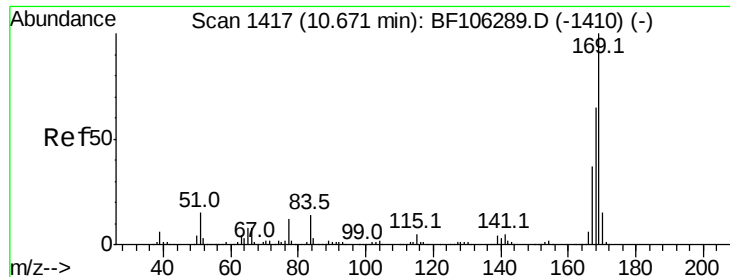


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.137 ng

RT: 10.67 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

PB110197BS

Tot Ion:169 Resp: 597780

Ion Ratio Lower Upper

169 100

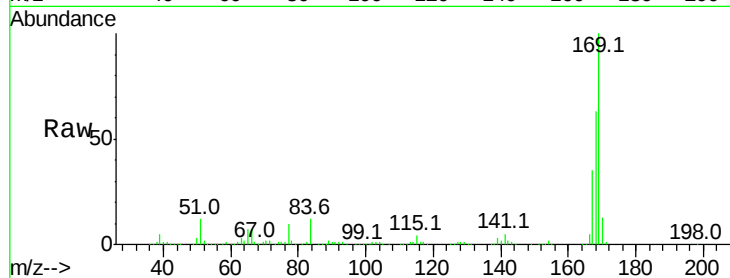
168 63.1 54.4 81.6

167 34.6 29.8 44.6

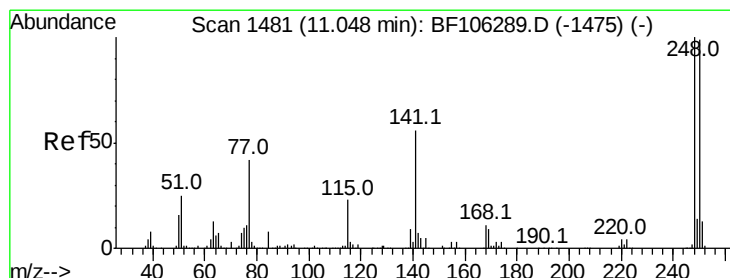
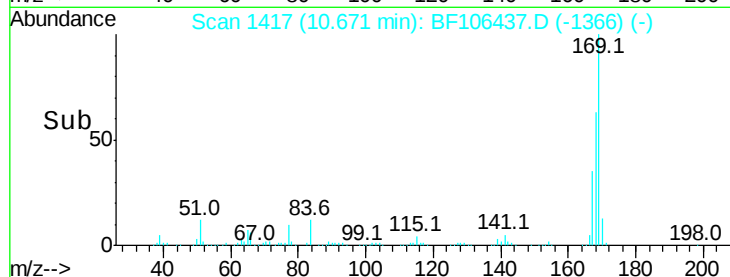
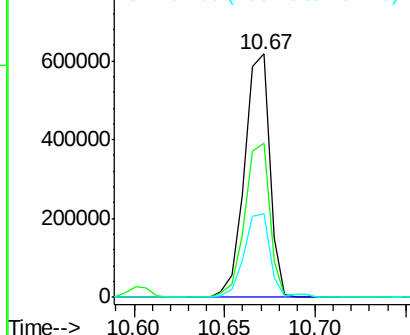
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.067 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:248 Resp: 217848

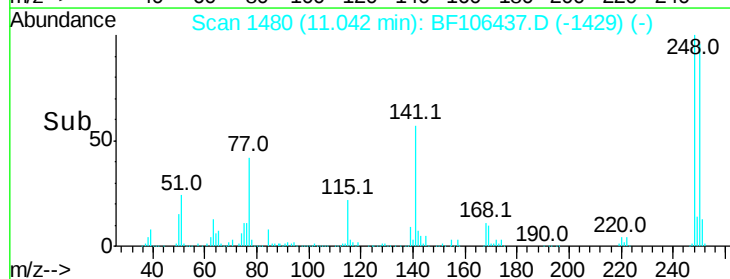
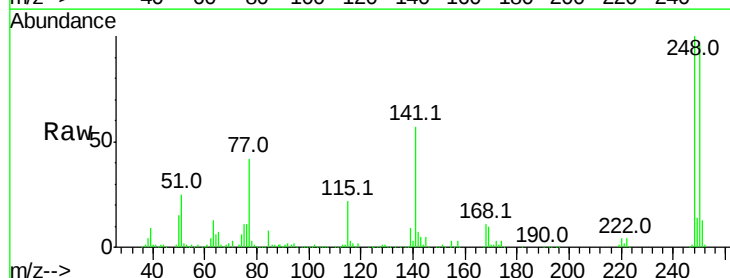
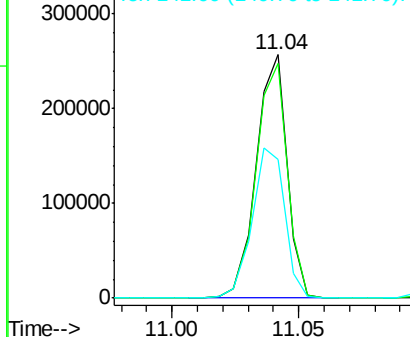
Ion Ratio Lower Upper

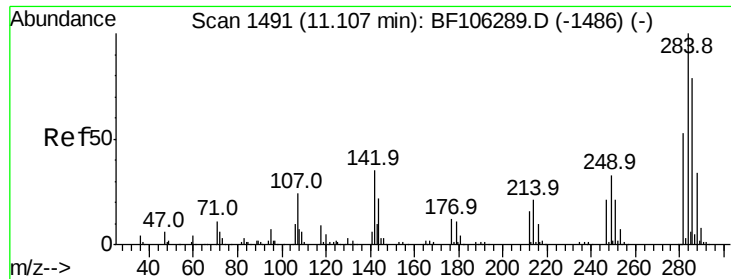
248 100

250 96.5 76.9 115.3

141 56.9 74.4 111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.075 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

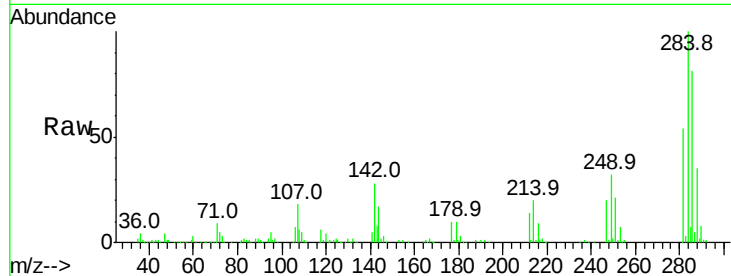
ClientSampleId :

PB110197BS

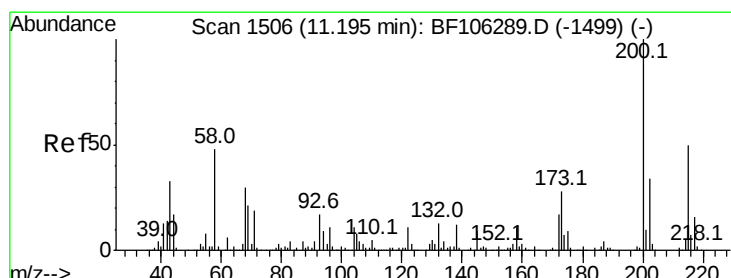
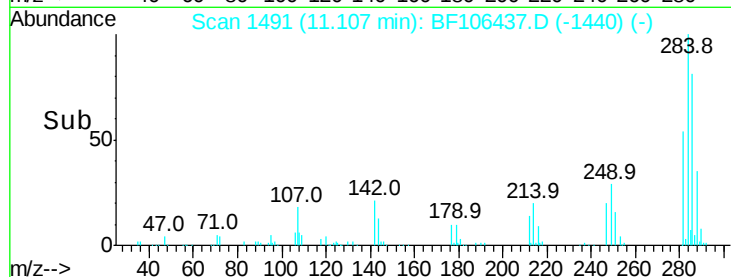
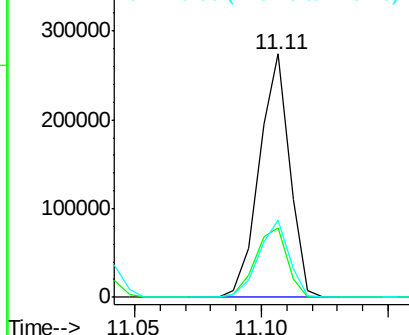
Tot Ion:	284	Resp:	230100
Ion Ratio	Lower	Upper	
284	100		
142	28.4	34.6	52.0#
249	31.6	24.8	37.2

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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: 40.689 ng

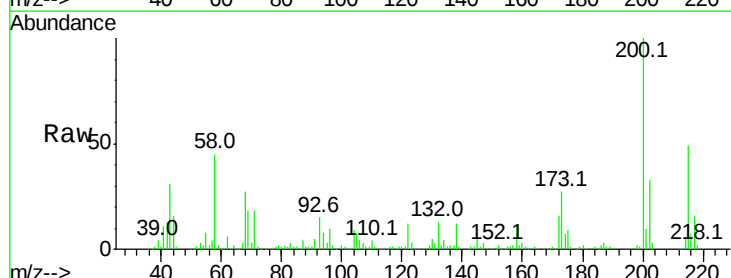
RT: 11.19 min Scan# 1506

Delta R.T. -0.00 min

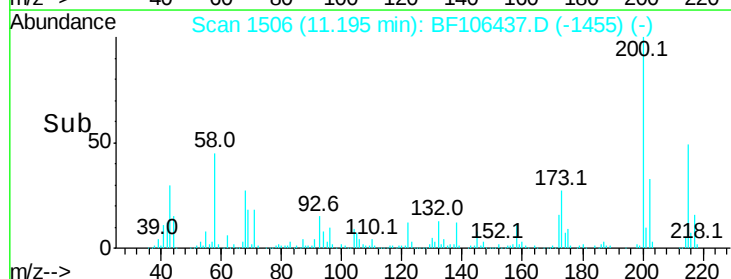
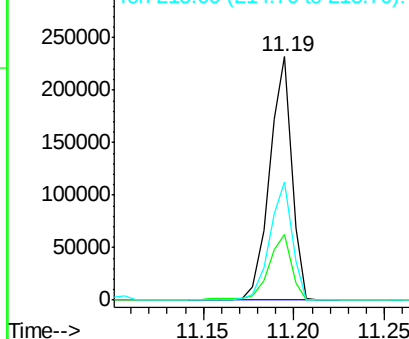
Lab File: BF106437.D

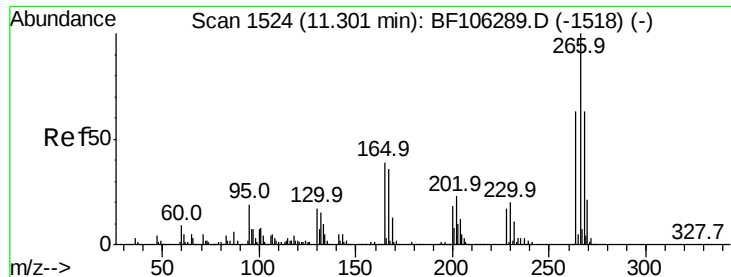
Acq: 14 Jun 2018 13:03

Tgt Ion:	200	Resp:	196549
Ion Ratio	Lower	Upper	
200	100		
173	26.7	8.6	48.6
215	48.7	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





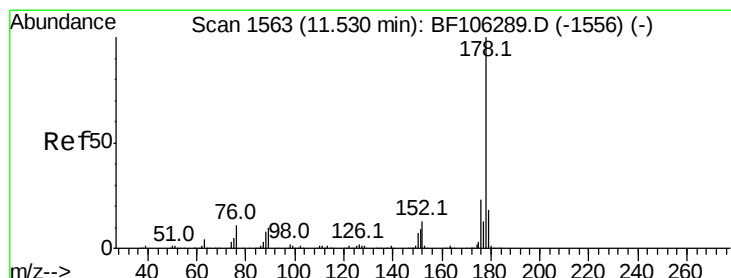
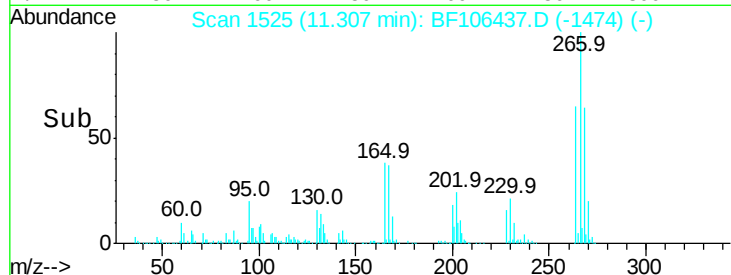
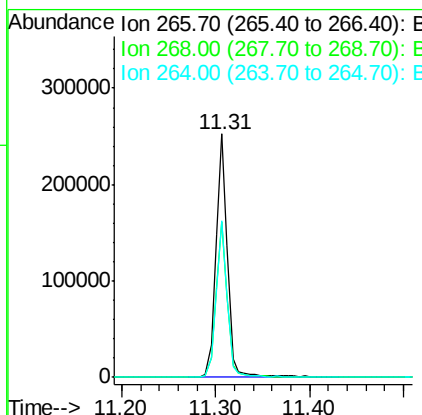
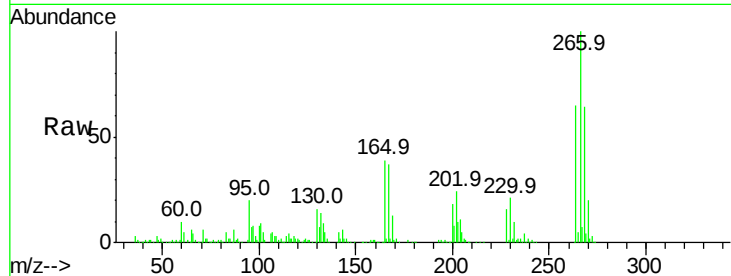
#69
 Pentachlorophenol
 Concen: 65.963 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	222095		
268	63.6		51.1	76.7
264	64.5		49.5	74.3

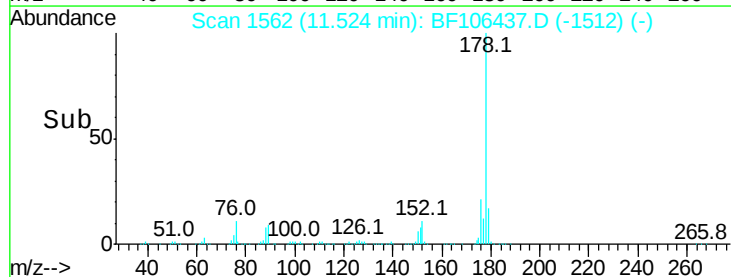
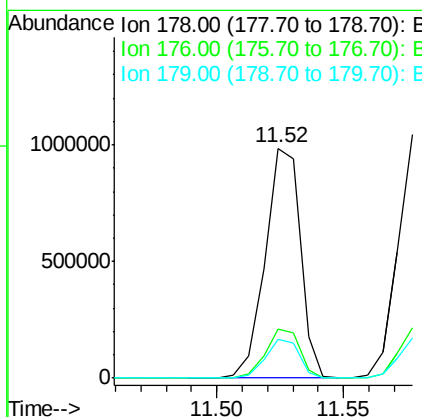
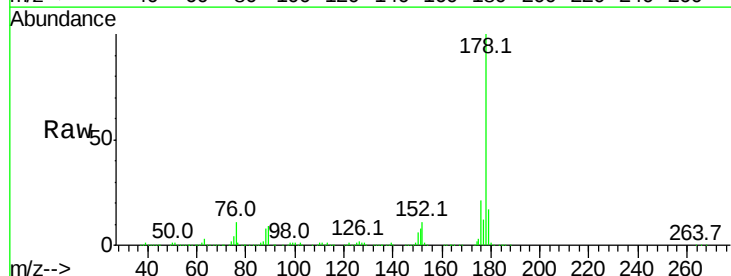
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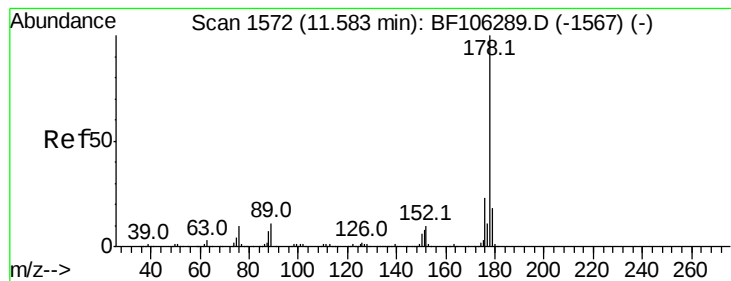
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#70
 Phenanthrene
 Concen: 41.564 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	949369		
176	21.1		15.8	23.8
179	16.7		13.0	19.6





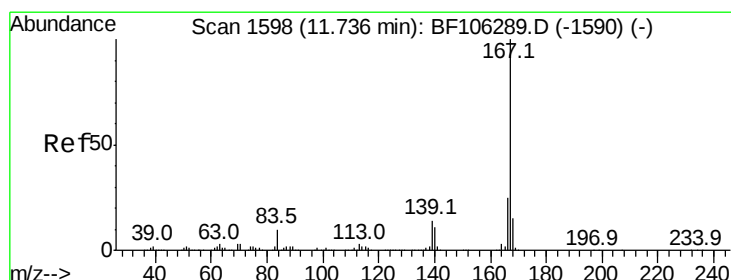
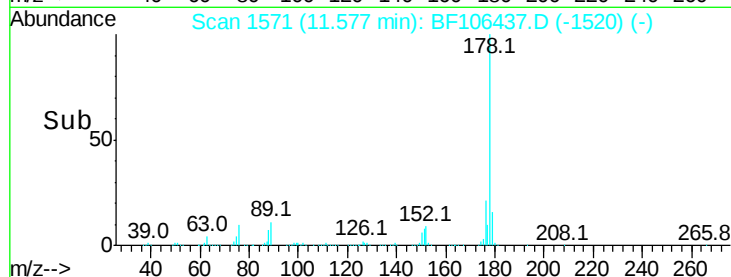
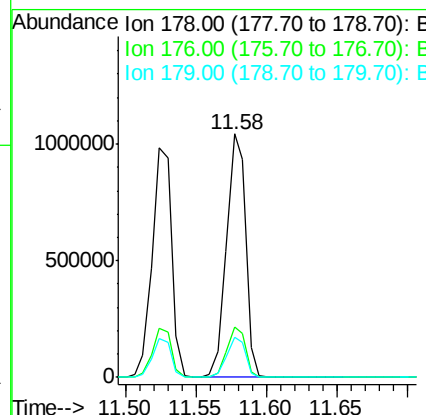
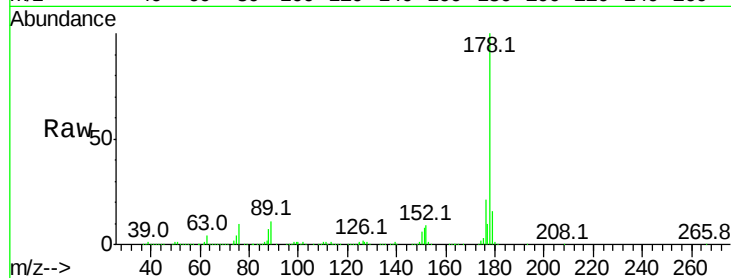
#71
 Anthracene
 Concen: 42.967 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	16.4	12.6	19.0

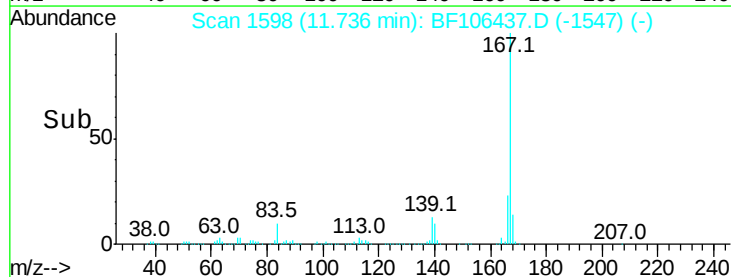
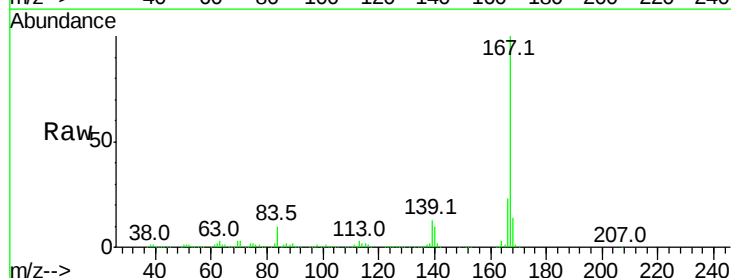
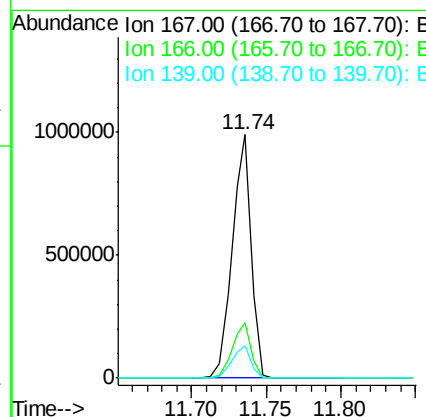
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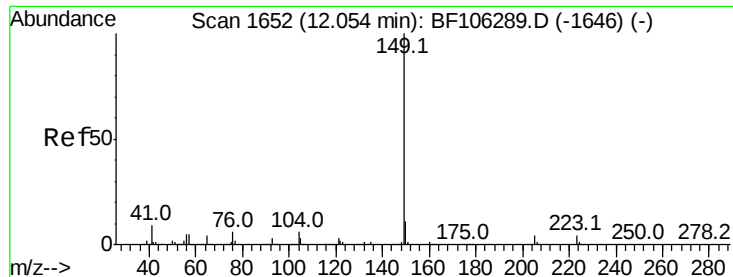
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#72
 Carbazole
 Concen: 42.326 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.477 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

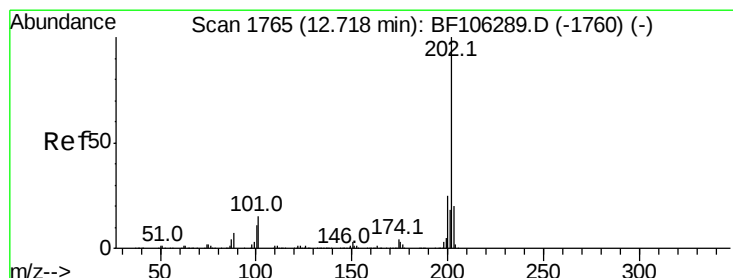
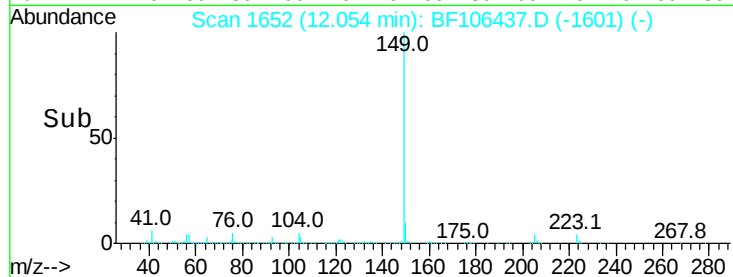
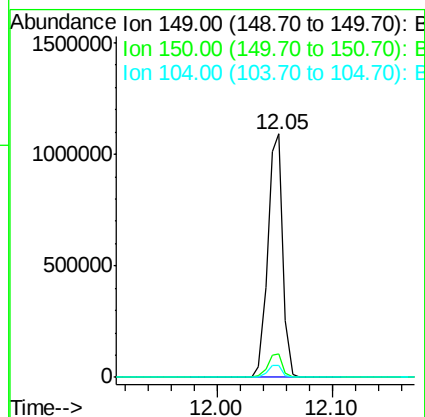
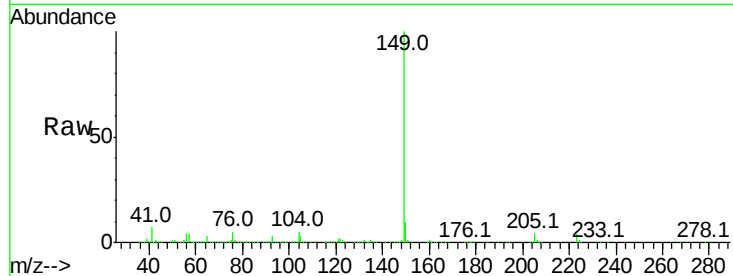
ClientSampleId :

PB110197BS

Tot Ion:	149	Resp:	998704
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8

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#74

Fluoranthene

Concen: 42.316 ng

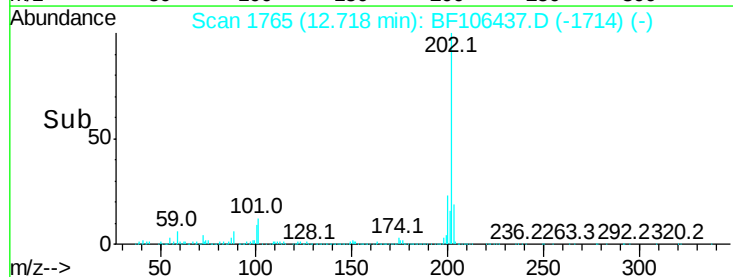
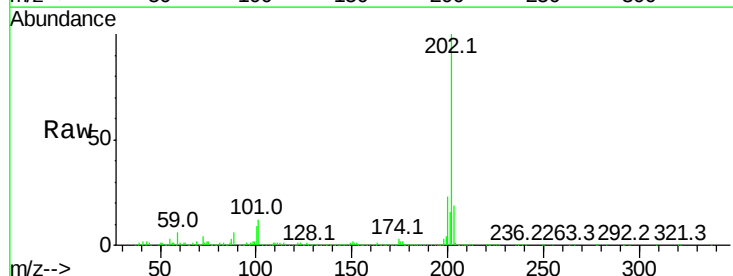
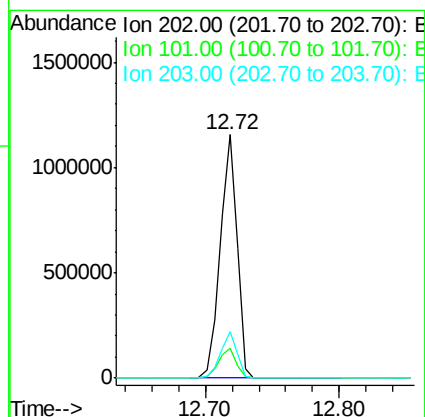
RT: 12.72 min Scan# 1765

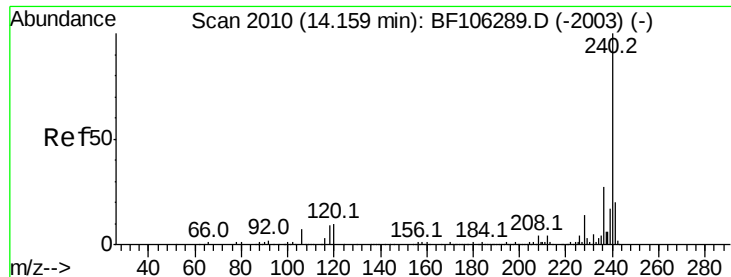
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:	202	Resp:	1030755
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

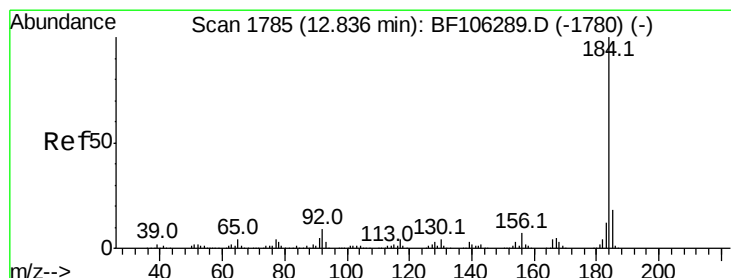
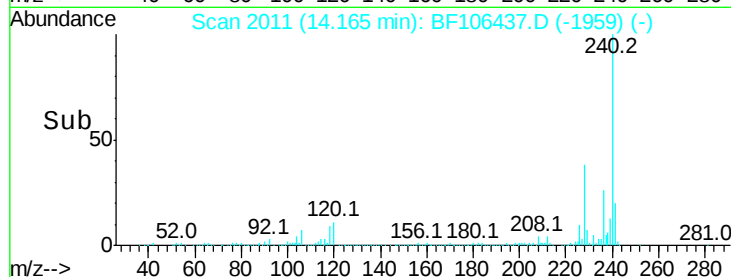
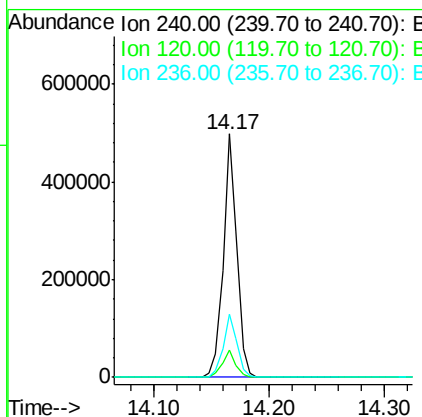
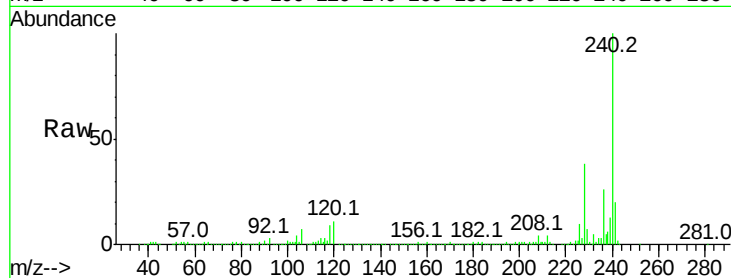
ClientSampleId :

PB110197BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 24.378 ng

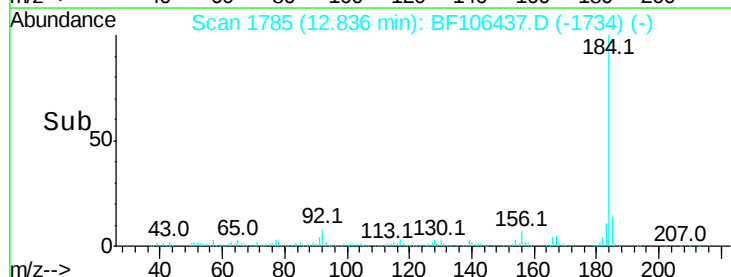
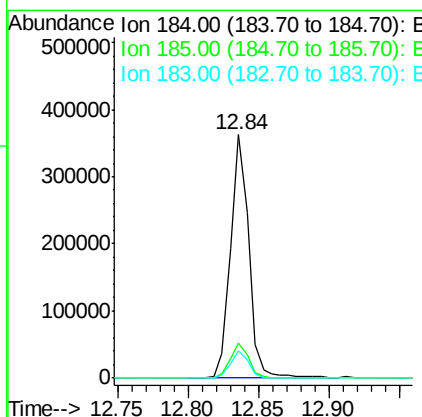
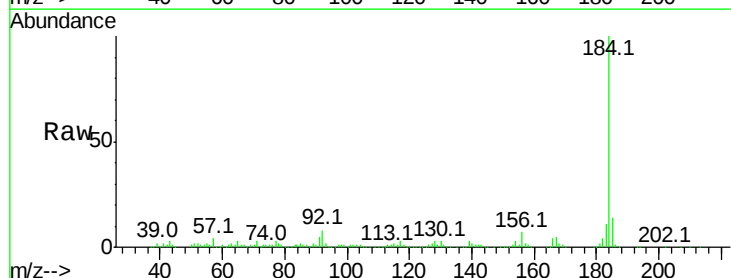
RT: 12.84 min Scan# 1785

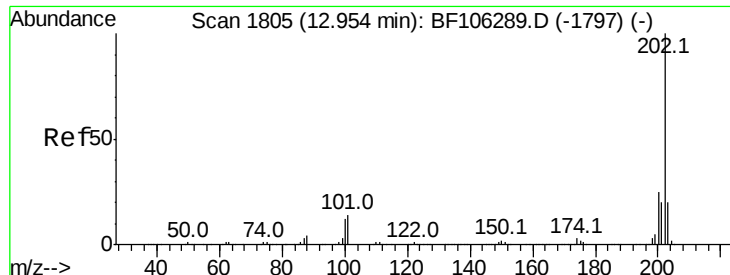
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.3	9.3	13.9





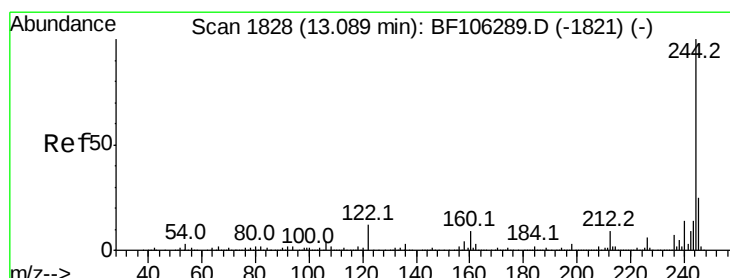
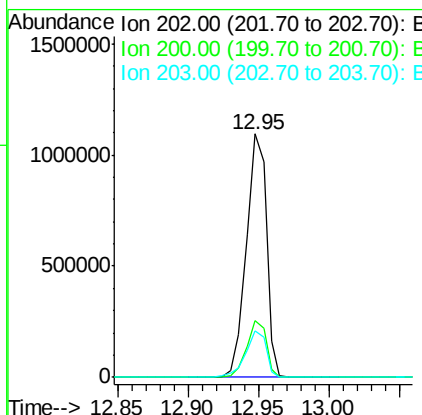
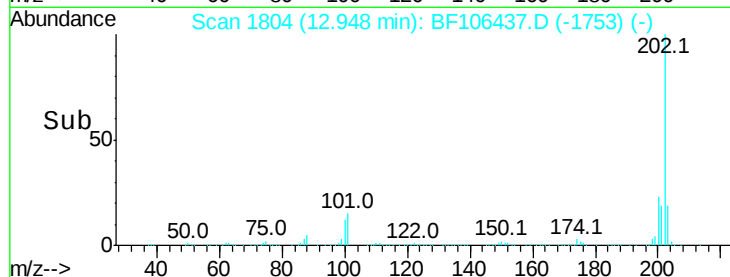
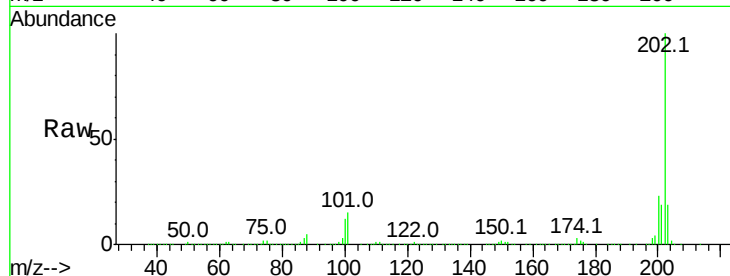
#77
Pvrene
Concen: 43.271 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion:202 Resp: 1097788
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 19.3 14.3 21.5

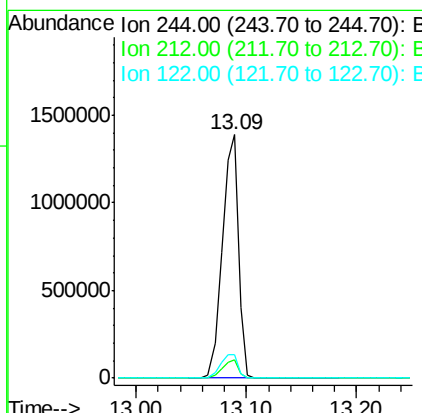
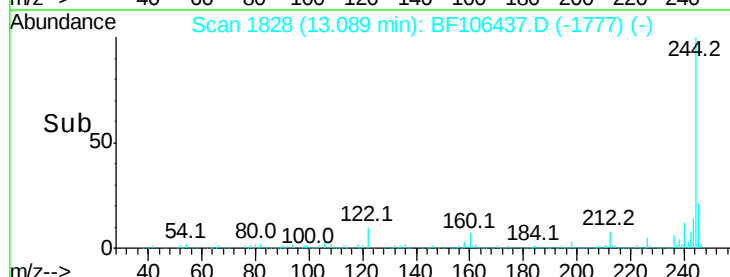
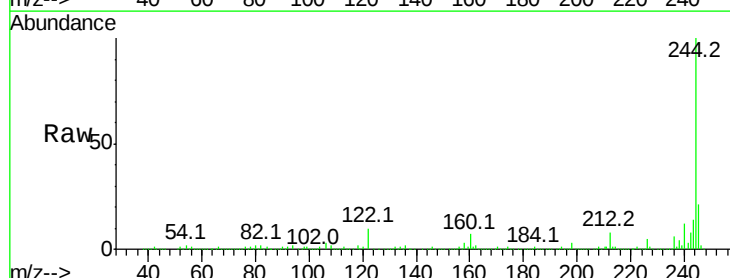
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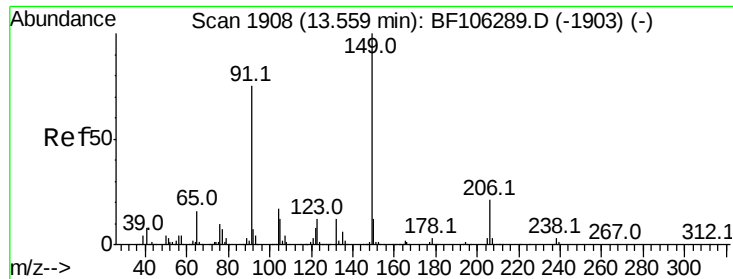
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#78
Terphenyl-d14
Concen: 86.676 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:244 Resp: 1414129
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.0
122 9.7 11.0 16.4#





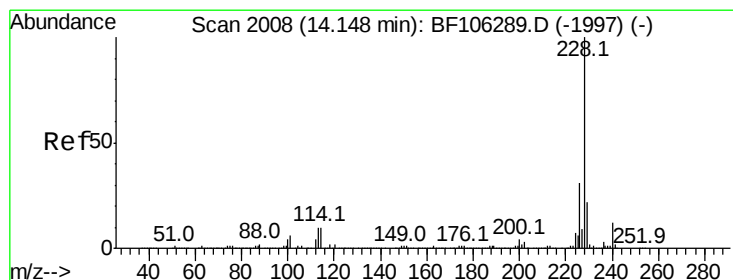
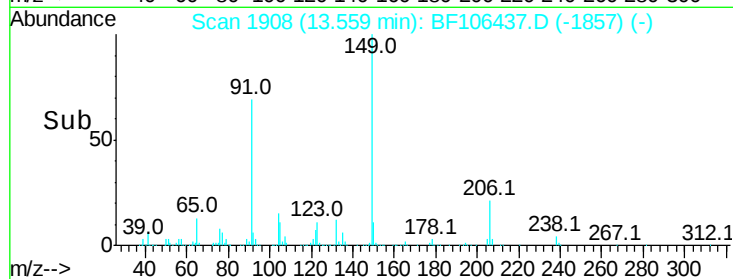
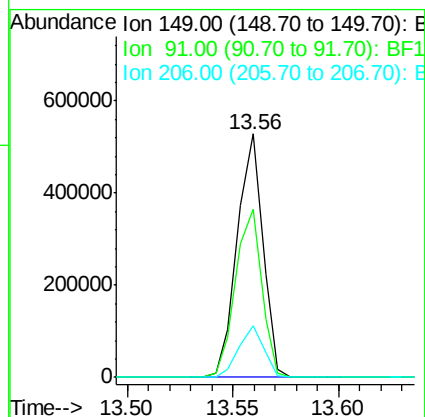
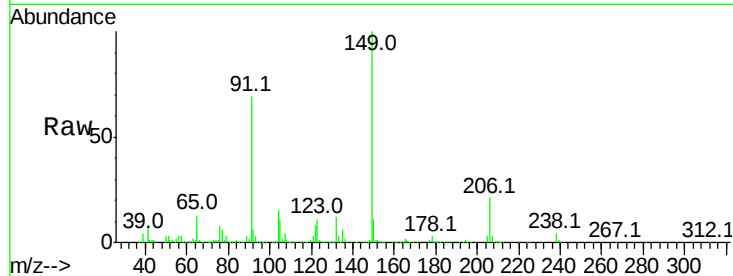
#79
Butylbenzylphthalate
Concen: 46.638 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.8	85.2
206	21.3	14.1	21.1

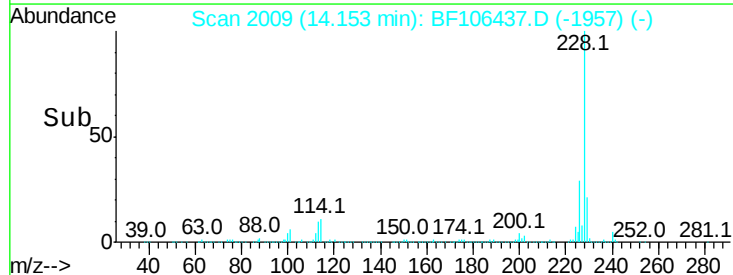
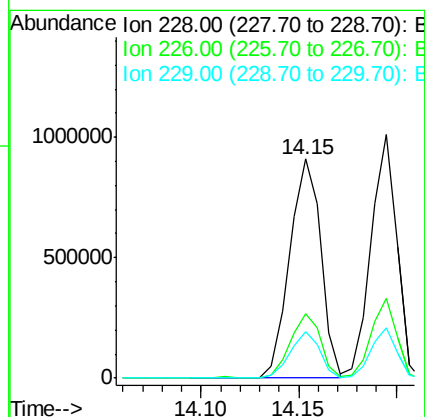
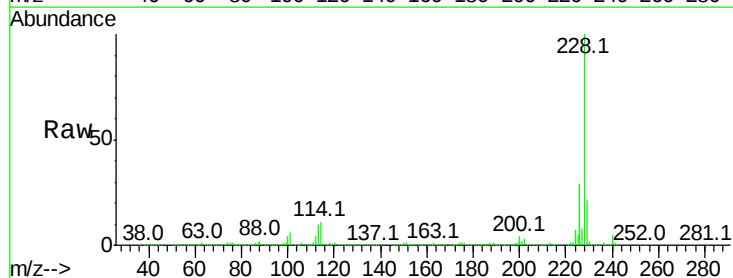
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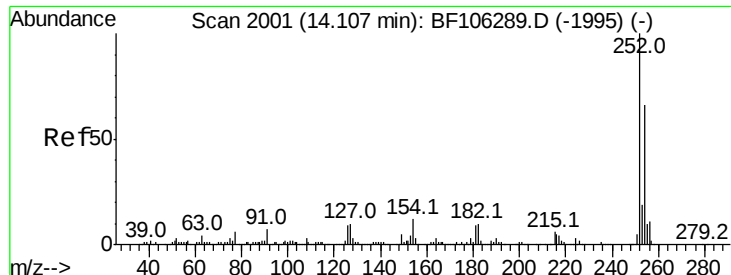
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#80
Benzo(a)anthracene
Concen: 41.723 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.9	15.8	23.6





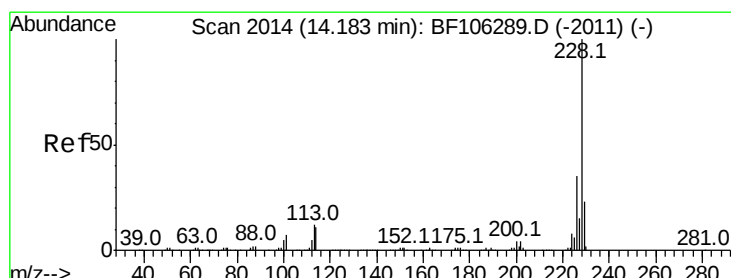
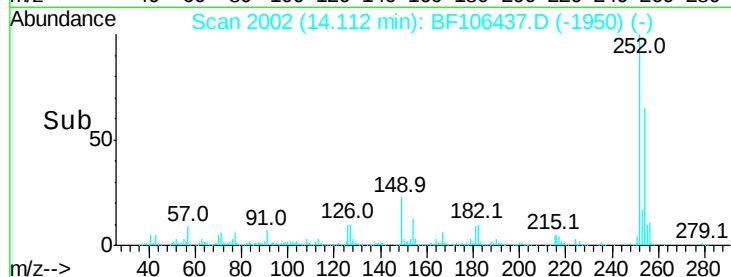
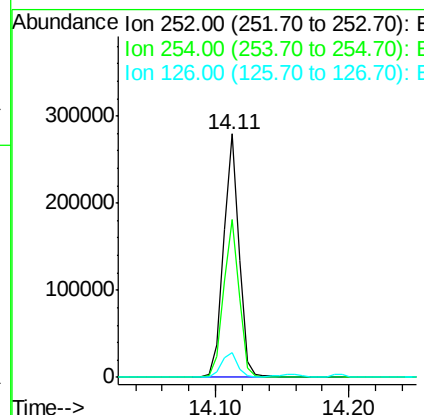
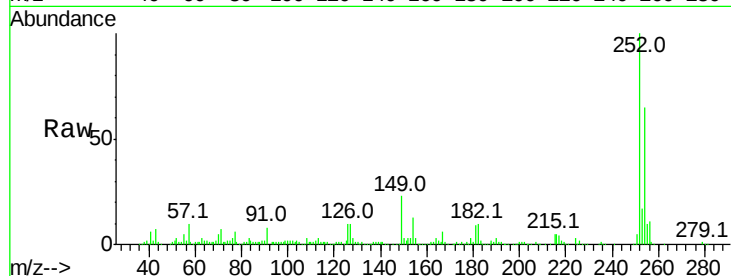
#81
 3,3'-Dichlorobenzidine
 Concen: 28.182 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	50.4	75.6
126	10.2	11.3	16.9

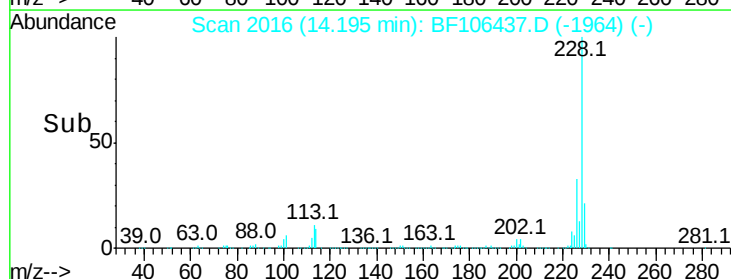
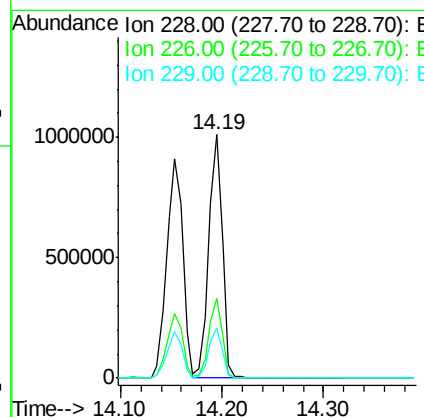
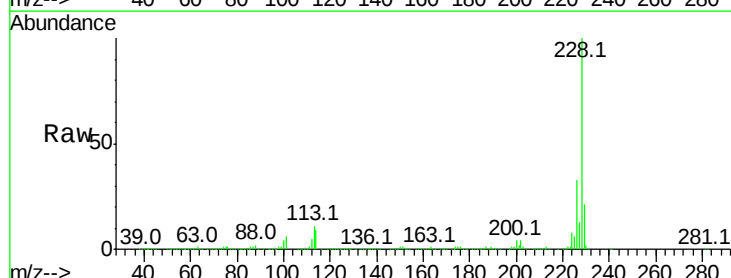
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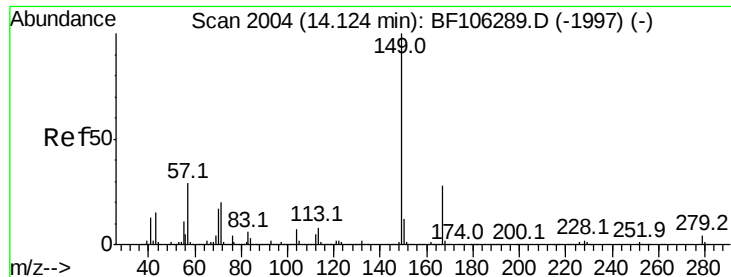
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#82
 Chrysene
 Concen: 42.446 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.9	25.0	37.6
229	20.9	16.2	24.4





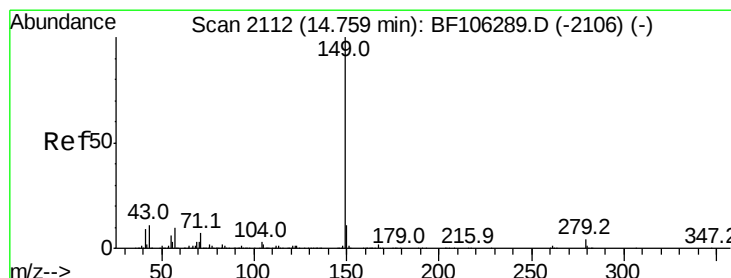
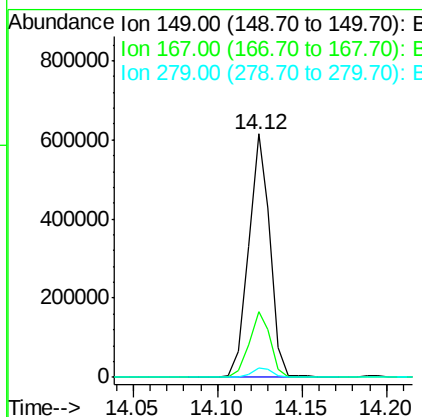
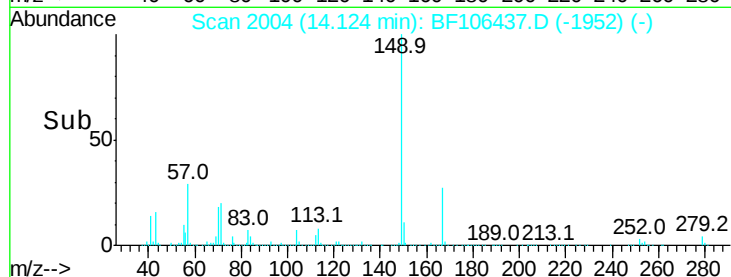
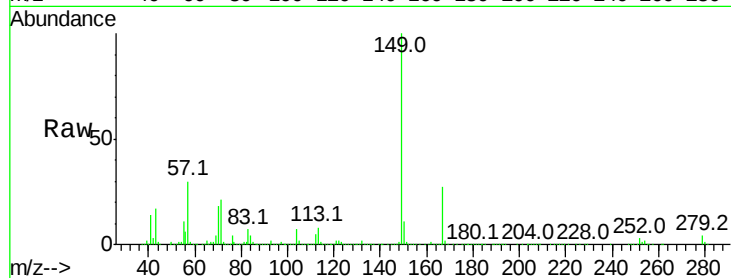
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.638 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	539720		
167	27.2		21.3	31.9
279	4.0		3.0	4.4

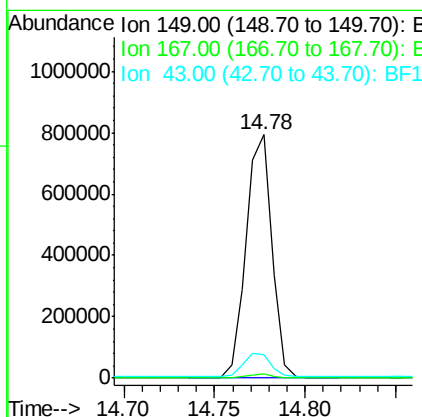
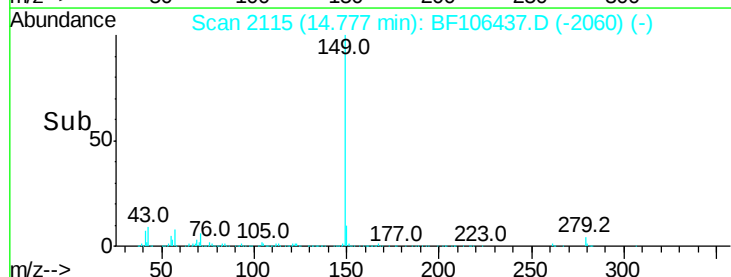
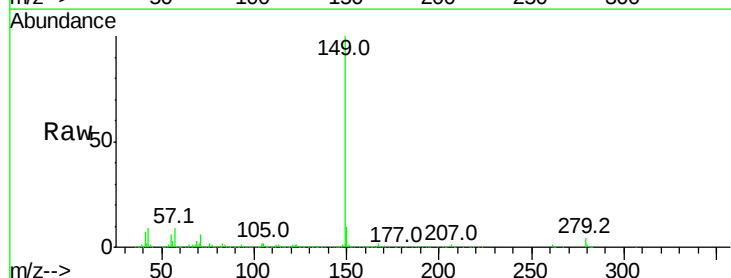
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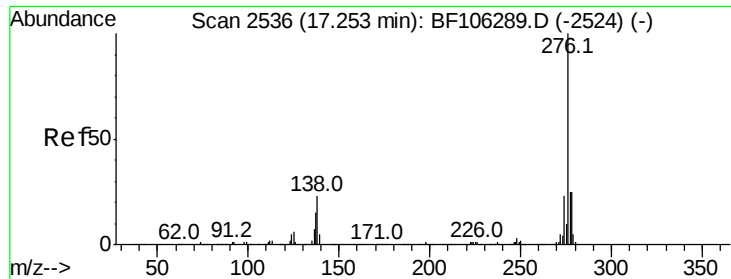
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#84
 Di-n-octyl phthalate
 Concen: 40.029 ng
 RT: 14.78 min Scan# 2115
 Delta R.T. 0.02 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	785774		
167	1.5		1.2	1.8
43	10.0		8.4	12.6





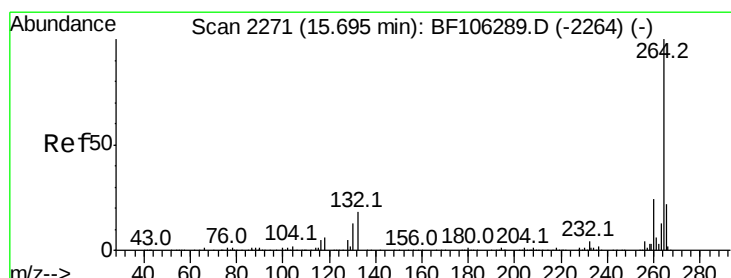
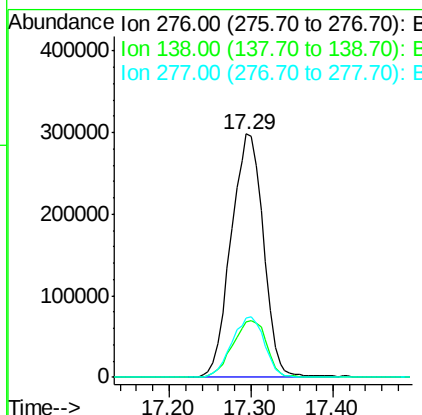
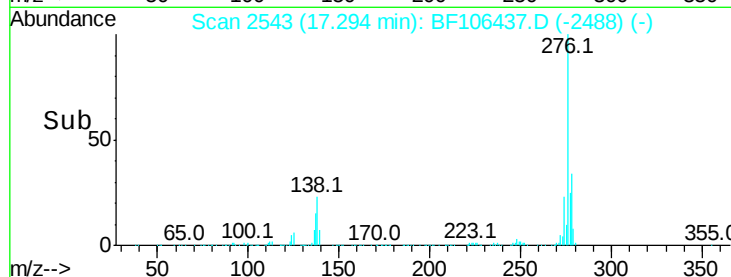
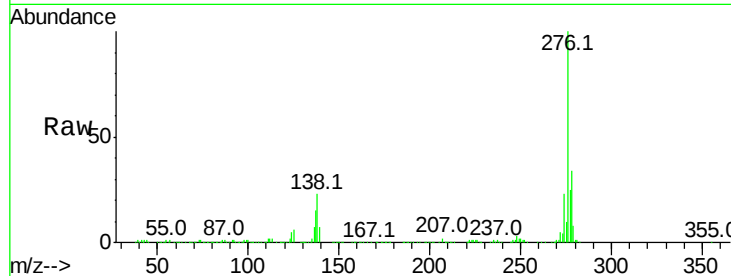
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.938 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.1	20.1	30.1

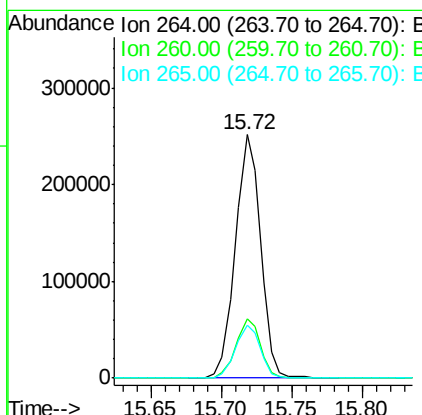
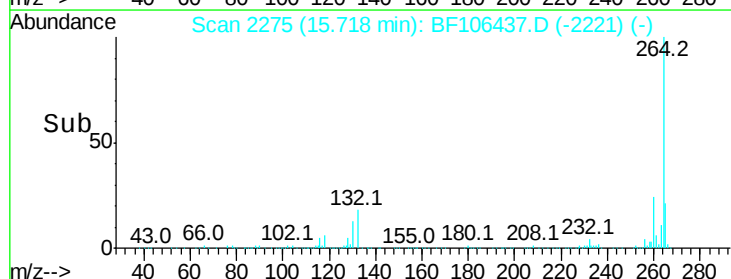
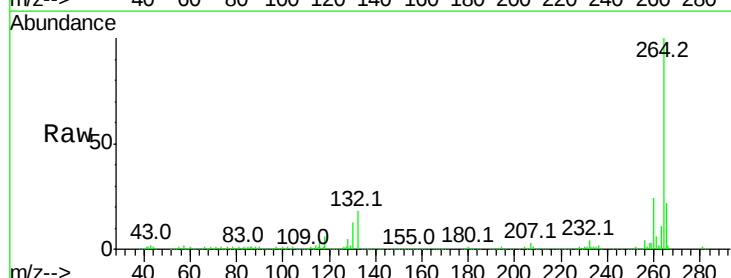
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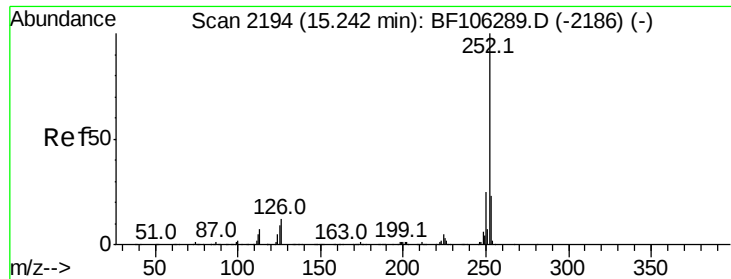
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3





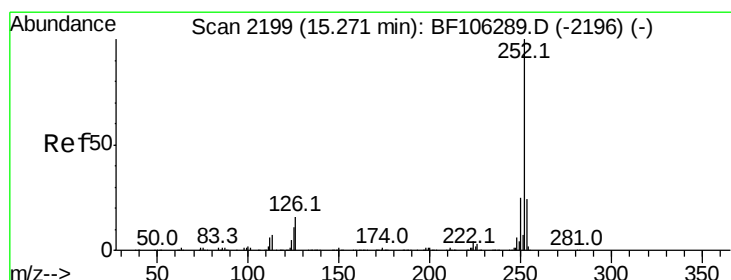
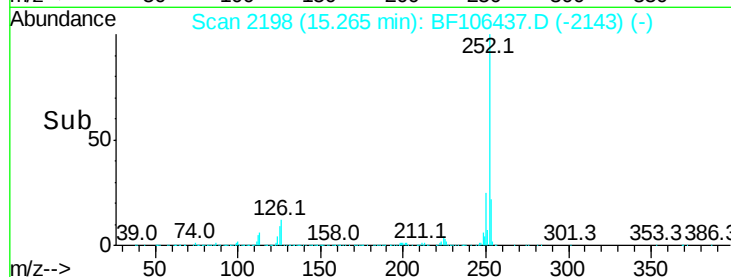
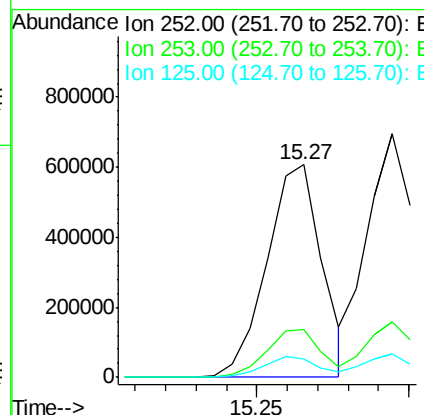
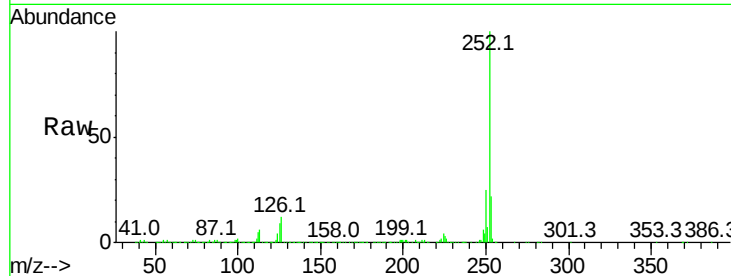
#87
Benzo(b)fluoranthene
Concen: 40.831 ng m
RT: 15.27 min Scan# 2198
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.8	9.0	13.6#

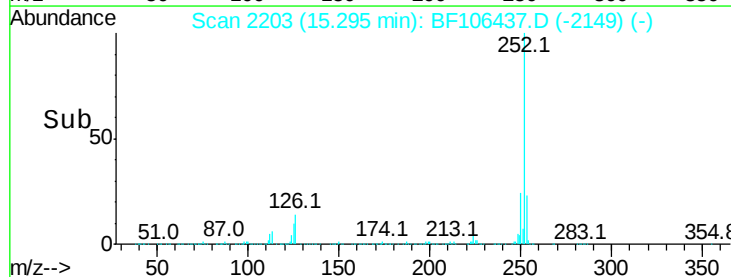
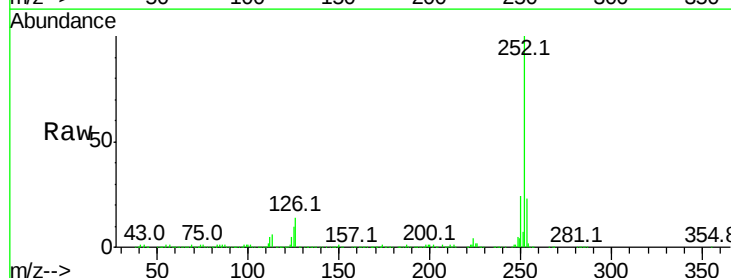
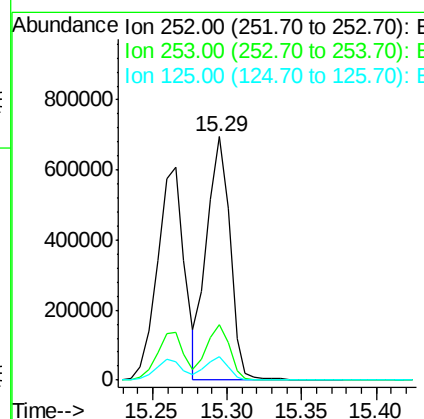
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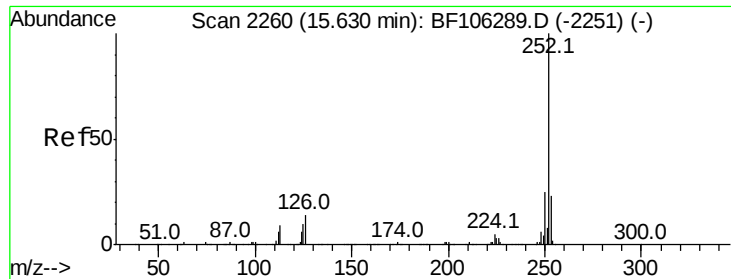
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#88
Benzo(k)fluoranthene
Concen: 39.819 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.7	10.2	15.2#





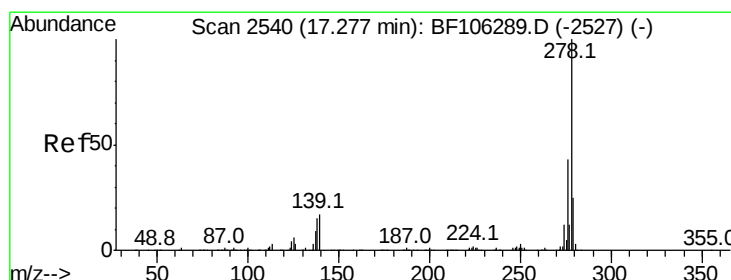
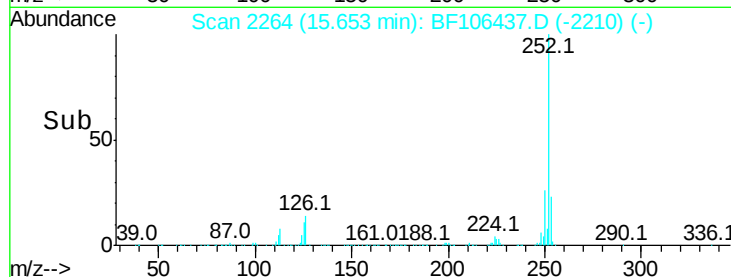
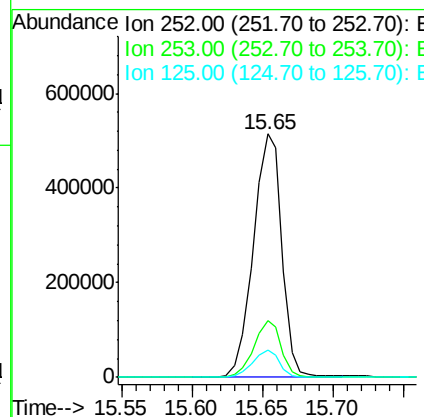
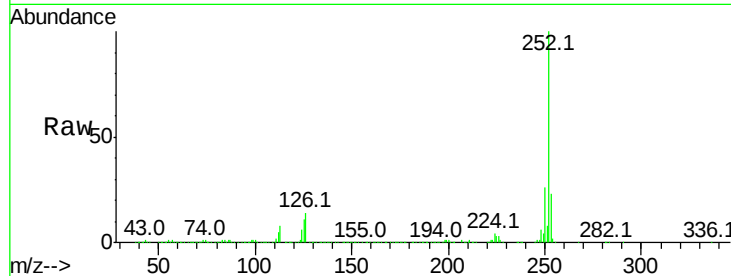
#89
Benzo(a)pyrene
Concen: 42.811 ng
RT: 15.65 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :
PB110197BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.1	25.7
125	11.2	9.8	14.6

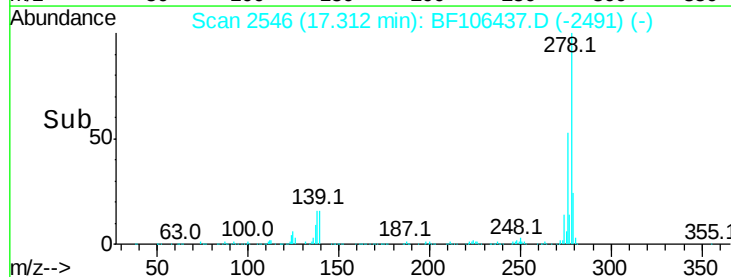
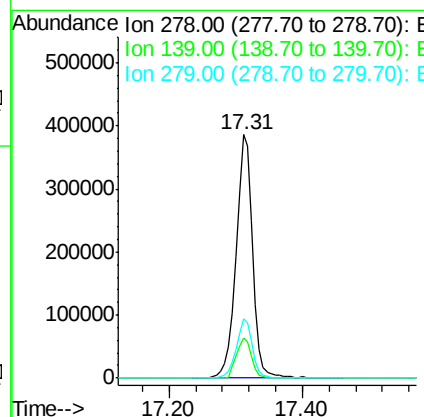
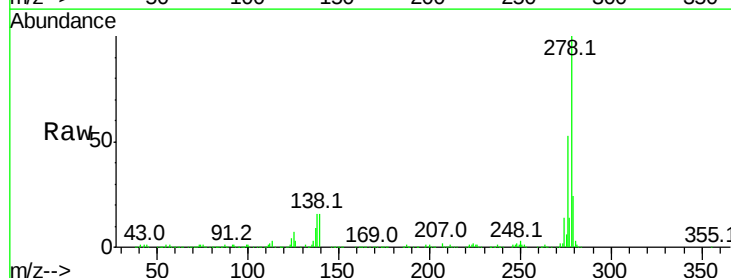
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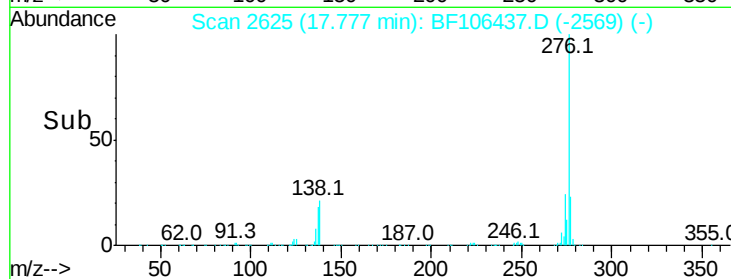
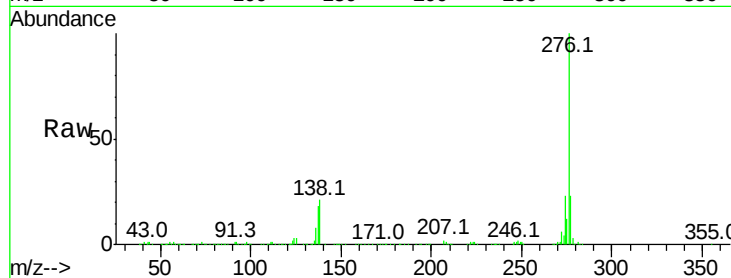
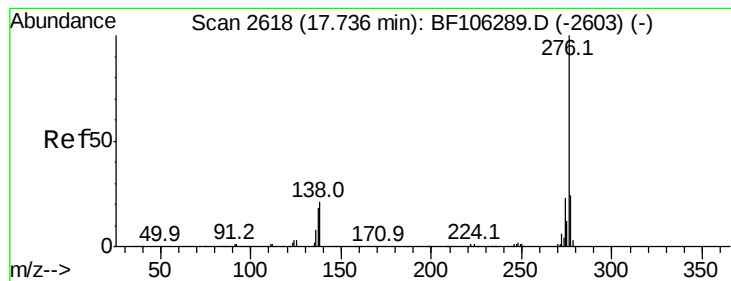
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#90
Dibenzo(a,h)anthracene
Concen: 47.545 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.4	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 51.885 ng

RT: 17.78 min Scan# 2625

Delta R.T. 0.03 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

PB110197BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	21.4	21.8	32.8#

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